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Cover Page

Order ID : Q3413

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q3413-01	BP-VPB-184-GW-980-982
Q3413-02	BP-VPB-184-TB-20251017

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 : _____

Date: 10/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager# Ernie Wu
Order ID # Q3413
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 10/20/2025.
1 Water sample was received on 10/20/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. 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 VOC-TCLVOA-10 was based on method 8260D.

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

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

The Continuous Calibration File ID VX048252.D met the requirements except for 4-Methyl-2-Pentanone is failing marginally low therefore no corrective action taken.

The Tuning criteria met requirements.

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.

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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.

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_____

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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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3413 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 VX048252.D met the requirements except for 4-Methyl-2-Pentanone is failing marginally low 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. The Surrogate recoveries were met for all analysis.		✓	
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:			✓

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.

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

NA NO YES

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.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3413**

	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:** **10/29/2025**

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LAB CHRONICLE

OrderID:	Q3413	**OrderDate:**	10/21/2025 10:51:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3413-01	**BP-VPB-184-GW-980-982**	**SOIL**			**10/17/25**			**10/20/25**
			VOC-TCLVOA-10	8260D			10/24/25	
Q3413-02	**BP-VPB-184-TB-2025 1017**	**Water**			**10/17/25**			**10/20/25**
			VOC-TCLVOA-10	8260-Low			10/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3413

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC
SUMMARY

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Surrogate Summary

SDG No.: Q3413

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3413-01	BP-VPB-184-GW-980-982	1,2-Dichloroethane-d4	50	54.4	109		71	136
		Dibromofluoromethane	50	52.0	104		78	119
		Toluene-d8	50	48.5	97		85	116
		4-Bromofluorobenzene	50	46.0	92		79	119
VY1024SBL01	VY1024SBL01	1,2-Dichloroethane-d4	50	44.4	89		71	136
		Dibromofluoromethane	50	48.7	97		78	119
		Toluene-d8	50	47.8	95		85	116
		4-Bromofluorobenzene	50	40.6	81		79	119
VY1024SBS01	VY1024SBS01	1,2-Dichloroethane-d4	50	44.2	88		71	136
		Dibromofluoromethane	50	49.5	99		78	119
		Toluene-d8	50	48.4	97		85	116
		4-Bromofluorobenzene	50	49.3	99		79	119
VY1024SBSD01	VY1024SBSD01	1,2-Dichloroethane-d4	50	44.4	89		71	136
		Dibromofluoromethane	50	49.4	99		78	119
		Toluene-d8	50	47.6	95		85	116
		4-Bromofluorobenzene	50	47.8	96		79	119

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Surrogate Summary

SDG No.: Q3413

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3413-02	BP-VPB-184-TB-20251017	1,2-Dichloroethane-d4	50	53.2	106		81	118
		Dibromofluoromethane	50	47.3	95		80	119
		Toluene-d8	50	45.6	91		89	112
		4-Bromofluorobenzene	50	53.4	107		85	114
VX1021WBL01	VX1021WBL01	1,2-Dichloroethane-d4	50	52.5	105		81	118
		Dibromofluoromethane	50	47.1	94		80	119
		Toluene-d8	50	46.4	93		89	112
		4-Bromofluorobenzene	50	52.6	105		85	114
VX1021WBS01	VX1021WBS01	1,2-Dichloroethane-d4	50	49.2	98		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	47.8	96		89	112
		4-Bromofluorobenzene	50	49.7	99		85	114
VX1021WBSD0	VX1021WBSD01	1,2-Dichloroethane-d4	50	46.5	93		81	118
		Dibromofluoromethane	50	48.0	96		80	119
		Toluene-d8	50	47.9	96		89	112
		4-Bromofluorobenzene	50	47.3	95		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048255.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1021WBS01	Dichlorodifluoromethane	20	16.8	ug/L	84			32	152	
	Chloromethane	20	17.8	ug/L	89			50	139	
	Vinyl chloride	20	17.6	ug/L	88			58	137	
	Bromomethane	20	19.3	ug/L	97			53	141	
	Chloroethane	20	18.9	ug/L	95			60	138	
	Trichlorofluoromethane	20	17.7	ug/L	89			65	141	
	1,1,2-Trichlorotrifluoroethane	20	17.6	ug/L	88			70	136	
	1,1-Dichloroethene	20	18.0	ug/L	90			71	131	
	Acetone	100	82.3	ug/L	82			39	160	
	Carbon disulfide	20	16.6	ug/L	83			64	133	
	Methyl tert-butyl Ether	20	17.6	ug/L	88			71	124	
	Methyl Acetate	20	17.5	ug/L	88			56	136	
	Methylene Chloride	20	19.1	ug/L	96			74	124	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	124	
	1,1-Dichloroethane	20	18.4	ug/L	92			77	125	
	Cyclohexane	20	19.2	ug/L	96			71	130	
	2-Butanone	100	85.2	ug/L	85			56	143	
	Carbon Tetrachloride	20	17.0	ug/L	85			72	136	
	cis-1,2-Dichloroethene	20	18.9	ug/L	95			78	123	
	Bromochloromethane	20	21.6	ug/L	108			78	123	
	Chloroform	20	18.8	ug/L	94			79	124	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			74	131	
	Methylcyclohexane	20	17.0	ug/L	85			72	132	
	Benzene	20	18.5	ug/L	93			79	120	
	1,2-Dichloroethane	20	19.1	ug/L	96			73	128	
	Trichloroethene	20	18.1	ug/L	91			79	123	
	1,2-Dichloropropane	20	19.3	ug/L	97			78	122	
	Bromodichloromethane	20	18.6	ug/L	93			79	125	
	4-Methyl-2-Pentanone	100	86.9	ug/L	87			67	130	
	Toluene	20	18.8	ug/L	94			80	121	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	18.8	ug/L	94			75	124	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			80	119	
	2-Hexanone	100	85.9	ug/L	86			57	139	
	Dibromochloromethane	20	18.1	ug/L	91			74	126	
	1,2-Dibromoethane	20	18.6	ug/L	93			77	121	
	Tetrachloroethene	20	16.9	ug/L	85			74	129	
	Chlorobenzene	20	18.0	ug/L	90			82	118	
	Ethyl Benzene	20	17.8	ug/L	89			79	121	
	m/p-Xylenes	40	36.8	ug/L	92			80	121	
	o-Xylene	20	18.1	ug/L	91			78	122	
	Styrene	20	18.8	ug/L	94			78	123	
	Bromoform	20	17.0	ug/L	85			66	130	
	Isopropylbenzene	20	17.1	ug/L	86			72	131	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			71	121	
	1,3-Dichlorobenzene	20	17.2	ug/L	86			80	119	
	1,4-Dichlorobenzene	20	16.6	ug/L	83			79	118	
	1,2-Dichlorobenzene	20	17.2	ug/L	86			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048255.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1021WBS01	1,2-Dibromo-3-Chloropropane	20	14.2	ug/L	71			62	128	
	1,2,4-Trichlorobenzene	20	15.2	ug/L	76			69	130	
	1,2,3-Trichlorobenzene	20	15.5	ug/L	78			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048256.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1021WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	7		32	152	20
	Chloromethane	20	17.3	ug/L	86	3		50	139	20
	Vinyl chloride	20	16.9	ug/L	85	3		58	137	20
	Bromomethane	20	19.0	ug/L	95	2		53	141	20
	Chloroethane	20	19.0	ug/L	95	0		60	138	20
	Trichlorofluoromethane	20	17.9	ug/L	90	1		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89	1		70	136	20
	1,1-Dichloroethene	20	17.9	ug/L	90	0		71	131	20
	Acetone	100	81.6	ug/L	82	0		39	160	20
	Carbon disulfide	20	16.9	ug/L	85	2		64	133	20
	Methyl tert-butyl Ether	20	18.0	ug/L	90	2		71	124	20
	Methyl Acetate	20	16.9	ug/L	85	3		56	136	20
	Methylene Chloride	20	18.5	ug/L	93	3		74	124	20
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	4		75	124	20
	1,1-Dichloroethane	20	18.8	ug/L	94	2		77	125	20
	Cyclohexane	20	18.4	ug/L	92	4		71	130	20
	2-Butanone	100	85.7	ug/L	86	1		56	143	20
	Carbon Tetrachloride	20	17.2	ug/L	86	1		72	136	20
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	1		78	123	20
	Bromochloromethane	20	21.3	ug/L	106	2		78	123	20
	Chloroform	20	19.0	ug/L	95	1		79	124	20
	1,1,1-Trichloroethane	20	18.3	ug/L	92	1		74	131	20
	Methylcyclohexane	20	18.2	ug/L	91	7		72	132	20
	Benzene	20	18.8	ug/L	94	1		79	120	20
	1,2-Dichloroethane	20	18.5	ug/L	93	3		73	128	20
	Trichloroethene	20	18.3	ug/L	92	1		79	123	20
	1,2-Dichloropropane	20	19.8	ug/L	99	2		78	122	20
	Bromodichloromethane	20	18.8	ug/L	94	1		79	125	20
	4-Methyl-2-Pentanone	100	89.0	ug/L	89	2		67	130	20
	Toluene	20	18.9	ug/L	95	1		80	121	20
	t-1,3-Dichloropropene	20	18.5	ug/L	93	1		73	127	20
	cis-1,3-Dichloropropene	20	18.5	ug/L	93	1		75	124	20
	1,1,2-Trichloroethane	20	19.3	ug/L	97	1		80	119	20
	2-Hexanone	100	87.8	ug/L	88	2		57	139	20
	Dibromochloromethane	20	18.3	ug/L	92	1		74	126	20
	1,2-Dibromoethane	20	18.6	ug/L	93	0		77	121	20
	Tetrachloroethene	20	17.5	ug/L	88	3		74	129	20
	Chlorobenzene	20	18.9	ug/L	95	5		82	118	20
	Ethyl Benzene	20	18.3	ug/L	92	3		79	121	20
	m/p-Xylenes	40	37.5	ug/L	94	2		80	121	20
	o-Xylene	20	18.5	ug/L	93	2		78	122	20
	Styrene	20	19.2	ug/L	96	2		78	123	20
	Bromoform	20	17.7	ug/L	89	5		66	130	20
	Isopropylbenzene	20	18.5	ug/L	93	8		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.4	ug/L	92	7		71	121	20
	1,3-Dichlorobenzene	20	18.2	ug/L	91	6		80	119	20
	1,4-Dichlorobenzene	20	18.2	ug/L	91	9		79	118	20
	1,2-Dichlorobenzene	20	18.6	ug/L	93	8		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048256.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1021WBSD01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	18		62	128	20
	1,2,4-Trichlorobenzene	20	16.8	ug/L	84	10		69	130	20
	1,2,3-Trichlorobenzene	20	17.3	ug/L	86	10		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260D**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VY023561.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1024SBS01	Dichlorodifluoromethane	20	18.6	ug/Kg	93			29	149	
	Chloromethane	20	17.3	ug/Kg	86			50	136	
	Vinyl chloride	20	18.0	ug/Kg	90			56	135	
	Bromomethane	20	20.6	ug/Kg	103			53	143	
	Chloroethane	20	18.5	ug/Kg	93			59	139	
	Trichlorofluoromethane	20	19.0	ug/Kg	95			62	140	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/Kg	100			66	136	
	1,1-Dichloroethene	20	19.8	ug/Kg	99			70	131	
	Acetone	100	130	ug/Kg	130			36	164	
	Carbon disulfide	20	18.4	ug/Kg	92			63	132	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			73	125	
	Methyl Acetate	20	17.2	ug/Kg	86			53	144	
	Methylene Chloride	20	18.5	ug/Kg	93			70	128	
	trans-1,2-Dichloroethene	20	20.1	ug/Kg	101			74	125	
	1,1-Dichloroethane	20	19.8	ug/Kg	99			76	125	
	Cyclohexane	20	18.3	ug/Kg	92			67	131	
	2-Butanone	100	110	ug/Kg	110			51	148	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			70	135	
	cis-1,2-Dichloroethene	20	20.9	ug/Kg	104			77	123	
	Bromochloromethane	20	18.9	ug/Kg	95			78	125	
	Chloroform	20	20.4	ug/Kg	102			78	123	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			73	130	
	Methylcyclohexane	20	20.0	ug/Kg	100			66	133	
	Benzene	20	20.7	ug/Kg	104			77	121	
	1,2-Dichloroethane	20	19.6	ug/Kg	98			73	128	
	Trichloroethene	20	21.4	ug/Kg	107			77	123	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			76	123	
	Bromodichloromethane	20	20.8	ug/Kg	104			75	127	
	4-Methyl-2-Pentanone	100	96.4	ug/Kg	96			65	135	
	Toluene	20	21.3	ug/Kg	106			77	121	
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102			71	130	
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103			74	126	
	1,1,2-Trichloroethane	20	21.6	ug/Kg	108			78	121	
	2-Hexanone	100	110	ug/Kg	110			53	145	
	Dibromochloromethane	20	21.3	ug/Kg	106			74	126	
	1,2-Dibromoethane	20	21.4	ug/Kg	107			78	122	
	Tetrachloroethene	20	20.6	ug/Kg	103			73	128	
	Chlorobenzene	20	20.9	ug/Kg	104			79	120	
	Ethyl Benzene	20	20.5	ug/Kg	103			76	122	
	m/p-Xylenes	40	42.3	ug/Kg	106			77	124	
	o-Xylene	20	21.1	ug/Kg	106			77	123	
	Styrene	20	20.9	ug/Kg	104			76	124	
	Bromoform	20	20.9	ug/Kg	104			67	132	
	Isopropylbenzene	20	20.6	ug/Kg	103			68	134	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			70	124	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			77	121	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			75	120	
	1,2-Dichlorobenzene	20	20.4	ug/Kg	102			78	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3413 **Analytical Method:** SW8260D

Client: Tetra Tech NUS, Inc. **Datafile :** VY023561.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1024SBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/Kg	96			61	132	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			67	129	
	1,2,3-Trichlorobenzene	20	19.6	ug/Kg	98			66	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260D**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VY023562.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1024SBSD01	Dichlorodifluoromethane	20	19.0	ug/Kg	95	2		29	149	20
	Chloromethane	20	17.9	ug/Kg	90	5		50	136	20
	Vinyl chloride	20	18.8	ug/Kg	94	4		56	135	20
	Bromomethane	20	21.4	ug/Kg	107	4		53	143	20
	Chloroethane	20	19.6	ug/Kg	98	5		59	139	20
	Trichlorofluoromethane	20	20.3	ug/Kg	102	7		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/Kg	106	6		66	136	20
	1,1-Dichloroethene	20	20.8	ug/Kg	104	5		70	131	20
	Acetone	100	130	ug/Kg	130	0		36	164	20
	Carbon disulfide	20	19.0	ug/Kg	95	3		63	132	20
	Methyl tert-butyl Ether	20	21.1	ug/Kg	106	6		73	125	20
	Methyl Acetate	20	17.5	ug/Kg	88	2		53	144	20
	Methylene Chloride	20	19.3	ug/Kg	97	4		70	128	20
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106	5		74	125	20
	1,1-Dichloroethane	20	20.6	ug/Kg	103	4		76	125	20
	Cyclohexane	20	19.2	ug/Kg	96	4		67	131	20
	2-Butanone	100	120	ug/Kg	120	9		51	148	20
	Carbon Tetrachloride	20	21.4	ug/Kg	107	4		70	135	20
	cis-1,2-Dichloroethene	20	21.7	ug/Kg	109	5		77	123	20
	Bromochloromethane	20	20.0	ug/Kg	100	5		78	125	20
	Chloroform	20	21.3	ug/Kg	106	4		78	123	20
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106	3		73	130	20
	Methylcyclohexane	20	20.7	ug/Kg	104	4		66	133	20
	Benzene	20	21.3	ug/Kg	106	2		77	121	20
	1,2-Dichloroethane	20	20.4	ug/Kg	102	4		73	128	20
	Trichloroethene	20	21.9	ug/Kg	110	3		77	123	20
	1,2-Dichloropropane	20	21.0	ug/Kg	105	3		76	123	20
	Bromodichloromethane	20	21.6	ug/Kg	108	4		75	127	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	4		65	135	20
	Toluene	20	21.9	ug/Kg	110	4		77	121	20
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106	4		71	130	20
	cis-1,3-Dichloropropene	20	21.8	ug/Kg	109	6		74	126	20
	1,1,2-Trichloroethane	20	23.0	ug/Kg	115	6		78	121	20
	2-Hexanone	100	120	ug/Kg	120	9		53	145	20
	Dibromochloromethane	20	22.7	ug/Kg	114	7		74	126	20
	1,2-Dibromoethane	20	22.5	ug/Kg	113	5		78	122	20
	Tetrachloroethene	20	21.3	ug/Kg	106	3		73	128	20
	Chlorobenzene	20	21.9	ug/Kg	110	6		79	120	20
	Ethyl Benzene	20	21.5	ug/Kg	108	5		76	122	20
	m/p-Xylenes	40	44.4	ug/Kg	111	5		77	124	20
	o-Xylene	20	22.0	ug/Kg	110	4		77	123	20
	Styrene	20	21.9	ug/Kg	110	6		76	124	20
	Bromoform	20	22.6	ug/Kg	113	8		67	132	20
	Isopropylbenzene	20	21.8	ug/Kg	109	6		68	134	20
	1,1,2,2-Tetrachloroethane	20	22.4	ug/Kg	112	9		70	124	20
	1,3-Dichlorobenzene	20	22.0	ug/Kg	110	8		77	121	20
	1,4-Dichlorobenzene	20	21.8	ug/Kg	109	6		75	120	20
	1,2-Dichlorobenzene	20	22.3	ug/Kg	112	9		78	121	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3413**	**Analytical Method:**	**SW8260D**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VY023562.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1024SBSD01	1,2-Dibromo-3-Chloropropane	20	22.0	ug/Kg	110	14		61	132	20
	1,2,4-Trichlorobenzene	20	21.9	ug/Kg	110	10		67	129	20
	1,2,3-Trichlorobenzene	20	21.4	ug/Kg	107	9		66	130	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1021WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VX048254.D Lab Sample ID: VX1021WBL01

Date Analyzed: 10/21/2025 Time Analyzed: 09:40

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1021WBS01	VX1021WBS01	VX048255.D	10/21/2025
VX1021WBSD01	VX1021WBSD01	VX048256.D	10/21/2025
BP-VPB-184-TB-20251017	Q3413-02	VX048261.D	10/21/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1024SBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VY023560.D Lab Sample ID: VY1024SBL01

Date Analyzed: 10/24/2025 Time Analyzed: 09:24

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
VY1024SBS01	VY1024SBS01	VY023561.D	10/24/2025
VY1024SBSD01	VY1024SBSD01	VY023562.D	10/24/2025
BP-VPB-184-GW-980-982	Q3413-01	VY023564.D	10/24/2025

COMMENTS:

Raw Data: **VX048226.D**

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3413
Lab File ID: VX048226.D
BFB Injection Date: 10/20/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:15
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	73.8 (96.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048229.D	10/20/2025	10:59
VSTDICC020	VSTDICC020	VX048231.D	10/20/2025	11:40
VSTDICCC050	VSTDICCC050	VX048232.D	10/20/2025	12:01
VSTDICC100	VSTDICC100	VX048233.D	10/20/2025	12:22
VSTDICC150	VSTDICC150	VX048234.D	10/20/2025	12:43
VSTDICC005	VSTDICC005	VX048236.D	10/20/2025	13:49

Raw Data: **VX048251.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3413
Lab File ID: VX048251.D
BFB Injection Date: 10/21/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18
75	30.0 - 60.0% of mass 95	50.3
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 (0.7) 1
174	50.0 - 100.0% of mass 95	75.8
175	5.0 - 9.0% of mass 174	5.5 (7.2) 1
176	95.0 - 101.0% of mass 174	72.8 (96.1) 1
177	5.0 - 9.0% of mass 176	5 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048252.D	10/21/2025	08:43
VX1021WBL01	VX1021WBL01	VX048254.D	10/21/2025	09:40
VX1021WBS01	VX1021WBS01	VX048255.D	10/21/2025	10:06
VX1021WBSD01	VX1021WBSD01	VX048256.D	10/21/2025	10:33
BP-VPB-184-TB-20251017	Q3413-02	VX048261.D	10/21/2025	12:17
VSTDCCC050EC	VSTDCCC050	VX048278.D	10/21/2025	18:09

Raw Data: **VY023383.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3413
Lab File ID: VY023383.D
BFB Injection Date: 10/07/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:43
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	16.9
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	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

Raw Data: **VY023558.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3413

Lab File ID: VY023558.D | BFB Injection Date: 10/24/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 07:47

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	15.7
75	30.0 - 60.0% of mass 95	47.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.1 (1.1) 1
174	50.0 - 100.0% of mass 95	98.2
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	96.3 (98) 1
177	5.0 - 9.0% of mass 176	6.4 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023559.D	10/24/2025	08:56
VY1024SBL01	VY1024SBL01	VY023560.D	10/24/2025	09:24
VY1024SBS01	VY1024SBS01	VY023561.D	10/24/2025	09:52
VY1024SBSD01	VY1024SBSD01	VY023562.D	10/24/2025	10:14
BP-VPB-184-GW-980-982	Q3413-01	VY023564.D	10/24/2025	11:21
VSTDCCC050EC	VSTDCCC050	VY023583.D	10/24/2025	19:06

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VX048252.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_X Time Analyzed: 08:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	144122	5.53	227103	6.74	197016	10.04
UPPER LIMIT	288244	6.031	454206	7.238	394032	10.537
LOWER LIMIT	72061	5.031	113552	6.238	98508	9.537
EPA SAMPLE NO.						
BP-VPB-184-TB-20251017	110202	5.54	219240	6.75	229169	10.04
VX1021WBL01	121915	5.53	240535	6.75	247603	10.04
VX1021WBS01	141199	5.54	230109	6.74	212342	10.04
VX1021WBSD01	137604	5.53	224103	6.74	203364	10.04

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: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VX048252.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_X Time Analyzed: 08:43

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	96991	12.006				
UPPER LIMIT	193982	12.506				
LOWER LIMIT	48495.5	11.506				
EPA SAMPLE NO.						
BP-VPB-184-TB-20251017	116744	12.01				
VX1021WBL01	126551	12.01				
VX1021WBS01	110789	12.01				
VX1021WBSD01	101316	12.01				

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: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VY023559.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:56

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	558901	7.71	809883	8.62	712621	11.41
UPPER LIMIT	1117800	8.213	1619770	9.115	1425240	11.914
LOWER LIMIT	279451	7.213	404942	8.115	356311	10.914
EPA SAMPLE NO.						
BP-VPB-184-GW-980-982	812743	7.71	1310630	8.62	1133524	11.41
VY1024SBL01	898566	7.71	1421897	8.62	1164716	11.41
VY1024SBS01	551537	7.71	799010	8.62	709717	11.41
VY1024SBSD01	536786	7.71	783587	8.62	686581	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: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3413

Lab File ID: VY023559.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:56

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

	IS4 AREA #	RT #				
12 HOUR STD	380279	13.346				
UPPER LIMIT	760558	13.846				
LOWER LIMIT	190140	12.846				
EPA SAMPLE NO.						
BP-VPB-184-GW-980-982	486654	13.35				
VY1024SBL01	469443	13.35				
VY1024SBS01	380713	13.35				
VY1024SBSD01	360721	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.

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **VY023564.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:	10/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/20/25
Client Sample ID:	BP-VPB-184-GW-980-982	SDG No.:	Q3413
Lab Sample ID:	Q3413-01	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	7.4
Sample Wt/Vol:	5.21 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	51.9	U	1	14.8	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
74-87-3	Chloromethane	32.4	U	1	14.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-01-4	Vinyl Chloride	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
74-83-9	Bromomethane	51.9	U	1	13.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
75-00-3	Chloroethane	32.4	U	1	16.3	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-69-4	Trichlorofluoromethane	51.9	U	1	15.7	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	32.4	U	1	13.7	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-35-4	1,1-Dichloroethene	32.4	U	1	13.0	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
67-64-1	Acetone	260	U	1	61.5	260	320	ug/Kg	10/24/25 11:21	VY102425
75-15-0	Carbon Disulfide	51.9	U	1	13.7	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
1634-04-4	Methyl tert-butyl Ether	32.4	U	1	9.50	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-20-9	Methyl Acetate	51.9	U	1	20.0	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
75-09-2	Methylene Chloride	100	U	1	45.8	100	130	ug/Kg	10/24/25 11:21	VY102425
156-60-5	trans-1,2-Dichloroethene	32.4	U	1	11.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-34-3	1,1-Dichloroethane	32.4	U	1	10.4	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
110-82-7	Cyclohexane	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
78-93-3	2-Butanone	260	U	1	84.8	260	320	ug/Kg	10/24/25 11:21	VY102425
56-23-5	Carbon Tetrachloride	32.4	U	1	12.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
156-59-2	cis-1,2-Dichloroethene	32.4	U	1	9.70	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
74-97-5	Bromochloromethane	51.9	U	1	14.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
67-66-3	Chloroform	51.9	U	1	10.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
71-55-6	1,1,1-Trichloroethane	32.4	U	1	12.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-87-2	Methylcyclohexane	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
71-43-2	Benzene	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
107-06-2	1,2-Dichloroethane	32.4	U	1	10.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-01-6	Trichloroethene	32.4	U	1	10.5	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
78-87-5	1,2-Dichloropropane	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-27-4	Bromodichloromethane	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-10-1	4-Methyl-2-Pentanone	160	U	1	46.4	160	320	ug/Kg	10/24/25 11:21	VY102425
108-88-3	Toluene	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
10061-02-6	t-1,3-Dichloropropene	32.4	U	1	8.40	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
10061-01-5	cis-1,3-Dichloropropene	32.4	U	1	8.00	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-00-5	1,1,2-Trichloroethane	32.4	U	1	11.9	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
591-78-6	2-Hexanone	160	U	1	47.9	160	320	ug/Kg	10/24/25 11:21	VY102425
124-48-1	Dibromochloromethane	32.4	U	1	11.3	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
106-93-4	1,2-Dibromoethane	32.4	U	1	11.4	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
127-18-4	Tetrachloroethene	32.4	U	1	13.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
108-90-7	Chlorobenzene	32.4	U	1	11.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
100-41-4	Ethyl Benzene	32.4	U	1	8.70	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
179601-23-1	m/p-Xylenes	64.8	U	1	16.1	64.8	130	ug/Kg	10/24/25 11:21	VY102425
95-47-6	o-Xylene	32.4	U	1	10.6	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
100-42-5	Styrene	32.4	U	1	9.20	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
75-25-2	Bromoform	32.4	U	1	11.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425

Raw Data: **VY023564.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:	10/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/20/25
Client Sample ID:	BP-VPB-184-GW-980-982	SDG No.:	Q3413
Lab Sample ID:	Q3413-01	Matrix:	SOIL
Analytical Method:	8260D Level : LOW	% Solid:	7.4
Sample Wt/Vol:	5.21 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	32.4	U	1	10.1	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	32.4	U	1	15.7	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
541-73-1	1,3-Dichlorobenzene	32.4	U	1	22.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
106-46-7	1,4-Dichlorobenzene	32.4	U	1	20.2	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
95-50-1	1,2-Dichlorobenzene	32.4	U	1	18.8	32.4	64.8	ug/Kg	10/24/25 11:21	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	51.9	U	1	23.9	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
120-82-1	1,2,4-Trichlorobenzene	51.9	U	1	38.5	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
87-61-6	1,2,3-Trichlorobenzene	51.9	U	1	41.2	51.9	64.8	ug/Kg	10/24/25 11:21	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.4			71 - 136		109%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			78 - 119		104%	SPK: 50		
2037-26-5	Toluene-d8	48.5			85 - 116		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.0			79 - 119		92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	813000								
540-36-3	1,4-Difluorobenzene	1310000								
3114-55-4	Chlorobenzene-d5	1130000								
3855-82-1	1,4-Dichlorobenzene-d4	487000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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

Sample Results: **VY023564.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Quant Time: Oct 24 23:49:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

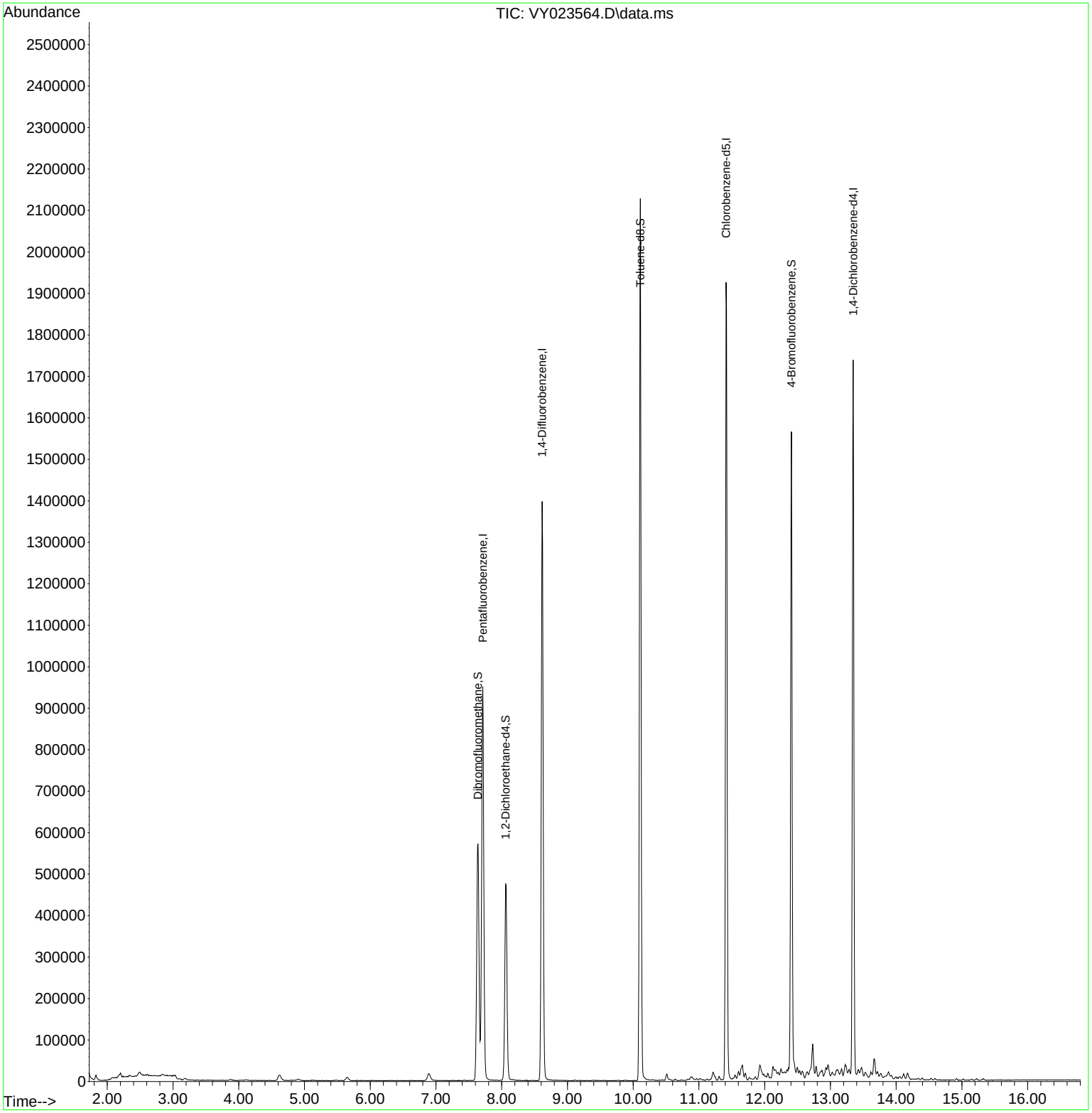
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	812743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1310630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1133524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	486654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	369964	54.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.880%			
35) Dibromofluoromethane	7.640	113	418712	51.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.109	98	1455594	48.535	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.407	95	455763	46.030	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.060%			
Target Compounds						Qvalue

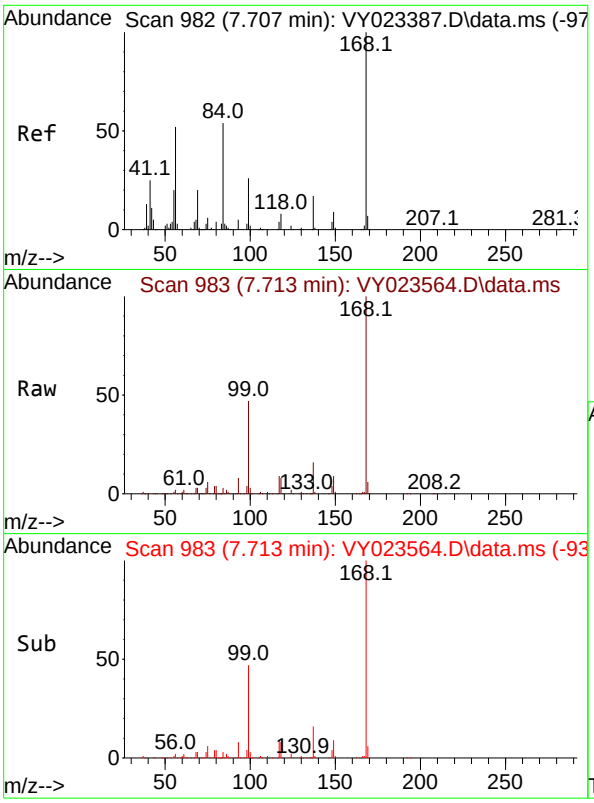
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Quant Time: Oct 24 23:49:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



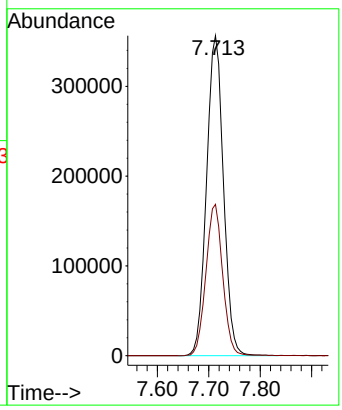


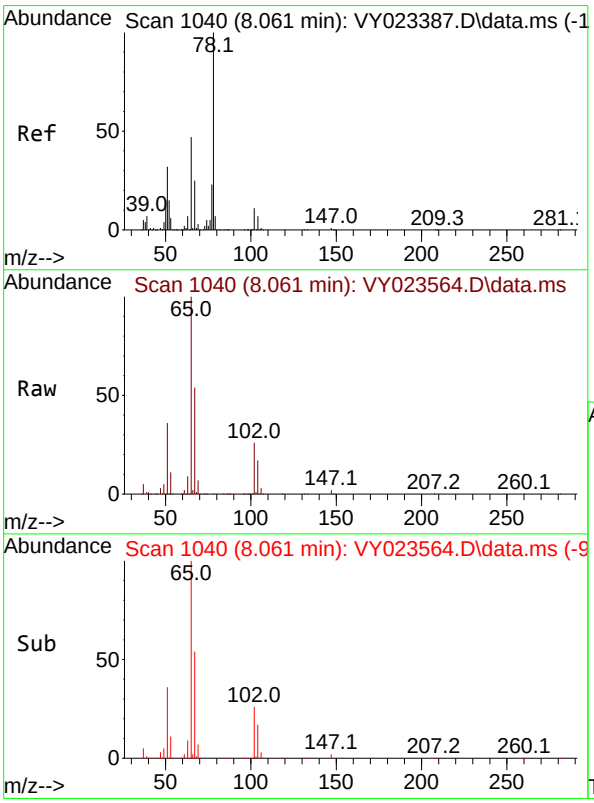
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Tgt Ion:168 Resp: 812743

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.7	59.5

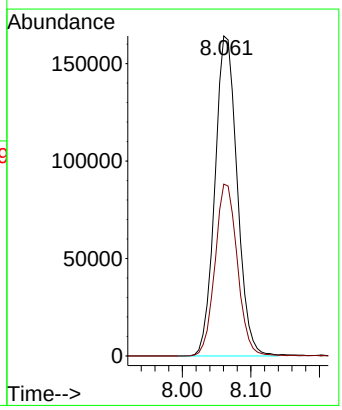


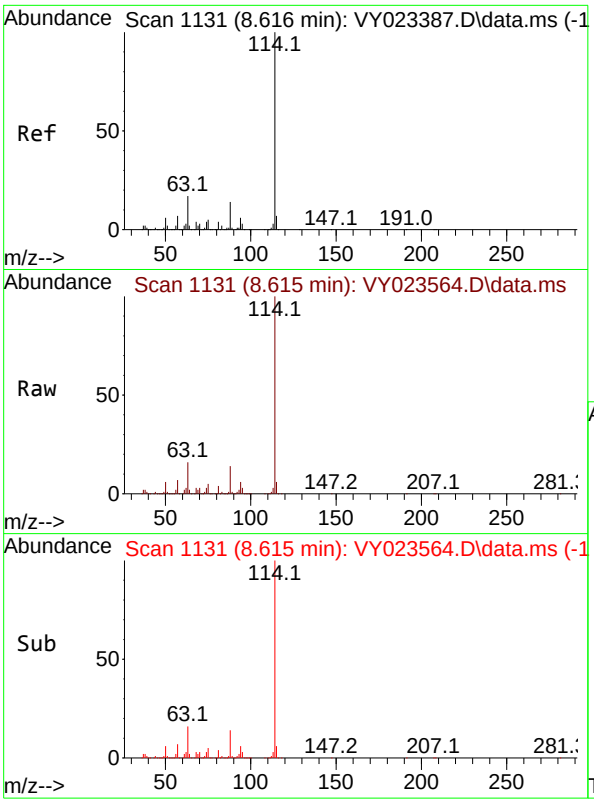


#33
1,2-Dichloroethane-d4
Concen: 54.436 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Tgt Ion: 65 Resp: 369964

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.8



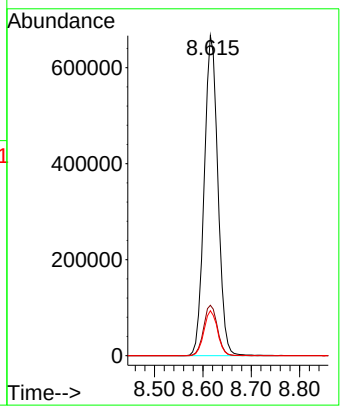


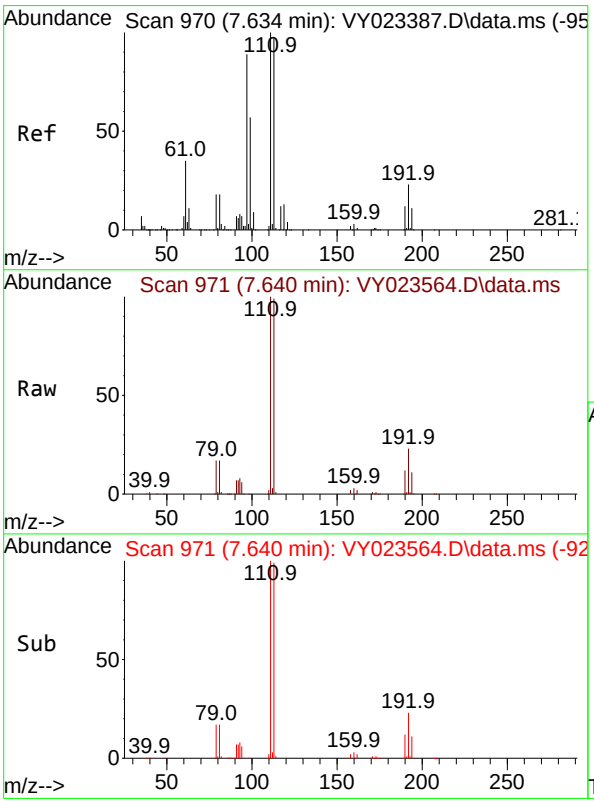
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Tgt Ion:114 Resp: 1310630

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	34.2
88	14.1	0.0	28.4

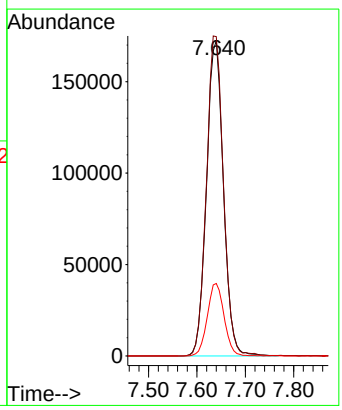


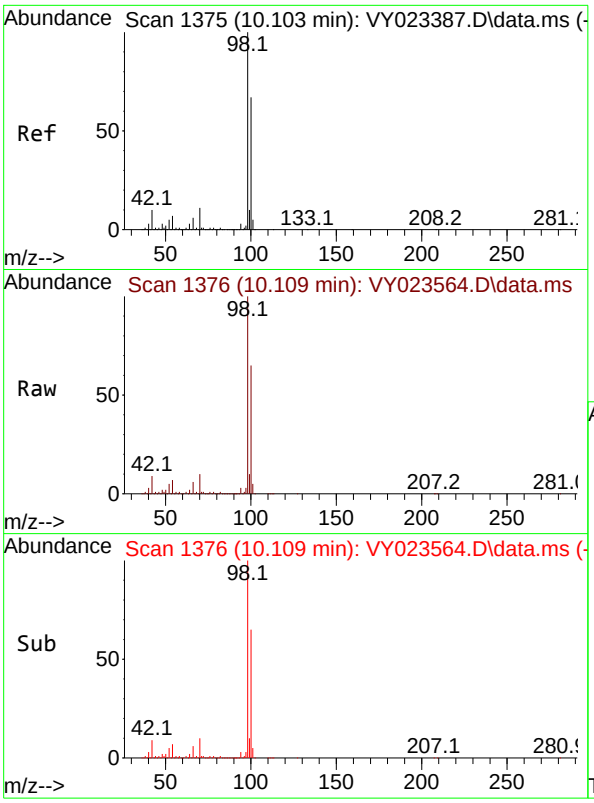


#35
Dibromofluoromethane
Concen: 51.993 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Tgt Ion:113 Resp: 418712

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.8	18.0	27.0



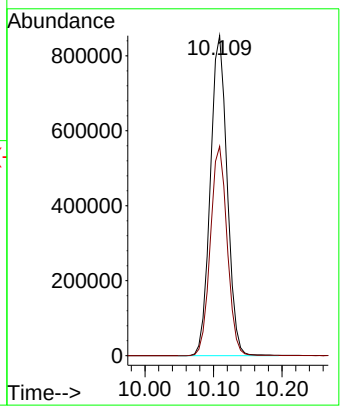


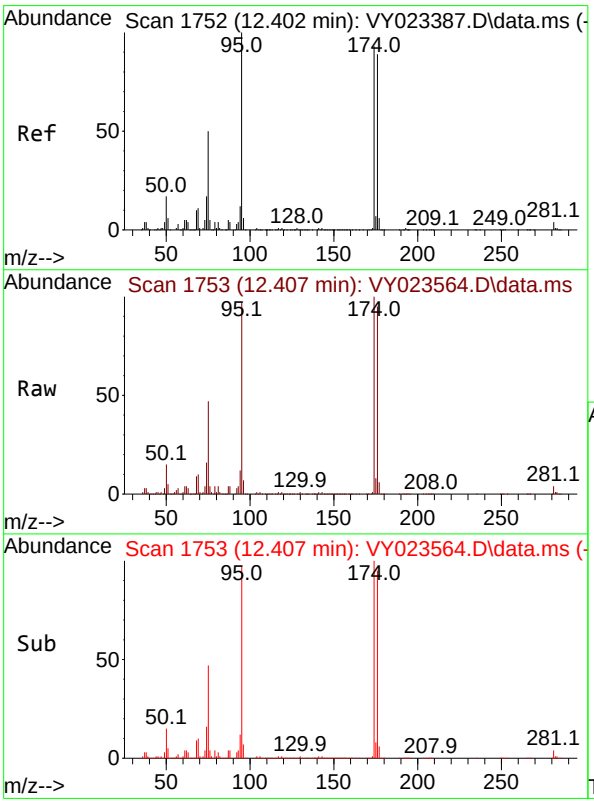
#50
Toluene-d8
Concen: 48.535 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Tgt Ion: 98 Resp: 1455594

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

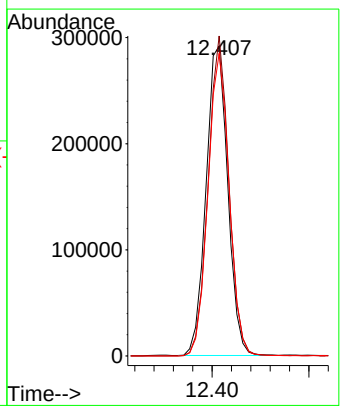


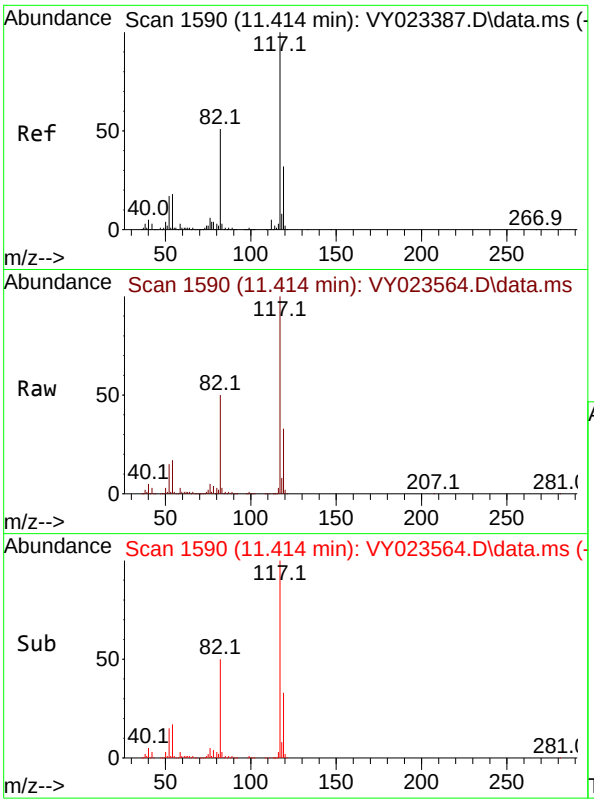


#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Tgt Ion: 95 Resp: 455763

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	192.8
176	95.5	0.0	187.6



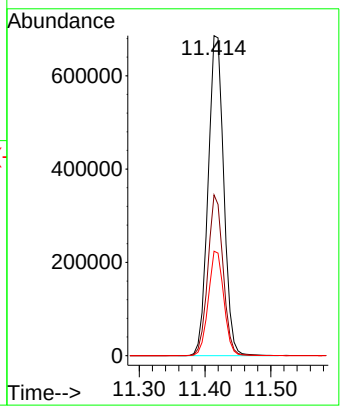


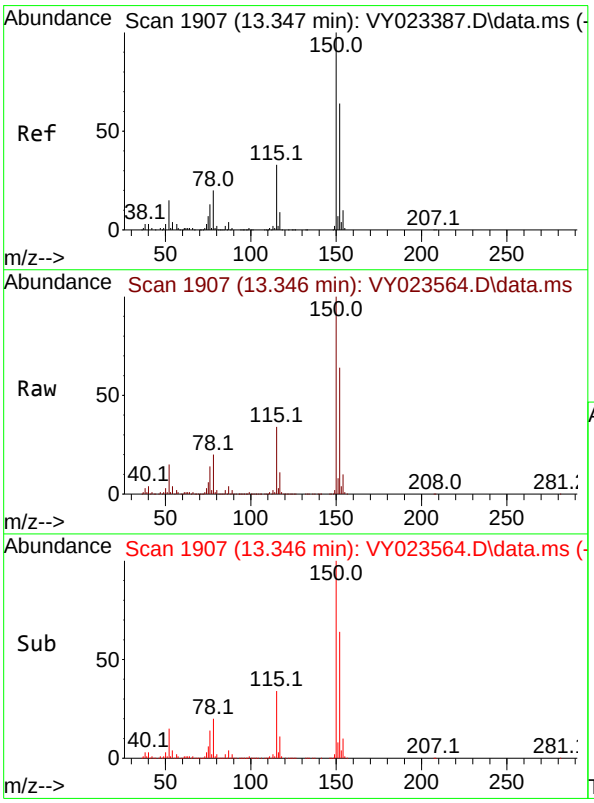
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Tgt Ion:117 Resp: 1133524

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.0	61.4
119	32.6	25.6	38.4

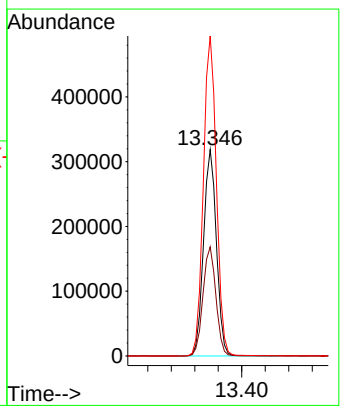




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023564.D
Acq: 24 Oct 2025 11:21

Tgt Ion:152 Resp: 486654

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.1	81.2
150	156.0	0.0	347.4



Sample Results: **VY023564.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023564.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	465	476	490	rBV3	13409	47703	1.30%	0.237%
2	6.890	839	848	859	rBV2	16438	52571	1.43%	0.261%
3	7.640	958	971	976	rBV	570658	1375107	37.52%	6.832%
4	7.713	976	983	1003	rVB	948926	2177178	59.41%	10.817%
5	8.061	1030	1040	1053	rBV	474959	1092394	29.81%	5.427%
6	8.615	1122	1131	1146	rBV	1395791	2753168	75.12%	13.679%
7	10.109	1368	1376	1392	rBV	2126071	3664970	100.00%	18.209%
8	11.212	1552	1557	1568	rVB6	19248	51101	1.39%	0.254%
9	11.414	1583	1590	1602	rBV	1921756	3148669	85.91%	15.644%
10	11.657	1624	1630	1635	rVV3	33887	85830	2.34%	0.426%
11	11.926	1667	1674	1683	rBV4	34349	104716	2.86%	0.520%
12	12.127	1702	1707	1710	rBV4	27188	48878	1.33%	0.243%
13	12.407	1747	1753	1764	rVB	1544956	2424526	66.15%	12.046%
14	12.730	1796	1806	1811	rVV4	79491	177104	4.83%	0.880%
15	12.785	1811	1815	1819	rVB3	23983	37241	1.02%	0.185%
16	12.962	1841	1844	1850	rVB3	26637	47407	1.29%	0.236%
17	13.224	1882	1887	1893	rBV4	26659	63233	1.73%	0.314%
18	13.346	1900	1907	1915	rVB	1722658	2662432	72.65%	13.228%
19	13.474	1923	1928	1934	rVB4	20607	43273	1.18%	0.215%
20	13.663	1954	1959	1964	rBV3	38560	69802	1.90%	0.347%

Sum of corrected areas: 20127303

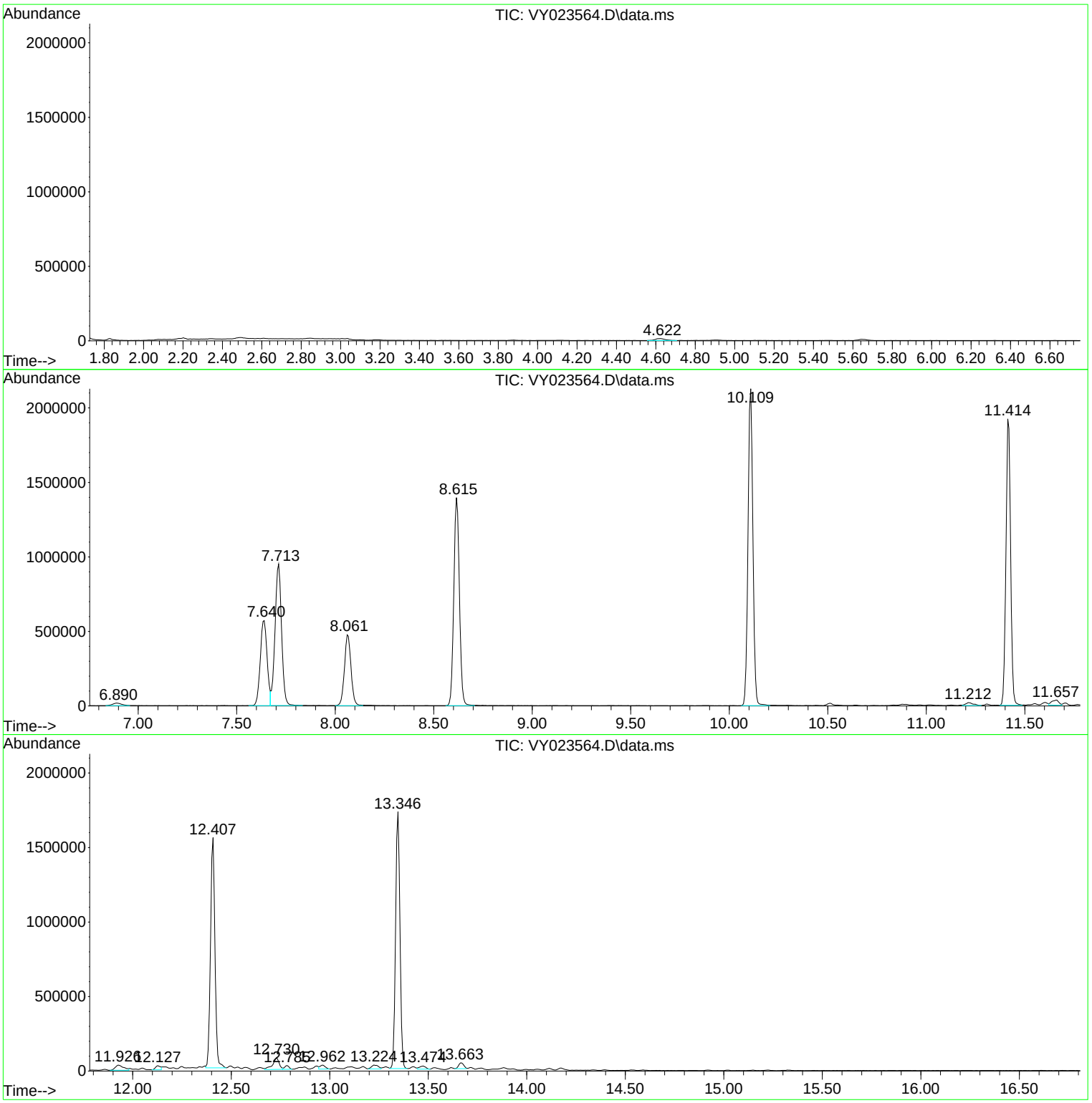
Sample Results: **VY023564.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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\VY102425\
Data File : VY023564.D
Acq On : 24 Oct 2025 11:21
Operator : SY/MD
Sample : Q3413-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-184-GW-980-982

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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

Raw Data: **VX048261.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:	10/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/20/25
Client Sample ID:	BP-VPB-184-TB-20251017	SDG No.:	Q3413
Lab Sample ID:	Q3413-02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 12:17	VX102125
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/21/25 12:17	VX102125
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/21/25 12:17	VX102125
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/21/25 12:17	VX102125
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/21/25 12:17	VX102125
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/21/25 12:17	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 12:17	VX102125
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/21/25 12:17	VX102125
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/21/25 12:17	VX102125
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/21/25 12:17	VX102125
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 12:17	VX102125
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/21/25 12:17	VX102125
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/21/25 12:17	VX102125
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 12:17	VX102125
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 12:17	VX102125
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/21/25 12:17	VX102125
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/21/25 12:17	VX102125
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 12:17	VX102125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/21/25 12:17	VX102125
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 12:17	VX102125
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 12:17	VX102125
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 12:17	VX102125
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 12:17	VX102125
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 12:17	VX102125
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 12:17	VX102125
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/21/25 12:17	VX102125
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 12:17	VX102125
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 12:17	VX102125
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/21/25 12:17	VX102125
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/21/25 12:17	VX102125
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/21/25 12:17	VX102125
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 12:17	VX102125
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/21/25 12:17	VX102125
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/21/25 12:17	VX102125
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/21/25 12:17	VX102125
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 12:17	VX102125
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 12:17	VX102125
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 12:17	VX102125
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/21/25 12:17	VX102125
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/21/25 12:17	VX102125
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 12:17	VX102125
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 12:17	VX102125
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/21/25 12:17	VX102125

Raw Data: **VX048261.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:	10/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/20/25
Client Sample ID:	BP-VPB-184-TB-20251017	SDG No.:	Q3413
Lab Sample ID:	Q3413-02	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 12:17	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/21/25 12:17	VX102125
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 12:17	VX102125
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/21/25 12:17	VX102125
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 12:17	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/21/25 12:17	VX102125
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 12:17	VX102125
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/21/25 12:17	VX102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	53.2			81 - 118		106%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.3			80 - 119		95%	SPK: 50		
2037-26-5	Toluene-d8	45.6			89 - 112		91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.4			85 - 114		107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	110000								
540-36-3	1,4-Difluorobenzene	219000								
3114-55-4	Chlorobenzene-d5	229000								
3855-82-1	1,4-Dichlorobenzene-d4	117000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Quant Time: Oct 21 12:34:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

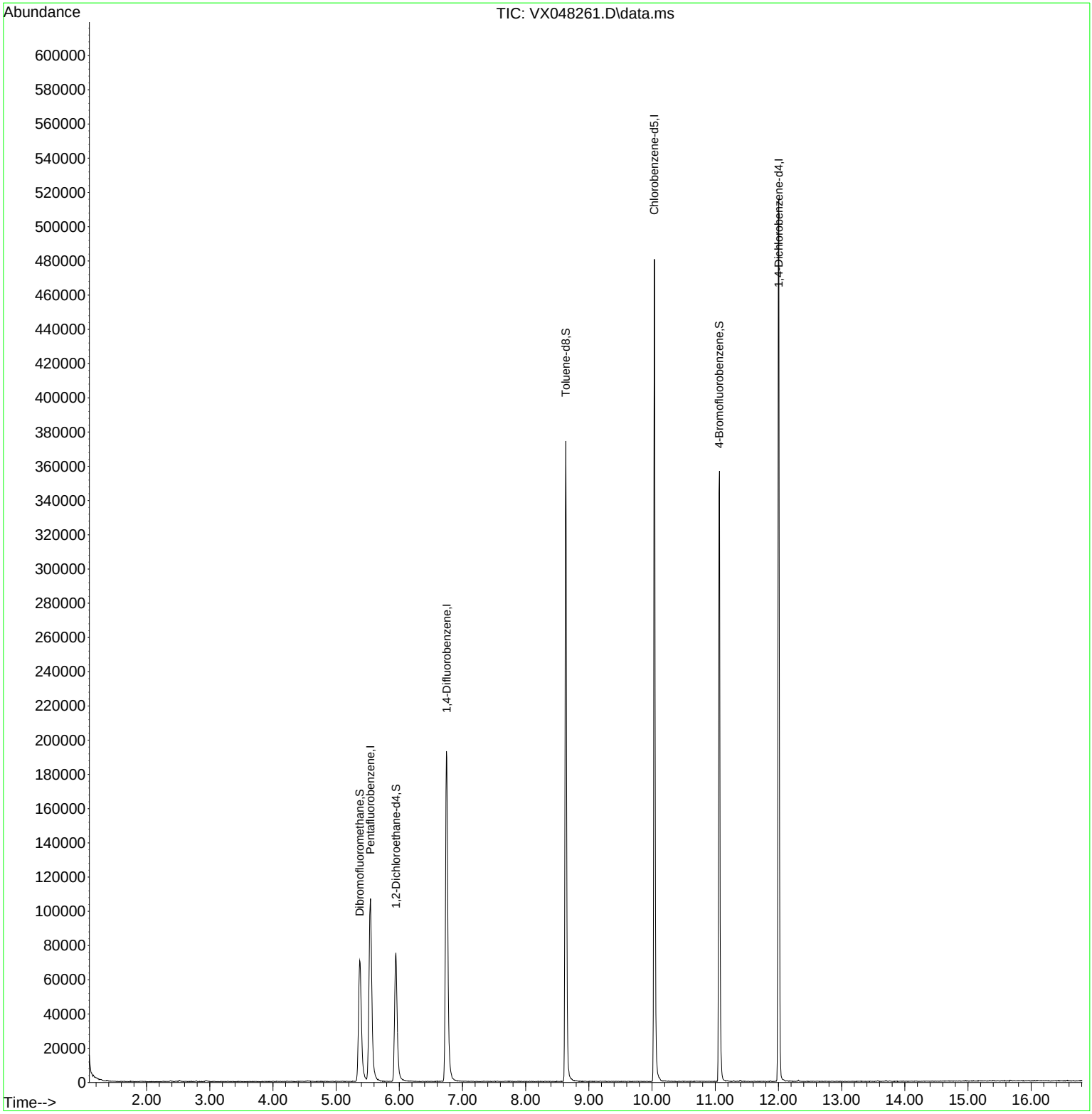
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	110202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82133	53.157	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.320%			
35) Dibromofluoromethane	5.373	113	70858	47.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	8.635	98	239412	45.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.280%#			
62) 4-Bromofluorobenzene	11.061	95	106615	53.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.840%			
Target Compounds						Qvalue

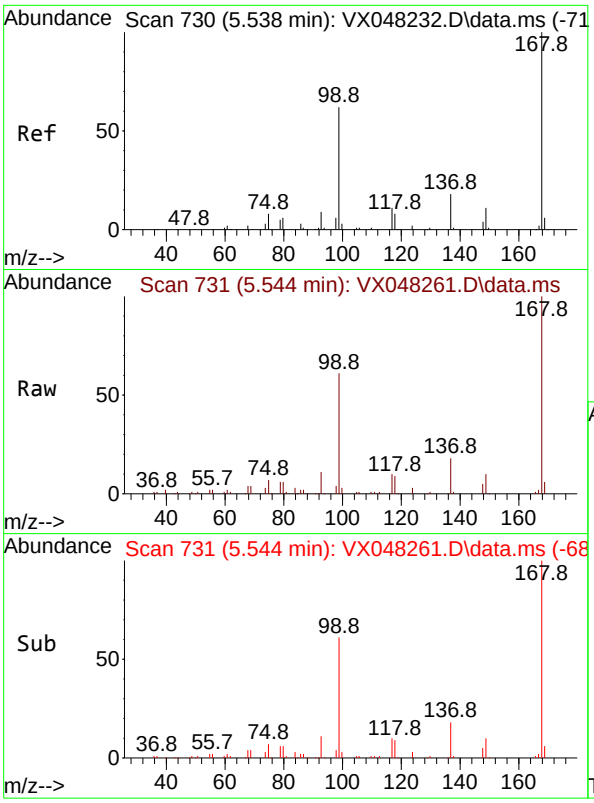
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Quant Time: Oct 21 12:34:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



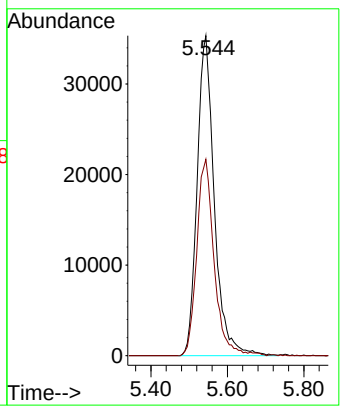


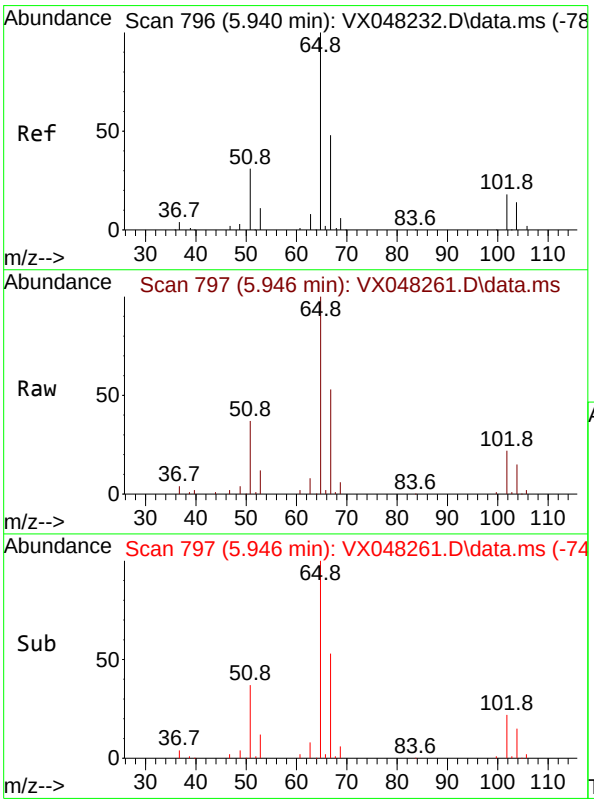
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Tgt Ion:168 Resp: 110202

Ion	Ratio	Lower	Upper
168	100		
99	61.4	46.4	69.6

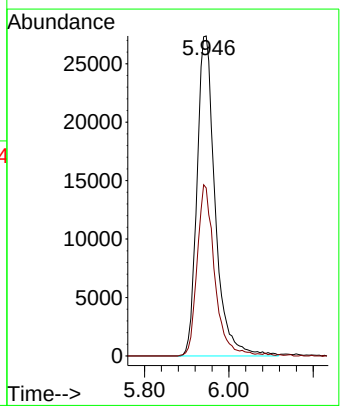


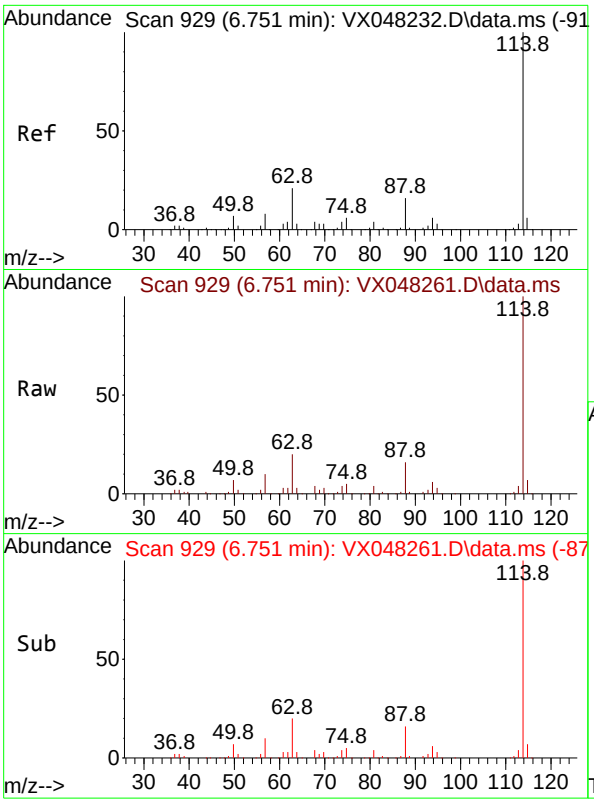


#33
1,2-Dichloroethane-d4
Concen: 53.157 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion: 65 Resp: 82133

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.0



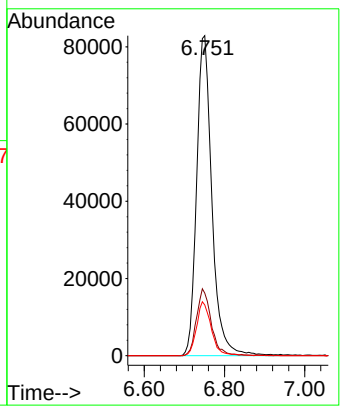


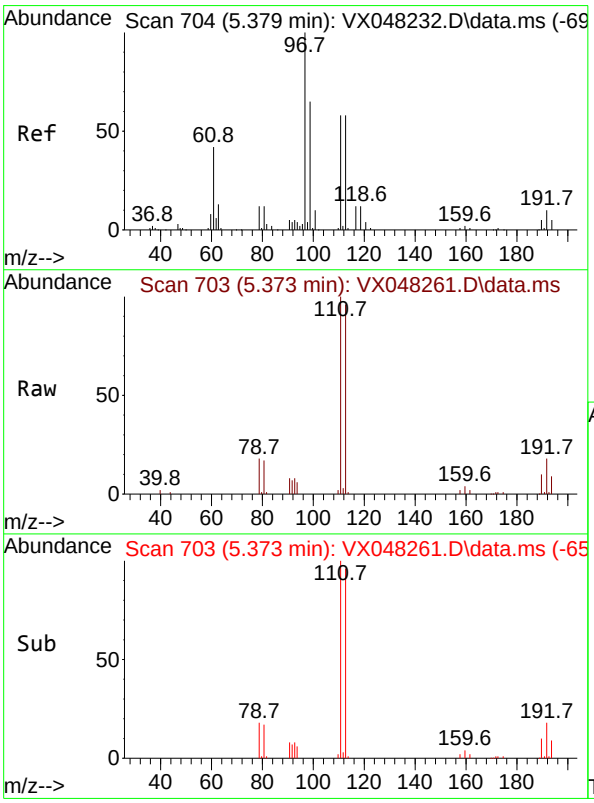
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Tgt Ion:114 Resp: 219240

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	15.8	0.0	33.6

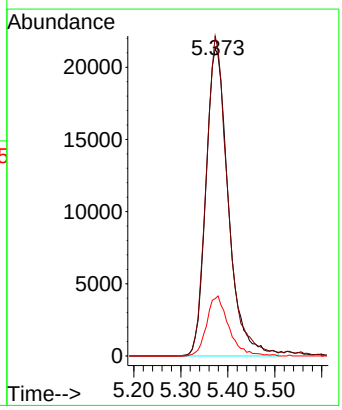


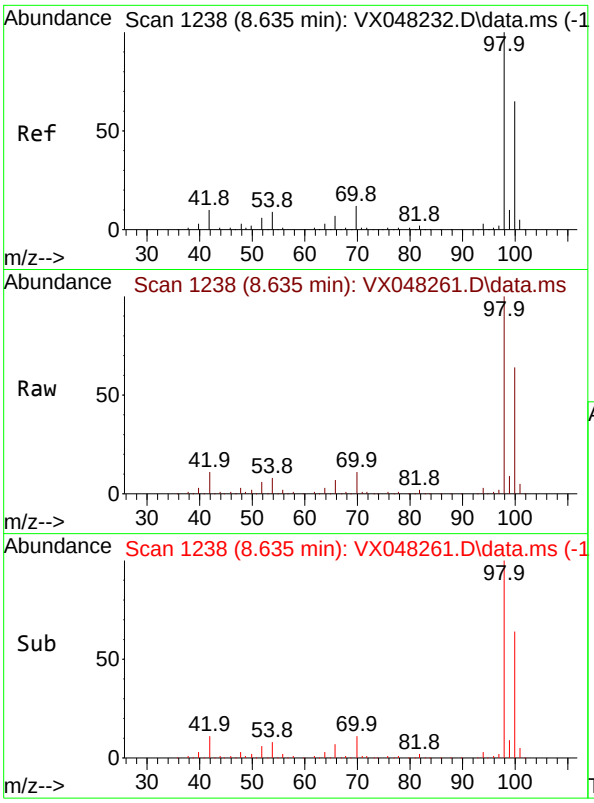


#35
Dibromofluoromethane
Concen: 47.342 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion:113 Resp: 70858

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	19.1	15.1	22.7



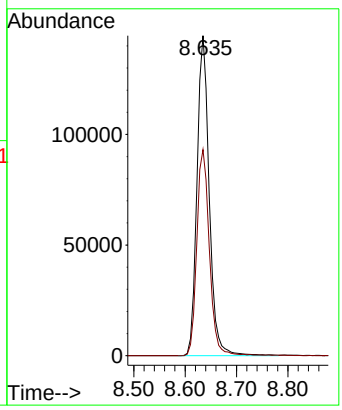


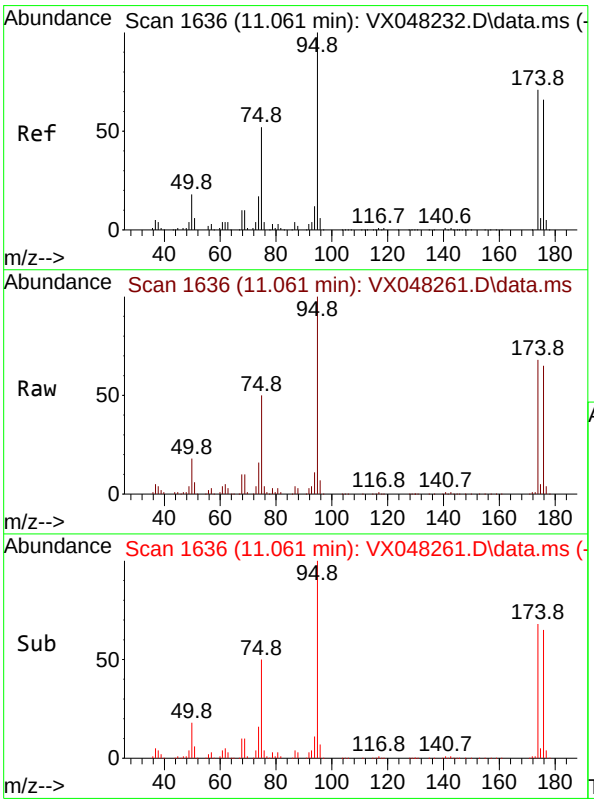
#50
Toluene-d8
Concen: 45.635 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Tgt Ion: 98 Resp: 239412

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

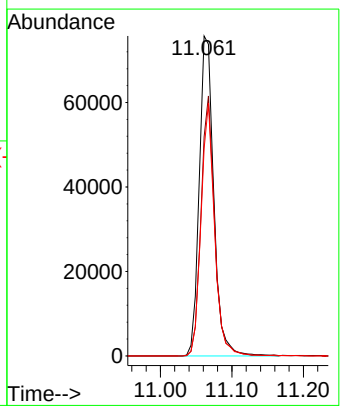


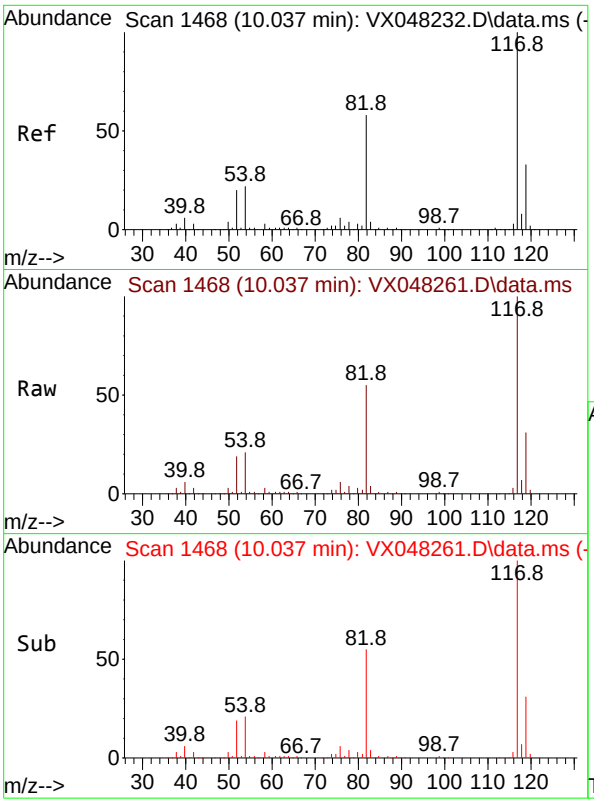


#62
4-Bromofluorobenzene
Concen: 53.419 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion: 95 Resp: 106615

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	147.8
176	73.9	0.0	142.8



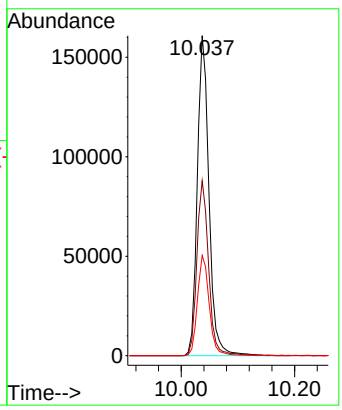


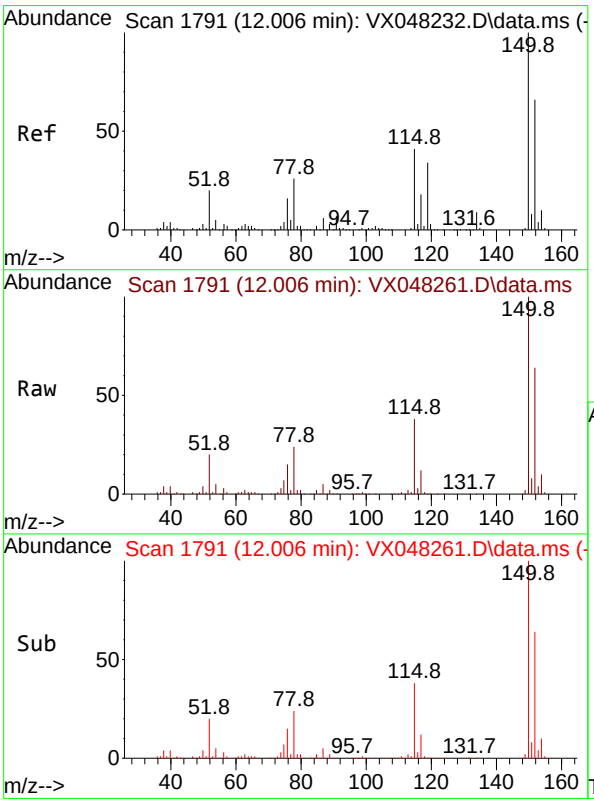
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Tgt Ion:117 Resp: 229169

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.5	69.7
119	31.3	25.9	38.9

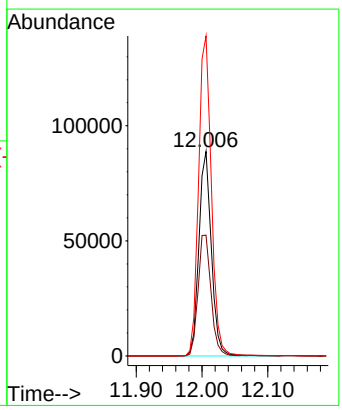




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048261.D
Acq: 21 Oct 2025 12:17

Tgt Ion:152 Resp: 116744

Ion	Ratio	Lower	Upper
152	100		
115	61.8	43.1	129.4
150	160.6	0.0	353.0



LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

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_X\Method\82X102025W.M
Title : SW846 8260

Signal : TIC: VX048261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV4	70563	229373	32.48%	6.034%
2	5.544	720	731	749	rVB	105956	326514	46.24%	8.589%
3	5.946	786	797	815	rBV	75101	218064	30.88%	5.736%
4	6.745	919	928	950	rBV	192967	504772	71.49%	13.278%
5	8.635	1231	1238	1258	rBV	374081	628006	88.94%	16.520%
6	10.037	1462	1468	1487	rBV	480321	687198	97.32%	18.077%
7	11.067	1631	1637	1653	rBV	356602	501471	71.02%	13.191%
8	12.006	1785	1791	1801	rBV	515594	706102	100.00%	18.574%

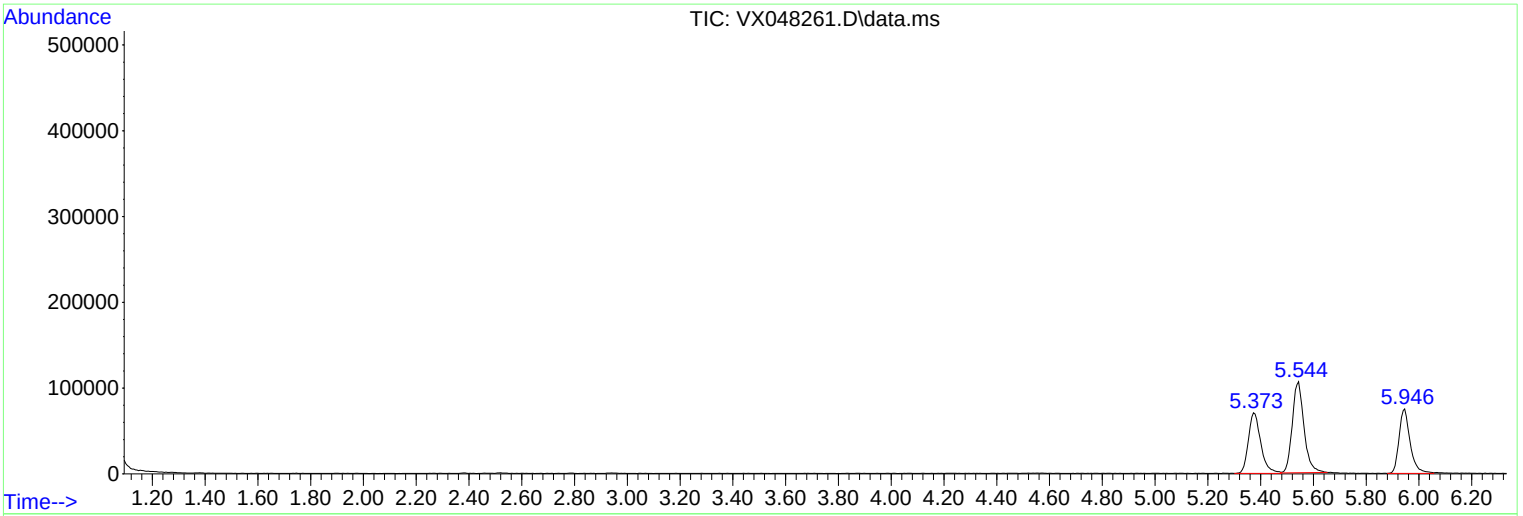
Sum of corrected areas: 3801500

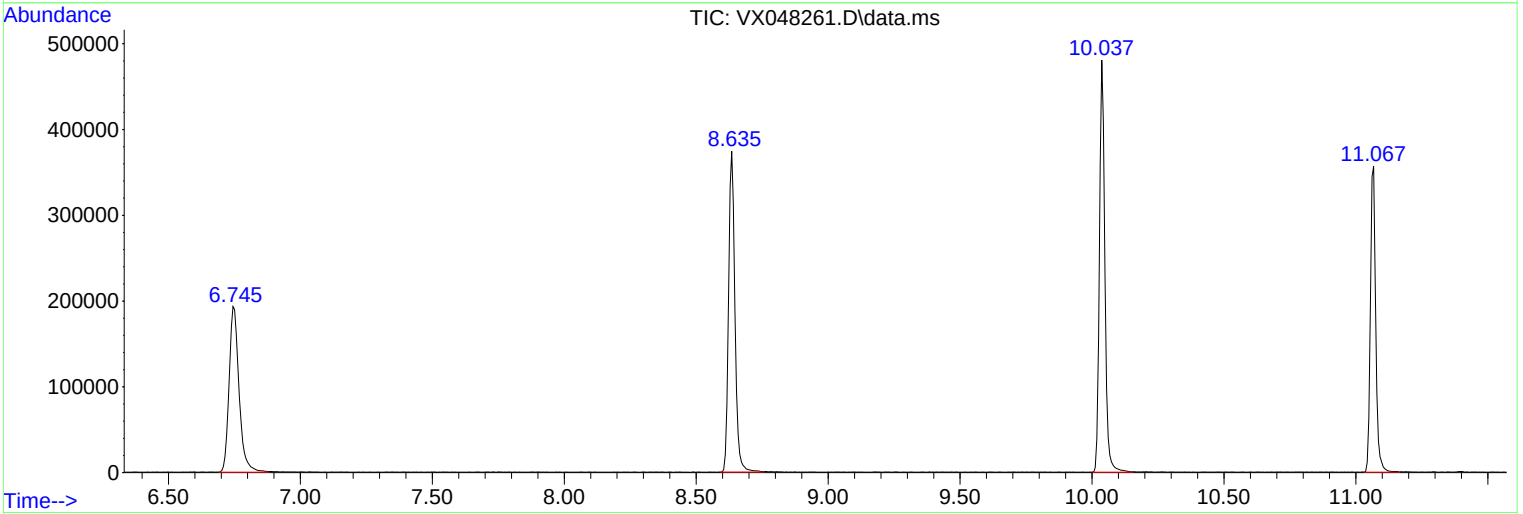
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

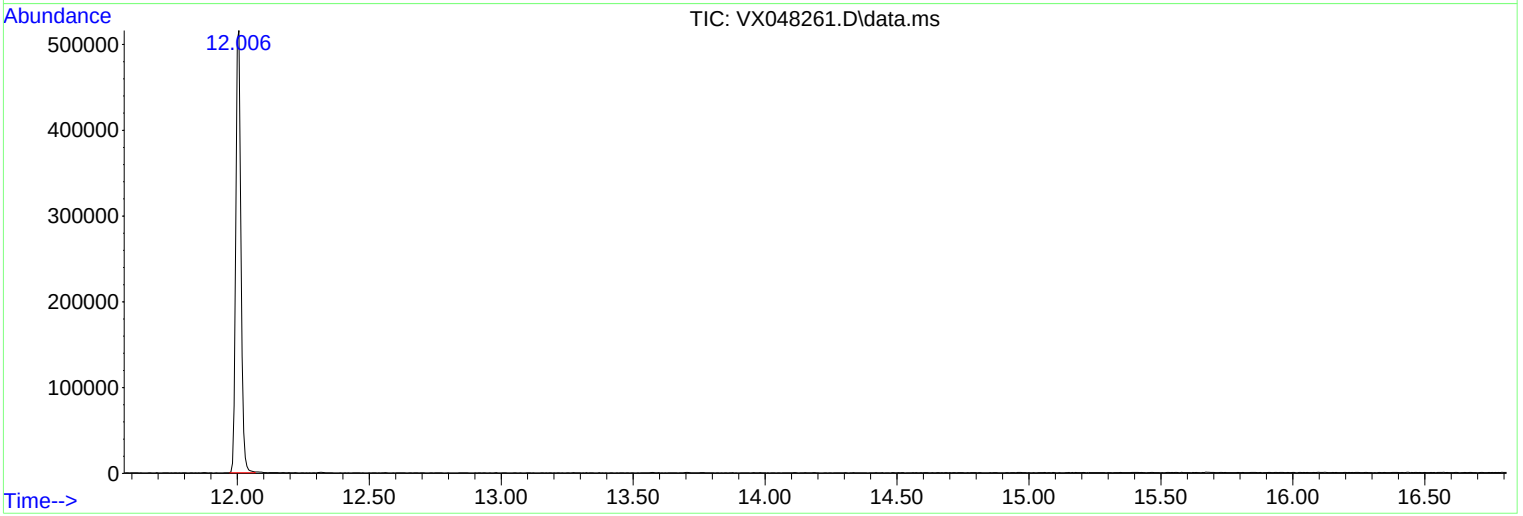
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.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_X\Data\VX102125\
Data File : VX048261.D
Acq On : 21 Oct 2025 12:17
Operator : JC/MD
Sample : Q3413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.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

Raw Data

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: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3413

Instrument ID: MSVOA_X Calibration Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048229.D RRF020 = VX048231.D RRF050 = VX048232.D
RRF100 = VX048233.D RRF150 = VX048234.D RRF005 = VX048236.D

COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.522	0.513	0.483	0.540	0.504	0.522	0.514	3.7
Chloromethane	0.506	0.468	0.449	0.476	0.471	0.508	0.480	4.8
Vinyl Chloride	0.447	0.437	0.416	0.462	0.445	0.458	0.444	3.7
Bromomethane		0.323	0.282	0.280	0.276	0.346	0.302	10.4
Chloroethane	0.233	0.277	0.247	0.282	0.267	0.261	0.261	7.2
Trichlorofluoromethane	0.776	0.874	0.807	0.907	0.869	0.880	0.852	5.8
1,1,2-Trichlorotrifluoroethane	0.512	0.540	0.501	0.583	0.549	0.553	0.540	5.5
1,1-Dichloroethene	0.515	0.548	0.485	0.558	0.531	0.514	0.525	5
Acetone	0.300	0.250	0.202	0.221	0.206	0.262	0.240	15.7
Carbon Disulfide	2.034	1.612	1.442	1.617	1.532	1.689	1.654	12.4
Methyl tert-butyl Ether	1.894	1.909	1.704	1.817	1.764	1.657	1.791	5.7
Methyl Acetate	0.514	0.551	0.466	0.514	0.504	0.464	0.502	6.6
Methylene Chloride	0.555	0.651	0.552	0.597	0.567	0.595	0.586	6.4
trans-1,2-Dichloroethene	0.587	0.585	0.535	0.592	0.558	0.603	0.577	4.4
1,1-Dichloroethane	1.116	1.085	0.977	1.055	1.019	1.054	1.051	4.6
Cyclohexane		0.894	0.821	0.926	0.866	0.843	0.870	4.8
2-Butanone	0.311	0.329	0.281	0.301	0.290	0.315	0.304	5.7
Carbon Tetrachloride	0.650	0.594	0.553	0.604	0.567	0.622	0.599	5.9
cis-1,2-Dichloroethene	0.682	0.700	0.626	0.695	0.661	0.673	0.673	4
Bromochloromethane	0.388	0.404	0.441	0.462	0.452	0.469	0.436	7.5
Chloroform	1.147	1.208	1.046	1.127	1.067	1.143	1.123	5.2
1,1,1-Trichloroethane	1.049	1.085	0.973	1.055	1.007	1.041	1.035	3.8
Methylcyclohexane	0.551	0.548	0.540	0.626	0.582	0.590	0.573	5.7
Benzene	1.493	1.480	1.301	1.426	1.347	1.405	1.409	5.3
1,2-Dichloroethane	0.529	0.566	0.500	0.528	0.496	0.499	0.520	5.2
Trichloroethene	0.400	0.373	0.348	0.380	0.363	0.366	0.372	4.7
1,2-Dichloropropane	0.309	0.362	0.321	0.347	0.333	0.337	0.335	5.5
Bromodichloromethane	0.570	0.592	0.538	0.573	0.538	0.567	0.563	3.8
4-Methyl-2-Pentanone	0.366	0.422	0.377	0.384	0.362	0.374	0.381	5.7
Toluene	0.881	0.944	0.862	0.910	0.849	0.925	0.895	4.2

* 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.

Raw Data

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: Alliance | Contract: TETR06

Lab Code: ACE | SDG No.: Q3413

Instrument ID: MSVOA_X | Calibration Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Calibration Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048229.D RRF020 = VX048231.D RRF050 = VX048232.D
RRF100 = VX048233.D RRF150 = VX048234.D RRF005 = VX048236.D

COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.477	0.582	0.545	0.574	0.553	0.526	0.543	7
cis-1,3-Dichloropropene	0.582	0.604	0.572	0.615	0.585	0.556	0.586	3.7
1,1,2-Trichloroethane	0.318	0.357	0.321	0.333	0.313	0.355	0.333	5.8
2-Hexanone	0.231	0.298	0.267	0.271	0.256	0.271	0.266	8.3
Dibromochloromethane	0.482	0.476	0.425	0.442	0.418	0.441	0.447	5.9
1,2-Dibromoethane	0.346	0.393	0.342	0.359	0.336	0.353	0.355	5.7
Tetrachloroethene	0.418	0.378	0.328	0.370	0.361	0.385	0.373	7.9
Chlorobenzene	1.149	1.159	1.045	1.148	1.102	1.145	1.125	3.9
Ethyl Benzene	1.905	1.954	1.825	2.008	1.922	1.876	1.915	3.3
m/p-Xylenes	0.647	0.750	0.687	0.750	0.707	0.727	0.712	5.6
o-Xylene	0.652	0.712	0.664	0.723	0.686	0.684	0.687	3.9
Styrene	1.054	1.236	1.143	1.247	1.173	1.165	1.170	6
Bromoform	0.338	0.350	0.308	0.335	0.326	0.325	0.330	4.3
Isopropylbenzene	3.618	3.656	3.430	3.875	3.754	3.579	3.652	4.2
1,1,2,2-Tetrachloroethane	0.988	1.065	0.946	1.018	0.992	0.974	0.997	4.1
1,3-Dichlorobenzene	1.863	1.742	1.550	1.747	1.707	1.750	1.726	5.9
1,4-Dichlorobenzene	2.143	1.803	1.577	1.724	1.710	1.772	1.788	10.6
1,2-Dichlorobenzene	1.803	1.631	1.494	1.619	1.588	1.590	1.621	6.3
1,2-Dibromo-3-Chloropropane	0.167	0.219	0.195	0.224	0.223	0.187	0.202	11.5
1,2,4-Trichlorobenzene	1.441	0.975	0.959	1.114	1.094	0.994	1.096	16.5
1,2,3-Trichlorobenzene	1.154	0.942	0.909	1.050	1.033	0.947	1.006	9
1,2-Dichloroethane-d4		0.709	0.682	0.690	0.698	0.725	0.701	2.4
Dibromofluoromethane		0.345	0.330	0.346	0.348	0.338	0.341	2.2
Toluene-d8		1.185	1.185	1.196	1.195	1.221	1.196	1.2
4-Bromofluorobenzene		0.445	0.444	0.446	0.441	0.500	0.455	5.5

* 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_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025
Response Via : Initial Calibration

Calibration Files
1 =VX048229.D 5 =VX048236.D 20 =VX048231.D 50 =VX048232.D 100 =VX048233.D 150 =VX048234.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.522	0.522	0.513	0.483	0.540	0.504	0.514	3.74
3)	P	Chloromethane	0.506	0.508	0.468	0.449	0.476	0.471	0.480	4.81
4)	C	Vinyl Chloride	0.447	0.458	0.437	0.416	0.462	0.445	0.444	3.69#
5)	T	Bromomethane		0.346	0.323	0.282	0.280	0.276	0.302	10.42
6)	T	Chloroethane	0.233	0.261	0.277	0.247	0.282	0.267	0.261	7.16
7)	T	Trichlorofluor...	0.776	0.880	0.874	0.807	0.907	0.869	0.852	5.83
8)	T	Diethyl Ether	0.231	0.237	0.257	0.223	0.248	0.242	0.240	5.06
9)	T	1,1,2-Trichlor...	0.512	0.553	0.540	0.501	0.583	0.549	0.540	5.48
10)	T	Methyl Iodide		0.569	0.636	0.663	0.781	0.742	0.678	12.47
11)	T	Tert butyl alc...		0.087	0.069	0.062	0.067	0.064	0.070	14.22
12)	CM	1,1-Dichloroet...	0.515	0.514	0.548	0.485	0.558	0.531	0.525	5.03#
13)	T	Acrolein		0.079	0.063	0.065	0.074	0.073	0.071	9.21
14)	T	Allyl chloride	0.897	0.833	0.909	0.805	0.911	0.874	0.872	5.00
15)	T	Acrylonitrile	0.255	0.245	0.267	0.239	0.254	0.246	0.251	3.89
16)	T	Acetone	0.300	0.262	0.250	0.202	0.221	0.206	0.240	15.70
17)	T	Carbon Disulfide	2.034	1.689	1.612	1.442	1.617	1.532	1.654	12.36
18)	T	Methyl Acetate	0.514	0.464	0.551	0.466	0.514	0.504	0.502	6.56
19)	T	Methyl tert-bu...	1.894	1.657	1.909	1.704	1.817	1.764	1.791	5.66
20)	T	Methylene Chlo...	0.555	0.595	0.651	0.552	0.597	0.567	0.586	6.36
21)	T	trans-1,2-Dich...	0.587	0.603	0.585	0.535	0.592	0.558	0.577	4.38
22)	T	Diisopropyl ether	1.697	1.701	1.881	1.662	1.787	1.701	1.738	4.69
23)	T	Vinyl Acetate	1.261	1.326	1.521	1.348	1.466	1.408	1.389	6.90
24)	P	1,1-Dichloroet...	1.116	1.054	1.085	0.977	1.055	1.019	1.051	4.64
25)	T	2-Butanone		0.311	0.315	0.329	0.281	0.301	0.290	0.304	5.70
26)	T	2,2-Dichloropr...	1.002	0.945	0.973	0.876	0.973	0.924	0.949	4.69
27)	T	cis-1,2-Dichlo...	0.682	0.673	0.700	0.626	0.695	0.661	0.673	4.03
28)	T	Bromochloromet...	0.388	0.469	0.404	0.441	0.462	0.452	0.436	7.52
29)	T	Tetrahydrofuran	0.178	0.183	0.198	0.171	0.184	0.180	0.182	5.00
30)	C	Chloroform	1.147	1.143	1.208	1.046	1.127	1.067	1.123	5.22#
31)	T	Cyclohexane		0.843	0.894	0.821	0.926	0.866	0.870	4.76
32)	T	1,1,1-Trichlor...	1.049	1.041	1.085	0.973	1.055	1.007	1.035	3.83
33)	S	1,2-Dichloroet...		0.725	0.709	0.682	0.690	0.698	0.701	2.40
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.338	0.345	0.330	0.346	0.348	0.341	2.17
36)	T	1,1-Dichloropr...	0.562	0.475	0.491	0.433	0.490	0.460	0.485	8.96
37)	T	Ethyl Acetate	0.459	0.396	0.396	0.368	0.410	0.384	0.402	7.71
38)	T	Carbon Tetrach...	0.650	0.622	0.594	0.553	0.604	0.567	0.599	5.95
39)	T	Methylcyclohexane	0.551	0.590	0.548	0.540	0.626	0.582	0.573	5.73
40)	TM	Benzene	1.493	1.405	1.480	1.301	1.426	1.347	1.409	5.30
41)	T	Methacrylonitrile	0.192	0.198	0.237	0.205	0.223	0.213	0.211	7.85
42)	TM	1,2-Dichloroet...	0.529	0.499	0.566	0.500	0.528	0.496	0.520	5.23
43)	T	Isopropyl Acetate	0.659	0.612	0.709	0.635	0.682	0.665	0.661	5.16
44)	TM	Trichloroethene	0.400	0.366	0.373	0.348	0.380	0.363	0.372	4.73
45)	C	1,2-Dichloropr...	0.309	0.337	0.362	0.321	0.347	0.333	0.335	5.54#
46)	T	Dibromomethane	0.267	0.264	0.277	0.247	0.261	0.249	0.261	4.35
47)	T	Bromodichlorom...	0.570	0.567	0.592	0.538	0.573	0.538	0.563	3.79
48)	T	Methyl methacr...	0.332	0.300	0.356	0.322	0.350	0.340	0.333	6.07
49)	T	1,4-Dioxane	0.003	0.004	0.005	0.004	0.005	0.005	0.004	12.99
50)	S	Toluene-d8		1.221	1.185	1.185	1.195	1.195	1.196	1.22
51)	T	4-Methyl-2-Pen...	0.366	0.374	0.422	0.377	0.384	0.362	0.381	5.71
52)	CM	Toluene	0.881	0.925	0.944	0.861	0.910	0.849	0.895	4.15#
53)	T	t-1,3-Dichloro...	0.477	0.526	0.582	0.545	0.574	0.553	0.543	7.02
54)	T	cis-1,3-Dichlo...	0.582	0.556	0.604	0.572	0.615	0.585	0.586	3.67
55)	T	1,1,2-Trichlor...	0.318	0.355	0.357	0.321	0.333	0.313	0.333	5.78
56)	T	Ethyl methacry...	0.418	0.451	0.536	0.490	0.524	0.502	0.487	9.17

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X102025W.M

57)	T	1,3-Dichloropr...	0.563	0.572	0.614	0.548	0.572	0.541	0.568	4.51
58)	T	2-Chloroethyl ...	0.154	0.182	0.269	0.260	0.269	0.260	0.232	21.93
59)	T	2-Hexanone	0.231	0.271	0.298	0.267	0.271	0.256	0.266	8.30
60)	T	Dibromochlorom...	0.482	0.441	0.476	0.425	0.442	0.418	0.447	5.89
61)	T	1,2-Dibromoethane	0.346	0.353	0.393	0.342	0.359	0.336	0.355	5.72
62)	S	4-Bromofluorob...		0.500	0.445	0.444	0.446	0.441	0.455	5.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.418	0.385	0.378	0.328	0.370	0.361	0.373	7.92
65)	PM	Chlorobenzene	1.149	1.145	1.159	1.045	1.148	1.102	1.125	3.89
66)	T	1,1,1,2-Tetrac...	0.422	0.405	0.423	0.390	0.430	0.409	0.413	3.53
67)	C	Ethyl Benzene	1.905	1.876	1.954	1.825	2.008	1.922	1.915	3.30#
68)	T	m/p-Xylenes	0.647	0.727	0.750	0.687	0.750	0.707	0.712	5.60
69)	T	o-Xylene	0.652	0.684	0.712	0.664	0.723	0.686	0.687	3.93
70)	T	Styrene	1.054	1.165	1.236	1.143	1.247	1.173	1.170	5.98
71)	P	Bromoform	0.338	0.325	0.350	0.308	0.335	0.326	0.330	4.27
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.618	3.579	3.656	3.430	3.875	3.754	3.652	4.17
74)	T	N-amyl acetate	1.229	1.150	1.339	1.248	1.415	1.392	1.295	7.97
75)	P	1,1,2,2-Tetrac...	0.988	0.974	1.065	0.946	1.018	0.992	0.997	4.08
76)	T	1,2,3-Trichlor...	0.929	0.767	0.822	0.735	0.810	0.802	0.811	8.14
77)	T	Bromobenzene	0.940	0.897	0.930	0.858	0.953	0.916	0.916	3.73
78)	T	n-propylbenzene	4.000	4.169	4.255	4.017	4.544	4.385	4.228	5.02
79)	T	2-Chlorotoluene	2.575	2.512	2.615	2.397	2.693	2.590	2.564	3.92
80)	T	1,3,5-Trimethy...	2.988	2.889	3.079	2.861	3.222	3.094	3.022	4.53
81)	T	trans-1,4-Dich...		0.287	0.330	0.316	0.366	0.368	0.333	10.35
82)	T	4-Chlorotoluene	3.097	2.958	3.119	2.883	3.143	3.059	3.043	3.34
83)	T	tert-Butylbenzene	3.128	3.047	3.086	2.915	3.282	3.173	3.105	3.98
84)	T	1,2,4-Trimethy...	2.791	2.991	3.077	2.864	3.247	3.126	3.016	5.61
85)	T	sec-Butylbenzene	3.789	3.690	3.683	3.476	3.969	3.809	3.736	4.39
86)	T	p-Isopropyltol...	3.342	3.222	3.159	2.986	3.399	3.265	3.229	4.53
87)	T	1,3-Dichlorobe...	1.863	1.750	1.742	1.550	1.747	1.707	1.726	5.86
88)	T	1,4-Dichlorobe...	2.143	1.772	1.803	1.577	1.724	1.710	1.788	10.65
89)	T	n-Butylbenzene	3.328	2.869	2.807	2.622	3.073	2.936	2.939	8.22
90)	T	Hexachloroethane	0.680	0.647	0.621	0.569	0.664	0.645	0.638	6.11
91)	T	1,2-Dichlorobe...	1.803	1.590	1.631	1.494	1.619	1.588	1.621	6.25
92)	T	1,2-Dibromo-3-...	0.167	0.187	0.219	0.195	0.224	0.223	0.202	11.51
93)	T	1,2,4-Trichlor...	1.441	0.994	0.975	0.959	1.114	1.094	1.096	16.47
94)	T	Hexachlorobuta...	0.953	0.482	0.399	0.373	0.426	0.409	0.507	43.70
95)	T	Naphthalene	2.942	2.473	2.880	2.776	3.171	3.181	2.904	9.14
96)	T	1,2,3-Trichlor...	1.154	0.947	0.942	0.909	1.050	1.033	1.006	9.04

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	117157	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	193186	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	177252	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86943	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 78 - 117		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 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	1223	0.995	ug/l		82
3) Chloromethane	1.301	50	1186	0.796	ug/l	#	62
4) Vinyl Chloride	1.380	62	1048	0.668	ug/l		92
6) Chloroethane	1.697	64	545	0.546	ug/l		91
7) Trichlorofluoromethane	1.898	101	1819	0.738	ug/l		98
8) Diethyl Ether	2.142	74	542	0.645	ug/l		81
9) 1,1,2-Trichlorotrifluo...	2.337	101	1199	0.864	ug/l		89
12) 1,1-Dichloroethene	2.325	96	1207	0.889	ug/l		88
14) Allyl chloride	2.666	41	2101	0.860	ug/l		96
15) Acrylonitrile	3.069	53	2984	5.171	ug/l		97
16) Acetone	2.380	43	3519	5.684	ug/l		98
17) Carbon Disulfide	2.520	76	4767	1.141	ug/l	#	92
18) Methyl Acetate	2.703	43	1204	0.955	ug/l	#	85
19) Methyl tert-butyl Ether	3.111	73	4437	1.085	ug/l		100
20) Methylene Chloride	2.794	84	1301	0.863	ug/l	#	76
21) trans-1,2-Dichloroethene	3.099	96	1376	0.980	ug/l		96
22) Diisopropyl ether	3.745	45	3977	0.832	ug/l	#	26
23) Vinyl Acetate	3.727	43	14769	4.131	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2615	0.964	ug/l		97
25) 2-Butanone	4.574	43	3638	5.043	ug/l		98
26) 2,2-Dichloropropane	4.465	77	2347	1.012	ug/l		84
27) cis-1,2-Dichloroethene	4.489	96	1598	0.959	ug/l		94
28) Bromochloromethane	4.879	49	908	0.726	ug/l	#	69
29) Tetrahydrofuran	5.007	42	2088	4.929	ug/l	#	73
30) Chloroform	5.093	83	2688	0.941	ug/l		97
32) 1,1,1-Trichloroethane	5.379	97	2459	1.048	ug/l	#	50
36) 1,1-Dichloropropene	5.696	75	2173	1.151	ug/l	#	62
37) Ethyl Acetate	4.727	43	1772m	1.174	ug/l		
38) Carbon Tetrachloride	5.672	117	2513m	1.159	ug/l		
39) Methylcyclohexane	7.373	83	2128	0.999	ug/l		94
40) Benzene	6.032	78	5767	1.028	ug/l	#	89
41) Methacrylonitrile	4.916	41	741m	0.917	ug/l		
42) 1,2-Dichloroethane	6.080	62	2044	1.017	ug/l		87
43) Isopropyl Acetate	6.336	43	2548	1.006	ug/l	#	85
44) Trichloroethene	7.117	130	1547	1.094	ug/l		83
45) 1,2-Dichloropropane	7.422	63	1195	0.842	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	1032	1.011	ug/l		95
47) Bromodichloromethane	7.812	83	2204	0.999	ug/l	#	79
48) Methyl methacrylate	7.684	41	1283	0.989	ug/l		95
49) 1,4-Dioxane	7.665	88	255	21.840	ug/l	#	34
51) 4-Methyl-2-Pentanone	8.562	43	7066	5.011	ug/l		91
52) Toluene	8.708	92	3403	1.010	ug/l		95
53) t-1,3-Dichloropropene	8.970	75	1844	0.892	ug/l	#	74
54) cis-1,3-Dichloropropene	8.360	75	2250	0.998	ug/l		90
55) 1,1,2-Trichloroethane	9.147	97	1229	0.977	ug/l	#	85
56) Ethyl methacrylate	9.104	69	1616	0.945	ug/l		96
57) 1,3-Dichloropropane	9.299	76	2174	0.989	ug/l		93
58) 2-Chloroethyl Vinyl ether	8.232	63	2970	3.381	ug/l		100
59) 2-Hexanone	9.421	43	4456	4.518	ug/l		92
60) Dibromochloromethane	9.507	129	1862	1.183	ug/l		95
61) 1,2-Dibromoethane	9.598	107	1338	1.037	ug/l		98
64) Tetrachloroethene	9.257	164	1482	1.192	ug/l		92
65) Chlorobenzene	10.067	112	4073	1.051	ug/l		90
66) 1,1,1,2-Tetrachloroethane	10.147	131	1495	1.070	ug/l	#	66
67) Ethyl Benzene	10.177	91	6752	1.016	ug/l		97
68) m/p-Xylenes	10.287	106	4589	1.854	ug/l		90
69) o-Xylene	10.628	106	2313	0.993	ug/l		99
70) Styrene	10.640	104	3737	0.932	ug/l		96
71) Bromoform	10.787	173	1198	1.168	ug/l	#	99
73) Isopropylbenzene	10.945	105	6291	1.040	ug/l		93
74) N-amyl acetate	10.829	43	2137	0.947	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.195	83	1718	1.003	ug/l		90
76) 1,2,3-Trichloropropane	11.220	75	1615m	1.216	ug/l		
77) Bromobenzene	11.183	156	1635	1.080	ug/l		91
78) n-propylbenzene	11.287	91	6956	0.949	ug/l		94
79) 2-Chlorotoluene	11.348	91	4477	1.010	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	5196	1.047	ug/l		97
82) 4-Chlorotoluene	11.439	91	5385	1.034	ug/l		99
83) tert-Butylbenzene	11.695	119	5439	1.085	ug/l		91
84) 1,2,4-Trimethylbenzene	11.738	105	4854	0.982	ug/l		99
85) sec-Butylbenzene	11.872	105	6589	1.075	ug/l		99
86) p-Isopropyltoluene	11.994	119	5812	1.125	ug/l		91
87) 1,3-Dichlorobenzene	11.951	146	3239	1.145	ug/l		96
88) 1,4-Dichlorobenzene	12.024	146	3727m	1.270	ug/l		
89) n-Butylbenzene	12.317	91	5787	1.202	ug/l		98
90) Hexachloroethane	12.518	117	1182	1.084	ug/l		77
91) 1,2-Dichlorobenzene	12.317	146	3135	1.172	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.933	75	290	0.926	ug/l		79
93) 1,2,4-Trichlorobenzene	13.573	180	2505	1.587	ug/l		90
94) Hexachlorobutadiene	13.707	225	1658	2.724	ug/l		97
95) Naphthalene	13.762	128	5116	1.230	ug/l		98
96) 1,2,3-Trichlorobenzene	13.945	180	2006	1.377	ug/l		100

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

ICAL Form

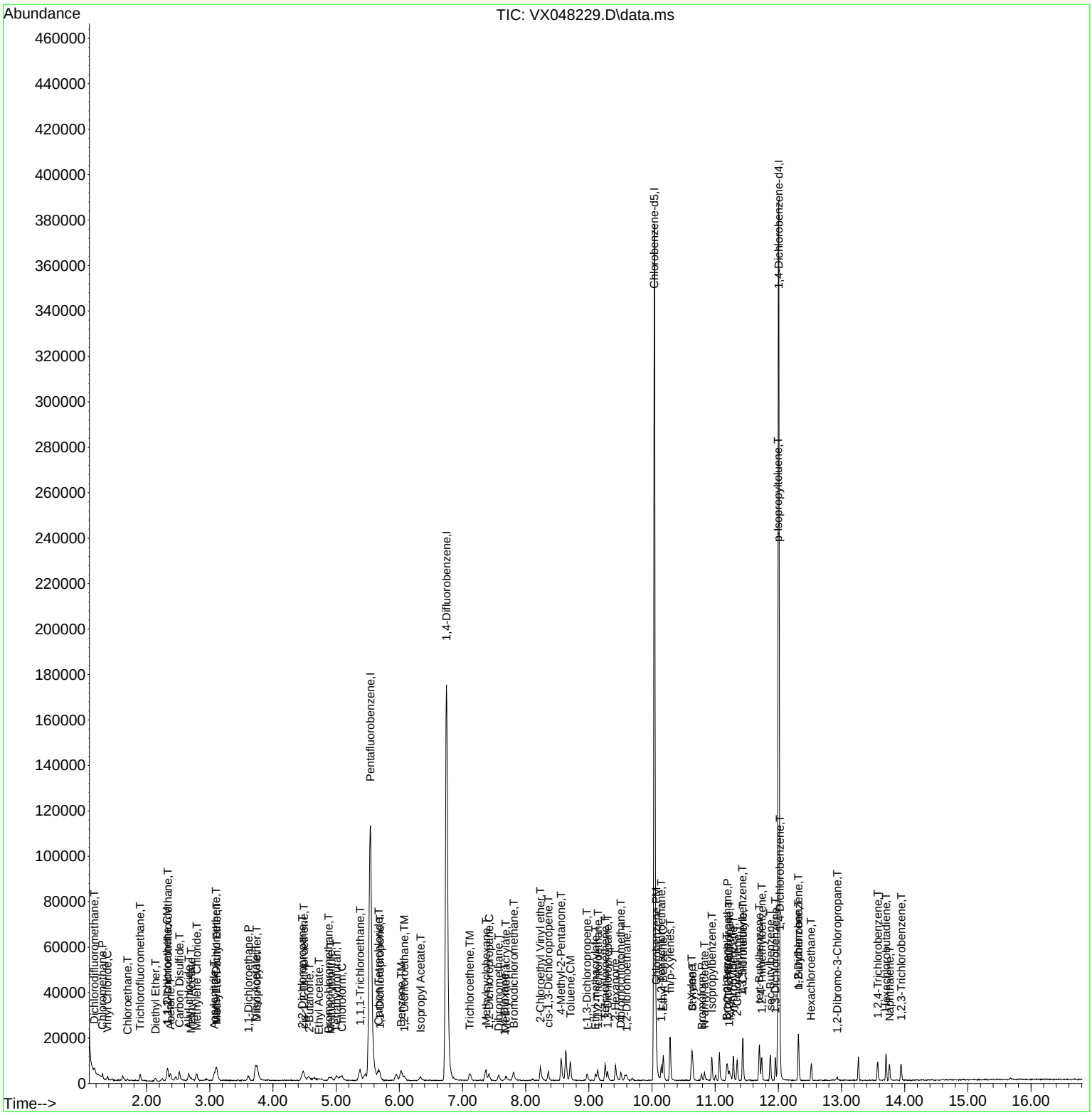
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

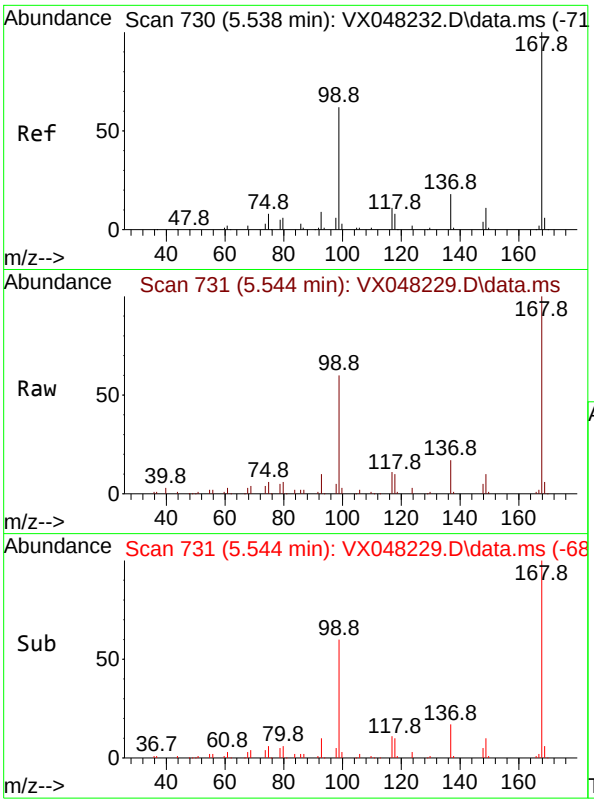
Quant Time: Oct 20 12:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

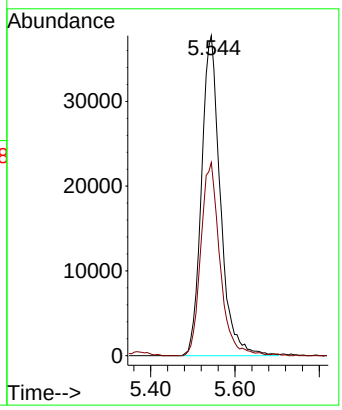




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:168 Resp: 11715

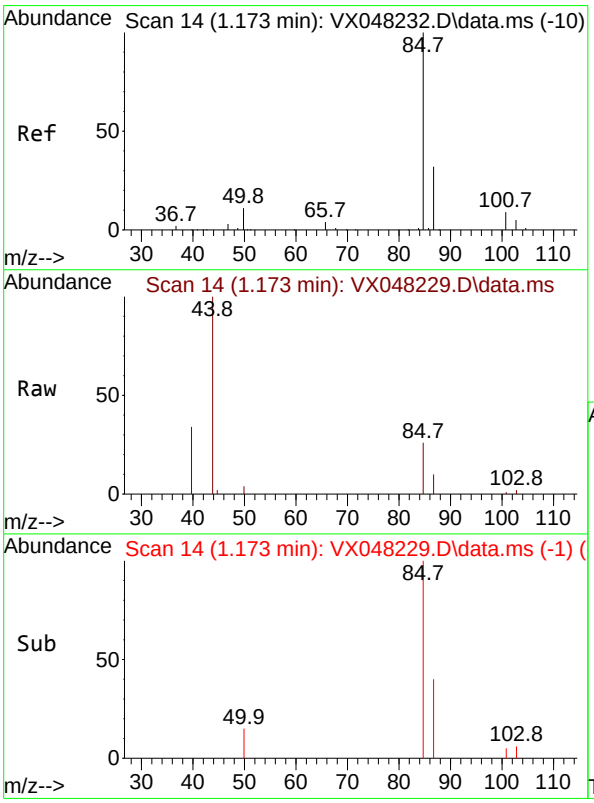
Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

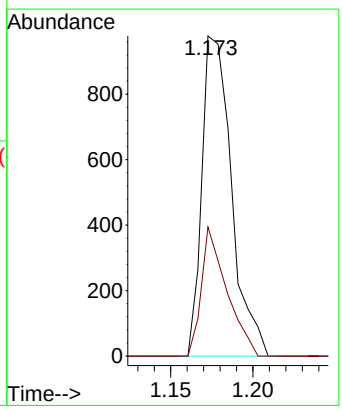
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

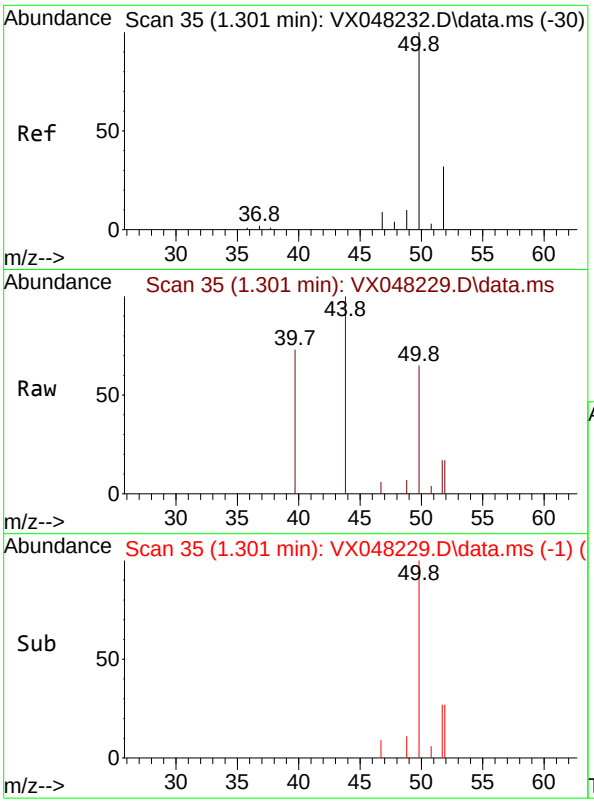


#2
Dichlorodifluoromethane
Concen: 0.995 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 85 Resp: 1223

Ion	Ratio	Lower	Upper
85	100		
87	40.3	15.3	45.9

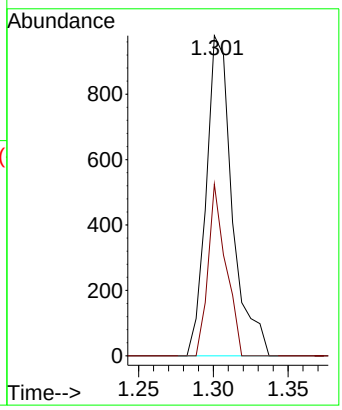




#3
Chloromethane
Concen: 0.796 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 50 Resp: 118

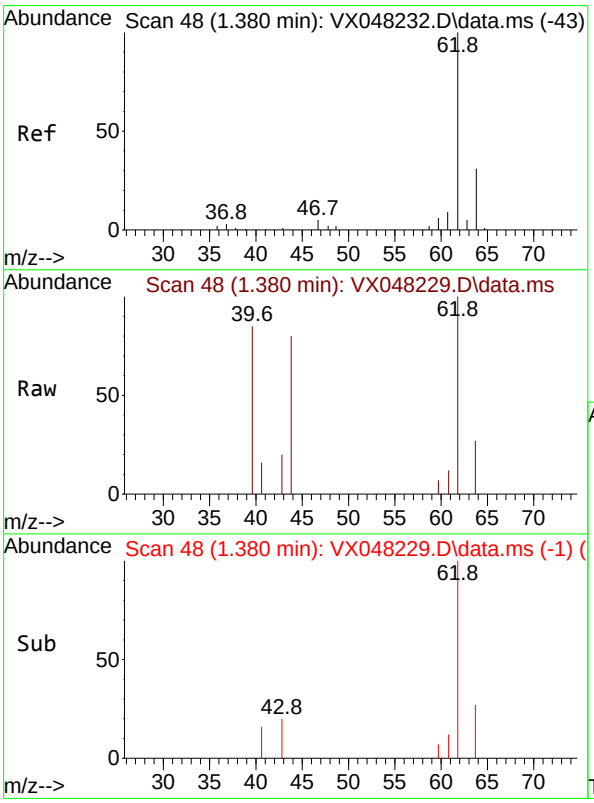
Ion	Ratio	Lower	Upper
50	100		
52	53.6	25.9	38.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

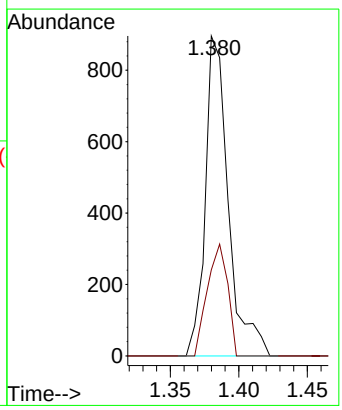
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

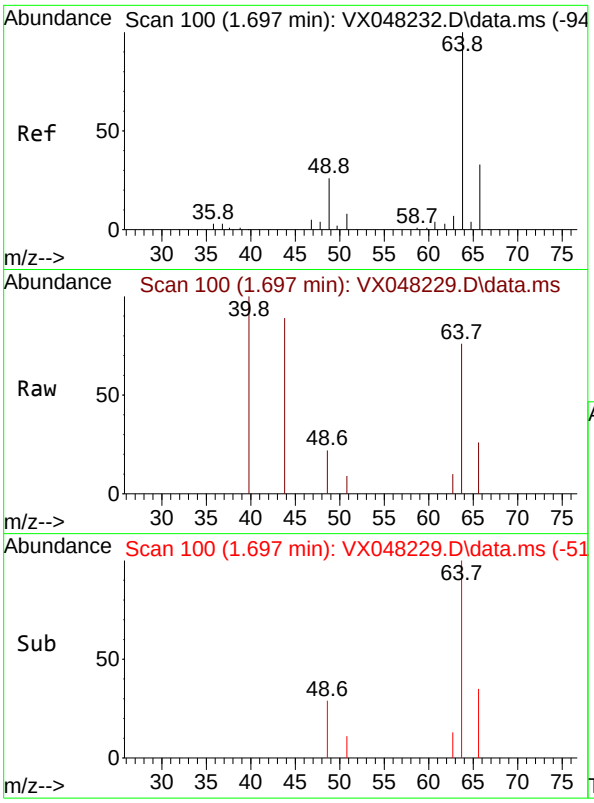


#4
Vinyl Chloride
Concen: 0.668 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 1048

Ion	Ratio	Lower	Upper
62	100		
64	26.9	25.1	37.7





#6
Chloroethane
Concen: 0.546 ug/l
RT: 1.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 64 Resp: 54

Ion	Ratio	Lower	Upper
64	100		
66	34.6	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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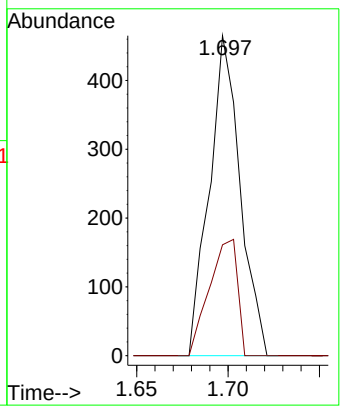
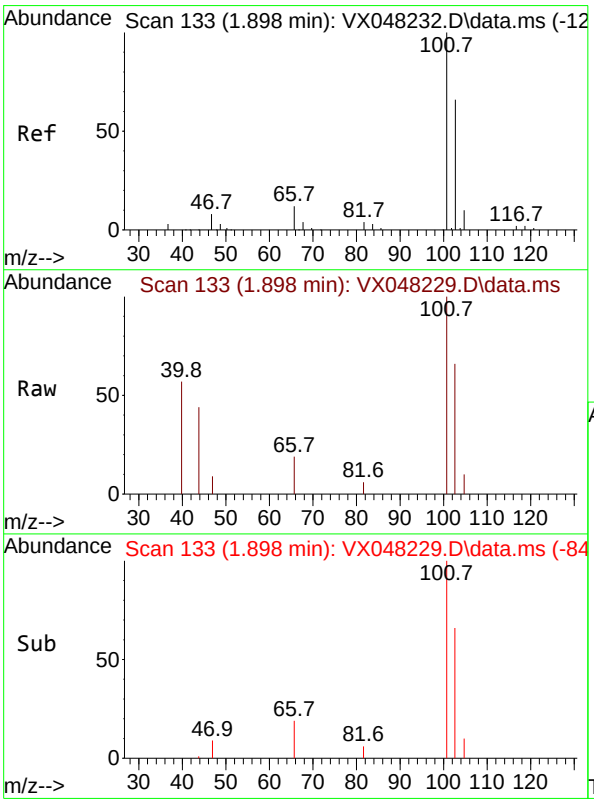
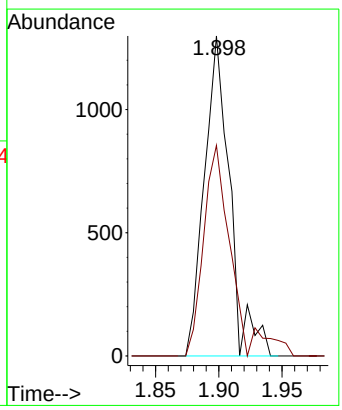


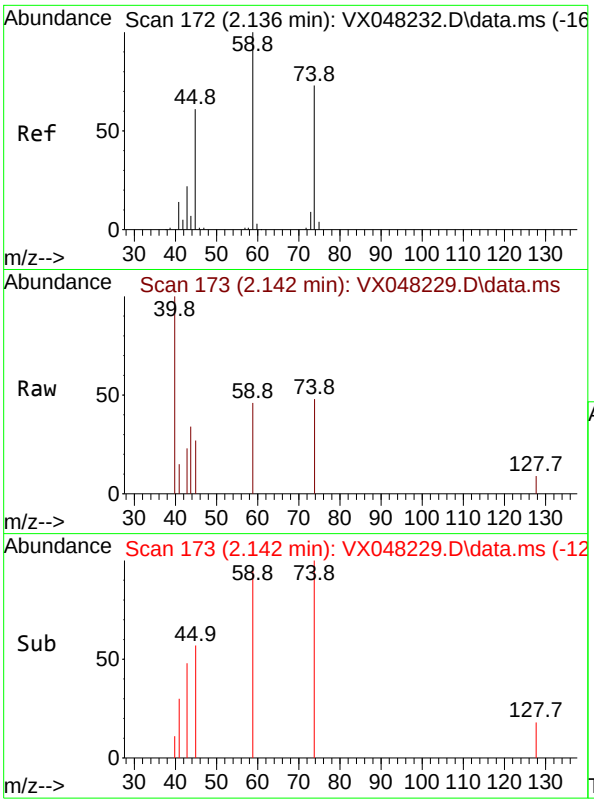


#7
Trichlorofluoromethane
Concen: 0.738 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:101 Resp: 1819

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.6	77.4





#8
Diethyl Ether
Concen: 0.645 ug/l
RT: 2.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 74 Resp: 54

Ion	Ratio	Lower	Upper
74	100		
45	118.5	50.0	149.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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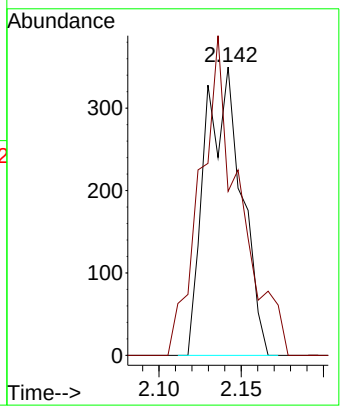
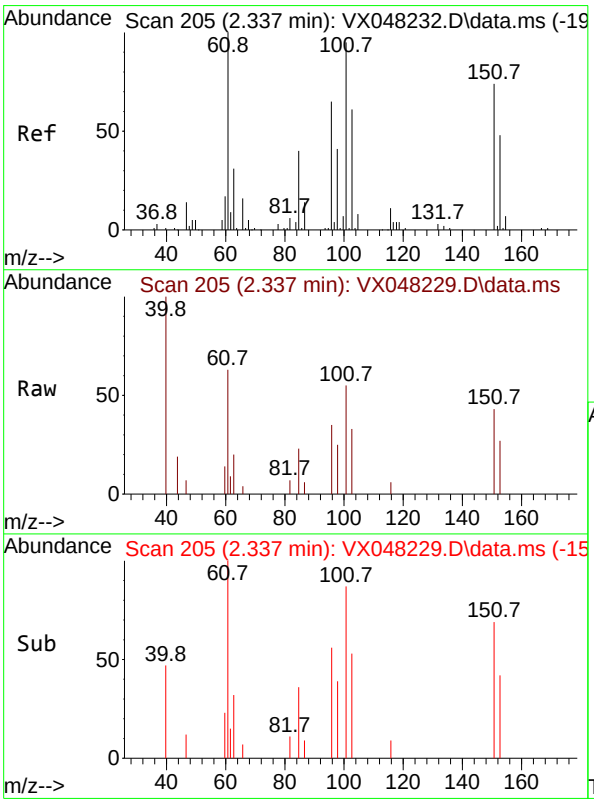
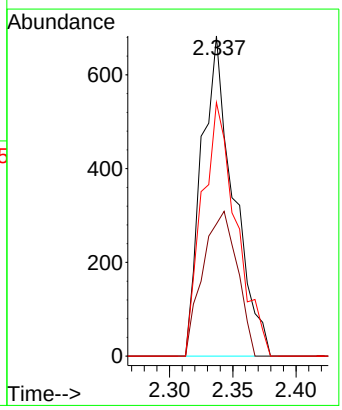


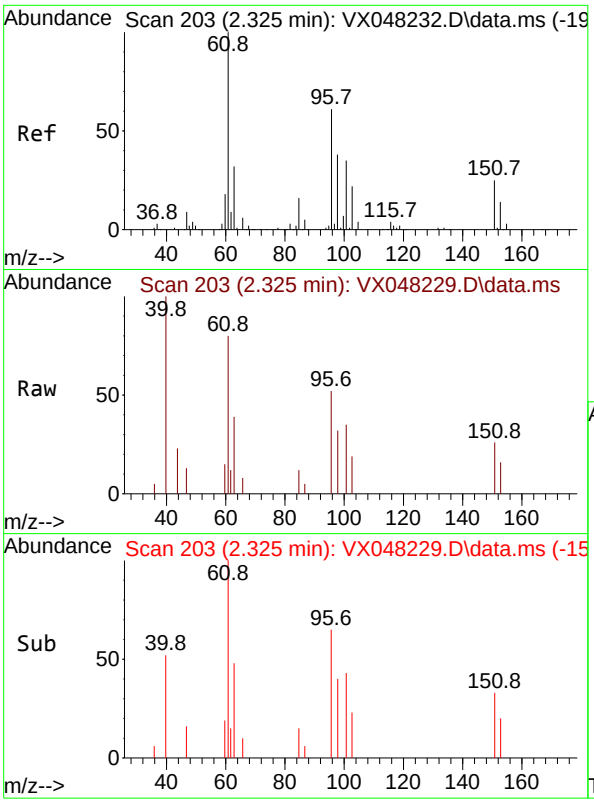


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.864 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:101 Resp: 1199

Ion	Ratio	Lower	Upper
101	100		
85	48.9	35.6	53.4
151	84.2	58.0	87.0

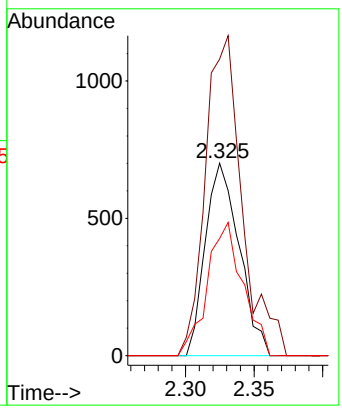




#12
1,1-Dichloroethene
Concen: 0.889 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 120

Ion	Ratio	Lower	Upper
96	100		
61	154.1	139.0	208.6
98	60.9	52.4	78.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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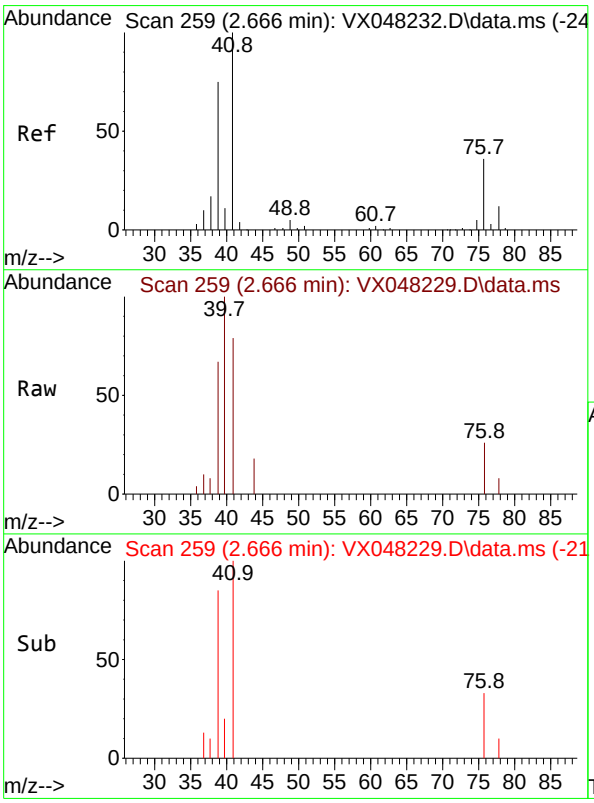
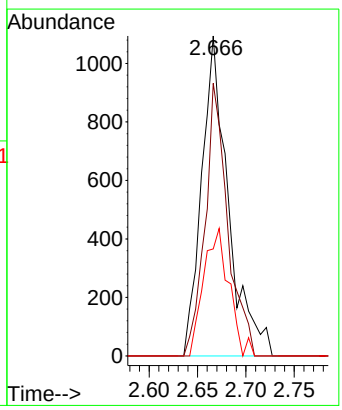
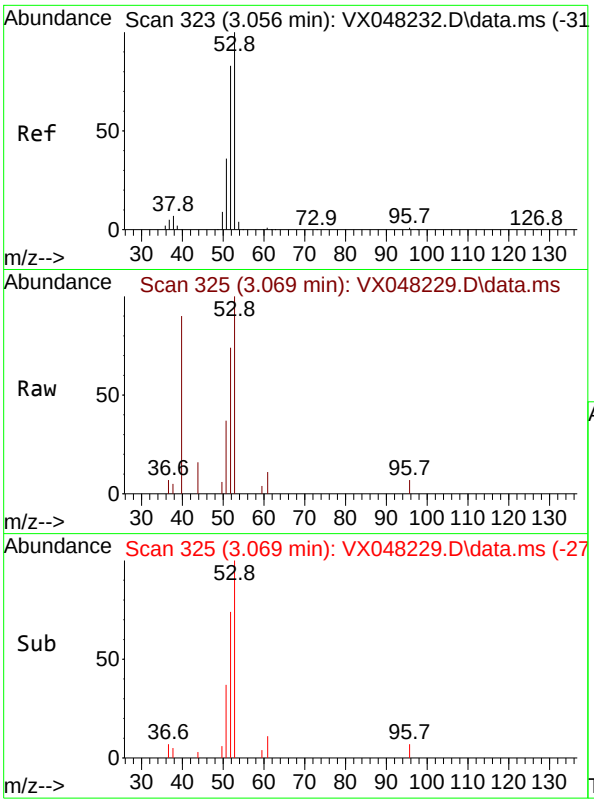


#14
Allyl chloride
Concen: 0.860 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 2101

Ion	Ratio	Lower	Upper
41	100		
39	72.1	56.0	84.0
76	37.8	27.5	41.3

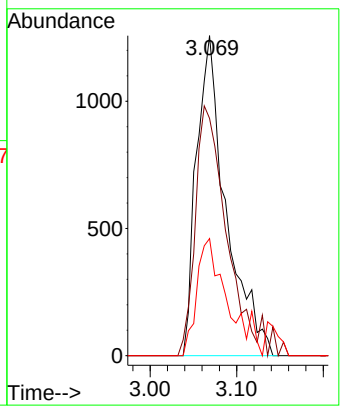




#15
Acrylonitrile
Concen: 5.171 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 53 Resp: 298

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	37.8	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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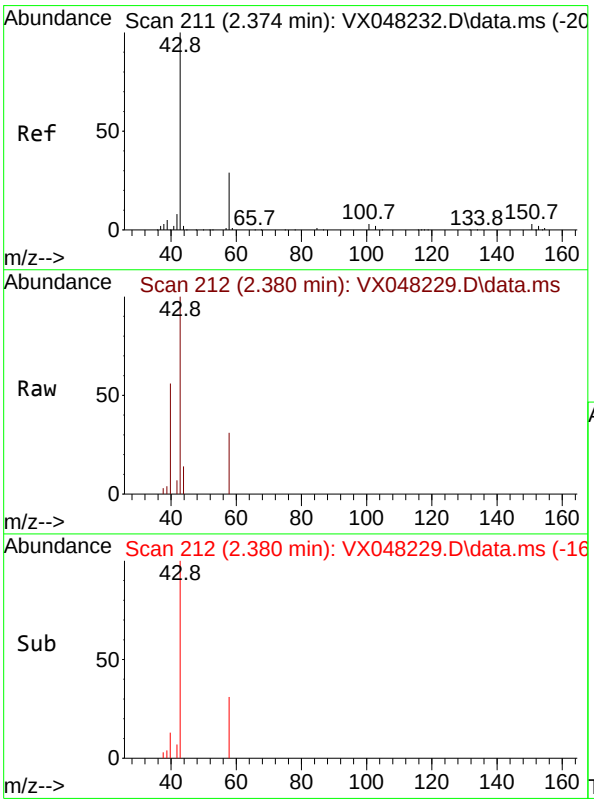
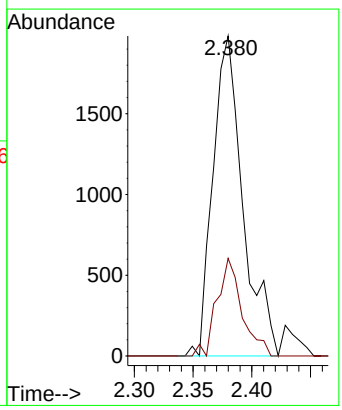
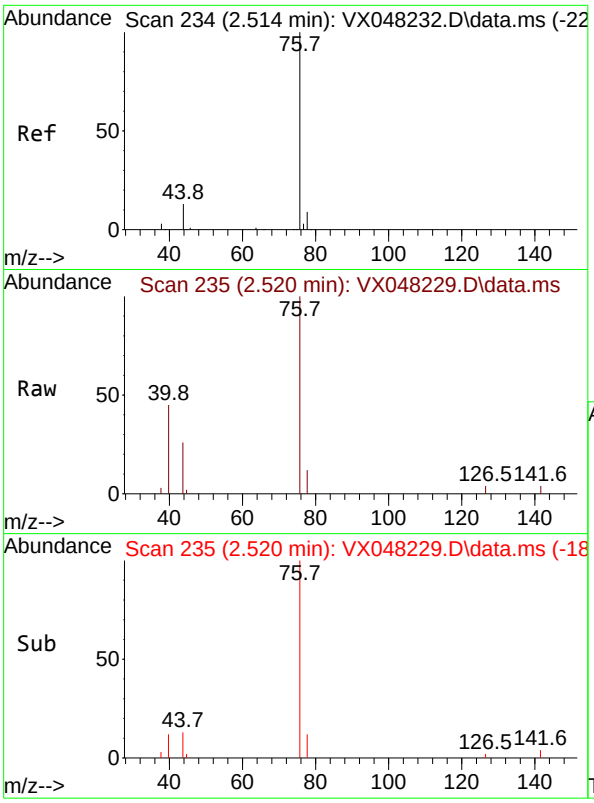


#16
Acetone
Concen: 5.684 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 3519

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.4	35.2





#17
Carbon Disulfide
Concen: 1.141 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 76 Resp: 476

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.1	10.7#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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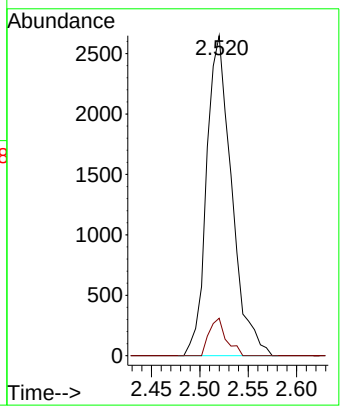
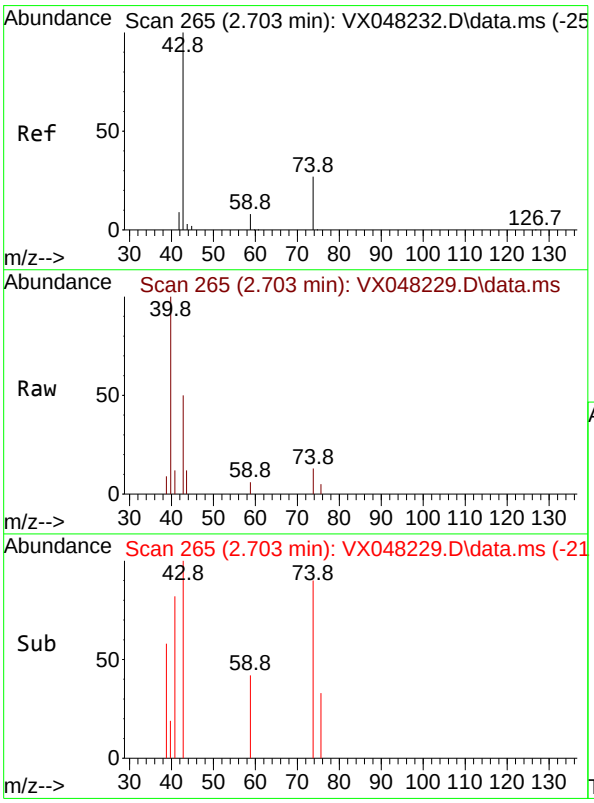
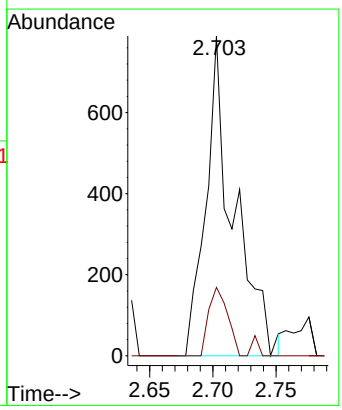


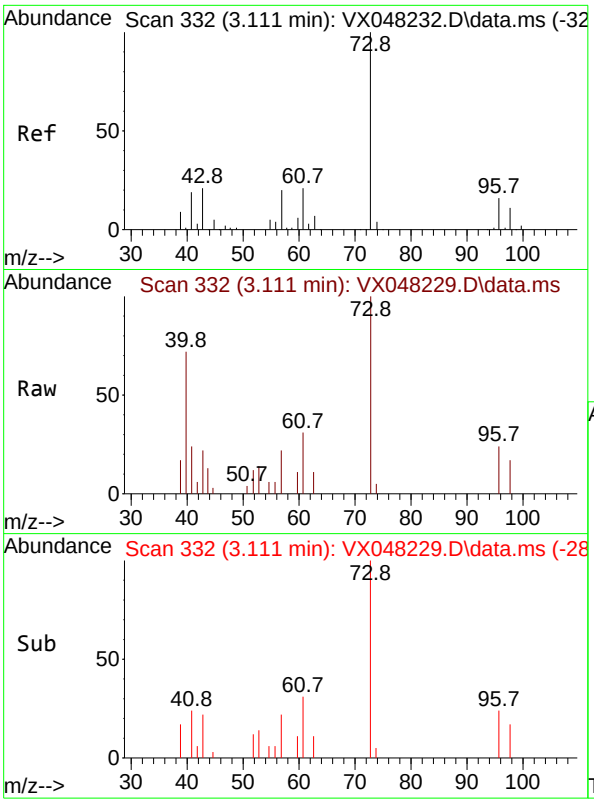


#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1204

Ion	Ratio	Lower	Upper
43	100		
74	14.6	17.5	26.3#

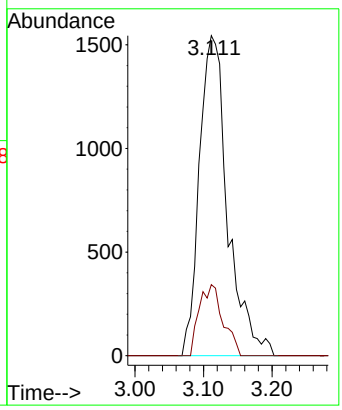




#19
Methyl tert-butyl Ether
Concen: 1.085 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 73 Resp: 443

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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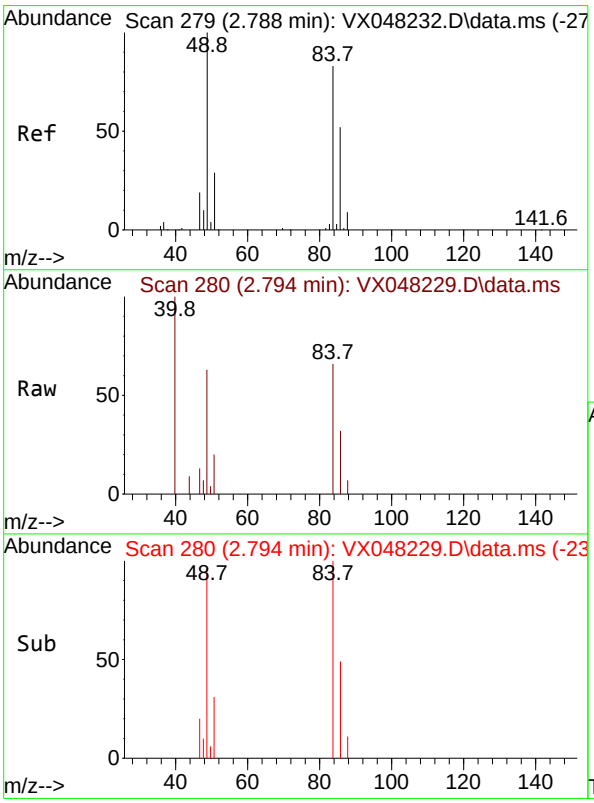
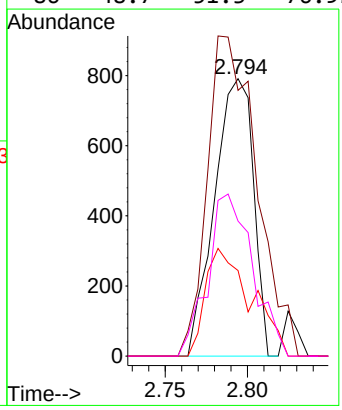
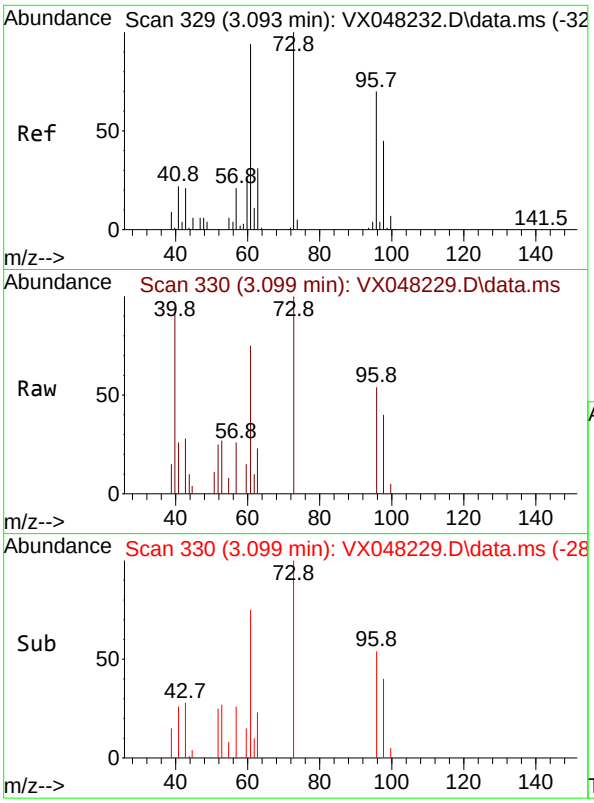


#20
Methylene Chloride
Concen: 0.863 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301

Ion	Ratio	Lower	Upper
84	100		
49	95.8	104.1	156.1#
51	30.8	31.3	46.9#
86	48.7	51.3	76.9#





#21
trans-1,2-Dichloroethene
Concen: 0.980 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 137

Ion	Ratio	Lower	Upper
96	100		
61	140.0	111.9	167.9
98	74.4	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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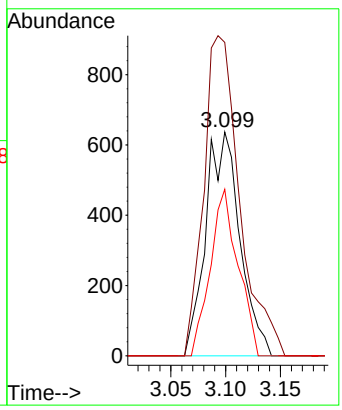
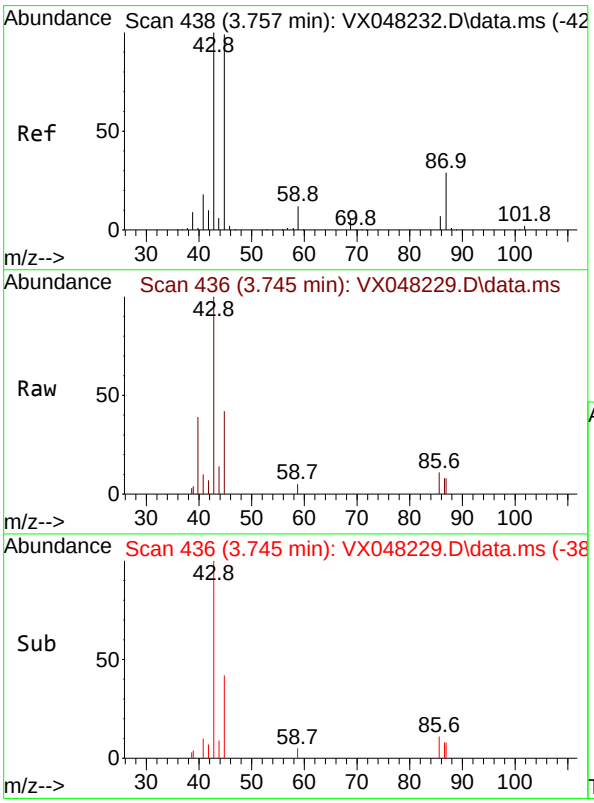
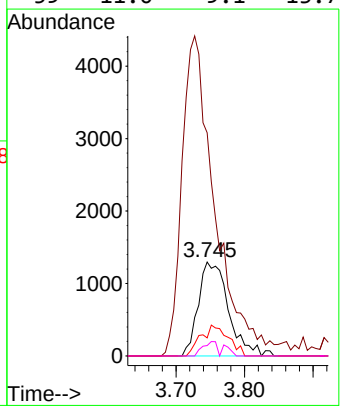


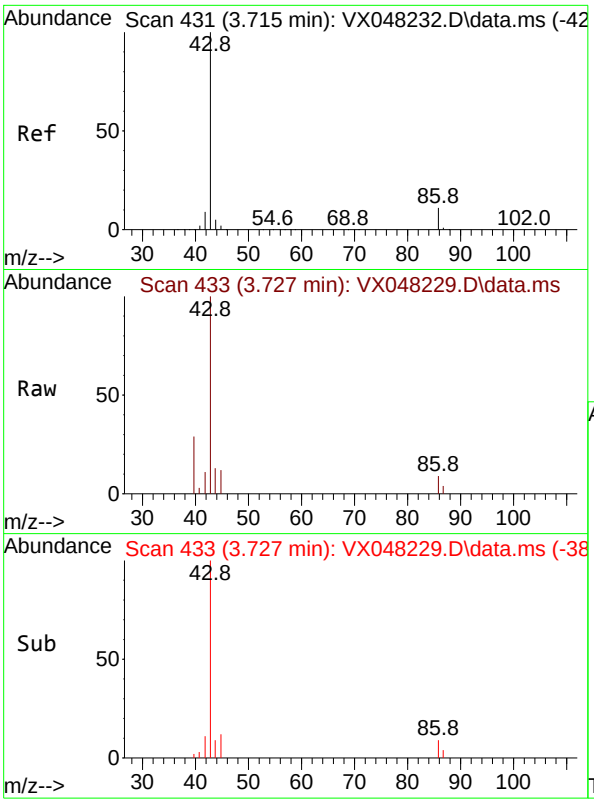


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977

Ion	Ratio	Lower	Upper
45	100		
43	213.9	89.8	134.8#
87	19.2	20.6	31.0#
59	11.0	9.1	13.7





#23
Vinyl Acetate
Concen: 4.131 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1476

Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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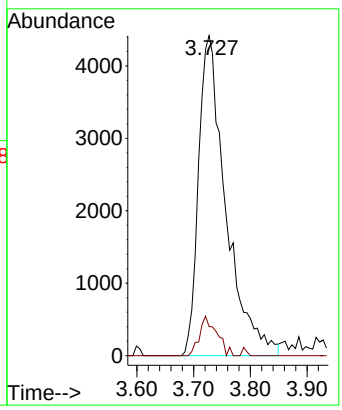
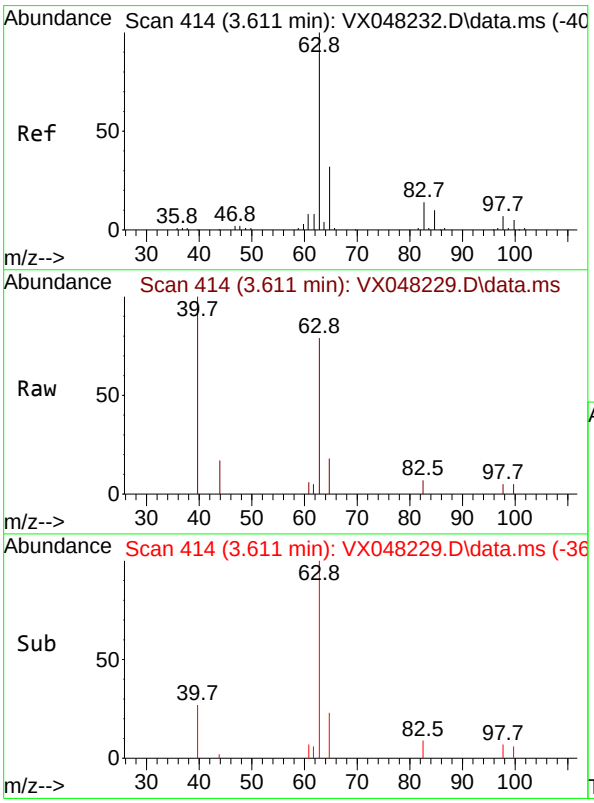
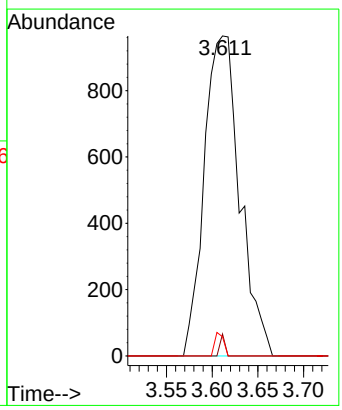


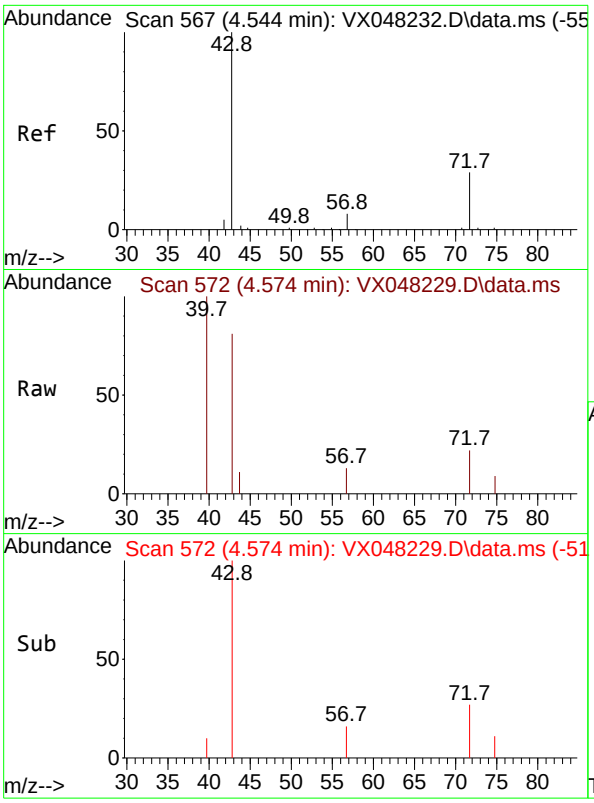


#24
1,1-Dichloroethane
Concen: 0.964 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	6.0	2.1	6.3

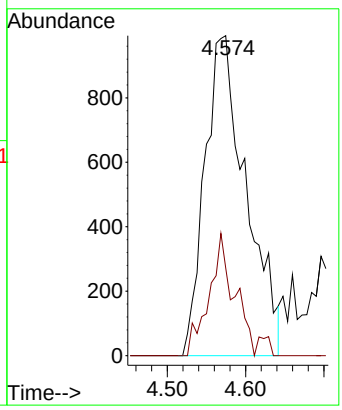




#25
2-Butanone
Concen: 5.043 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 363

Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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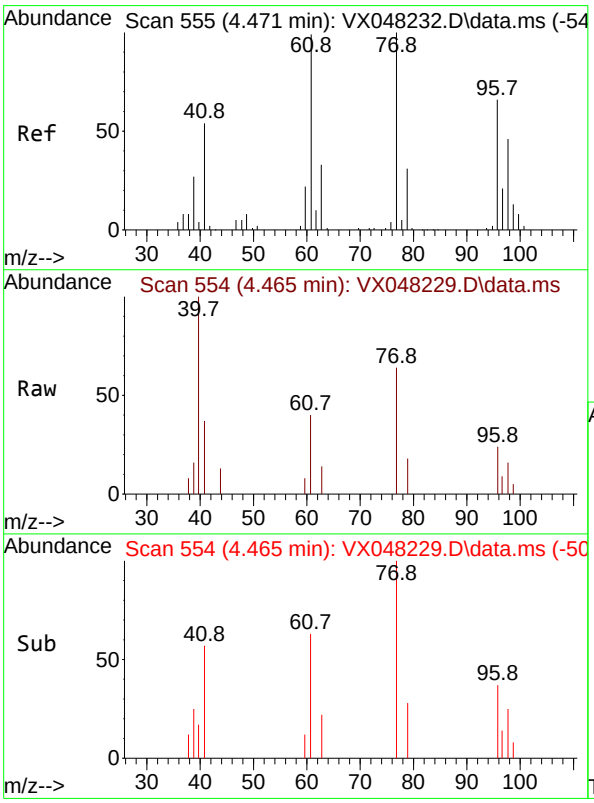
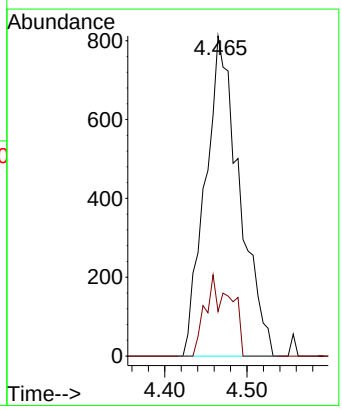
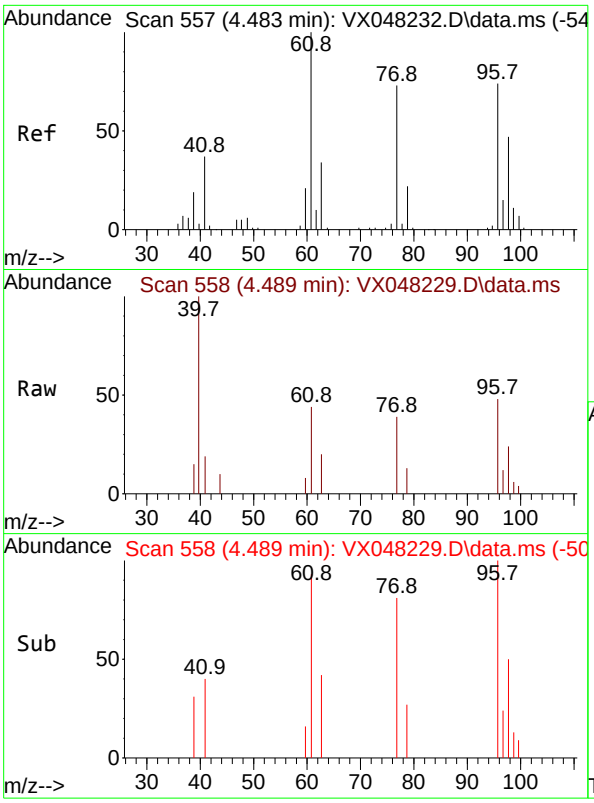


#26
2,2-Dichloropropane
Concen: 1.012 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 77 Resp: 2347

Ion	Ratio	Lower	Upper
77	100		
97	14.3	11.1	33.3

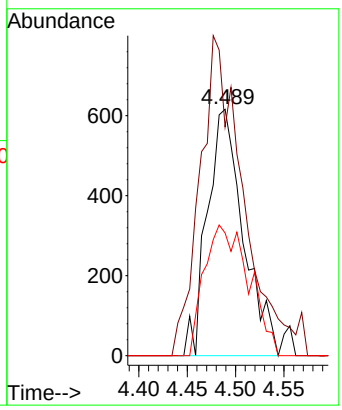




#27
cis-1,2-Dichloroethene
Concen: 0.959 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 159

Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	294.2
98	65.8	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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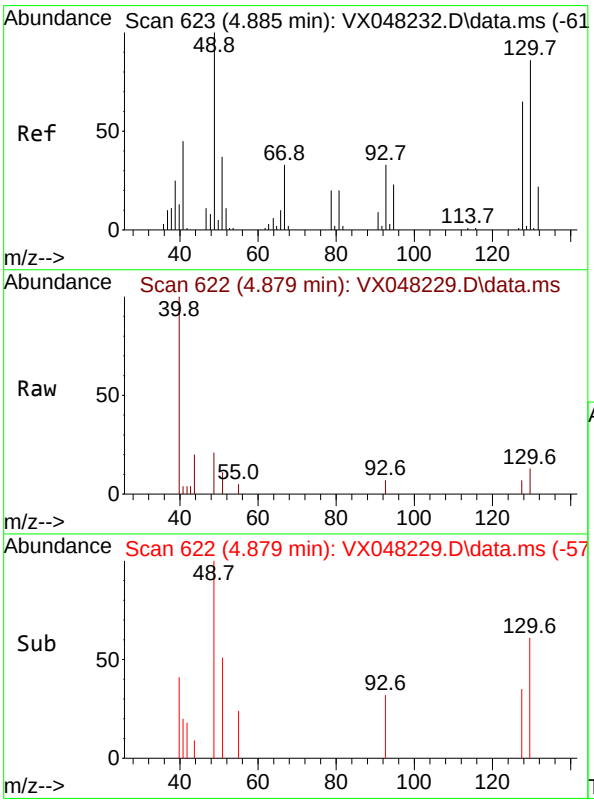
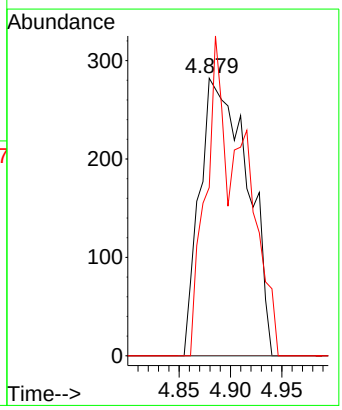
Supervised By :Semsettin Yesilyurt 10/21/2025

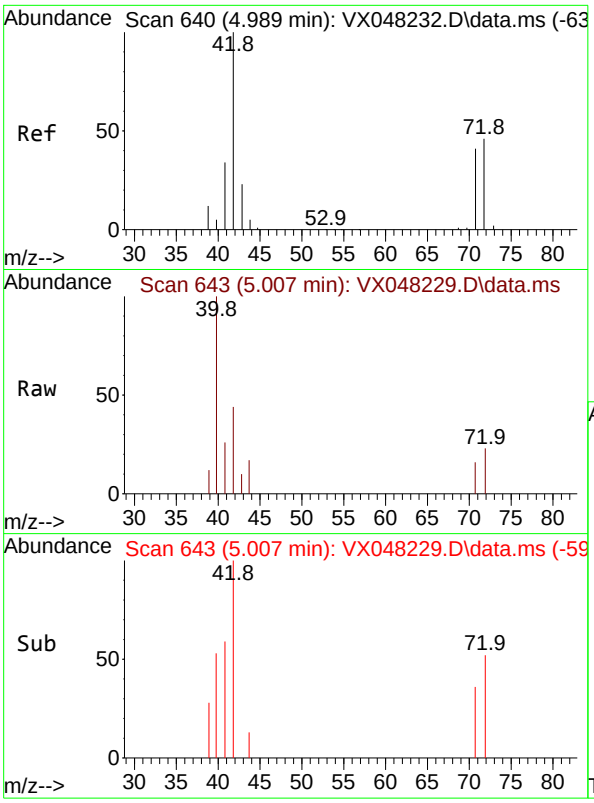


#28
Bromochloromethane
Concen: 0.726 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 49 Resp: 908

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	47.0	59.3	88.9#

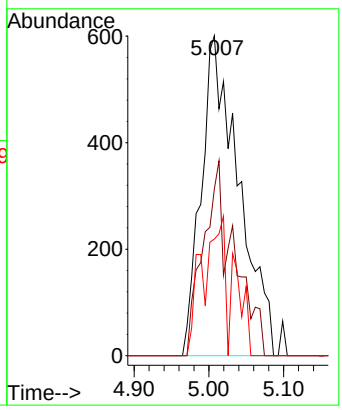




#29
Tetrahydrofuran
Concen: 4.929 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 42 Resp: 208

Ion	Ratio	Lower	Upper
42	100		
72	34.1	35.3	52.9#
71	16.2	32.2	48.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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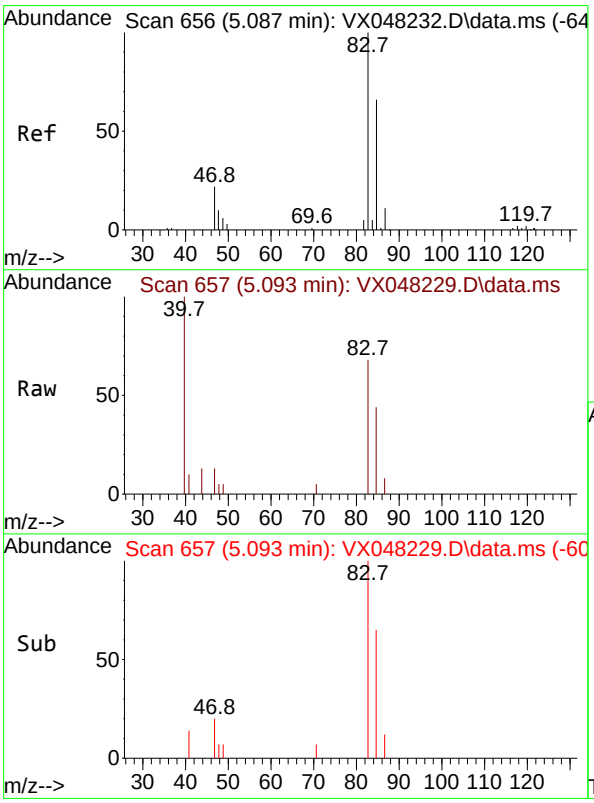
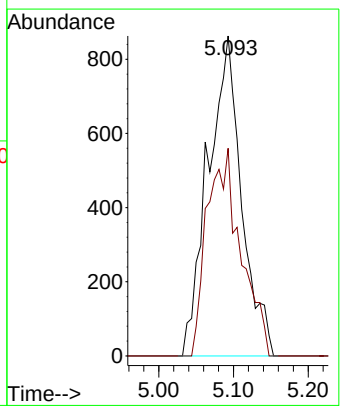
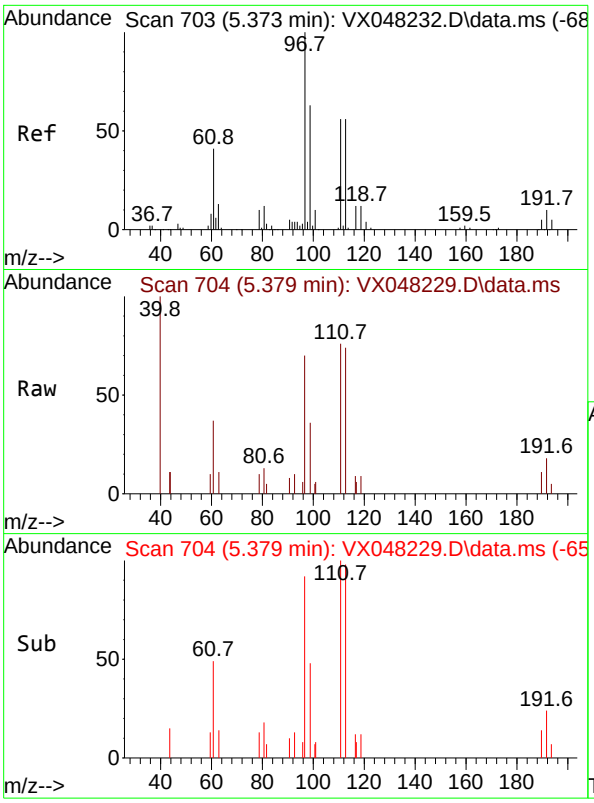


#30
Chloroform
Concen: 0.941 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2688

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1





#32
1,1,1-Trichloroethane
Concen: 1.048 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 245

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	44.9	34.8	52.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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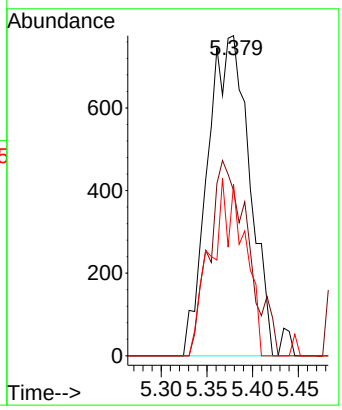
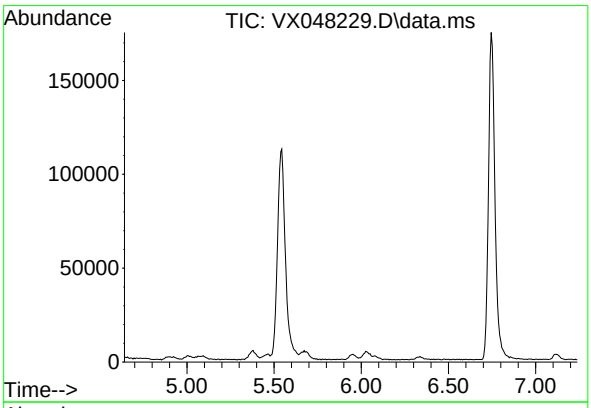


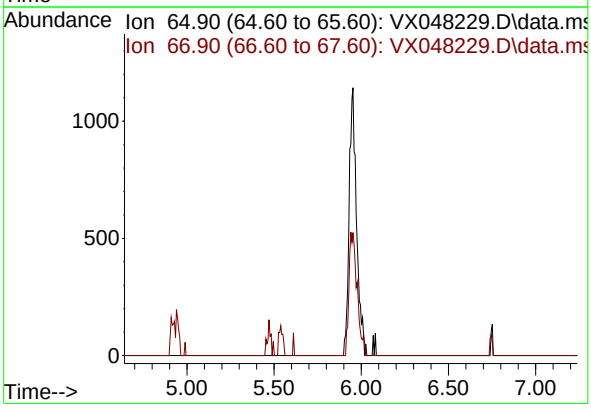


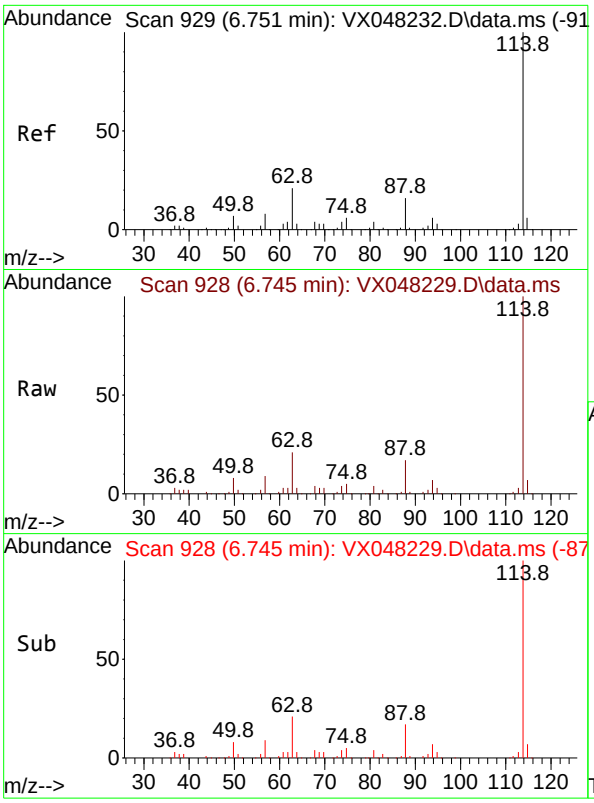
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.5





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:114 Resp: 19318

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	17.5	0.0	33.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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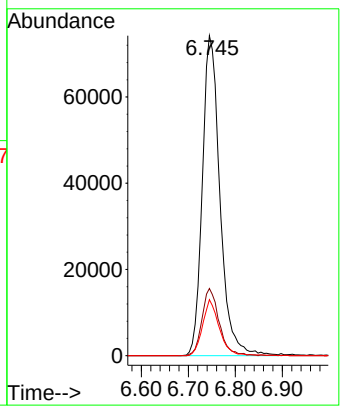
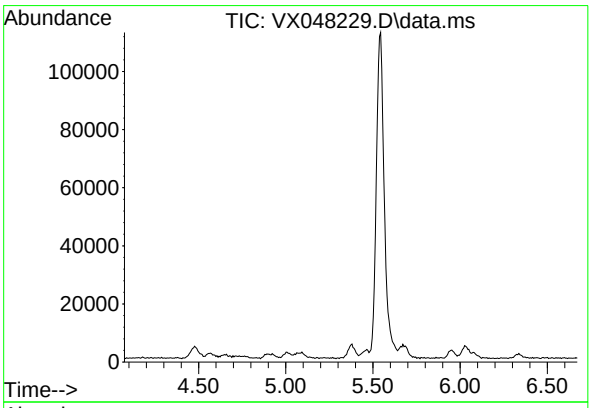


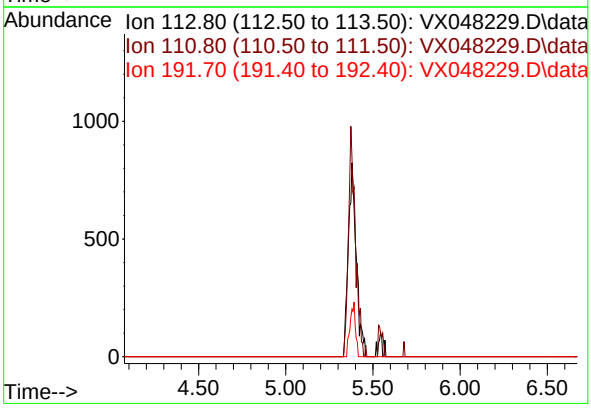


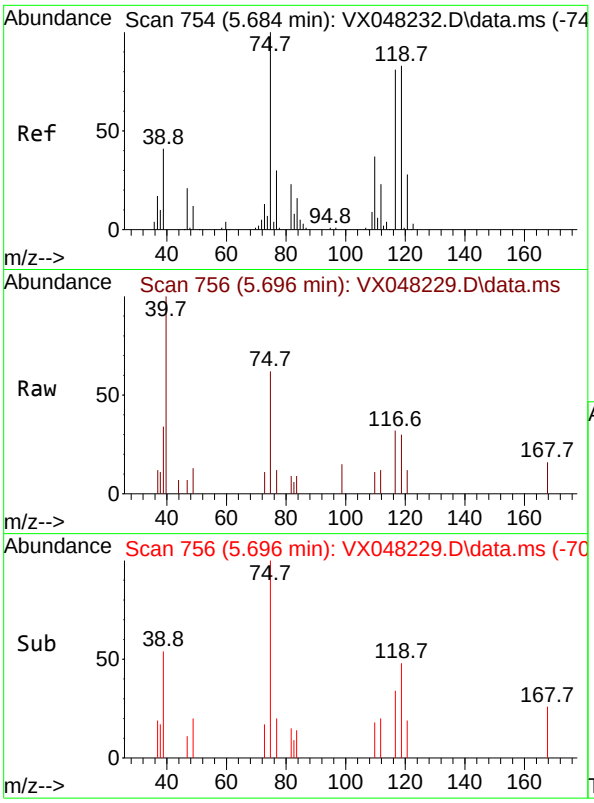
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.8
192	18.9

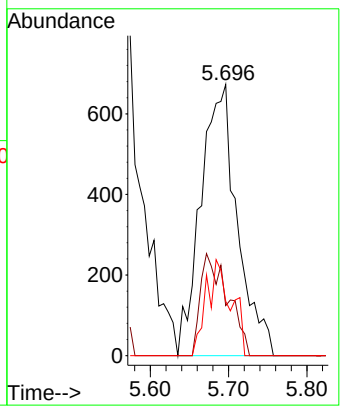




#36
1,1-Dichloropropene
Concen: 1.151 ug/l
RT: 5.696 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 217

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1#
77	23.9	24.3	36.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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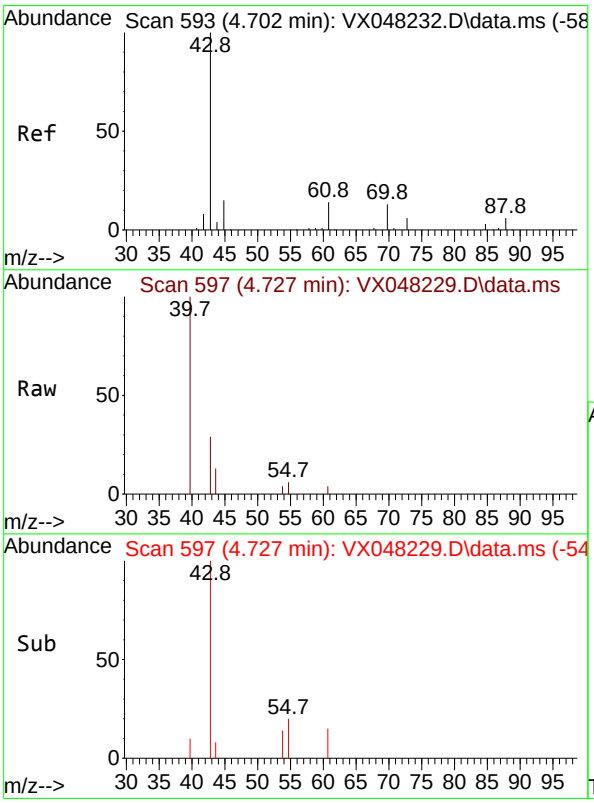
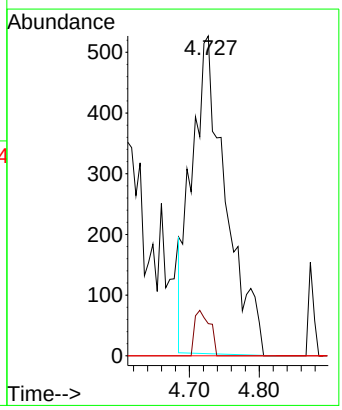
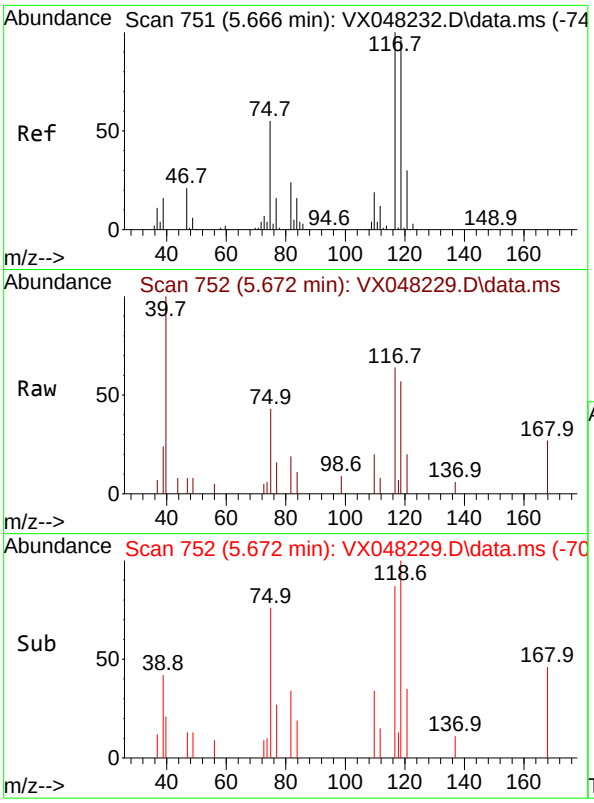


#37
Ethyl Acetate
Concen: 1.174 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.031 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1772

Ion	Ratio	Lower	Upper
43	100		
61	6.4	10.6	15.8#
70	0.0	7.8	11.6#

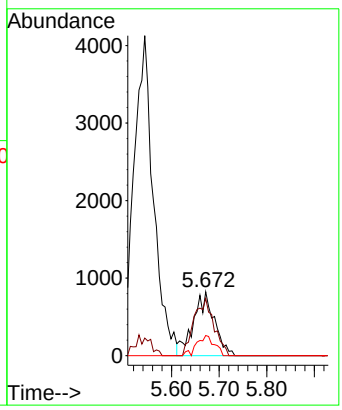




#38
Carbon Tetrachloride
Concen: 1.159 ug/l m
RT: 5.672 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 251

Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.2	115.8
121	31.5	24.8	37.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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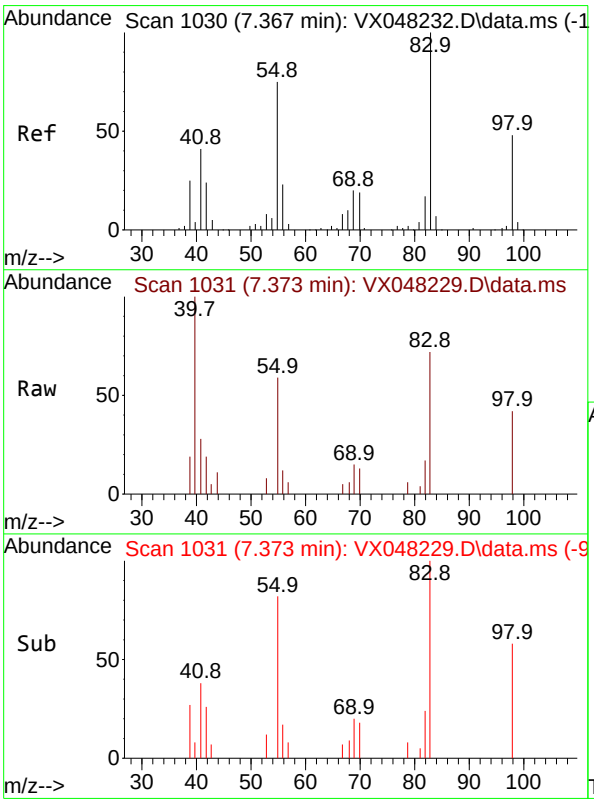
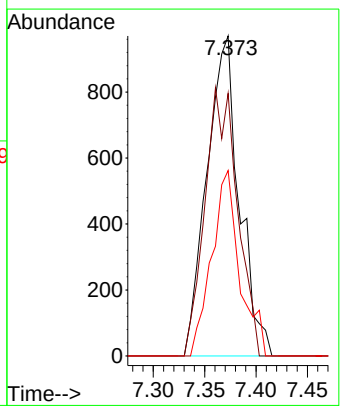
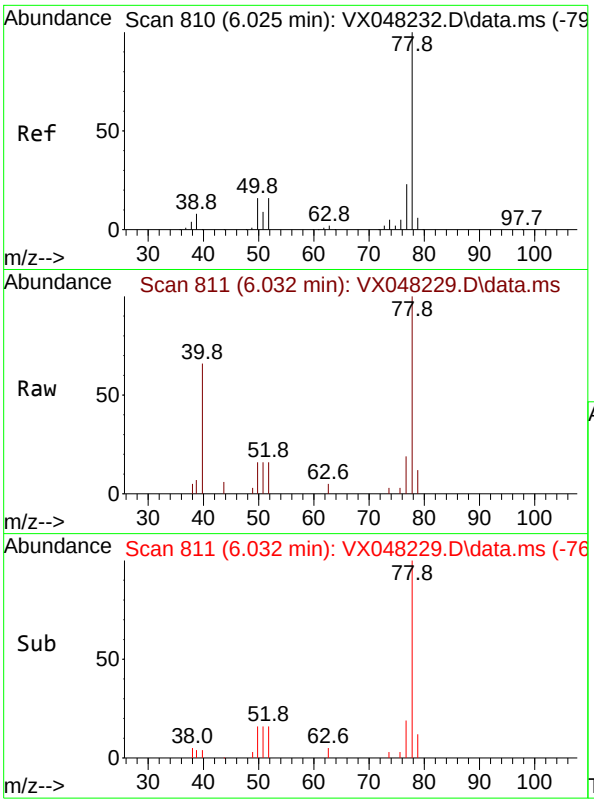


#39
Methylcyclohexane
Concen: 0.999 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2128

Ion	Ratio	Lower	Upper
83	100		
55	82.1	66.2	99.2
98	57.9	38.9	58.3





#40
Benzene
Concen: 1.028 ug/l
RT: 6.032 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 78 Resp: 576

Ion	Ratio	Lower	Upper
78	100		
77	18.9	19.3	28.9#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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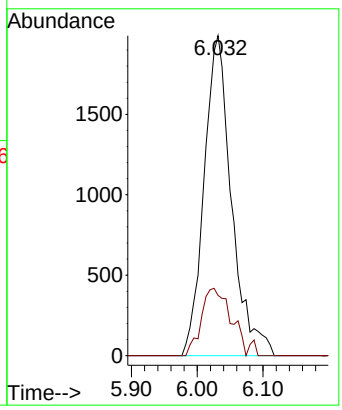
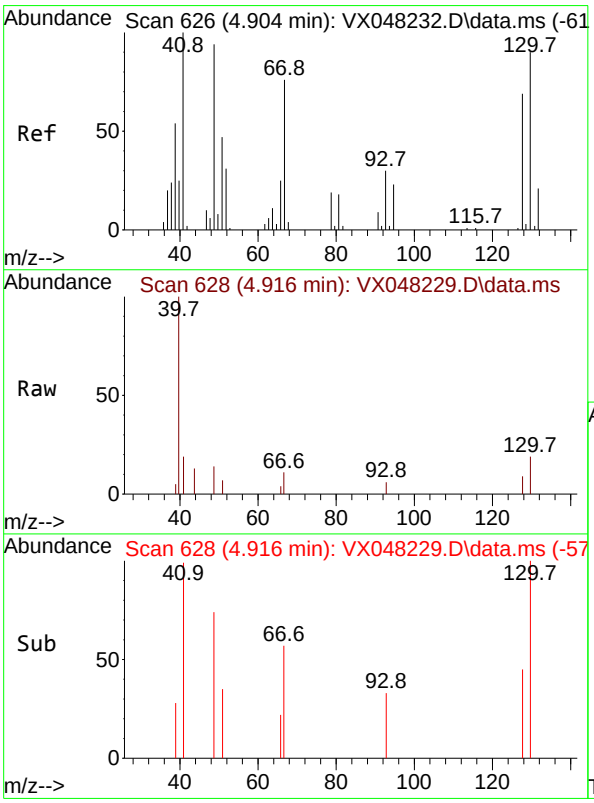
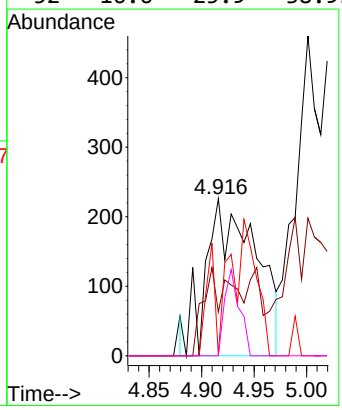


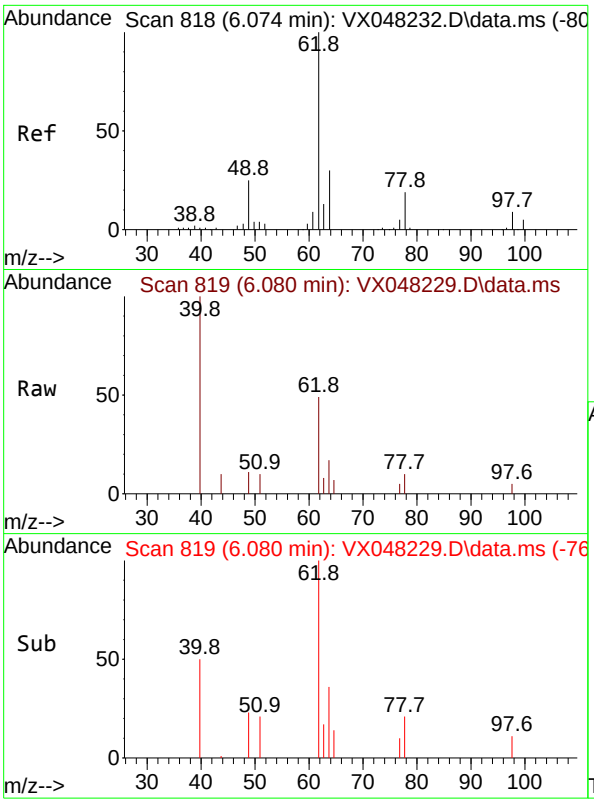


#41
Methacrylonitrile
Concen: 0.917 ug/l m
RT: 4.916 min Scan# 628
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 741

Ion	Ratio	Lower	Upper
41	100		
39	17.0	44.0	66.0#
67	12.3	58.7	88.1#
52	16.6	25.9	38.9#





#42
1,2-Dichloroethane
Concen: 1.017 ug/l
RT: 6.080 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 204

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	17.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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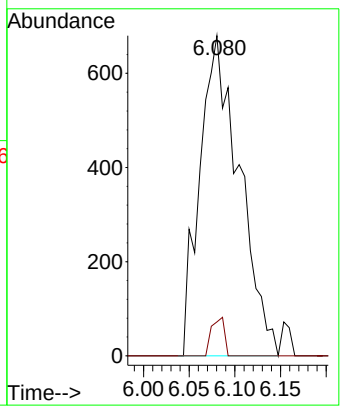
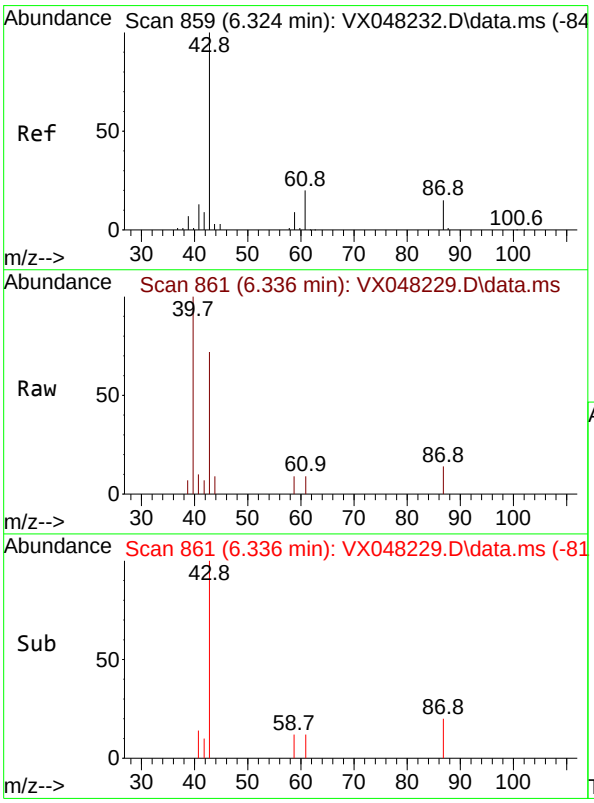
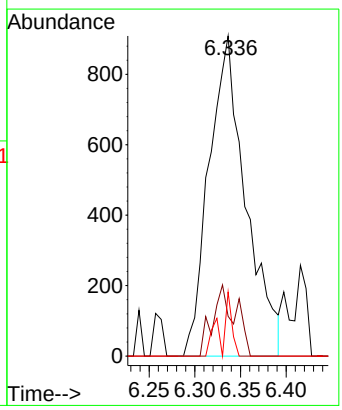


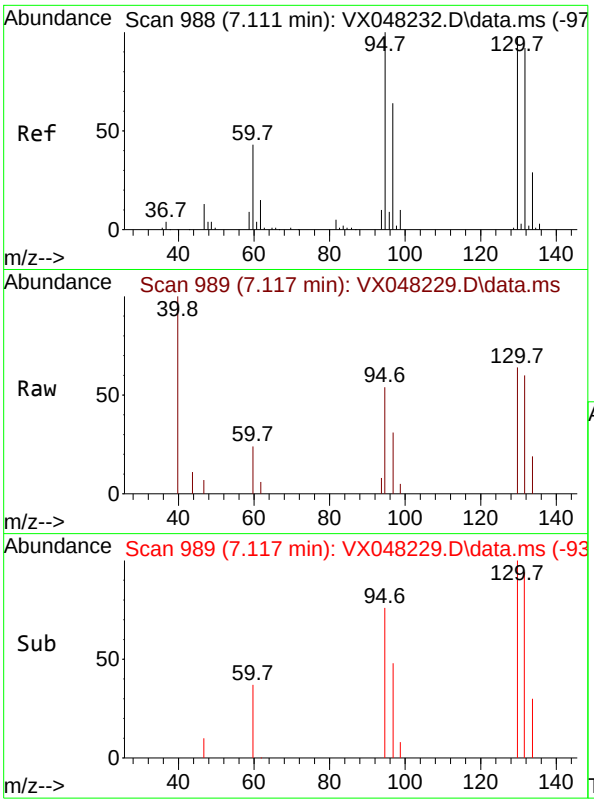


#43
Isopropyl Acetate
Concen: 1.006 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2548

Ion	Ratio	Lower	Upper
43	100		
61	13.8	14.9	22.3#
87	3.4	9.4	14.2#

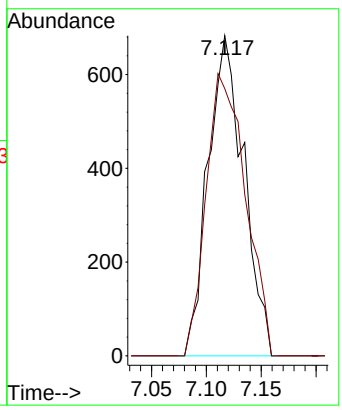




#44
Trichloroethene
Concen: 1.094 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:130 Resp: 154

Ion	Ratio	Lower	Upper
130	100		
95	83.5	0.0	200.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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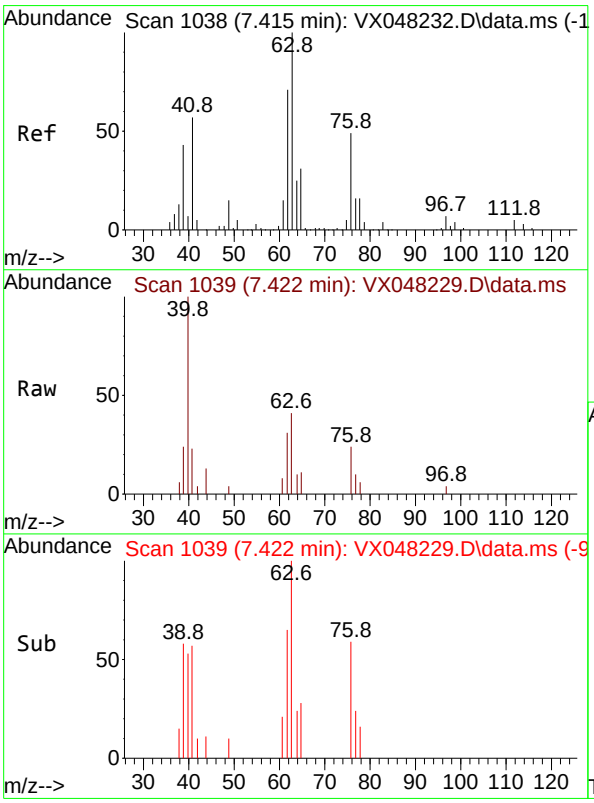
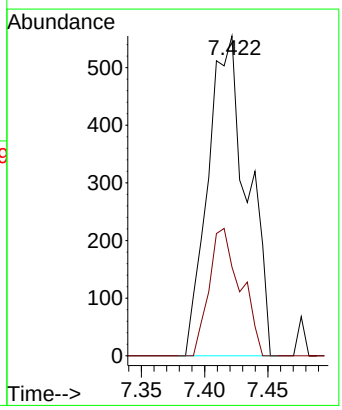
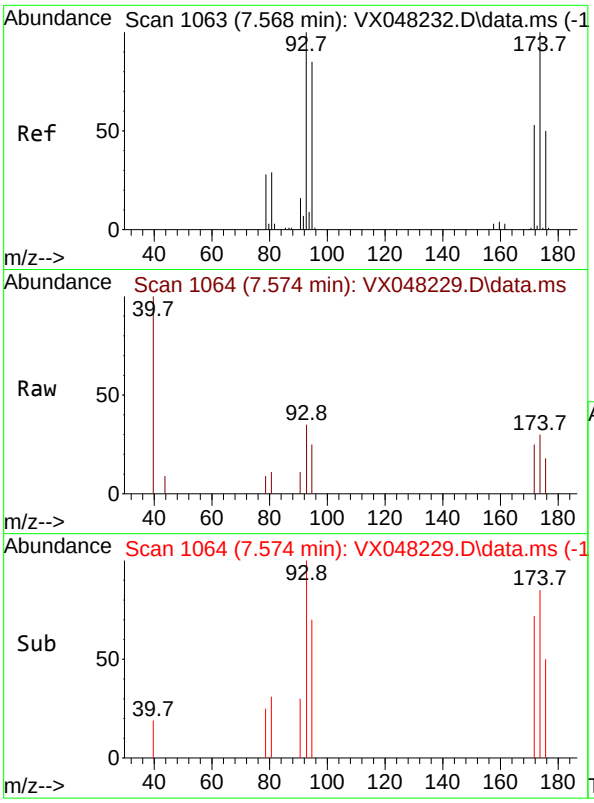


#45
1,2-Dichloropropane
Concen: 0.842 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 1195

Ion	Ratio	Lower	Upper
63	100		
65	27.7	24.1	36.1

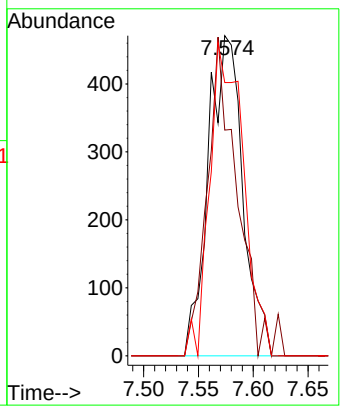




#46
Dibromomethane
Concen: 1.011 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 93 Resp: 103

Ion	Ratio	Lower	Upper
93	100		
95	86.4	65.9	98.9
174	95.3	71.7	107.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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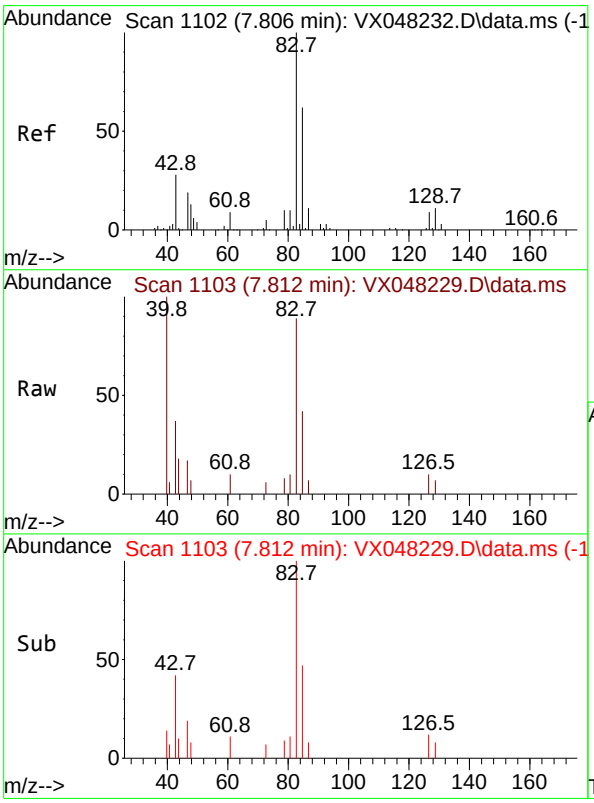
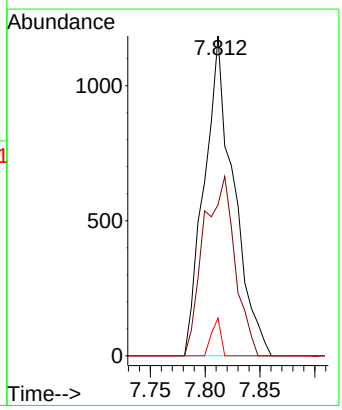
Supervised By :Semsettin Yesilyurt 10/21/2025

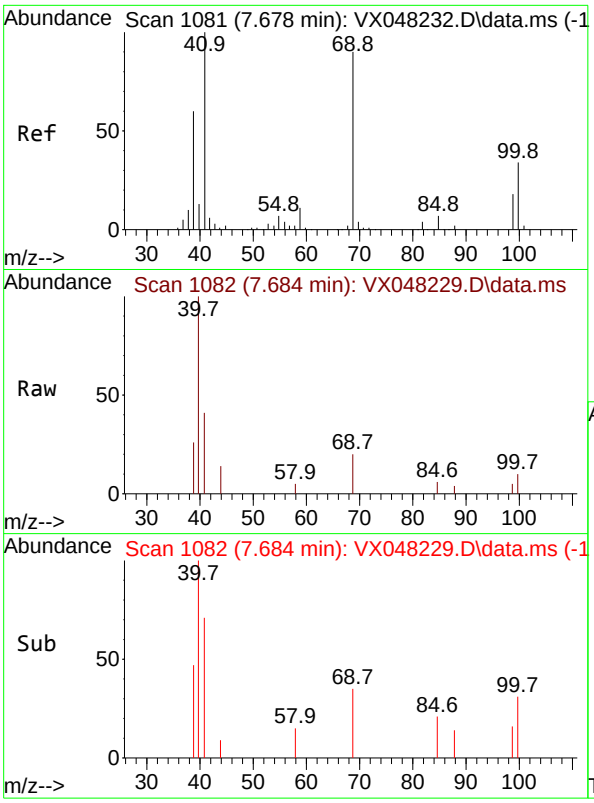


#47
Bromodichloromethane
Concen: 0.999 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2204

Ion	Ratio	Lower	Upper
83	100		
85	47.2	52.2	78.4#
127	11.8	7.3	10.9#





#48
Methyl methacrylate
Concen: 0.989 ug/l
RT: 7.684 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 128

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.4	95.0
39	51.7	47.1	70.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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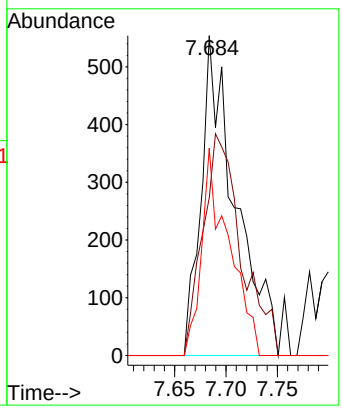
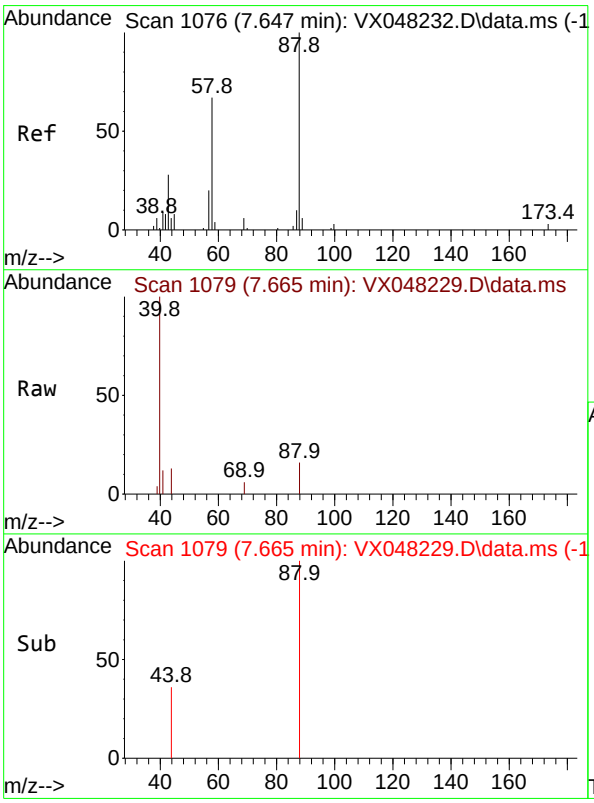
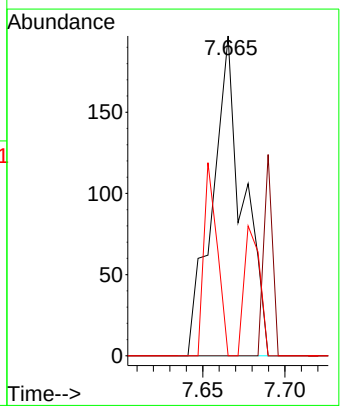


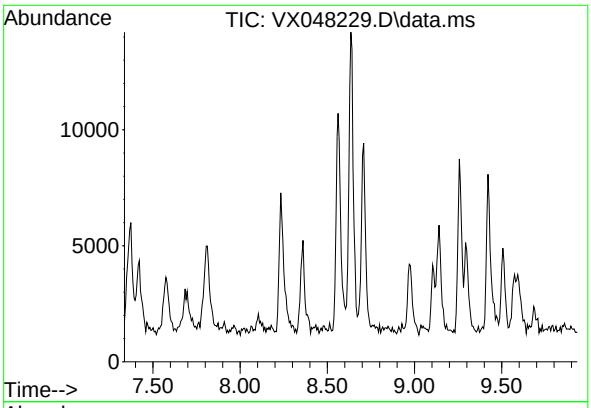


#49
1,4-Dioxane
Concen: 21.840 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.024 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 88 Resp: 255

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4#
58	20.8	61.9	92.9#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.63 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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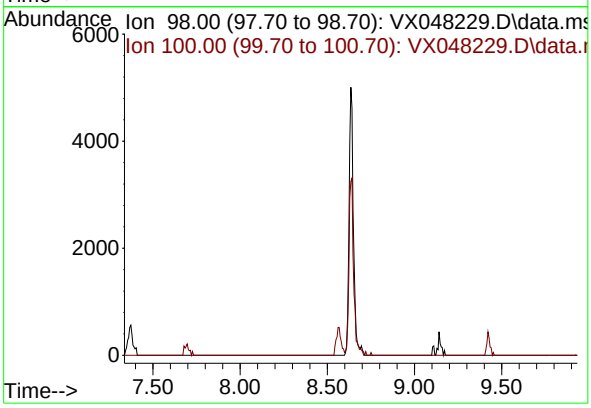
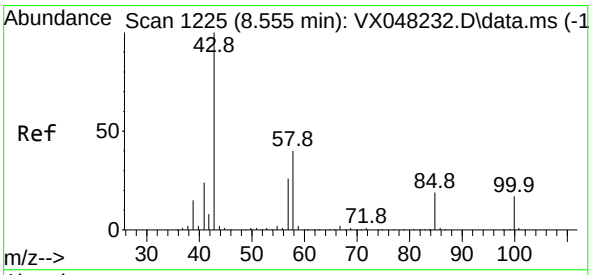
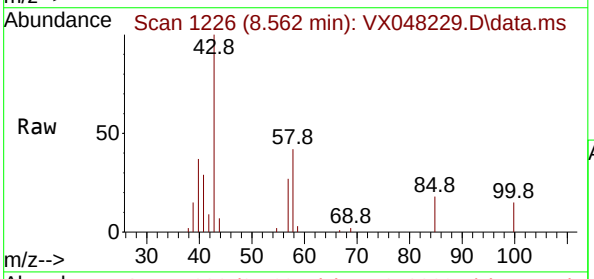


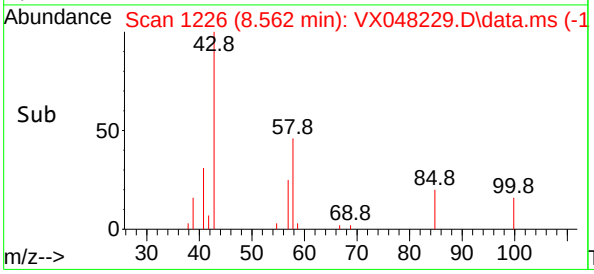


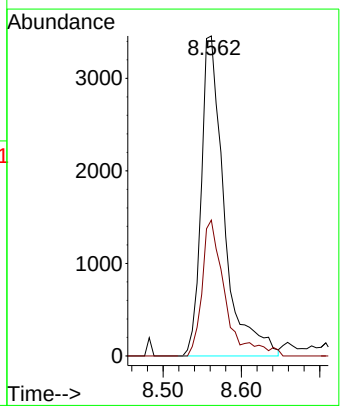
#51
4-Methyl-2-Pentanone
Concen: 5.011 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

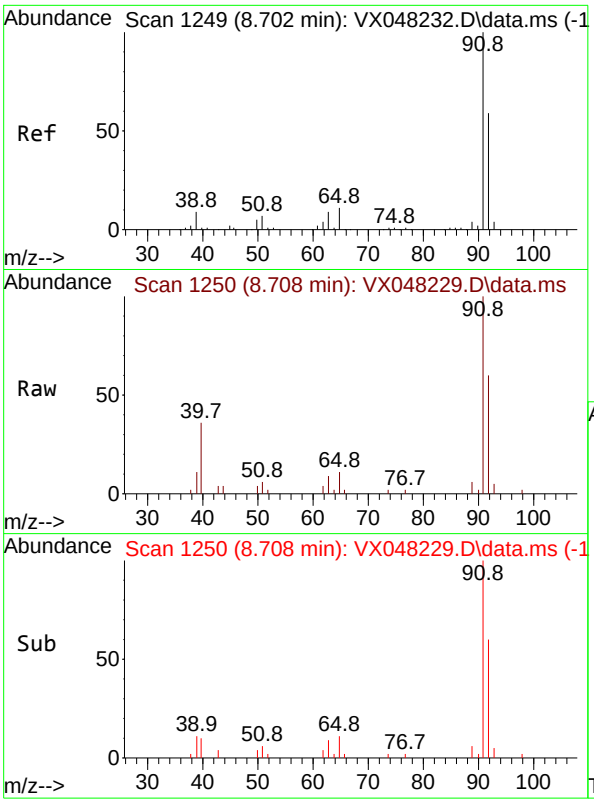
Tgt Ion: 43 Resp: 7066

Ion	Ratio	Lower	Upper
43	100		
58	42.1	29.5	44.3





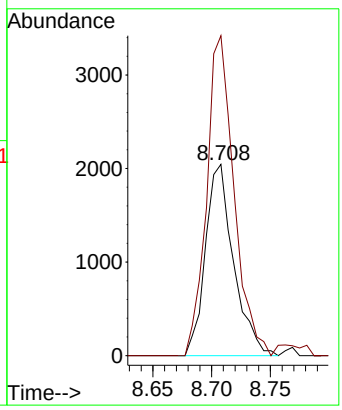




#52
Toluene
Concen: 1.010 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 92 Resp: 340

Ion	Ratio	Lower	Upper
92	100		
91	162.8	136.1	204.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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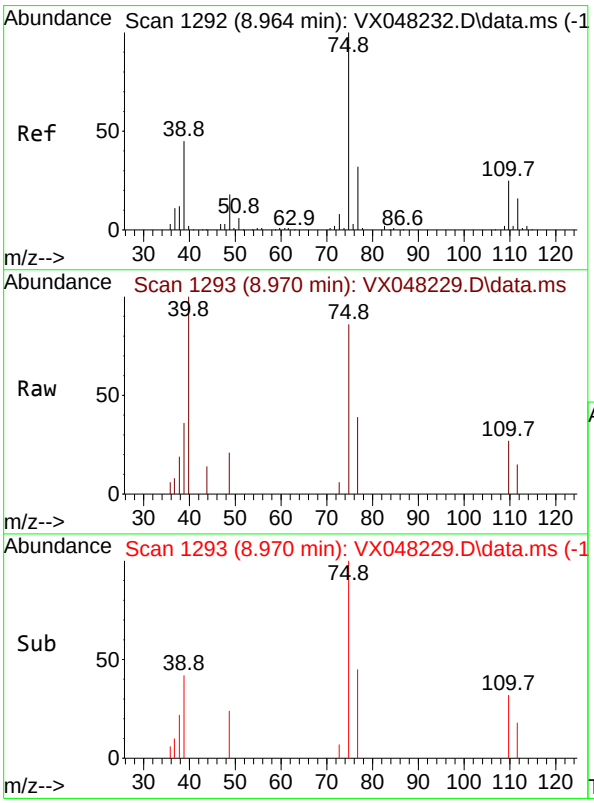
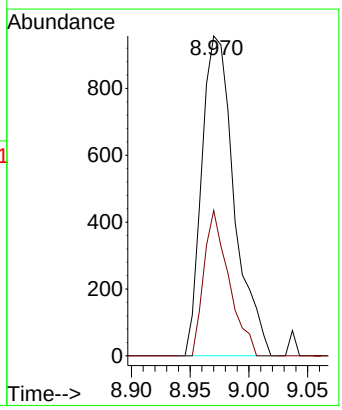
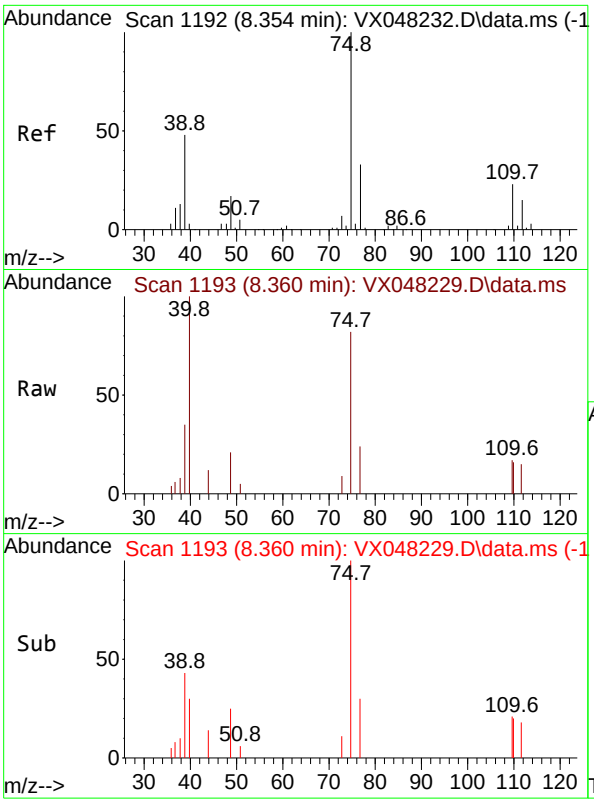


#53
t-1,3-Dichloropropene
Concen: 0.892 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 1844

Ion	Ratio	Lower	Upper
75	100		
77	45.5	25.0	37.6#

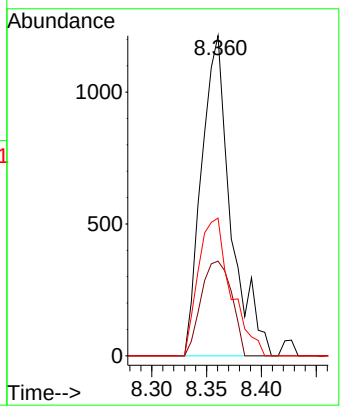




#54
cis-1,3-Dichloropropene
Concen: 0.998 ug/l
RT: 8.360 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 225

Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.9	37.3
39	43.0	42.6	64.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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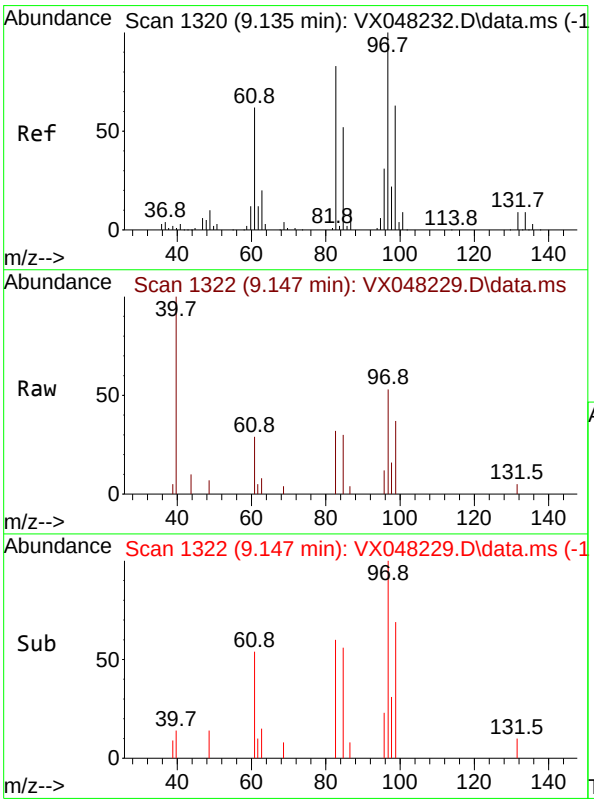
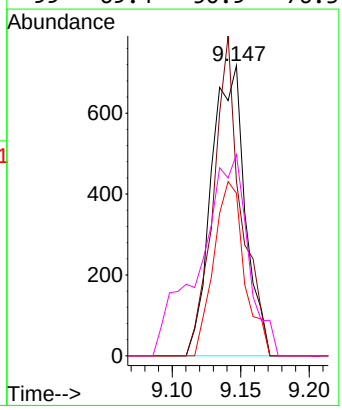
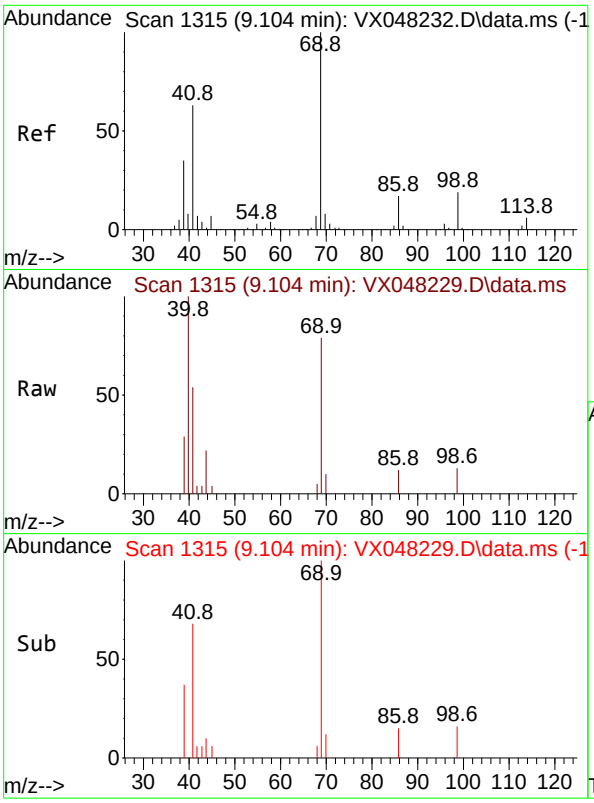


#55
1,1,2-Trichloroethane
Concen: 0.977 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 1229

Ion	Ratio	Lower	Upper
97	100		
83	60.2	70.6	105.8#
85	56.0	45.0	67.6
99	69.4	50.9	76.3

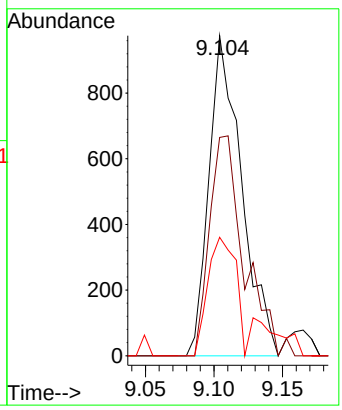




#56
Ethyl methacrylate
Concen: 0.945 ug/l
RT: 9.104 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 69 Resp: 161

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.0	84.0
39	36.5	31.6	47.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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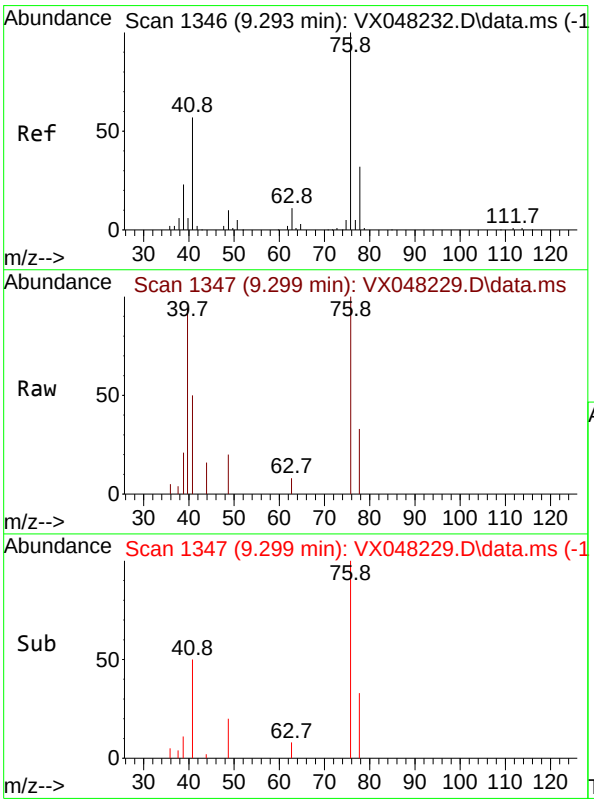
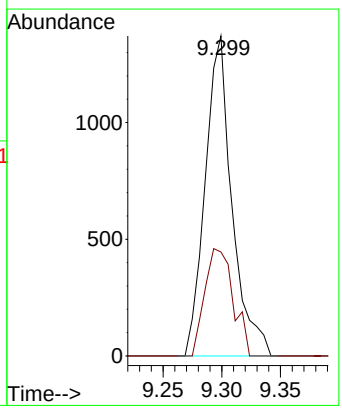
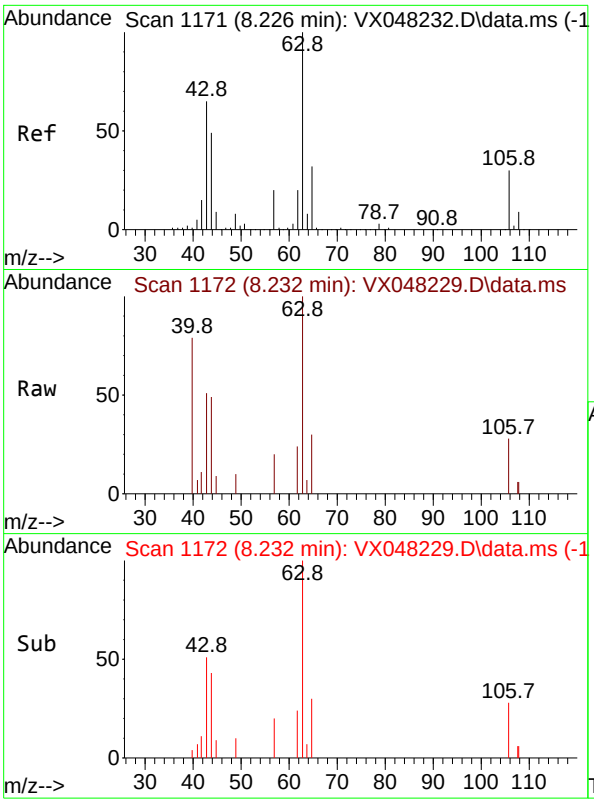


#57
1,3-Dichloropropane
Concen: 0.989 ug/l
RT: 9.299 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 76 Resp: 2174

Ion	Ratio	Lower	Upper
76	100		
78	35.5	25.4	38.0





#58
2-Chloroethyl Vinyl ether
Concen: 3.381 ug/l
RT: 8.232 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 297

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.2	33.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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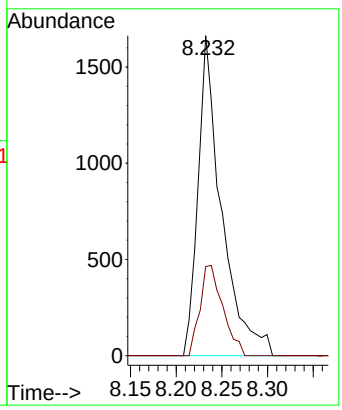
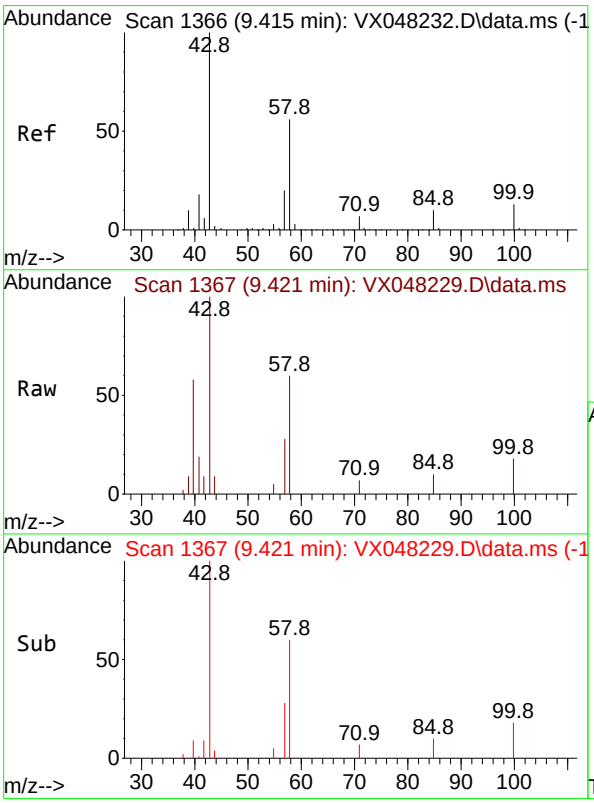
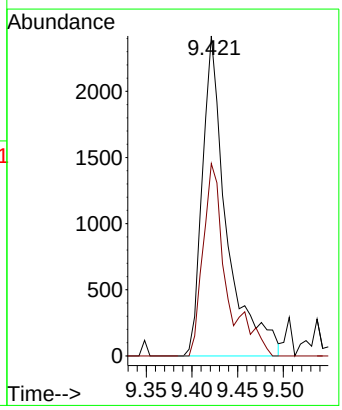


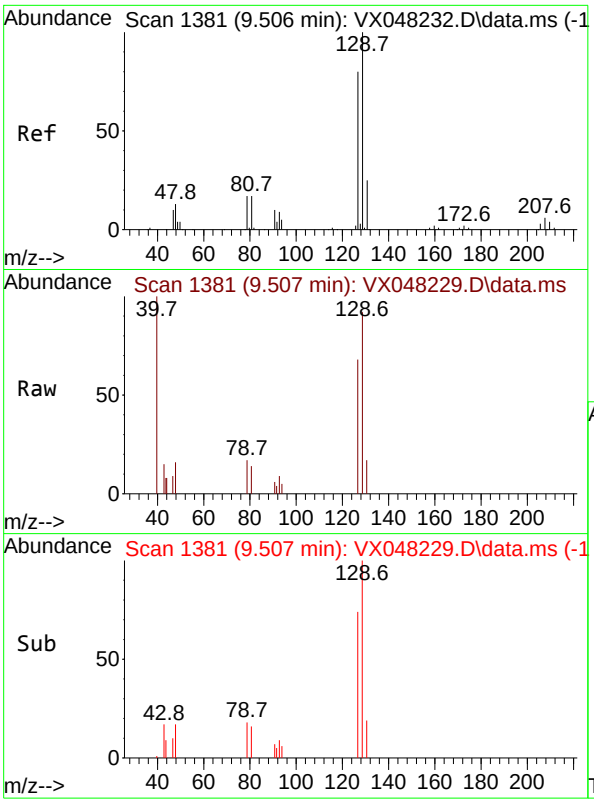


#59
2-Hexanone
Concen: 4.518 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 4456

Ion	Ratio	Lower	Upper
43	100		
58	58.1	26.3	78.8





#60
Dibromochloromethane
Concen: 1.183 ug/l
RT: 9.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:129 Resp: 186

Ion	Ratio	Lower	Upper
129	100		
127	72.9	38.6	115.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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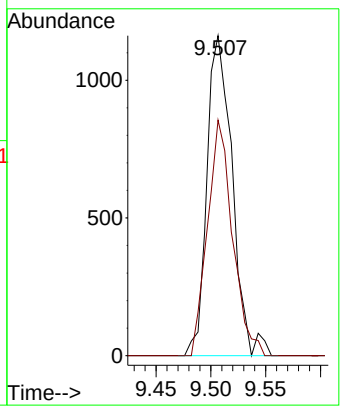
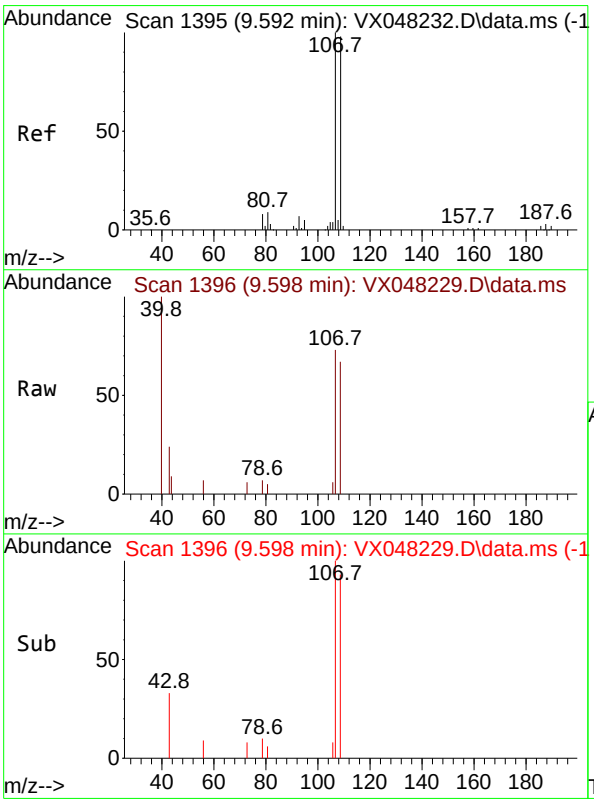
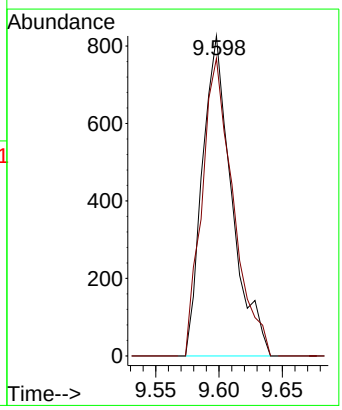


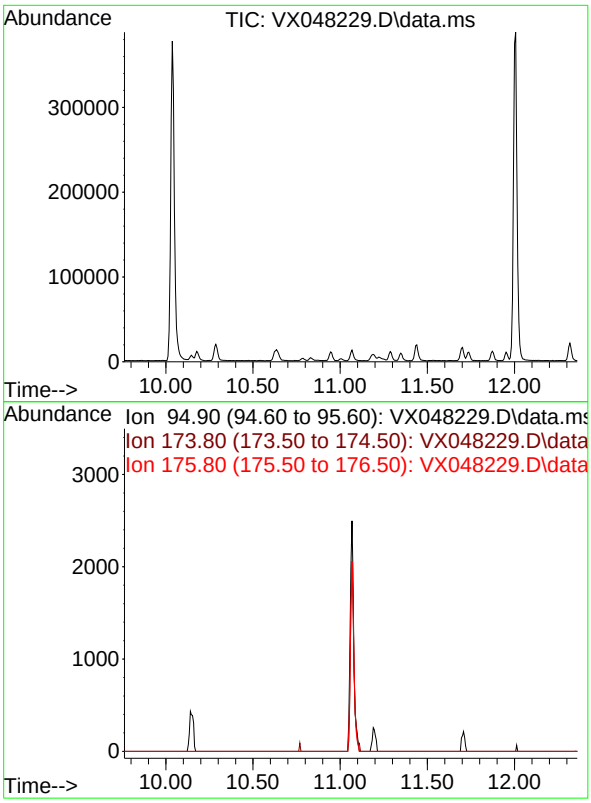


#61
1,2-Dibromoethane
Concen: 1.037 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:107 Resp: 1338

Ion	Ratio	Lower	Upper
107	100		
109	98.6	77.0	115.4





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.06 min

Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	73.9
176	71.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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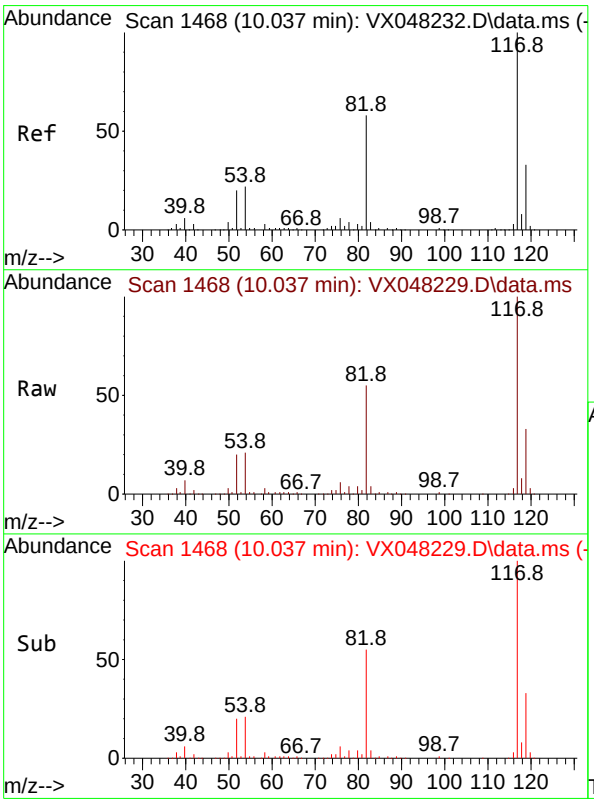
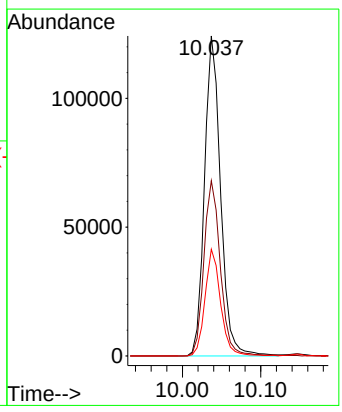
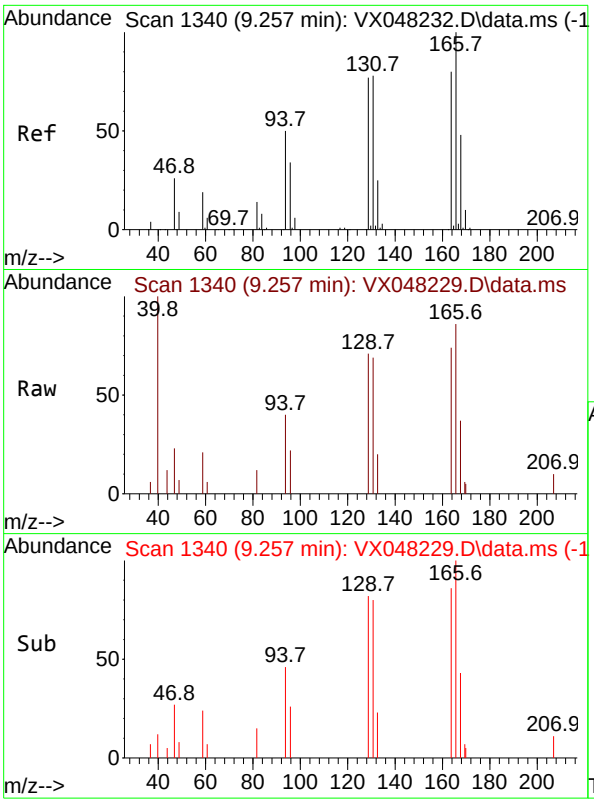


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 177252

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.5	69.7
119	33.3	25.9	38.9

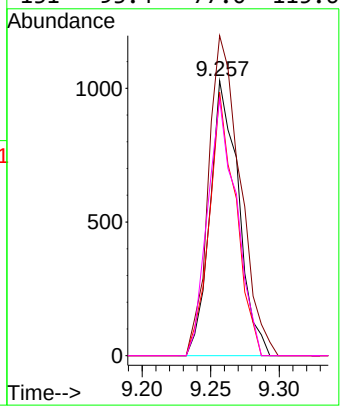




#64
Tetrachloroethene
Concen: 1.192 ug/l
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:164 Resp: 148

Ion	Ratio	Lower	Upper
164	100		
166	116.4	104.5	156.7
129	95.9	81.8	122.6
131	93.4	77.0	115.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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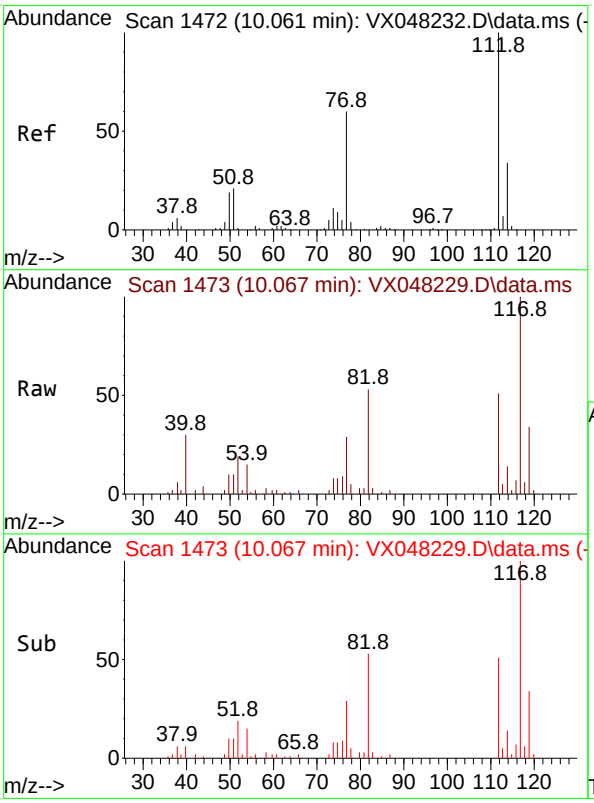
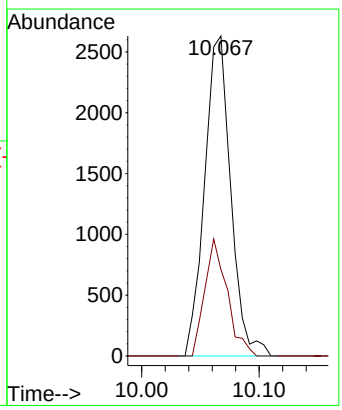
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

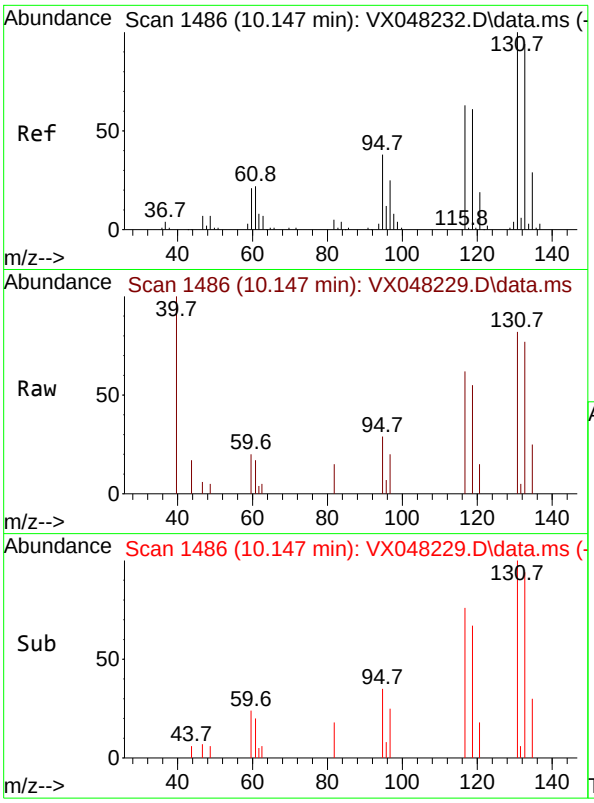


#65
Chlorobenzene
Concen: 1.051 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:112 Resp: 4073

Ion	Ratio	Lower	Upper
112	100		
114	27.0	26.2	39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 1.070 ug/l
RT: 10.147 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:131 Resp: 149

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.6	142.8
119	0.0	32.5	97.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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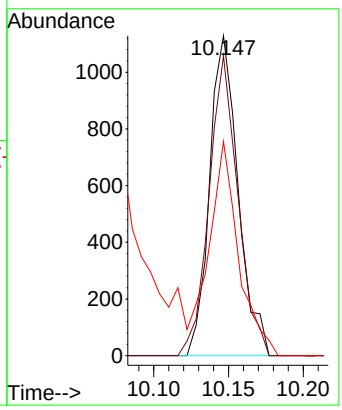
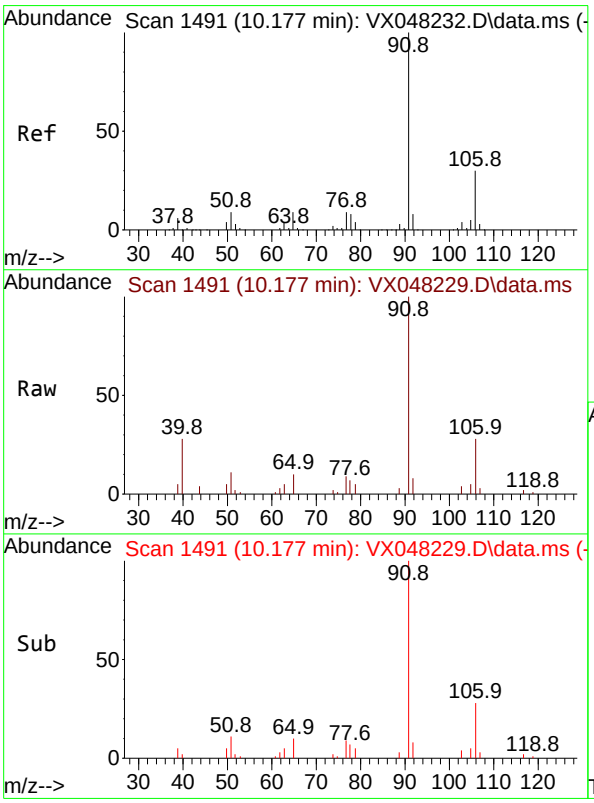
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

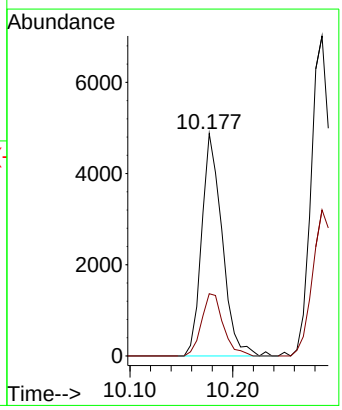


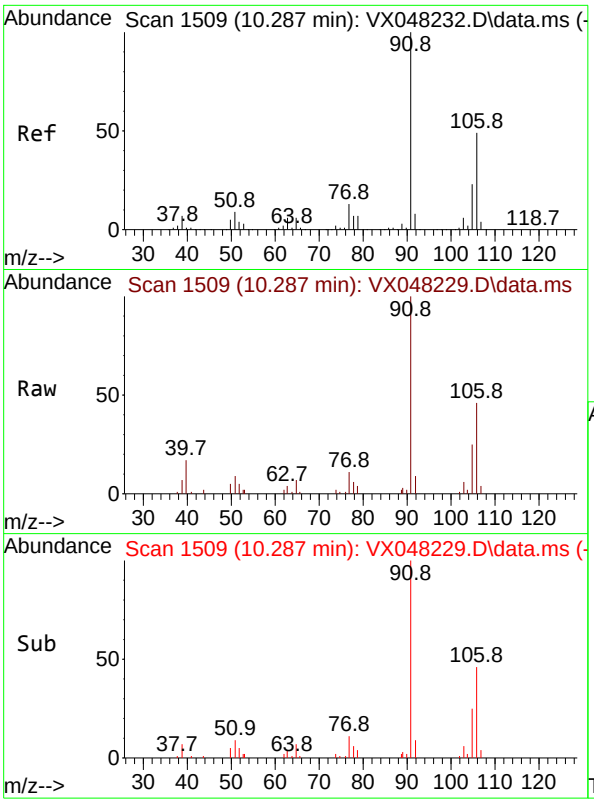


#67
Ethyl Benzene
Concen: 1.016 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6752

Ion	Ratio	Lower	Upper
91	100		
106	28.0	23.8	35.6





#68
m/p-Xylenes
Concen: 1.854 ug/l
RT: 10.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 458

Ion	Ratio	Lower	Upper
106	100		
91	225.6	167.9	251.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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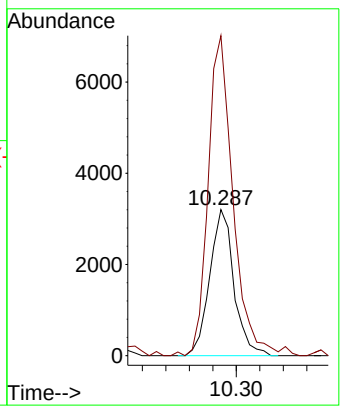
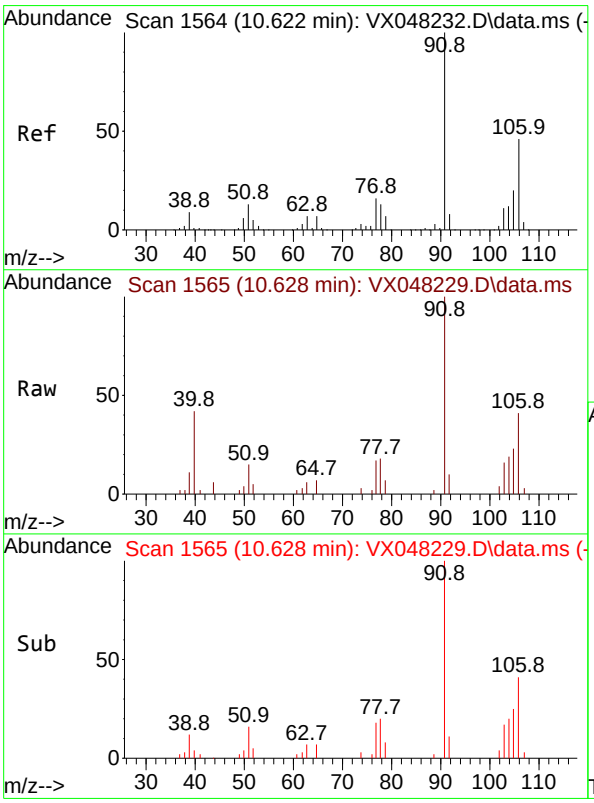
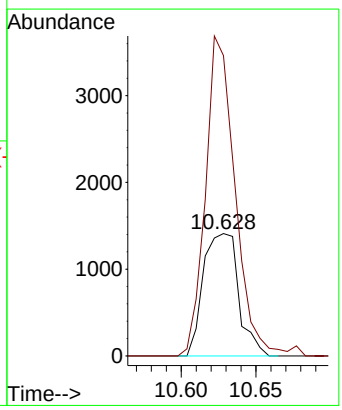


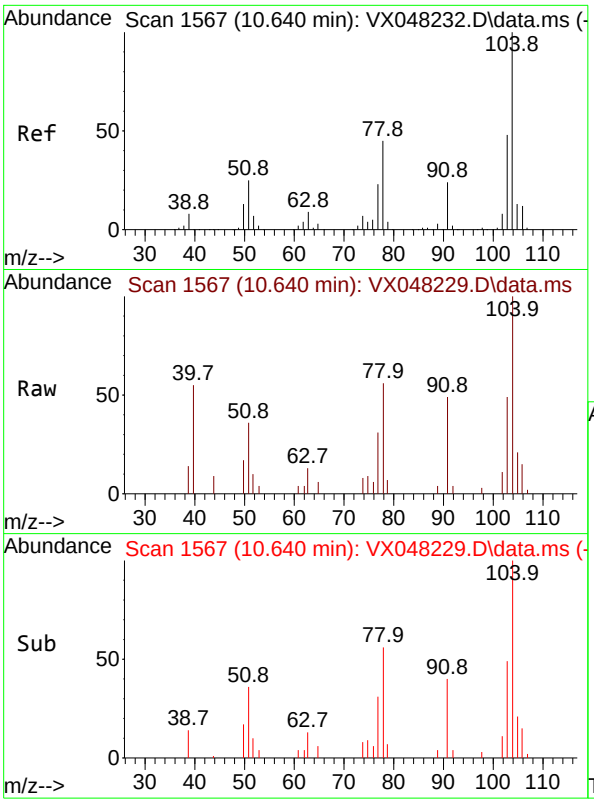


#69
o-Xylene
Concen: 0.993 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 2313

Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.3	333.9

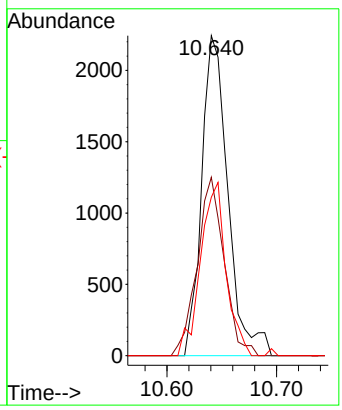




#70
Styrene
Concen: 0.932 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:104 Resp: 373

Ion	Ratio	Lower	Upper
104	100		
78	57.1	42.2	63.4
103	52.6	43.0	64.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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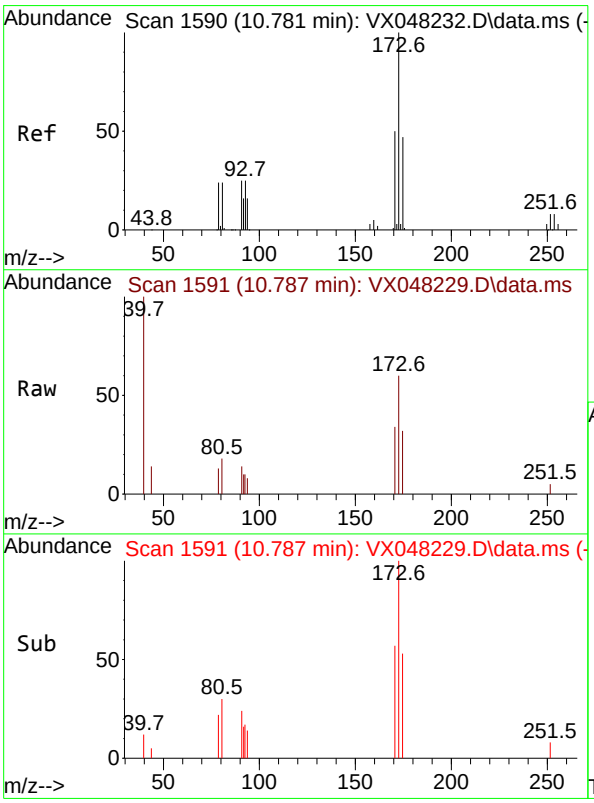
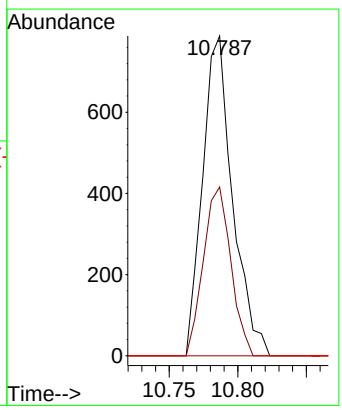
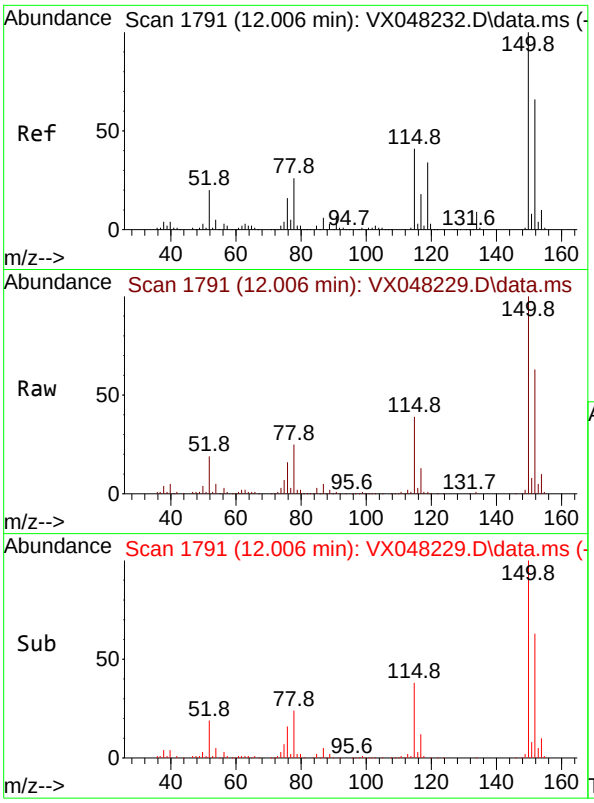


#71
Bromoform
Concen: 1.168 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:173 Resp: 1198

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0

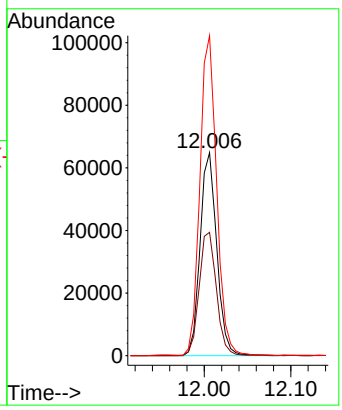




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:152 Resp: 8694

Ion	Ratio	Lower	Upper
152	100		
115	63.0	43.1	129.4
150	158.2	0.0	353.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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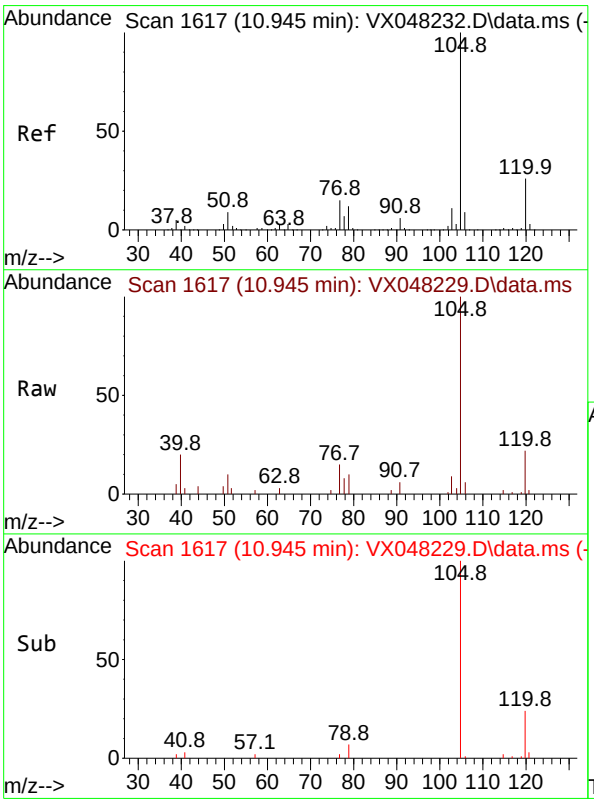
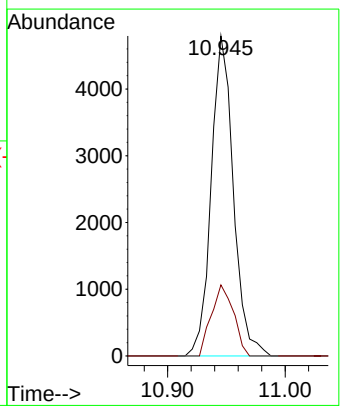
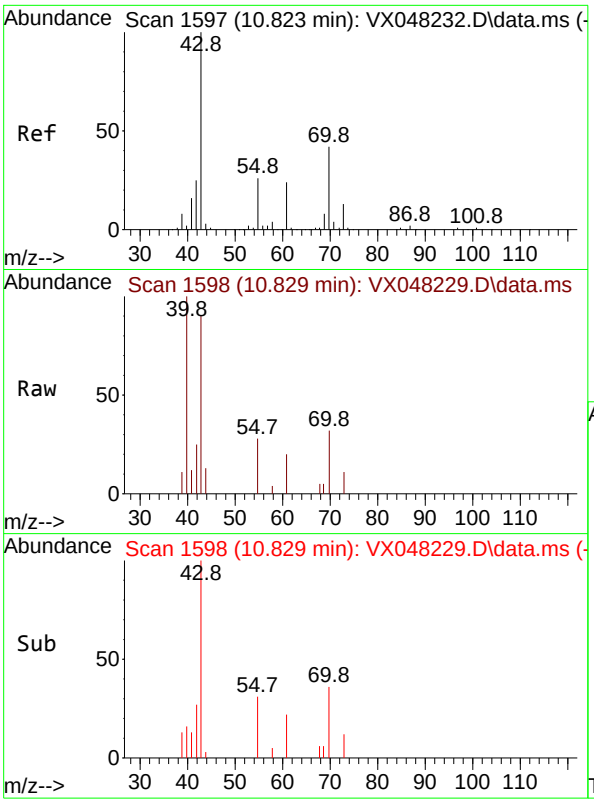


#73
Isopropylbenzene
Concen: 1.040 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 6291

Ion	Ratio	Lower	Upper
105	100		
120	22.2	13.0	38.9

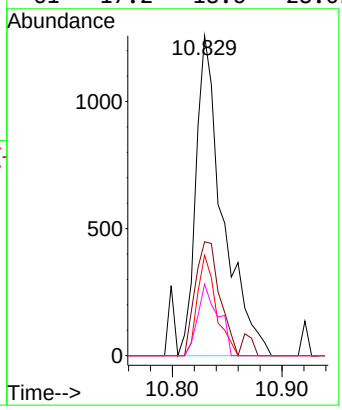




#74
N-amyl acetate
Concen: 0.947 ug/l
RT: 10.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 213

Ion	Ratio	Lower	Upper
43	100		
70	32.8	32.2	48.2
55	22.0	19.1	28.7
61	17.2	18.6	28.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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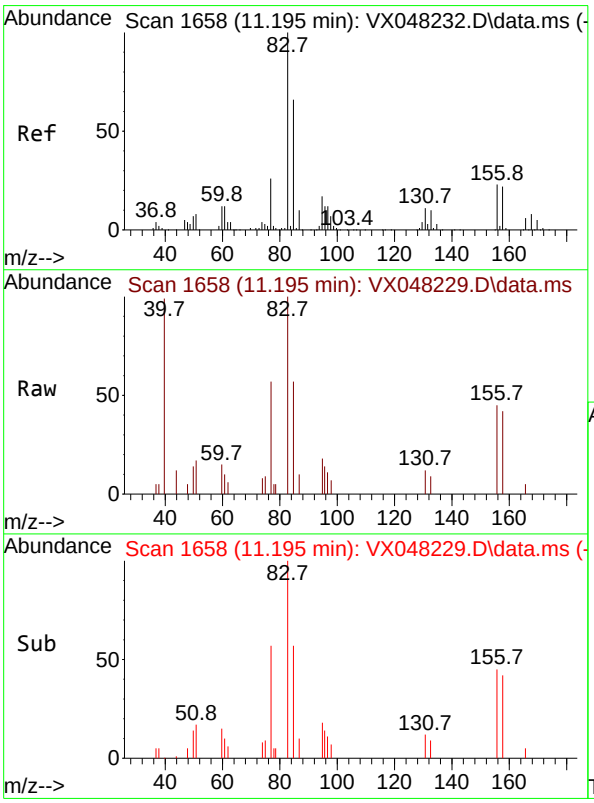
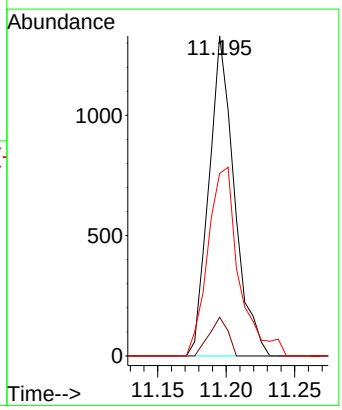
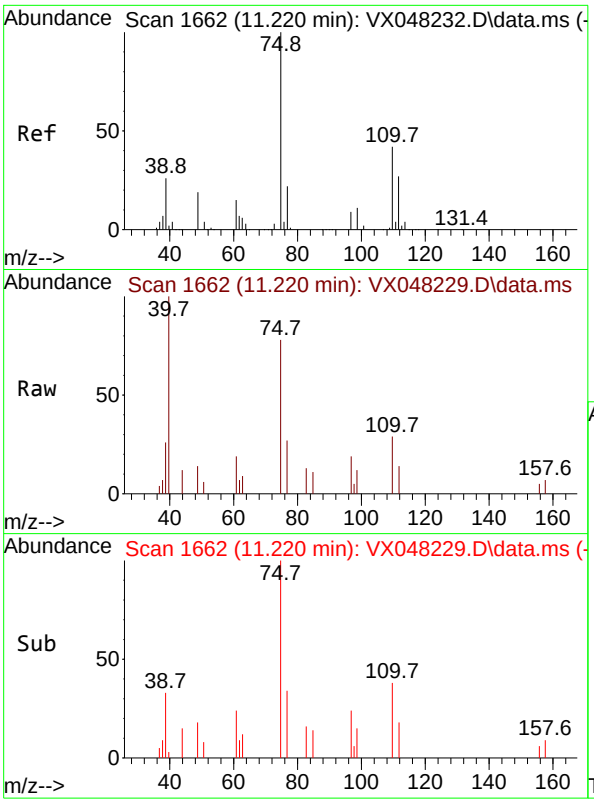


#75
1,1,2,2-Tetrachloroethane
Concen: 1.003 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 1718

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	72.1	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 1.216 ug/l m
RT: 11.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 161

Ion	Ratio	Lower	Upper
75	100		
77	40.2	22.4	67.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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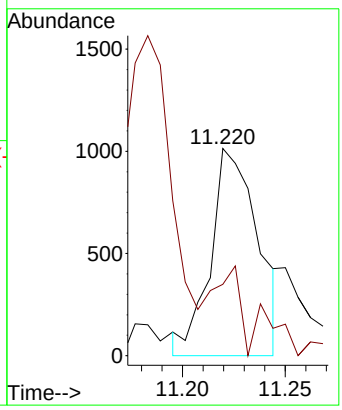
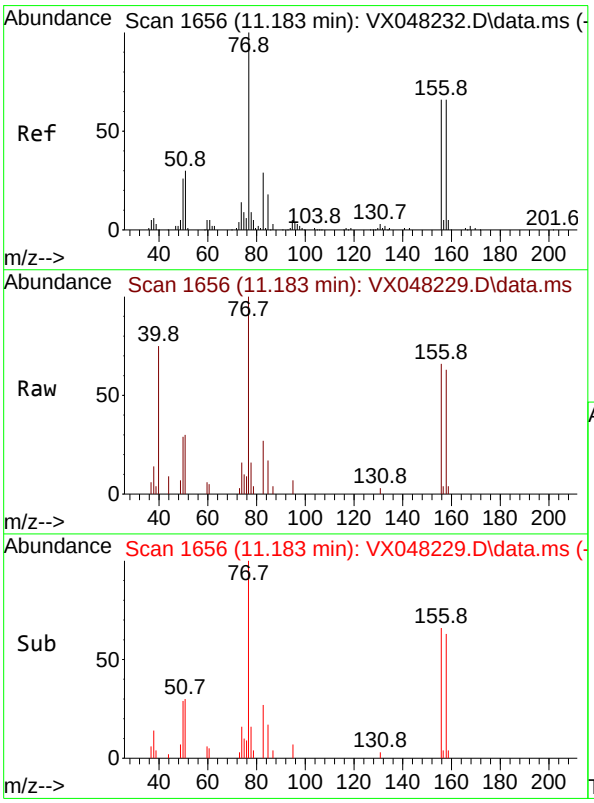
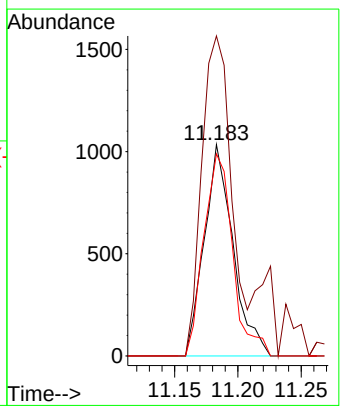


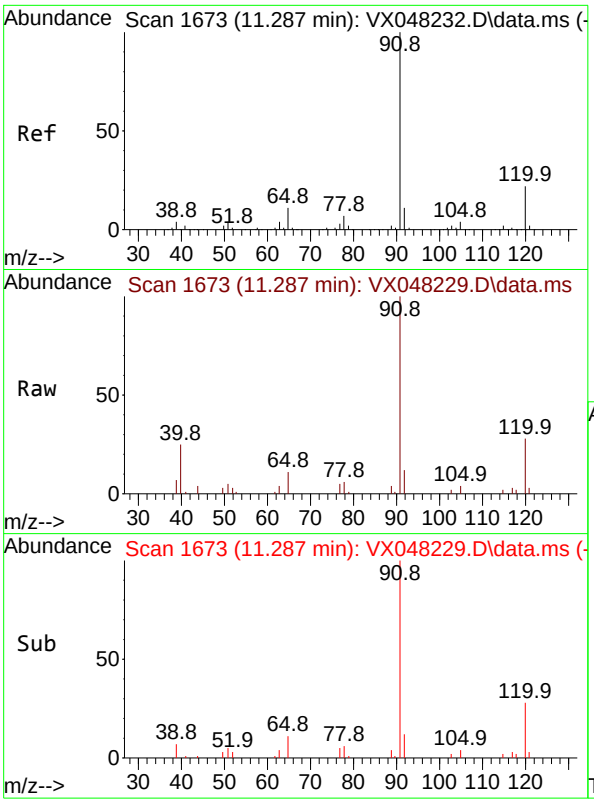


#77
Bromobenzene
Concen: 1.080 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:156 Resp: 1635

Ion	Ratio	Lower	Upper
156	100		
77	155.2	87.0	261.0
158	96.4	47.8	143.4





#78
n-propylbenzene
Concen: 0.949 ug/l
RT: 11.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 695

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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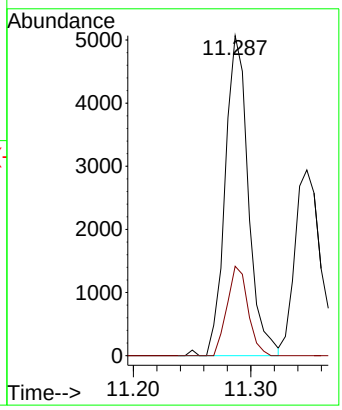
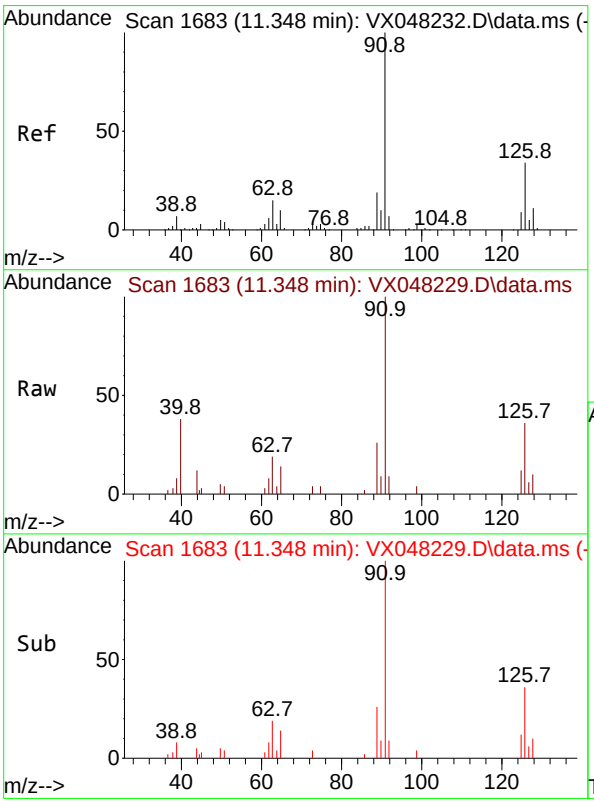
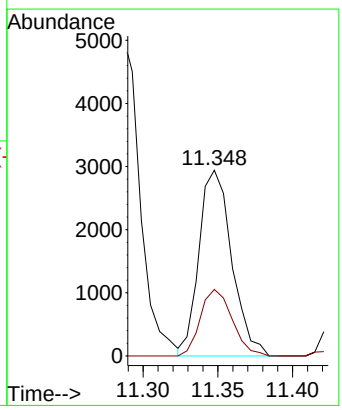


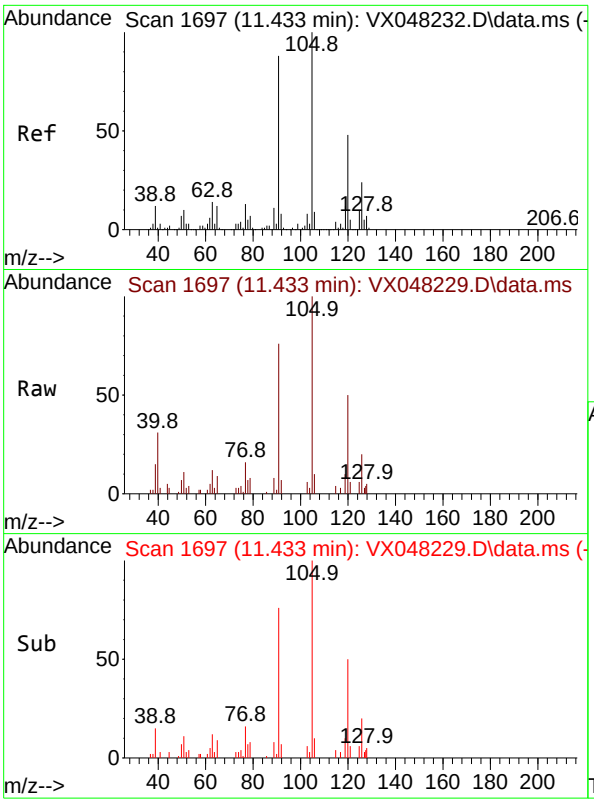


#79
2-Chlorotoluene
Concen: 1.010 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 4477

Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.4	49.4





#80
1,3,5-Trimethylbenzene
Concen: 1.047 ug/l
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 519

Ion	Ratio	Lower	Upper
105	100		
120	46.2	24.0	72.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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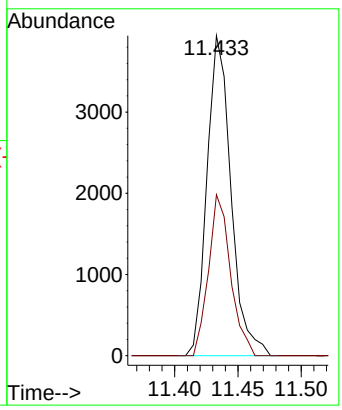
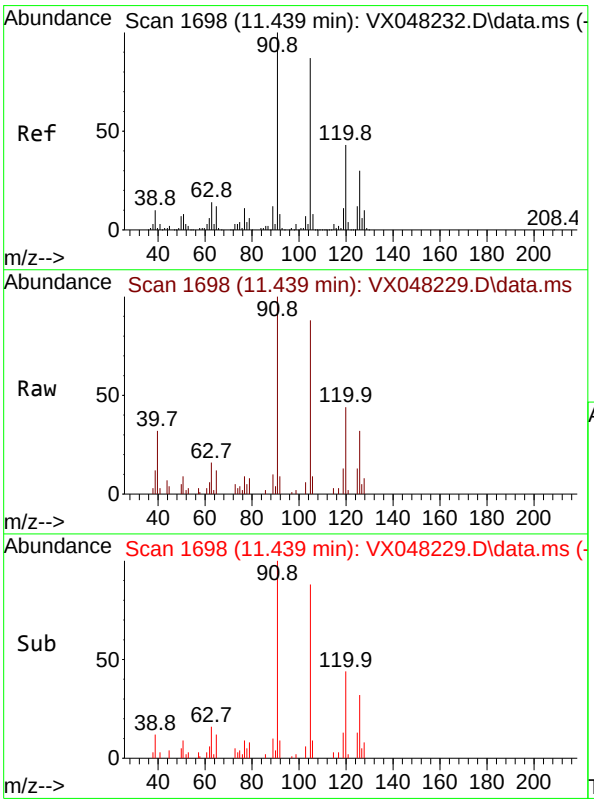
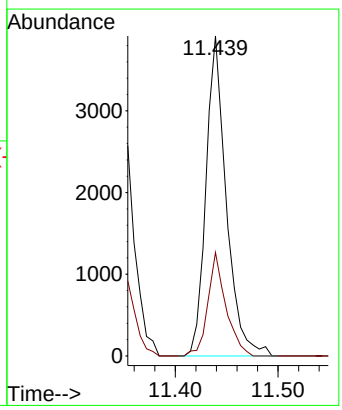


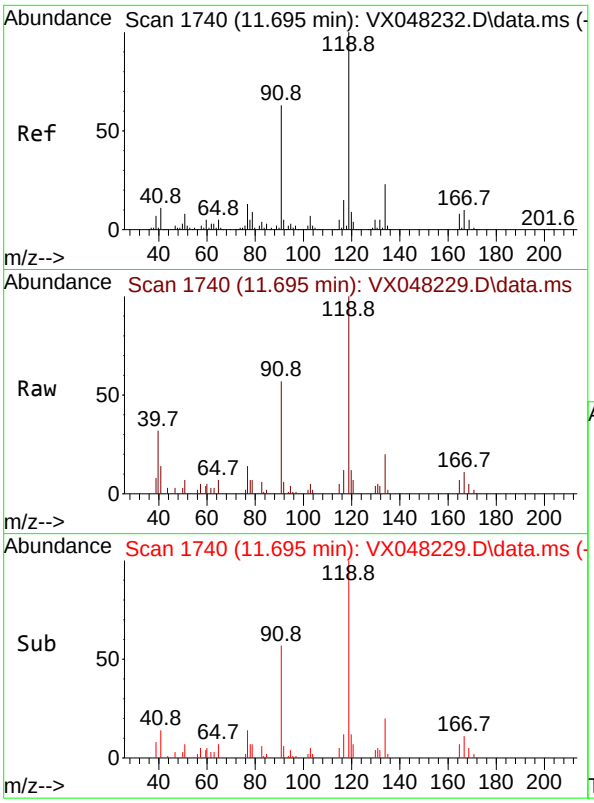


#82
4-Chlorotoluene
Concen: 1.034 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 5385

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.1	42.4





#83
tert-Butylbenzene
Concen: 1.085 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 543

Ion	Ratio	Lower	Upper
119	100		
91	53.0	30.3	91.0
134	19.9	11.4	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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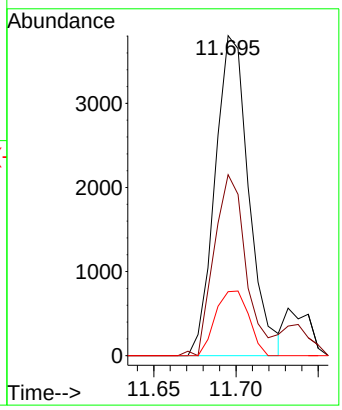
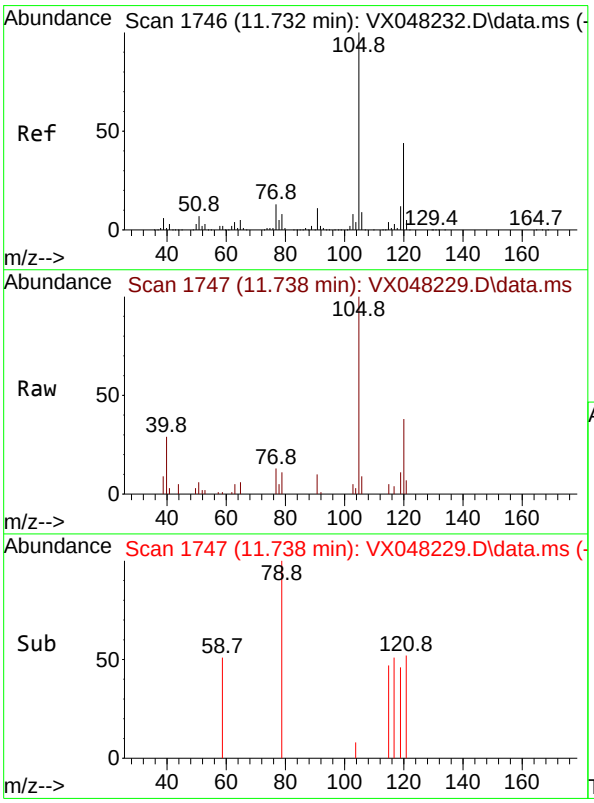
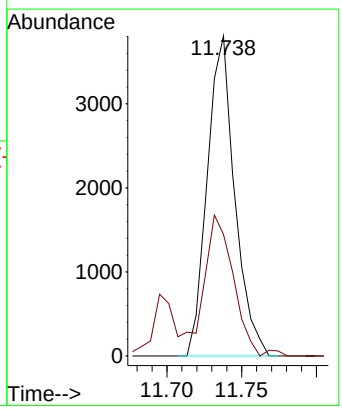


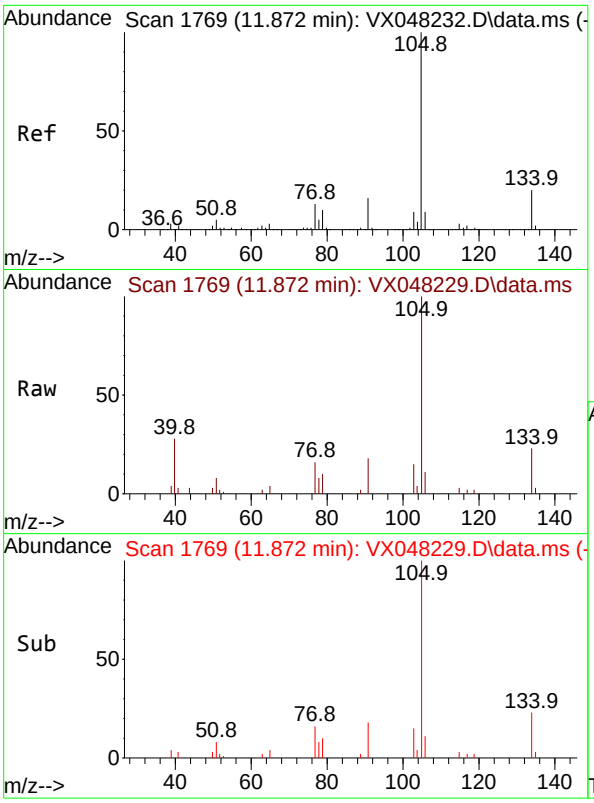


#84
1,2,4-Trimethylbenzene
Concen: 0.982 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 4854

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.5





#85
sec-Butylbenzene
Concen: 1.075 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

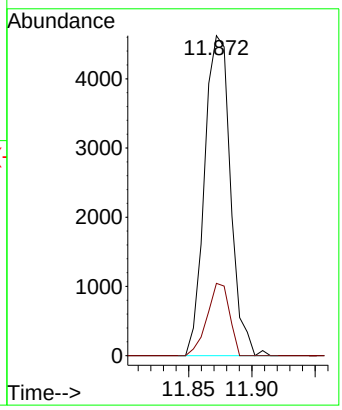
Tgt Ion:105 Resp: 658

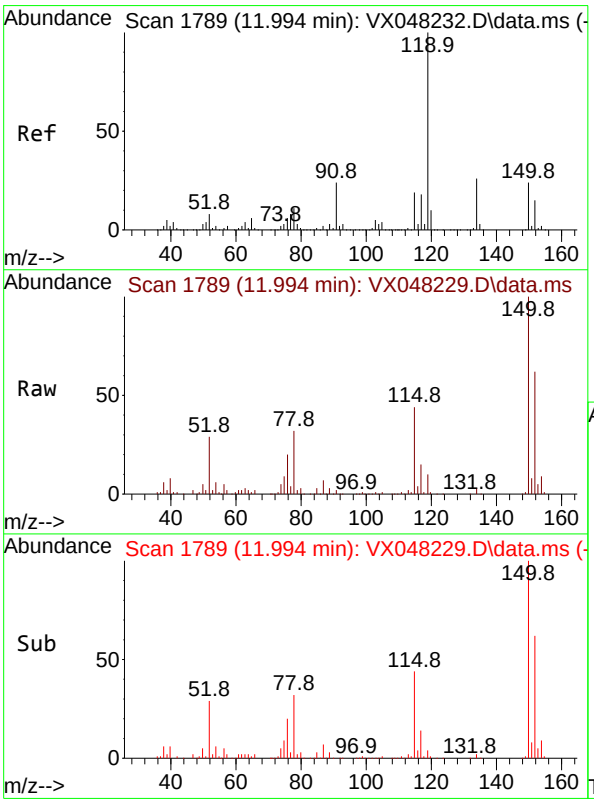
Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

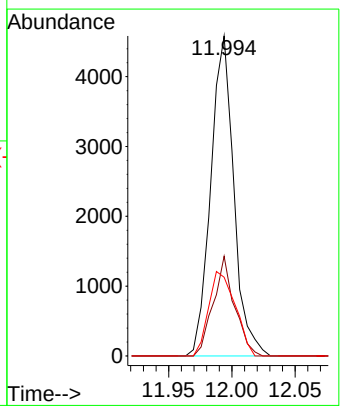


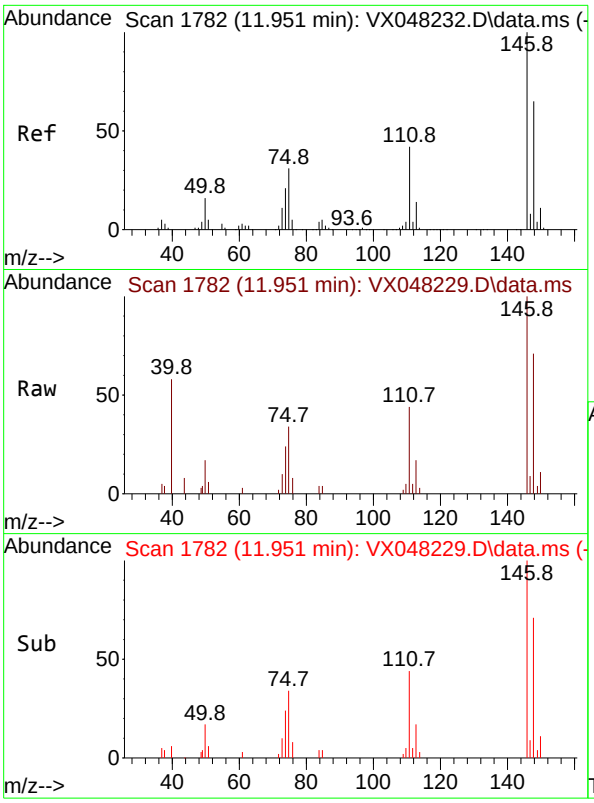


#86
p-Isopropyltoluene
Concen: 1.125 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 5812

Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.0	39.0
91	30.5	12.1	36.3

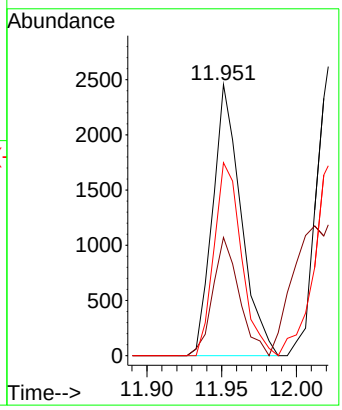




#87
1,3-Dichlorobenzene
Concen: 1.145 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 323

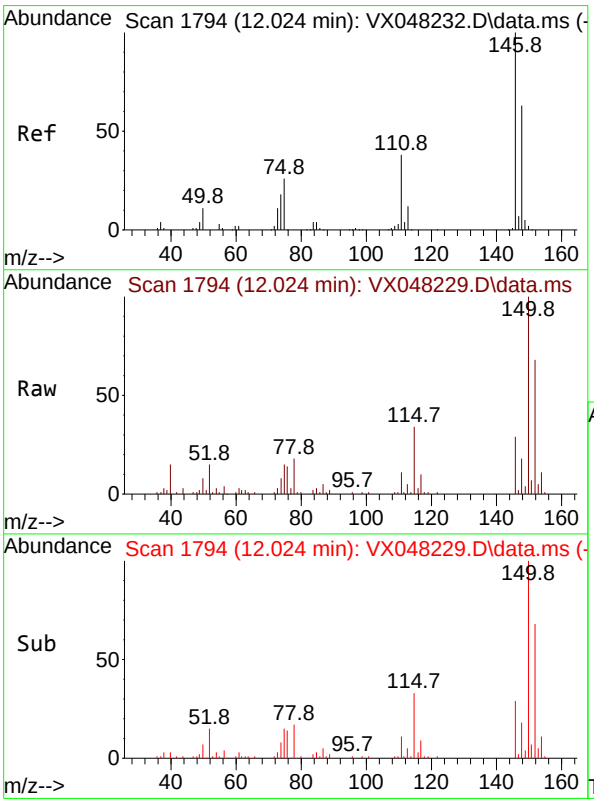
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	68.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

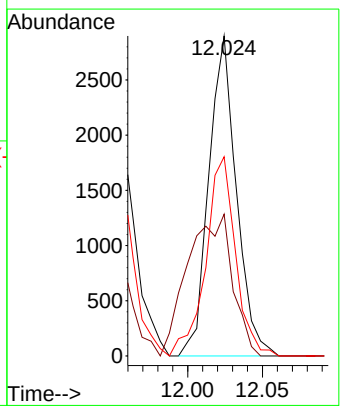
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

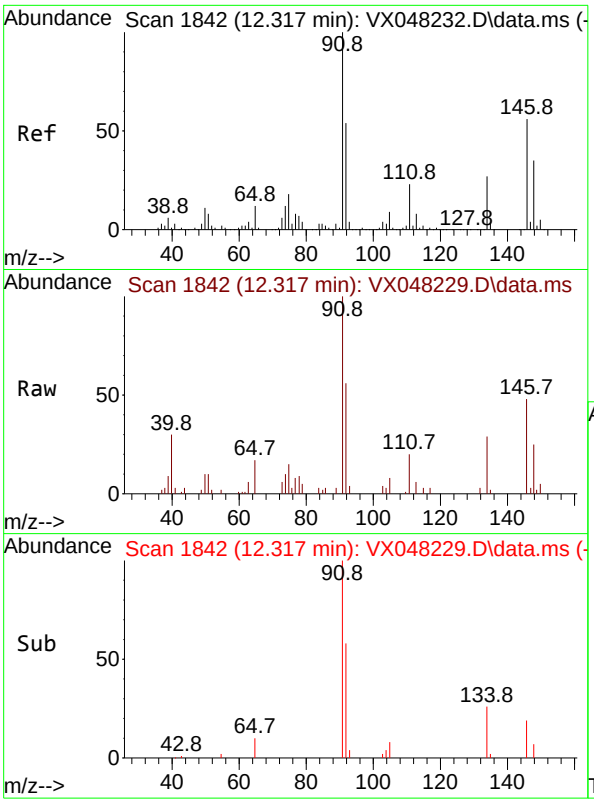


#88
1,4-Dichlorobenzene
Concen: 1.270 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 3727

Ion	Ratio	Lower	Upper
146	100		
111	35.2	20.1	60.2
148	59.9	31.8	95.3

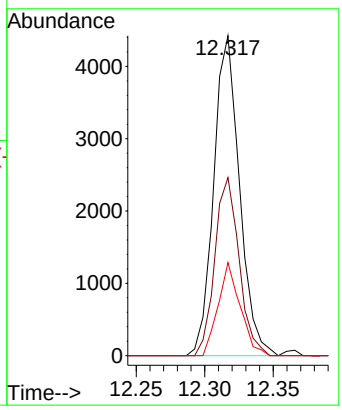




#89
n-Butylbenzene
Concen: 1.202 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 578

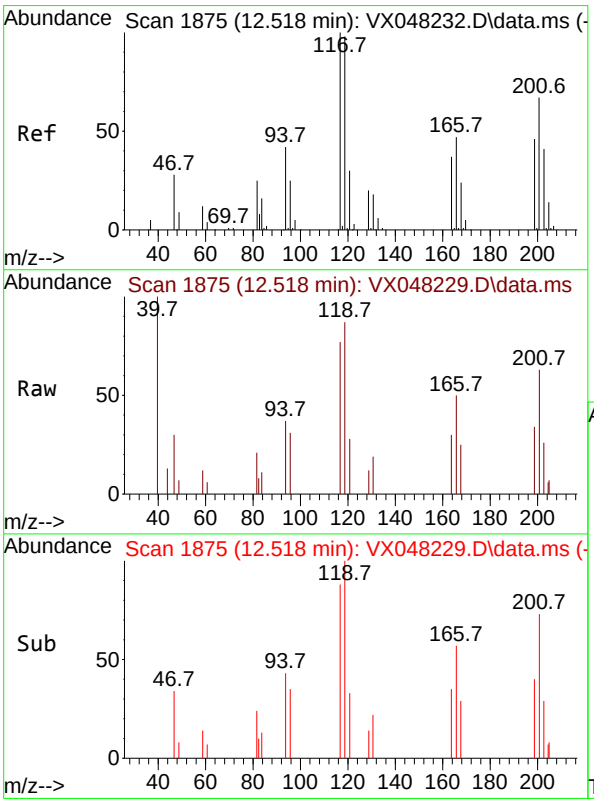
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	24.9	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

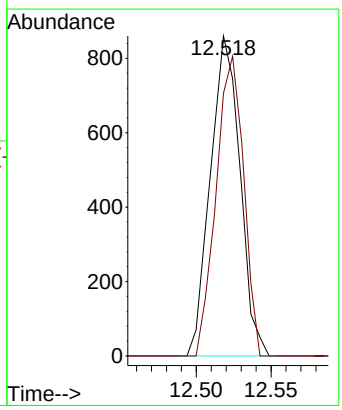
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

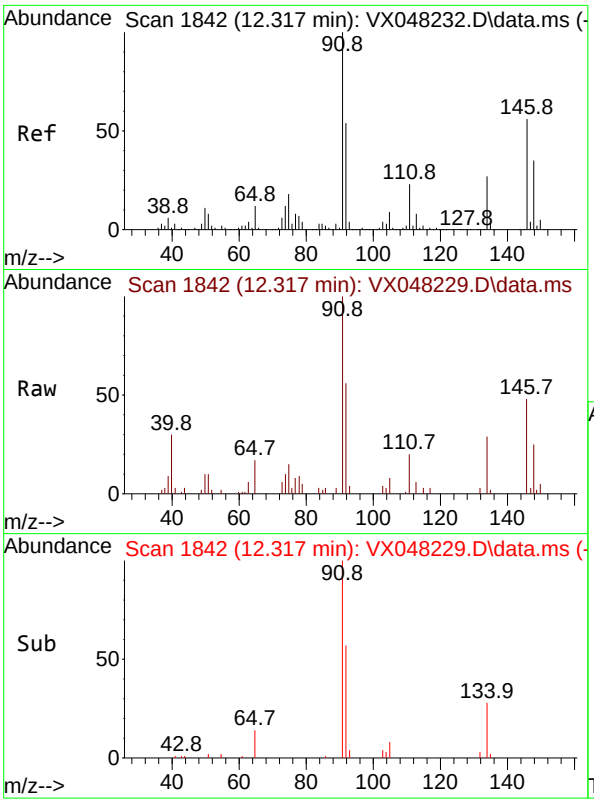


#90
Hexachloroethane
Concen: 1.084 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 1182

Ion	Ratio	Lower	Upper
117	100		
201	87.1	34.1	102.2

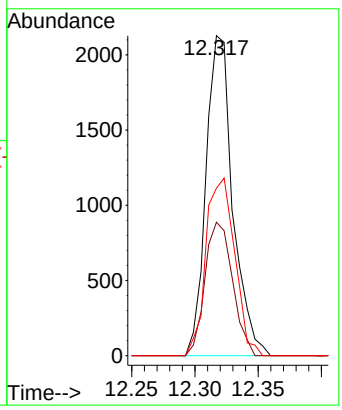




#91
1,2-Dichlorobenzene
Concen: 1.172 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 313

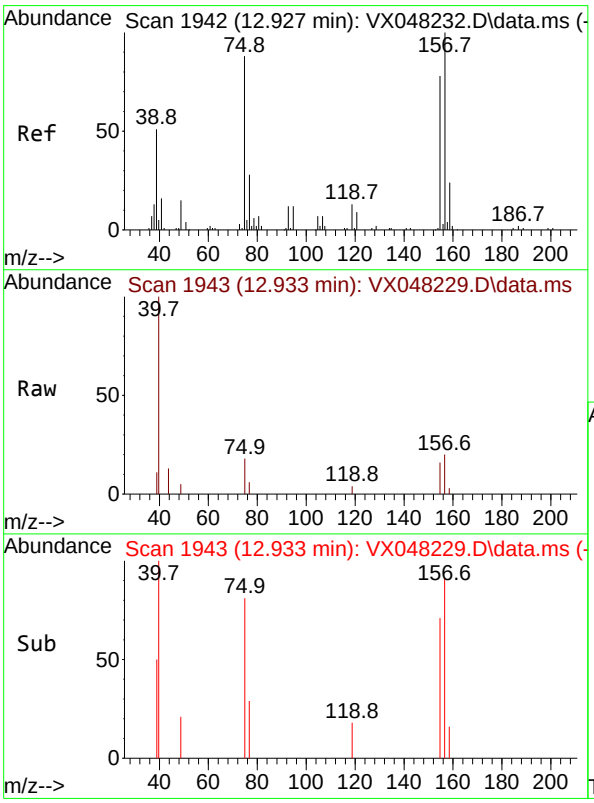
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.9	65.5
148	59.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

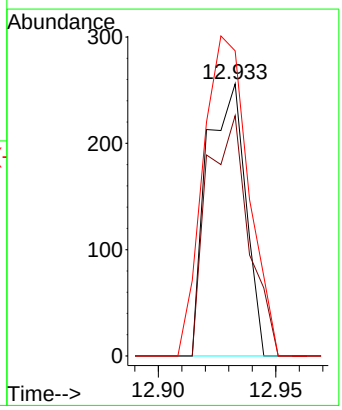
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

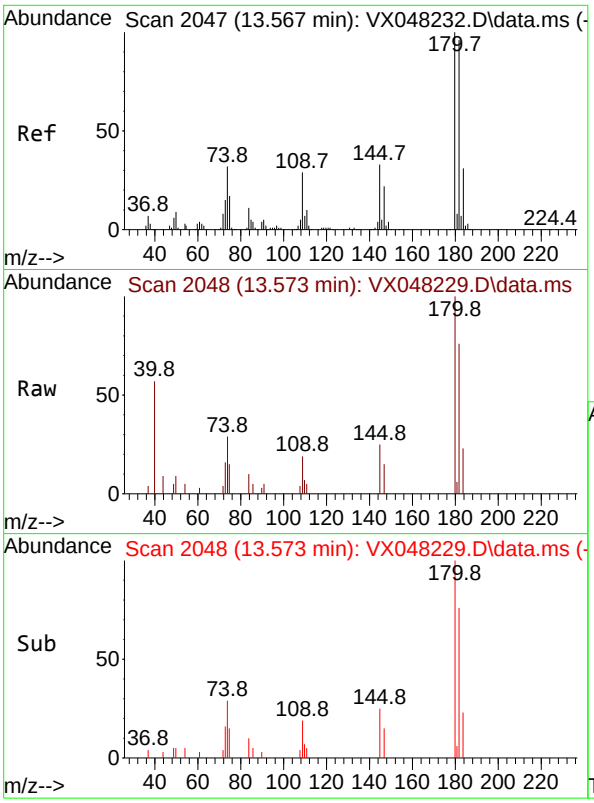


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.926 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290

Ion	Ratio	Lower	Upper
75	100		
155	95.2	42.8	128.4
157	139.0	54.2	162.6

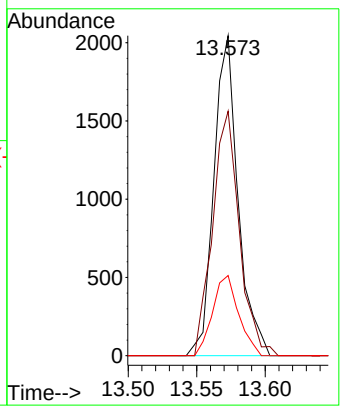




#93
1,2,4-Trichlorobenzene
Concen: 1.587 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 250

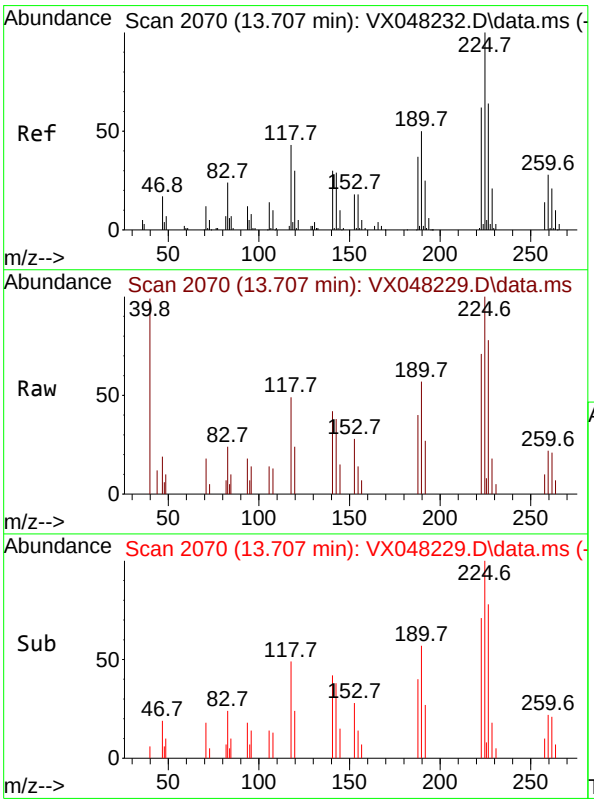
Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.3	142.0
145	27.1	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

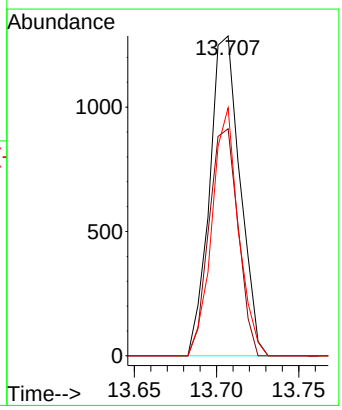
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

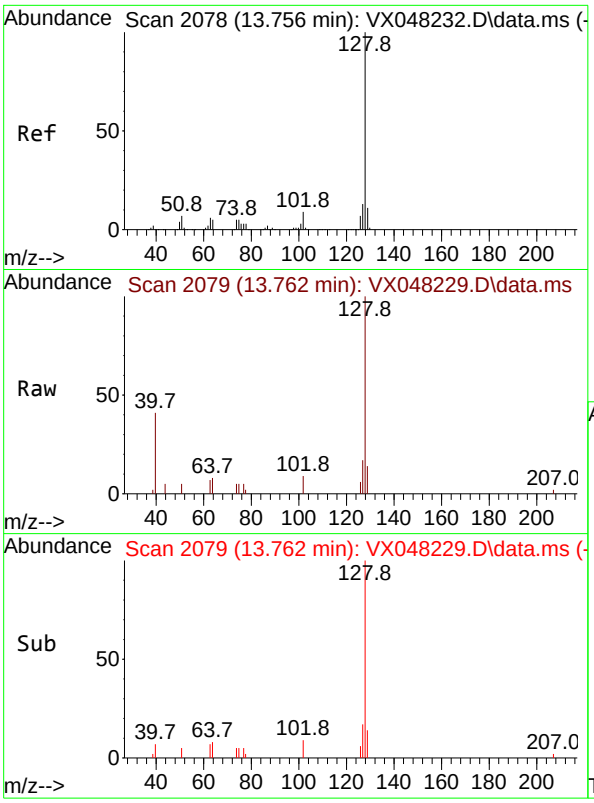


#94
Hexachlorobutadiene
Concen: 2.724 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:225 Resp: 1658

Ion	Ratio	Lower	Upper
225	100		
223	67.8	32.6	97.7
227	67.7	32.5	97.4

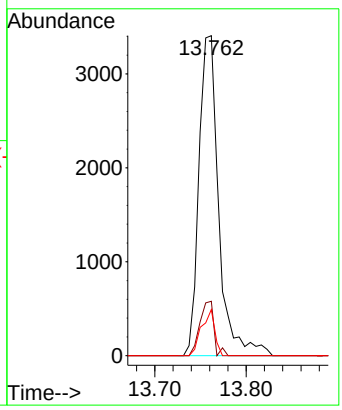




#95
Naphthalene
Concen: 1.230 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:128 Resp: 511

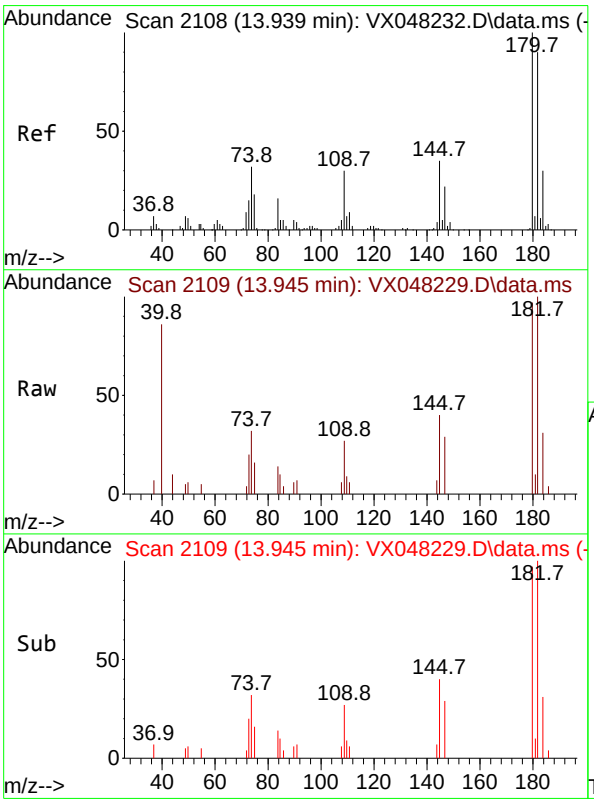
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	9.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

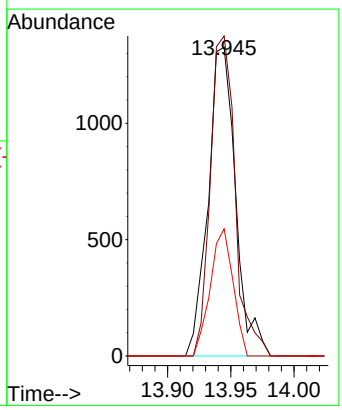
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 1.377 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 2006

Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.6	139.7
145	34.1	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	119626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	195028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	178975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	33936	18.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.620%#		
35) Dibromofluoromethane	5.373	113	26897	19.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.740%#		
50) Toluene-d8	8.635	98	92476	18.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.920%#		
62) 4-Bromofluorobenzene	11.061	95	34724	19.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	24524	19.532	ug/l	98
3) Chloromethane	1.300	50	22401	14.727	ug/l	100
4) Vinyl Chloride	1.380	62	20913	13.048	ug/l	94
5) Bromomethane	1.617	94	15473	14.517	ug/l	100
6) Chloroethane	1.697	64	13249	12.990	ug/l	93
7) Trichlorofluoromethane	1.898	101	41824	16.625	ug/l	98
8) Diethyl Ether	2.136	74	12293	14.325	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	25843	18.229	ug/l	96
10) Methyl Iodide	2.459	142	30452	17.934	ug/l	99
11) Tert butyl alcohol	2.947	59	16521	134.353	ug/l	100
12) 1,1-Dichloroethene	2.325	96	26209	18.907	ug/l	92
13) Acrolein	2.239	56	15157	58.651	ug/l	99
14) Allyl chloride	2.666	41	43494	17.443	ug/l	98
15) Acrylonitrile	3.056	53	63931	108.499	ug/l	97
16) Acetone	2.373	43	59884	94.723	ug/l	96
17) Carbon Disulfide	2.520	76	77142	18.087	ug/l	98
18) Methyl Acetate	2.703	43	26374	20.482	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	91349	21.877	ug/l	100
20) Methylene Chloride	2.794	84	31157	20.231	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	28001	19.525	ug/l	94
22) Diisopropyl ether	3.751	45	90030	18.439	ug/l	87
23) Vinyl Acetate	3.715	43	364009	99.706	ug/l	98
24) 1,1-Dichloroethane	3.605	63	51927	18.746	ug/l	98
25) 2-Butanone	4.544	43	78643	106.774	ug/l	95
26) 2,2-Dichloropropane	4.465	77	46568	19.669	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	33508	19.688	ug/l	98
28) Bromochloromethane	4.891	49	19339	15.146	ug/l	90
29) Tetrahydrofuran	4.995	42	47457	109.718	ug/l	94
30) Chloroform	5.080	83	57780	19.813	ug/l	99
31) Cyclohexane	5.464	56	42796	18.882	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51929	21.672	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38270	20.071	ug/l	99
37) Ethyl Acetate	4.702	43	30904	20.280	ug/l #	95
38) Carbon Tetrachloride	5.666	117	46323	21.166	ug/l	98
39) Methylcyclohexane	7.366	83	42776	19.897	ug/l	94
40) Benzene	6.025	78	115488	20.398	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	18461	22.621	ug/l		97
42) 1,2-Dichloroethane	6.074	62	44176	21.778	ug/l		100
43) Isopropyl Acetate	6.324	43	55317	21.625	ug/l		96
44) Trichloroethene	7.110	130	29108	20.399	ug/l		90
45) 1,2-Dichloropropane	7.421	63	28242	19.709	ug/l		97
46) Dibromomethane	7.568	93	21605	20.955	ug/l		92
47) Bromodichloromethane	7.805	83	46221	20.743	ug/l		100
48) Methyl methacrylate	7.677	41	27751	21.193	ug/l		94
49) 1,4-Dioxane	7.647	88	7620	646.470	ug/l		91
51) 4-Methyl-2-Pentanone	8.555	43	164708	115.713	ug/l		94
52) Toluene	8.702	92	73623	21.635	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	45416	21.756	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	47130	20.713	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	27884	21.961	ug/l		98
56) Ethyl methacrylate	9.104	69	41809	24.210	ug/l		93
57) 1,3-Dichloropropane	9.293	76	47896	21.591	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	104883	118.278	ug/l		96
59) 2-Hexanone	9.415	43	116268	116.777	ug/l		95
60) Dibromochloromethane	9.506	129	37127	23.361	ug/l		98
61) 1,2-Dibromoethane	9.598	107	30639	23.533	ug/l		96
64) Tetrachloroethene	9.256	164	27043	21.550	ug/l		89
65) Chlorobenzene	10.061	112	83004	21.211	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30278	21.471	ug/l		98
67) Ethyl Benzene	10.177	91	139895	20.852	ug/l		98
68) m/p-Xylenes	10.287	106	107377	42.962	ug/l		100
69) o-Xylene	10.622	106	50950	21.655	ug/l		98
70) Styrene	10.640	104	88481	21.848	ug/l		99
71) Bromoform	10.780	173	25027	24.168	ug/l	#	100
73) Isopropylbenzene	10.945	105	133034	21.025	ug/l		99
74) N-amyl acetate	10.829	43	48726	20.642	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38748	21.616	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	29913m	21.533	ug/l		
77) Bromobenzene	11.183	156	33843	21.374	ug/l		95
78) n-propylbenzene	11.286	91	154839	20.180	ug/l		98
79) 2-Chlorotoluene	11.347	91	95156	20.526	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	112057	21.575	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12001	21.154	ug/l		94
82) 4-Chlorotoluene	11.439	91	113495	20.833	ug/l		98
83) tert-Butylbenzene	11.695	119	112305	21.403	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	111976	21.652	ug/l		100
85) sec-Butylbenzene	11.872	105	134014	20.891	ug/l		100
86) p-Isopropyltoluene	11.994	119	114969	21.263	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	63377	21.403	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65612	21.375	ug/l		99
89) n-Butylbenzene	12.317	91	102140	20.281	ug/l		99
90) Hexachloroethane	12.518	117	22609	19.811	ug/l		94
91) 1,2-Dichlorobenzene	12.317	146	59345	21.212	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7983	24.372	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	35465	21.473	ug/l		98
94) Hexachlorobutadiene	13.707	225	14529	22.810	ug/l		98
95) Naphthalene	13.756	128	104803	24.073	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	34276	22.493	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 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_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 12:37:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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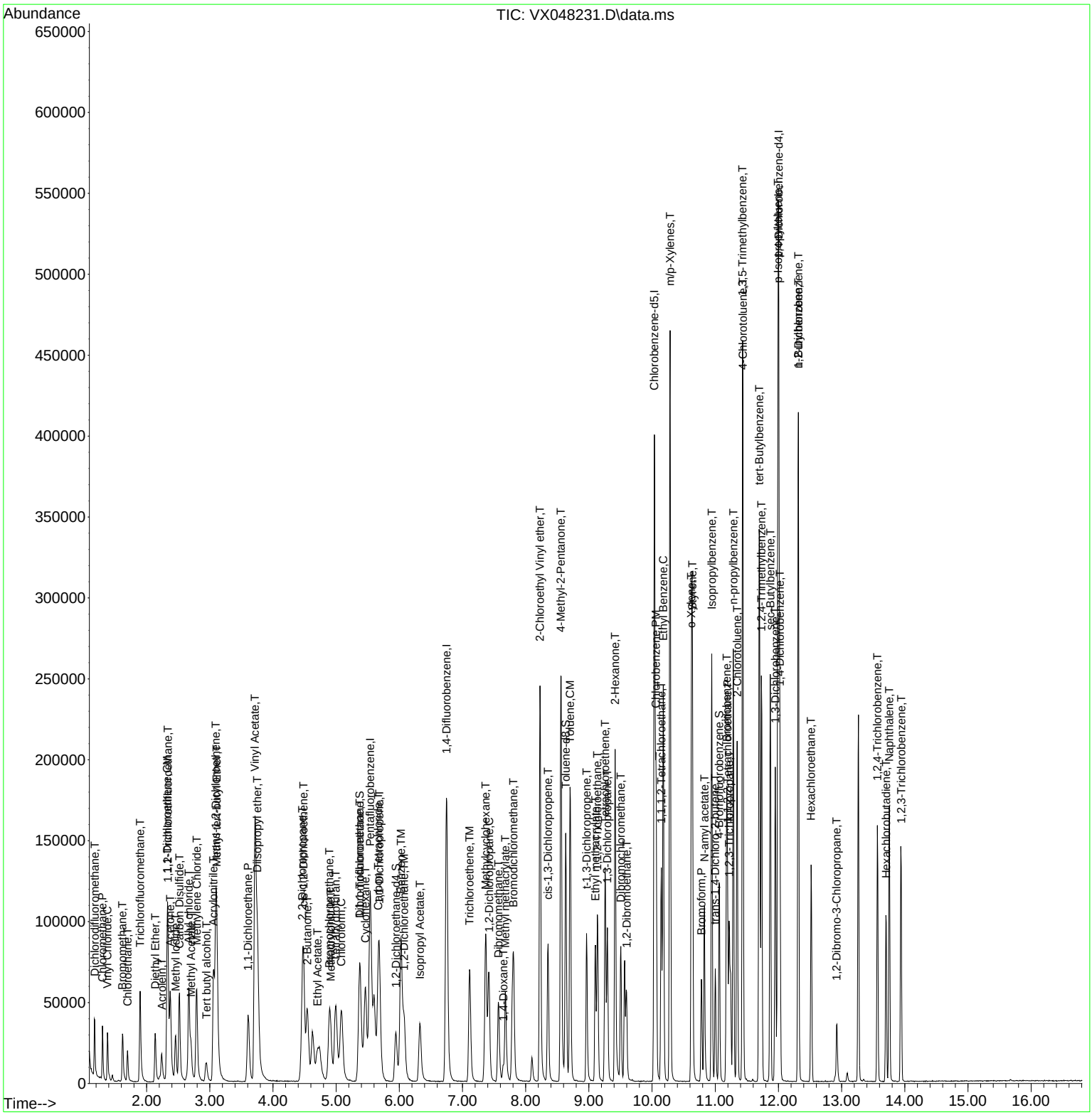
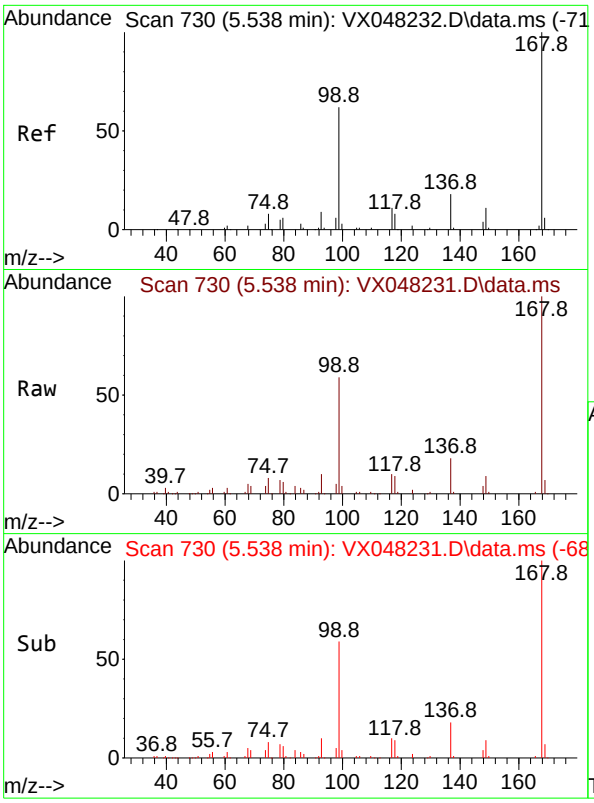
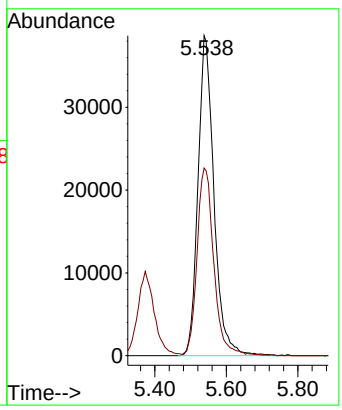




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:168 Resp: 11962

Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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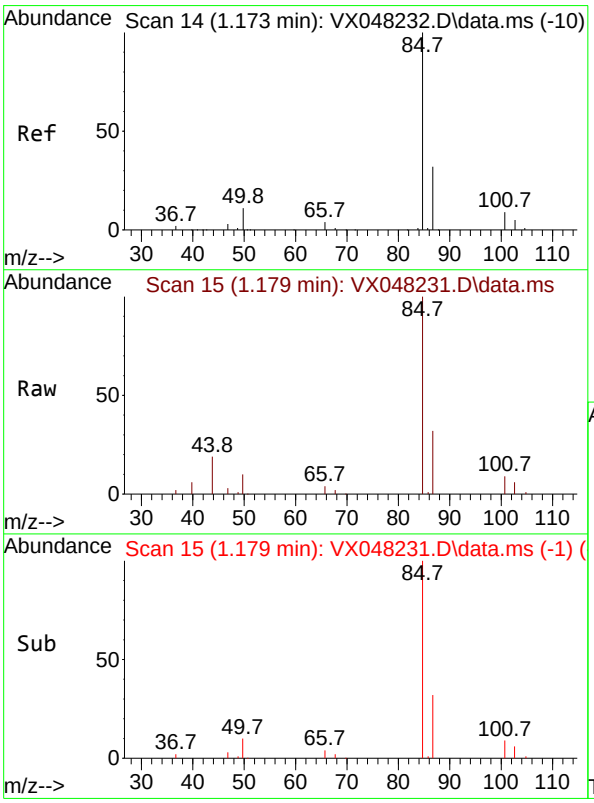
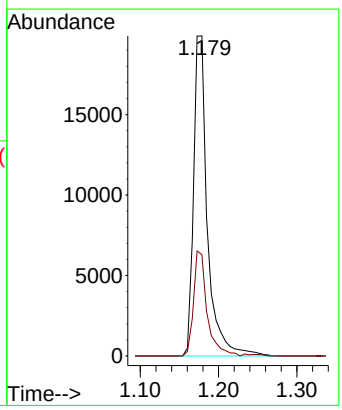
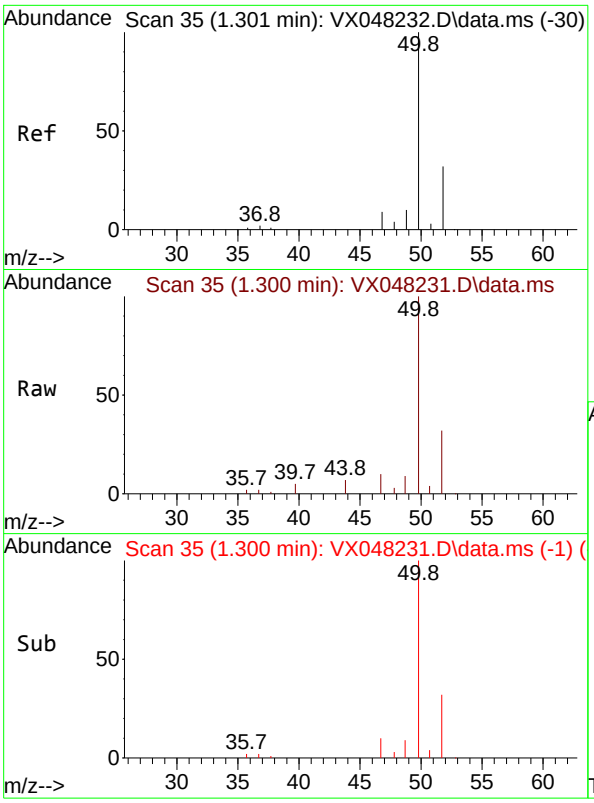


#2
Dichlorodifluoromethane
Concen: 19.532 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 85 Resp: 24524

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9

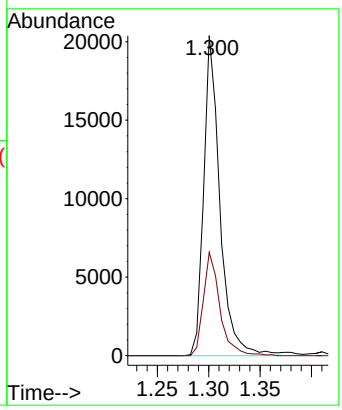




#3
Chloromethane
Concen: 14.727 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 50 Resp: 2240

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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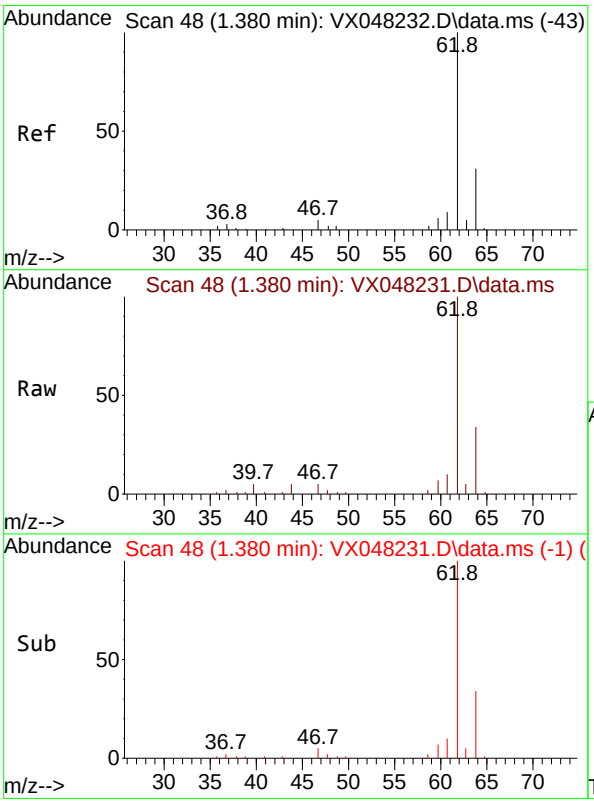
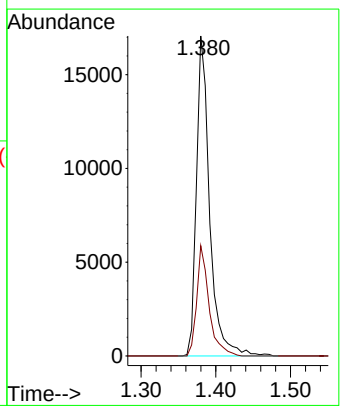
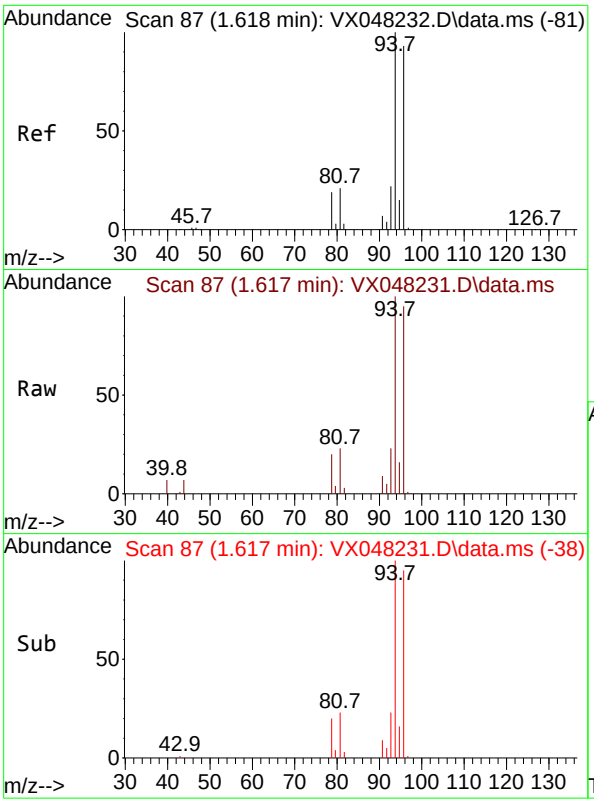


#4
Vinyl Chloride
Concen: 13.048 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913

Ion	Ratio	Lower	Upper
62	100		
64	34.5	25.1	37.7

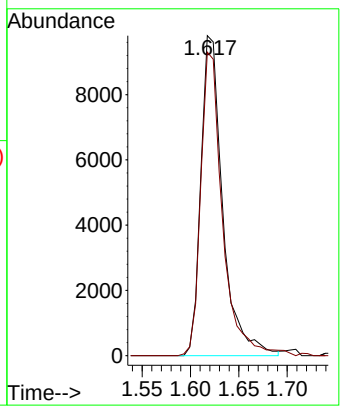




#5
Bromomethane
Concen: 14.517 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 94 Resp: 1547

Ion	Ratio	Lower	Upper
94	100		
96	94.8	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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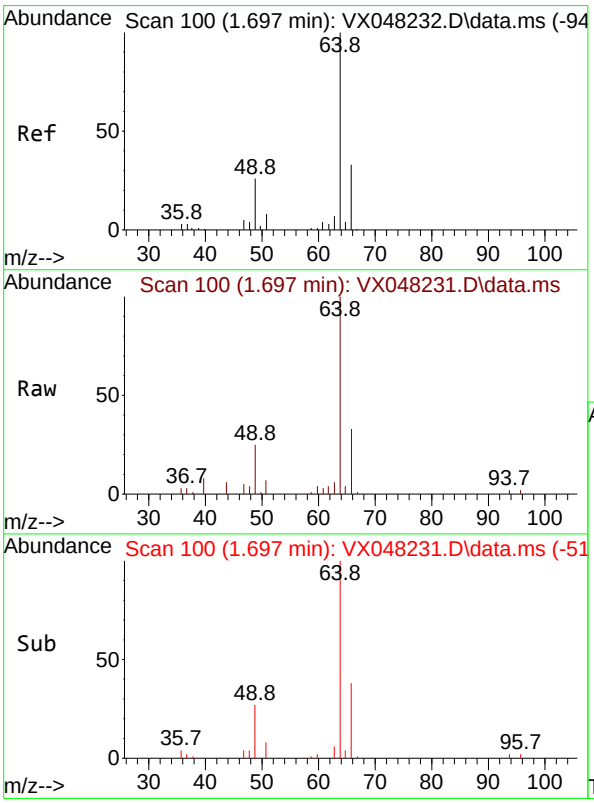
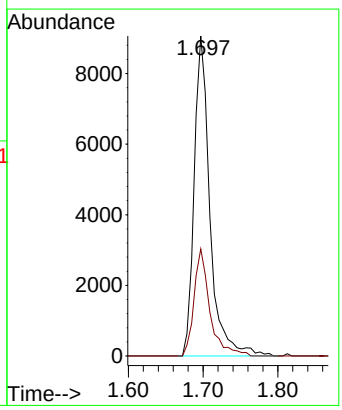
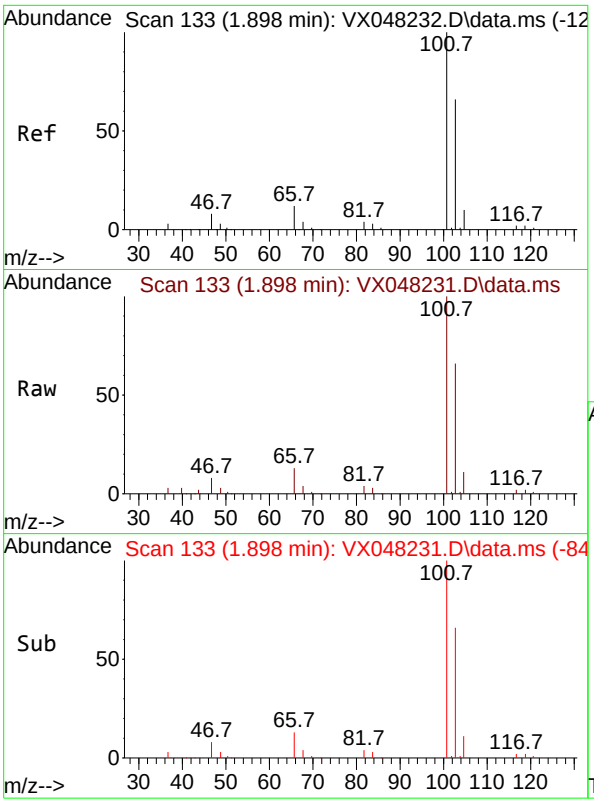


#6
Chloroethane
Concen: 12.990 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 64 Resp: 13249

Ion	Ratio	Lower	Upper
64	100		
66	33.4	23.9	35.9

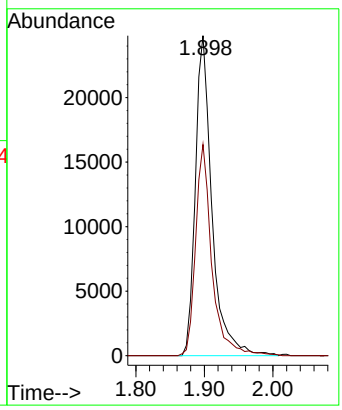




#7
Trichlorofluoromethane
Concen: 16.625 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:101 Resp: 4182

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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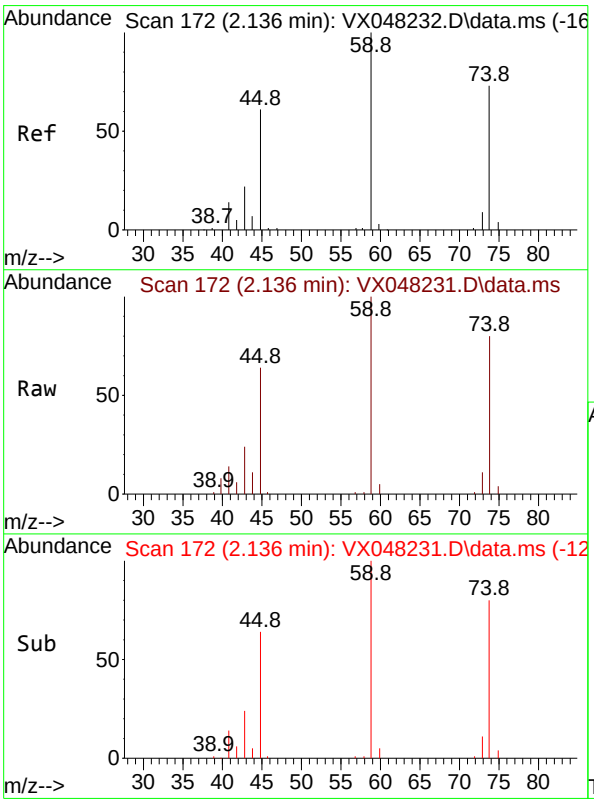
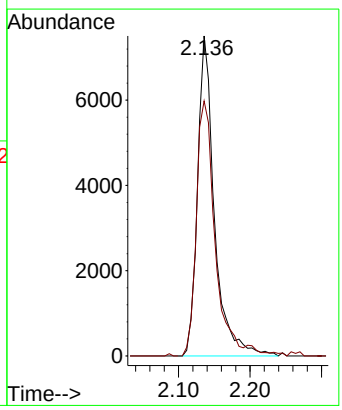
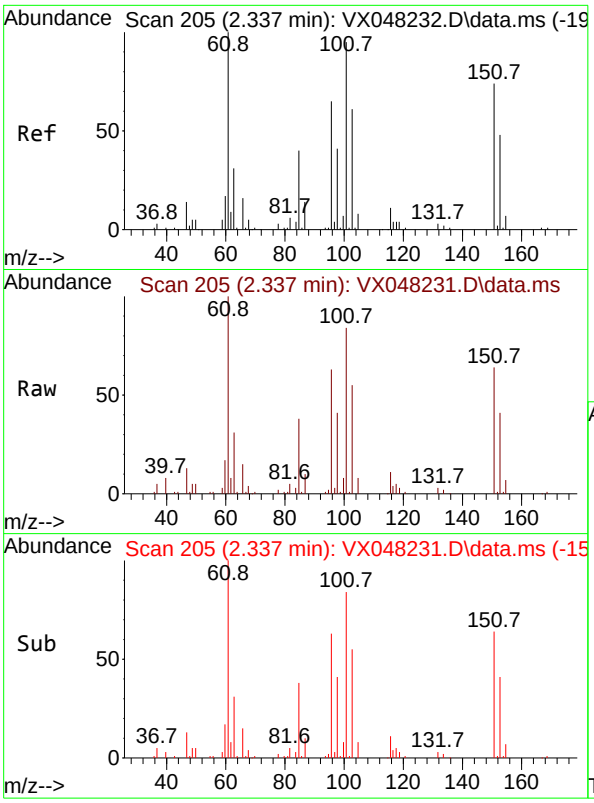


#8
Diethyl Ether
Concen: 14.325 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293

Ion	Ratio	Lower	Upper
74	100		
45	86.6	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.229 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:101 Resp: 2584

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.6	53.4
151	76.9	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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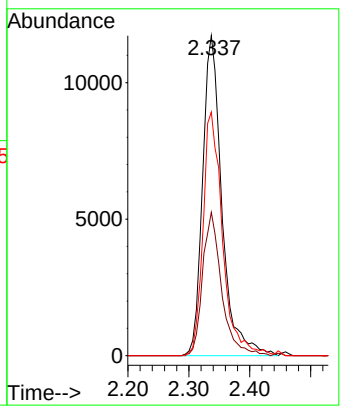
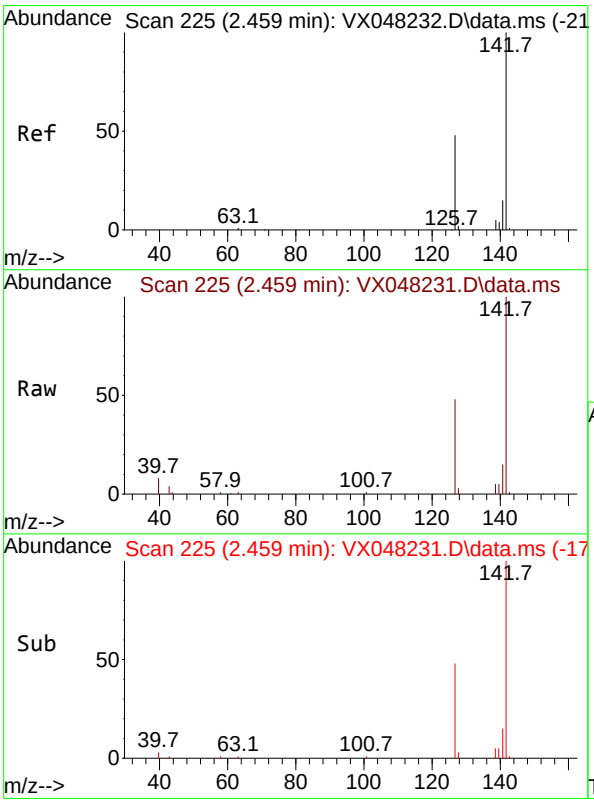
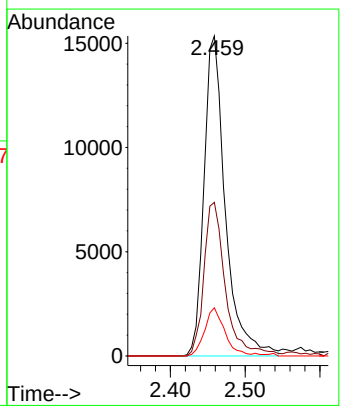


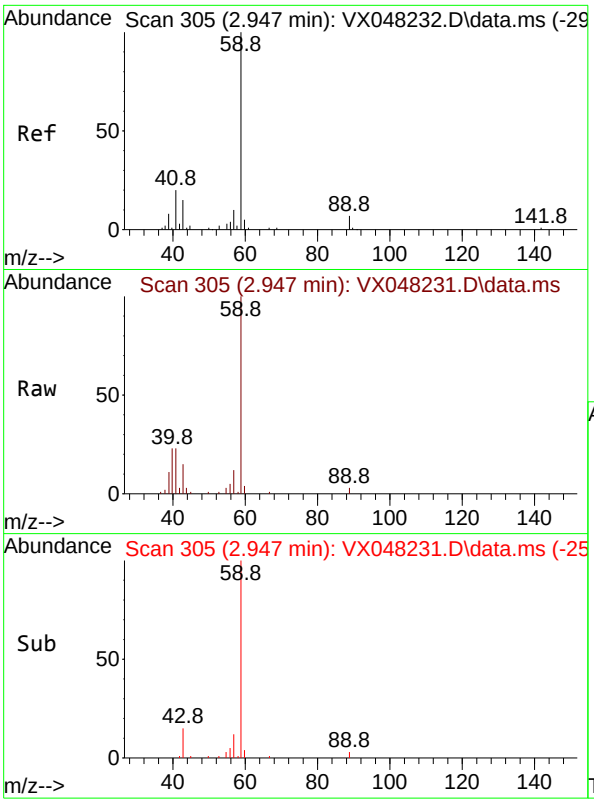


#10
Methyl Iodide
Concen: 17.934 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452

Ion	Ratio	Lower	Upper
142	100		
127	48.4	38.5	57.7
141	14.2	11.6	17.4

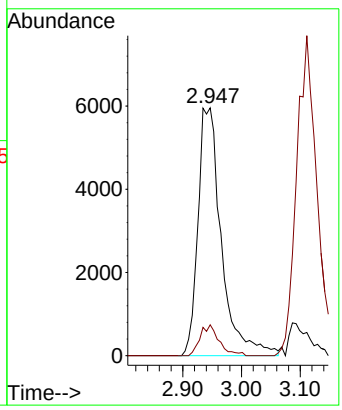




#11
Tert butyl alcohol
Concen: 134.353 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 59 Resp: 1652

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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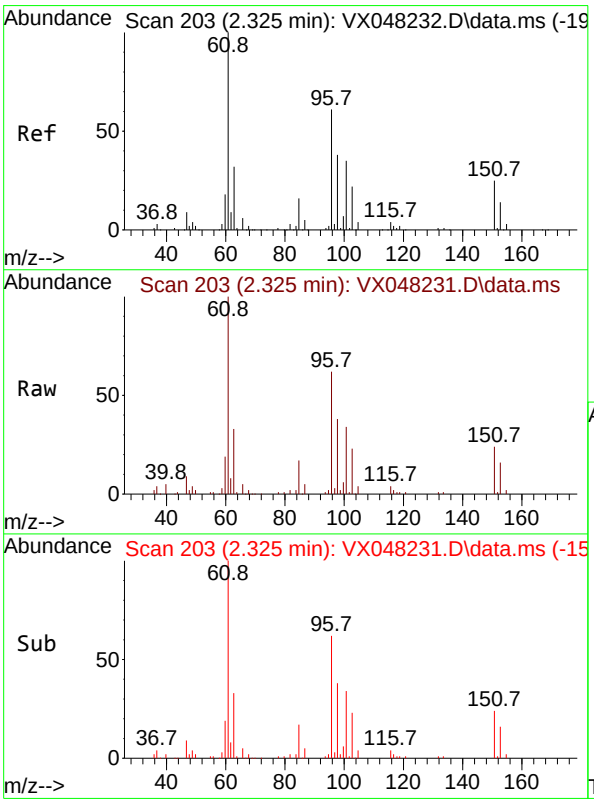
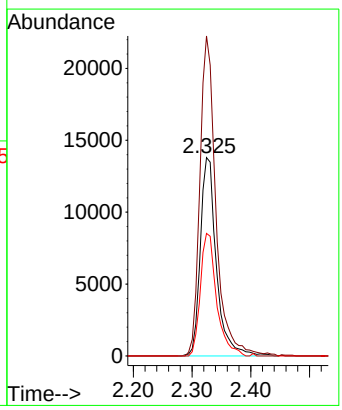
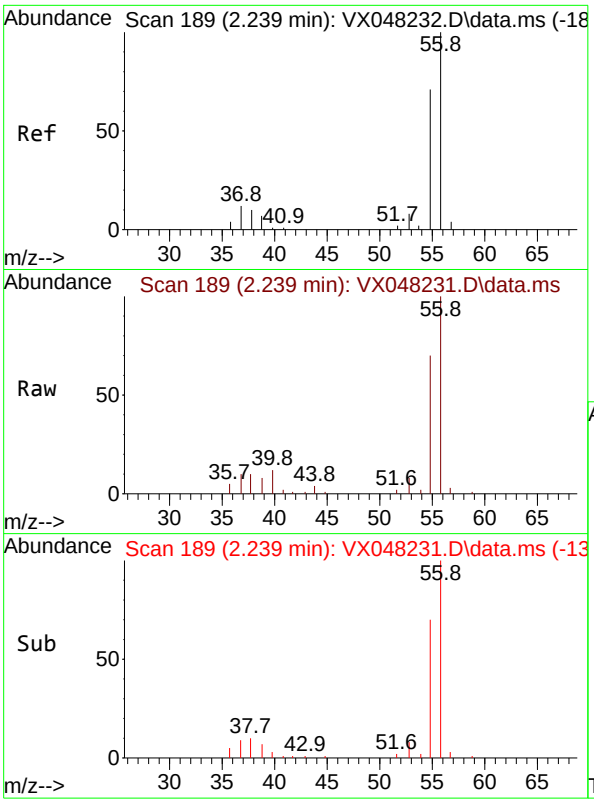


#12
1,1-Dichloroethene
Concen: 18.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 26209

Ion	Ratio	Lower	Upper
96	100		
61	161.3	139.0	208.6
98	61.7	52.4	78.6

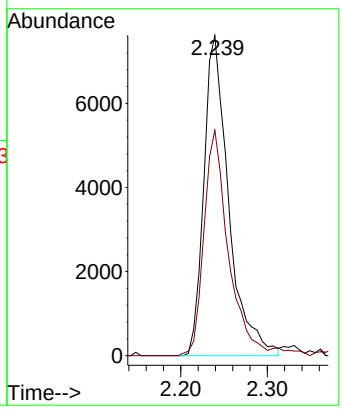




#13
Acrolein
Concen: 58.651 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 56 Resp: 1515

Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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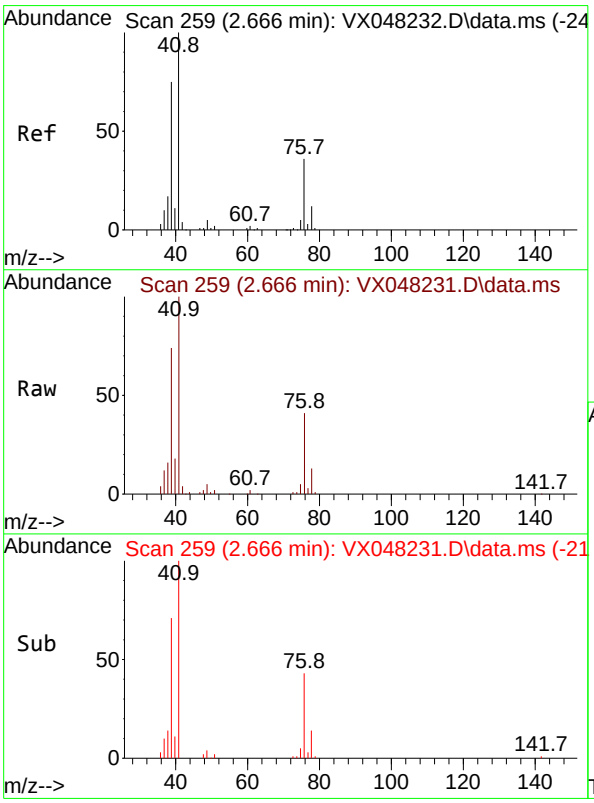
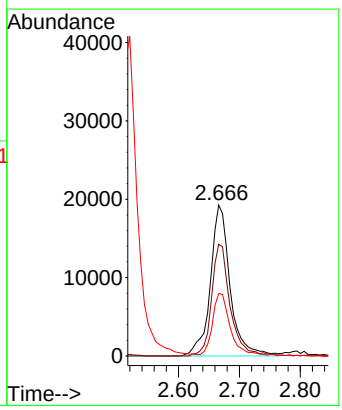
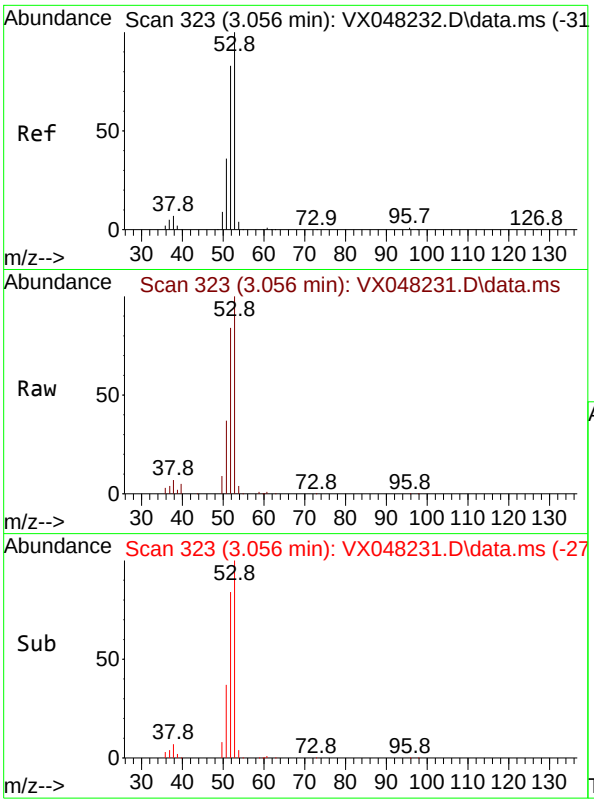


#14
Allyl chloride
Concen: 17.443 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 43494

Ion	Ratio	Lower	Upper
41	100		
39	69.2	56.0	84.0
76	36.0	27.5	41.3

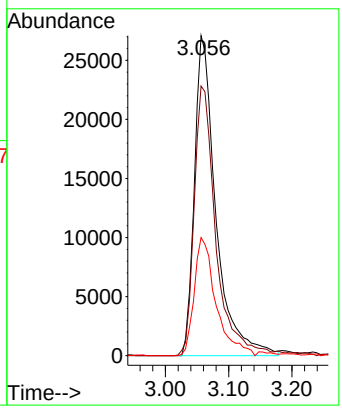




#15
Acrylonitrile
Concen: 108.499 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 53 Resp: 6393

Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.1	99.1
51	37.4	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 10/21/2025
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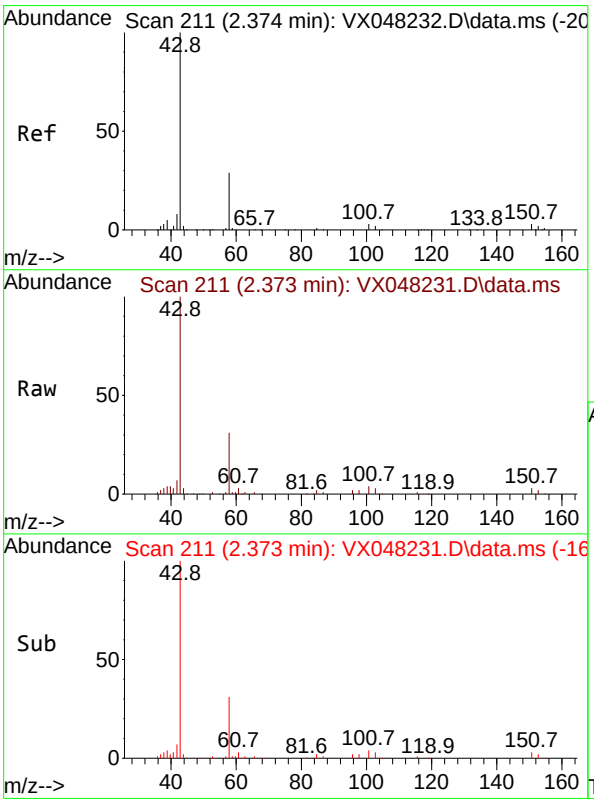
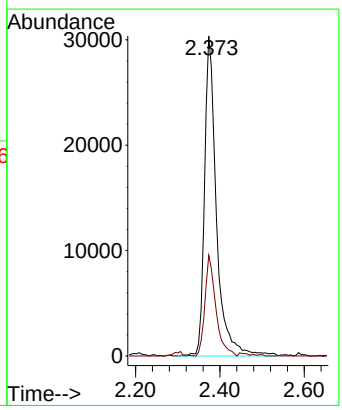
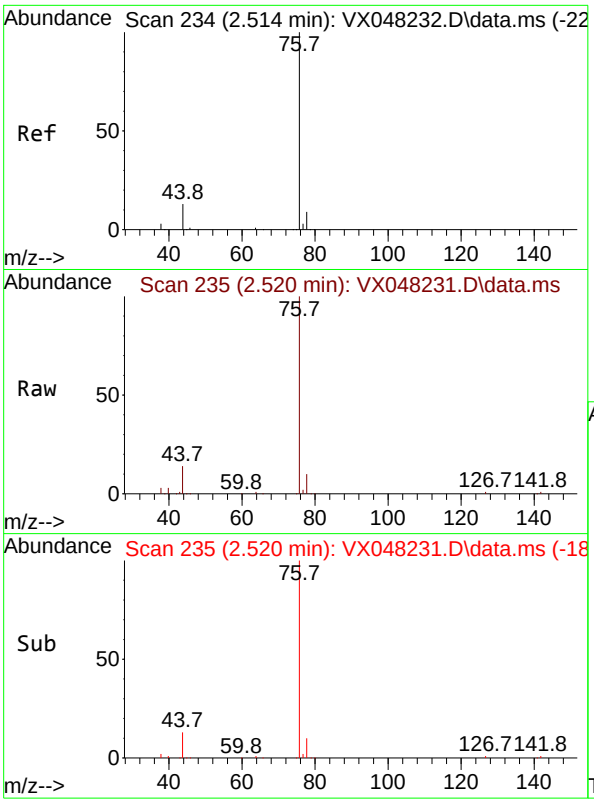


#16
Acetone
Concen: 94.723 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 59884

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.4	35.2

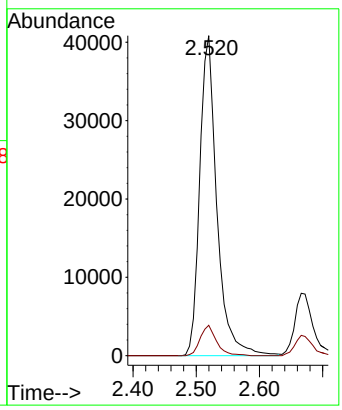




#17
Carbon Disulfide
Concen: 18.087 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 76 Resp: 7714

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 10/21/2025
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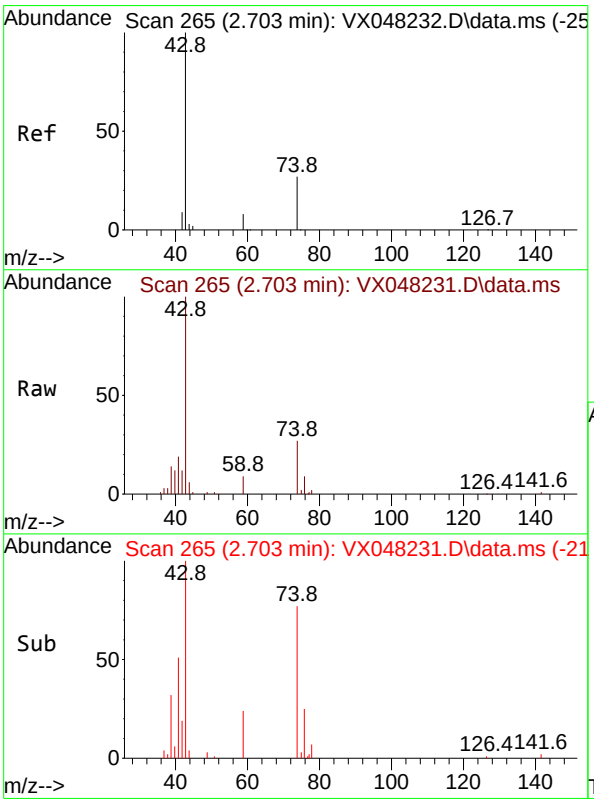
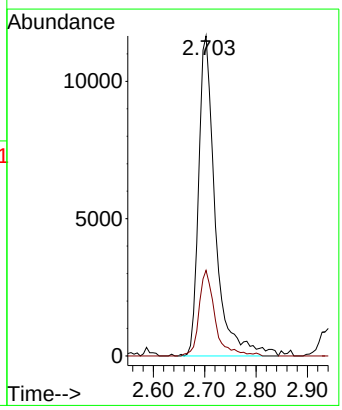
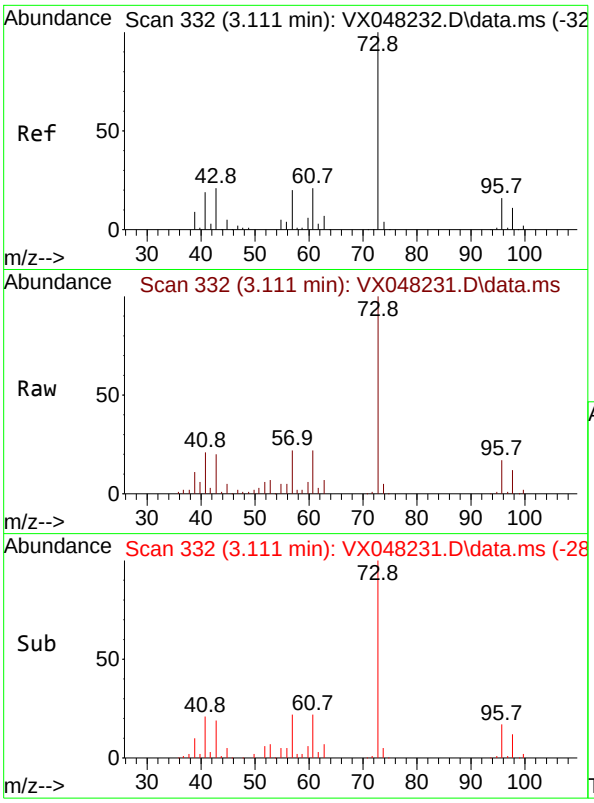


#18
Methyl Acetate
Concen: 20.482 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 26374

Ion	Ratio	Lower	Upper
43	100		
74	25.7	17.5	26.3

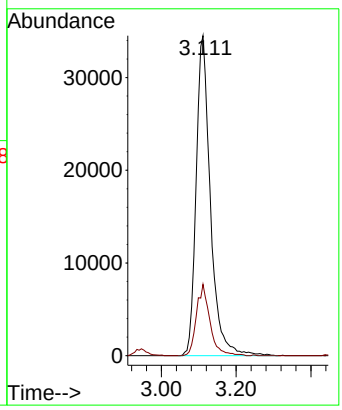




#19
Methyl tert-butyl Ether
Concen: 21.877 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 73 Resp: 9134

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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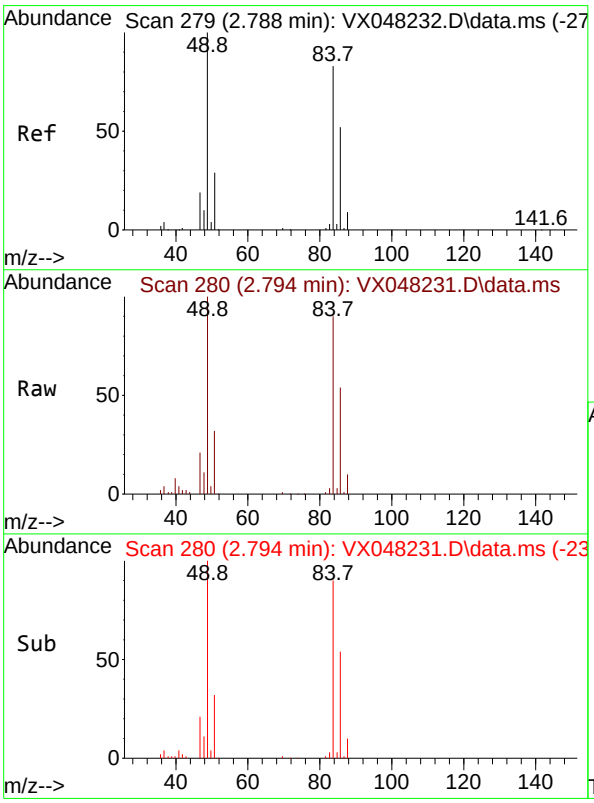
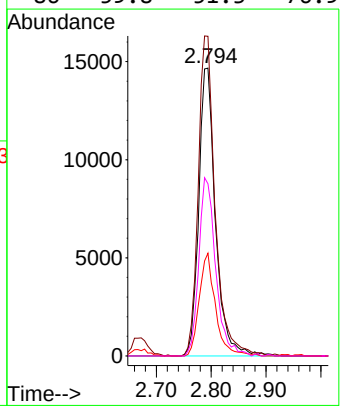
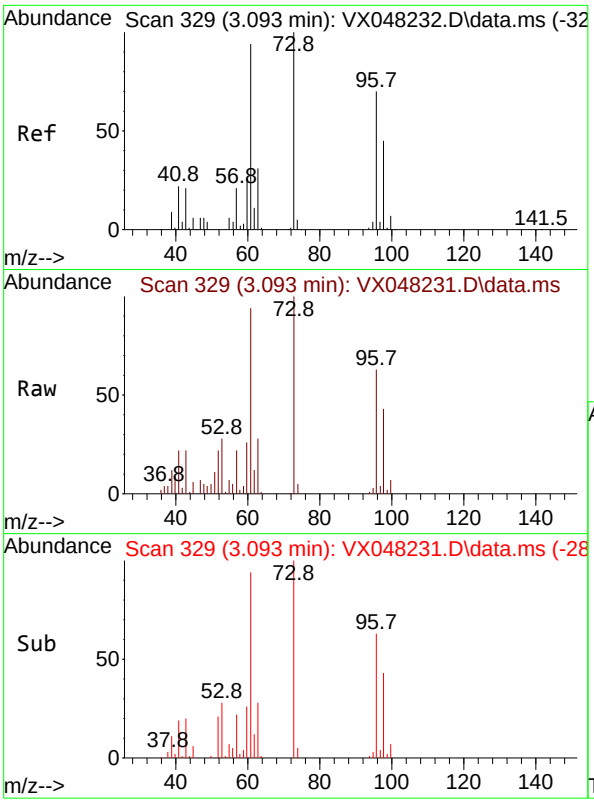


#20
Methylene Chloride
Concen: 20.231 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157

Ion	Ratio	Lower	Upper
84	100		
49	111.1	104.1	156.1
51	35.7	31.3	46.9
86	59.8	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 2800

Ion	Ratio	Lower	Upper
96	100		
61	148.5	111.9	167.9
98	67.5	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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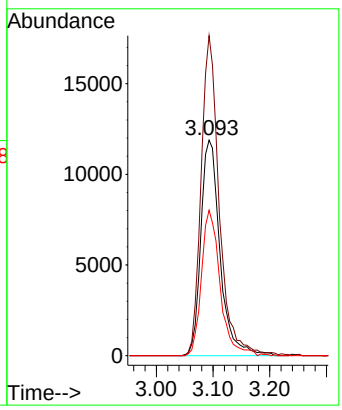
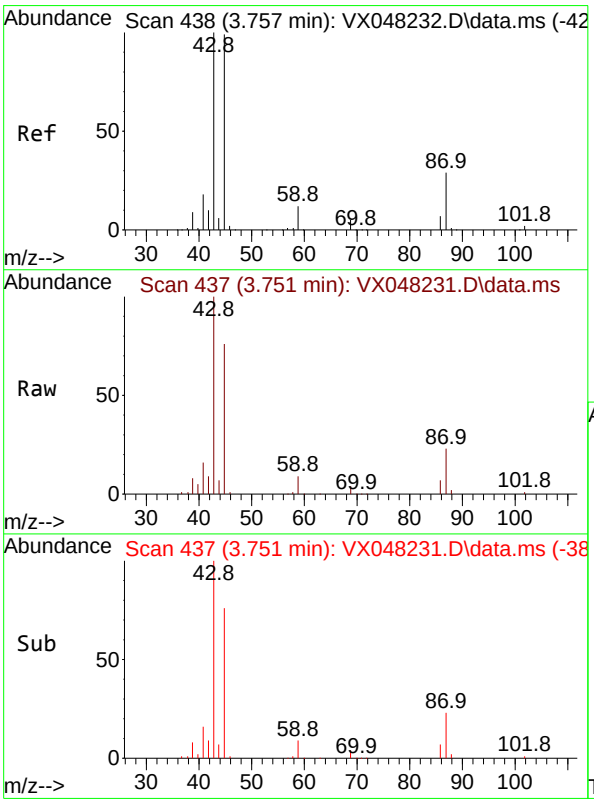
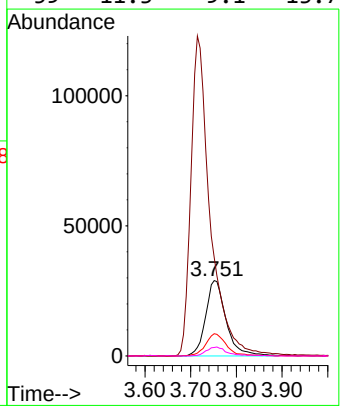


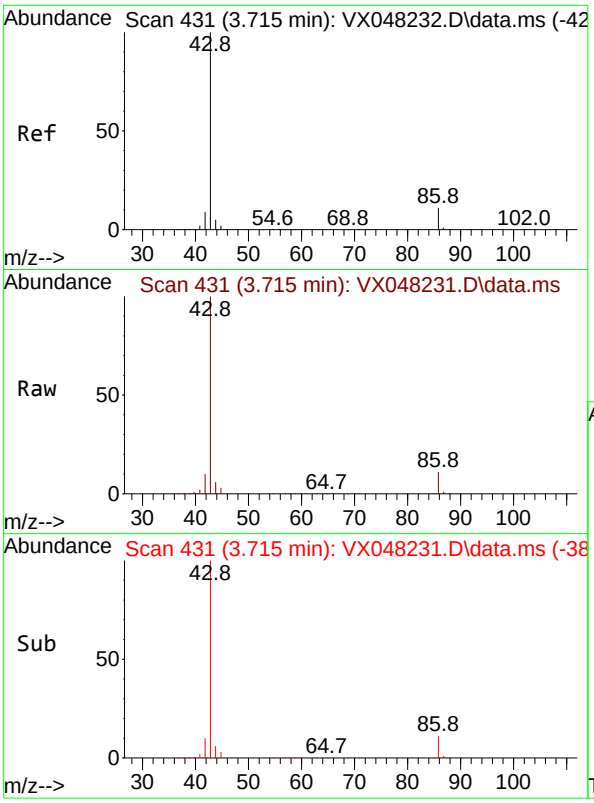


#22
Diisopropyl ether
Concen: 18.439 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030

Ion	Ratio	Lower	Upper
45	100		
43	129.3	89.8	134.8
87	29.6	20.6	31.0
59	11.3	9.1	13.7





#23
Vinyl Acetate
Concen: 99.706 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 364009

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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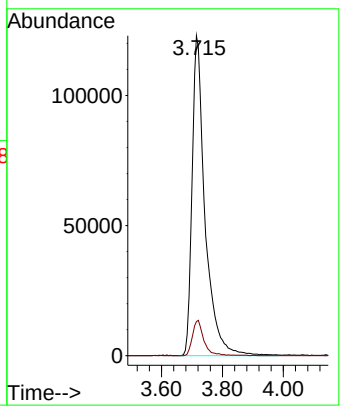
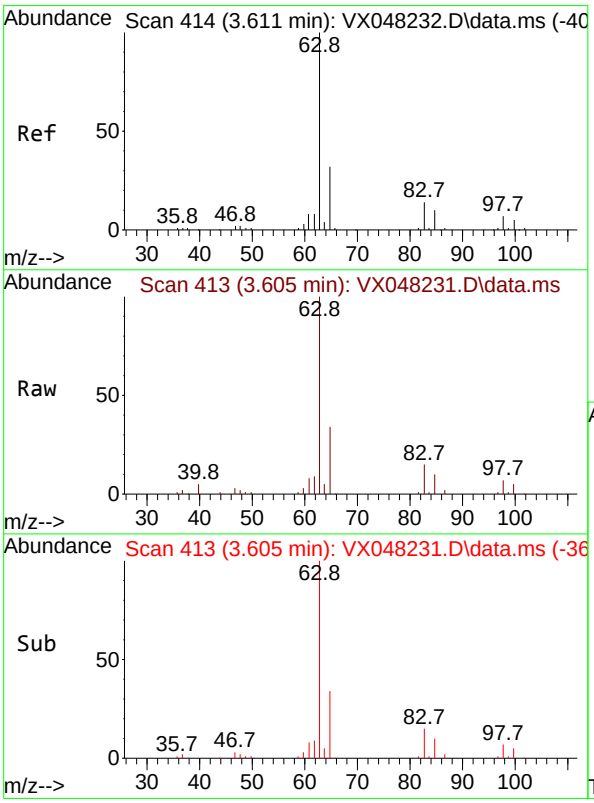
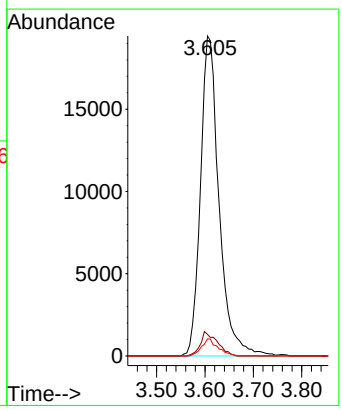


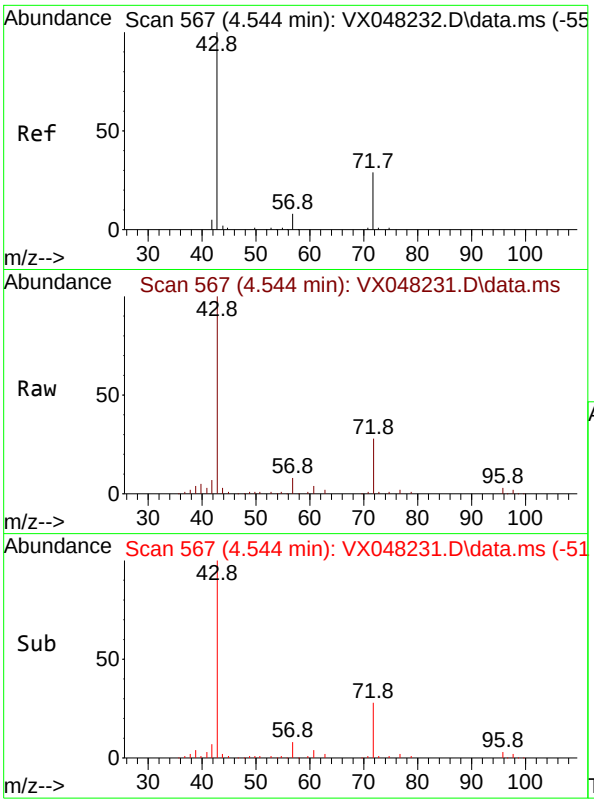


#24
1,1-Dichloroethane
Concen: 18.746 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	5.4	2.1	6.3





#25
2-Butanone
Concen: 106.774 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 7864

Ion	Ratio	Lower	Upper
43	100		
72	27.6	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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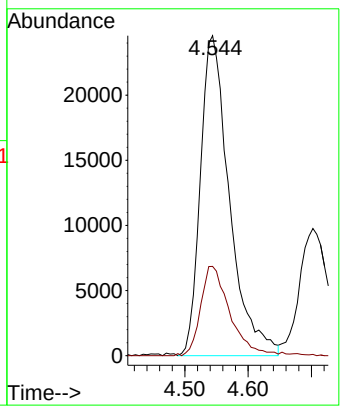
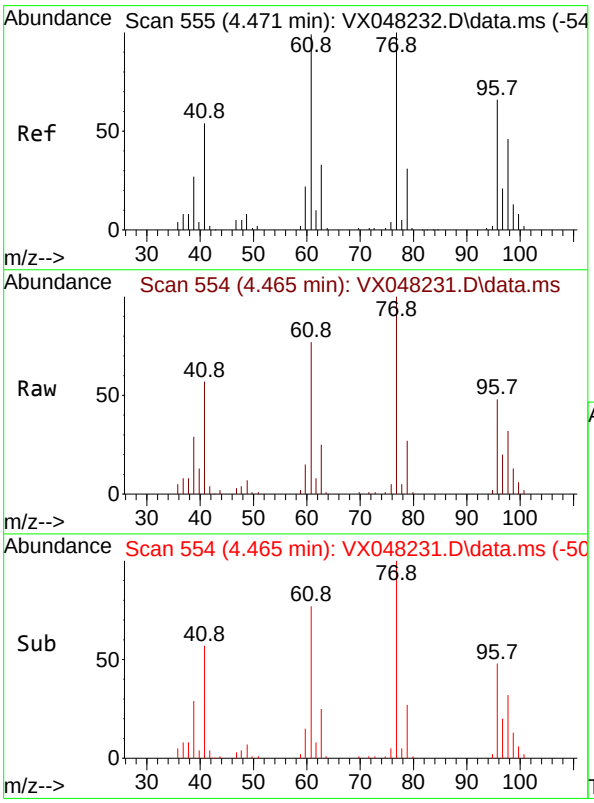
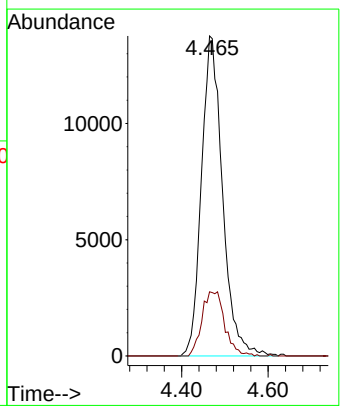


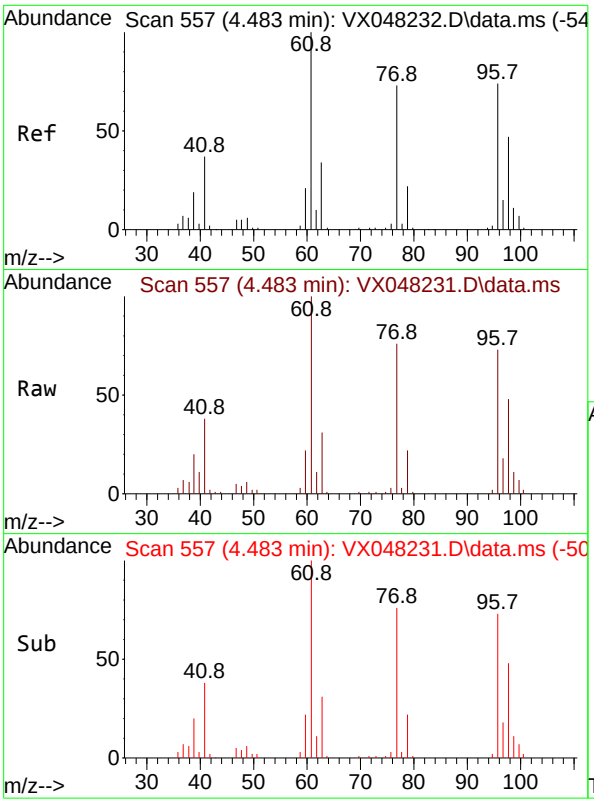


#26
2,2-Dichloropropane
Concen: 19.669 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 77 Resp: 46568

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 19.688 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 3350

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	294.2
98	64.3	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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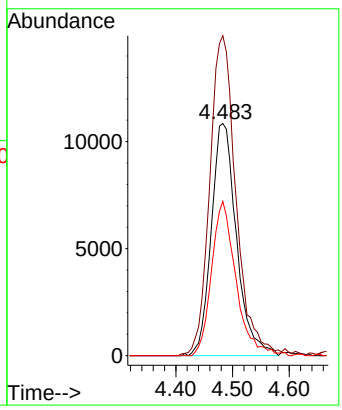
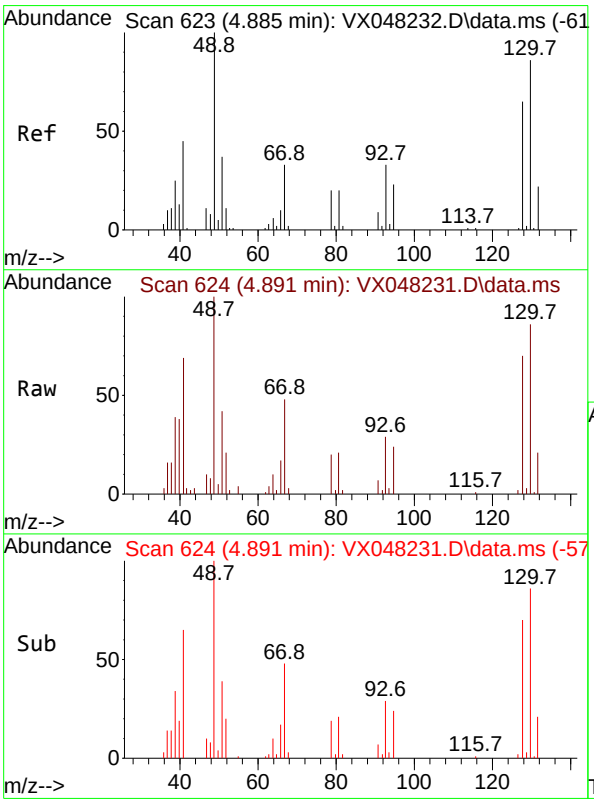
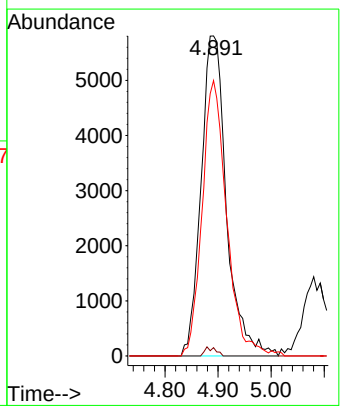


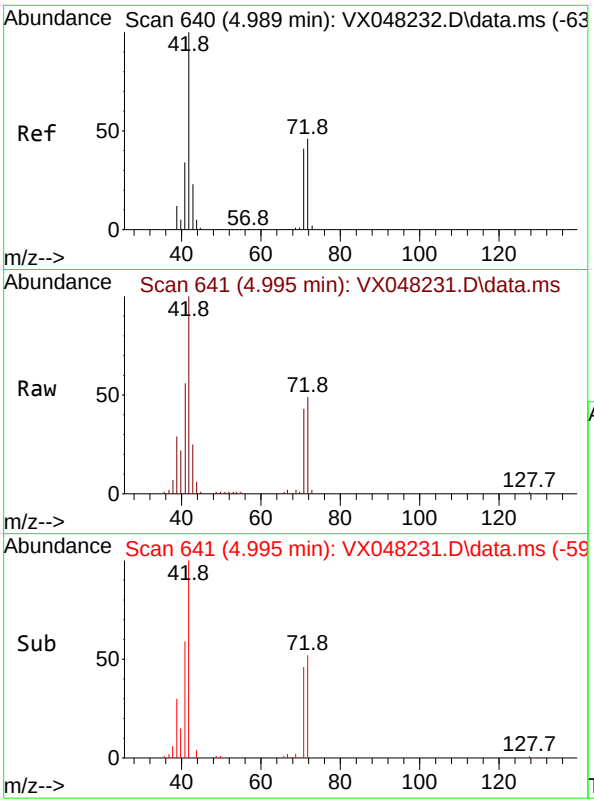


#28
Bromochloromethane
Concen: 15.146 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 49 Resp: 19339

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	82.7	59.3	88.9





#29
Tetrahydrofuran
Concen: 109.718 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 42 Resp: 4745

Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	43.2	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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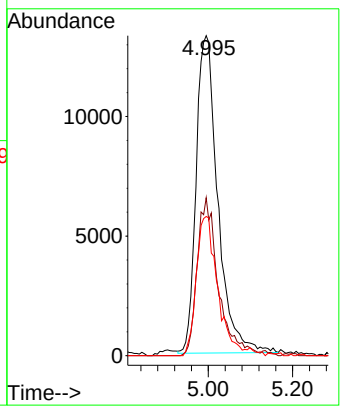
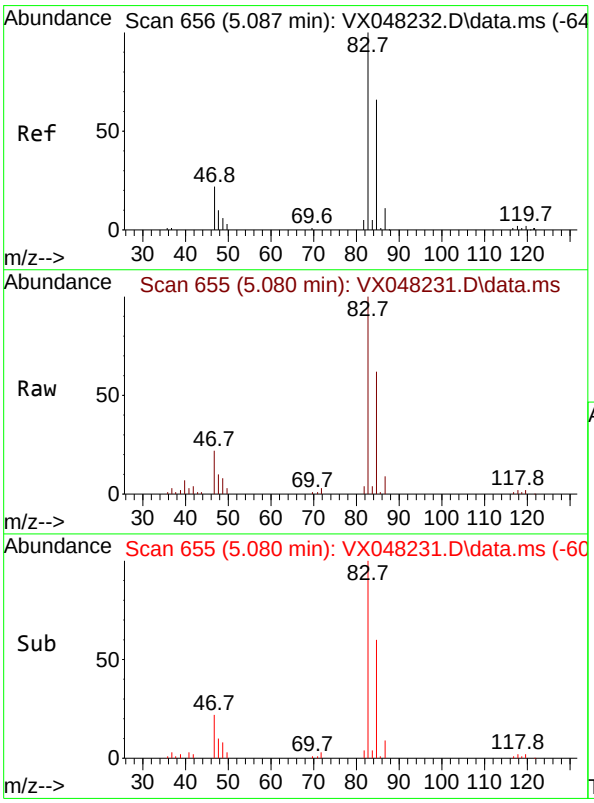
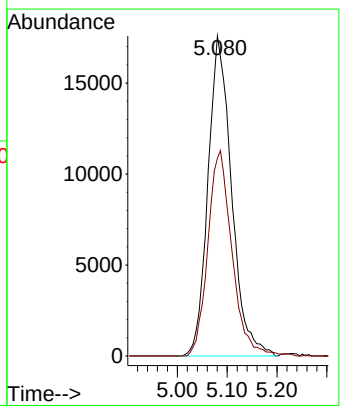


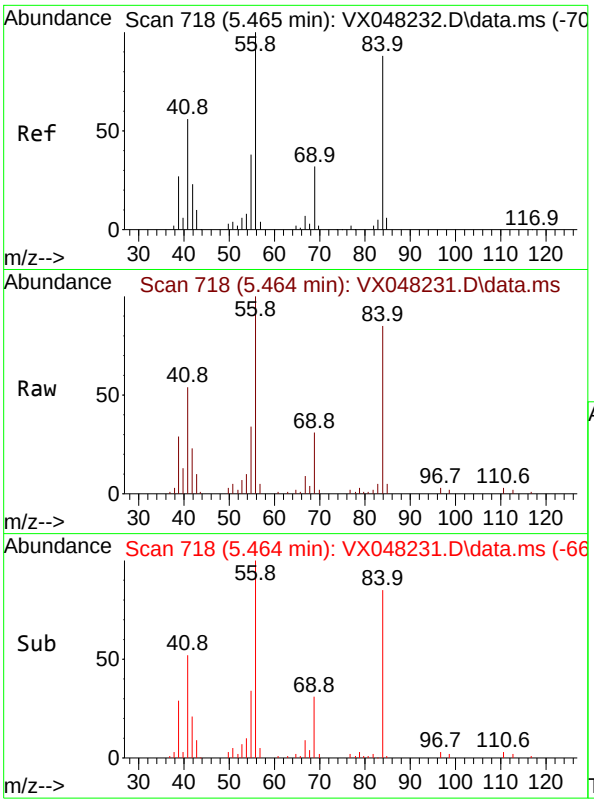


#30
Chloroform
Concen: 19.813 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 57780

Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1





#31
Cyclohexane
Concen: 18.882 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 56 Resp: 4279

Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.6
84	85.5	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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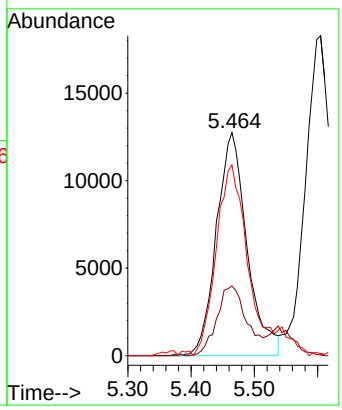
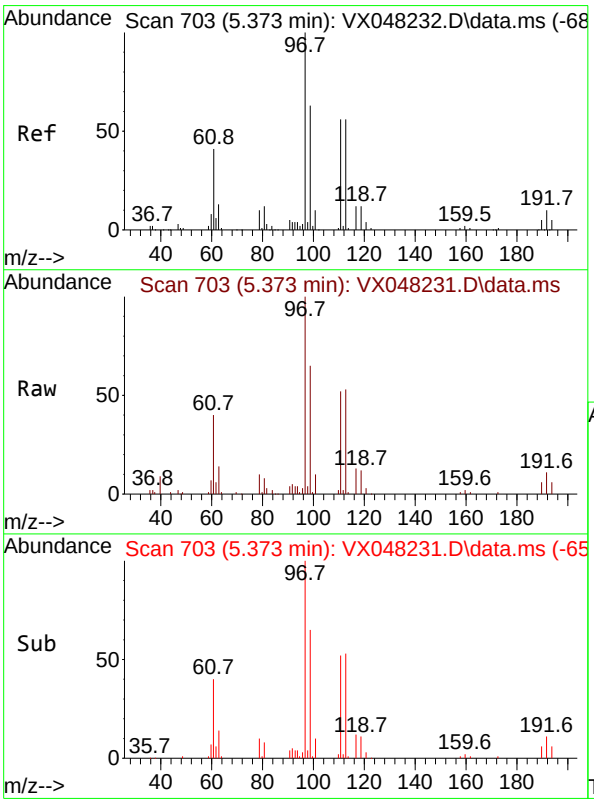
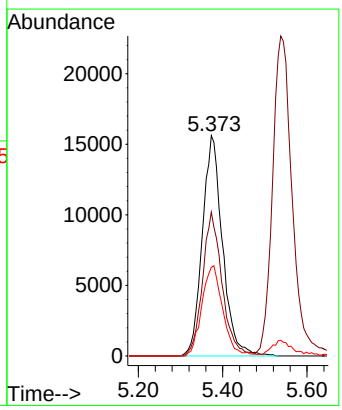


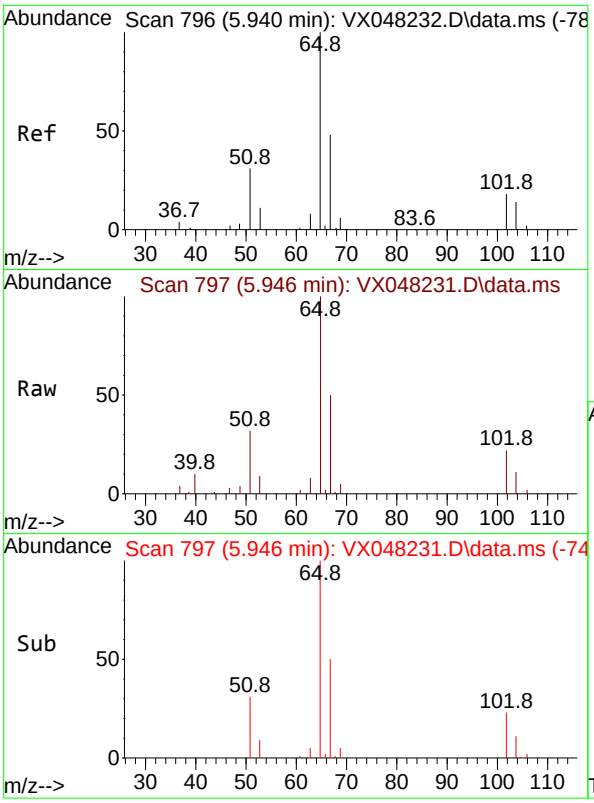


#32
1,1,1-Trichloroethane
Concen: 21.672 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 51929

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	42.4	34.8	52.2

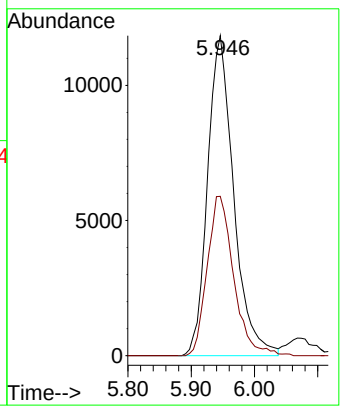




#33
1,2-Dichloroethane-d4
Concen: 18.312 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 65 Resp: 3393

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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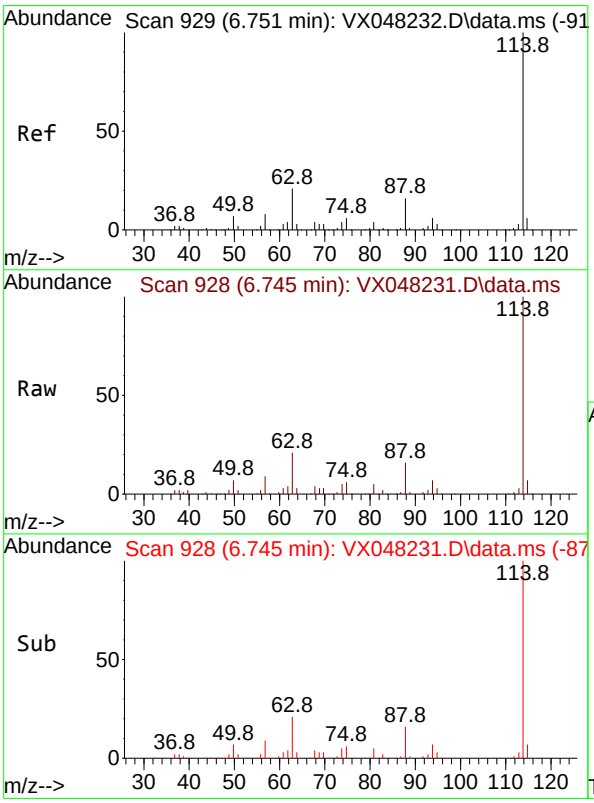
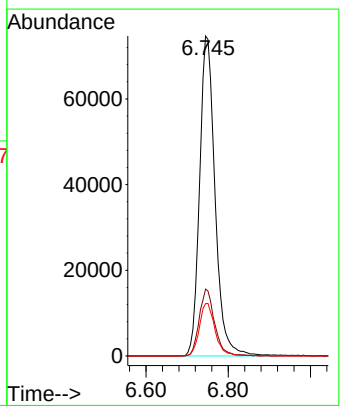
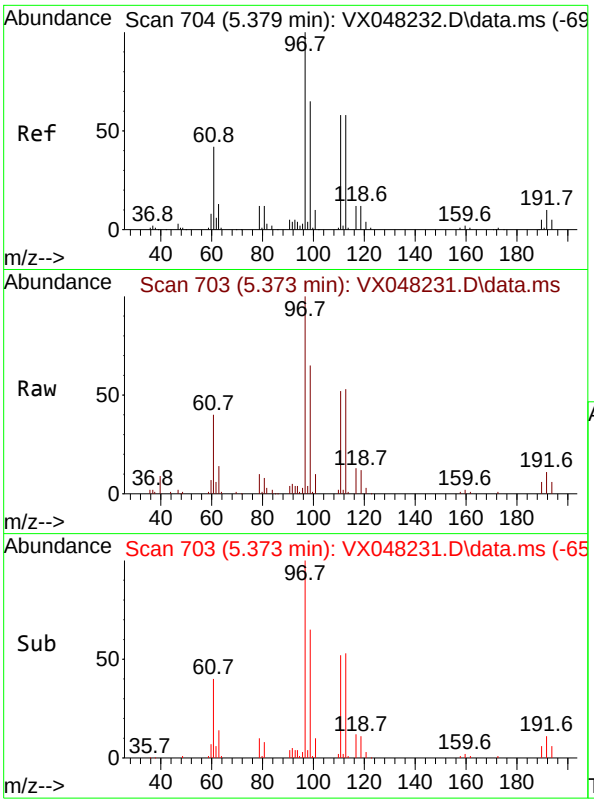


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:114 Resp: 195028

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.4	0.0	33.6

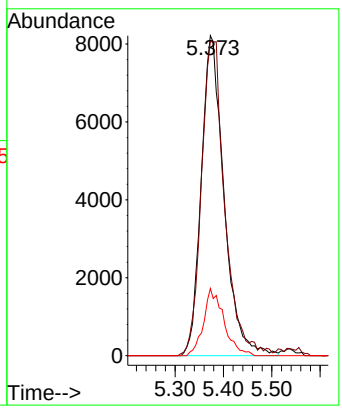




#35
Dibromofluoromethane
Concen: 19.872 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:113 Resp: 2689

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	18.8	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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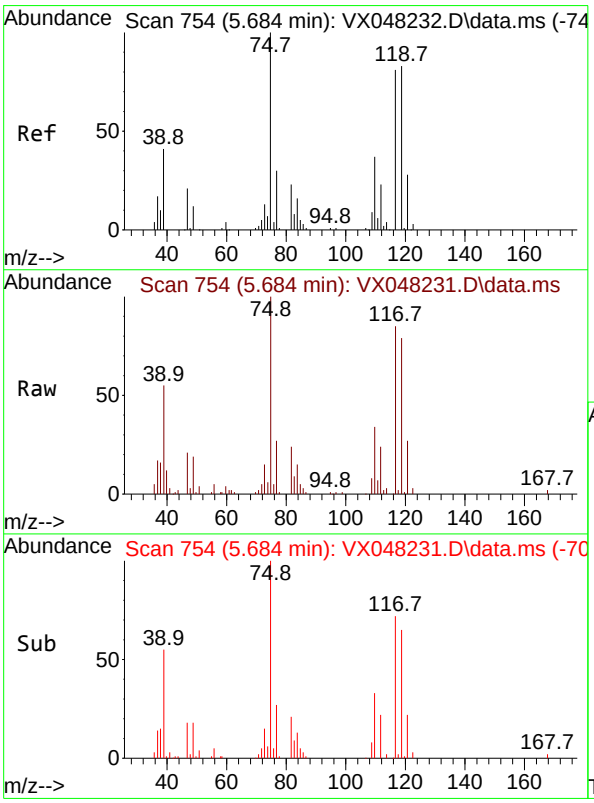
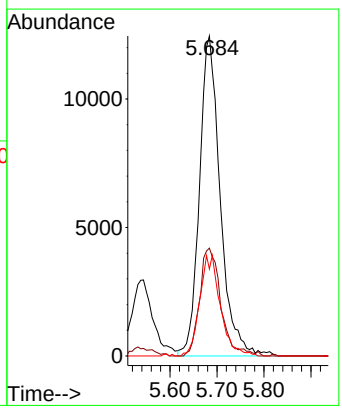
Supervised By :Semsettin Yesilyurt 10/21/2025

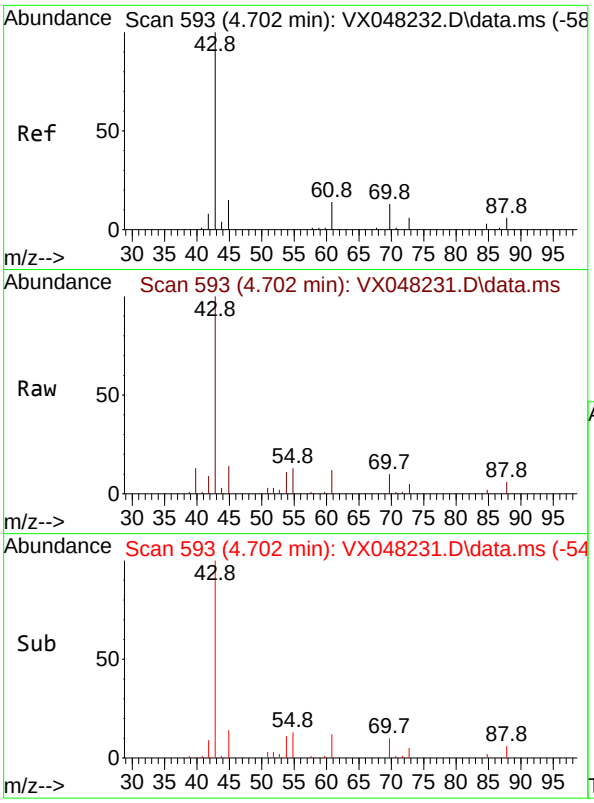


#36
1,1-Dichloropropene
Concen: 20.071 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 38270

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.7	53.1
77	31.1	24.3	36.5

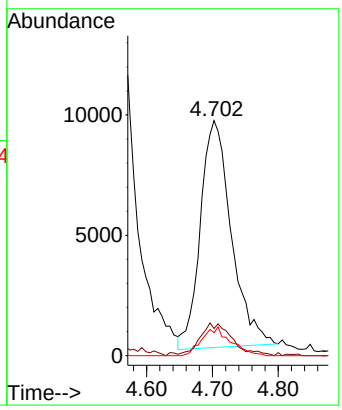




#37
Ethyl Acetate
Concen: 20.280 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 3090

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	15.8
70	11.7	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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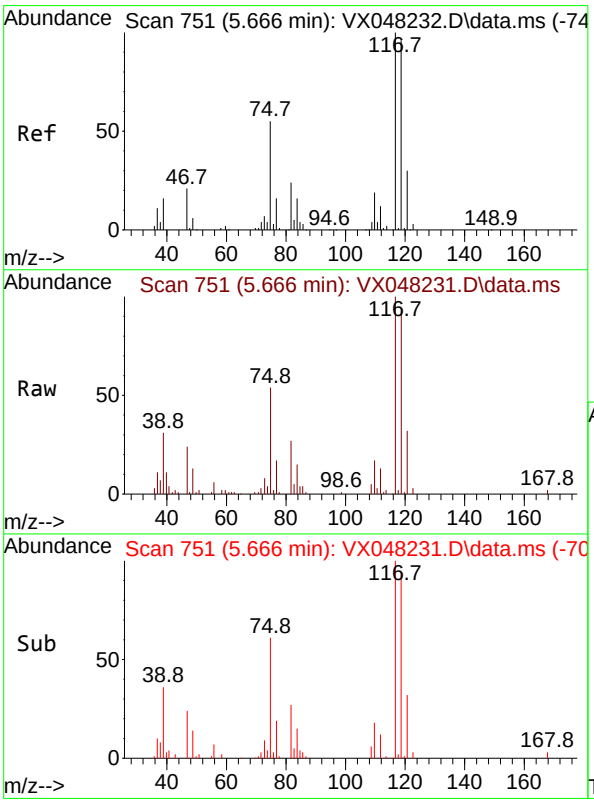
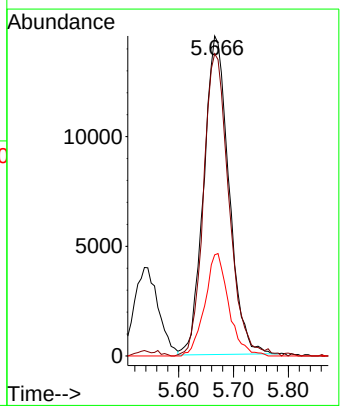
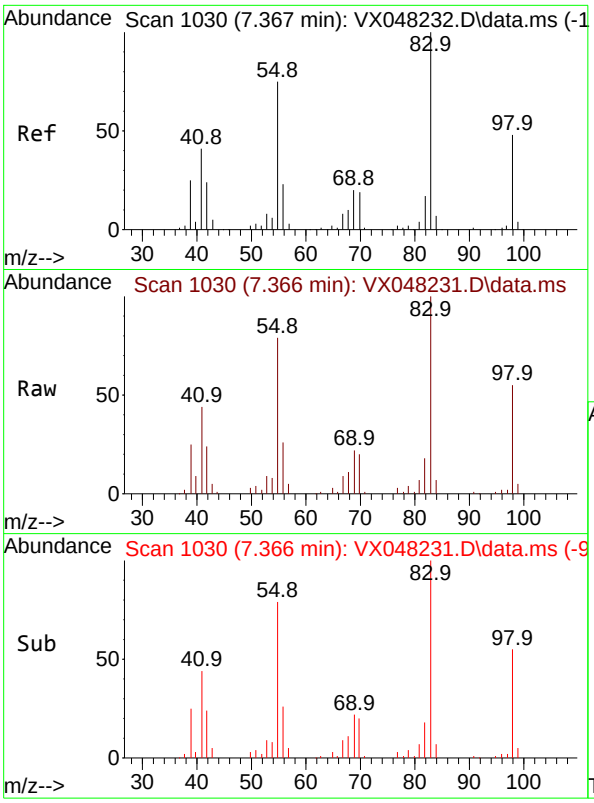


#38
Carbon Tetrachloride
Concen: 21.166 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 46323

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	31.8	24.8	37.2

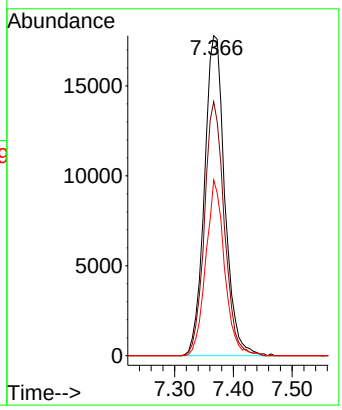




#39
Methylcyclohexane
Concen: 19.897 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 4277

Ion	Ratio	Lower	Upper
83	100		
55	79.4	66.2	99.2
98	54.9	38.9	58.3



Instrument :
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ClientSampleId :
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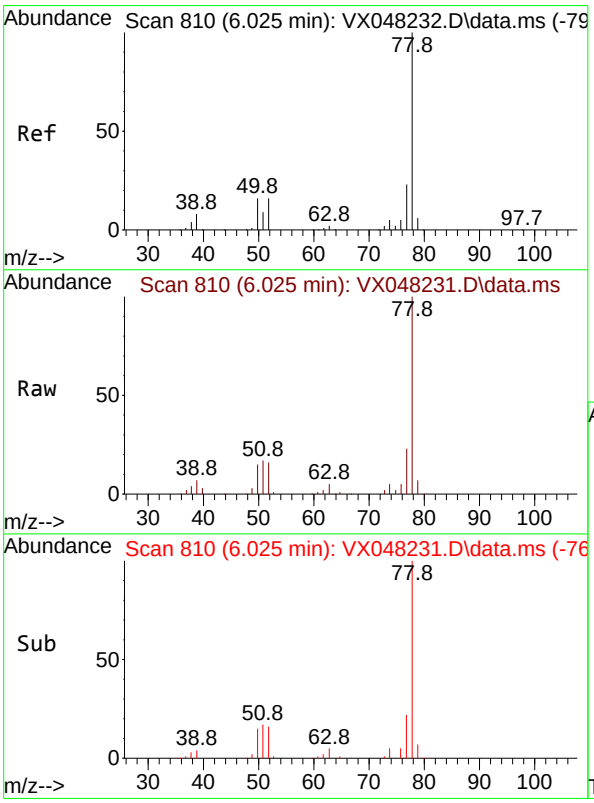
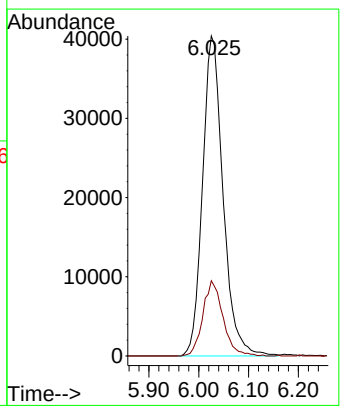
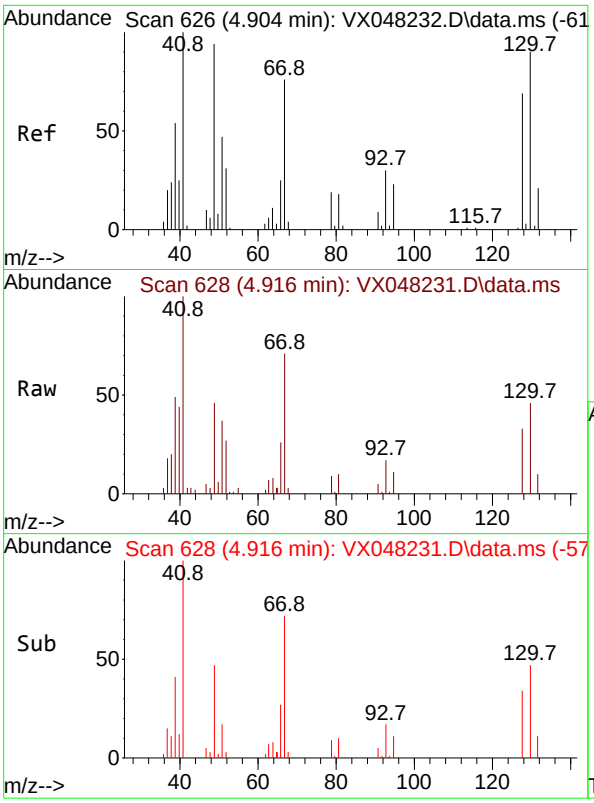


#40
Benzene
Concen: 20.398 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 78 Resp: 115488

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

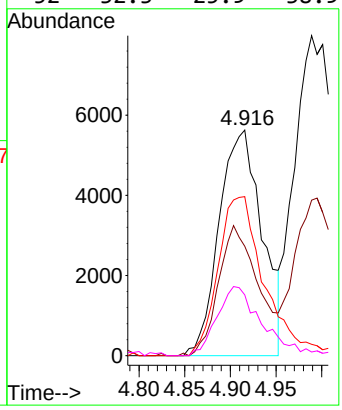




#41
Methacrylonitrile
Concen: 22.621 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 1846

Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.0	66.0
67	76.9	58.7	88.1
52	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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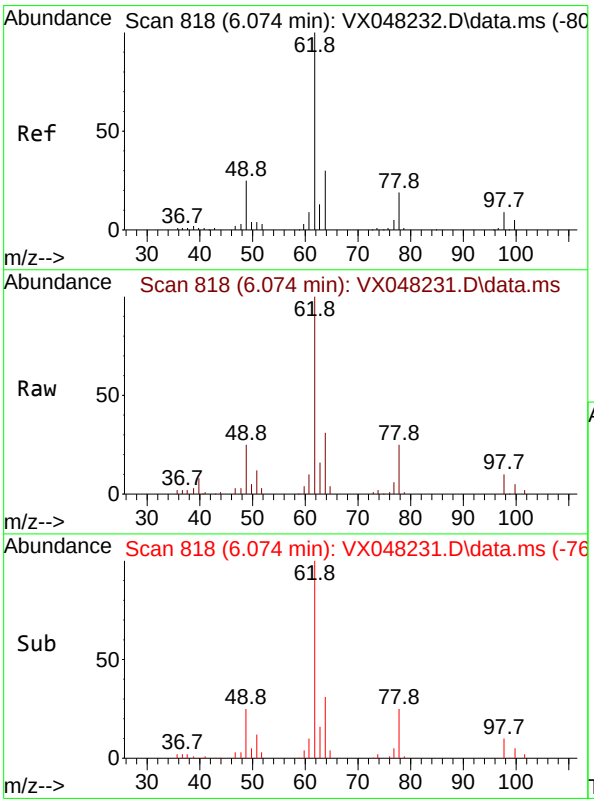
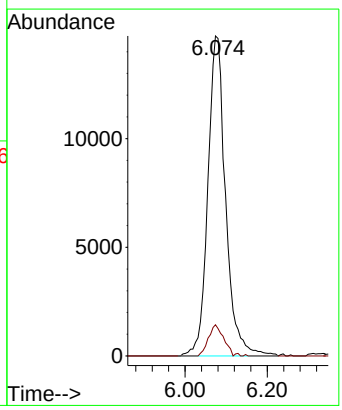
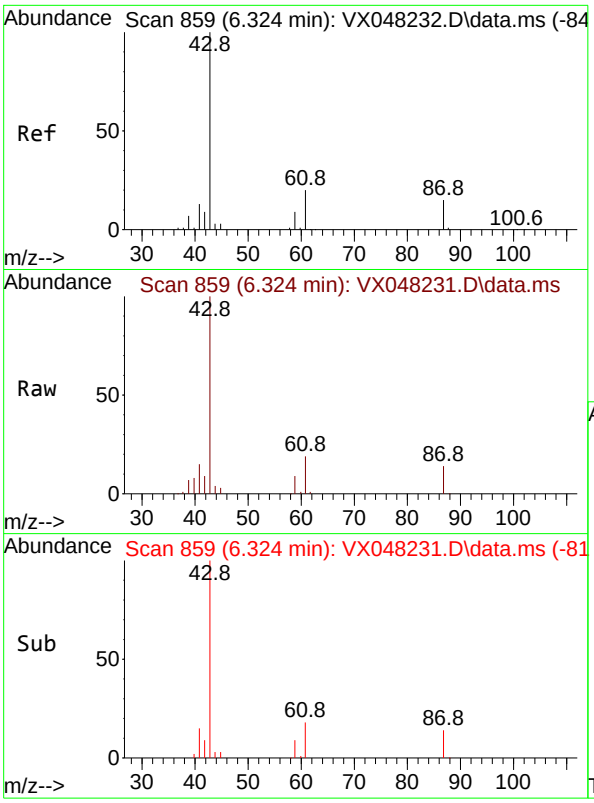


#42
1,2-Dichloroethane
Concen: 21.778 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2

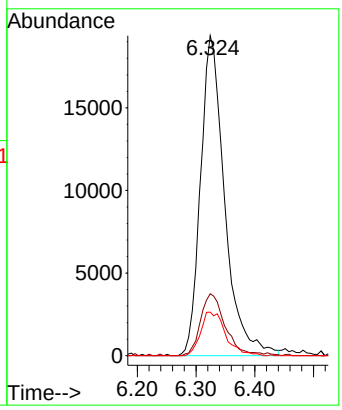




#43
Isopropyl Acetate
Concen: 21.625 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 5531

Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.9	22.3
87	14.1	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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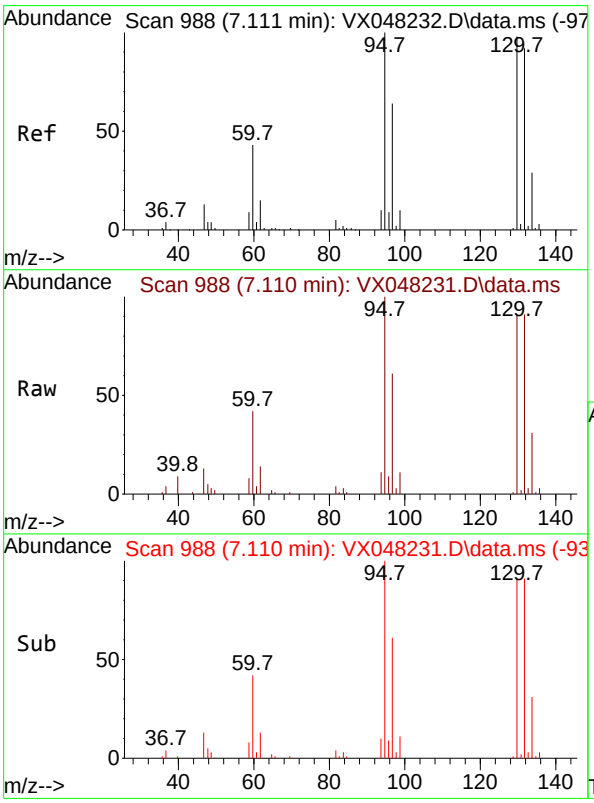
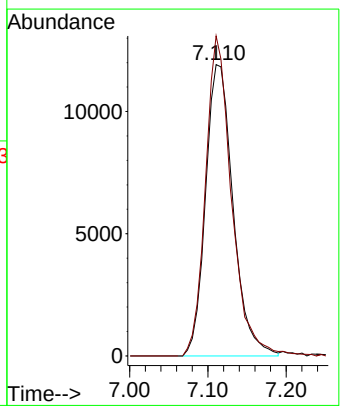
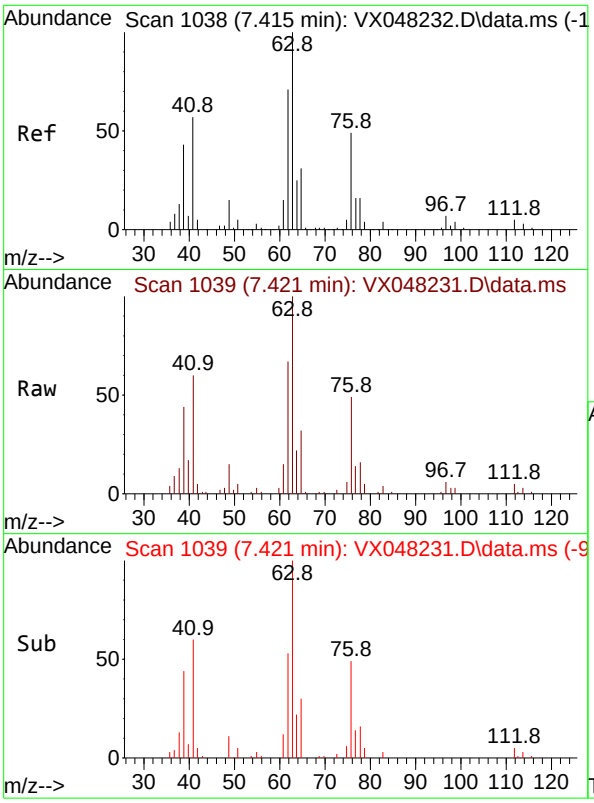


#44
Trichloroethene
Concen: 20.399 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:130 Resp: 29108

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	200.6

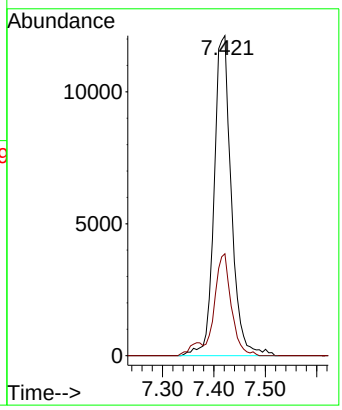




#45
1,2-Dichloropropane
Concen: 19.709 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 2824

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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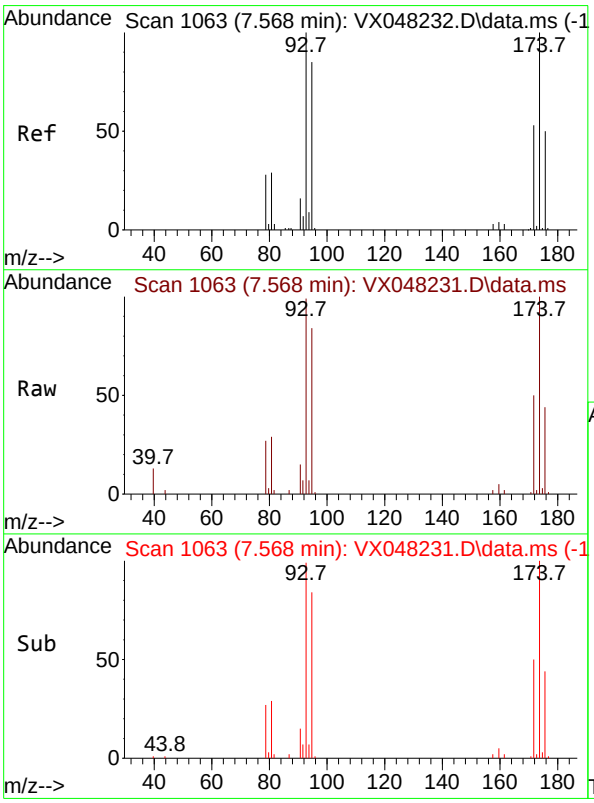
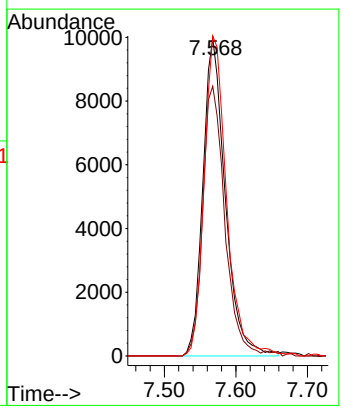
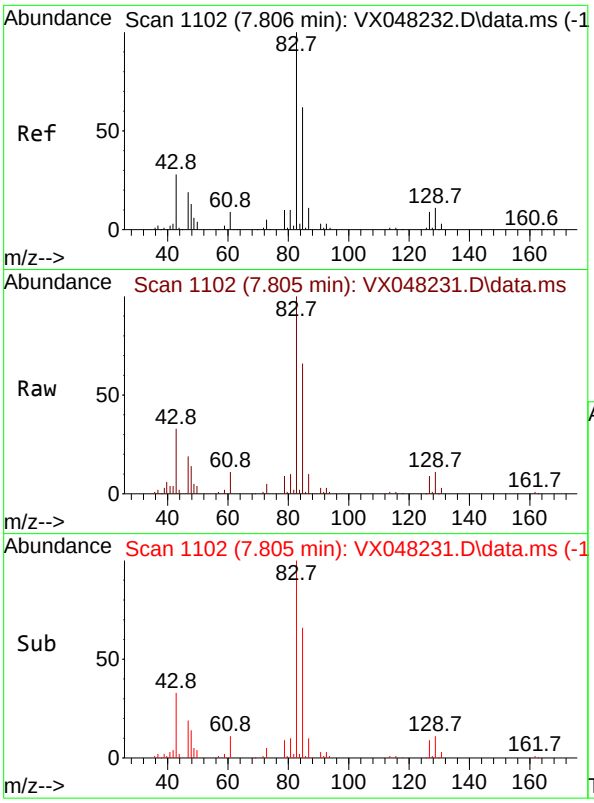


#46
Dibromomethane
Concen: 20.955 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 93 Resp: 21605

Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.9	98.9
174	101.4	71.7	107.5

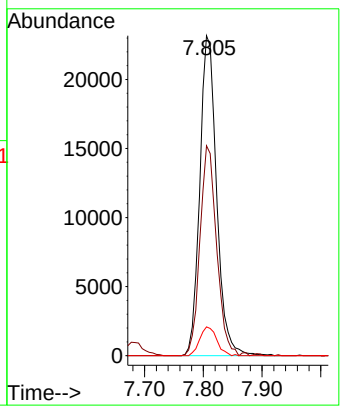




#47
Bromodichloromethane
Concen: 20.743 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 4622

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4
127	9.0	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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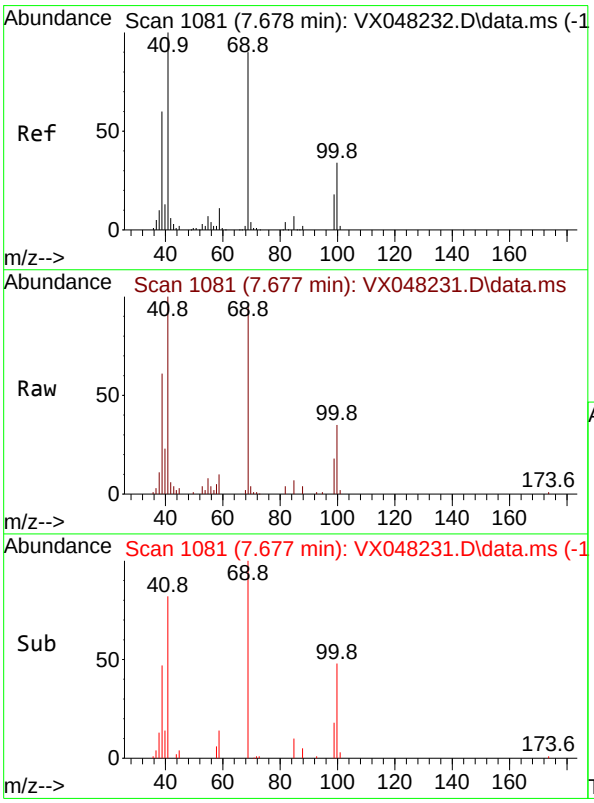
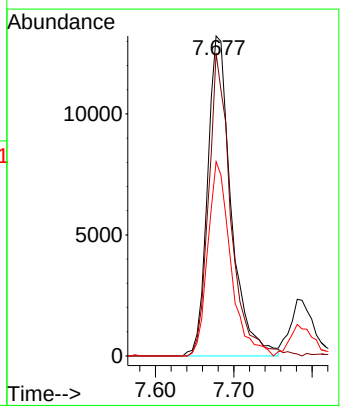
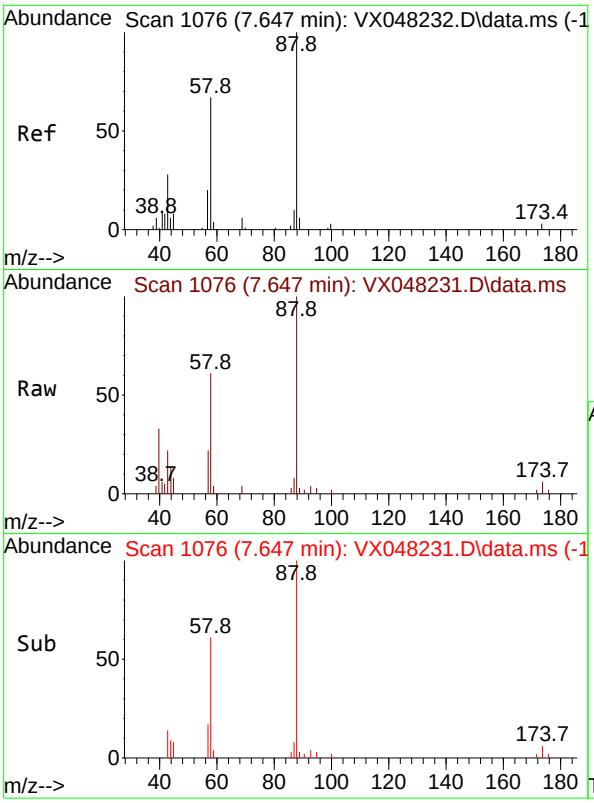


#48
Methyl methacrylate
Concen: 21.193 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 27751

Ion	Ratio	Lower	Upper
41	100		
69	88.6	63.4	95.0
39	58.7	47.1	70.7

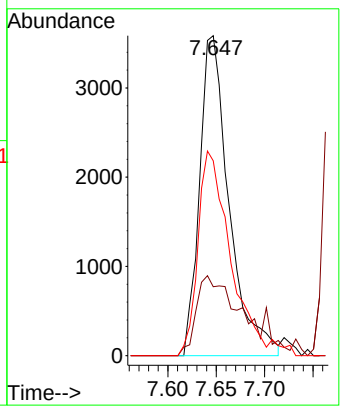




#49
1,4-Dioxane
Concen: 646.470 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 88 Resp: 762

Ion	Ratio	Lower	Upper
88	100		
43	35.0	35.0	52.4
58	71.5	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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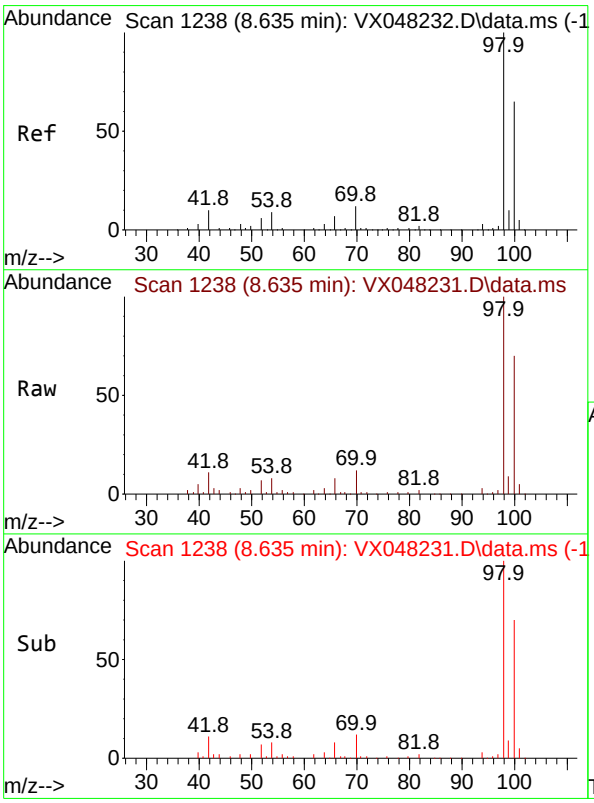
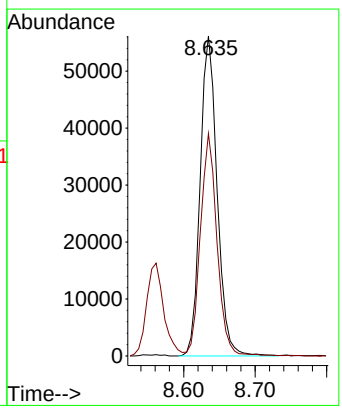
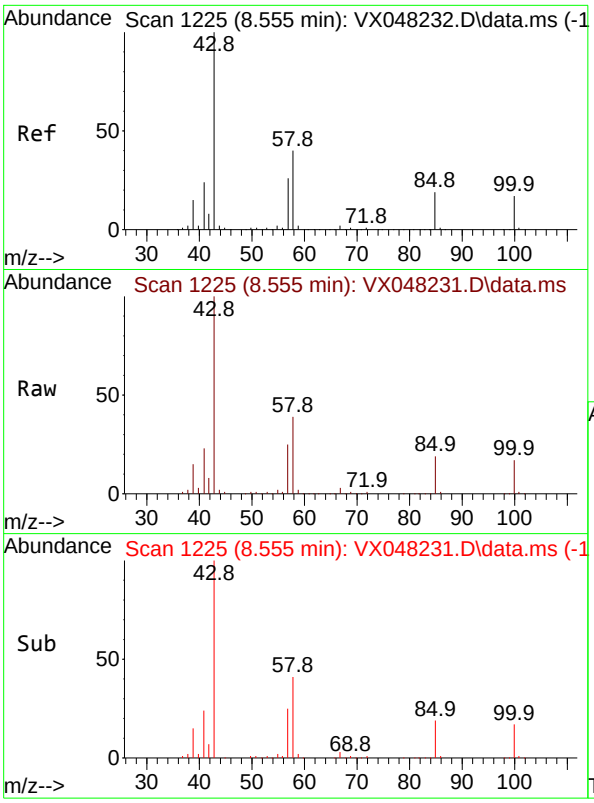


#50
Toluene-d8
Concen: 18.965 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 98 Resp: 92476

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 115.713 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 16470

Ion	Ratio	Lower	Upper
43	100		
58	40.3	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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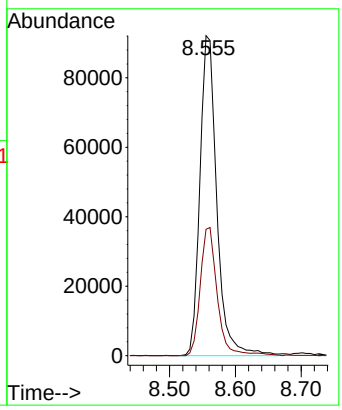
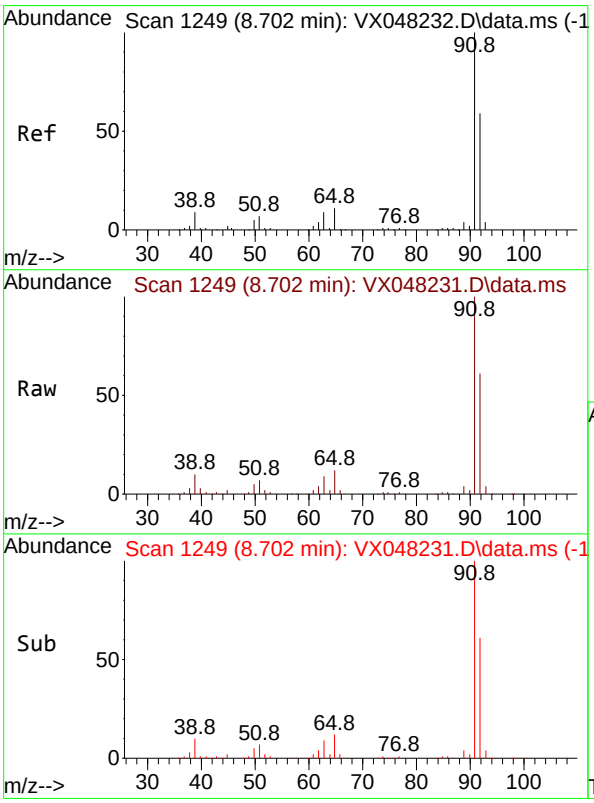
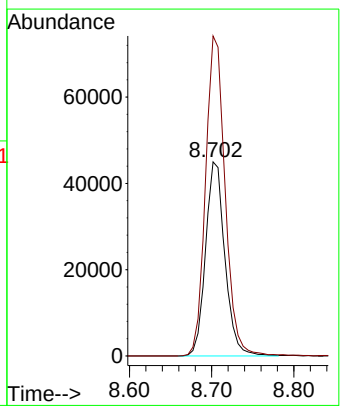


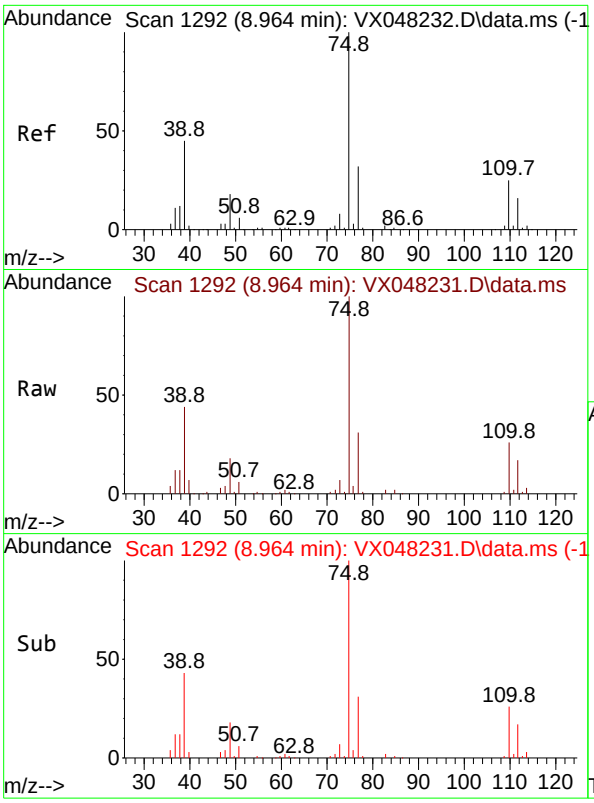


#52
Toluene
Concen: 21.635 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 92 Resp: 73623

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.1	204.1

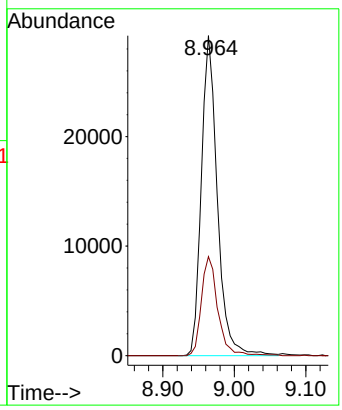




#53
t-1,3-Dichloropropene
Concen: 21.756 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 4541

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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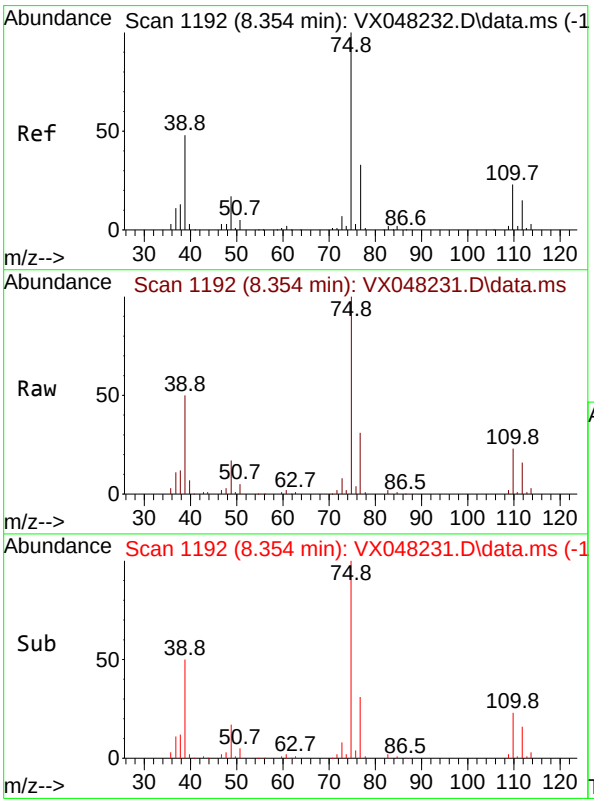
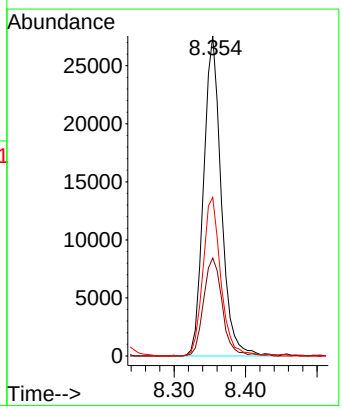
Supervised By :Semsettin Yesilyurt 10/21/2025

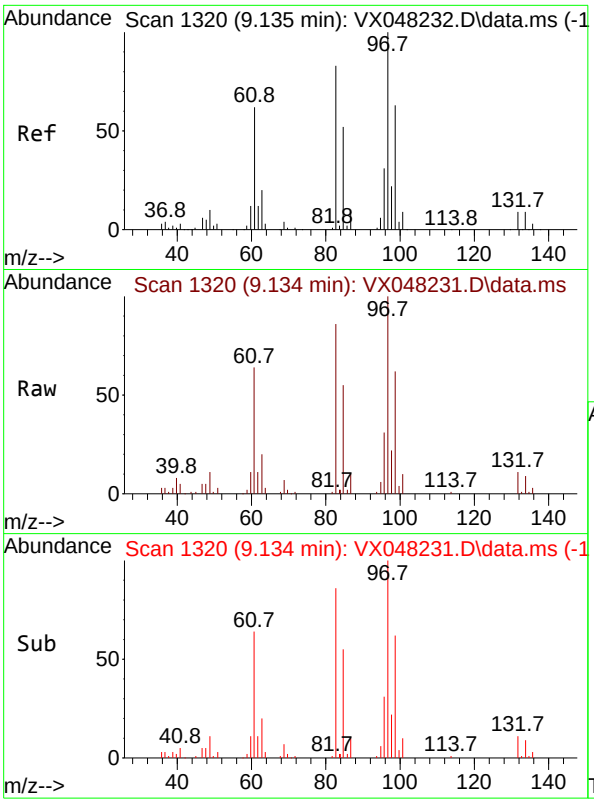


#54
cis-1,3-Dichloropropene
Concen: 20.713 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 47130

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.9	37.3
39	49.5	42.6	64.0

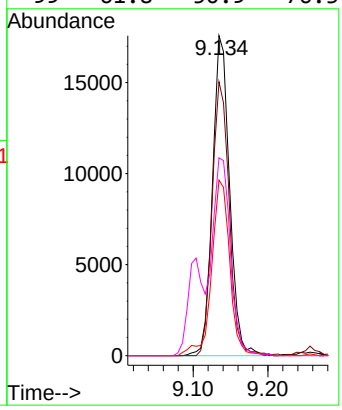




#55
1,1,2-Trichloroethane
Concen: 21.961 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 2788

Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.6	105.8
85	54.9	45.0	67.6
99	61.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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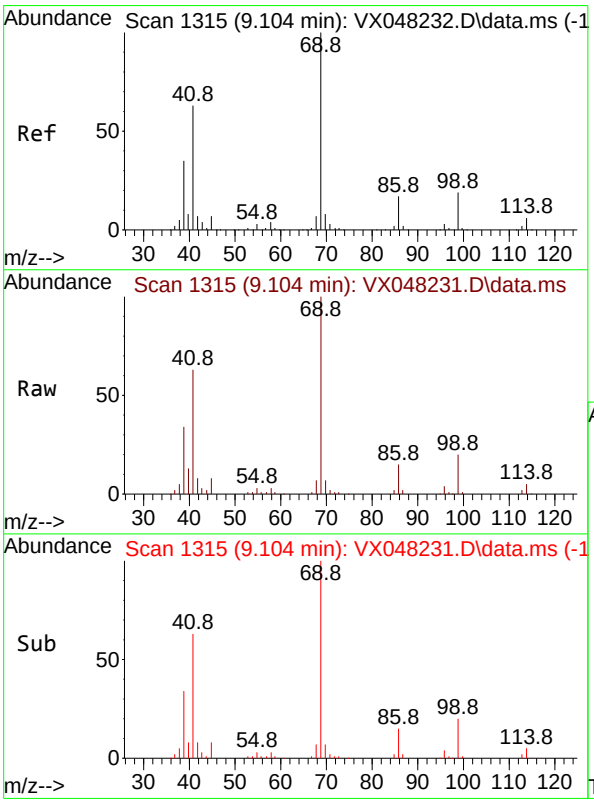
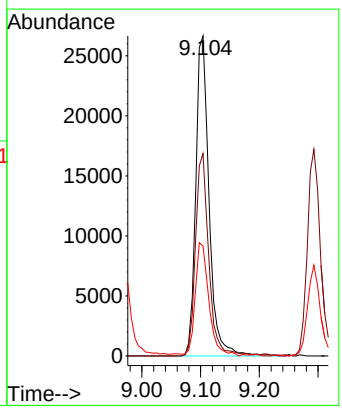
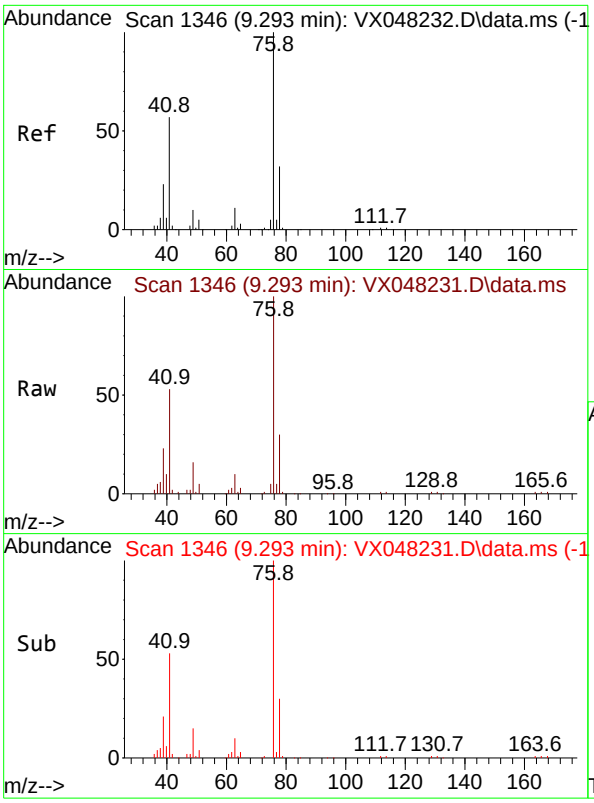


#56
Ethyl methacrylate
Concen: 24.210 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809

Ion	Ratio	Lower	Upper
69	100		
41	63.2	56.0	84.0
39	36.3	31.6	47.4





#57
1,3-Dichloropropane
Concen: 21.591 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 76 Resp: 4789

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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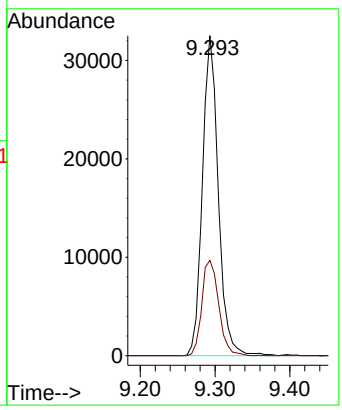
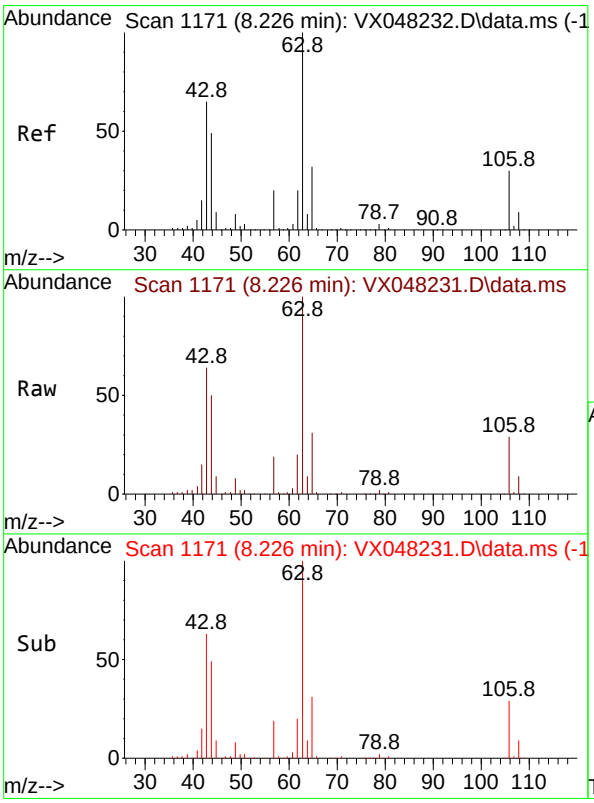
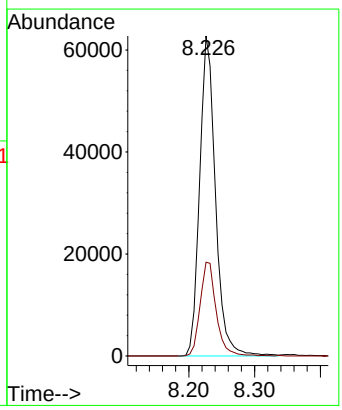


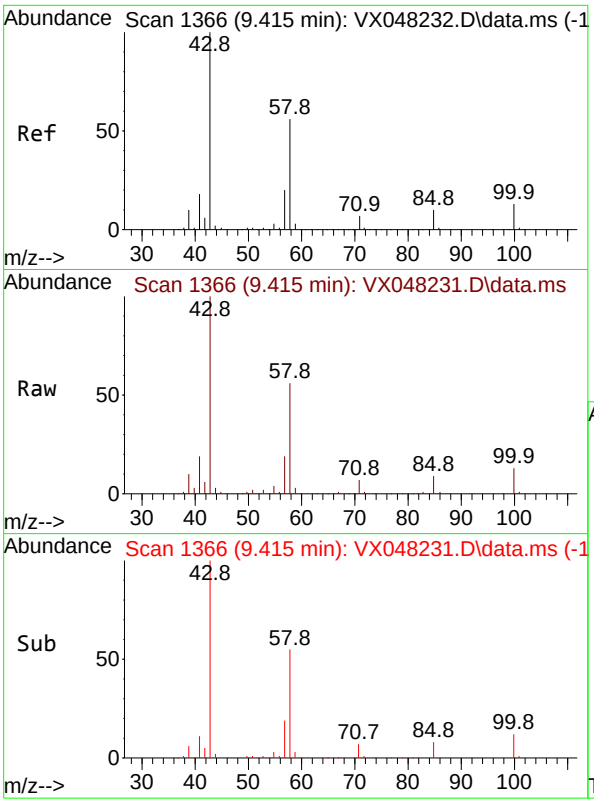


#58
2-Chloroethyl Vinyl ether
Concen: 118.278 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 104883

Ion	Ratio	Lower	Upper
63	100		
106	29.7	22.2	33.2





#59
2-Hexanone
Concen: 116.777 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 11626

Ion	Ratio	Lower	Upper
43	100		
58	56.1	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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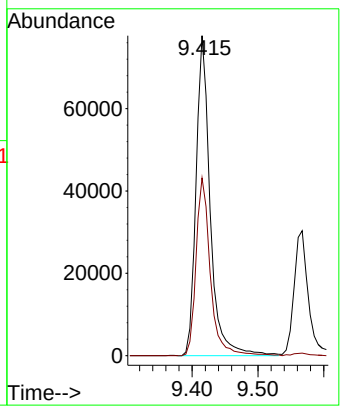
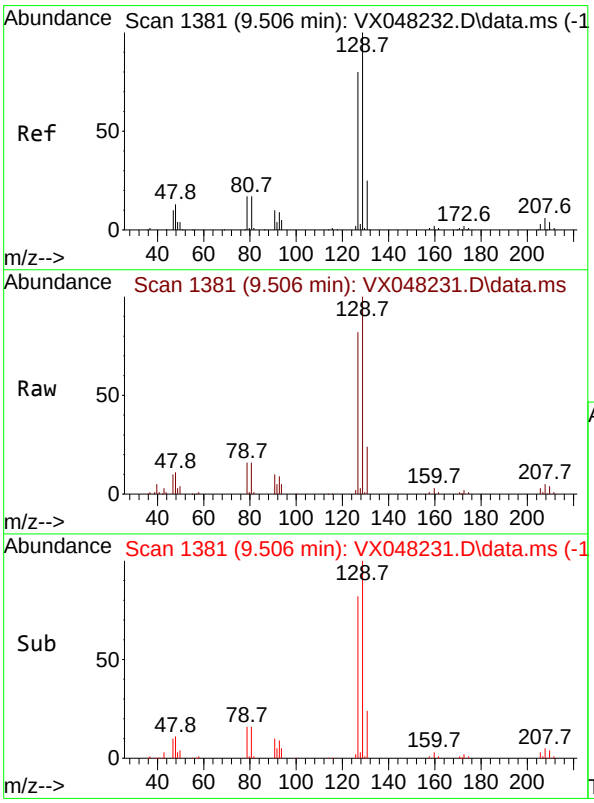
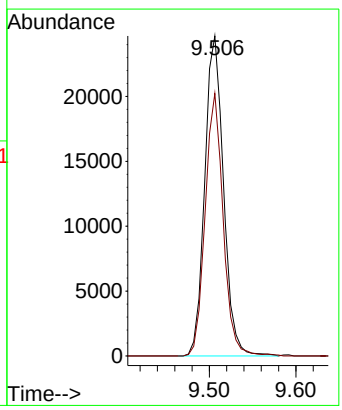


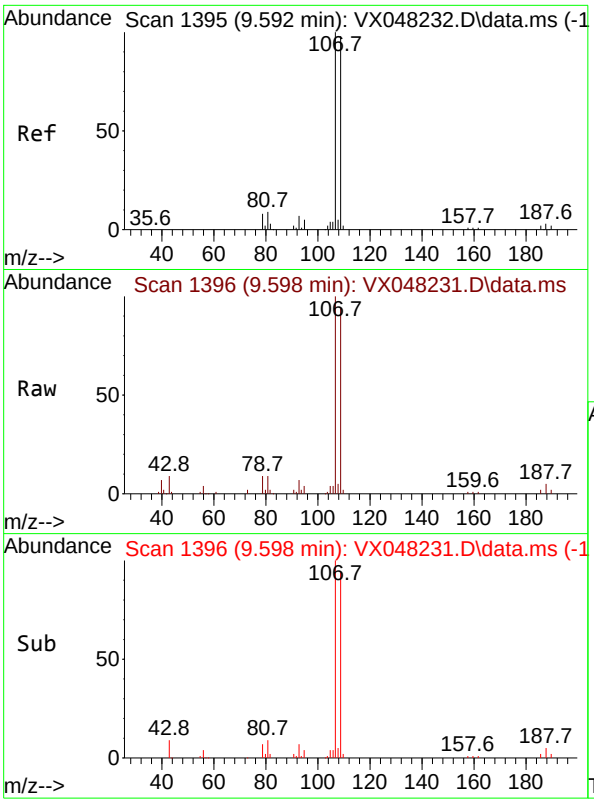


#60
Dibromochloromethane
Concen: 23.361 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:129 Resp: 37127

Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.6	115.7





#61
1,2-Dibromoethane
Concen: 23.533 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:107 Resp: 3063

Ion	Ratio	Lower	Upper
107	100		
109	92.2	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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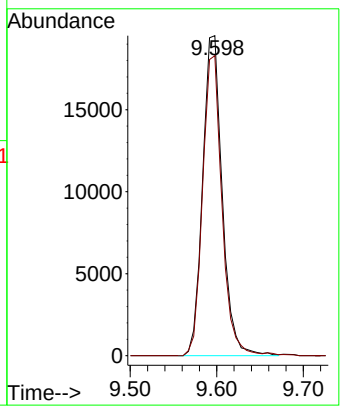
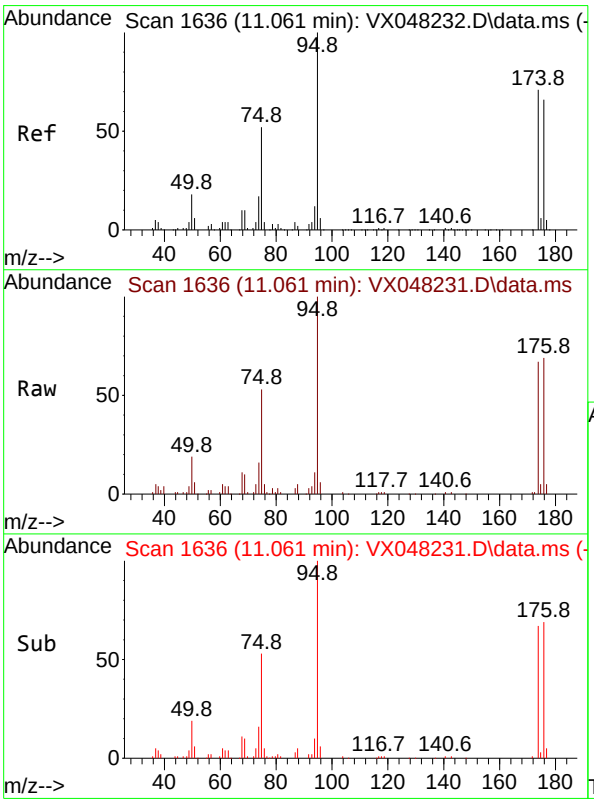
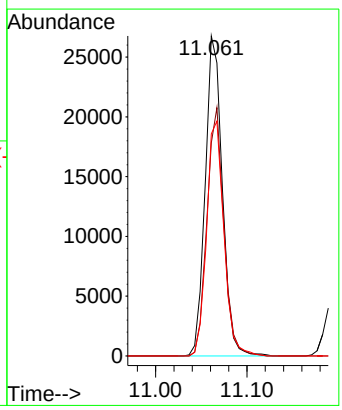


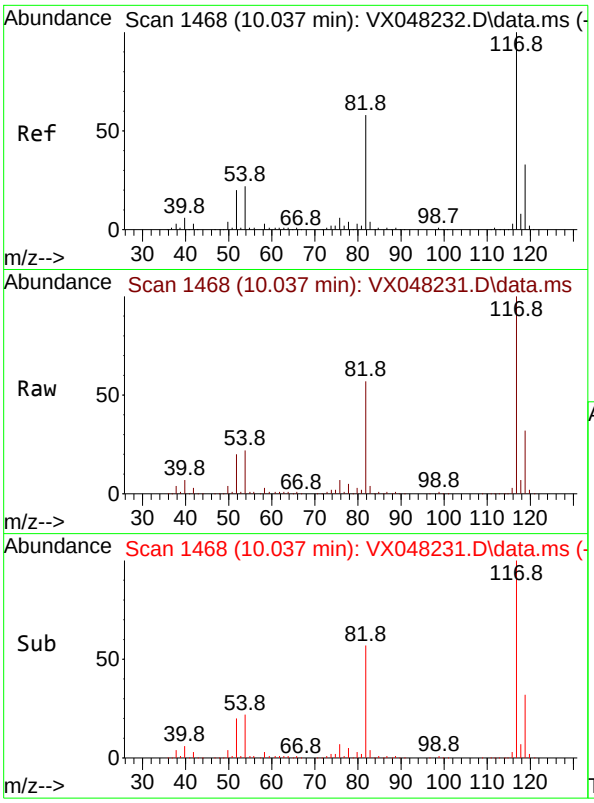


#62
4-Bromofluorobenzene
Concen: 19.551 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 95 Resp: 34724

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	147.8
176	74.3	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 17897

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.5	69.7
119	32.4	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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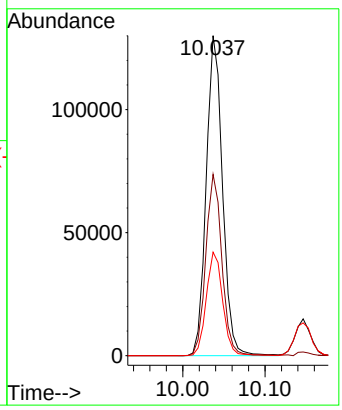
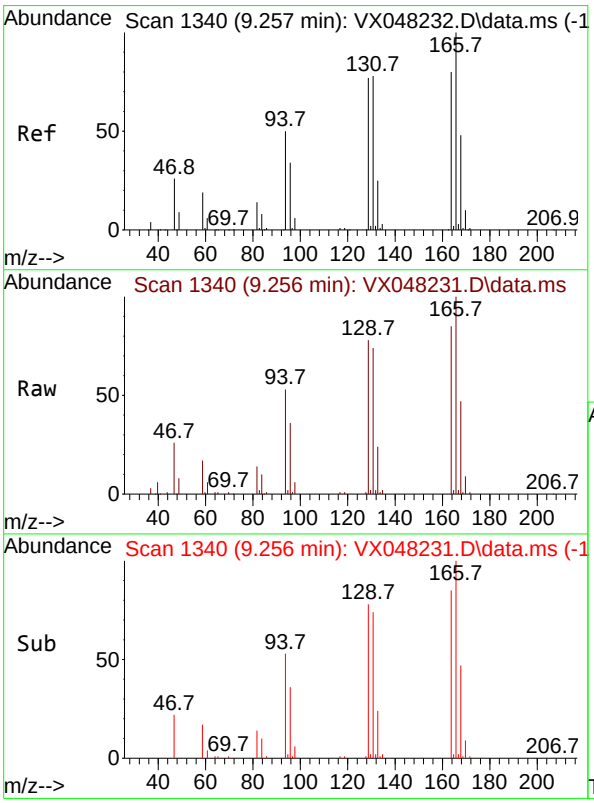
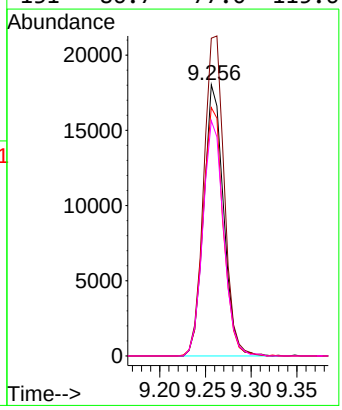


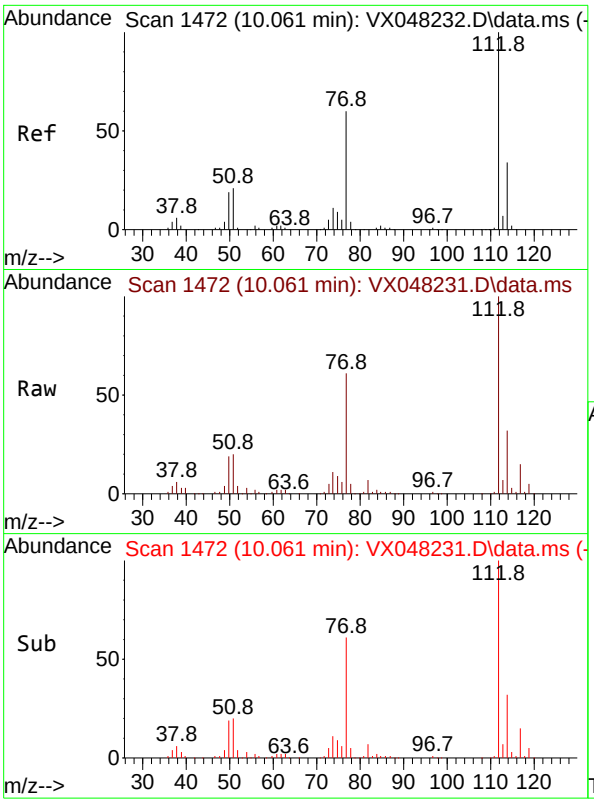


#64
Tetrachloroethene
Concen: 21.550 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043

Ion	Ratio	Lower	Upper
164	100		
166	117.2	104.5	156.7
129	91.6	81.8	122.6
131	86.7	77.0	115.6

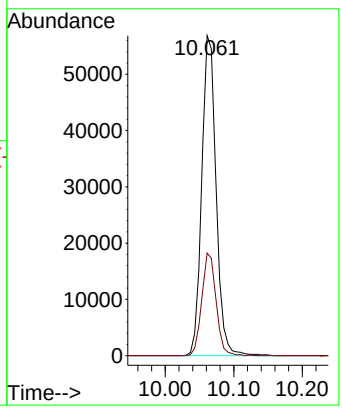




#65
Chlorobenzene
Concen: 21.211 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:112 Resp: 8300

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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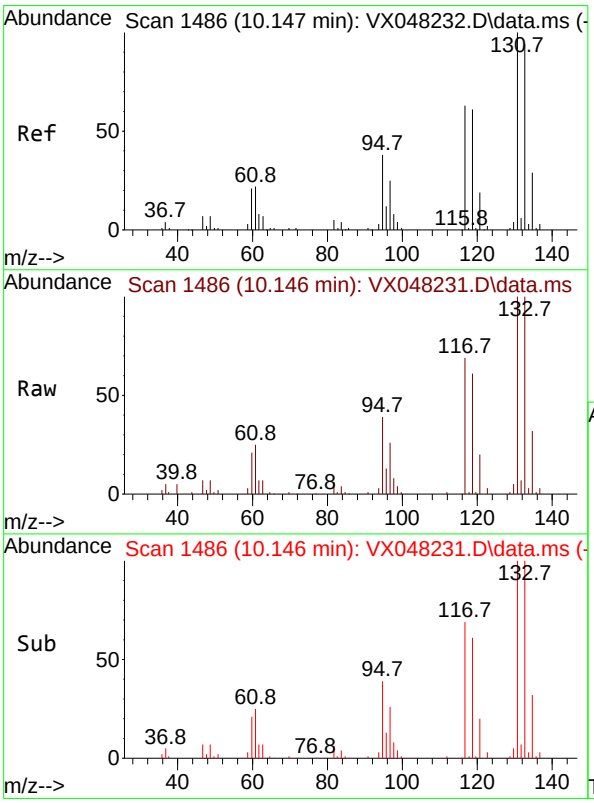
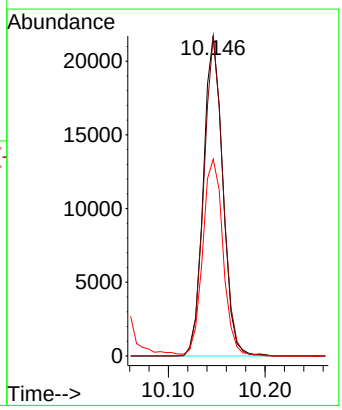
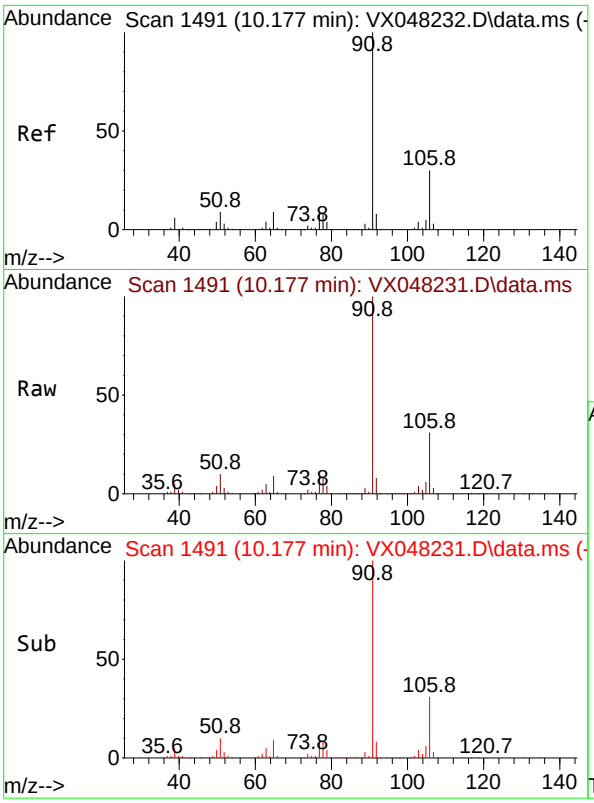


#66
1,1,1,2-Tetrachloroethane
Concen: 21.471 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:131 Resp: 30278

Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.6	142.8
119	64.5	32.5	97.5





#67
Ethyl Benzene
Concen: 20.852 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 13989

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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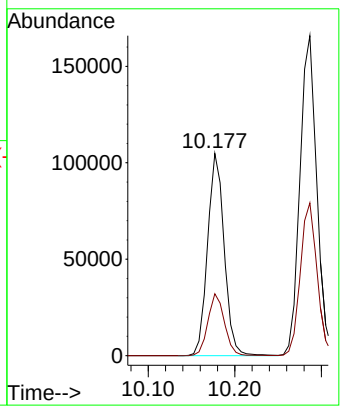
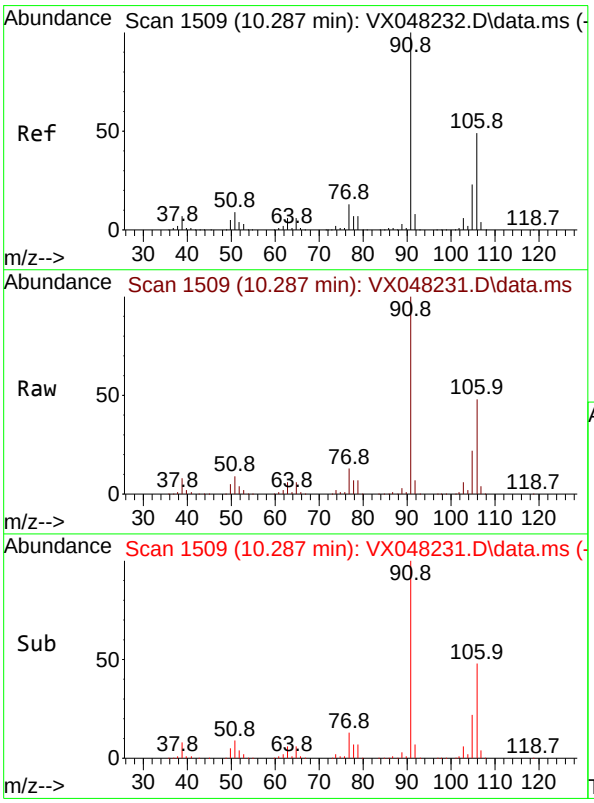
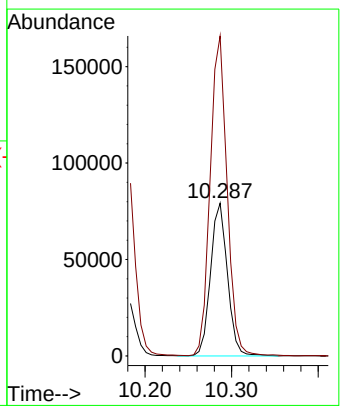


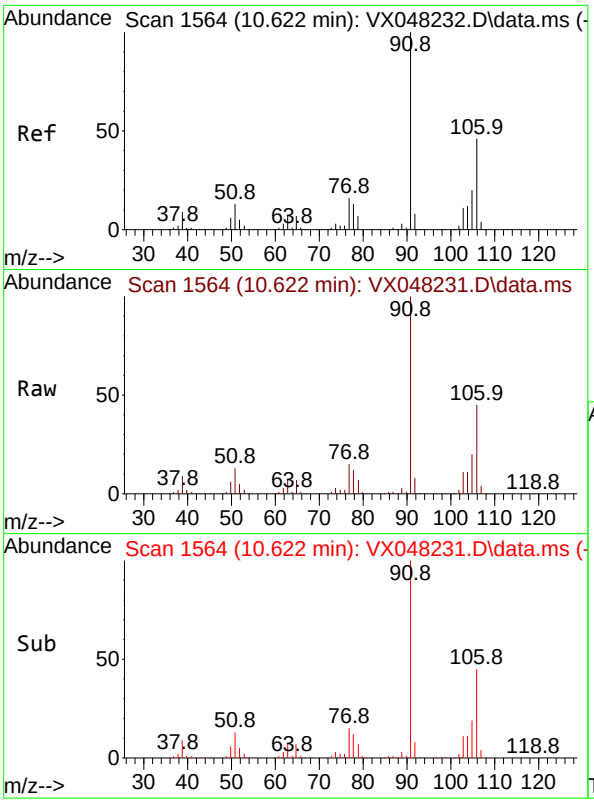


#68
m/p-Xylenes
Concen: 42.962 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 107377

Ion	Ratio	Lower	Upper
106	100		
91	209.9	167.9	251.9





#69
o-Xylene
Concen: 21.655 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 5095

Ion	Ratio	Lower	Upper
106	100		
91	220.1	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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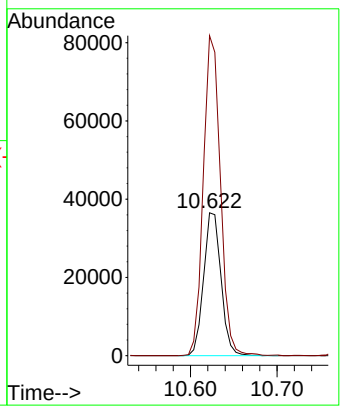
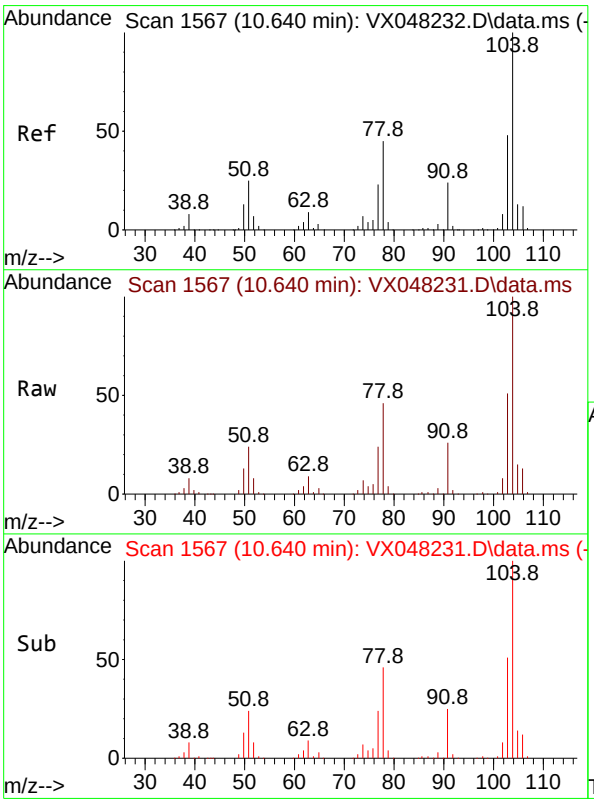
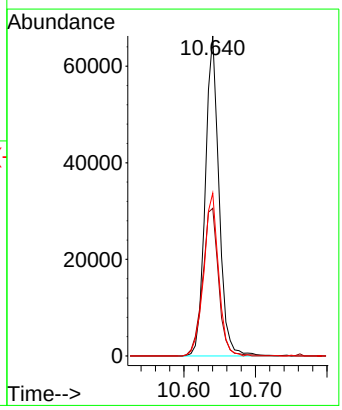


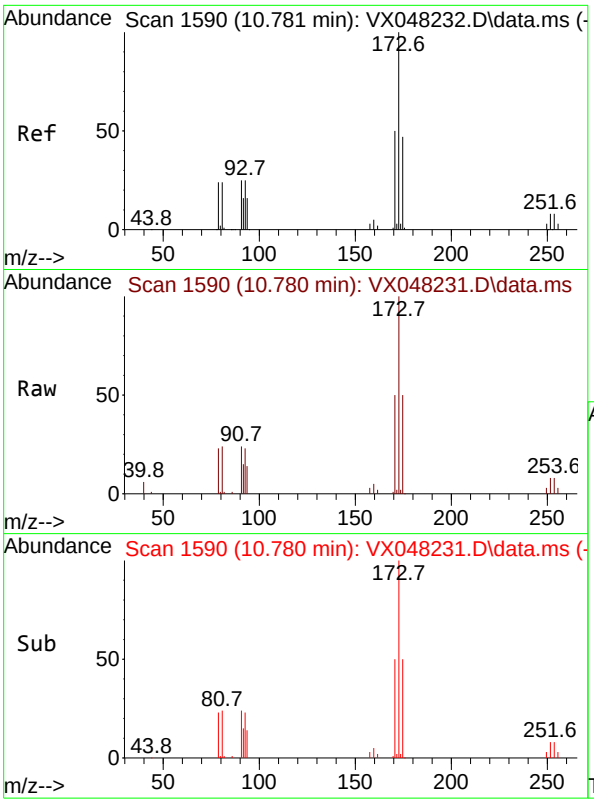


#70
Styrene
Concen: 21.848 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:104 Resp: 88481

Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.2	63.4
103	54.7	43.0	64.4

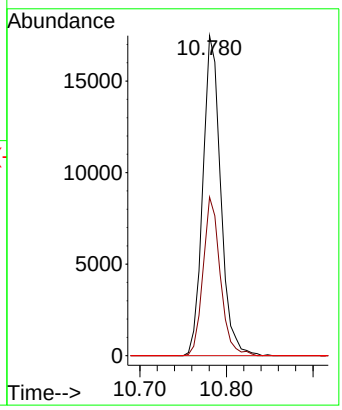




#71
Bromoform
Concen: 24.168 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:173 Resp: 2502

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
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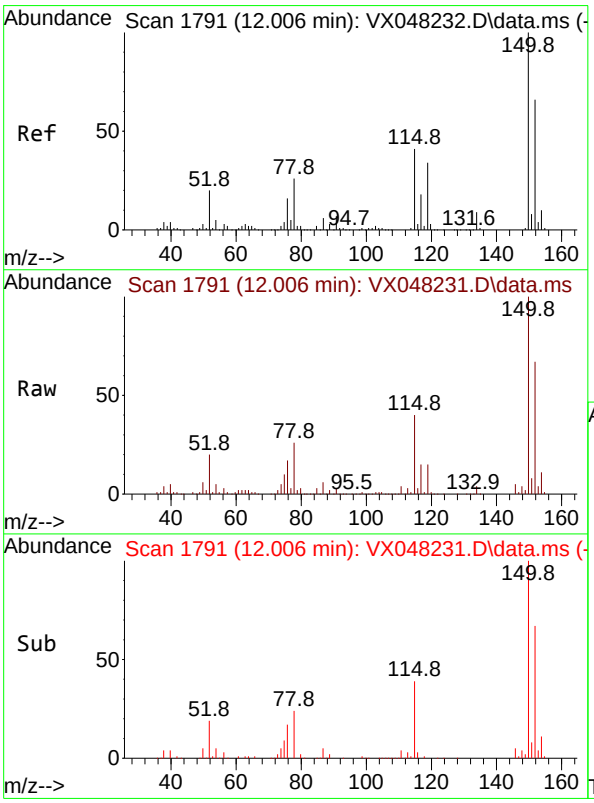
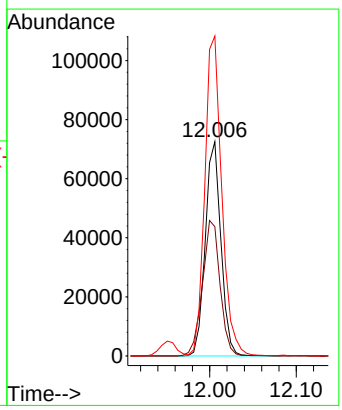
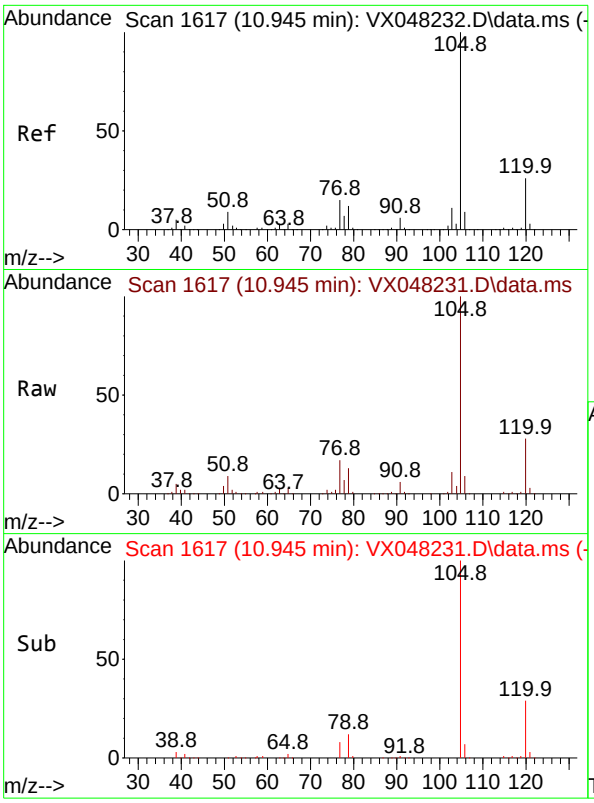


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972

Ion	Ratio	Lower	Upper
152	100		
115	71.1	43.1	129.4
150	161.6	0.0	353.0





#73
Isopropylbenzene
Concen: 21.025 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 13303

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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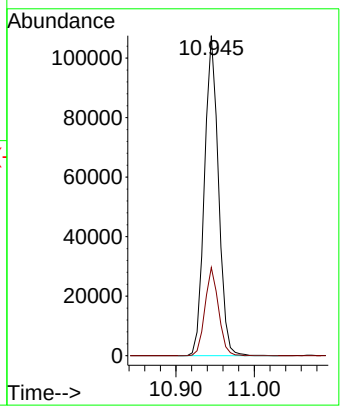
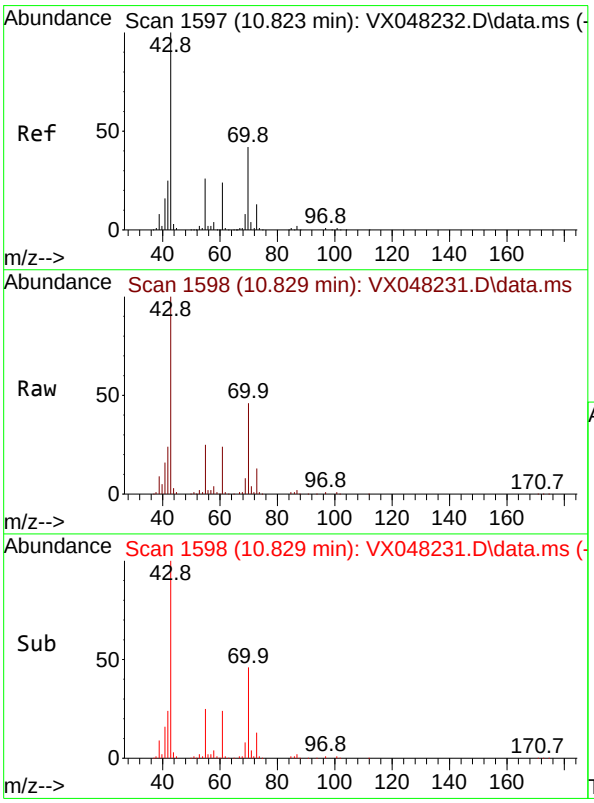
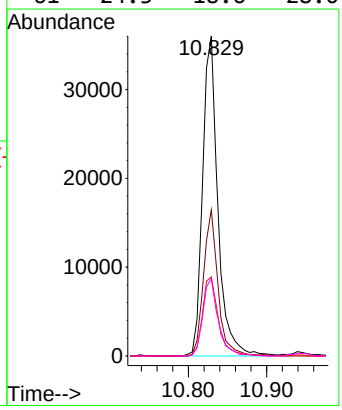


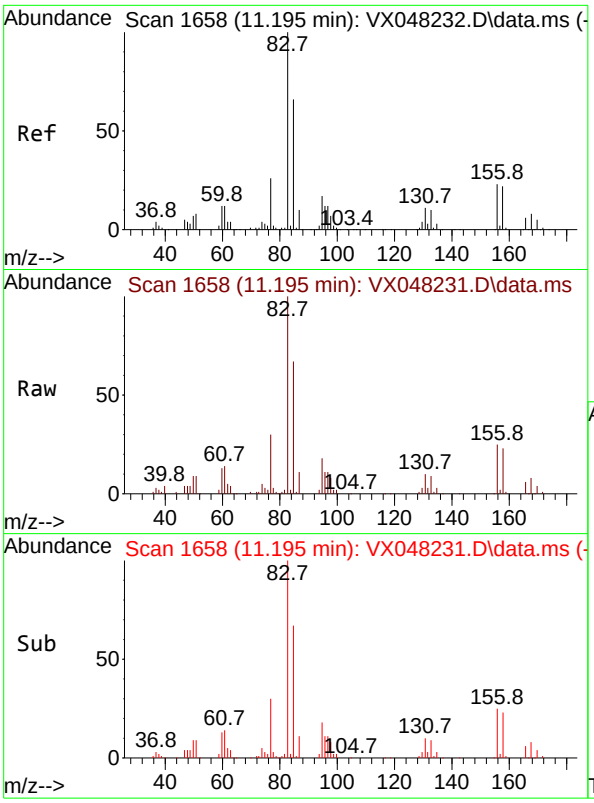


#74
N-amyl acetate
Concen: 20.642 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726

Ion	Ratio	Lower	Upper
43	100		
70	43.4	32.2	48.2
55	25.5	19.1	28.7
61	24.3	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.616 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 3874

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	65.2	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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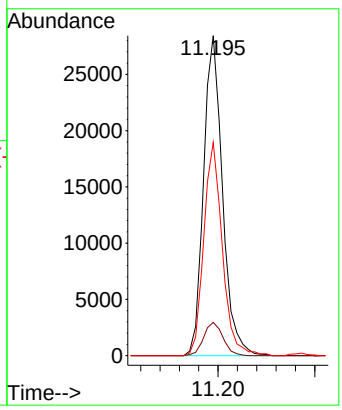
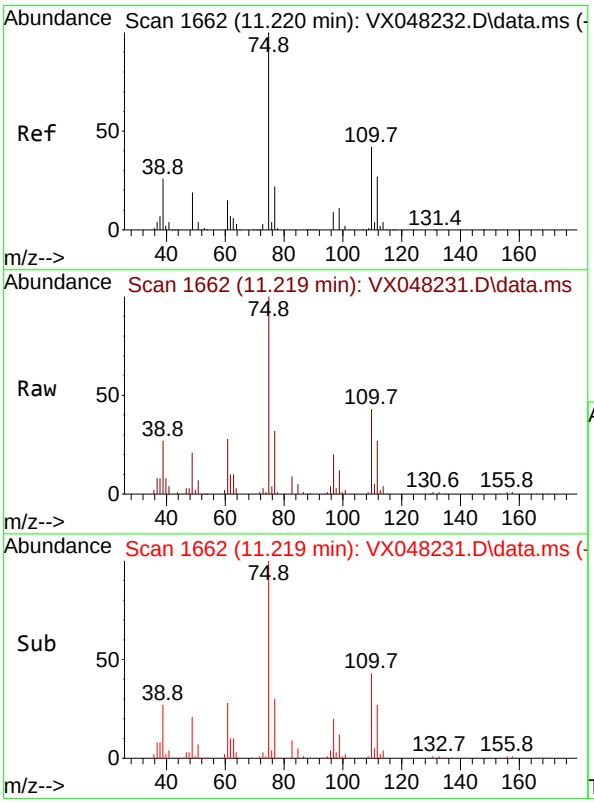
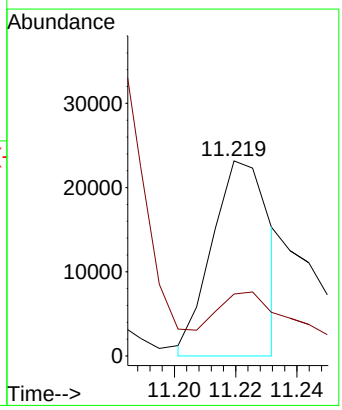


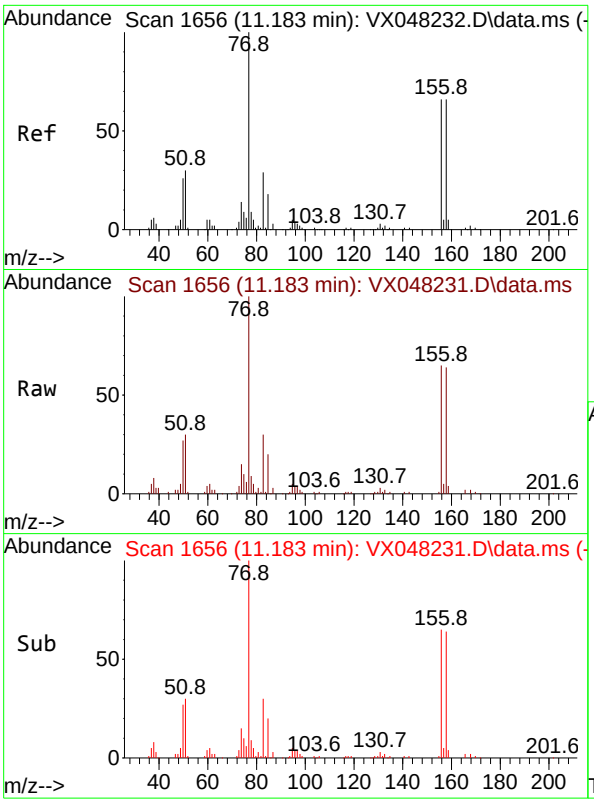


#76
1,2,3-Trichloropropane
Concen: 21.533 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 29913

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.4	67.2





#77
Bromobenzene
Concen: 21.374 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:156 Resp: 3384

Ion	Ratio	Lower	Upper
156	100		
77	164.0	87.0	261.0
158	97.7	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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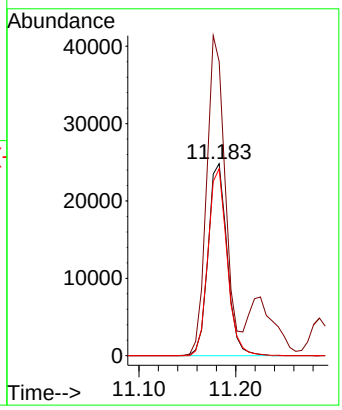
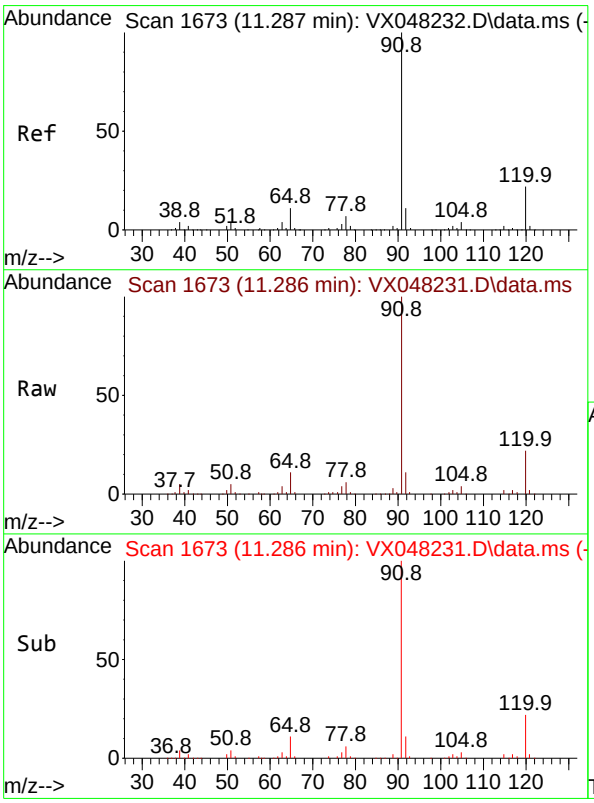
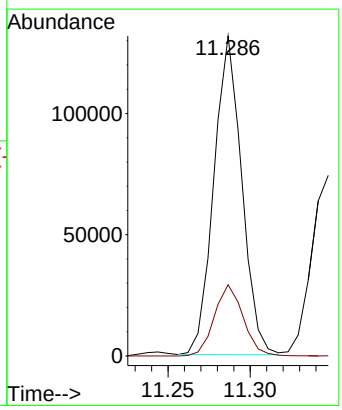


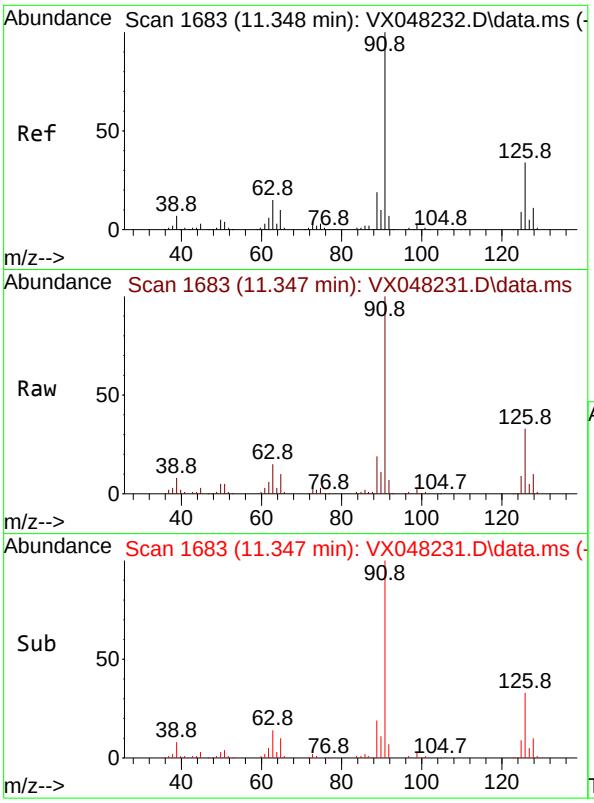


#78
n-propylbenzene
Concen: 20.180 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 154839

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1

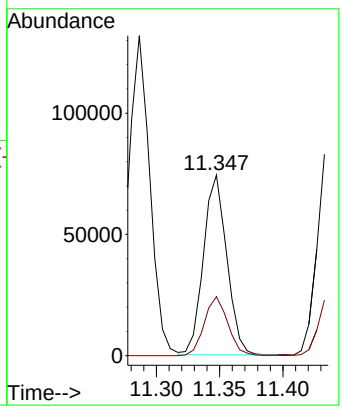




#79
2-Chlorotoluene
Concen: 20.526 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 9515

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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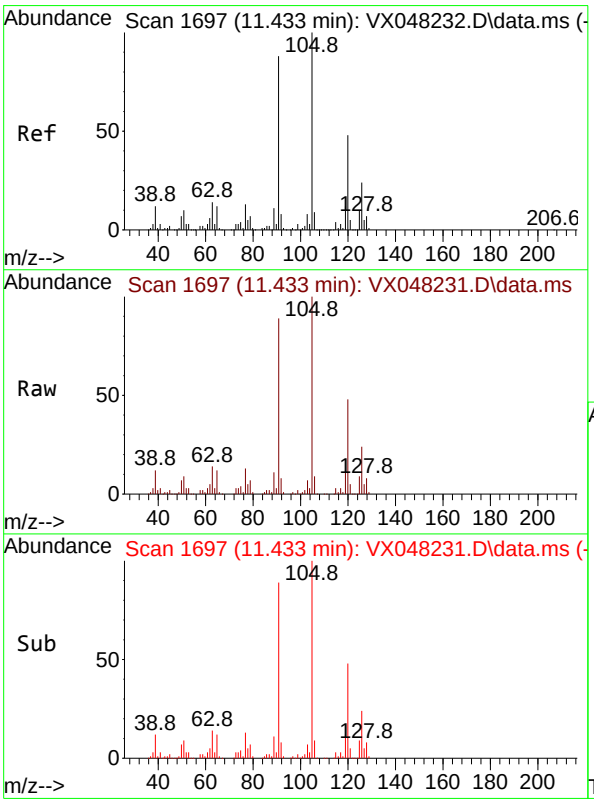
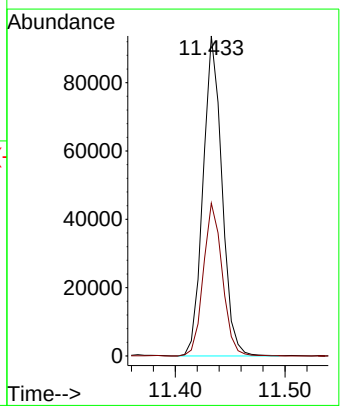
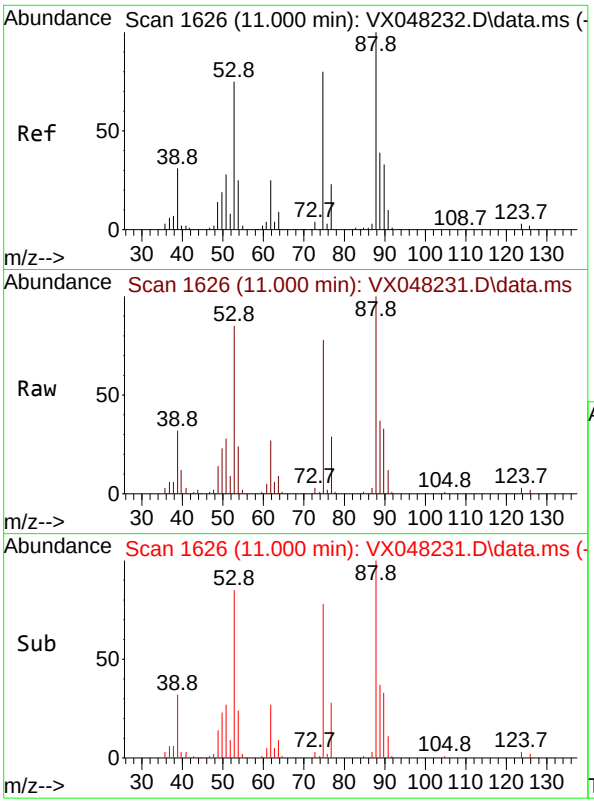


#80
1,3,5-Trimethylbenzene
Concen: 21.575 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 112057

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.154 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 1200

Ion	Ratio	Lower	Upper
75	100		
53	107.3	79.5	119.3
89	46.9	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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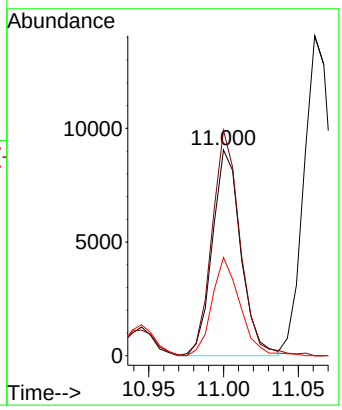
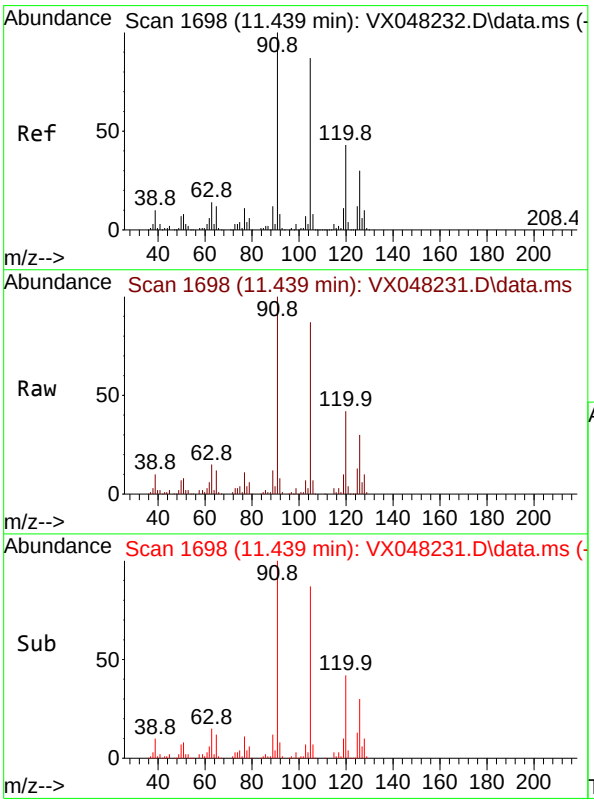
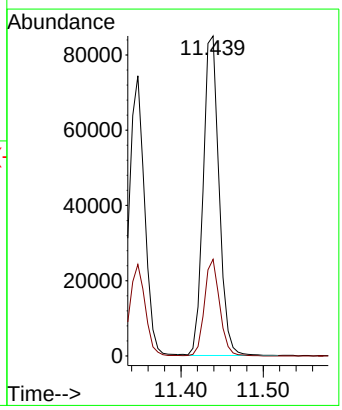


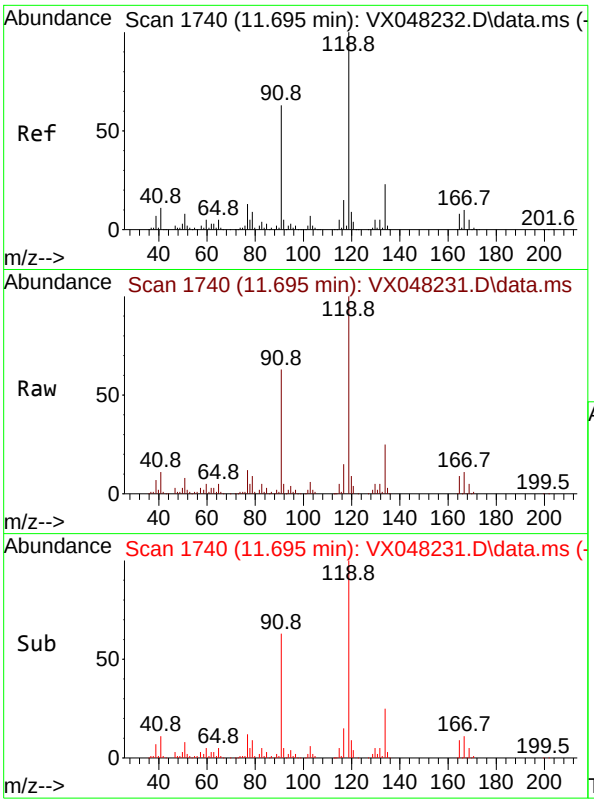


#82
4-Chlorotoluene
Concen: 20.833 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.1	42.4

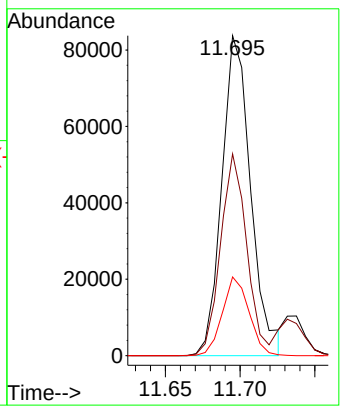




#83
tert-Butylbenzene
Concen: 21.403 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 11230

Ion	Ratio	Lower	Upper
119	100		
91	57.4	30.3	91.0
134	22.8	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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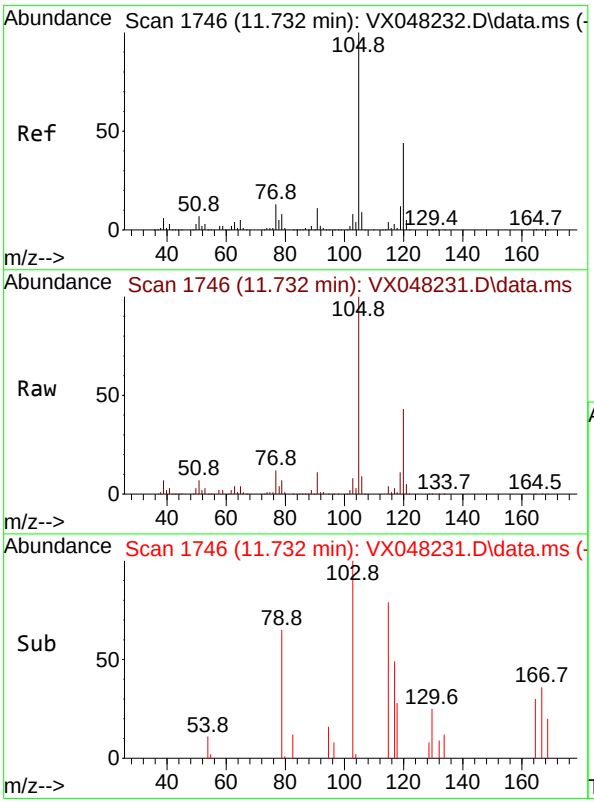
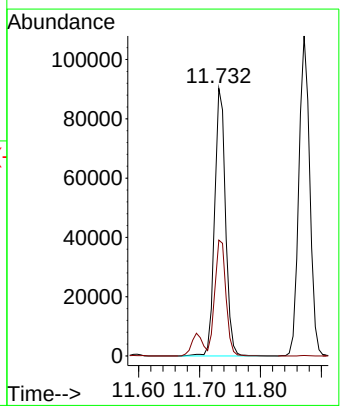
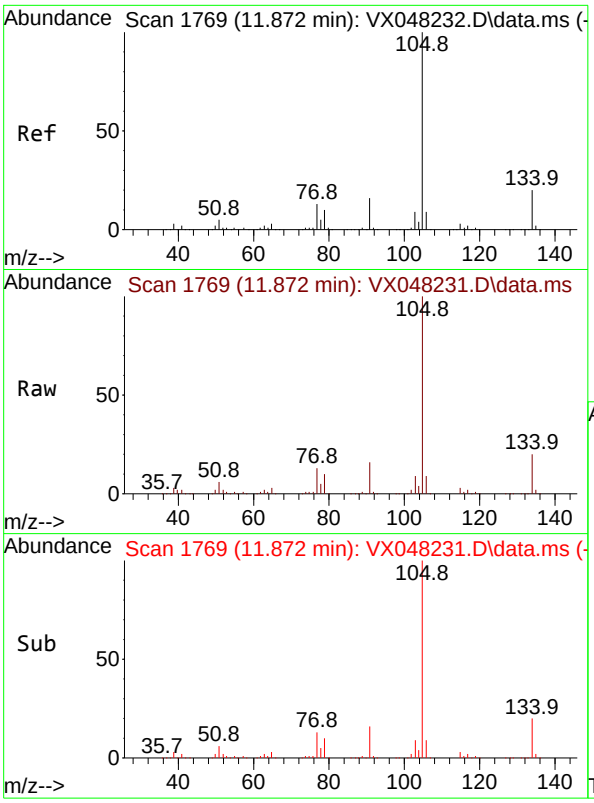


#84
1,2,4-Trimethylbenzene
Concen: 21.652 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 111976

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5

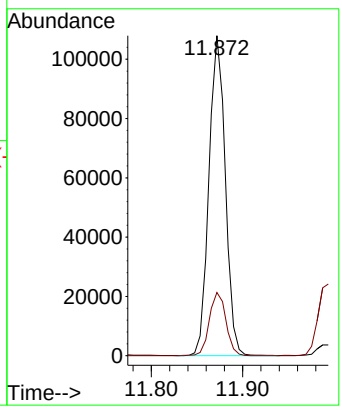




#85
sec-Butylbenzene
Concen: 20.891 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 13401

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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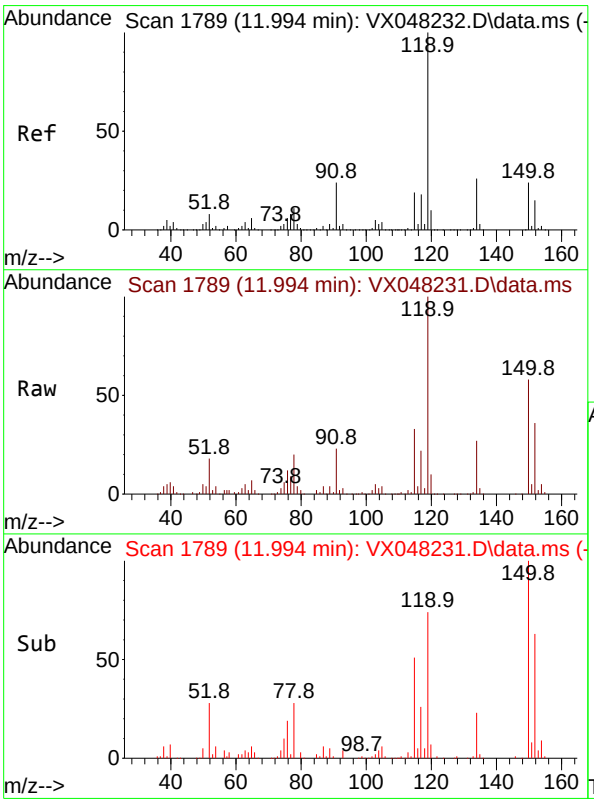
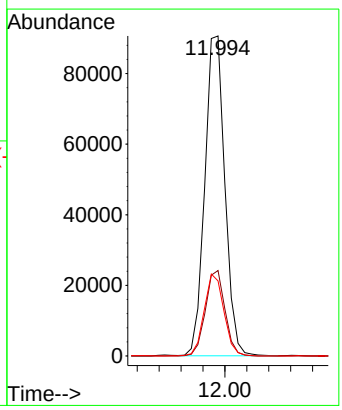
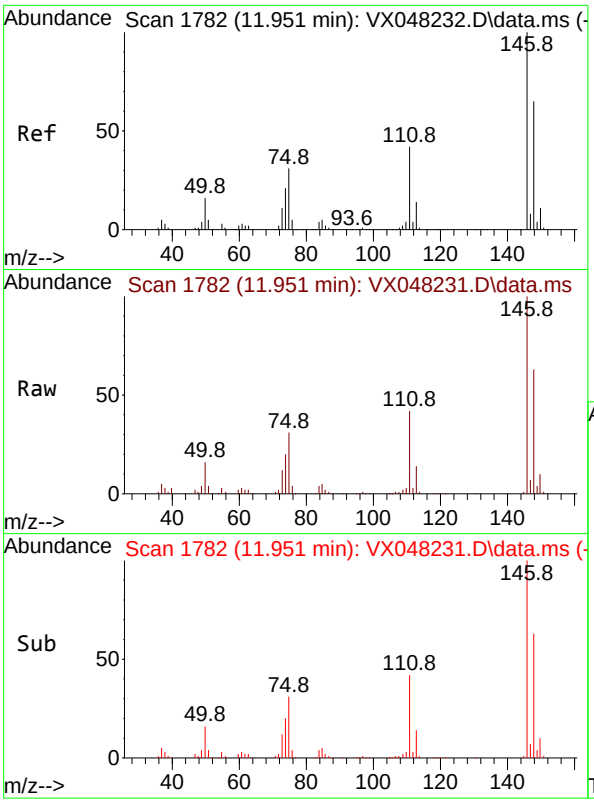


#86
p-Isopropyltoluene
Concen: 21.263 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 114969

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	25.1	12.1	36.3

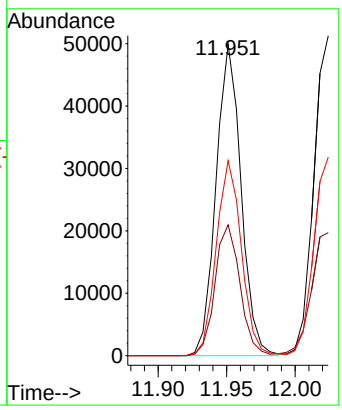




#87
1,3-Dichlorobenzene
Concen: 21.403 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 6337

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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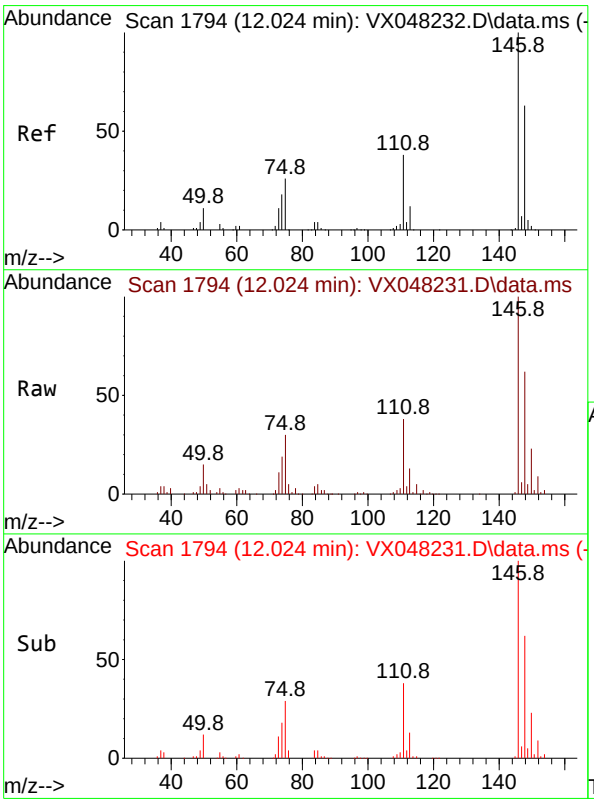
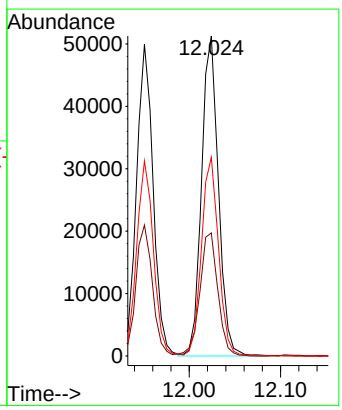
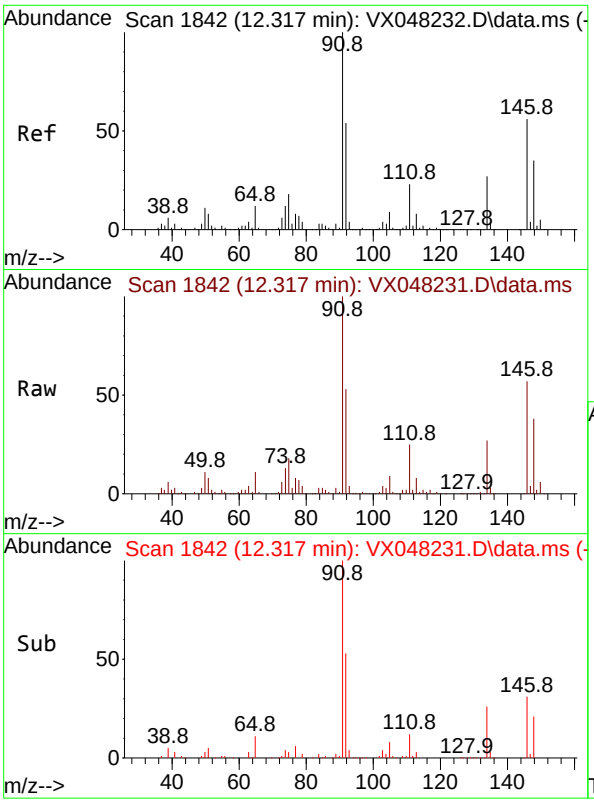


#88
1,4-Dichlorobenzene
Concen: 21.375 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 65612

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	62.6	31.8	95.3





#89
n-Butylbenzene
Concen: 20.281 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 10214

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	25.2	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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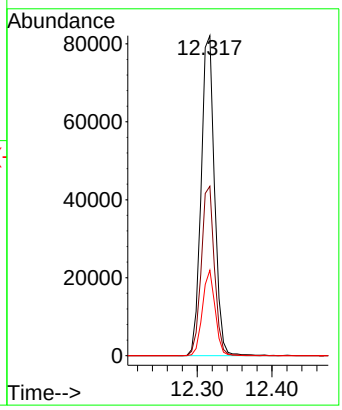
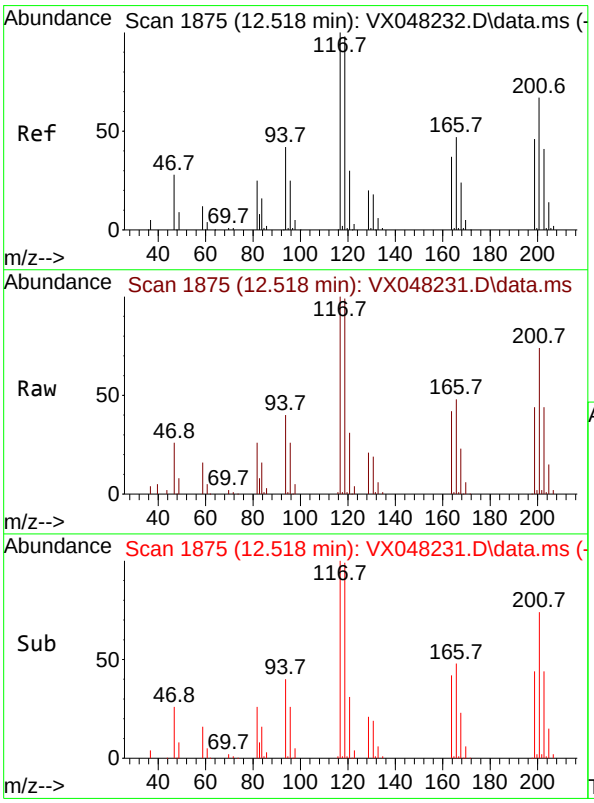
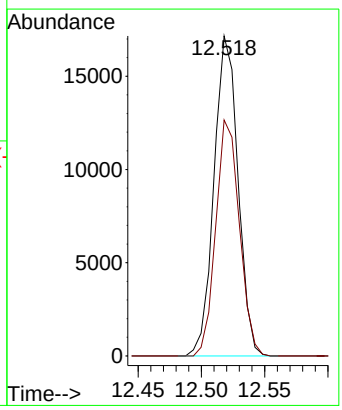


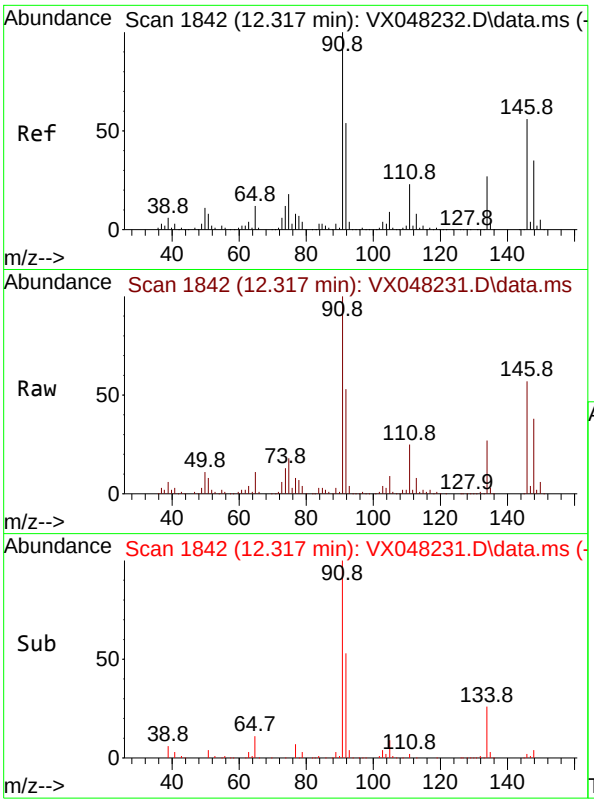


#90
Hexachloroethane
Concen: 19.811 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 22609

Ion	Ratio	Lower	Upper
117	100		
201	72.6	34.1	102.2

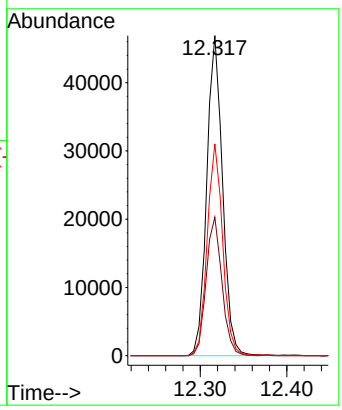




#91
1,2-Dichlorobenzene
Concen: 21.212 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 5934

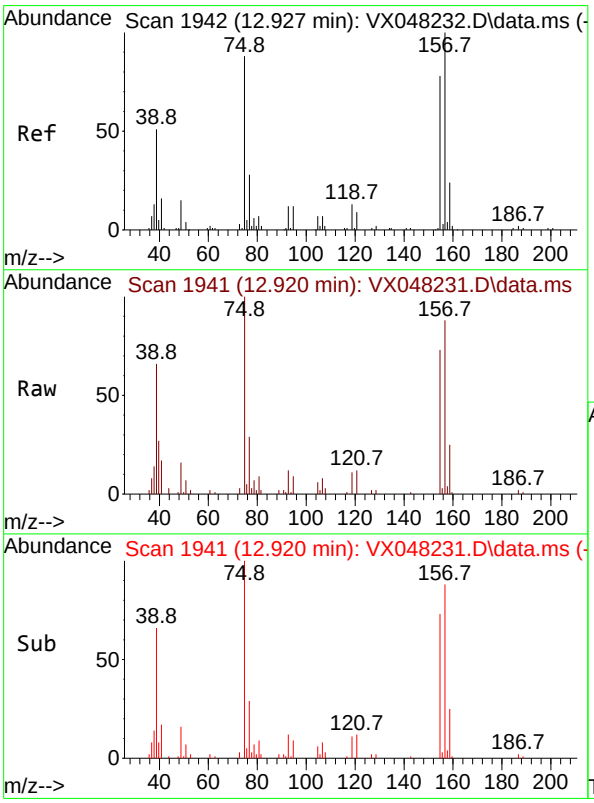
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.9	65.5
148	64.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

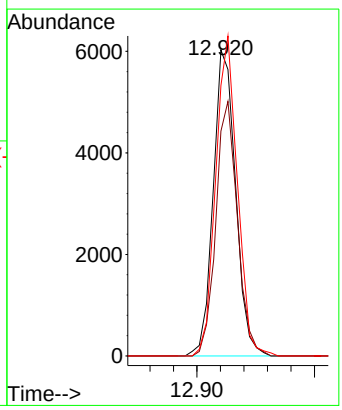
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

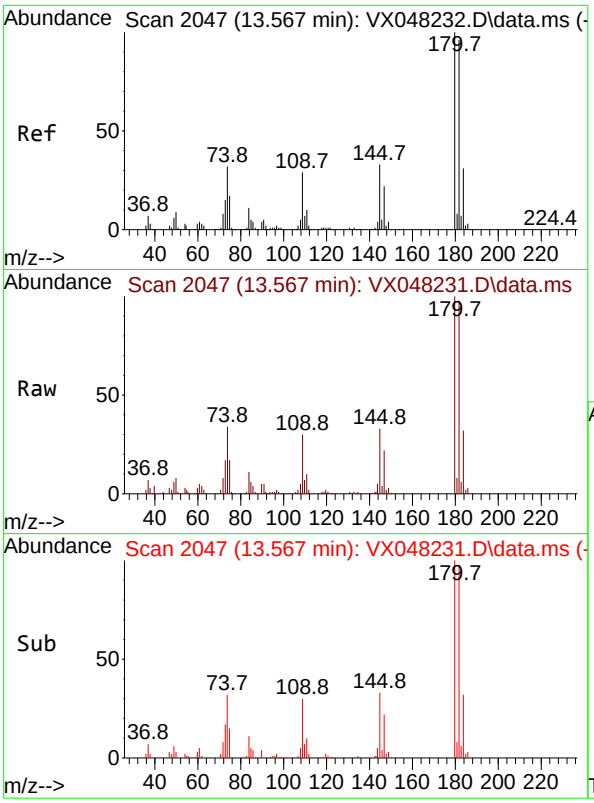


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.372 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983

Ion	Ratio	Lower	Upper
75	100		
155	80.3	42.8	128.4
157	101.4	54.2	162.6

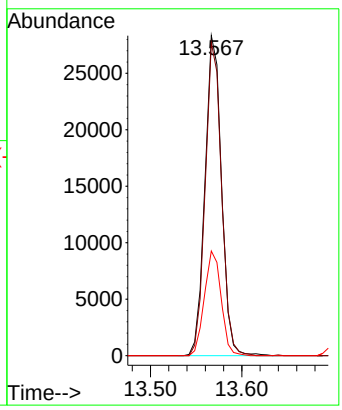




#93
1,2,4-Trichlorobenzene
Concen: 21.473 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 3546

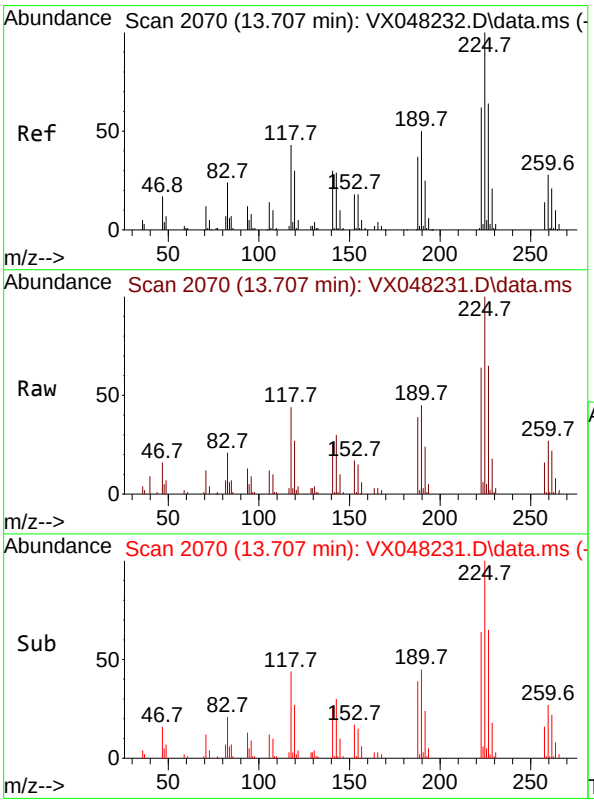
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	33.2	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

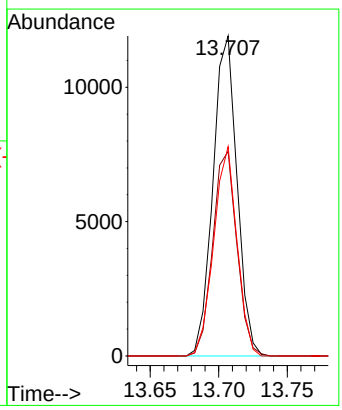
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

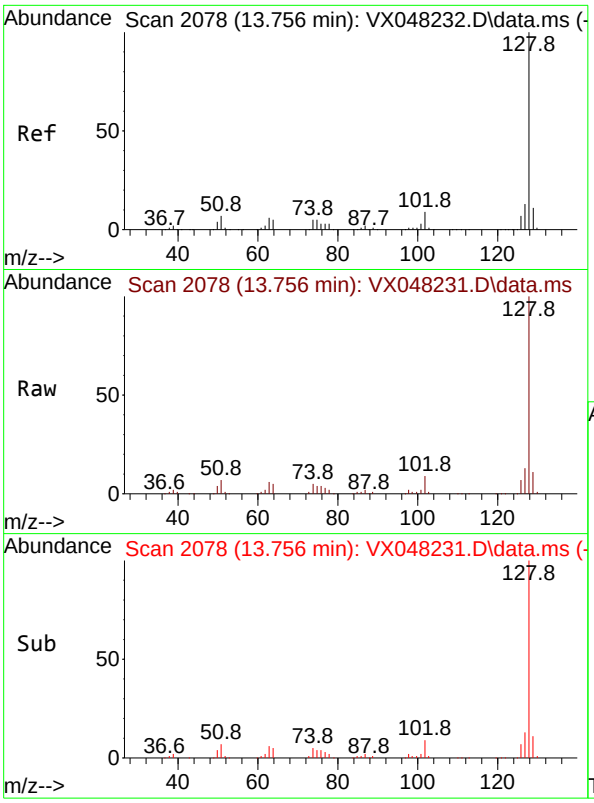


#94
Hexachlorobutadiene
Concen: 22.810 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:225 Resp: 14529

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.6	97.7
227	63.2	32.5	97.4





#95
Naphthalene
Concen: 24.073 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

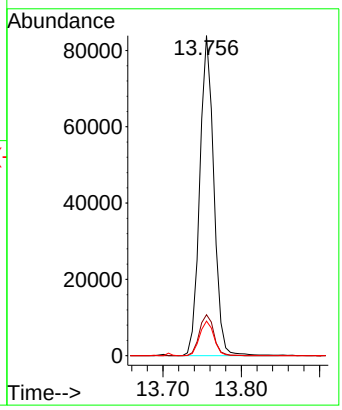
Tgt Ion:128 Resp: 10480

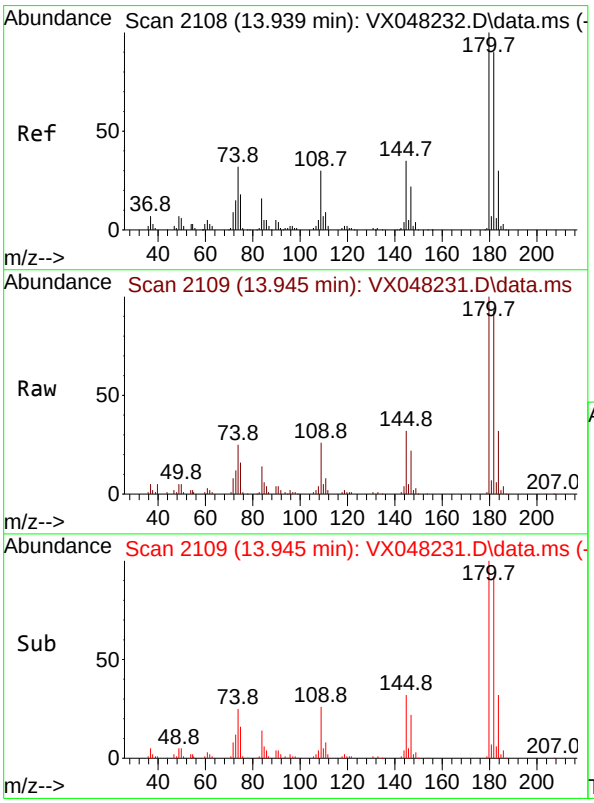
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

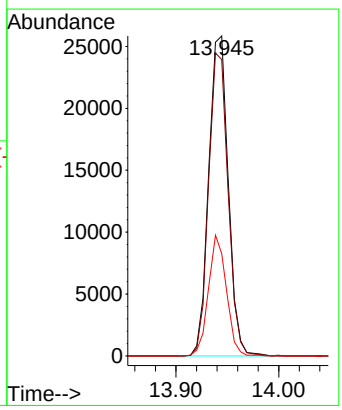




#96
1,2,3-Trichlorobenzene
Concen: 22.493 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.7
145	34.6	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	124491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84951	44.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.100%			
35) Dibromofluoromethane	5.379	113	66593	47.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.040%			
50) Toluene-d8	8.635	98	239295	47.402	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.800%			
62) 4-Bromofluorobenzene	11.061	95	89579	48.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	60172	46.052	ug/l	98
3) Chloromethane	1.301	50	55934	35.336	ug/l	100
4) Vinyl Chloride	1.380	62	51819	31.067	ug/l	99
5) Bromomethane	1.618	94	35101	31.646	ug/l	98
6) Chloroethane	1.697	64	30718	28.940	ug/l	95
7) Trichlorofluoromethane	1.898	101	100423	38.358	ug/l	99
8) Diethyl Ether	2.136	74	27723	31.044	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	62391	42.290	ug/l	95
10) Methyl Iodide	2.459	142	82552	46.716	ug/l	99
11) Tert butyl alcohol	2.947	59	38534	301.123	ug/l	99
12) 1,1-Dichloroethene	2.325	96	60330	41.821	ug/l	94
13) Acrolein	2.239	56	40536	150.726	ug/l	100
14) Allyl chloride	2.666	41	100234	38.627	ug/l	97
15) Acrylonitrile	3.056	53	149009	243.004	ug/l	100
16) Acetone	2.374	43	126003	191.520	ug/l	100
17) Carbon Disulfide	2.514	76	179492	40.440	ug/l	99
18) Methyl Acetate	2.703	43	58071	43.336	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	212092	48.809	ug/l	96
20) Methylene Chloride	2.788	84	68663	42.841	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	66608	44.631	ug/l	96
22) Diisopropyl ether	3.757	45	206901	40.720	ug/l	91
23) Vinyl Acetate	3.715	43	839370	220.927	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121657	42.204	ug/l	99
25) 2-Butanone	4.544	43	175075	228.411	ug/l	93
26) 2,2-Dichloropropane	4.471	77	109062	44.264	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77911	43.988	ug/l	98
28) Bromochloromethane	4.885	49	54919	41.331	ug/l	85
29) Tetrahydrofuran	4.989	42	106381	236.335	ug/l	93
30) Chloroform	5.087	83	130274	42.925	ug/l	96
31) Cyclohexane	5.465	56	102251	43.351	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	121090	48.560	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87493	44.323	ug/l	98
37) Ethyl Acetate	4.702	43	74261	47.073	ug/l	97
38) Carbon Tetrachloride	5.666	117	111708	49.302	ug/l	98
39) Methylcyclohexane	7.367	83	109077	49.008	ug/l	94
40) Benzene	6.025	78	262745	44.825	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	41293	48.874	ug/l		96
42) 1,2-Dichloroethane	6.074	62	100937	48.064	ug/l		99
43) Isopropyl Acetate	6.324	43	128290	48.444	ug/l		96
44) Trichloroethene	7.111	130	70313	47.597	ug/l		98
45) 1,2-Dichloropropane	7.415	63	64895	43.746	ug/l		99
46) Dibromomethane	7.568	93	49874	46.726	ug/l		94
47) Bromodichloromethane	7.806	83	108671	47.107	ug/l		97
48) Methyl methacrylate	7.678	41	65057	47.990	ug/l		94
49) 1,4-Dioxane	7.647	88	17905	1467.288	ug/l		90
51) 4-Methyl-2-Pentanone	8.555	43	380665	258.320	ug/l		95
52) Toluene	8.702	92	173942	49.373	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	109960	50.880	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	115534	49.046	ug/l		93
55) 1,1,2-Trichloroethane	9.135	97	64737	49.248	ug/l		96
56) Ethyl methacrylate	9.104	69	98851	55.290	ug/l		94
57) 1,3-Dichloropropane	9.293	76	110709	48.206	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	262387	285.817	ug/l		95
59) 2-Hexanone	9.415	43	269143	261.113	ug/l		96
60) Dibromochloromethane	9.506	129	85760	52.123	ug/l		98
61) 1,2-Dibromoethane	9.592	107	69022	51.208	ug/l		99
64) Tetrachloroethene	9.257	164	60510	46.776	ug/l		96
65) Chlorobenzene	10.061	112	192841	47.805	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	71930	49.482	ug/l		98
67) Ethyl Benzene	10.177	91	336660	48.680	ug/l		99
68) m/p-Xylenes	10.287	106	253662	98.455	ug/l		100
69) o-Xylene	10.622	106	122582	50.542	ug/l		98
70) Styrene	10.640	104	210861	50.508	ug/l		100
71) Bromoform	10.781	173	56874	53.279	ug/l	#	100
73) Isopropylbenzene	10.945	105	317974	49.321	ug/l		100
74) N-amyl acetate	10.823	43	115683	48.098	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	87705	48.020	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	68104m	48.115	ug/l		
77) Bromobenzene	11.183	156	79543	49.303	ug/l		94
78) n-propylbenzene	11.287	91	372312	47.621	ug/l		98
79) 2-Chlorotoluene	11.348	91	222217	47.045	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	265174	50.108	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	29295	50.678	ug/l		98
82) 4-Chlorotoluene	11.439	91	267236	48.142	ug/l		98
83) tert-Butylbenzene	11.695	119	270202	50.539	ug/l		96
84) 1,2,4-Trimethylbenzene	11.732	105	265485	50.381	ug/l		99
85) sec-Butylbenzene	11.872	105	322219	49.298	ug/l		100
86) p-Isopropyltoluene	11.994	119	276821	50.246	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	143699	47.627	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	146196	46.744	ug/l		99
89) n-Butylbenzene	12.317	91	243063	47.367	ug/l		99
90) Hexachloroethane	12.518	117	52735	45.350	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	138489	48.582	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	18059	54.111	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	88920	52.839	ug/l		99
94) Hexachlorobutadiene	13.707	225	34615	53.334	ug/l		97
95) Naphthalene	13.756	128	257281	57.999	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	84279	54.281	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 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

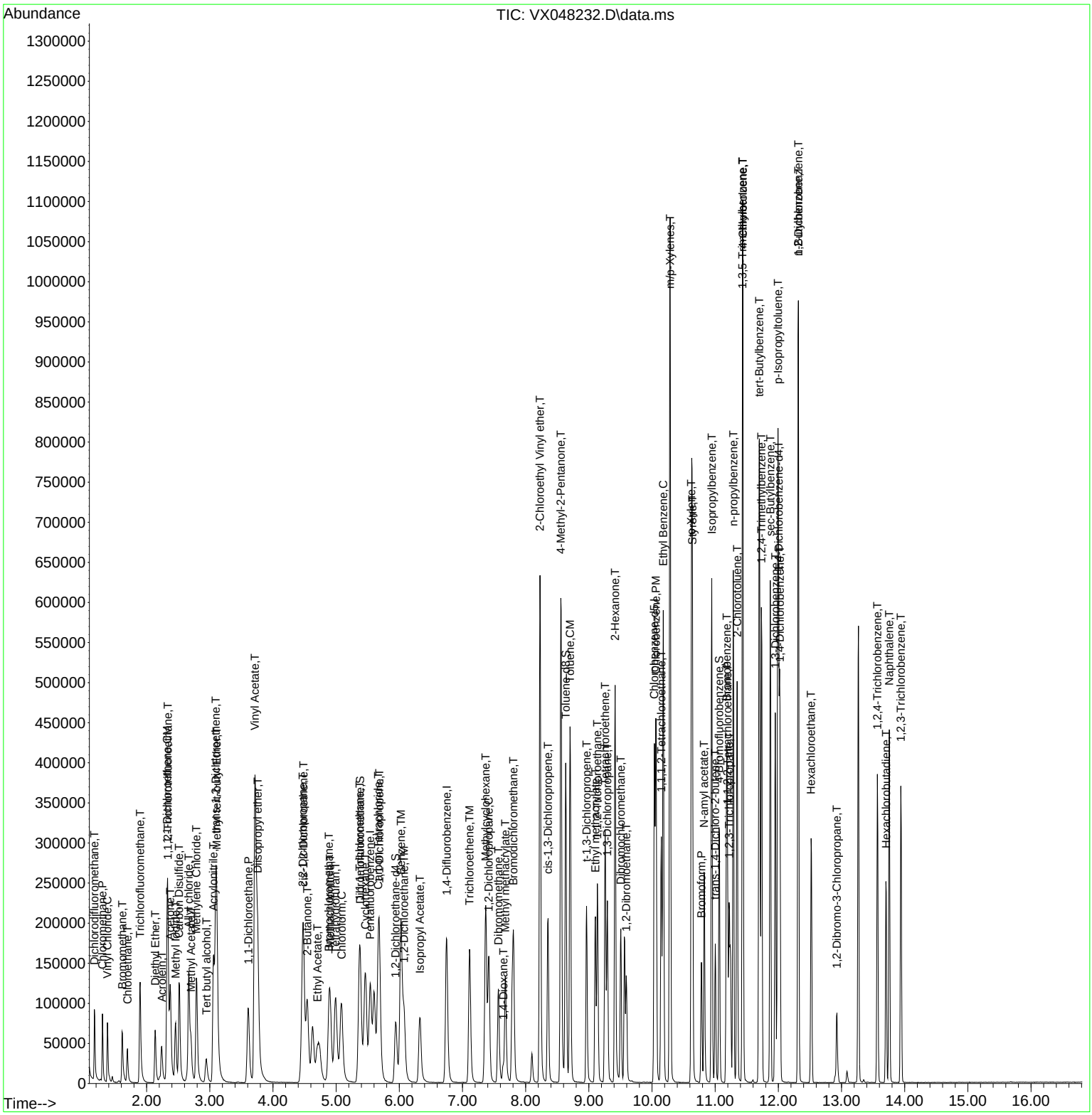
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

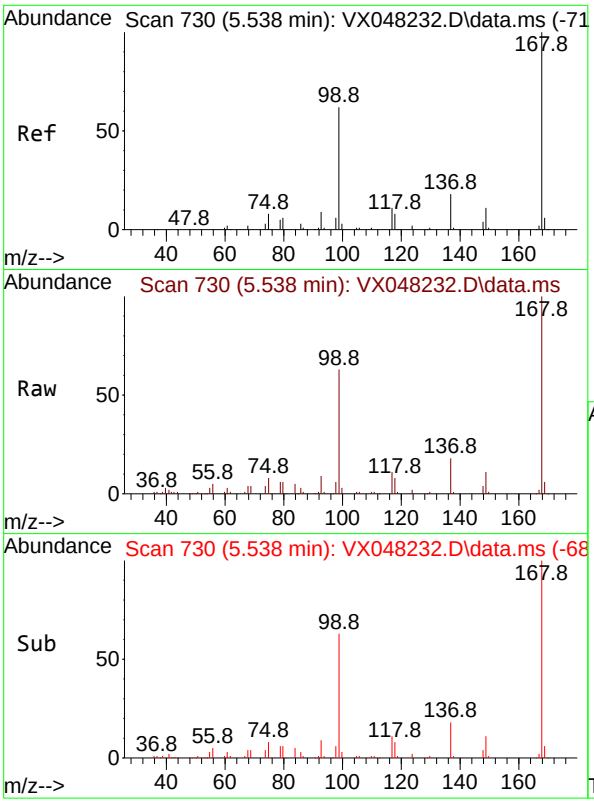
Quant Time: Oct 20 12:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

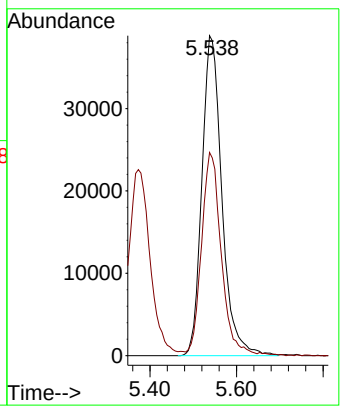




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:168 Resp: 12449

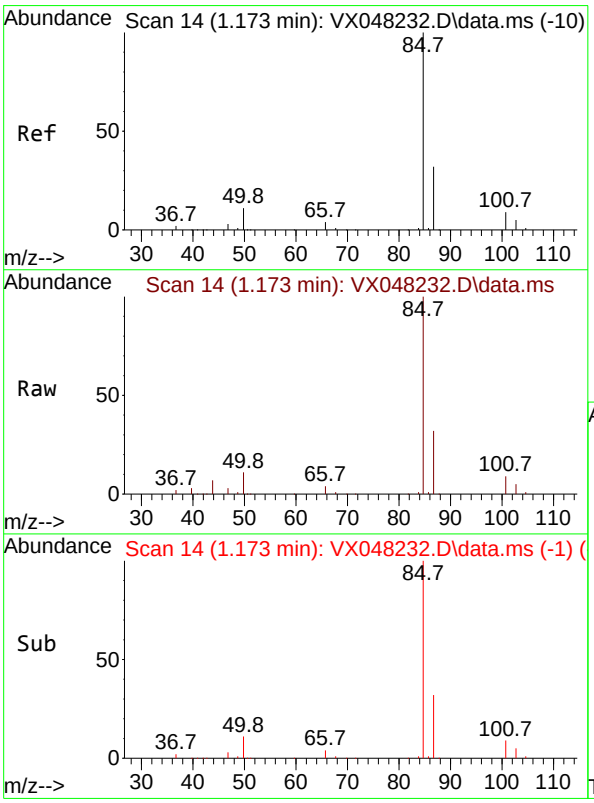
Ion	Ratio	Lower	Upper
168	100		
99	63.3	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

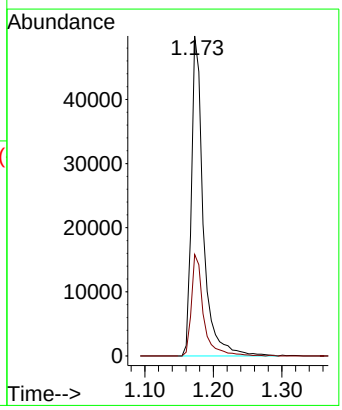
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

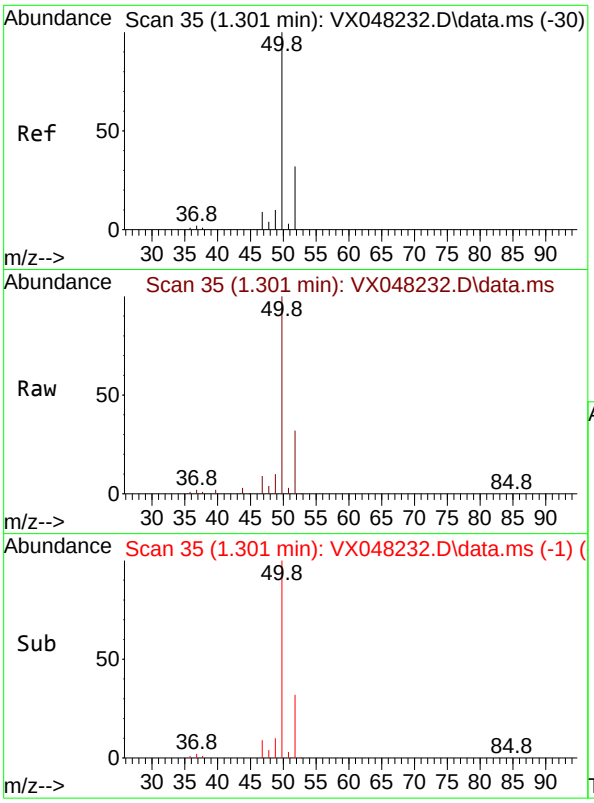


#2
Dichlorodifluoromethane
Concen: 46.052 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9

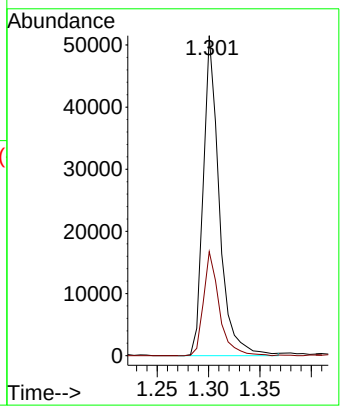




#3
Chloromethane
Concen: 35.336 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 50 Resp: 5593

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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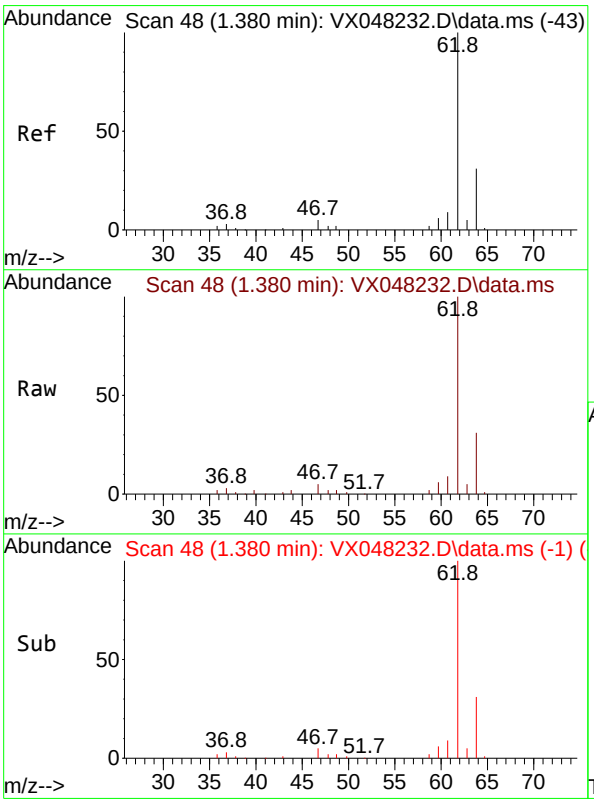
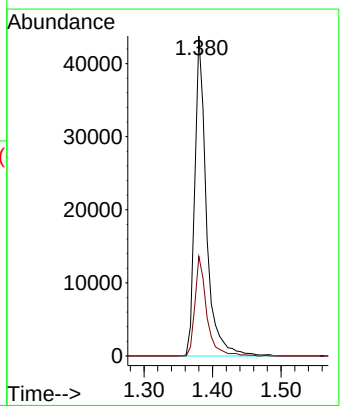
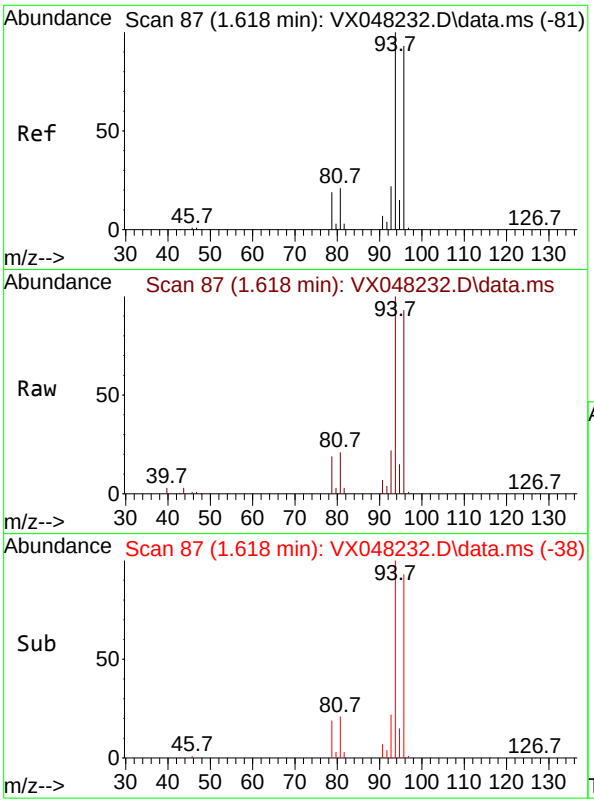


#4
Vinyl Chloride
Concen: 31.067 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.1	37.7

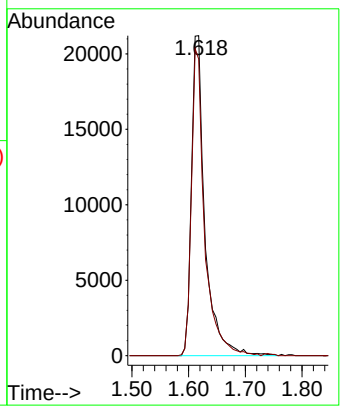




#5
Bromomethane
Concen: 31.646 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 94 Resp: 3510

Ion	Ratio	Lower	Upper
94	100		
96	92.7	76.0	114.0



Instrument :
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ClientSampleId :
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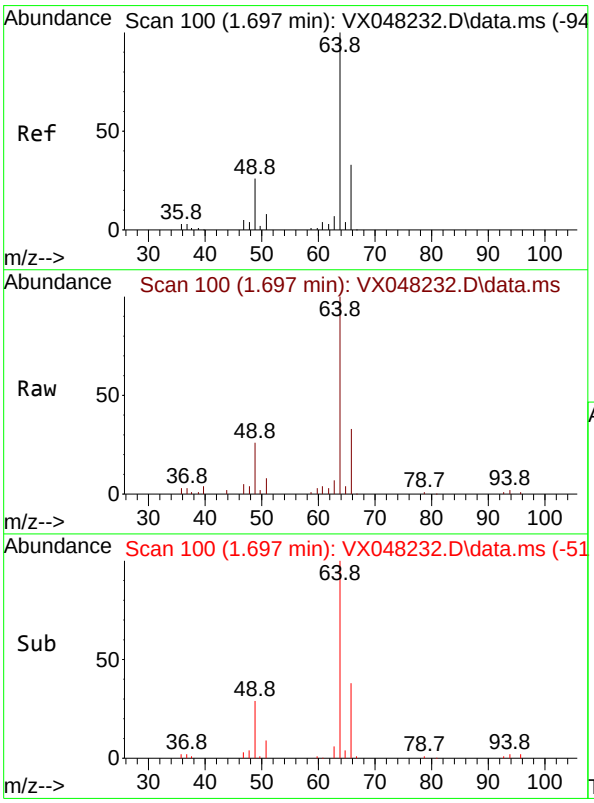
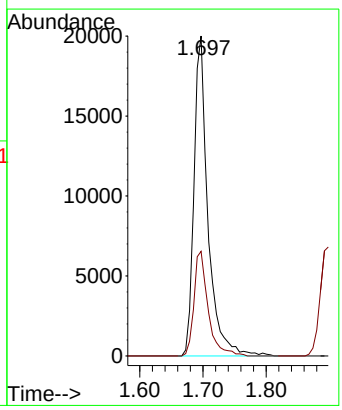
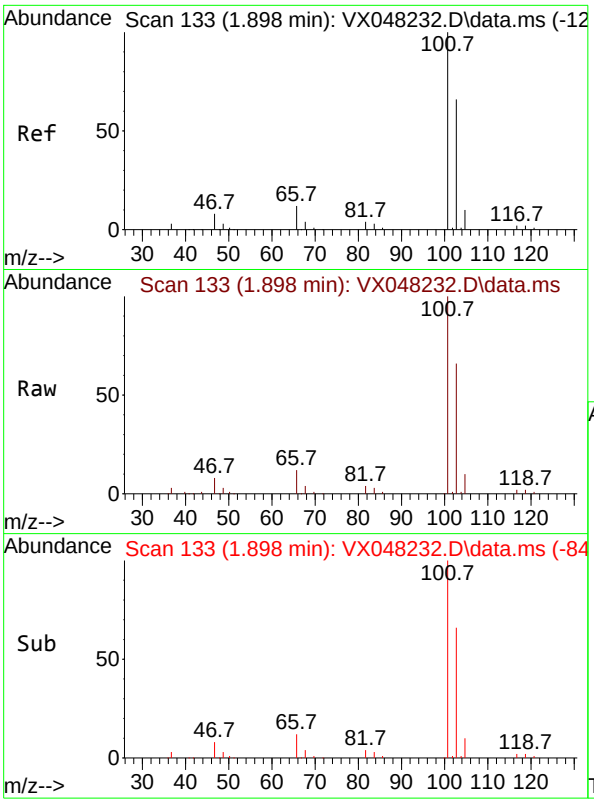


#6
Chloroethane
Concen: 28.940 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 64 Resp: 30718

Ion	Ratio	Lower	Upper
64	100		
66	32.7	23.9	35.9





#7
Trichlorofluoromethane
Concen: 38.358 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:101 Resp: 10042

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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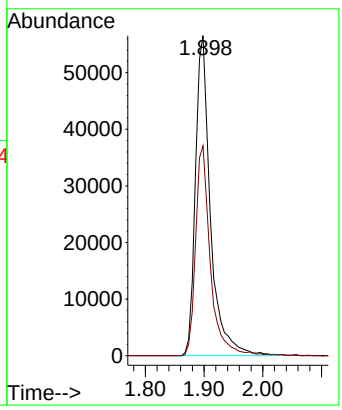
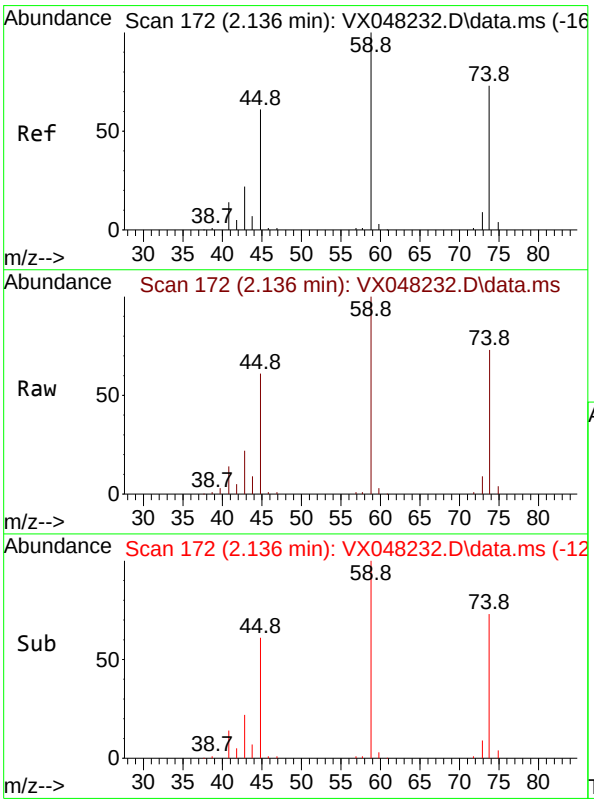
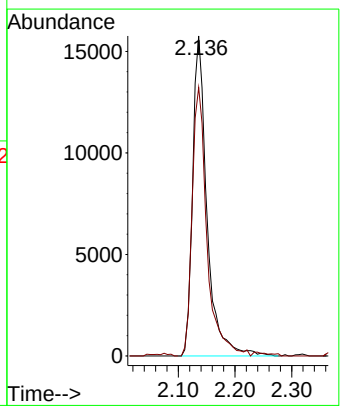


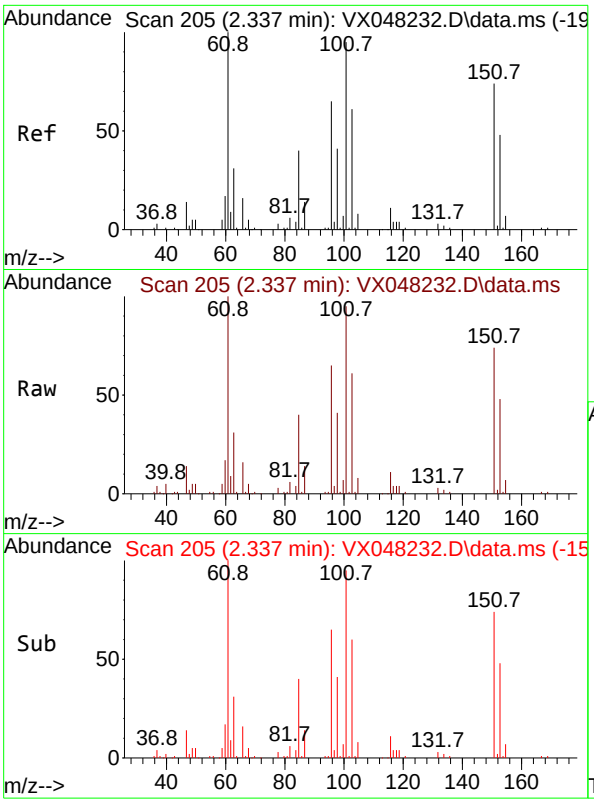


#8
Diethyl Ether
Concen: 31.044 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723

Ion	Ratio	Lower	Upper
74	100		
45	86.5	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.290 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:101 Resp: 6239

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.6	53.4
151	77.9	58.0	87.0

Instrument :
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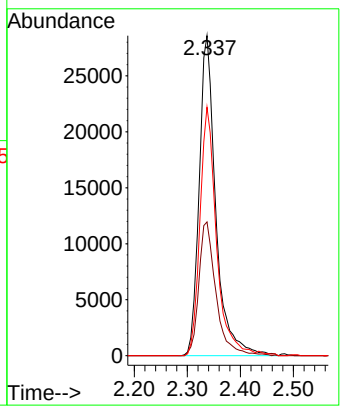
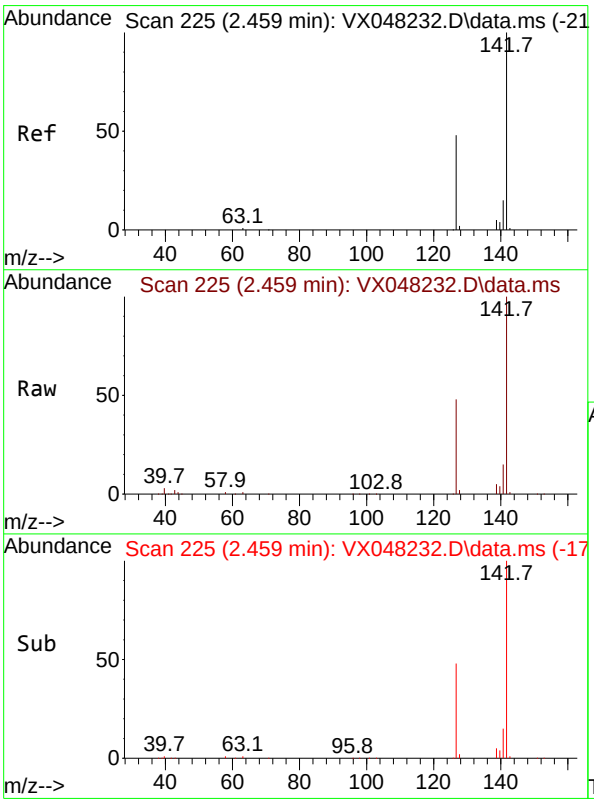
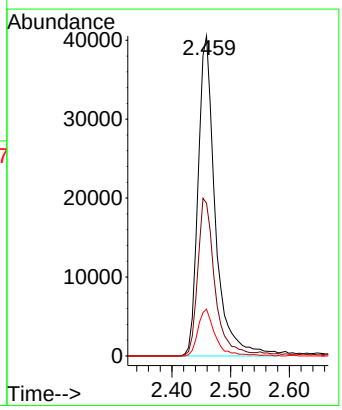


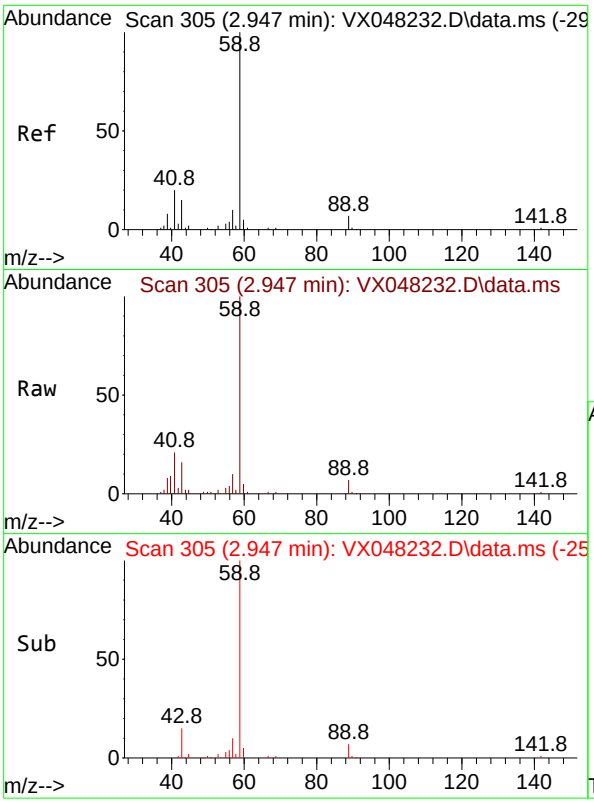


#10
Methyl Iodide
Concen: 46.716 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552

Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	14.7	11.6	17.4

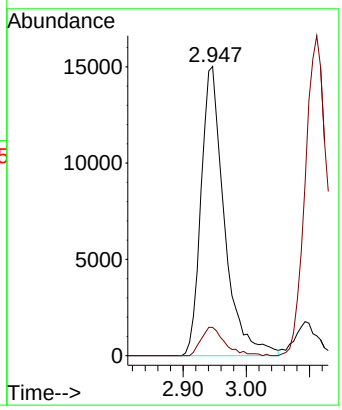




#11
Tert butyl alcohol
Concen: 301.123 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 59 Resp: 3853

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4



Instrument :
MSVOA_X
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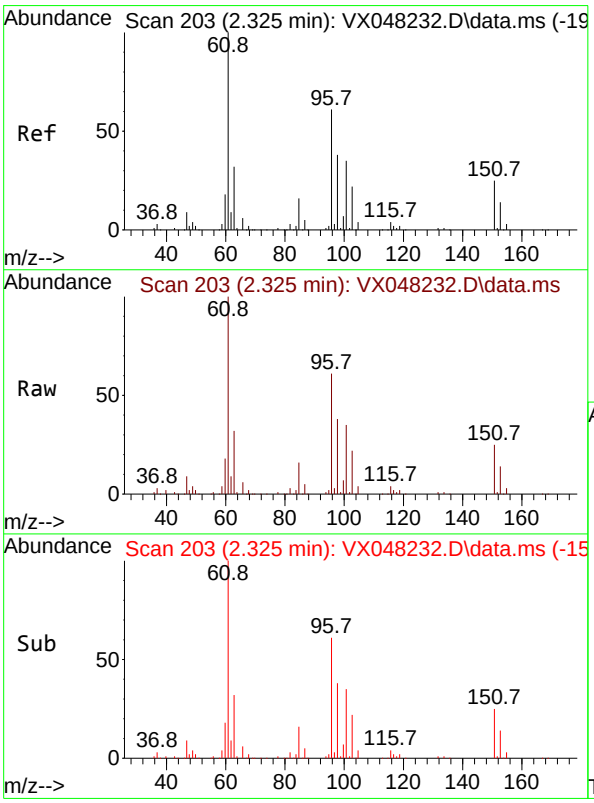
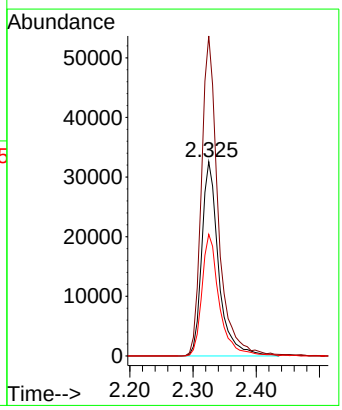
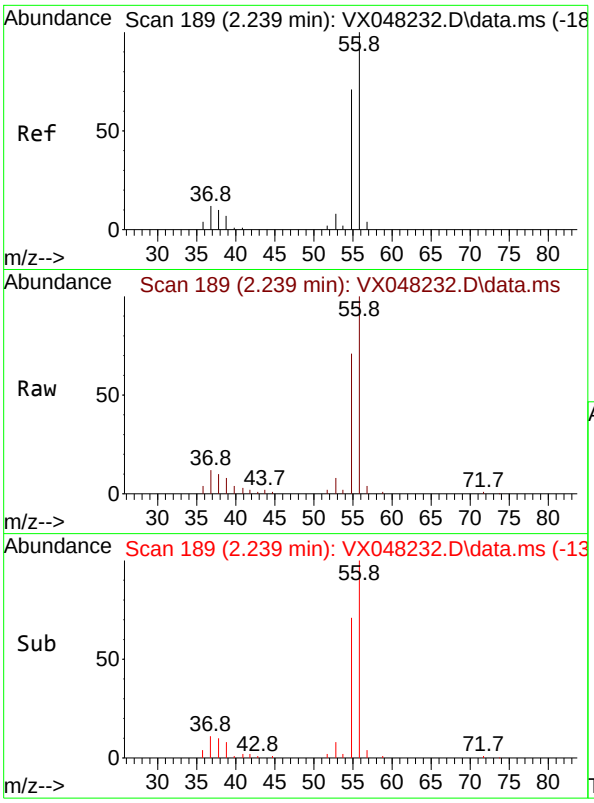


#12
1,1-Dichloroethene
Concen: 41.821 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 60330

Ion	Ratio	Lower	Upper
96	100		
61	164.7	139.0	208.6
98	62.6	52.4	78.6

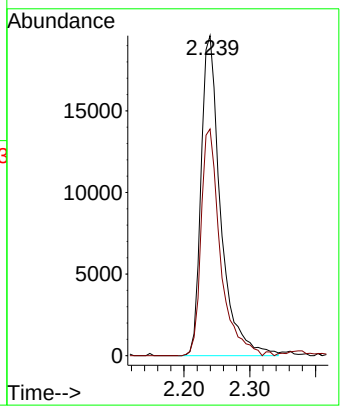




#13
Acrolein
Concen: 150.726 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 56 Resp: 4053

Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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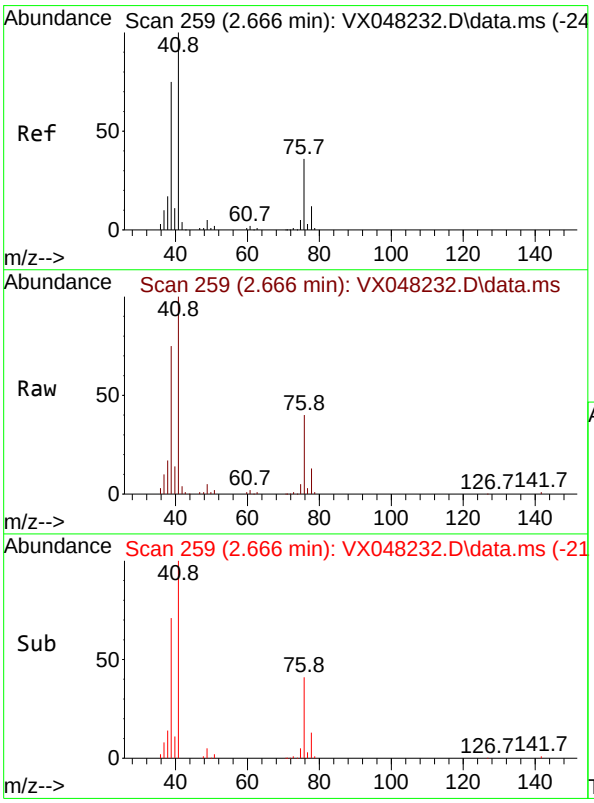
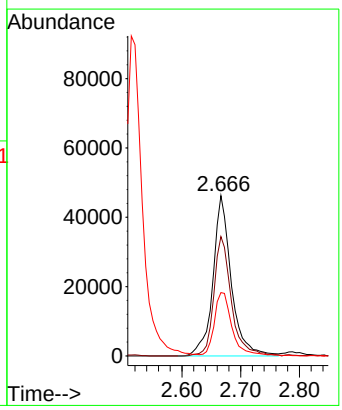
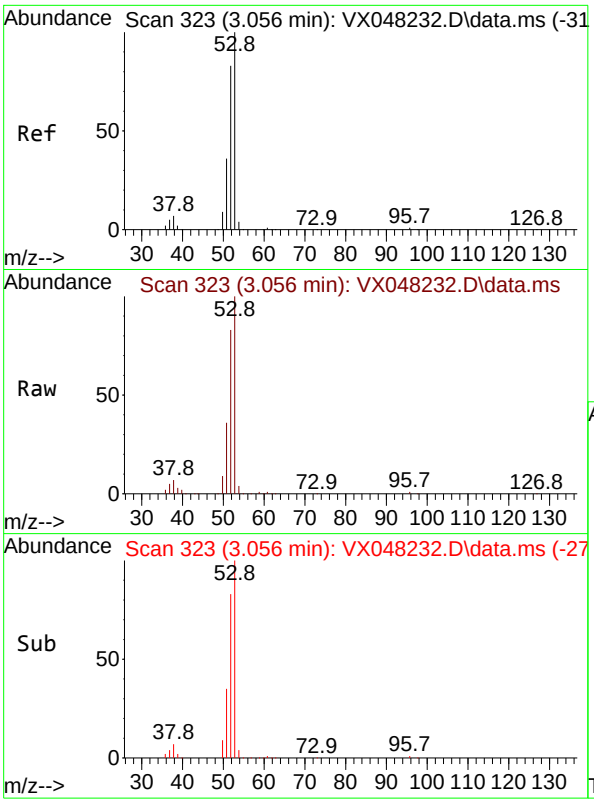


#14
Allyl chloride
Concen: 38.627 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 100234

Ion	Ratio	Lower	Upper
41	100		
39	71.0	56.0	84.0
76	38.6	27.5	41.3

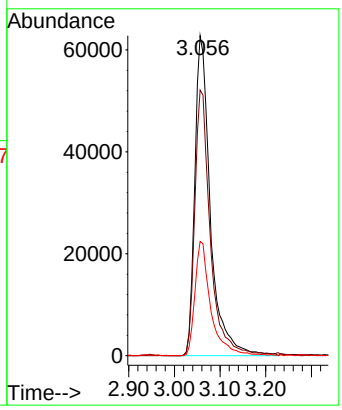




#15
Acrylonitrile
Concen: 243.004 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 53 Resp: 14900

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.1	99.1
51	36.6	29.0	43.4



Instrument :
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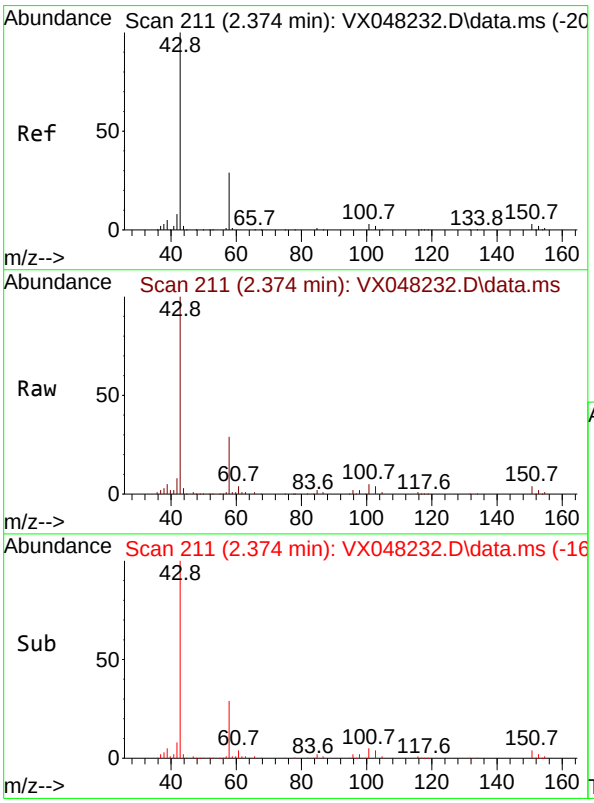
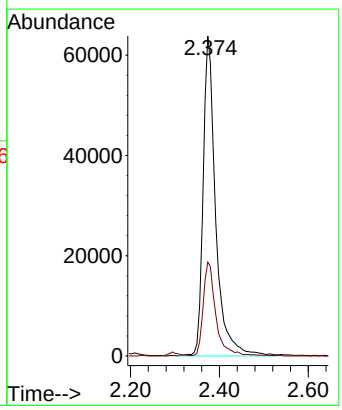
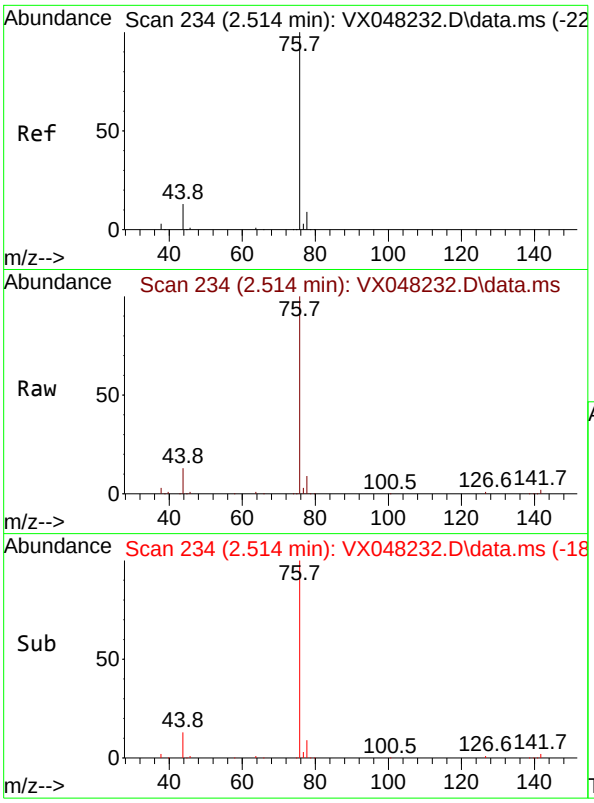


#16
Acetone
Concen: 191.520 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.2





#17
Carbon Disulfide
Concen: 40.440 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 76 Resp: 17949

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

Instrument :
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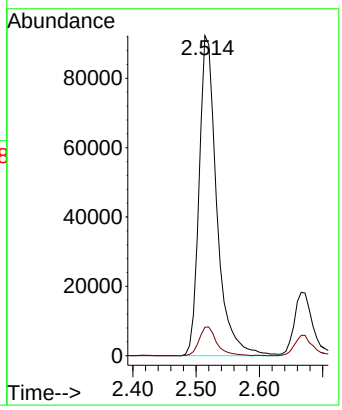
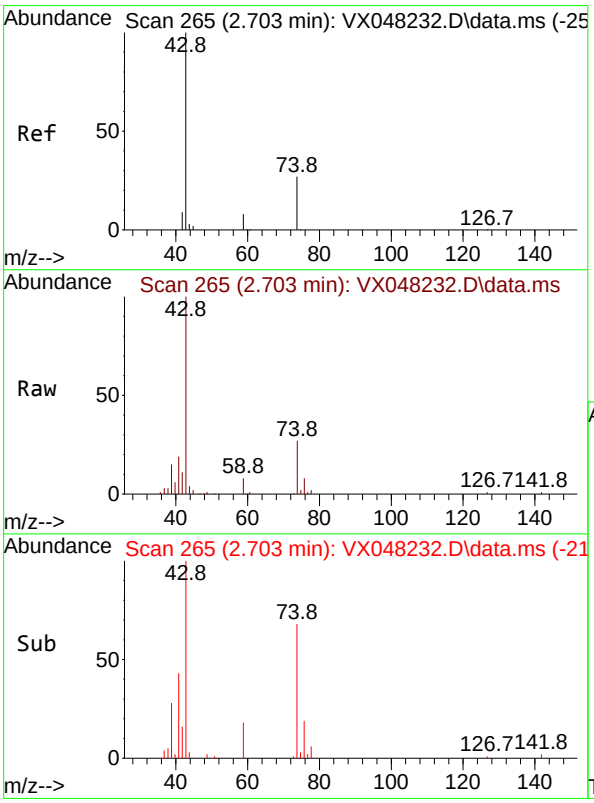
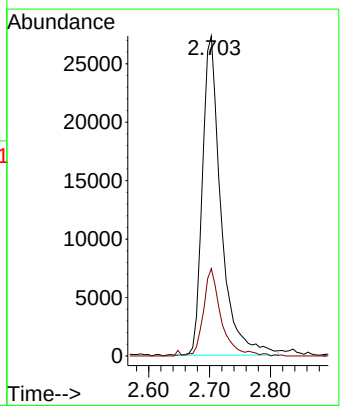


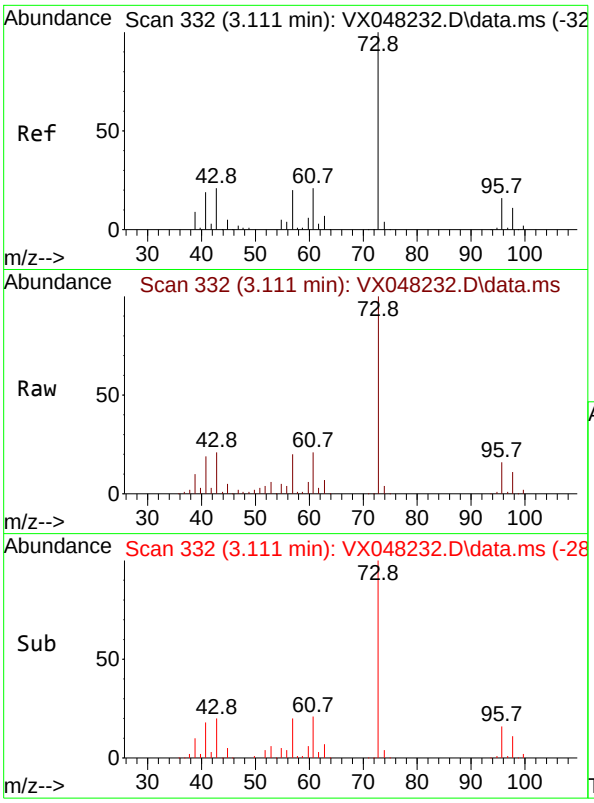


#18
Methyl Acetate
Concen: 43.336 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 58071

Ion	Ratio	Lower	Upper
43	100		
74	26.0	17.5	26.3

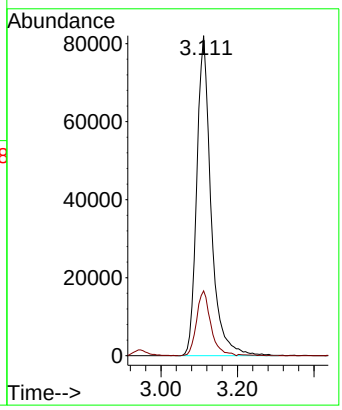




#19
Methyl tert-butyl Ether
Concen: 48.809 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 73 Resp: 21209

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5



Instrument :
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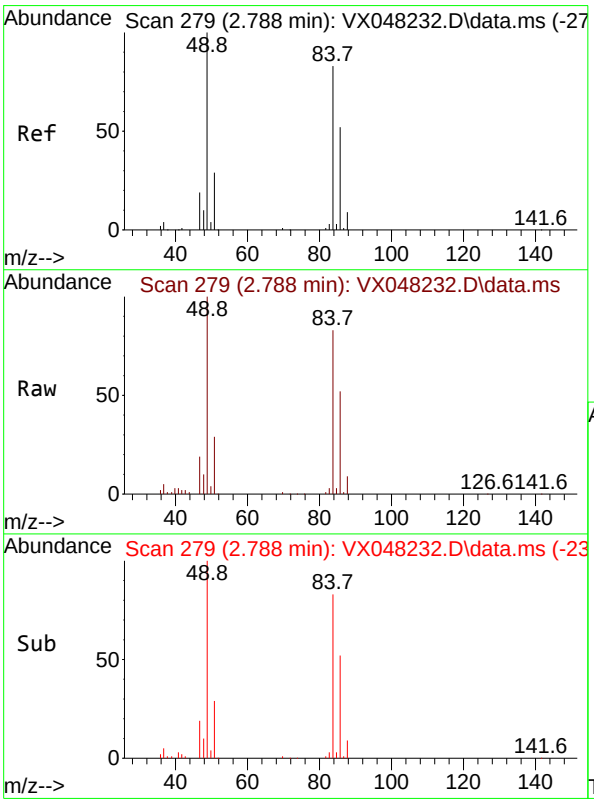
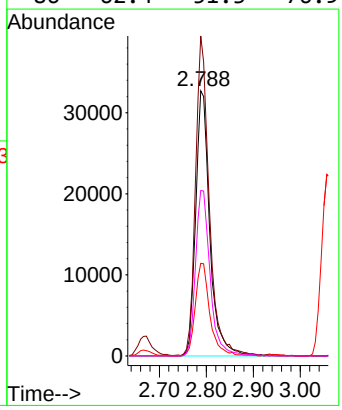
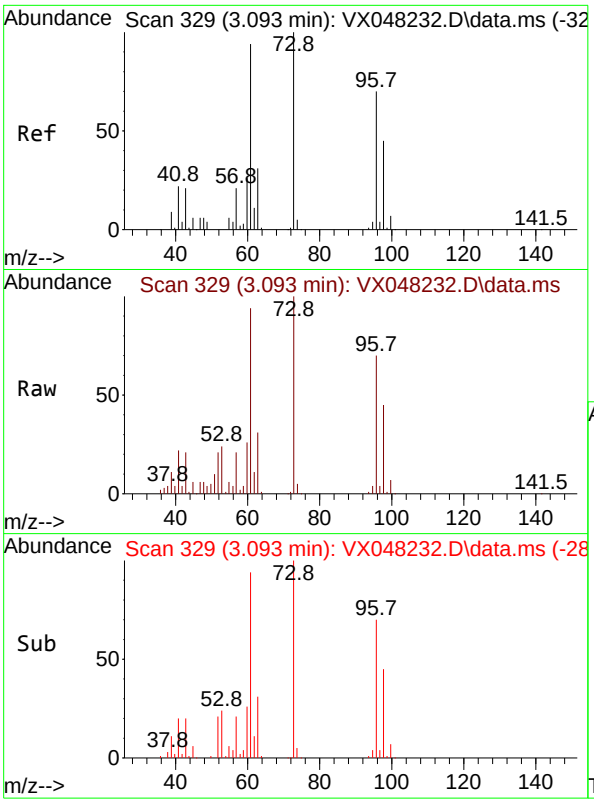


#20
Methylene Chloride
Concen: 42.841 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663

Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.1	156.1
51	35.0	31.3	46.9
86	62.4	51.3	76.9

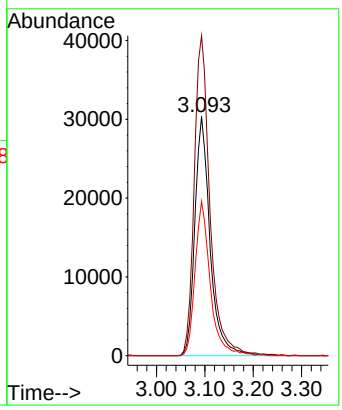




#21
trans-1,2-Dichloroethene
Concen: 44.631 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 6660

Ion	Ratio	Lower	Upper
96	100		
61	133.8	111.9	167.9
98	64.5	51.2	76.8



Instrument :
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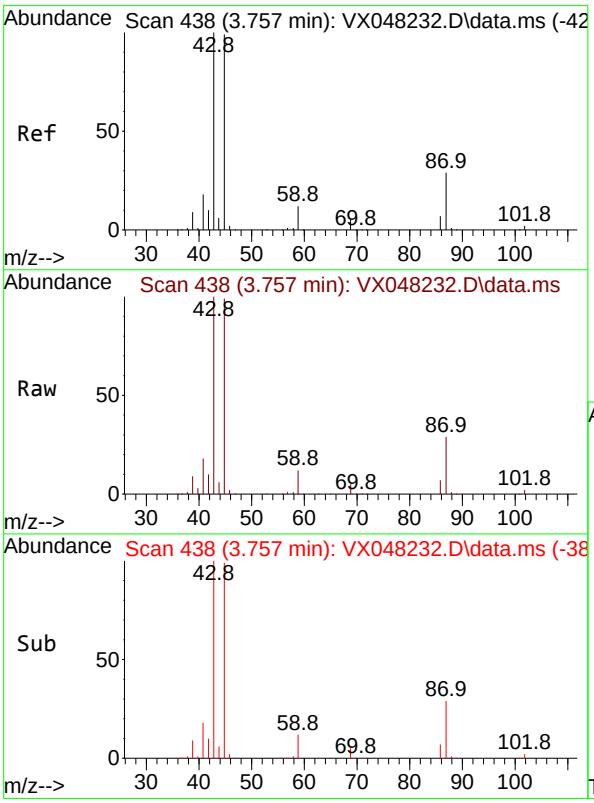
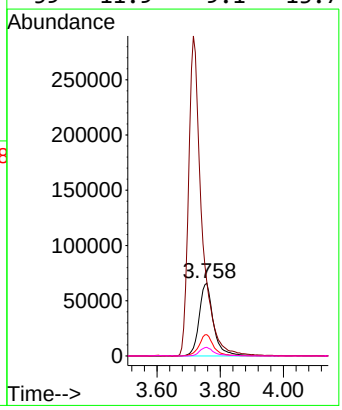
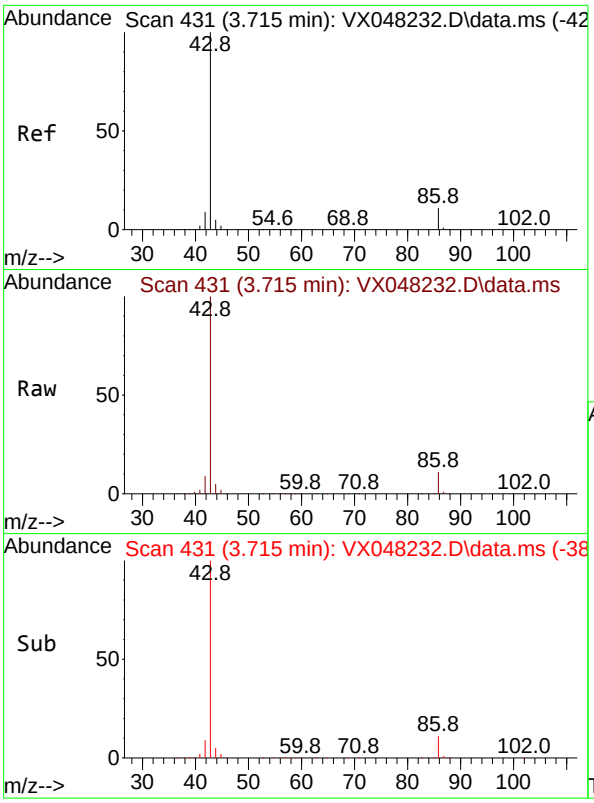


#22
Diisopropyl ether
Concen: 40.720 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901

Ion	Ratio	Lower	Upper
45	100		
43	101.1	89.8	134.8
87	29.3	20.6	31.0
59	11.9	9.1	13.7





#23
Vinyl Acetate
Concen: 220.927 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 83937

Ion	Ratio	Lower	Upper
43	100		
86	11.0	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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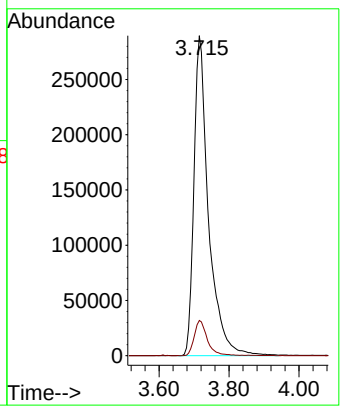
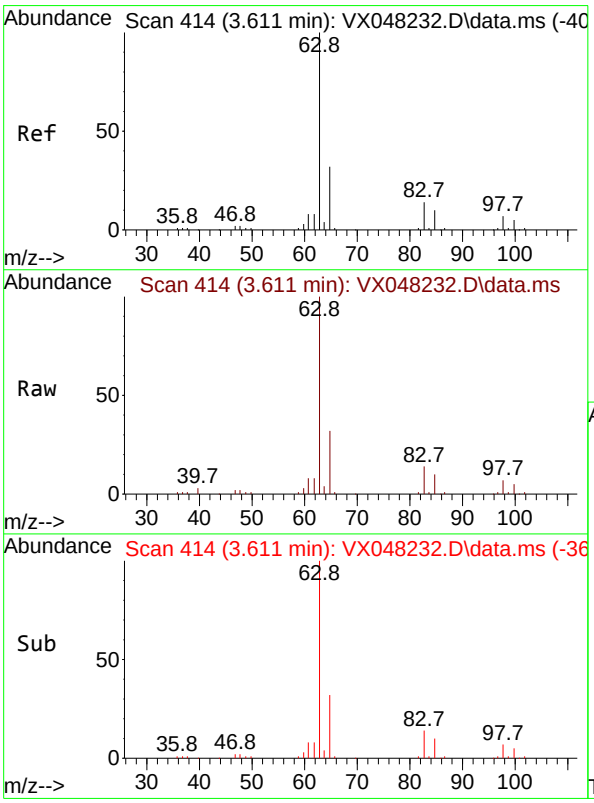
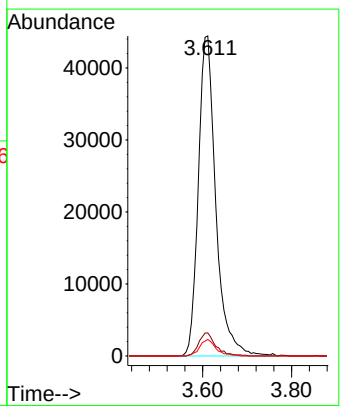


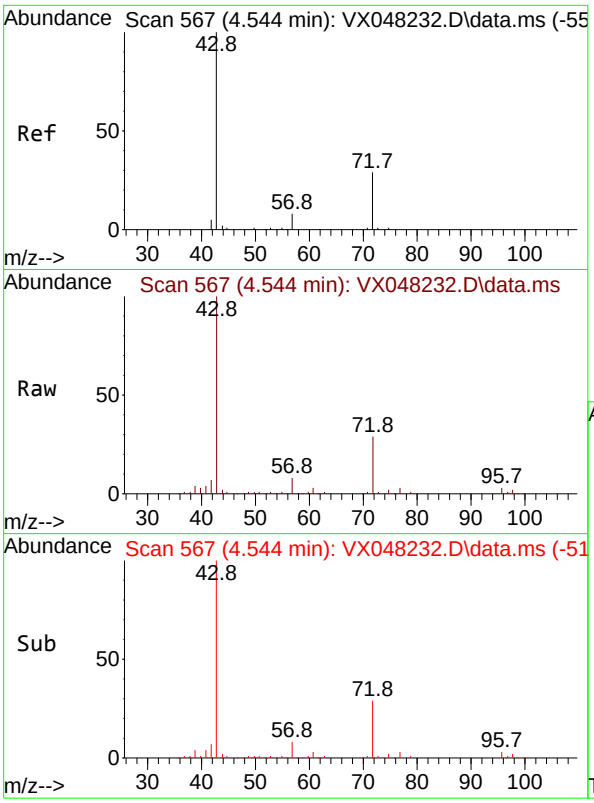


#24
1,1-Dichloroethane
Concen: 42.204 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.5	10.6
100	5.1	2.1	6.3





#25
2-Butanone
Concen: 228.411 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 17507

Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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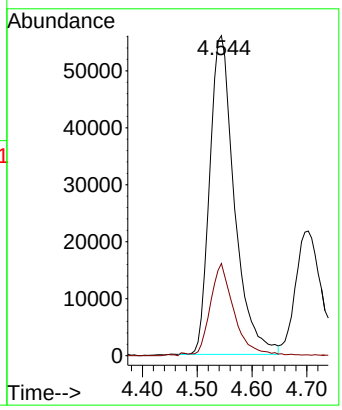
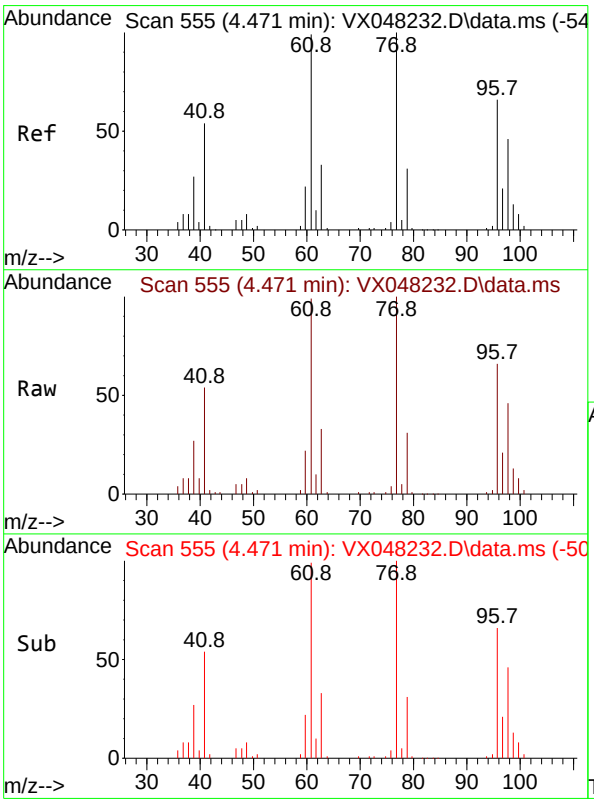
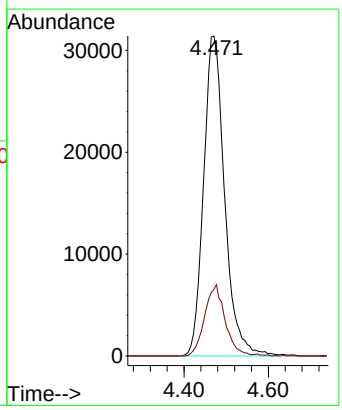


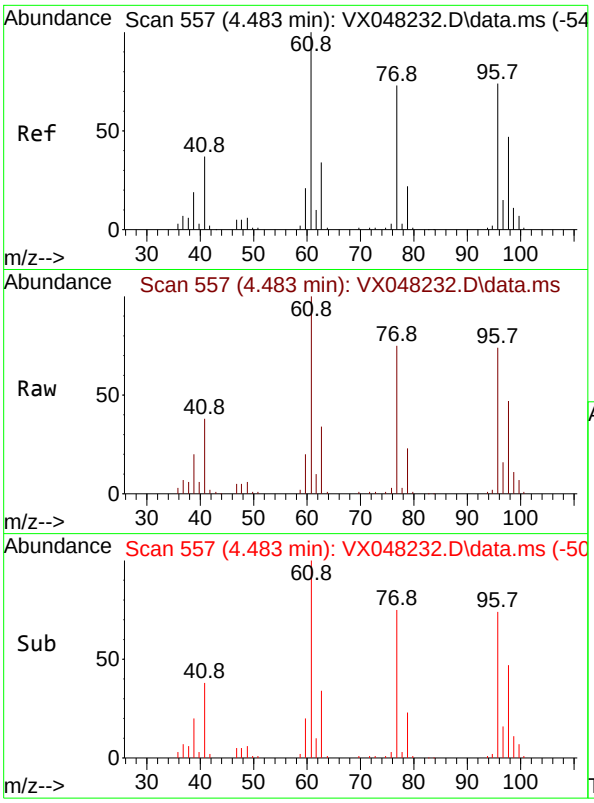


#26
2,2-Dichloropropane
Concen: 44.264 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062

Ion	Ratio	Lower	Upper
77	100		
97	21.5	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 43.988 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 7791

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	64.9	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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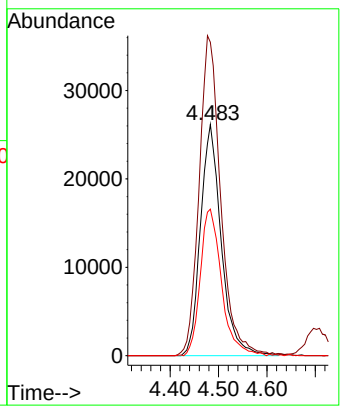
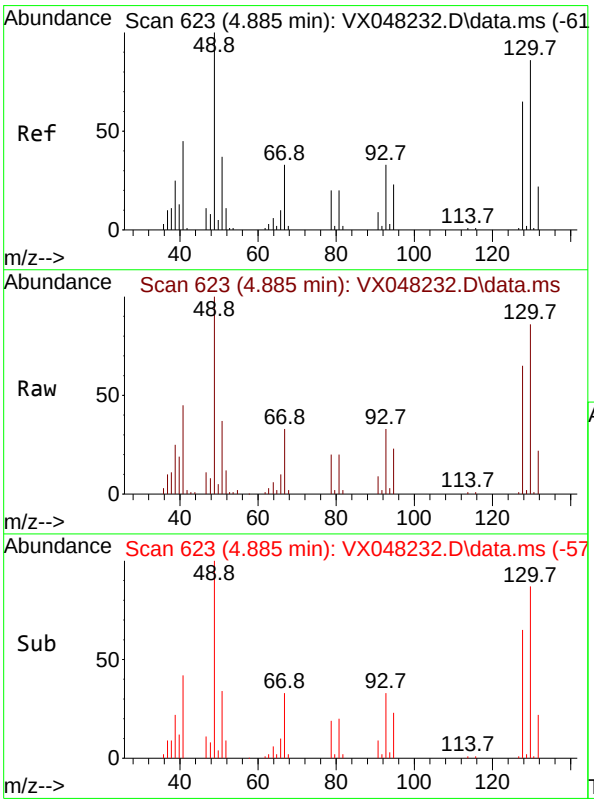
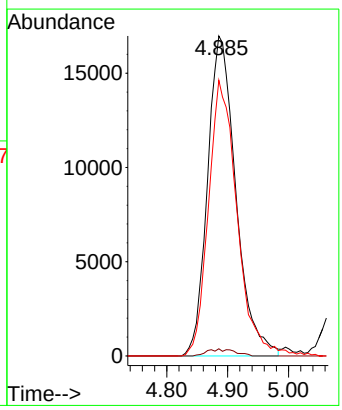


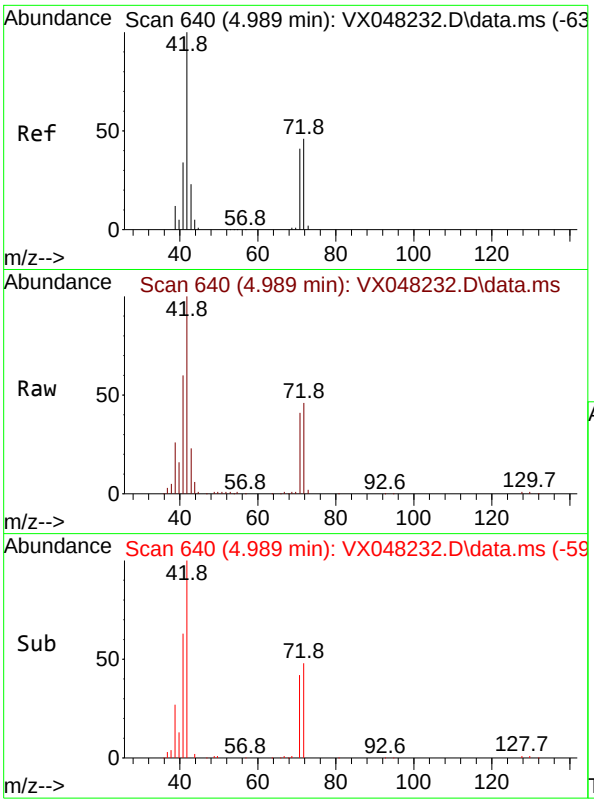


#28
Bromochloromethane
Concen: 41.331 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 49 Resp: 54919

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	86.9	59.3	88.9





#29
Tetrahydrofuran
Concen: 236.335 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 42 Resp: 10638

Ion	Ratio	Lower	Upper
42	100		
72	49.2	35.3	52.9
71	44.3	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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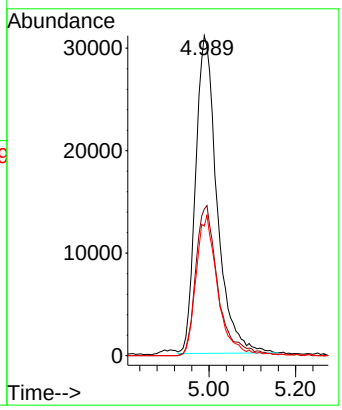
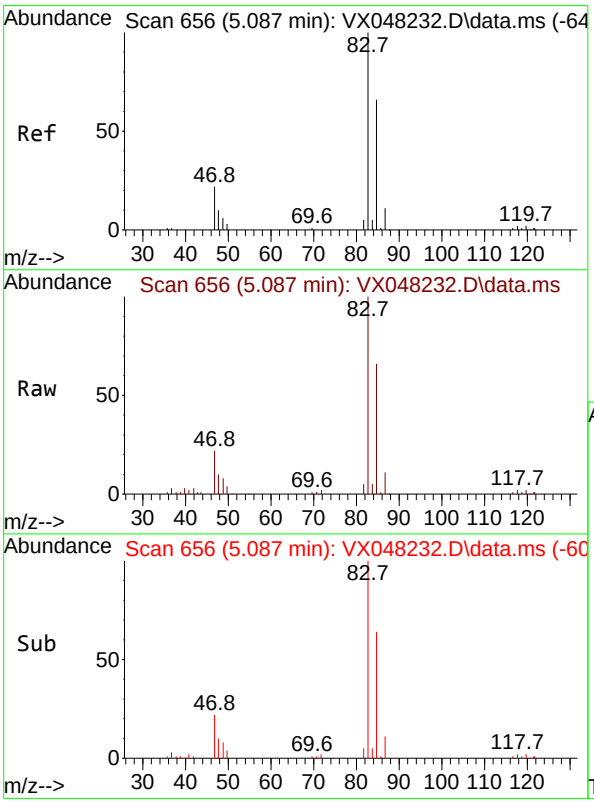
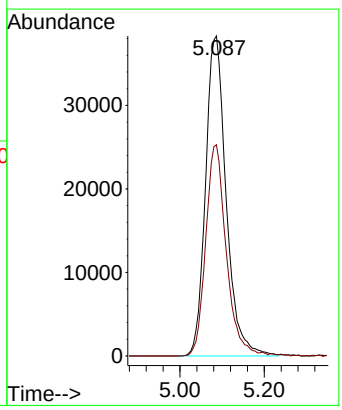


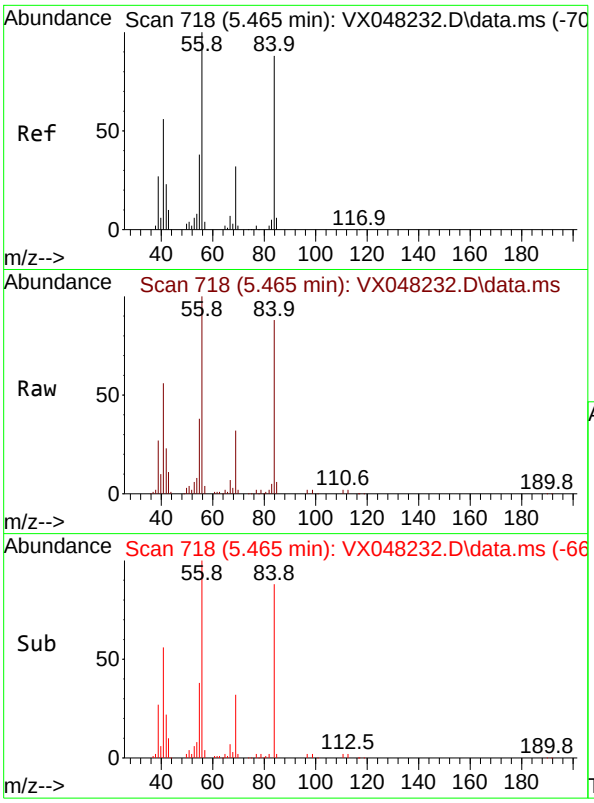


#30
Chloroform
Concen: 42.925 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 130274

Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.1	75.1

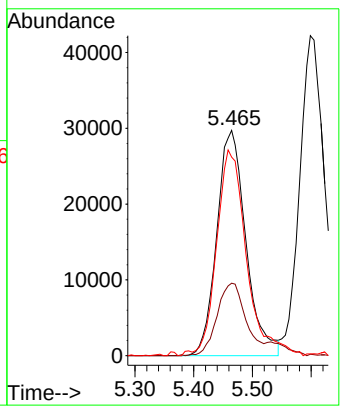




#31
Cyclohexane
Concen: 43.351 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 56 Resp: 10225

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.0	34.6
84	87.9	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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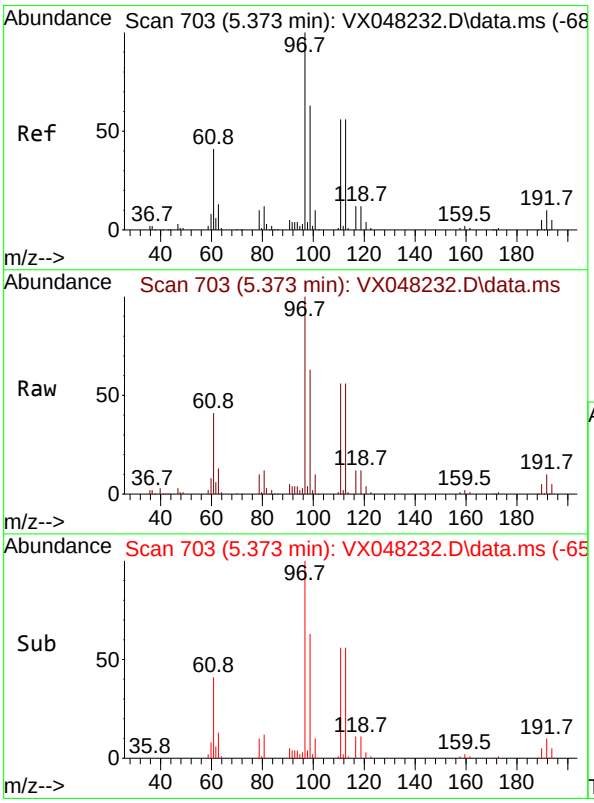
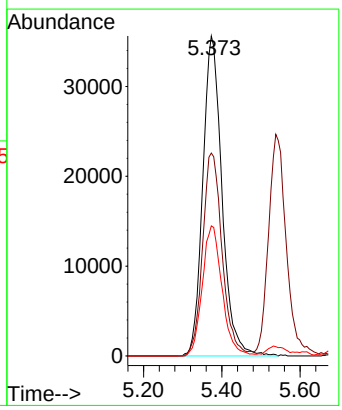
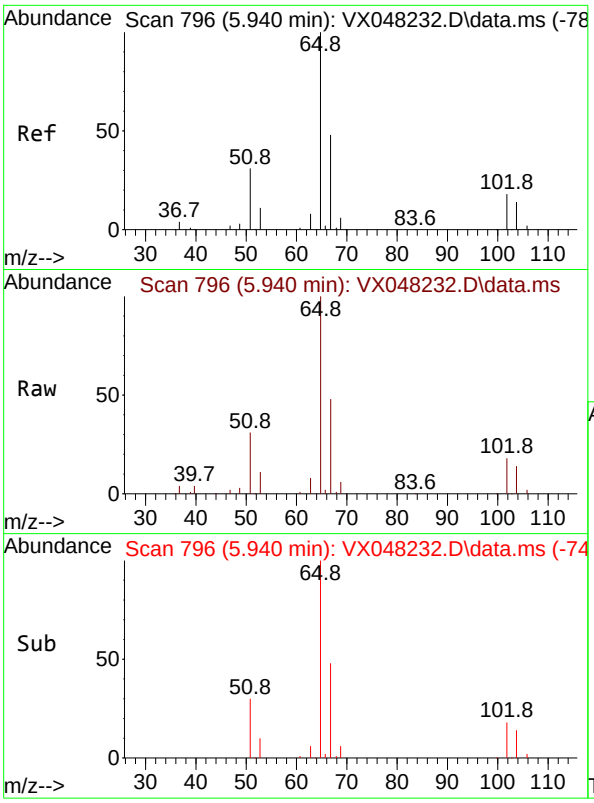


#32
1,1,1-Trichloroethane
Concen: 48.560 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	41.8	34.8	52.2

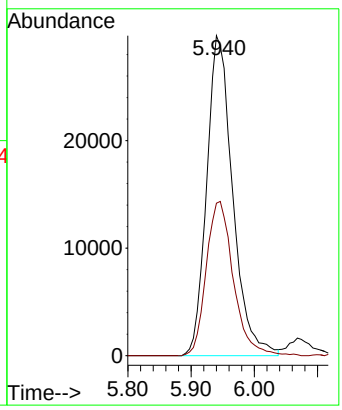




#33
1,2-Dichloroethane-d4
Concen: 44.048 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 65 Resp: 8495

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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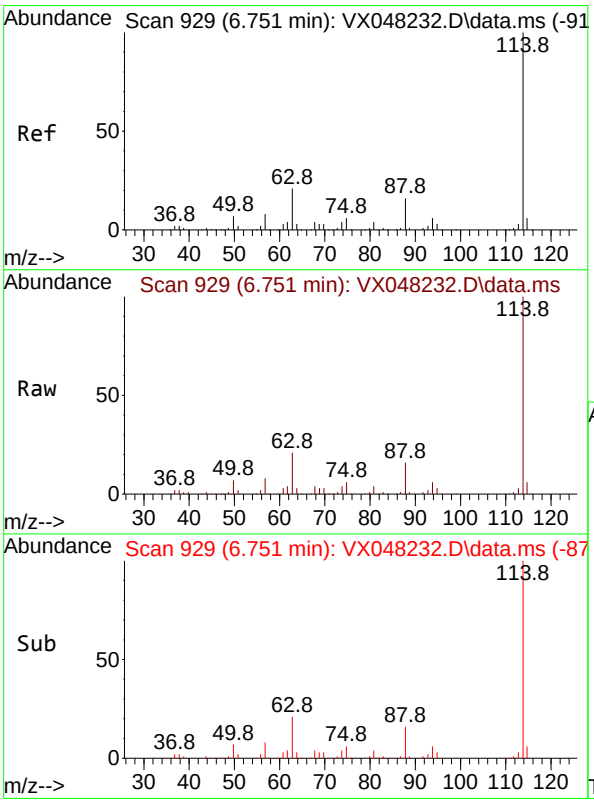
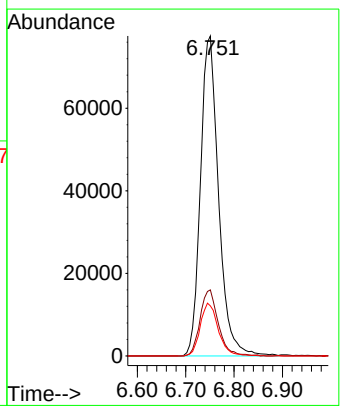
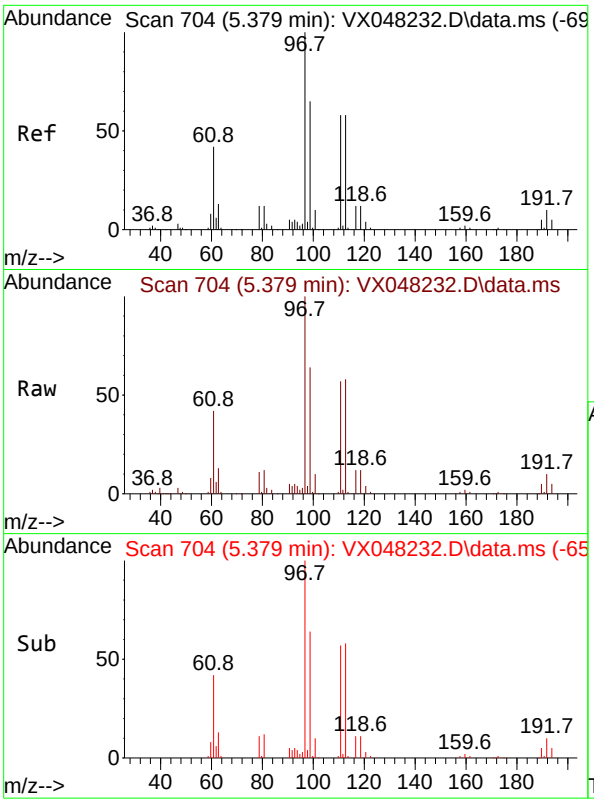


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:114 Resp: 201906

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.7	0.0	33.6

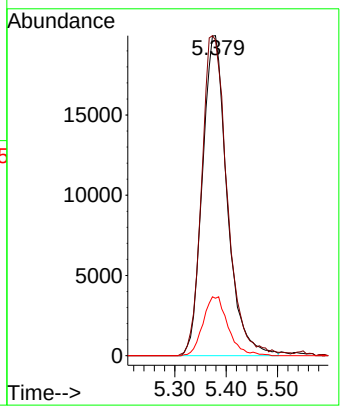




#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:113 Resp: 6659

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	18.7	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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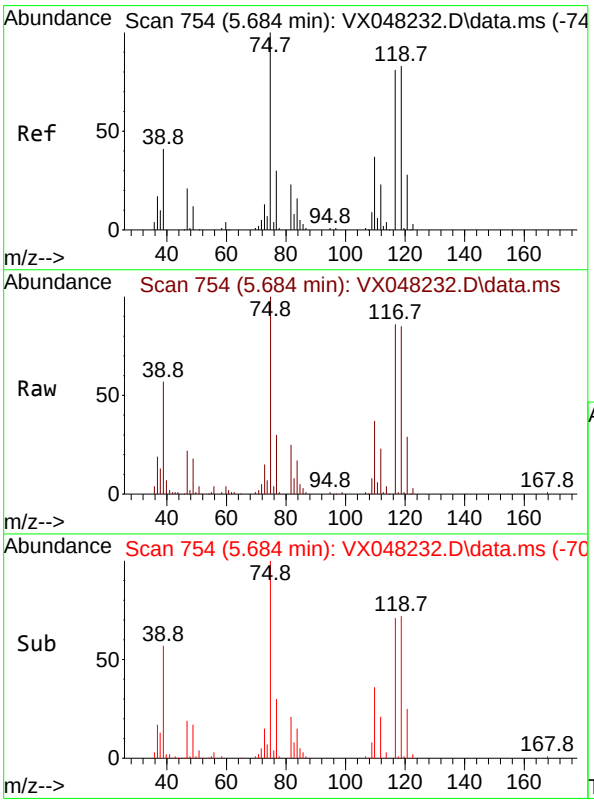
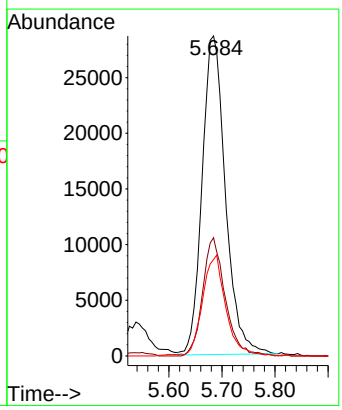
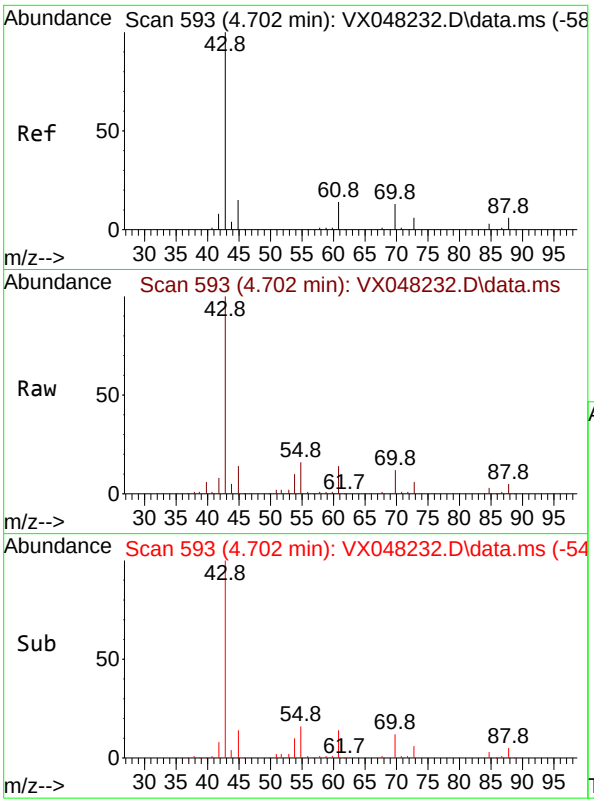


#36
1,1-Dichloropropene
Concen: 44.323 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 87493

Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.7	53.1
77	31.7	24.3	36.5

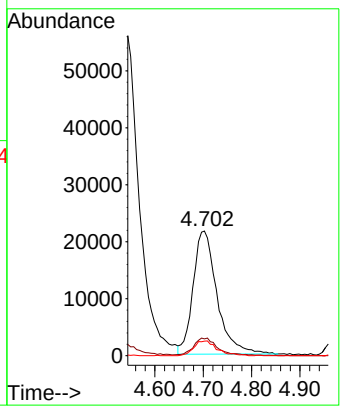




#37
Ethyl Acetate
Concen: 47.073 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 7426

Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	11.6	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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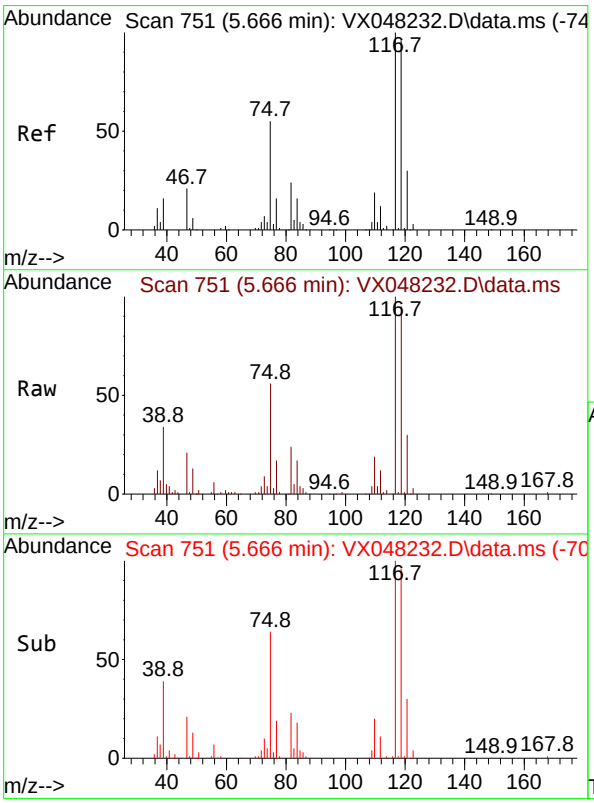
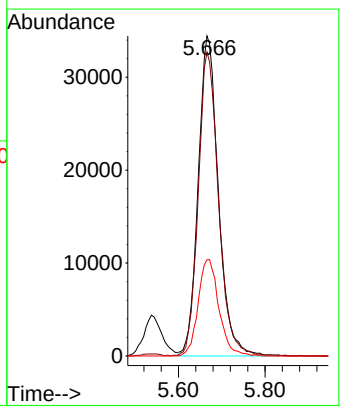
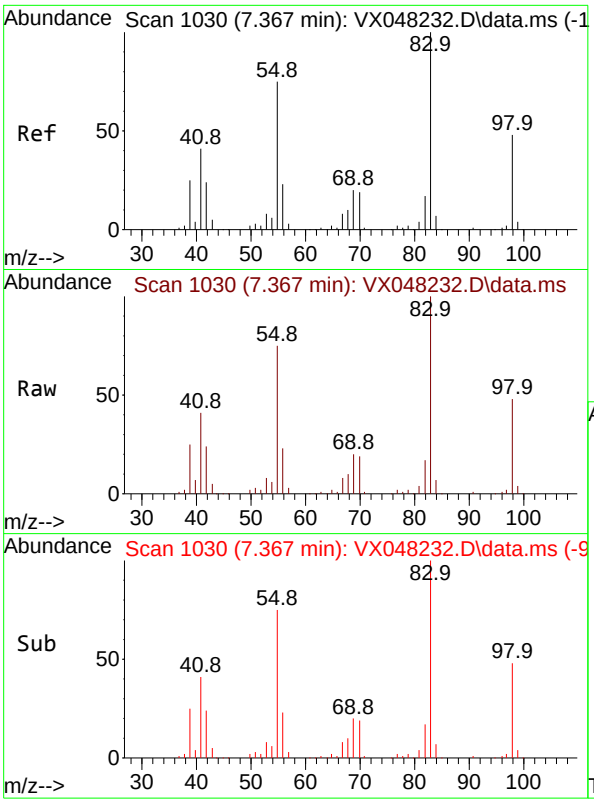


#38
Carbon Tetrachloride
Concen: 49.302 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 111708

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	30.1	24.8	37.2

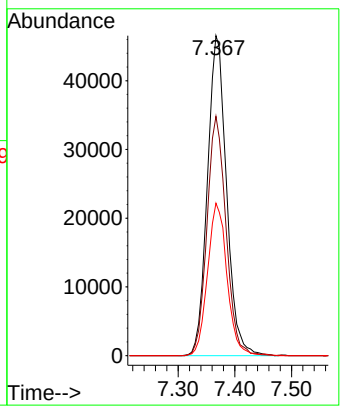




#39
Methylcyclohexane
Concen: 49.008 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 10907

Ion	Ratio	Lower	Upper
83	100		
55	74.8	66.2	99.2
98	47.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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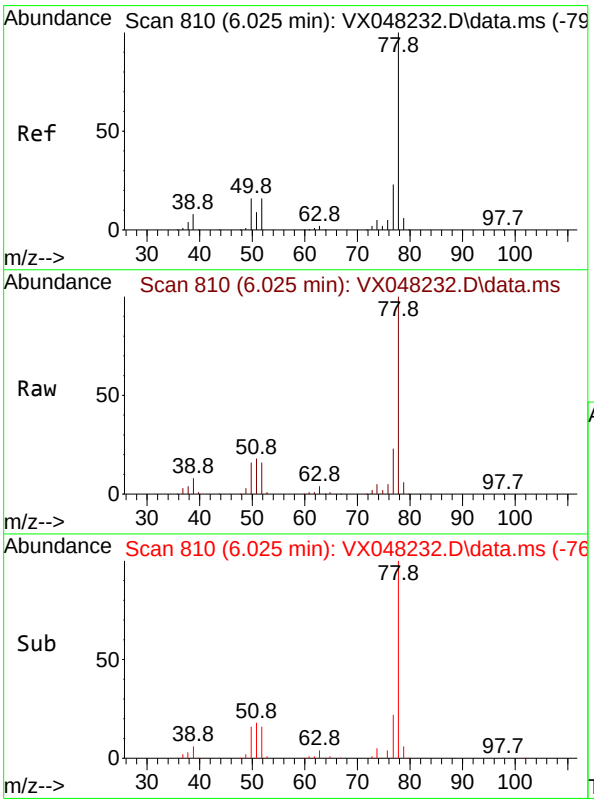
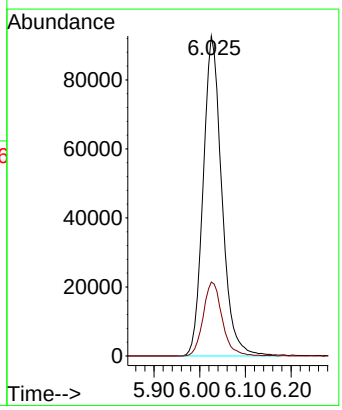
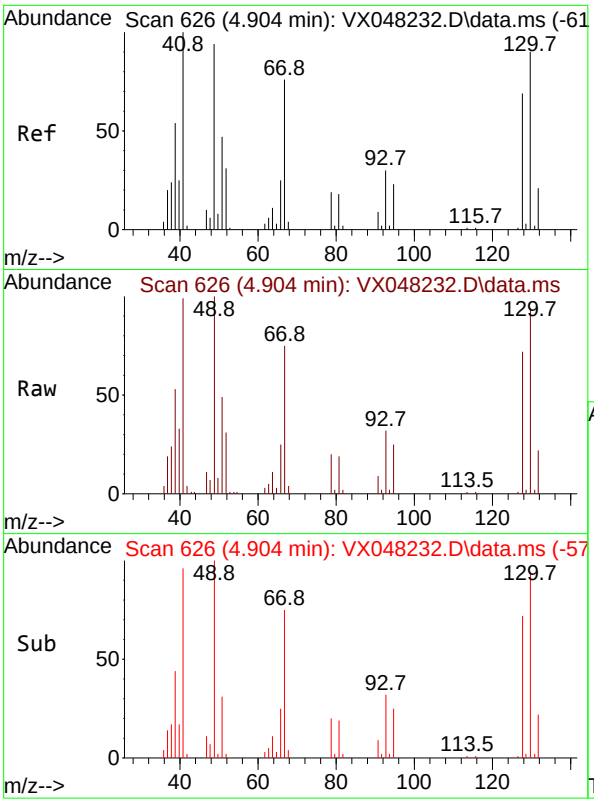


#40
Benzene
Concen: 44.825 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 78 Resp: 262745

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9

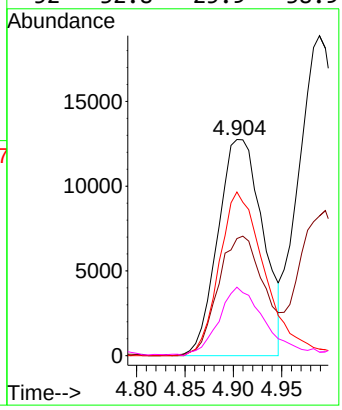




#41
Methacrylonitrile
Concen: 48.874 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 4129

Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	78.6	58.7	88.1
52	32.8	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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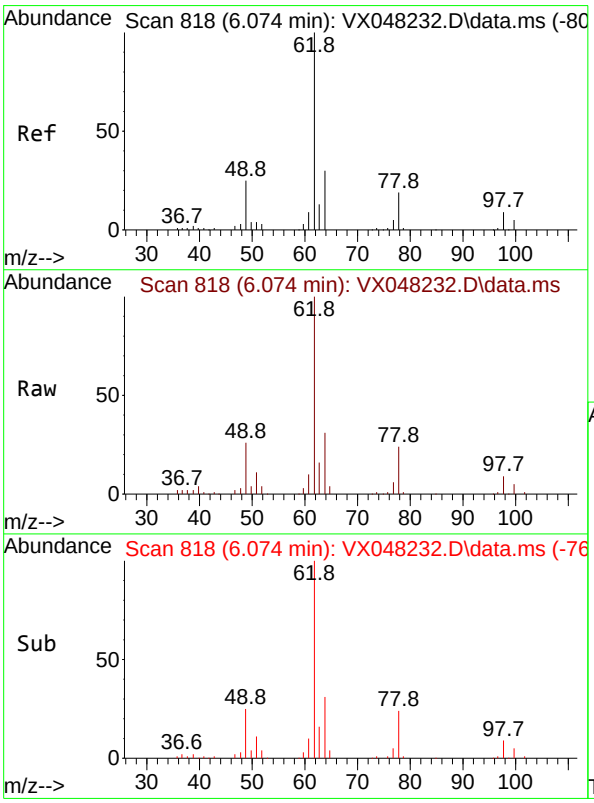
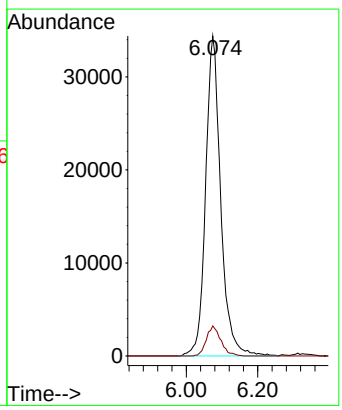
Supervised By :Semsettin Yesilyurt 10/21/2025

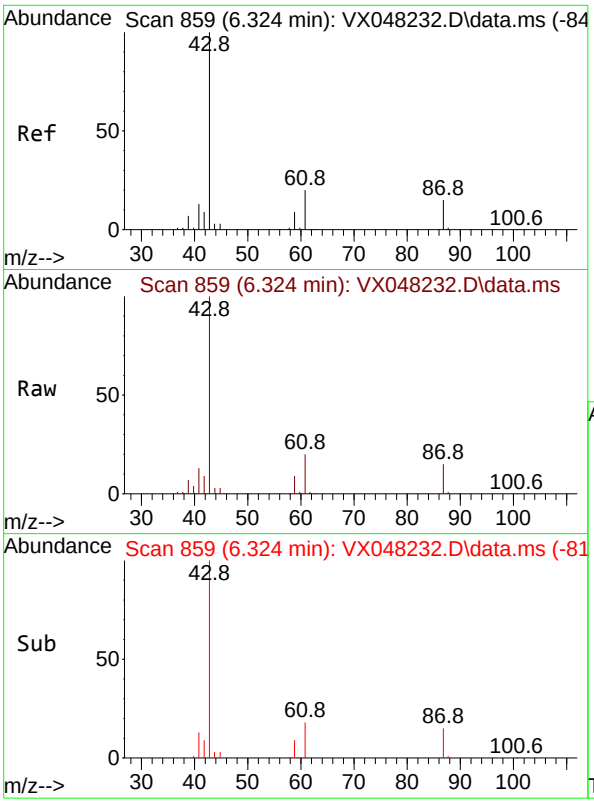


#42
1,2-Dichloroethane
Concen: 48.064 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 100937

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

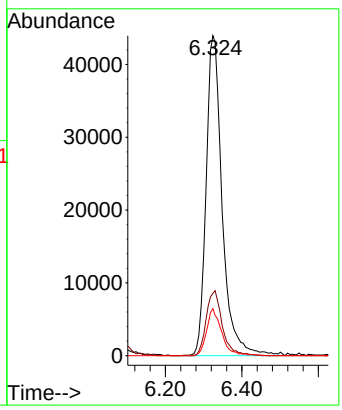




#43
Isopropyl Acetate
Concen: 48.444 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 12829

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.7	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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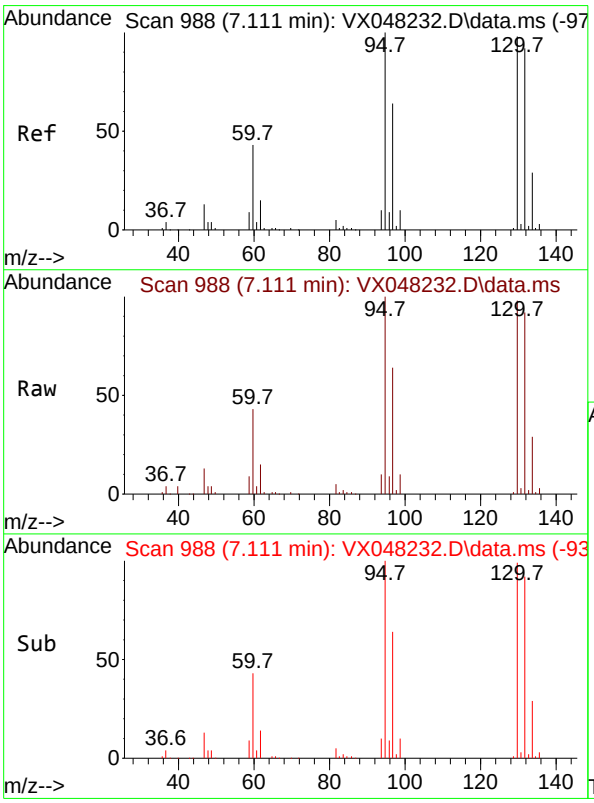
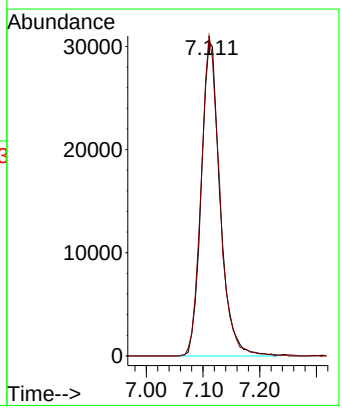
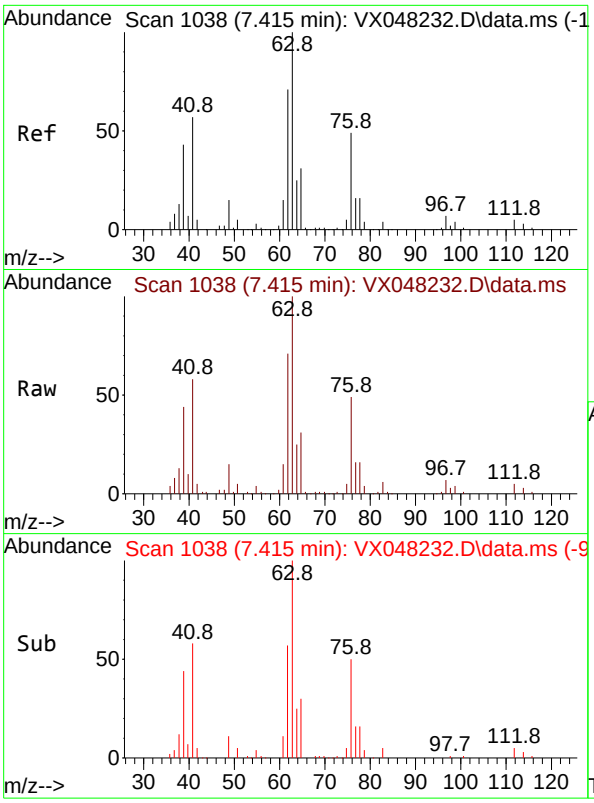


#44
Trichloroethene
Concen: 47.597 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	200.6

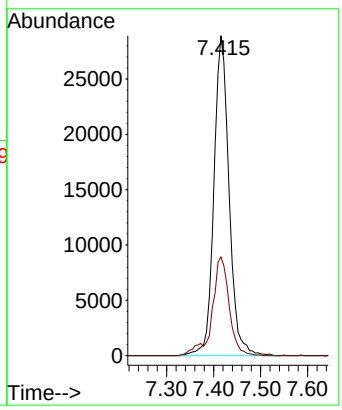




#45
1,2-Dichloropropane
Concen: 43.746 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 6489

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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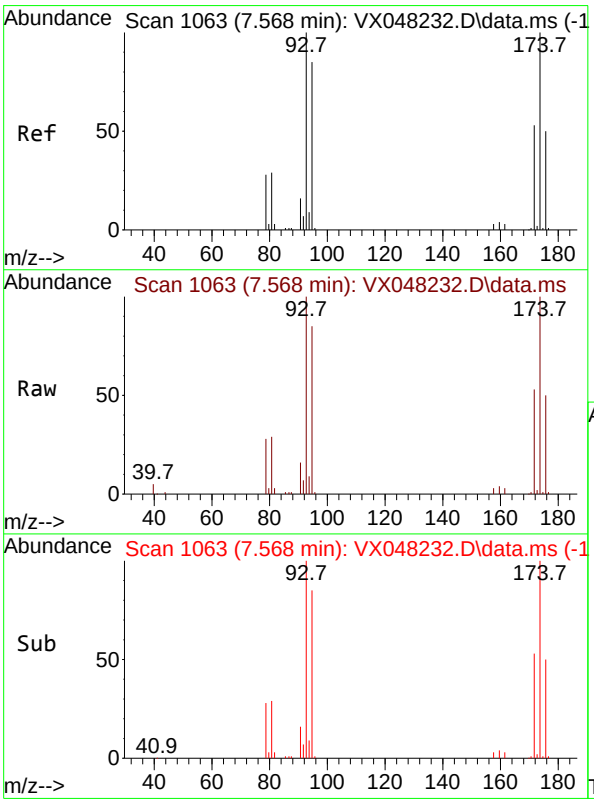
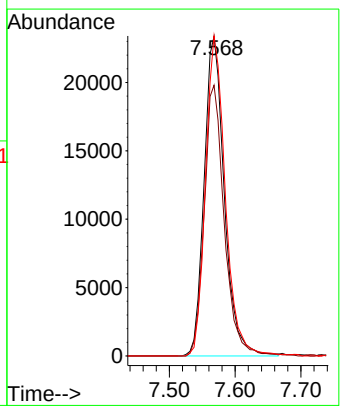
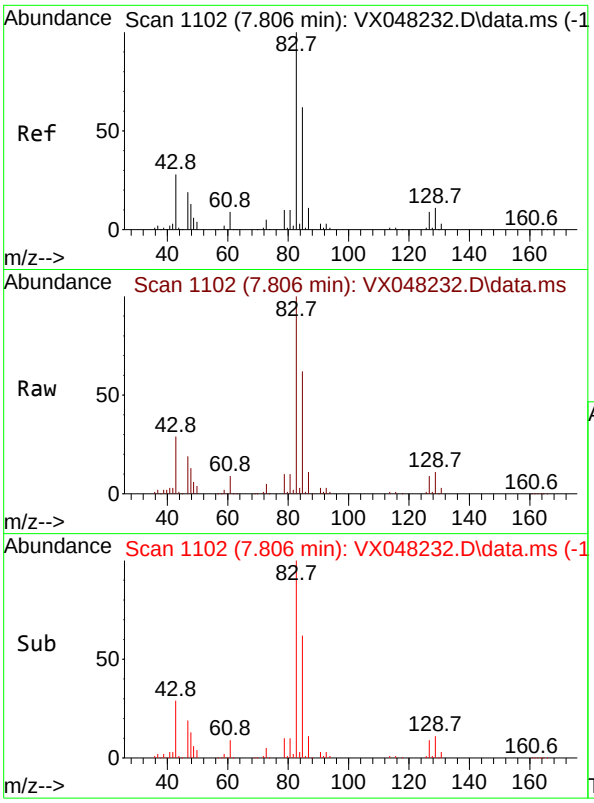


#46
Dibromomethane
Concen: 46.726 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 93 Resp: 49874

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.9	98.9
174	98.7	71.7	107.5

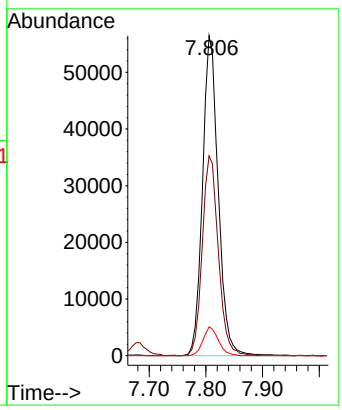




#47
Bromodichloromethane
Concen: 47.107 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 10867

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4
127	9.0	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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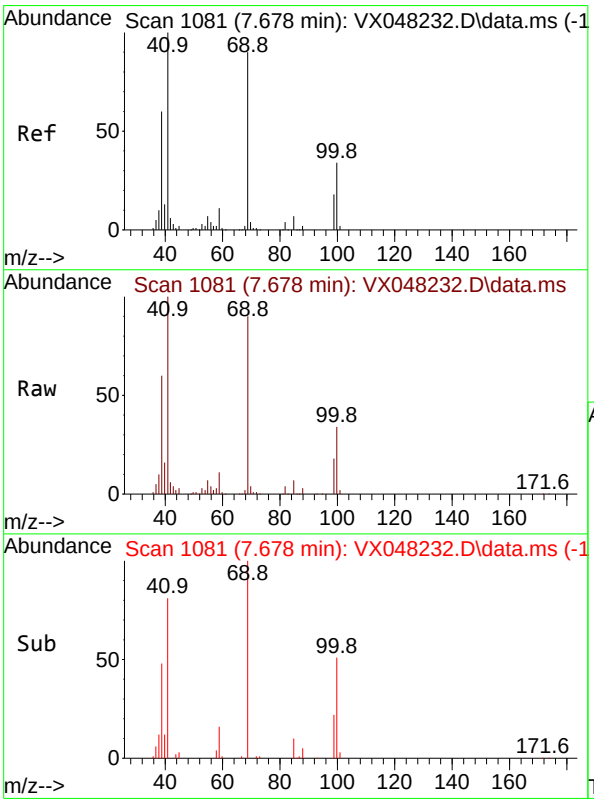
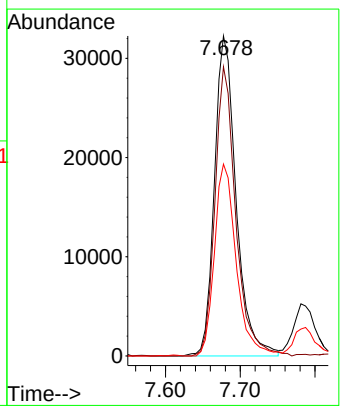
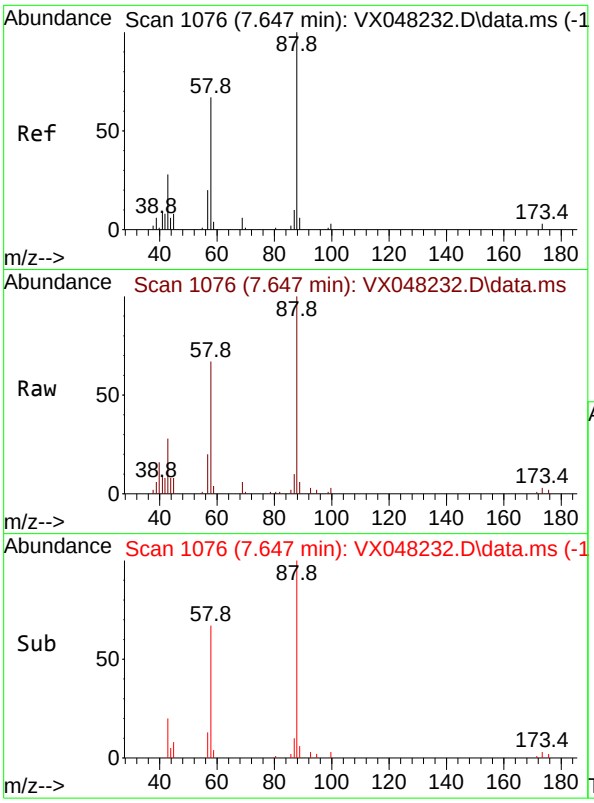


#48
Methyl methacrylate
Concen: 47.990 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057

Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	60.5	47.1	70.7





#49
1,4-Dioxane
Concen: 1467.288 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 88 Resp: 1790

Ion	Ratio	Lower	Upper
88	100		
43	37.1	35.0	52.4
58	69.5	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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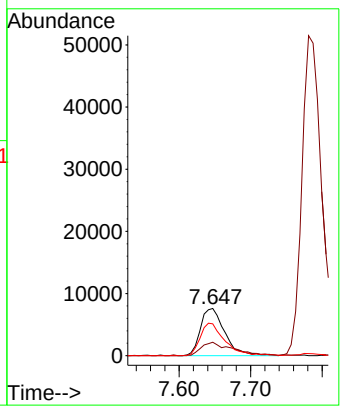
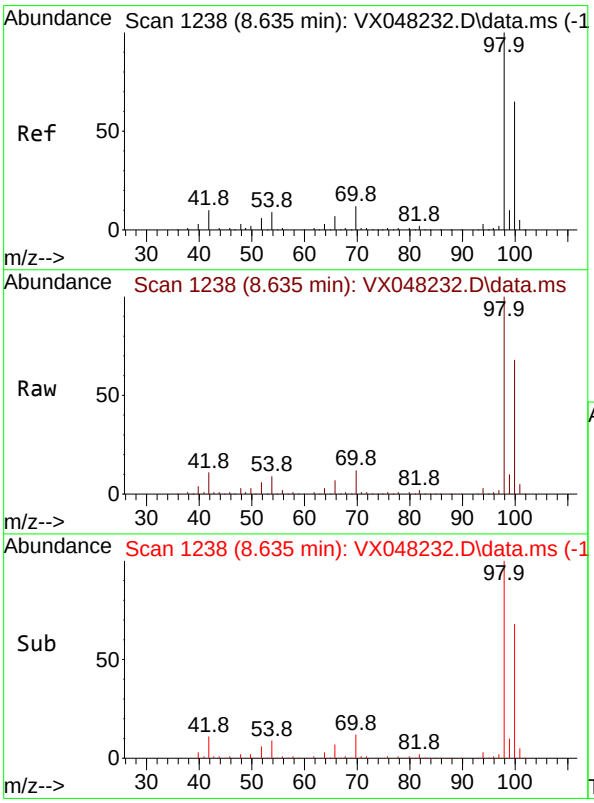
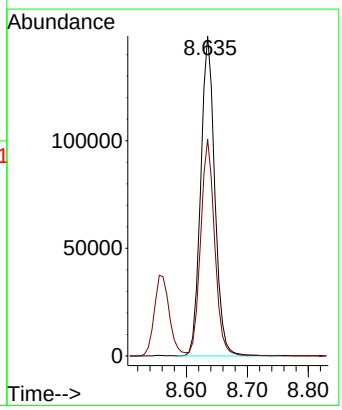


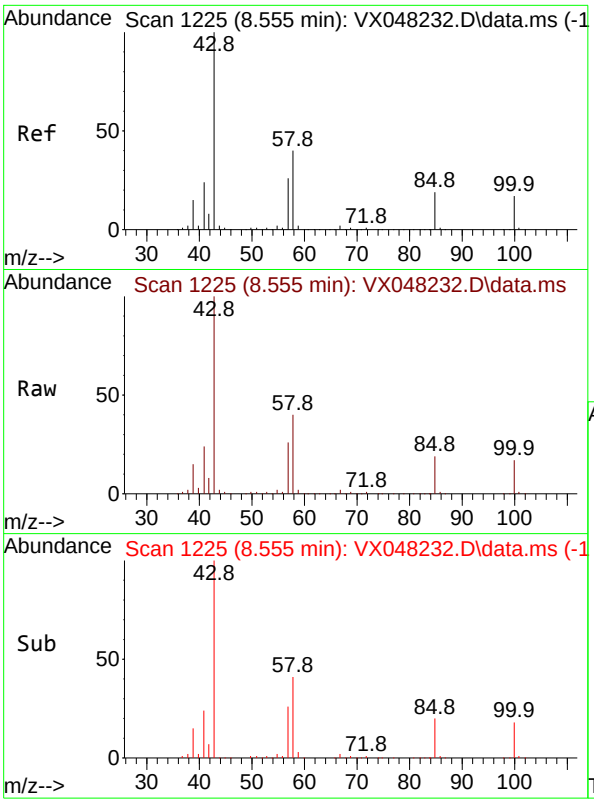


#50
Toluene-d8
Concen: 47.402 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 98 Resp: 239295

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 258.320 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 38066

Ion	Ratio	Lower	Upper
43	100		
58	39.8	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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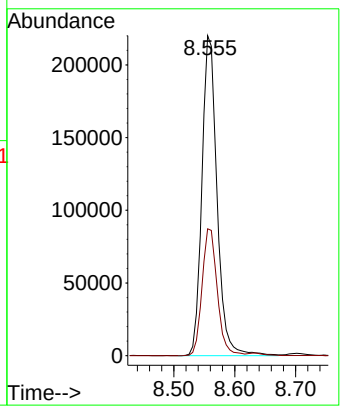
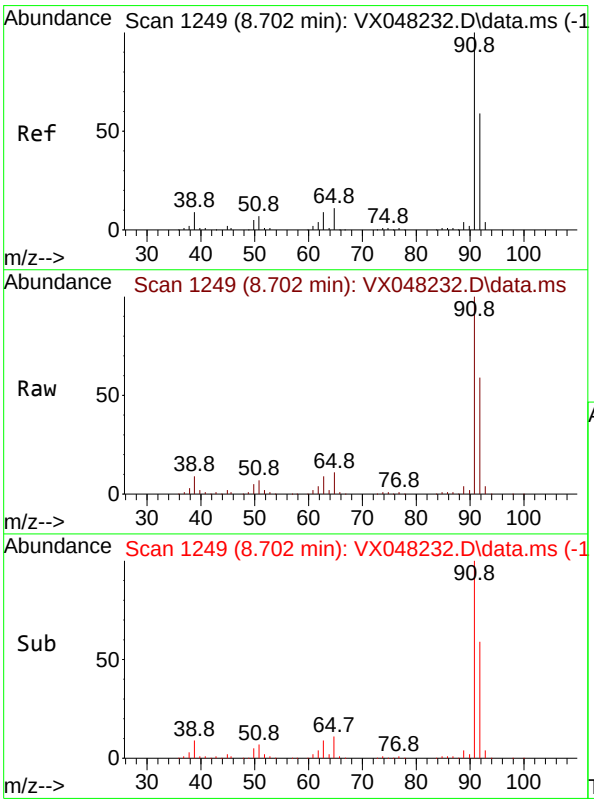
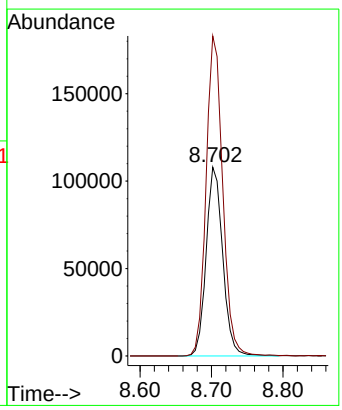


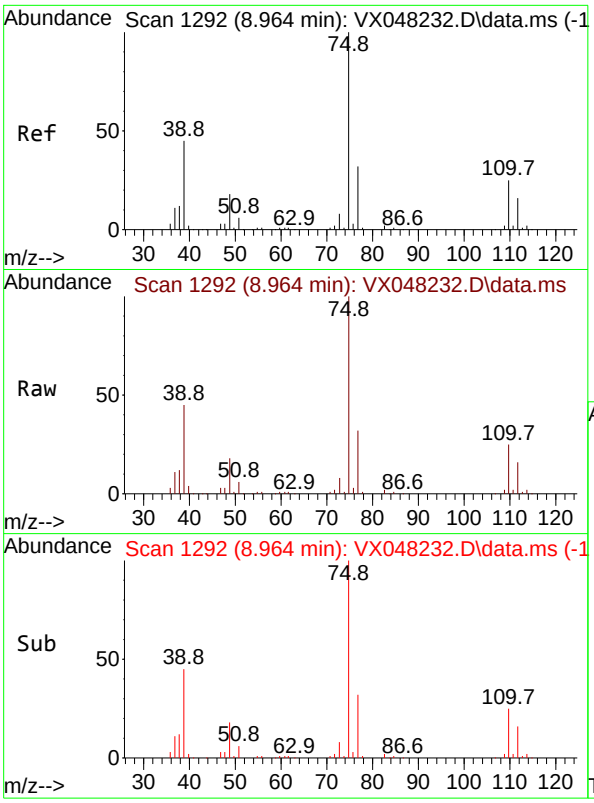


#52
Toluene
Concen: 49.373 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942

Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.1	204.1

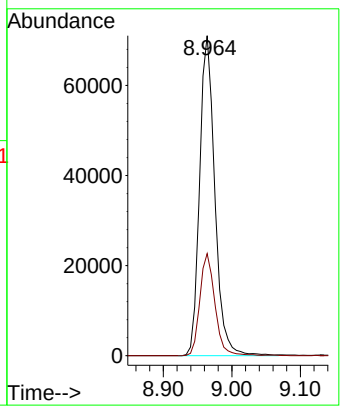




#53
t-1,3-Dichloropropene
Concen: 50.880 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 10996

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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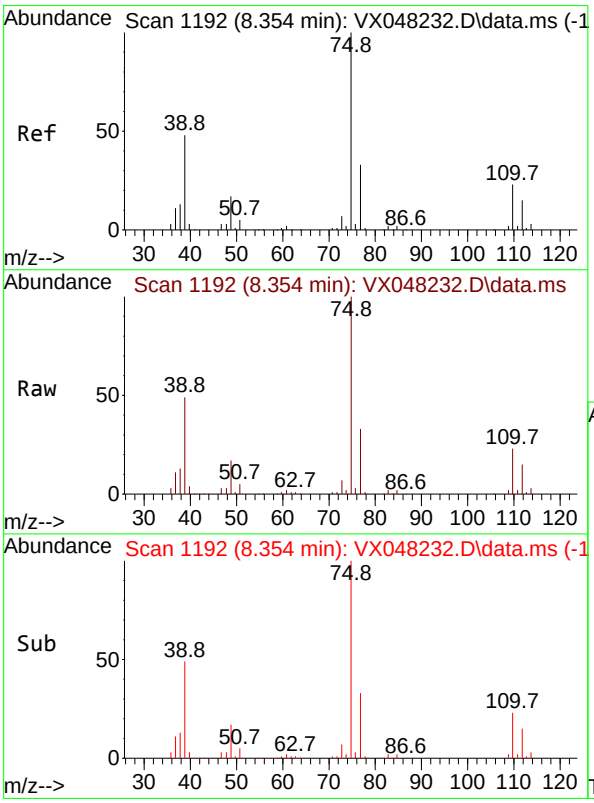
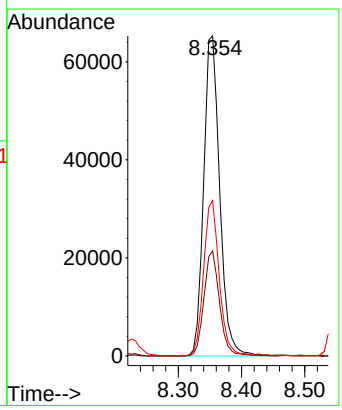
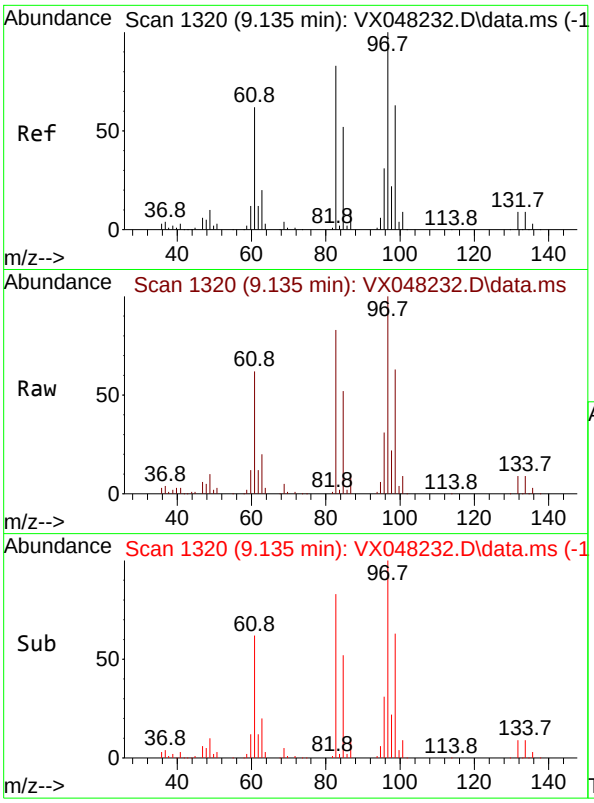


#54
cis-1,3-Dichloropropene
Concen: 49.046 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 115534

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.9	37.3
39	46.7	42.6	64.0

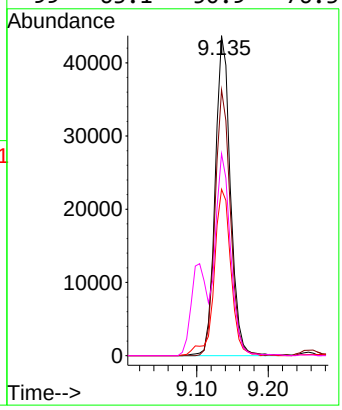




#55
1,1,2-Trichloroethane
Concen: 49.248 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 6473

Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.6	105.8
85	52.0	45.0	67.6
99	63.1	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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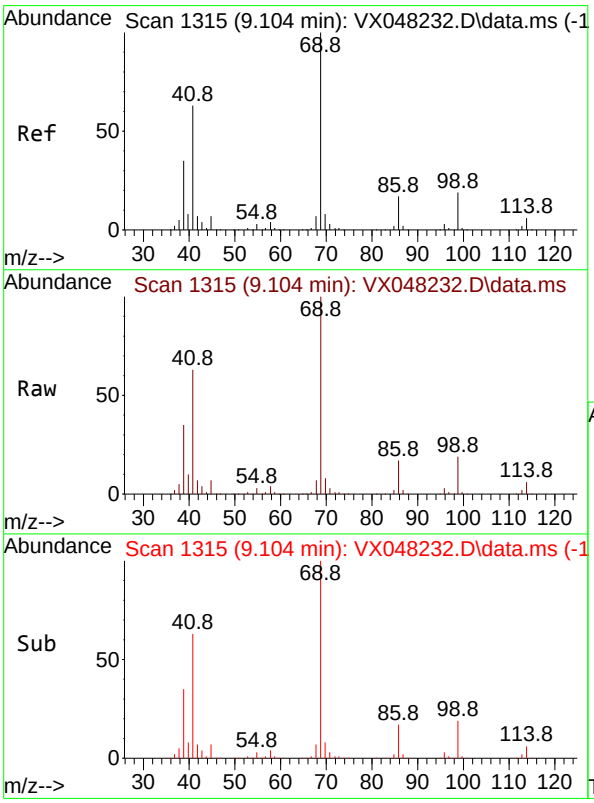
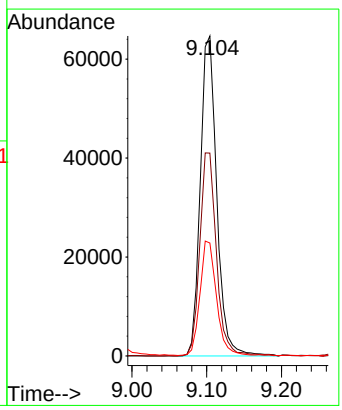
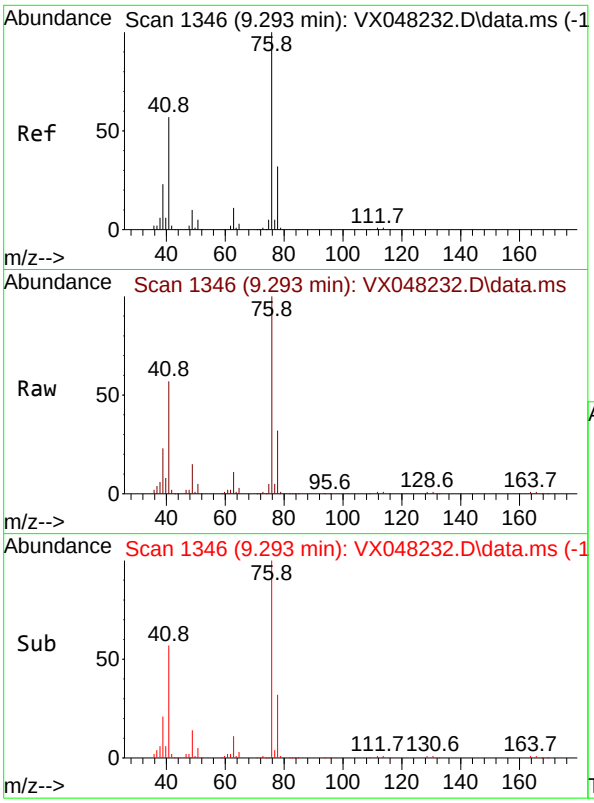


#56
Ethyl methacrylate
Concen: 55.290 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.9	31.6	47.4





#57
1,3-Dichloropropane
Concen: 48.206 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 76 Resp: 11070

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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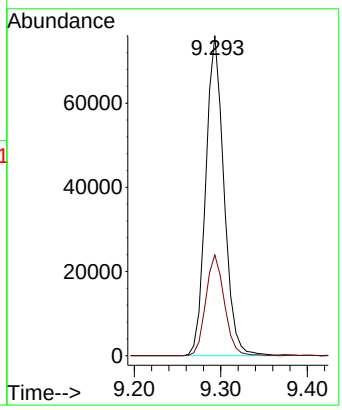
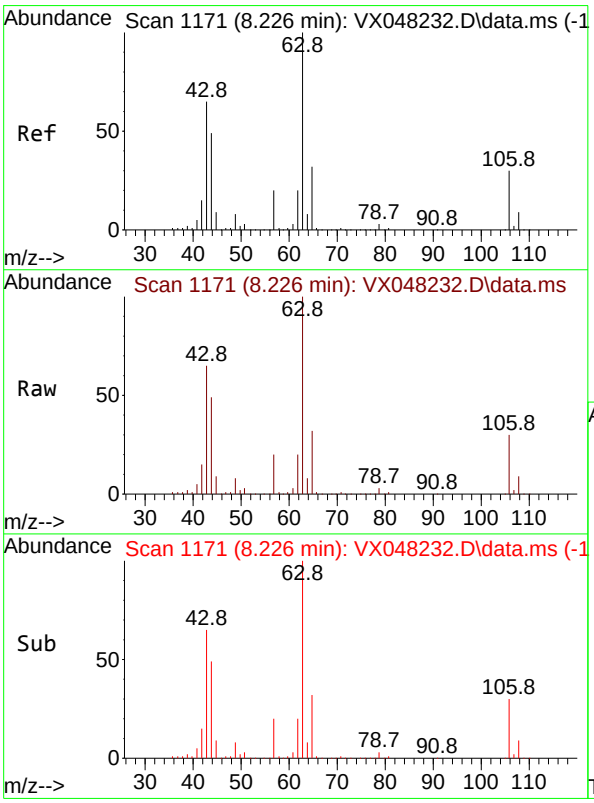
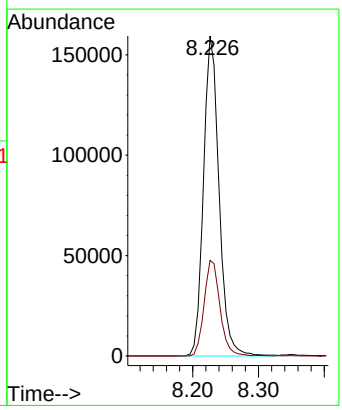


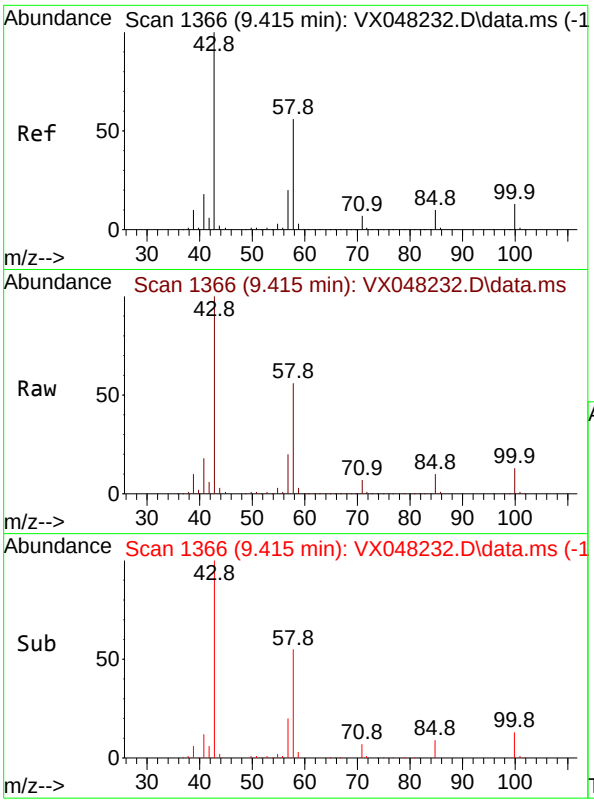


#58
2-Chloroethyl Vinyl ether
Concen: 285.817 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 262387

Ion	Ratio	Lower	Upper
63	100		
106	30.6	22.2	33.2





#59
2-Hexanone
Concen: 261.113 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 26914

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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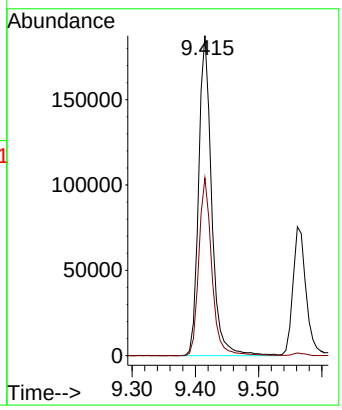
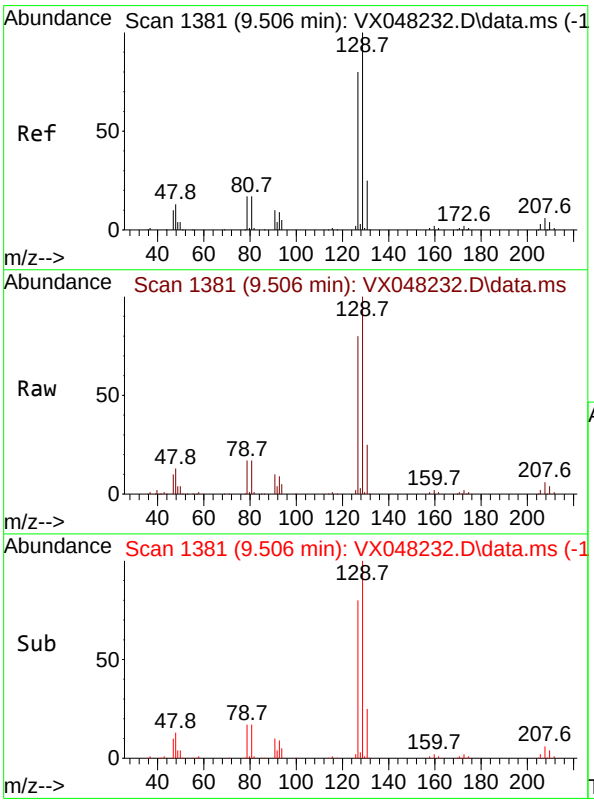
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

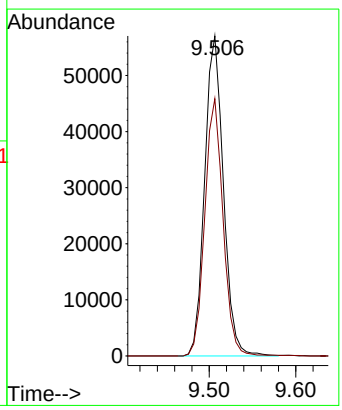


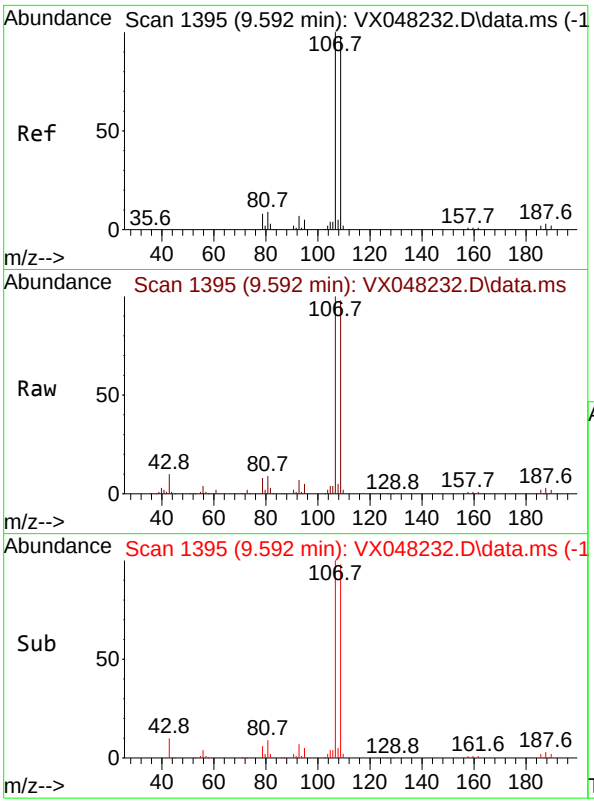


#60
Dibromochloromethane
Concen: 52.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:129 Resp: 85760

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.6	115.7





#61
1,2-Dibromoethane
Concen: 51.208 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:107 Resp: 6902

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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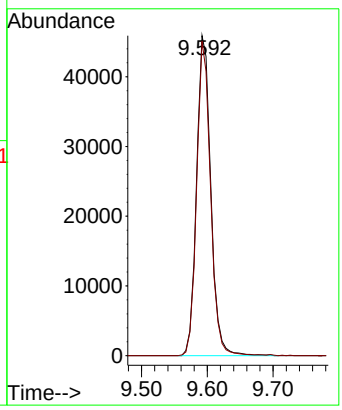
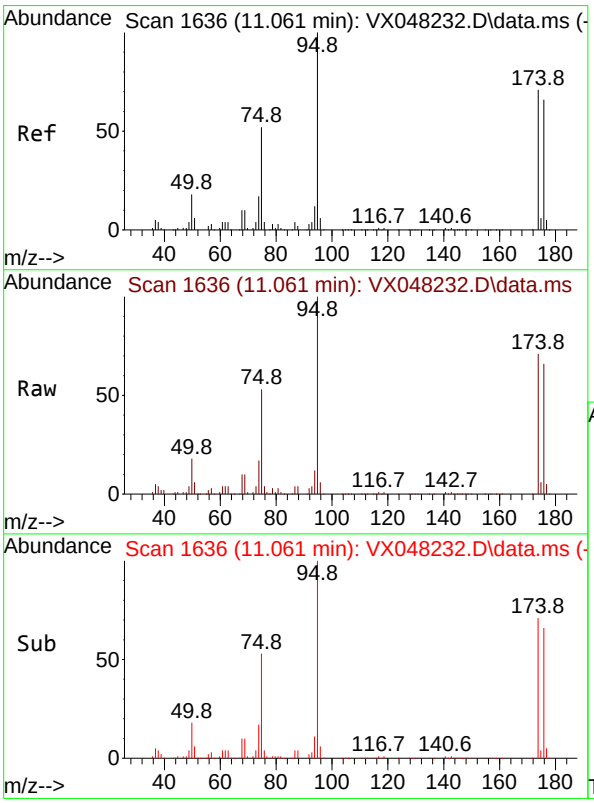
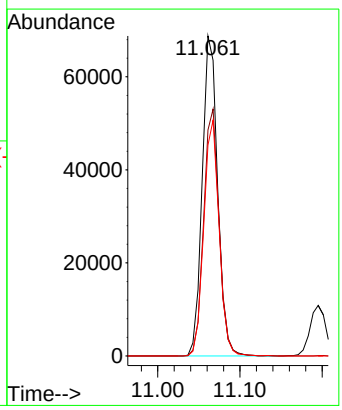


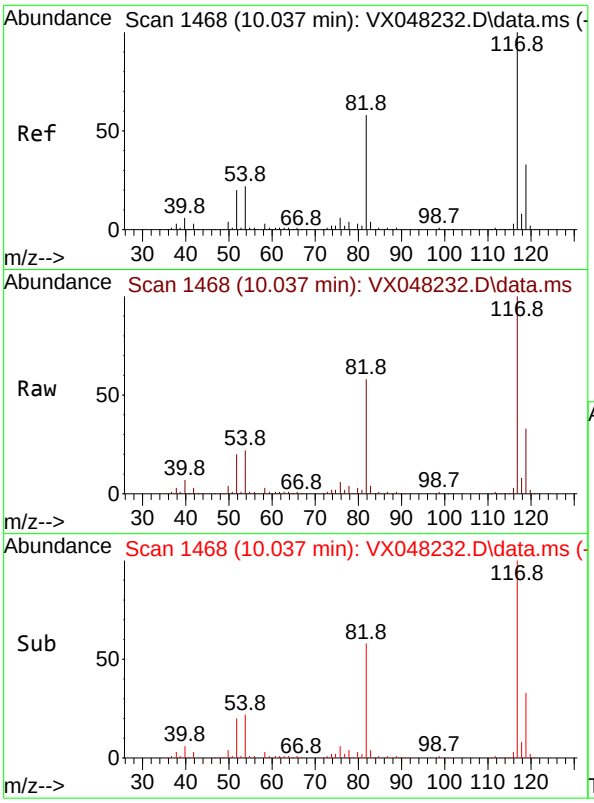


#62
4-Bromofluorobenzene
Concen: 48.719 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 95 Resp: 89579

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	147.8
176	73.3	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 18449

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.5	69.7
119	33.2	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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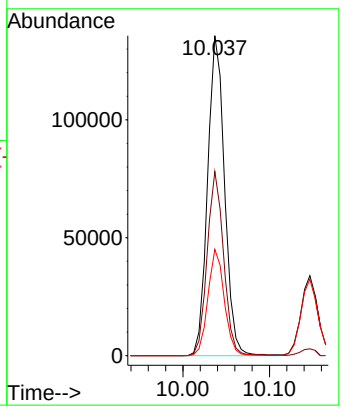
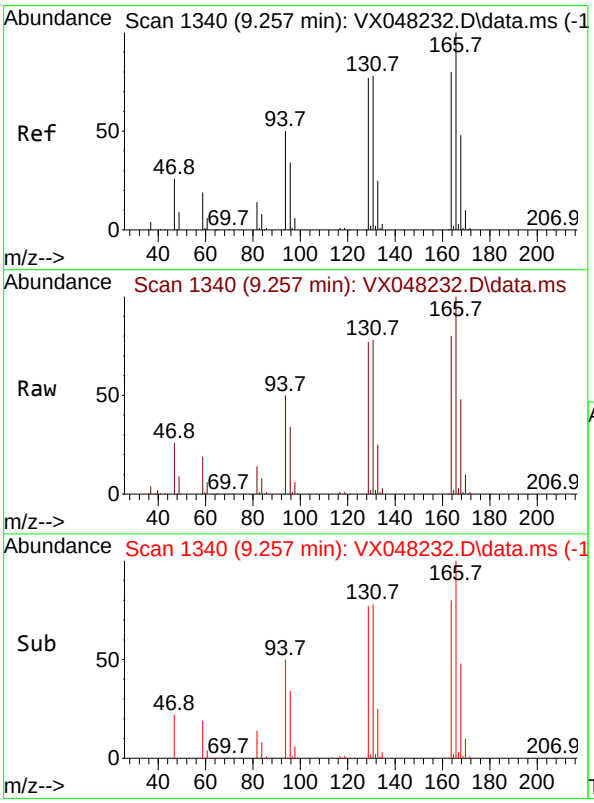
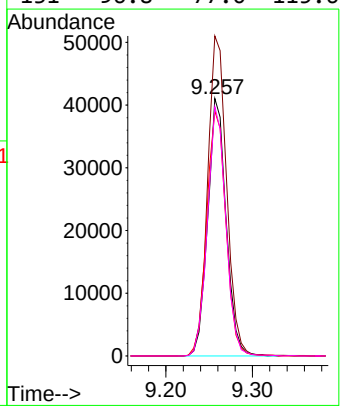


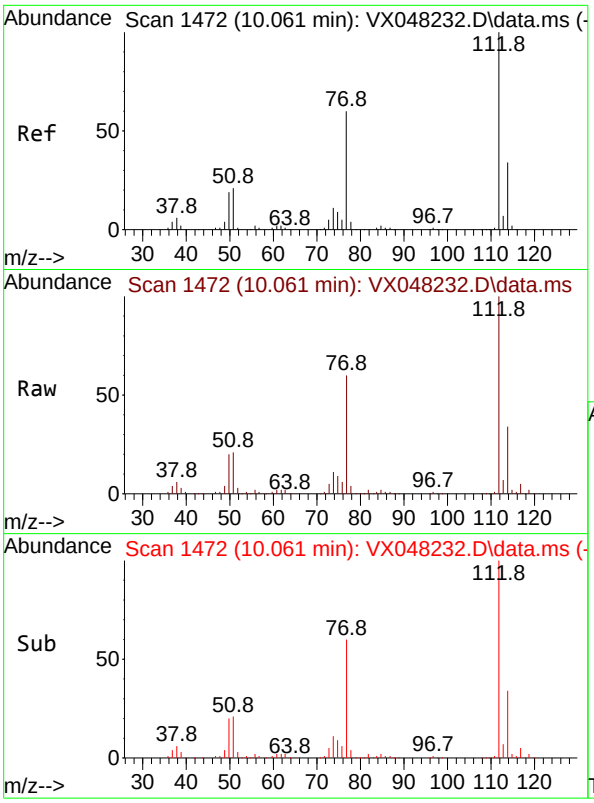


#64
Tetrachloroethene
Concen: 46.776 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510

Ion	Ratio	Lower	Upper
164	100		
166	124.3	104.5	156.7
129	95.1	81.8	122.6
131	96.8	77.0	115.6

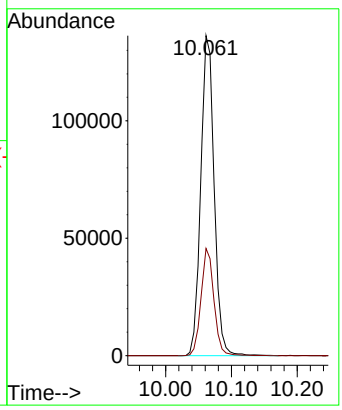




#65
Chlorobenzene
Concen: 47.805 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:112 Resp: 19284

Ion	Ratio	Lower	Upper
112	100		
114	33.5	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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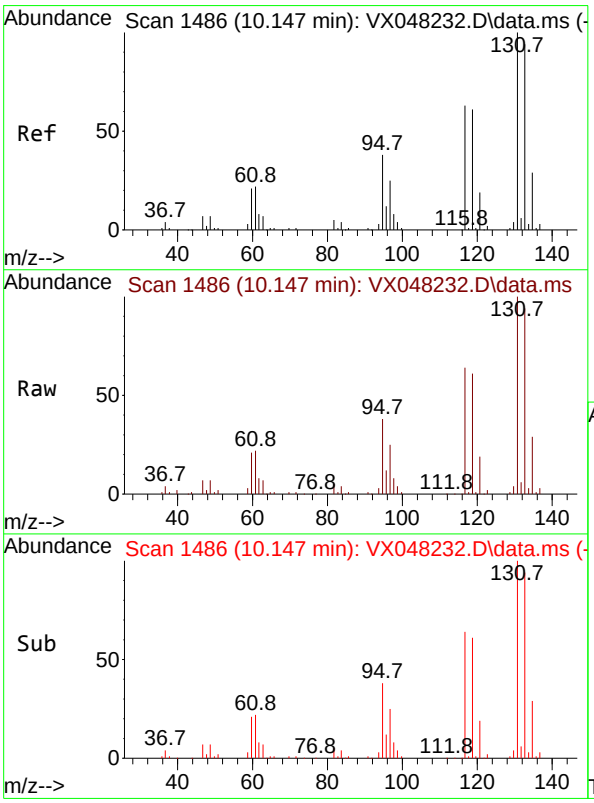
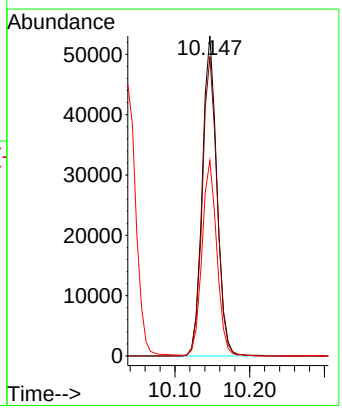
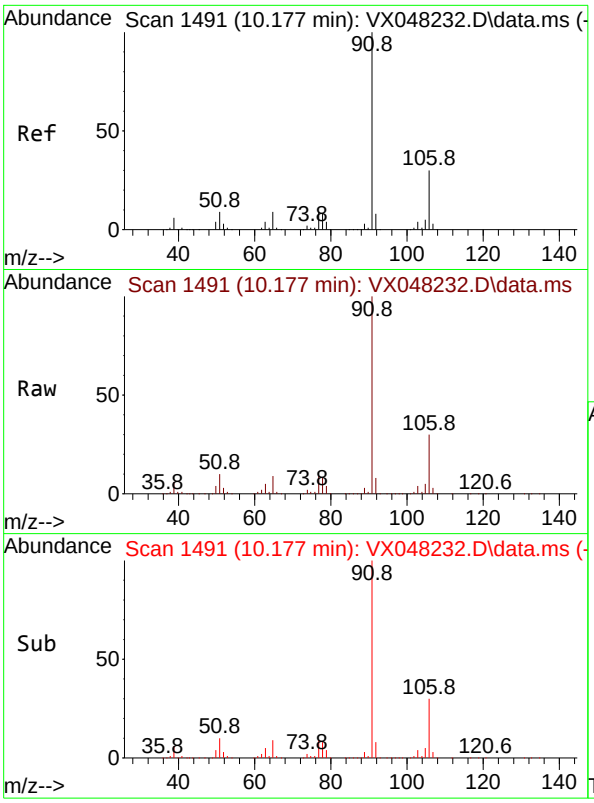


#66
1,1,1,2-Tetrachloroethane
Concen: 49.482 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.6	142.8
119	62.0	32.5	97.5





#67
Ethyl Benzene
Concen: 48.680 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 33666

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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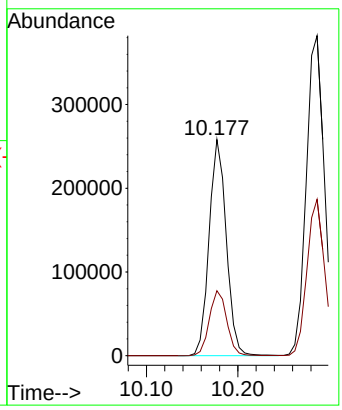
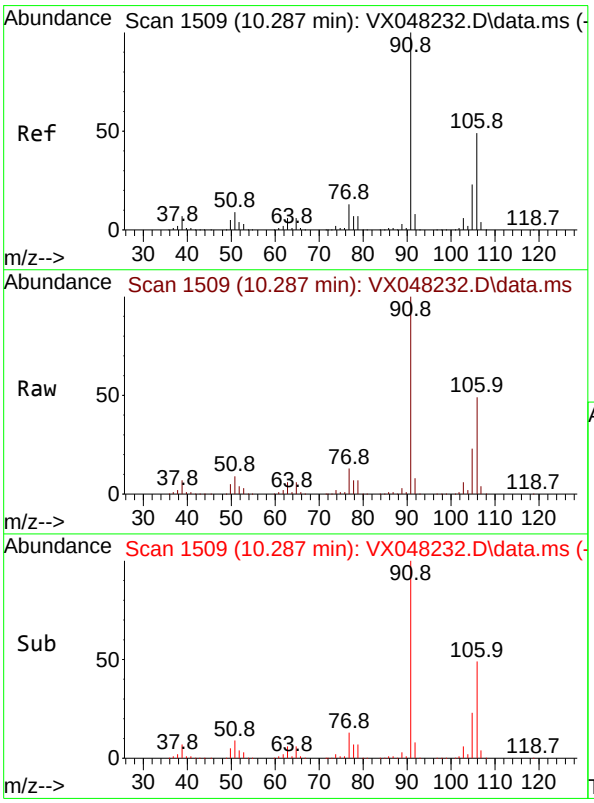
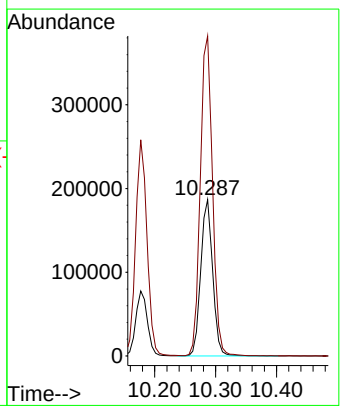


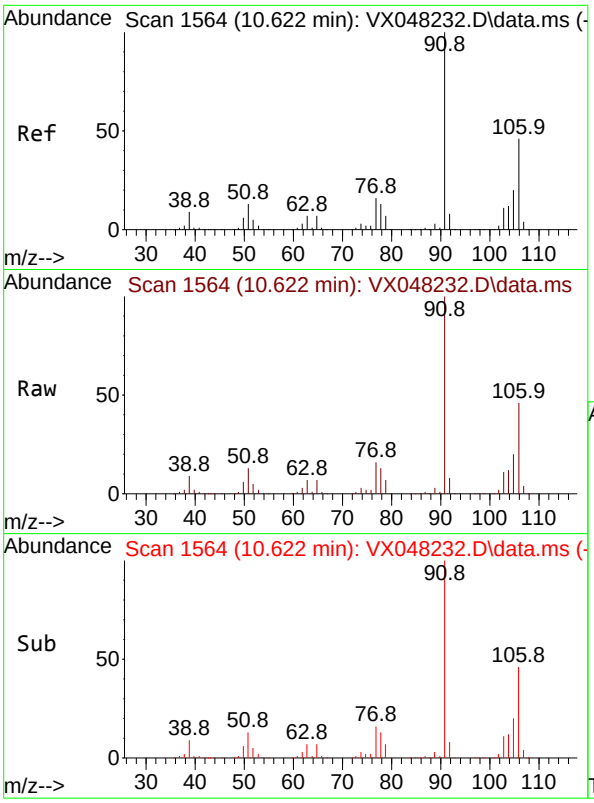


#68
m/p-Xylenes
Concen: 98.455 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 253662

Ion	Ratio	Lower	Upper
106	100		
91	209.1	167.9	251.9

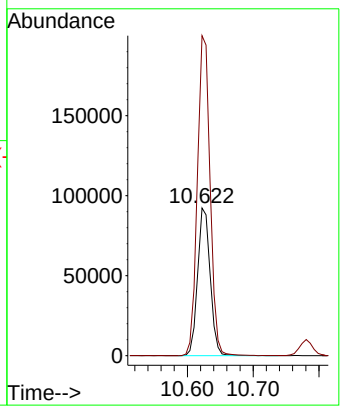




#69
o-Xylene
Concen: 50.542 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 12258

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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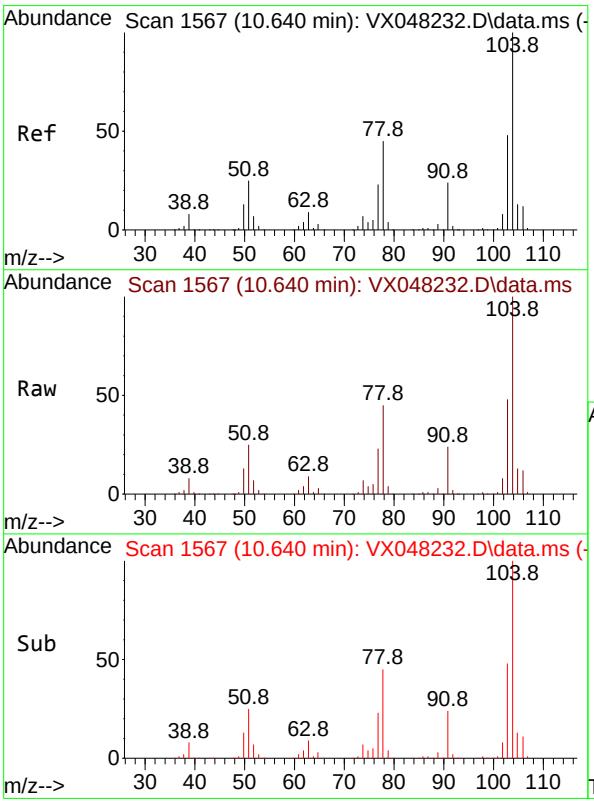
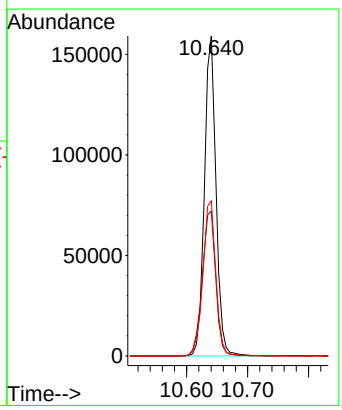
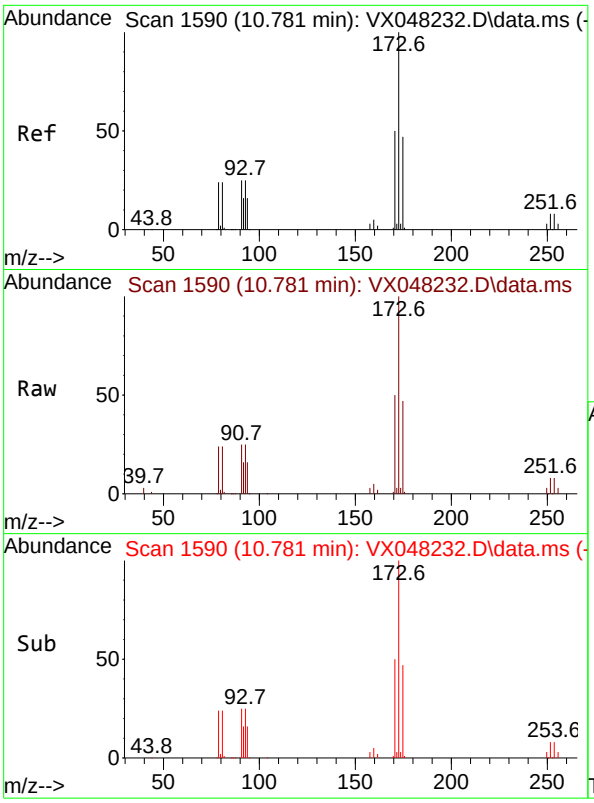


#70
Styrene
Concen: 50.508 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:104 Resp: 210861

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	54.4	43.0	64.4

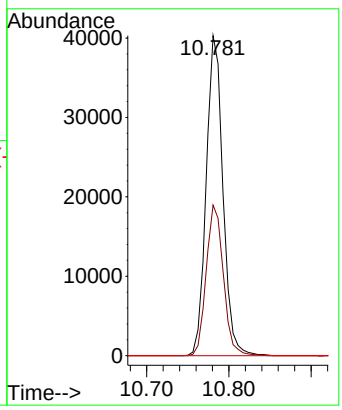




#71
Bromoform
Concen: 53.279 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:173 Resp: 5687

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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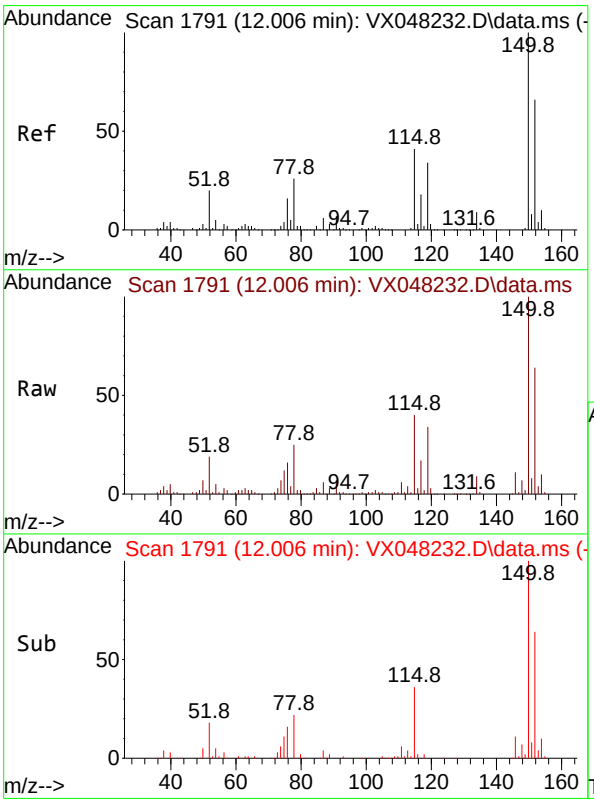
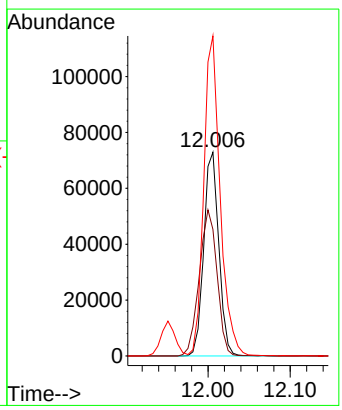
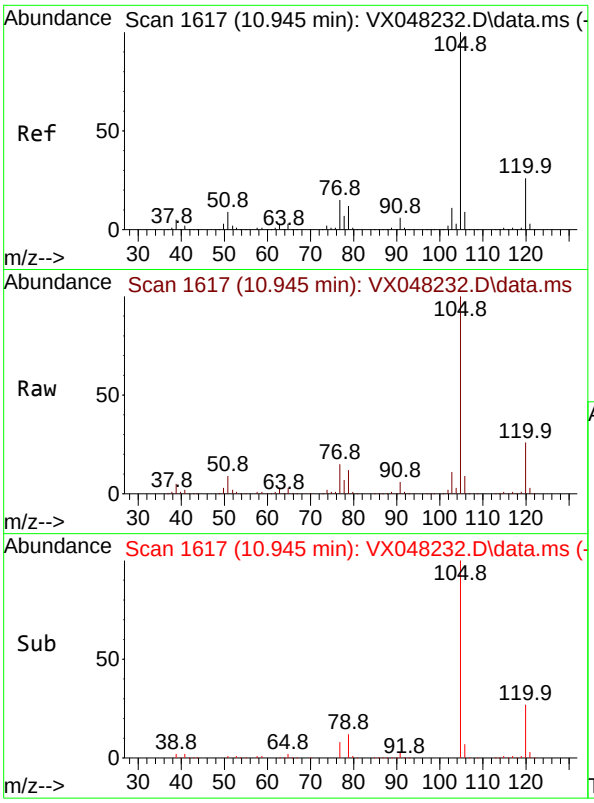


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693

Ion	Ratio	Lower	Upper
152	100		
115	84.9	43.1	129.4
150	171.1	0.0	353.0





#73
Isopropylbenzene
Concen: 49.321 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 31797

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

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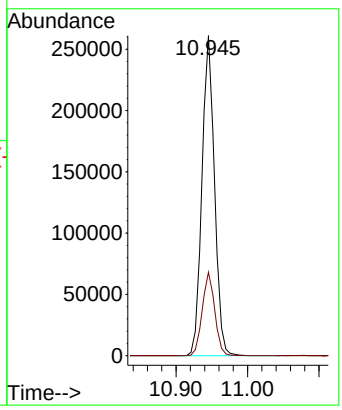
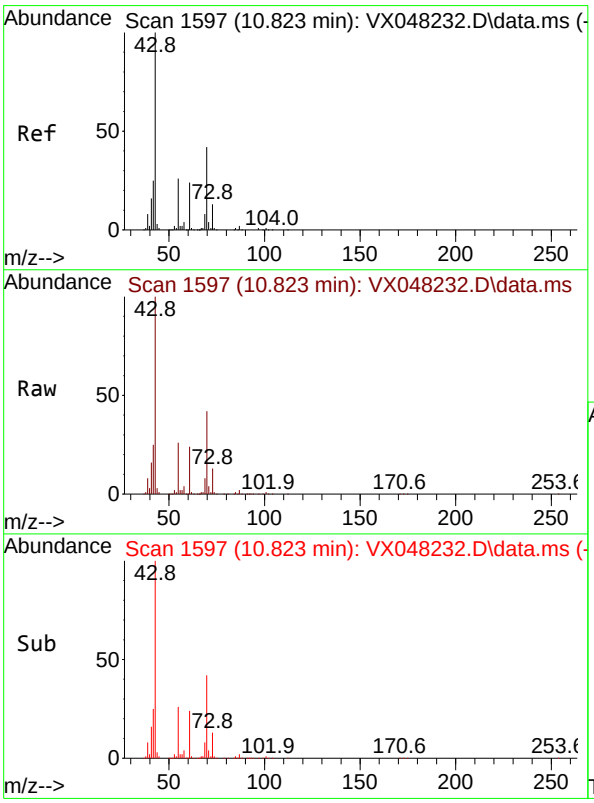
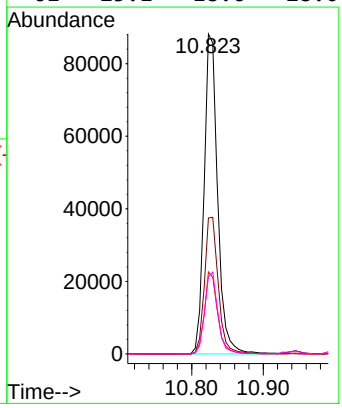


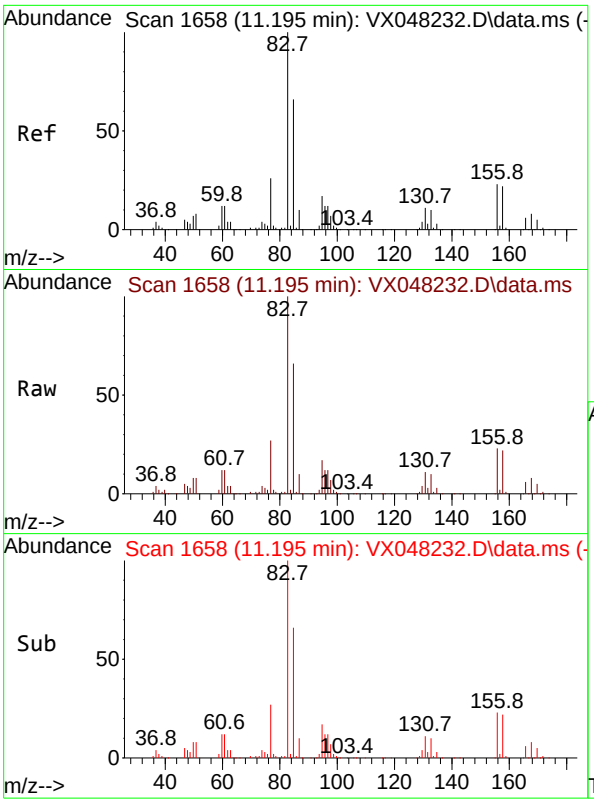


#74
N-amyl acetate
Concen: 48.098 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683

Ion	Ratio	Lower	Upper
43	100		
70	43.8	32.2	48.2
55	25.1	19.1	28.7
61	25.1	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 8770

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.8	14.4
85	64.5	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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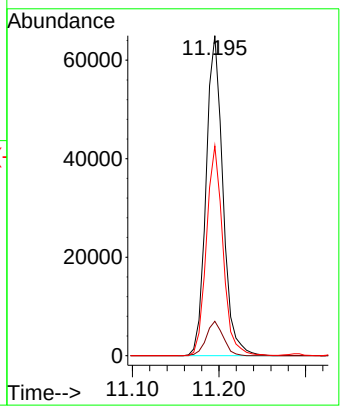
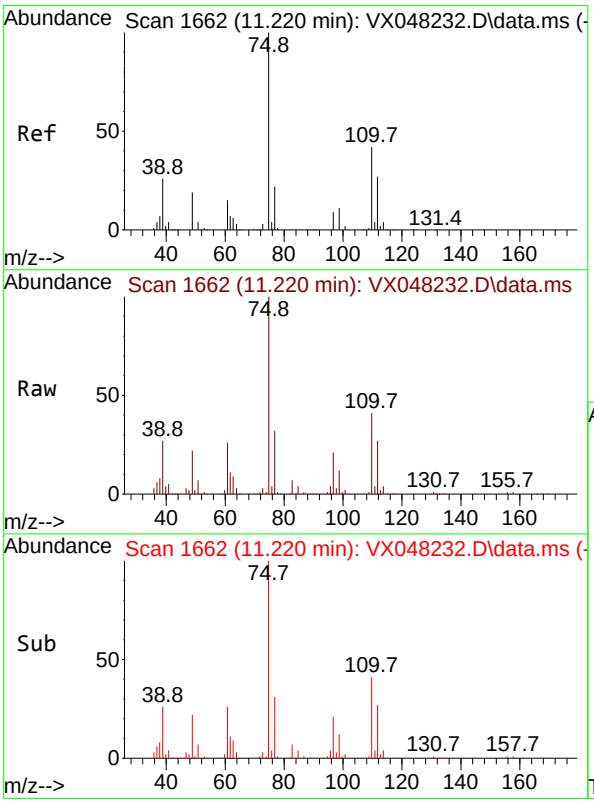
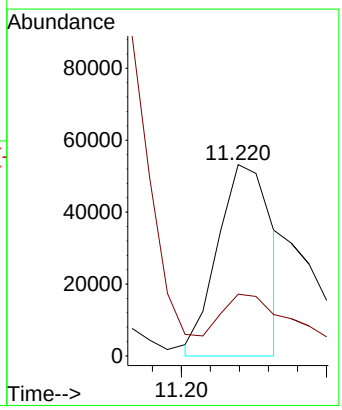


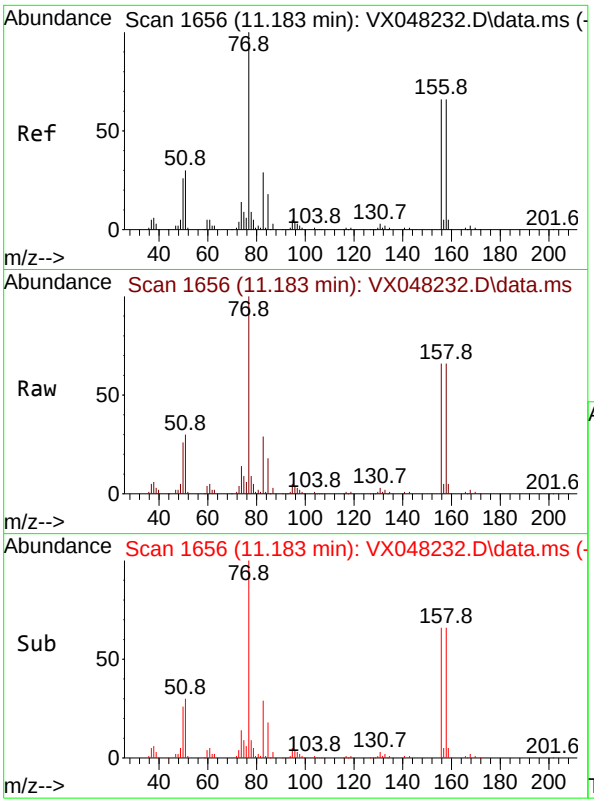


#76
1,2,3-Trichloropropane
Concen: 48.115 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 68104

Ion	Ratio	Lower	Upper
75	100		
77	45.1	22.4	67.2





#77
Bromobenzene
Concen: 49.303 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:156 Resp: 7954

Ion	Ratio	Lower	Upper
156	100		
77	161.6	87.0	261.0
158	97.3	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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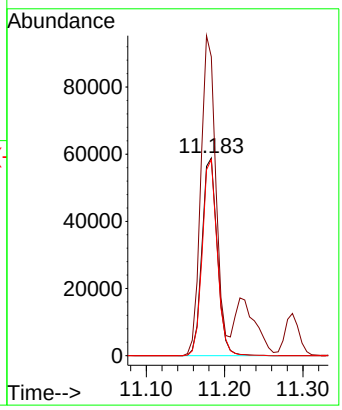
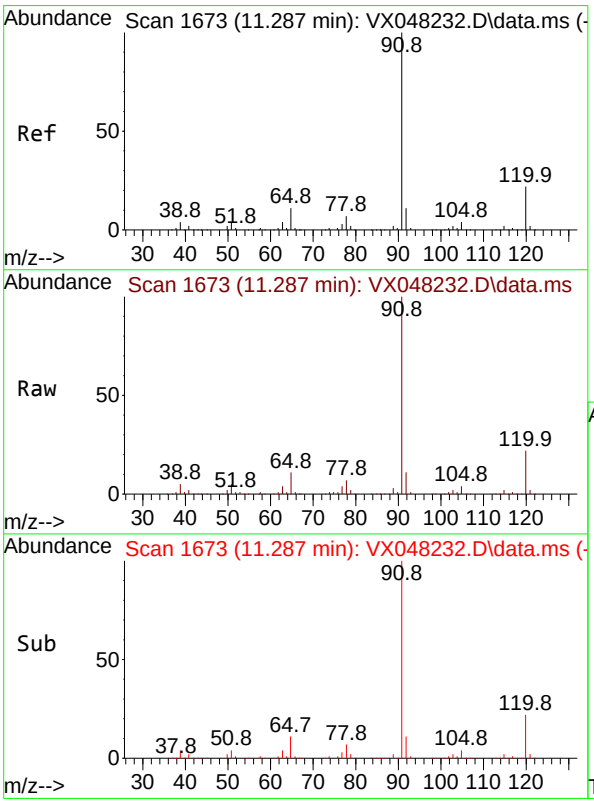
Supervised By :Semsettin Yesilyurt 10/21/2025

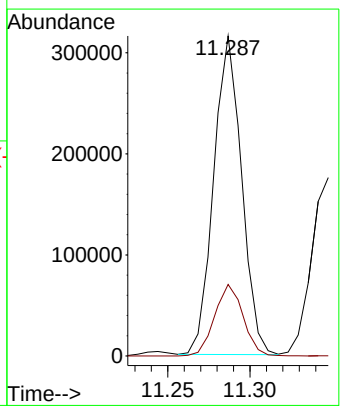


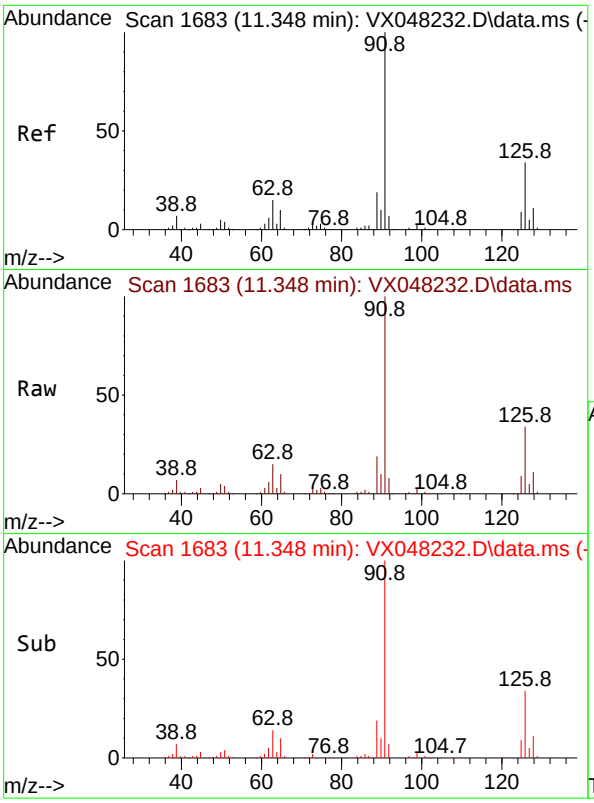


#78
n-propylbenzene
Concen: 47.621 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1





#79
2-Chlorotoluene
Concen: 47.045 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 22221

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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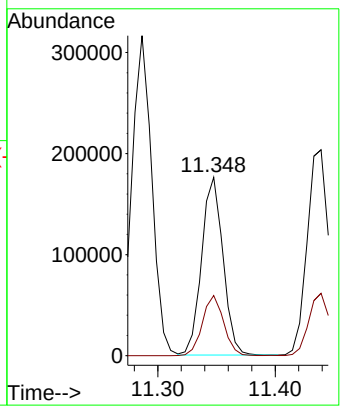
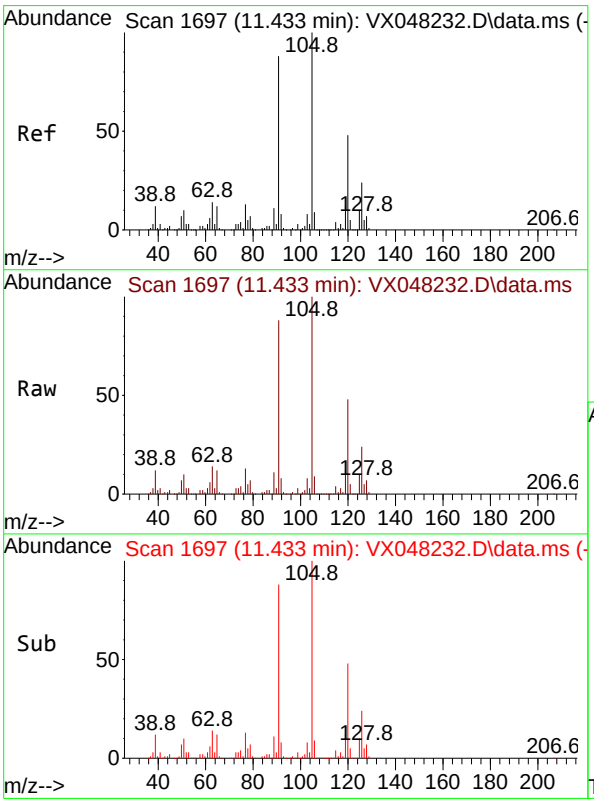
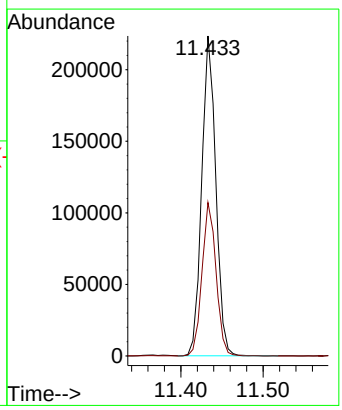


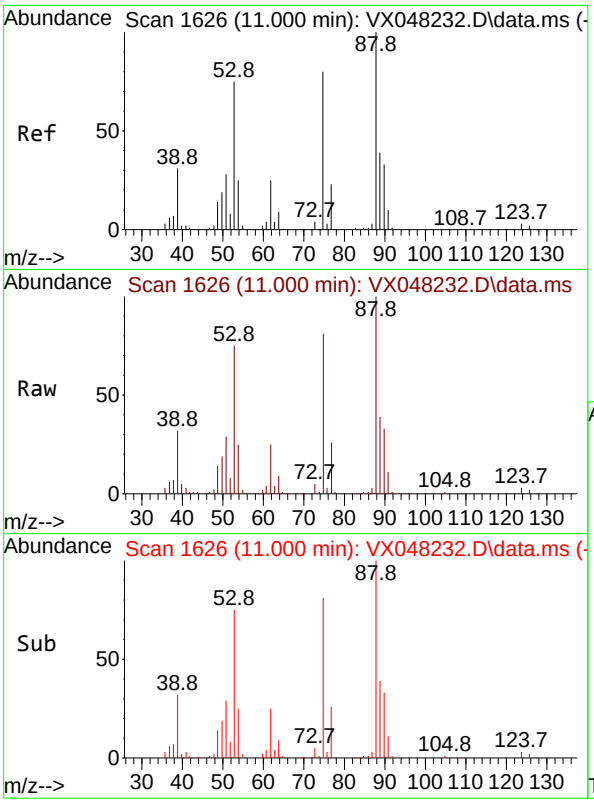


#80
1,3,5-Trimethylbenzene
Concen: 50.108 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265174

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.678 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 2929

Ion	Ratio	Lower	Upper
75	100		
53	98.5	79.5	119.3
89	48.0	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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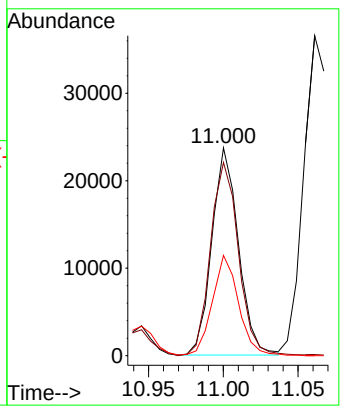
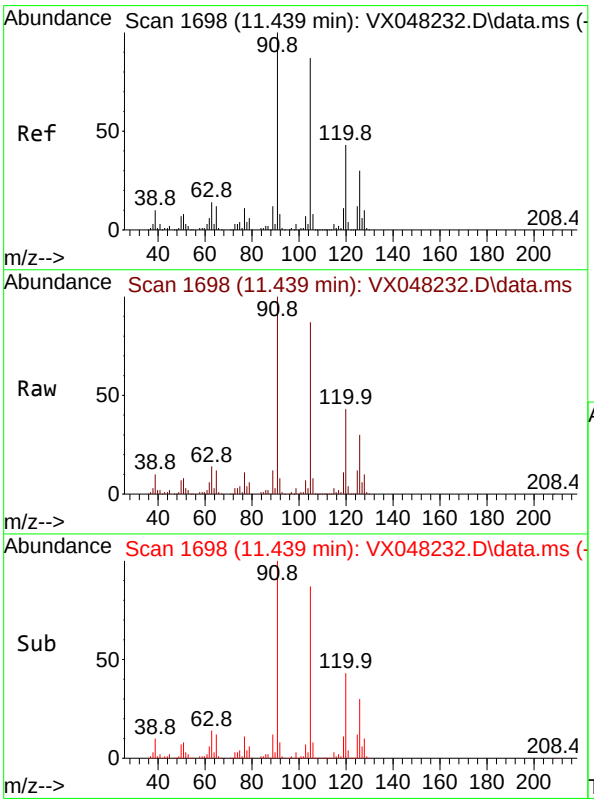
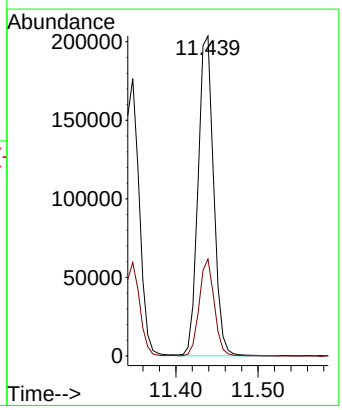


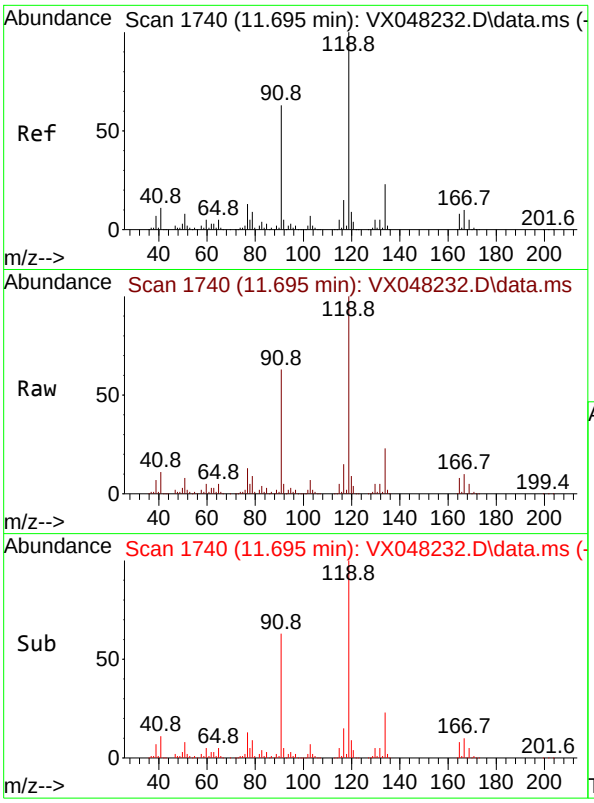


#82
4-Chlorotoluene
Concen: 48.142 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 267236

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.1	42.4





#83
tert-Butylbenzene
Concen: 50.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 27020

Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	91.0
134	22.2	11.4	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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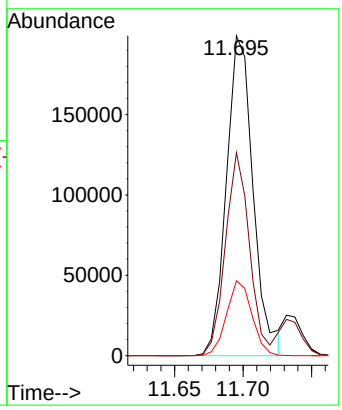
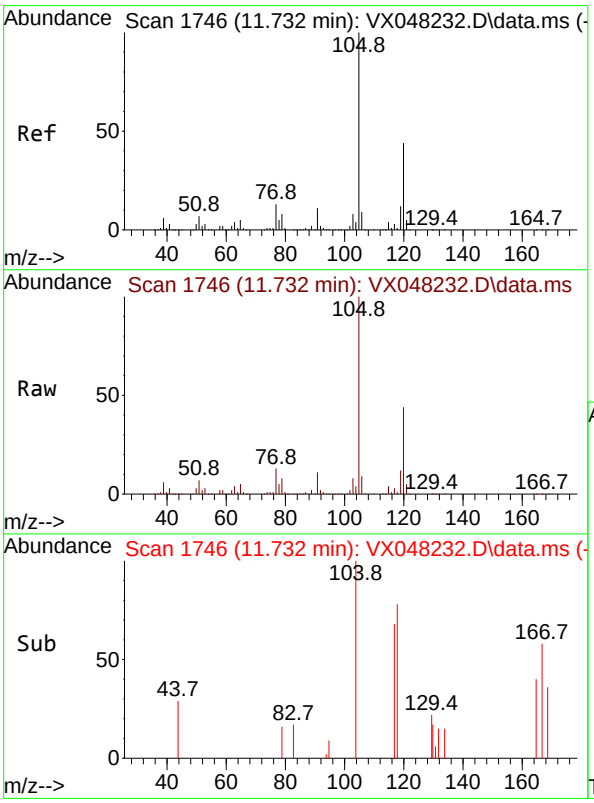
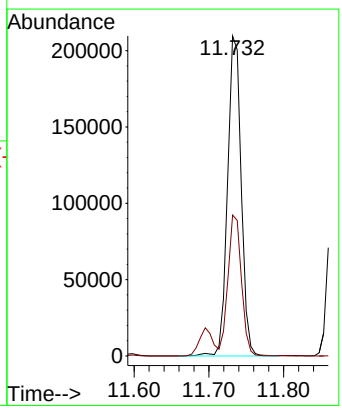


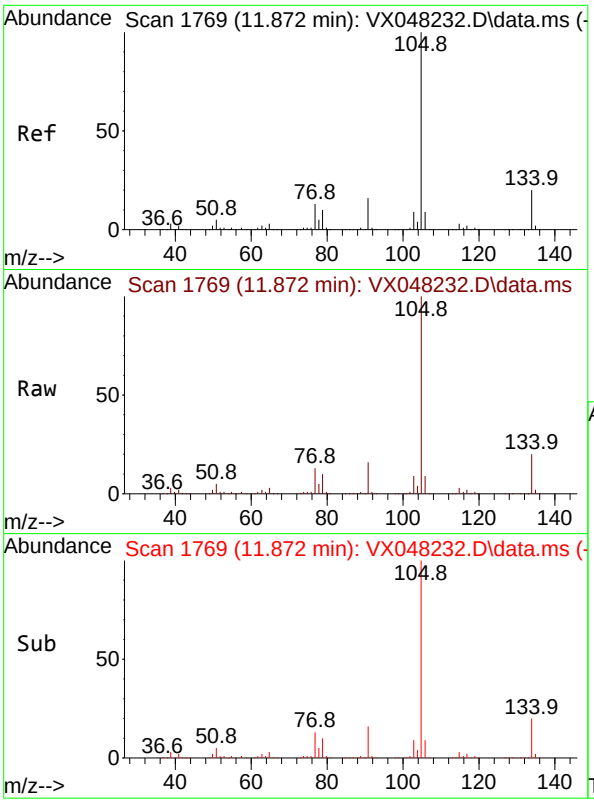


#84
1,2,4-Trimethylbenzene
Concen: 50.381 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5

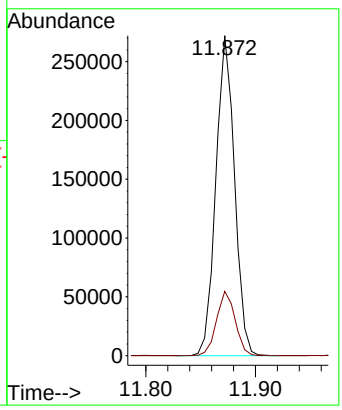




#85
sec-Butylbenzene
Concen: 49.298 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 32221

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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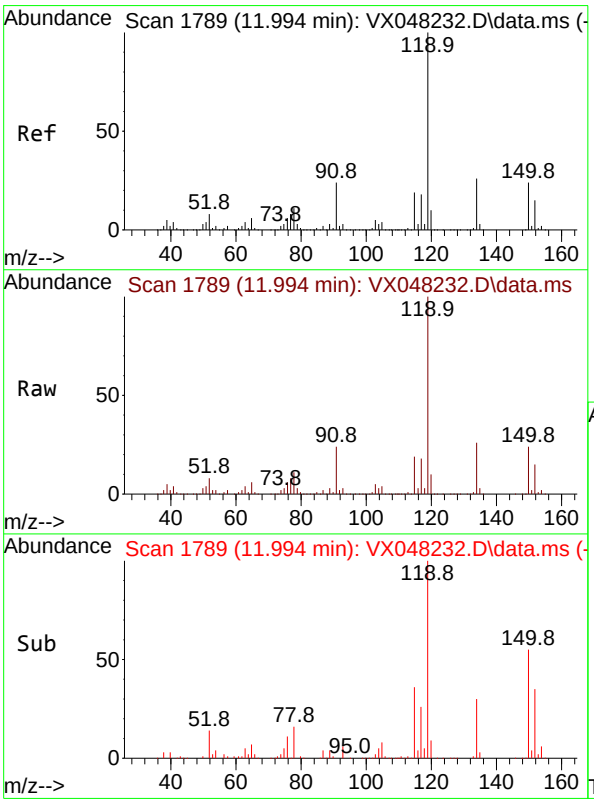
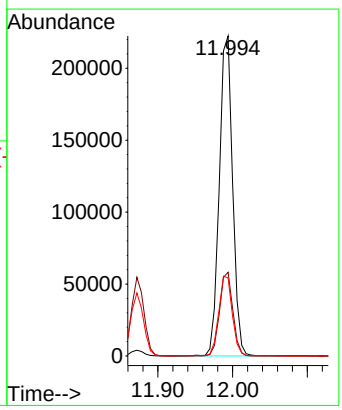
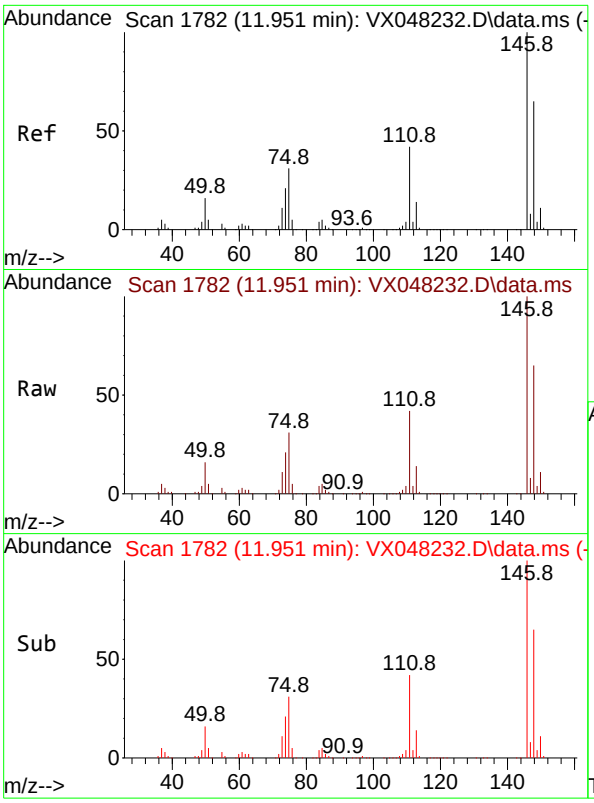


#86
p-Isopropyltoluene
Concen: 50.246 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	25.3	12.1	36.3

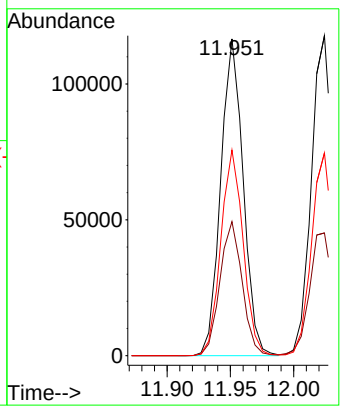




#87
1,3-Dichlorobenzene
Concen: 47.627 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 14369

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.2
148	64.6	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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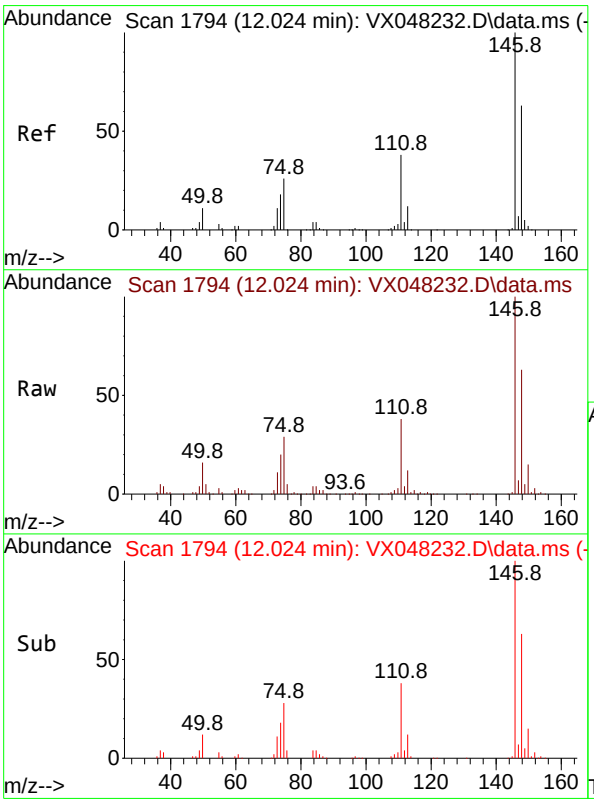
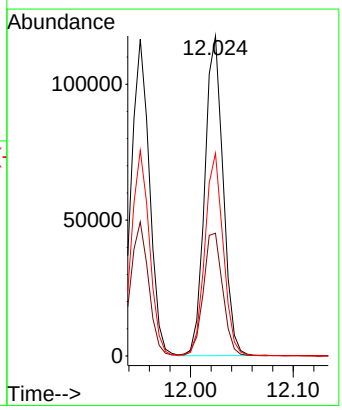
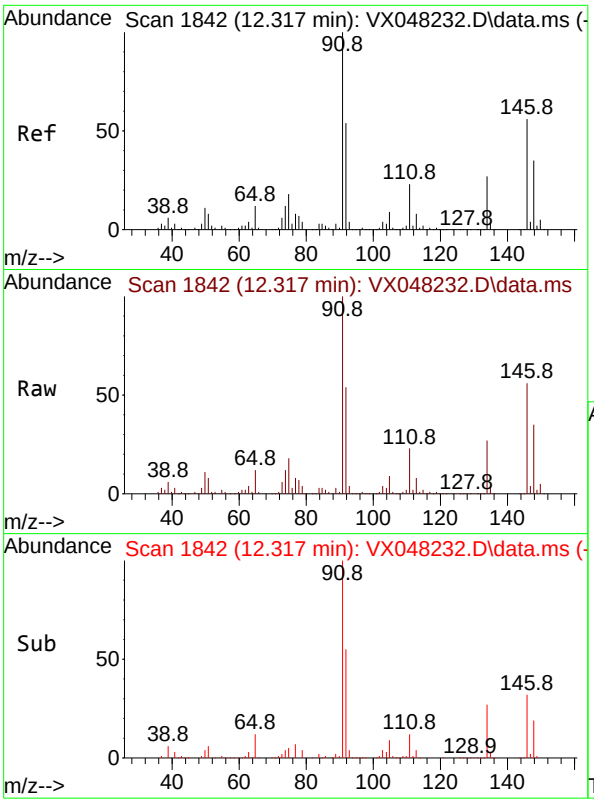


#88
1,4-Dichlorobenzene
Concen: 46.744 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 146196

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	63.3	31.8	95.3

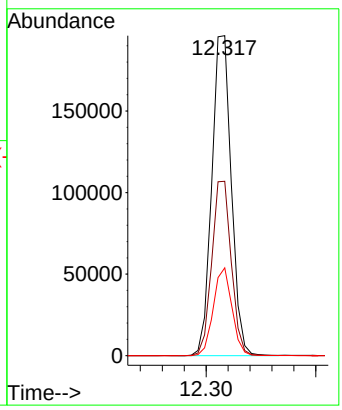




#89
n-Butylbenzene
Concen: 47.367 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 24306

Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.6
134	26.2	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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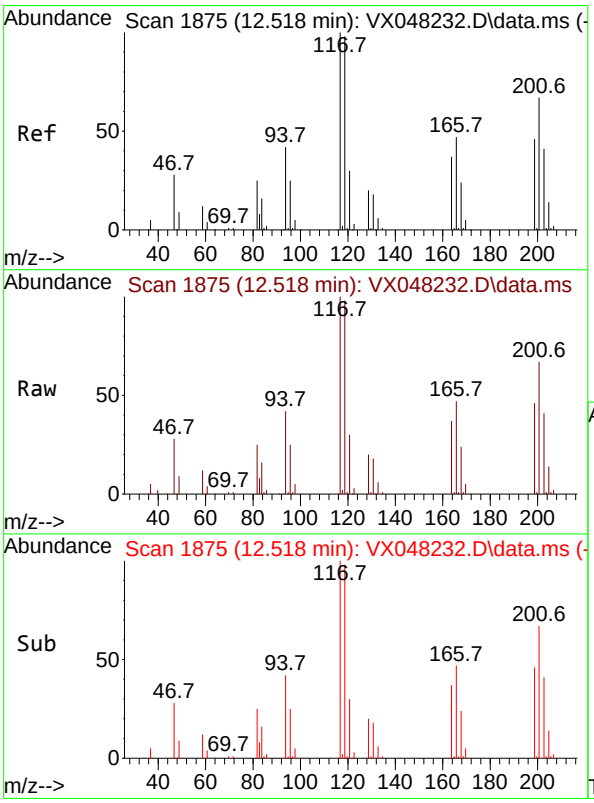
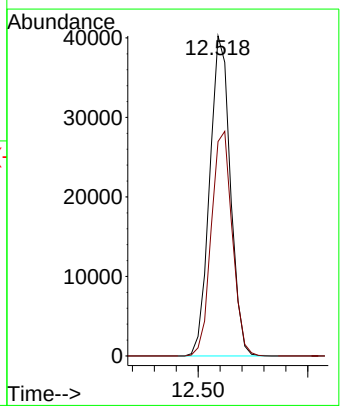
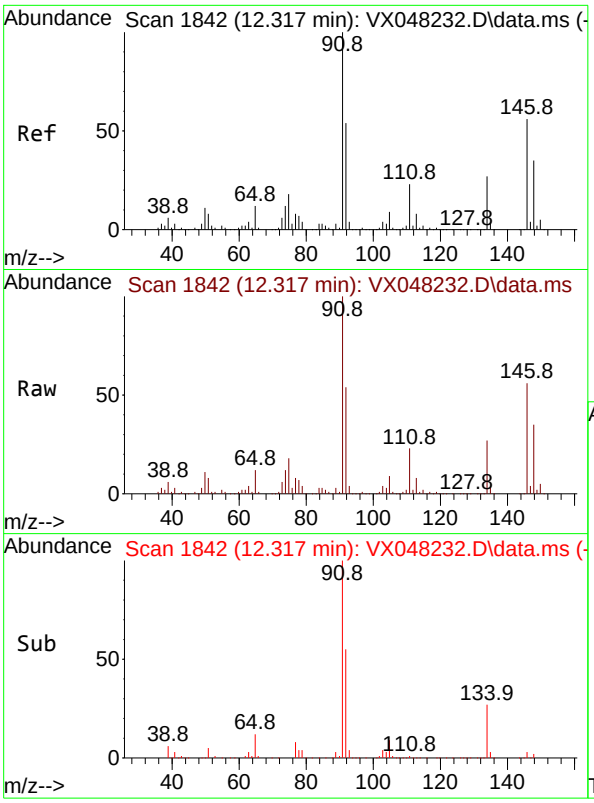


#90
Hexachloroethane
Concen: 45.350 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 52735

Ion	Ratio	Lower	Upper
117	100		
201	71.2	34.1	102.2

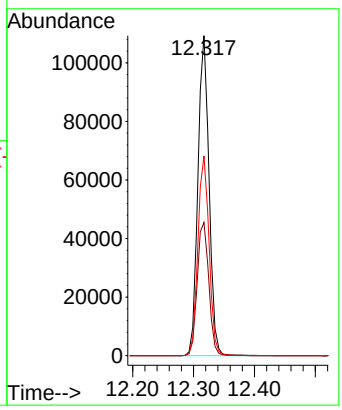




#91
1,2-Dichlorobenzene
Concen: 48.582 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 13848

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.5
148	62.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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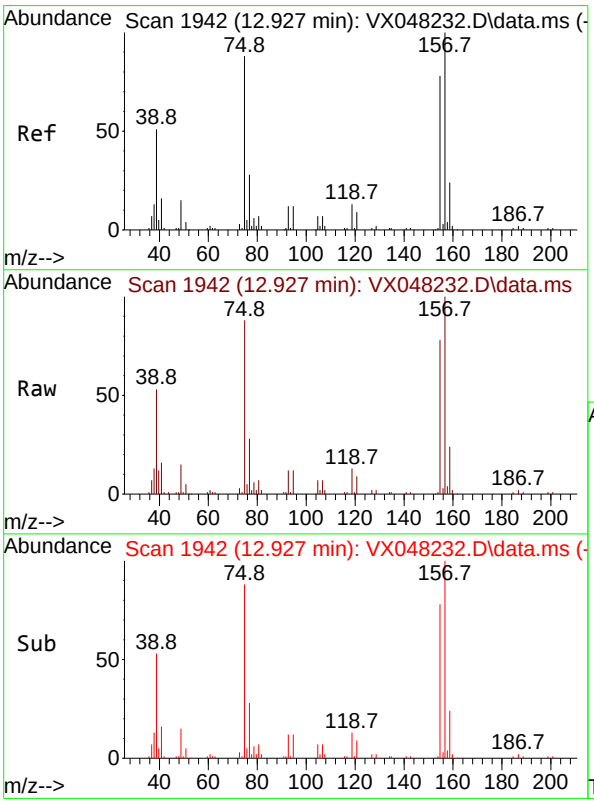
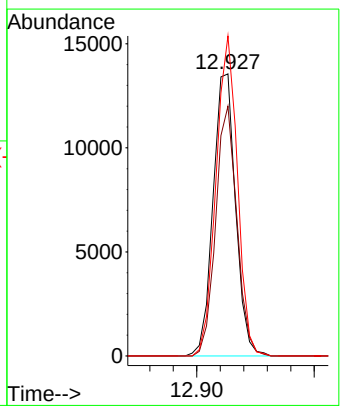
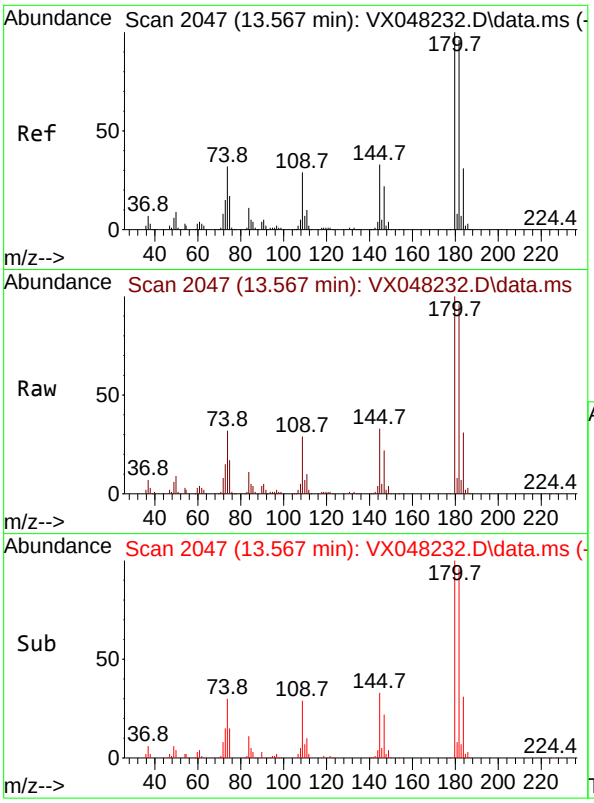


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.111 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 18059

Ion	Ratio	Lower	Upper
75	100		
155	83.5	42.8	128.4
157	108.0	54.2	162.6

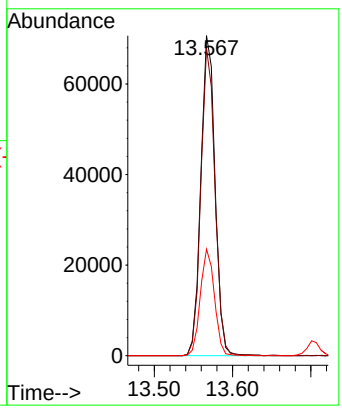




#93
1,2,4-Trichlorobenzene
Concen: 52.839 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 8892

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	33.1	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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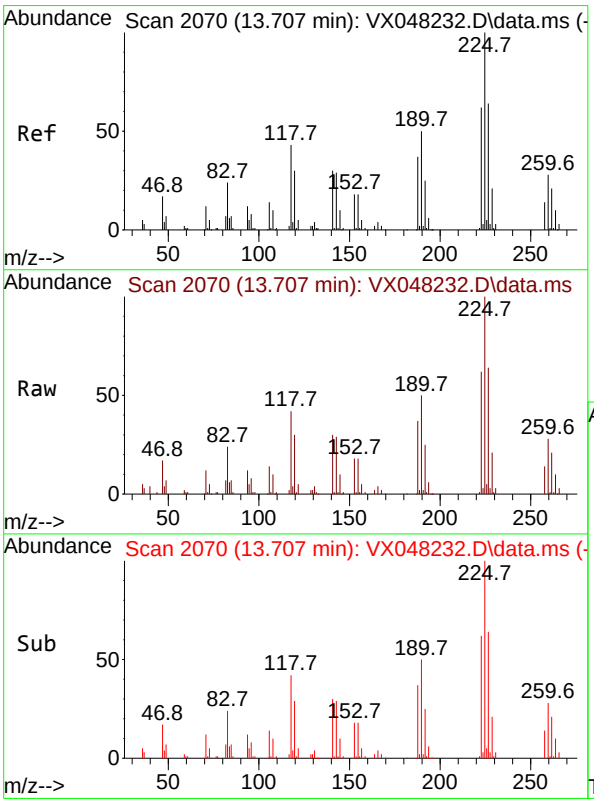
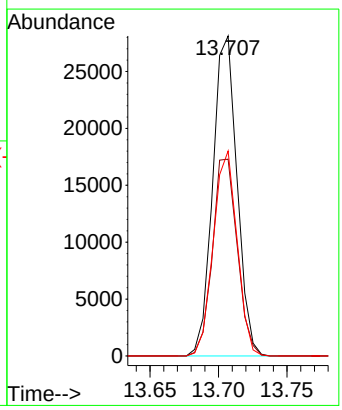
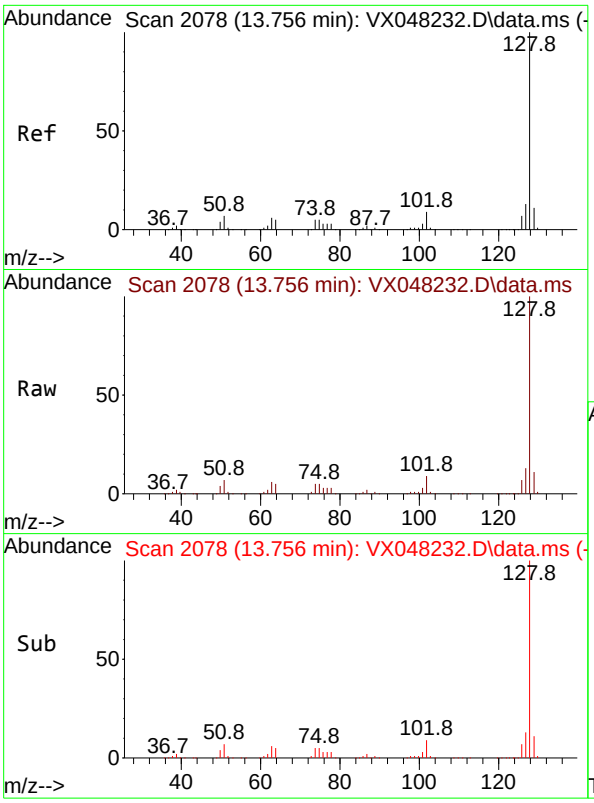


#94
Hexachlorobutadiene
Concen: 53.334 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615

Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.6	97.7
227	62.9	32.5	97.4

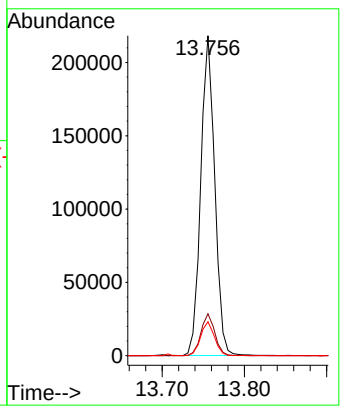




#95
Naphthalene
Concen: 57.999 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:128 Resp: 25728

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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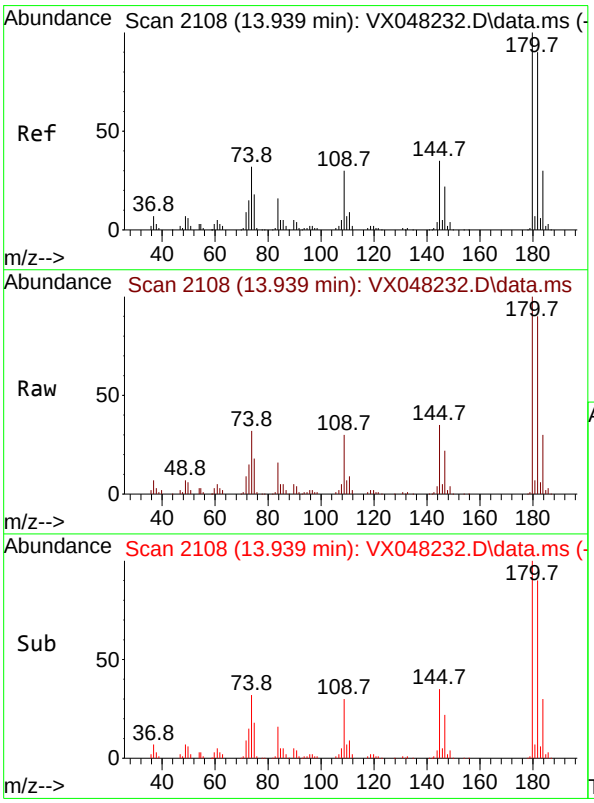
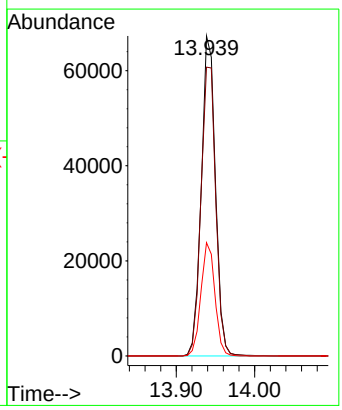


#96
1,2,3-Trichlorobenzene
Concen: 54.281 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 84279

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.7
145	35.0	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	89.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 178.120%#			
35) Dibromofluoromethane	5.373	113	129919	99.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.400%#			
50) Toluene-d8	8.634	98	448948	95.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 191.260%#			
62) 4-Bromofluorobenzene	11.061	95	167565	97.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.000%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	127029	102.960	ug/l	97
3) Chloromethane	1.300	50	111895	74.863	ug/l	100
4) Vinyl Chloride	1.379	62	108564	68.931	ug/l	100
5) Bromomethane	1.605	94	65752	62.780	ug/l	99
6) Chloroethane	1.690	64	66332	66.181	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	86.283	ug/l	98
8) Diethyl Ether	2.135	74	58302	69.141	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	98.309	ug/l	96
10) Methyl Iodide	2.452	142	183697	110.092	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	647.864	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	96.282	ug/l	93
13) Acrolein	2.239	56	87244	343.554	ug/l	100
14) Allyl chloride	2.666	41	214290	87.456	ug/l	98
15) Acrylonitrile	3.056	53	298022	514.707	ug/l	100
16) Acetone	2.373	43	260058	418.616	ug/l	99
17) Carbon Disulfide	2.513	76	380127	90.700	ug/l	99
18) Methyl Acetate	2.702	43	120920	95.565	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	104.130	ug/l	97
20) Methylene Chloride	2.788	84	140317	92.718	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	98.694	ug/l	96
22) Diisopropyl ether	3.751	45	420126	87.566	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	480.325	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	91.164	ug/l	99
25) 2-Butanone	4.543	43	353741	488.753	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	98.275	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	97.727	ug/l	98
28) Bromochloromethane	4.885	49	108536	86.505	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	509.471	ug/l	93
30) Chloroform	5.080	83	264966	92.461	ug/l	98
31) Cyclohexane	5.464	56	217717	97.754	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	105.334	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.194	ug/l	99
37) Ethyl Acetate	4.702	43	153844	104.863	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	107.719	ug/l	99
39) Methylcyclohexane	7.366	83	235208	113.637	ug/l	95
40) Benzene	6.025	78	535407	98.221	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.909	41	83790	106.641 ug/l		97
42) 1,2-Dichloroethane	6.074	62	198348	101.562 ug/l		99
43) Isopropyl Acetate	6.324	43	256067	103.976 ug/l		95
44) Trichloroethene	7.110	130	142779	103.931 ug/l		99
45) 1,2-Dichloropropane	7.415	63	130188	94.368 ug/l		96
46) Dibromomethane	7.567	93	98105	98.835 ug/l		94
47) Bromodichloromethane	7.805	83	215302	100.358 ug/l		99
48) Methyl methacrylate	7.677	41	131454	104.272 ug/l		95
49) 1,4-Dioxane	7.647	88	35972	3169.845 ug/l		89
51) 4-Methyl-2-Pentanone	8.561	43	720980	526.103 ug/l		94
52) Toluene	8.701	92	341597	104.263 ug/l		99
53) t-1,3-Dichloropropene	8.963	75	215736	107.341 ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.465 ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	124910	102.180 ug/l		98
56) Ethyl methacrylate	9.104	69	196699	118.305 ug/l		94
57) 1,3-Dichloropropane	9.293	76	214853	100.598 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	592.044 ug/l		96
59) 2-Hexanone	9.415	43	509398	531.416 ug/l		95
60) Dibromochloromethane	9.506	129	166167	108.598 ug/l		100
61) 1,2-Dibromoethane	9.591	107	134662	107.431 ug/l		97
64) Tetrachloroethene	9.256	164	121163	105.633 ug/l		97
65) Chlorobenzene	10.061	112	375532	104.990 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	109.080 ug/l		97
67) Ethyl Benzene	10.177	91	656925	107.128 ug/l		98
68) m/p-Xylenes	10.286	106	490879	214.875 ug/l		100
69) o-Xylene	10.622	106	236648	110.042 ug/l		100
70) Styrene	10.640	104	407916	110.197 ug/l		99
71) Bromoform	10.780	173	109613	115.806 ug/l	#	98
73) Isopropylbenzene	10.945	105	624767	111.418 ug/l		99
74) N-amyl acetate	10.829	43	228080	109.030 ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	103.367 ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	130599m	106.083 ug/l		
77) Bromobenzene	11.183	156	153619	109.475 ug/l		93
78) n-propylbenzene	11.286	91	732684	107.747 ug/l		98
79) 2-Chlorotoluene	11.347	91	434217	105.691 ug/l		100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	112.876 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	117.466 ug/l		98
82) 4-Chlorotoluene	11.439	91	506861	104.983 ug/l		98
83) tert-Butylbenzene	11.695	119	529264	113.817 ug/l		98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	114.214 ug/l		99
85) sec-Butylbenzene	11.871	105	639904	112.562 ug/l		100
86) p-Isopropyltoluene	11.987	119	548119	114.386 ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	281617	107.314 ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	277908	102.163 ug/l		98
89) n-Butylbenzene	12.316	91	495486	111.016 ug/l		99
90) Hexachloroethane	12.518	117	107057	105.851 ug/l		93
91) 1,2-Dichlorobenzene	12.316	146	261022	105.277 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	124.320 ug/l		97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	122.679 ug/l		100
94) Hexachlorobutadiene	13.706	225	68645	121.605 ug/l		98
95) Naphthalene	13.755	128	511355	132.536 ug/l		99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	125.328 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 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

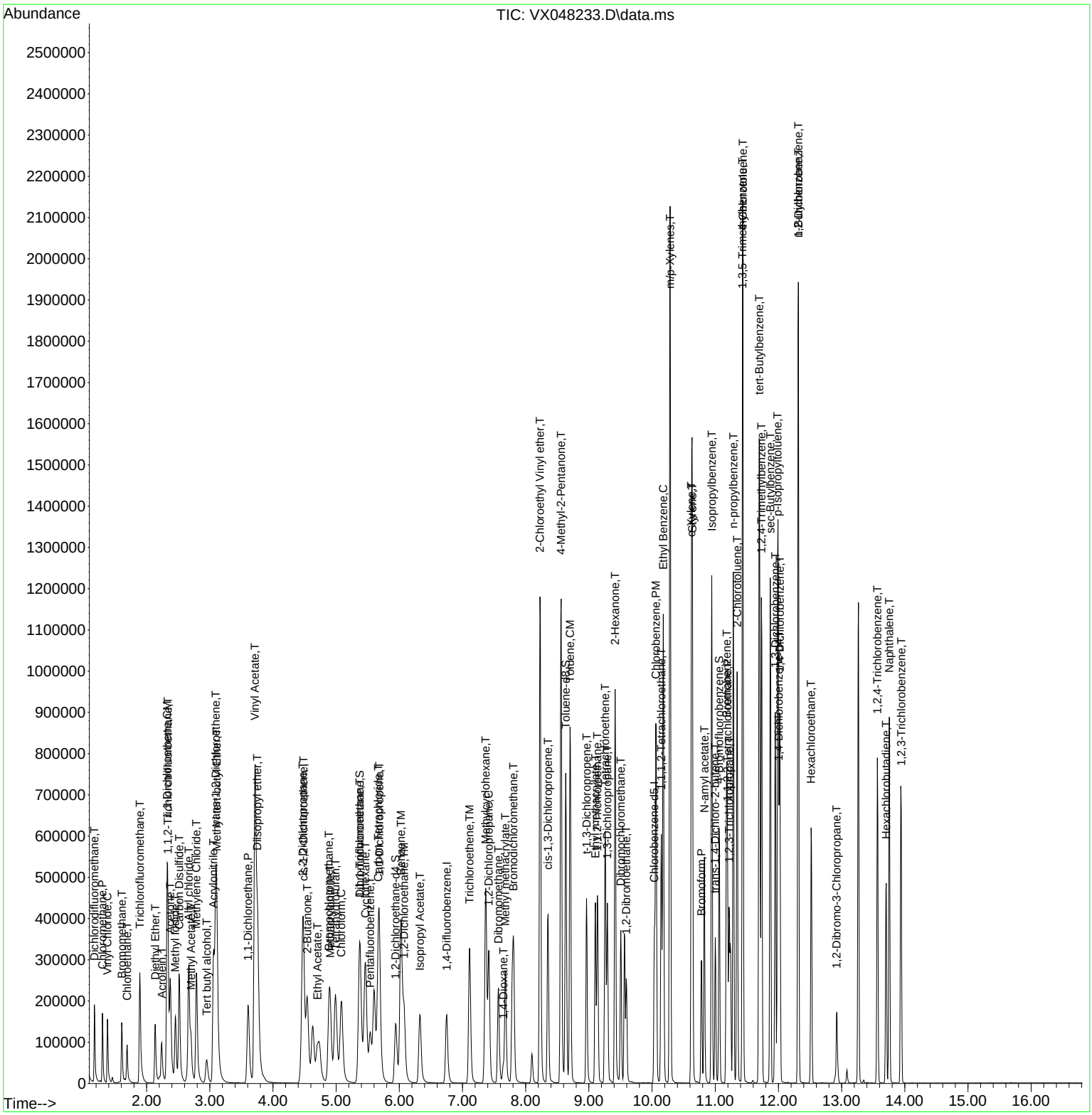
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

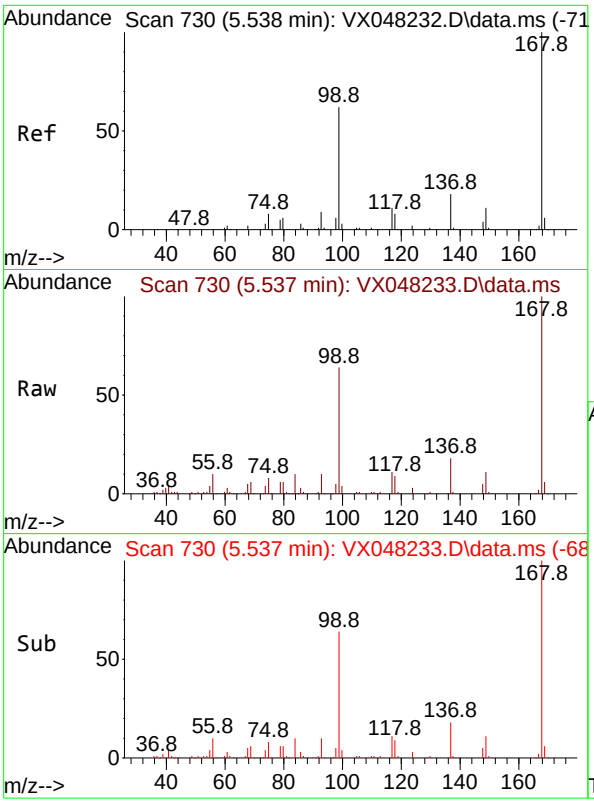
Quant Time: Oct 20 12:46:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

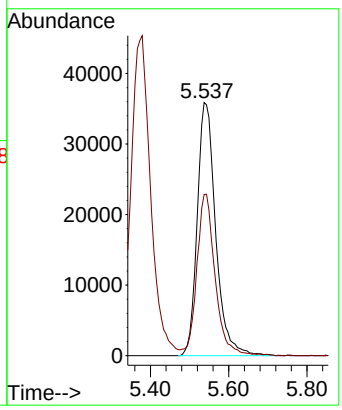




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:168 Resp: 11755

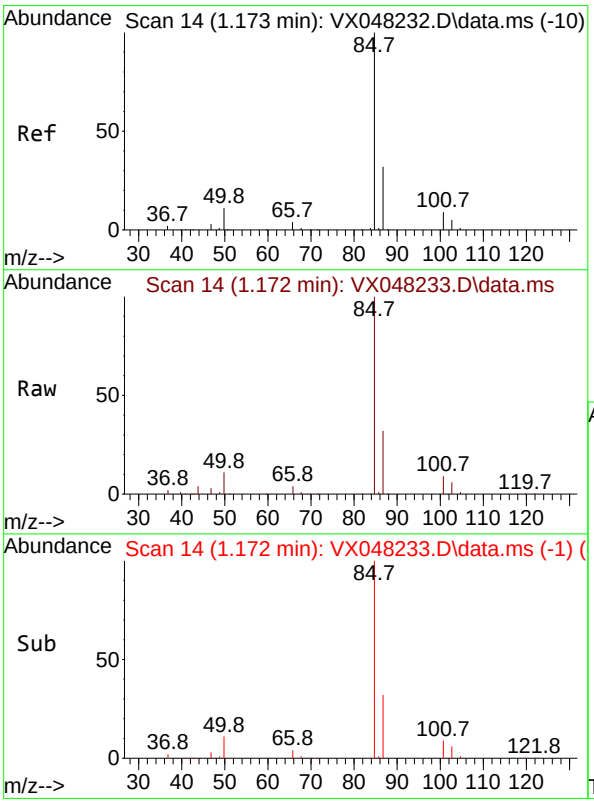
Ion	Ratio	Lower	Upper
168	100		
99	63.4	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

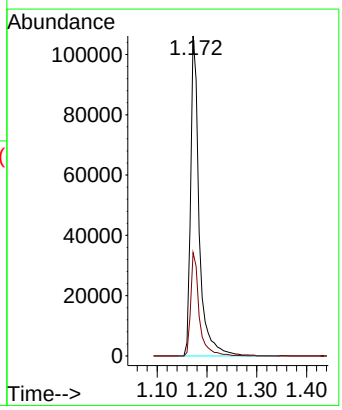
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

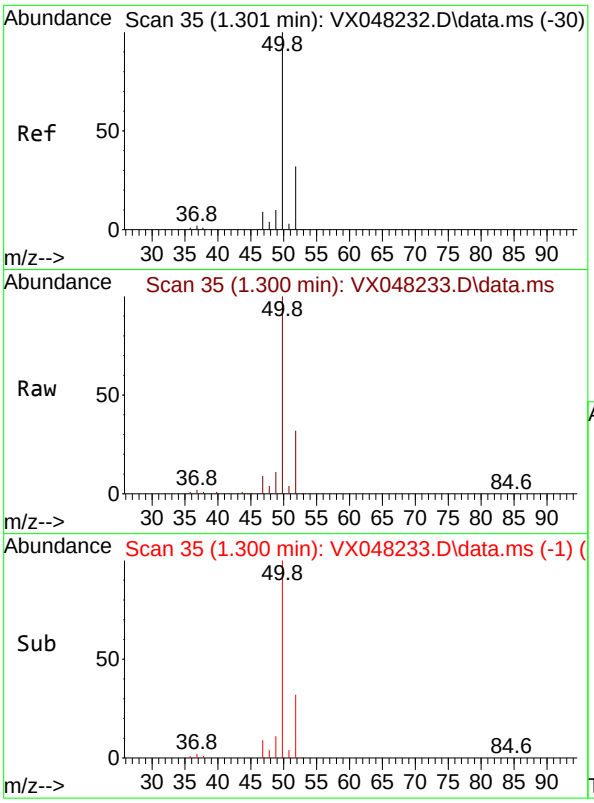


#2
Dichlorodifluoromethane
Concen: 102.960 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.3	45.9

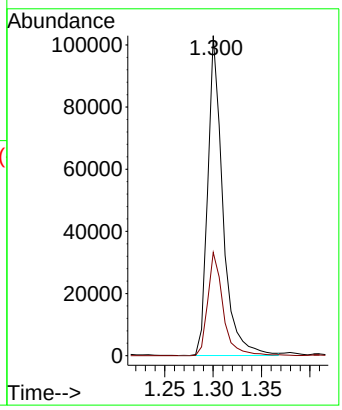




#3
Chloromethane
Concen: 74.863 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 50 Resp: 11189

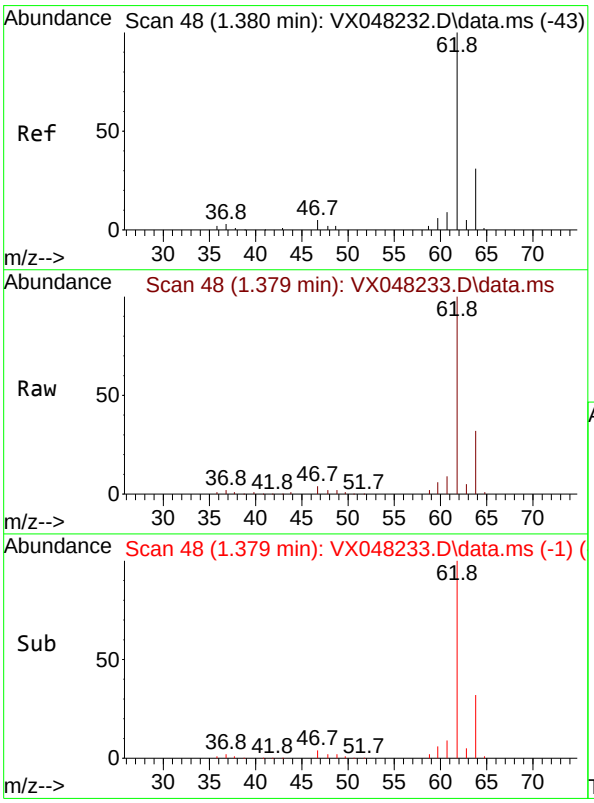
Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

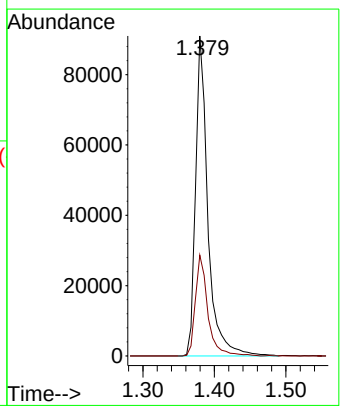
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

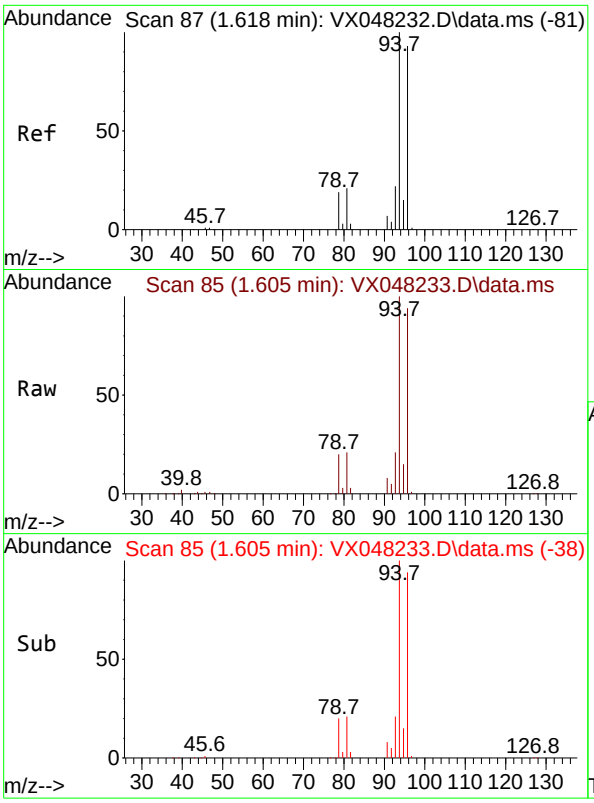


#4
Vinyl Chloride
Concen: 68.931 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 108564

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7

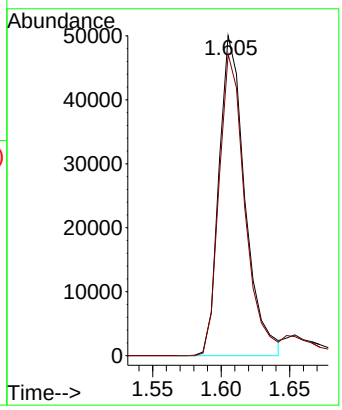




#5
Bromomethane
Concen: 62.780 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 94 Resp: 6575

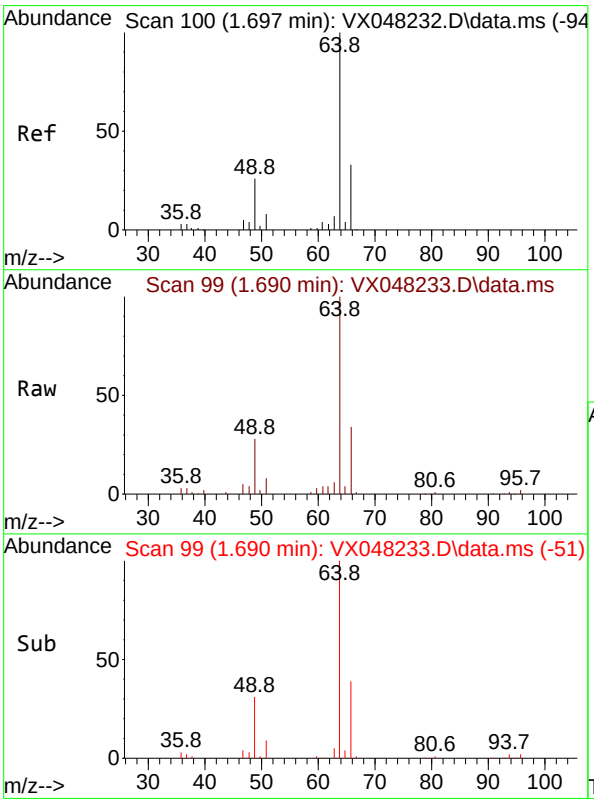
Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

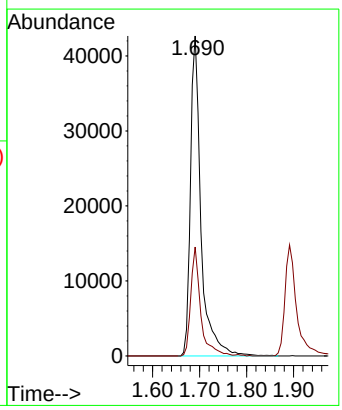
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

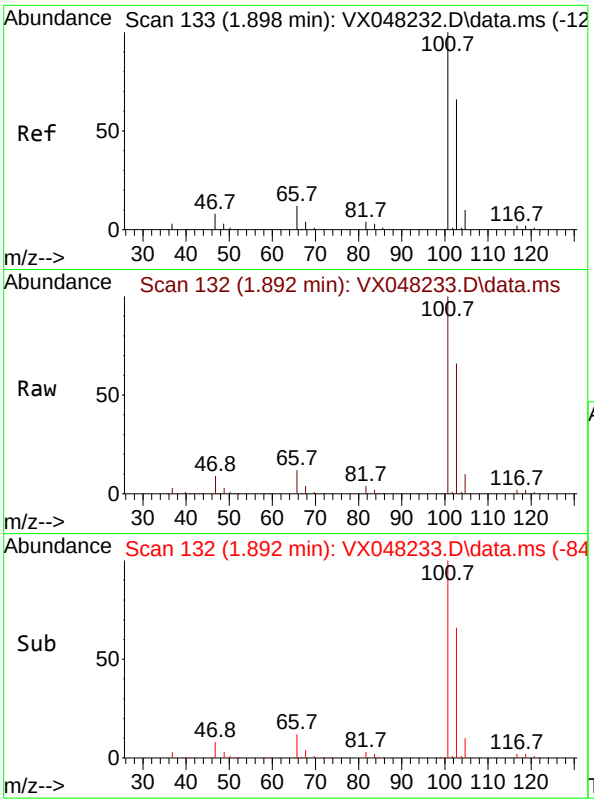


#6
Chloroethane
Concen: 66.181 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 64 Resp: 66332

Ion	Ratio	Lower	Upper
64	100		
66	34.0	23.9	35.9





#7
Trichlorofluoromethane
Concen: 86.283 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

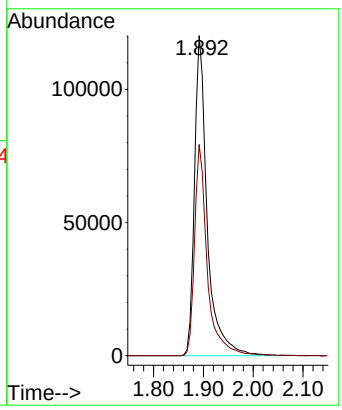
Tgt Ion:101 Resp: 21330

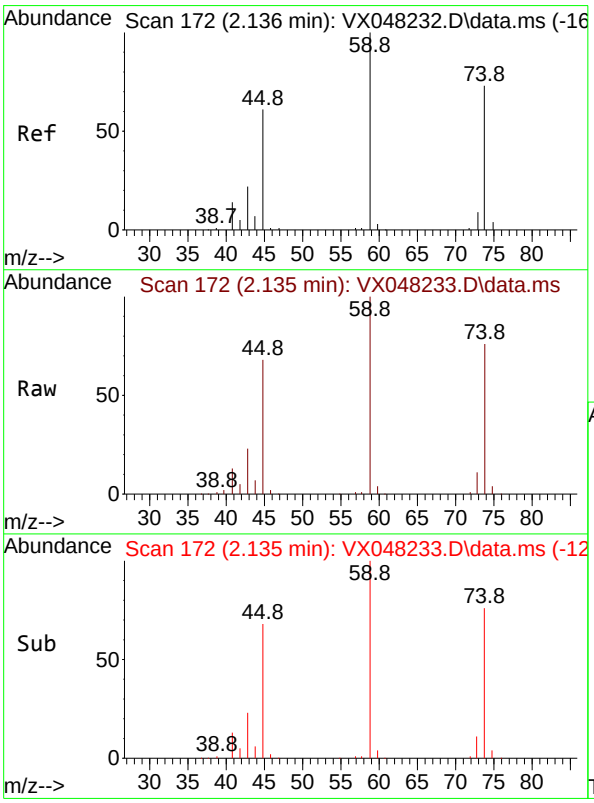
Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

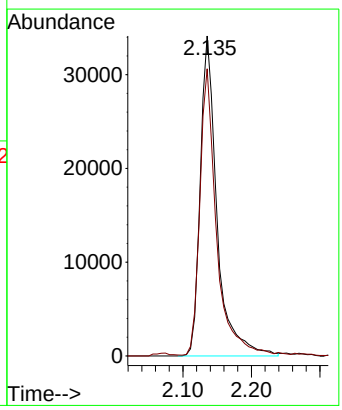


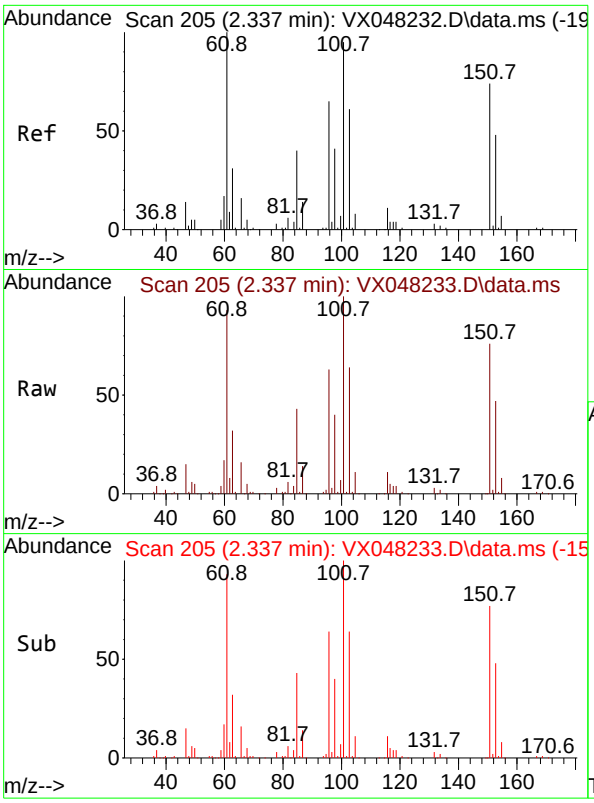


#8
Diethyl Ether
Concen: 69.141 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 74 Resp: 58302

Ion	Ratio	Lower	Upper
74	100		
45	88.0	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.309 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:101 Resp: 13695

Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.6	53.4
151	76.5	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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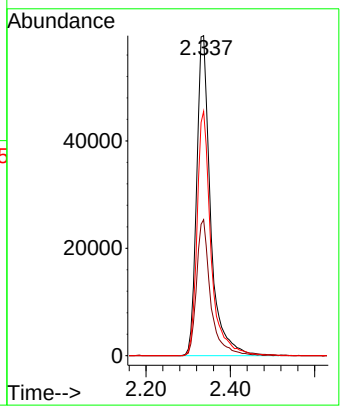
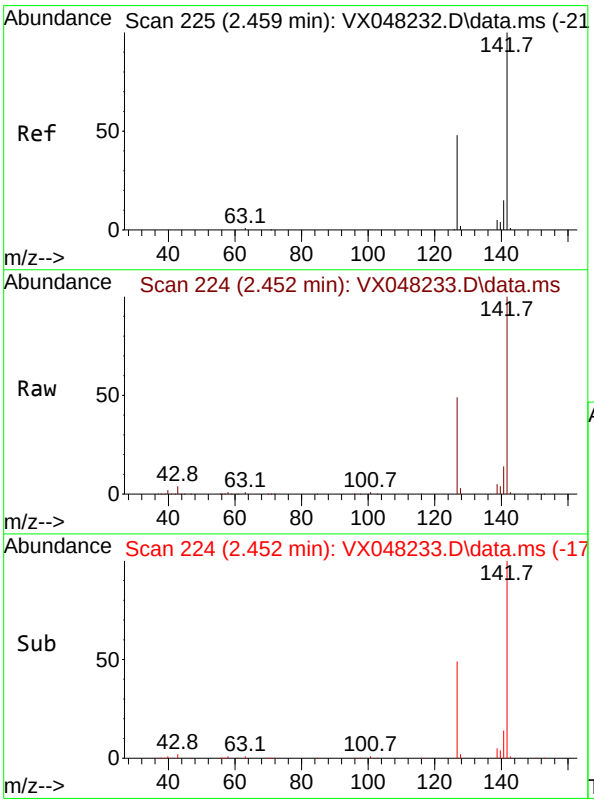
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

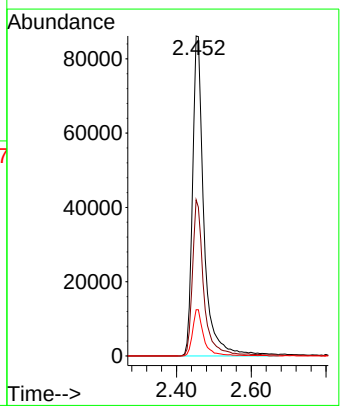


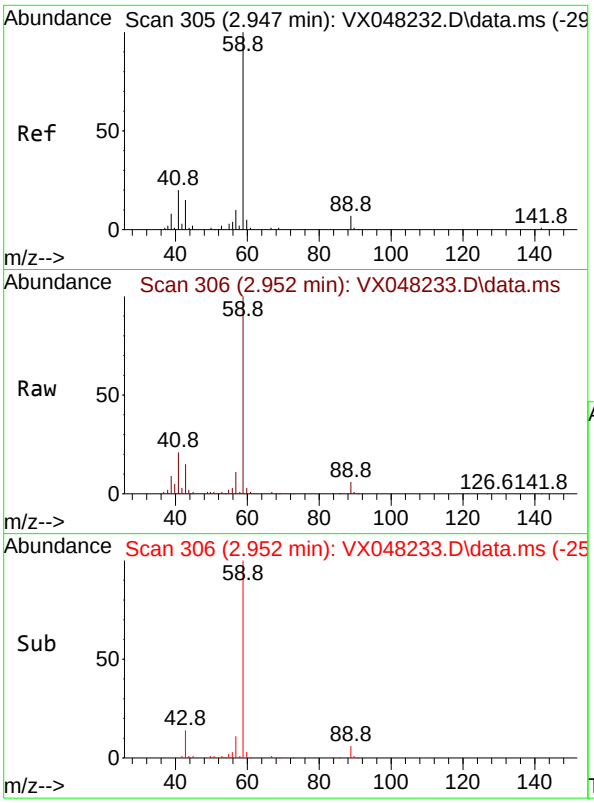


#10
Methyl Iodide
Concen: 110.092 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697

Ion	Ratio	Lower	Upper
142	100		
127	47.6	38.5	57.7
141	14.1	11.6	17.4

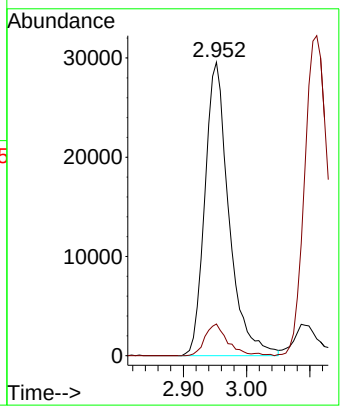




#11
Tert butyl alcohol
Concen: 647.864 ug/l
RT: 2.952 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 59 Resp: 7828

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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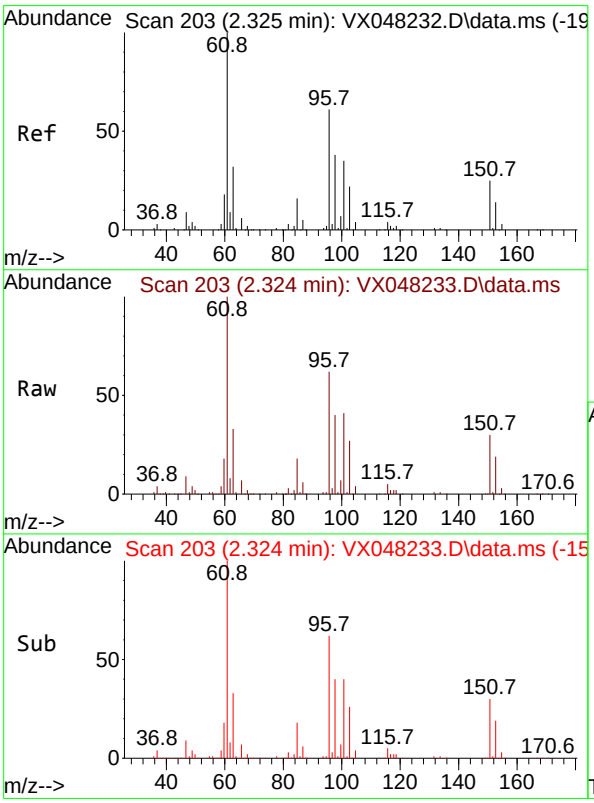
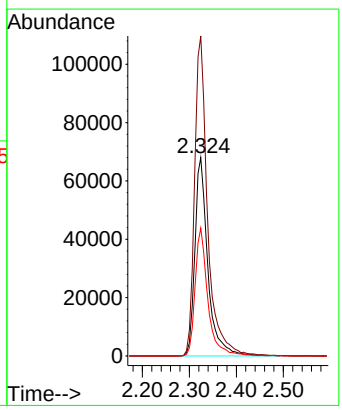
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

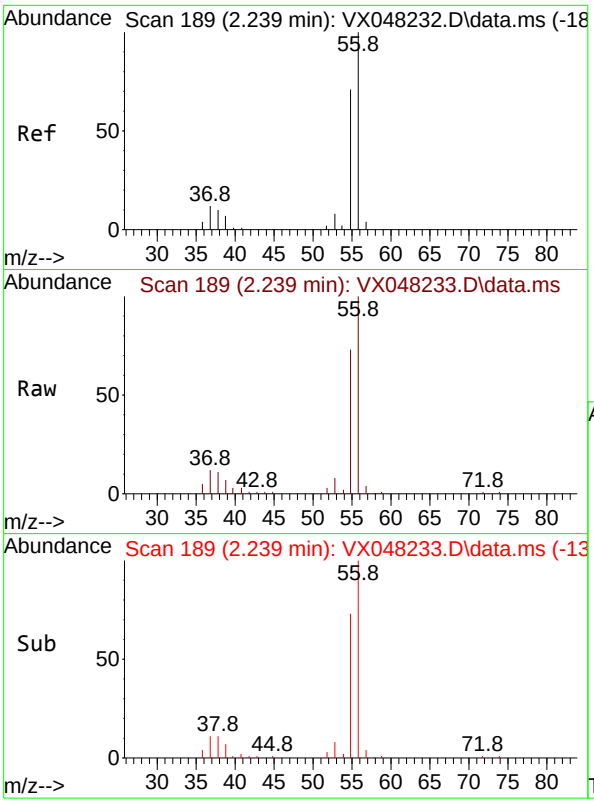


#12
1,1-Dichloroethene
Concen: 96.282 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 131152

Ion	Ratio	Lower	Upper
96	100		
61	161.2	139.0	208.6
98	64.4	52.4	78.6

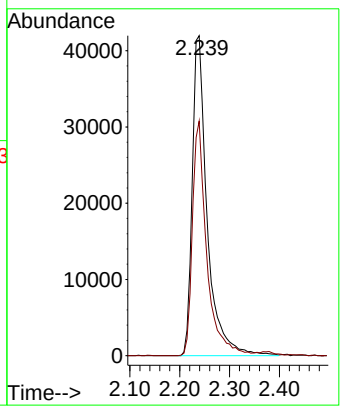




#13
Acrolein
Concen: 343.554 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 56 Resp: 8724

Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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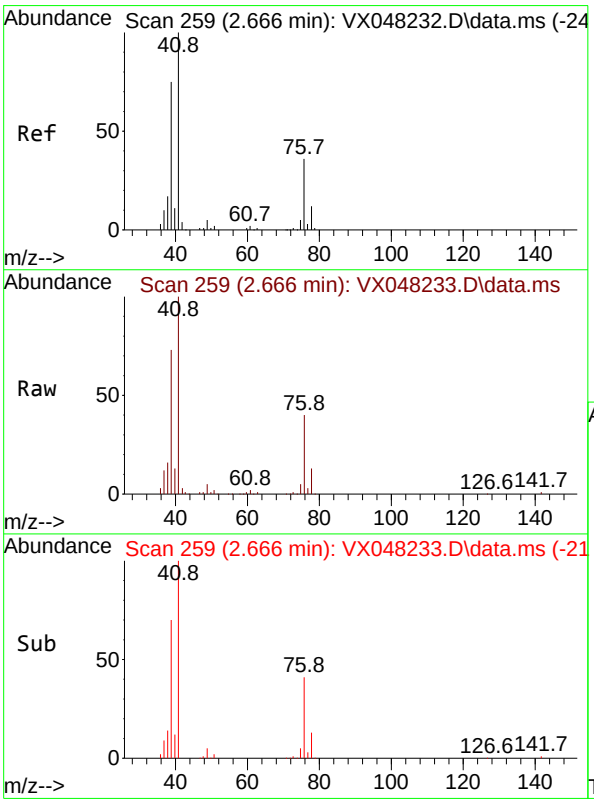
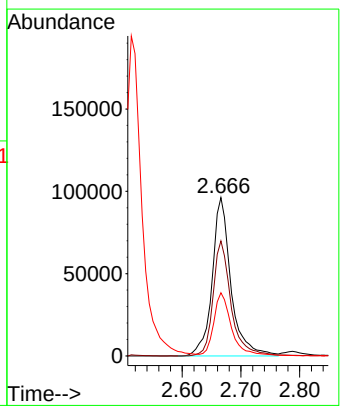
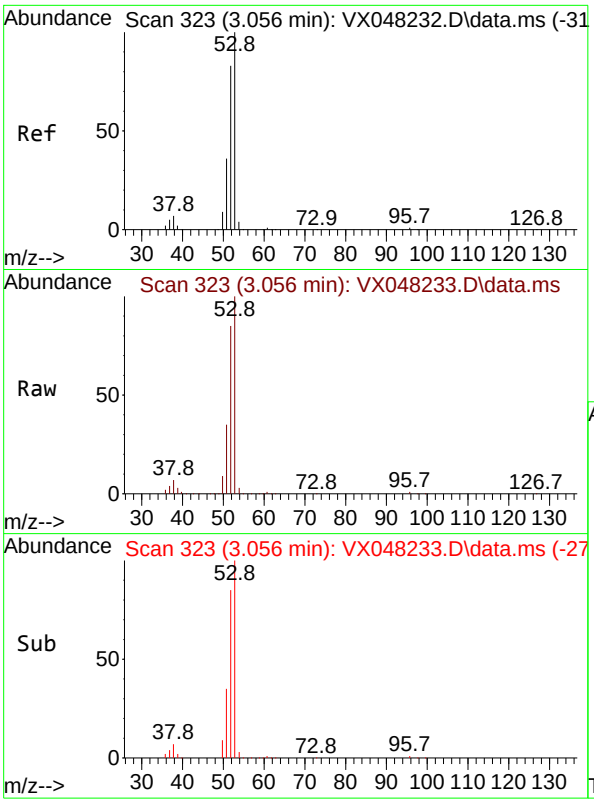


#14
Allyl chloride
Concen: 87.456 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 214290

Ion	Ratio	Lower	Upper
41	100		
39	69.5	56.0	84.0
76	37.6	27.5	41.3

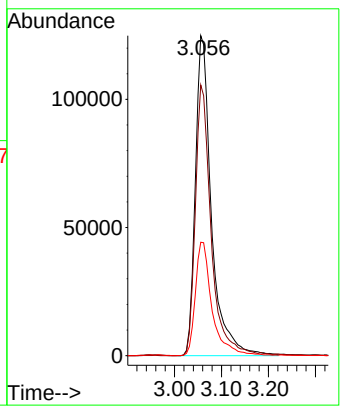




#15
Acrylonitrile
Concen: 514.707 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 53 Resp: 29802

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	37.0	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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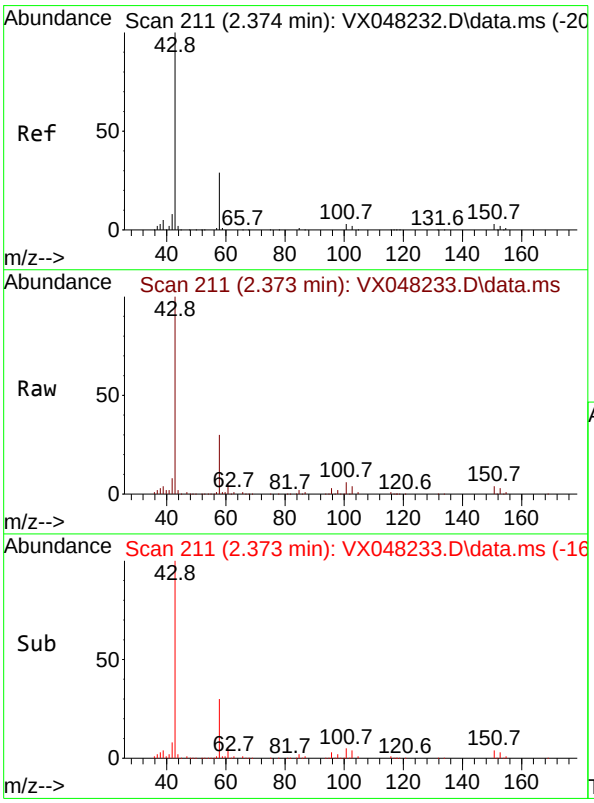
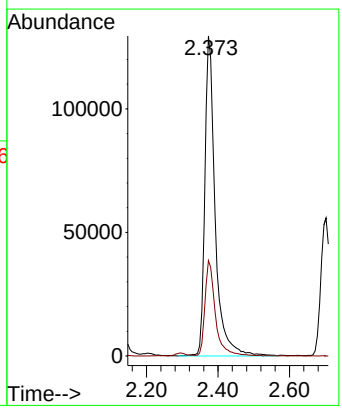
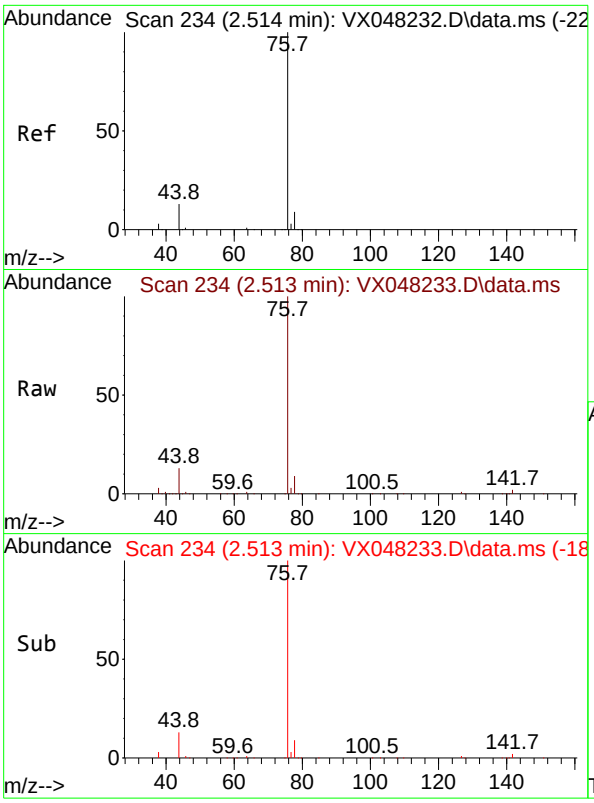


#16
Acetone
Concen: 418.616 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.2





#17
Carbon Disulfide
Concen: 90.700 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 76 Resp: 38012

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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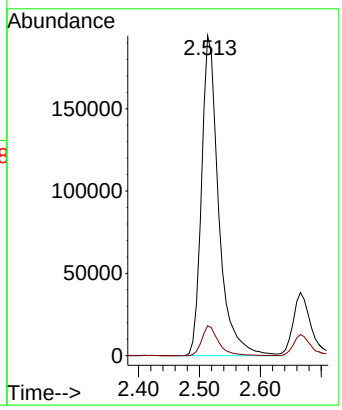
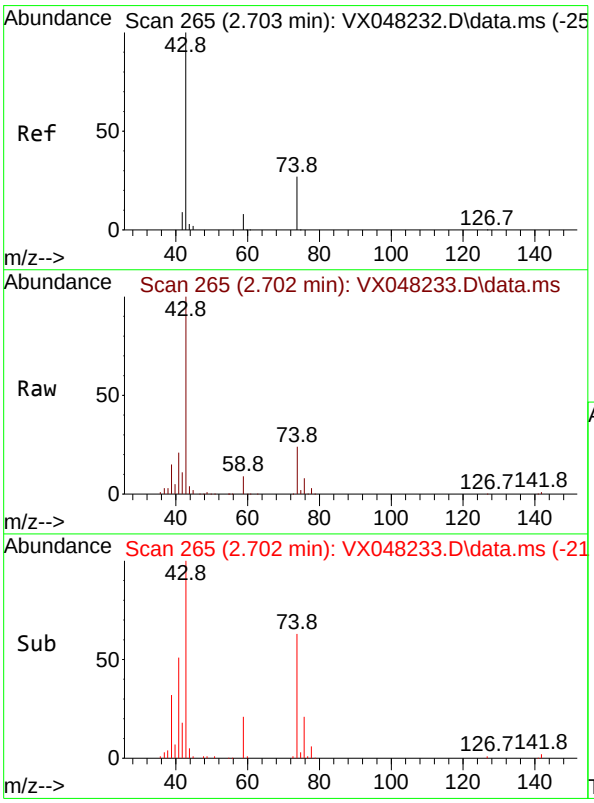
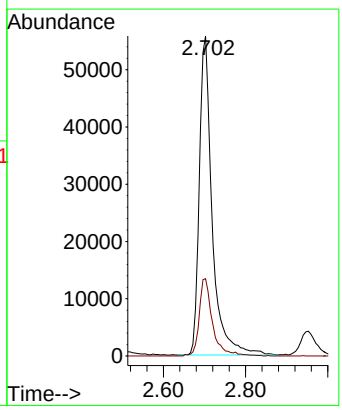


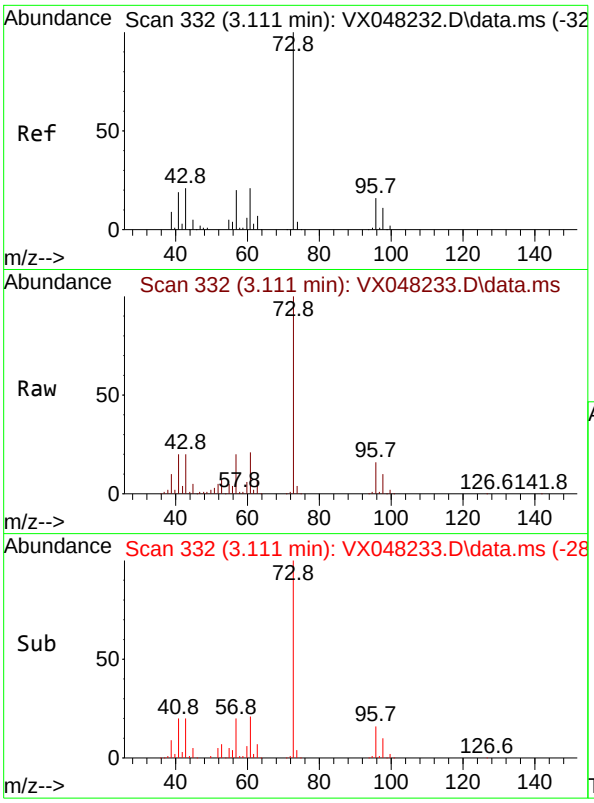


#18
Methyl Acetate
Concen: 95.565 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 120920

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.5	26.3

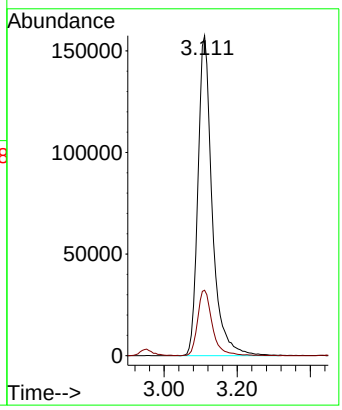




#19
Methyl tert-butyl Ether
Concen: 104.130 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 73 Resp: 42725

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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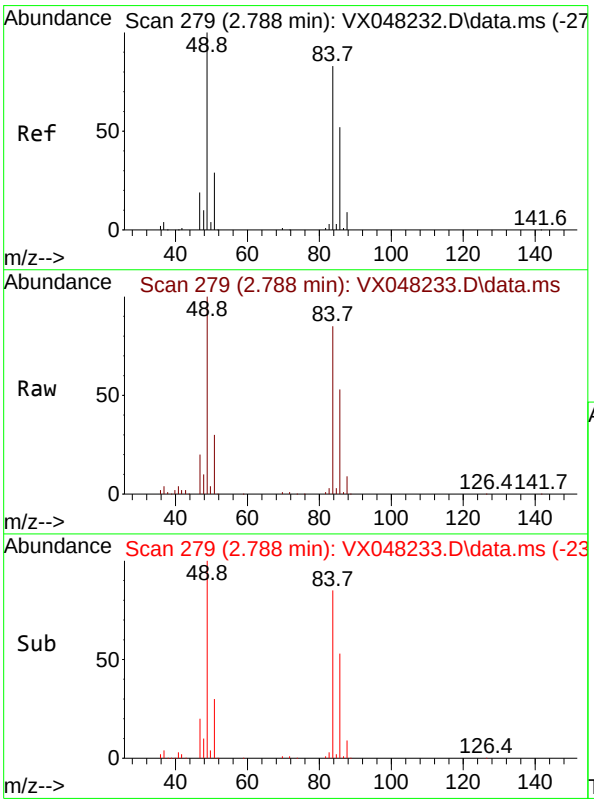
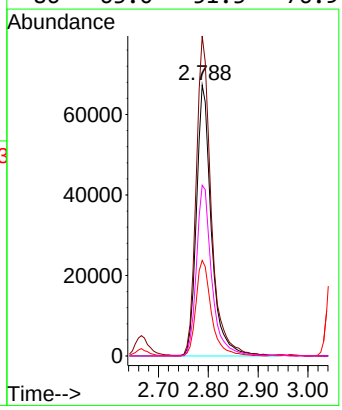
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

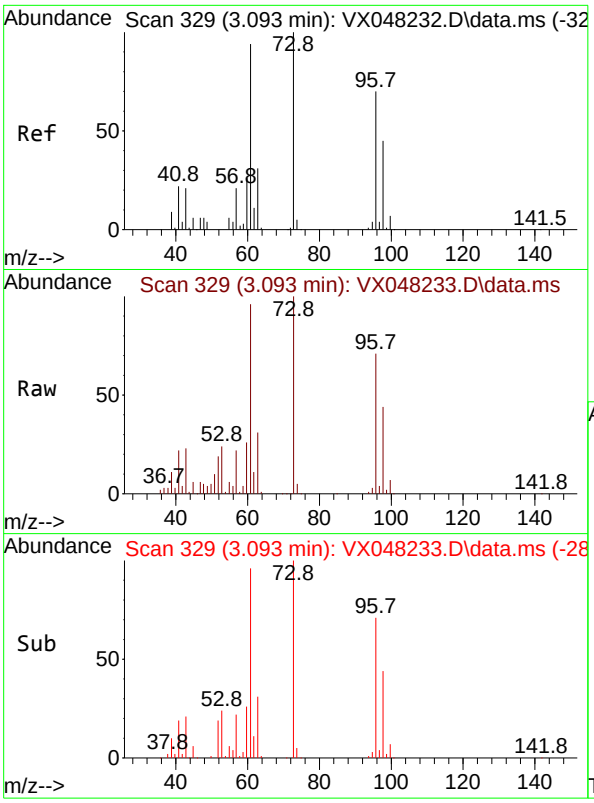


#20
Methylene Chloride
Concen: 92.718 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 84 Resp: 140317

Ion	Ratio	Lower	Upper
84	100		
49	117.9	104.1	156.1
51	35.3	31.3	46.9
86	63.0	51.3	76.9

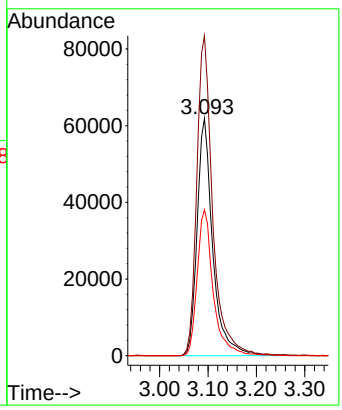




#21
trans-1,2-Dichloroethene
Concen: 98.694 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 13908

Ion	Ratio	Lower	Upper
96	100		
61	134.9	111.9	167.9
98	61.5	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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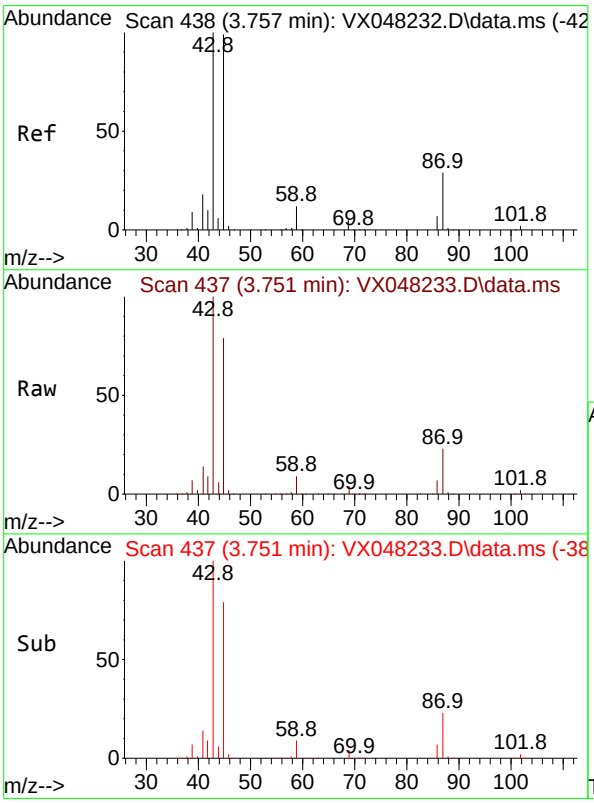
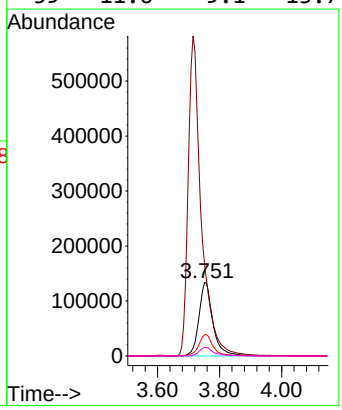
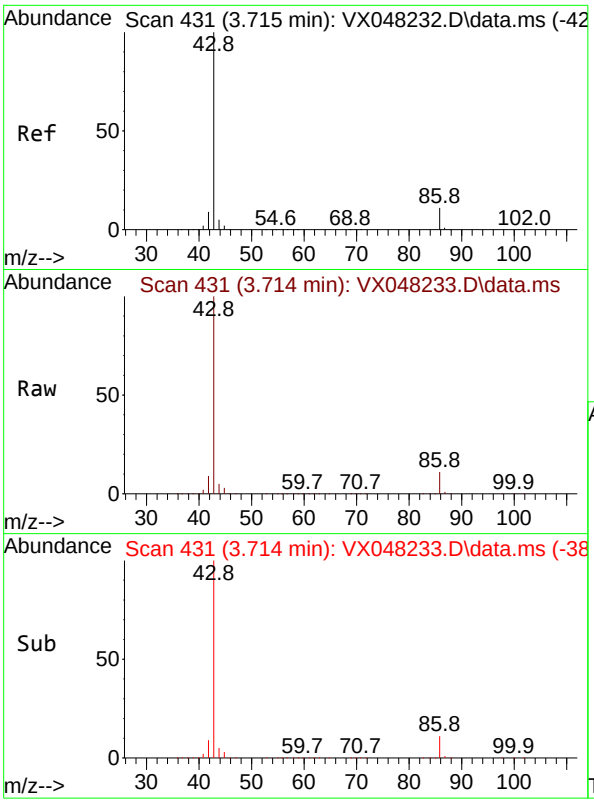


#22
Diisopropyl ether
Concen: 87.566 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126

Ion	Ratio	Lower	Upper
45	100		
43	126.6	89.8	134.8
87	29.0	20.6	31.0
59	11.6	9.1	13.7





#23
Vinyl Acetate
Concen: 480.325 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 172317

Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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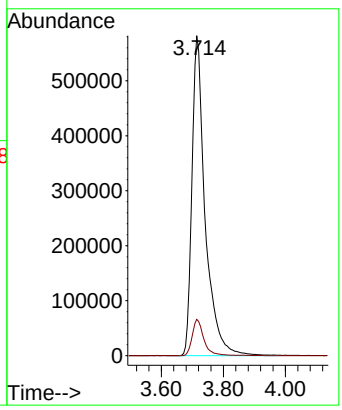
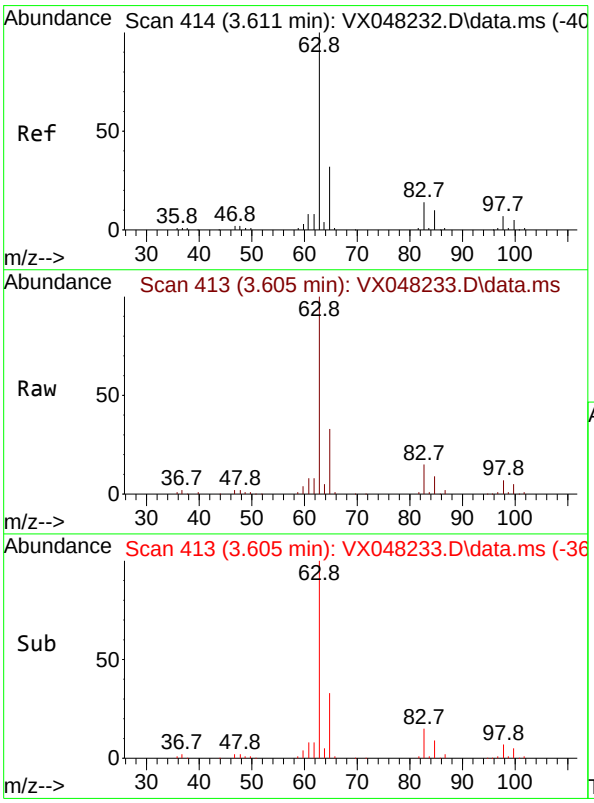
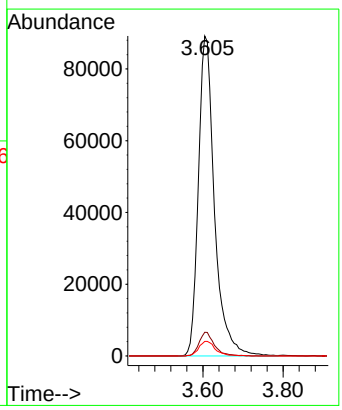


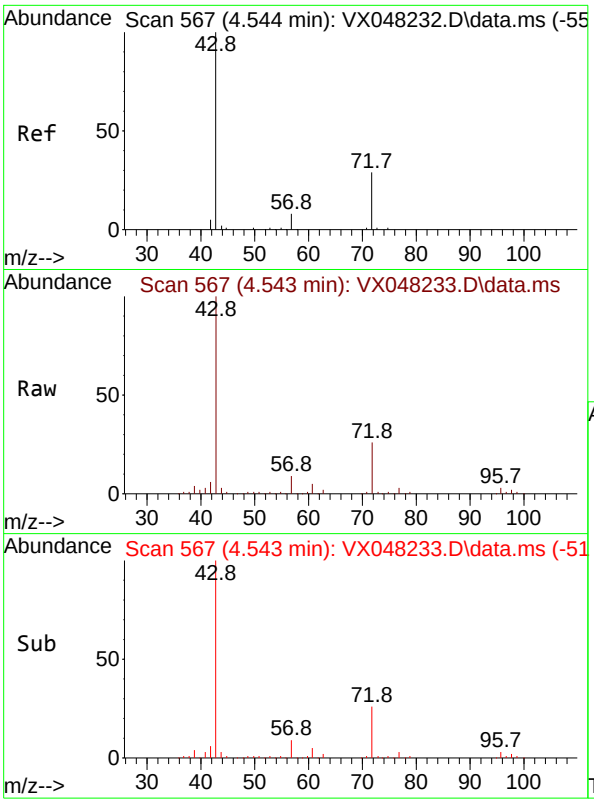


#24
1,1-Dichloroethane
Concen: 91.164 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.5	10.6
100	4.6	2.1	6.3





#25
2-Butanone
Concen: 488.753 ug/l
RT: 4.543 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 35374

Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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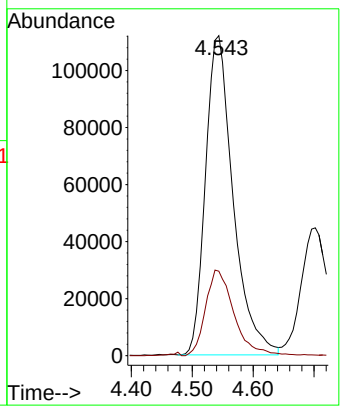
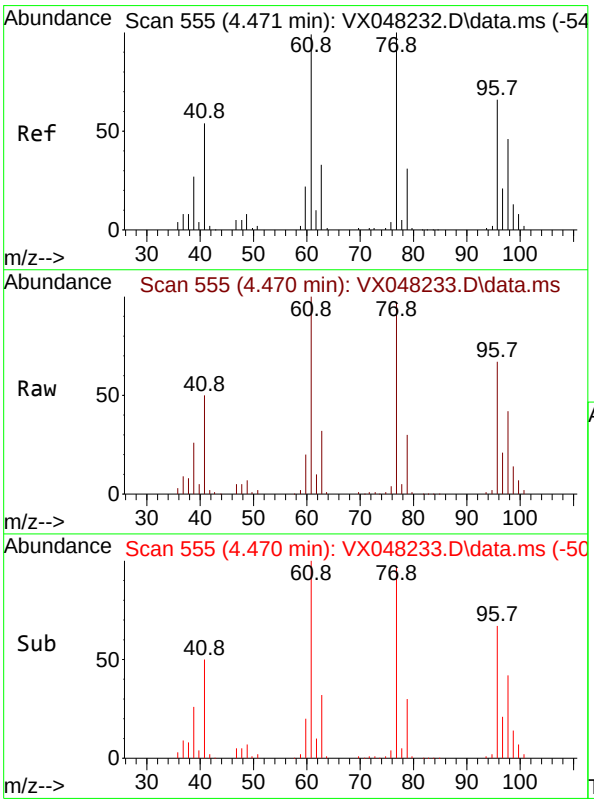
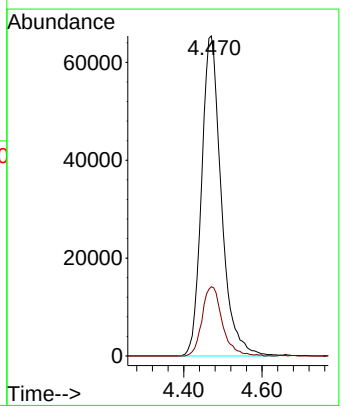


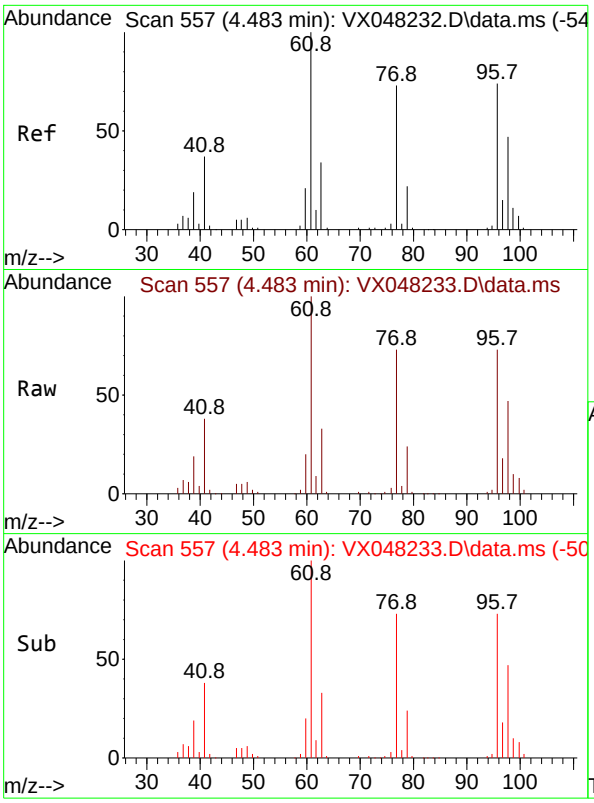


#26
2,2-Dichloropropane
Concen: 98.275 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 97.727 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 16344

Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	294.2
98	64.3	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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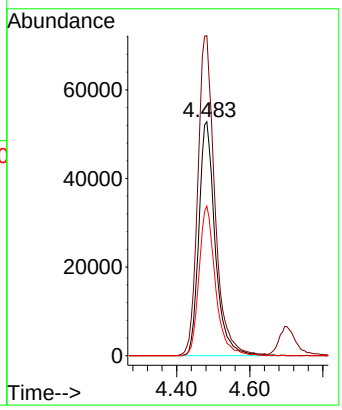
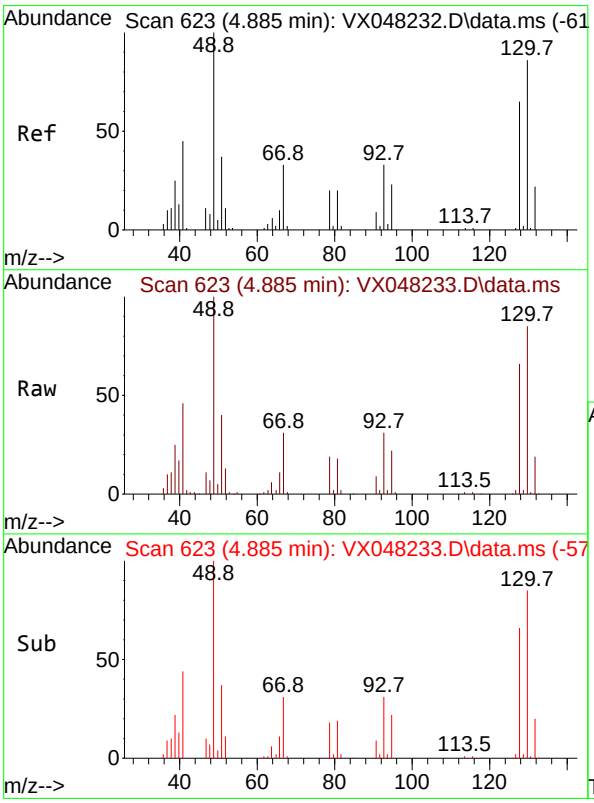
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

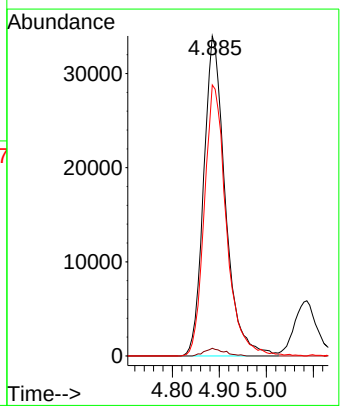


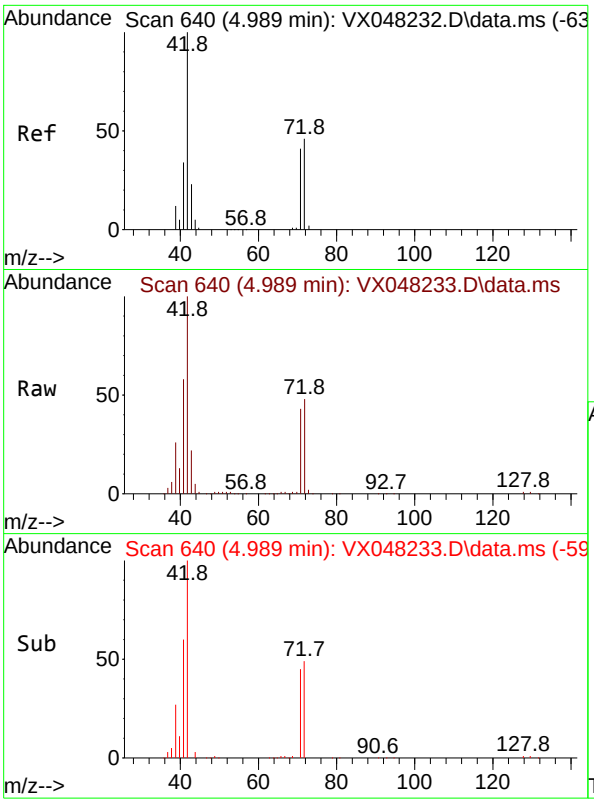


#28
Bromochloromethane
Concen: 86.505 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 49 Resp: 108536

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	86.4	59.3	88.9





#29
Tetrahydrofuran
Concen: 509.471 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 42 Resp: 21654

Ion	Ratio	Lower	Upper
42	100		
72	48.6	35.3	52.9
71	44.5	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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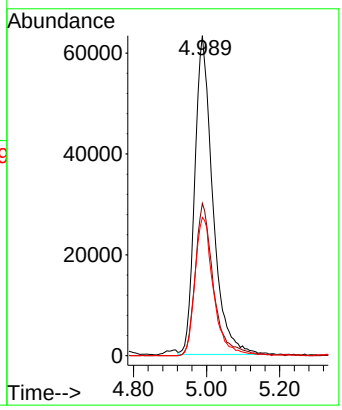
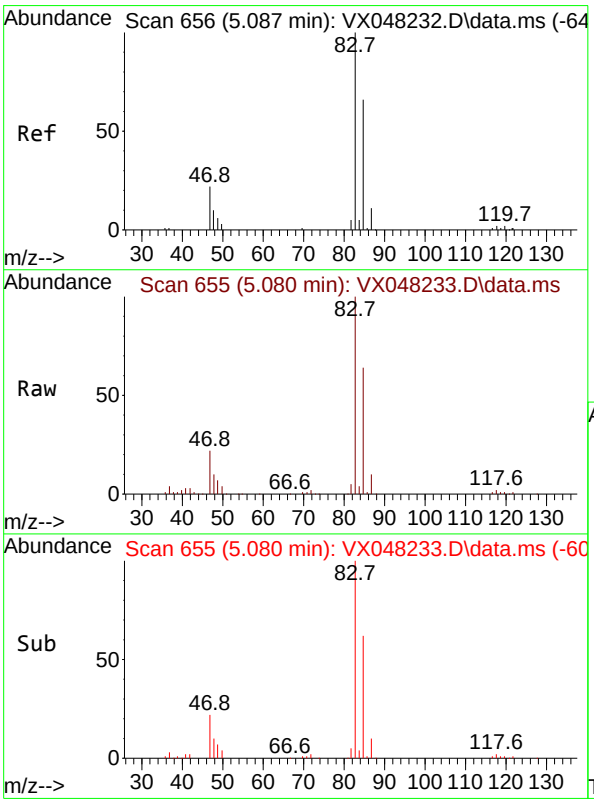
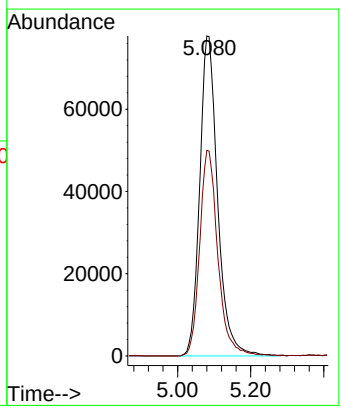


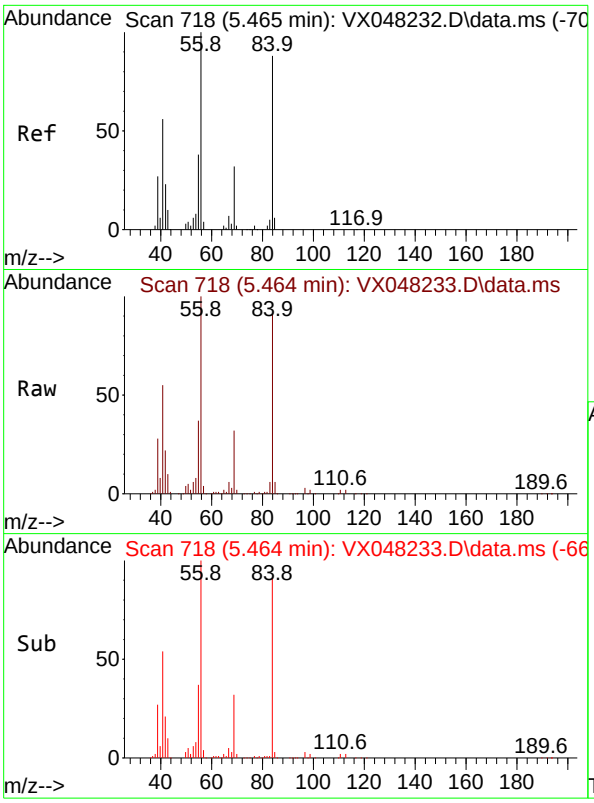


#30
Chloroform
Concen: 92.461 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 264966

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1





#31
Cyclohexane
Concen: 97.754 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 56 Resp: 21771

Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.0	34.6
84	89.2	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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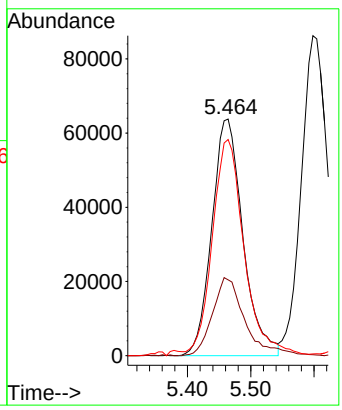
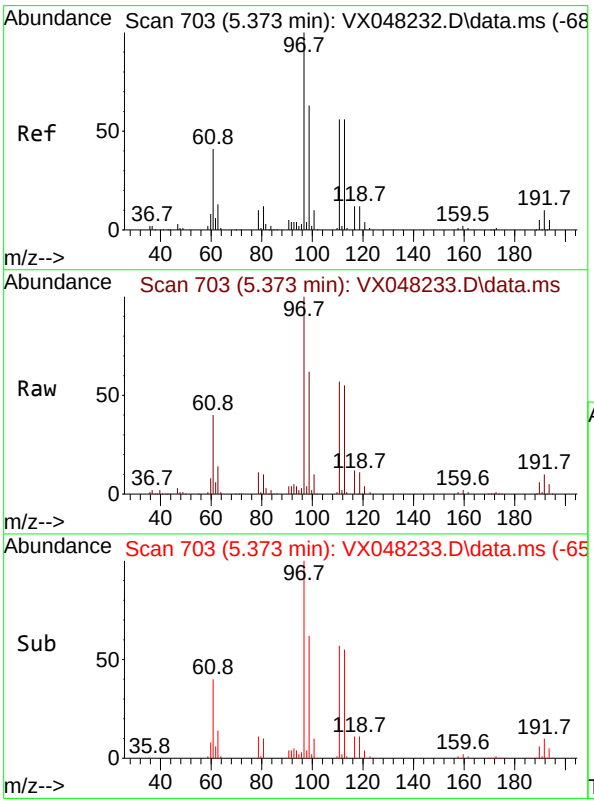
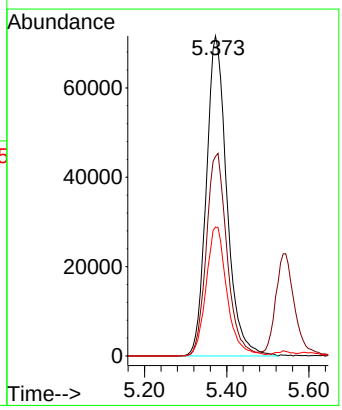


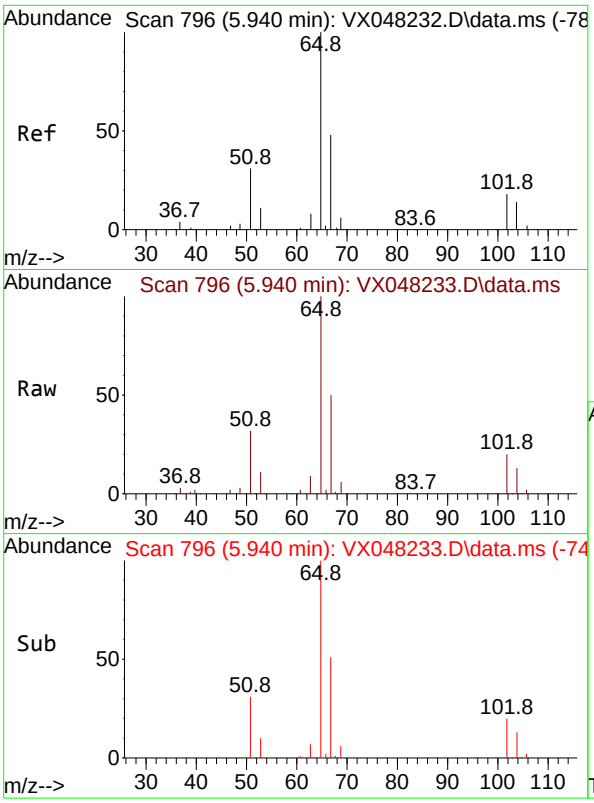


#32
1,1,1-Trichloroethane
Concen: 105.334 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.2	34.8	52.2

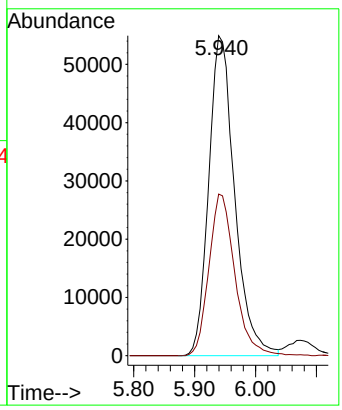




#33
1,2-Dichloroethane-d4
Concen: 89.060 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 65 Resp: 16218

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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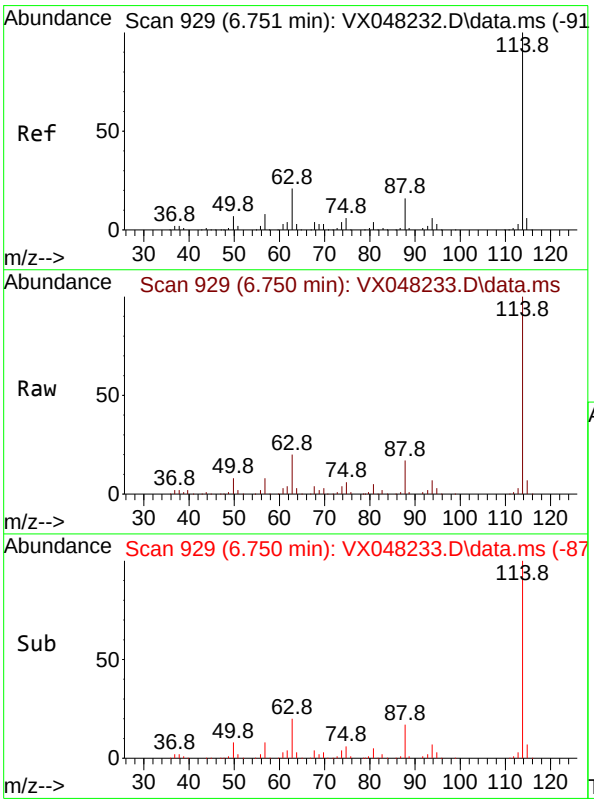
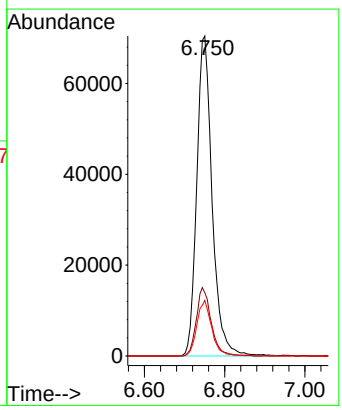
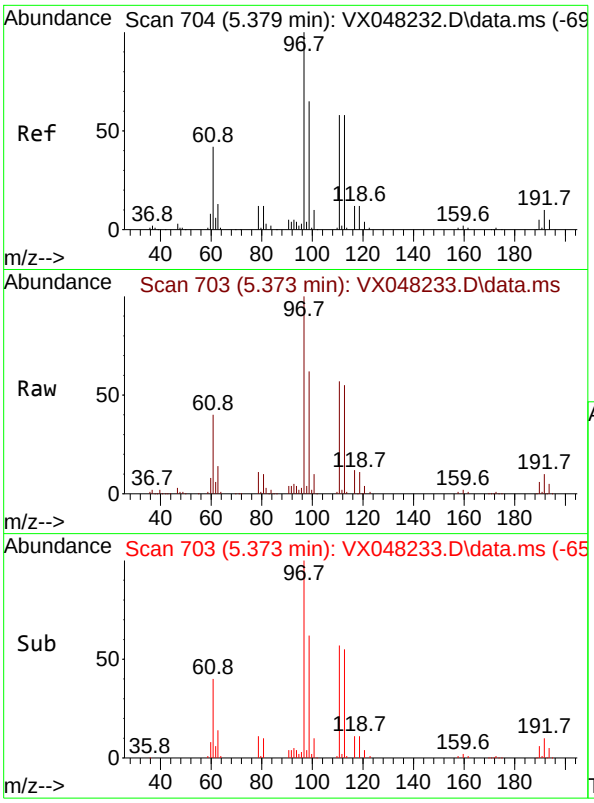


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:114 Resp: 187766

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	17.3	0.0	33.6

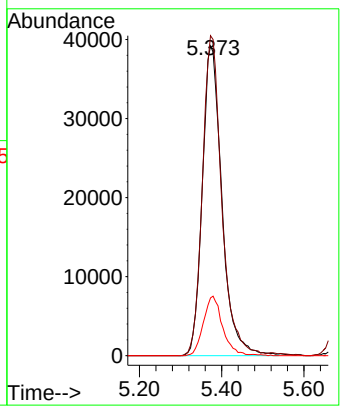




#35
Dibromofluoromethane
Concen: 99.697 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:113 Resp: 12991

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	19.0	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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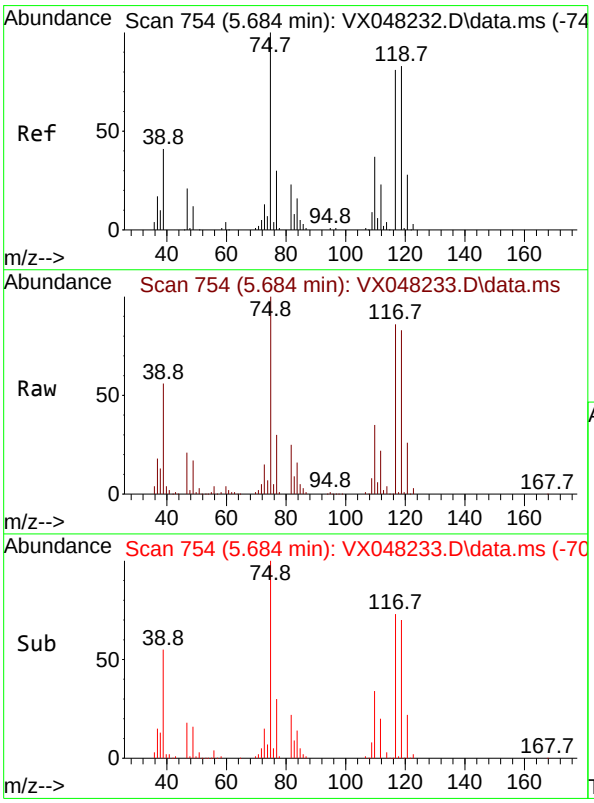
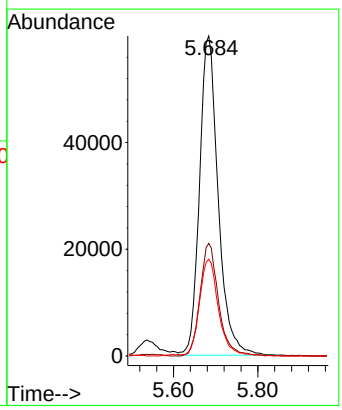
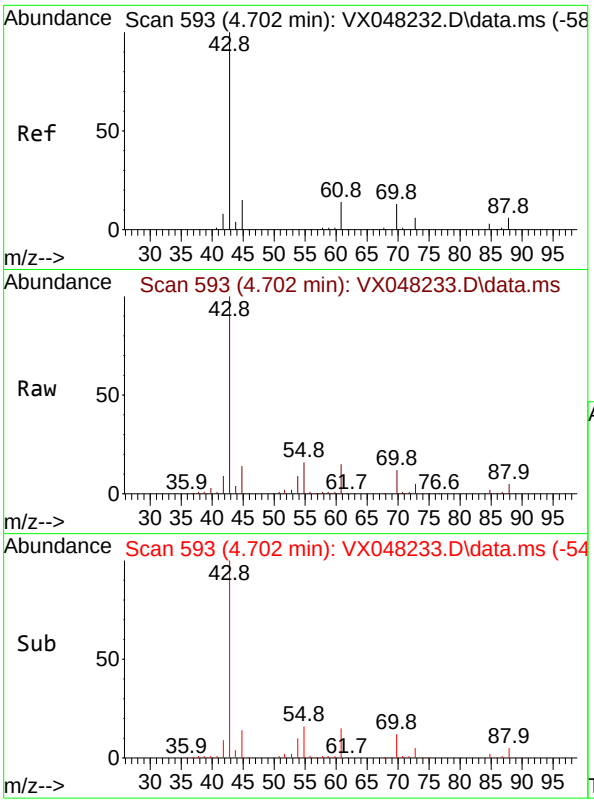


#36
1,1-Dichloropropene
Concen: 100.194 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 183932

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.7	53.1
77	30.9	24.3	36.5

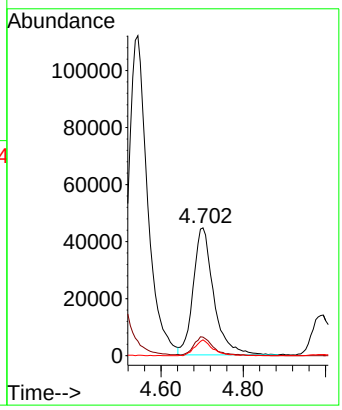




#37
Ethyl Acetate
Concen: 104.863 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 15384

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	10.7	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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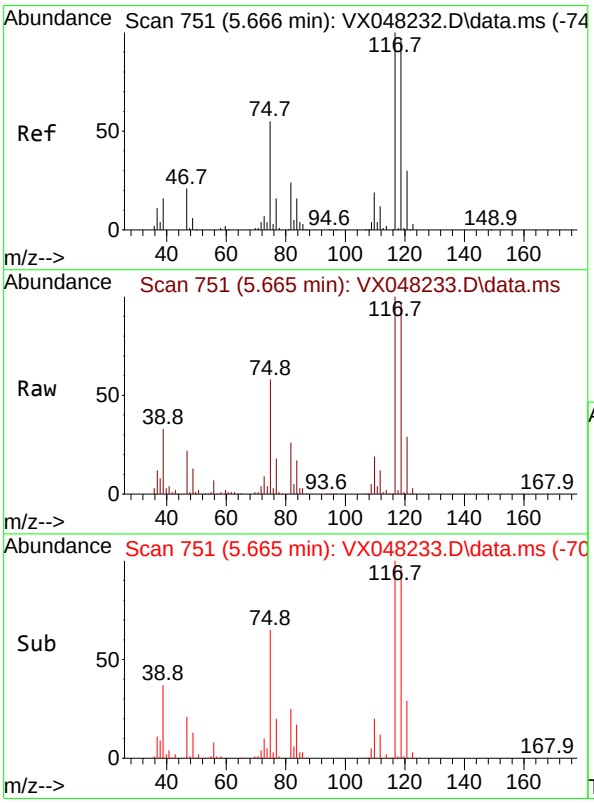
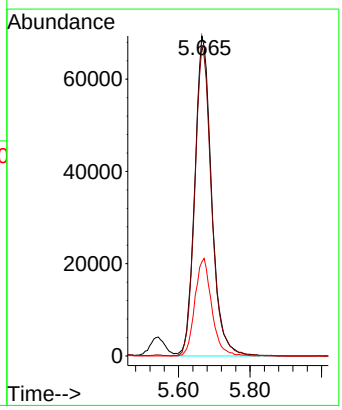
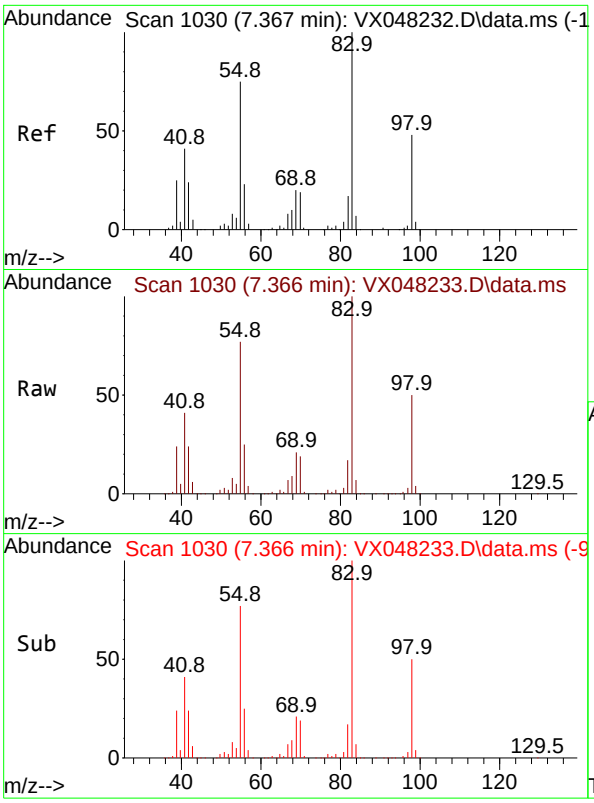


#38
Carbon Tetrachloride
Concen: 107.719 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 226976

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	29.4	24.8	37.2

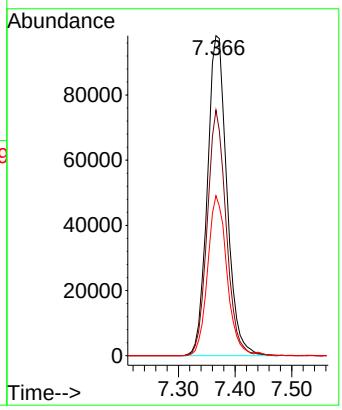




#39
Methylcyclohexane
Concen: 113.637 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 23520

Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.2	99.2
98	50.0	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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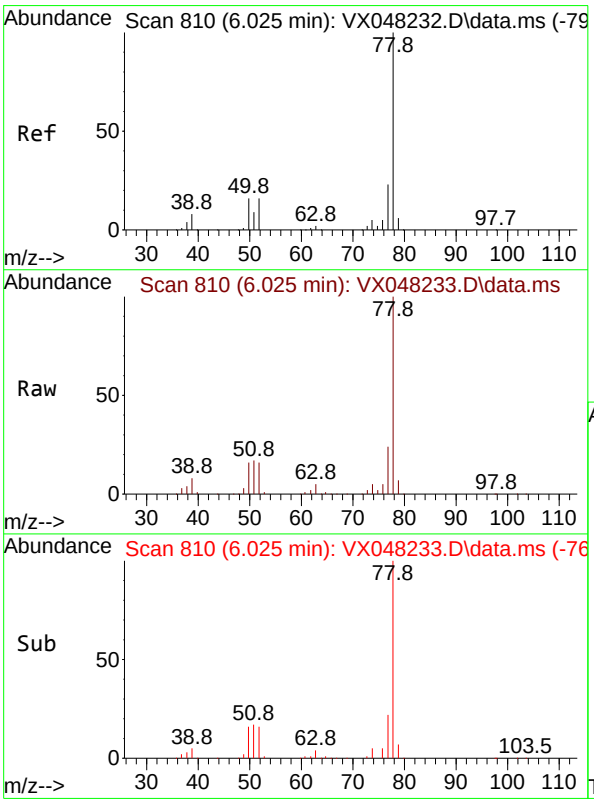
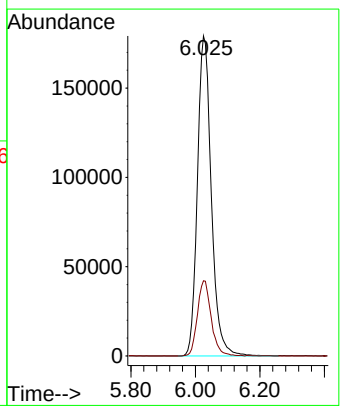
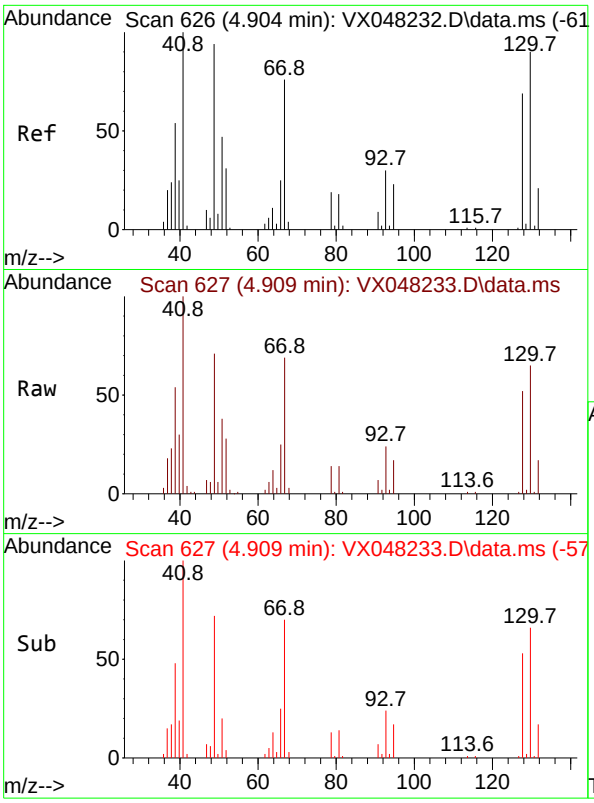


#40
Benzene
Concen: 98.221 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 78 Resp: 535407

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

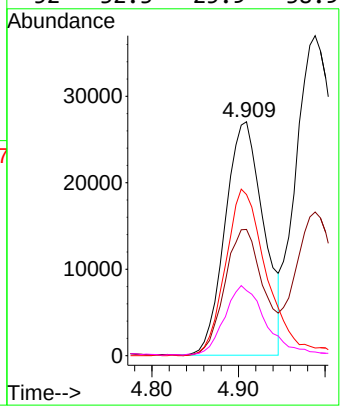




#41
Methacrylonitrile
Concen: 106.641 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 8379

Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	77.7	58.7	88.1
52	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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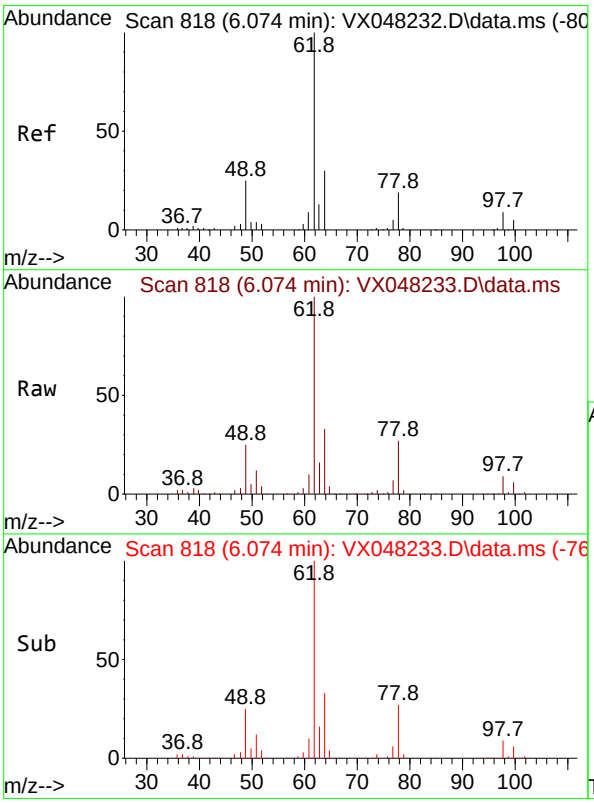
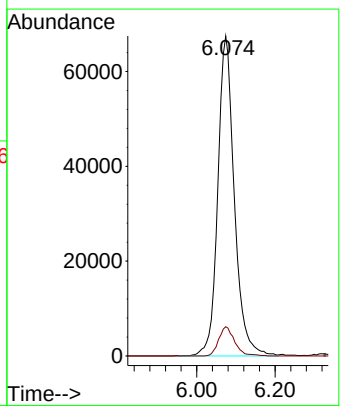
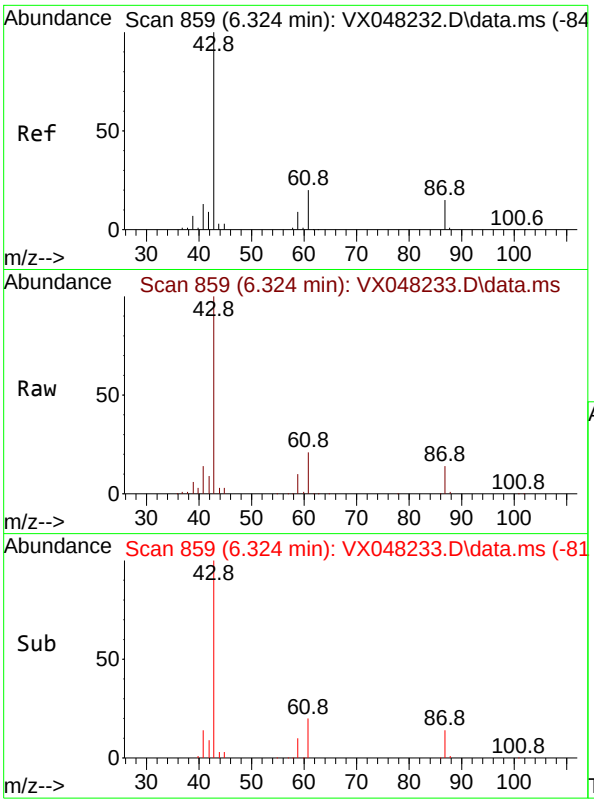


#42
1,2-Dichloroethane
Concen: 101.562 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

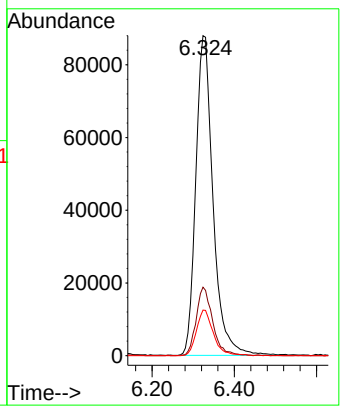




#43
Isopropyl Acetate
Concen: 103.976 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 25606

Ion	Ratio	Lower	Upper
43	100		
61	20.5	14.9	22.3
87	14.0	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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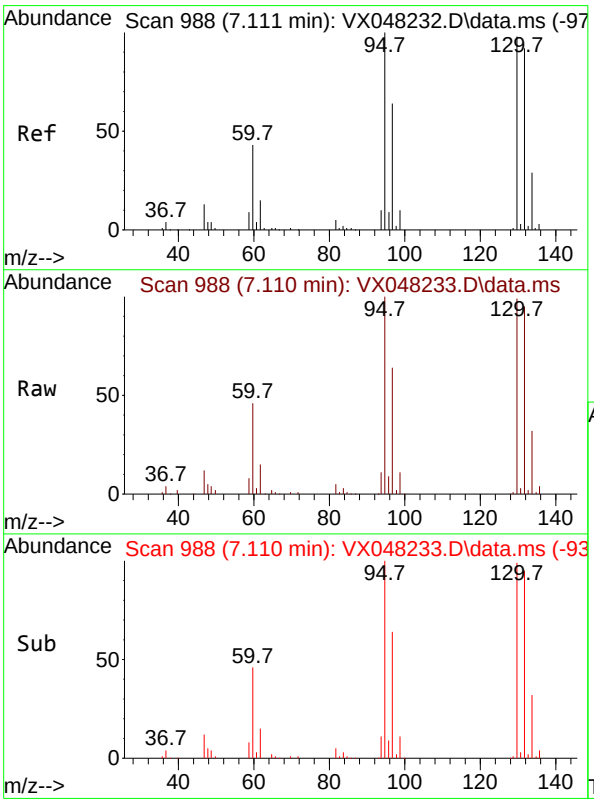
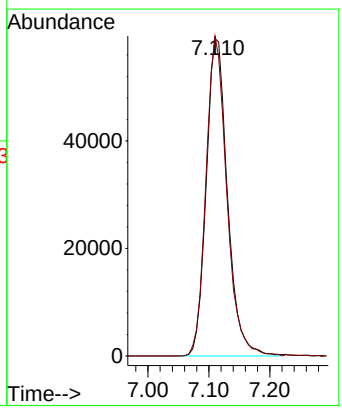
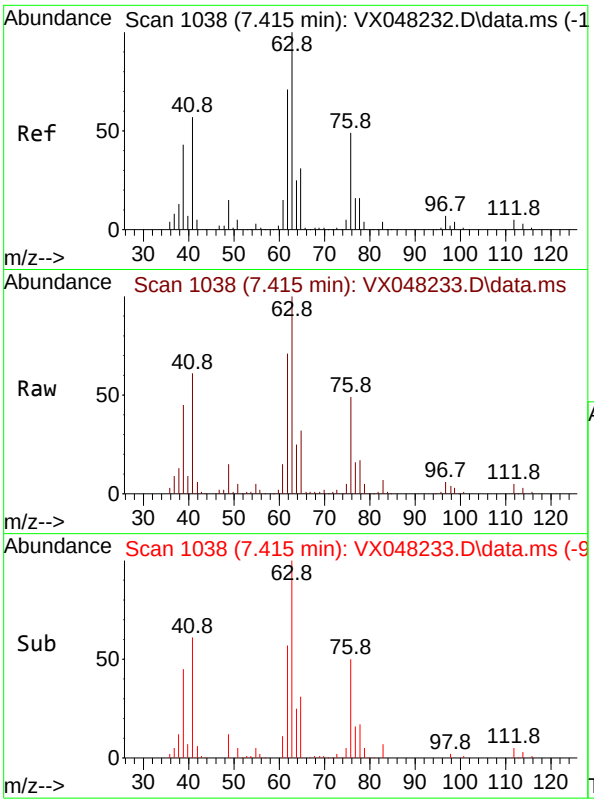


#44
Trichloroethene
Concen: 103.931 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	200.6

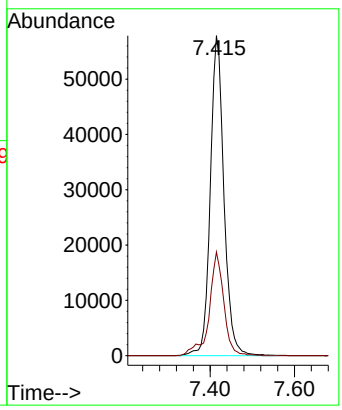




#45
1,2-Dichloropropane
Concen: 94.368 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 13018

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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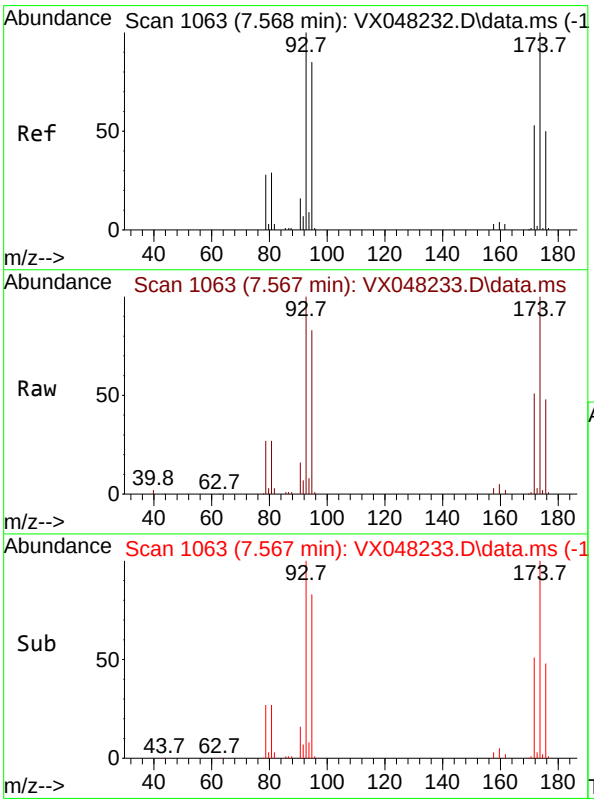
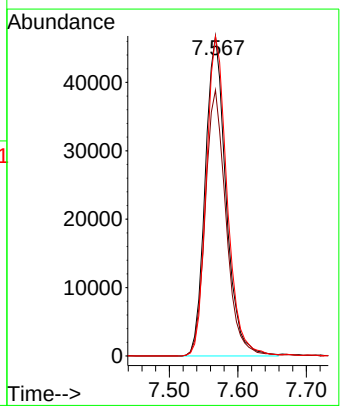
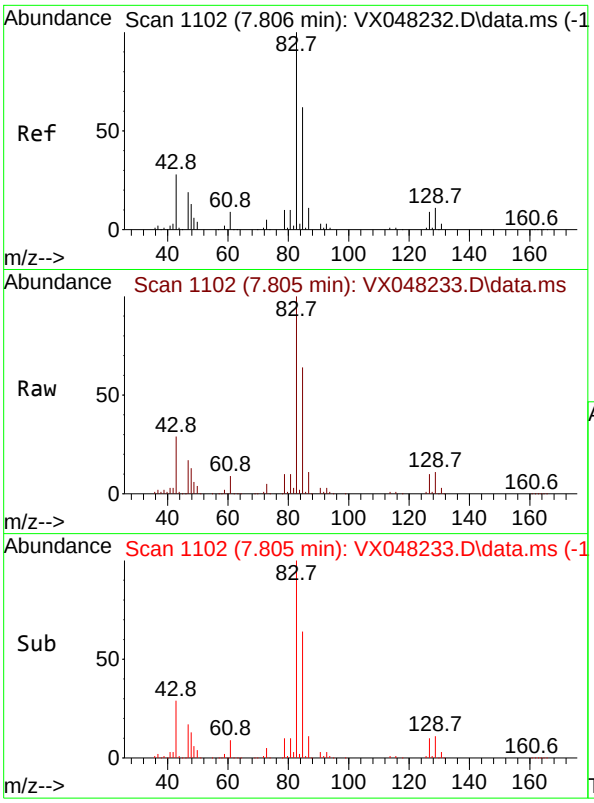


#46
Dibromomethane
Concen: 98.835 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 93 Resp: 98105

Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.9	98.9
174	100.3	71.7	107.5

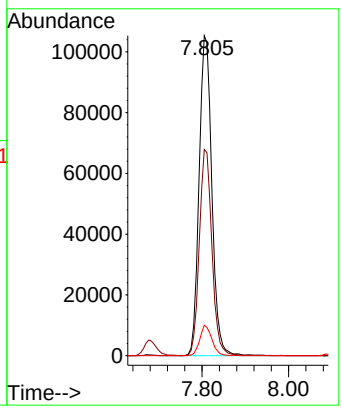




#47
Bromodichloromethane
Concen: 100.358 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 21530

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	9.5	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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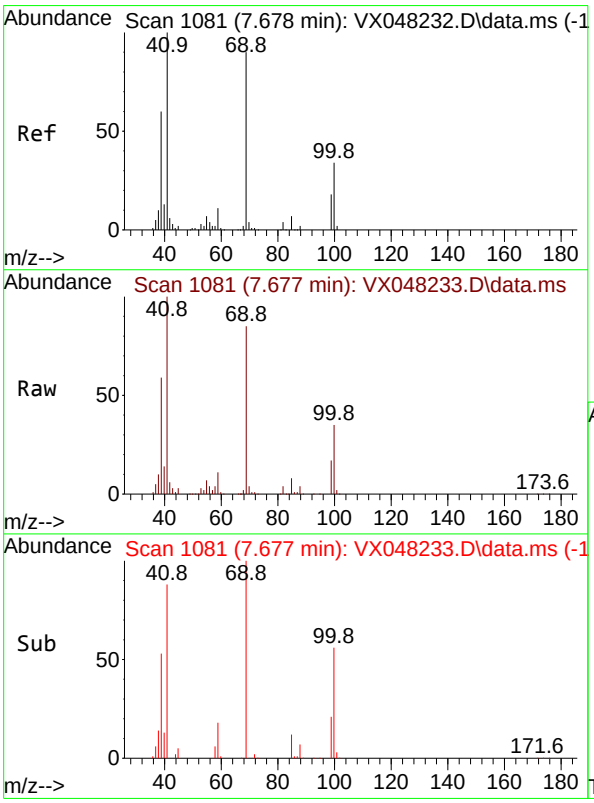
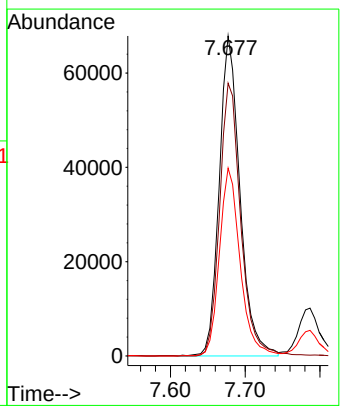
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

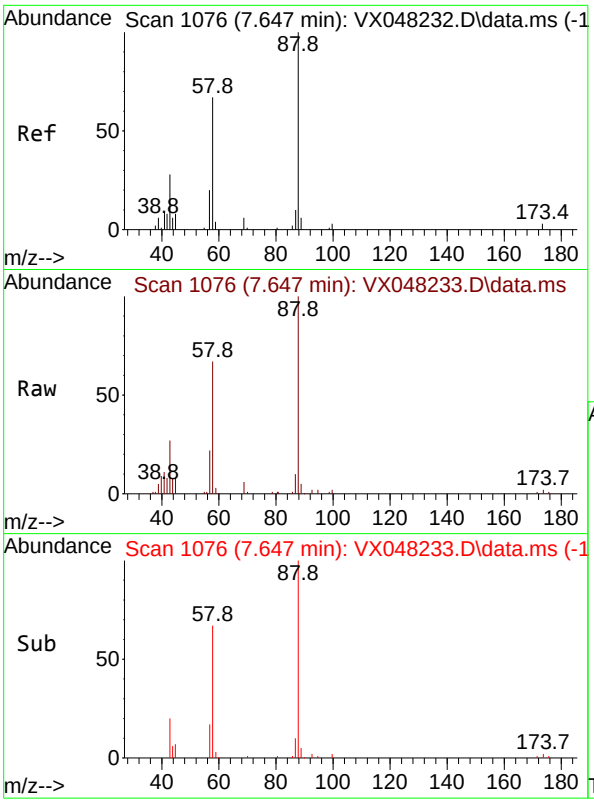


#48
Methyl methacrylate
Concen: 104.272 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 131454

Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	58.7	47.1	70.7

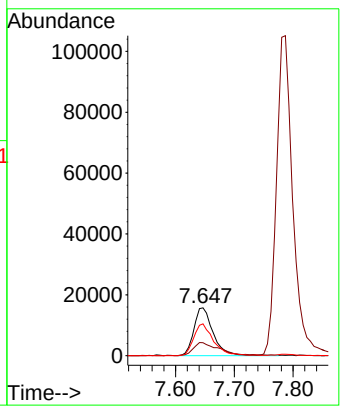




#49
1,4-Dioxane
Concen: 3169.845 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 88 Resp: 3597

Ion	Ratio	Lower	Upper
88	100		
43	36.6	35.0	52.4
58	68.4	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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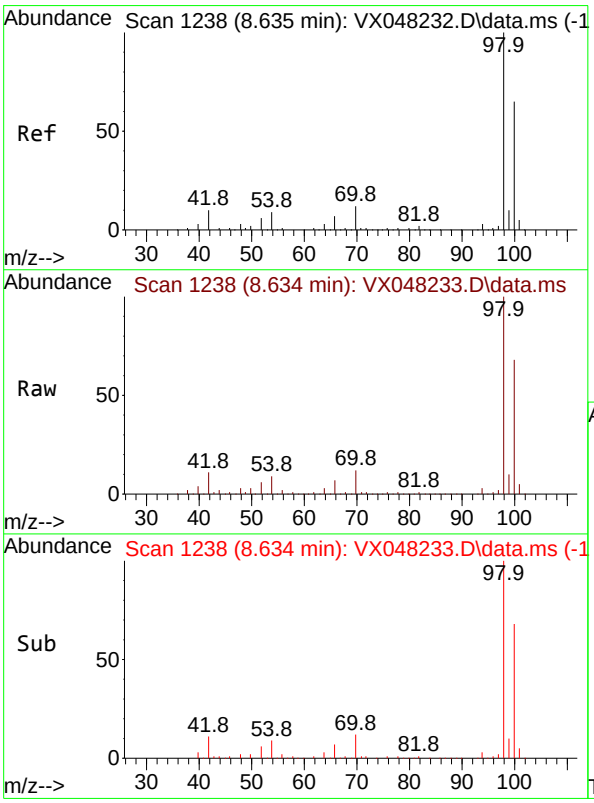
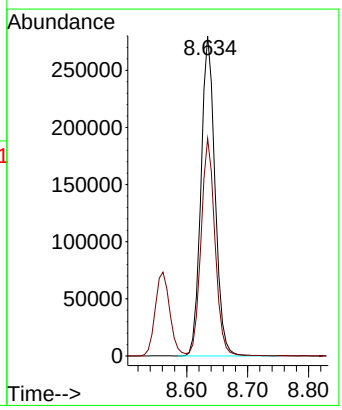
Supervised By :Semsettin Yesilyurt 10/21/2025

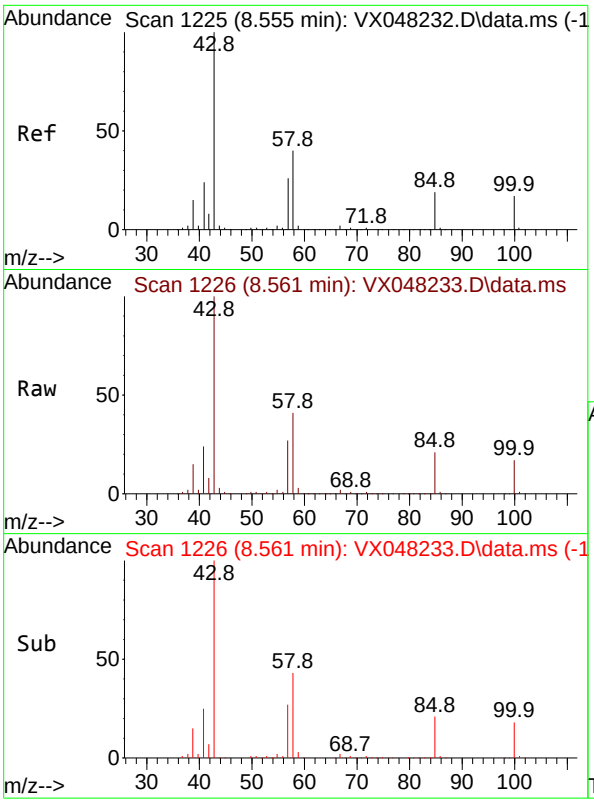


#50
Toluene-d8
Concen: 95.629 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 98 Resp: 448948

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 526.103 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 72098

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :John Carlone 10/21/2025
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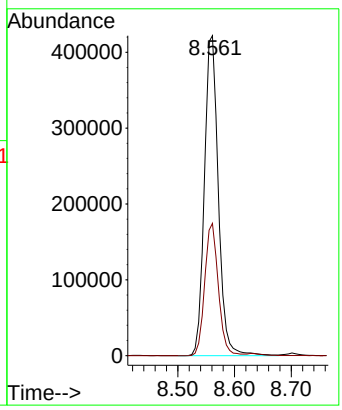
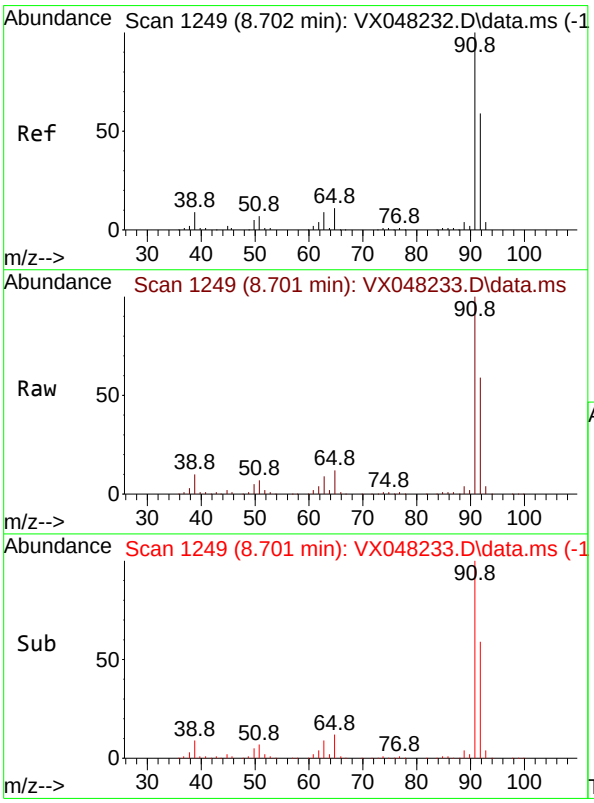
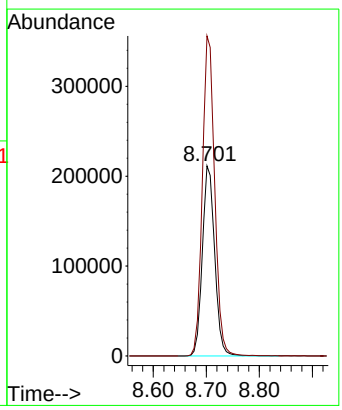


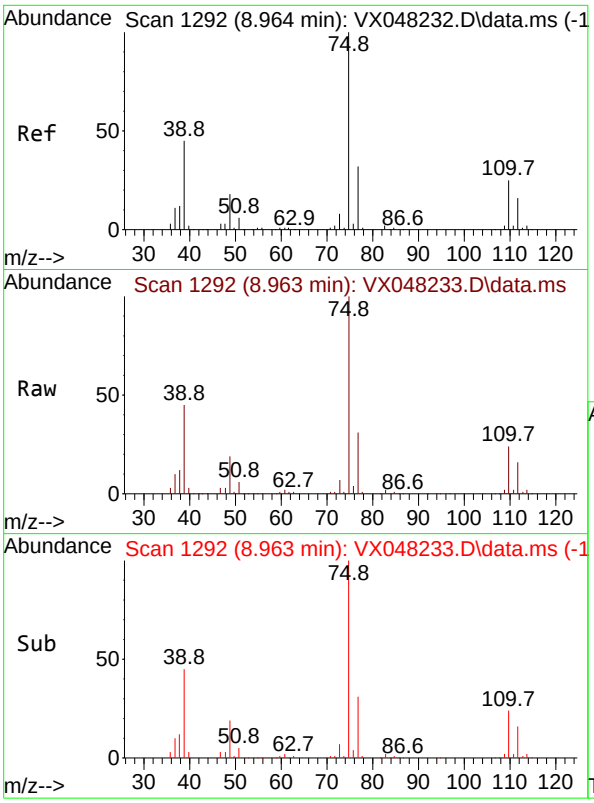


#52
Toluene
Concen: 104.263 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 92 Resp: 341597

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.1	204.1

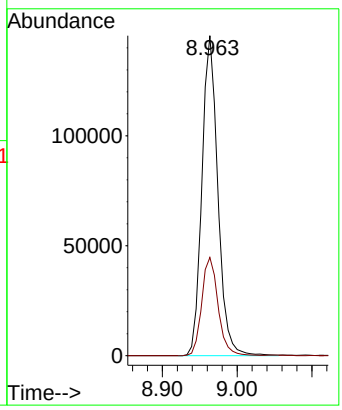




#53
t-1,3-Dichloropropene
Concen: 107.341 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 21573

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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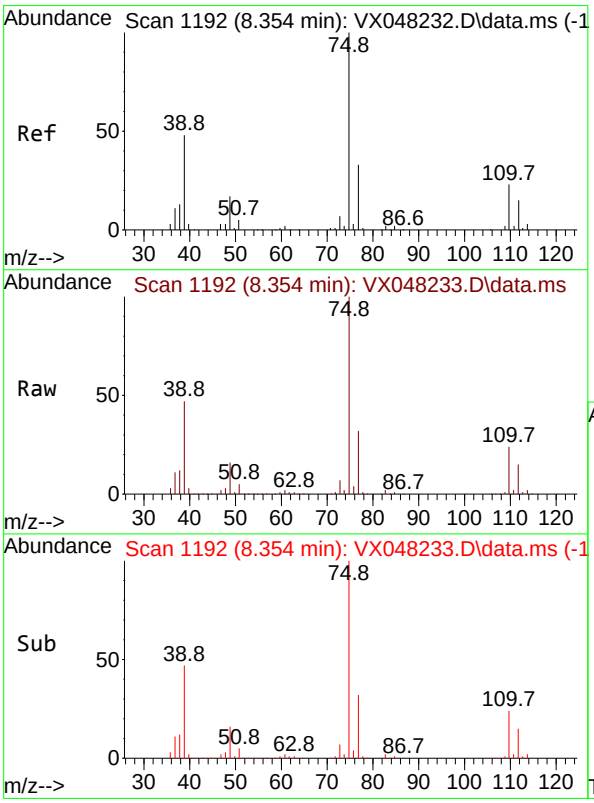
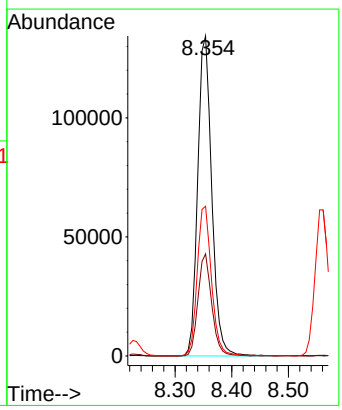
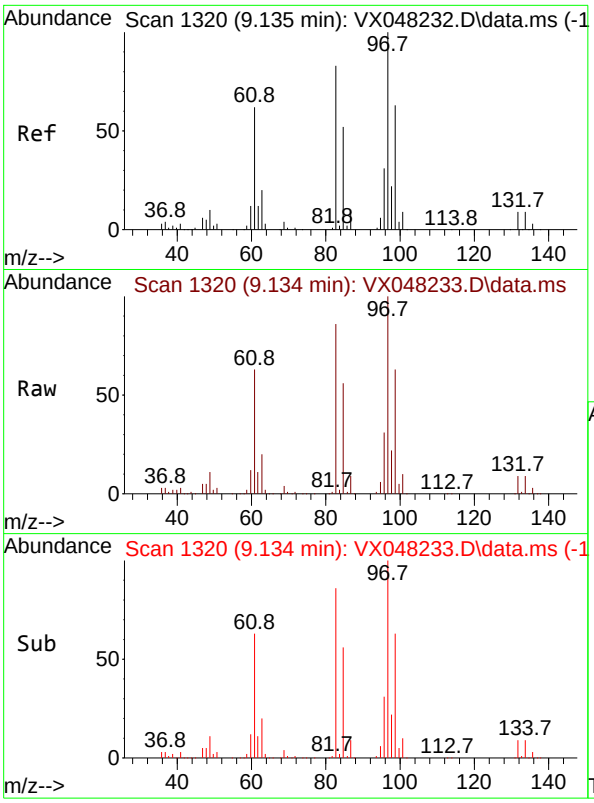


#54
cis-1,3-Dichloropropene
Concen: 105.465 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 231037

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	46.7	42.6	64.0

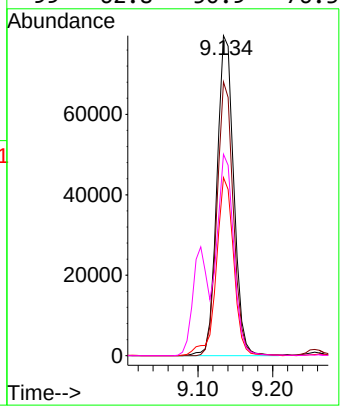




#55
1,1,2-Trichloroethane
Concen: 102.180 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 12491

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	55.7	45.0	67.6
99	62.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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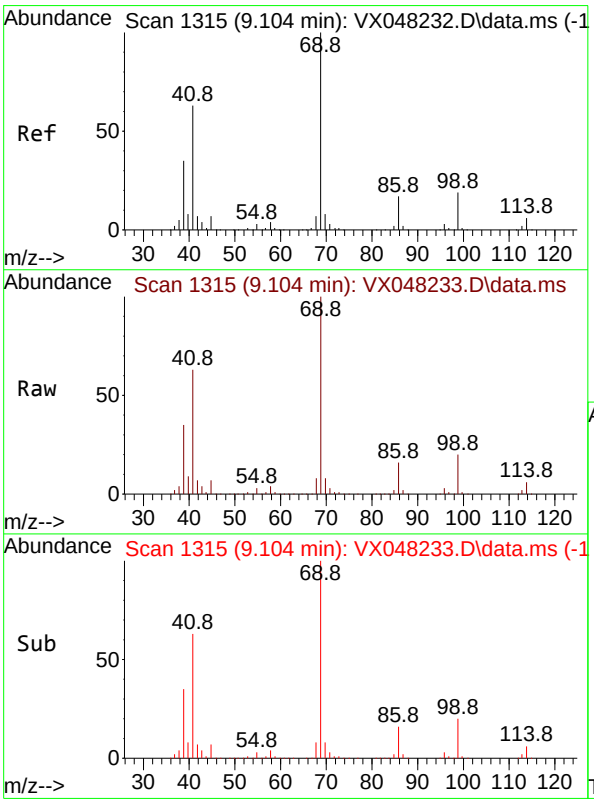
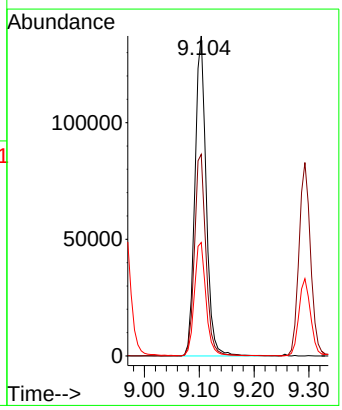
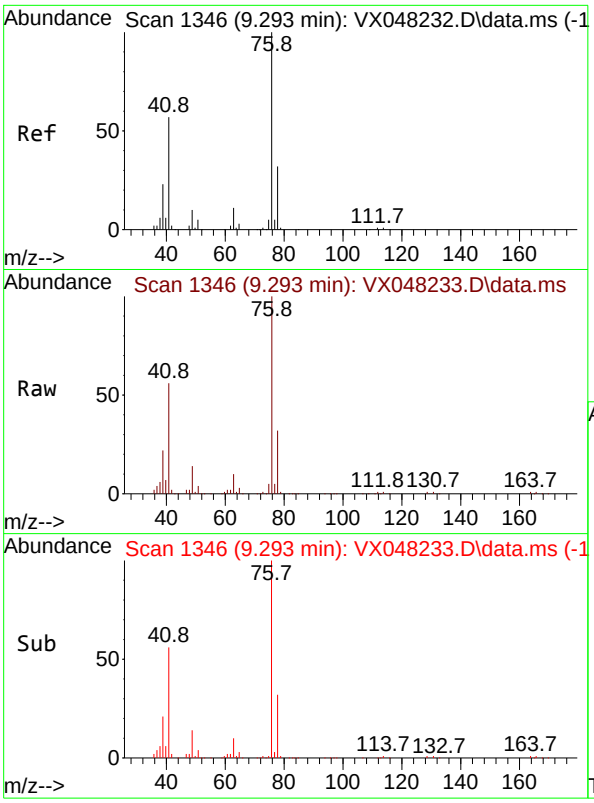


#56
Ethyl methacrylate
Concen: 118.305 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.0	84.0
39	36.7	31.6	47.4





#57
1,3-Dichloropropane
Concen: 100.598 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 76 Resp: 21485

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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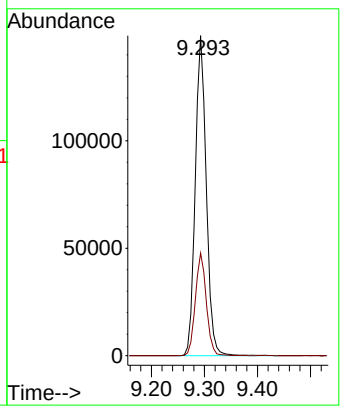
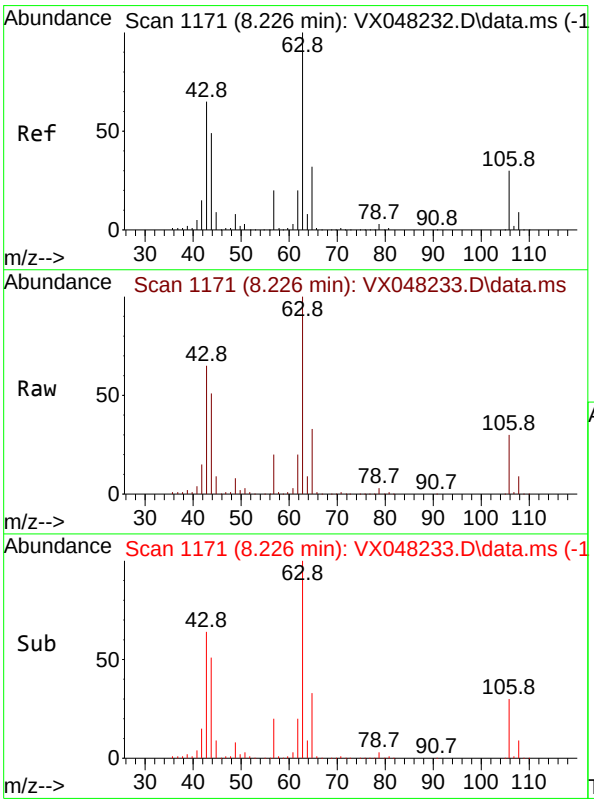
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

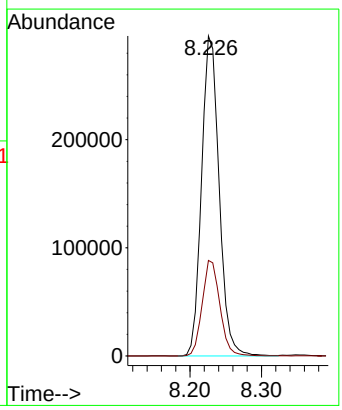


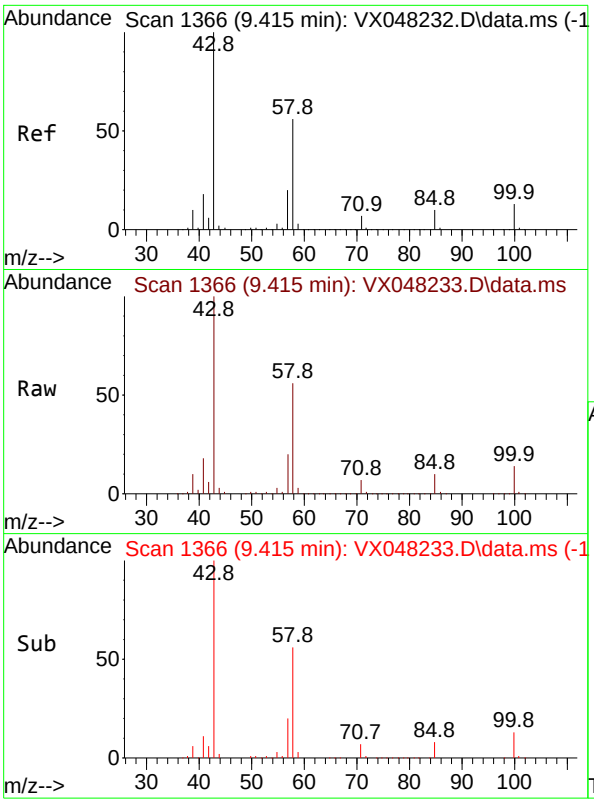


#58
2-Chloroethyl Vinyl ether
Concen: 592.044 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 505448

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.2





#59
2-Hexanone
Concen: 531.416 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 50939

Ion	Ratio	Lower	Upper
43	100		
58	55.8	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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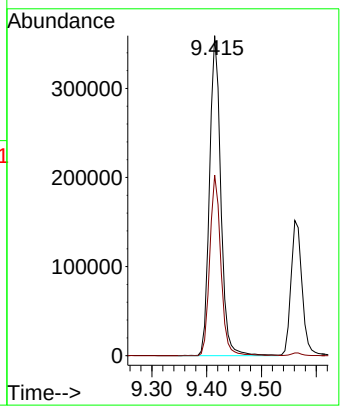
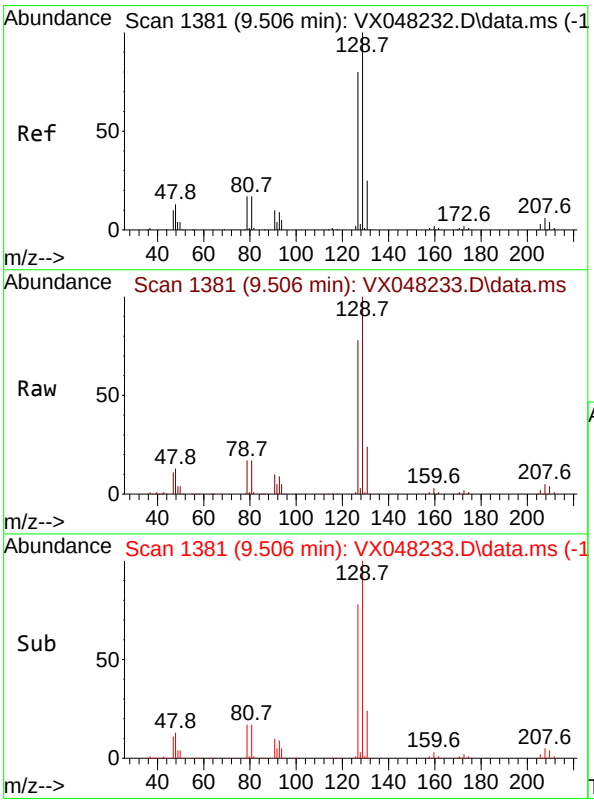
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

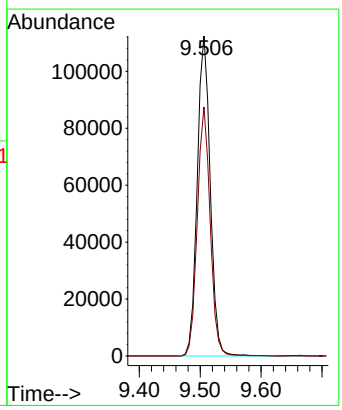


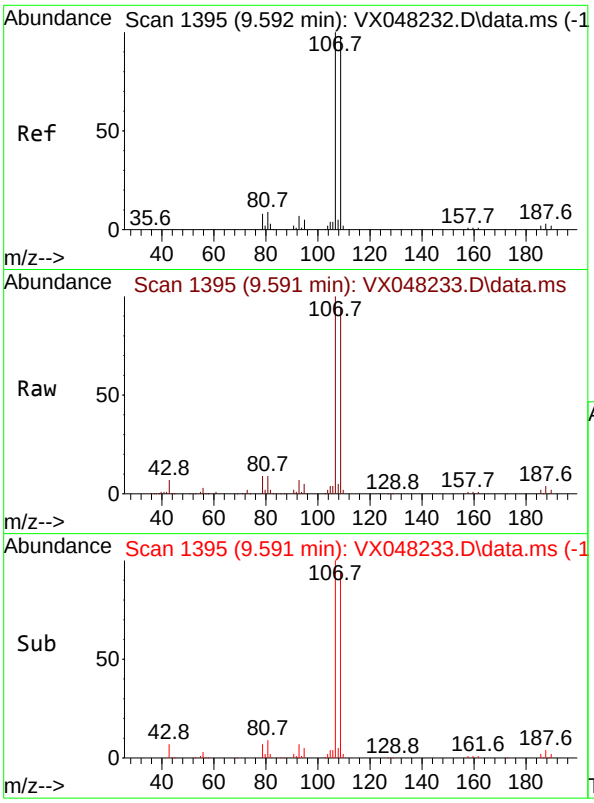


#60
Dibromochloromethane
Concen: 108.598 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:129 Resp: 166167

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	115.7





#61
1,2-Dibromoethane
Concen: 107.431 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:107 Resp: 13466

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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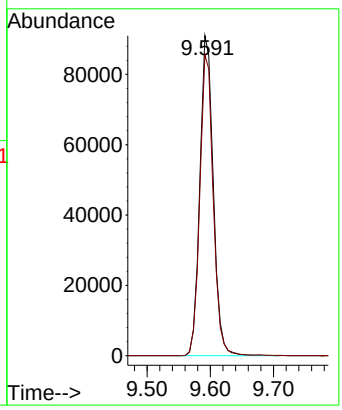
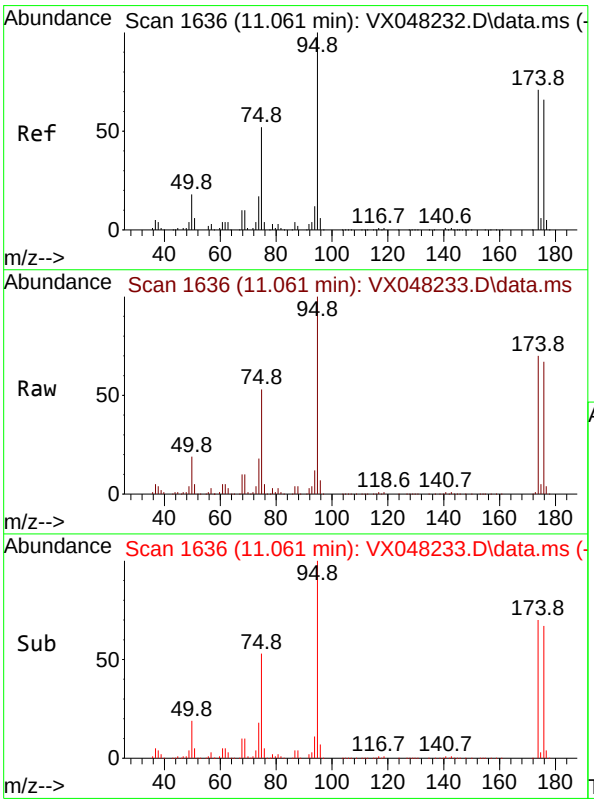
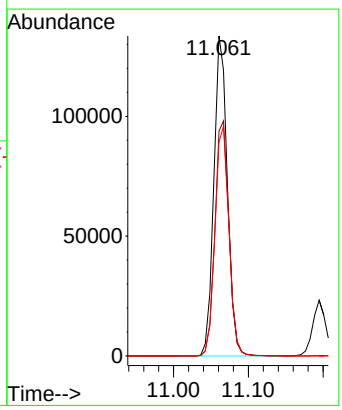


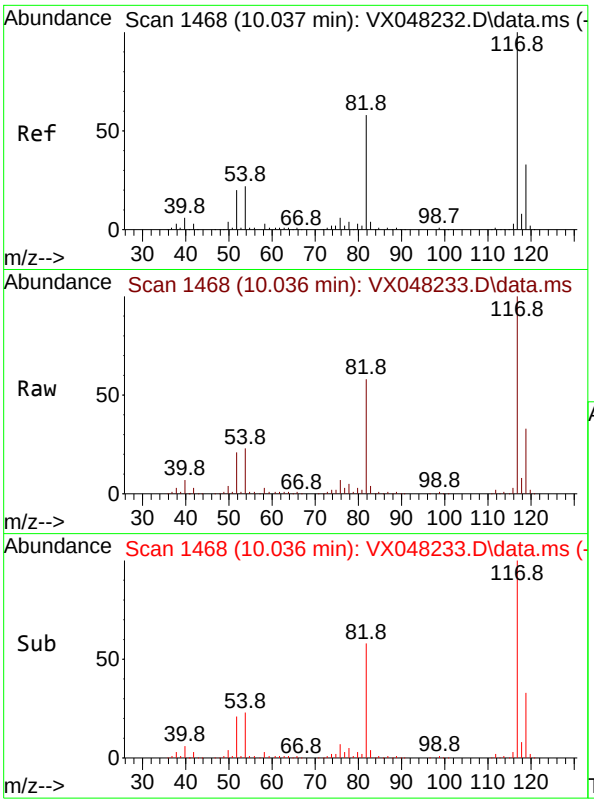


#62
4-Bromofluorobenzene
Concen: 97.996 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 95 Resp: 167565

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	147.8
176	74.1	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 16358

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.5	69.7
119	32.5	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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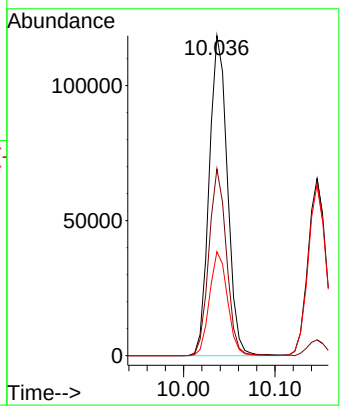
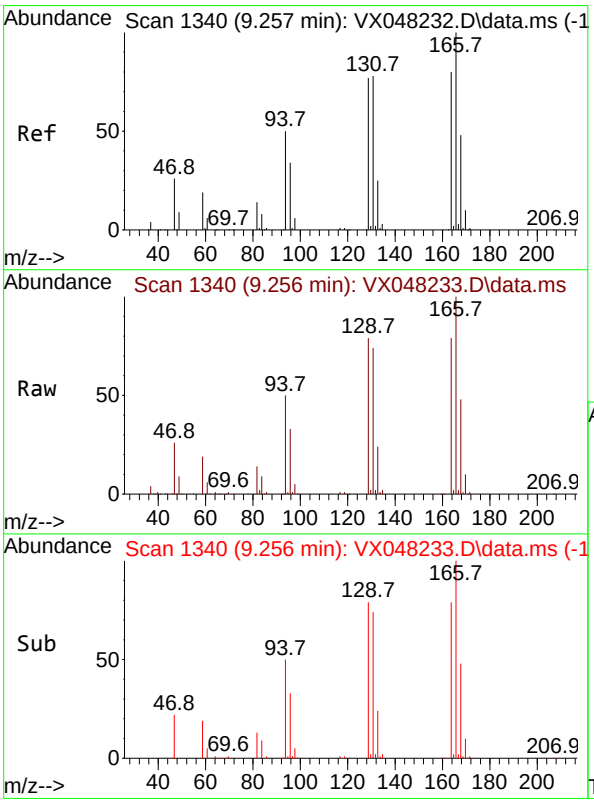
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

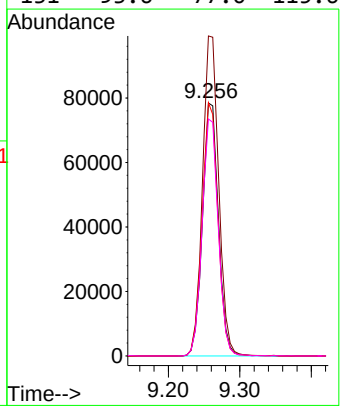


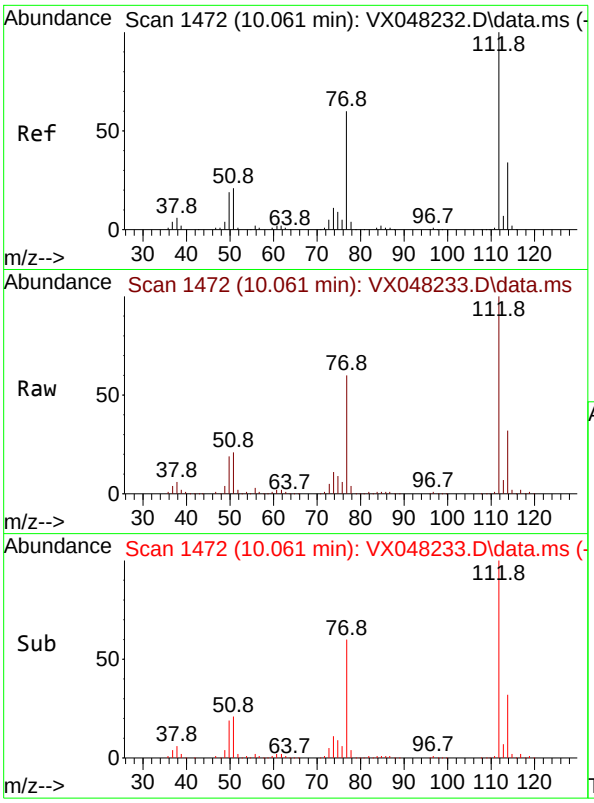


#64
Tetrachloroethene
Concen: 105.633 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163

Ion	Ratio	Lower	Upper
164	100		
166	126.5	104.5	156.7
129	100.1	81.8	122.6
131	93.6	77.0	115.6

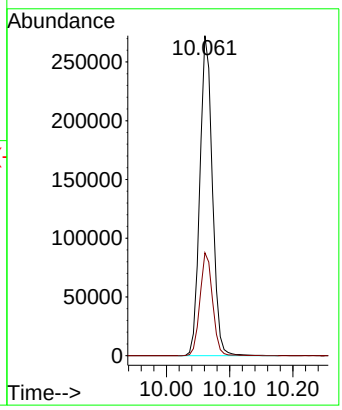




#65
Chlorobenzene
Concen: 104.990 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:112 Resp: 37553

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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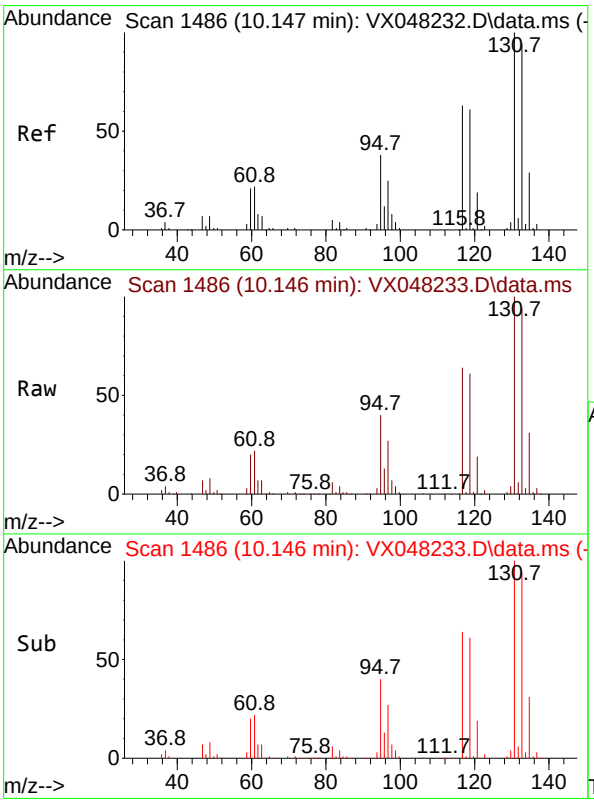
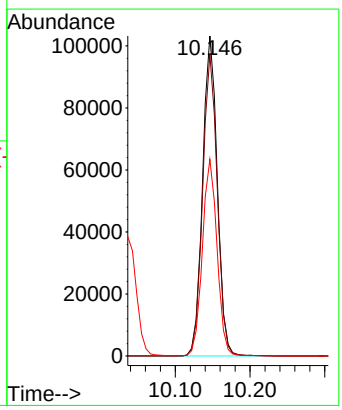
Supervised By :Semsettin Yesilyurt 10/21/2025

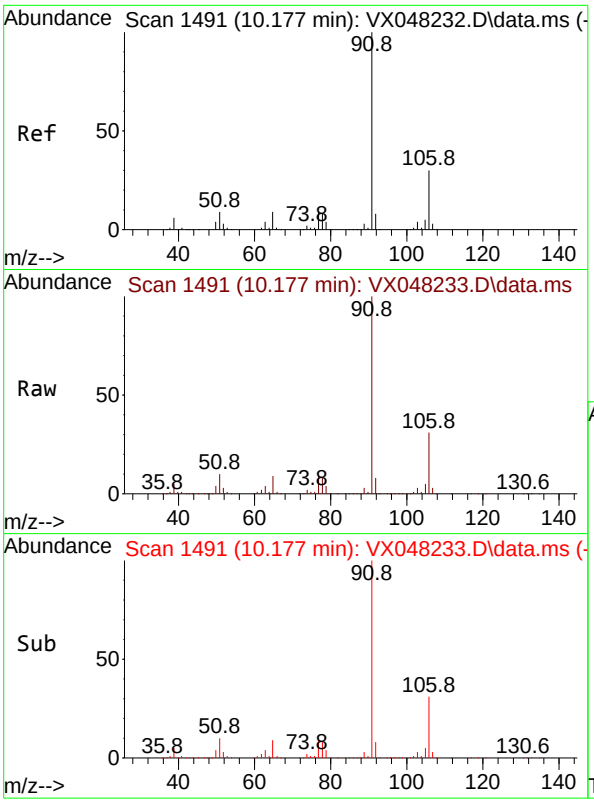


#66
1,1,1,2-Tetrachloroethane
Concen: 109.080 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:131 Resp: 140599

Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.6	142.8
119	61.6	32.5	97.5





#67
Ethyl Benzene
Concen: 107.128 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 65692

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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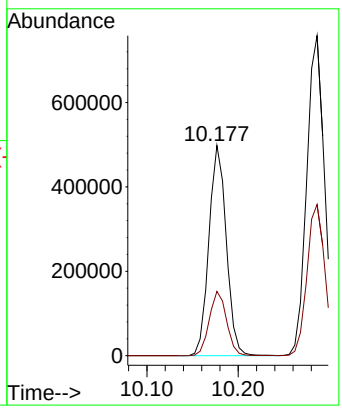
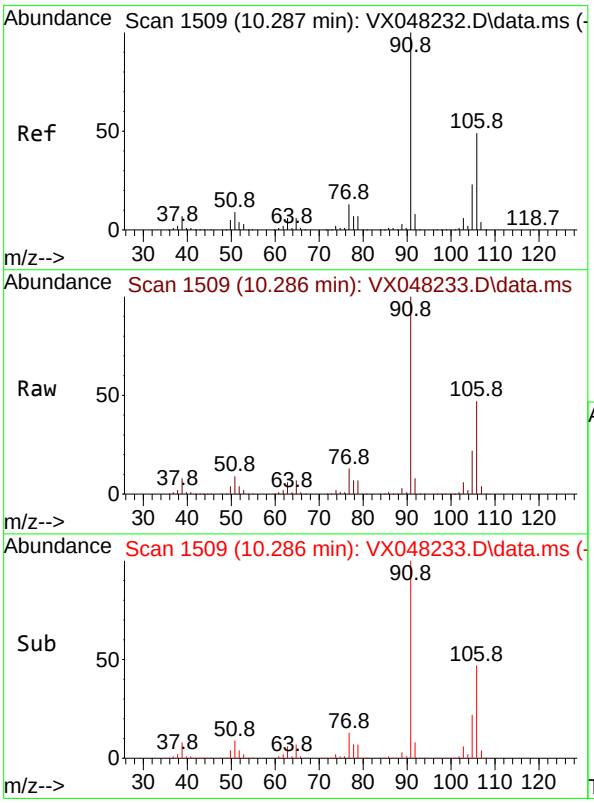
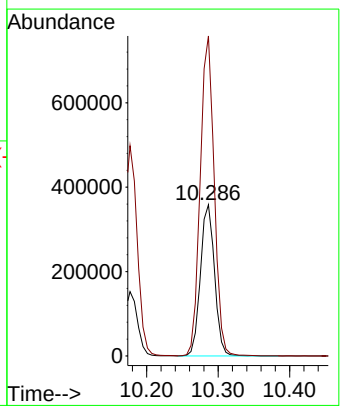


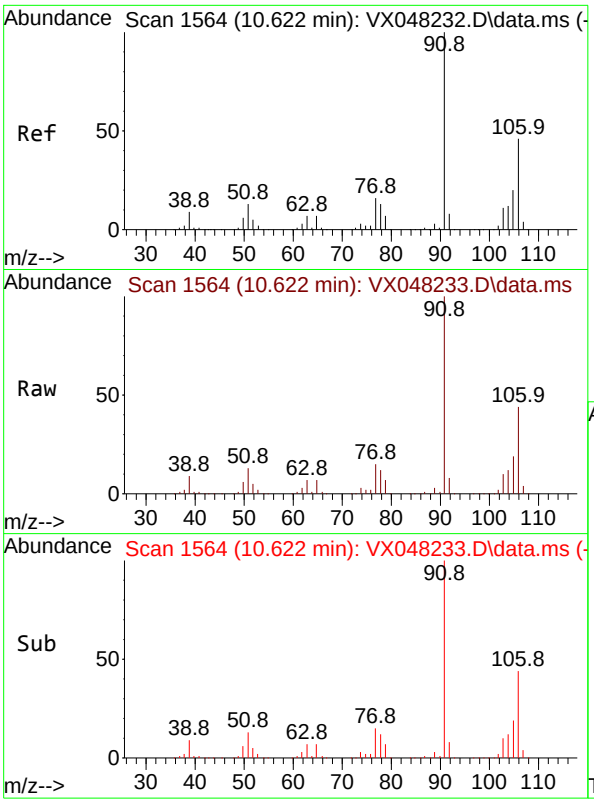


#68
m/p-Xylenes
Concen: 214.875 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 490879

Ion	Ratio	Lower	Upper
106	100		
91	210.5	167.9	251.9





#69
o-Xylene
Concen: 110.042 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 23664

Ion	Ratio	Lower	Upper
106	100		
91	222.9	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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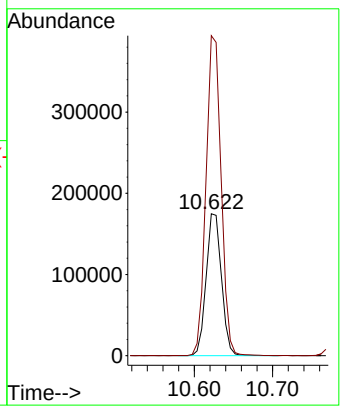
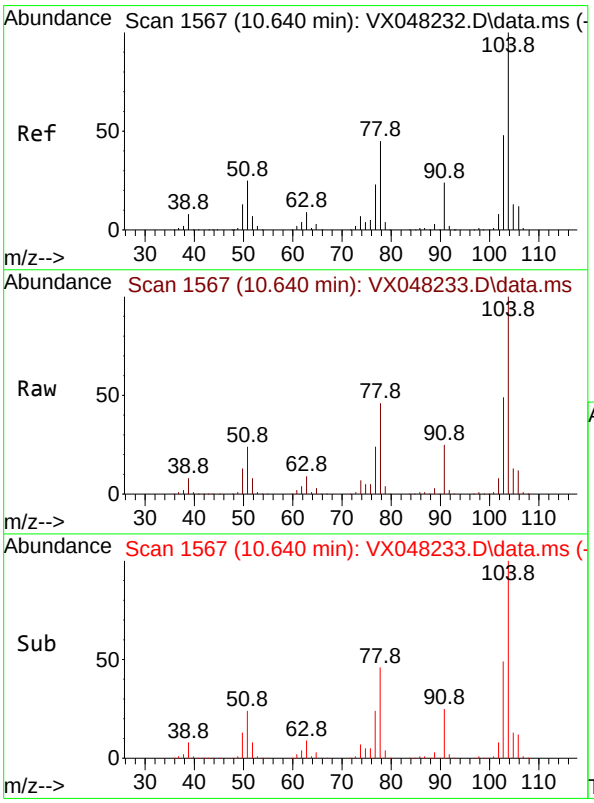
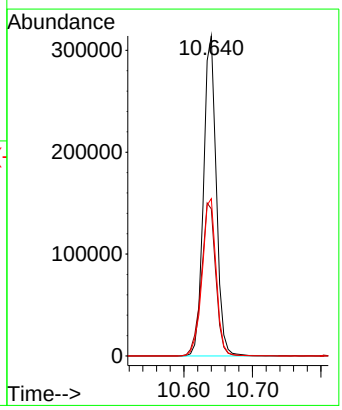


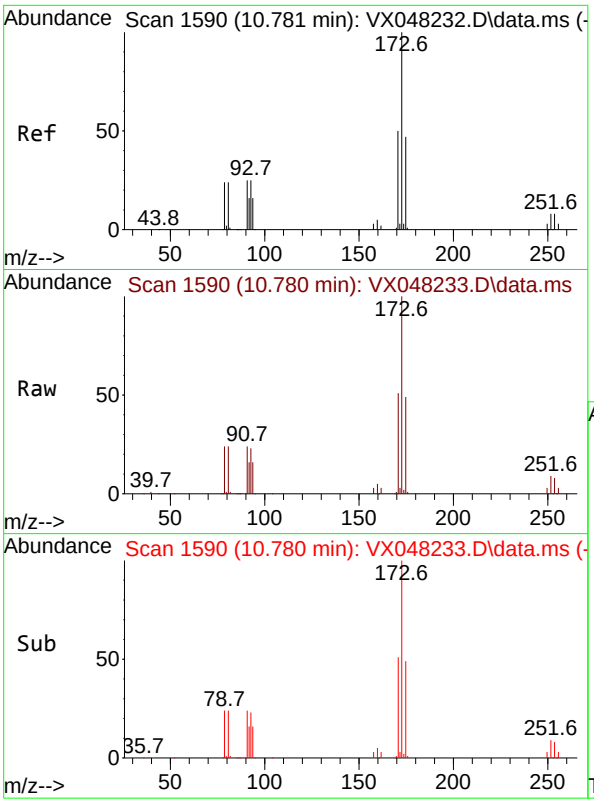


#70
Styrene
Concen: 110.197 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:104 Resp: 407916

Ion	Ratio	Lower	Upper
104	100		
78	53.6	42.2	63.4
103	54.0	43.0	64.4

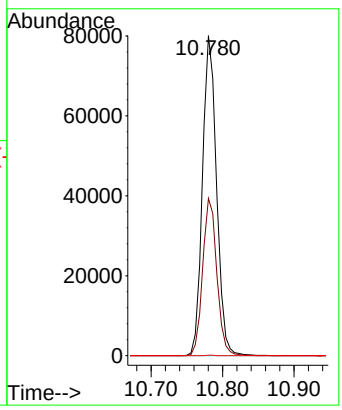




#71
Bromoform
Concen: 115.806 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:173 Resp: 10961

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.0	72.0
254	0.1	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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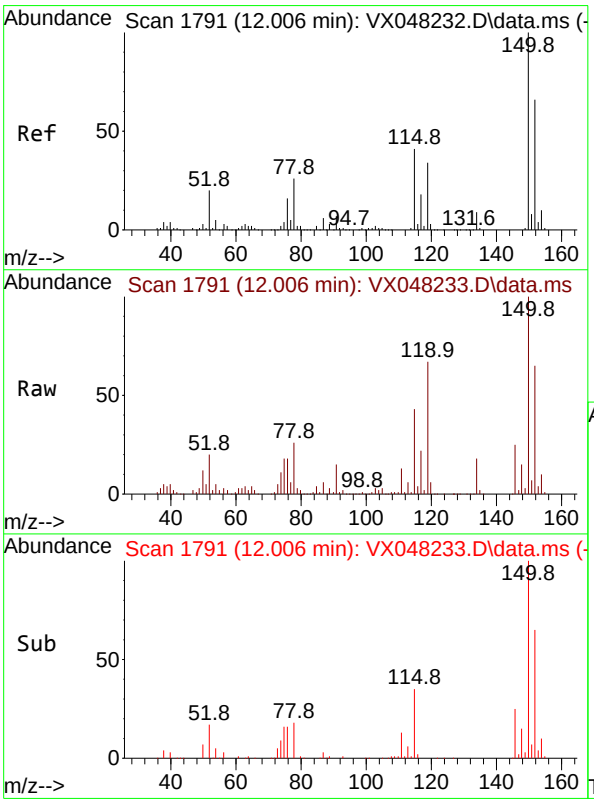
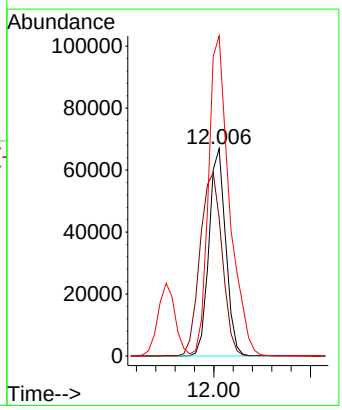
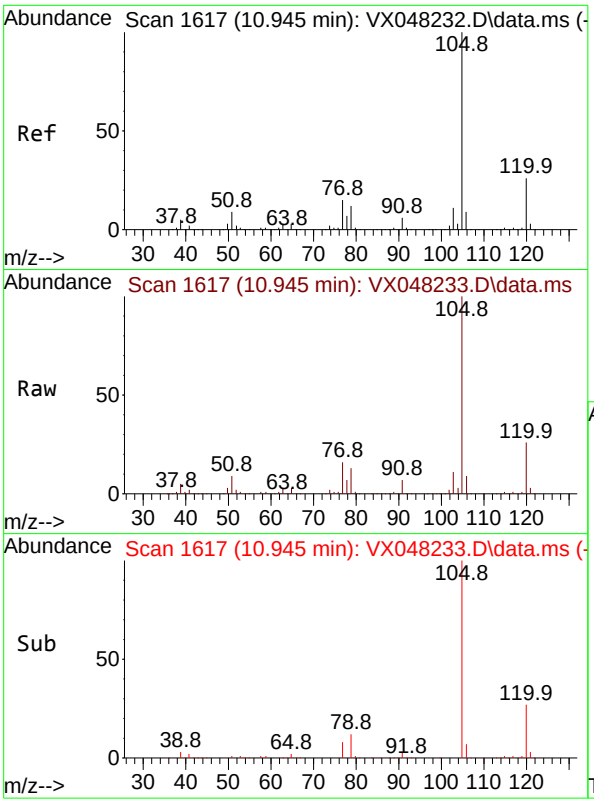


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:152 Resp: 80621

Ion	Ratio	Lower	Upper
152	100		
115	116.4	43.1	129.4
150	192.6	0.0	353.0





#73
Isopropylbenzene
Concen: 111.418 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 62476

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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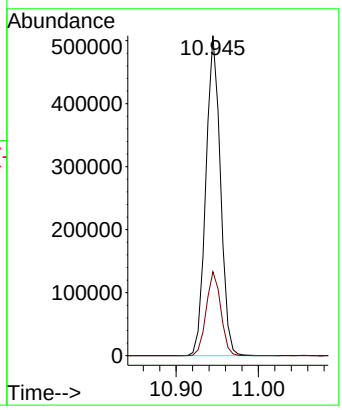
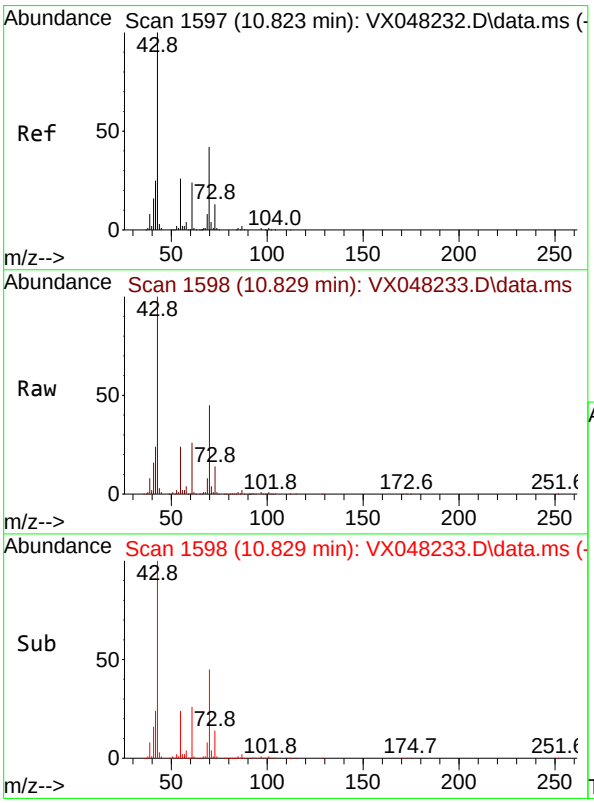
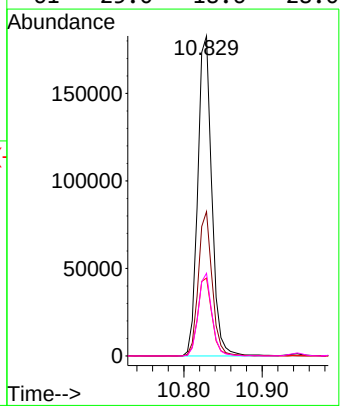


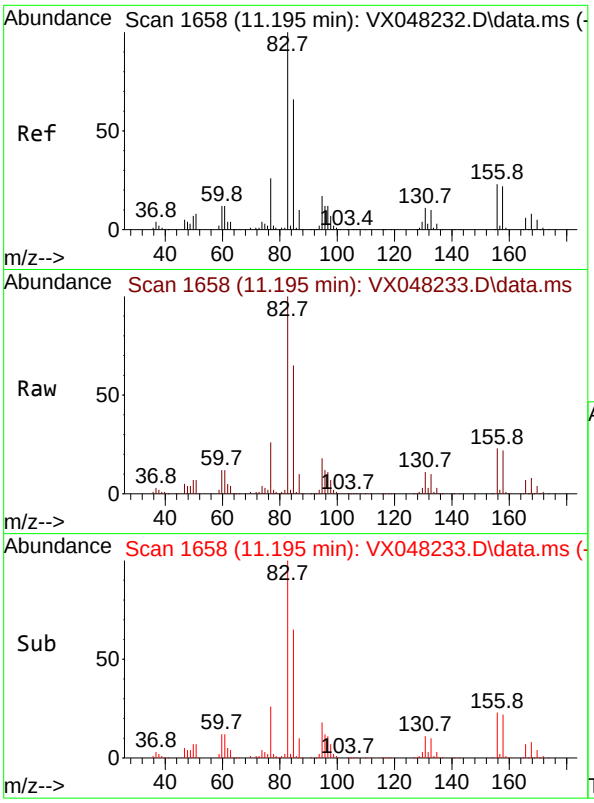


#74
N-amyl acetate
Concen: 109.030 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080

Ion	Ratio	Lower	Upper
43	100		
70	44.4	32.2	48.2
55	24.8	19.1	28.7
61	25.0	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 103.367 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 16420

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	64.4	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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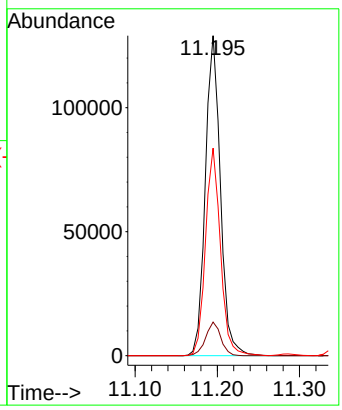
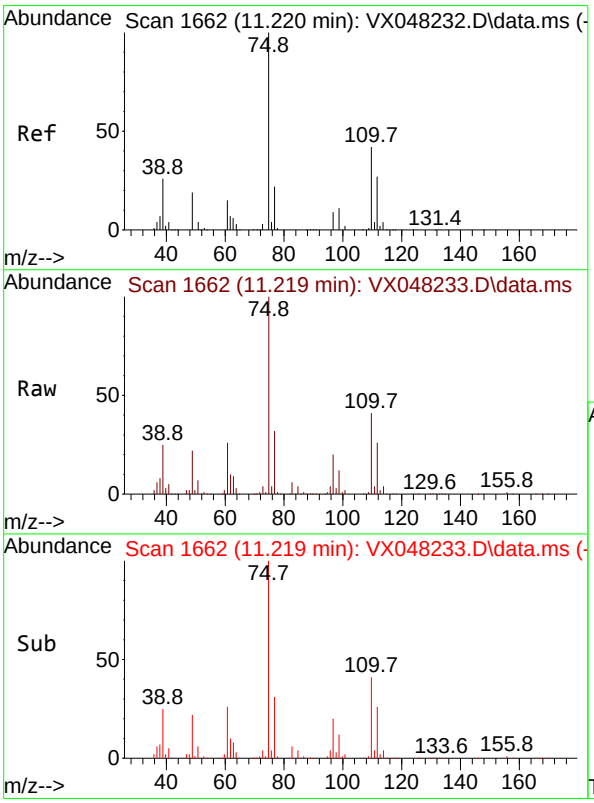
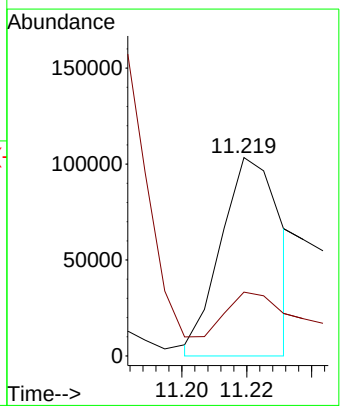


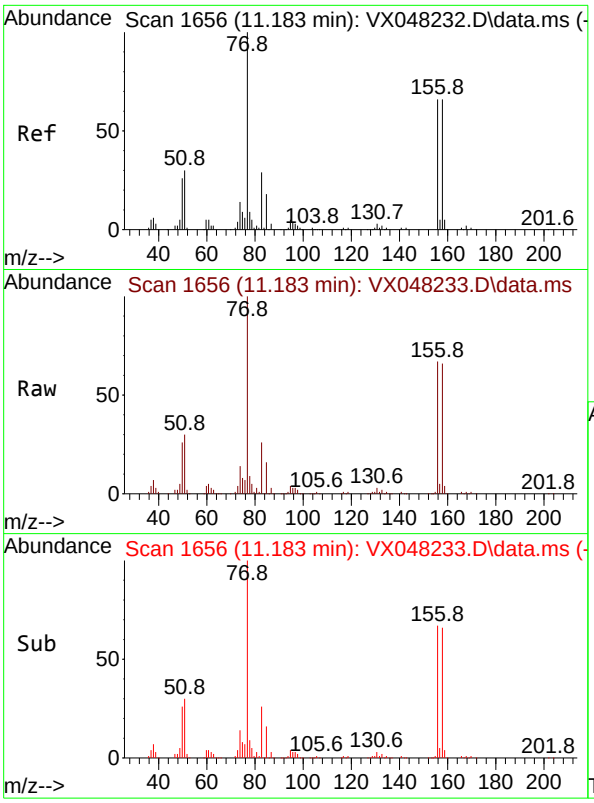


#76
1,2,3-Trichloropropane
Concen: 106.083 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 130599

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.4	67.2





#77
Bromobenzene
Concen: 109.475 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:156 Resp: 153619

Ion	Ratio	Lower	Upper
156	100		
77	159.4	87.0	261.0
158	96.9	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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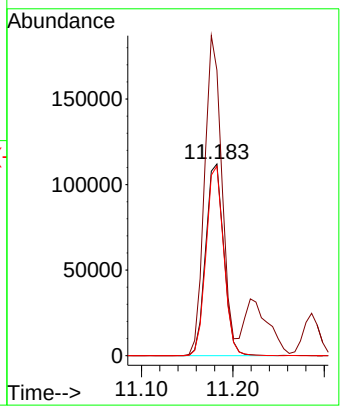
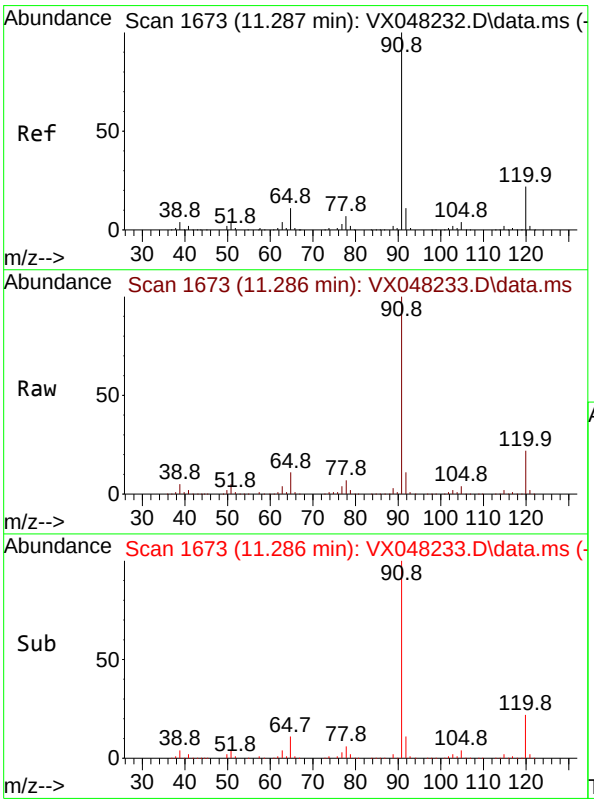
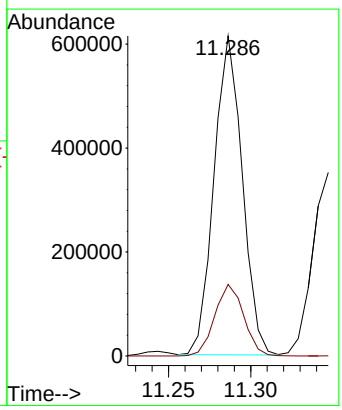


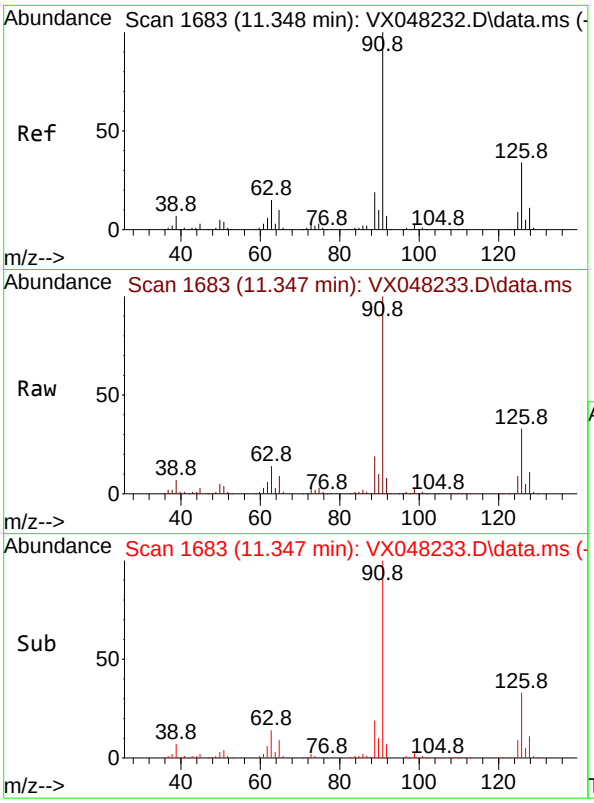


#78
n-propylbenzene
Concen: 107.747 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 732684

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.1





#79
2-Chlorotoluene
Concen: 105.691 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 43421

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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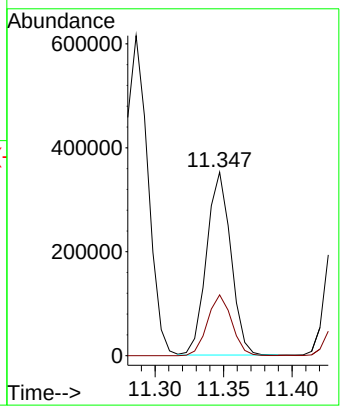
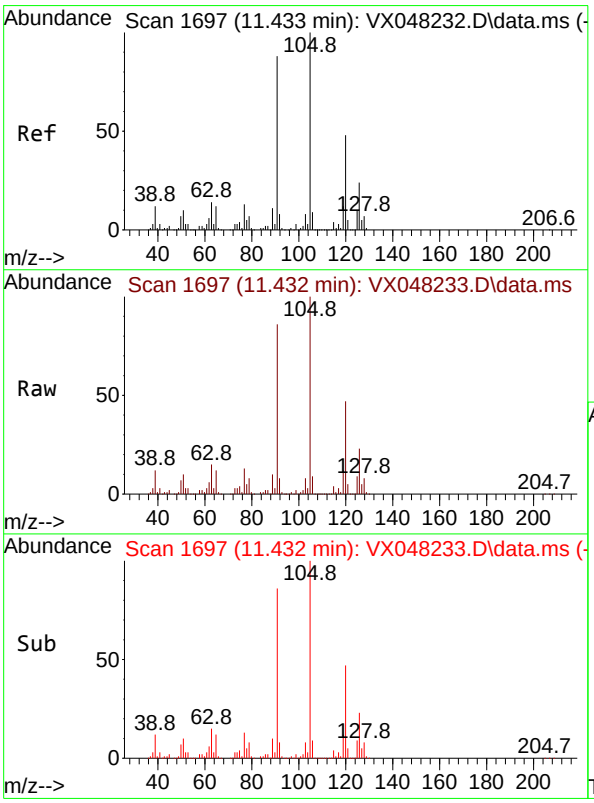
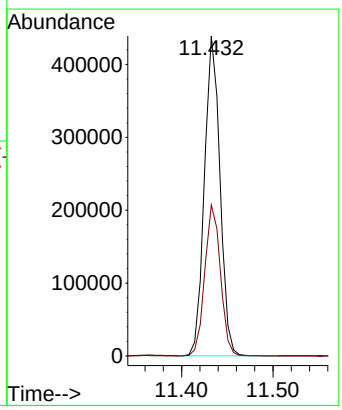


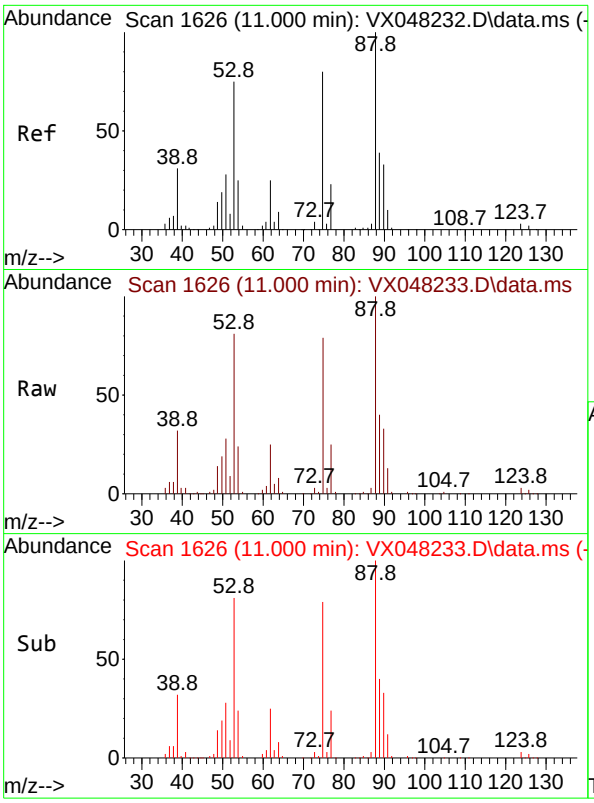


#80
1,3,5-Trimethylbenzene
Concen: 112.876 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 519549

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 117.466 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 5905

Ion	Ratio	Lower	Upper
75	100		
53	98.7	79.5	119.3
89	49.9	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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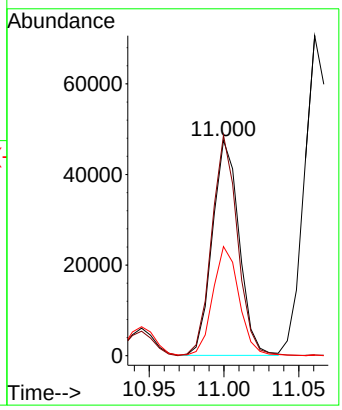
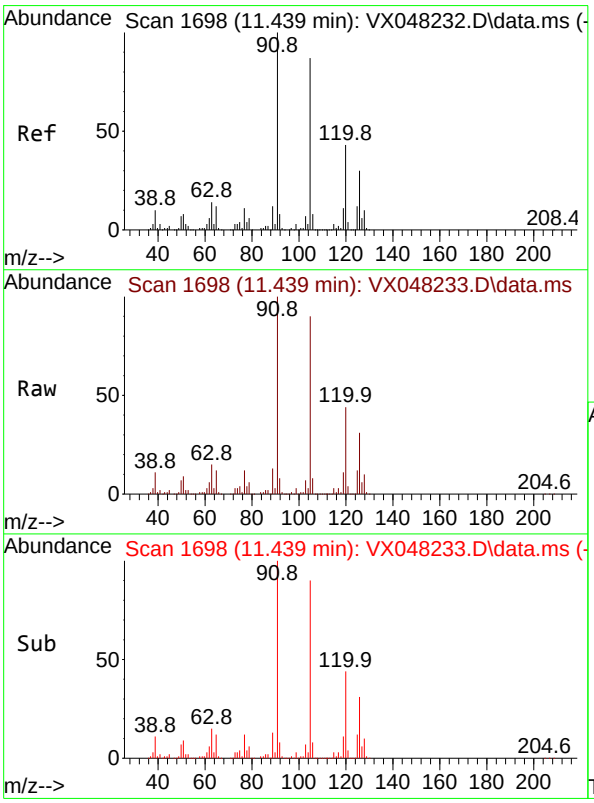
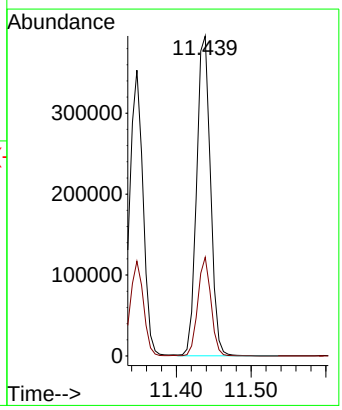


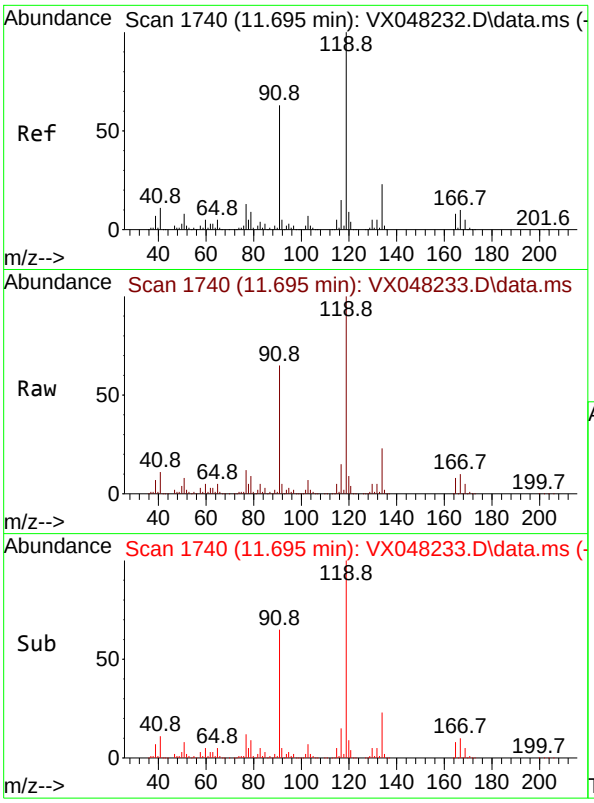


#82
4-Chlorotoluene
Concen: 104.983 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.1	42.4

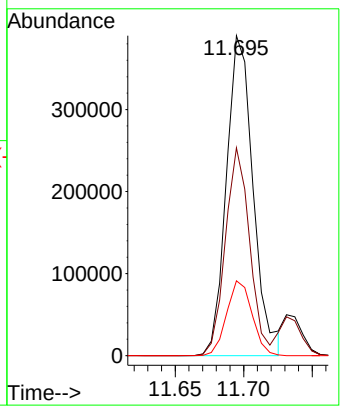




#83
tert-Butylbenzene
Concen: 113.817 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 52926

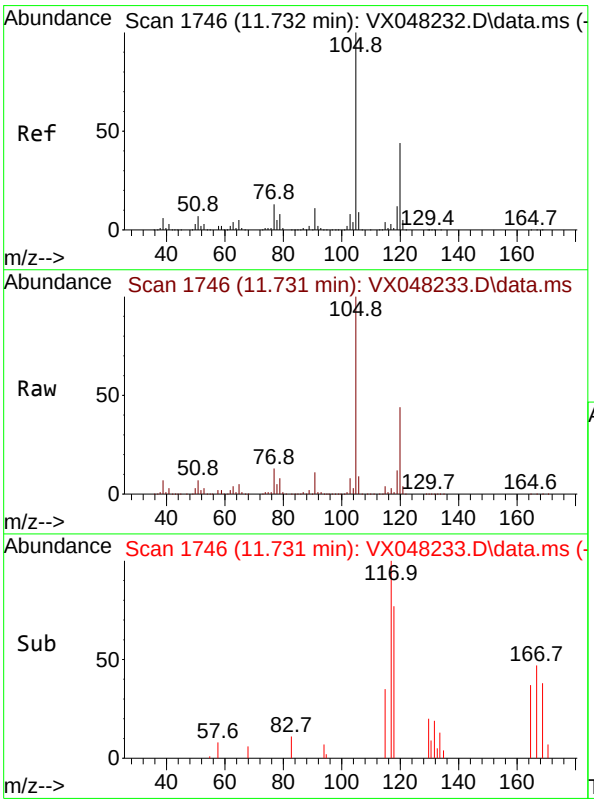
Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	22.3	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

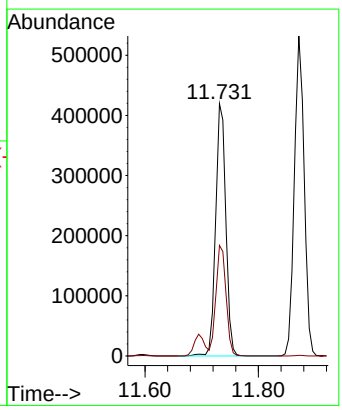
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

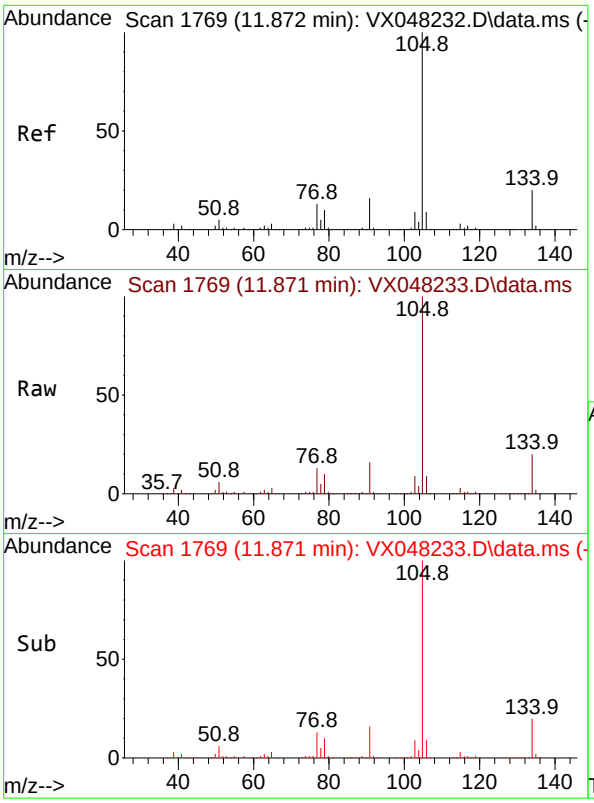


#84
1,2,4-Trimethylbenzene
Concen: 114.214 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 523474

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5





#85
sec-Butylbenzene
Concen: 112.562 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

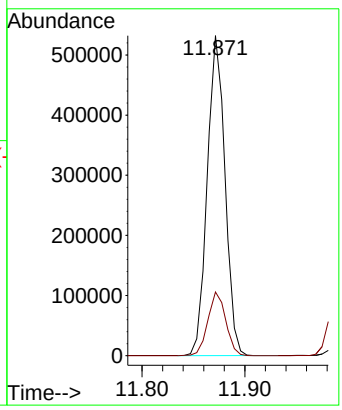
Tgt Ion:105 Resp: 63990

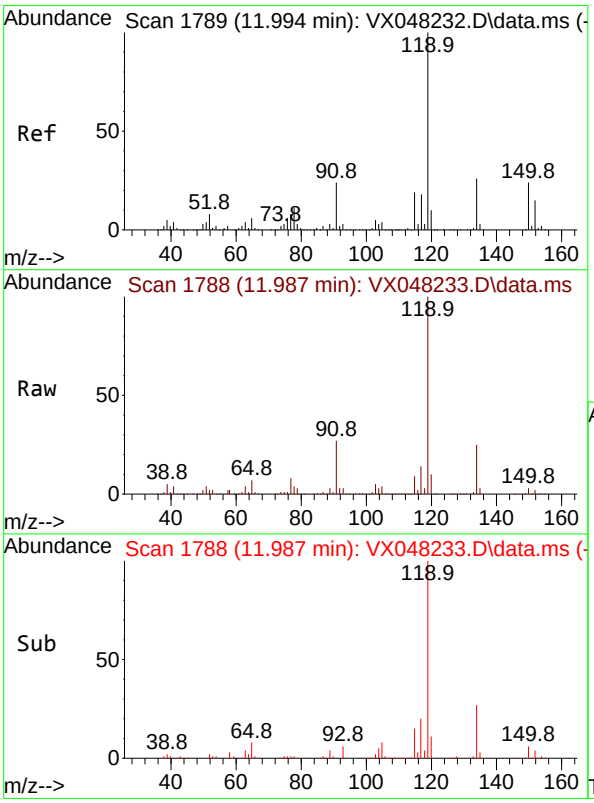
Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

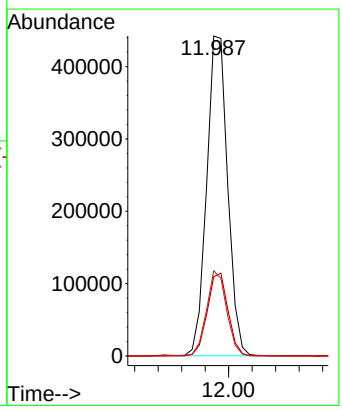


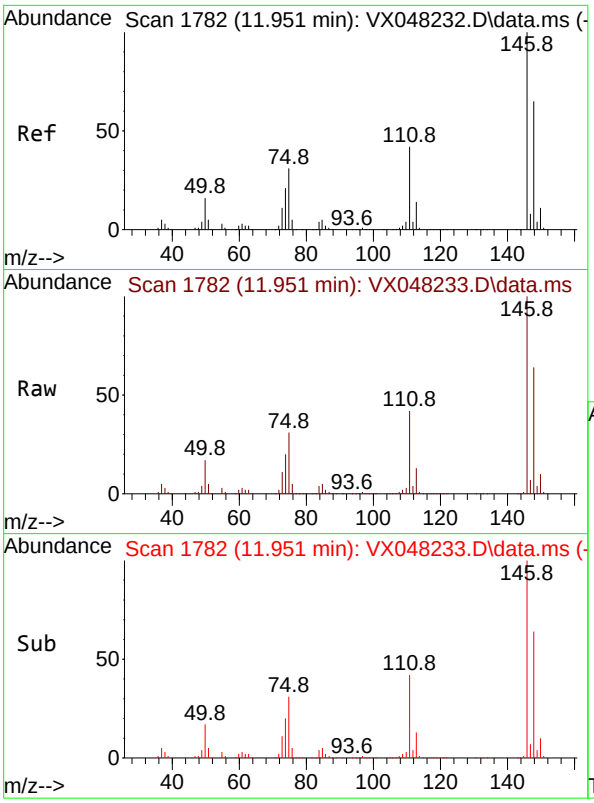


#86
p-Isopropyltoluene
Concen: 114.386 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 548119

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	25.5	12.1	36.3

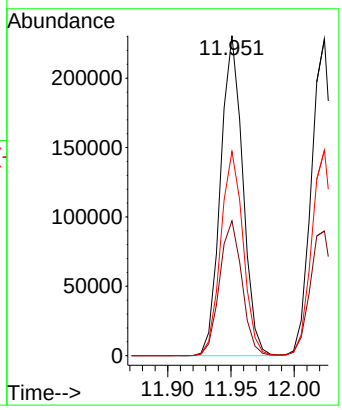




#87
1,3-Dichlorobenzene
Concen: 107.314 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 28161

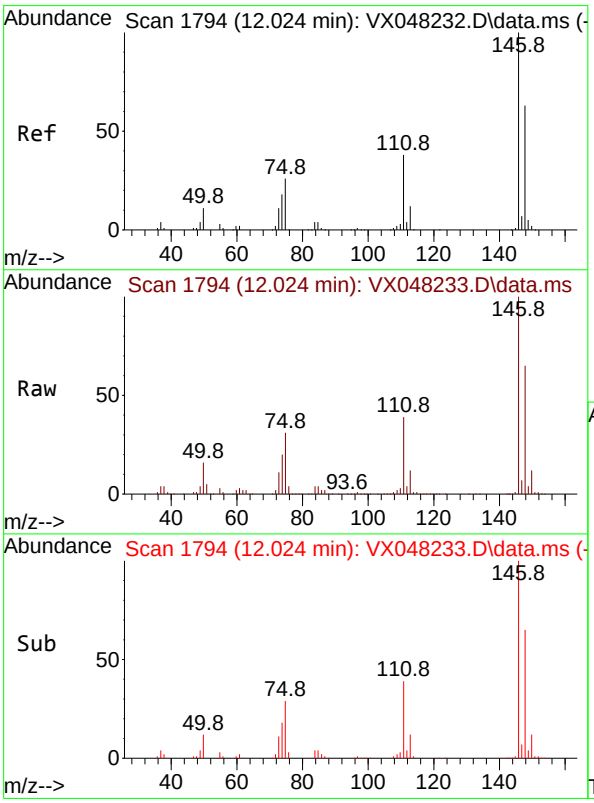
Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	64.2	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

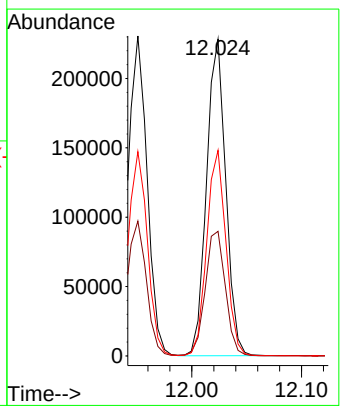
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

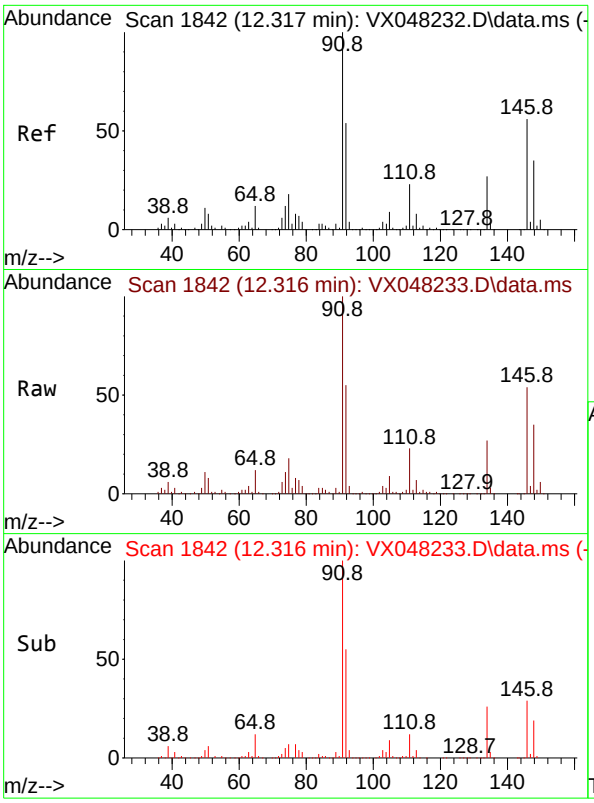


#88
1,4-Dichlorobenzene
Concen: 102.163 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 277908

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	65.0	31.8	95.3





#89
n-Butylbenzene
Concen: 111.016 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

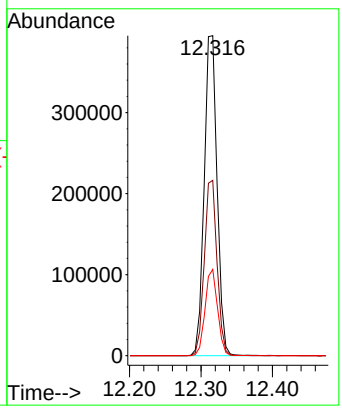
Tgt Ion: 91 Resp: 49548

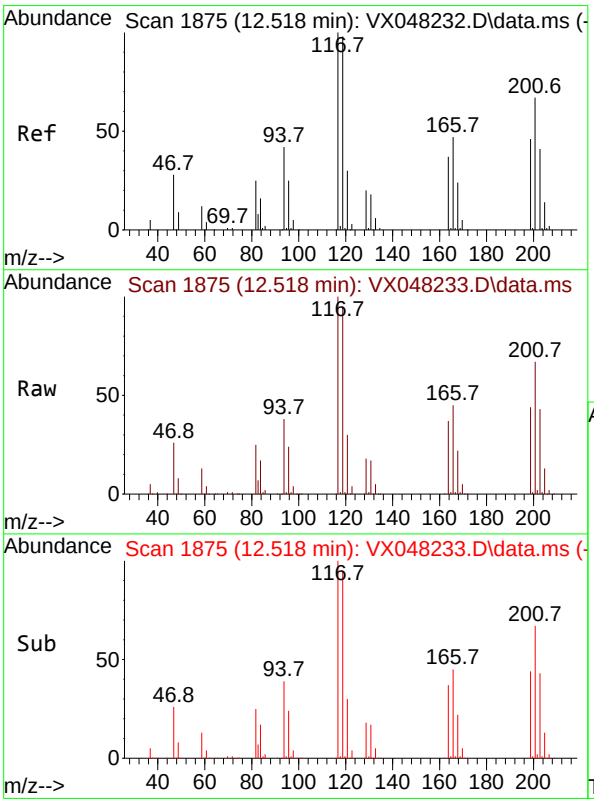
Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.6
134	26.1	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

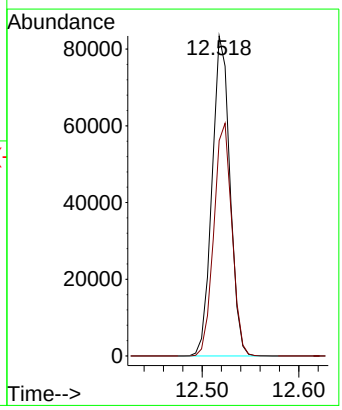


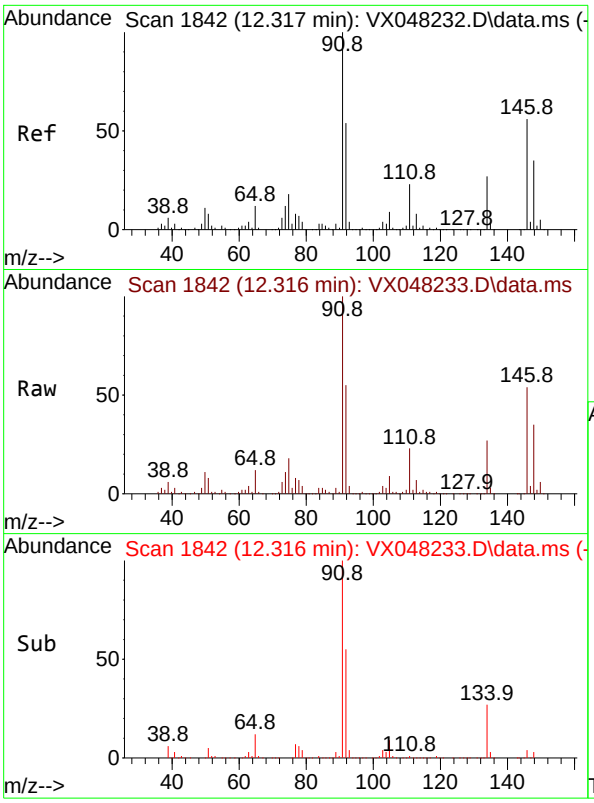


#90
Hexachloroethane
Concen: 105.851 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 107057

Ion	Ratio	Lower	Upper
117	100		
201	73.5	34.1	102.2

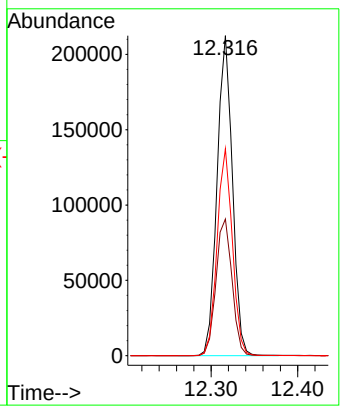




#91
1,2-Dichlorobenzene
Concen: 105.277 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 26102

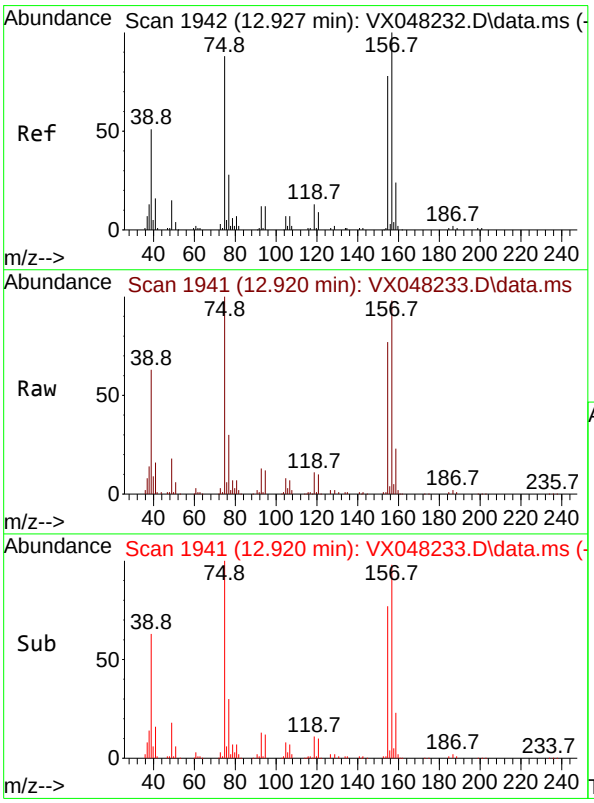
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.9	65.5
148	64.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

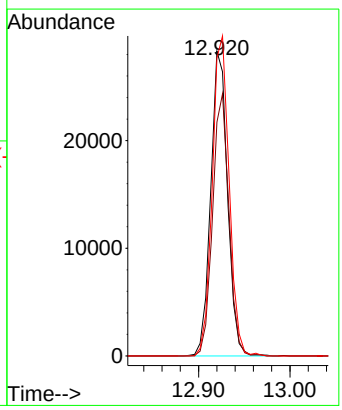
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

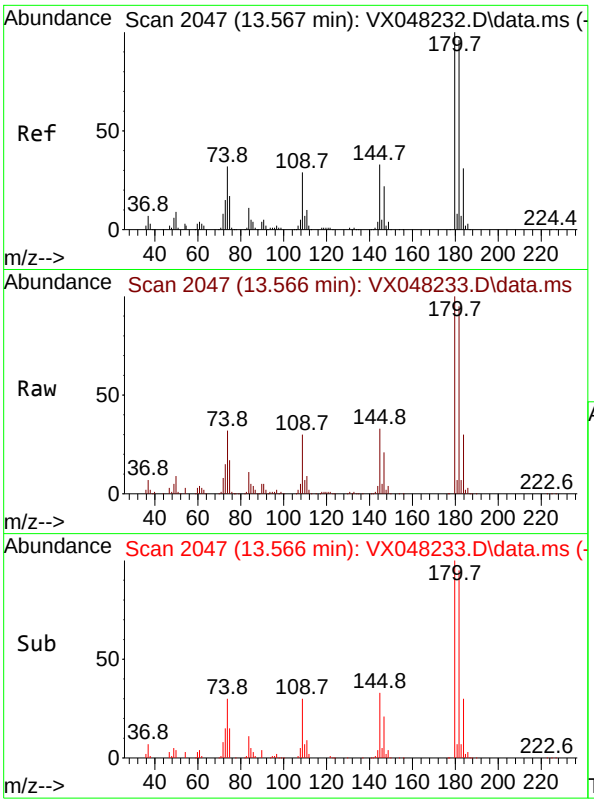


#92
1,2-Dibromo-3-Chloropropane
Concen: 124.320 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087

Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.8	128.4
157	105.4	54.2	162.6





#93
1,2,4-Trichlorobenzene
Concen: 122.679 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

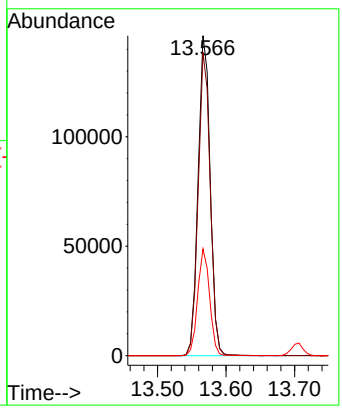
Tgt Ion:180 Resp: 17956

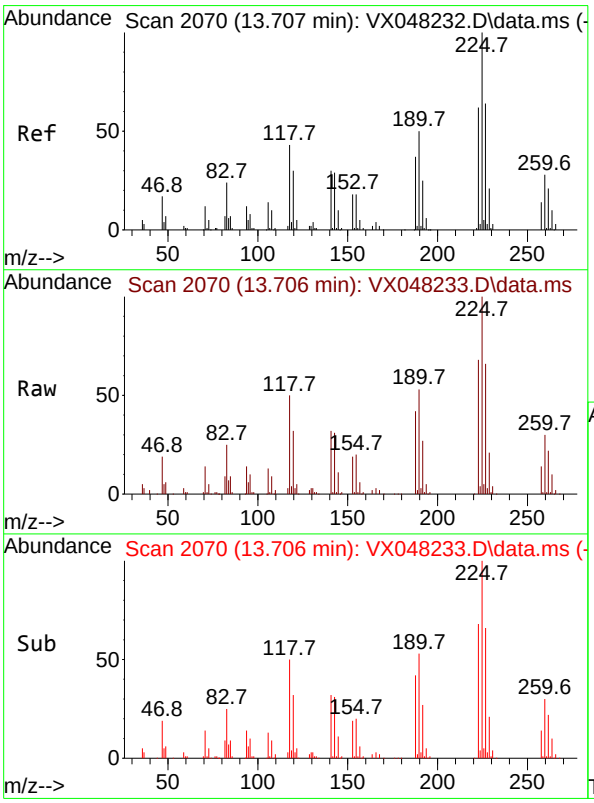
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	33.0	16.3	48.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

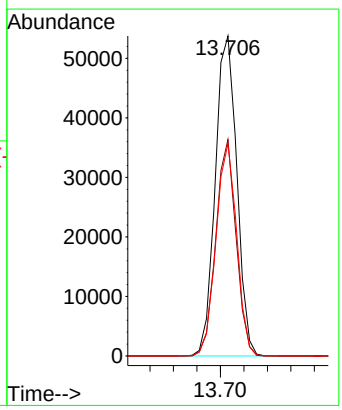


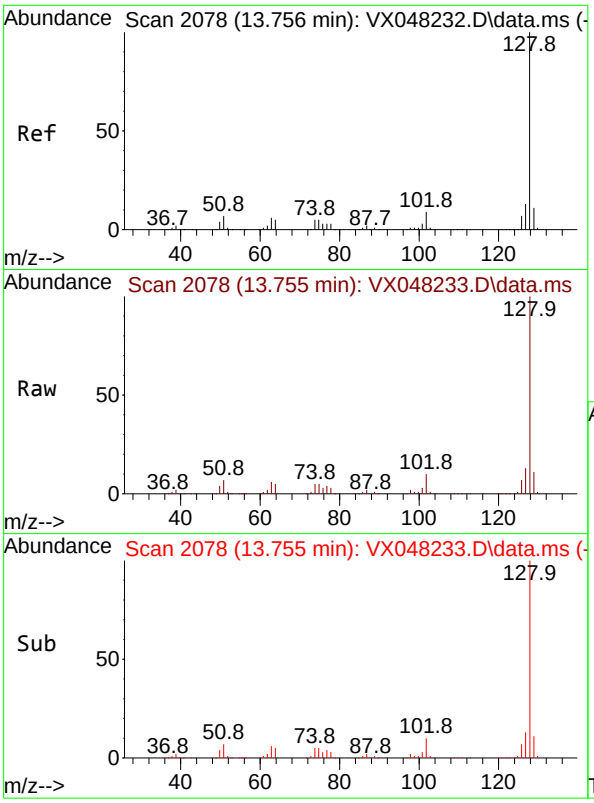


#94
Hexachlorobutadiene
Concen: 121.605 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:225 Resp: 68645

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	63.5	32.5	97.4

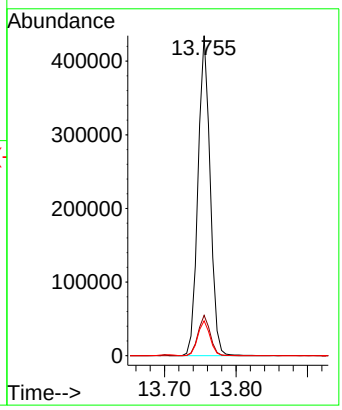




#95
Naphthalene
Concen: 132.536 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:128 Resp: 51135

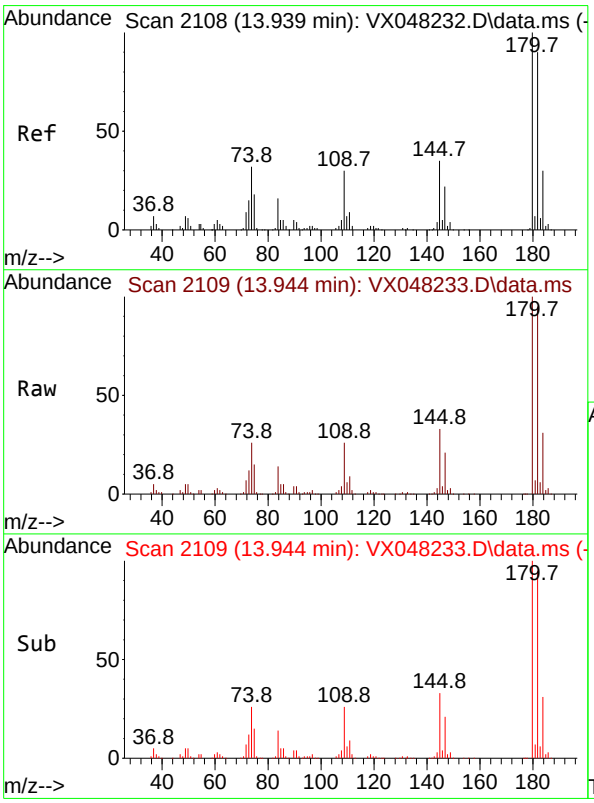
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

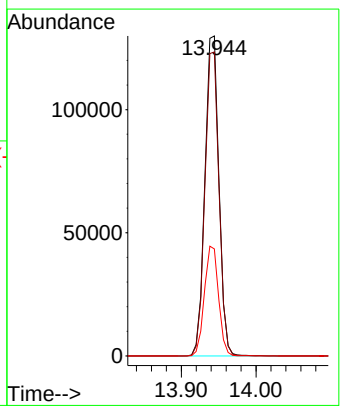
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 125.328 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	34.6	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	112063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	180904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	75397	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234807	135.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 270.500%#			
35) Dibromofluoromethane	5.373	113	188821	150.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 300.780%#			
50) Toluene-d8	8.635	98	648652	143.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 286.820%#			
62) 4-Bromofluorobenzene	11.061	95	239298	145.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 290.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	169514	144.124	ug/l	95
3) Chloromethane	1.301	50	158322	111.112	ug/l	99
4) Vinyl Chloride	1.380	62	149708	99.710	ug/l	99
5) Bromomethane	1.605	94	92946	93.091	ug/l	97
6) Chloroethane	1.685	64	89813	93.997	ug/l	96
7) Trichlorofluoromethane	1.892	101	292007	123.905	ug/l	99
8) Diethyl Ether	2.136	74	81474	101.352	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	184438	138.880	ug/l	96
10) Methyl Iodide	2.453	142	249395	156.785	ug/l	100
11) Tert butyl alcohol	2.959	59	107295	931.439	ug/l	100
12) 1,1-Dichloroethene	2.325	96	178408	137.389	ug/l	95
13) Acrolein	2.239	56	123365	509.584	ug/l	99
14) Allyl chloride	2.666	41	293697	125.734	ug/l	98
15) Acrylonitrile	3.062	53	412892	748.019	ug/l	100
16) Acetone	2.380	43	347029	585.970	ug/l	99
17) Carbon Disulfide	2.514	76	515144	128.936	ug/l	100
18) Methyl Acetate	2.697	43	169402	140.438	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	593033	151.611	ug/l	97
20) Methylene Chloride	2.788	84	190483	132.030	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	187495	139.566	ug/l	98
22) Diisopropyl ether	3.757	45	571951	125.048	ug/l	93
23) Vinyl Acetate	3.715	43	2367511	692.251	ug/l	96
24) 1,1-Dichloroethane	3.605	63	342500	131.992	ug/l	99
25) 2-Butanone	4.544	43	487152	706.046	ug/l	96
26) 2,2-Dichloropropane	4.465	77	310572	140.027	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	222359	139.465	ug/l	98
28) Bromochloromethane	4.891	49	151812	126.922	ug/l	87
29) Tetrahydrofuran	4.989	42	301745	744.697	ug/l	94
30) Chloroform	5.080	83	358626	131.272	ug/l	98
31) Cyclohexane	5.464	56	291302	137.199	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	338462	150.785	ug/l	98
36) 1,1-Dichloropropene	5.684	75	249688	141.173	ug/l	99
37) Ethyl Acetate	4.702	43	208614	147.588	ug/l	97
38) Carbon Tetrachloride	5.666	117	307892	151.663	ug/l	100
39) Methylcyclohexane	7.367	83	315911	158.416	ug/l	95
40) Benzene	6.025	78	730908	139.172	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	115351	152.378	ug/l		97
42) 1,2-Dichloroethane	6.074	62	269245	143.093	ug/l		99
43) Isopropyl Acetate	6.324	43	361084	152.180	ug/l		96
44) Trichloroethene	7.110	130	197244	149.022	ug/l		98
45) 1,2-Dichloropropane	7.415	63	180619	135.890	ug/l		99
46) Dibromomethane	7.568	93	135105	141.273	ug/l		94
47) Bromodichloromethane	7.805	83	292063	141.302	ug/l		97
48) Methyl methacrylate	7.677	41	184354	151.780	ug/l		95
49) 1,4-Dioxane	7.647	88	49895	4563.512	ug/l		88
51) 4-Methyl-2-Pentanone	8.561	43	983125	744.604	ug/l		94
52) Toluene	8.702	92	460742	145.964	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	300251	155.059	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	317375	150.373	ug/l		94
55) 1,1,2-Trichloroethane	9.135	97	169894	144.250	ug/l		98
56) Ethyl methacrylate	9.104	69	272177	169.911	ug/l		94
57) 1,3-Dichloropropane	9.293	76	293650	142.707	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	705780	858.056	ug/l		95
59) 2-Hexanone	9.415	43	694736	752.256	ug/l		96
60) Dibromochloromethane	9.506	129	226642	153.740	ug/l		99
61) 1,2-Dibromoethane	9.592	107	182208	150.876	ug/l		99
64) Tetrachloroethene	9.263	164	168581	154.361	ug/l		91
65) Chlorobenzene	10.061	112	514967	151.209	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	191186	155.782	ug/l		98
67) Ethyl Benzene	10.177	91	898137	153.825	ug/l		99
68) m/p-Xylenes	10.287	106	661019	303.896	ug/l		99
69) o-Xylene	10.622	106	320334	156.444	ug/l		99
70) Styrene	10.640	104	548149	155.523	ug/l		98
71) Bromoform	10.781	173	152209	168.892	ug/l	#	99
73) Isopropylbenzene	10.945	105	849183	161.931	ug/l		100
74) N-amyl acetate	10.829	43	314879	160.952	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	224486	151.104	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	181434m	157.586	ug/l		
77) Bromobenzene	11.183	156	207212	157.899	ug/l		94
78) n-propylbenzene	11.287	91	991960	155.984	ug/l		98
79) 2-Chlorotoluene	11.348	91	585792	152.465	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	699885	162.591	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	83158	176.858	ug/l		97
82) 4-Chlorotoluene	11.439	91	691903	153.240	ug/l		99
83) tert-Butylbenzene	11.695	119	717642	165.020	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	707074	164.961	ug/l		99
85) sec-Butylbenzene	11.872	105	861466	162.035	ug/l		100
86) p-Isopropyltoluene	11.994	119	738496	164.794	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	386062	157.307	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	386885	152.078	ug/l		100
89) n-Butylbenzene	12.311	91	664071	159.098	ug/l		99
90) Hexachloroethane	12.518	117	145813	154.159	ug/l		94
91) 1,2-Dichlorobenzene	12.317	146	359278	154.946	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	50367	185.536	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	247472	180.791	ug/l		100
94) Hexachlorobutadiene	13.707	225	92458	175.138	ug/l		100
95) Naphthalene	13.756	128	719433	199.386	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	233671	185.022	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 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_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 13:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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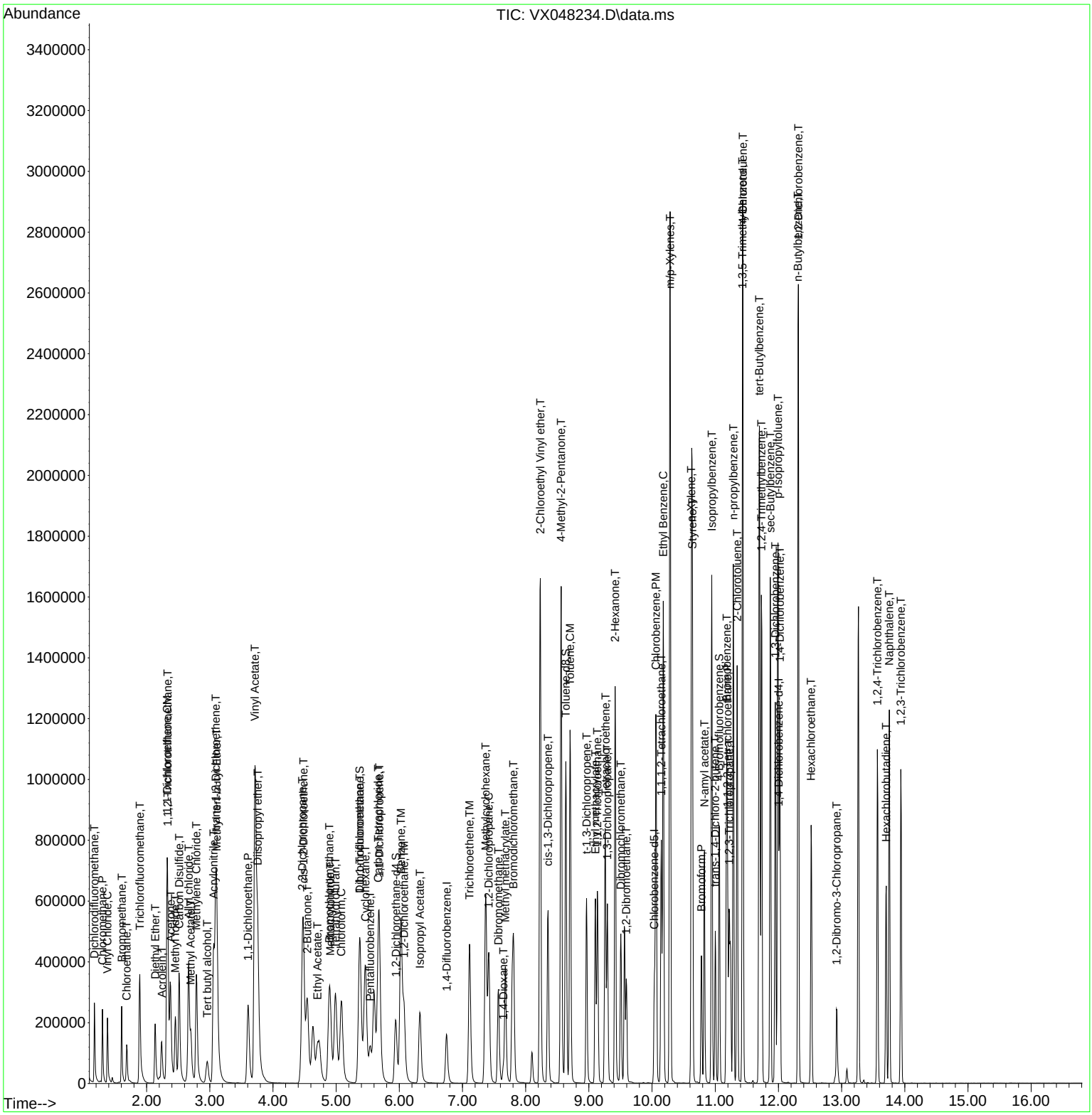
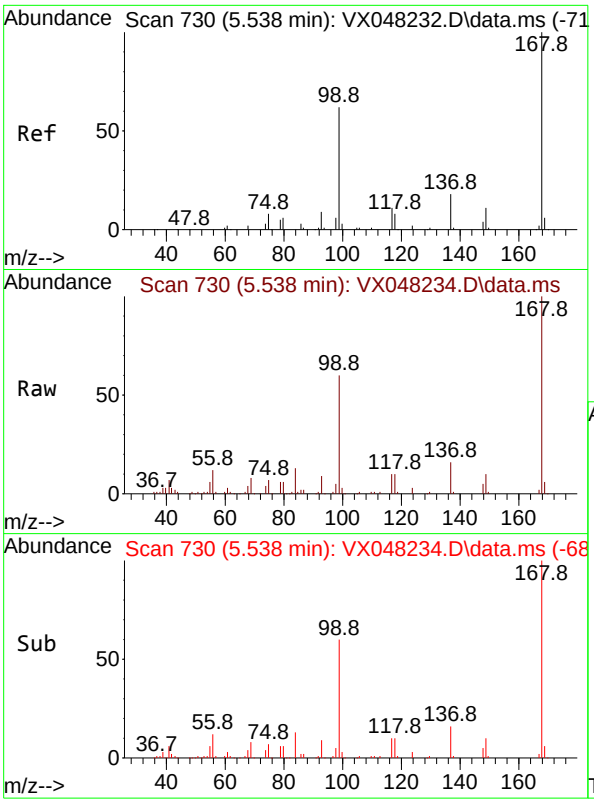
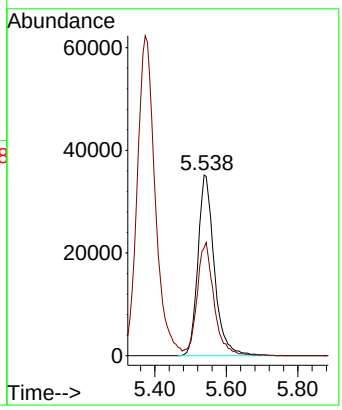




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:168 Resp: 11206

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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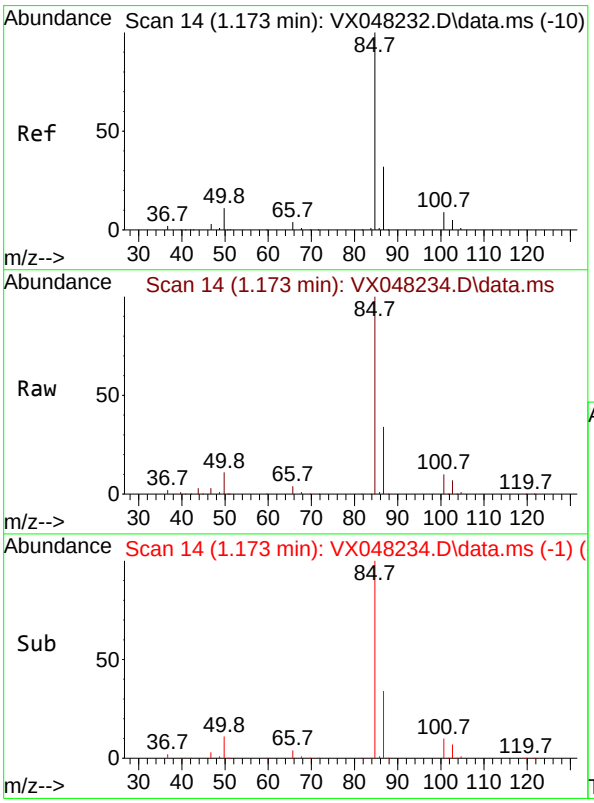
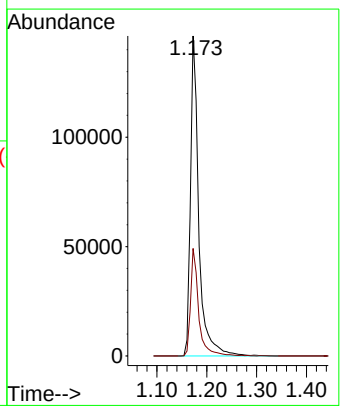
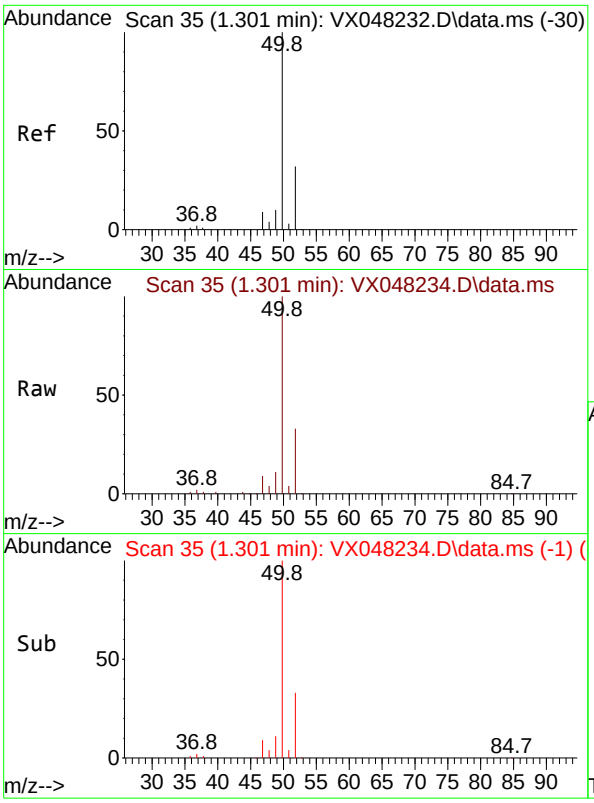


#2
Dichlorodifluoromethane
Concen: 144.124 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514

Ion	Ratio	Lower	Upper
85	100		
87	33.6	15.3	45.9

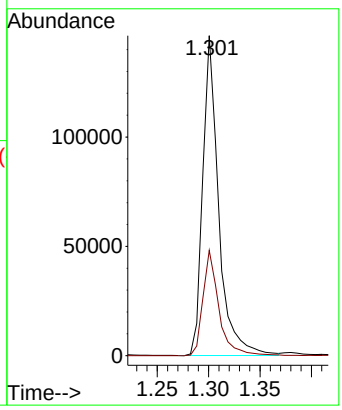




#3
Chloromethane
Concen: 111.112 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 50 Resp: 15832

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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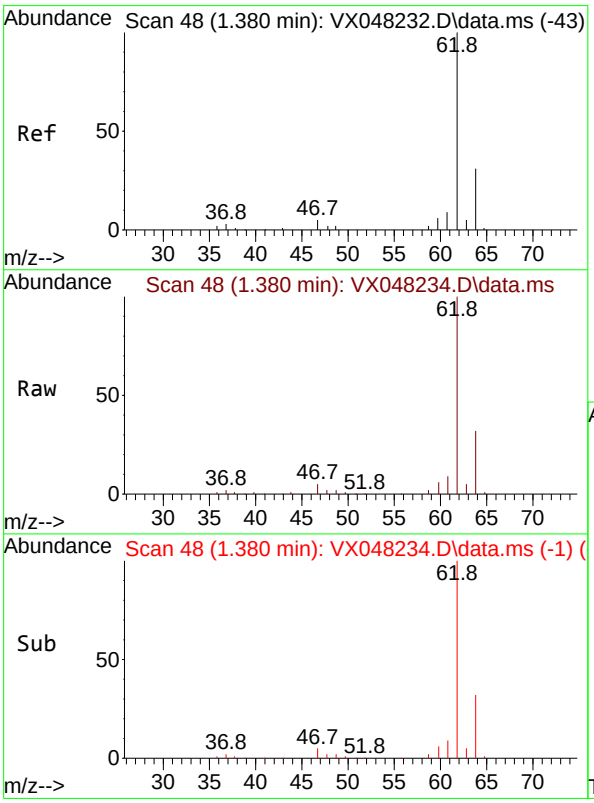
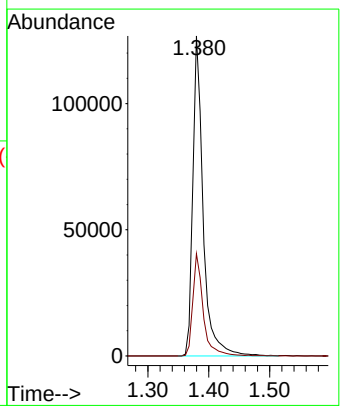
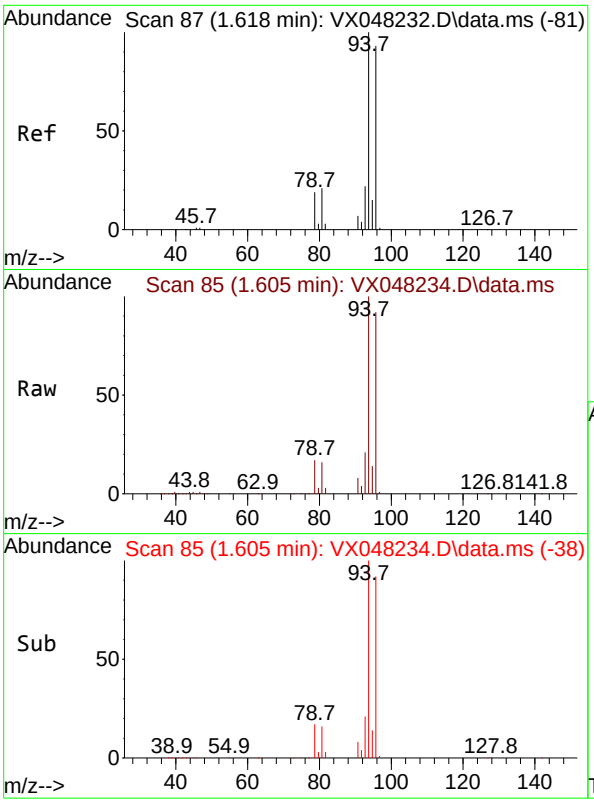


#4
Vinyl Chloride
Concen: 99.710 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.1	37.7

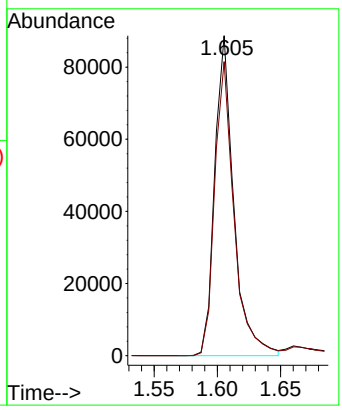




#5
Bromomethane
Concen: 93.091 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 94 Resp: 9294

Ion	Ratio	Lower	Upper
94	100		
96	91.9	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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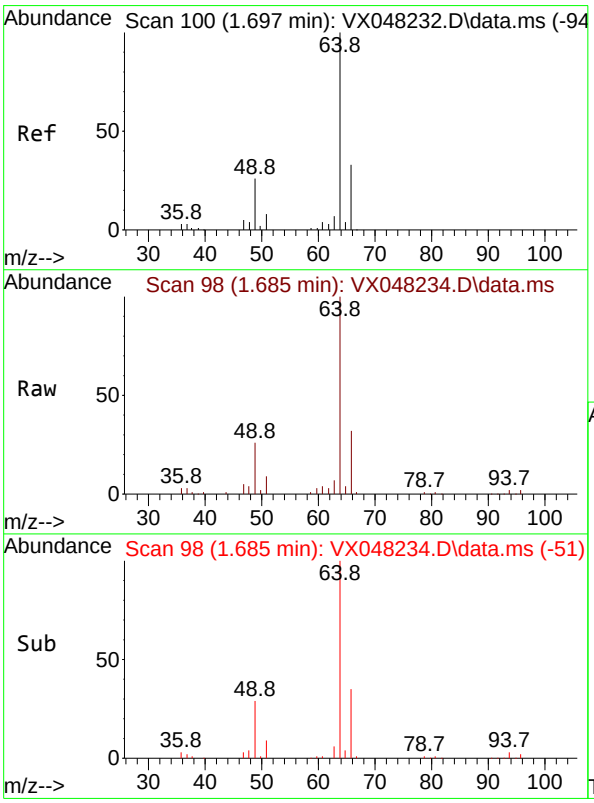
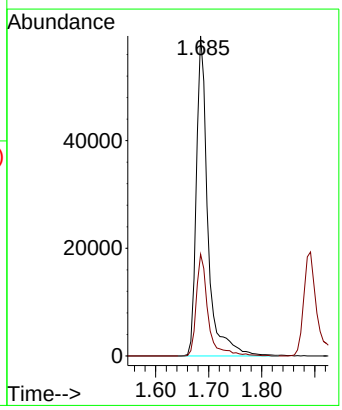
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

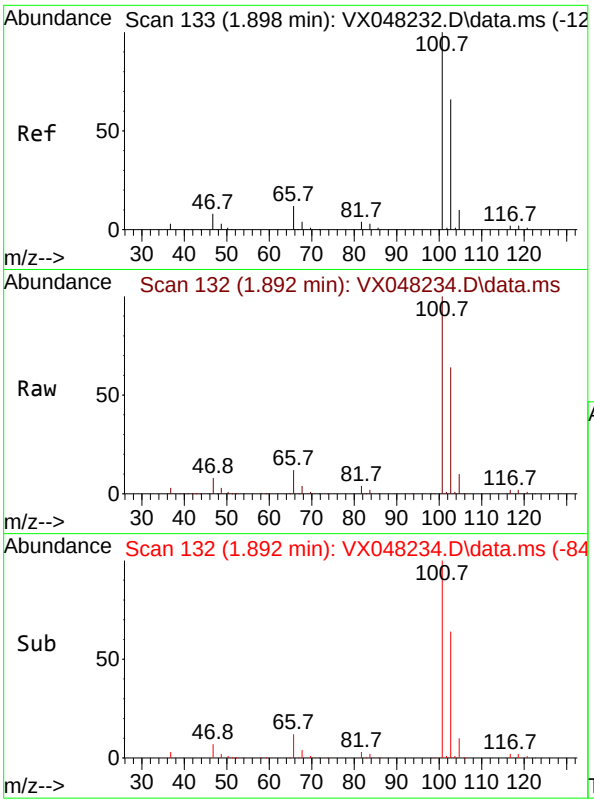


#6
Chloroethane
Concen: 93.997 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813

Ion	Ratio	Lower	Upper
64	100		
66	31.8	23.9	35.9





#7
Trichlorofluoromethane
Concen: 123.905 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:101 Resp: 29200

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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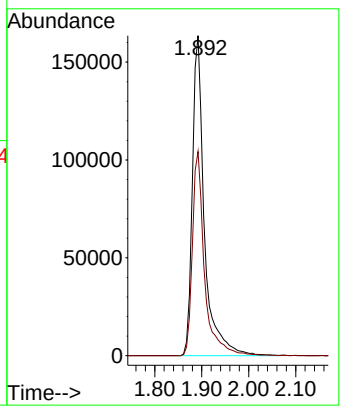
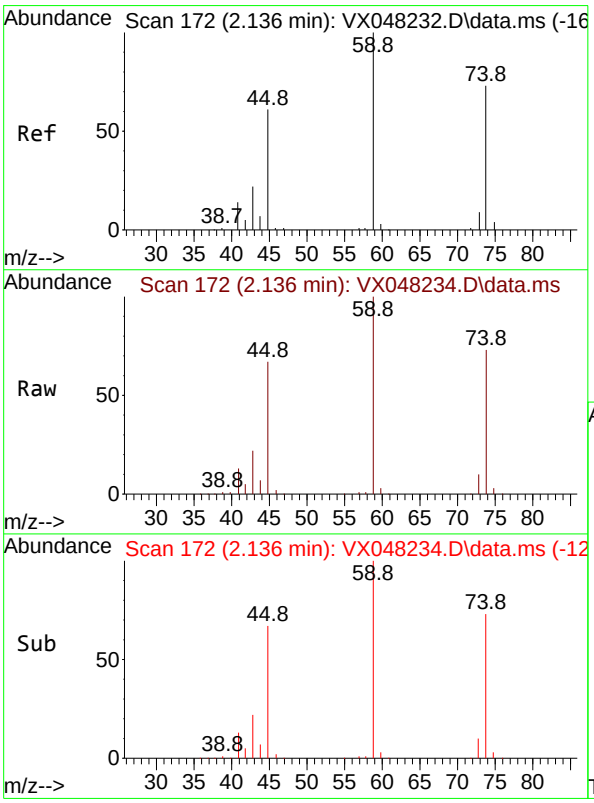
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

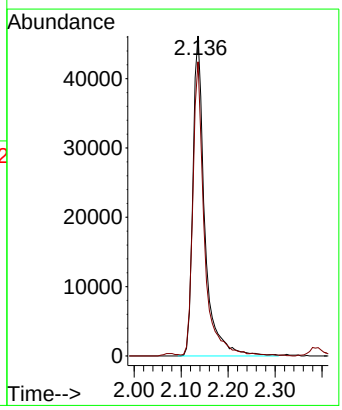


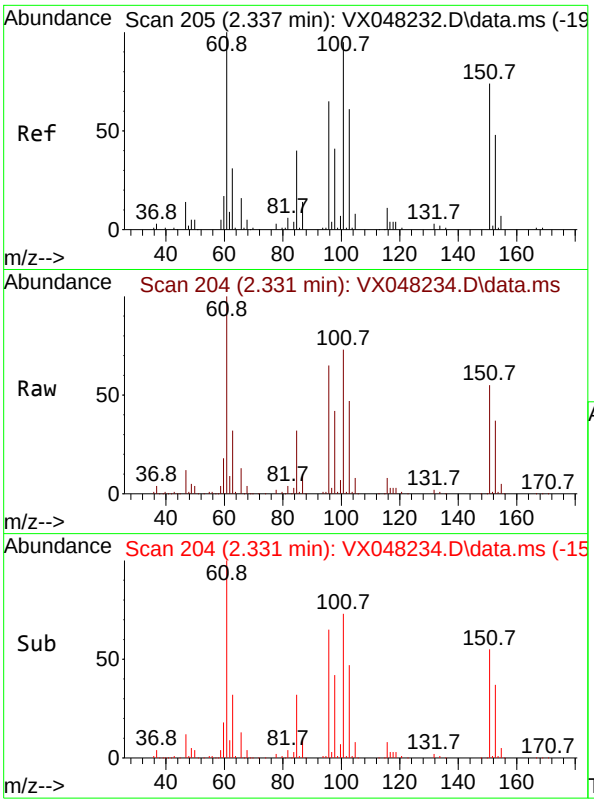


#8
Diethyl Ether
Concen: 101.352 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474

Ion	Ratio	Lower	Upper
74	100		
45	87.5	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.880 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:101 Resp: 18443

Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.6	53.4
151	77.4	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
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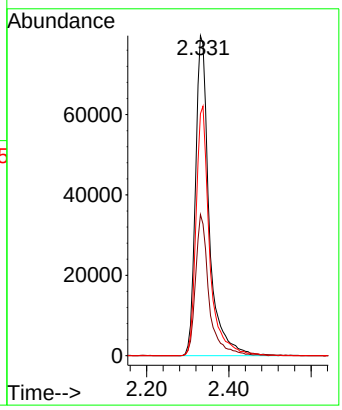
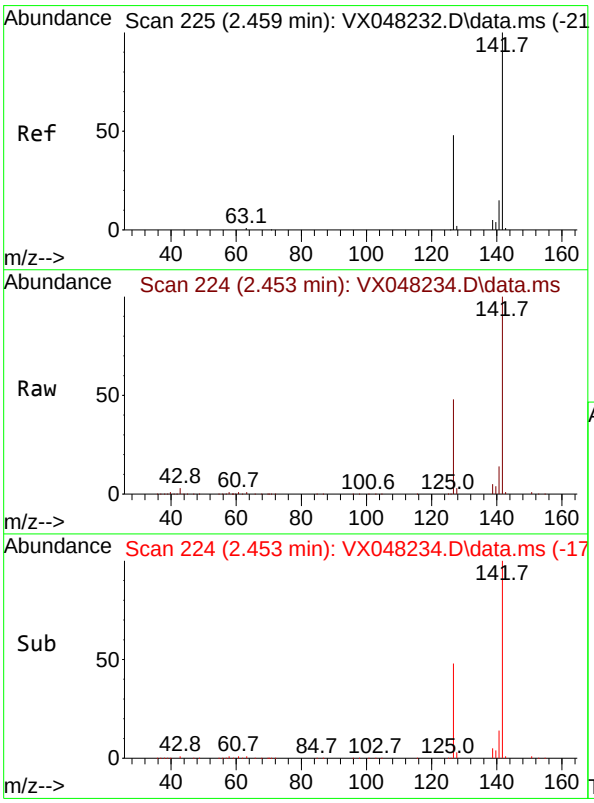
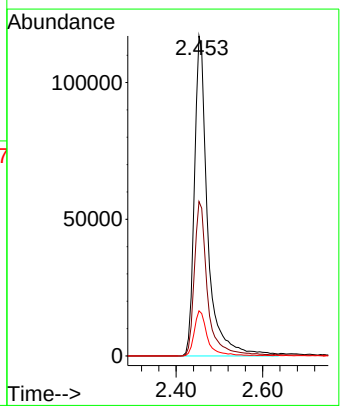


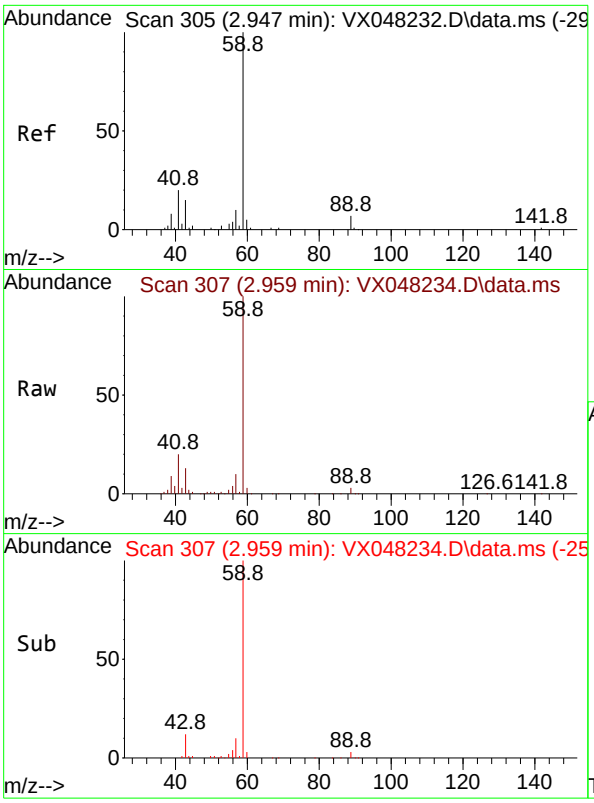


#10
Methyl Iodide
Concen: 156.785 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395

Ion	Ratio	Lower	Upper
142	100		
127	48.2	38.5	57.7
141	14.0	11.6	17.4

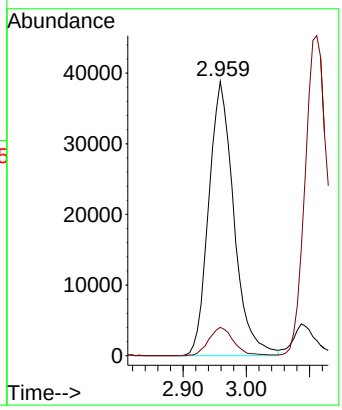




#11
Tert butyl alcohol
Concen: 931.439 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 59 Resp: 10729

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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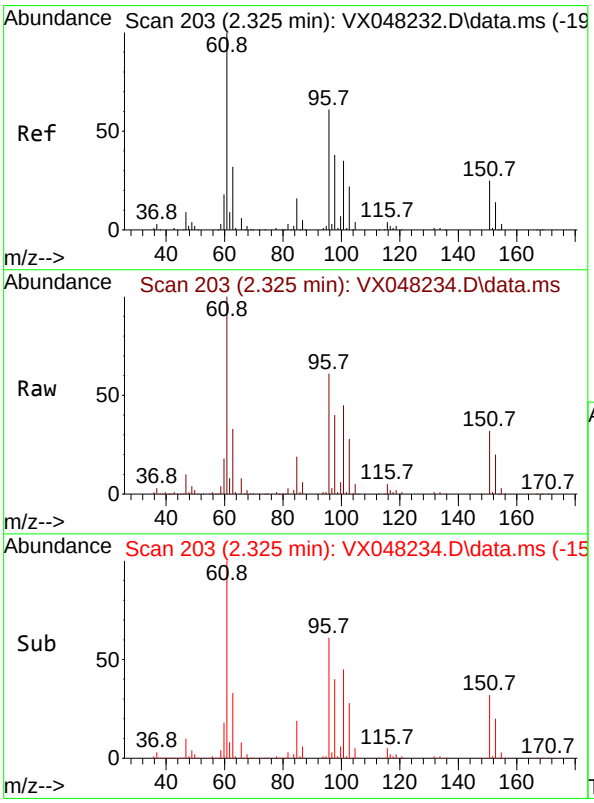
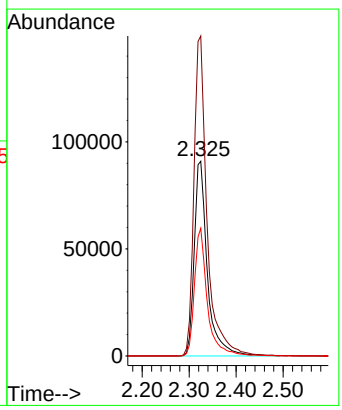
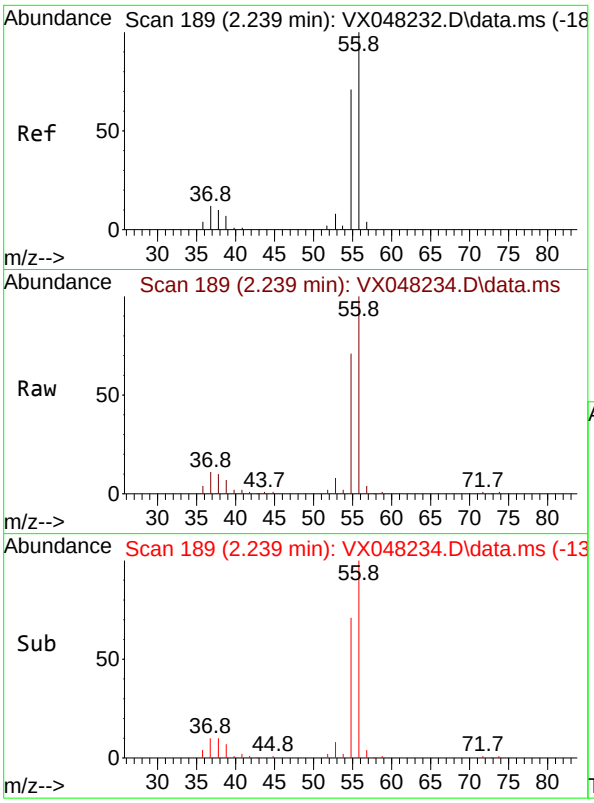


#12
1,1-Dichloroethene
Concen: 137.389 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 178408

Ion	Ratio	Lower	Upper
96	100		
61	164.3	139.0	208.6
98	65.6	52.4	78.6

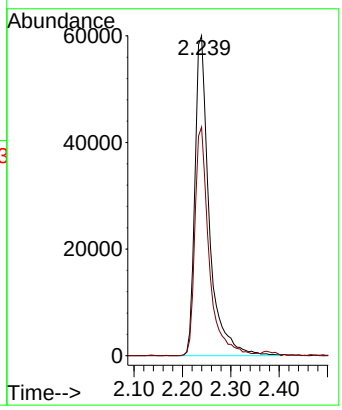




#13
Acrolein
Concen: 509.584 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 56 Resp: 12336

Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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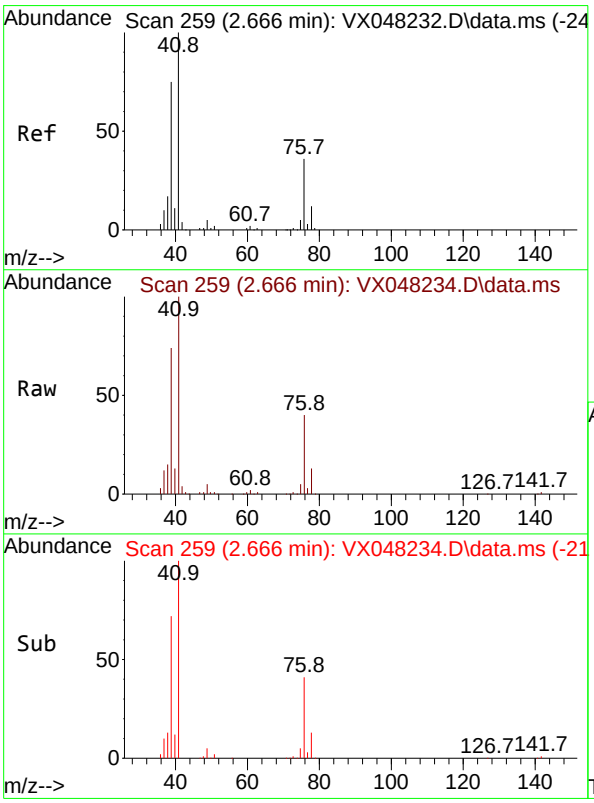
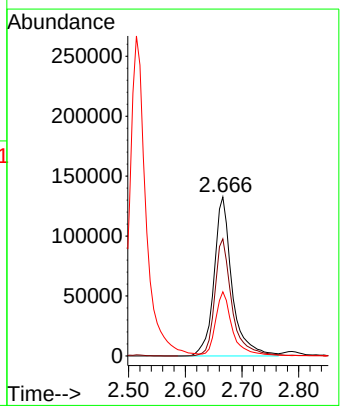
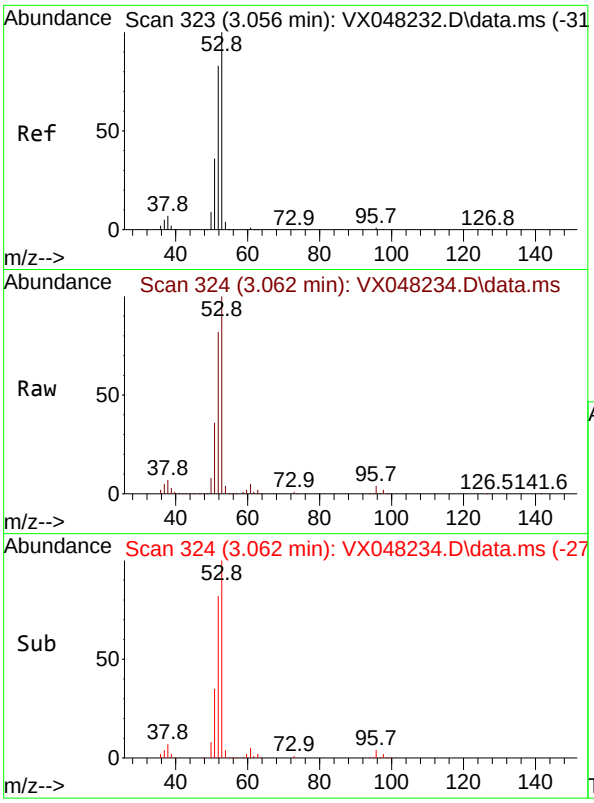


#14
Allyl chloride
Concen: 125.734 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 293697

Ion	Ratio	Lower	Upper
41	100		
39	70.5	56.0	84.0
76	37.7	27.5	41.3

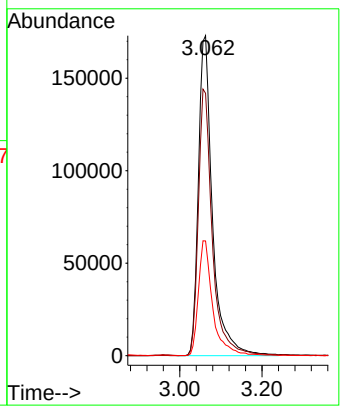




#15
Acrylonitrile
Concen: 748.019 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 53 Resp: 41289

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	36.5	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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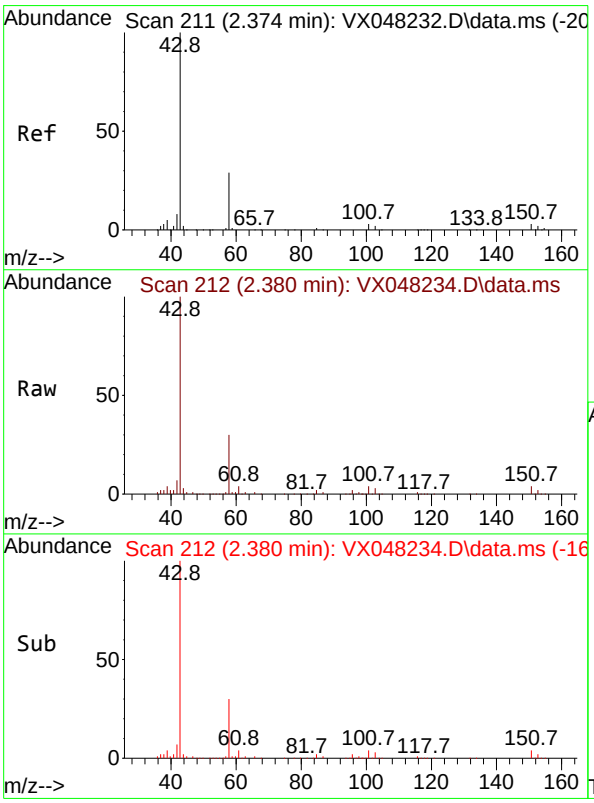
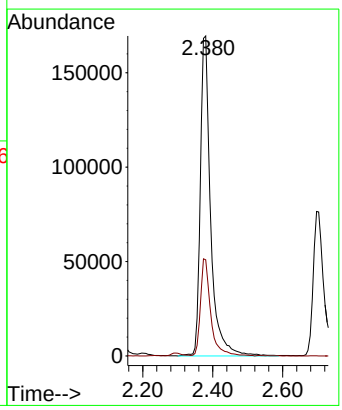
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

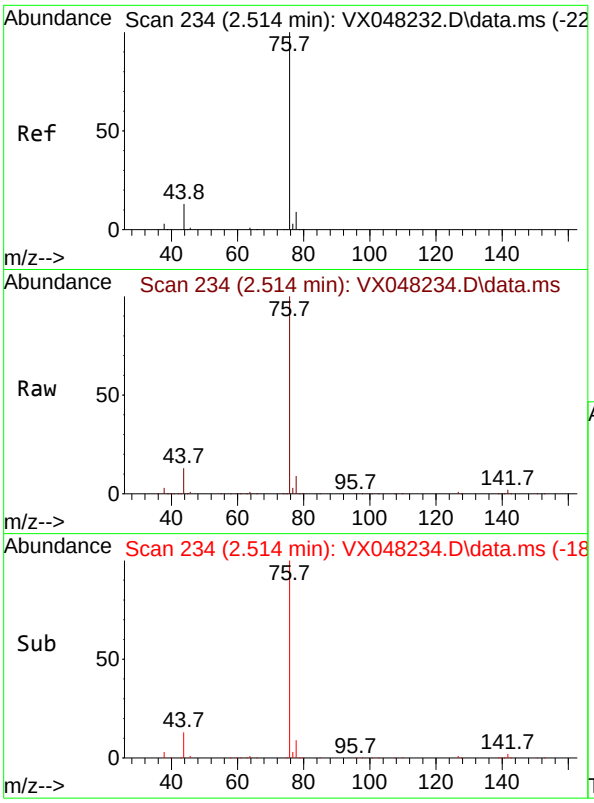


#16
Acetone
Concen: 585.970 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 347029

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.2

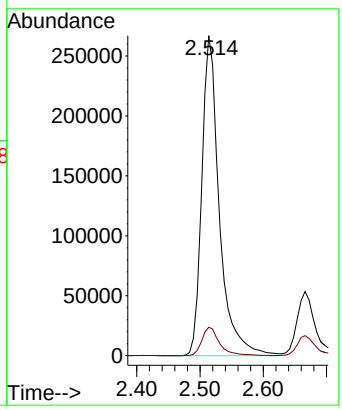




#17
Carbon Disulfide
Concen: 128.936 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 76 Resp: 51514

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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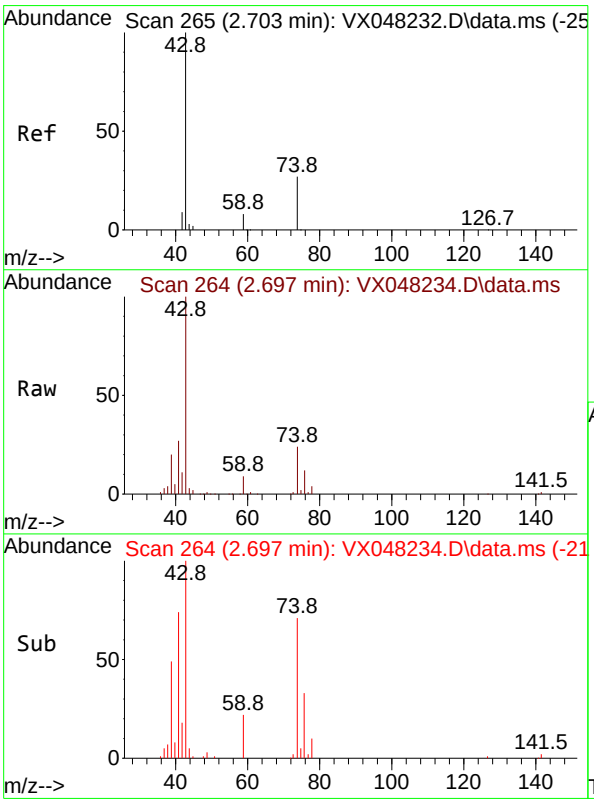
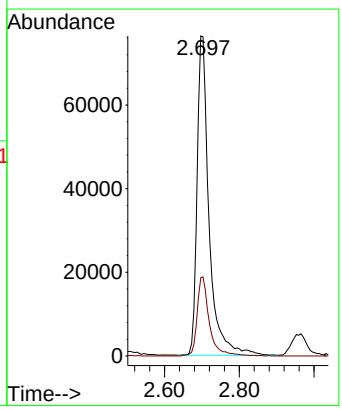
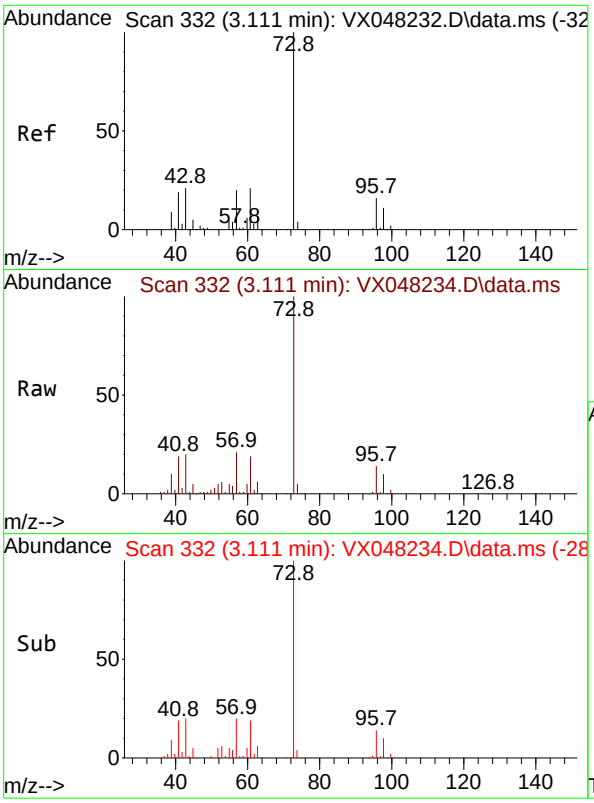


#18
Methyl Acetate
Concen: 140.438 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 169402

Ion	Ratio	Lower	Upper
43	100		
74	25.2	17.5	26.3

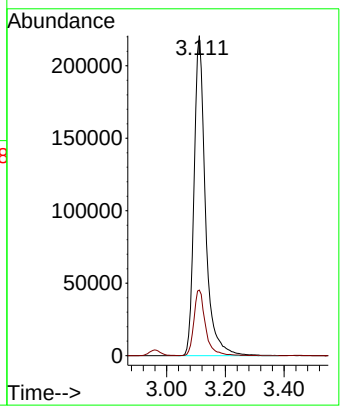




#19
Methyl tert-butyl Ether
Concen: 151.611 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 73 Resp: 59303

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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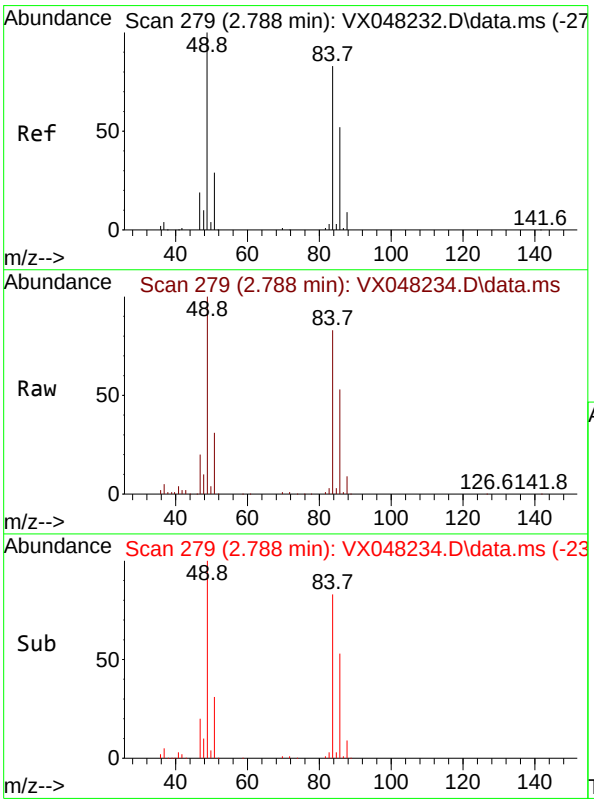
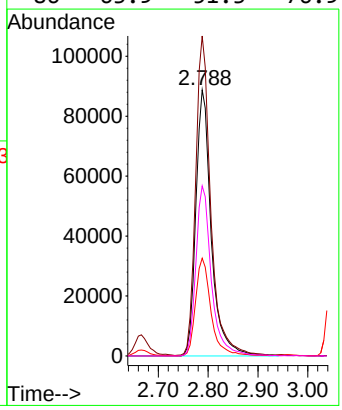
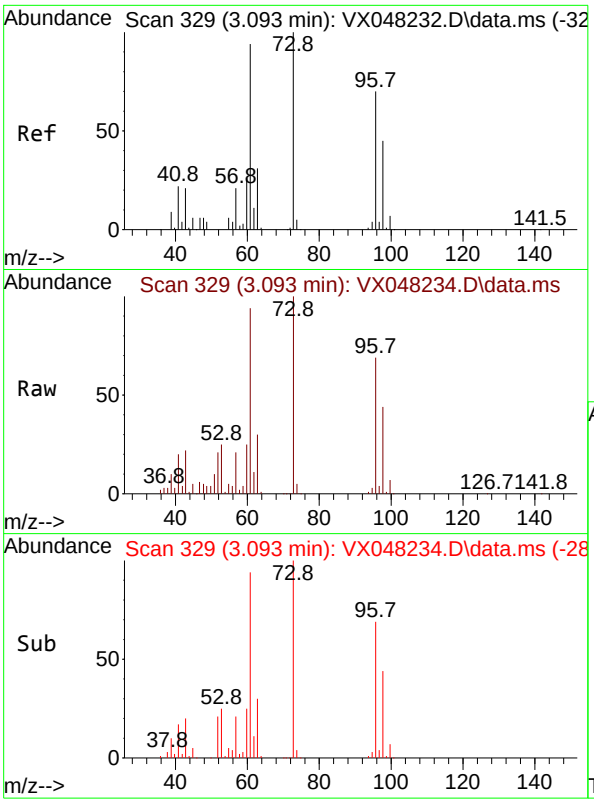


#20
Methylene Chloride
Concen: 132.030 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 84 Resp: 190483

Ion	Ratio	Lower	Upper
84	100		
49	120.0	104.1	156.1
51	36.7	31.3	46.9
86	63.9	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 139.566 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 18749

Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.9	167.9
98	64.1	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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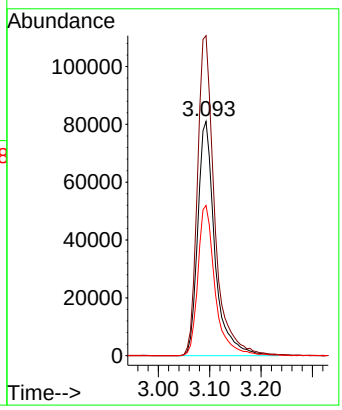
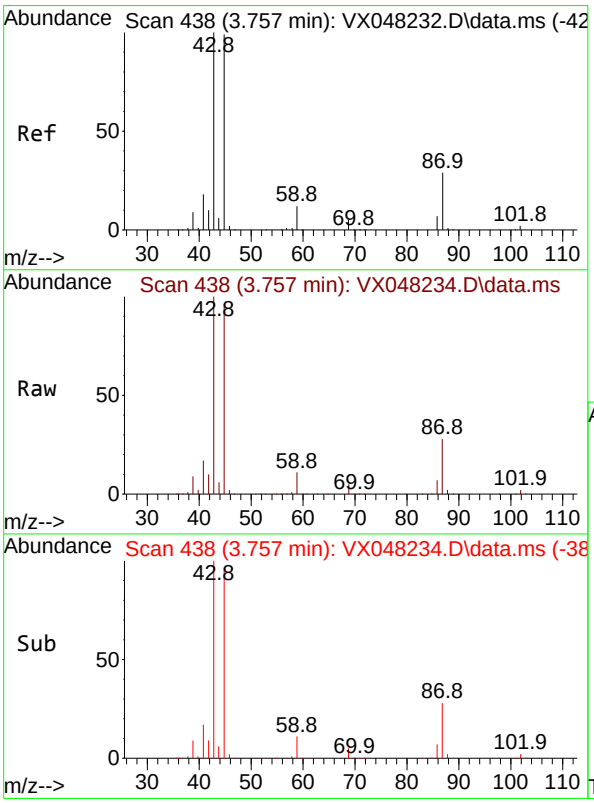
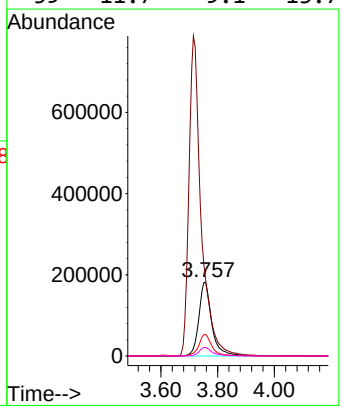


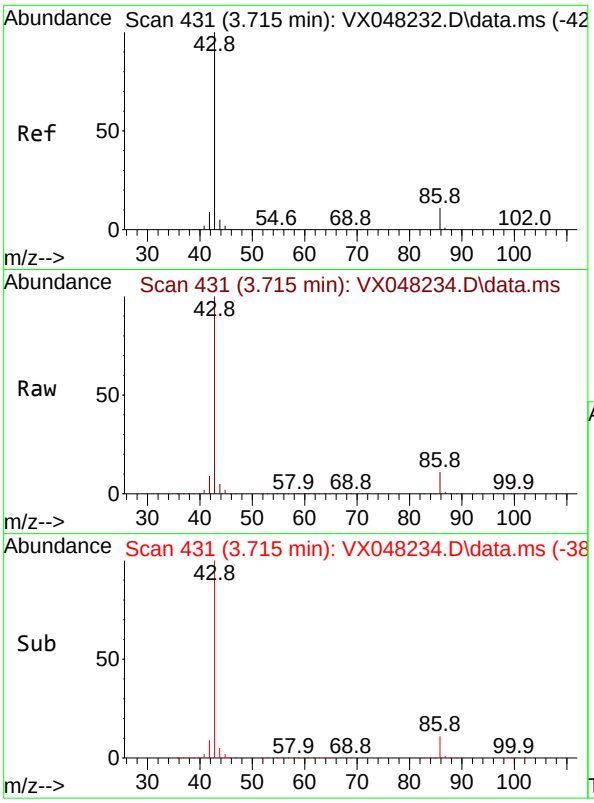


#22
Diisopropyl ether
Concen: 125.048 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951

Ion	Ratio	Lower	Upper
45	100		
43	104.2	89.8	134.8
87	29.4	20.6	31.0
59	11.7	9.1	13.7





#23
Vinyl Acetate
Concen: 692.251 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 236751

Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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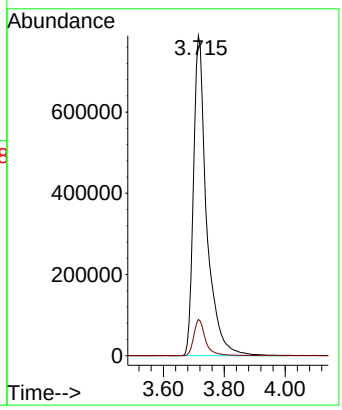
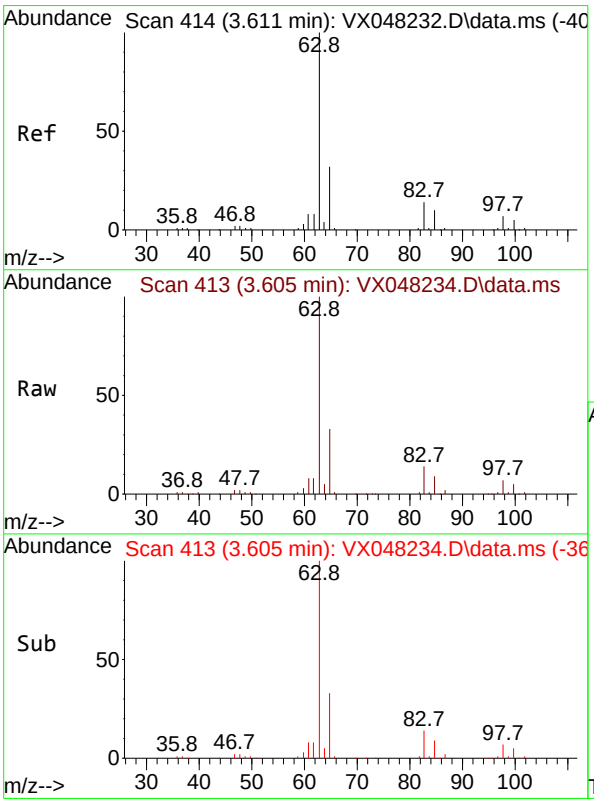
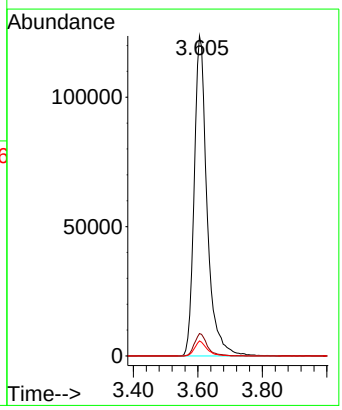


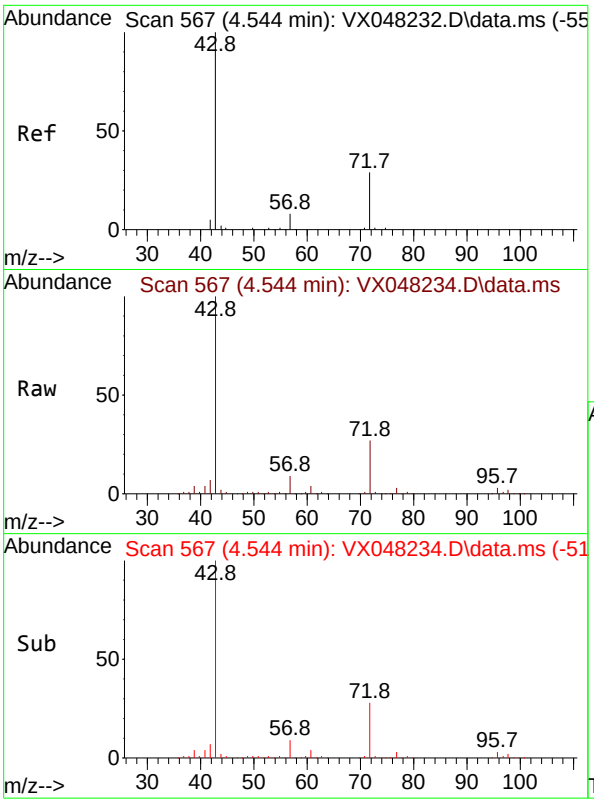


#24
1,1-Dichloroethane
Concen: 131.992 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.7	2.1	6.3





#25
2-Butanone
Concen: 706.046 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 48715

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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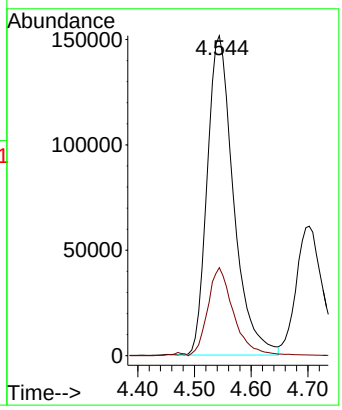
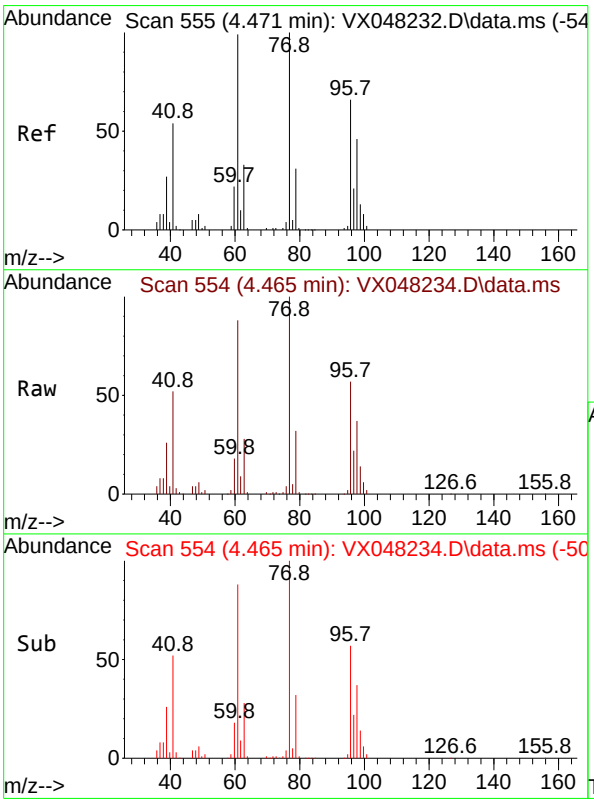
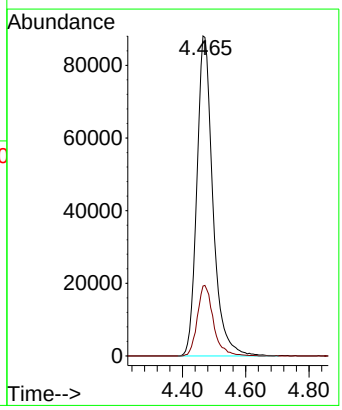


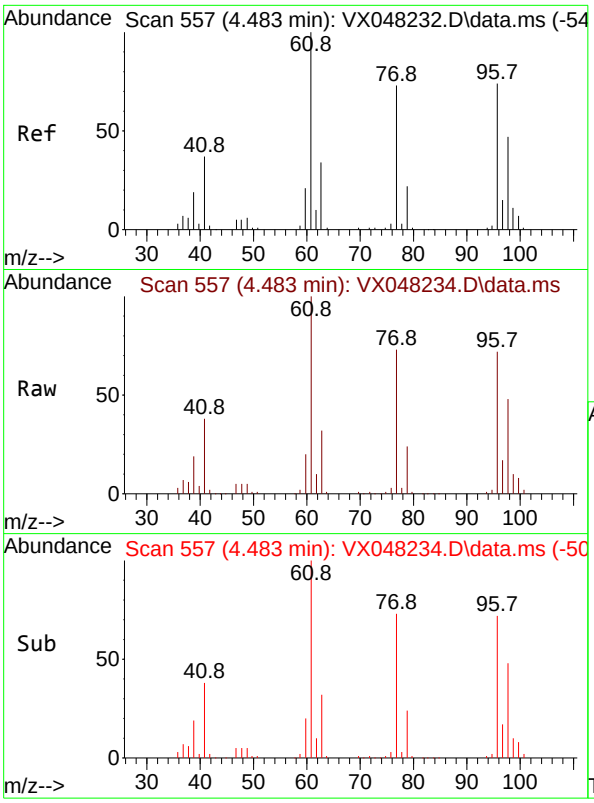


#26
2,2-Dichloropropane
Concen: 140.027 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 139.465 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 22235

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	65.1	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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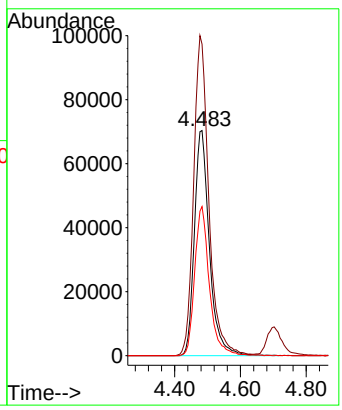
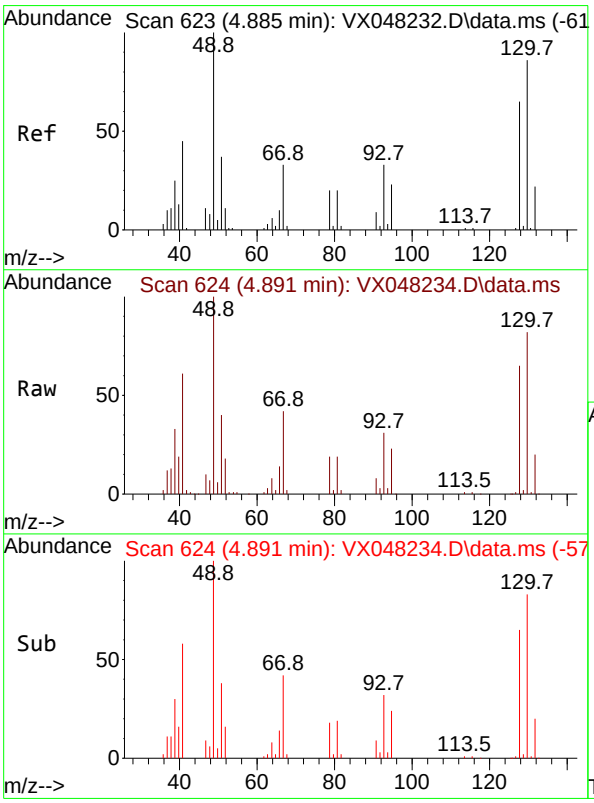
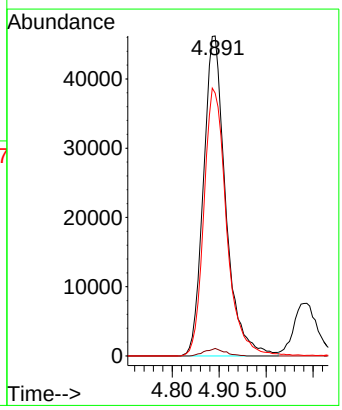


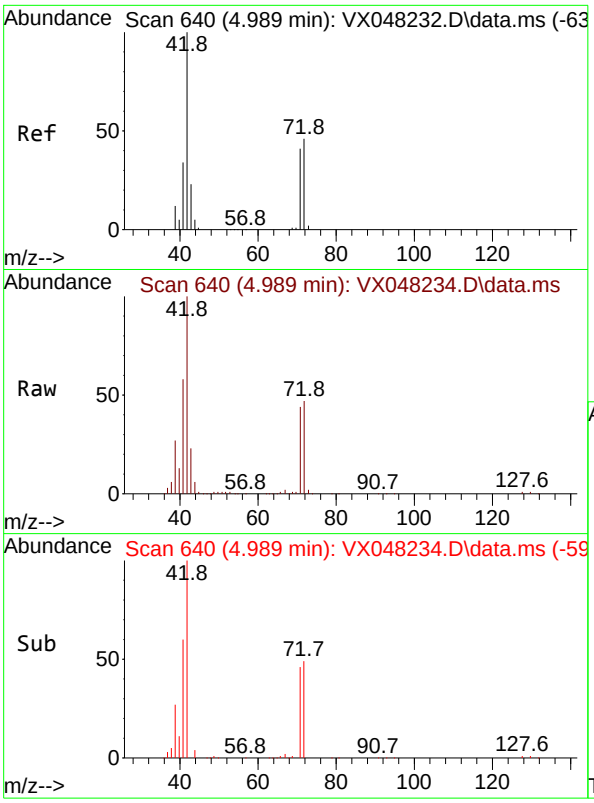


#28
Bromochloromethane
Concen: 126.922 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 49 Resp: 151812

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	85.6	59.3	88.9

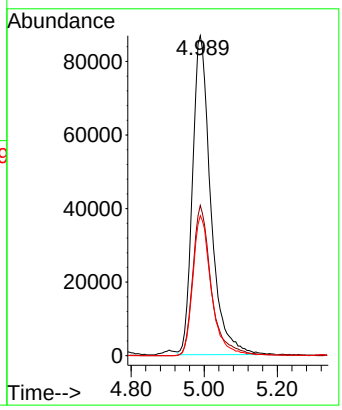




#29
Tetrahydrofuran
Concen: 744.697 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 42 Resp: 30174

Ion	Ratio	Lower	Upper
42	100		
72	47.8	35.3	52.9
71	44.1	32.2	48.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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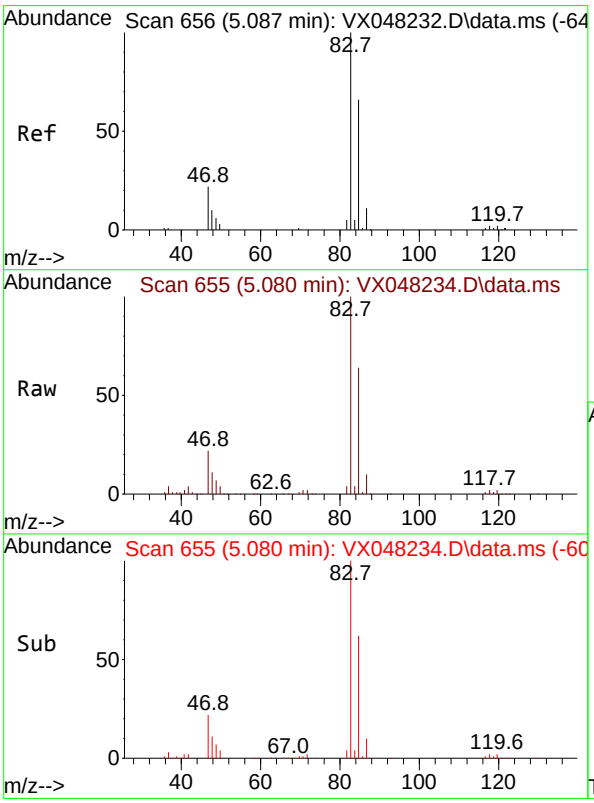
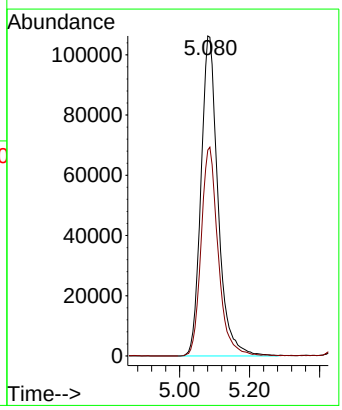
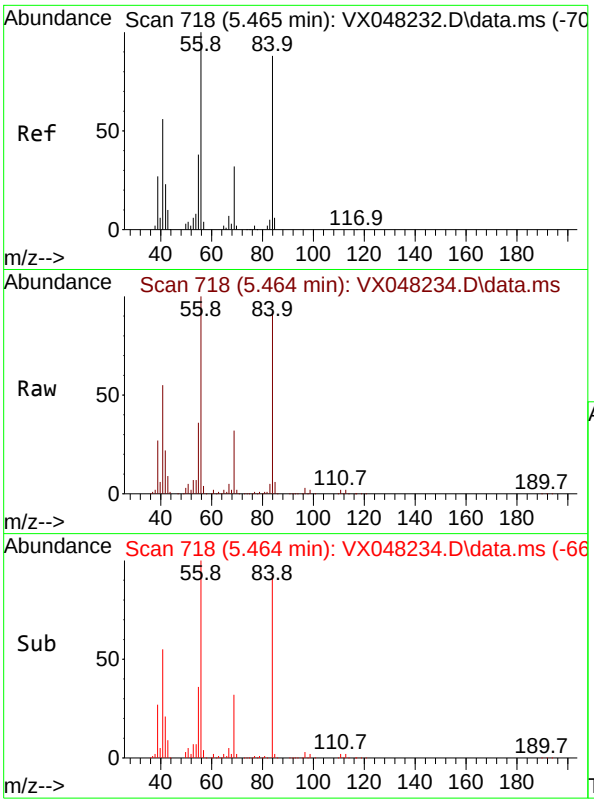


#30
Chloroform
Concen: 131.272 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 358626

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1

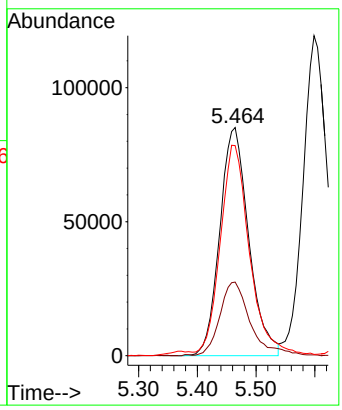




#31
Cyclohexane
Concen: 137.199 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 56 Resp: 29130

Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.0	34.6
84	90.1	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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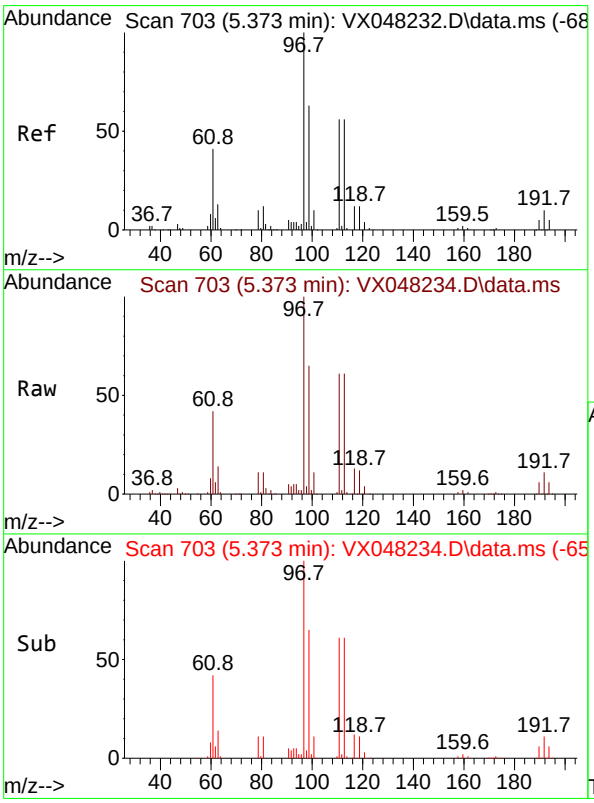
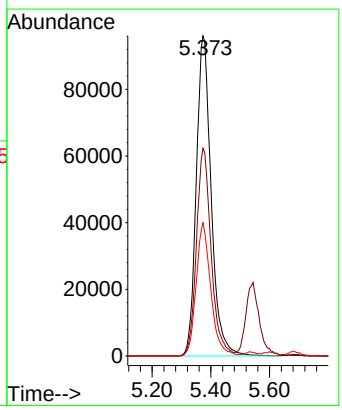
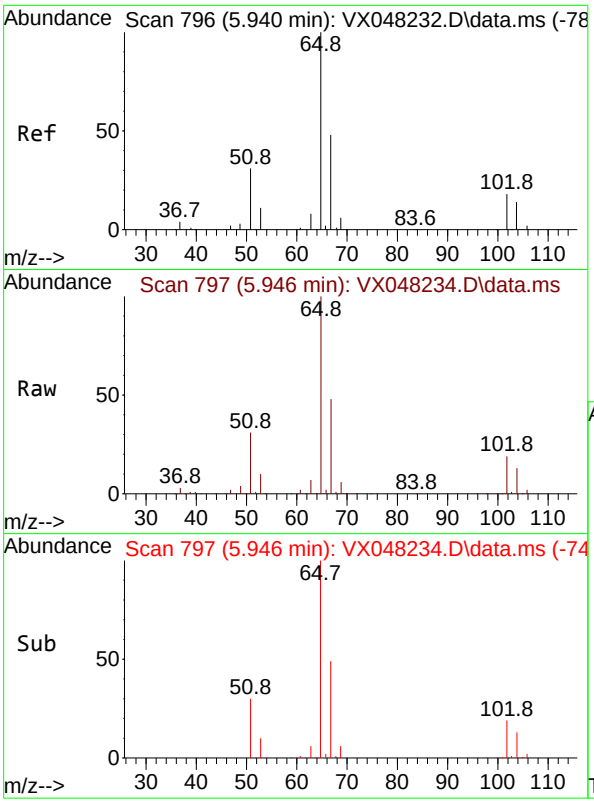


#32
1,1,1-Trichloroethane
Concen: 150.785 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	40.8	34.8	52.2

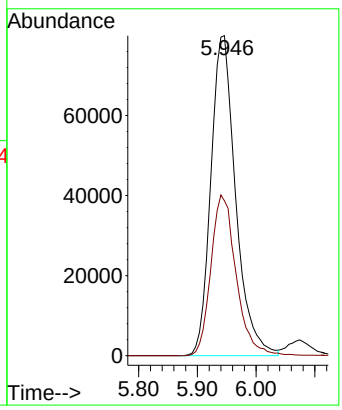




#33
1,2-Dichloroethane-d4
Concen: 135.251 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 65 Resp: 23480

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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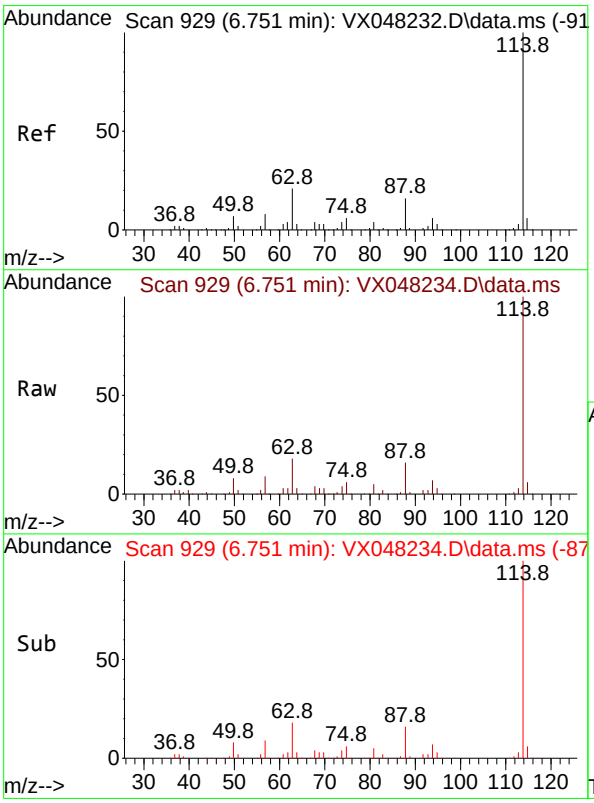
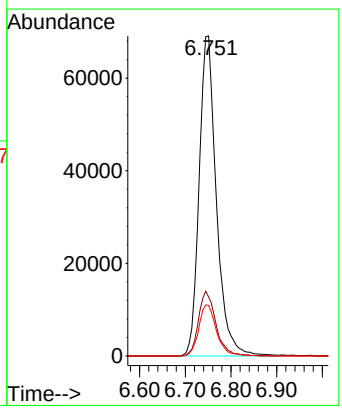
Supervised By :Semsettin Yesilyurt 10/21/2025

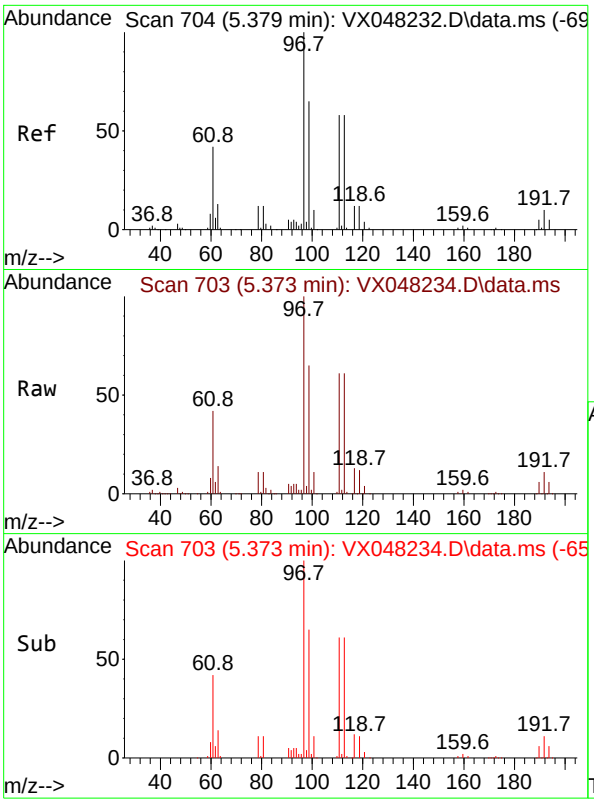


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:114 Resp: 180904

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	15.8	0.0	33.6

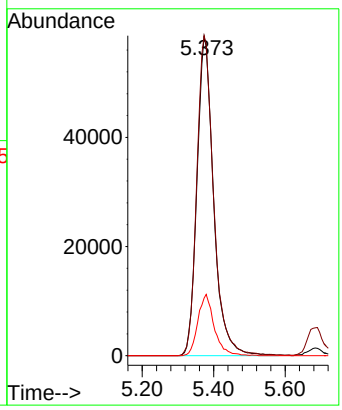




#35
Dibromofluoromethane
Concen: 150.393 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:113 Resp: 18882

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	18.8	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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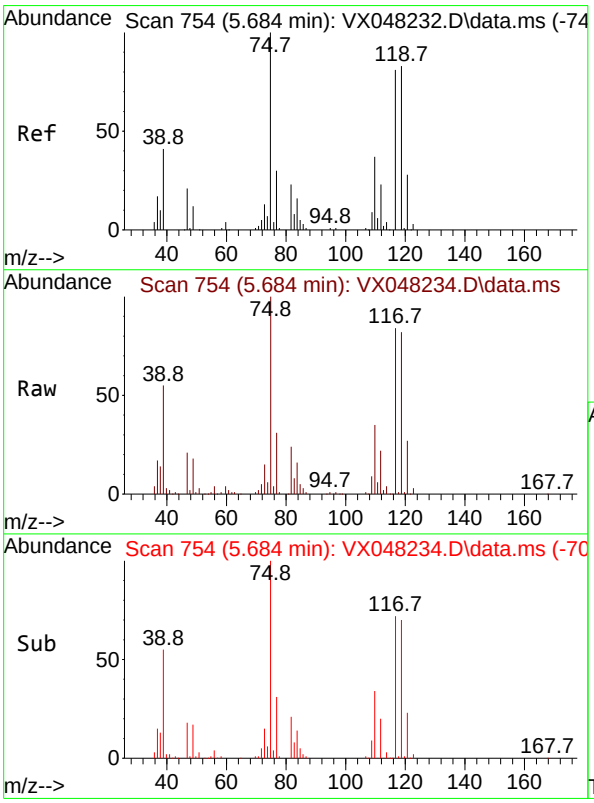
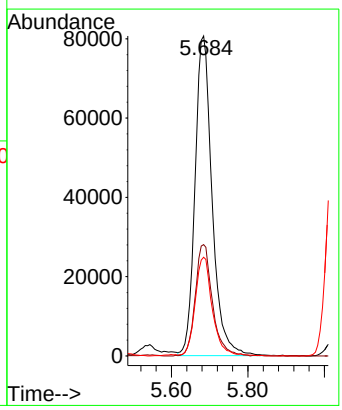
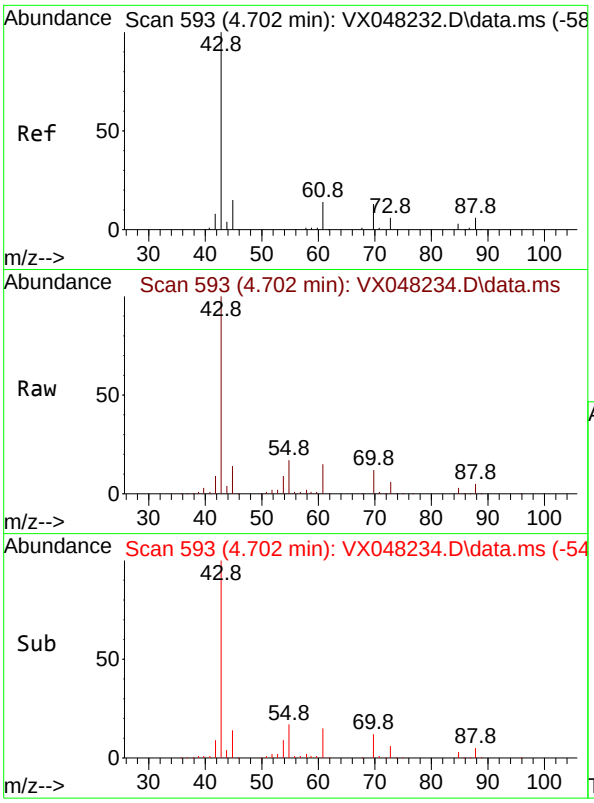


#36
1,1-Dichloropropene
Concen: 141.173 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	31.2	24.3	36.5

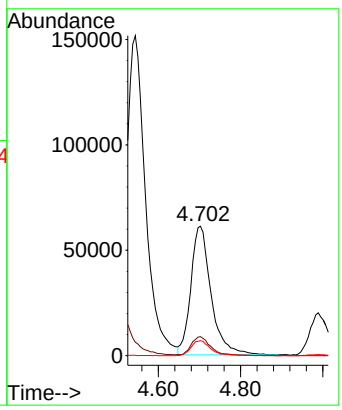




#37
Ethyl Acetate
Concen: 147.588 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 20861

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	11.2	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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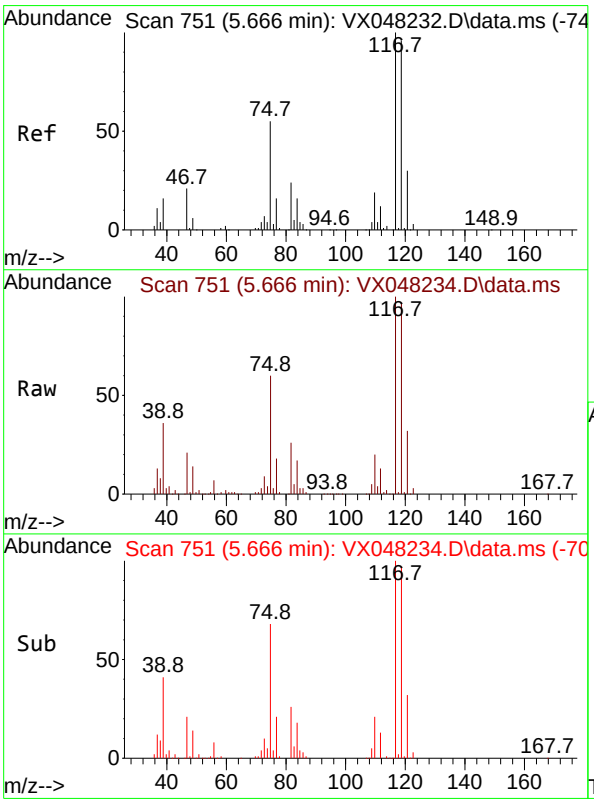
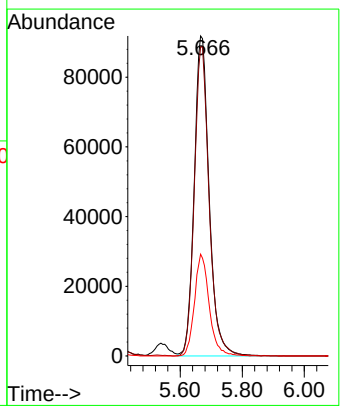
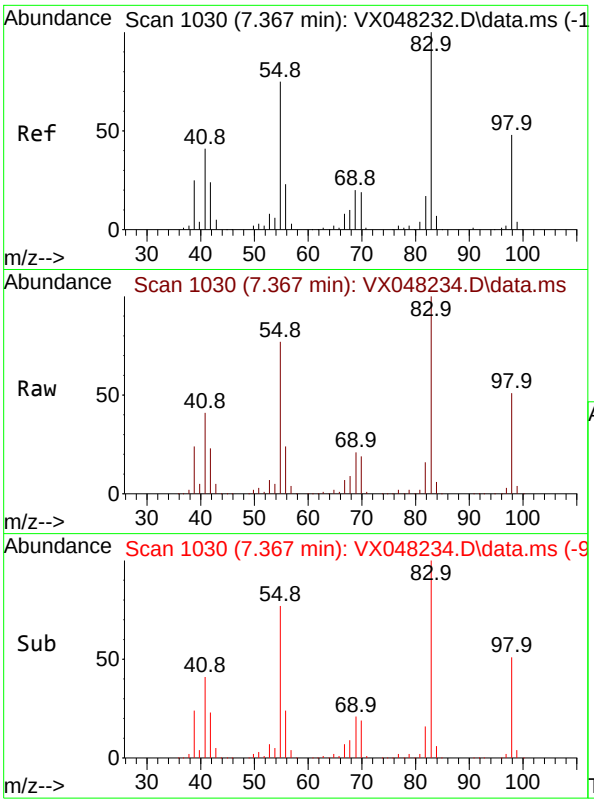


#38
Carbon Tetrachloride
Concen: 151.663 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 307892

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.2	115.8
121	31.8	24.8	37.2

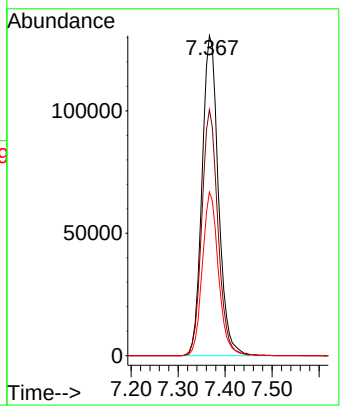




#39
Methylcyclohexane
Concen: 158.416 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 31591

Ion	Ratio	Lower	Upper
83	100		
55	76.9	66.2	99.2
98	51.1	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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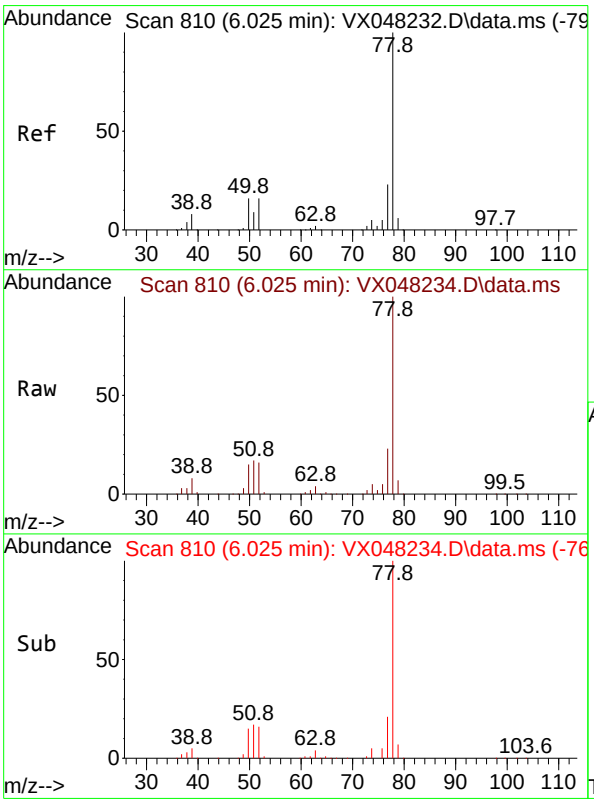
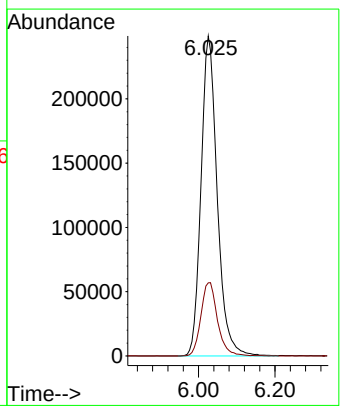
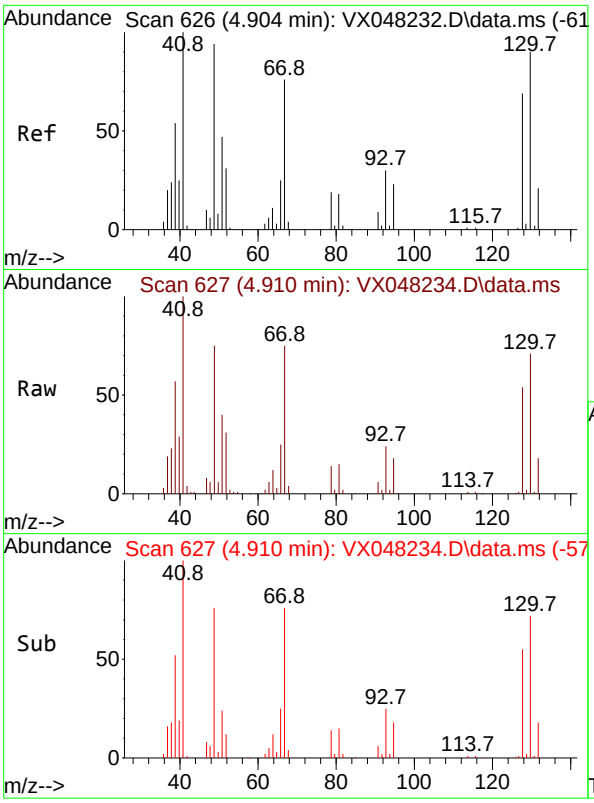


#40
Benzene
Concen: 139.172 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 78 Resp: 730908

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9

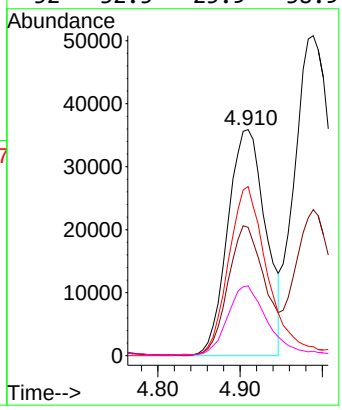




#41
Methacrylonitrile
Concen: 152.378 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 11535

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	78.1	58.7	88.1
52	32.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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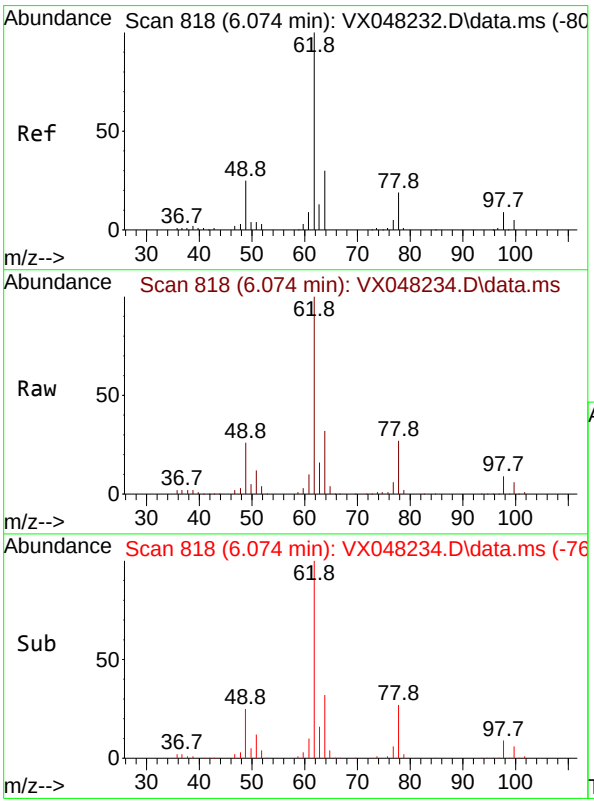
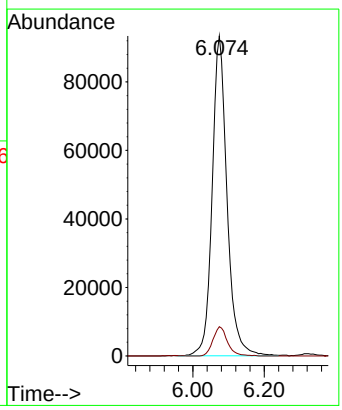
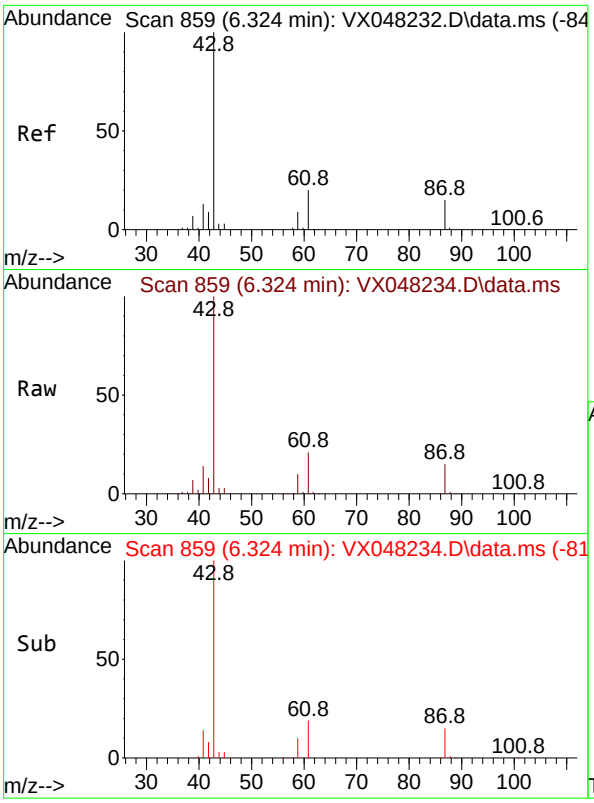


#42
1,2-Dichloroethane
Concen: 143.093 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43
Isopropyl Acetate
Concen: 152.180 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 36108

Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.9	22.3
87	14.0	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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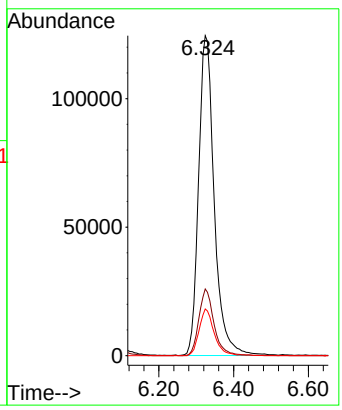
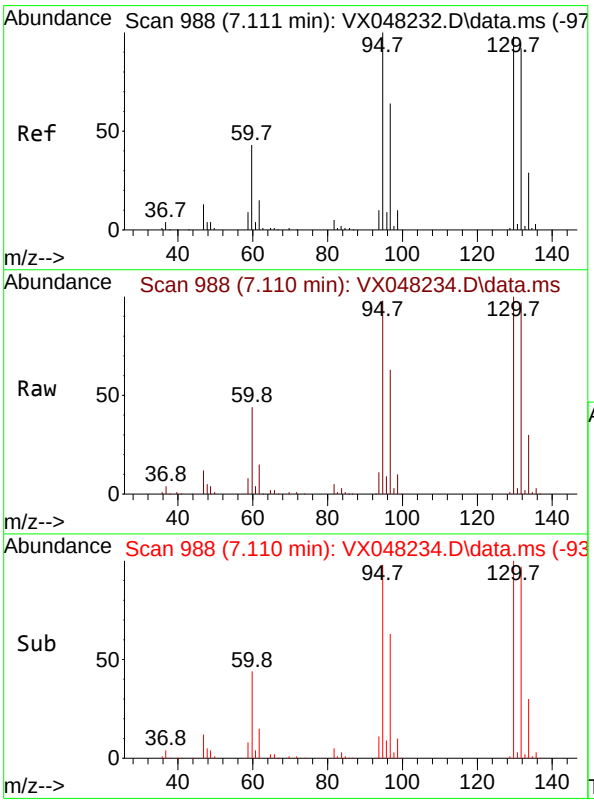
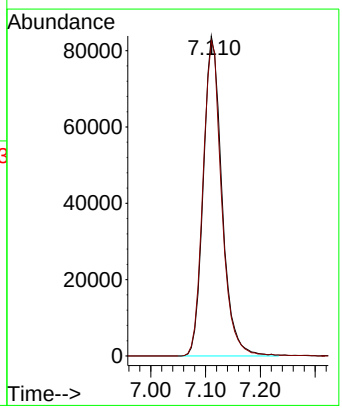


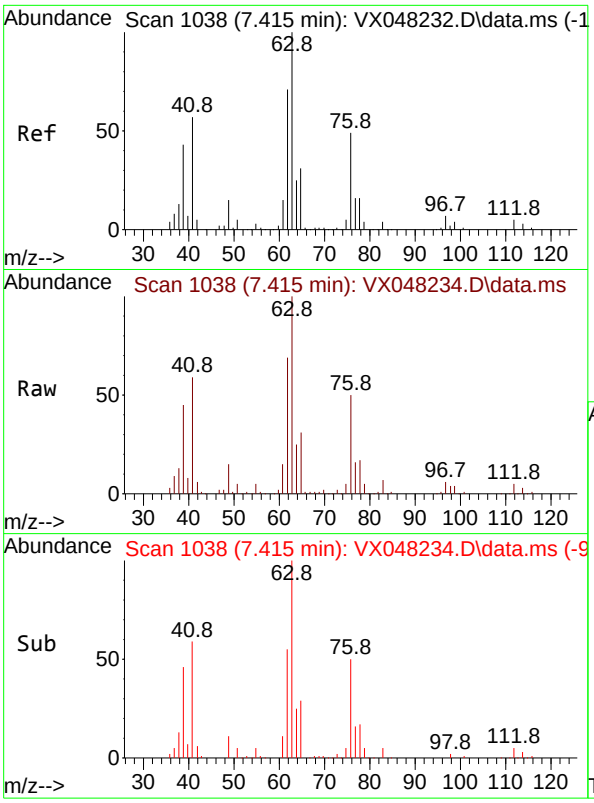


#44
Trichloroethene
Concen: 149.022 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	200.6





#45
1,2-Dichloropropane
Concen: 135.890 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 18061

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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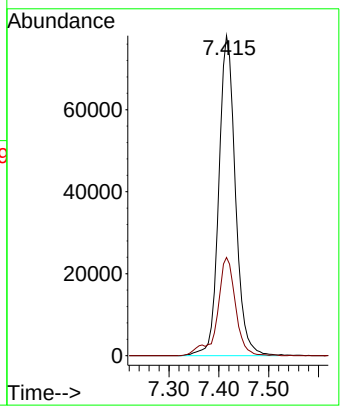
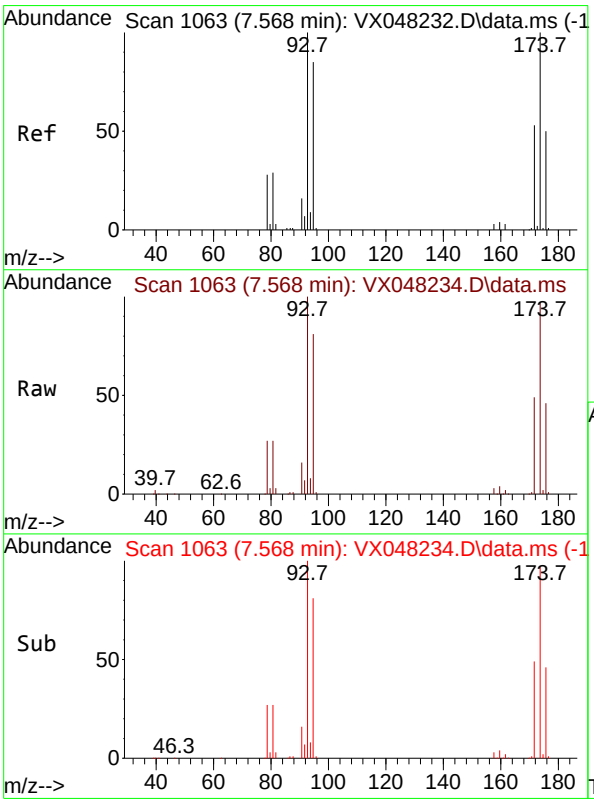
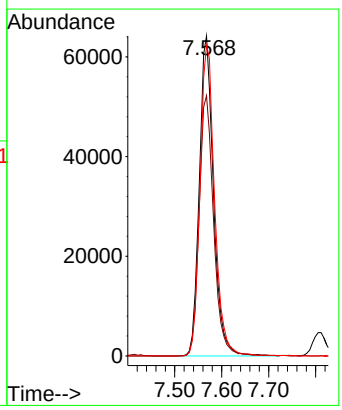


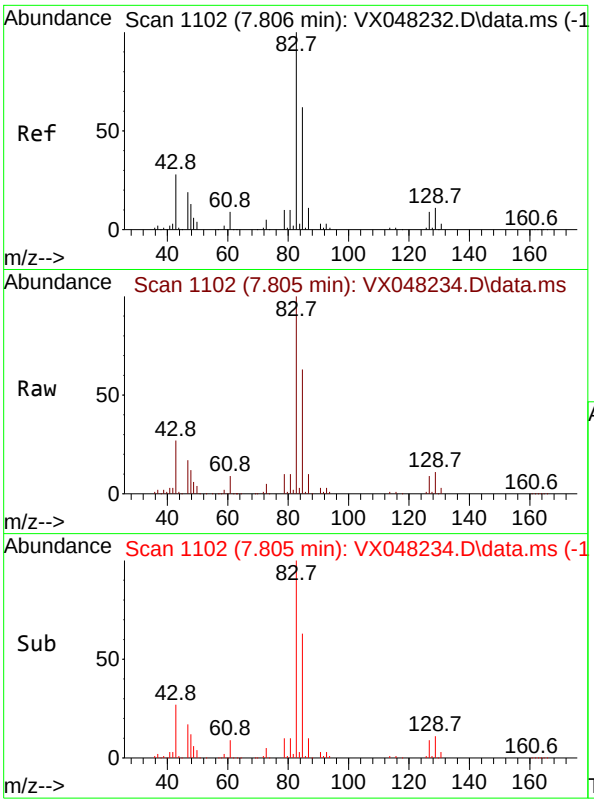


#46
Dibromomethane
Concen: 141.273 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 93 Resp: 135105

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	99.5	71.7	107.5

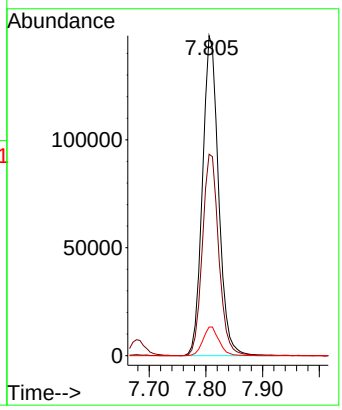




#47
Bromodichloromethane
Concen: 141.302 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 29206

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.2	78.4
127	8.9	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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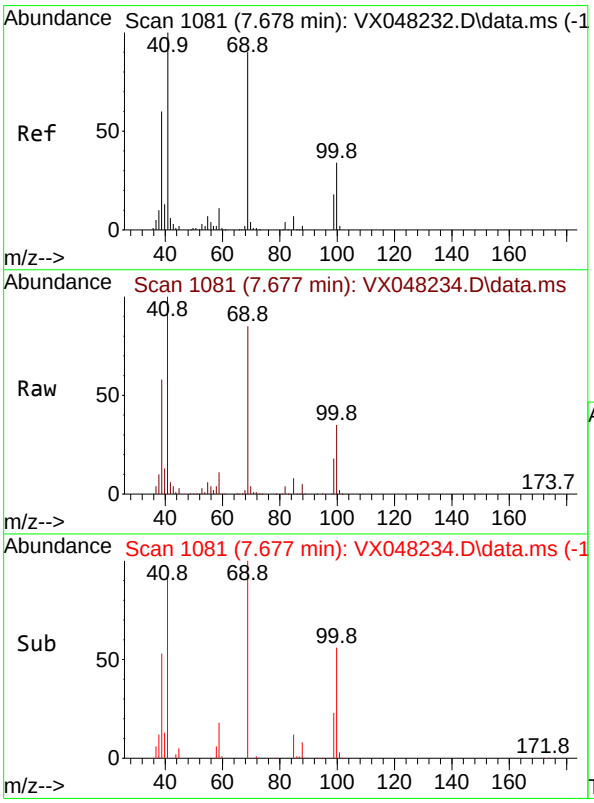
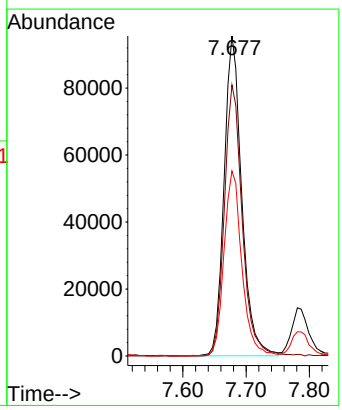
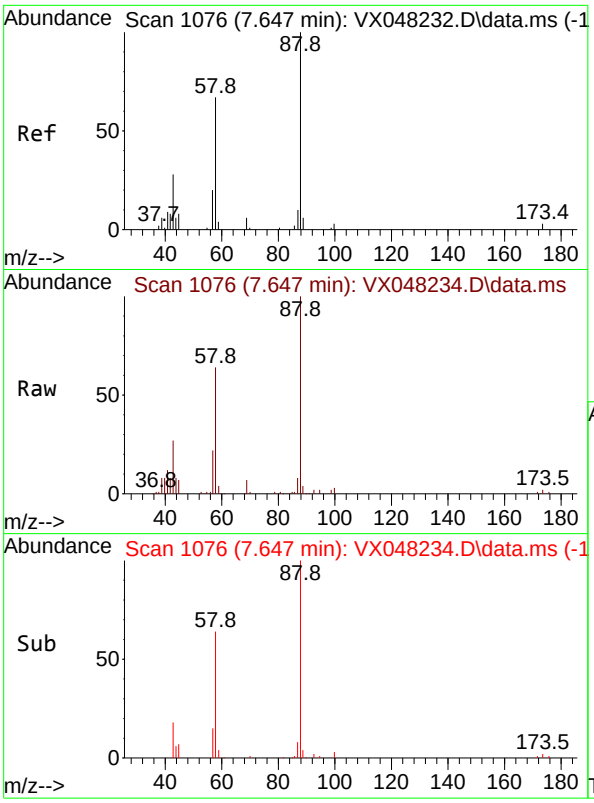


#48
Methyl methacrylate
Concen: 151.780 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354

Ion	Ratio	Lower	Upper
41	100		
69	86.0	63.4	95.0
39	58.5	47.1	70.7

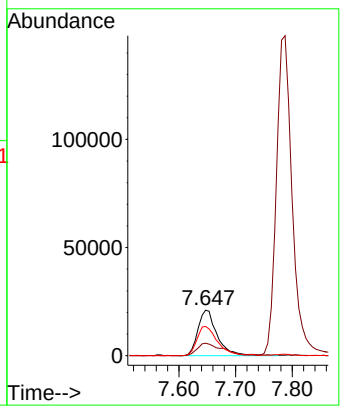




#49
1,4-Dioxane
Concen: 4563.512 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 88 Resp: 4989

Ion	Ratio	Lower	Upper
88	100		
43	35.6	35.0	52.4
58	67.7	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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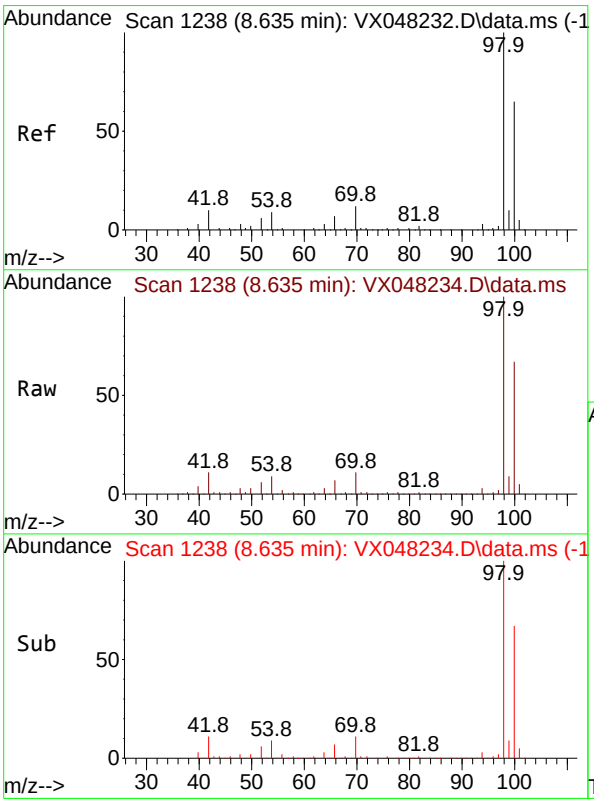
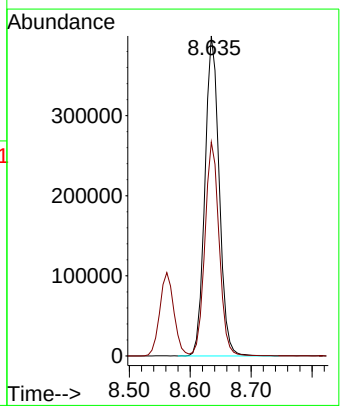
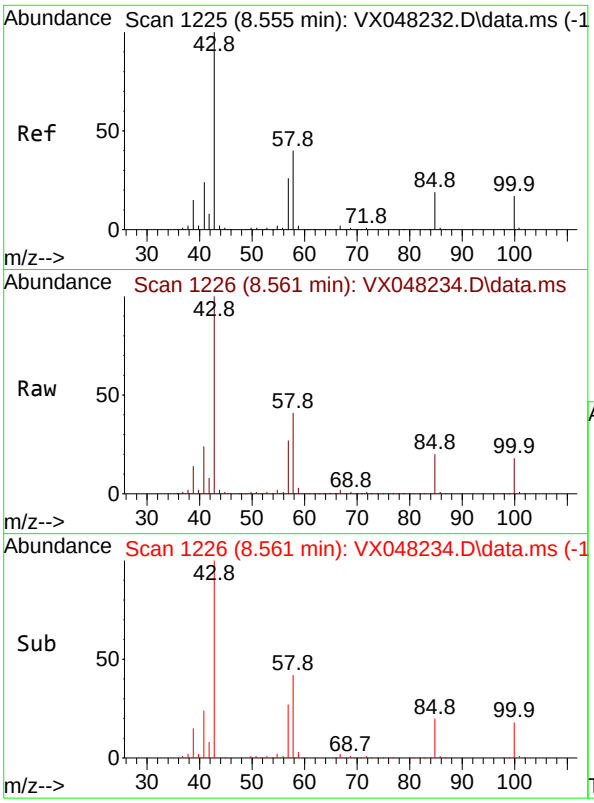


#50
Toluene-d8
Concen: 143.408 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 744.604 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 98312

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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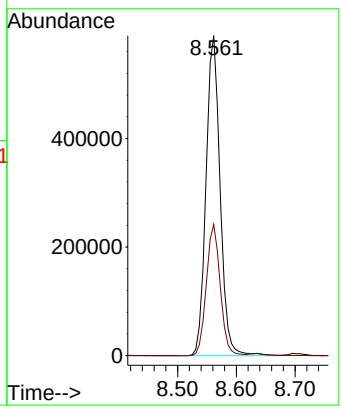
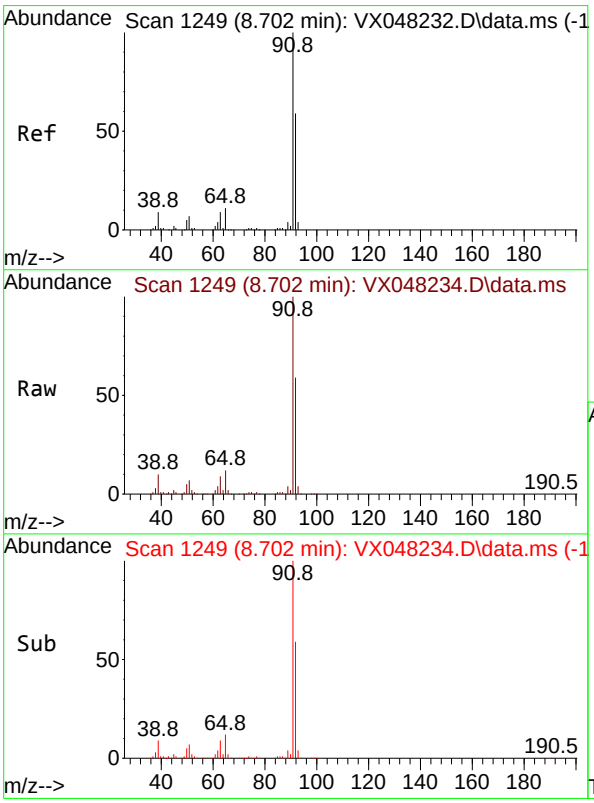
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

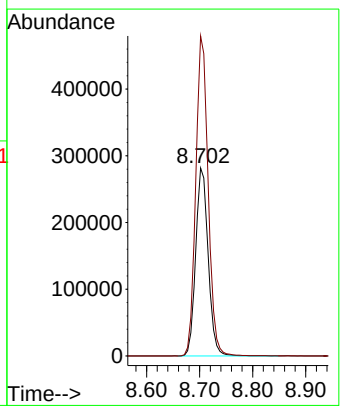


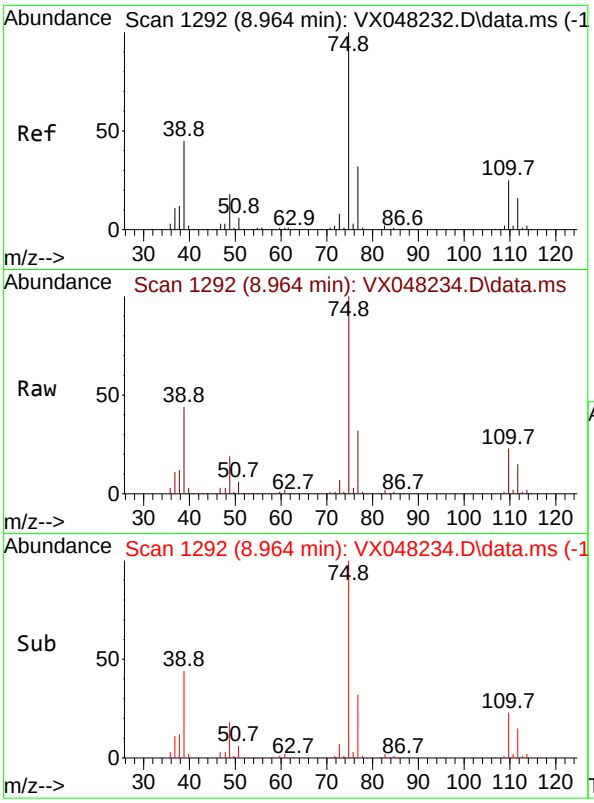


#52
Toluene
Concen: 145.964 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742

Ion	Ratio	Lower	Upper
92	100		
91	169.1	136.1	204.1

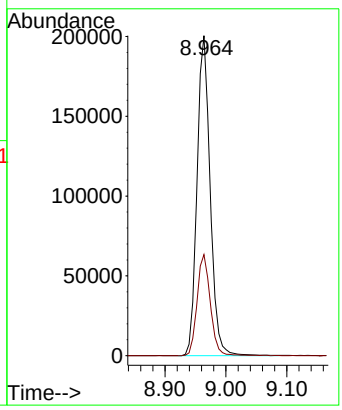




#53
t-1,3-Dichloropropene
Concen: 155.059 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 30025

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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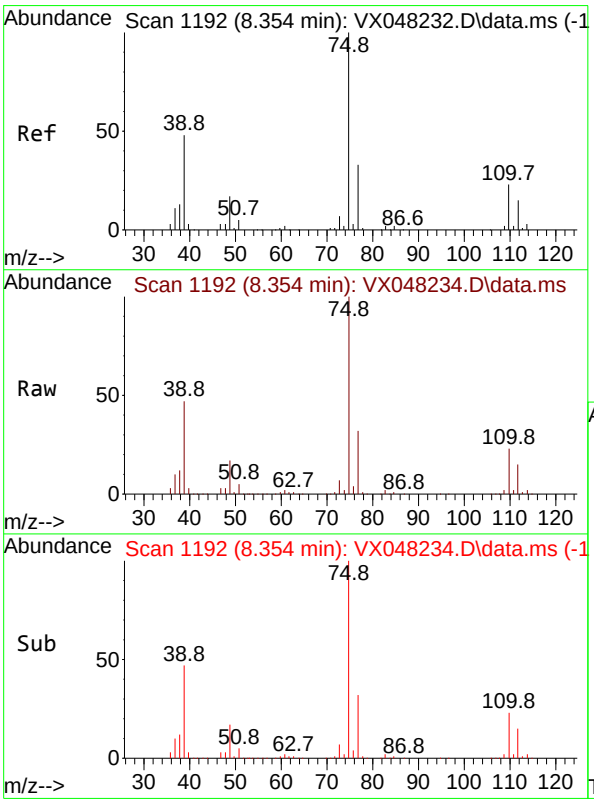
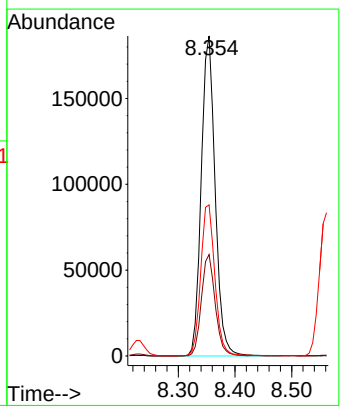
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

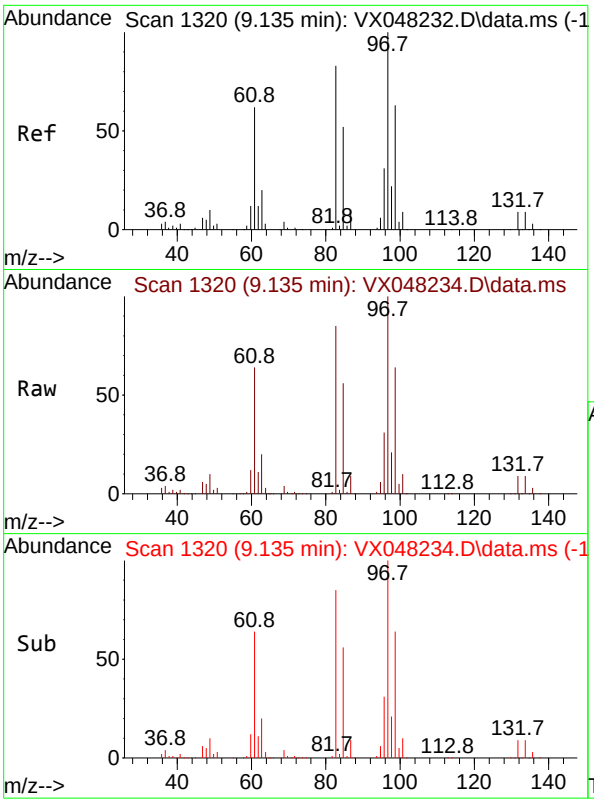


#54
cis-1,3-Dichloropropene
Concen: 150.373 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 317375

Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	47.1	42.6	64.0

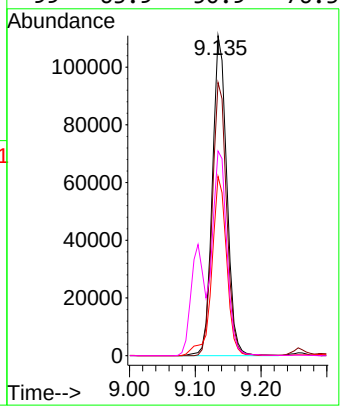




#55
1,1,2-Trichloroethane
Concen: 144.250 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 16989

Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	105.8
85	56.0	45.0	67.6
99	63.9	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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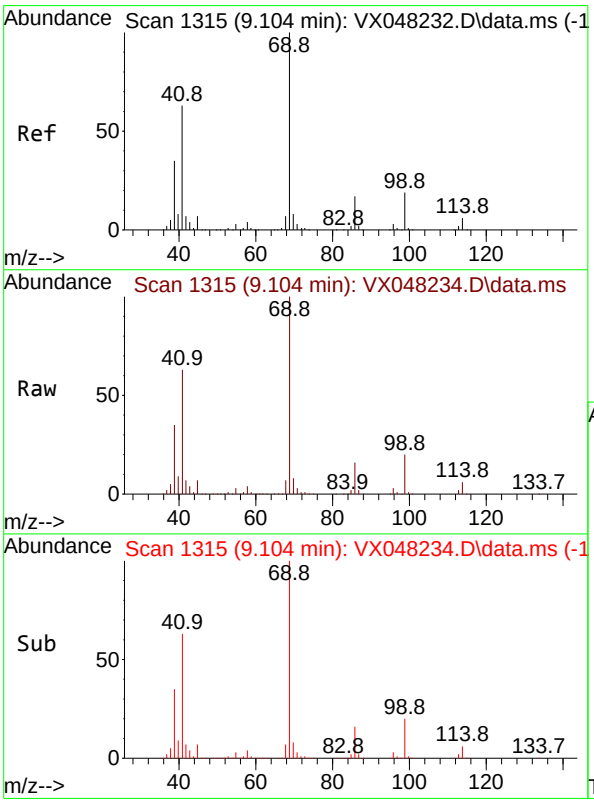
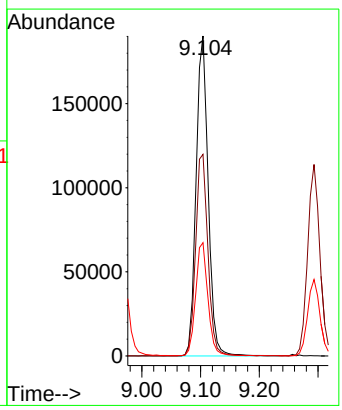
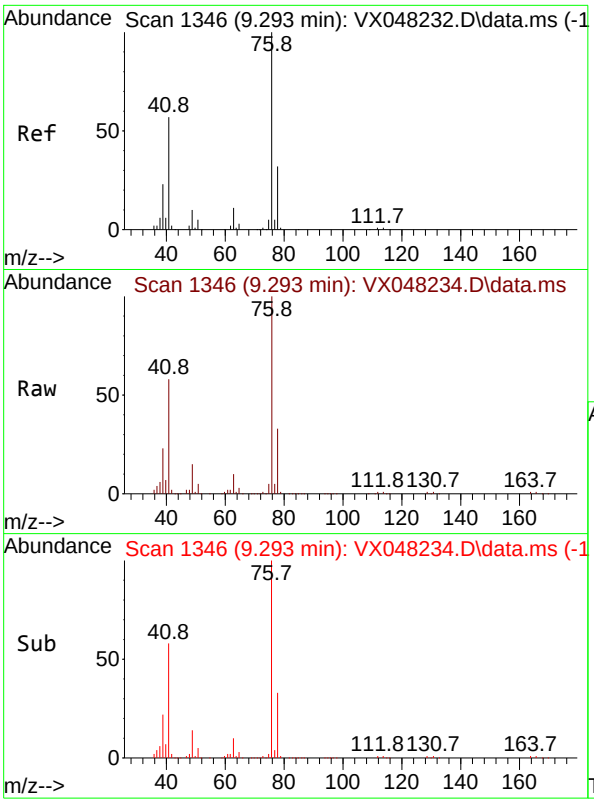


#56
Ethyl methacrylate
Concen: 169.911 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	36.1	31.6	47.4





#57
1,3-Dichloropropane
Concen: 142.707 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 76 Resp: 29365

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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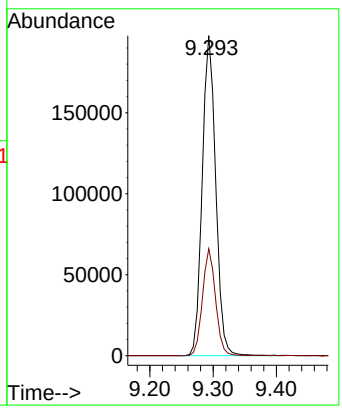
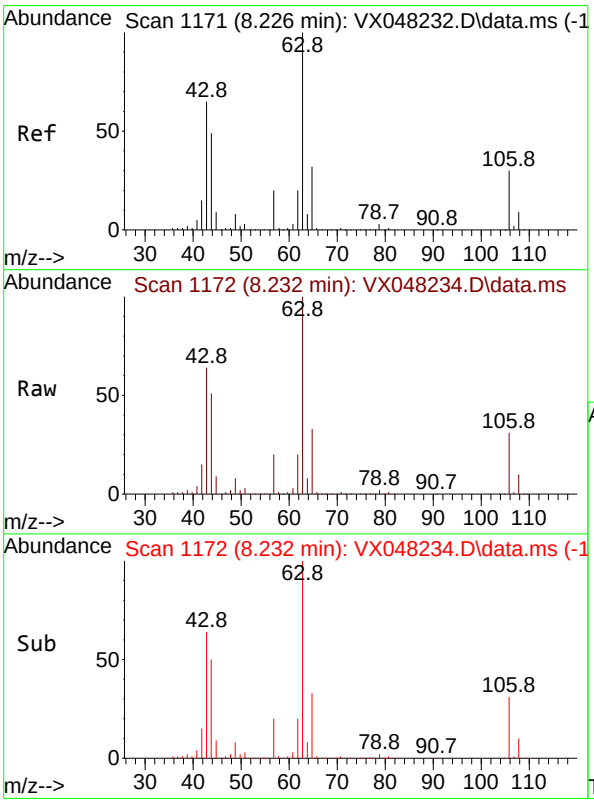
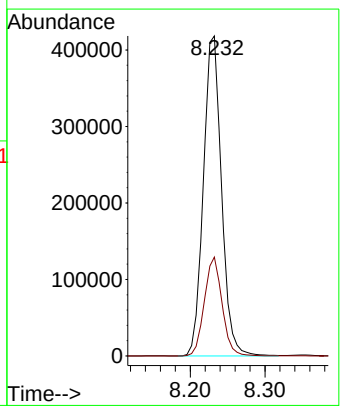


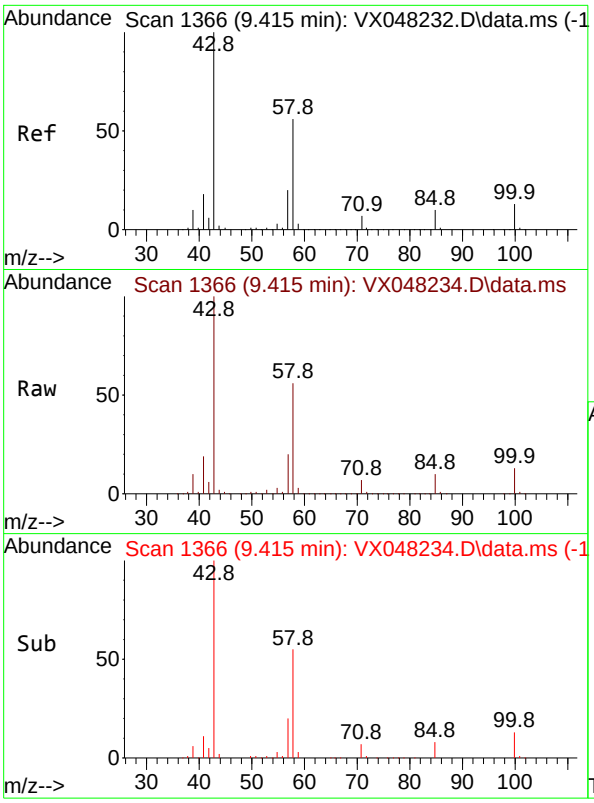


#58
2-Chloroethyl Vinyl ether
Concen: 858.056 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 705780

Ion	Ratio	Lower	Upper
63	100		
106	30.2	22.2	33.2





#59
2-Hexanone
Concen: 752.256 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 69473

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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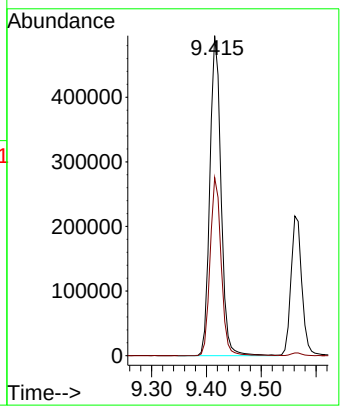
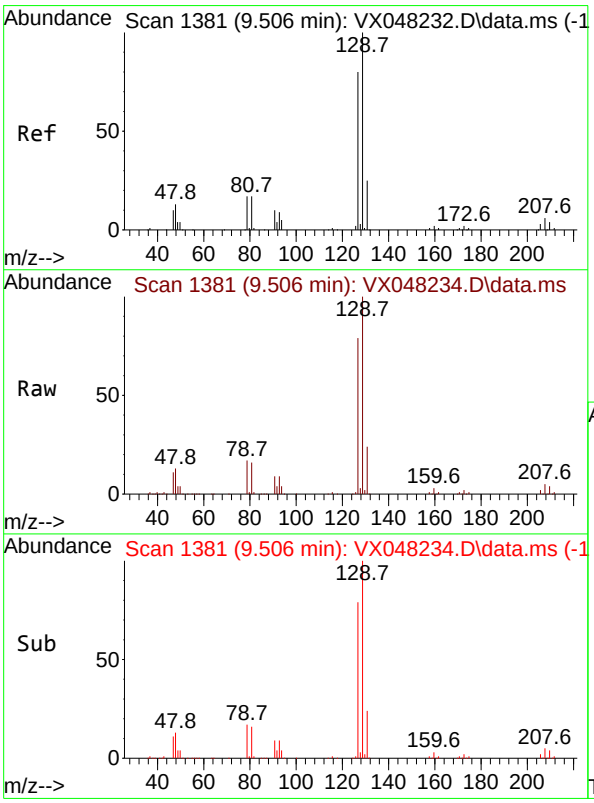
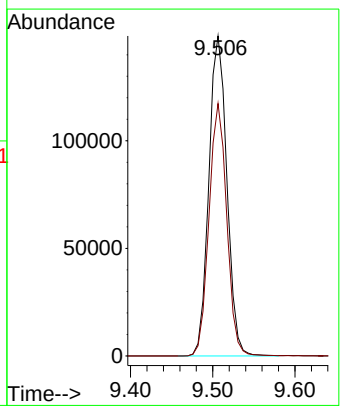


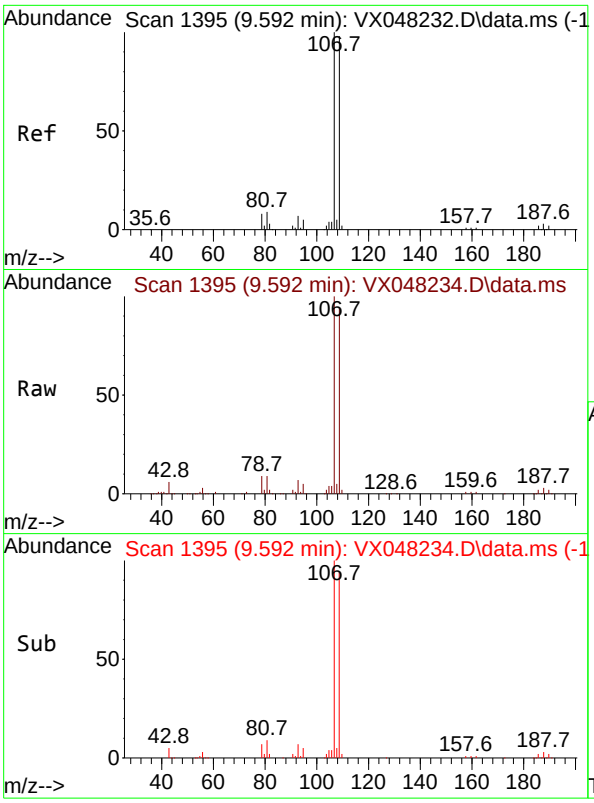


#60
Dibromochloromethane
Concen: 153.740 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:129 Resp: 226642

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.7





#61
1,2-Dibromoethane
Concen: 150.876 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:107 Resp: 18220

Ion	Ratio	Lower	Upper
107	100		
109	95.6	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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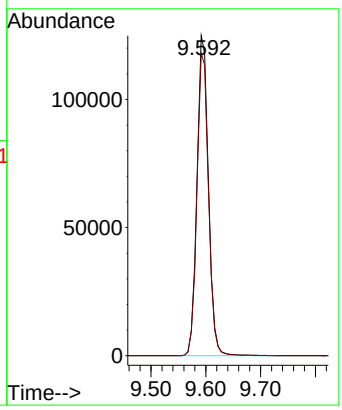
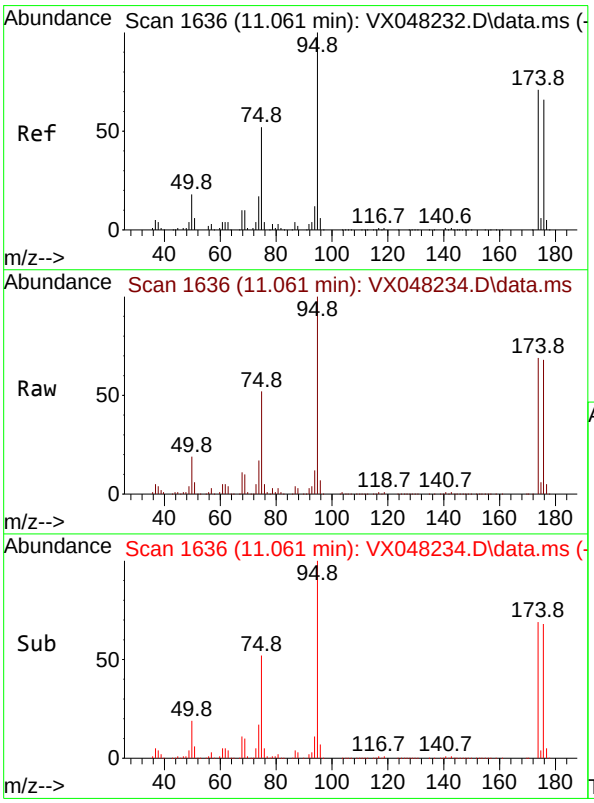
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

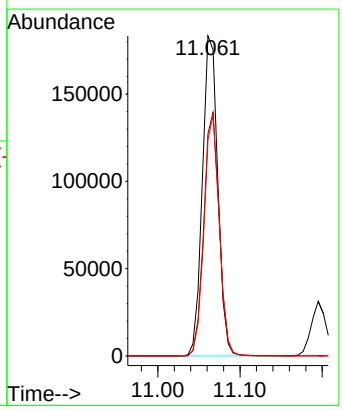


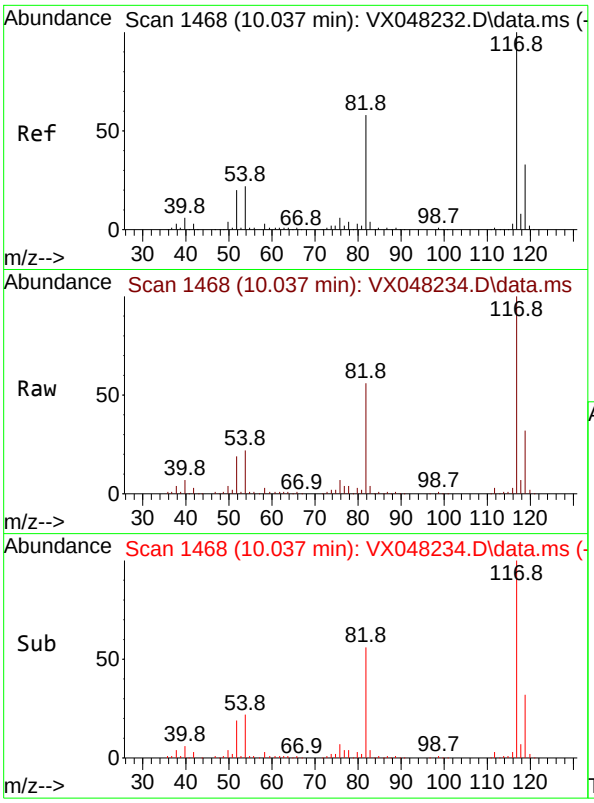


#62
4-Bromofluorobenzene
Concen: 145.255 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 95 Resp: 239298

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	147.8
176	74.2	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 15575

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.5	69.7
119	31.5	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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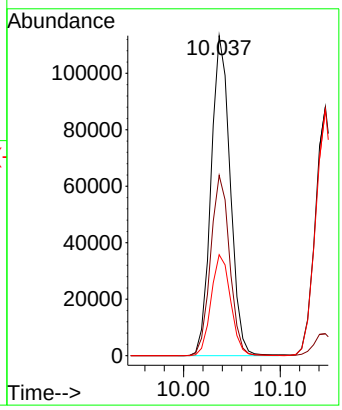
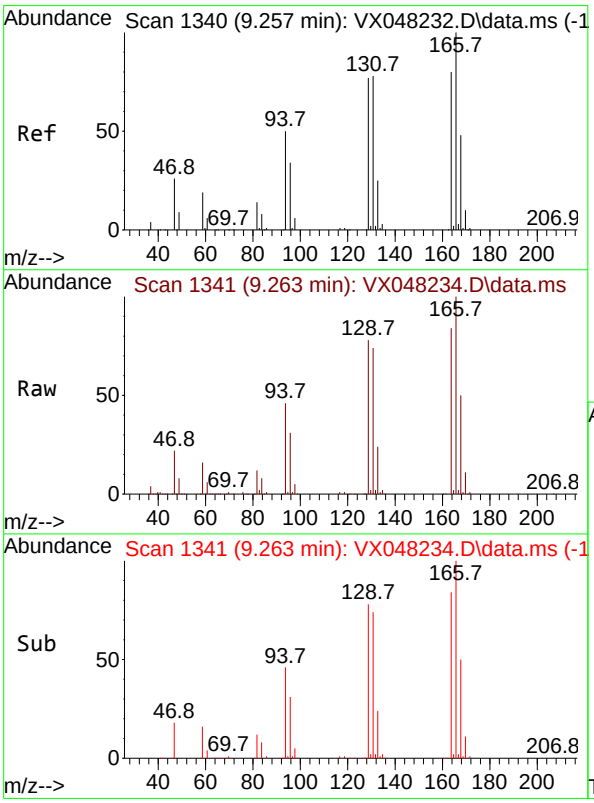
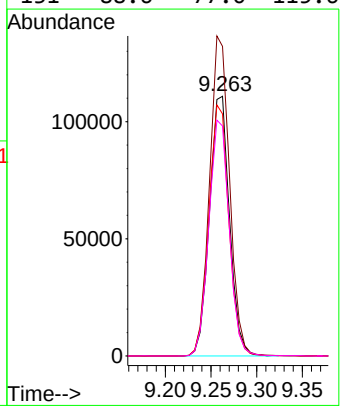


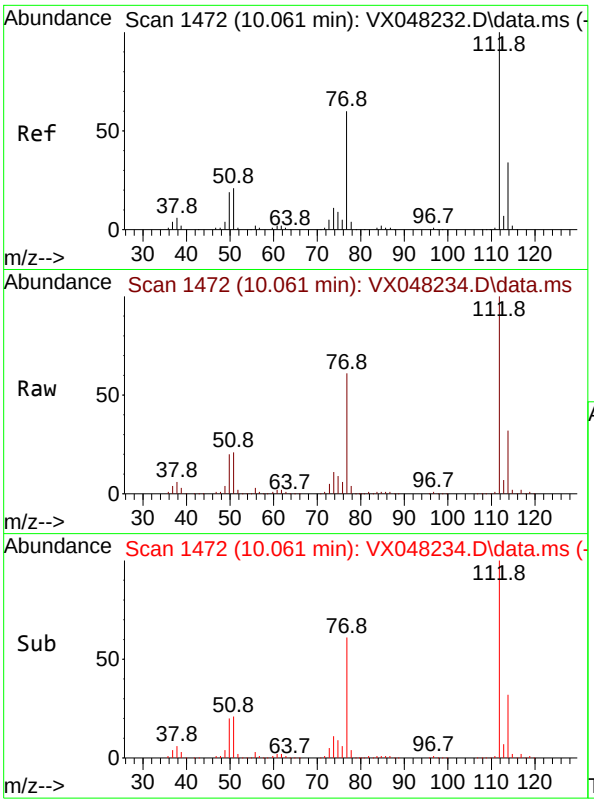


#64
Tetrachloroethene
Concen: 154.361 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581

Ion	Ratio	Lower	Upper
164	100		
166	119.3	104.5	156.7
129	93.2	81.8	122.6
131	88.6	77.0	115.6

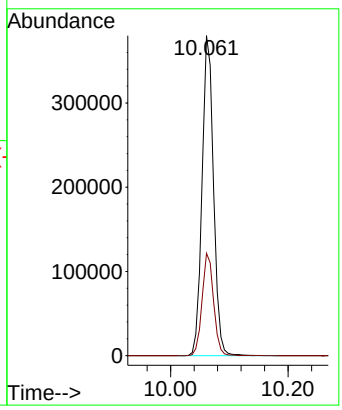




#65
Chlorobenzene
Concen: 151.209 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:112 Resp: 51496

Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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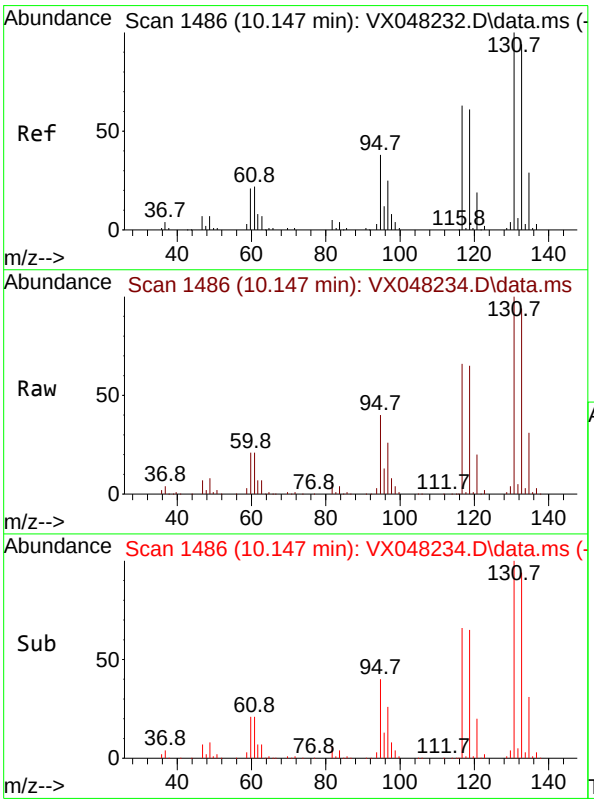
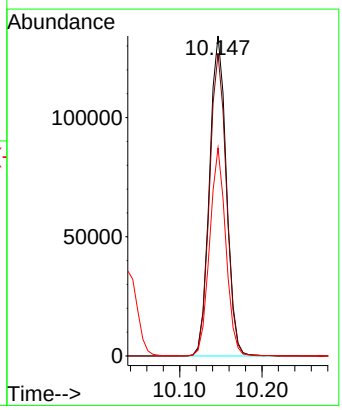
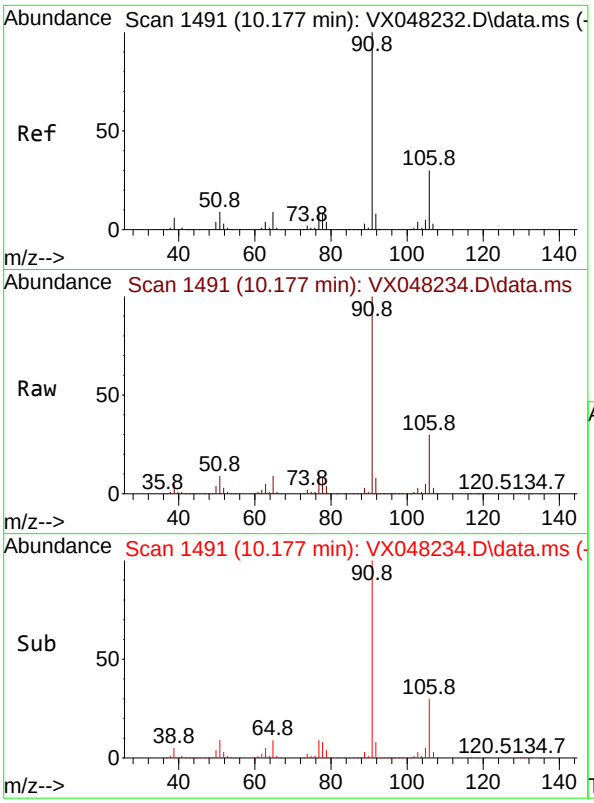


#66
1,1,1,2-Tetrachloroethane
Concen: 155.782 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.6	142.8
119	62.3	32.5	97.5





#67
Ethyl Benzene
Concen: 153.825 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 89813

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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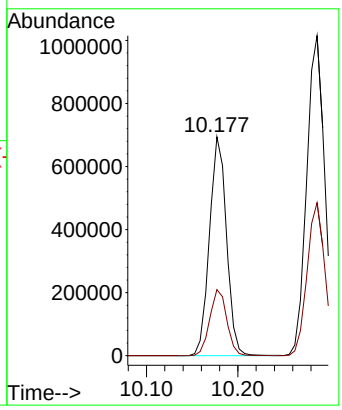
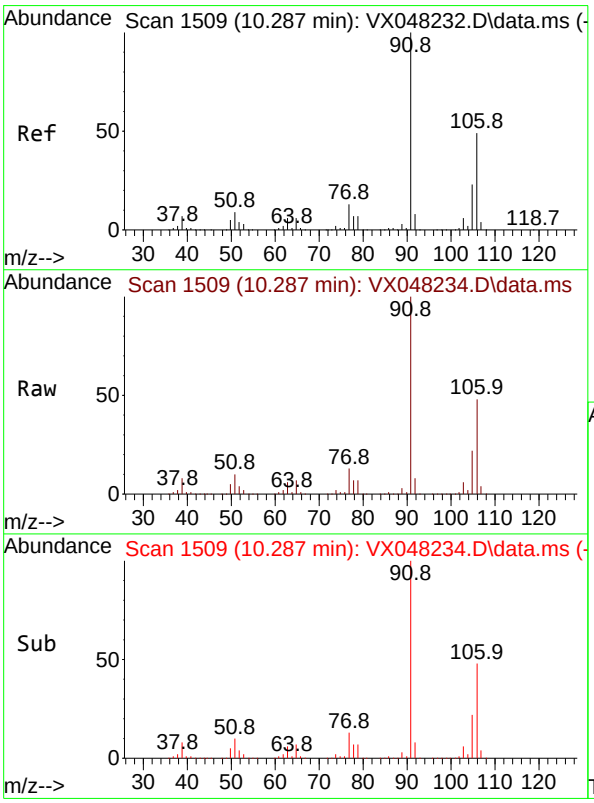
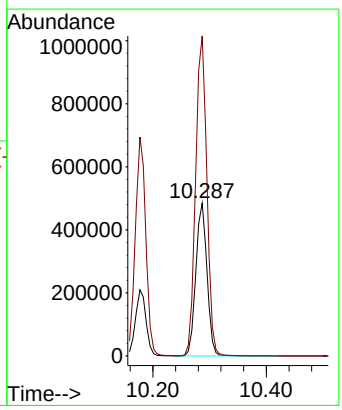


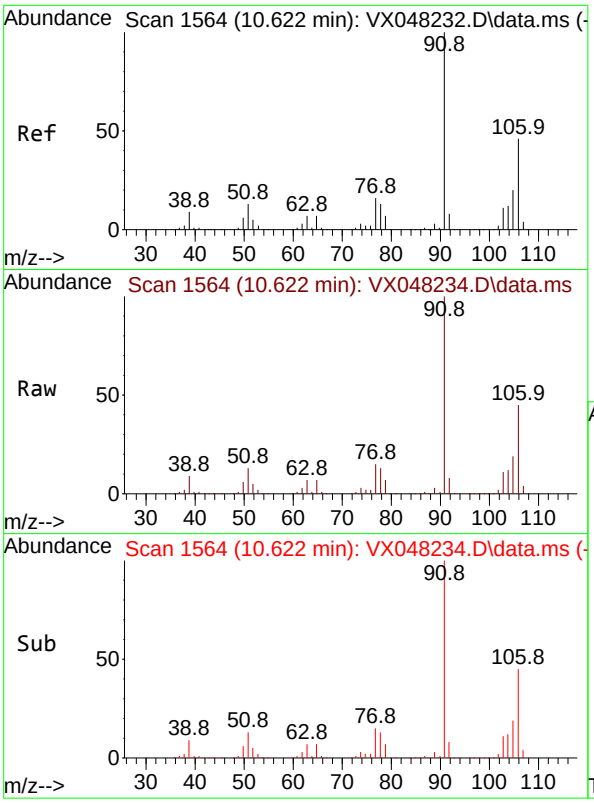


#68
m/p-Xylenes
Concen: 303.896 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 661019

Ion	Ratio	Lower	Upper
106	100		
91	211.4	167.9	251.9





#69
o-Xylene
Concen: 156.444 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 32033

Ion	Ratio	Lower	Upper
106	100		
91	221.5	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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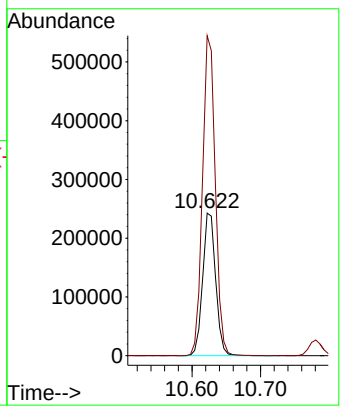
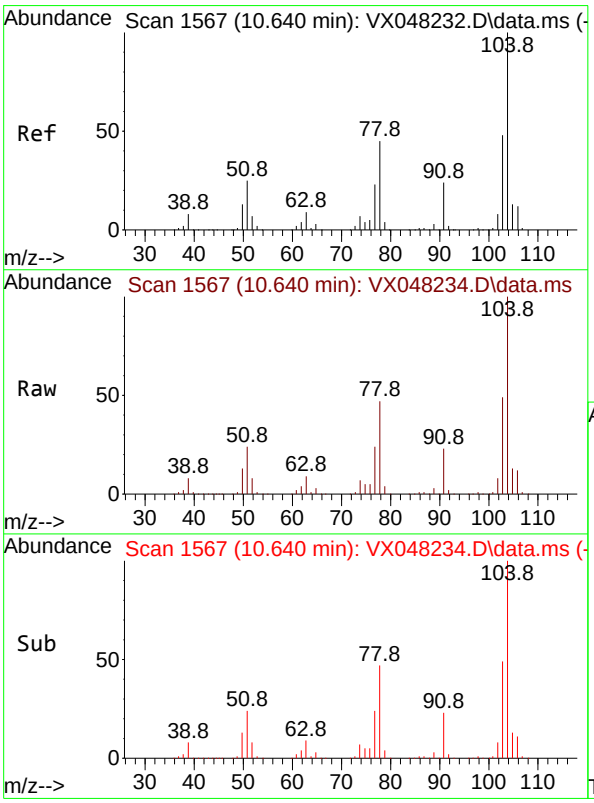
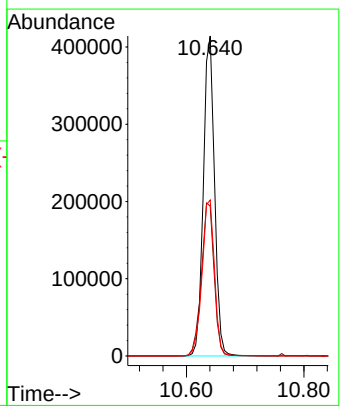


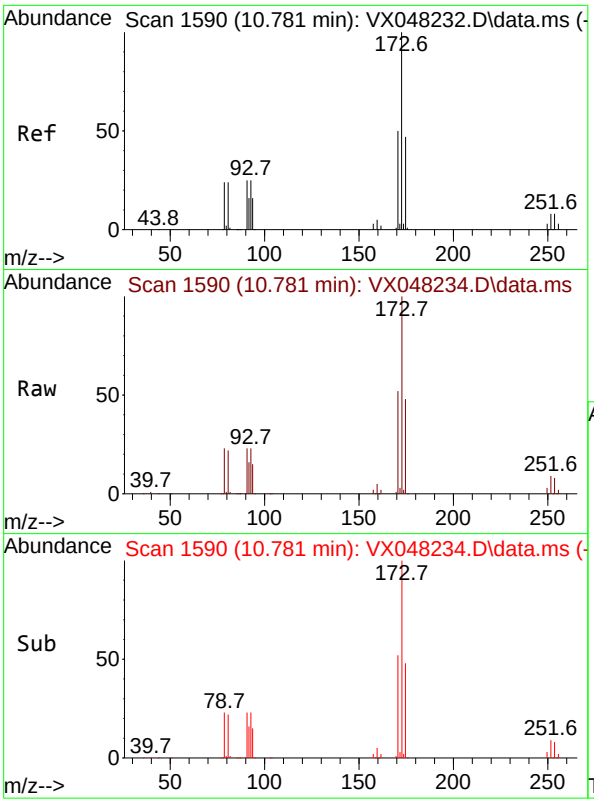


#70
Styrene
Concen: 155.523 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:104 Resp: 548149

Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.2	63.4
103	54.4	43.0	64.4

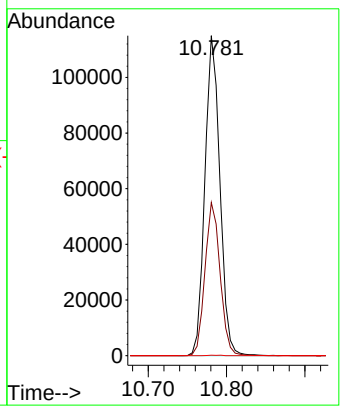




#71
Bromoform
Concen: 168.892 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:173 Resp: 15220

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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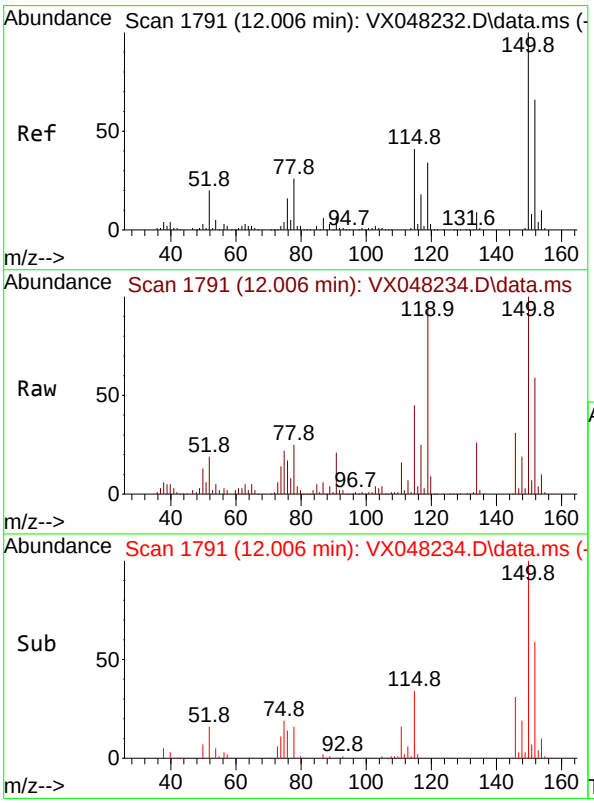
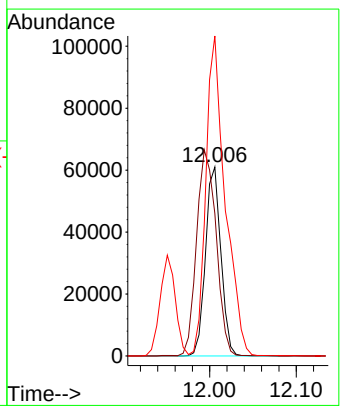
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

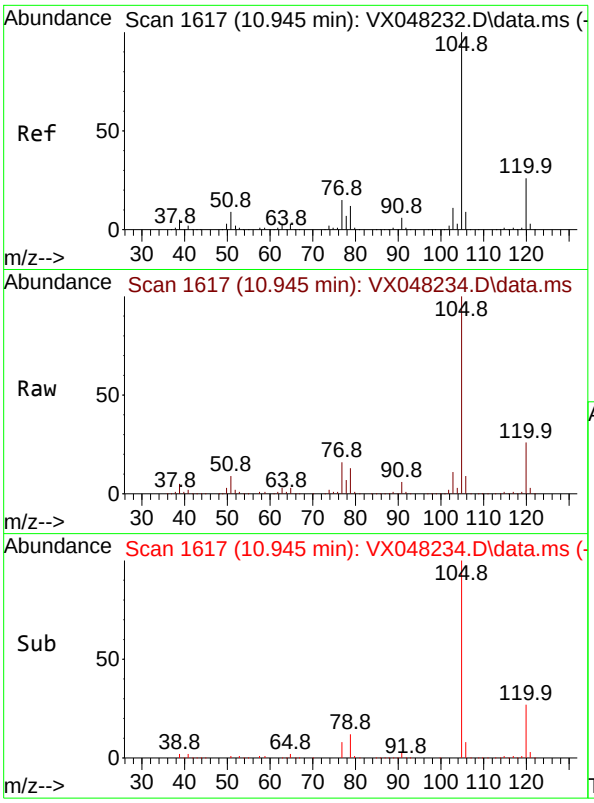


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397

Ion	Ratio	Lower	Upper
152	100		
115	138.9	43.1	129.4#
150	212.6	0.0	353.0





#73
Isopropylbenzene
Concen: 161.931 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 84918

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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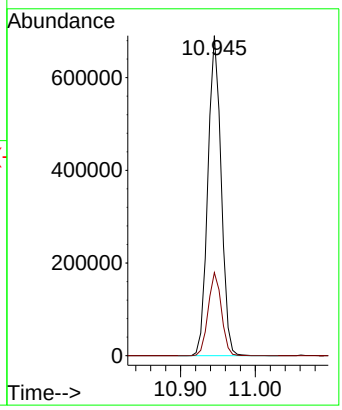
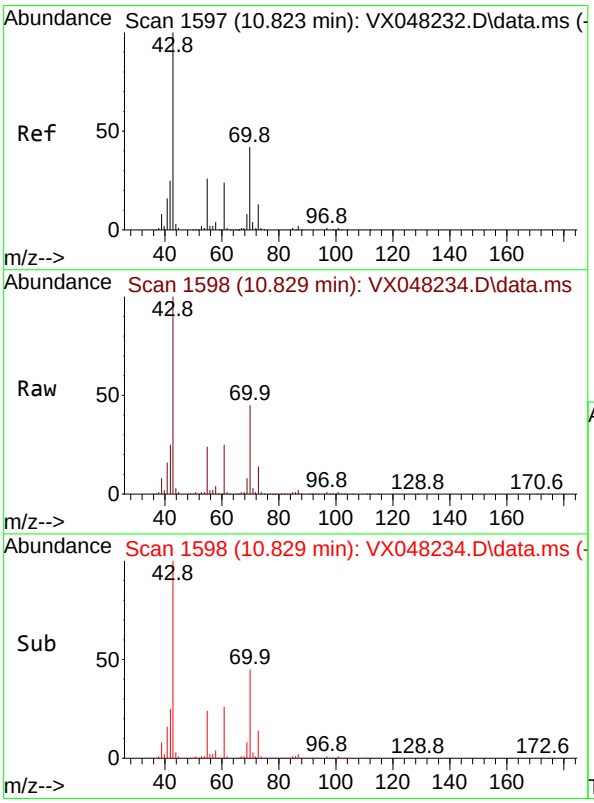
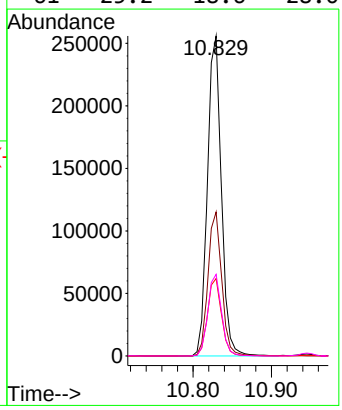


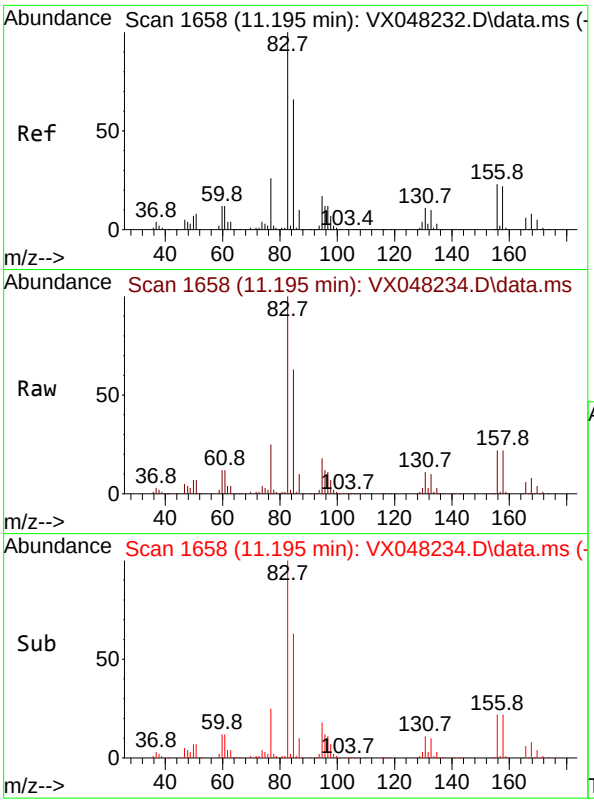


#74
N-amyl acetate
Concen: 160.952 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879

Ion	Ratio	Lower	Upper
43	100		
70	44.5	32.2	48.2
55	24.4	19.1	28.7
61	25.2	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 151.104 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 22448

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.4
85	64.6	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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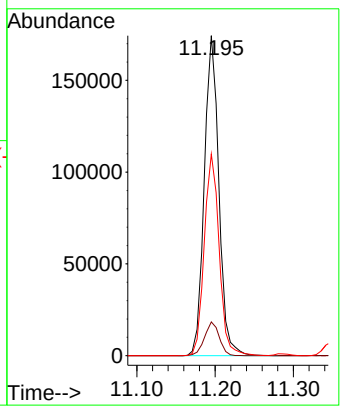
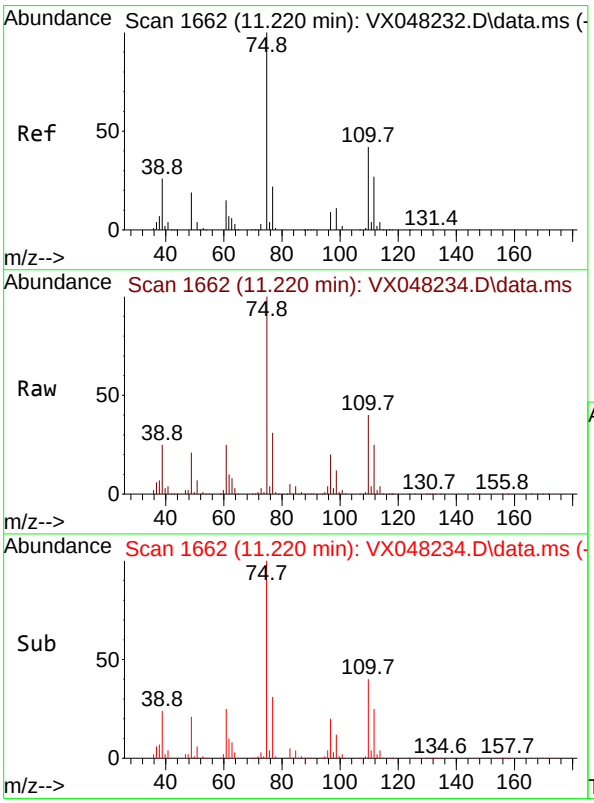
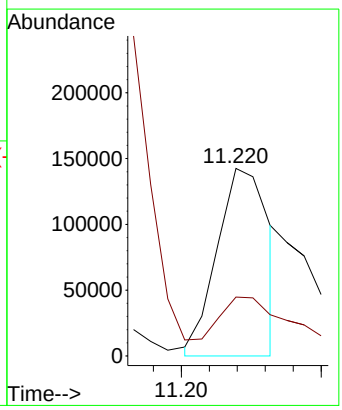


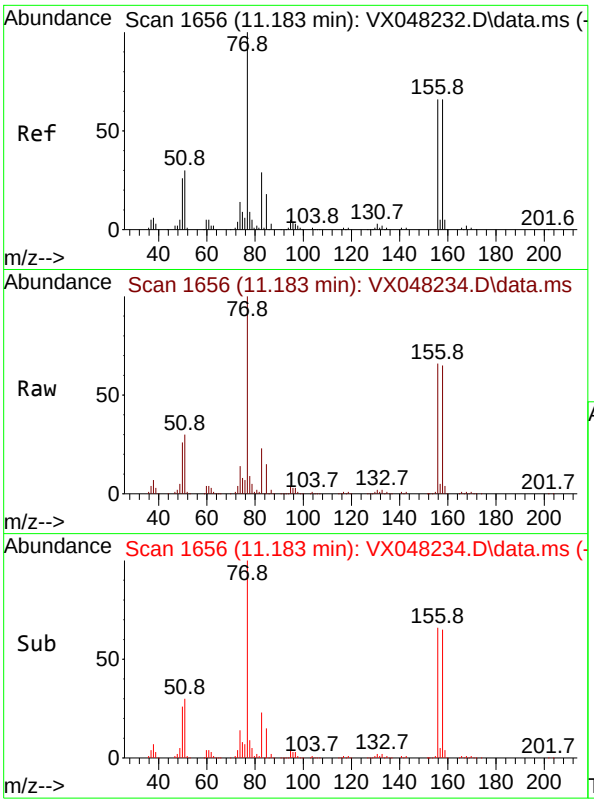


#76
1,2,3-Trichloropropane
Concen: 157.586 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 181434

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.4	67.2





#77
Bromobenzene
Concen: 157.899 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:156 Resp: 20721

Ion	Ratio	Lower	Upper
156	100		
77	161.9	87.0	261.0
158	97.9	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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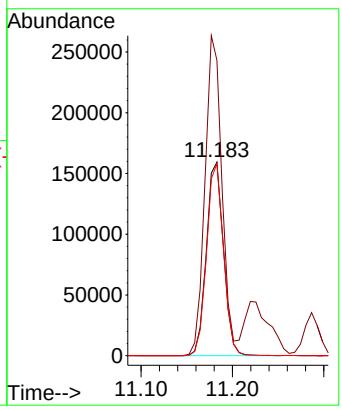
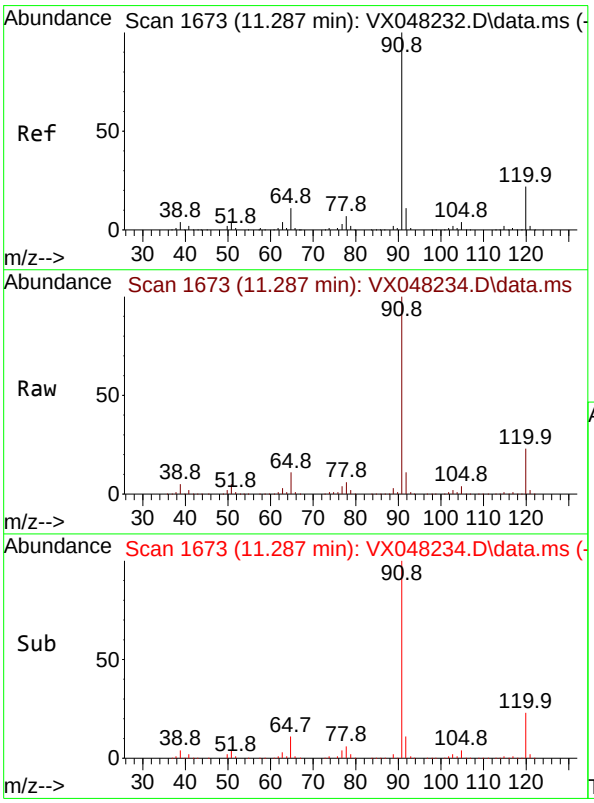
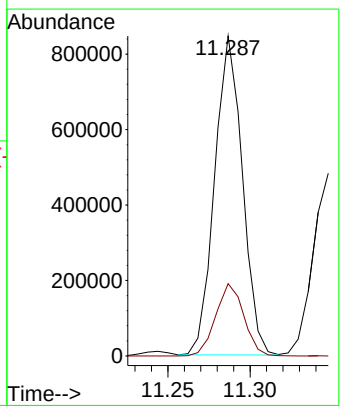


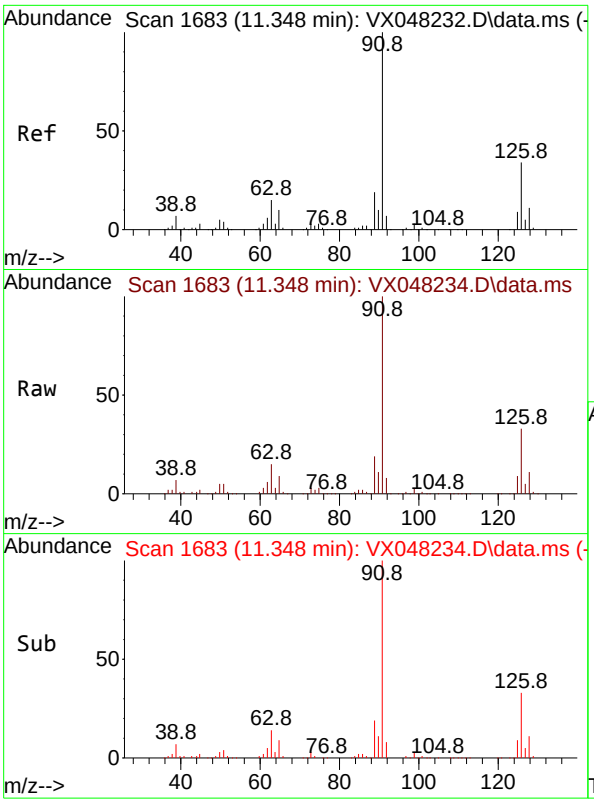


#78
n-propylbenzene
Concen: 155.984 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1





#79
2-Chlorotoluene
Concen: 152.465 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 58579

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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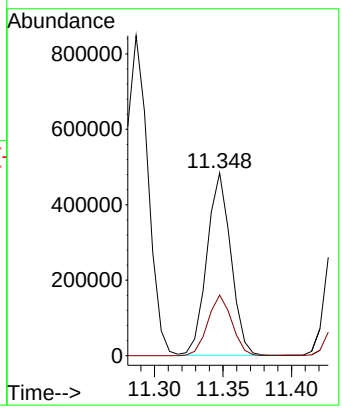
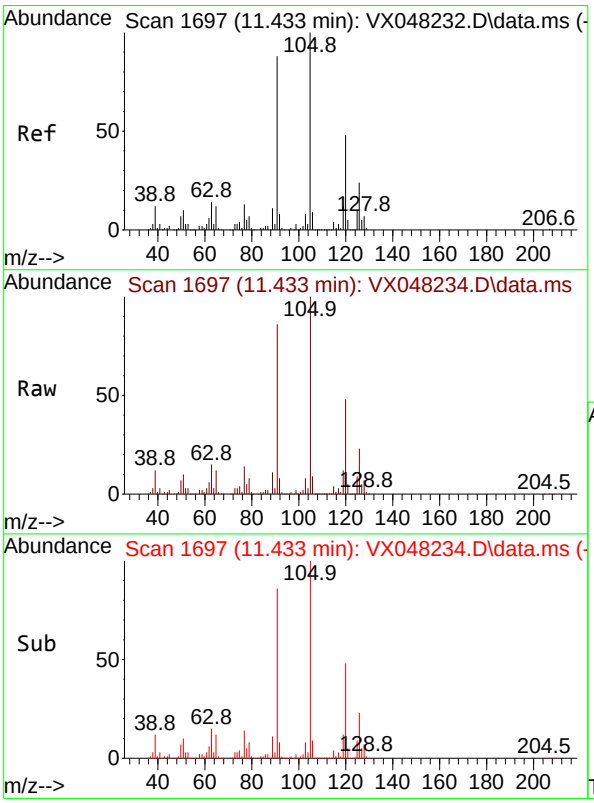
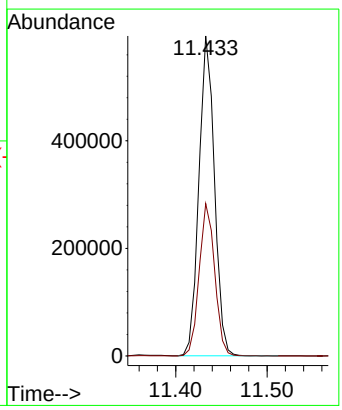


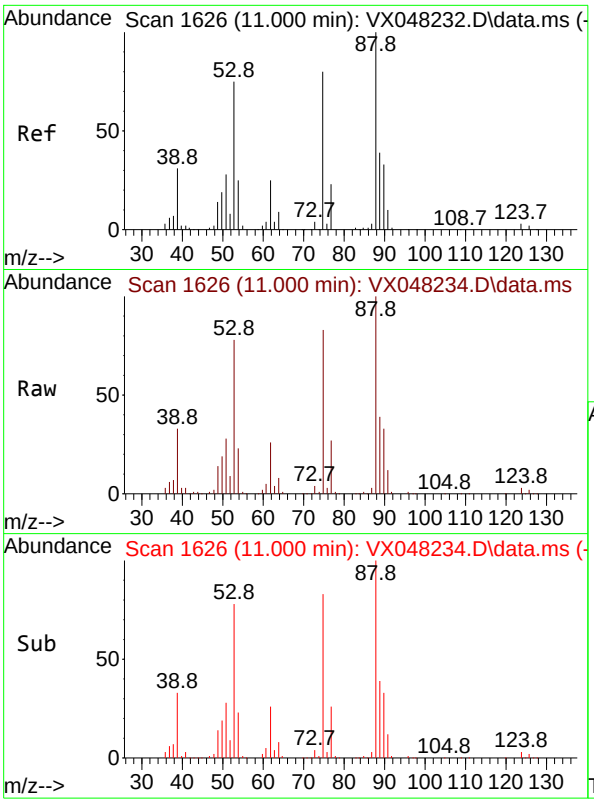


#80
1,3,5-Trimethylbenzene
Concen: 162.591 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 699885

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 176.858 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 8315

Ion	Ratio	Lower	Upper
75	100		
53	96.5	79.5	119.3
89	48.6	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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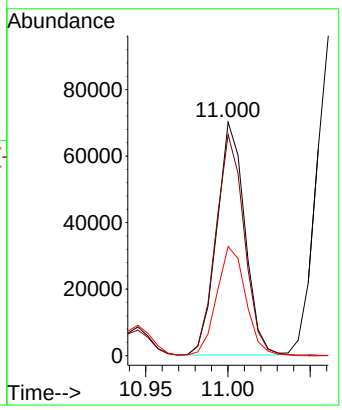
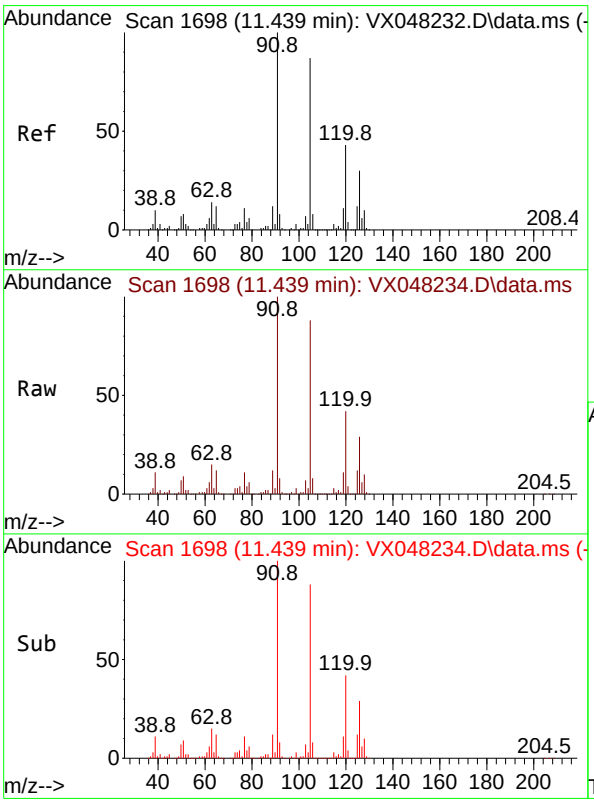
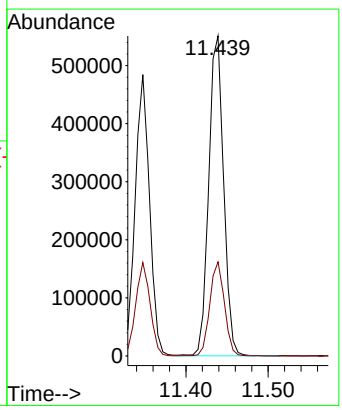


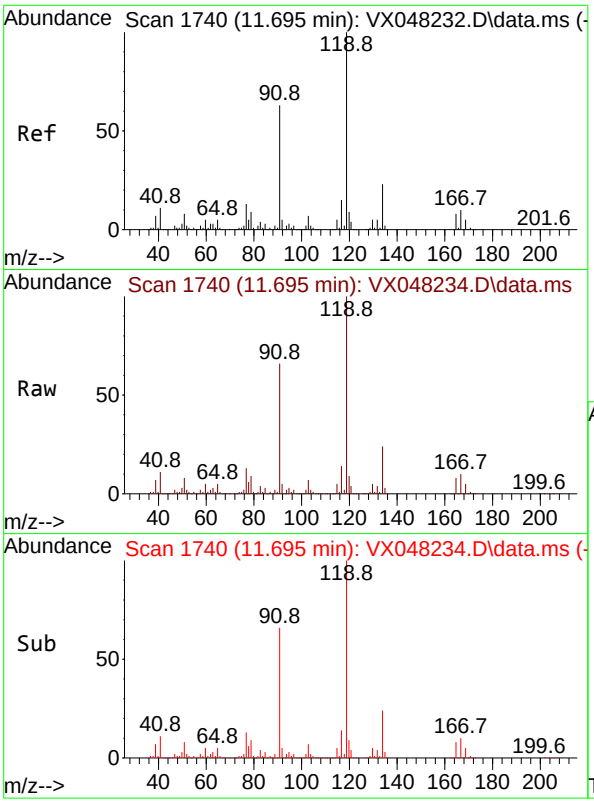


#82
4-Chlorotoluene
Concen: 153.240 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.1	42.4

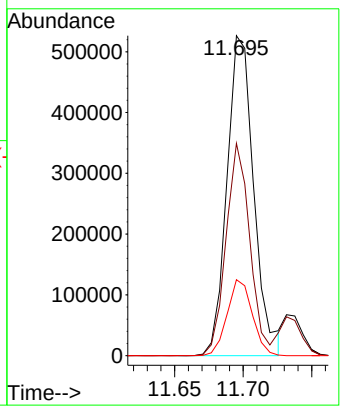




#83
tert-Butylbenzene
Concen: 165.020 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 71764

Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.3	91.0
134	22.3	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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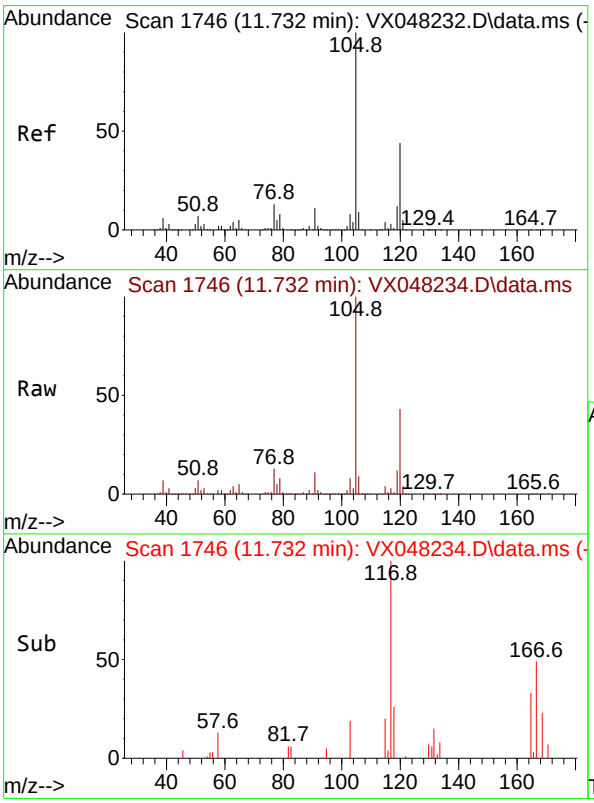
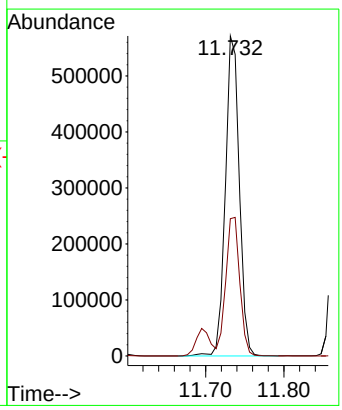
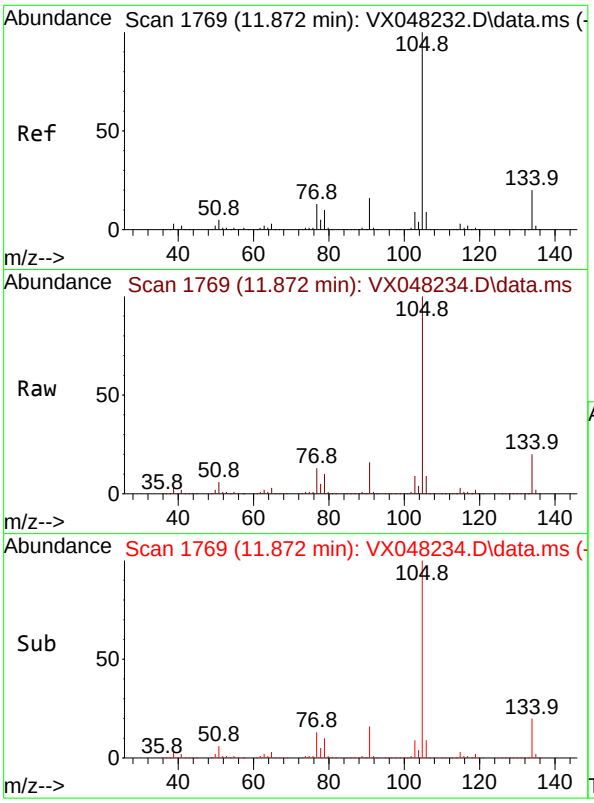


#84
1,2,4-Trimethylbenzene
Concen: 164.961 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5

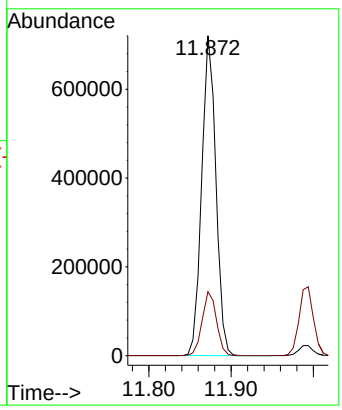




#85
sec-Butylbenzene
Concen: 162.035 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 86146

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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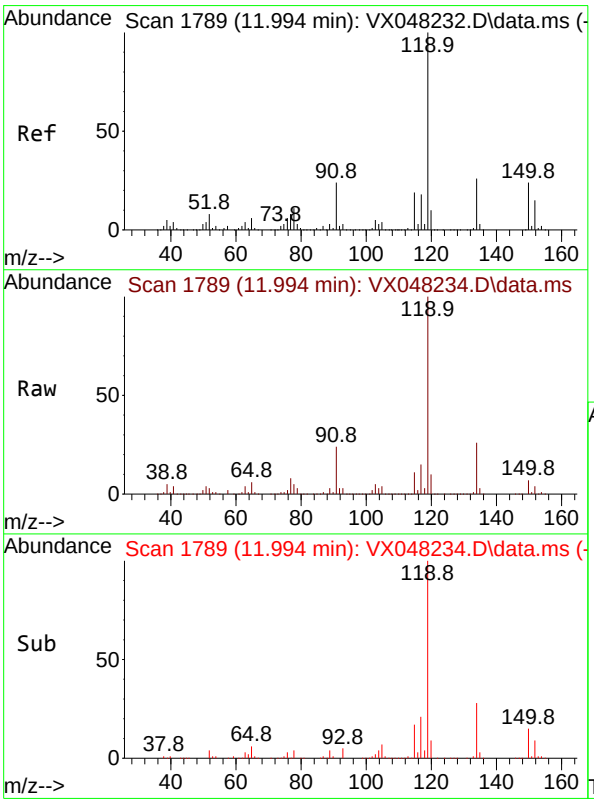
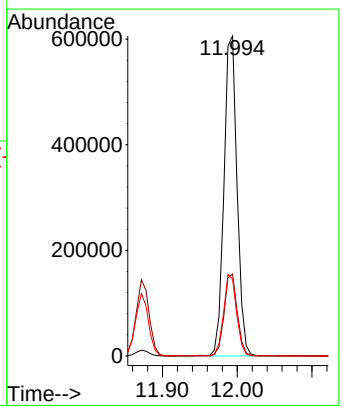
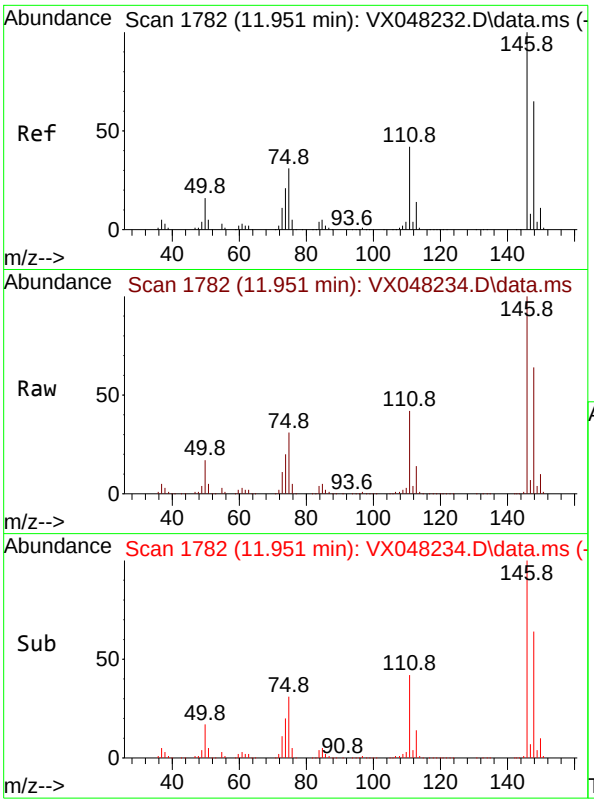


#86
p-Isopropyltoluene
Concen: 164.794 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 738496

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.1	12.1	36.3

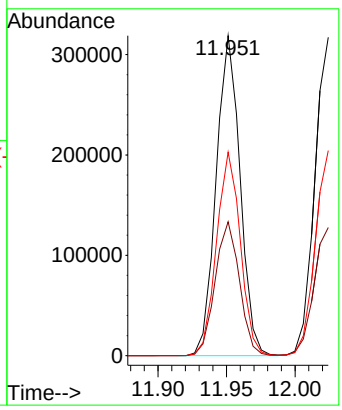




#87
1,3-Dichlorobenzene
Concen: 157.307 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 38606

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	63.5	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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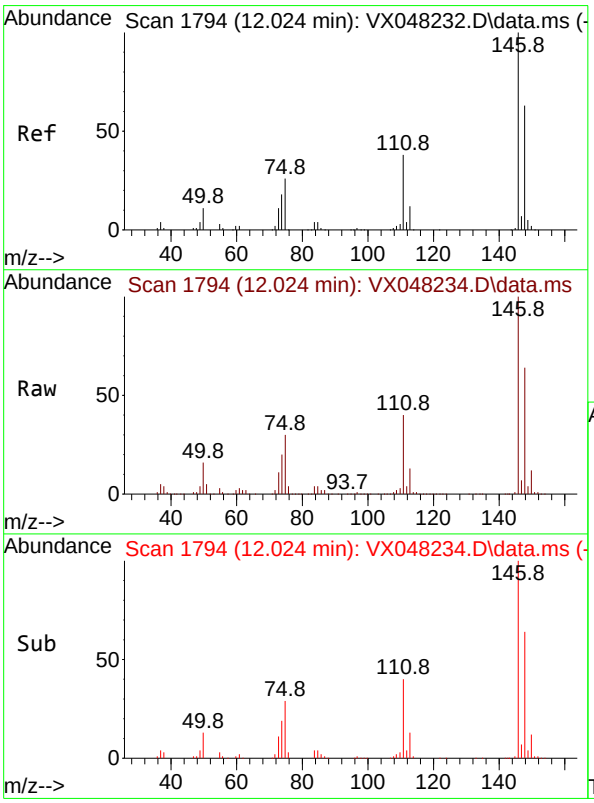
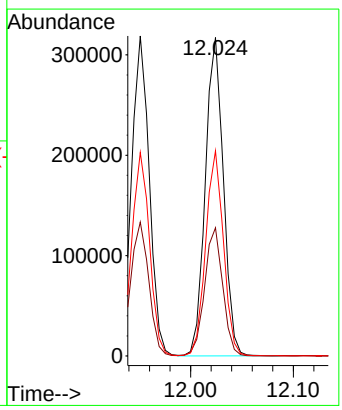
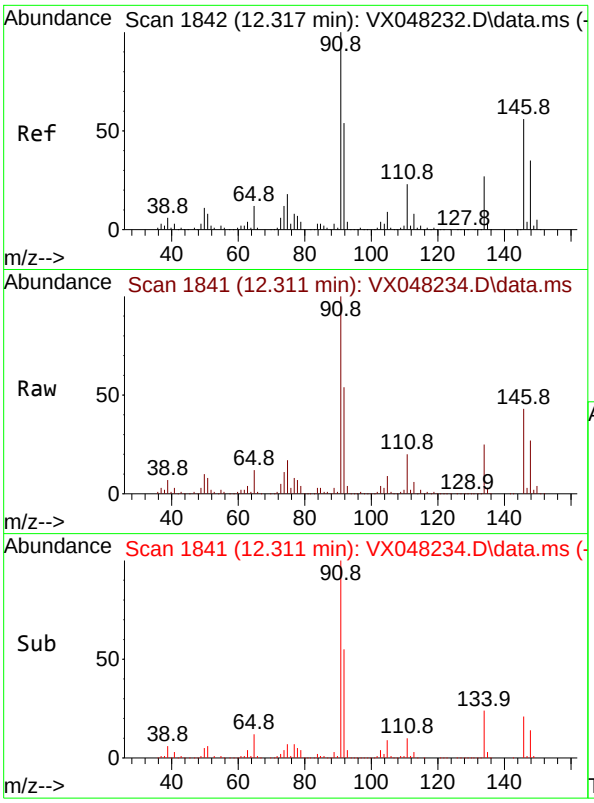


#88
1,4-Dichlorobenzene
Concen: 152.078 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 386885

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.4	31.8	95.3

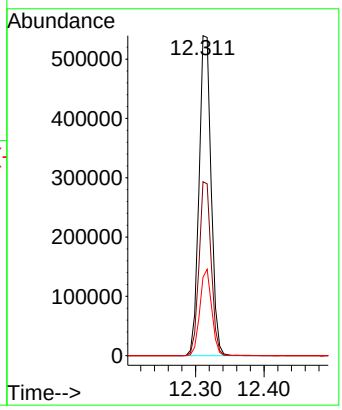




#89
n-Butylbenzene
Concen: 159.098 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 66407

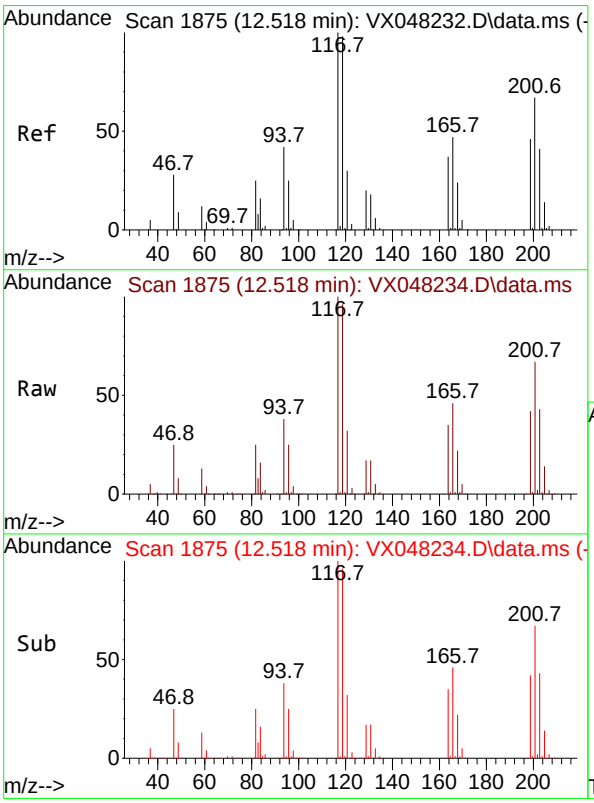
Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.6
134	26.3	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

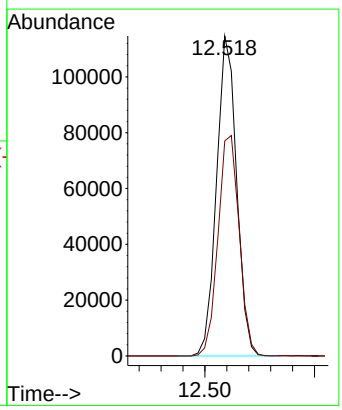
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

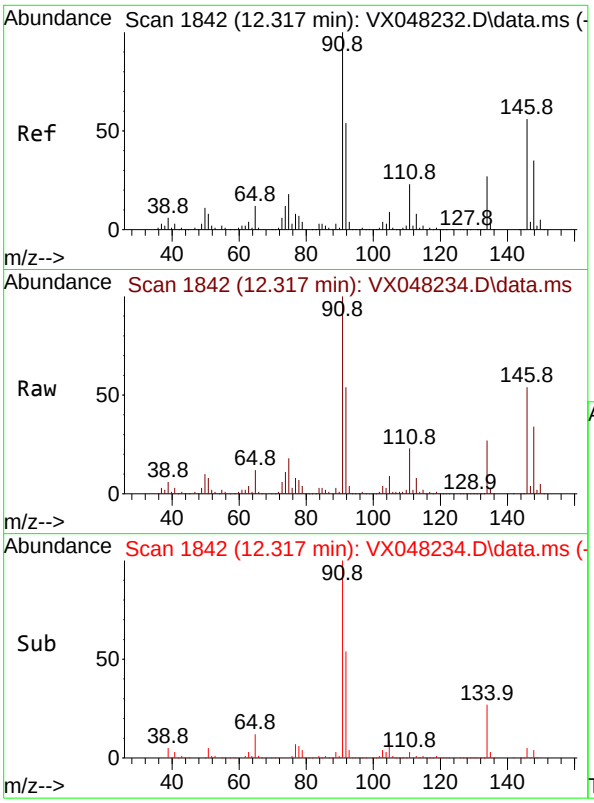


#90
Hexachloroethane
Concen: 154.159 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 145813

Ion	Ratio	Lower	Upper
117	100		
201	73.0	34.1	102.2

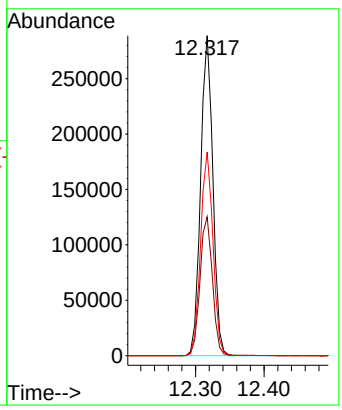




#91
1,2-Dichlorobenzene
Concen: 154.946 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 35927

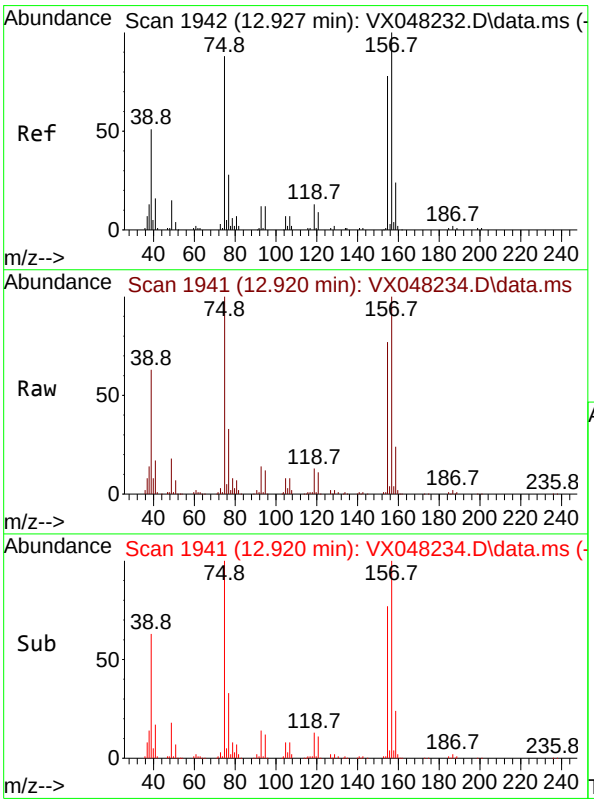
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.5
148	64.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

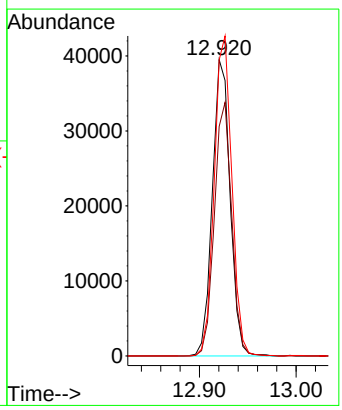
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

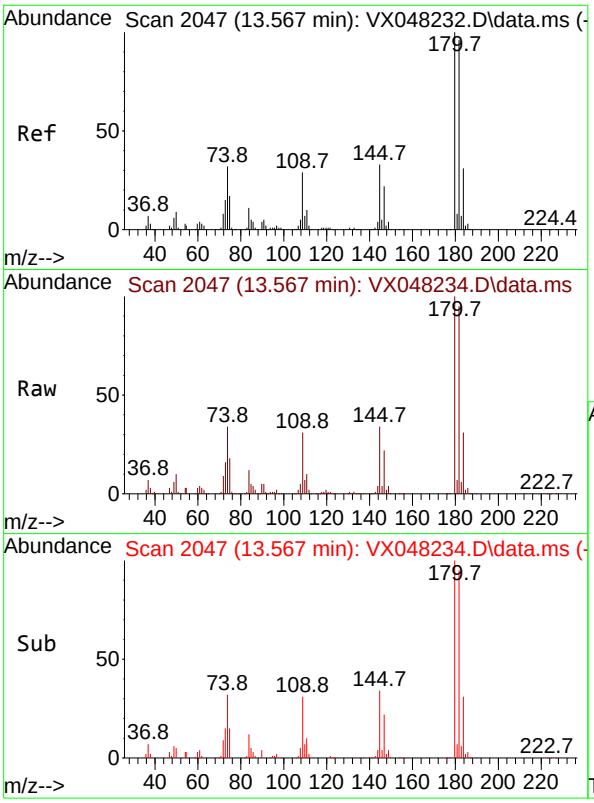


#92
1,2-Dibromo-3-Chloropropane
Concen: 185.536 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367

Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.8	128.4
157	106.9	54.2	162.6

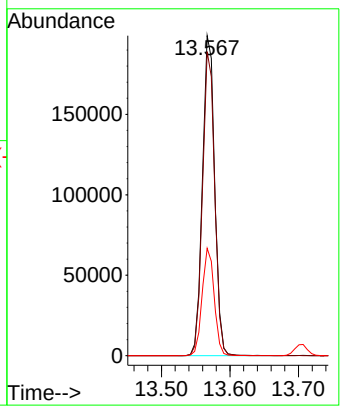




#93
1,2,4-Trichlorobenzene
Concen: 180.791 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 24747

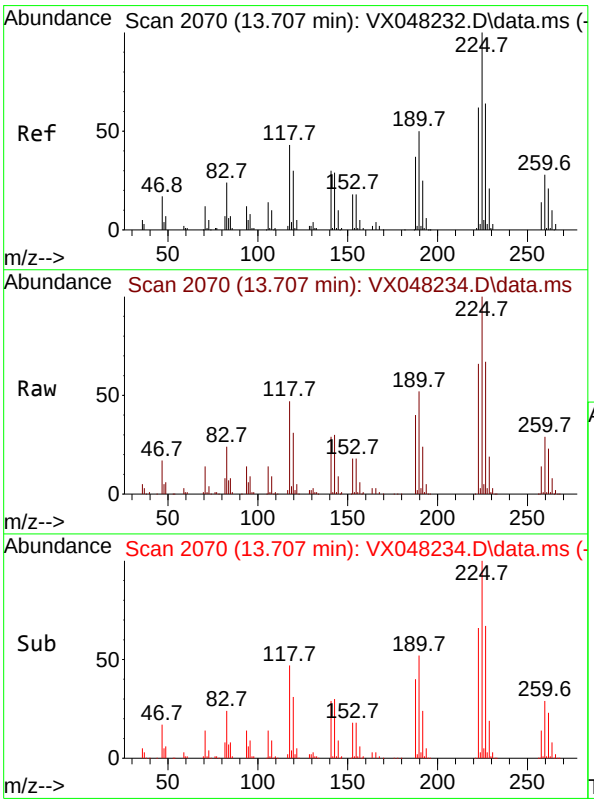
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	33.2	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

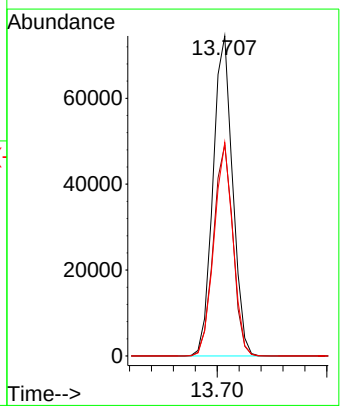
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

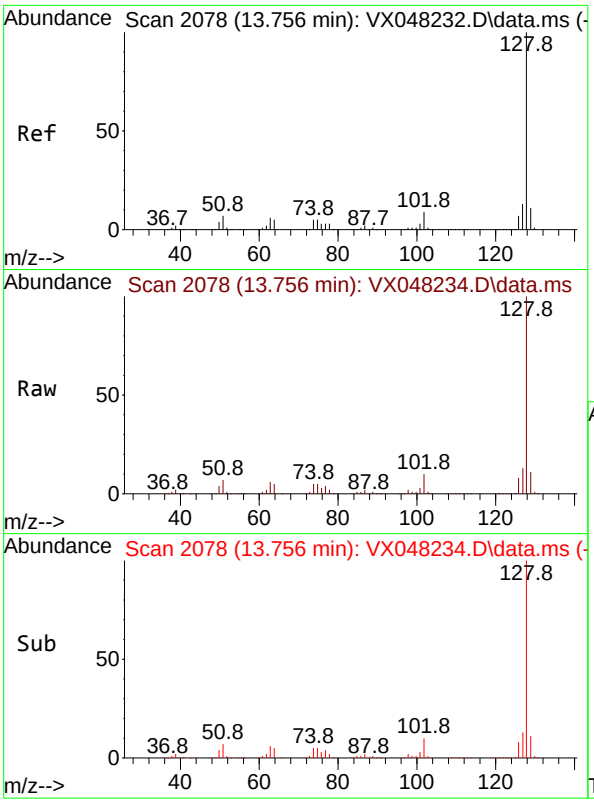


#94
Hexachlorobutadiene
Concen: 175.138 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:225 Resp: 92458

Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.6	97.7
227	64.3	32.5	97.4

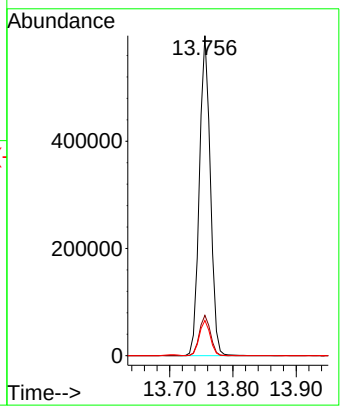




#95
Naphthalene
Concen: 199.386 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:128 Resp: 71943

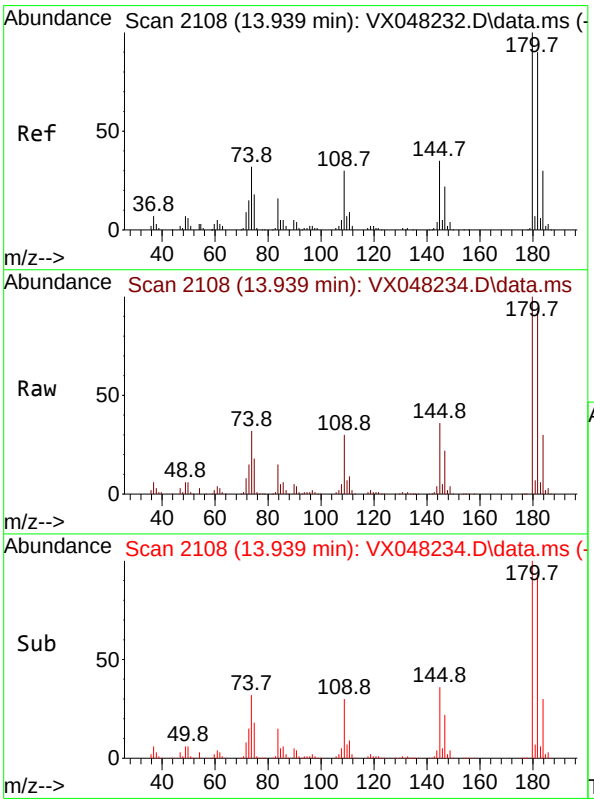
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

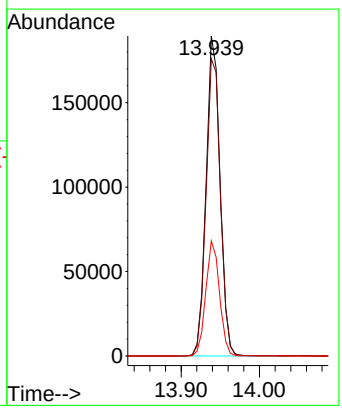
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 185.022 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	35.4	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	138374	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	228619	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	208481	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105998	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.940	65	10036	4.008	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	8.020%#			
35) Dibromofluoromethane	5.379	113	7733	3.839	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	7.680%#			
50) Toluene-d8	8.634	98	27914	3.999	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.000%#			
62) 4-Bromofluorobenzene	11.067	95	11429	4.042	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.080%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.172	85	7219	5.194	ug/l		93
3) Chloromethane	1.300	50	7032	5.531	ug/l		95
4) Vinyl Chloride	1.380	62	6338	5.341	ug/l		98
5) Bromomethane	1.611	94	4789	5.918	ug/l		99
6) Chloroethane	1.691	64	3610	5.085	ug/l		99
7) Trichlorofluoromethane	1.898	101	12170	5.319	ug/l		96
8) Diethyl Ether	2.136	74	3283	5.035	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.337	101	7656	5.264	ug/l		92
10) Methyl Iodide	2.453	142	7871	4.284	ug/l		98
11) Tert butyl alcohol	2.940	59	5994	33.503	ug/l	#	80
12) 1,1-Dichloroethene	2.325	96	7107	4.991	ug/l		91
13) Acrolein	2.233	56	5456	27.637	ug/l		96
14) Allyl chloride	2.666	41	11531	4.839	ug/l		96
15) Acrylonitrile	3.062	53	16982	24.912	ug/l		97
16) Acetone	2.373	43	18141	27.636	ug/l		100
17) Carbon Disulfide	2.520	76	23369	5.270	ug/l		96
18) Methyl Acetate	2.703	43	6418	4.639	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	22931	4.663	ug/l		97
20) Methylene Chloride	2.788	84	8228	5.163	ug/l	#	81
21) trans-1,2-Dichloroethene	3.093	96	8343	5.393	ug/l		94
22) Diisopropyl ether	3.757	45	23533	4.984	ug/l	#	97
23) Vinyl Acetate	3.721	43	91771	24.336	ug/l	#	90
24) 1,1-Dichloroethane	3.605	63	14582	5.126	ug/l	#	97
25) 2-Butanone	4.550	43	21808	26.293	ug/l	#	89
26) 2,2-Dichloropropane	4.471	77	13077	5.066	ug/l		99
27) cis-1,2-Dichloroethene	4.483	96	9312	5.084	ug/l		96
28) Bromochloromethane	4.885	49	6488	5.474	ug/l	#	89
29) Tetrahydrofuran	4.995	42	12637	25.353	ug/l		98
30) Chloroform	5.086	83	15814	5.159	ug/l		96
31) Cyclohexane	5.458	56	11661	4.943	ug/l		98
32) 1,1,1-Trichloroethane	5.367	97	14399	5.115	ug/l		98
36) 1,1-Dichloropropene	5.684	75	10855	5.001	ug/l		99
37) Ethyl Acetate	4.702	43	9058m	4.970	ug/l		
38) Carbon Tetrachloride	5.672	117	14225	5.323	ug/l	#	81
39) Methylcyclohexane	7.366	83	13491	5.318	ug/l		97
40) Benzene	6.031	78	32115	5.103	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	4538m	4.817	ug/l		
42) 1,2-Dichloroethane	6.074	62	11412	4.870	ug/l		100
43) Isopropyl Acetate	6.330	43	13996	4.656	ug/l	#	93
44) Trichloroethene	7.110	130	8373	5.009	ug/l		93
45) 1,2-Dichloropropane	7.415	63	7709	5.129	ug/l		99
46) Dibromomethane	7.568	93	6041	5.181	ug/l		91
47) Bromodichloromethane	7.811	83	12974	5.126	ug/l		97
48) Methyl methacrylate	7.683	41	6863	4.542	ug/l		94
49) 1,4-Dioxane	7.659	88	2020	103.402	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	42725	24.936	ug/l		97
52) Toluene	8.708	92	21137	5.296	ug/l		97
53) t-1,3-Dichloropropene	8.964	75	12015	4.914	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	12702	4.820	ug/l		90
55) 1,1,2-Trichloroethane	9.140	97	8113	5.453	ug/l		91
56) Ethyl methacrylate	9.104	69	10320	4.713	ug/l		94
57) 1,3-Dichloropropane	9.293	76	13087	5.112	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	20764	19.525	ug/l		98
59) 2-Hexanone	9.415	43	30949	25.896	ug/l		96
60) Dibromochloromethane	9.506	129	10082	5.028	ug/l		99
61) 1,2-Dibromoethane	9.592	107	8079	5.075	ug/l		100
64) Tetrachloroethene	9.256	164	8020	5.341	ug/l		92
65) Chlorobenzene	10.061	112	23873	5.236	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.146	131	8450	5.012	ug/l		98
67) Ethyl Benzene	10.177	91	39121	5.044	ug/l		96
68) m/p-Xylenes	10.287	106	30310	10.586	ug/l		97
69) o-Xylene	10.628	106	14262	5.128	ug/l		98
70) Styrene	10.640	104	24289	5.138	ug/l		98
71) Bromoform	10.780	173	6766	5.031	ug/l	#	96
73) Isopropylbenzene	10.945	105	37935	5.082	ug/l		99
74) N-amyl acetate	10.829	43	12188	4.544	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	10324	4.992	ug/l		98
76) 1,2,3-Trichloropropane	11.225	75	8134m	4.889	ug/l		
77) Bromobenzene	11.183	156	9508	5.027	ug/l		94
78) n-propylbenzene	11.286	91	44189	5.097	ug/l		99
79) 2-Chlorotoluene	11.347	91	26627	5.032	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	30618	4.910	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	3038	4.387	ug/l		96
82) 4-Chlorotoluene	11.439	91	31357	5.017	ug/l		97
83) tert-Butylbenzene	11.695	119	32297	5.086	ug/l		96
84) 1,2,4-Trimethylbenzene	11.731	105	31709	5.129	ug/l		100
85) sec-Butylbenzene	11.872	105	39113	5.118	ug/l		99
86) p-Isopropyltoluene	11.994	119	34155	5.185	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	18546	5.256	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	18787	5.081	ug/l		91
89) n-Butylbenzene	12.317	91	30409	5.069	ug/l		99
90) Hexachloroethane	12.518	117	6863	5.210	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	16849	5.076	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1984	4.680	ug/l		98
93) 1,2,4-Trichlorobenzene	13.573	180	10538	4.693	ug/l		98
94) Hexachlorobutadiene	13.707	225	5113	4.948	ug/l		96
95) Naphthalene	13.756	128	26218	4.374	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	10040	4.906	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 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

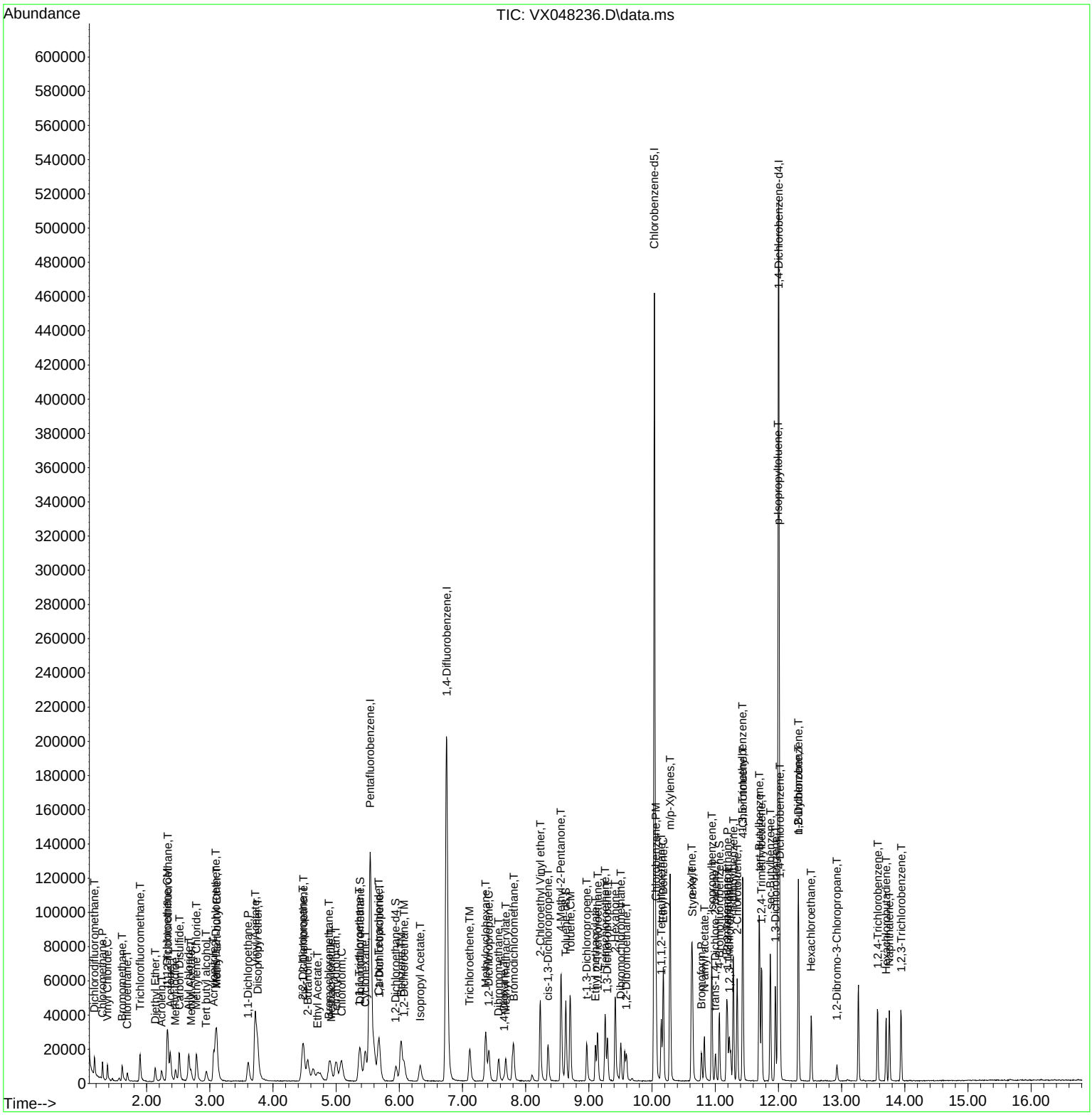
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

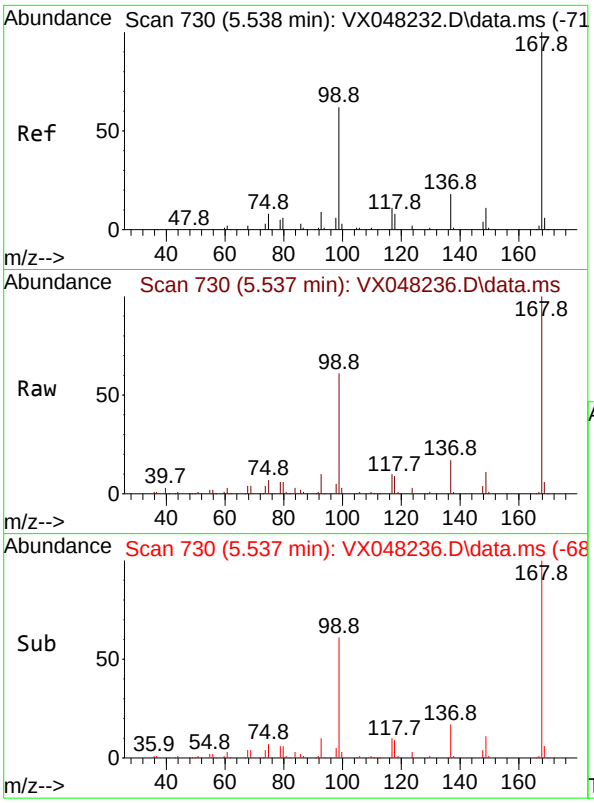
Quant Time: Oct 20 14:07:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 13:10:39 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

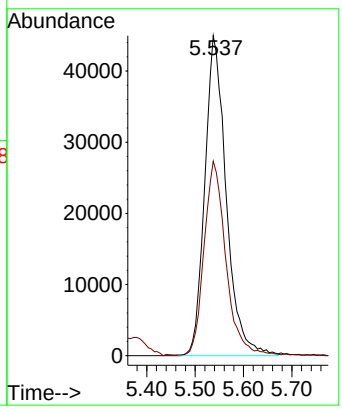




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:168 Resp: 13837

Ion	Ratio	Lower	Upper
168	100		
99	60.5	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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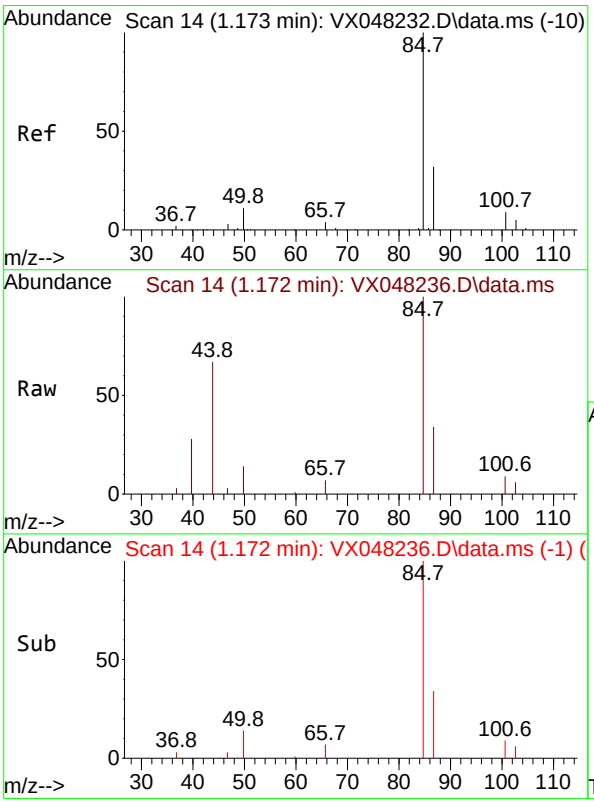
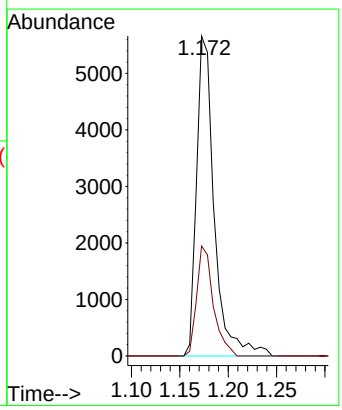
Supervised By :Semsettin Yesilyurt 10/21/2025

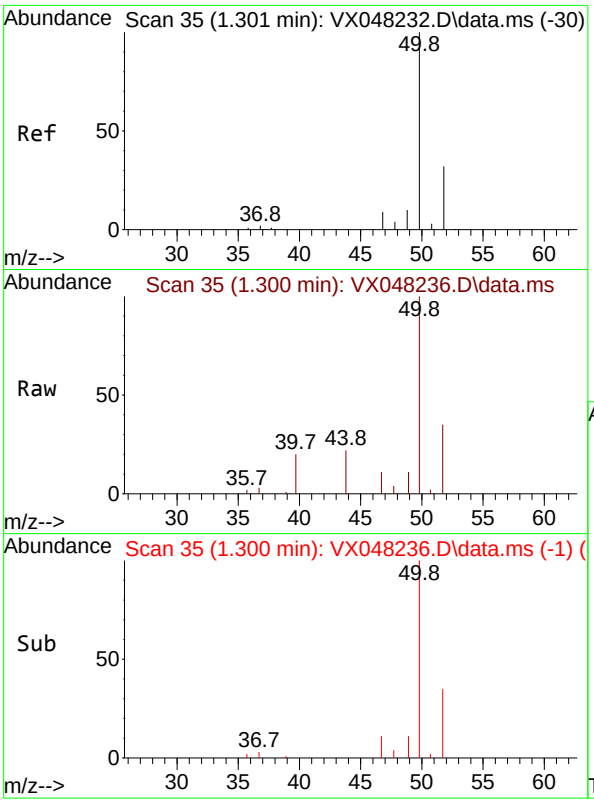


#2
Dichlorodifluoromethane
Concen: 5.194 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 85 Resp: 7219

Ion	Ratio	Lower	Upper
85	100		
87	34.3	15.3	45.9

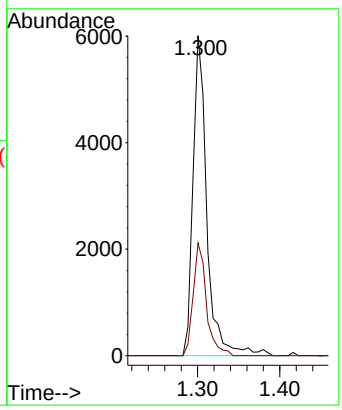




#3
Chloromethane
Concen: 5.531 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 50 Resp: 703

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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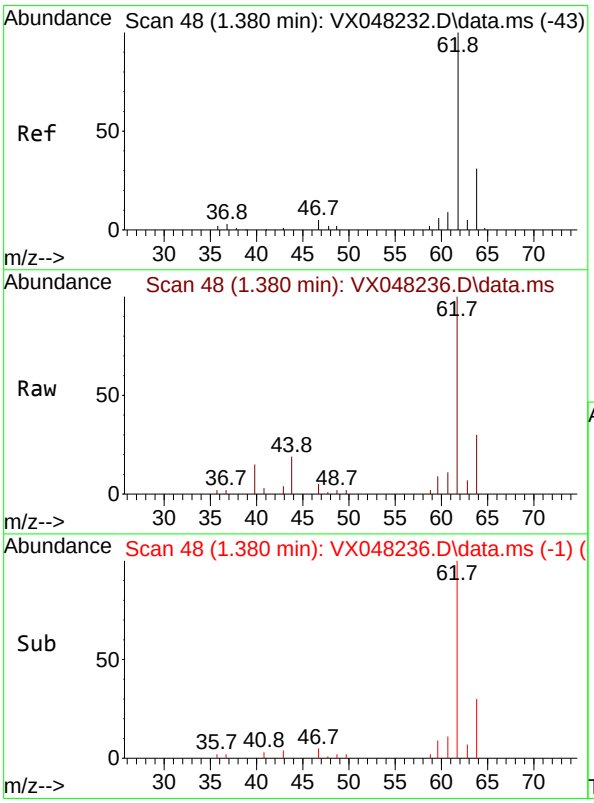
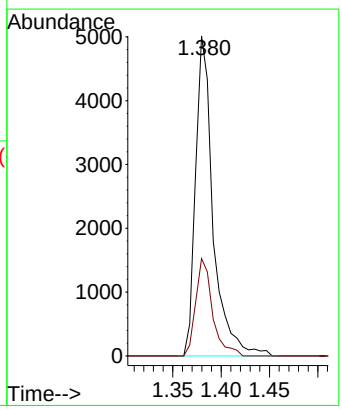
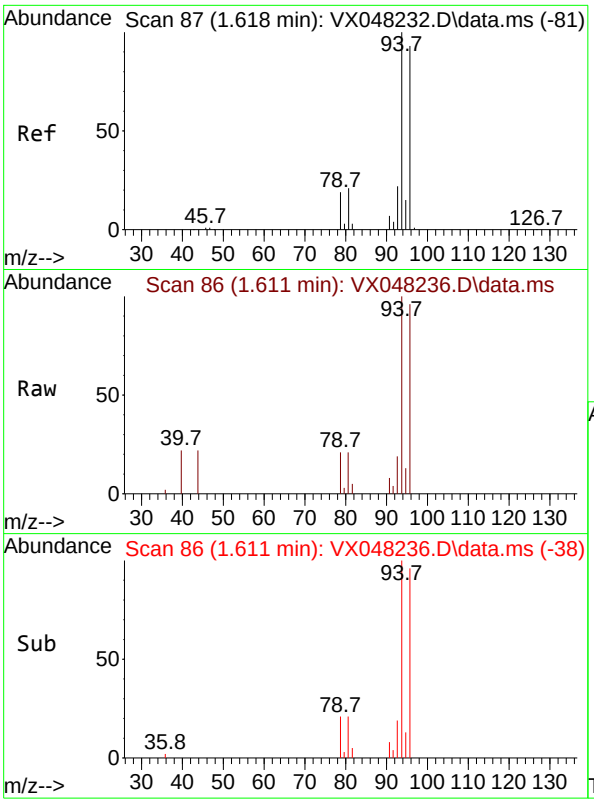


#4
Vinyl Chloride
Concen: 5.341 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338

Ion	Ratio	Lower	Upper
62	100		
64	30.5	25.1	37.7

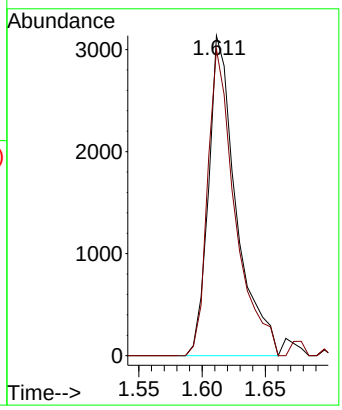




#5
Bromomethane
Concen: 5.918 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 94 Resp: 478

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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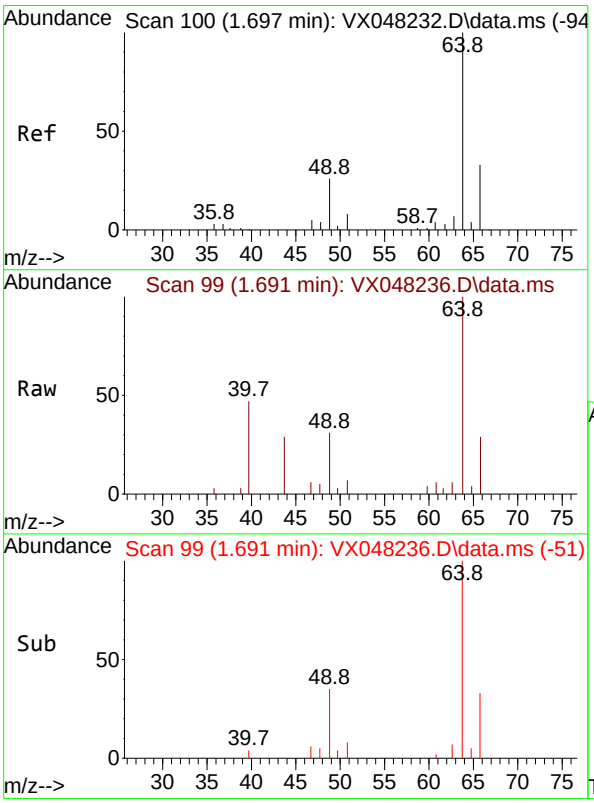
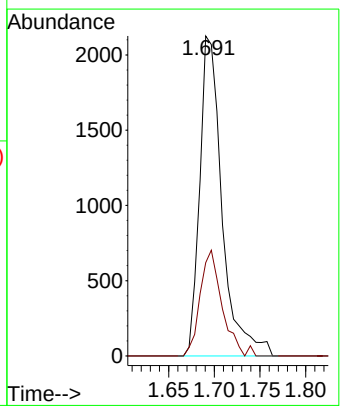
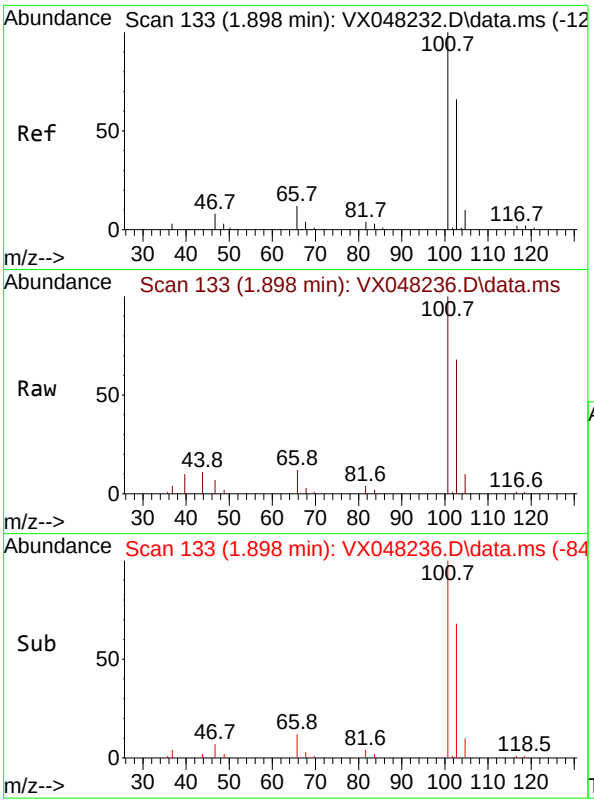


#6
Chloroethane
Concen: 5.085 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 64 Resp: 3610

Ion	Ratio	Lower	Upper
64	100		
66	29.2	23.9	35.9





#7
Trichlorofluoromethane
Concen: 5.319 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:101 Resp: 1217

Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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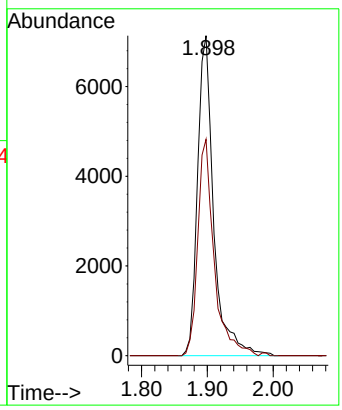
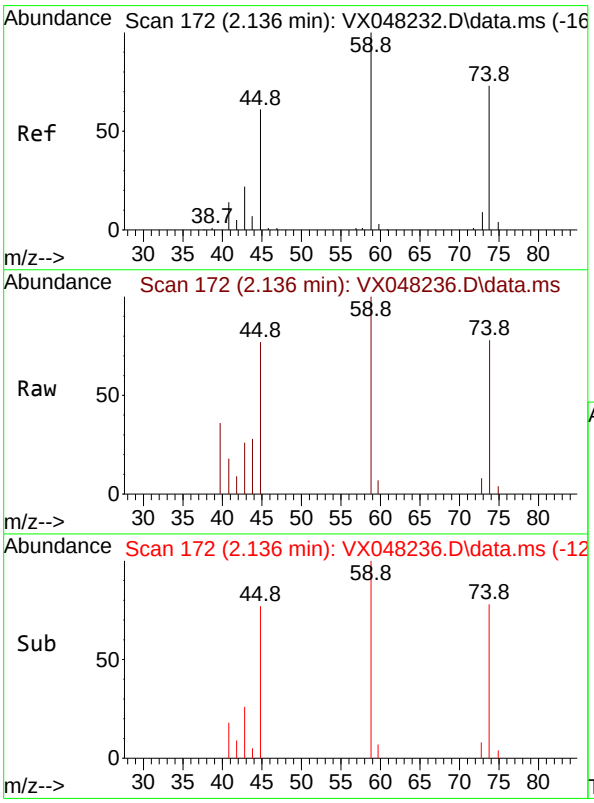
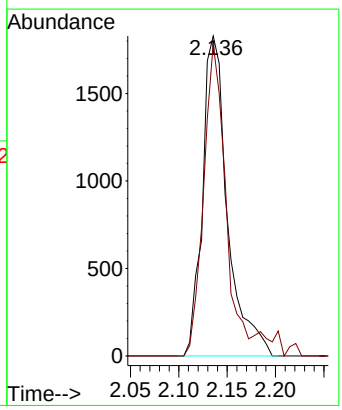


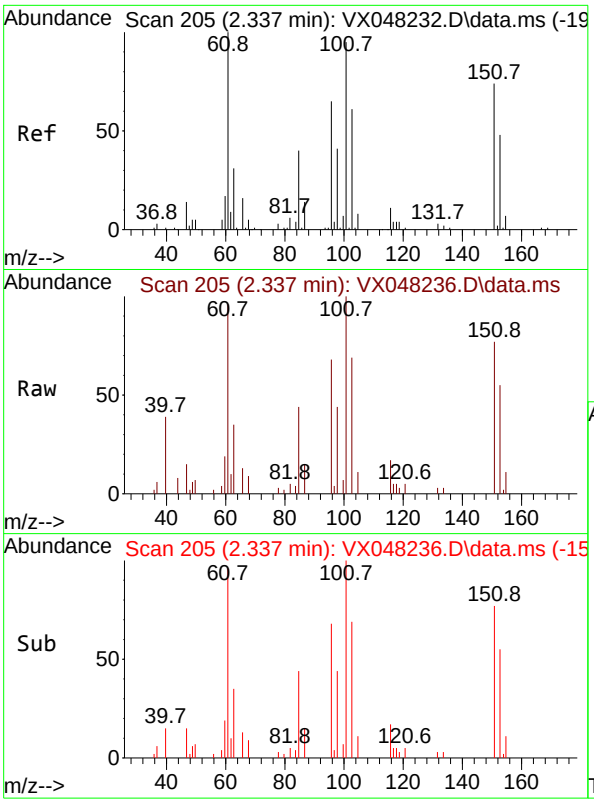


#8
Diethyl Ether
Concen: 5.035 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283

Ion	Ratio	Lower	Upper
74	100		
45	86.7	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.264 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:101 Resp: 765(

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	81.0	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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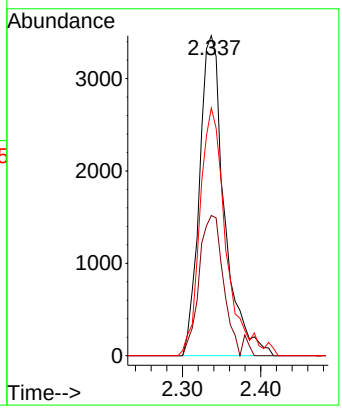
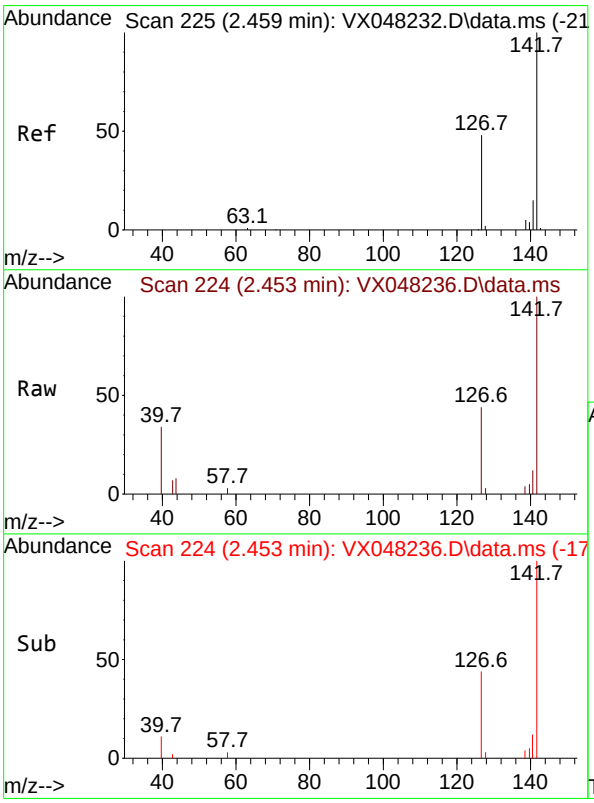
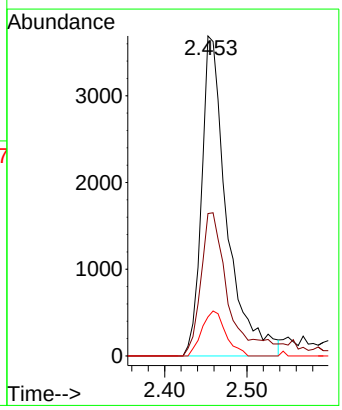


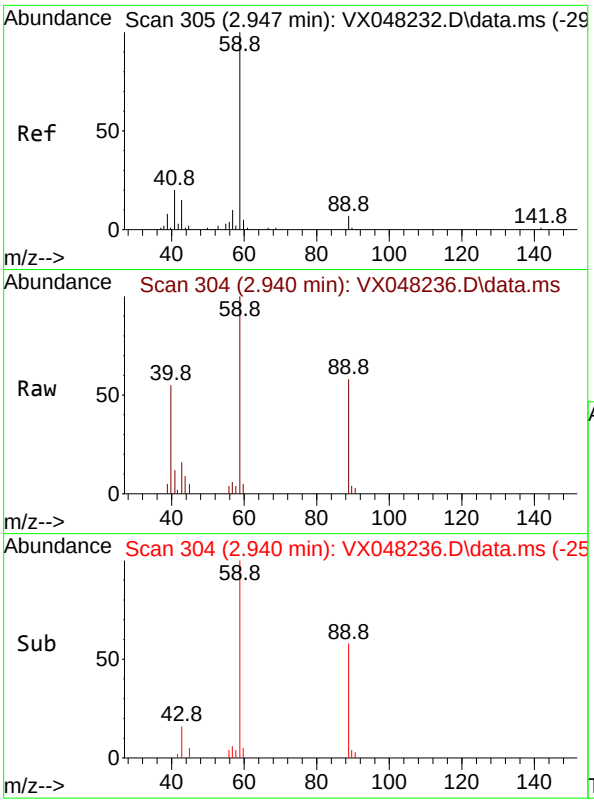


#10
Methyl Iodide
Concen: 4.284 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:142 Resp: 7871

Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	13.3	11.6	17.4





#11
Tert butyl alcohol
Concen: 33.503 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 59 Resp: 599

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.2	12.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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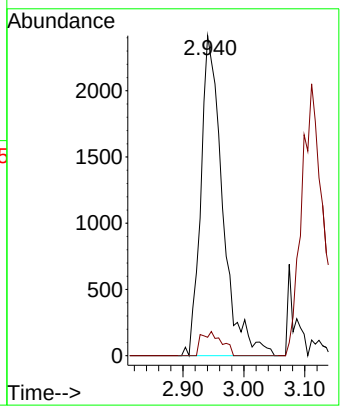
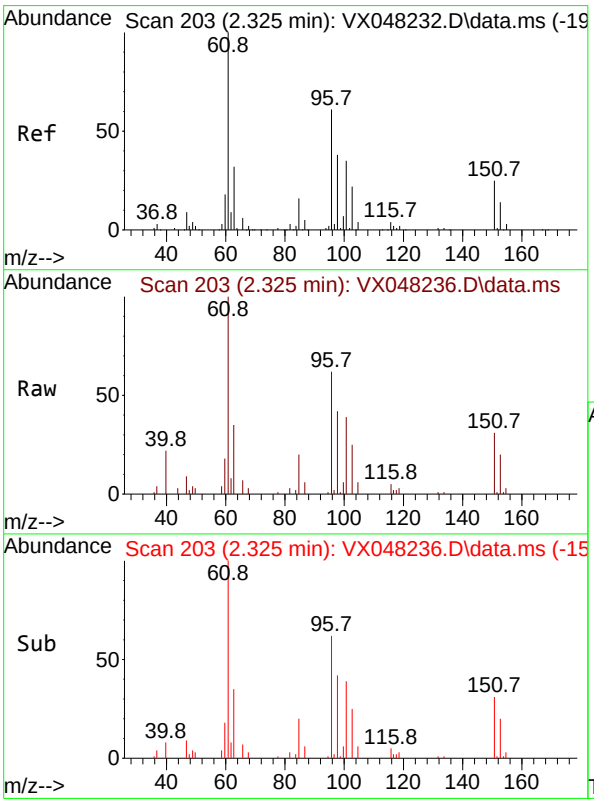
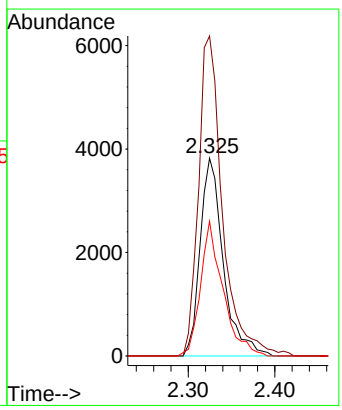


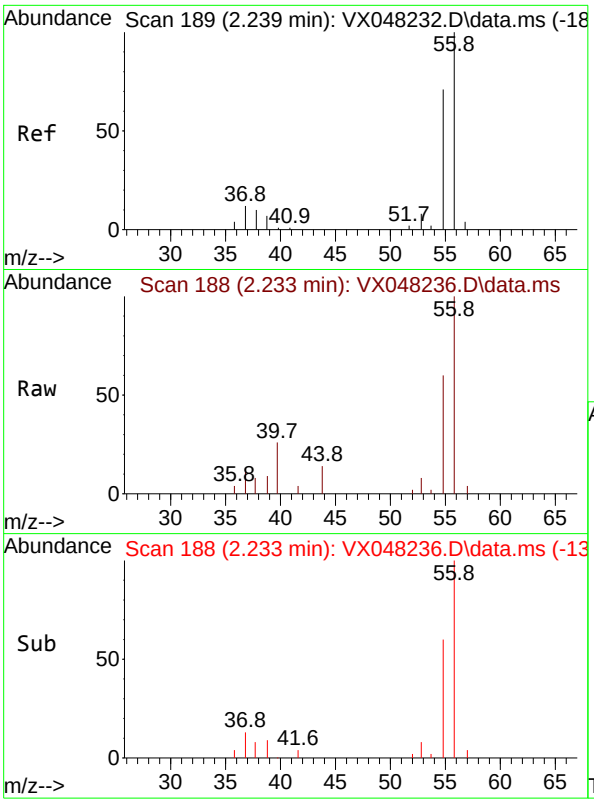


#12
1,1-Dichloroethene
Concen: 4.991 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 7107

Ion	Ratio	Lower	Upper
96	100		
61	156.9	139.0	208.6
98	66.1	52.4	78.6

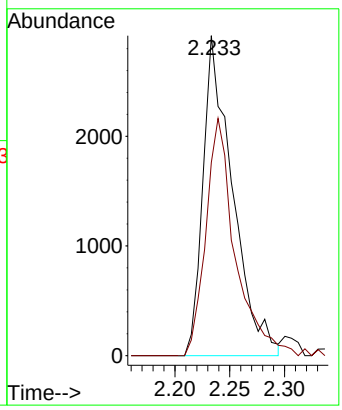




#13
Acrolein
Concen: 27.637 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 56 Resp: 545

Ion	Ratio	Lower	Upper
56	100		
55	73.7	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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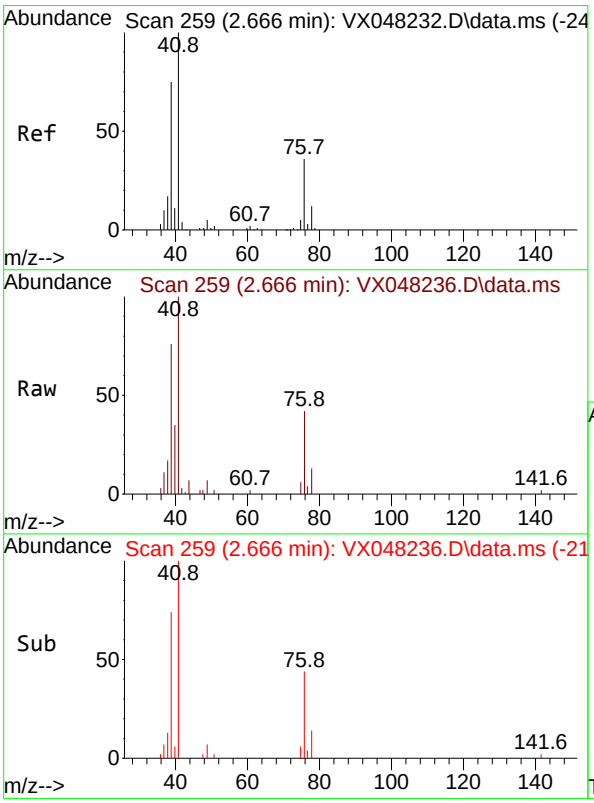
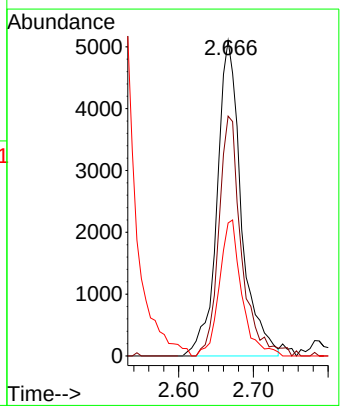
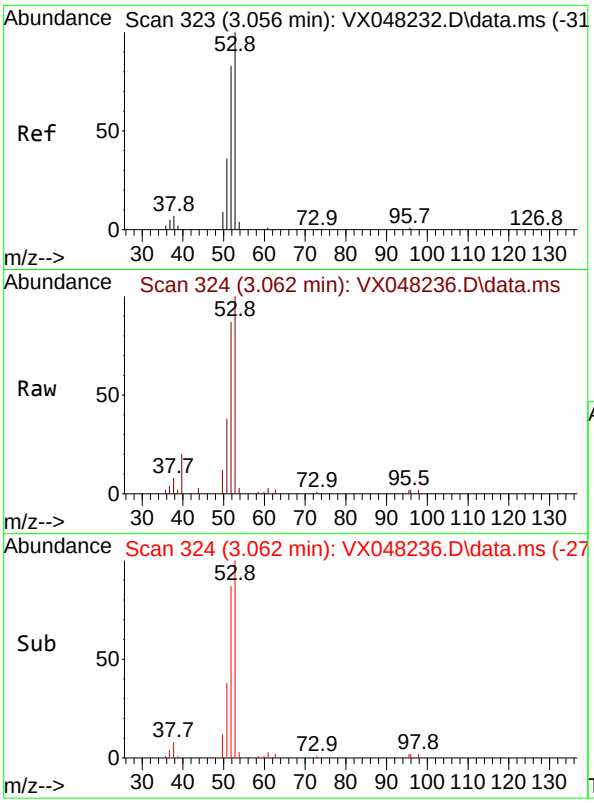


#14
Allyl chloride
Concen: 4.839 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 11531

Ion	Ratio	Lower	Upper
41	100		
39	71.2	56.0	84.0
76	39.7	27.5	41.3

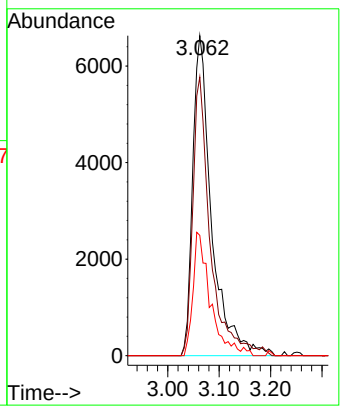




#15
Acrylonitrile
Concen: 24.912 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 53 Resp: 1698

Ion	Ratio	Lower	Upper
53	100		
52	80.1	66.1	99.1
51	34.9	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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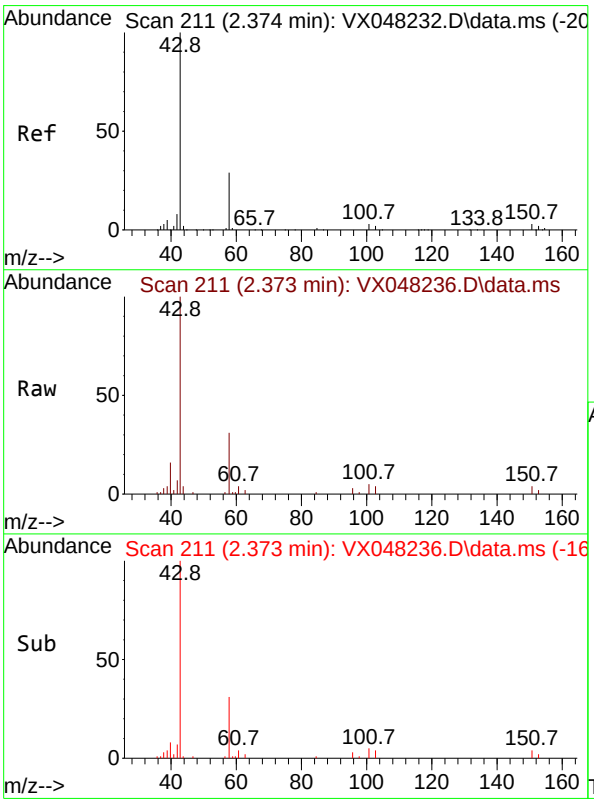
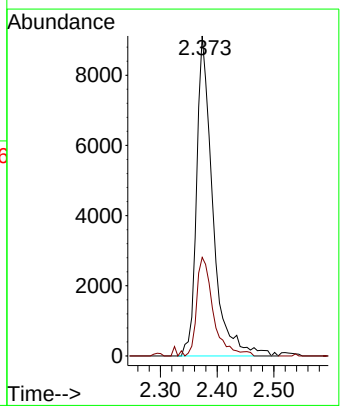
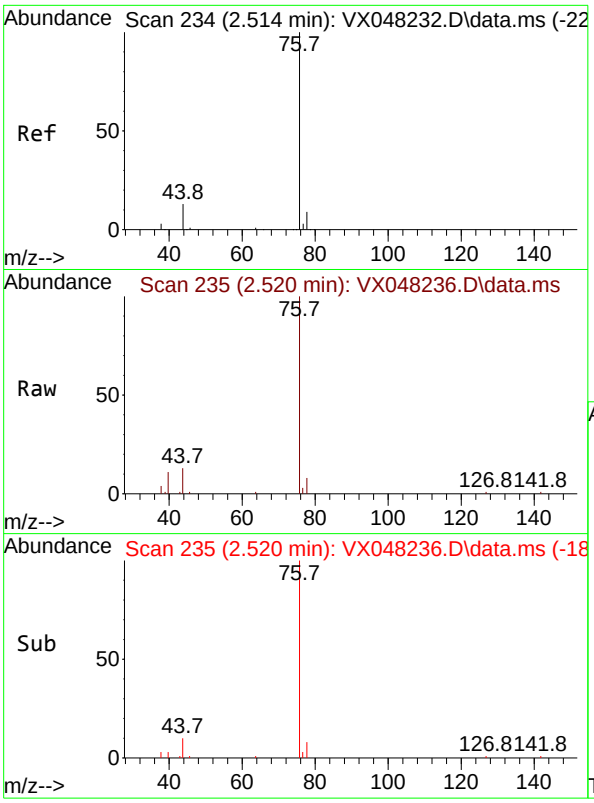


#16
Acetone
Concen: 27.636 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 18141

Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.4	35.2

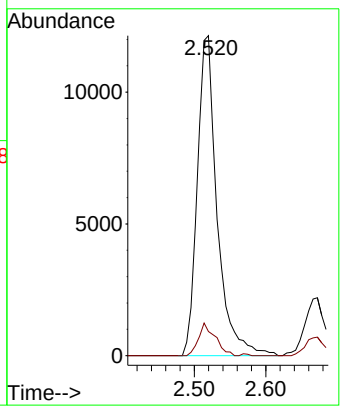




#17
Carbon Disulfide
Concen: 5.270 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 76 Resp: 2336

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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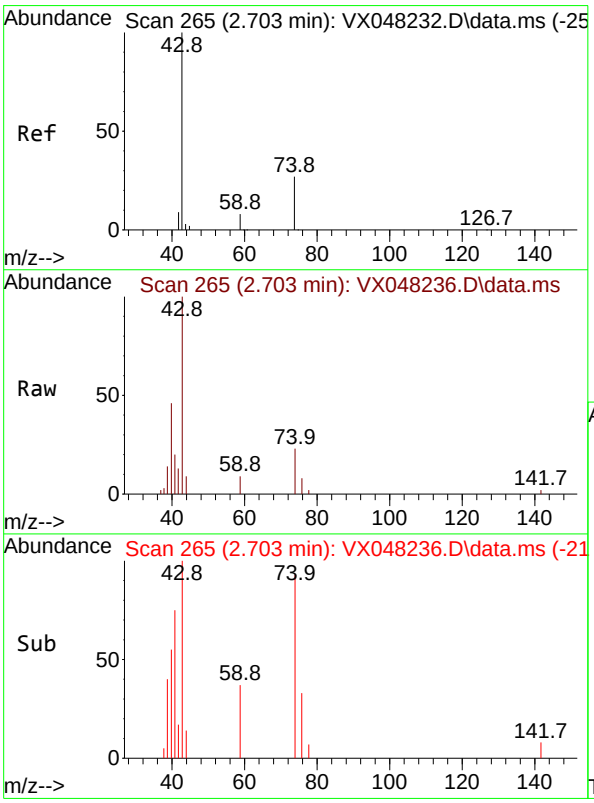
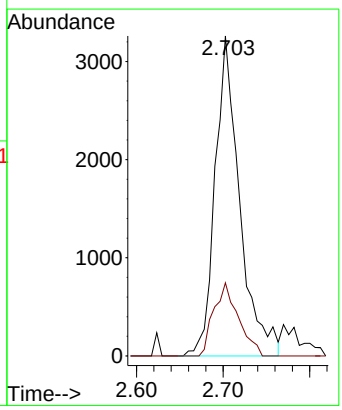
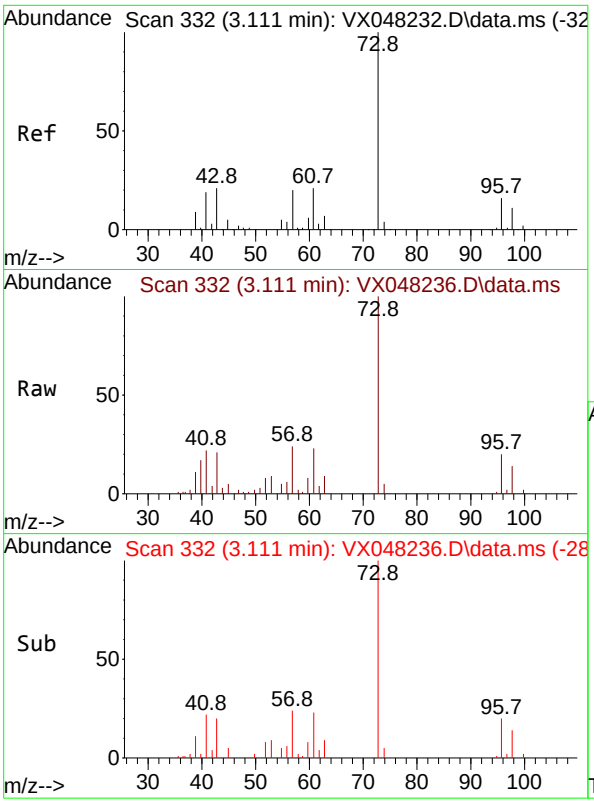


#18
Methyl Acetate
Concen: 4.639 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418

Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.5	26.3

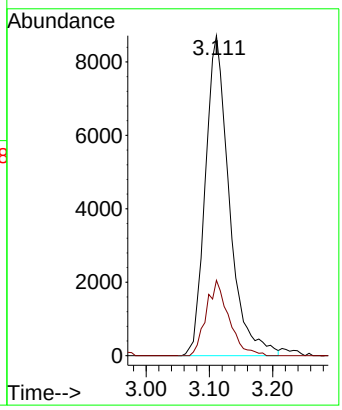




#19
Methyl tert-butyl Ether
Concen: 4.663 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 73 Resp: 2293

Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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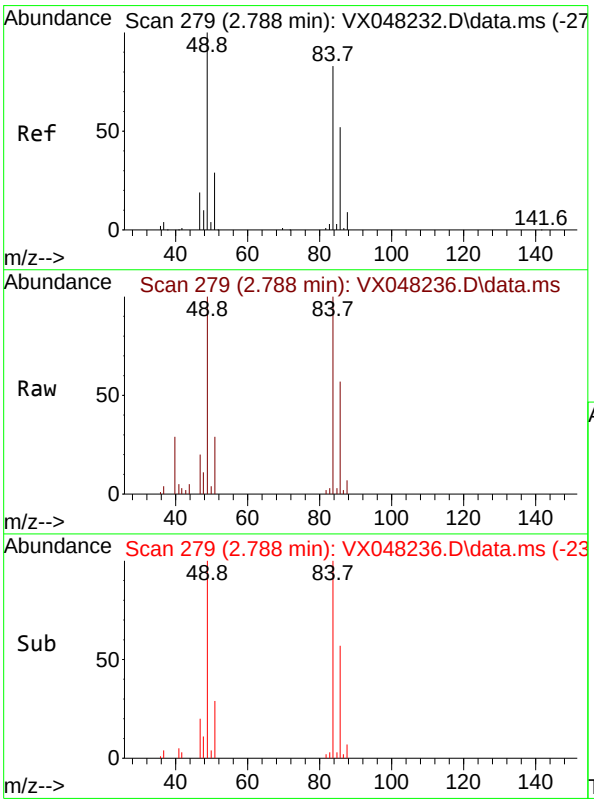
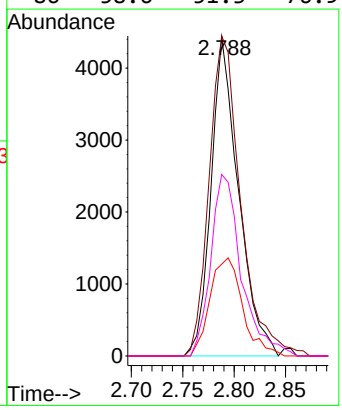
Supervised By :Semsettin Yesilyurt 10/21/2025

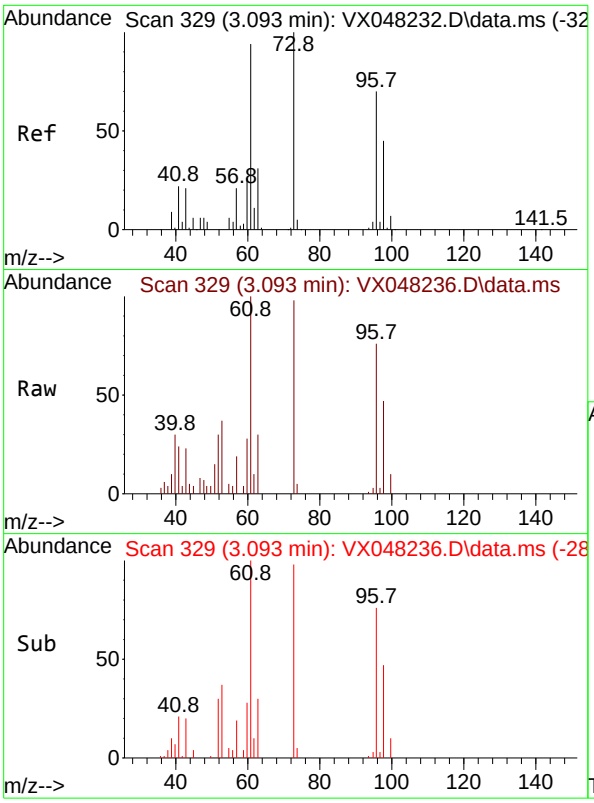


#20
Methylene Chloride
Concen: 5.163 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228

Ion	Ratio	Lower	Upper
84	100		
49	100.4	104.1	156.1#
51	28.8	31.3	46.9#
86	58.6	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 5.393 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 834

Ion	Ratio	Lower	Upper
96	100		
61	131.5	111.9	167.9
98	62.1	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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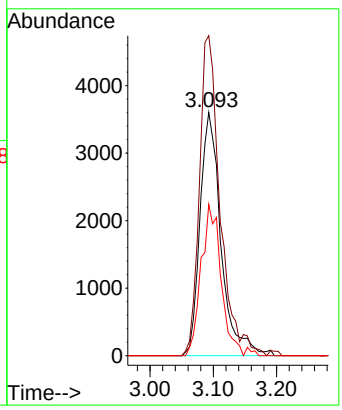
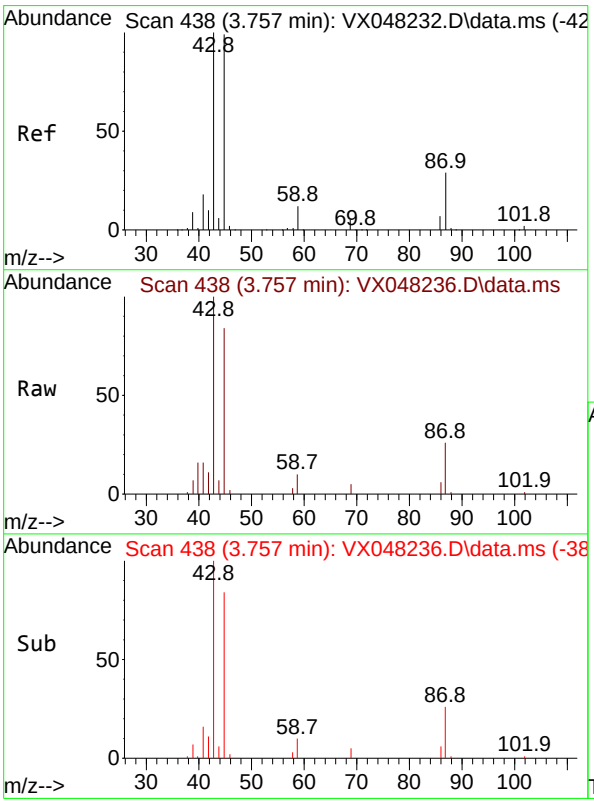
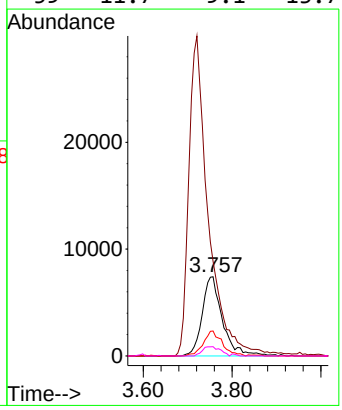


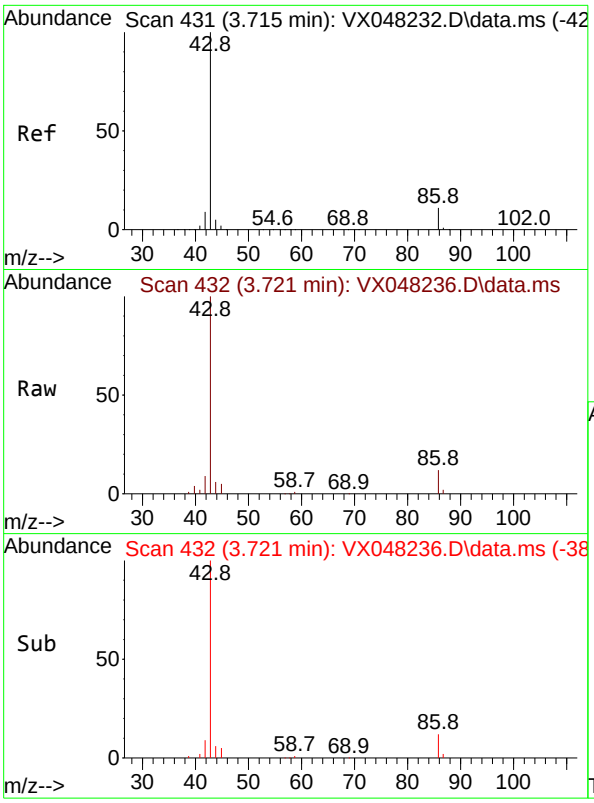


#22
Diisopropyl ether
Concen: 4.984 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533

Ion	Ratio	Lower	Upper
45	100		
43	113.3	89.8	134.8
87	31.5	20.6	31.0#
59	11.7	9.1	13.7





#23
Vinyl Acetate
Concen: 24.336 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 9177

Ion	Ratio	Lower	Upper
43	100		
86	13.5	7.9	11.9#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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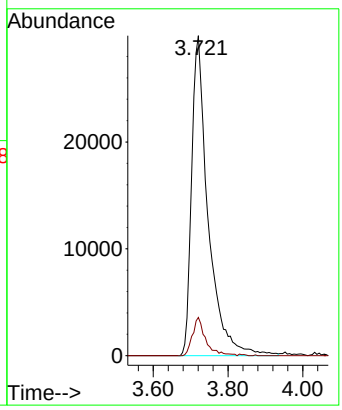
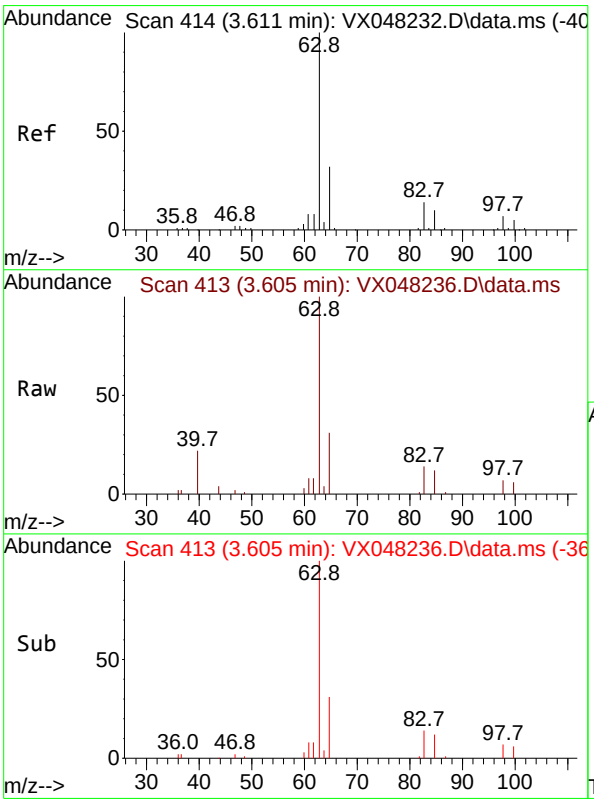
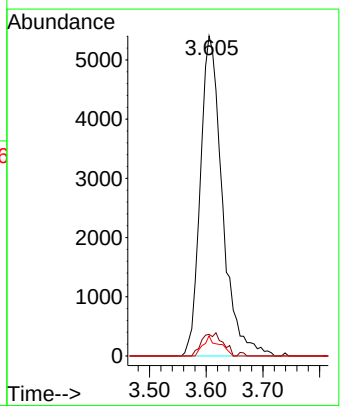


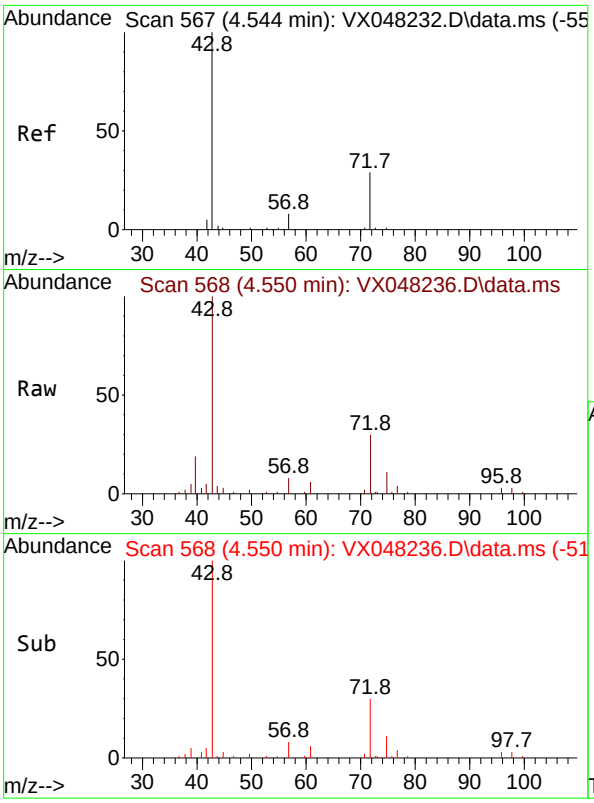


#24
1,1-Dichloroethane
Concen: 5.126 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 14582

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	6.3	2.1	6.3#





#25
2-Butanone
Concen: 26.293 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 2180

Ion	Ratio	Lower	Upper
43	100		
72	30.6	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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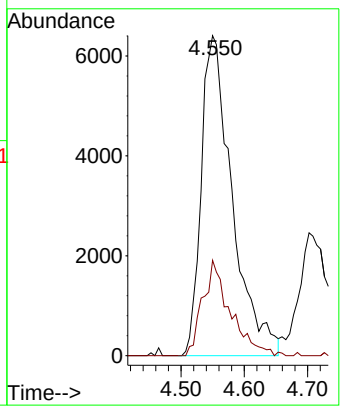
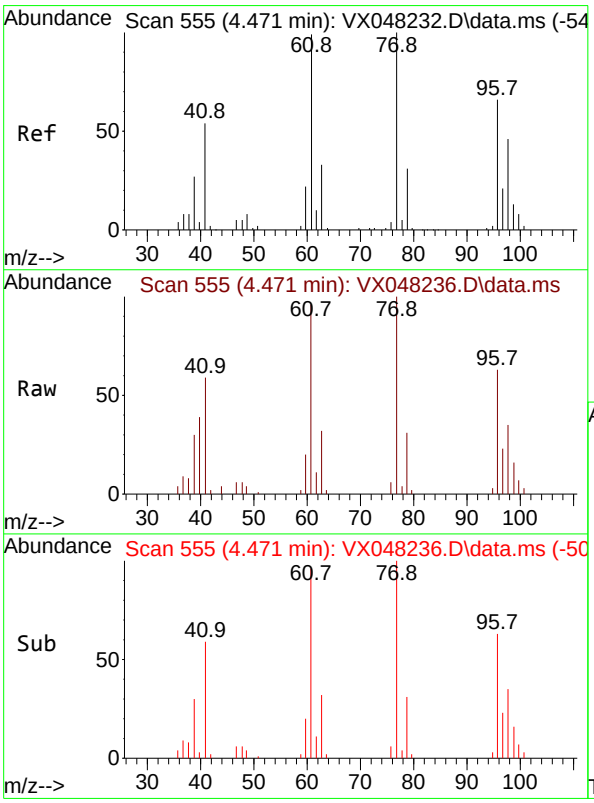
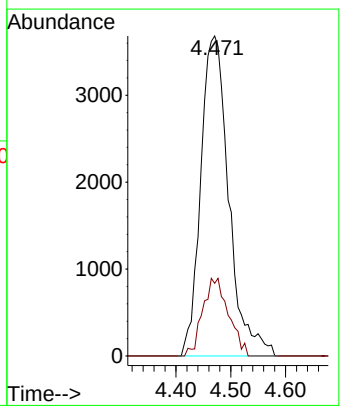


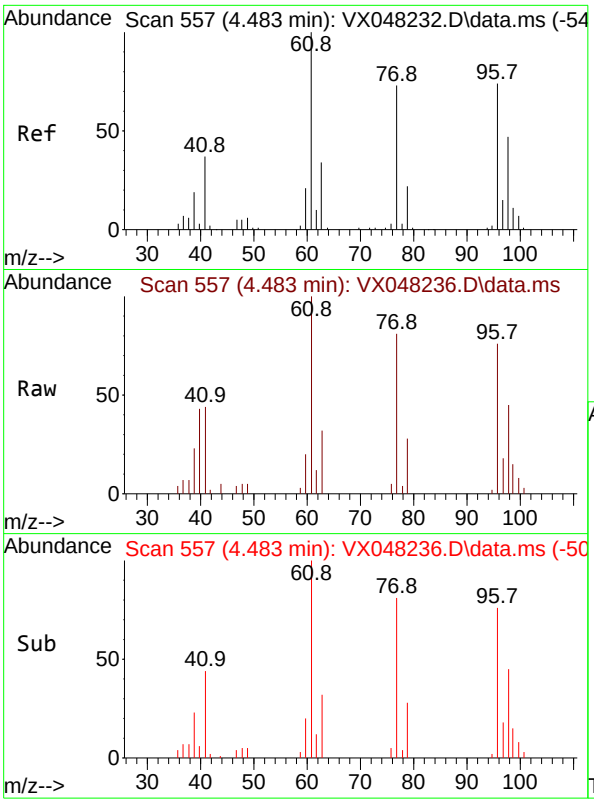


#26
2,2-Dichloropropane
Concen: 5.066 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 77 Resp: 13077

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.1	33.3

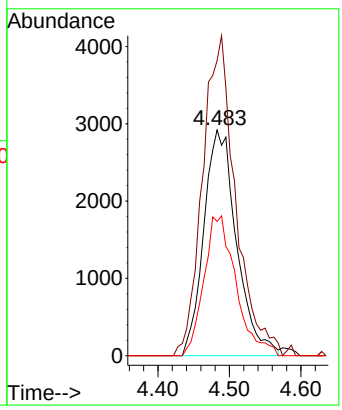




#27
cis-1,2-Dichloroethene
Concen: 5.084 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 931

Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	294.2
98	60.5	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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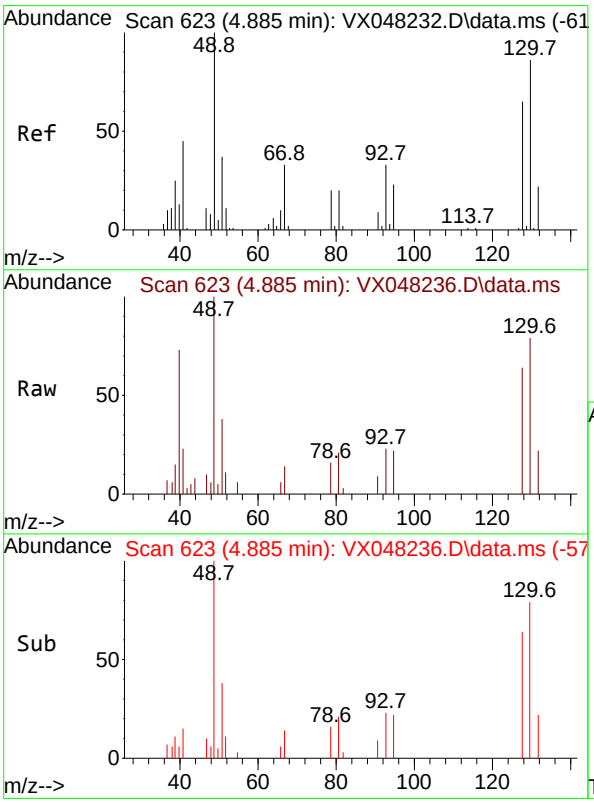
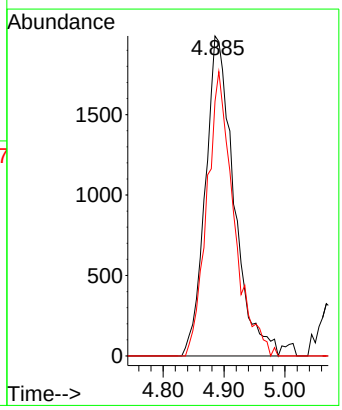
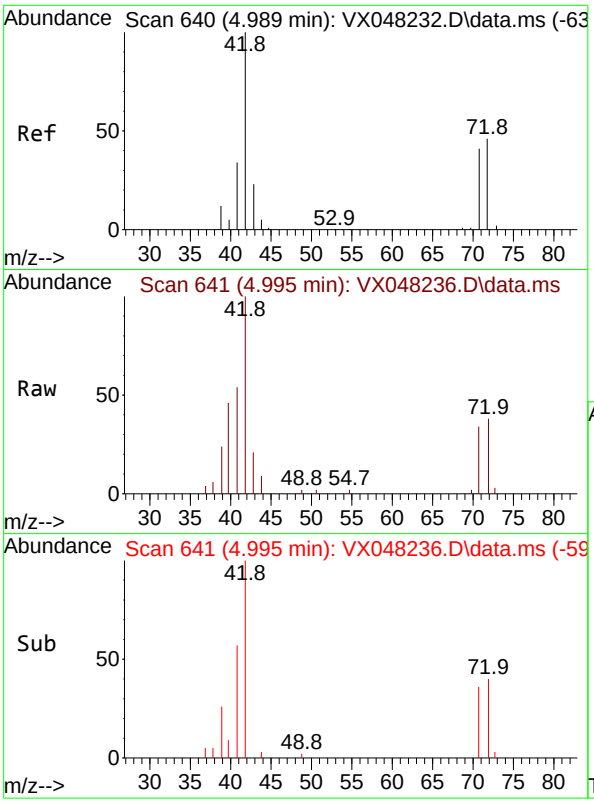


#28
Bromochloromethane
Concen: 5.474 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 49 Resp: 6488

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	83.5	59.3	88.9

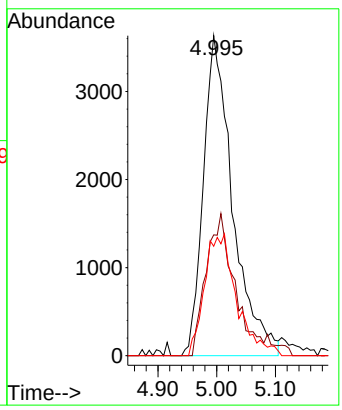




#29
Tetrahydrofuran
Concen: 25.353 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 42 Resp: 1263

Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	41.3	32.2	48.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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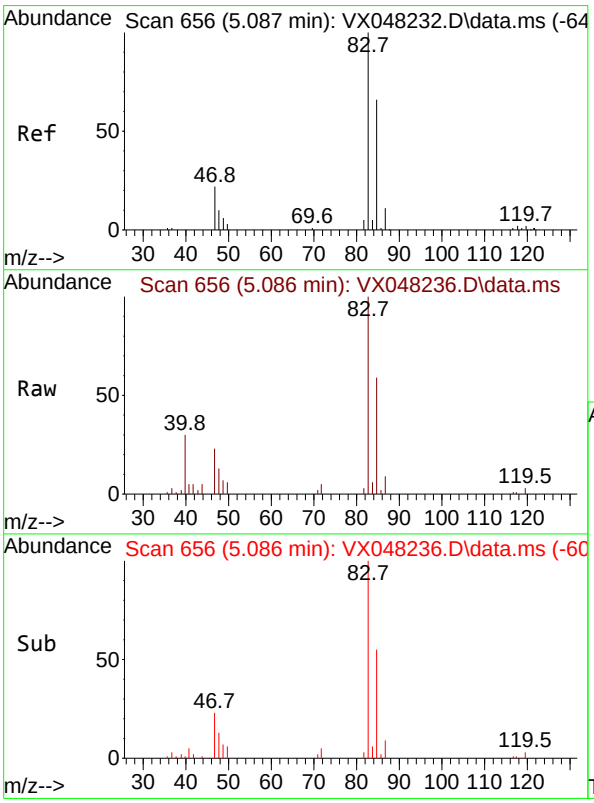
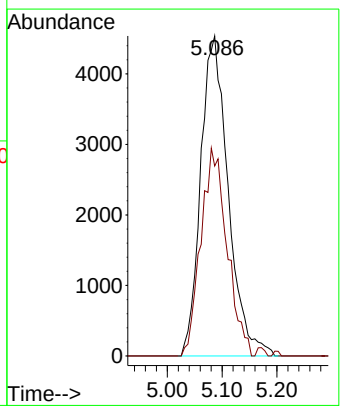
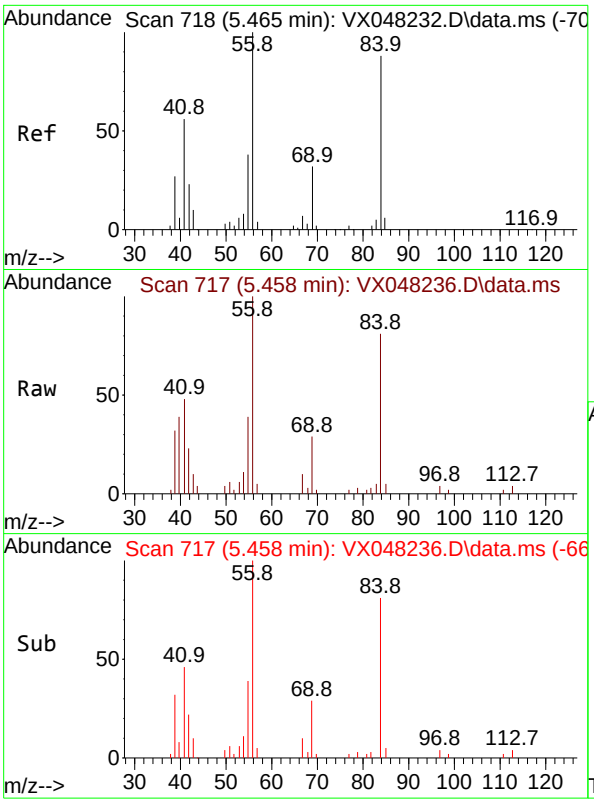


#30
Chloroform
Concen: 5.159 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 15814

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.1	75.1

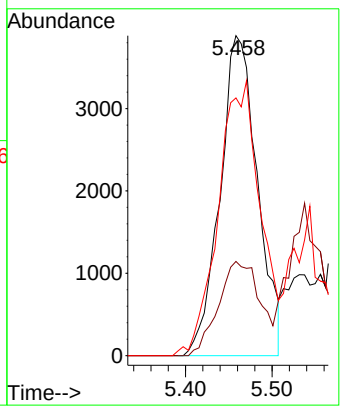




#31
Cyclohexane
Concen: 4.943 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 56 Resp: 1166

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.6
84	79.1	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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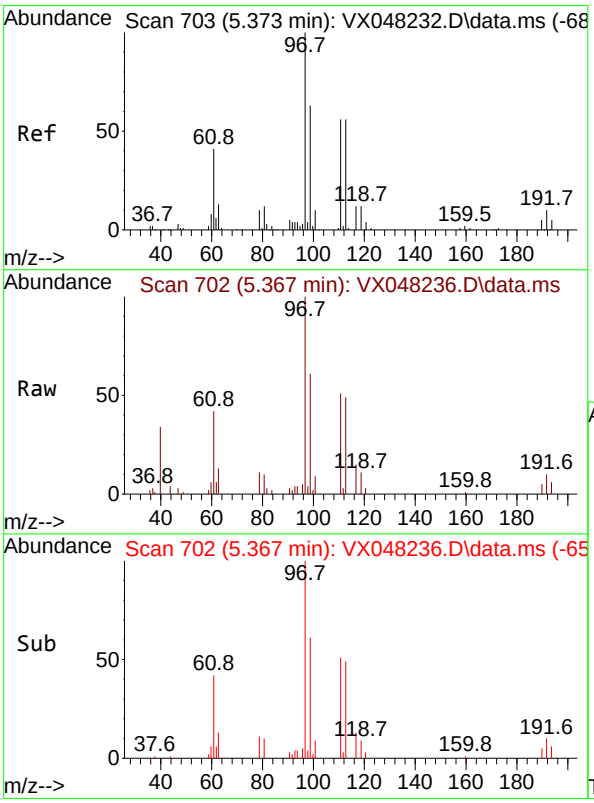
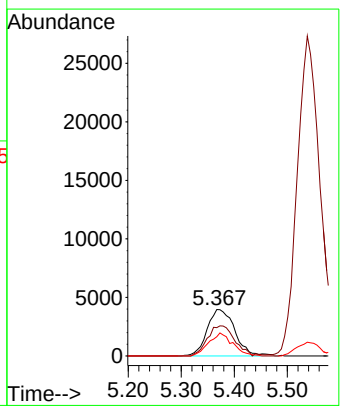
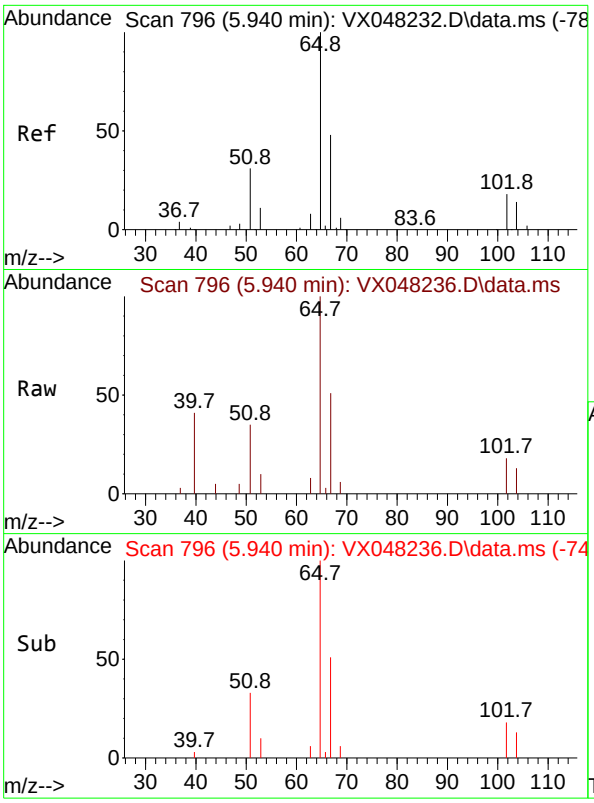


#32
1,1,1-Trichloroethane
Concen: 5.115 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 14399

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	42.8	34.8	52.2

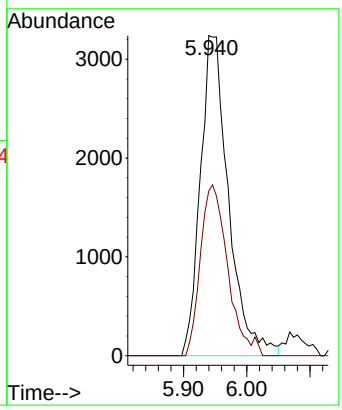




#33
1,2-Dichloroethane-d4
Concen: 4.008 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 65 Resp: 1003

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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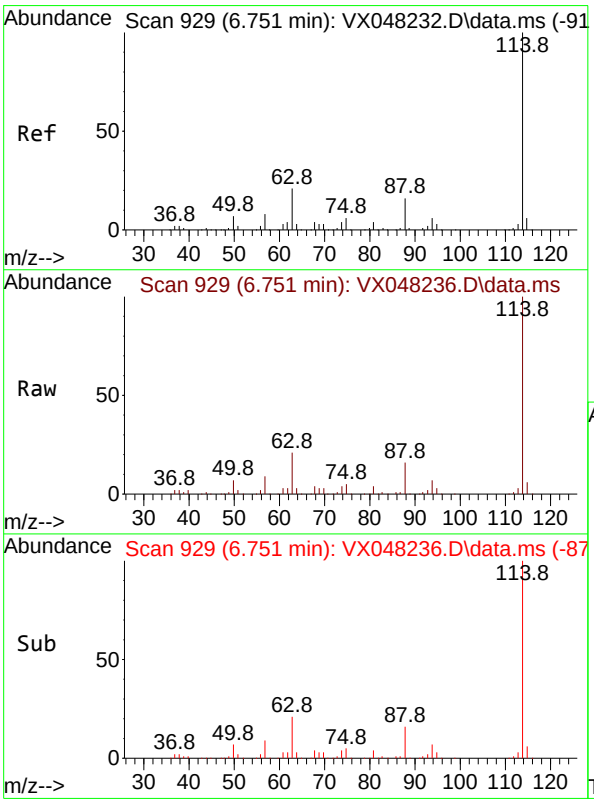
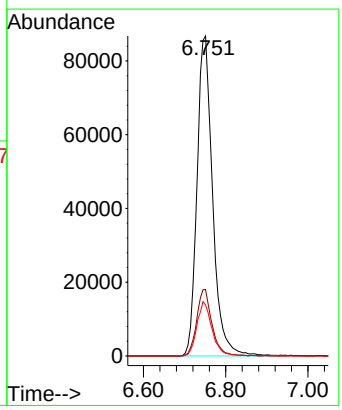
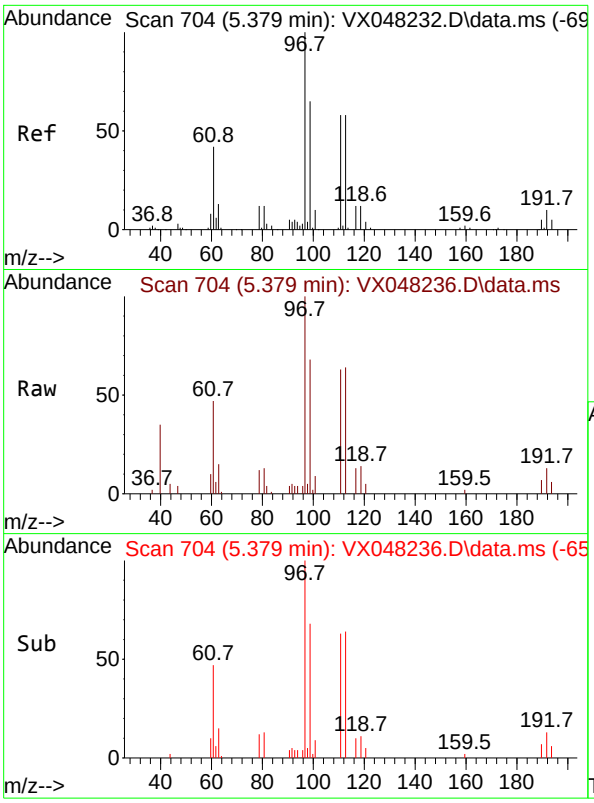


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:114 Resp: 228619

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.9	0.0	33.6

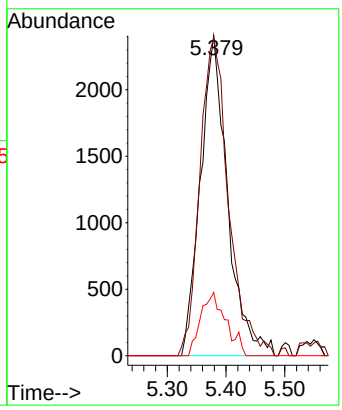




#35
Dibromofluoromethane
Concen: 3.839 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:113 Resp: 773

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	18.3	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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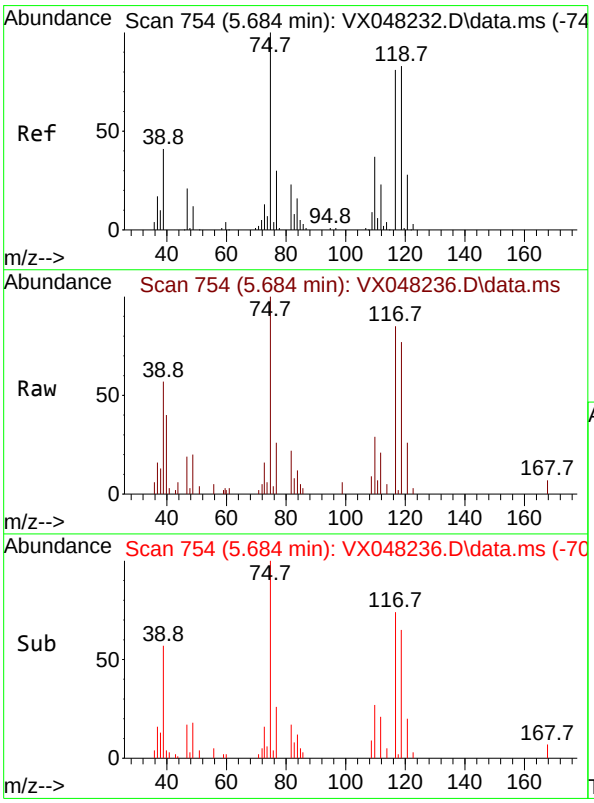
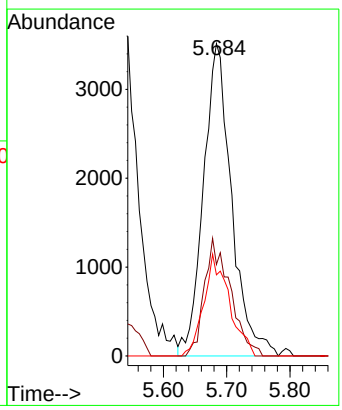
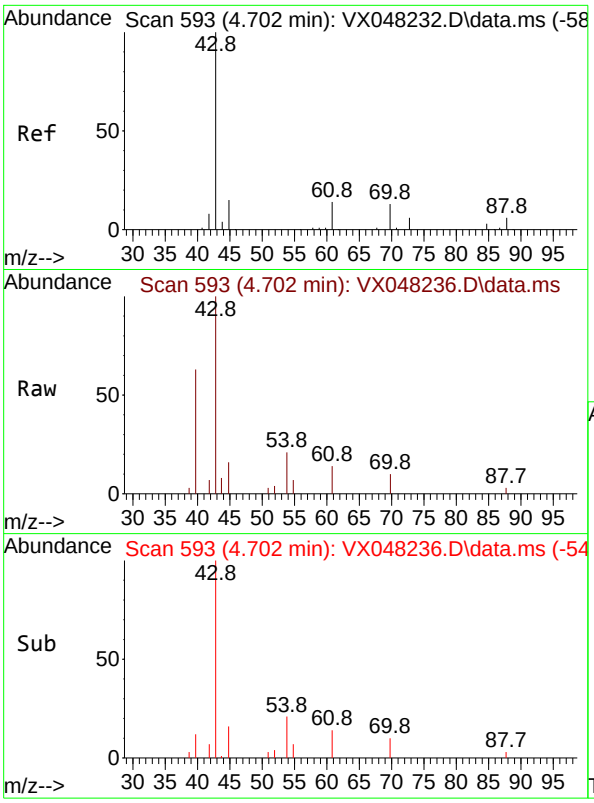


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10855

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.7	53.1
77	29.5	24.3	36.5





#37
Ethyl Acetate
Concen: 4.970 ug/l m
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 905

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	3.7	7.8	11.6#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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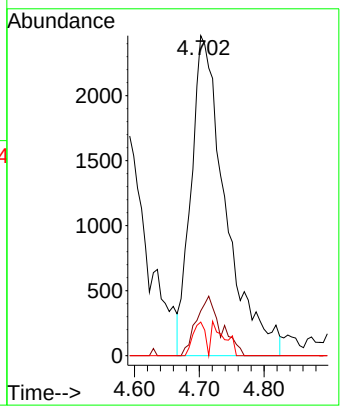
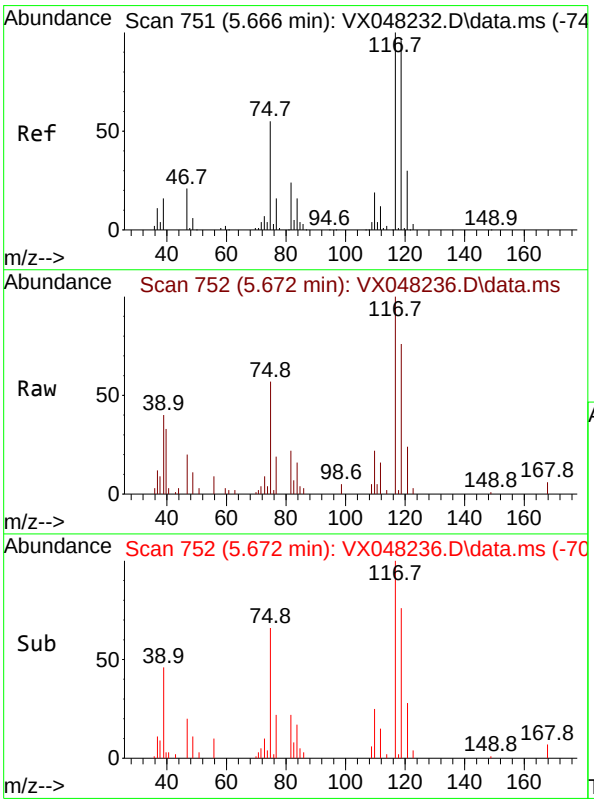
Supervised By :Semsettin Yesilyurt 10/21/2025

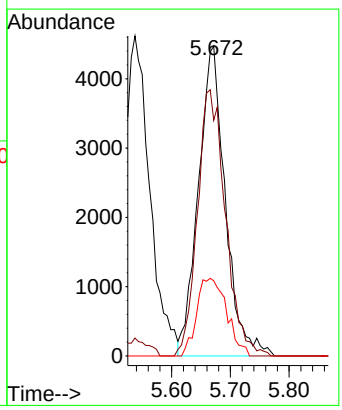


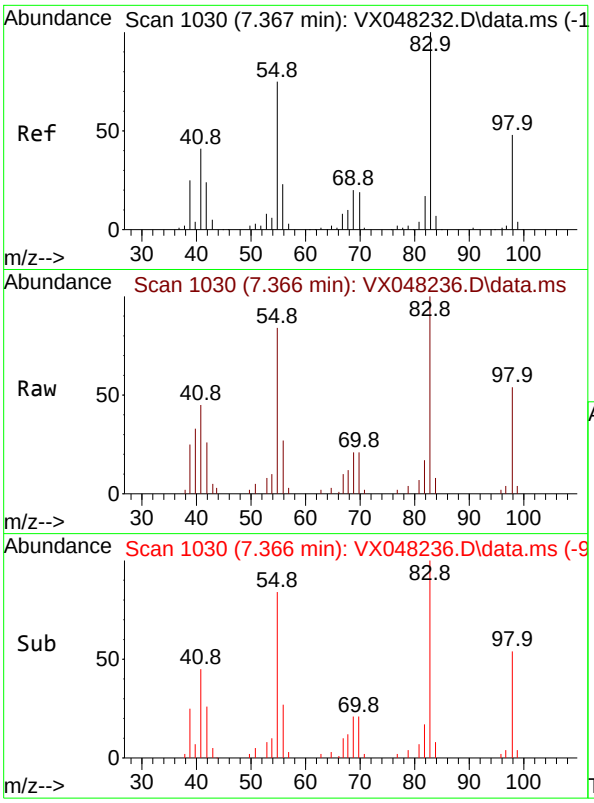


#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 14225

Ion	Ratio	Lower	Upper
117	100		
119	76.0	77.2	115.8#
121	24.3	24.8	37.2#

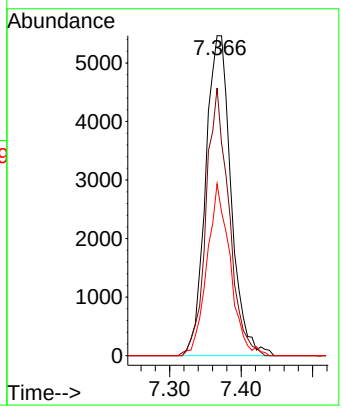




#39
Methylcyclohexane
Concen: 5.318 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1349

Ion	Ratio	Lower	Upper
83	100		
55	83.6	66.2	99.2
98	53.8	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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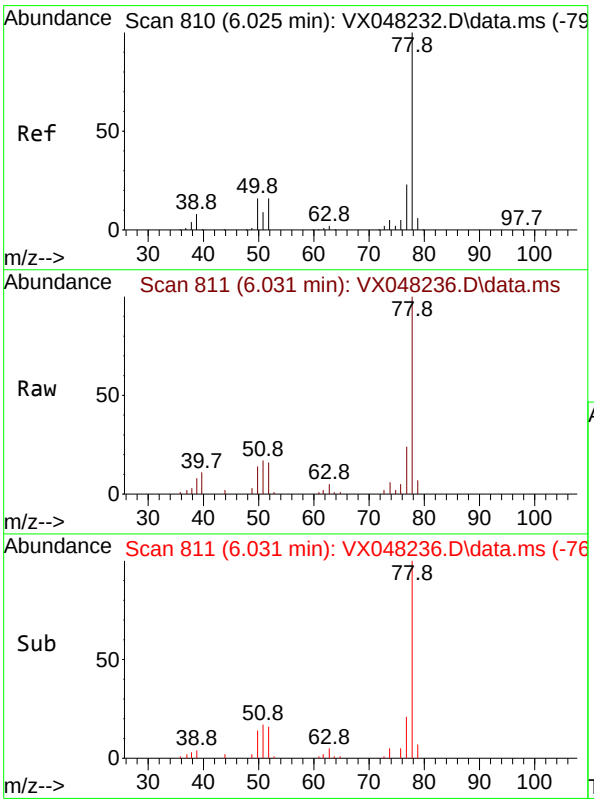
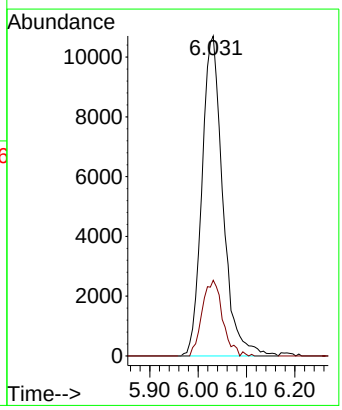
Supervised By :Semsettin Yesilyurt 10/21/2025

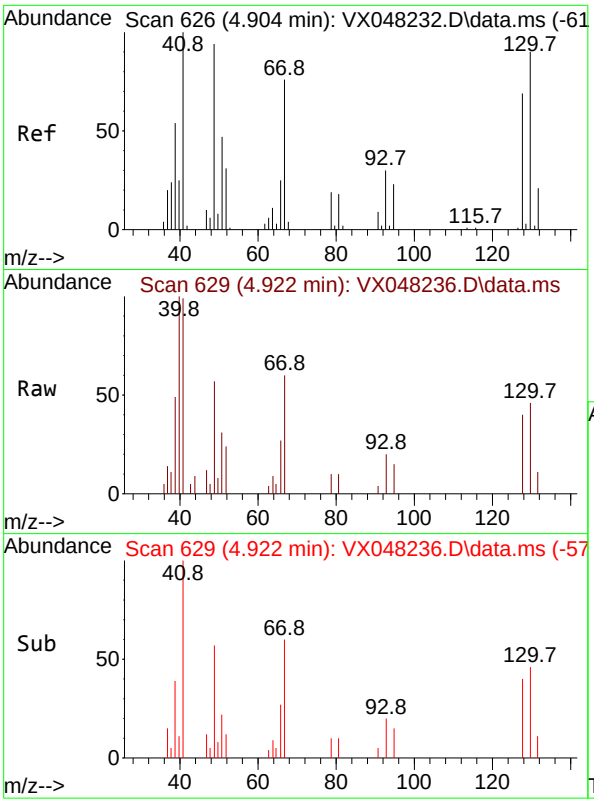


#40
Benzene
Concen: 5.103 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 78 Resp: 32115

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

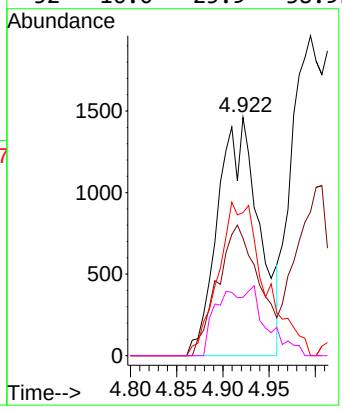




#41
Methacrylonitrile
Concen: 4.817 ug/l m
RT: 4.922 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 453

Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.0	66.0
67	72.8	58.7	88.1
52	16.0	25.9	38.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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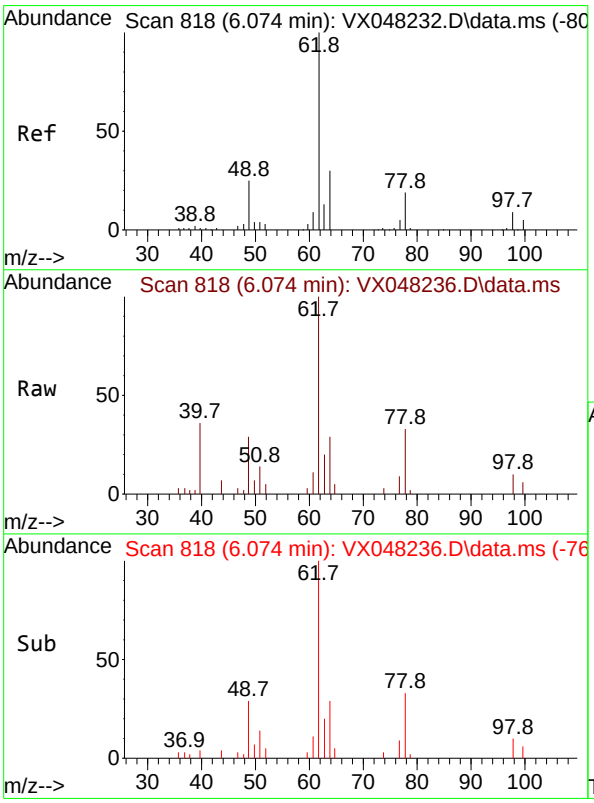
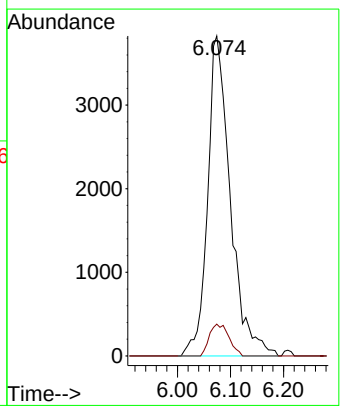
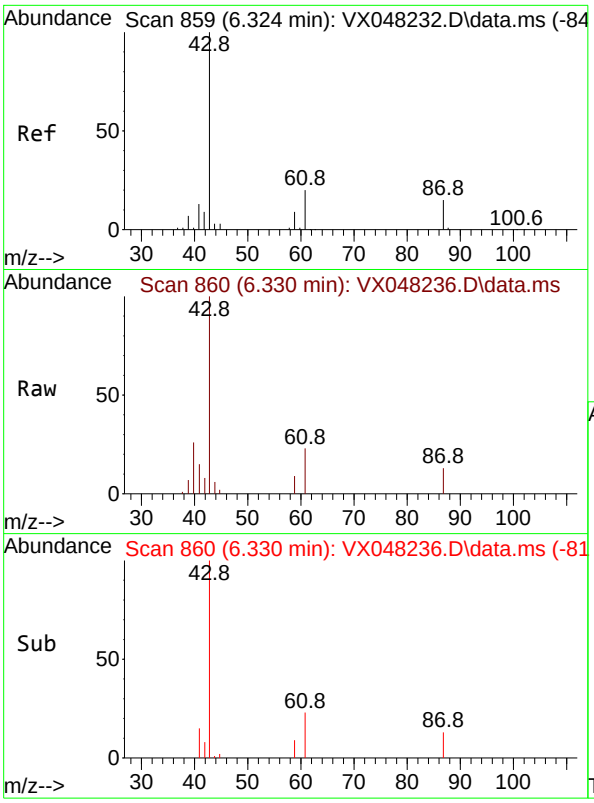


#42
1,2-Dichloroethane
Concen: 4.870 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43
Isopropyl Acetate
Concen: 4.656 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 1399

Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.9	22.3
87	14.0	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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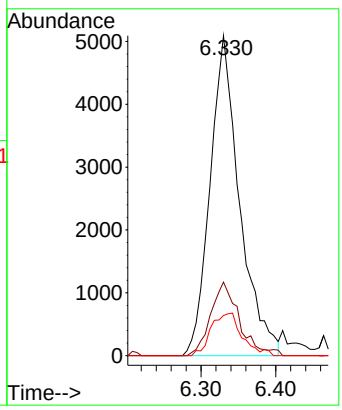
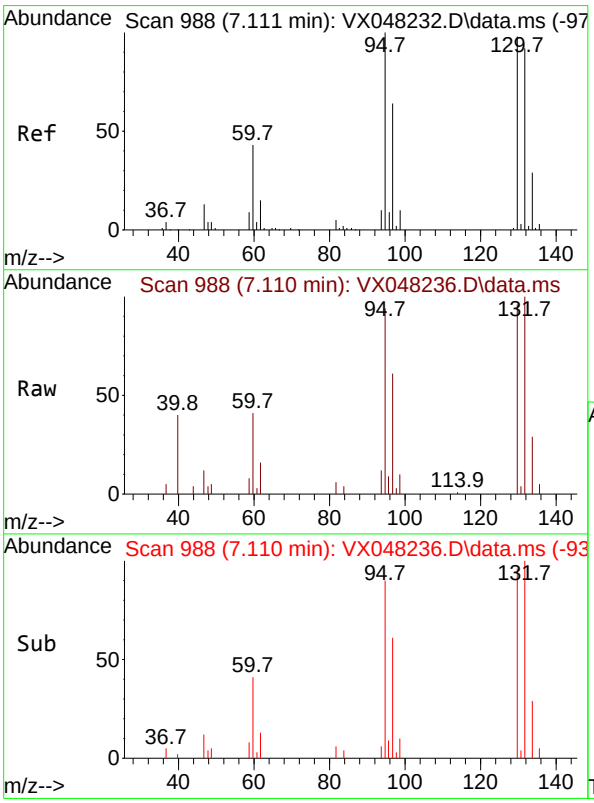
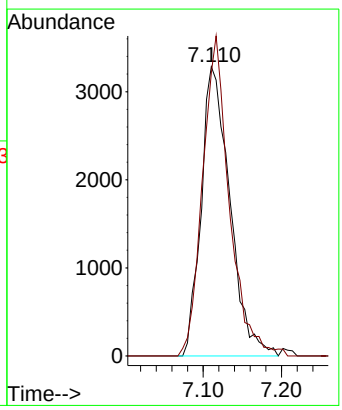


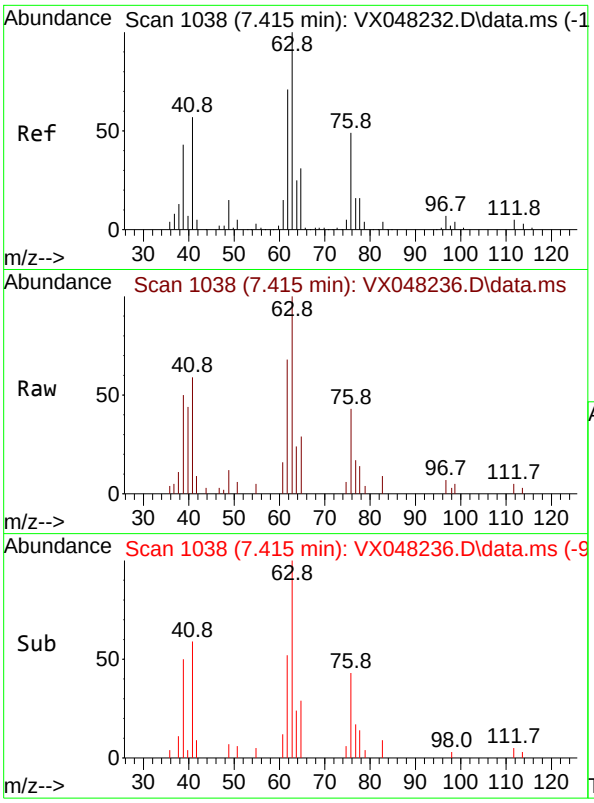


#44
Trichloroethene
Concen: 5.009 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	200.6





#45
1,2-Dichloropropane
Concen: 5.129 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 770

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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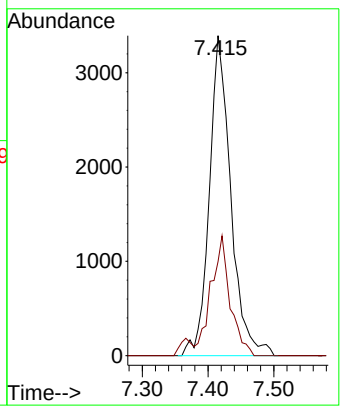
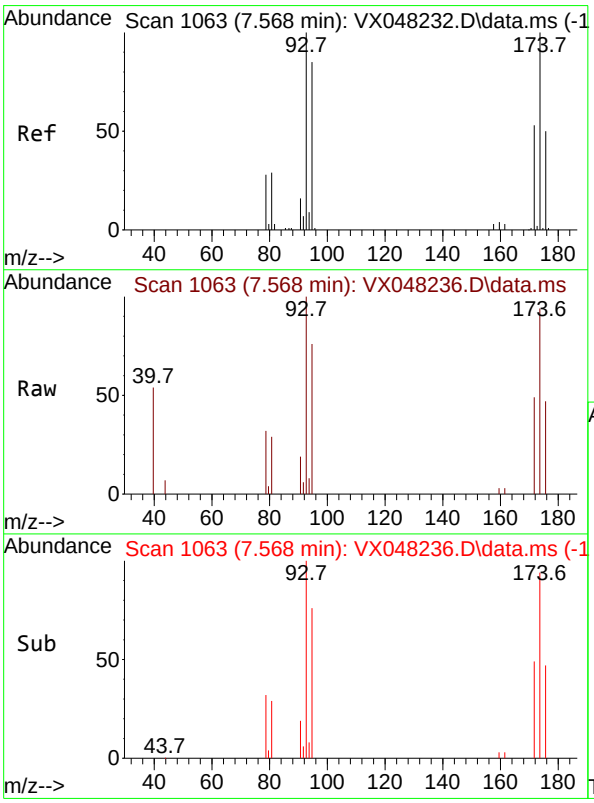
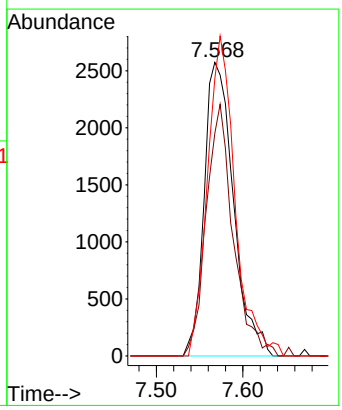


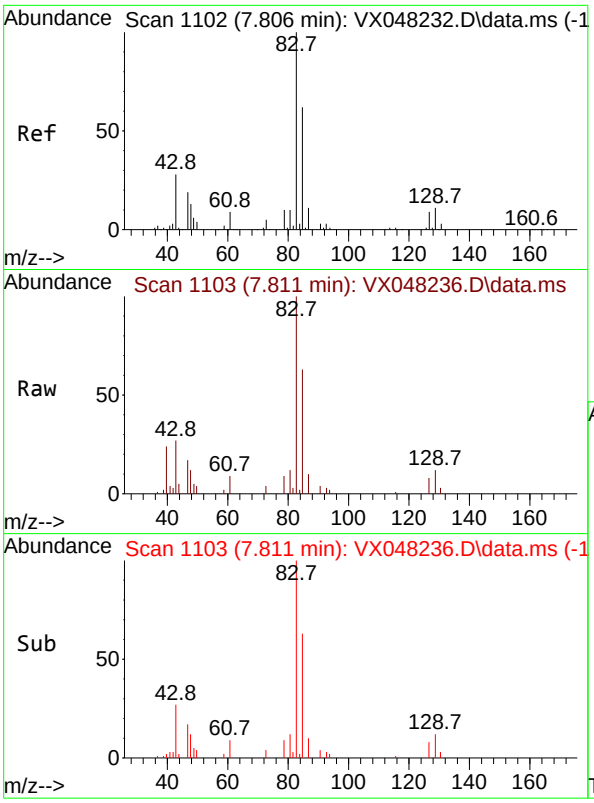


#46
Dibromomethane
Concen: 5.181 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 93 Resp: 6041

Ion	Ratio	Lower	Upper
93	100		
95	79.0	65.9	98.9
174	103.1	71.7	107.5

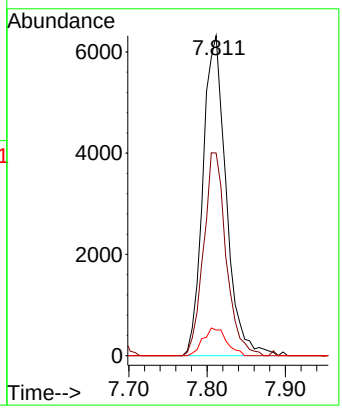




#47
Bromodichloromethane
Concen: 5.126 ug/l
RT: 7.811 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1297

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	8.0	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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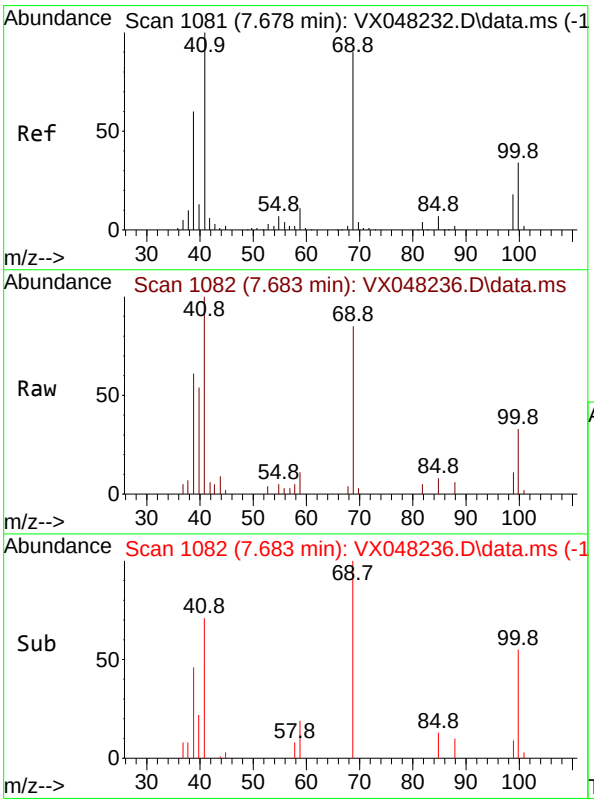
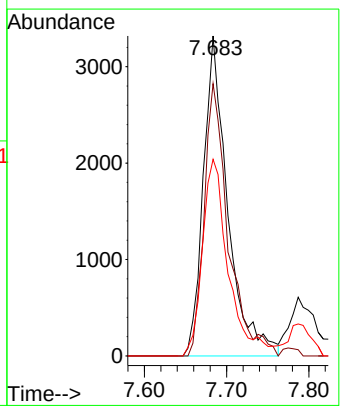
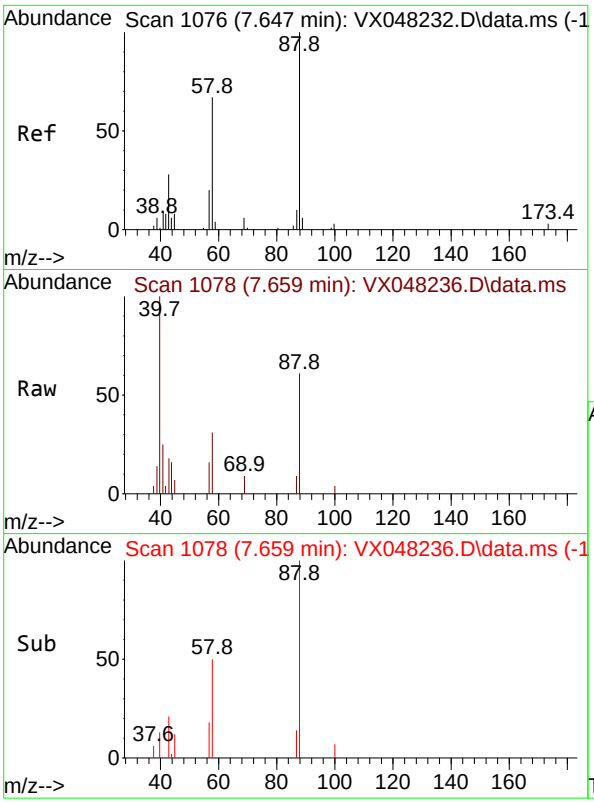


#48
Methyl methacrylate
Concen: 4.542 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 6863

Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.4	95.0
39	64.8	47.1	70.7

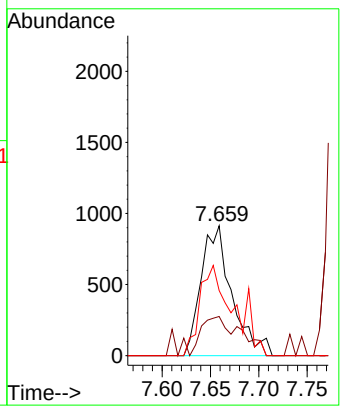




#49
1,4-Dioxane
Concen: 103.402 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 88 Resp: 202

Ion	Ratio	Lower	Upper
88	100		
43	38.4	35.0	52.4
58	76.8	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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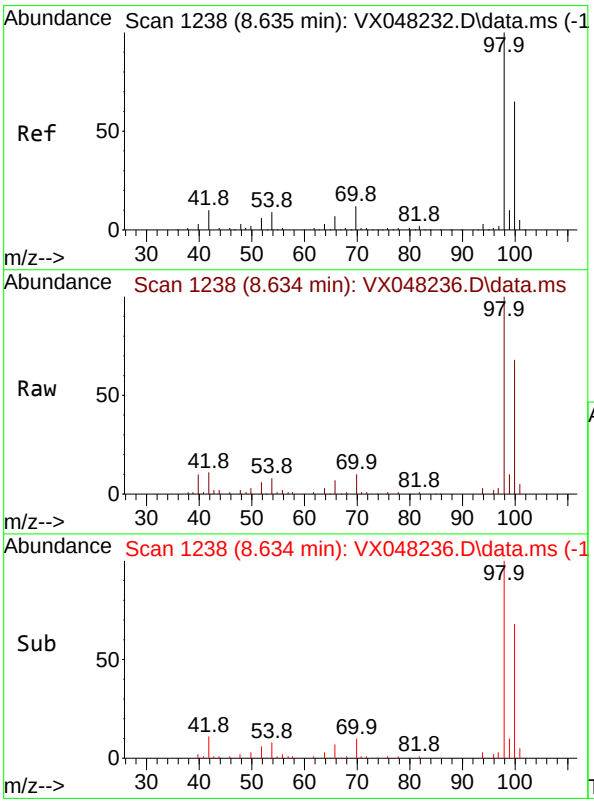
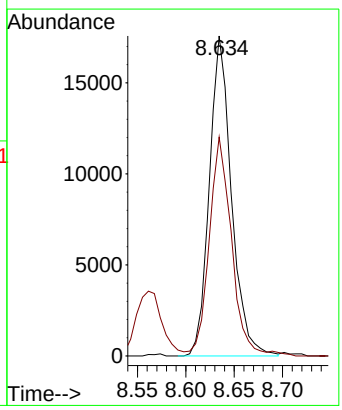
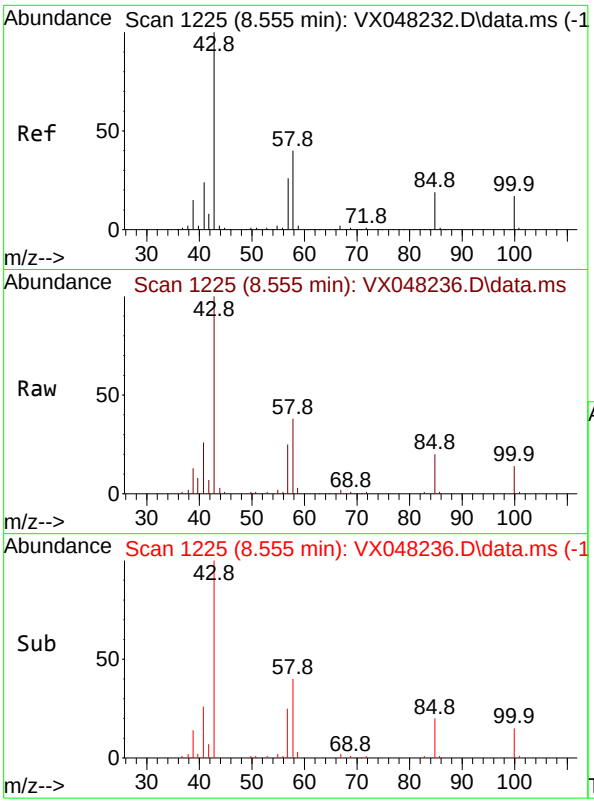


#50
Toluene-d8
Concen: 3.999 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 98 Resp: 27914

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 24.936 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 4272

Ion	Ratio	Lower	Upper
43	100		
58	38.7	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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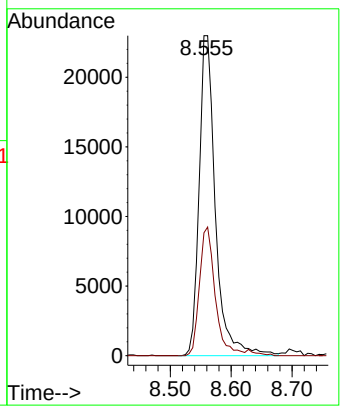
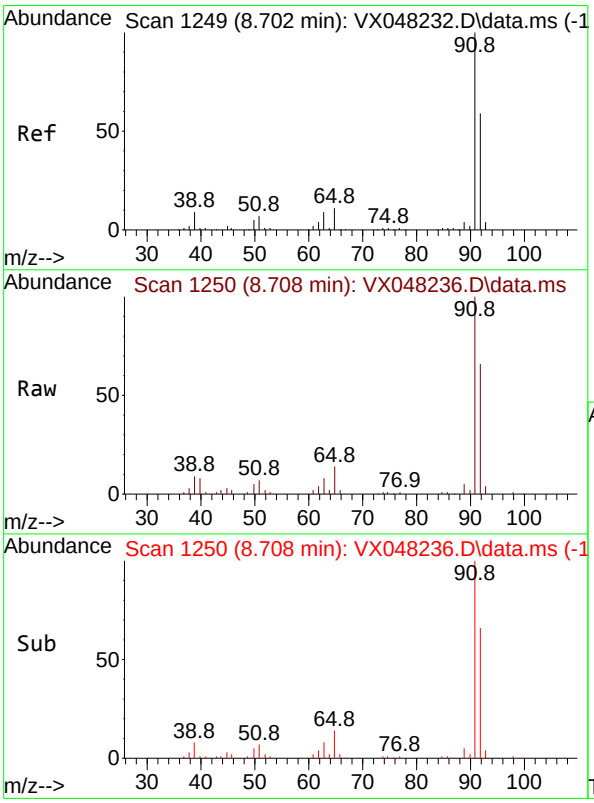
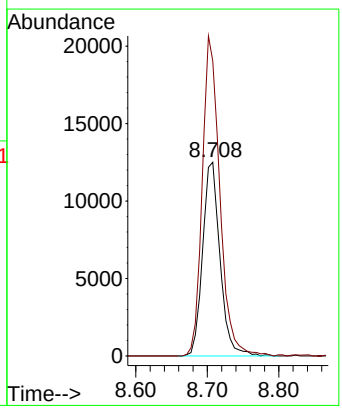


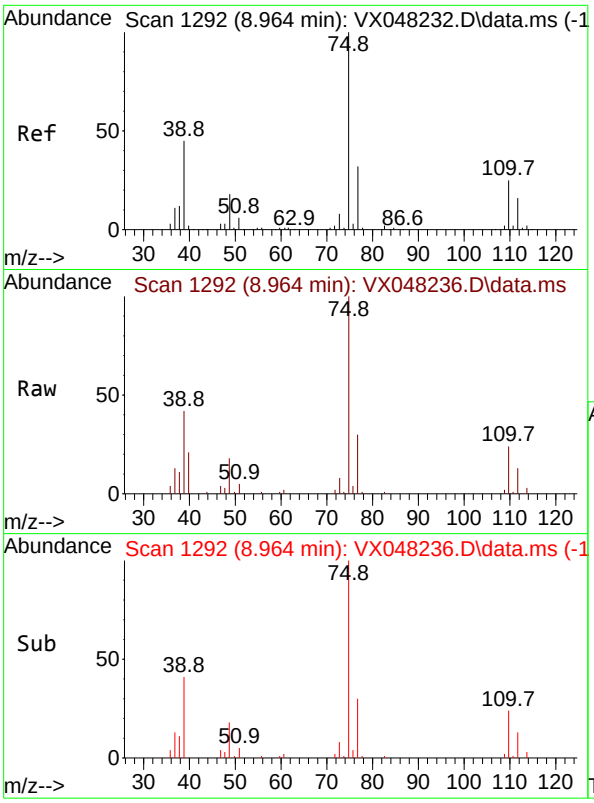


#52
Toluene
Concen: 5.296 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137

Ion	Ratio	Lower	Upper
92	100		
91	166.2	136.1	204.1

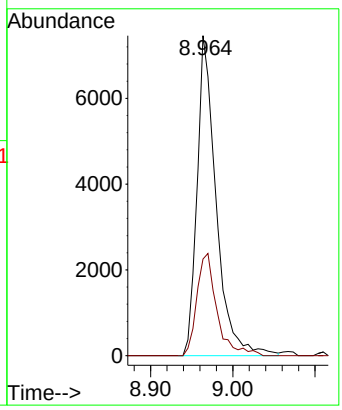




#53
t-1,3-Dichloropropene
Concen: 4.914 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1201

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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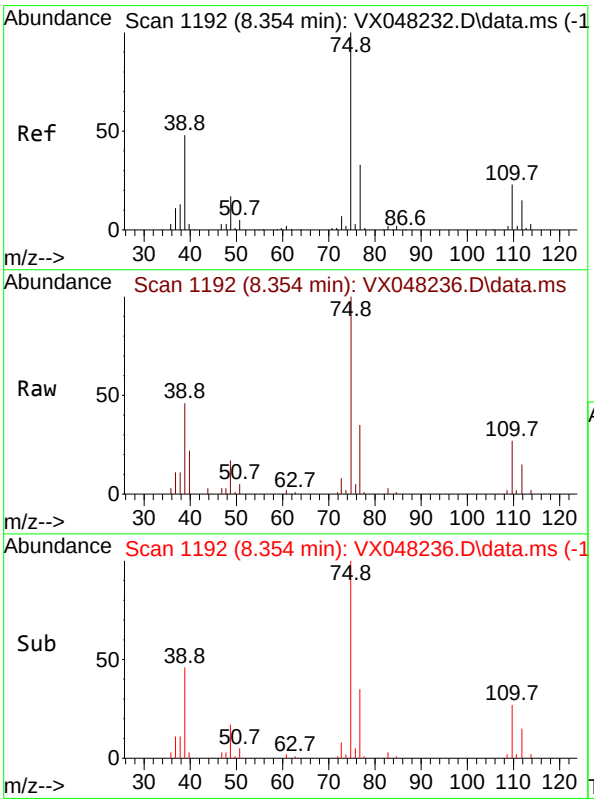
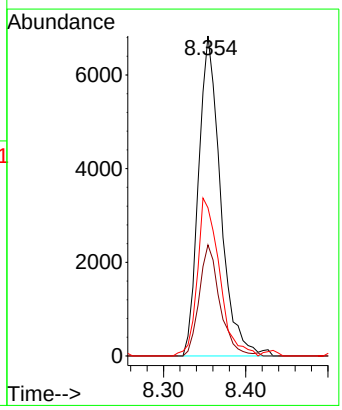
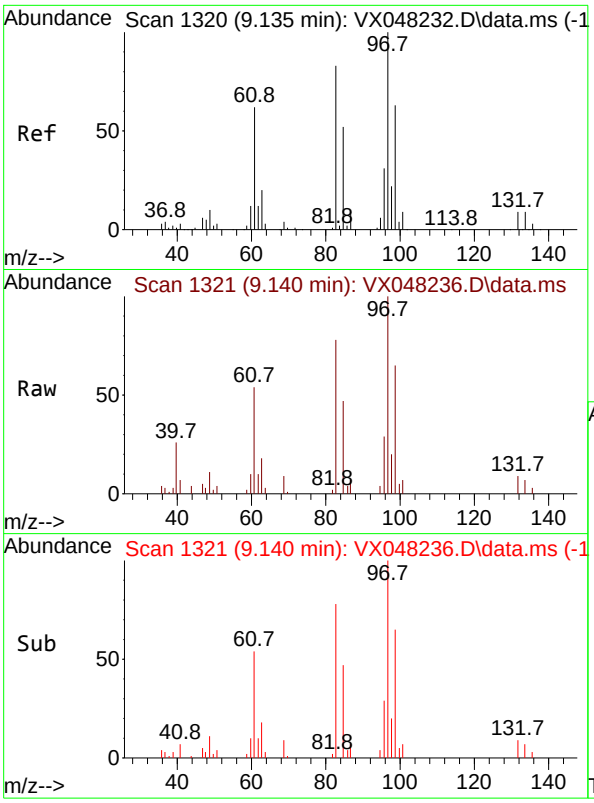


#54
cis-1,3-Dichloropropene
Concen: 4.820 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 12702

Ion	Ratio	Lower	Upper
75	100		
77	35.7	24.9	37.3
39	45.3	42.6	64.0

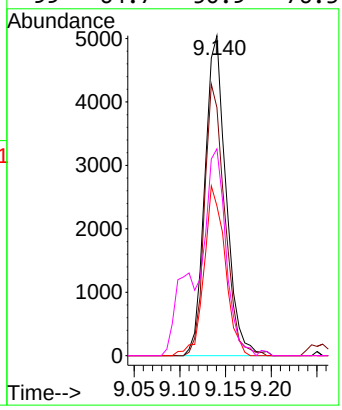




#55
1,1,2-Trichloroethane
Concen: 5.453 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 811

Ion	Ratio	Lower	Upper
97	100		
83	77.5	70.6	105.8
85	46.8	45.0	67.6
99	64.7	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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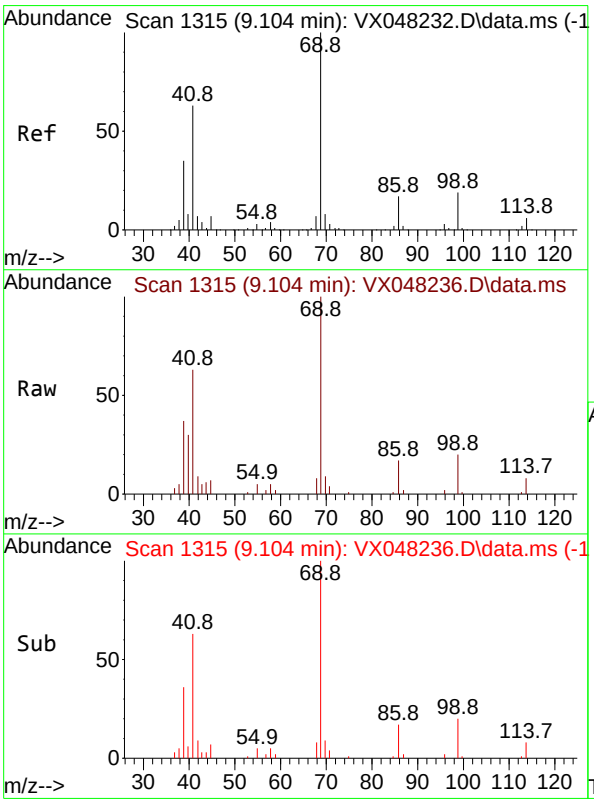
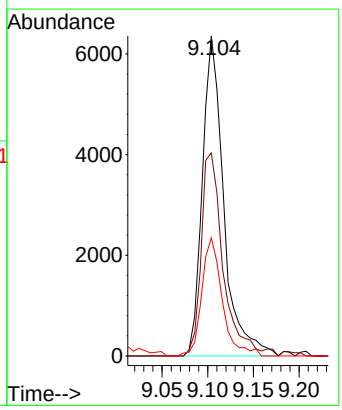
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

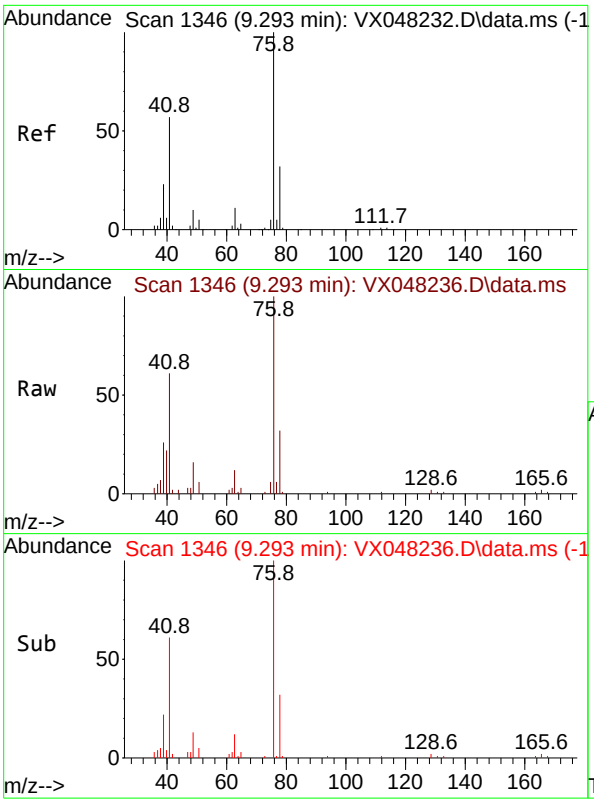


#56
Ethyl methacrylate
Concen: 4.713 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 69 Resp: 10320

Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.0	84.0
39	35.3	31.6	47.4





#57
1,3-Dichloropropane
Concen: 5.112 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 76 Resp: 1308

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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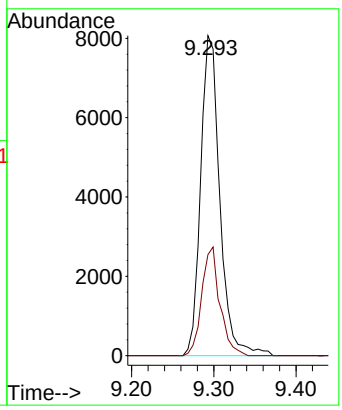
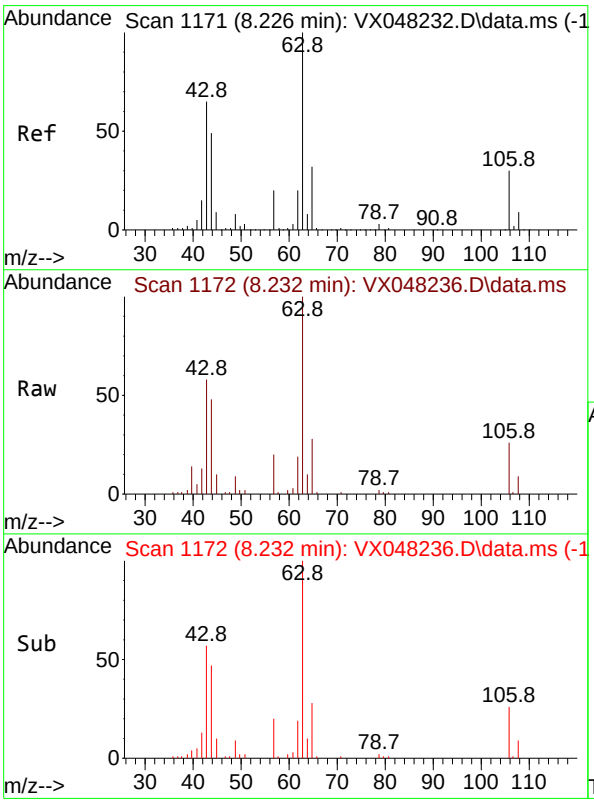
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

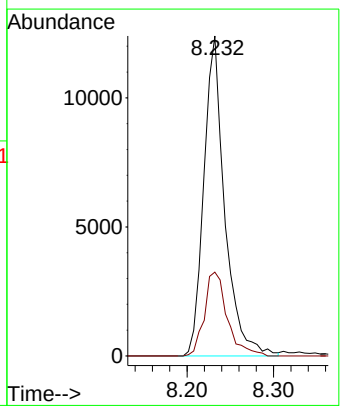


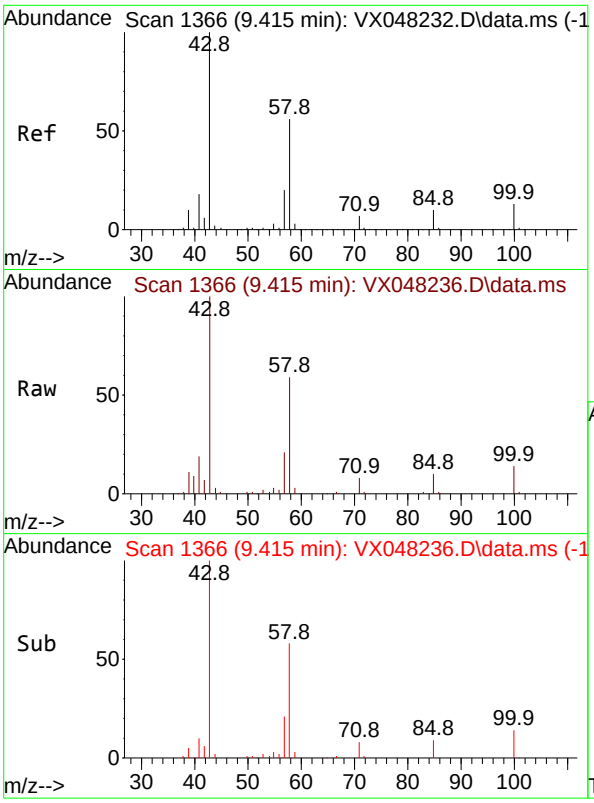


#58
2-Chloroethyl Vinyl ether
Concen: 19.525 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 20764

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.2	33.2





#59
2-Hexanone
Concen: 25.896 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 3094

Ion	Ratio	Lower	Upper
43	100		
58	55.4	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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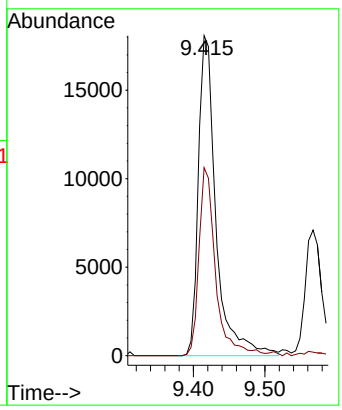
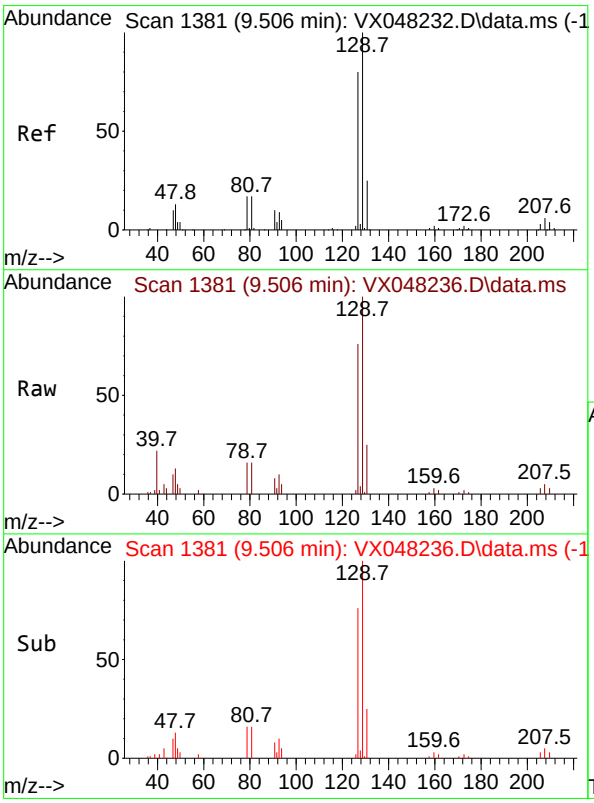
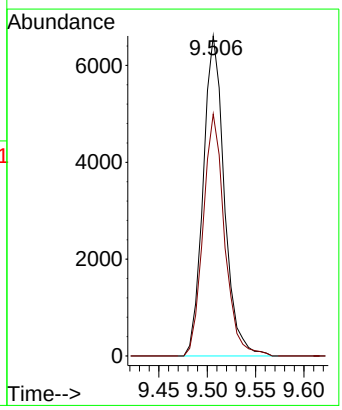


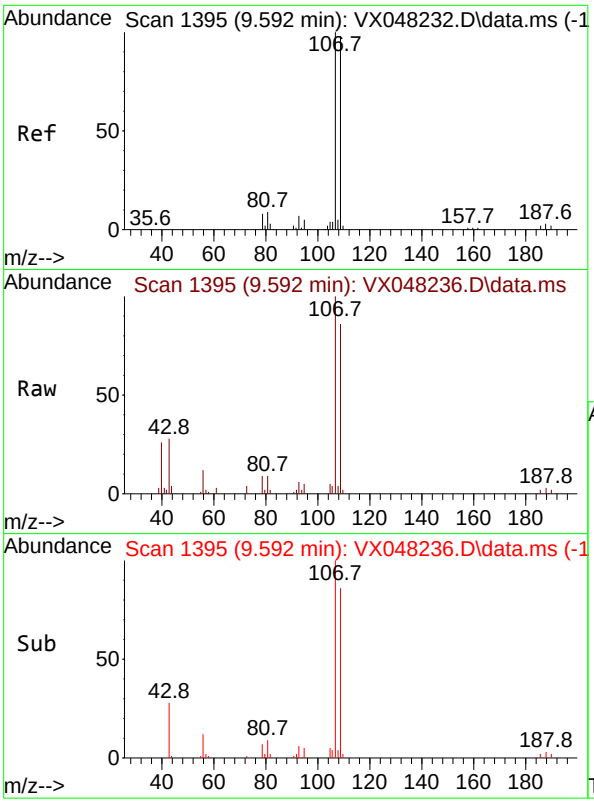


#60
Dibromochloromethane
Concen: 5.028 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:129 Resp: 10082

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.7





#61
1,2-Dibromoethane
Concen: 5.075 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:107 Resp: 807

Ion	Ratio	Lower	Upper
107	100		
109	96.3	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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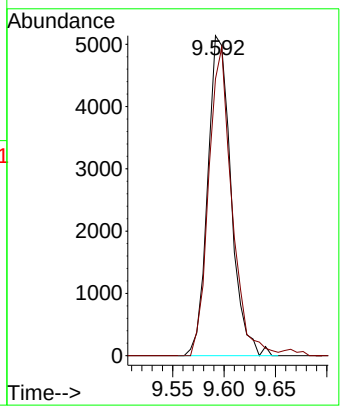
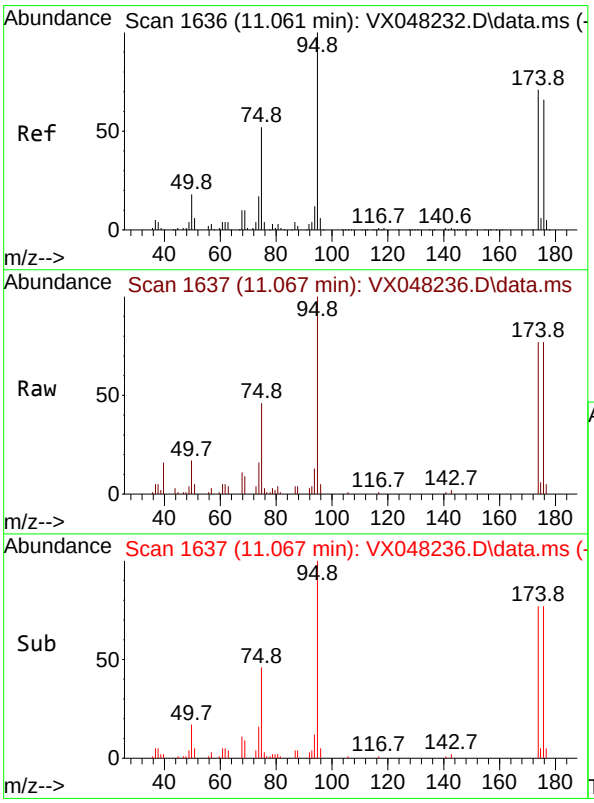
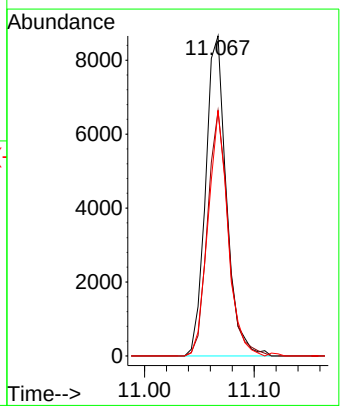


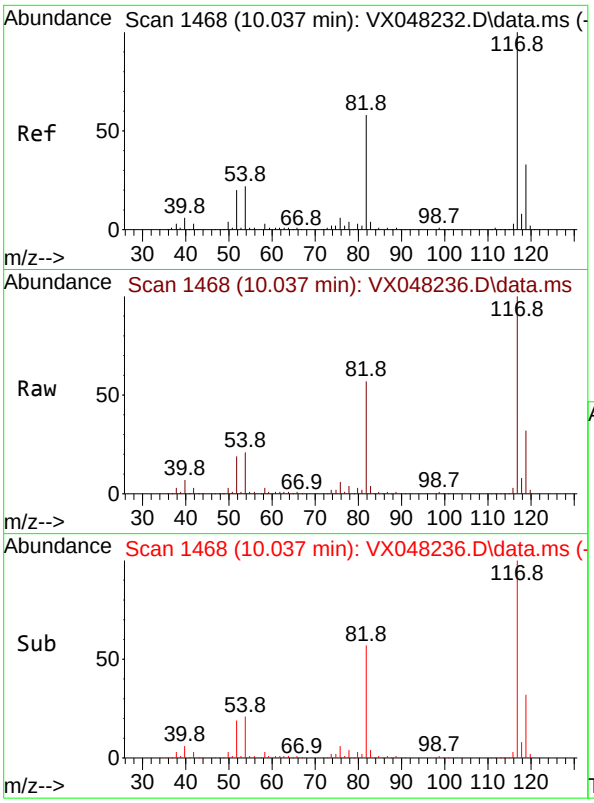


#62
4-Bromofluorobenzene
Concen: 4.042 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 95 Resp: 11429

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	147.8
176	73.4	0.0	142.8

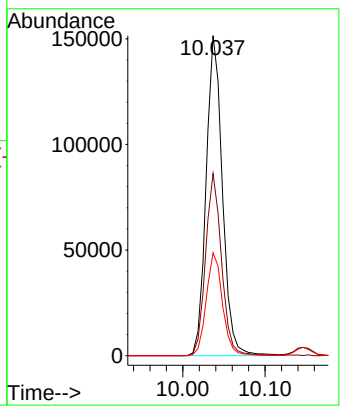




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 20848

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.5	69.7
119	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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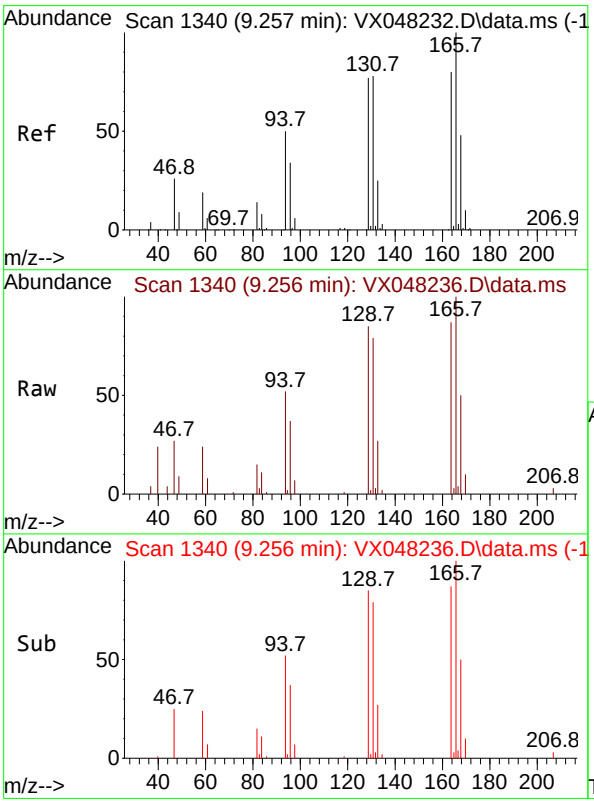
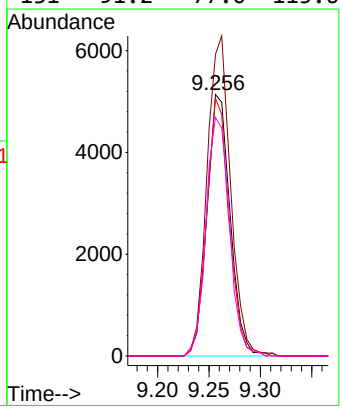
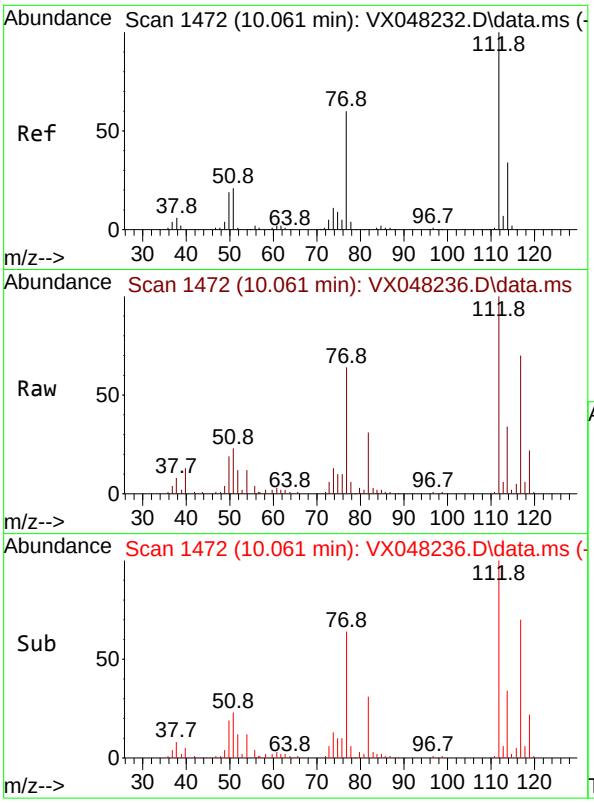


#64
Tetrachloroethene
Concen: 5.341 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020

Ion	Ratio	Lower	Upper
164	100		
166	115.3	104.5	156.7
129	98.6	81.8	122.6
131	91.2	77.0	115.6





#65
Chlorobenzene
Concen: 5.236 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:112 Resp: 2387

Ion	Ratio	Lower	Upper
112	100		
114	34.2	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 10/21/2025
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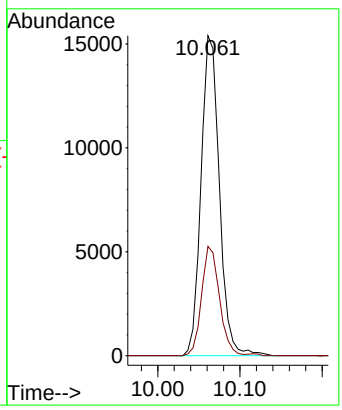
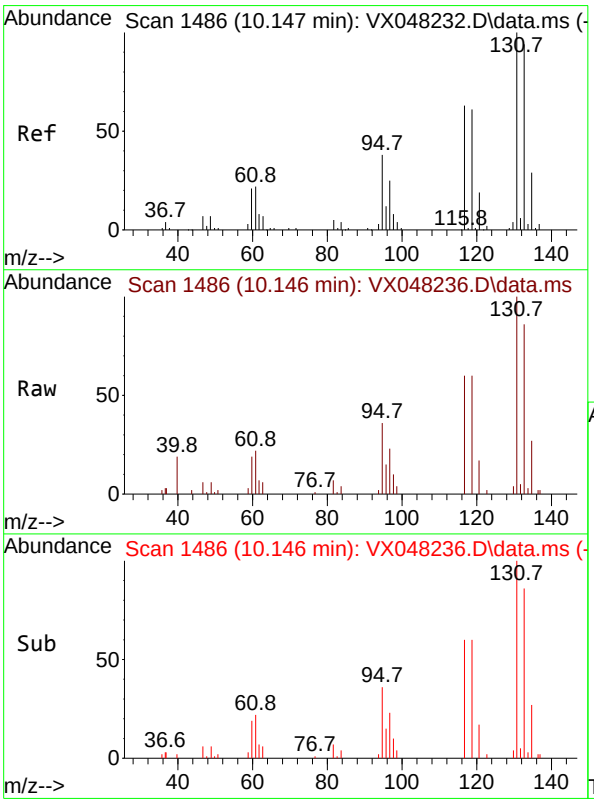
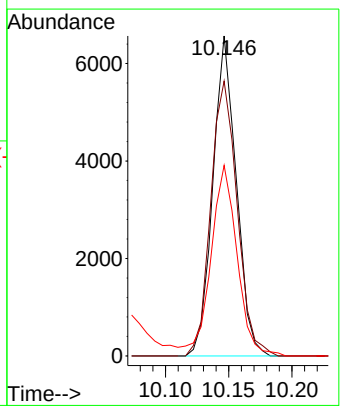


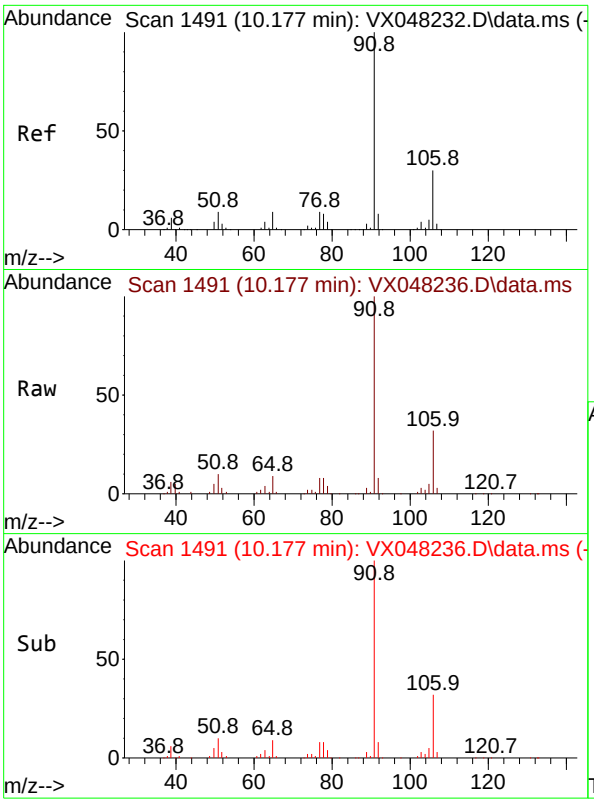


#66
1,1,1,2-Tetrachloroethane
Concen: 5.012 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:131 Resp: 8450

Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.6	142.8
119	66.7	32.5	97.5





#67
Ethyl Benzene
Concen: 5.044 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 3912

Ion	Ratio	Lower	Upper
91	100		
106	32.1	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/21/2025
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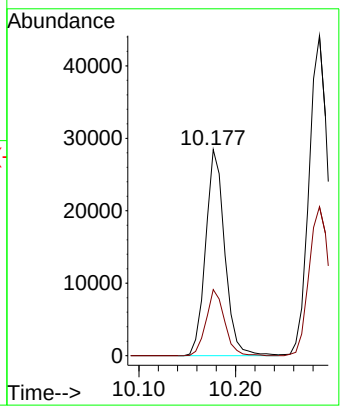
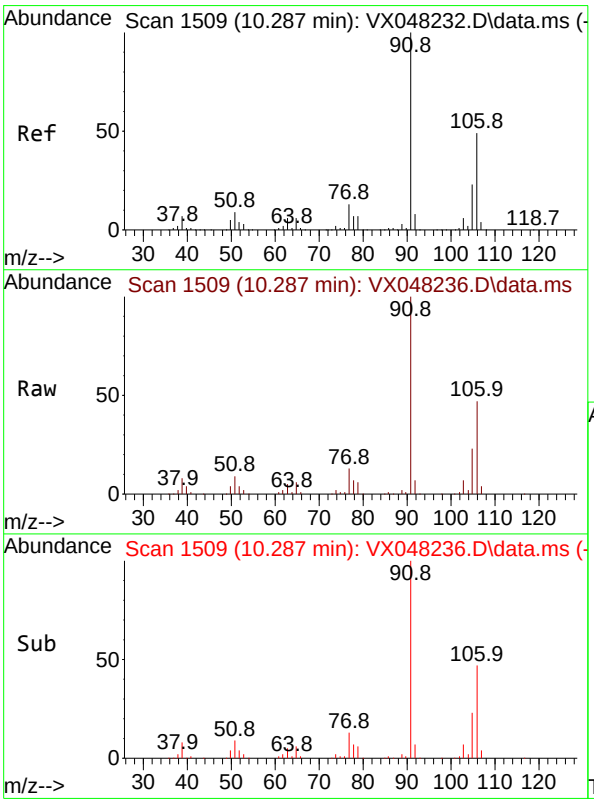
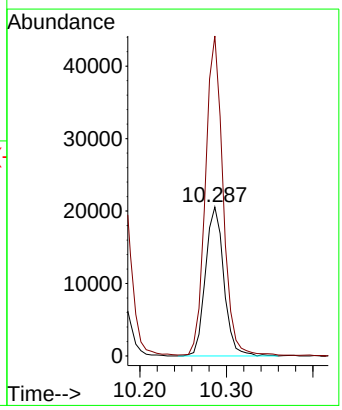


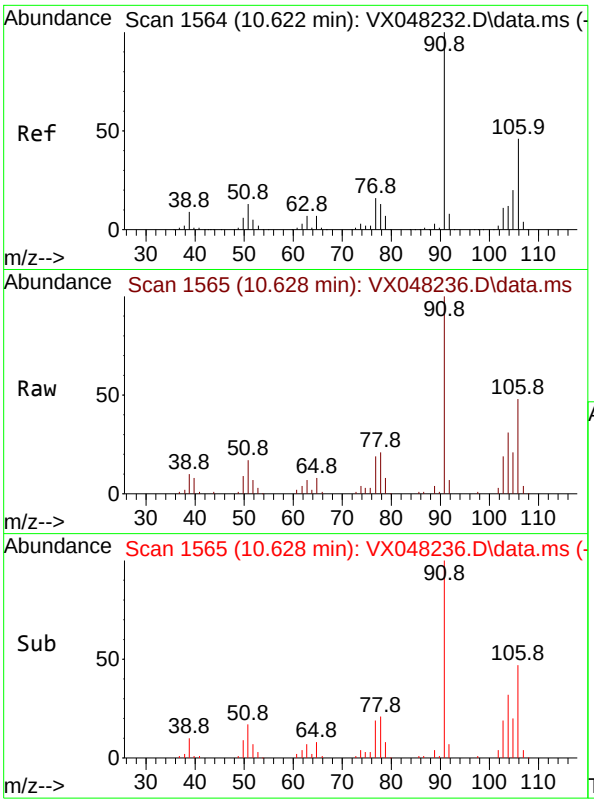


#68
m/p-Xylenes
Concen: 10.586 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 30310

Ion	Ratio	Lower	Upper
106	100		
91	205.7	167.9	251.9

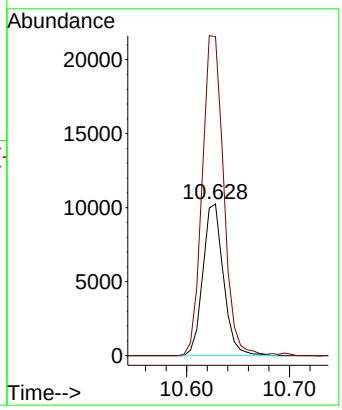




#69
o-Xylene
Concen: 5.128 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 1426

Ion	Ratio	Lower	Upper
106	100		
91	219.6	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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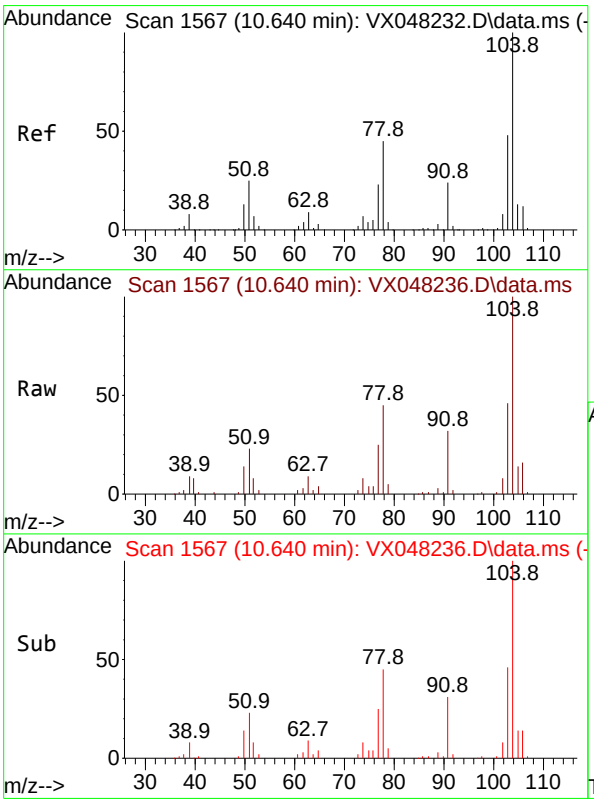
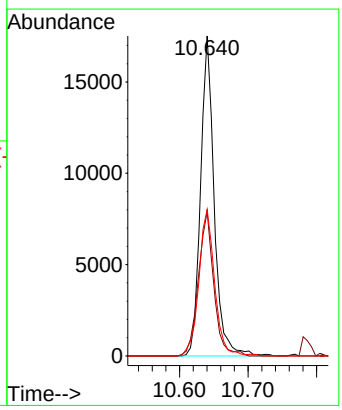
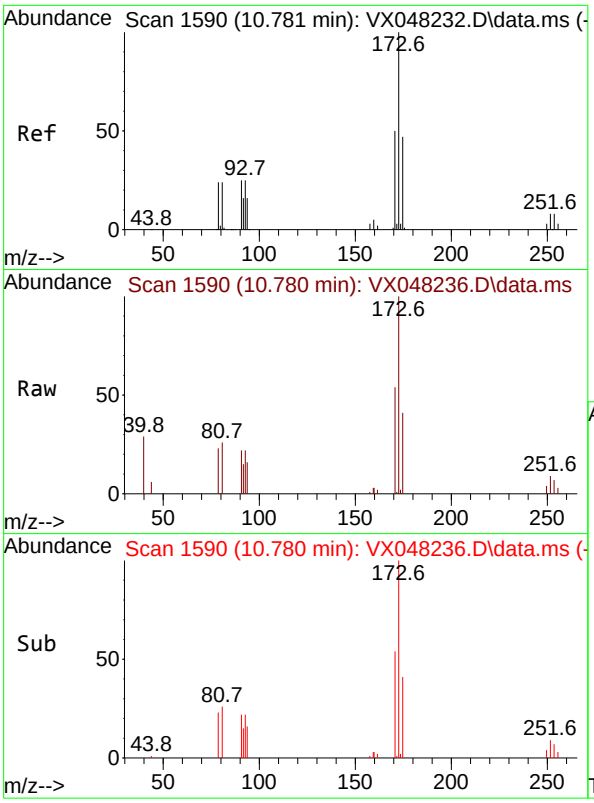


#70
Styrene
Concen: 5.138 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:104 Resp: 24289

Ion	Ratio	Lower	Upper
104	100		
78	51.1	42.2	63.4
103	53.2	43.0	64.4

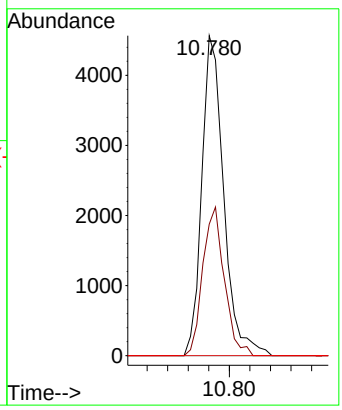




#71
Bromoform
Concen: 5.031 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:173 Resp: 676

Ion	Ratio	Lower	Upper
173	100		
175	45.6	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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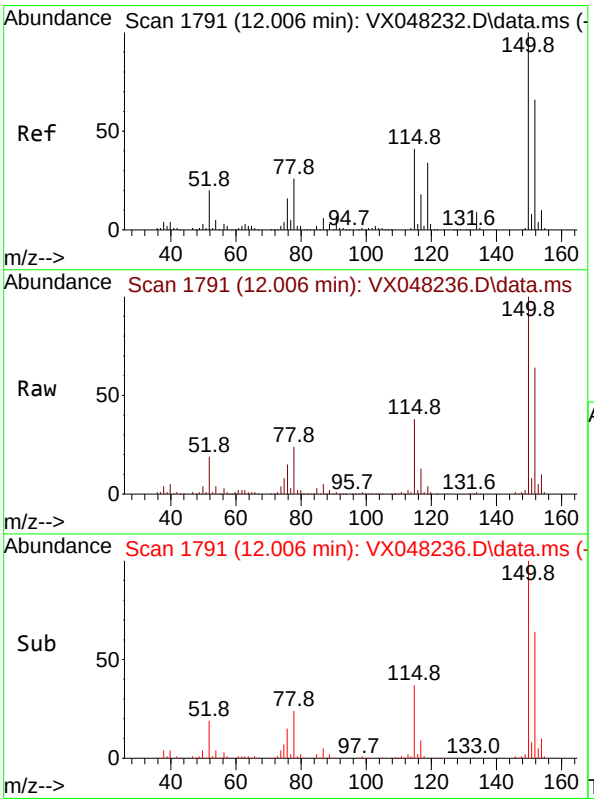
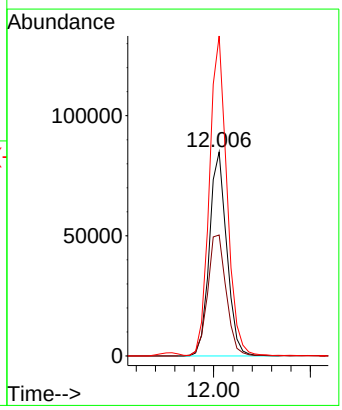
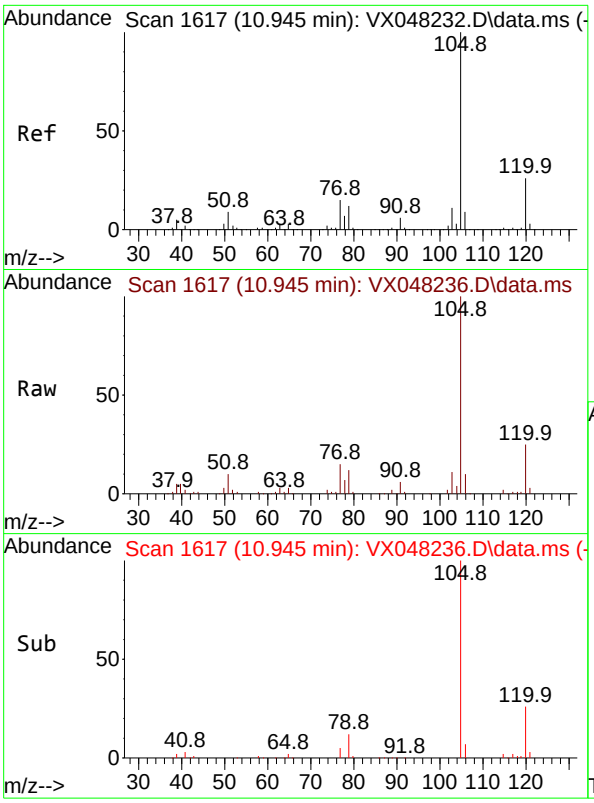


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:152 Resp: 105998

Ion	Ratio	Lower	Upper
152	100		
115	63.9	43.1	129.4
150	157.2	0.0	353.0

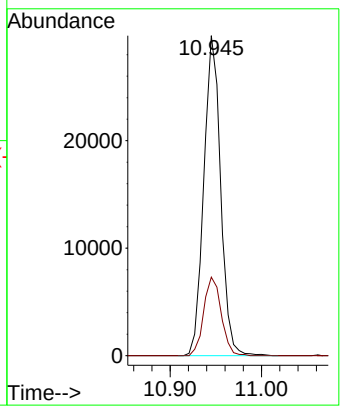




#73
Isopropylbenzene
Concen: 5.082 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 3793

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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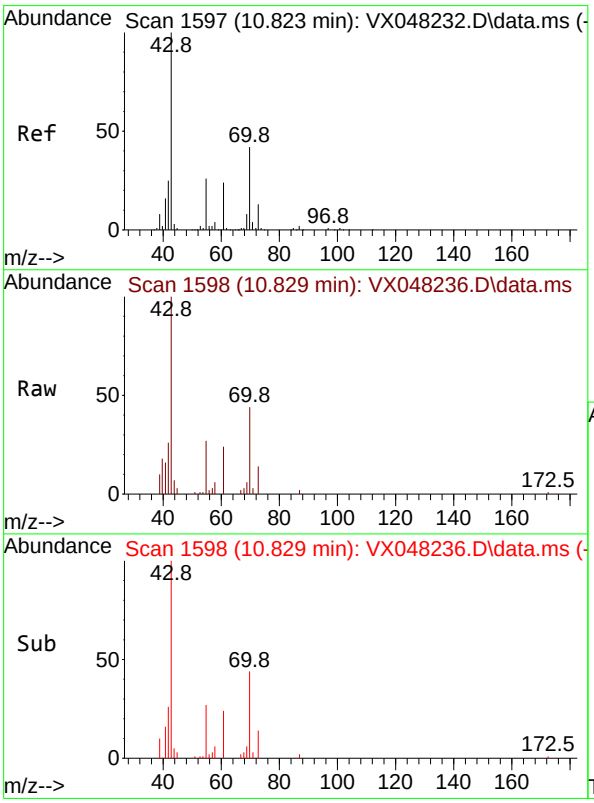
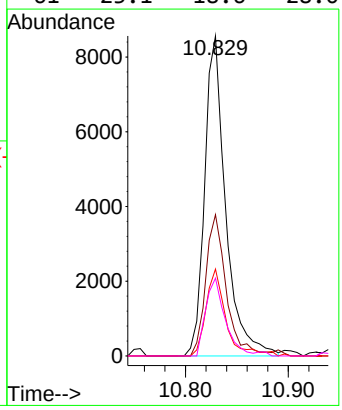
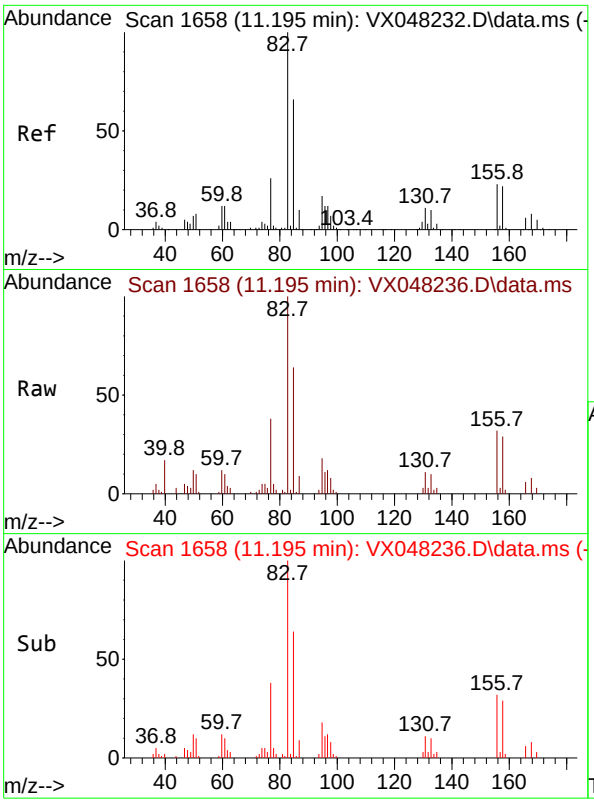


#74
N-amyl acetate
Concen: 4.544 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188

Ion	Ratio	Lower	Upper
43	100		
70	43.3	32.2	48.2
55	25.7	19.1	28.7
61	23.1	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 1032

Ion	Ratio	Lower	Upper
83	100		
131	11.5	4.8	14.4
85	65.0	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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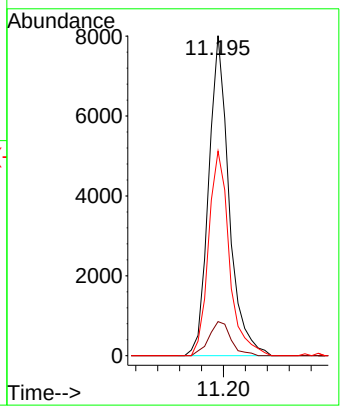
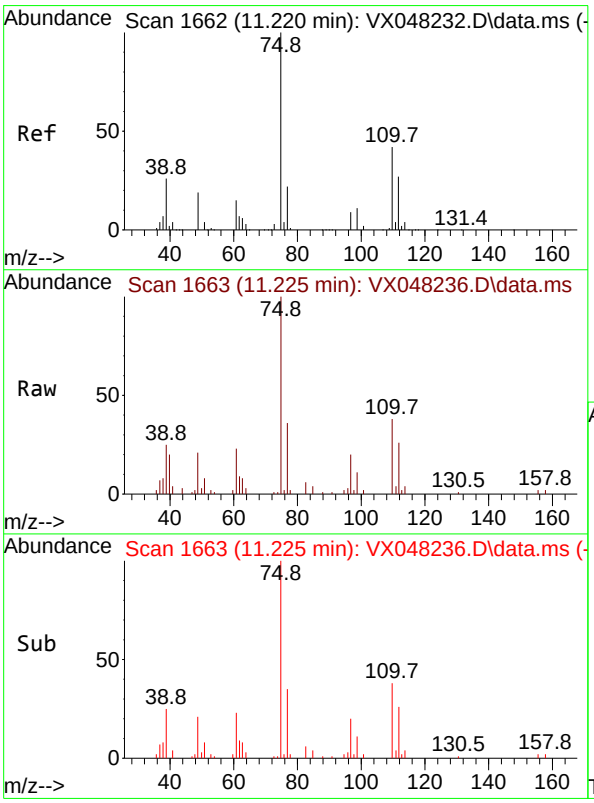
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

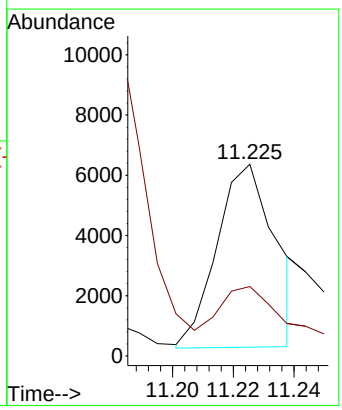


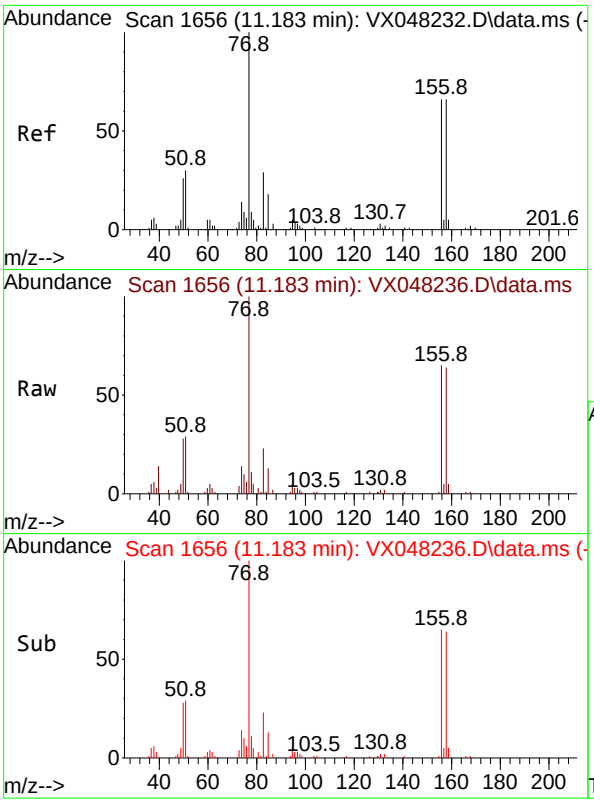


#76
1,2,3-Trichloropropane
Concen: 4.889 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 8134

Ion	Ratio	Lower	Upper
75	100		
77	49.3	22.4	67.2





#77
Bromobenzene
Concen: 5.027 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:156 Resp: 950

Ion	Ratio	Lower	Upper
156	100		
77	162.1	87.0	261.0
158	96.5	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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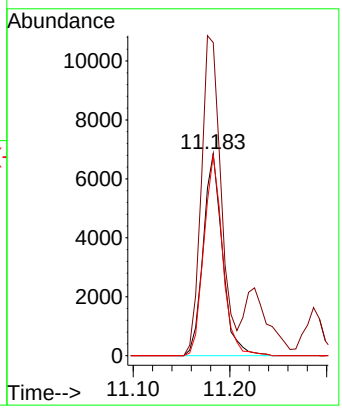
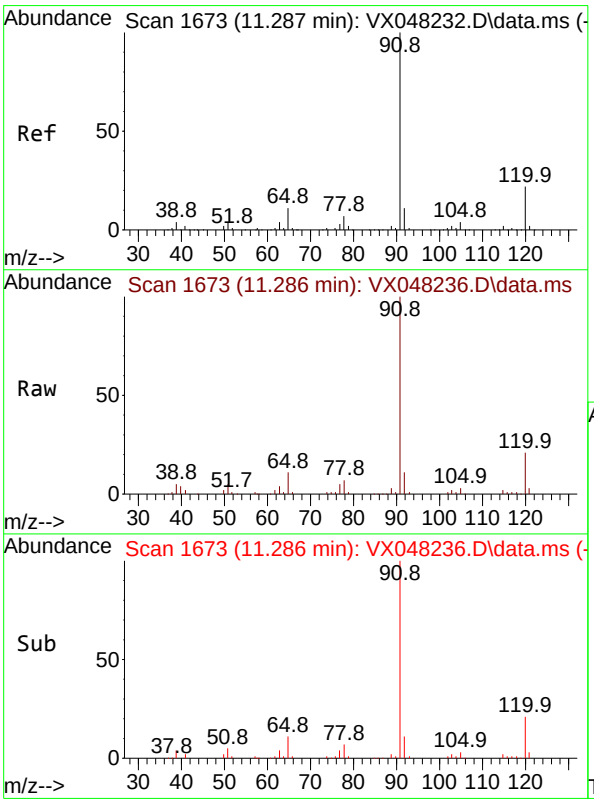
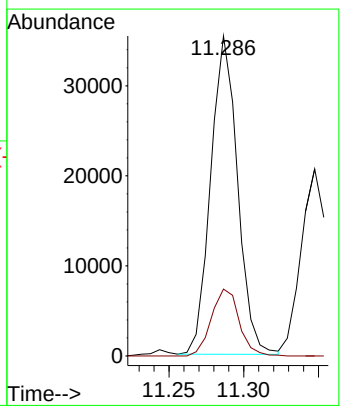


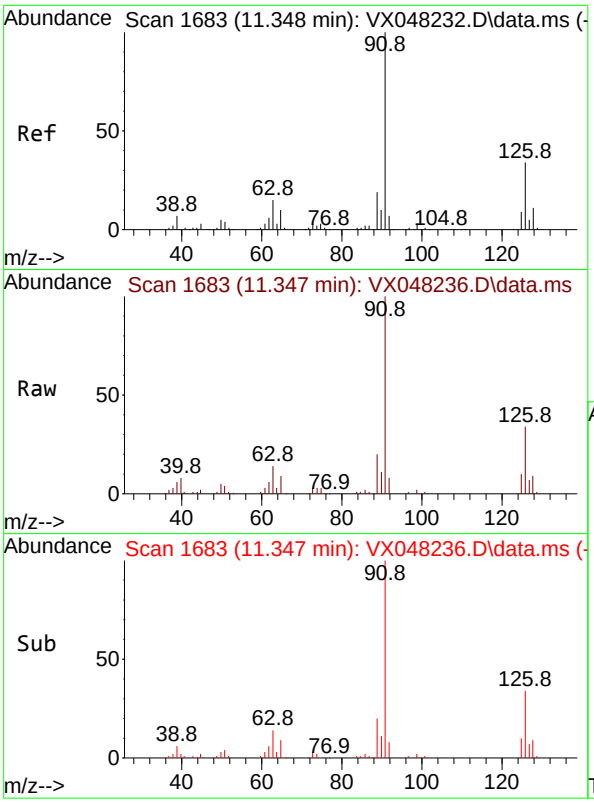


#78
n-propylbenzene
Concen: 5.097 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 44189

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.1	33.1





#79
2-Chlorotoluene
Concen: 5.032 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 2662

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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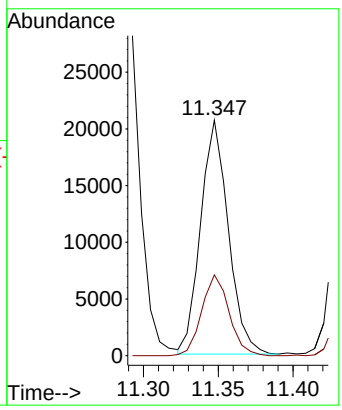
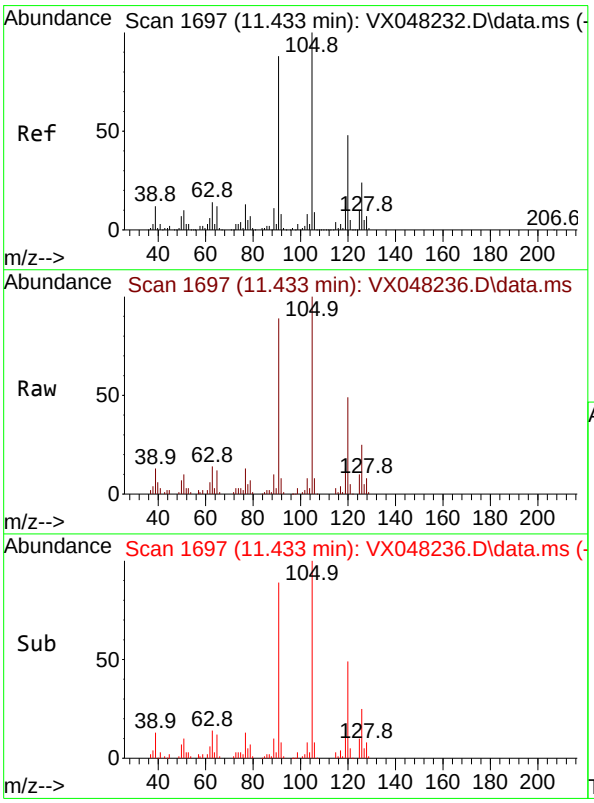
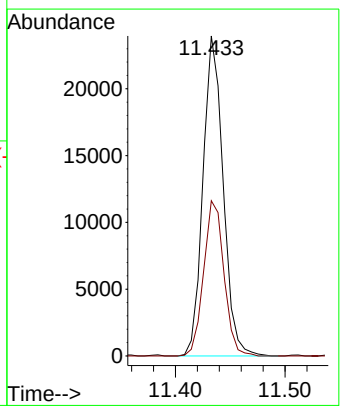


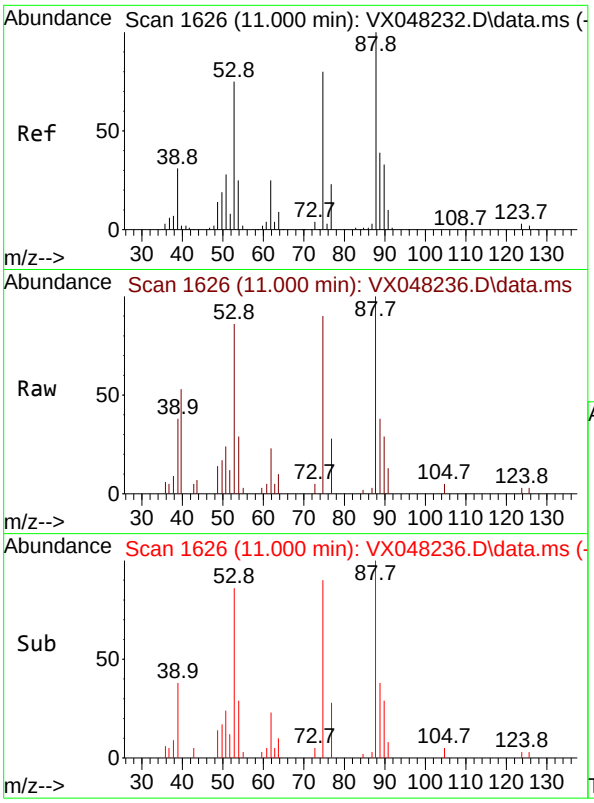


#80
1,3,5-Trimethylbenzene
Concen: 4.910 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 30618

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.387 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 303

Ion	Ratio	Lower	Upper
75	100		
53	103.8	79.5	119.3
89	49.0	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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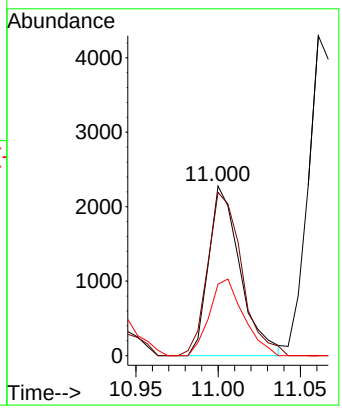
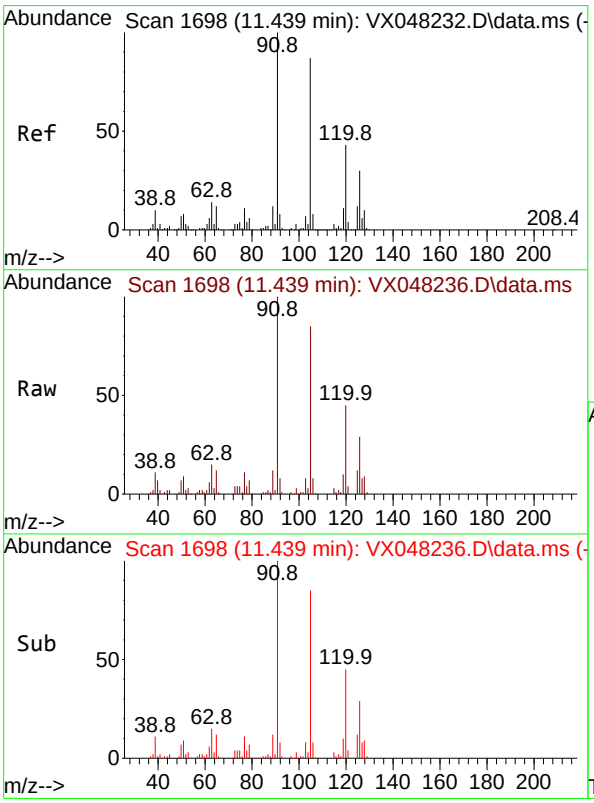
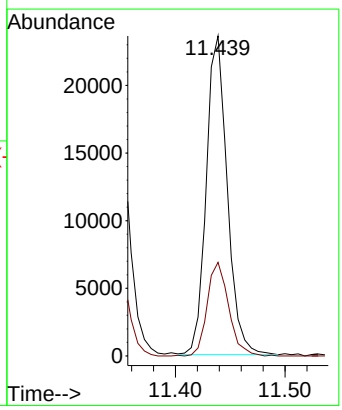


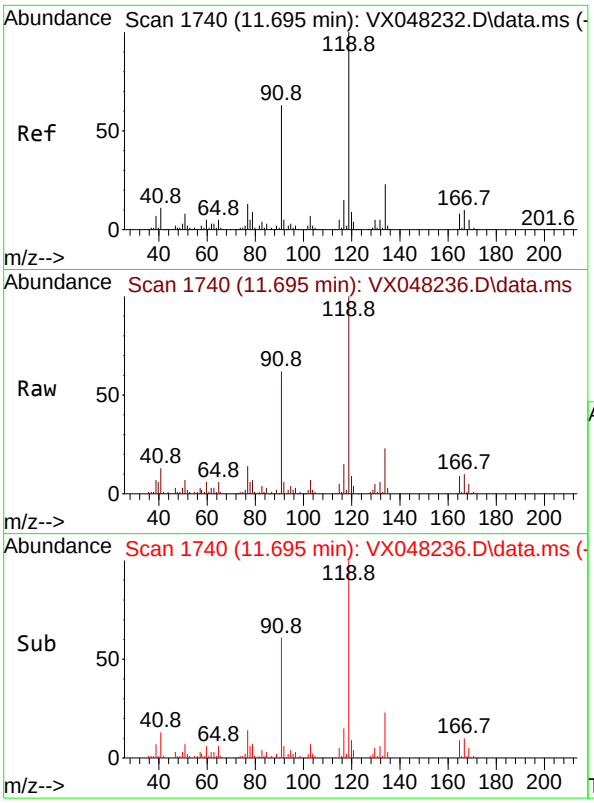


#82
4-Chlorotoluene
Concen: 5.017 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357

Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.1	42.4

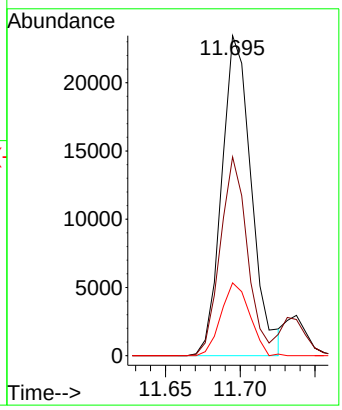




#83
tert-Butylbenzene
Concen: 5.086 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 3229

Ion	Ratio	Lower	Upper
119	100		
91	56.8	30.3	91.0
134	22.0	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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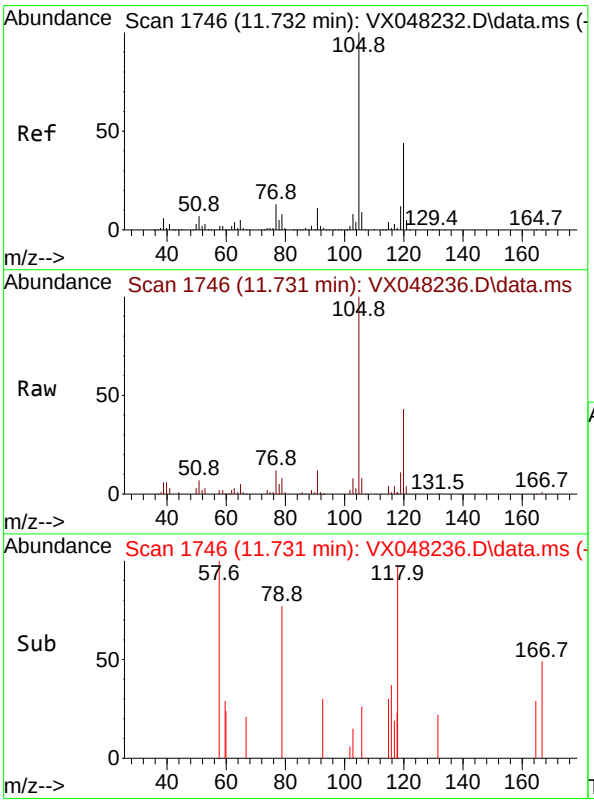
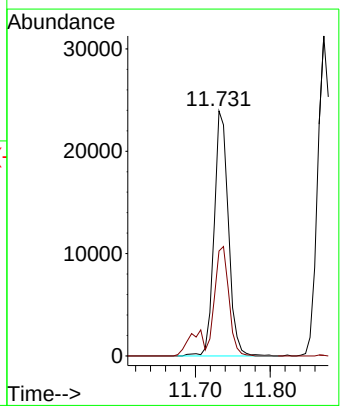
Supervised By :Semsettin Yesilyurt 10/21/2025

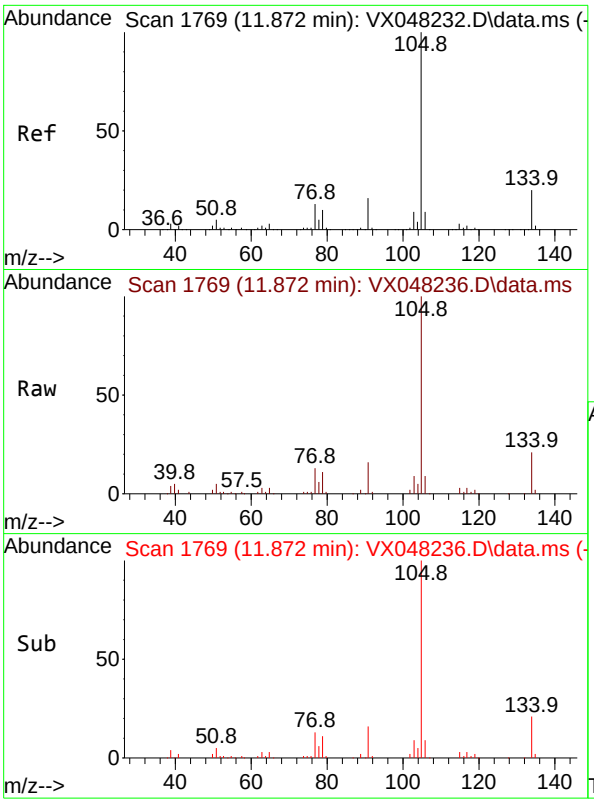


#84
1,2,4-Trimethylbenzene
Concen: 5.129 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 31709

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





#85
sec-Butylbenzene
Concen: 5.118 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 3911

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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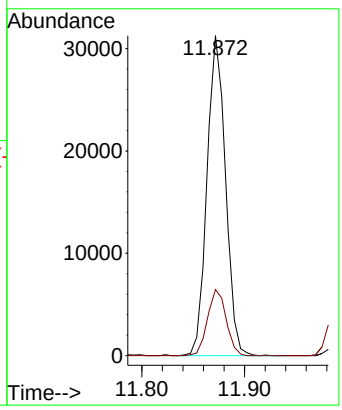
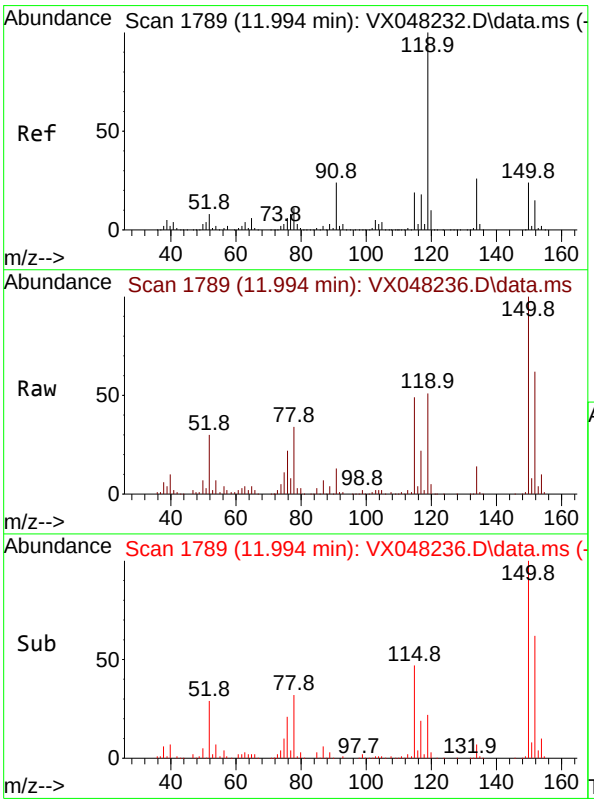
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

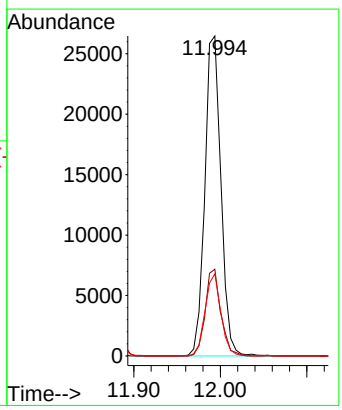


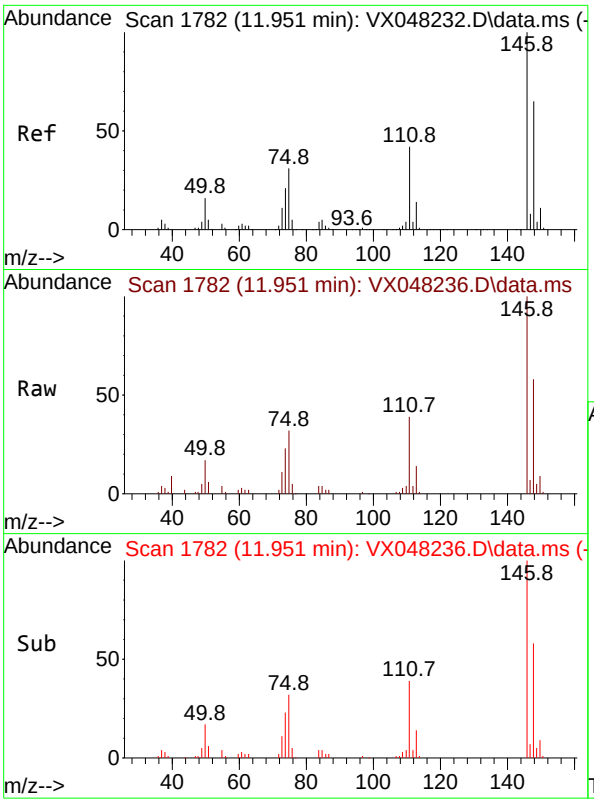


#86
p-Isopropyltoluene
Concen: 5.185 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 34155

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	25.3	12.1	36.3

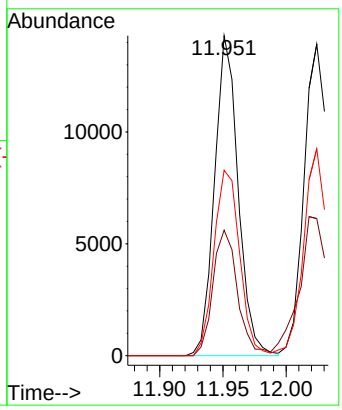




#87
1,3-Dichlorobenzene
Concen: 5.256 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 1854

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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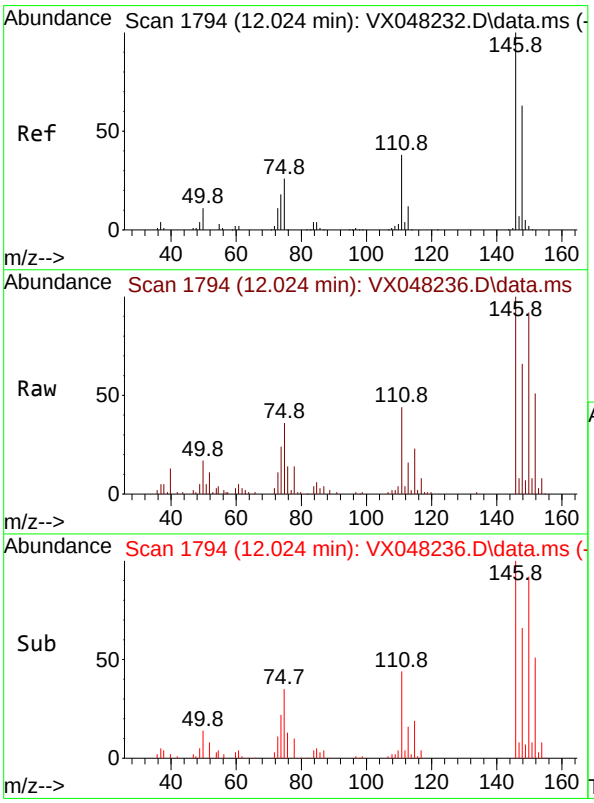
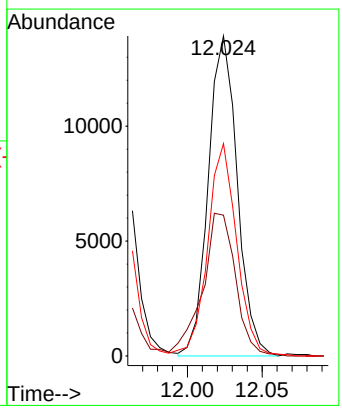
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

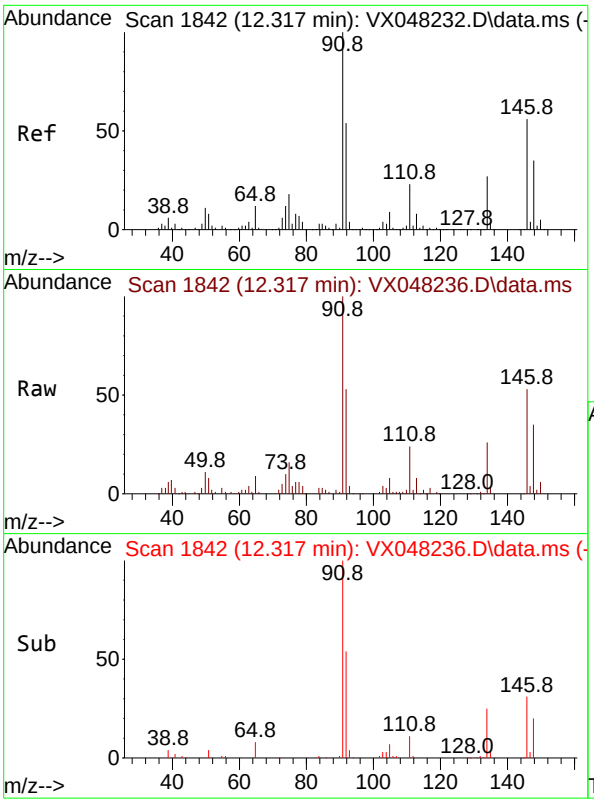


#88
1,4-Dichlorobenzene
Concen: 5.081 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 18787

Ion	Ratio	Lower	Upper
146	100		
111	50.9	20.1	60.2
148	66.5	31.8	95.3

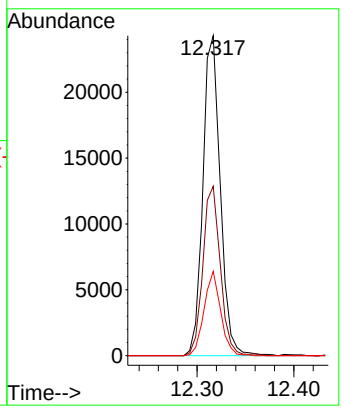




#89
n-Butylbenzene
Concen: 5.069 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 3040

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	25.2	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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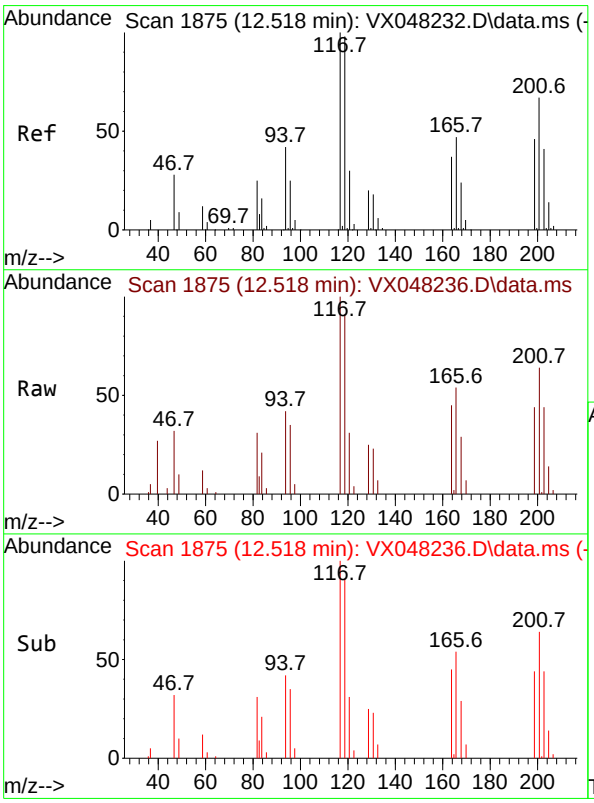
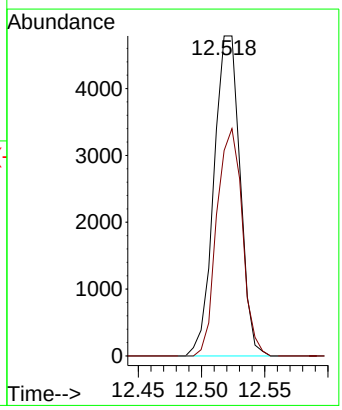
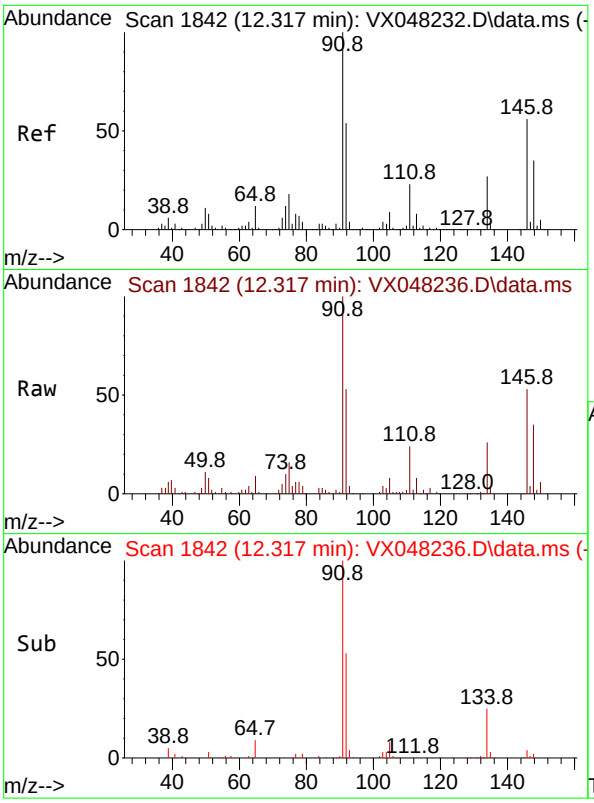


#90
Hexachloroethane
Concen: 5.210 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 6863

Ion	Ratio	Lower	Upper
117	100		
201	69.4	34.1	102.2

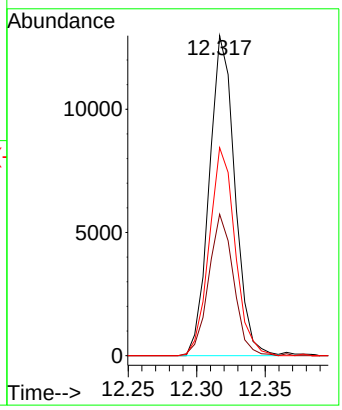




#91
1,2-Dichlorobenzene
Concen: 5.076 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 1684

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.5
148	65.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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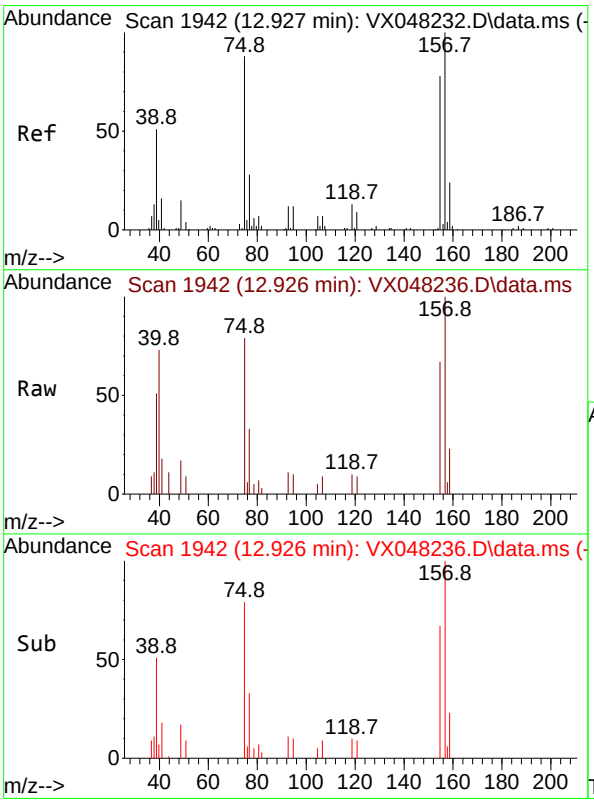
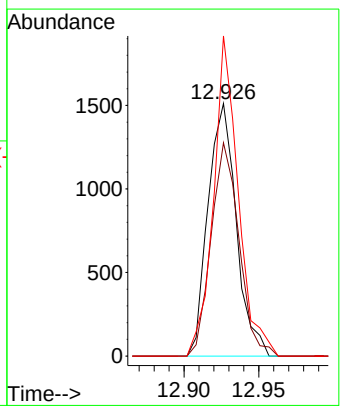
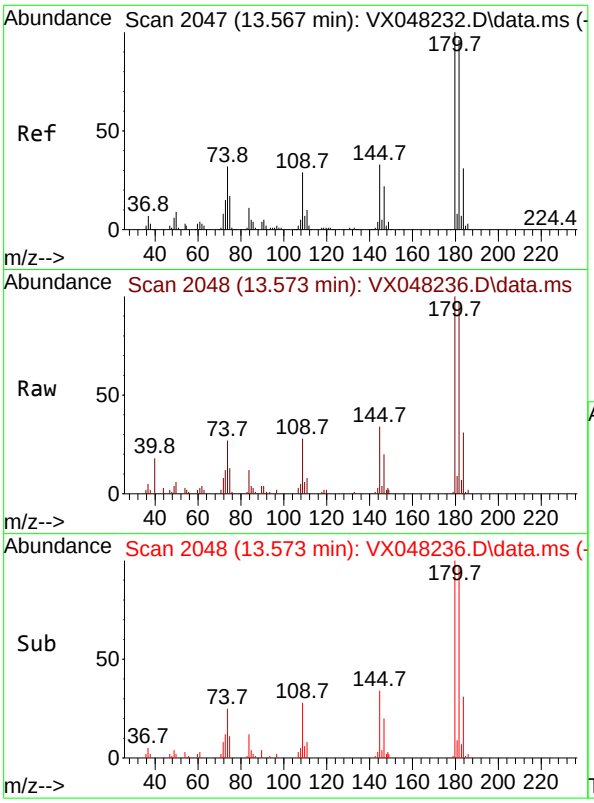


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.680 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984

Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.8	128.4
157	110.7	54.2	162.6

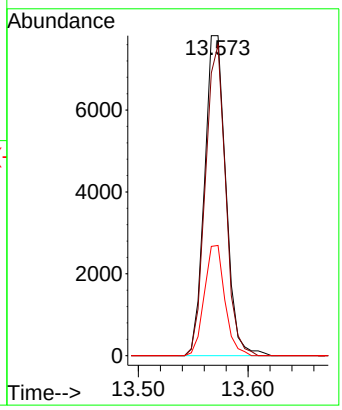




#93
1,2,4-Trichlorobenzene
Concen: 4.693 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 1053

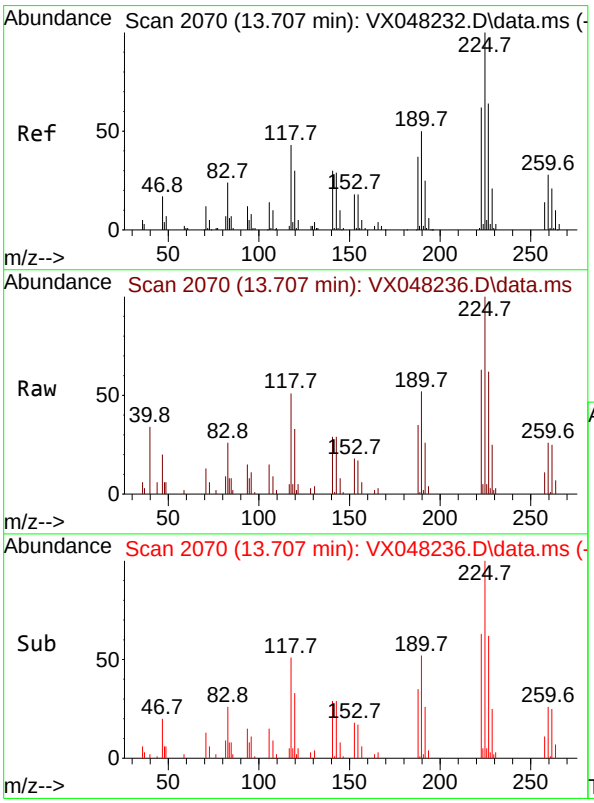
Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	33.2	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

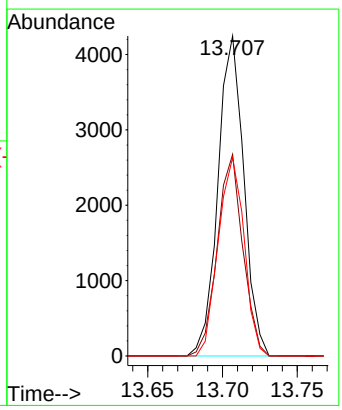
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

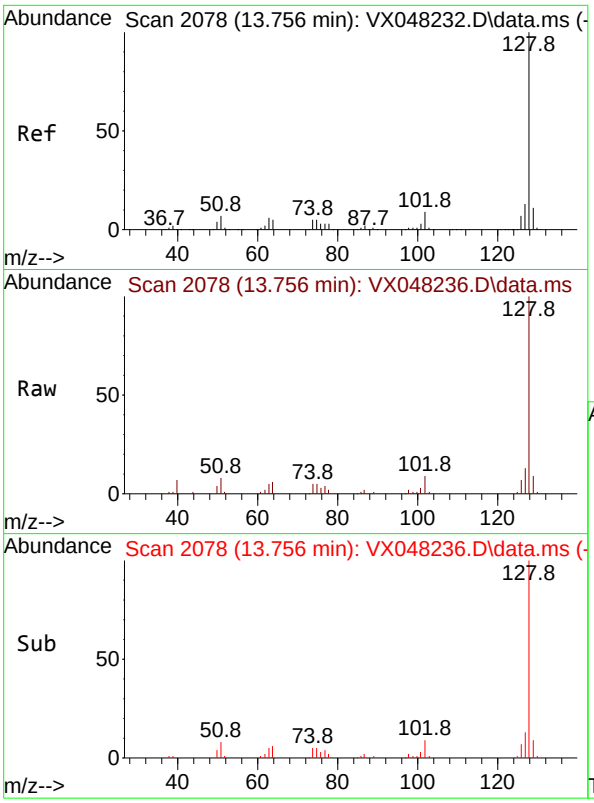


#94
Hexachlorobutadiene
Concen: 4.948 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:225 Resp: 5113

Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.6	97.7
227	62.0	32.5	97.4

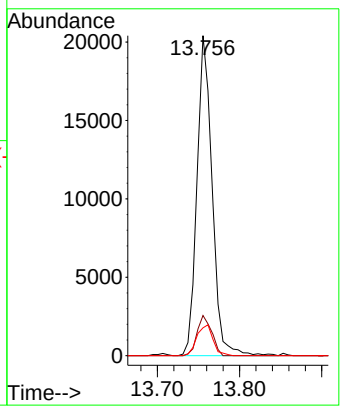




#95
Naphthalene
Concen: 4.374 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:128 Resp: 2621

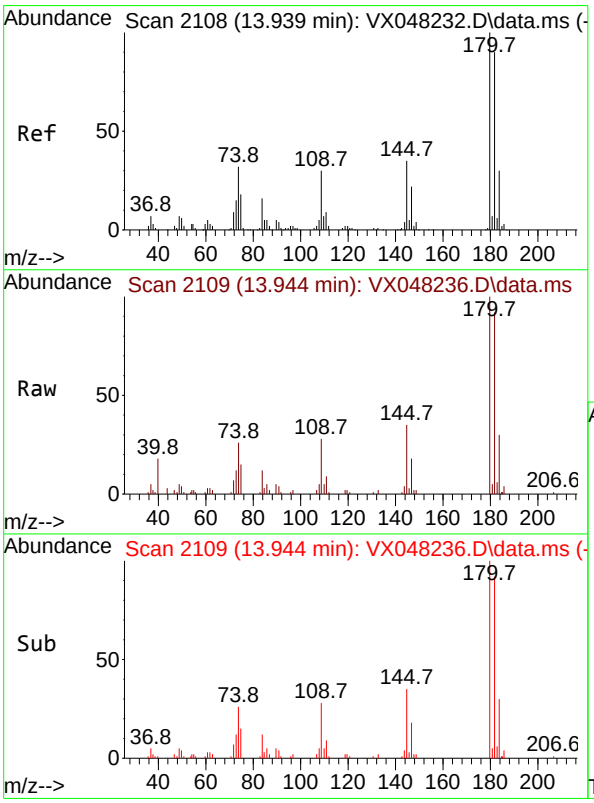
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	10.2	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

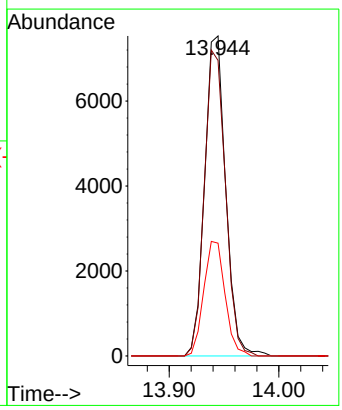
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.906 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 10040

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	36.3	16.9	50.7



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	144715	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	229650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	99108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92700	45.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.380%			
35) Dibromofluoromethane	5.367	113	76746	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.628	98	265898	48.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.061	95	97828	46.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	76365	51.331	ug/l	99
3) Chloromethane	1.301	50	74279	53.491	ug/l	99
4) Vinyl Chloride	1.380	62	71290	55.441	ug/l	99
5) Bromomethane	1.611	94	47863	54.847	ug/l	96
6) Chloroethane	1.691	64	42556	56.320	ug/l	95
7) Trichlorofluoromethane	1.892	101	128754	52.209	ug/l	97
8) Diethyl Ether	2.136	74	37292	53.742	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	83688	53.589	ug/l	96
10) Methyl Iodide	2.453	142	94222	47.994	ug/l	99
11) Tert butyl alcohol	2.934	59	45064	223.693	ug/l	98
12) 1,1-Dichloroethene	2.319	96	79070	52.043	ug/l	92
13) Acrolein	2.233	56	51257	249.473	ug/l	98
14) Allyl chloride	2.660	41	128896	51.099	ug/l	97
15) Acrylonitrile	3.050	53	182260	250.900	ug/l	100
16) Acetone	2.373	43	152988	219.789	ug/l	96
17) Carbon Disulfide	2.514	76	233630	48.792	ug/l	99
18) Methyl Acetate	2.697	43	71506	49.190	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	254812	49.162	ug/l	98
20) Methylene Chloride	2.782	84	86610	51.066	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	85000	50.932	ug/l	96
22) Diisopropyl ether	3.745	45	259934	51.665	ug/l	99
23) Vinyl Acetate	3.709	43	1045584	260.168	ug/l	97
24) 1,1-Dichloroethane	3.599	63	150557	49.490	ug/l	99
25) 2-Butanone	4.532	43	209999	238.354	ug/l	97
26) 2,2-Dichloropropane	4.458	77	132433	48.230	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	98066	50.350	ug/l	96
28) Bromochloromethane	4.879	49	58764	46.587	ug/l	87
29) Tetrahydrofuran	4.977	42	127995	242.572	ug/l	95
30) Chloroform	5.074	83	157397	48.427	ug/l	99
31) Cyclohexane	5.458	56	132594	52.646	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	144706	48.309	ug/l	98
36) 1,1-Dichloropropene	5.672	75	109957	49.344	ug/l	100
37) Ethyl Acetate	4.690	43	88074	47.684	ug/l	98
38) Carbon Tetrachloride	5.659	117	132590	48.228	ug/l	99
39) Methylcyclohexane	7.360	83	138611	52.670	ug/l	94
40) Benzene	6.019	78	325041	50.241	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	48846	50.358	ug/l		95
42) 1,2-Dichloroethane	6.068	62	116893	48.963	ug/l		98
43) Isopropyl Acetate	6.318	43	151140	49.816	ug/l		95
44) Trichloroethene	7.104	130	86410	50.582	ug/l		96
45) 1,2-Dichloropropane	7.409	63	78439	50.994	ug/l		98
46) Dibromomethane	7.562	93	58616	48.913	ug/l		94
47) Bromodichloromethane	7.799	83	125388	48.459	ug/l		99
48) Methyl methacrylate	7.671	41	75812	49.519	ug/l		94
49) 1,4-Dioxane	7.635	88	20230	1000.197	ug/l		90
51) 4-Methyl-2-Pentanone	8.555	43	428393	244.897	ug/l		95
52) Toluene	8.702	92	205867	50.088	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	124683	50.004	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	134360	49.944	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	75808	49.597	ug/l		98
56) Ethyl methacrylate	9.098	69	111702	49.964	ug/l		94
57) 1,3-Dichloropropane	9.287	76	128519	49.226	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	290992	242.124	ug/l		96
59) 2-Hexanone	9.409	43	300183	246.102	ug/l		96
60) Dibromochloromethane	9.500	129	97643	47.530	ug/l		99
61) 1,2-Dibromoethane	9.592	107	80363	49.319	ug/l		97
64) Tetrachloroethene	9.256	164	73198	48.686	ug/l		95
65) Chlorobenzene	10.061	112	226953	50.095	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.140	131	81561	49.014	ug/l		99
67) Ethyl Benzene	10.177	91	391830	50.798	ug/l		99
68) m/p-Xylenes	10.281	106	293516	102.416	ug/l		99
69) o-Xylene	10.622	106	139515	50.424	ug/l		99
70) Styrene	10.634	104	243341	51.651	ug/l		100
71) Bromoform	10.781	173	64170	48.250	ug/l	#	99
73) Isopropylbenzene	10.945	105	373948	51.658	ug/l		100
74) N-amyl acetate	10.823	43	131979	51.399	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	98715	49.936	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	81093m	50.456	ug/l		
77) Bromobenzene	11.177	156	91000	50.135	ug/l		94
78) n-propylbenzene	11.287	91	435662	51.980	ug/l		99
79) 2-Chlorotoluene	11.341	91	257936	50.760	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	305027	50.918	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	33027	49.995	ug/l		96
82) 4-Chlorotoluene	11.433	91	304670	50.507	ug/l		98
83) tert-Butylbenzene	11.695	119	309524	50.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	308529	51.607	ug/l		100
85) sec-Butylbenzene	11.872	105	379368	51.230	ug/l		100
86) p-Isopropyltoluene	11.988	119	324425	50.686	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	165027	48.229	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	168102	47.423	ug/l		99
89) n-Butylbenzene	12.311	91	289706	49.728	ug/l		99
90) Hexachloroethane	12.518	117	61223	48.437	ug/l		95
91) 1,2-Dichlorobenzene	12.317	146	157812	49.123	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19691	49.072	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	101983	46.941	ug/l		99
94) Hexachlorobutadiene	13.707	225	39299	48.274	ug/l		99
95) Naphthalene	13.756	128	289882	50.362	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	96139	48.223	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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

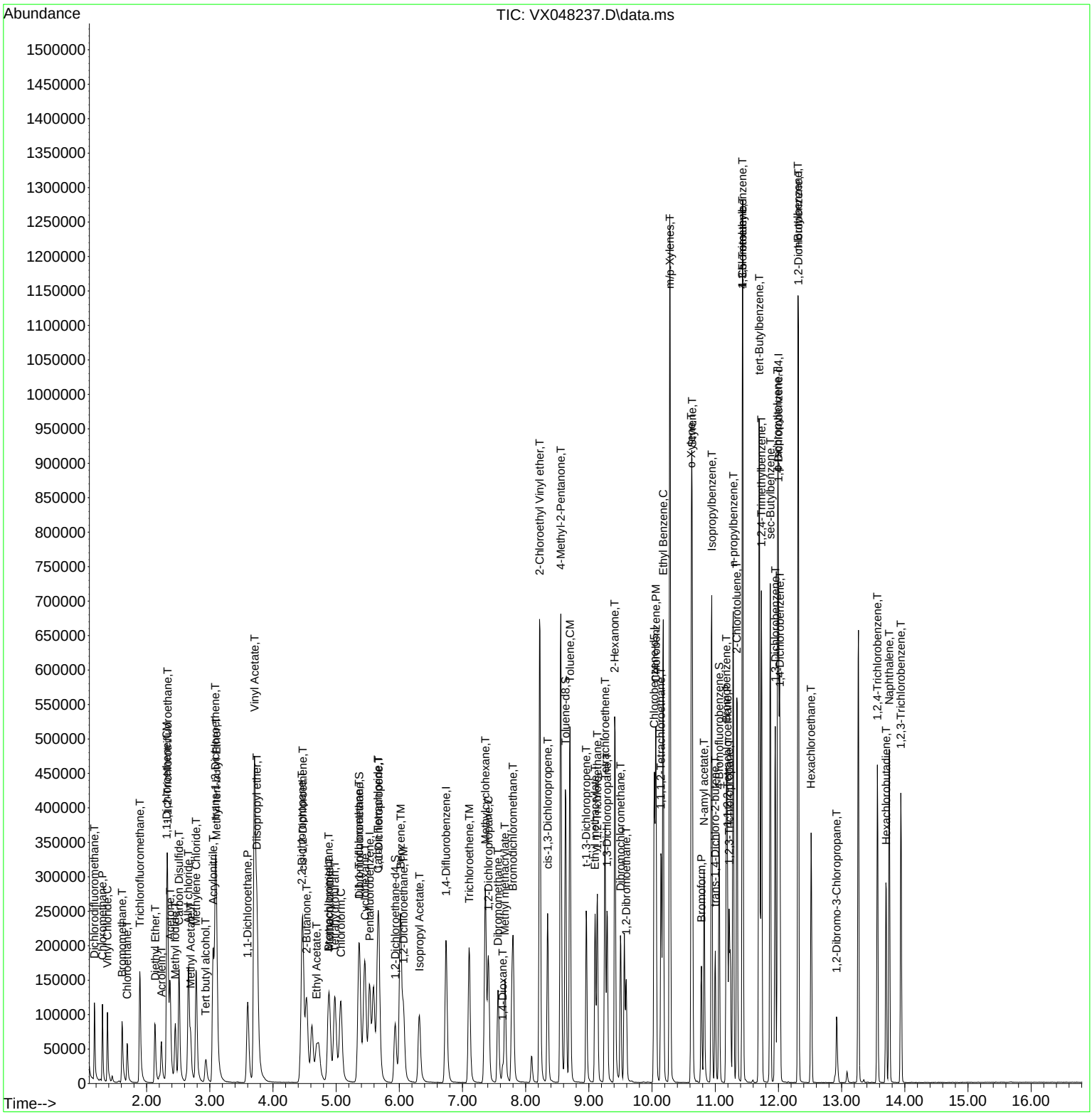
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

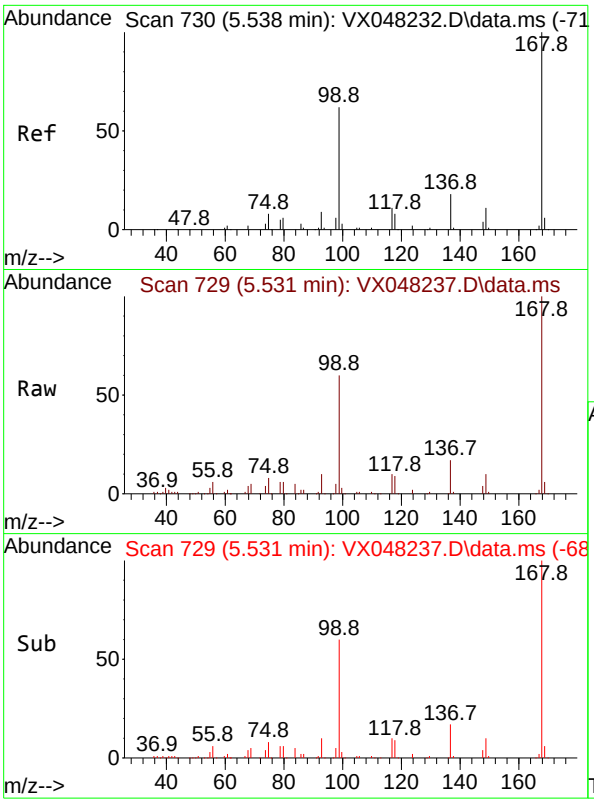
Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

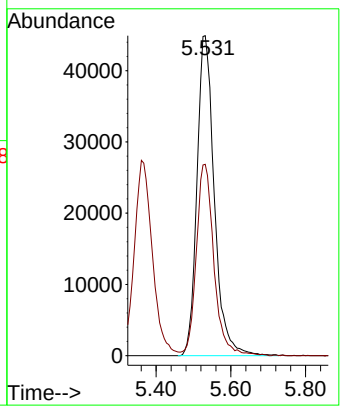




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:168 Resp: 14471

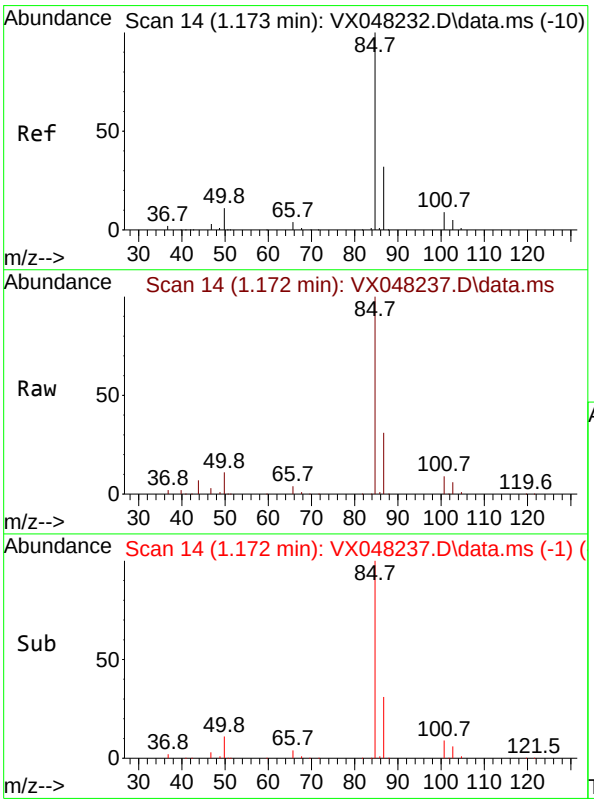
Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

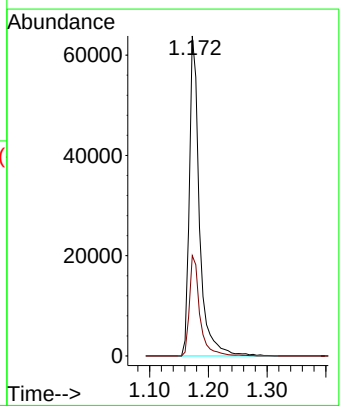
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

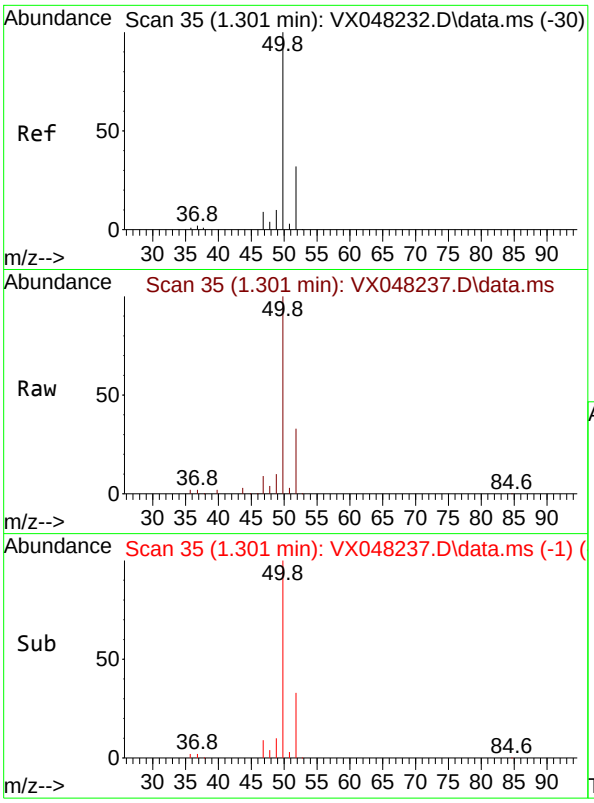


#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 85 Resp: 76365

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.3	45.9

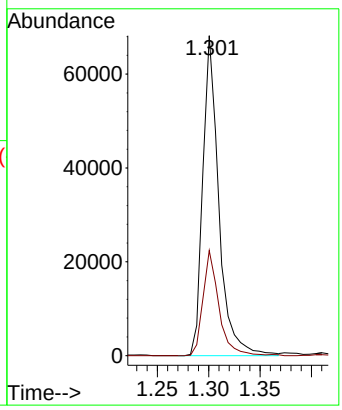




#3
Chloromethane
Concen: 53.491 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 50 Resp: 7427

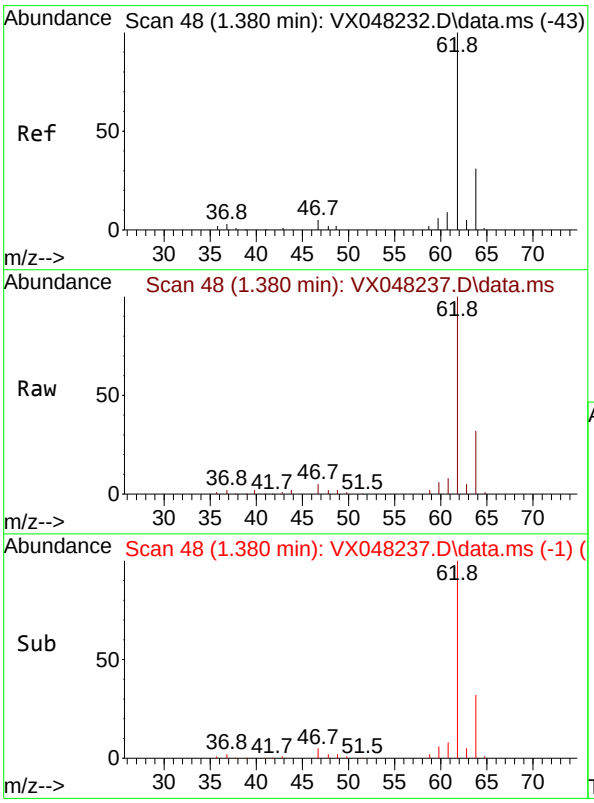
Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

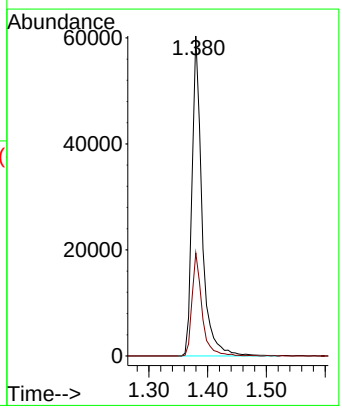
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

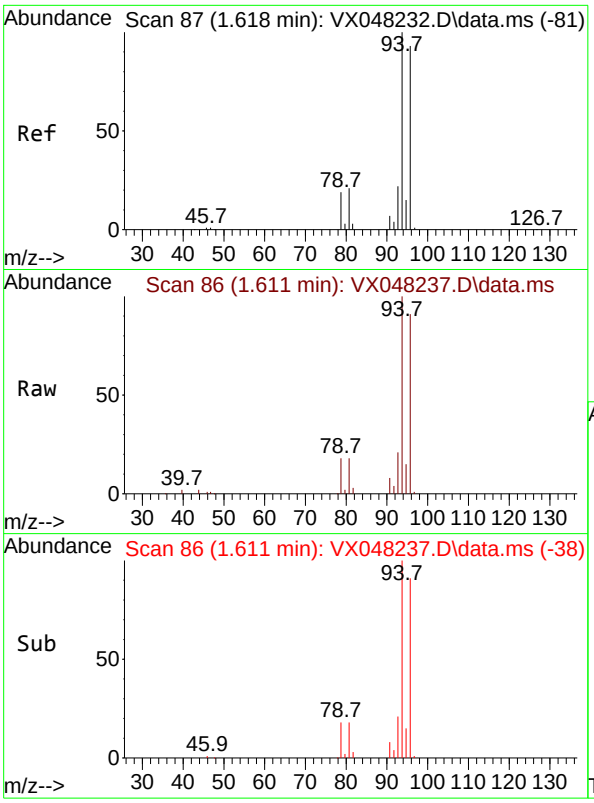


#4
Vinyl Chloride
Concen: 55.441 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 71290

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.1	37.7

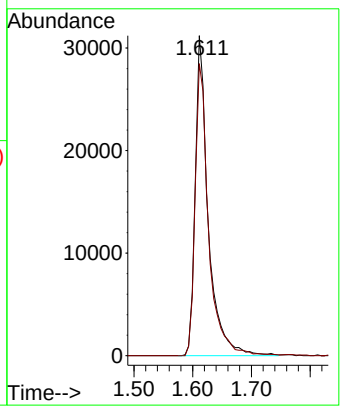




#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 94 Resp: 4786

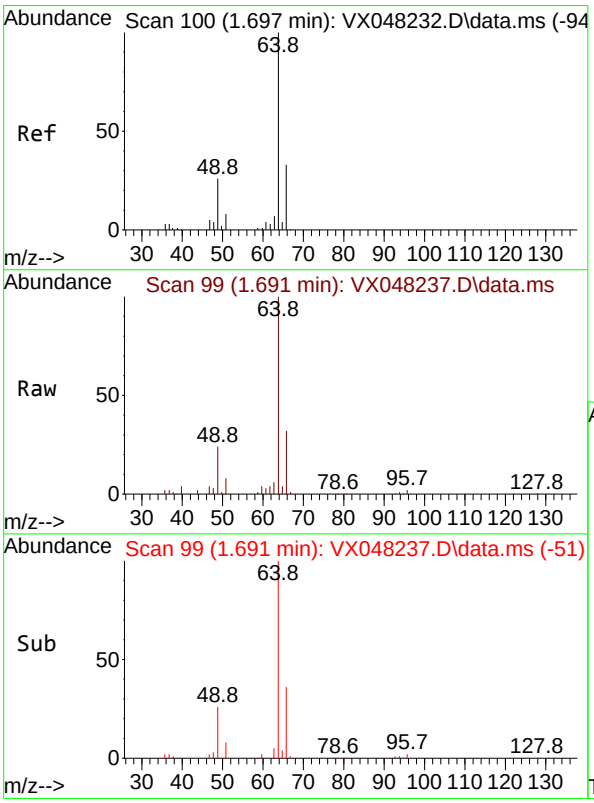
Ion	Ratio	Lower	Upper
94	100		
96	91.2	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

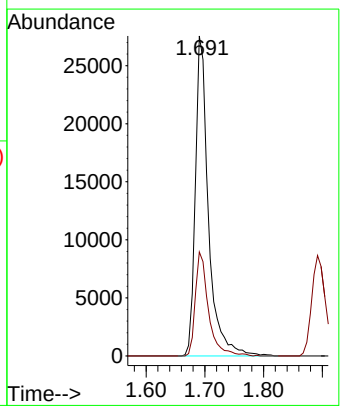
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

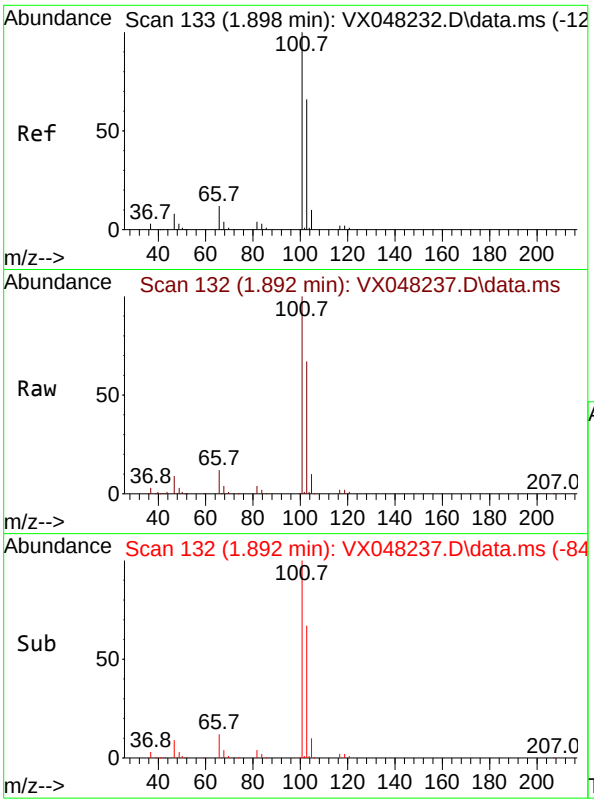


#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 64 Resp: 42556

Ion	Ratio	Lower	Upper
64	100		
66	32.5	23.9	35.9





#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:101 Resp: 12875

Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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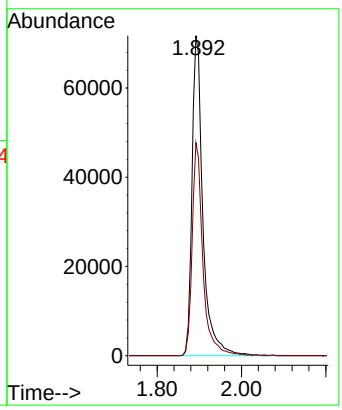
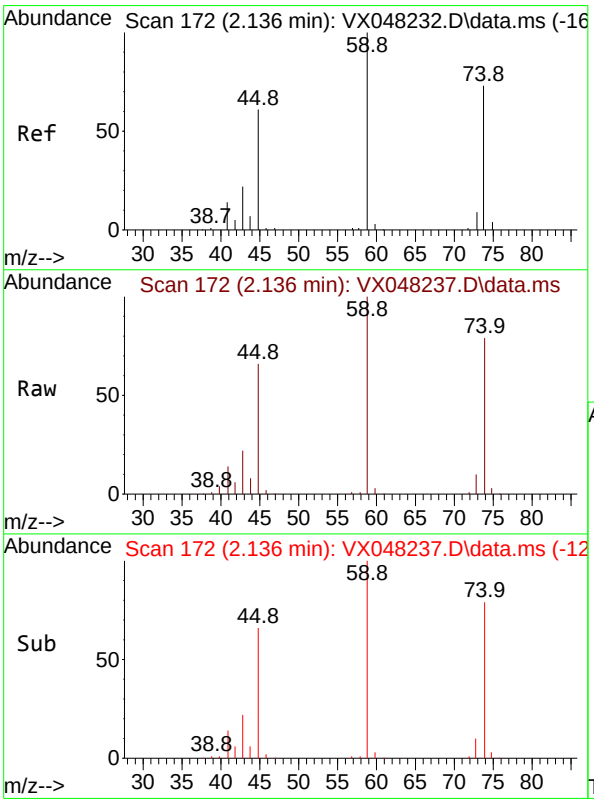
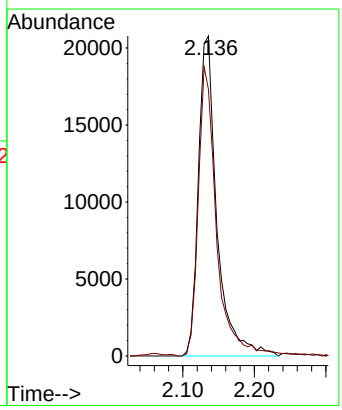


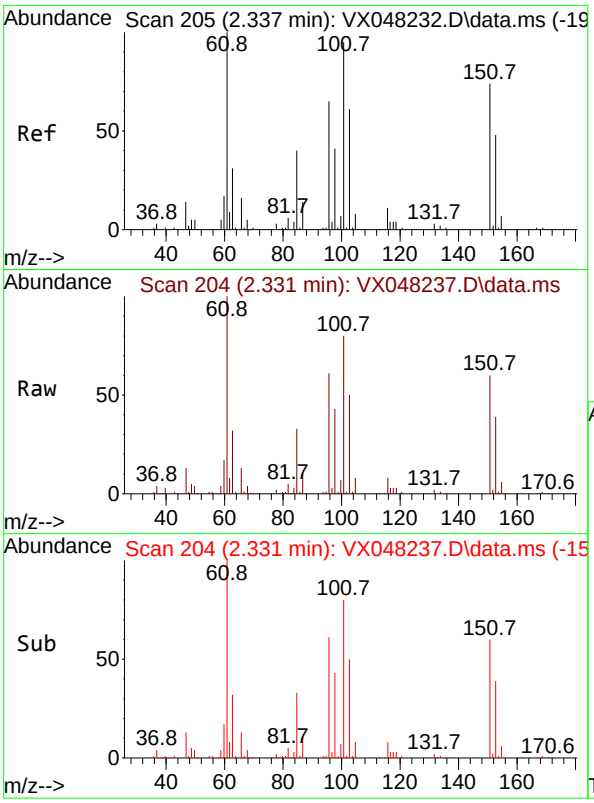


#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 74 Resp: 37292

Ion	Ratio	Lower	Upper
74	100		
45	89.3	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:101 Resp: 8368

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	76.9	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
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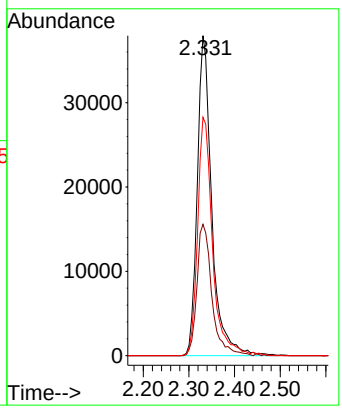
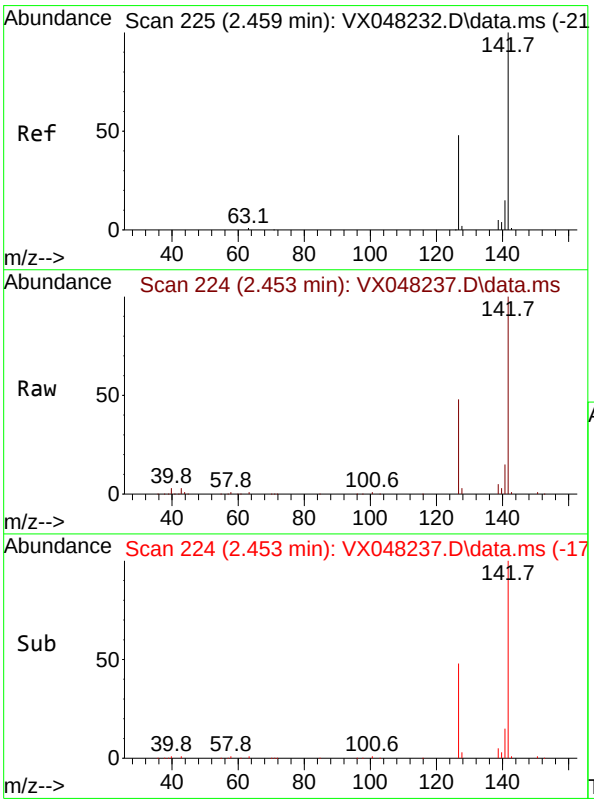
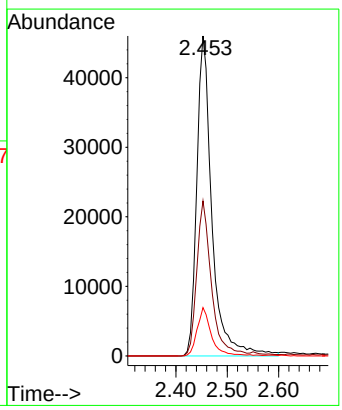


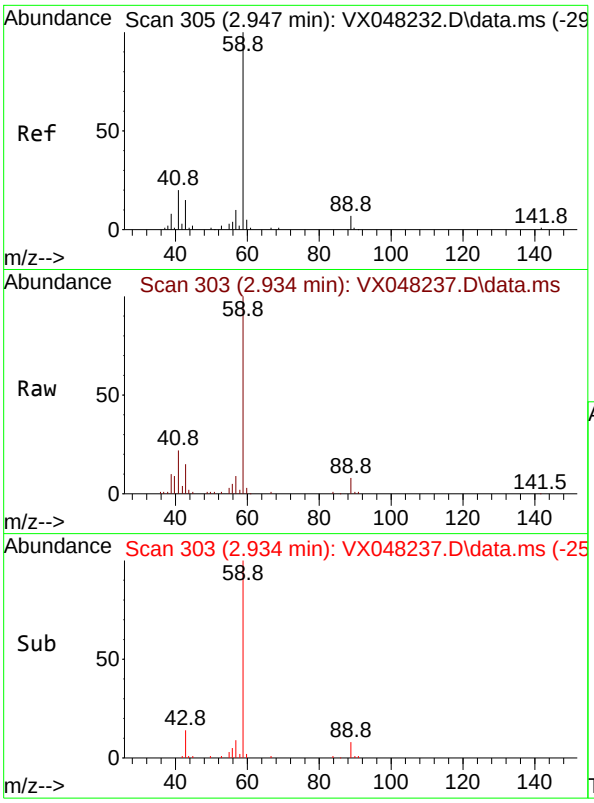


#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222

Ion	Ratio	Lower	Upper
142	100		
127	46.9	38.5	57.7
141	14.3	11.6	17.4

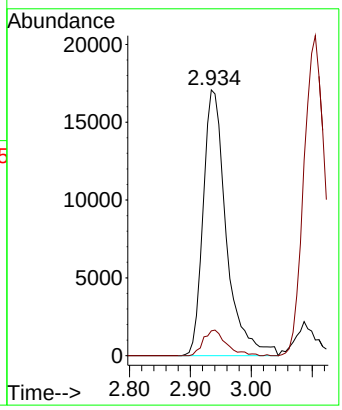




#11
Tert butyl alcohol
Concen: 223.693 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 59 Resp: 4506

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
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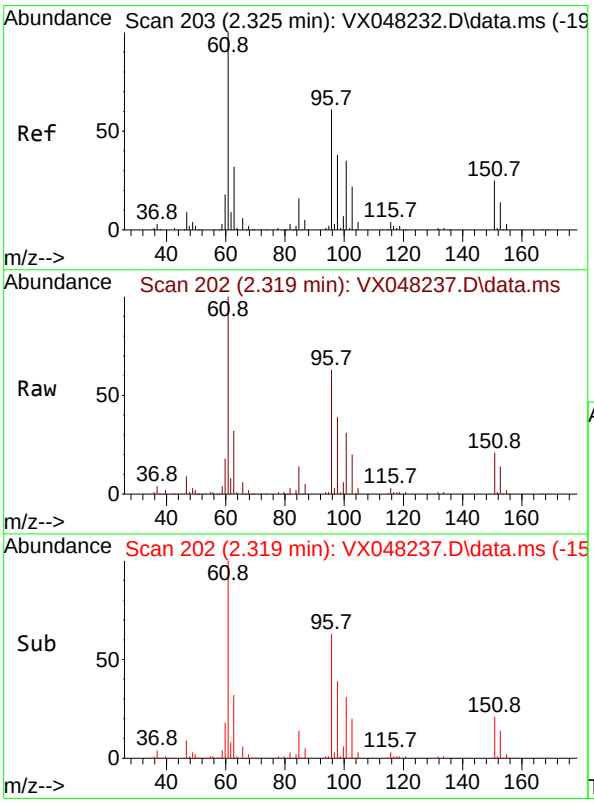
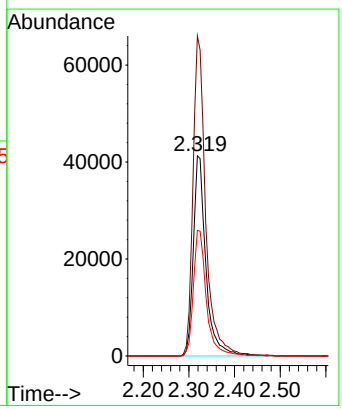
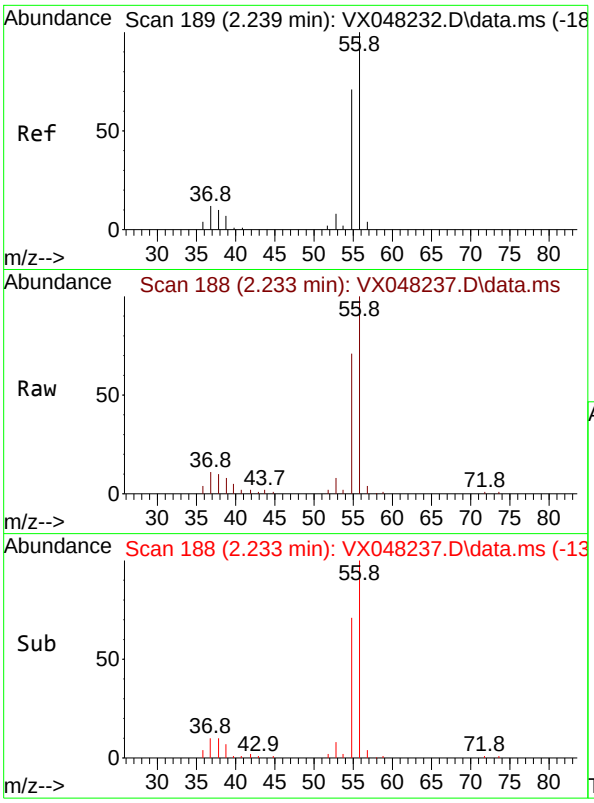


#12
1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 79070

Ion	Ratio	Lower	Upper
96	100		
61	159.8	139.0	208.6
98	62.7	52.4	78.6

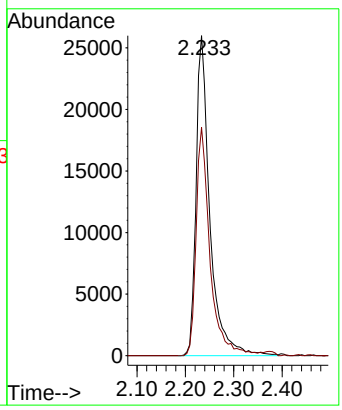




#13
Acrolein
Concen: 249.473 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 56 Resp: 5125

Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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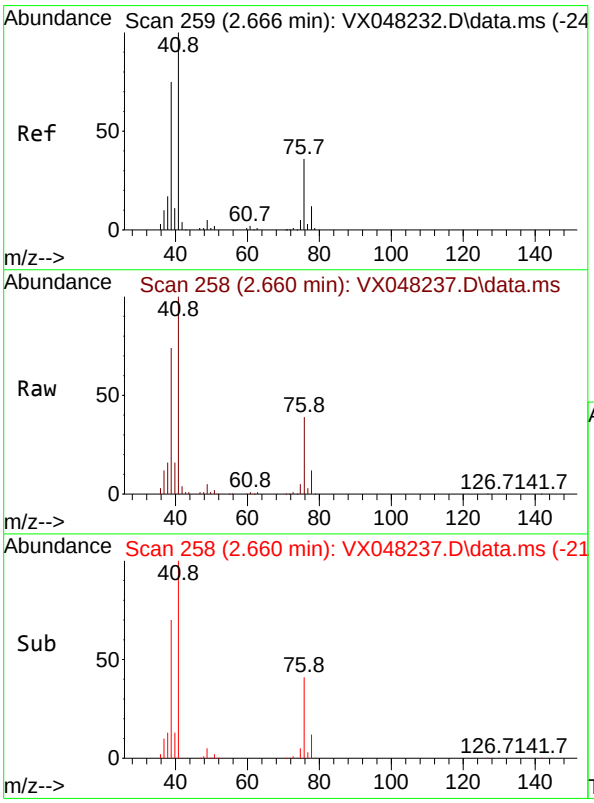
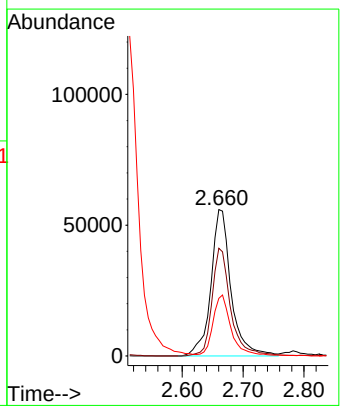
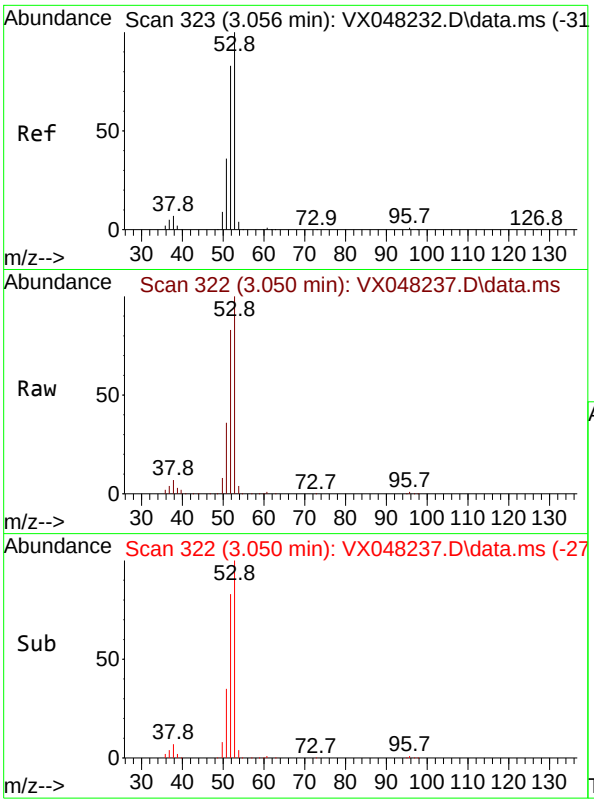


#14
Allyl chloride
Concen: 51.099 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 128896

Ion	Ratio	Lower	Upper
41	100		
39	68.0	56.0	84.0
76	37.0	27.5	41.3

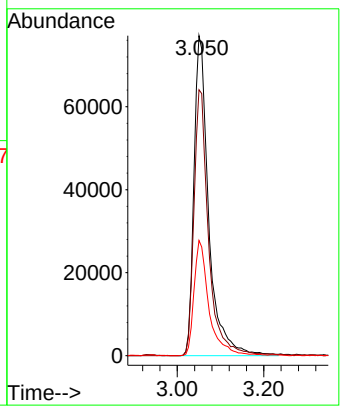




#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 53 Resp: 18226

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.8	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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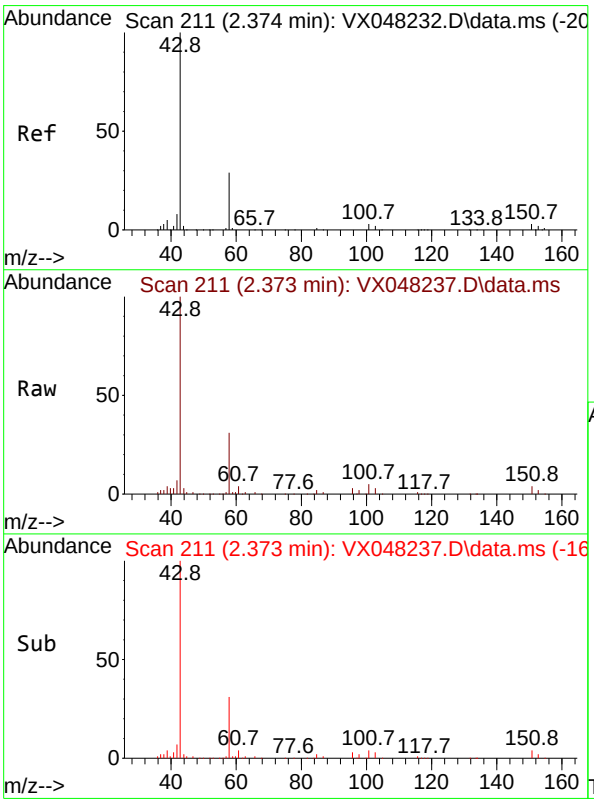
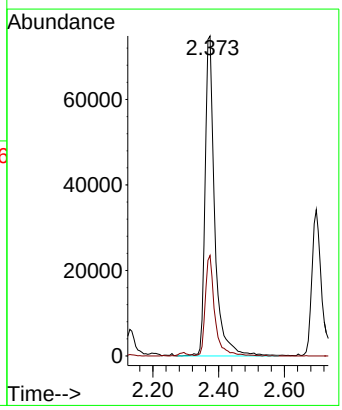
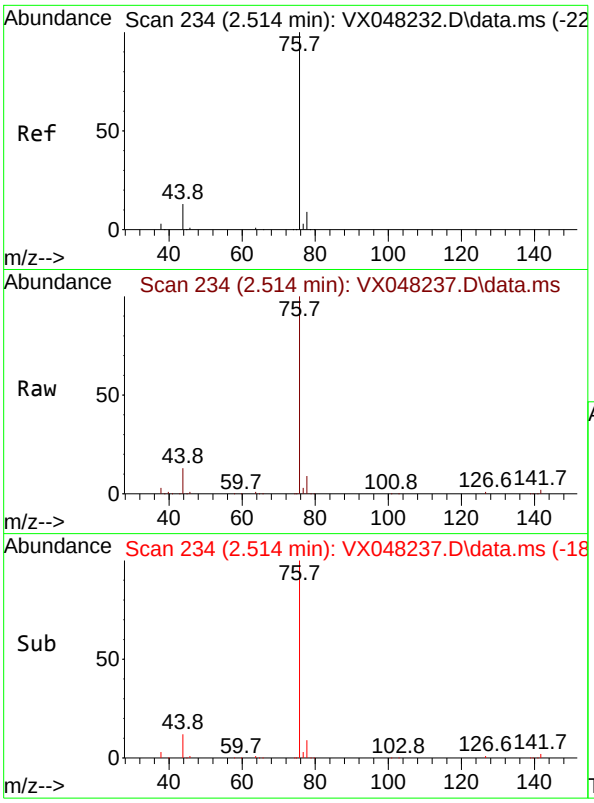


#16
Acetone
Concen: 219.789 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 152988

Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.4	35.2





#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 76 Resp: 23363

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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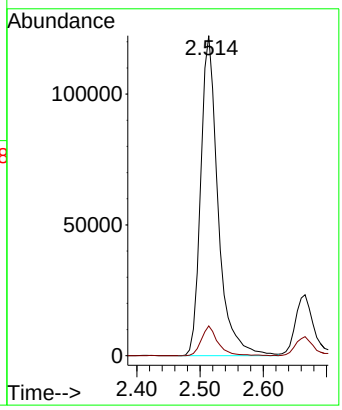
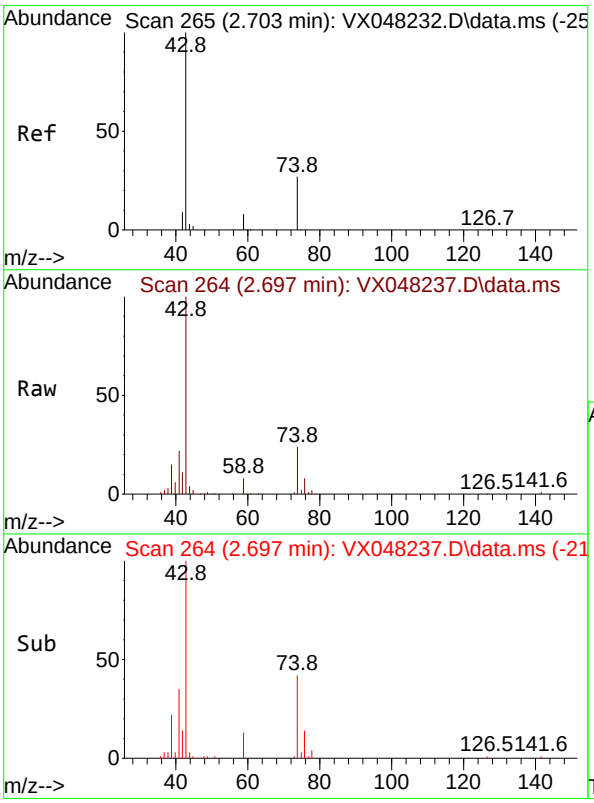
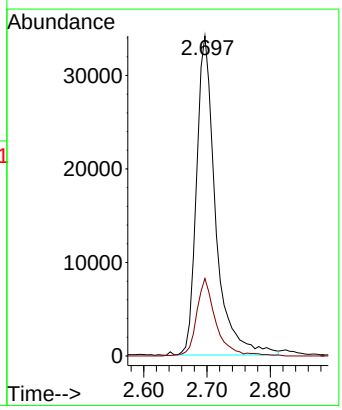


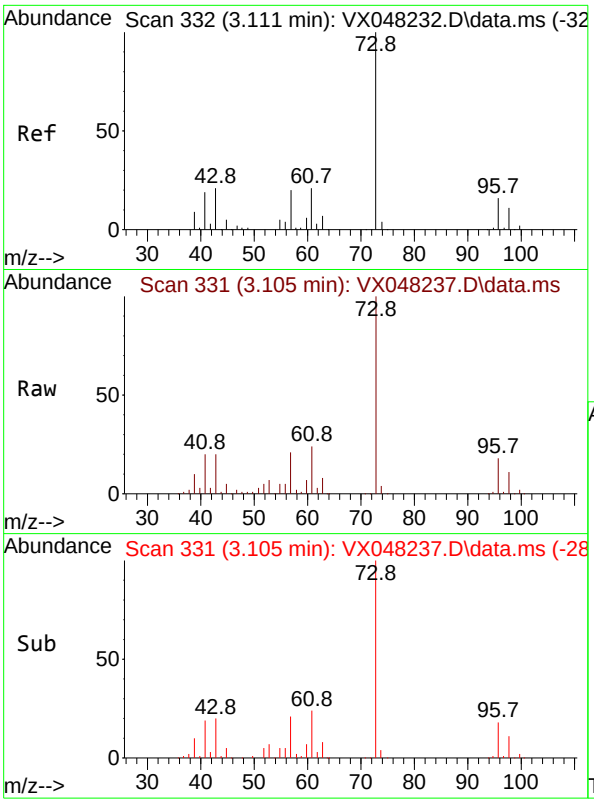


#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 71506

Ion	Ratio	Lower	Upper
43	100		
74	24.7	17.5	26.3

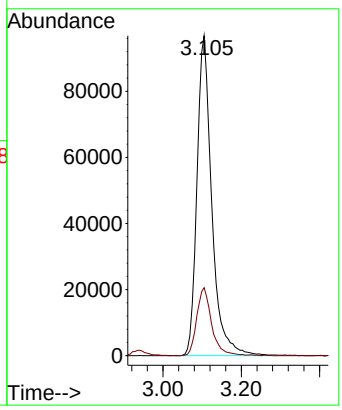




#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 73 Resp: 25481

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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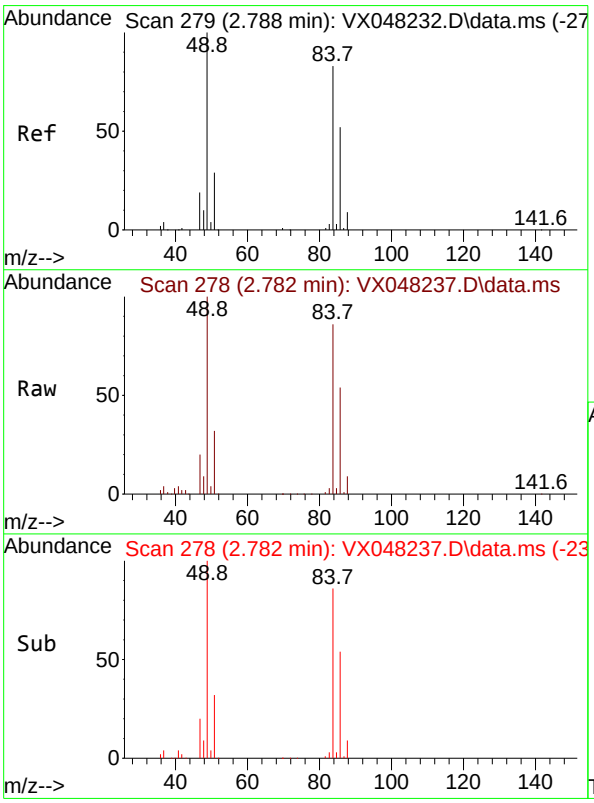
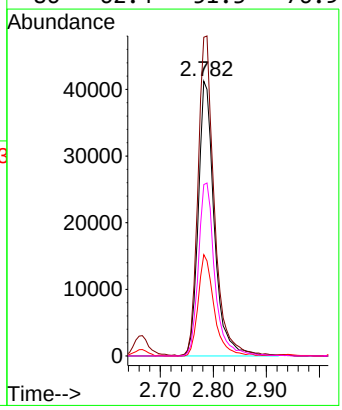
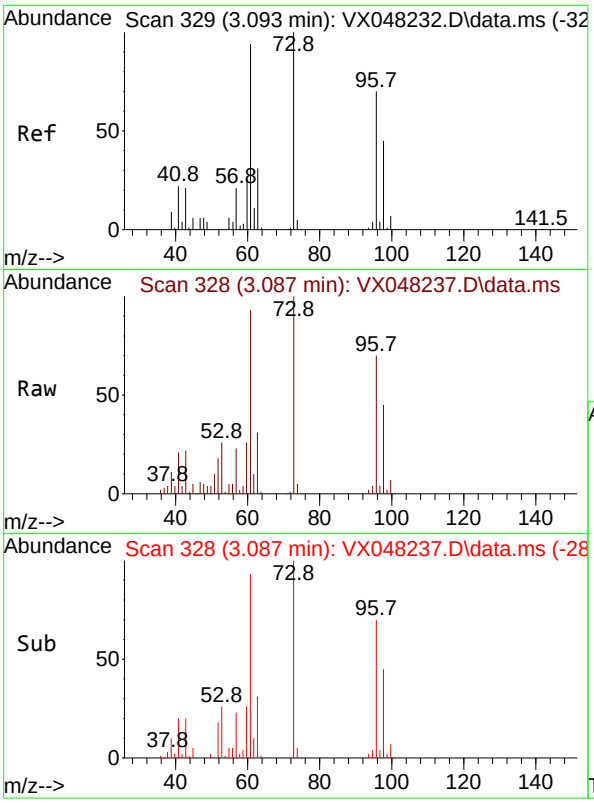


#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610

Ion	Ratio	Lower	Upper
84	100		
49	116.0	104.1	156.1
51	36.8	31.3	46.9
86	62.4	51.3	76.9

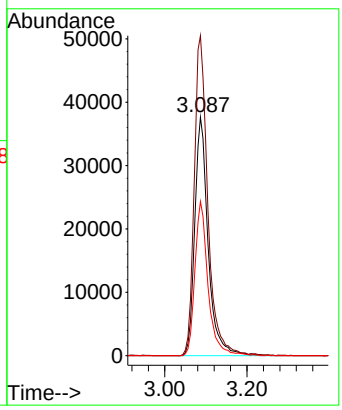




#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 8500

Ion	Ratio	Lower	Upper
96	100		
61	134.2	111.9	167.9
98	64.7	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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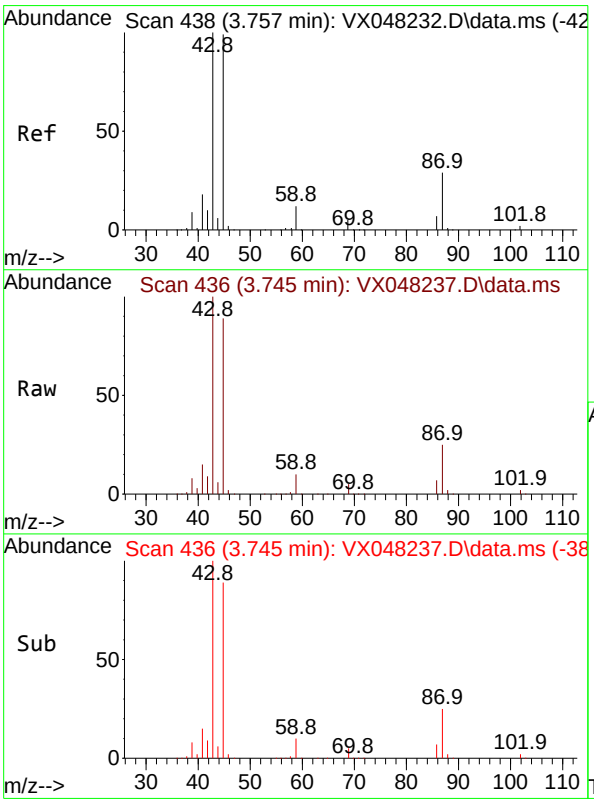
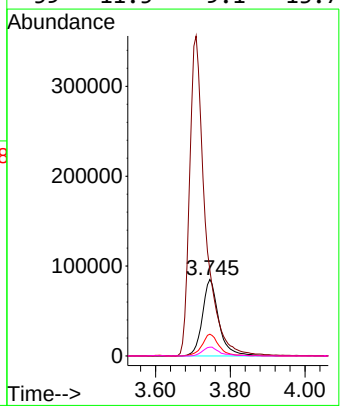
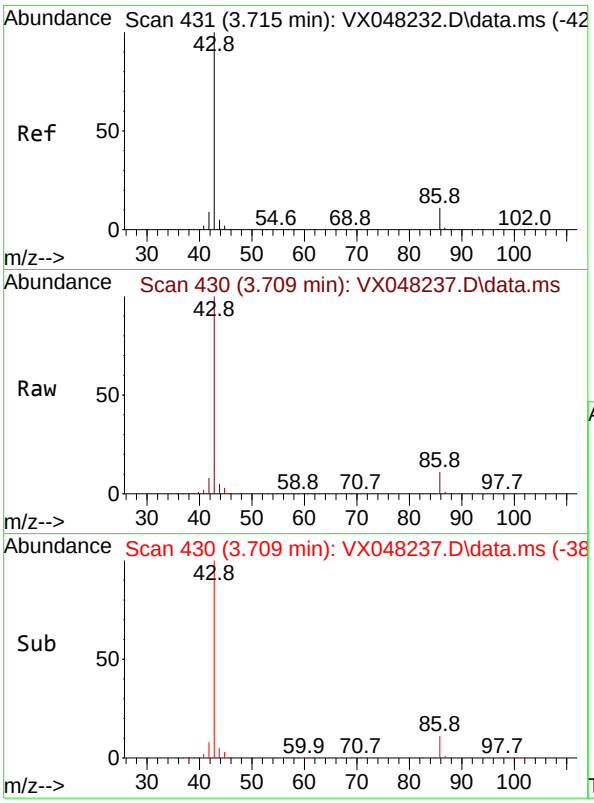


#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934

Ion	Ratio	Lower	Upper
45	100		
43	111.4	89.8	134.8
87	28.3	20.6	31.0
59	11.5	9.1	13.7





#23
Vinyl Acetate
Concen: 260.168 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 104558

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
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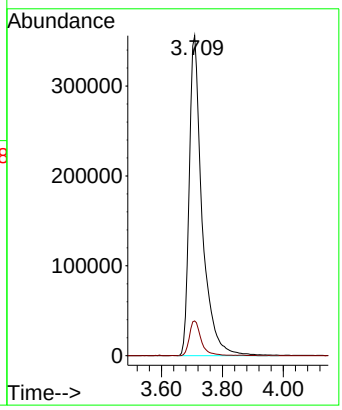
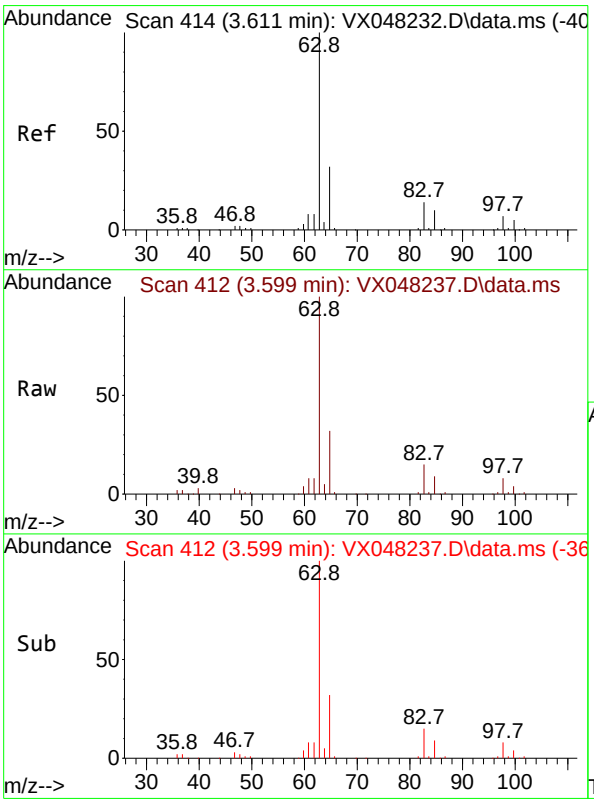
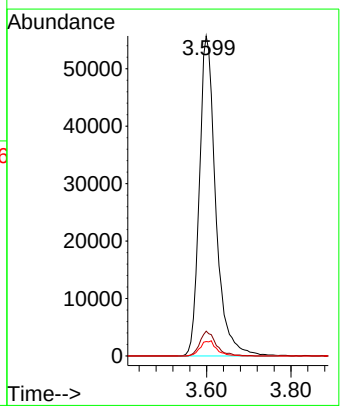


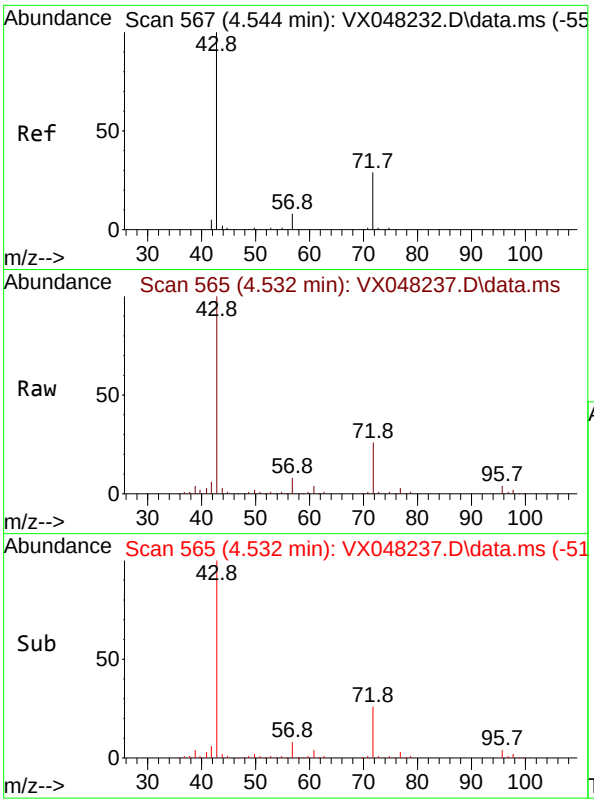


#24
1,1-Dichloroethane
Concen: 49.490 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.6
100	4.5	2.1	6.3

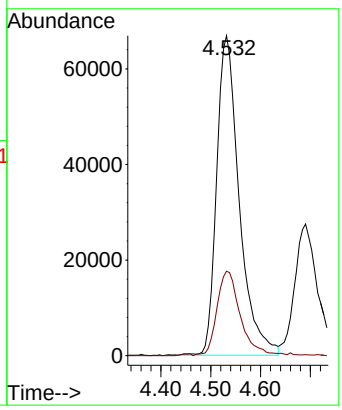




#25
2-Butanone
Concen: 238.354 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 20999

Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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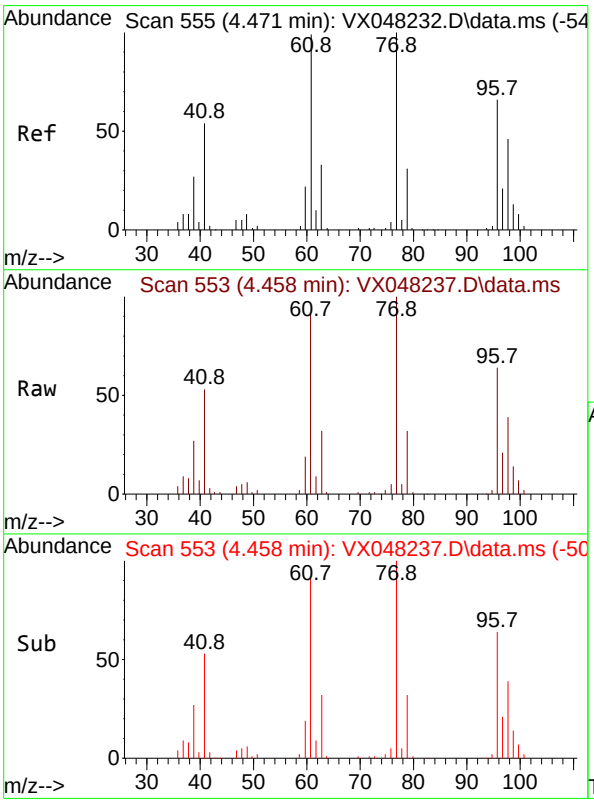
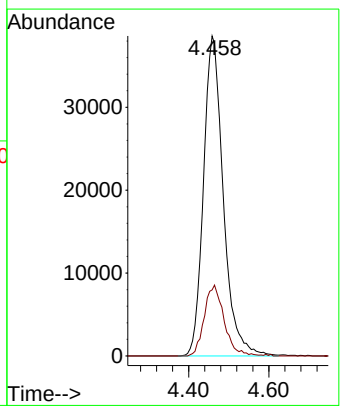
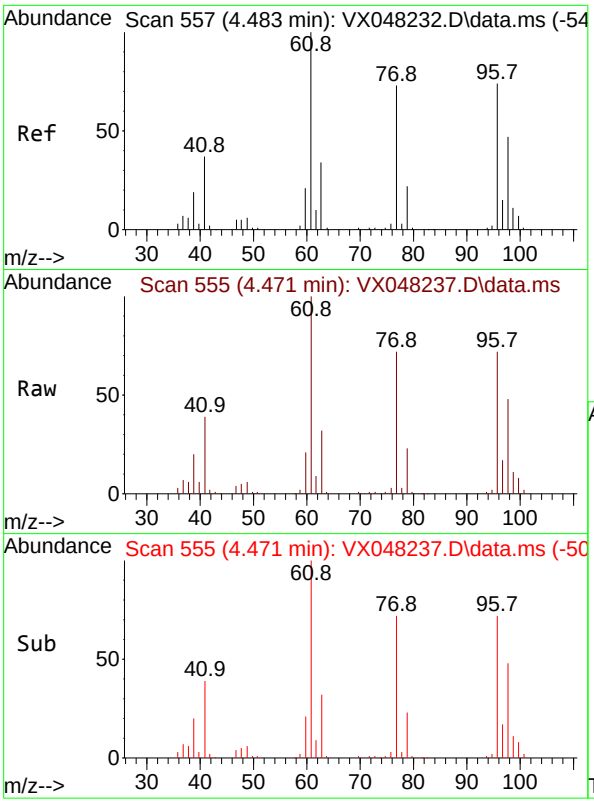


#26
2,2-Dichloropropane
Concen: 48.230 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 77 Resp: 132433

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.3

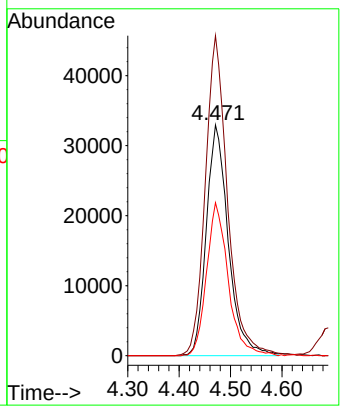




#27
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 9806

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	294.2
98	65.2	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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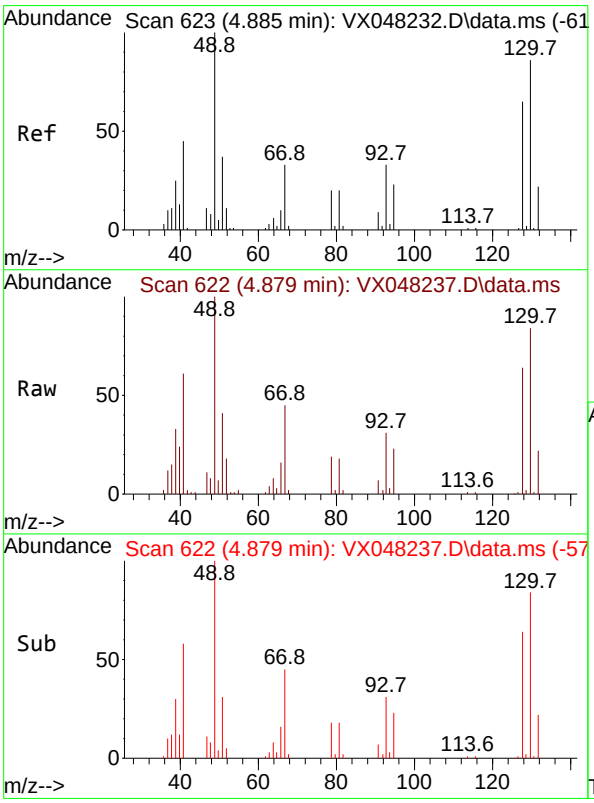
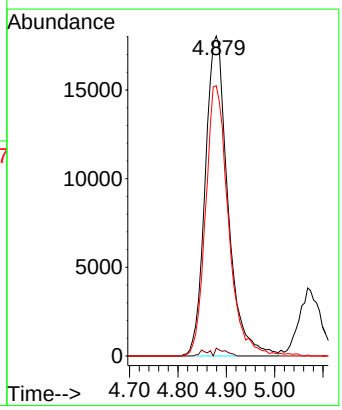
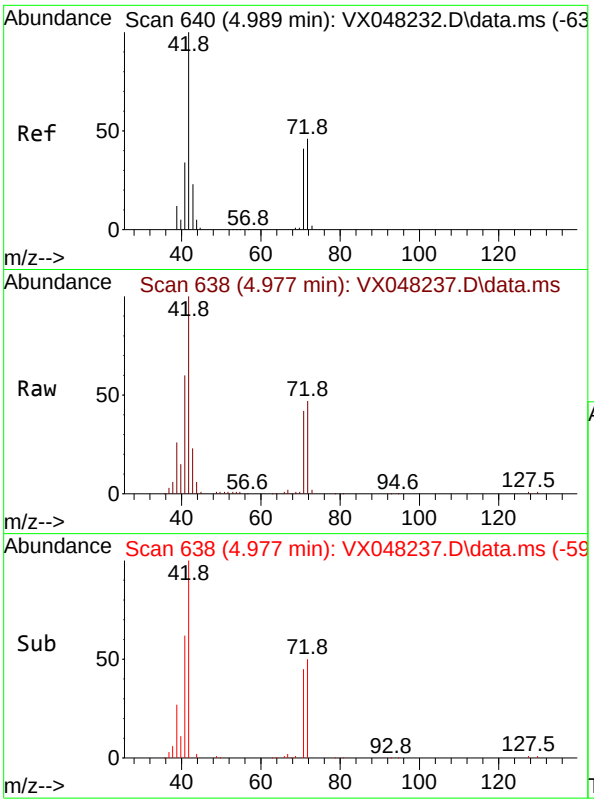


#28
Bromochloromethane
Concen: 46.587 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 49 Resp: 58764

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	85.1	59.3	88.9





#29
Tetrahydrofuran
Concen: 242.572 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 42 Resp: 12799

Ion	Ratio	Lower	Upper
42	100		
72	47.4	35.3	52.9
71	43.8	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
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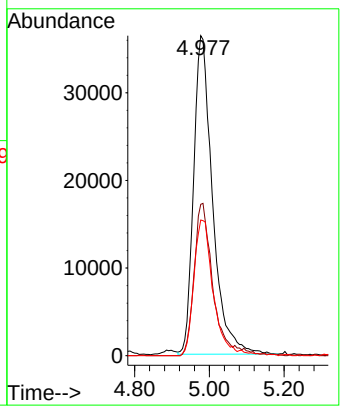
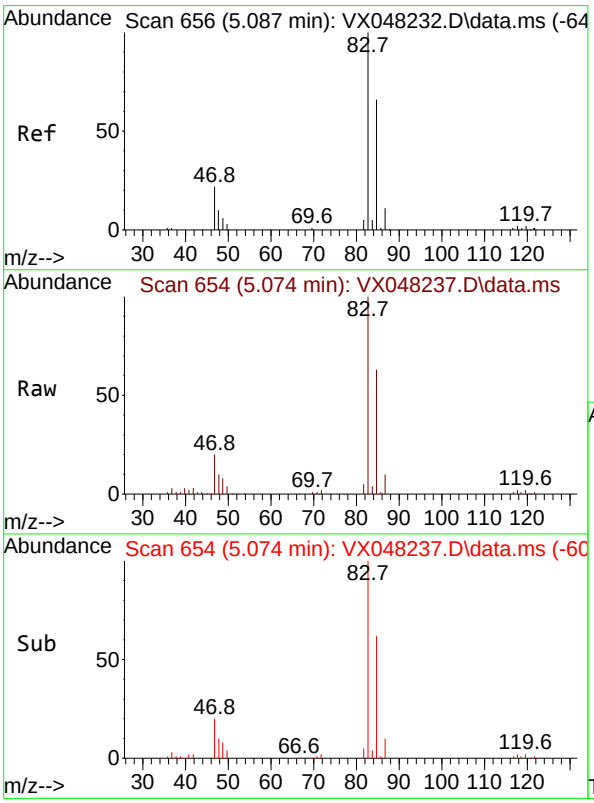
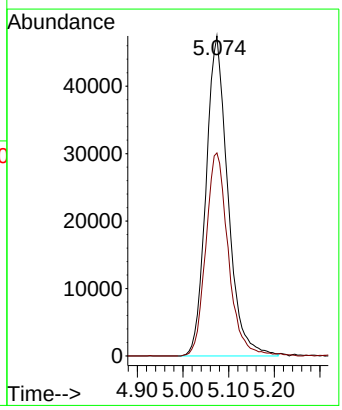


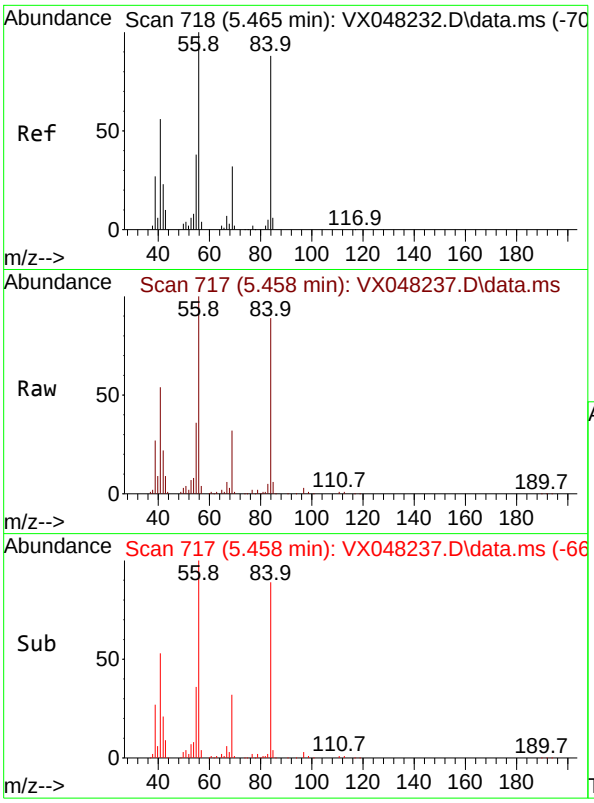


#30
Chloroform
Concen: 48.427 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 157397

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1





#31
Cyclohexane
Concen: 52.646 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 56 Resp: 13259

Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.0	34.6
84	88.9	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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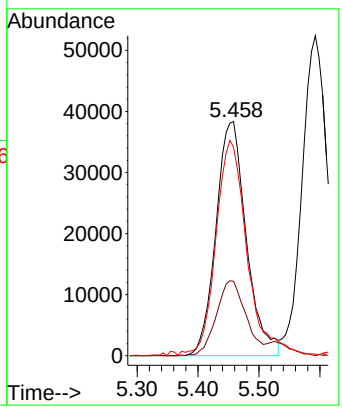
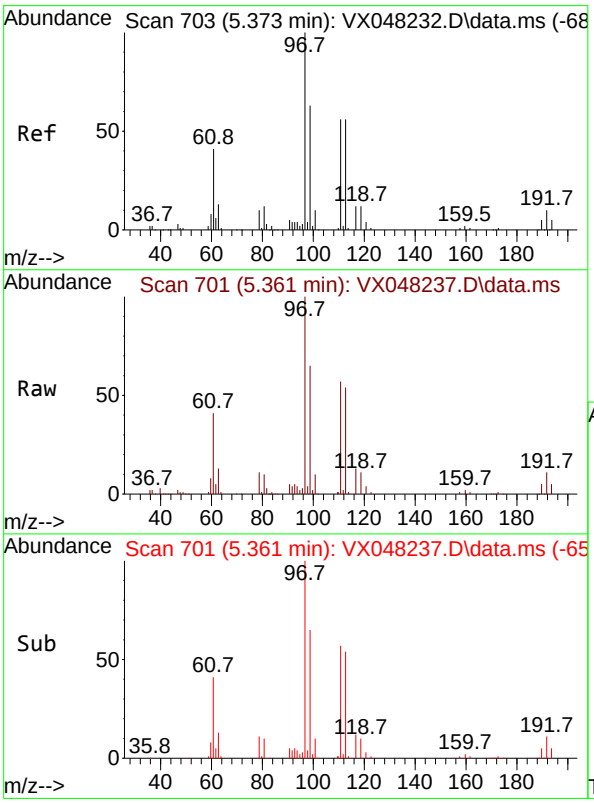
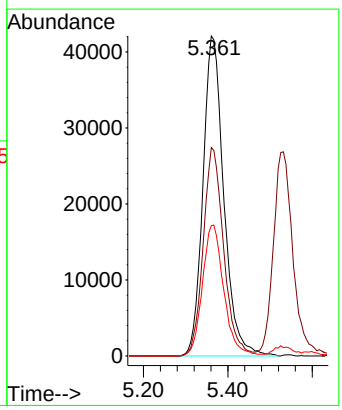


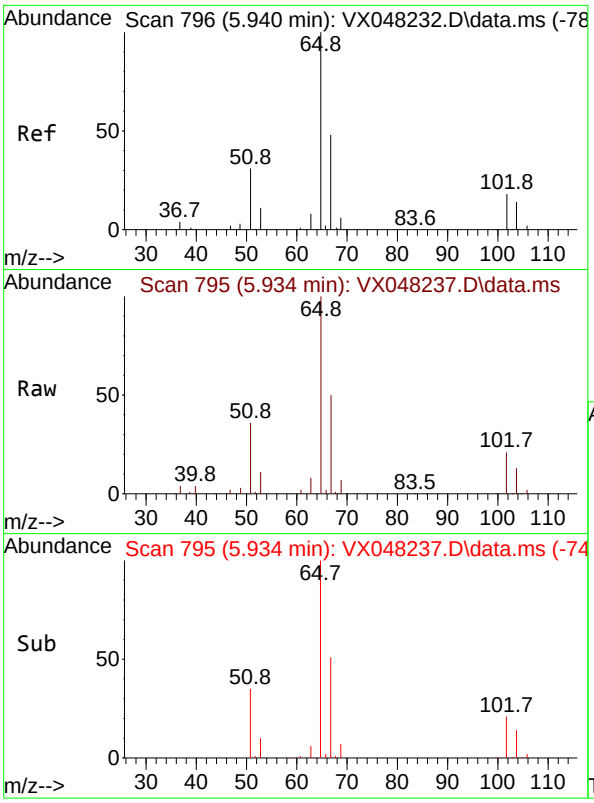


#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 144706

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.8	34.8	52.2

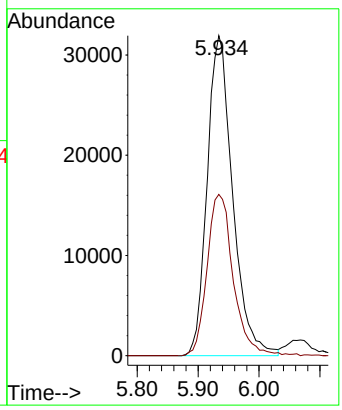




#33
1,2-Dichloroethane-d4
Concen: 45.687 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 65 Resp: 9270

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.0



Instrument :
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ClientSampleId :
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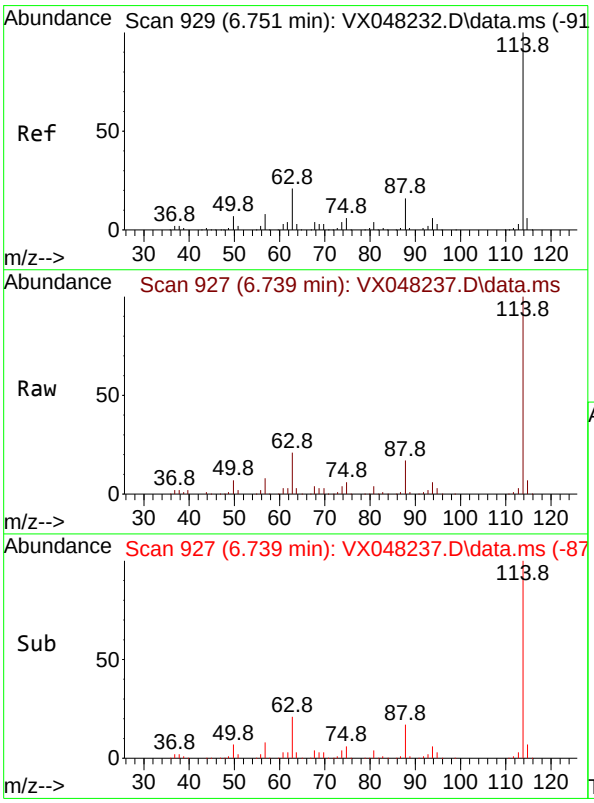
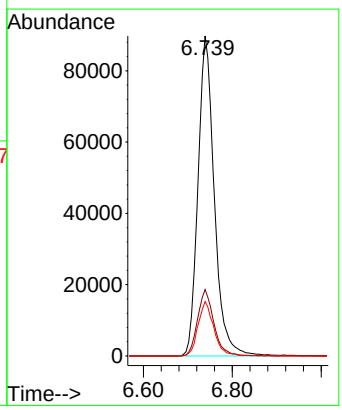
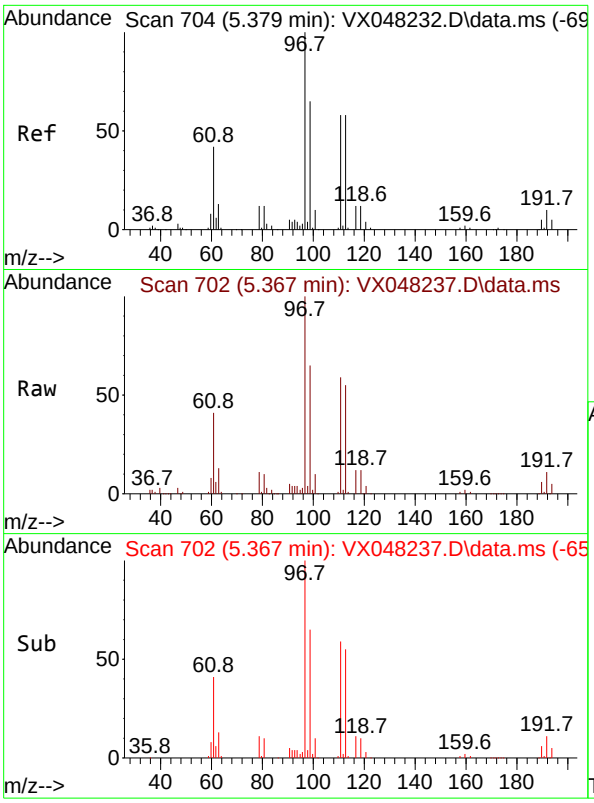


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:114 Resp: 229650

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	43.2
88	17.0	0.0	33.6

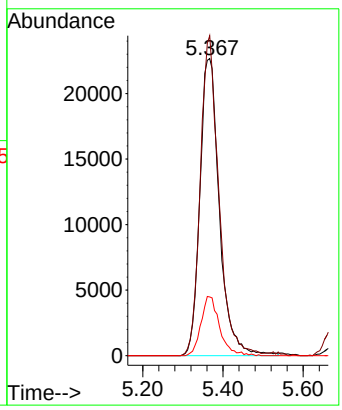




#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:113 Resp: 7674

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.0	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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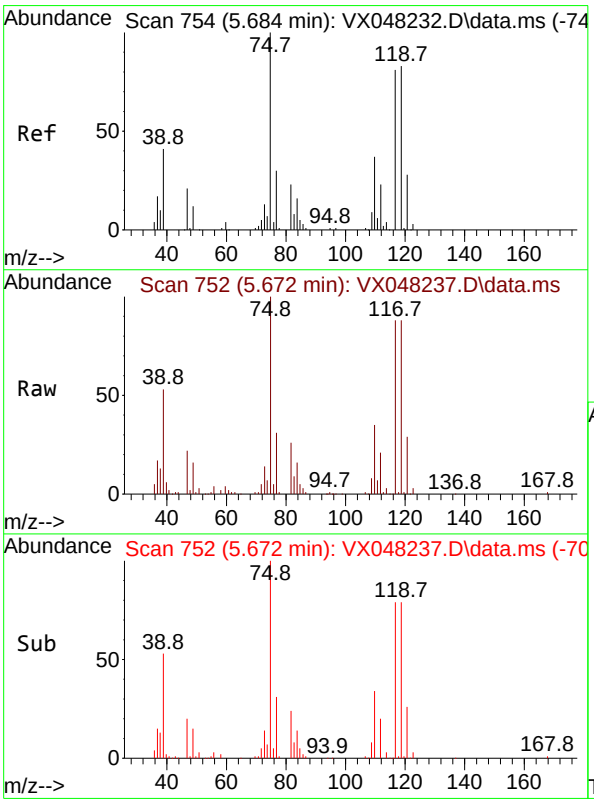
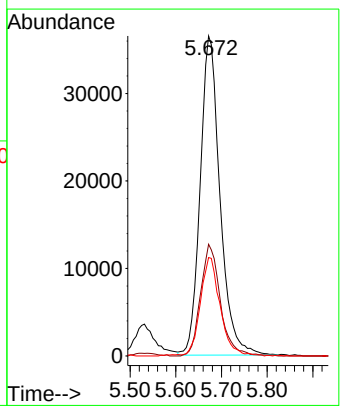
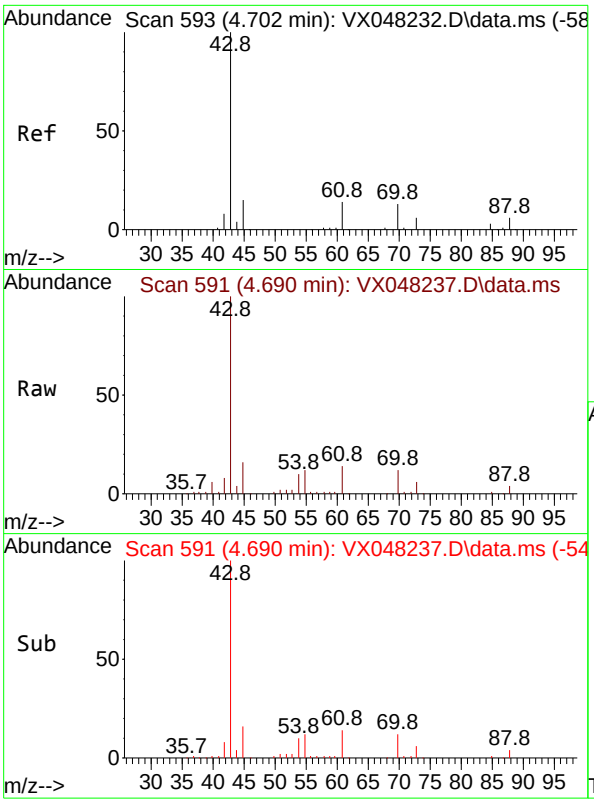


#36
1,1-Dichloropropene
Concen: 49.344 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 109957

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 47.684 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 8807

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.2	7.8	11.6

Instrument :
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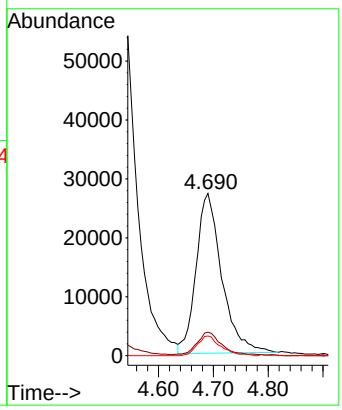
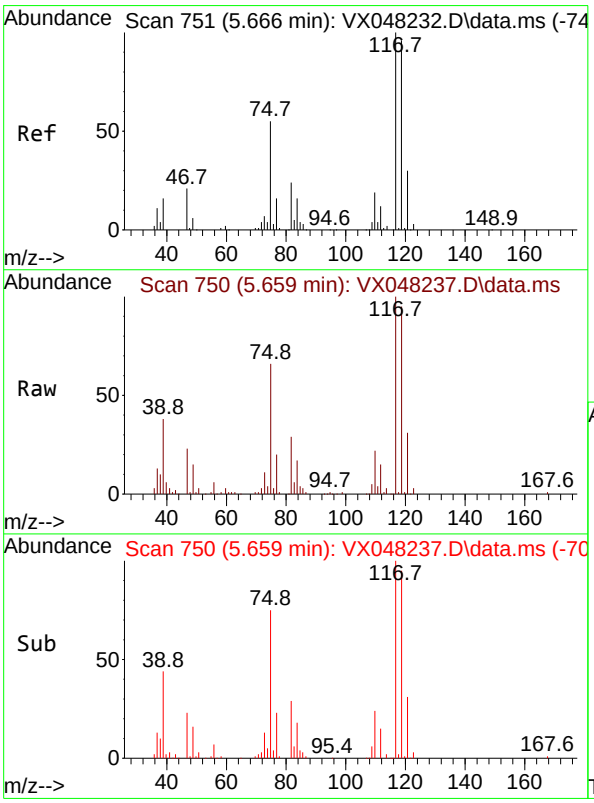
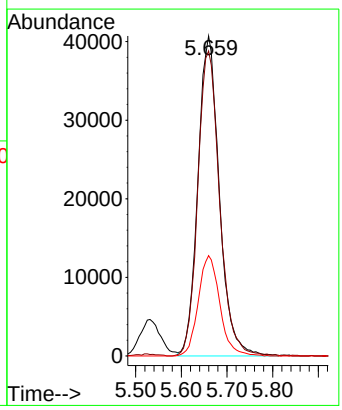


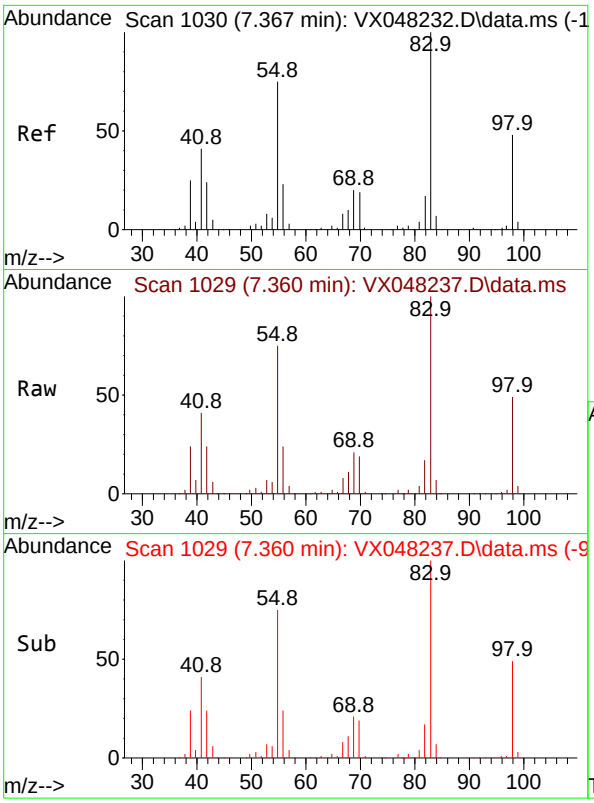


#38
Carbon Tetrachloride
Concen: 48.228 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 132590

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	31.4	24.8	37.2

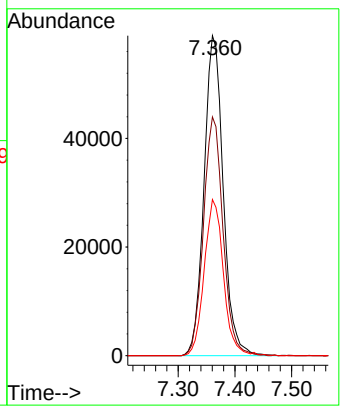




#39
Methylcyclohexane
Concen: 52.670 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 13861

Ion	Ratio	Lower	Upper
83	100		
55	74.6	66.2	99.2
98	48.8	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
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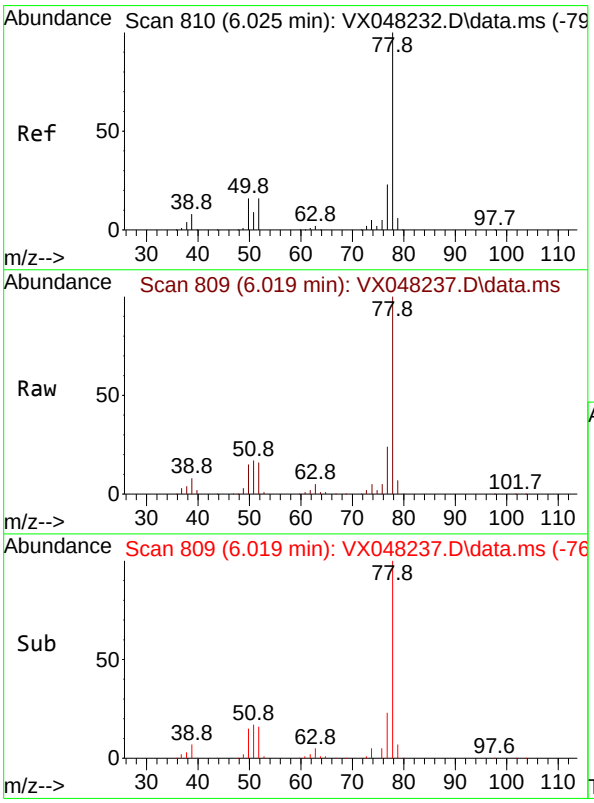
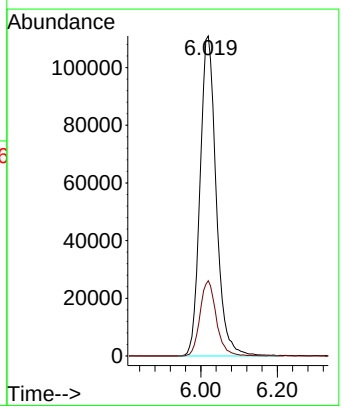
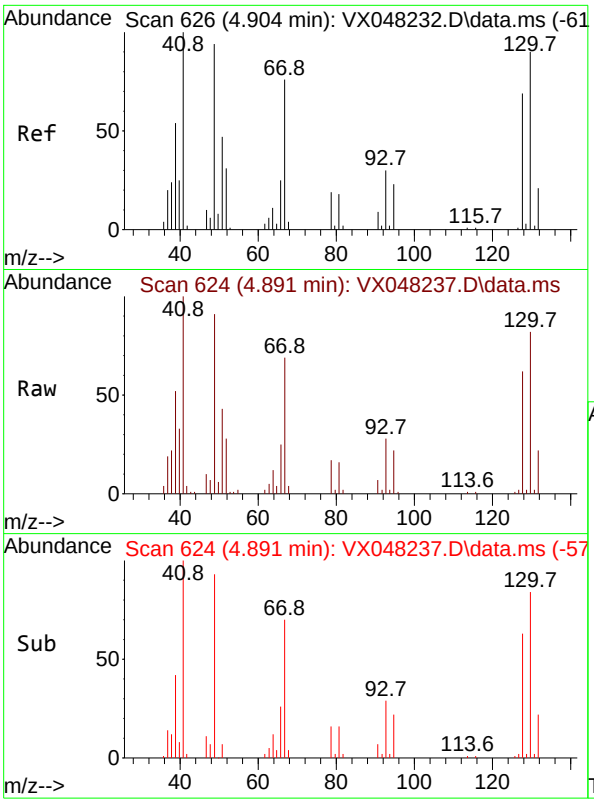


#40
Benzene
Concen: 50.241 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 78 Resp: 325041

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

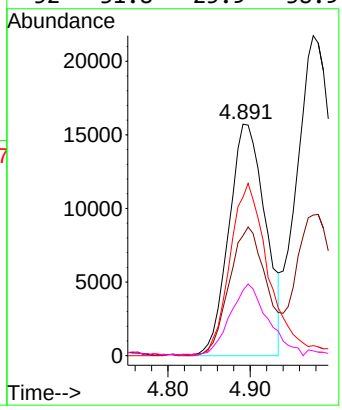




#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 4884

Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.0	66.0
67	80.7	58.7	88.1
52	31.8	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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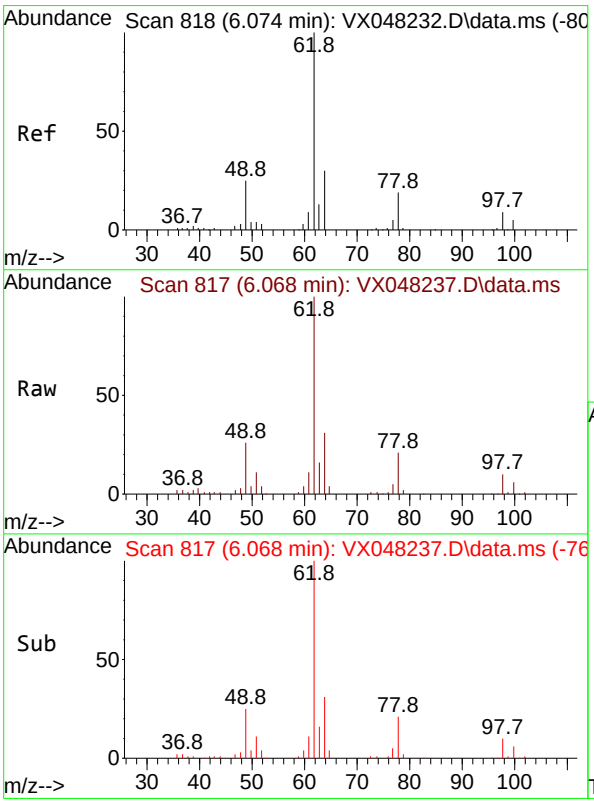
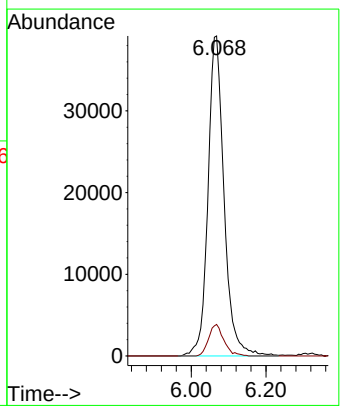
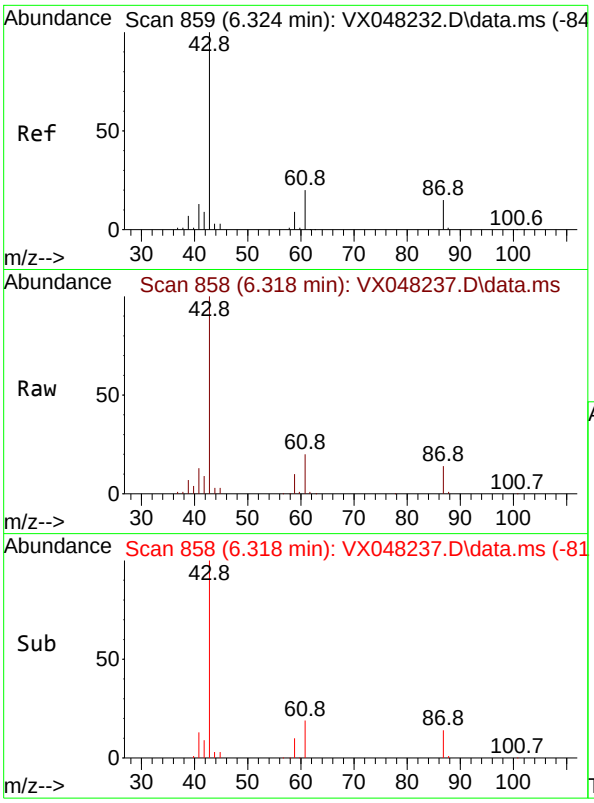


#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2

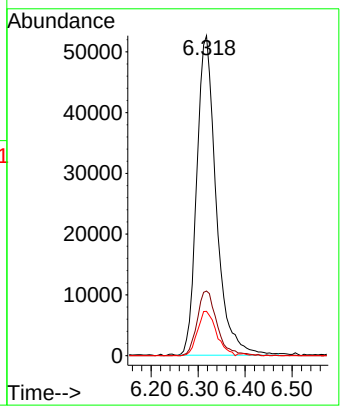




#43
Isopropyl Acetate
Concen: 49.816 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 15114

Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.9	22.3
87	13.5	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
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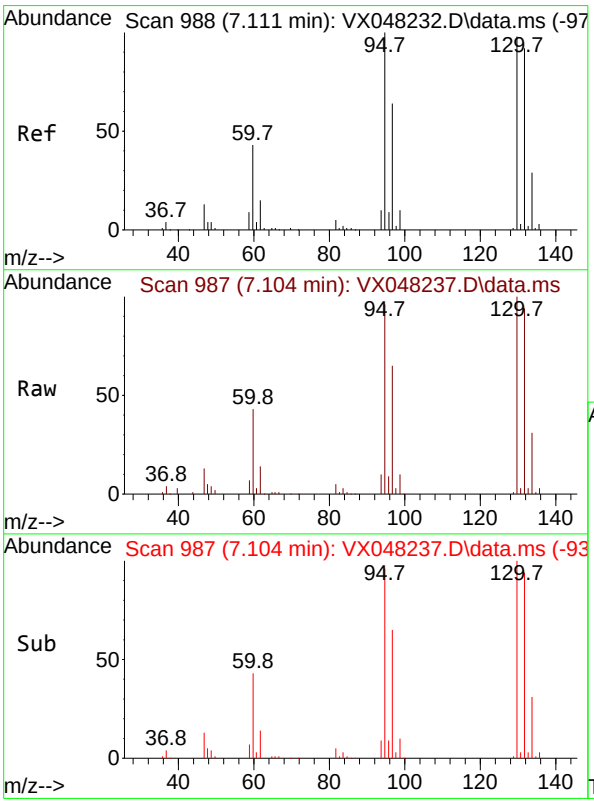
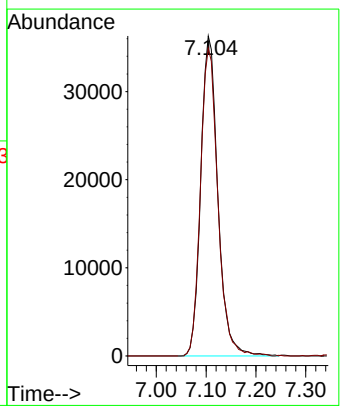
Supervised By :Semsettin Yesilyurt 10/21/2025

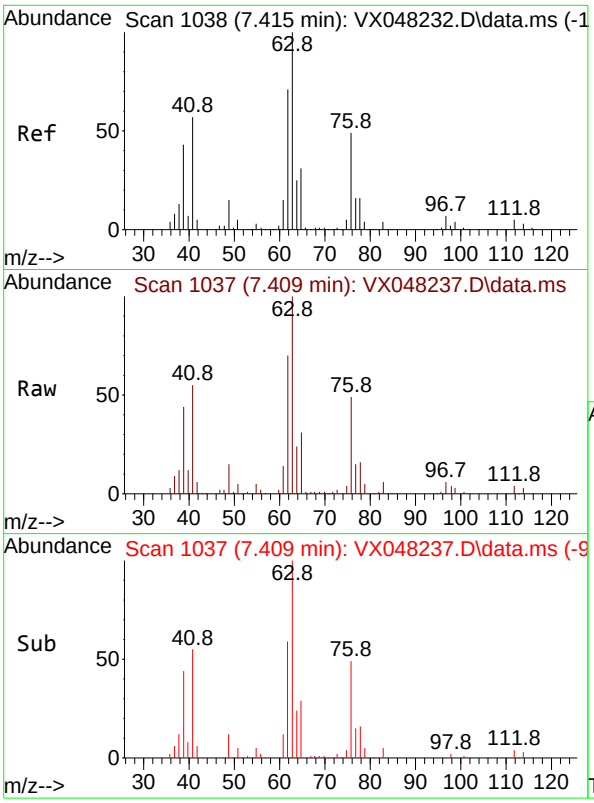


#44
Trichloroethene
Concen: 50.582 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:130 Resp: 86410

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	200.6





#45
1,2-Dichloropropane
Concen: 50.994 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 7843

Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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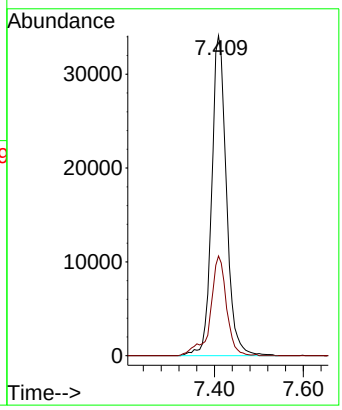
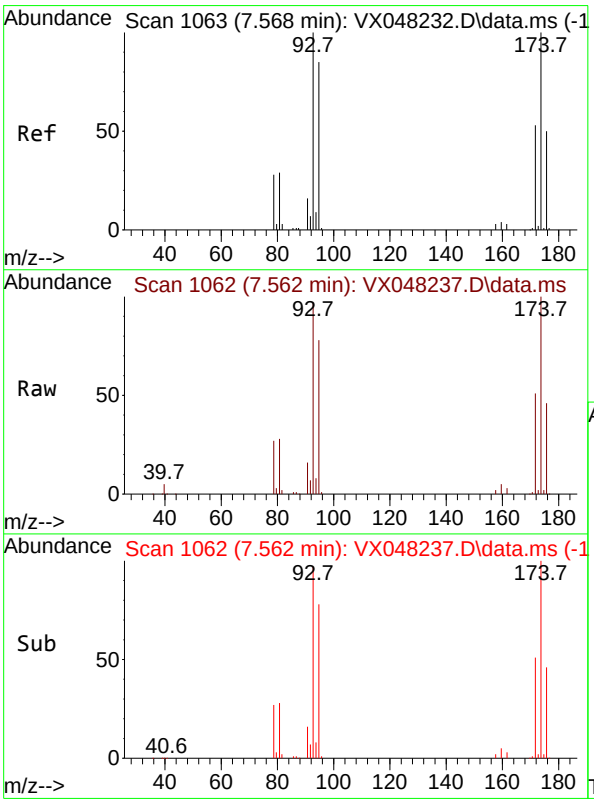
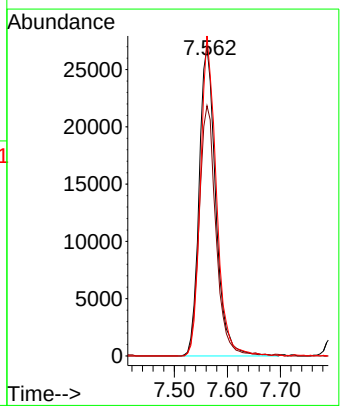


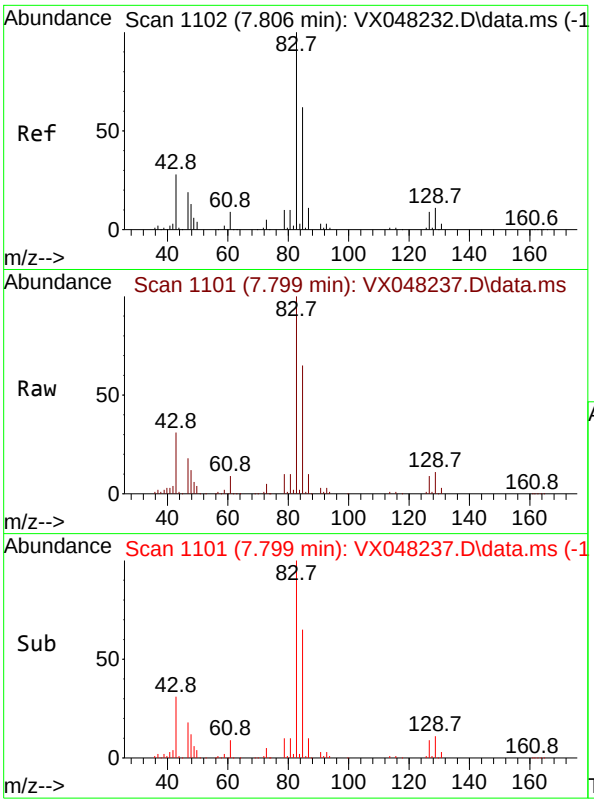


#46
Dibromomethane
Concen: 48.913 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 93 Resp: 58616

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.9	98.9
174	99.2	71.7	107.5

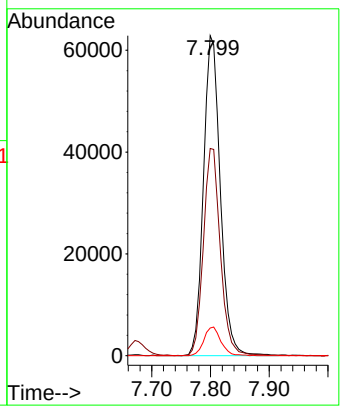




#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 12538

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.4
127	8.7	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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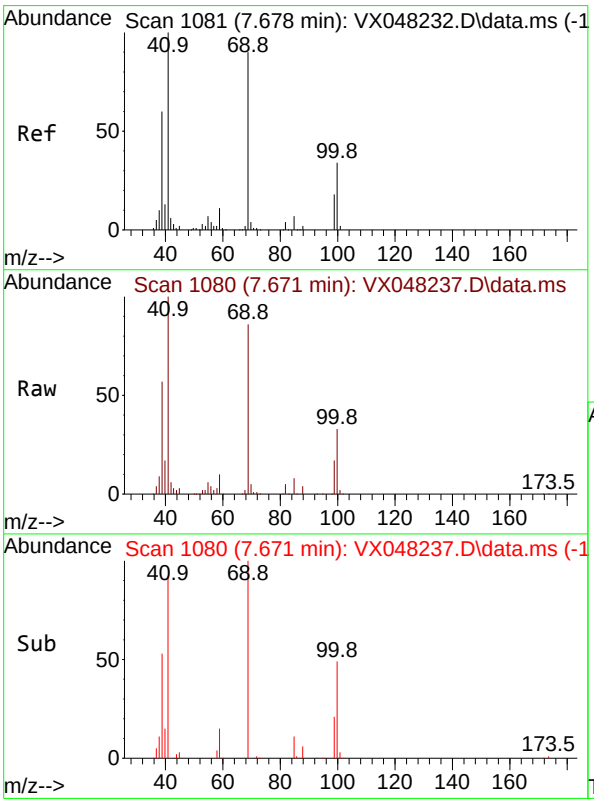
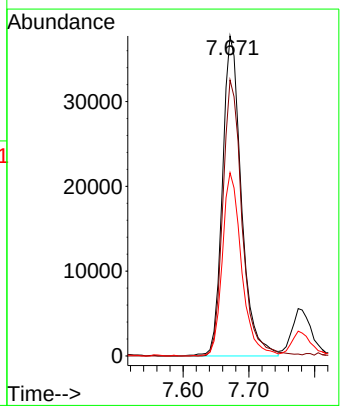
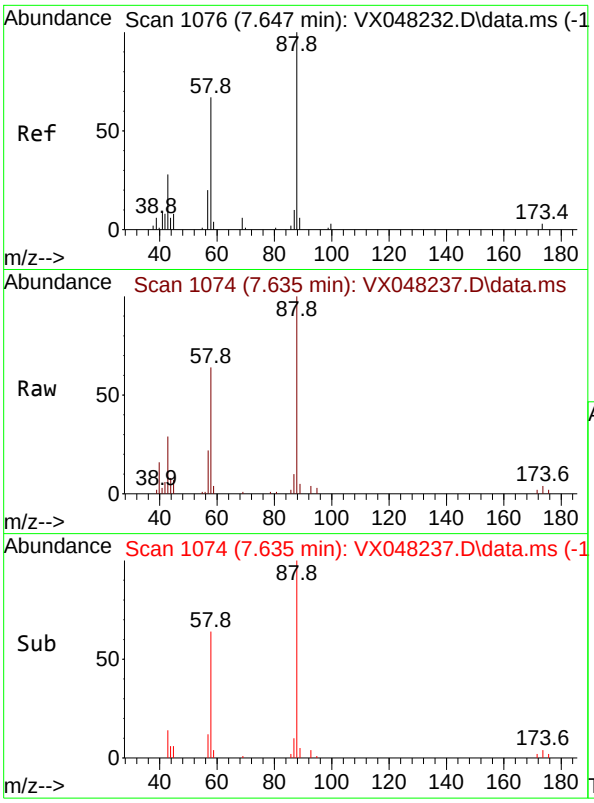


#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812

Ion	Ratio	Lower	Upper
41	100		
69	87.7	63.4	95.0
39	58.0	47.1	70.7

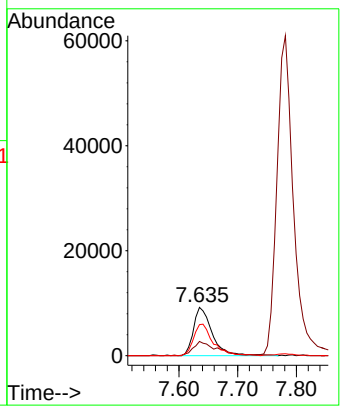




#49
1,4-Dioxane
Concen: 1000.197 ug/l
RT: 7.635 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 88 Resp: 2023

Ion	Ratio	Lower	Upper
88	100		
43	37.8	35.0	52.4
58	67.9	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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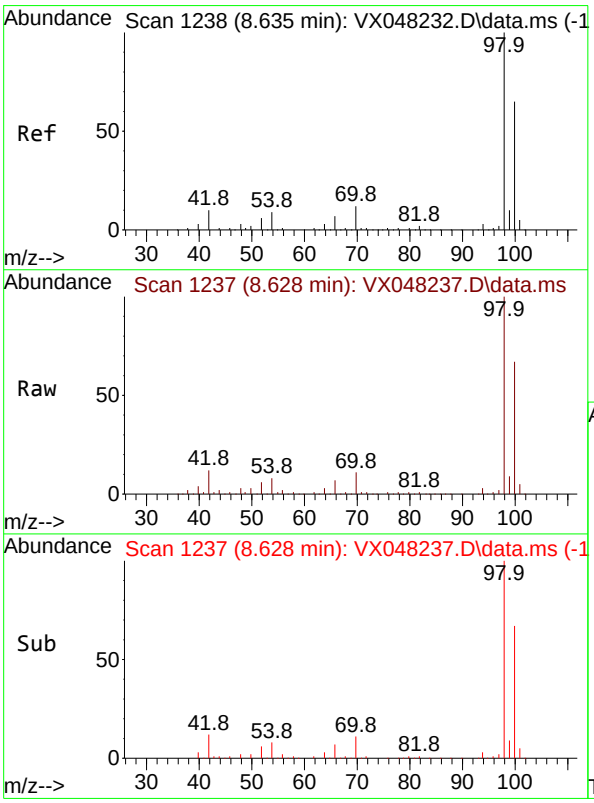
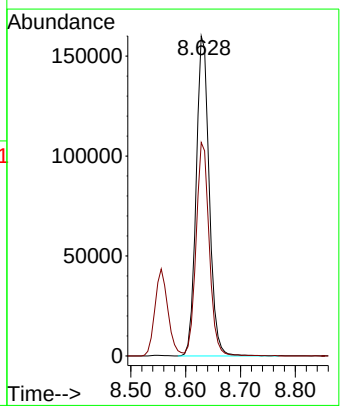
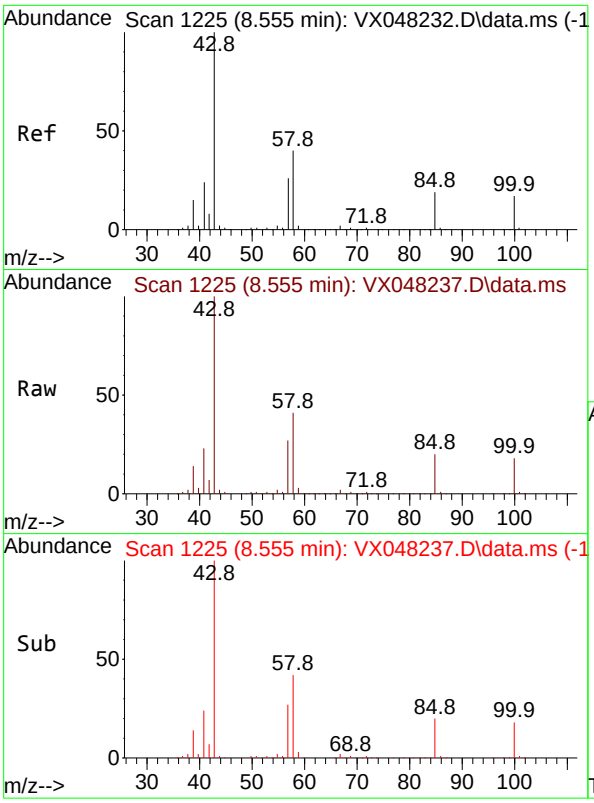


#50
Toluene-d8
Concen: 48.386 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 98 Resp: 265898

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

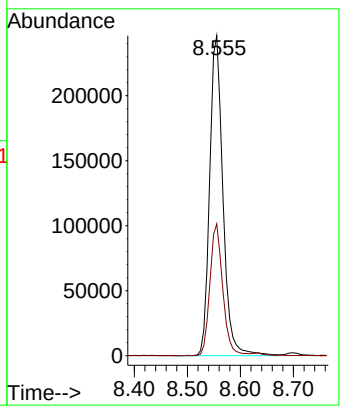




#51
4-Methyl-2-Pentanone
Concen: 244.897 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 42839

Ion	Ratio	Lower	Upper
43	100		
58	39.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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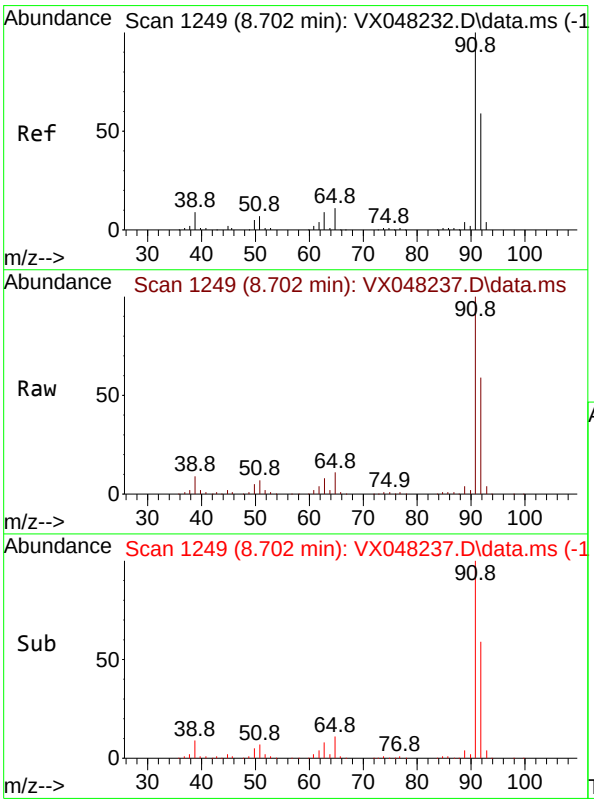
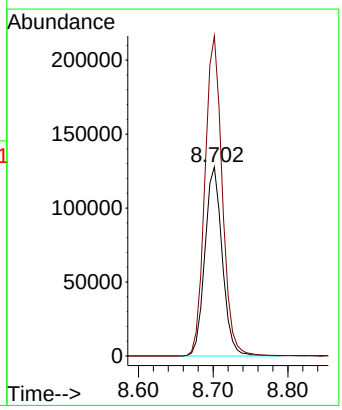
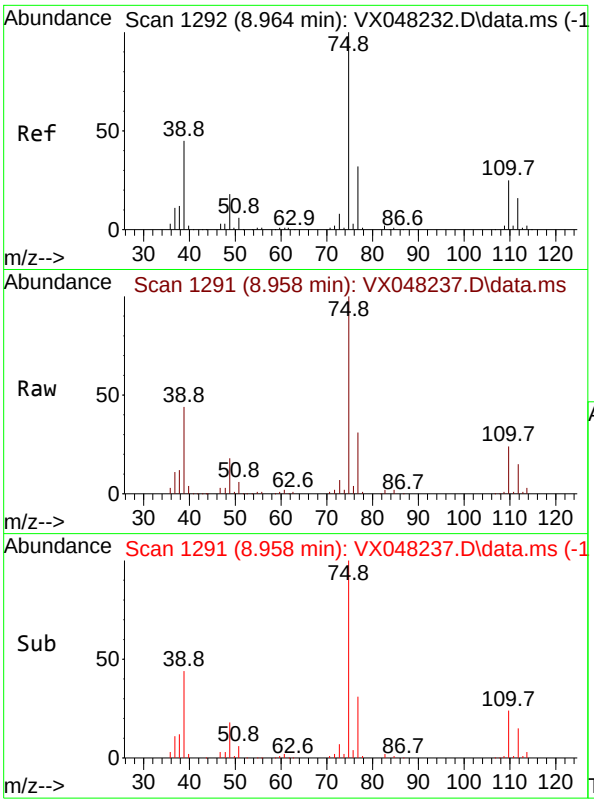


#52
Toluene
Concen: 50.088 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 92 Resp: 205867

Ion	Ratio	Lower	Upper
92	100		
91	169.0	136.1	204.1

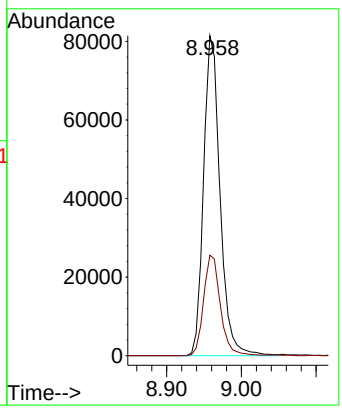




#53
t-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 12468

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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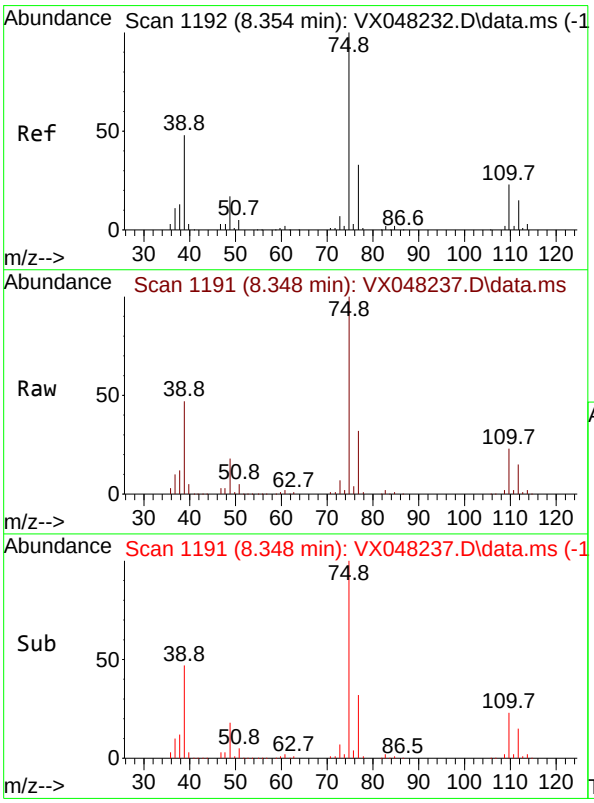
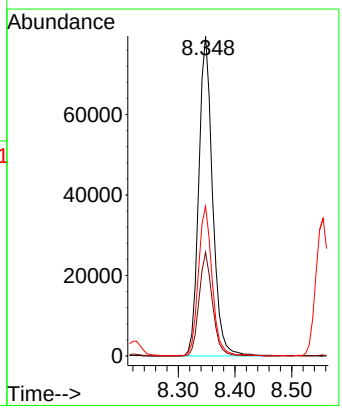
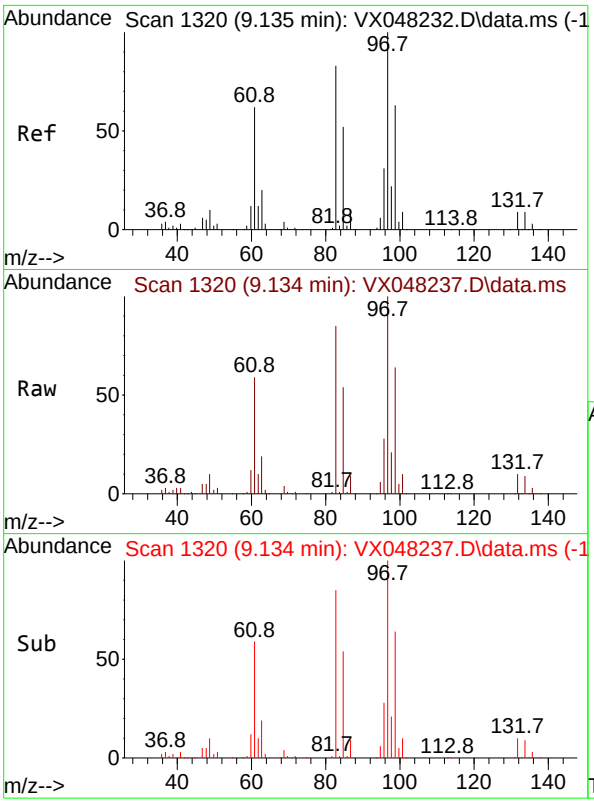


#54
cis-1,3-Dichloropropene
Concen: 49.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 134360

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.9	37.3
39	46.7	42.6	64.0

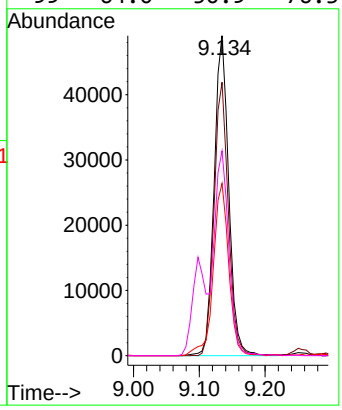




#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 7580

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	53.9	45.0	67.6
99	64.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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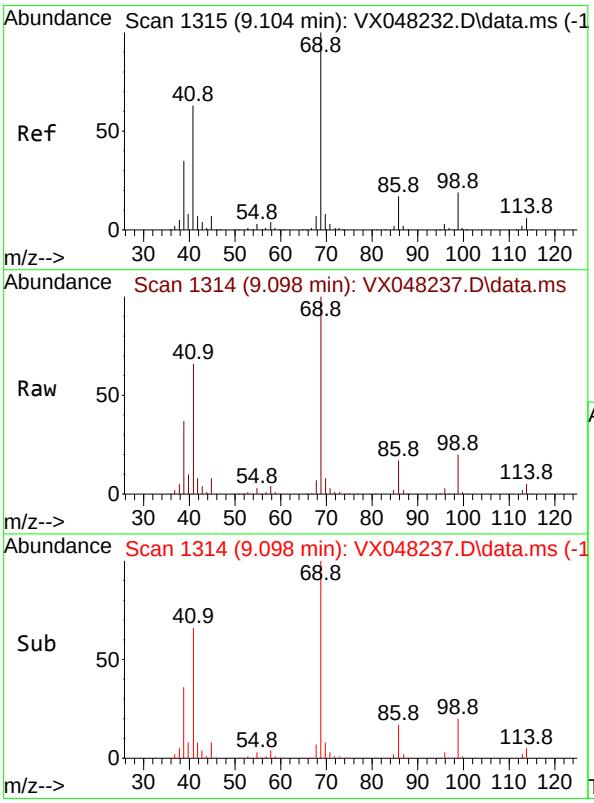
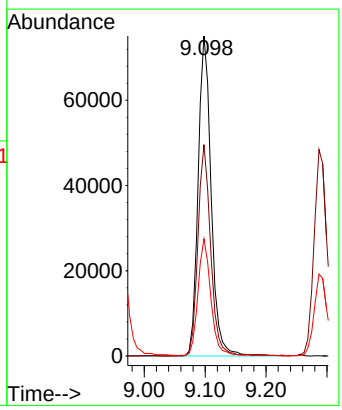
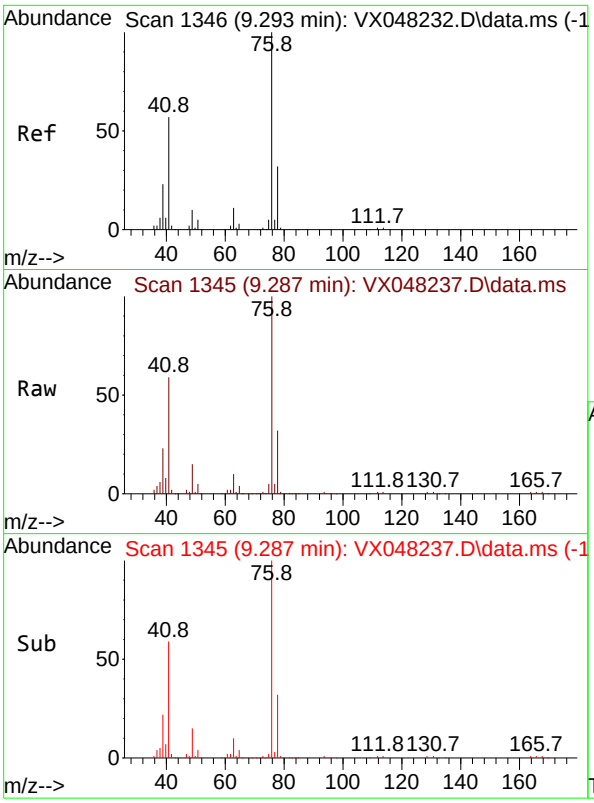


#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702

Ion	Ratio	Lower	Upper
69	100		
41	65.1	56.0	84.0
39	36.0	31.6	47.4





#57
1,3-Dichloropropane
Concen: 49.226 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 76 Resp: 12851

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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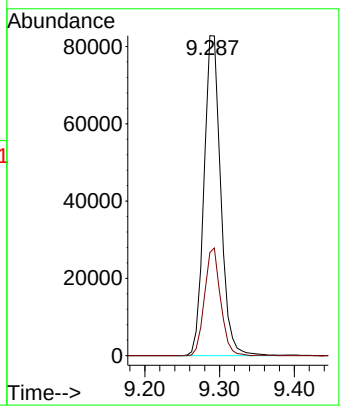
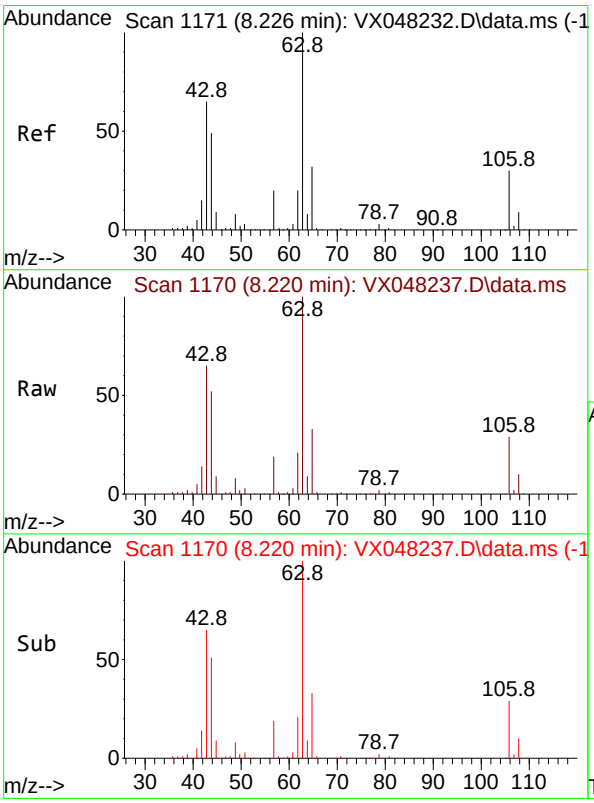
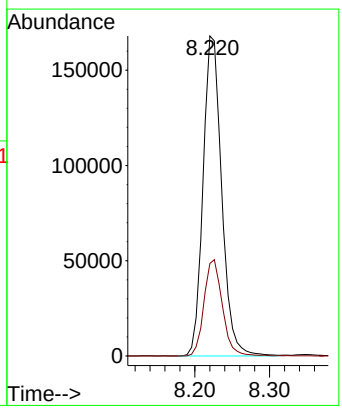


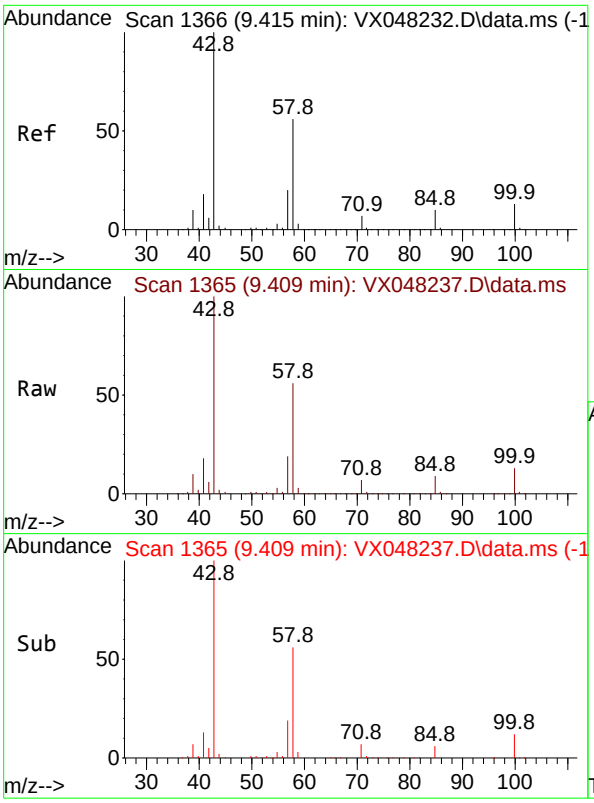


#58
2-Chloroethyl Vinyl ether
Concen: 242.124 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 290992

Ion	Ratio	Lower	Upper
63	100		
106	29.6	22.2	33.2





#59
2-Hexanone
Concen: 246.102 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 30018

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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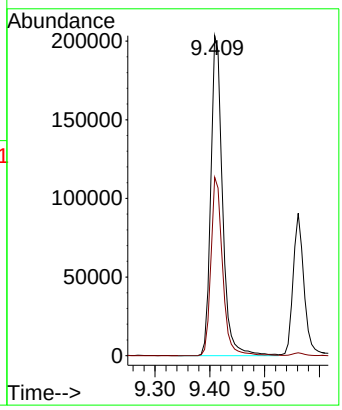
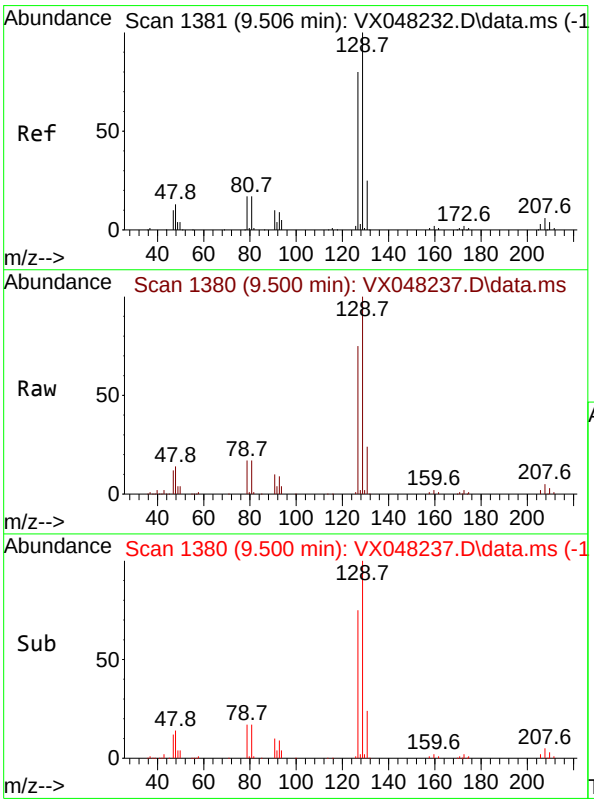
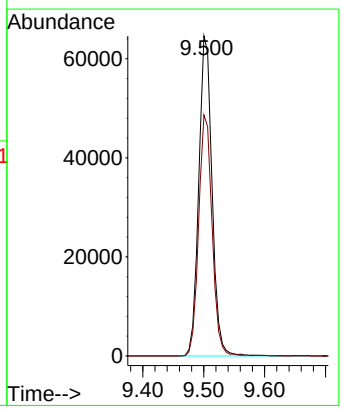


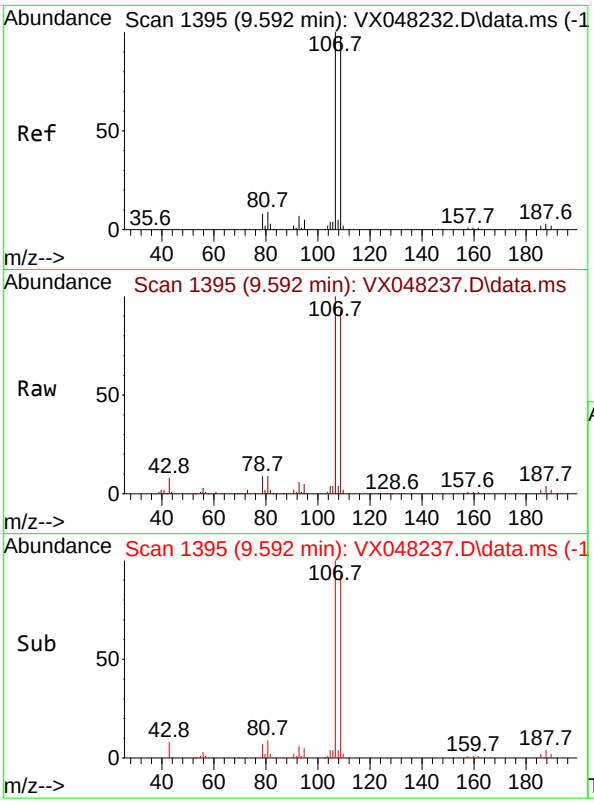


#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:129 Resp: 97643

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7





#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:107 Resp: 8036

Ion	Ratio	Lower	Upper
107	100		
109	93.1	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
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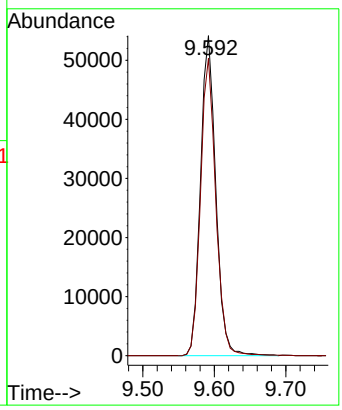
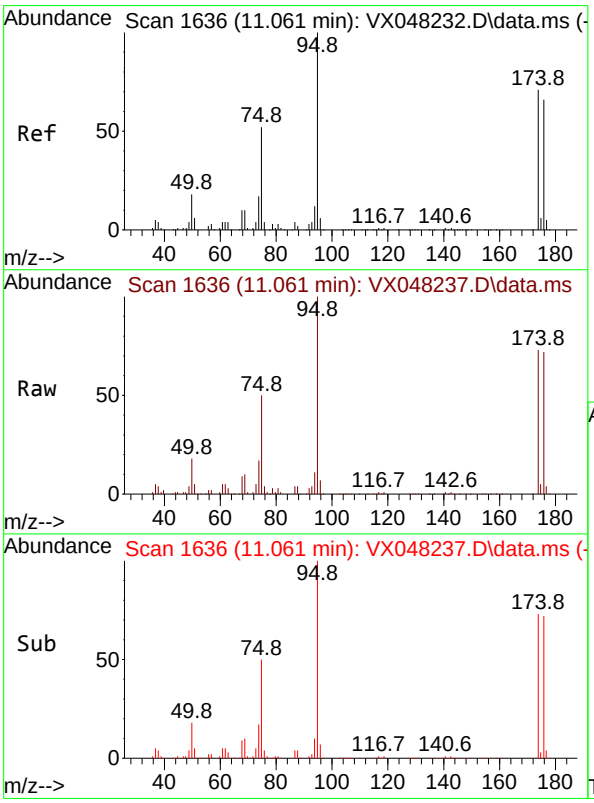
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

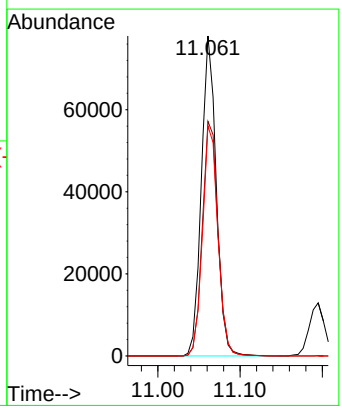


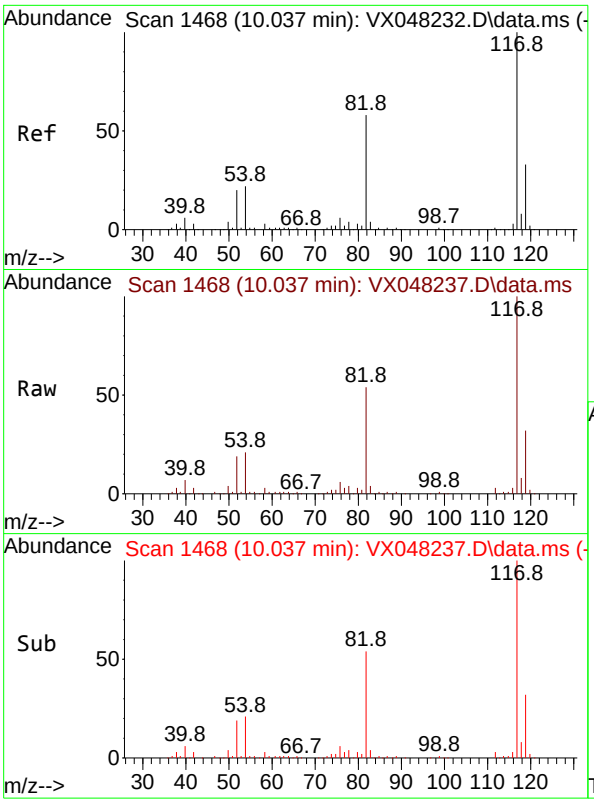


#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 95 Resp: 97828

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	147.8
176	74.2	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 20139

Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.5	69.7
119	32.2	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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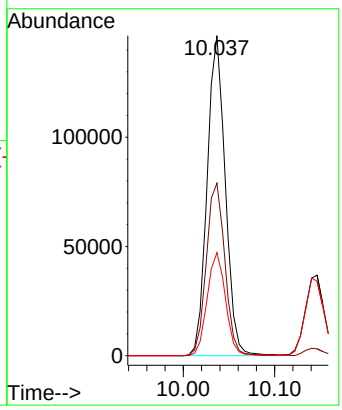
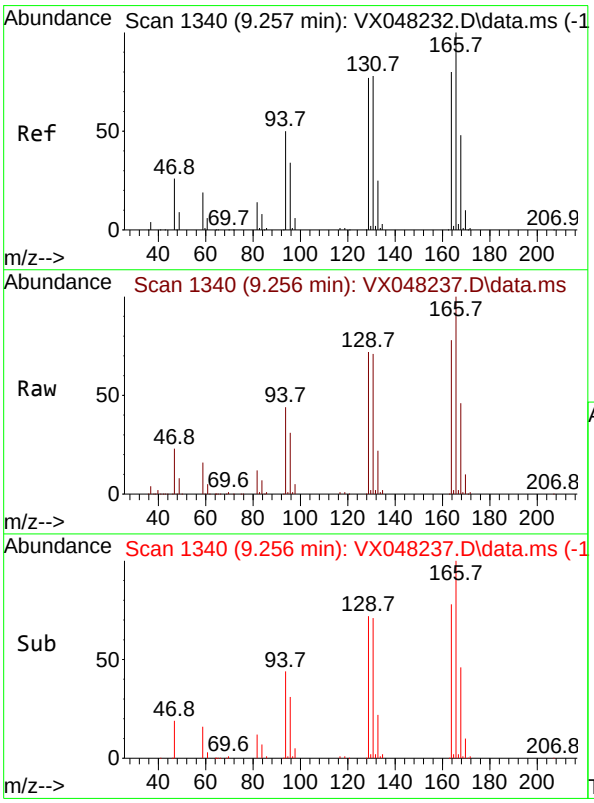
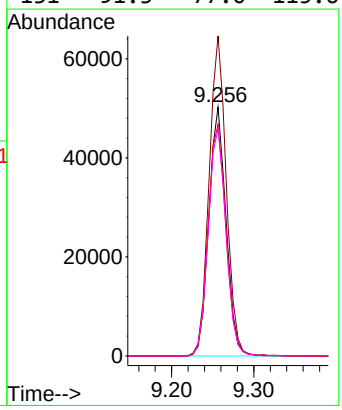


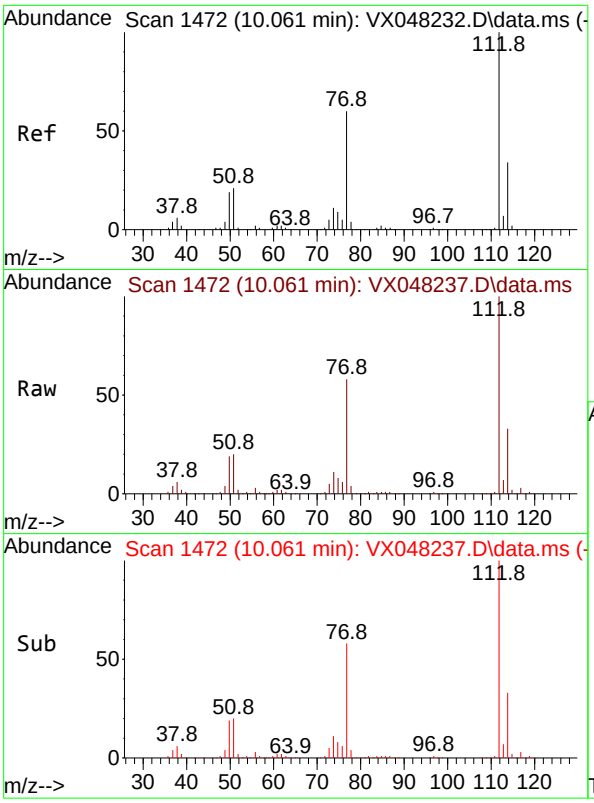


#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198

Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.5	156.7
129	93.1	81.8	122.6
131	91.3	77.0	115.6





#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:112 Resp: 22695

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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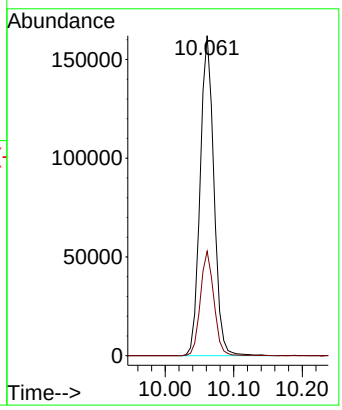
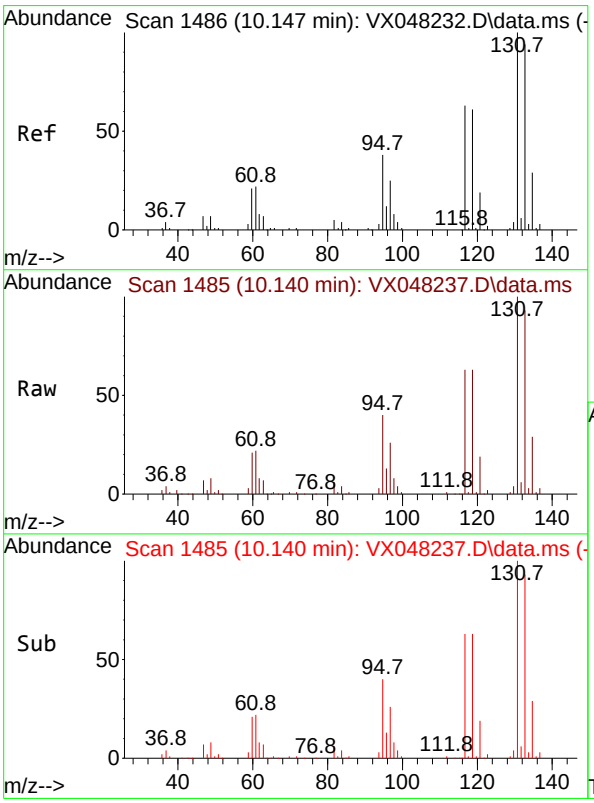
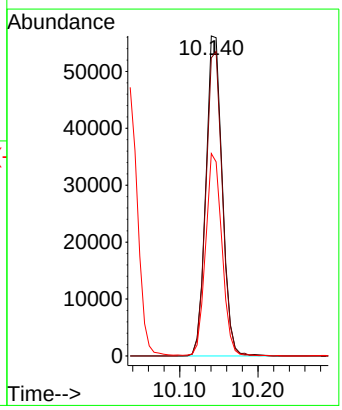


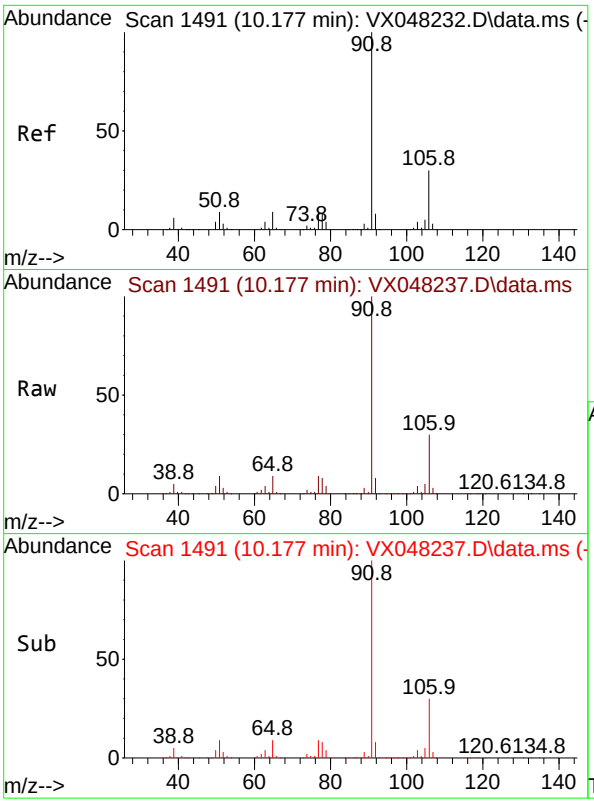


#66
1,1,1,2-Tetrachloroethane
Concen: 49.014 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:131 Resp: 81561

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	63.3	32.5	97.5

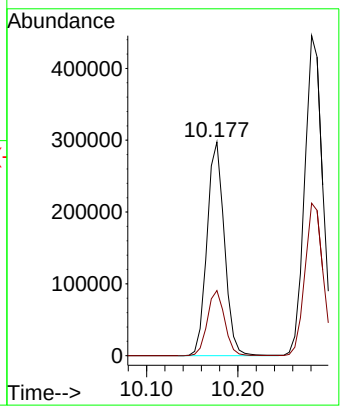




#67
Ethyl Benzene
Concen: 50.798 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 39183

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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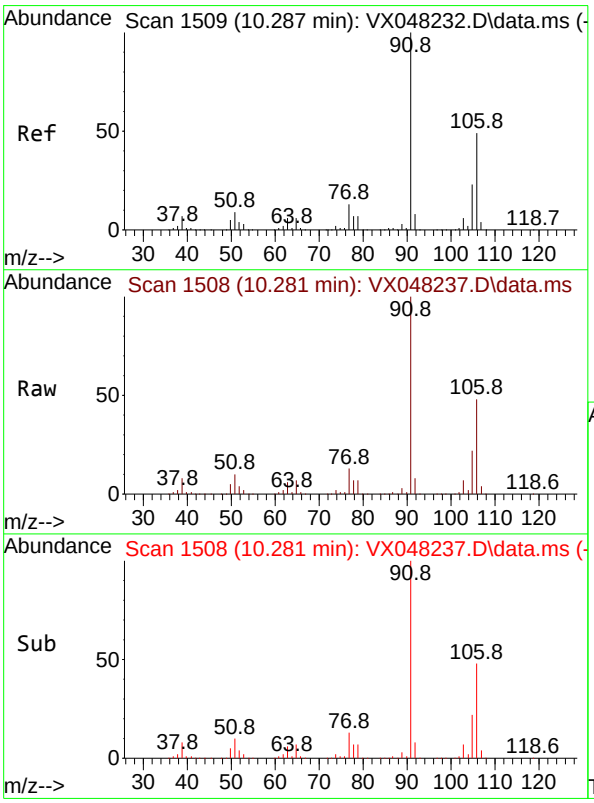
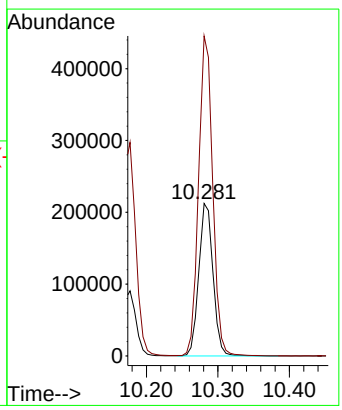
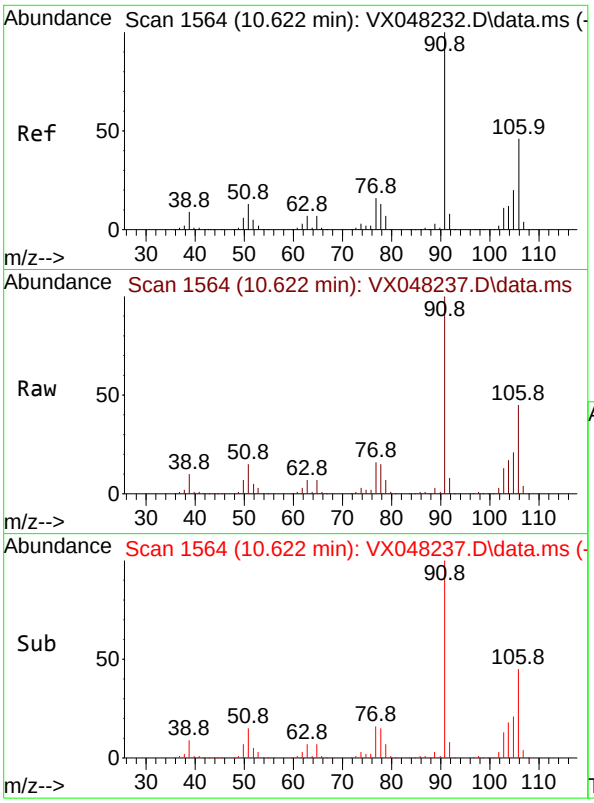


#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 293516

Ion	Ratio	Lower	Upper
106	100		
91	208.2	167.9	251.9





#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 13951

Ion	Ratio	Lower	Upper
106	100		
91	221.1	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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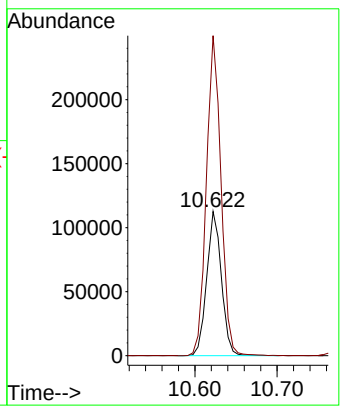
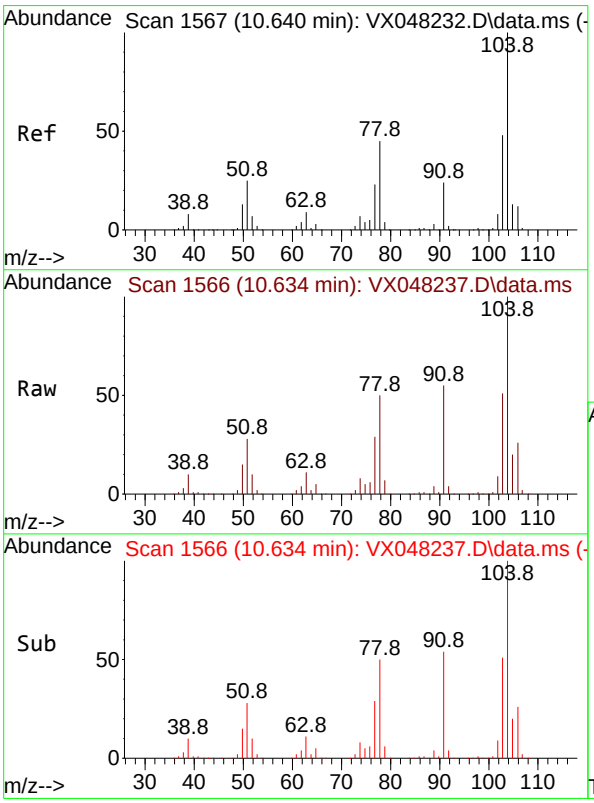
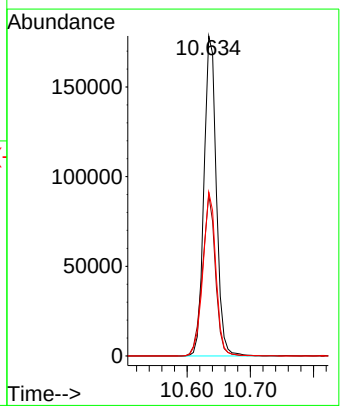


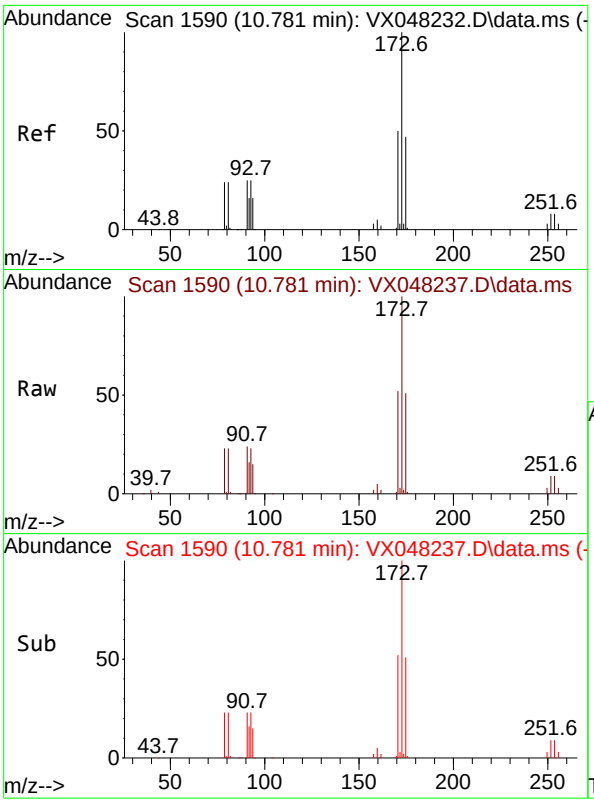


#70
Styrene
Concen: 51.651 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:104 Resp: 243341

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	53.8	43.0	64.4

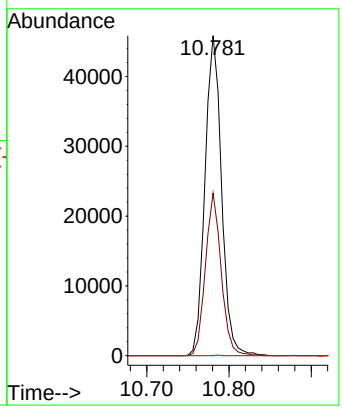




#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:173 Resp: 6417

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.1	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
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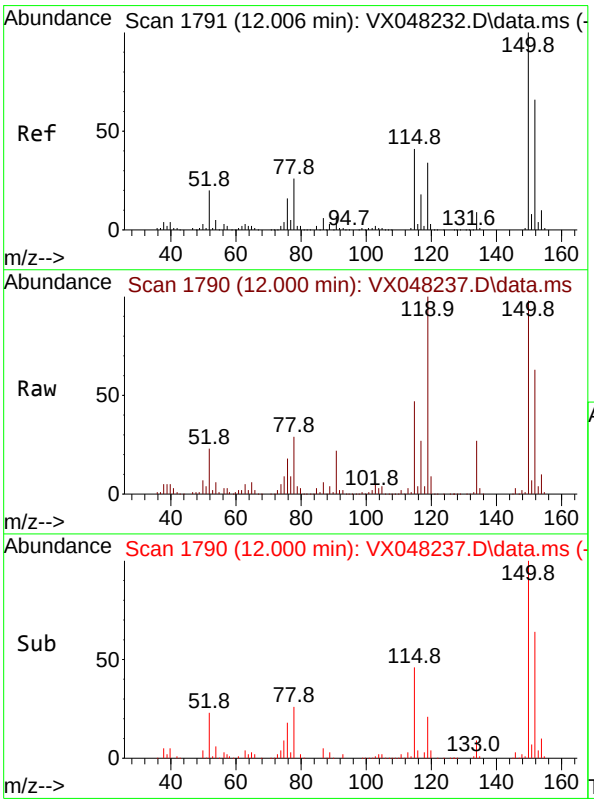
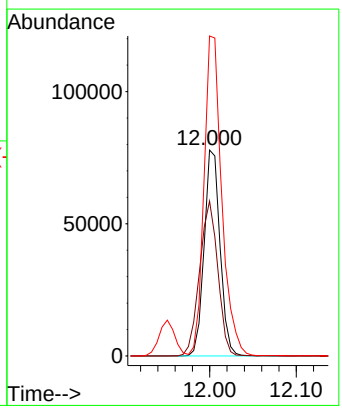
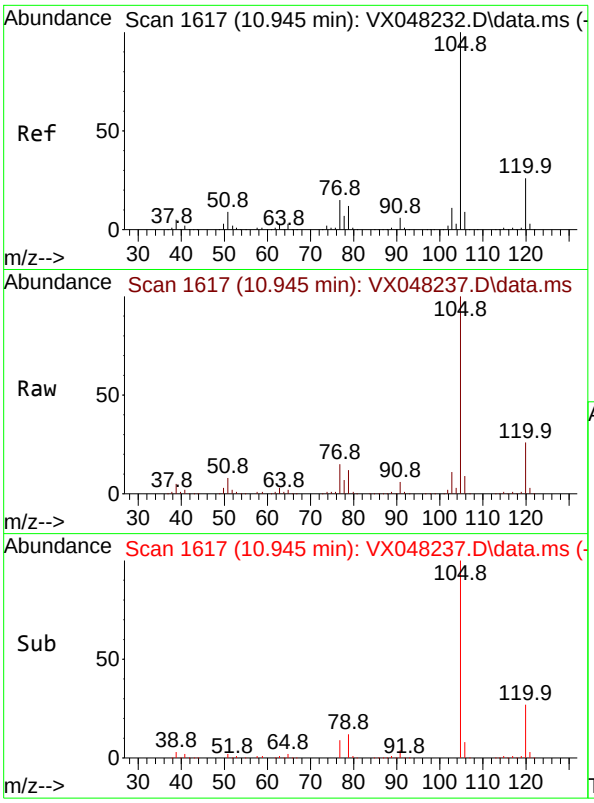


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:152 Resp: 99108

Ion	Ratio	Lower	Upper
152	100		
115	86.2	43.1	129.4
150	173.4	0.0	353.0





#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 373948

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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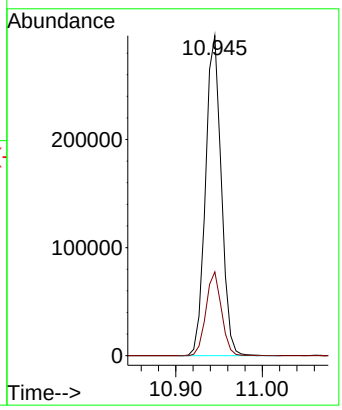
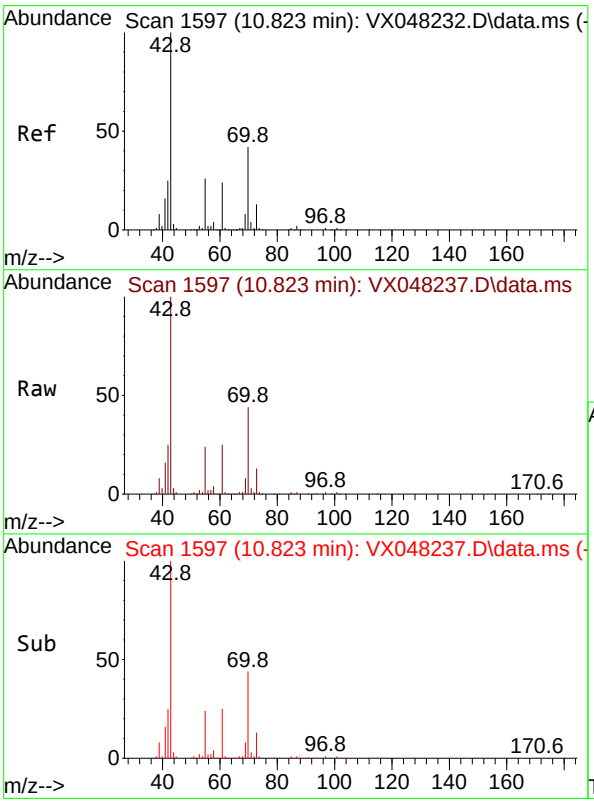
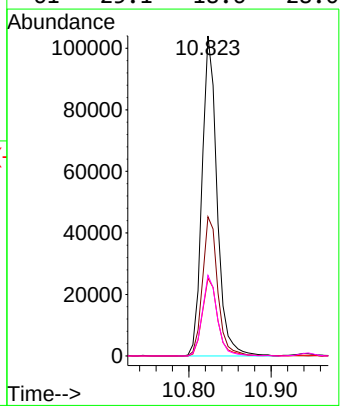


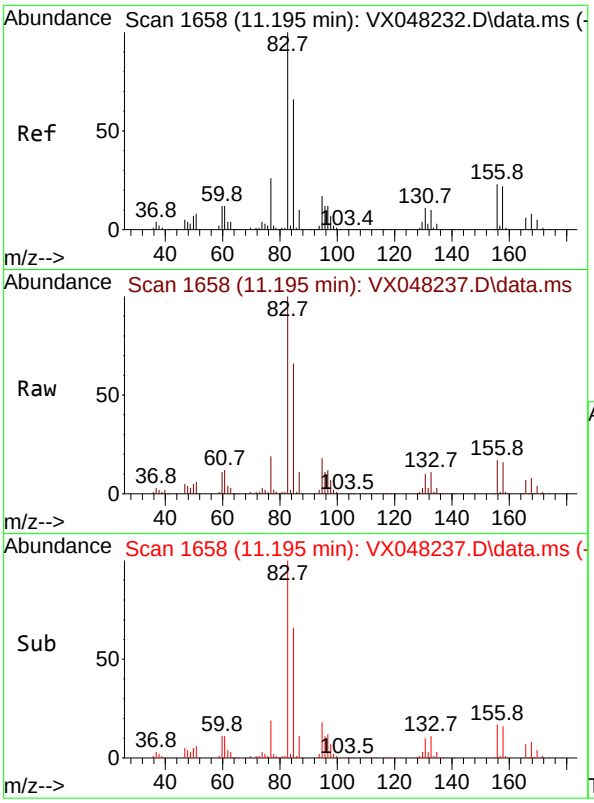


#74
N-amyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979

Ion	Ratio	Lower	Upper
43	100		
70	44.1	32.2	48.2
55	25.0	19.1	28.7
61	25.1	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 9871

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	64.8	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
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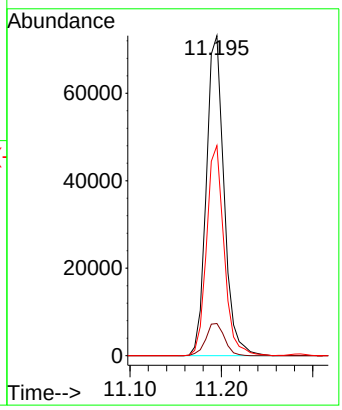
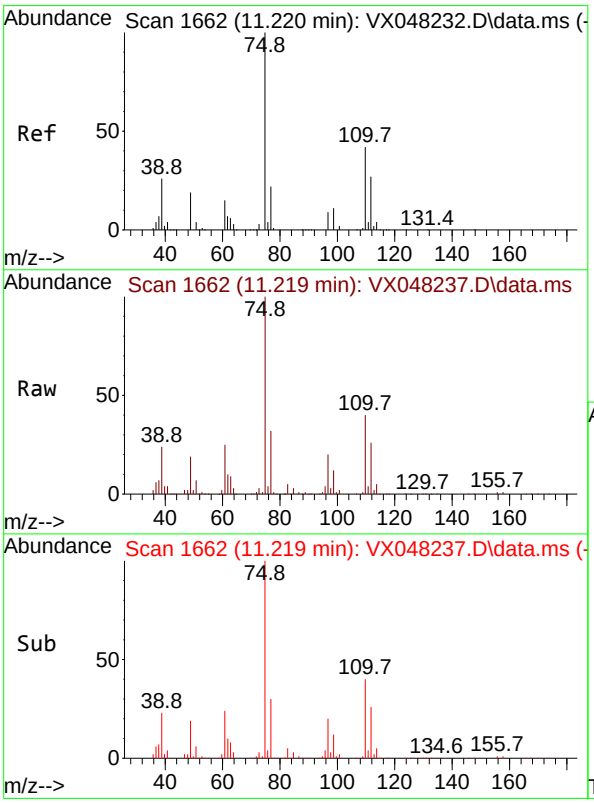
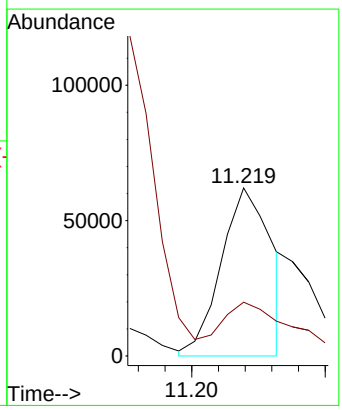


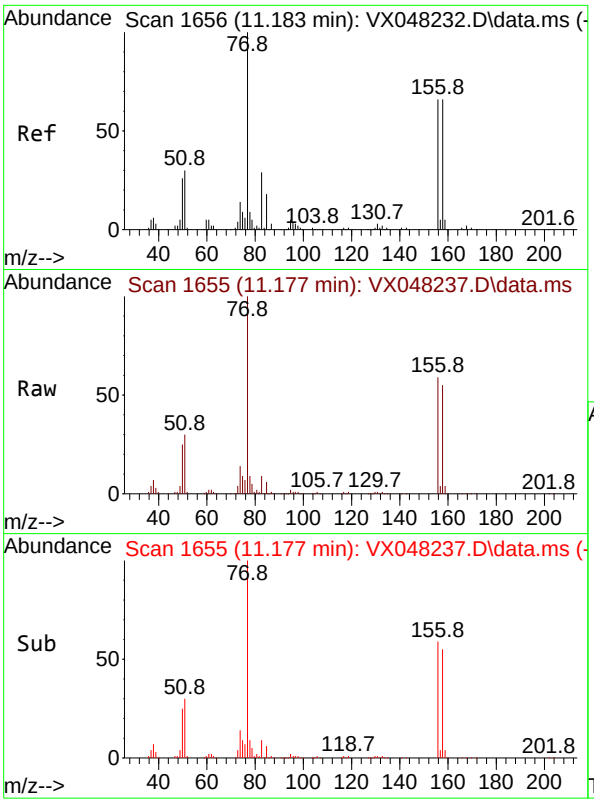


#76
1,2,3-Trichloropropane
Concen: 50.456 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 81093

Ion	Ratio	Lower	Upper
75	100		
77	45.4	22.4	67.2





#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:156 Resp: 9100

Ion	Ratio	Lower	Upper
156	100		
77	162.5	87.0	261.0
158	96.4	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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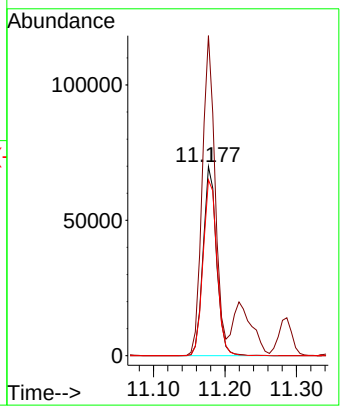
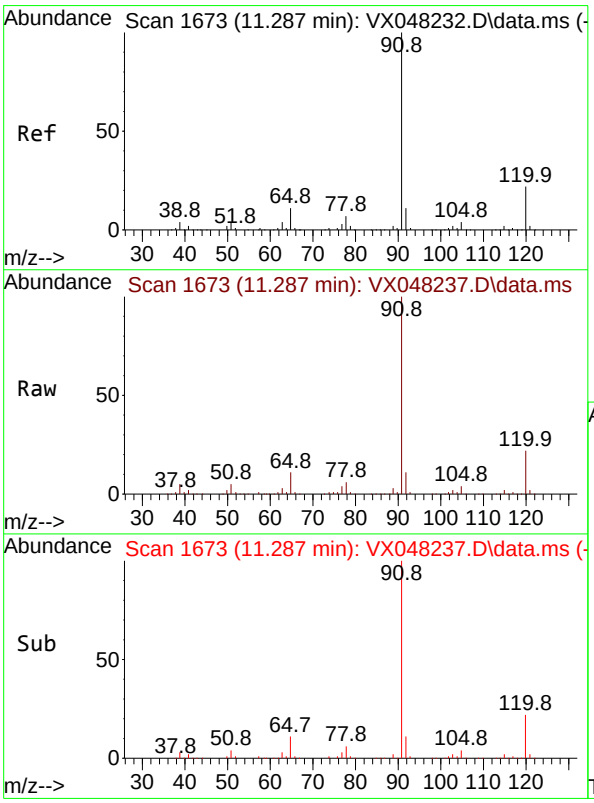
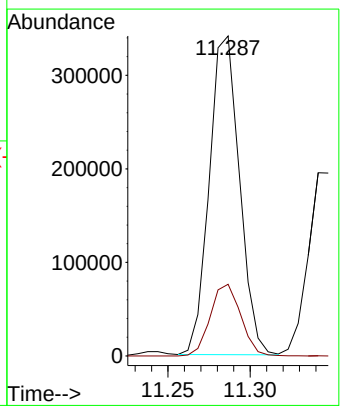


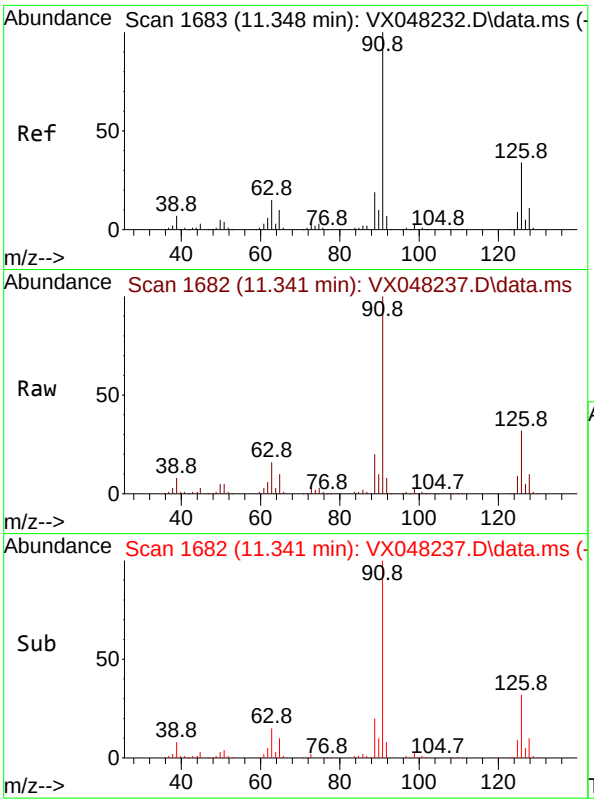


#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 435662

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1





#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 25793

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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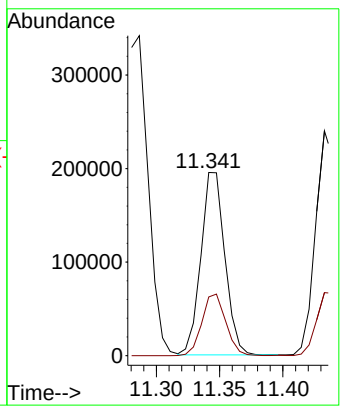
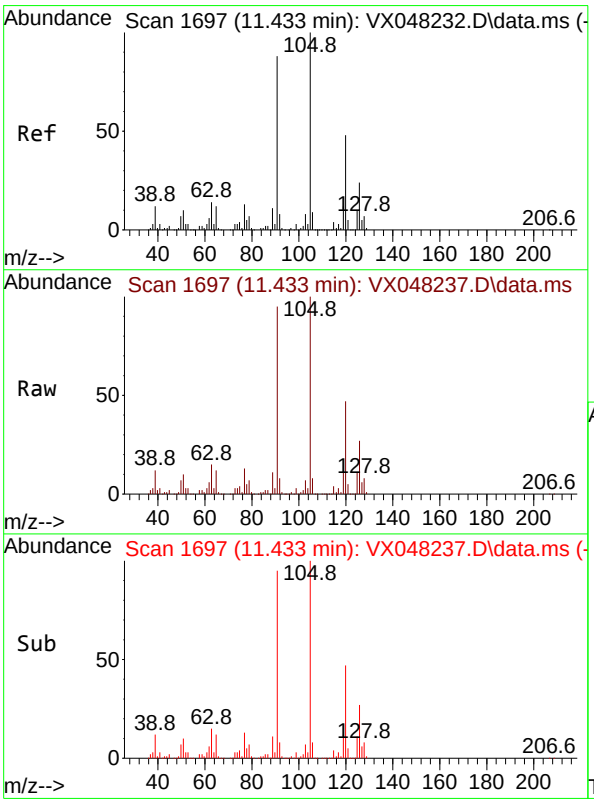
Supervised By :Semsettin Yesilyurt 10/21/2025

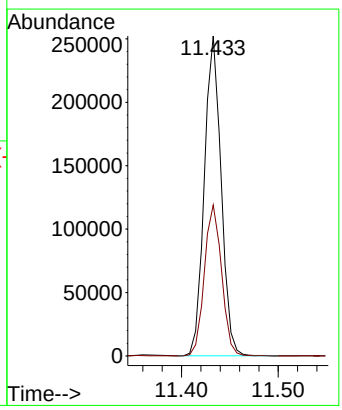


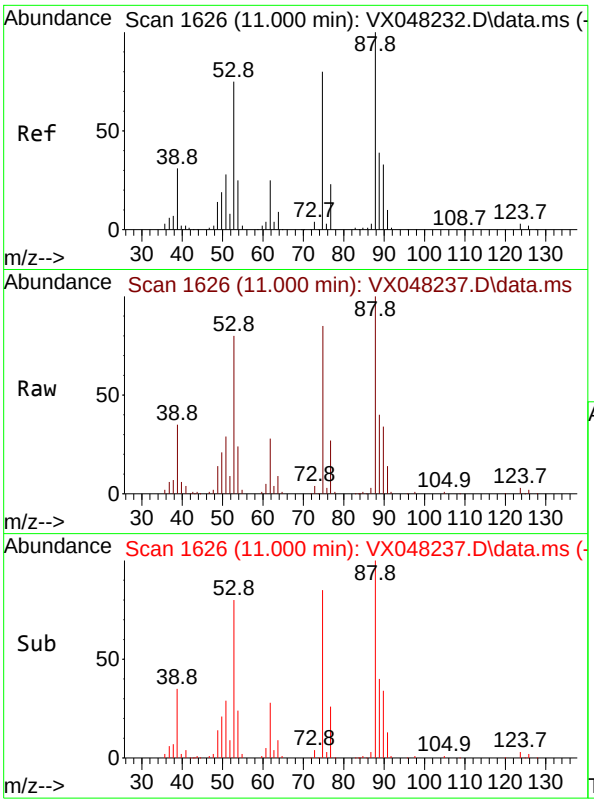


#80
1,3,5-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 305027

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

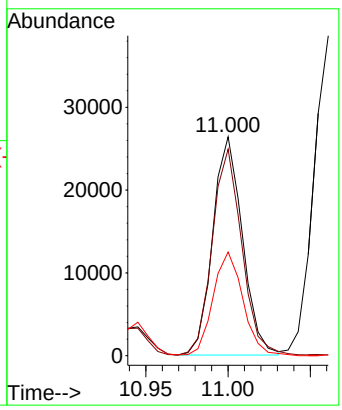
Tgt Ion: 75 Resp: 3302

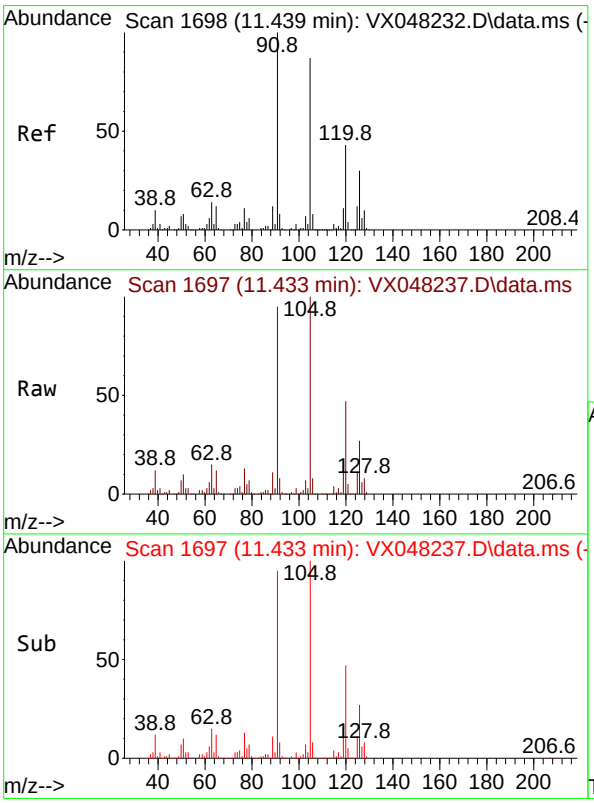
Ion	Ratio	Lower	Upper
75	100		
53	95.4	79.5	119.3
89	48.1	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

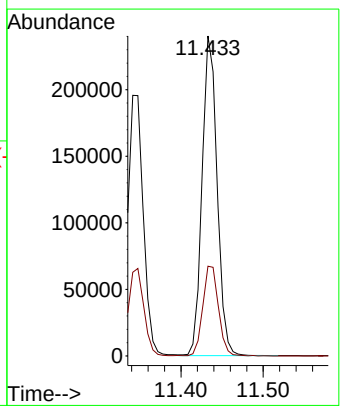


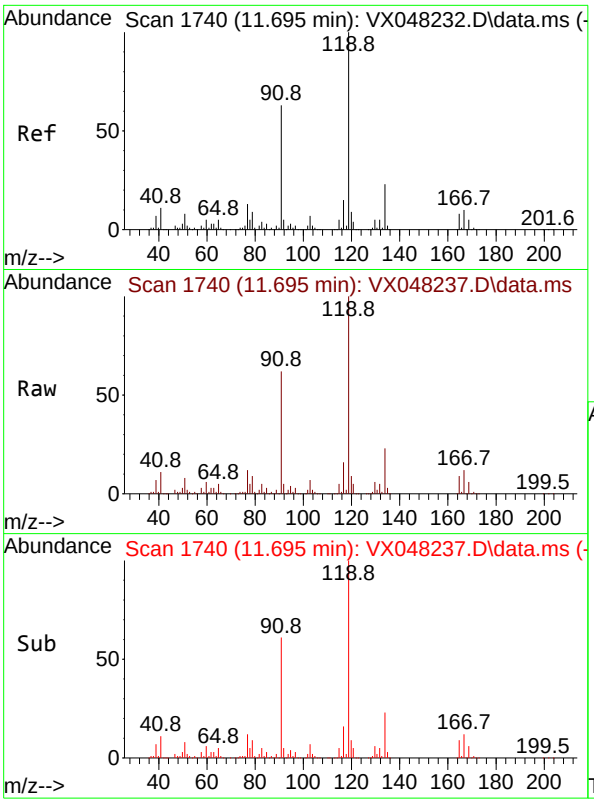


#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.1	42.4

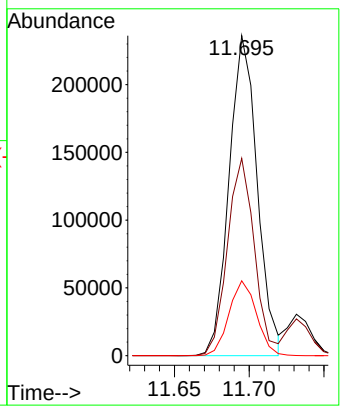




#83
tert-Butylbenzene
Concen: 50.288 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 30952

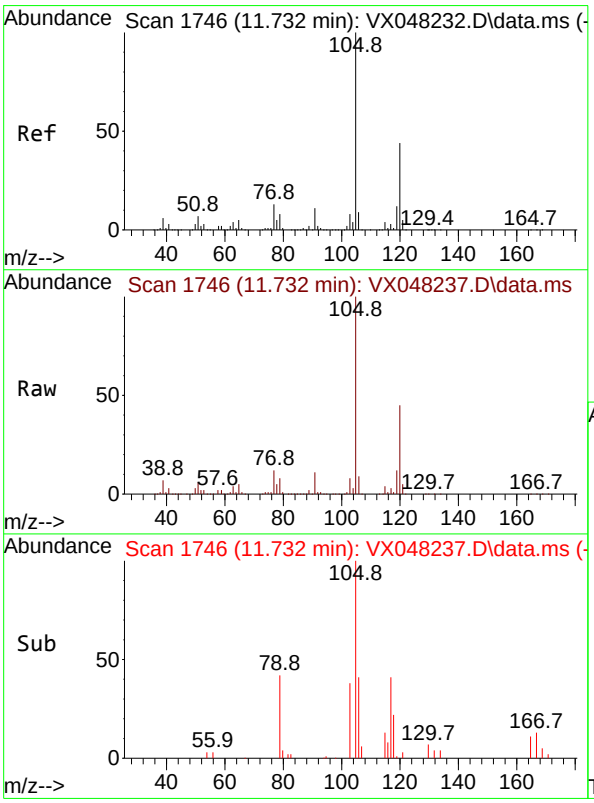
Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.3	91.0
134	22.9	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

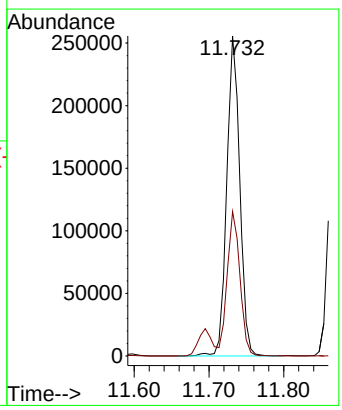
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

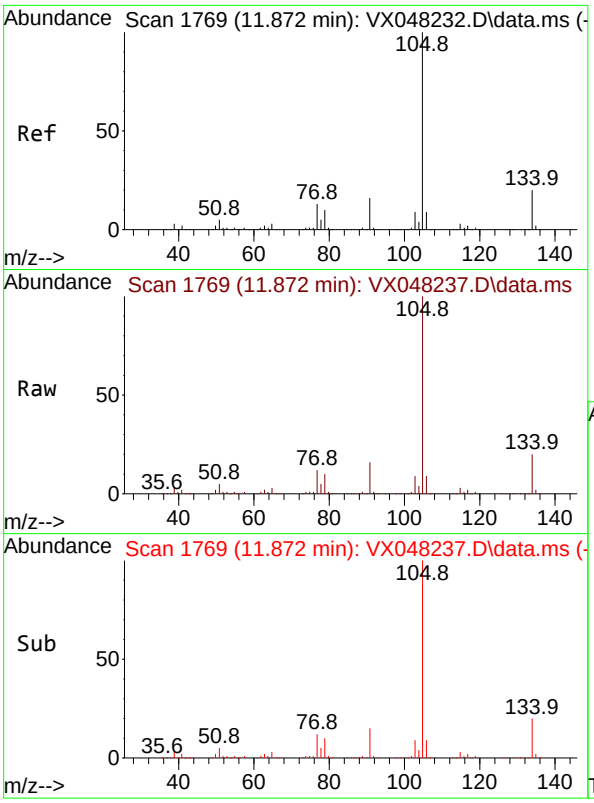


#84
1,2,4-Trimethylbenzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 308529

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5

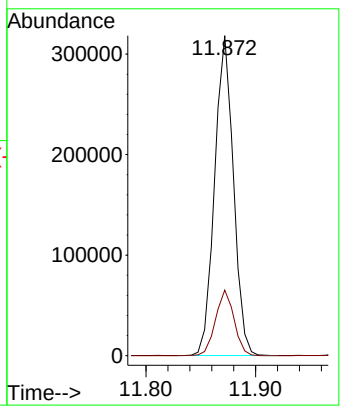




#85
sec-Butylbenzene
Concen: 51.230 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 37936

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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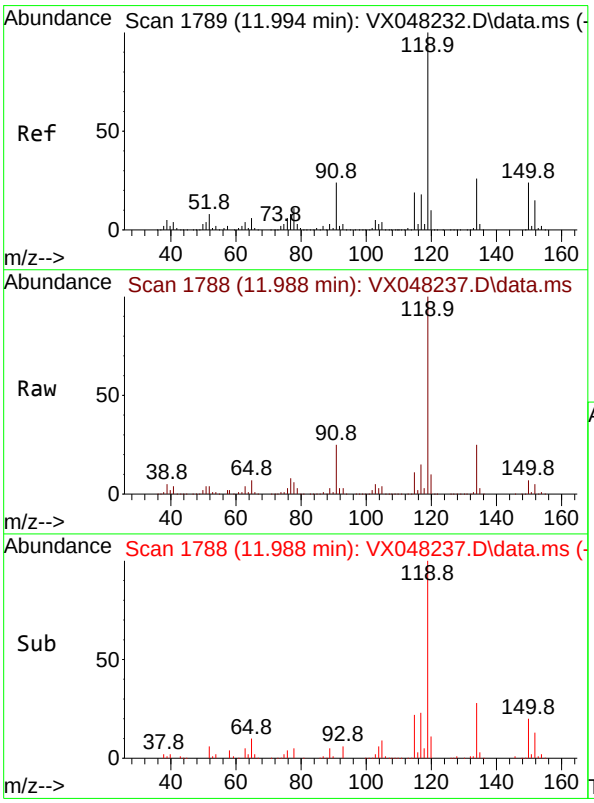
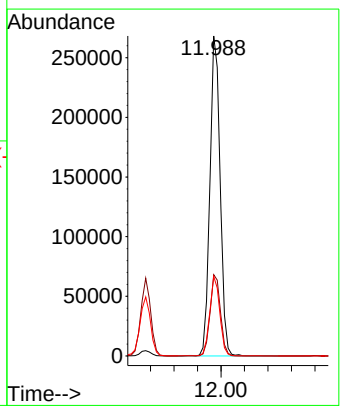
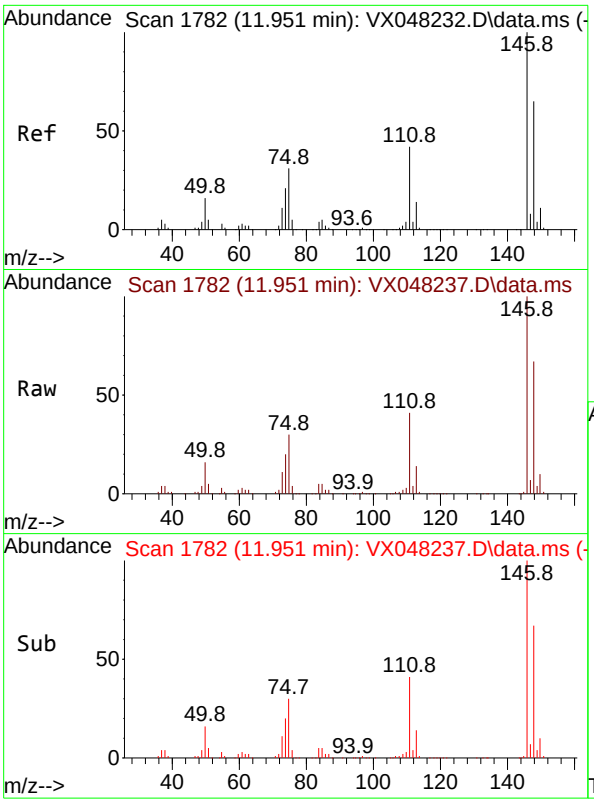


#86
p-Isopropyltoluene
Concen: 50.686 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 324425

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.3	12.1	36.3





#87
1,3-Dichlorobenzene
Concen: 48.229 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 16502

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	65.3	31.9	95.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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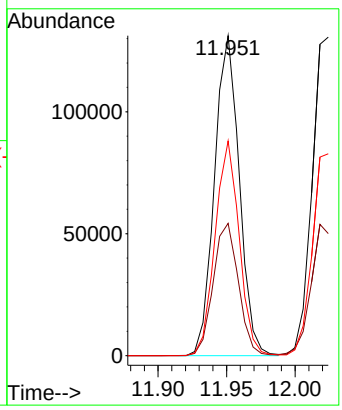
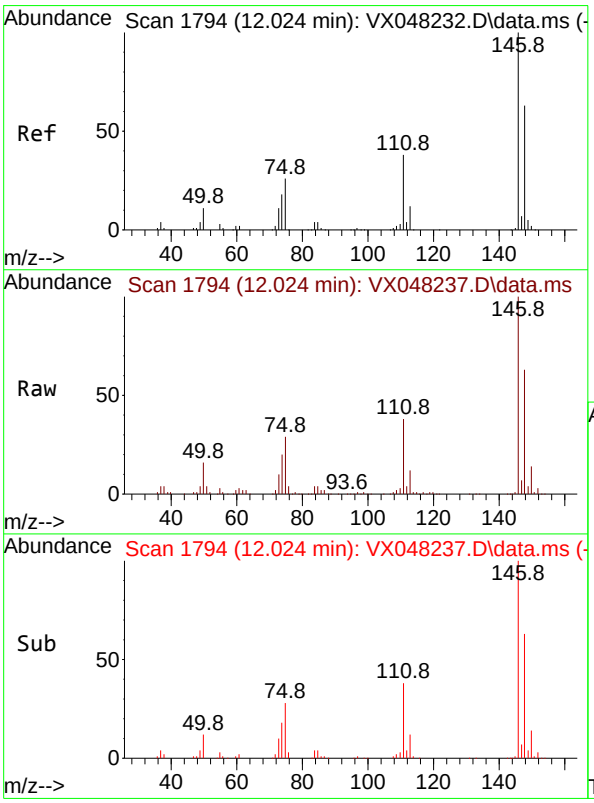
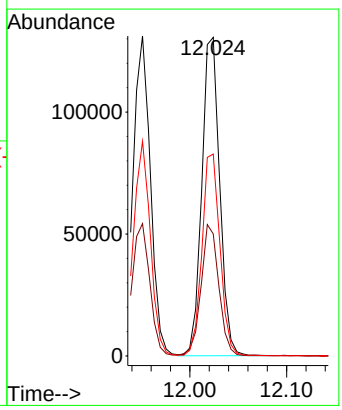


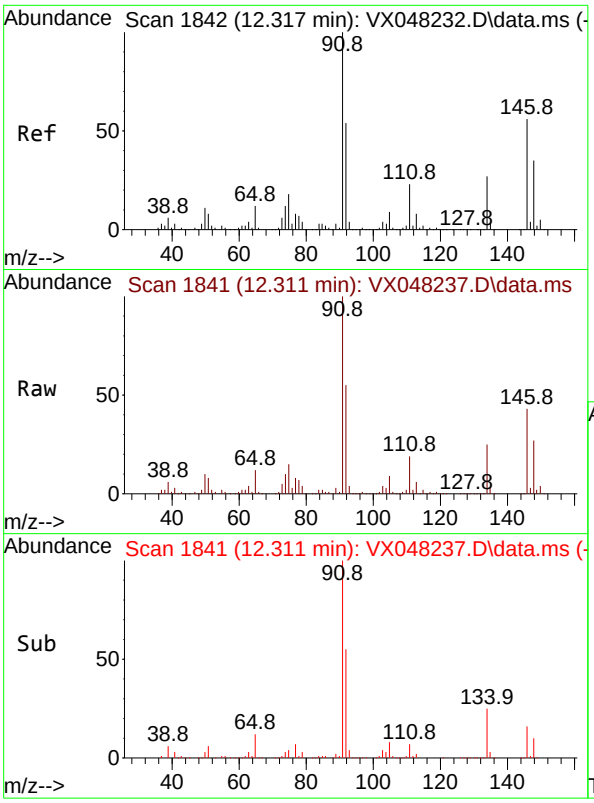


#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 168102

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.1	60.2
148	63.9	31.8	95.3





#89
n-Butylbenzene
Concen: 49.728 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 28970

Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.9	80.6
134	26.1	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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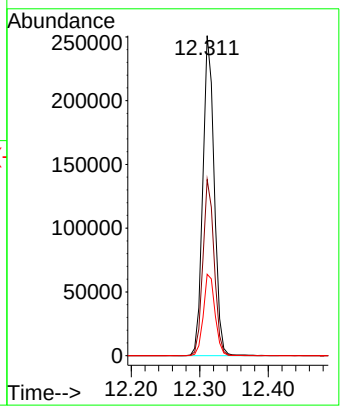
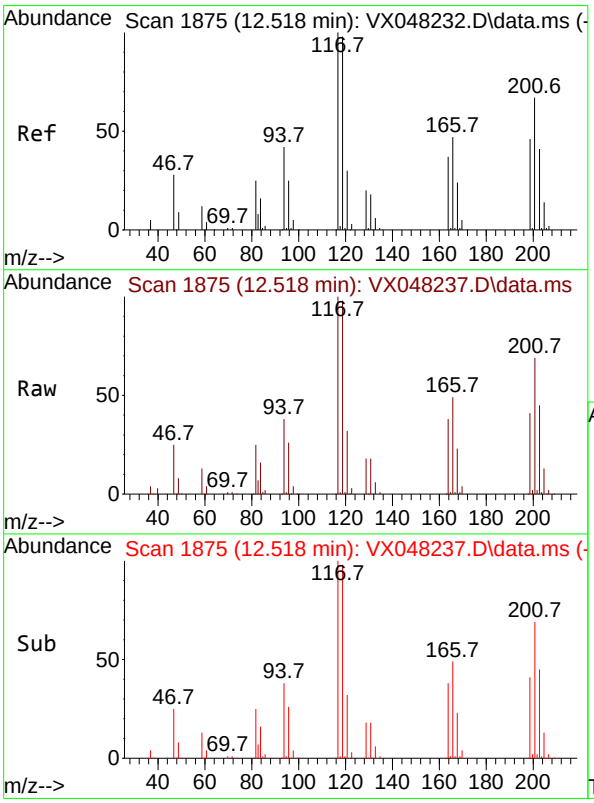
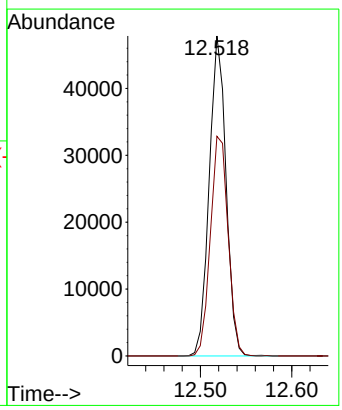


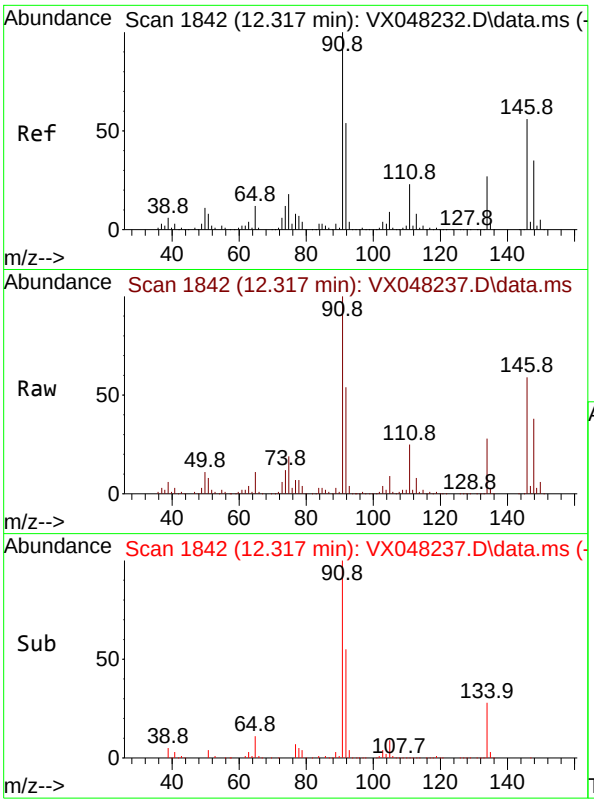


#90
Hexachloroethane
Concen: 48.437 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 61223

Ion	Ratio	Lower	Upper
117	100		
201	72.4	34.1	102.2

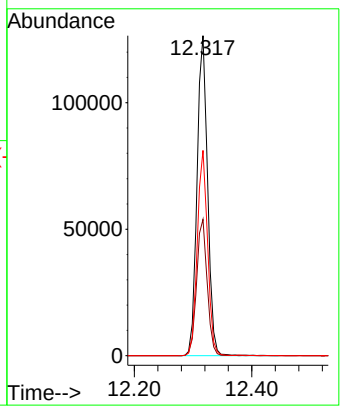




#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 15781

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.9	65.5
148	62.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
APPROVED

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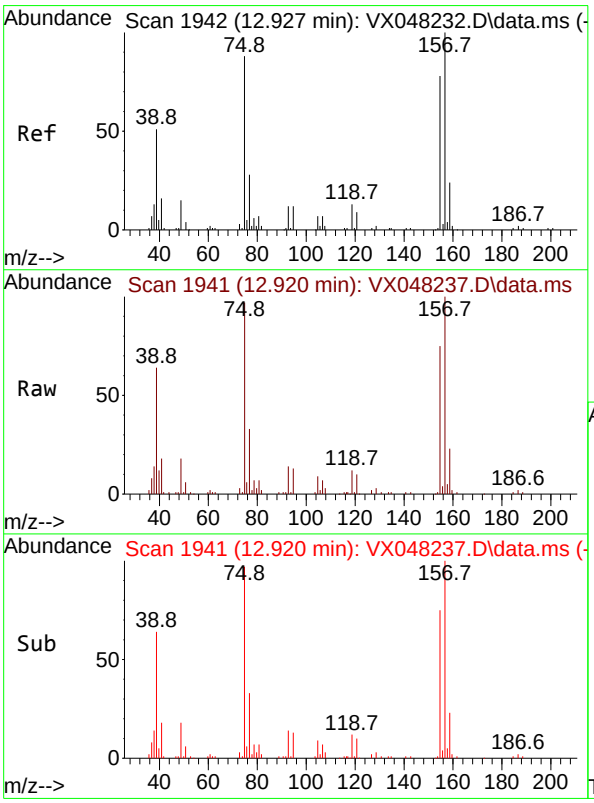
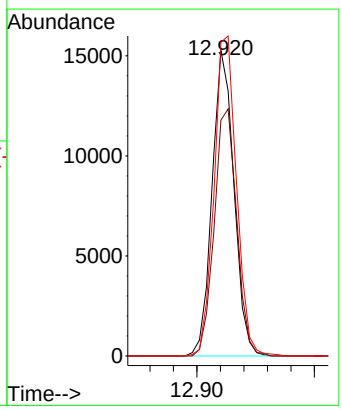
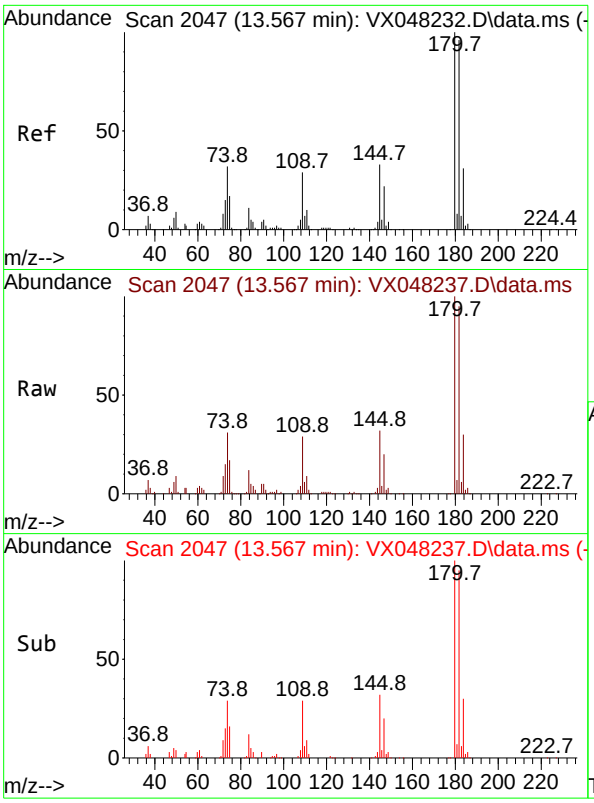


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691

Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.8	128.4
157	107.6	54.2	162.6





#93
1,2,4-Trichlorobenzene
Concen: 46.941 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 10198

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	32.5	16.3	48.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

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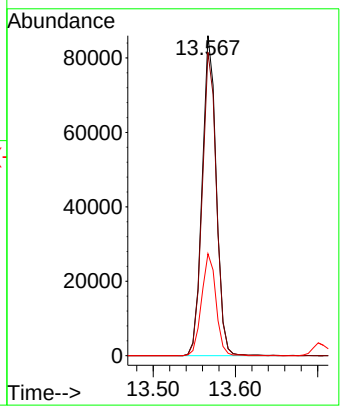
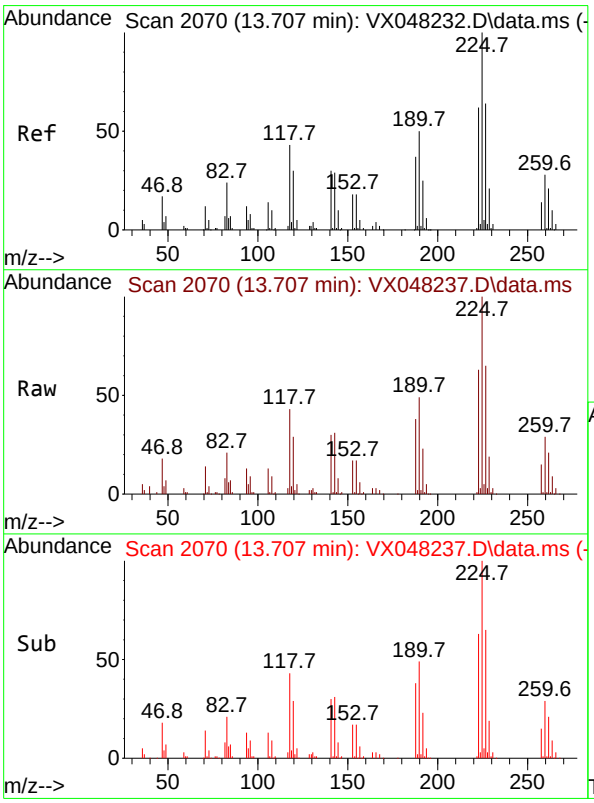
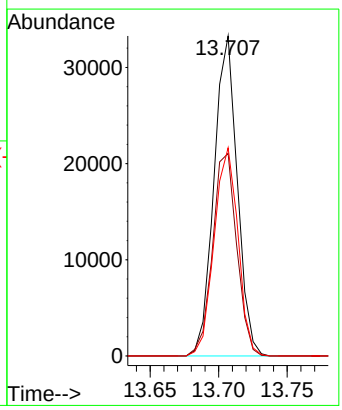


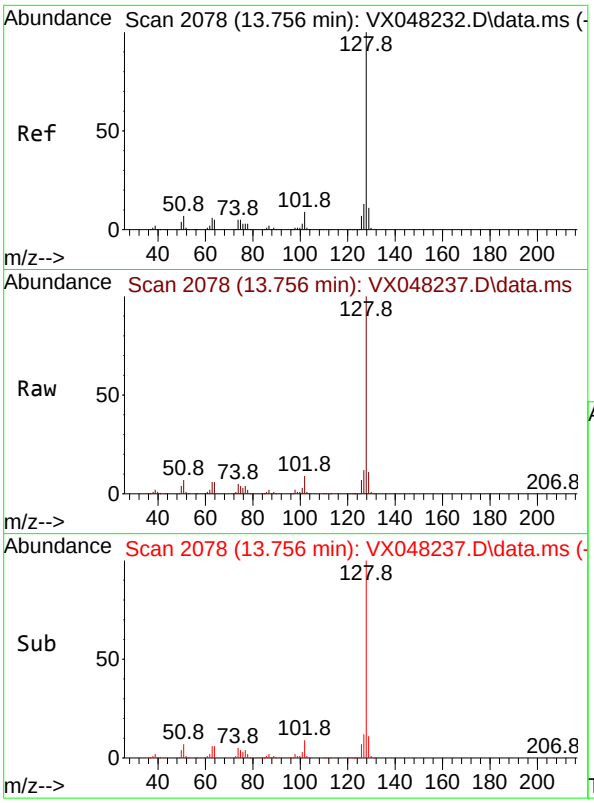


#94
Hexachlorobutadiene
Concen: 48.274 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:225 Resp: 39299

Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.6	97.7
227	66.5	32.5	97.4

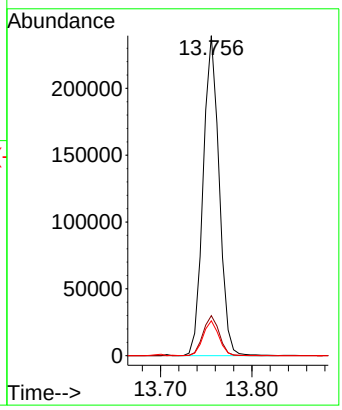




#95
Naphthalene
Concen: 50.362 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:128 Resp: 28988

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Manual Integrations
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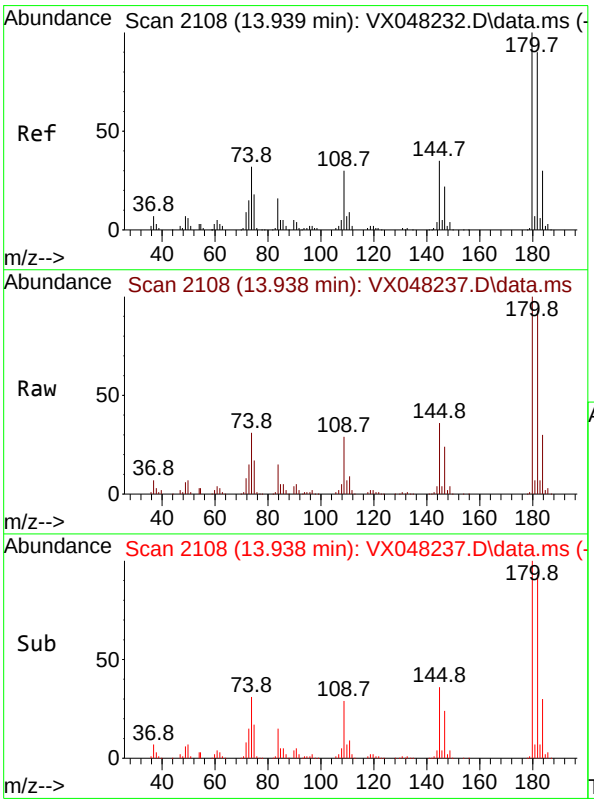
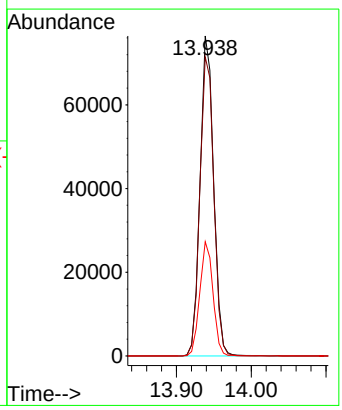


#96
1,2,3-Trichlorobenzene
Concen: 48.223 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 96139

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.7
145	34.8	16.9	50.7



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2	T	Dichlorodifluoromethane	0.514	0.528	-2.7	127	0.00
3	P	Chloromethane	0.480	0.513	-6.9	133	0.00
4	C	Vinyl Chloride	0.444	0.493	-11.0#	138	0.00
5	T	Bromomethane	0.302	0.331	-9.6	136	0.00
6	T	Chloroethane	0.261	0.294	-12.6	139	0.00
7	T	Trichlorofluoromethane	0.852	0.890	-4.5	128	0.00
8	T	Diethyl Ether	0.240	0.258	-7.5	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.578	-7.0	134	0.00
10	T	Methyl Iodide	0.678	0.651	4.0	114	0.00
11	T	Tert butyl alcohol	0.070	0.062	11.4	117	0.00
12	CM	1,1-Dichloroethene	0.525	0.546	-4.0#	131	0.00
13	T	Acrolein	0.071	0.071	0.0	126	0.00
14	T	Allyl chloride	0.872	0.891	-2.2	129	0.00
15	T	Acrylonitrile	0.251	0.252	-0.4	122	0.00
16	T	Acetone	0.240	0.211	12.1	121	0.00
17	T	Carbon Disulfide	1.654	1.614	2.4	130	0.00
18	T	Methyl Acetate	0.502	0.494	1.6	123	0.00
19	T	Methyl tert-butyl Ether	1.791	1.761	1.7	120	0.00
20	T	Methylene Chloride	0.586	0.598	-2.0	126	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.587	-1.7	128	0.00
22	T	Diisopropyl ether	1.738	1.796	-3.3	126	0.00
23	T	Vinyl Acetate	1.389	1.445	-4.0	125	0.00
24	P	1,1-Dichloroethane	1.051	1.040	1.0	124	0.00
25	T	2-Butanone	0.304	0.290	4.6	120	0.00
26	T	2,2-Dichloropropane	0.949	0.915	3.6	121	0.00
27	T	cis-1,2-Dichloroethene	0.673	0.678	-0.7	126	-0.01
28	T	Bromochloromethane	0.436	0.406	6.9	107	0.00
29	T	Tetrahydrofuran	0.182	0.177	2.7	120	-0.01
30	C	Chloroform	1.123	1.088	3.1#	121	0.00
31	T	Cyclohexane	0.870	0.916	-5.3	130	0.00
32	T	1,1,1-Trichloroethane	1.035	1.000	3.4	120	-0.01
33	S	1,2-Dichloroethane-d4	0.701	0.641	8.6	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35	S	Dibromofluoromethane	0.341	0.334	2.1	115	0.00
36	T	1,1-Dichloropropene	0.485	0.479	1.2	126	-0.01
37	T	Ethyl Acetate	0.402	0.384	4.5	119	0.00
38	T	Carbon Tetrachloride	0.599	0.577	3.7	119	0.00
39	T	Methylcyclohexane	0.573	0.604	-5.4	127	0.00
40	TM	Benzene	1.409	1.415	-0.4	124	0.00
41	T	Methacrylonitrile	0.211	0.213	-0.9	118	-0.01
42	TM	1,2-Dichloroethane	0.520	0.509	2.1	116	0.00
43	T	Isopropyl Acetate	0.661	0.658	0.5	118	0.00
44	TM	Trichloroethene	0.372	0.376	-1.1	123	0.00
45	C	1,2-Dichloropropane	0.335	0.342	-2.1#	121	0.00
46	T	Dibromomethane	0.261	0.255	2.3	118	0.00
47	T	Bromodichloromethane	0.563	0.546	3.0	115	0.00
48	T	Methyl methacrylate	0.333	0.330	0.9	117	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	0.004	0.004	0.0	113	0.00
50	S	Toluene-d8	1.196	1.158	3.2	111	0.00
51	T	4-Methyl-2-Pentanone	0.381	0.373	2.1	113	0.00
52	CM	Toluene	0.895	0.896	-0.1#	118	0.00
53	T	t-1,3-Dichloropropene	0.543	0.543	0.0	113	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.585	0.2	116	0.00
55	T	1,1,2-Trichloroethane	0.333	0.330	0.9	117	0.00
56	T	Ethyl methacrylate	0.487	0.486	0.2	113	0.00
57	T	1,3-Dichloropropane	0.568	0.560	1.4	116	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.253	-9.1	111	0.00
59	T	2-Hexanone	0.266	0.261	1.9	112	0.00
60	T	Dibromochloromethane	0.447	0.425	4.9	114	0.00
61	T	1,2-Dibromoethane	0.355	0.350	1.4	116	0.00
62	S	4-Bromofluorobenzene	0.455	0.426	6.4	109	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.373	0.363	2.7	121	0.00
65	PM	Chlorobenzene	1.125	1.127	-0.2	118	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.405	1.9	113	0.00
67	C	Ethyl Benzene	1.915	1.946	-1.6#	116	0.00
68	T	m/p-Xylenes	0.712	0.729	-2.4	116	0.00
69	T	o-Xylene	0.687	0.693	-0.9	114	0.00
70	T	Styrene	1.170	1.208	-3.2	115	0.00
71	P	Bromoform	0.330	0.319	3.3	113	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.652	3.773	-3.3	118	0.00
74	T	N-amyl acetate	1.295	1.332	-2.9	114	0.00
75	P	1,1,2,2-Tetrachloroethane	0.997	0.996	0.1	113	0.00
76	T	1,2,3-Trichloropropane	0.811	0.818	-0.9	119	0.00
77	T	Bromobenzene	0.916	0.918	-0.2	114	0.00
78	T	n-propylbenzene	4.228	4.396	-4.0	117	0.00
79	T	2-Chlorotoluene	2.564	2.603	-1.5	116	0.00
80	T	1,3,5-Trimethylbenzene	3.022	3.078	-1.9	115	0.00
81	T	trans-1,4-Dichloro-2-butene	0.333	0.333	0.0	113	0.00
82	T	4-Chlorotoluene	3.043	3.074	-1.0	114	0.00
83	T	tert-Butylbenzene	3.105	3.123	-0.6	115	0.00
84	T	1,2,4-Trimethylbenzene	3.016	3.113	-3.2	116	0.00
85	T	sec-Butylbenzene	3.736	3.828	-2.5	118	0.00
86	T	p-Isopropyltoluene	3.229	3.273	-1.4	117	0.00
87	T	1,3-Dichlorobenzene	1.726	1.665	3.5	115	0.00
88	T	1,4-Dichlorobenzene	1.788	1.696	5.1	115	0.00
89	T	n-Butylbenzene	2.939	2.923	0.5	119	0.00
90	T	Hexachloroethane	0.638	0.618	3.1	116	0.00
91	T	1,2-Dichlorobenzene	1.621	1.592	1.8	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.202	0.199	1.5	109	0.00
93	T	1,2,4-Trichlorobenzene	1.096	1.029	6.1	115	0.00
94	T	Hexachlorobutadiene	0.507	0.397	21.7	114	0.00
95	T	Naphthalene	2.904	2.925	-0.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	1.006	0.970	3.6	114	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2	T	Dichlorodifluoromethane	50.000	51.331	-2.7	127	0.00
3	P	Chloromethane	50.000	53.491	-7.0	133	0.00
4	C	Vinyl Chloride	50.000	55.441	-10.9#	138	0.00
5	T	Bromomethane	50.000	54.847	-9.7	136	0.00
6	T	Chloroethane	50.000	56.320	-12.6	139	0.00
7	T	Trichlorofluoromethane	50.000	52.209	-4.4	128	0.00
8	T	Diethyl Ether	50.000	53.742	-7.5	135	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.589	-7.2	134	0.00
10	T	Methyl Iodide	50.000	47.994	4.0	114	0.00
11	T	Tert butyl alcohol	250.000	223.693	10.5	117	0.00
12	CM	1,1-Dichloroethene	50.000	52.043	-4.1#	131	0.00
13	T	Acrolein	250.000	249.473	0.2	126	0.00
14	T	Allyl chloride	50.000	51.099	-2.2	129	0.00
15	T	Acrylonitrile	250.000	250.900	-0.4	122	0.00
16	T	Acetone	250.000	219.789	12.1	121	0.00
17	T	Carbon Disulfide	50.000	48.792	2.4	130	0.00
18	T	Methyl Acetate	50.000	49.190	1.6	123	0.00
19	T	Methyl tert-butyl Ether	50.000	49.162	1.7	120	0.00
20	T	Methylene Chloride	50.000	51.066	-2.1	126	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.932	-1.9	128	0.00
22	T	Diisopropyl ether	50.000	51.665	-3.3	126	0.00
23	T	Vinyl Acetate	250.000	260.168	-4.1	125	0.00
24	P	1,1-Dichloroethane	50.000	49.490	1.0	124	0.00
25	T	2-Butanone	250.000	238.354	4.7	120	0.00
26	T	2,2-Dichloropropane	50.000	48.230	3.5	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.350	-0.7	126	-0.01
28	T	Bromochloromethane	50.000	46.587	6.8	107	0.00
29	T	Tetrahydrofuran	250.000	242.572	3.0	120	-0.01
30	C	Chloroform	50.000	48.427	3.1#	121	0.00
31	T	Cyclohexane	50.000	52.646	-5.3	130	0.00
32	T	1,1,1-Trichloroethane	50.000	48.309	3.4	120	-0.01
33	S	1,2-Dichloroethane-d4	50.000	45.687	8.6	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35	S	Dibromofluoromethane	50.000	48.951	2.1	115	0.00
36	T	1,1-Dichloropropene	50.000	49.344	1.3	126	-0.01
37	T	Ethyl Acetate	50.000	47.684	4.6	119	0.00
38	T	Carbon Tetrachloride	50.000	48.228	3.5	119	0.00
39	T	Methylcyclohexane	50.000	52.670	-5.3	127	0.00
40	TM	Benzene	50.000	50.241	-0.5	124	0.00
41	T	Methacrylonitrile	50.000	50.358	-0.7	118	-0.01
42	TM	1,2-Dichloroethane	50.000	48.963	2.1	116	0.00
43	T	Isopropyl Acetate	50.000	49.816	0.4	118	0.00
44	TM	Trichloroethene	50.000	50.582	-1.2	123	0.00
45	C	1,2-Dichloropropane	50.000	50.994	-2.0#	121	0.00
46	T	Dibromomethane	50.000	48.913	2.2	118	0.00
47	T	Bromodichloromethane	50.000	48.459	3.1	115	0.00
48	T	Methyl methacrylate	50.000	49.519	1.0	117	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	1000.197	-0.0	113	0.00
50	S	Toluene-d8	50.000	48.386	3.2	111	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.897	2.0	113	0.00
52	CM	Toluene	50.000	50.088	-0.2#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	50.004	-0.0	113	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.944	0.1	116	0.00
55	T	1,1,2-Trichloroethane	50.000	49.597	0.8	117	0.00
56	T	Ethyl methacrylate	50.000	49.964	0.1	113	0.00
57	T	1,3-Dichloropropane	50.000	49.226	1.5	116	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.124	3.2	111	0.00
59	T	2-Hexanone	250.000	246.102	1.6	112	0.00
60	T	Dibromochloromethane	50.000	47.530	4.9	114	0.00
61	T	1,2-Dibromoethane	50.000	49.319	1.4	116	0.00
62	S	4-Bromofluorobenzene	50.000	46.795	6.4	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	48.686	2.6	121	0.00
65	PM	Chlorobenzene	50.000	50.095	-0.2	118	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.014	2.0	113	0.00
67	C	Ethyl Benzene	50.000	50.798	-1.6#	116	0.00
68	T	m/p-Xylenes	100.000	102.416	-2.4	116	0.00
69	T	o-Xylene	50.000	50.424	-0.8	114	0.00
70	T	Styrene	50.000	51.651	-3.3	115	0.00
71	P	Bromoform	50.000	48.250	3.5	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	51.658	-3.3	118	0.00
74	T	N-amyl acetate	50.000	51.399	-2.8	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.936	0.1	113	0.00
76	T	1,2,3-Trichloropropane	50.000	50.456	-0.9	119	0.00
77	T	Bromobenzene	50.000	50.135	-0.3	114	0.00
78	T	n-propylbenzene	50.000	51.980	-4.0	117	0.00
79	T	2-Chlorotoluene	50.000	50.760	-1.5	116	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.918	-1.8	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.995	0.0	113	0.00
82	T	4-Chlorotoluene	50.000	50.507	-1.0	114	0.00
83	T	tert-Butylbenzene	50.000	50.288	-0.6	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.607	-3.2	116	0.00
85	T	sec-Butylbenzene	50.000	51.230	-2.5	118	0.00
86	T	p-Isopropyltoluene	50.000	50.686	-1.4	117	0.00
87	T	1,3-Dichlorobenzene	50.000	48.229	3.5	115	0.00
88	T	1,4-Dichlorobenzene	50.000	47.423	5.2	115	0.00
89	T	n-Butylbenzene	50.000	49.728	0.5	119	0.00
90	T	Hexachloroethane	50.000	48.437	3.1	116	0.00
91	T	1,2-Dichlorobenzene	50.000	49.123	1.8	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.072	1.9	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.941	6.1	115	0.00
94	T	Hexachlorobutadiene	50.000	48.274	3.5	114	0.00
95	T	Naphthalene	50.000	50.362	-0.7	113	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 20 16:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	48.223	3.6	114	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data

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: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3413

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

* 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.

Raw Data

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: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3413

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* 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 : 82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 2025
Response Via : Initial Calibration

Calibration Files
5 =VY023384.D 10 =VY023385.D 20 =VY023386.D 50 =VY023387.D 100 =VY023388.D 150 =VY023389.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.397	0.399	0.400	0.321	0.310	0.333	0.360	11.97
3)	P	Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.45
4)	C	Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.59#
5)	T	Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.42
6)	T	Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.67
7)	T	Trichlorofluor...	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.54
8)	T	Diethyl Ether	0.240	0.239	0.236	0.215	0.224	0.237	0.232	4.42
9)	T	1,1,2-Trichlor...	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.57
10)	T	Methyl Iodide	0.404	0.503	0.518	0.538	0.547	0.562	0.512	11.09
11)	T	Tert butyl alc...	0.033	0.037	0.030	0.025	0.029	0.033	0.031	13.08
12)	CM	1,1-Dichloroet...	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.14#
13)	T	Acrolein	0.045	0.043	0.042	0.042	0.044	0.048	0.044	5.27
14)	T	Allyl chloride	0.540	0.555	0.546	0.526	0.535	0.560	0.544	2.33
15)	T	Acrylonitrile	0.088	0.093	0.086	0.082	0.088	0.095	0.089	5.52
16)	T	Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.67
17)	T	Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.74
18)	T	Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6.00
19)	T	Methyl tert-bu...	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.30
20)	T	Methylene Chlo...	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.41
21)	T	trans-1,2-Dich...	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.95
22)	T	Diisopropyl ether	1.107	1.238	1.255	1.163	1.195	1.257	1.202	4.95
23)	T	Vinyl Acetate	0.594	0.646	0.651	0.625	0.667	0.722	0.651	6.65
24)	P	1,1-Dichloroet...	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.90
25)	T	2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.56
26)	T	2,2-Dichloropr...	0.752	0.771	0.731	0.705	0.699	0.726	0.731	3.74
27)	T	cis-1,2-Dichlo...	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.81
28)	T	Bromochloromet...	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.22
29)	T	Tetrahydrofuran	0.066	0.070	0.067	0.064	0.070	0.078	0.069	7.25
30)	C	Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.54#
31)	T	Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.27
32)	T	1,1,1-Trichlor...	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.08
33)	S	1,2-Dichloroet...	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.21
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.62
36)	T	1,1-Dichloropr...	0.395	0.413	0.413	0.397	0.405	0.417	0.407	2.20
37)	T	Ethyl Acetate	0.148	0.162	0.163	0.150	0.164	0.179	0.161	6.94
38)	T	Carbon Tetrach...	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.14
39)	T	Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7.03
40)	TM	Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.22
41)	T	Methacrylonitrile	0.082	0.085	0.091	0.080	0.089	0.096	0.087	7.09
42)	TM	1,2-Dichloroet...	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.59
43)	T	Isopropyl Acetate	0.297	0.313	0.313	0.302	0.335	0.369	0.321	8.32
44)	TM	Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.81
45)	C	1,2-Dichloropr...	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.89#
46)	T	Dibromomethane	0.172	0.182	0.183	0.173	0.181	0.188	0.180	3.43
47)	T	Bromodichlorom...	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.70
48)	T	Methyl methacr...	0.125	0.139	0.149	0.148	0.165	0.181	0.151	12.98
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.06
50)	S	Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2.03
51)	T	4-Methyl-2-Pen...	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.55
52)	CM	Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.49#
53)	T	t-1,3-Dichloro...	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.24
54)	T	cis-1,3-Dichlo...	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.86
55)	T	1,1,2-Trichlor...	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.52
56)	T	Ethyl methacry...	0.219	0.248	0.262	0.279	0.321	0.345	0.279	16.80

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y100725S.M

57)	T	1,3-Dichloropr...	0.361	0.381	0.383	0.374	0.392	0.409	0.383	4.26
58)	T	2-Chloroethyl ...	0.093	0.112	0.112	0.129	0.145	0.159	0.125	19.35
59)	T	2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.86
60)	T	Dibromochlorom...	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.69
61)	T	1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.16
62)	S	4-Bromofluorob...	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.92
65)	PM	Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.89
66)	T	1,1,1,2-Tetrac...	0.388	0.389	0.390	0.373	0.384	0.402	0.388	2.44
67)	C	Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.54#
68)	T	m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.54
69)	T	o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.15
70)	T	Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.55
71)	P	Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.41
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.30
74)	T	N-amyl acetate	0.477	0.535	0.556	0.581	0.665	0.738	0.592	15.95
75)	P	1,1,2,2-Tetrac...	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.60
76)	T	1,2,3-Trichlor...	0.406	0.399	0.484	0.433	0.455	0.469	0.441	7.76
77)	T	Bromobenzene	0.849	0.880	0.885	0.845	0.877	0.921	0.876	3.14
78)	T	n-propylbenzene	3.373	3.676	3.906	3.883	3.955	4.086	3.813	6.64
79)	T	2-Chlorotoluene	2.095	2.208	2.282	2.227	2.249	2.338	2.233	3.66
80)	T	1,3,5-Trimethy...	2.309	2.557	2.736	2.706	2.772	2.896	2.663	7.70
81)	T	trans-1,4-Dich...	0.171	0.175	0.176	0.169	0.185	0.203	0.180	7.04
82)	T	4-Chlorotoluene	2.173	2.266	2.362	2.276	2.316	2.404	2.300	3.52
83)	T	tert-Butylbenzene	2.199	2.363	2.465	2.522	2.533	2.668	2.458	6.55
84)	T	1,2,4-Trimethy...	2.301	2.552	2.701	2.706	2.782	2.903	2.657	7.86
85)	T	sec-Butylbenzene	3.175	3.388	3.571	3.583	3.664	3.778	3.527	6.08
86)	T	p-Isopropyltol...	2.575	2.804	3.032	3.087	3.183	3.334	3.003	9.09
87)	T	1,3-Dichlorobe...	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.85
88)	T	1,4-Dichlorobe...	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.33
89)	T	n-Butylbenzene	2.279	2.428	2.626	2.682	2.778	2.904	2.616	8.76
90)	T	Hexachloroethane	0.667	0.631	0.647	0.625	0.643	0.662	0.646	2.54
91)	T	1,2-Dichlorobe...	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.13
92)	T	1,2-Dibromo-3-...	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.18
93)	T	1,2,4-Trichlor...	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.75
94)	T	Hexachlorobuta...	0.590	0.571	0.572	0.577	0.587	0.590	0.581	1.52
95)	T	Naphthalene	1.206	1.281	1.346	1.466	1.722	1.887	1.485	17.98
96)	T	1,2,3-Trichlor...	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.14

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	585717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	882488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26670	5.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.520%#		
35) Dibromofluoromethane	7.634	113	27455	5.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.260%#		
50) Toluene-d8	10.103	98	99905	4.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.401	95	35355	5.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	11.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	23245	5.038	ug/l	92
3) Chloromethane	2.074	50	30346	4.627	ug/l	94
4) Vinyl Chloride	2.202	62	38657	4.668	ug/l	95
5) Bromomethane	2.598	94	35214	5.184	ug/l	94
6) Chloroethane	2.732	64	25848	4.597	ug/l	98
7) Trichlorofluoromethane	3.055	101	51797	4.869	ug/l	98
8) Diethyl Ether	3.452	74	14079	5.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	28368	4.989	ug/l	99
10) Methyl Iodide	4.007	142	23692	3.606	ug/l	99
11) Tert butyl alcohol	4.854	59	9774	32.746	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	26290	4.806	ug/l	94
13) Acrolein	3.653	56	13176	26.054	ug/l	100
14) Allyl chloride	4.385	41	31614	4.616	ug/l	98
15) Acrylonitrile	5.055	53	25891	23.754	ug/l	99
16) Acetone	3.866	43	37573	32.940	ug/l	96
17) Carbon Disulfide	4.104	76	75645	4.432	ug/l	99
18) Methyl Acetate	4.391	43	14279	4.926	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	58919	4.600	ug/l	95
20) Methylene Chloride	4.616	84	36598	5.917	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	28923	4.754	ug/l	99
22) Diisopropyl ether	6.018	45	64833	4.269	ug/l	94
23) Vinyl Acetate	5.964	43	173851	20.824	ug/l	99
24) 1,1-Dichloroethane	5.909	63	46850	4.679	ug/l	100
25) 2-Butanone	6.890	43	38990	27.656	ug/l	93
26) 2,2-Dichloropropane	6.884	77	44062	4.953	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	31743	4.600	ug/l	98
28) Bromochloromethane	7.244	49	19445	5.006	ug/l	99
29) Tetrahydrofuran	7.262	42	19296	23.059	ug/l	98
30) Chloroform	7.421	83	51887	4.806	ug/l	97
31) Cyclohexane	7.707	56	46675	5.279	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	47305	4.881	ug/l	99
36) 1,1-Dichloropropene	7.835	75	34888	4.617	ug/l	98
37) Ethyl Acetate	6.982	43	13082	4.379	ug/l #	93
38) Carbon Tetrachloride	7.817	117	42654	4.859	ug/l	95
39) Methylcyclohexane	9.109	83	43329	4.479	ug/l	98
40) Benzene	8.079	78	110551	4.693	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.225	41	7226m	4.658 ug/l	
42) 1,2-Dichloroethane	8.158	62	28940	4.828 ug/l	100
43) Isopropyl Acetate	8.201	43	26166	4.503 ug/l	99
44) Trichloroethene	8.859	130	33564	5.077 ug/l	99
45) 1,2-Dichloropropane	9.140	63	24358	4.595 ug/l	92
46) Dibromomethane	9.231	93	15179	4.682 ug/l	97
47) Bromodichloromethane	9.420	83	38813	4.756 ug/l	93
48) Methyl methacrylate	9.219	41	11038	4.071 ug/l	98
49) 1,4-Dioxane	9.219	88	3255	96.953 ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	62279	20.925 ug/l	98
52) Toluene	10.170	92	68550	4.585 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	31477	4.491 ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	37392	4.463 ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	20641	4.786 ug/l	97
56) Ethyl methacrylate	10.438	69	19324	3.891 ug/l	94
57) 1,3-Dichloropropane	10.719	76	31831	4.560 ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	41054m	18.894 ug/l	
59) 2-Hexanone	10.761	43	47778	23.185 ug/l	97
60) Dibromochloromethane	10.908	129	28135	4.783 ug/l	97
61) 1,2-Dibromoethane	11.017	107	18957	4.673 ug/l	97
64) Tetrachloroethene	10.646	164	40570	5.383 ug/l	98
65) Chlorobenzene	11.444	112	81802	4.997 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29222	5.075 ug/l	97
67) Ethyl Benzene	11.517	91	121005	4.529 ug/l	99
68) m/p-Xylenes	11.633	106	95176	8.887 ug/l	100
69) o-Xylene	11.956	106	44280	4.466 ug/l	98
70) Styrene	11.969	104	67960	4.152 ug/l	99
71) Bromoform	12.133	173	16988	4.929 ug/l #	99
73) Isopropylbenzene	12.255	105	112194	4.455 ug/l	99
74) N-amyl acetate	12.066	43	18041	3.833 ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20052	4.773 ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	15359m	4.118 ug/l	
77) Bromobenzene	12.529	156	32106	4.967 ug/l	99
78) n-propylbenzene	12.596	91	127521	4.305 ug/l	99
79) 2-Chlorotoluene	12.676	91	79199	4.631 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	87297	4.264 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6474	4.680 ug/l	98
82) 4-Chlorotoluene	12.779	91	82155	4.600 ug/l	100
83) tert-Butylbenzene	12.999	119	83151	4.457 ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	86988	4.294 ug/l	99
85) sec-Butylbenzene	13.176	105	120061	4.443 ug/l	99
86) p-Isopropyltoluene	13.291	119	97377	4.264 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	63027	4.936 ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	64389	5.085 ug/l	95
89) n-Butylbenzene	13.615	91	86179	4.274 ug/l	99
90) Hexachloroethane	13.877	117	25204	5.084 ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	56167	5.041 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3305	4.964 ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	32000	4.875 ug/l	99
94) Hexachlorobutadiene	15.023	225	22316	5.456 ug/l	99
95) Naphthalene	15.145	128	45598	4.360 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	27176	4.772 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

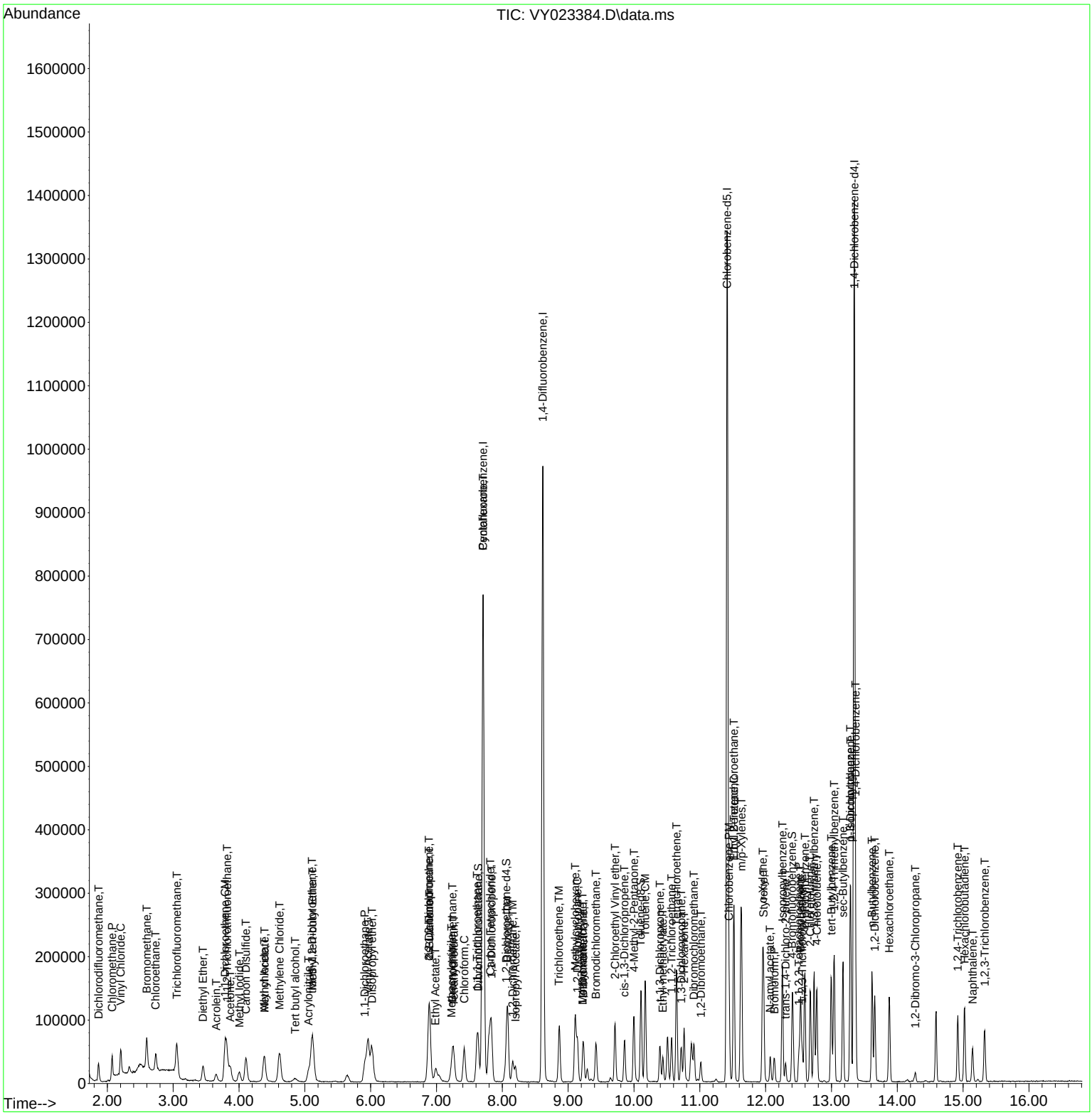
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

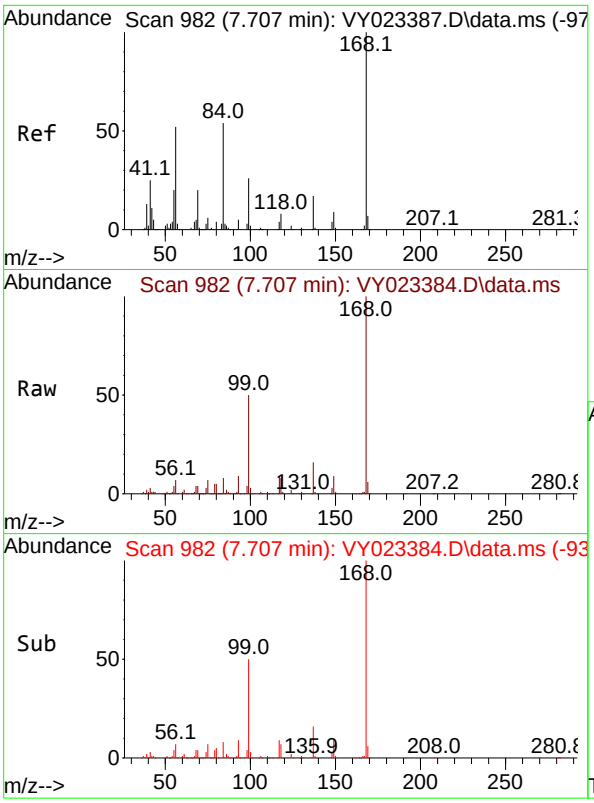
Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

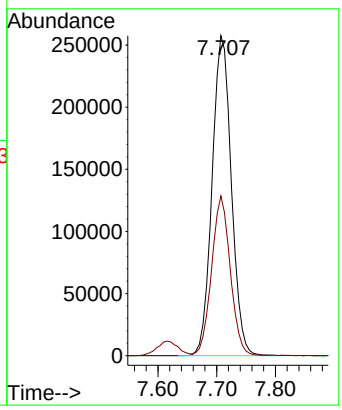
Tgt Ion:168 Resp: 58571

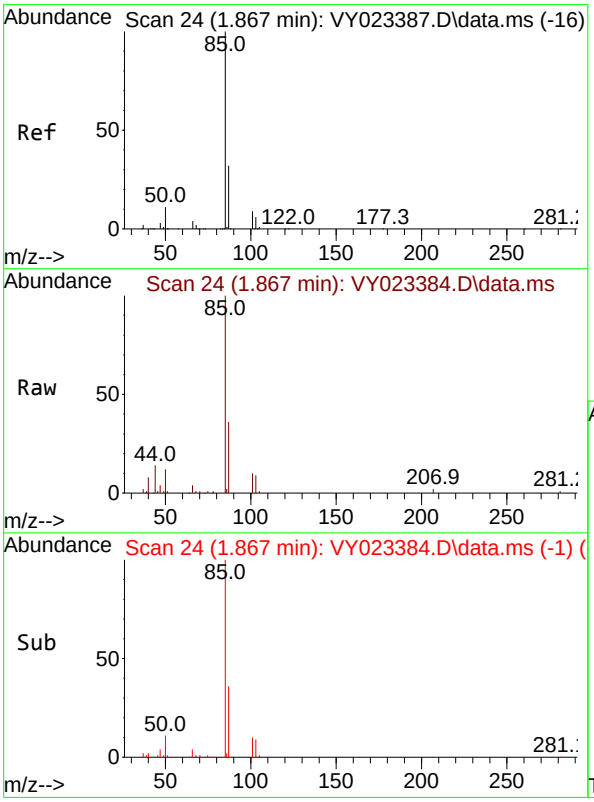
Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.7	59.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

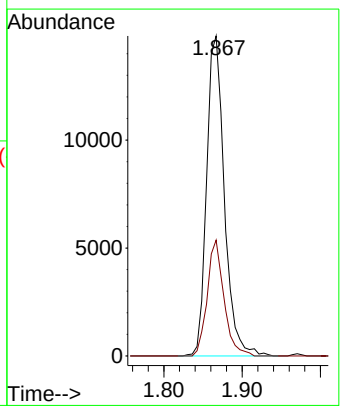


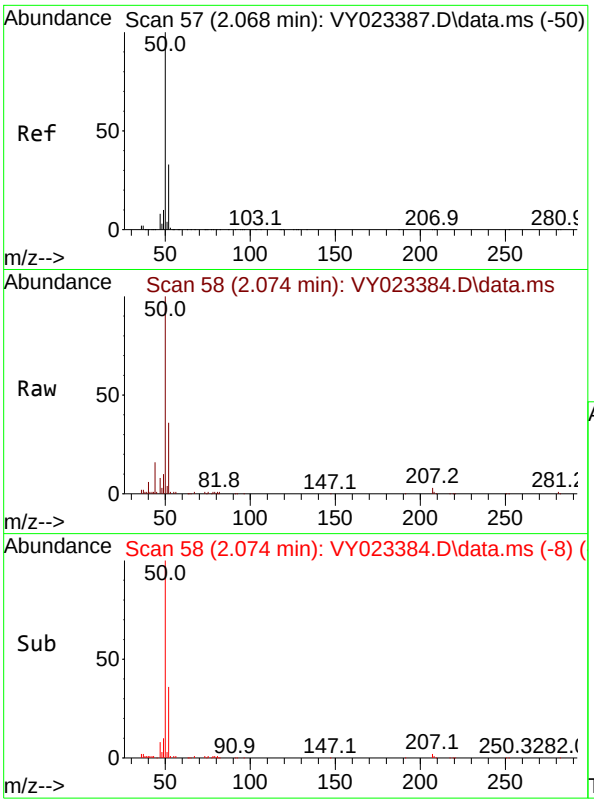


#2
Dichlorodifluoromethane
Concen: 5.038 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 85 Resp: 23245

Ion	Ratio	Lower	Upper
85	100		
87	36.2	16.0	47.9

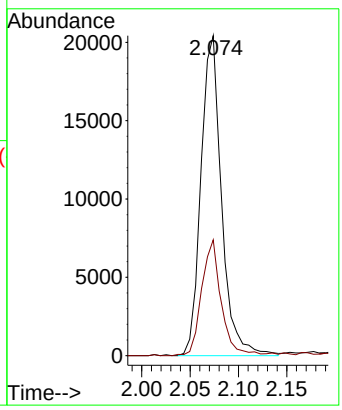




#3
Chloromethane
Concen: 4.627 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 50 Resp: 3034

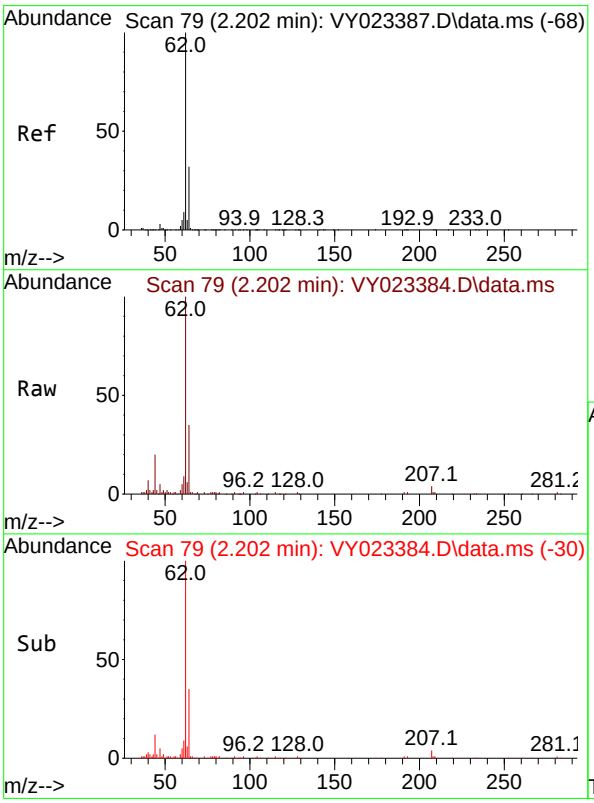
Ion	Ratio	Lower	Upper
50	100		
52	35.8	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

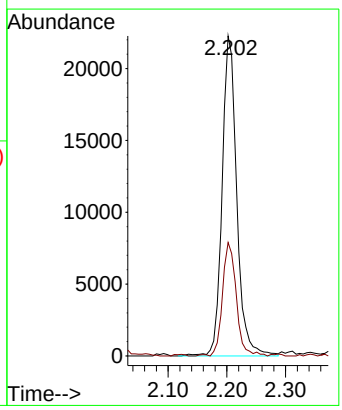
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

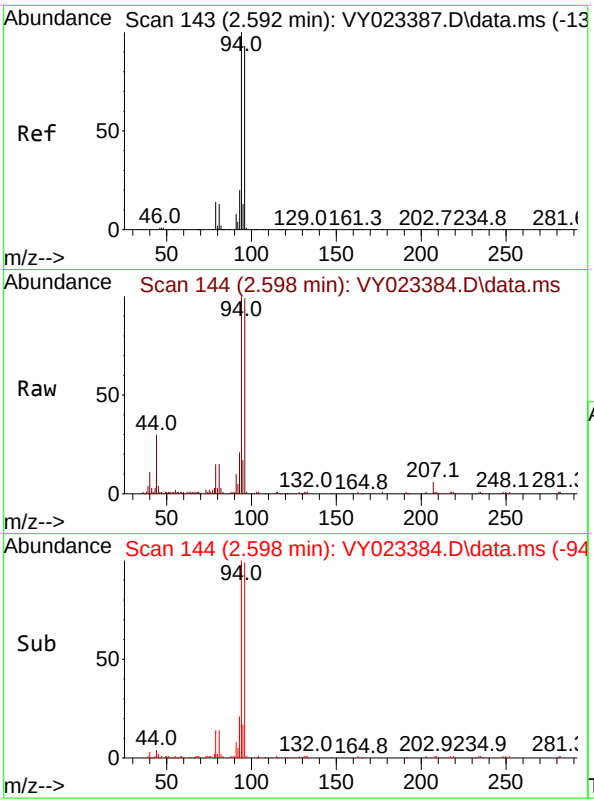


#4
Vinyl Chloride
Concen: 4.668 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 38657

Ion	Ratio	Lower	Upper
62	100		
64	35.0	25.8	38.8





#5
Bromomethane
Concen: 5.184 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

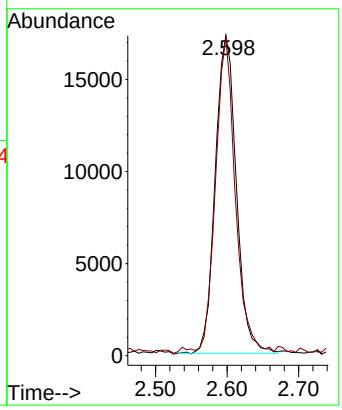
Tgt Ion: 94 Resp: 3521

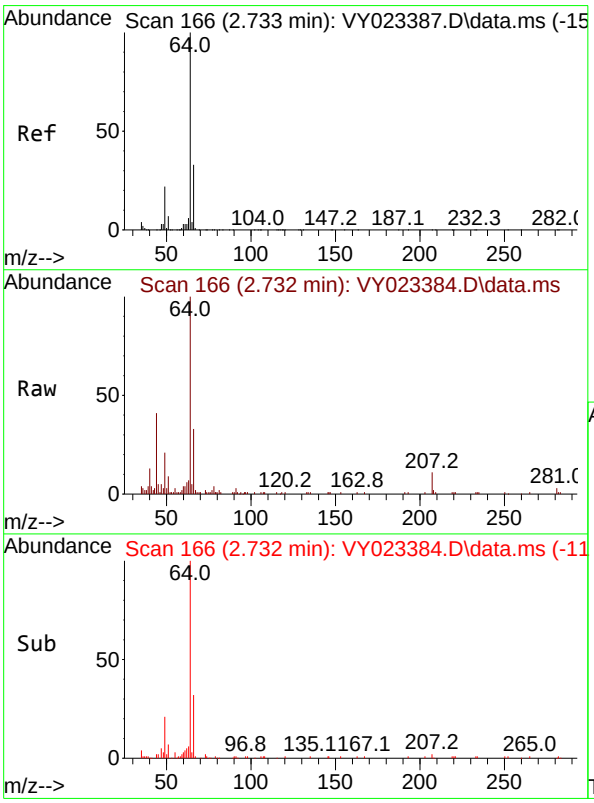
Ion	Ratio	Lower	Upper
94	100		
96	99.0	74.5	111.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

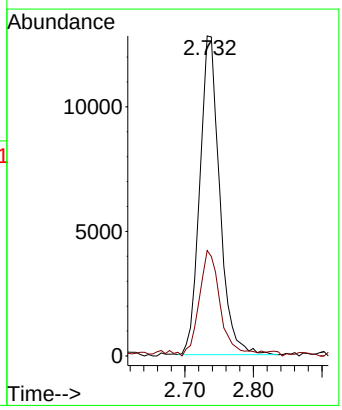


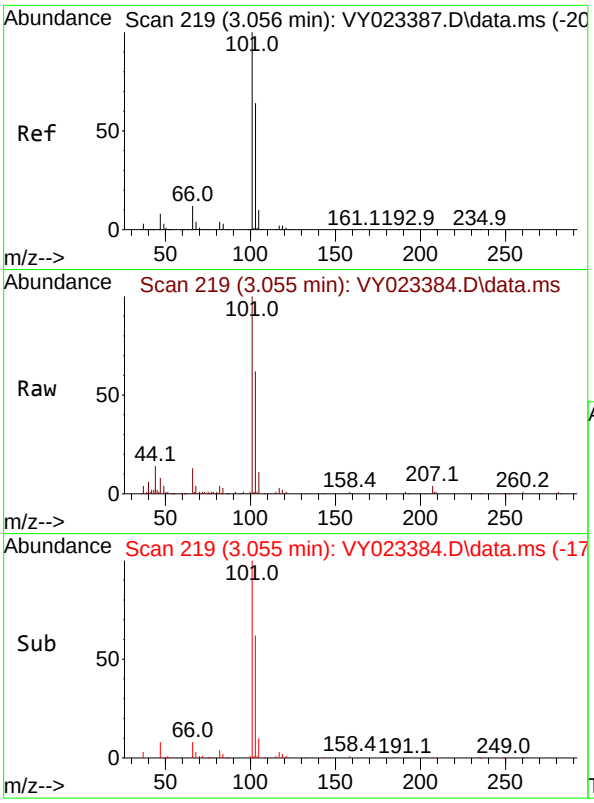


#6
Chloroethane
Concen: 4.597 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 64 Resp: 25848

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.2	39.4





#7
Trichlorofluoromethane
Concen: 4.869 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

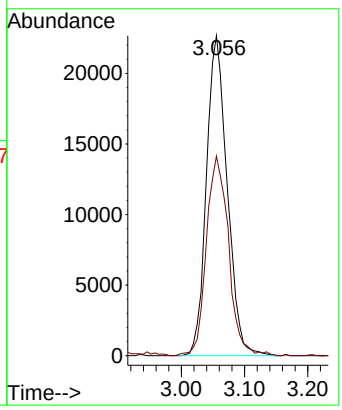
Tgt Ion:101 Resp: 5179

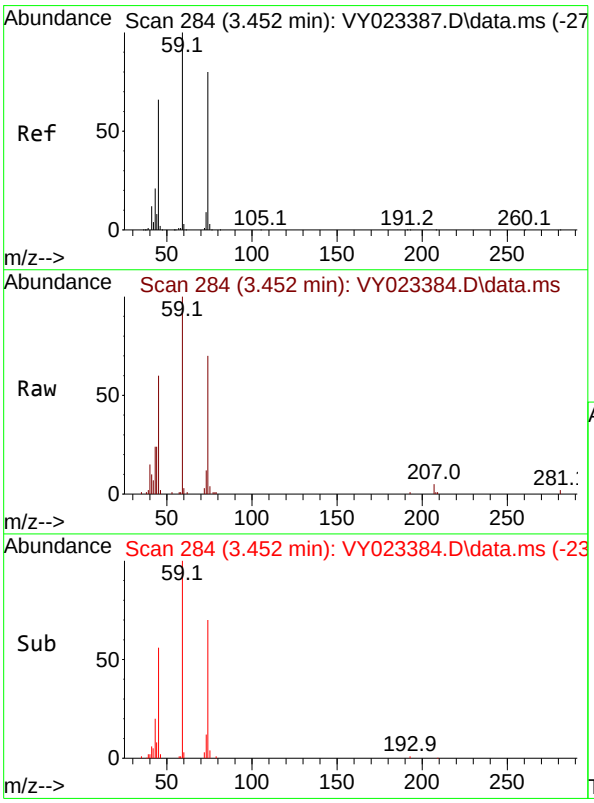
Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.3	76.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

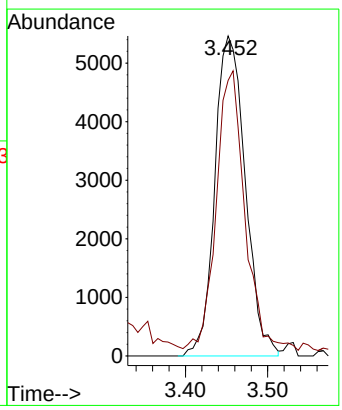


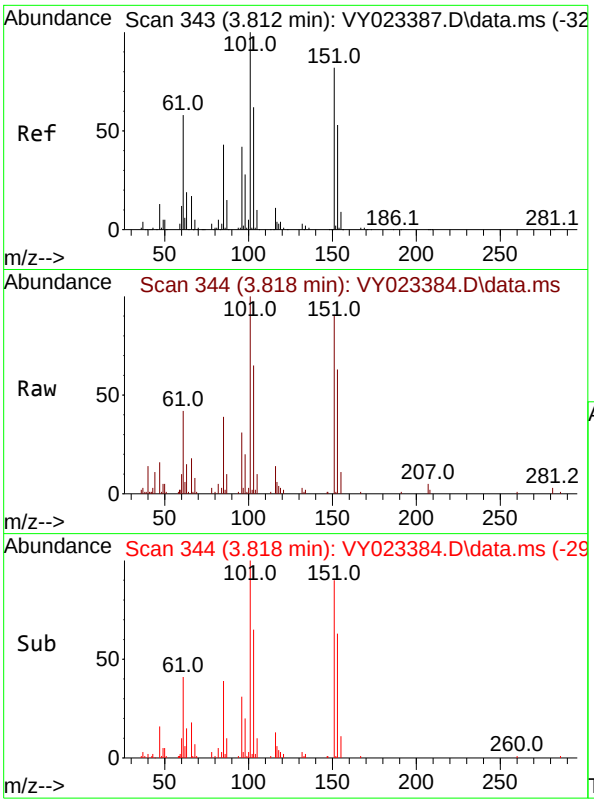


#8
Diethyl Ether
Concen: 5.060 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 74 Resp: 14079

Ion	Ratio	Lower	Upper
74	100		
45	82.9	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.989 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

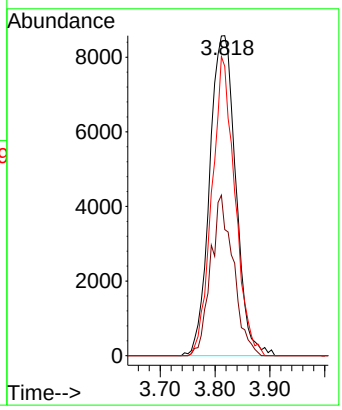
Tgt Ion:101 Resp: 2836

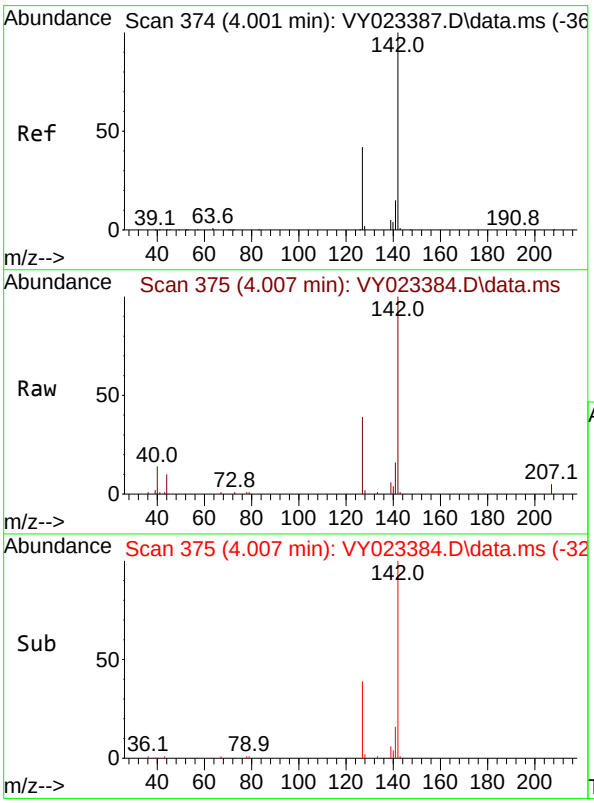
Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.6	51.8
151	82.3	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

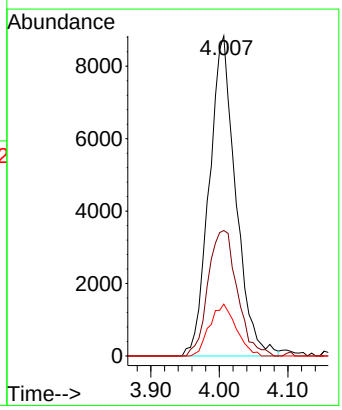


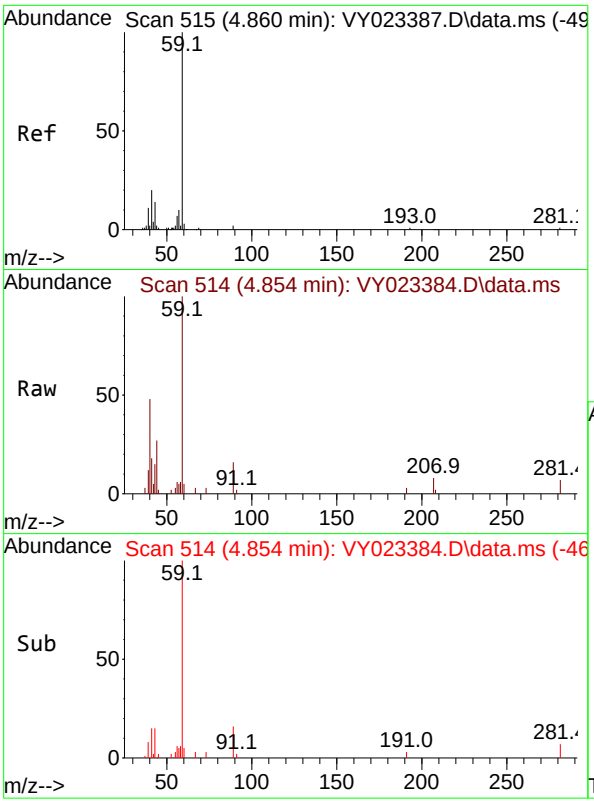


#10
Methyl Iodide
Concen: 3.606 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:142 Resp: 23692

Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.8	52.2
141	16.2	11.6	17.4

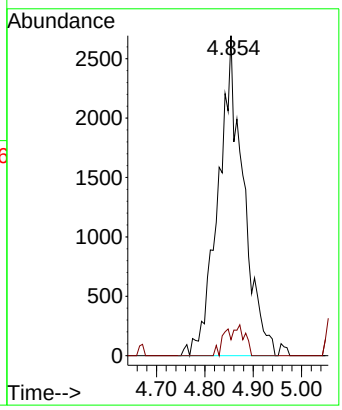




#11
Tert butyl alcohol
Concen: 32.746 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 59 Resp: 977

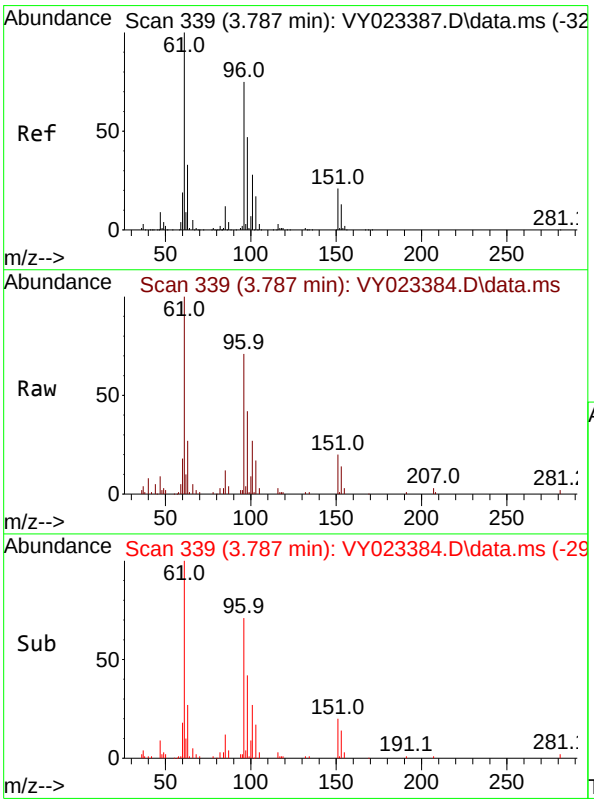
Ion	Ratio	Lower	Upper
59	100		
57	3.0	8.3	12.5#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

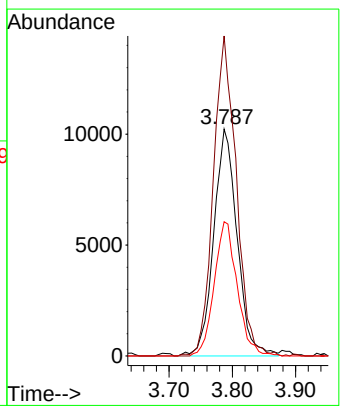
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

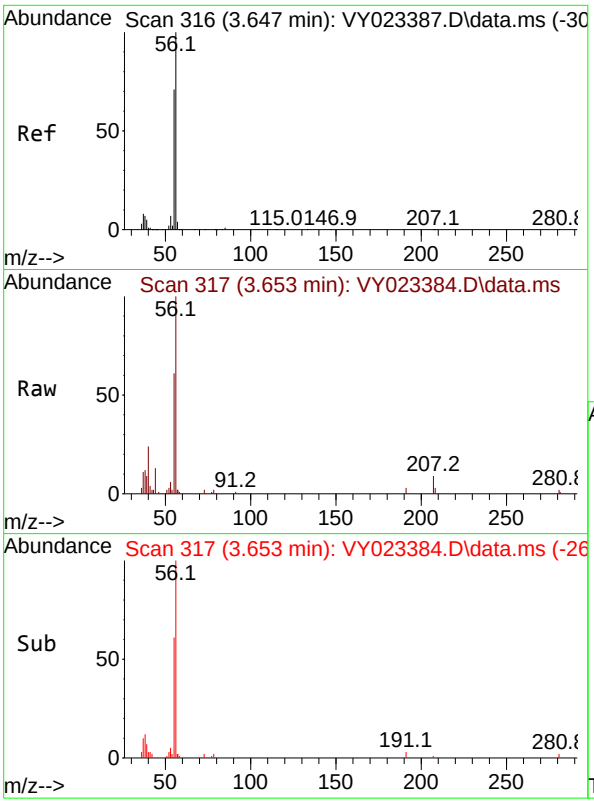


#12
1,1-Dichloroethene
Concen: 4.806 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 96 Resp: 26290

Ion	Ratio	Lower	Upper
96	100		
61	141.0	106.7	160.1
98	59.1	50.2	75.4

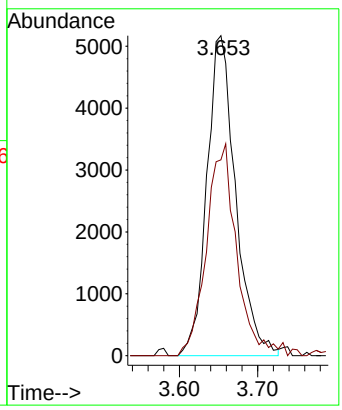




#13
Acrolein
Concen: 26.054 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 56 Resp: 1317

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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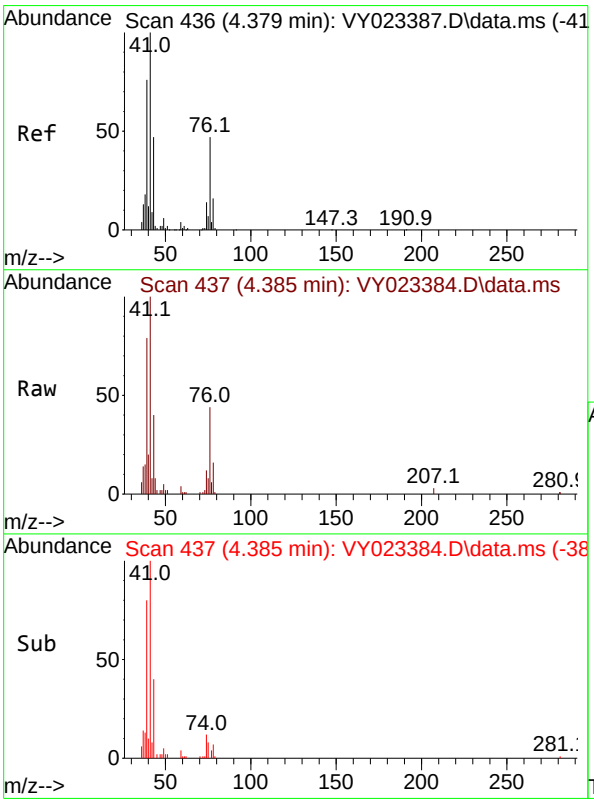
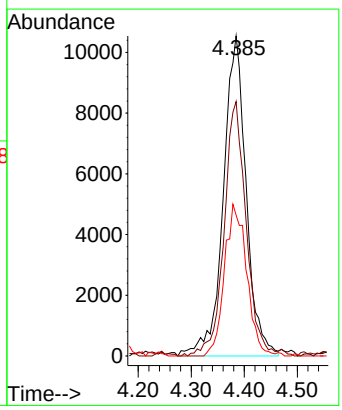
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

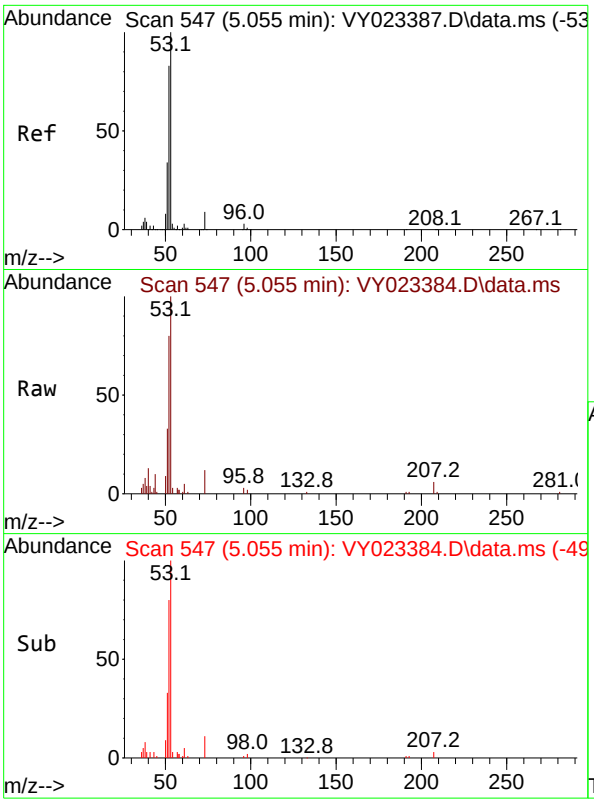


#14
Allyl chloride
Concen: 4.616 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 31614

Ion	Ratio	Lower	Upper
41	100		
39	76.6	59.9	89.9
76	46.2	38.0	57.0

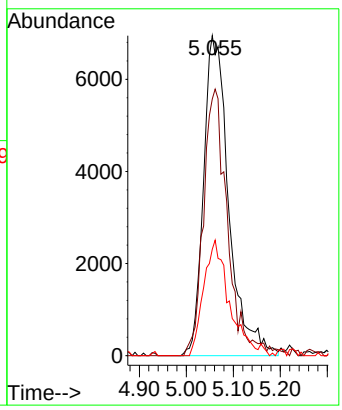




#15
Acrylonitrile
Concen: 23.754 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 53 Resp: 2589

Ion	Ratio	Lower	Upper
53	100		
52	79.7	64.6	97.0
51	36.3	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/10/2025
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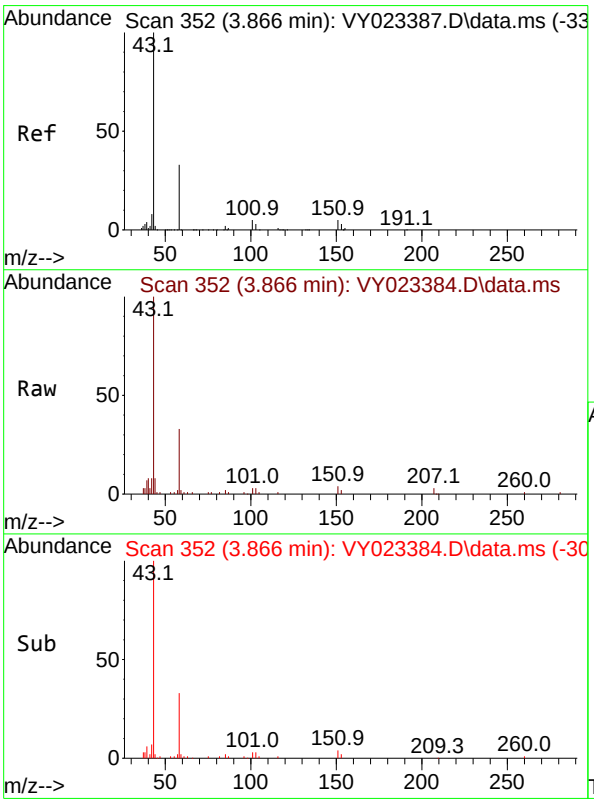
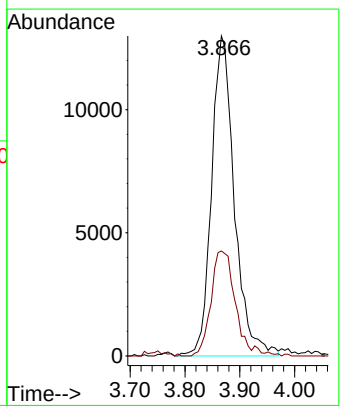
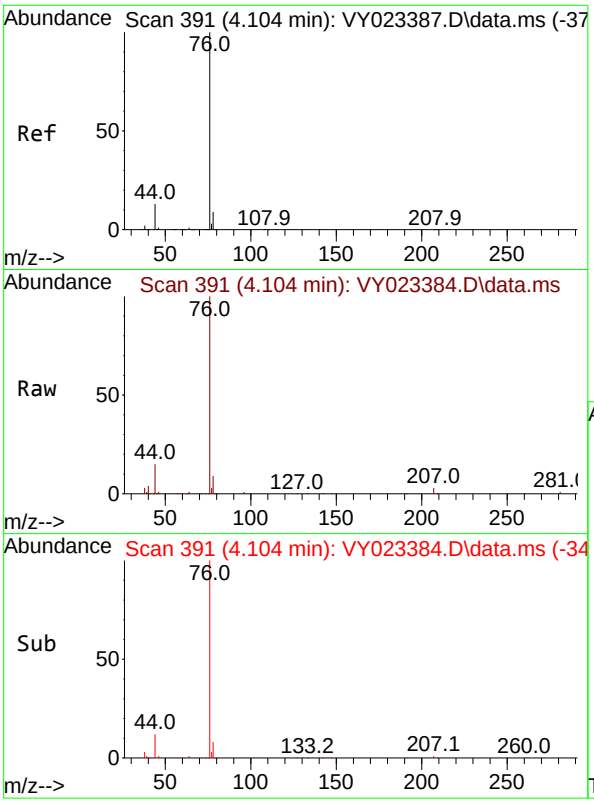


#16
Acetone
Concen: 32.940 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 37573

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5





#17
Carbon Disulfide
Concen: 4.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 76 Resp: 7564

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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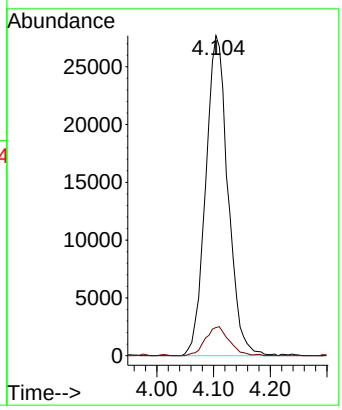
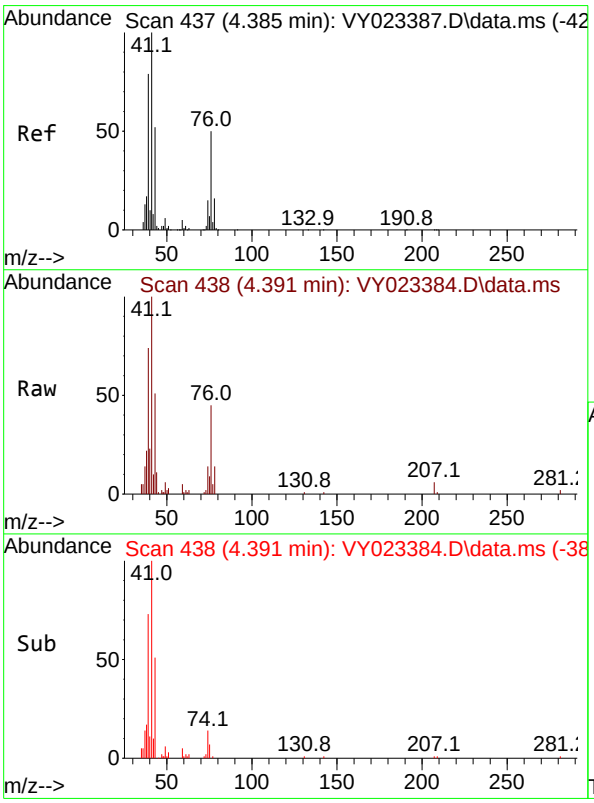
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

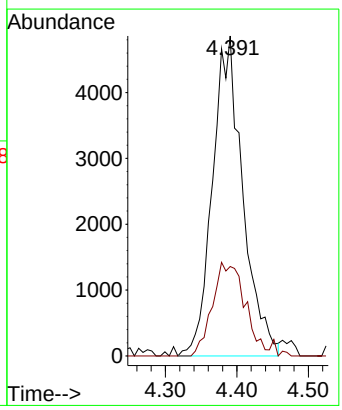


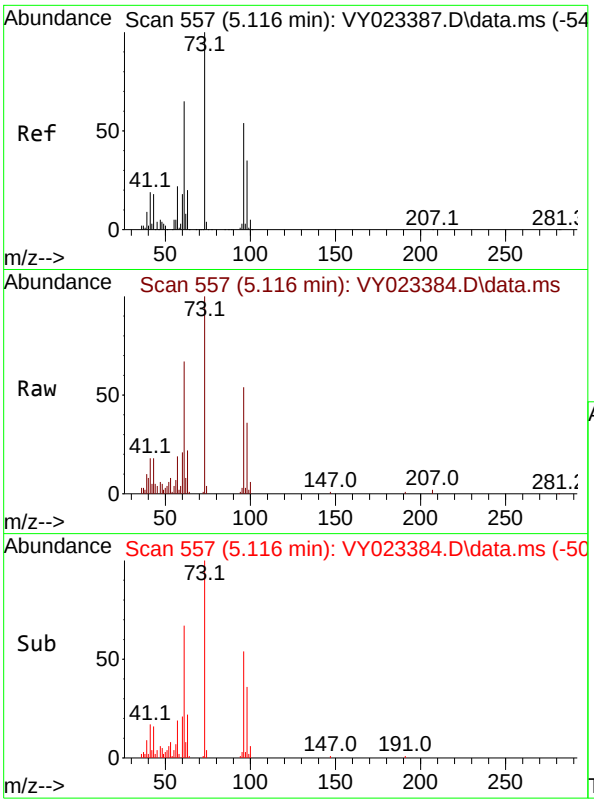


#18
Methyl Acetate
Concen: 4.926 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 14279

Ion	Ratio	Lower	Upper
43	100		
74	31.4	24.2	36.4

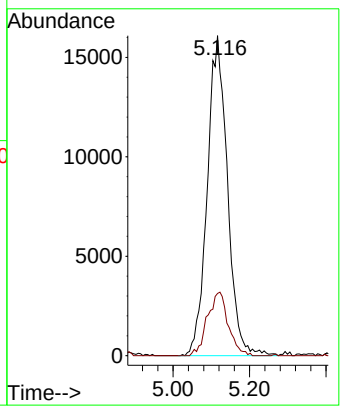




#19
Methyl tert-butyl Ether
Concen: 4.600 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 73 Resp: 5891

Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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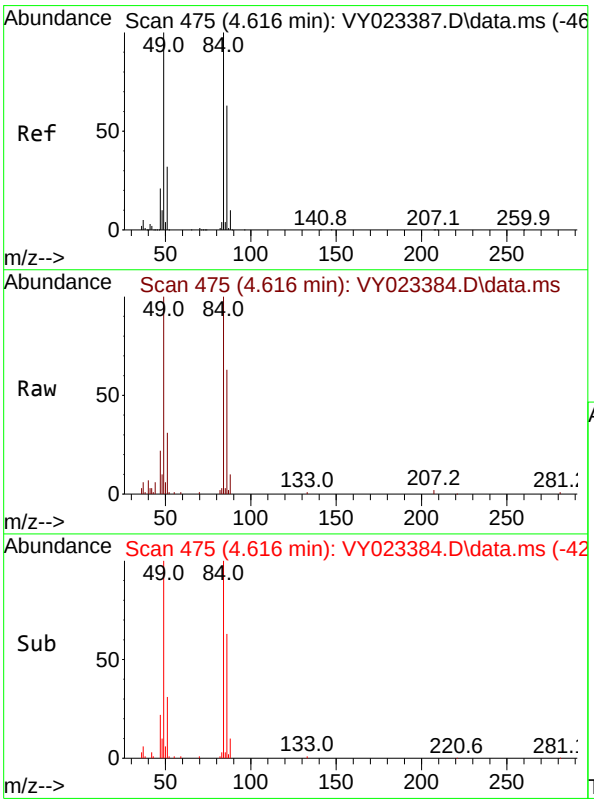
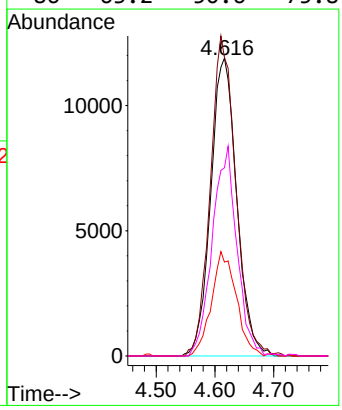
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

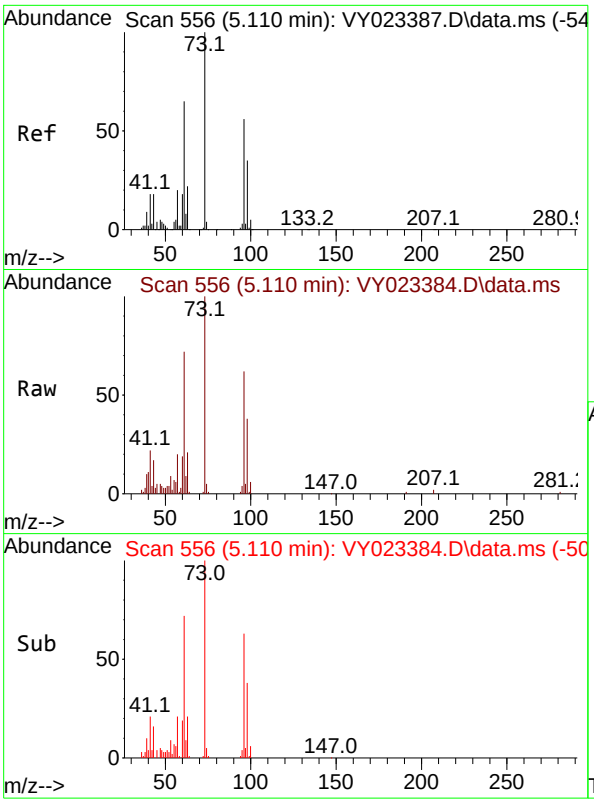


#20
Methylene Chloride
Concen: 5.917 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 84 Resp: 36598

Ion	Ratio	Lower	Upper
84	100		
49	100.3	80.2	120.4
51	31.6	25.9	38.9
86	63.2	50.6	75.8

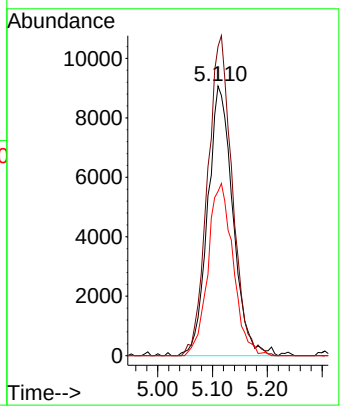




#21
trans-1,2-Dichloroethene
Concen: 4.754 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 96 Resp: 2892

Ion	Ratio	Lower	Upper
96	100		
61	114.7	92.7	139.1
98	61.0	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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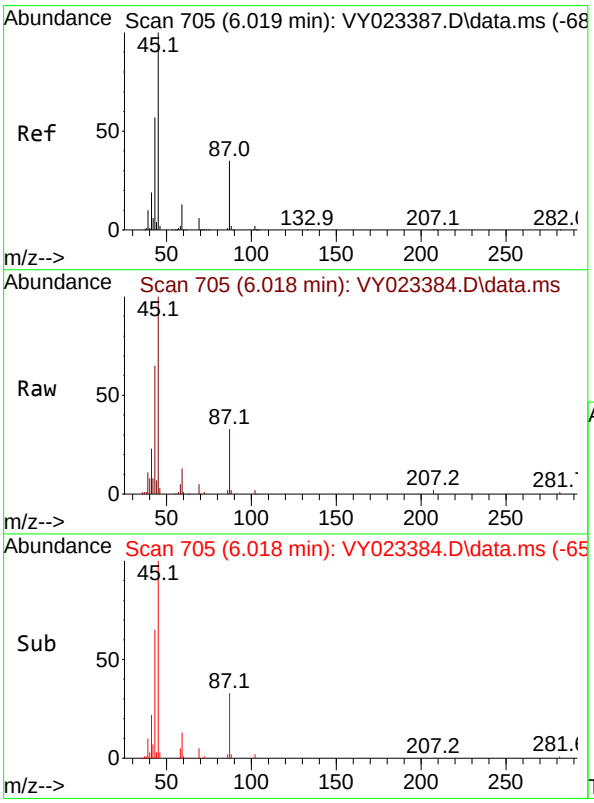
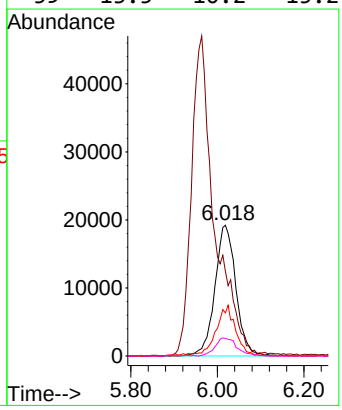
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

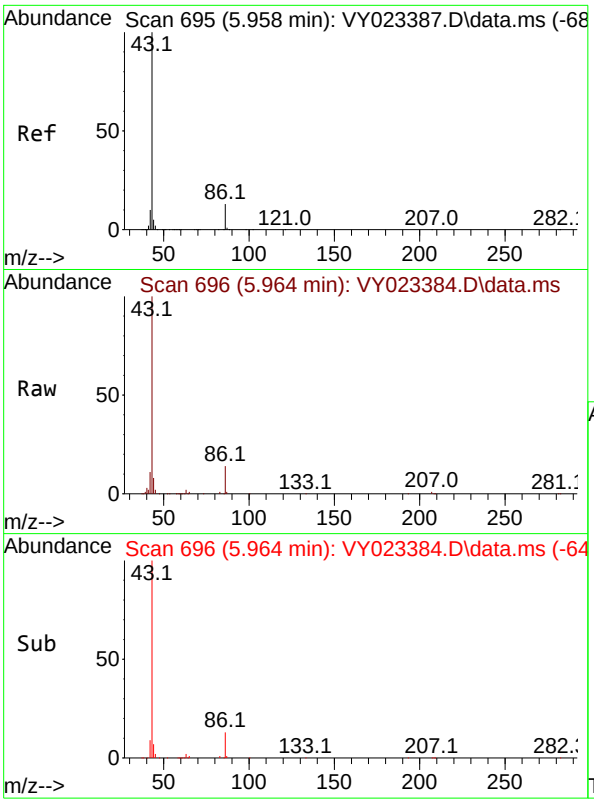


#22
Diisopropyl ether
Concen: 4.269 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 45 Resp: 64833

Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.6	68.4
87	32.9	28.1	42.1
59	13.5	10.2	15.2





#23
Vinyl Acetate
Concen: 20.824 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 17385

Ion	Ratio	Lower	Upper
43	100		
86	13.6	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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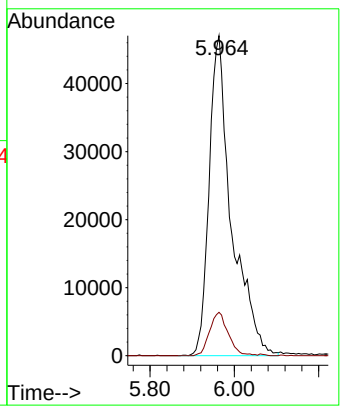
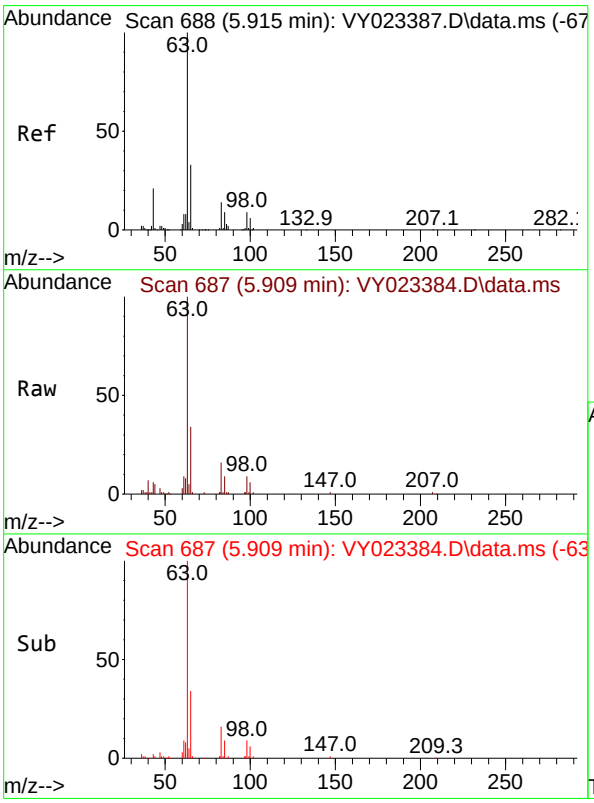
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

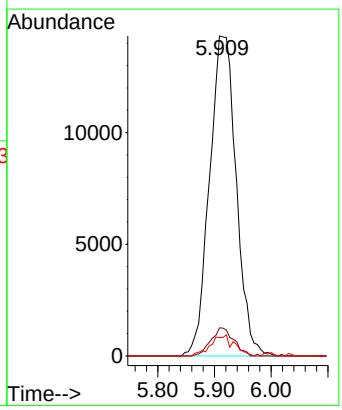


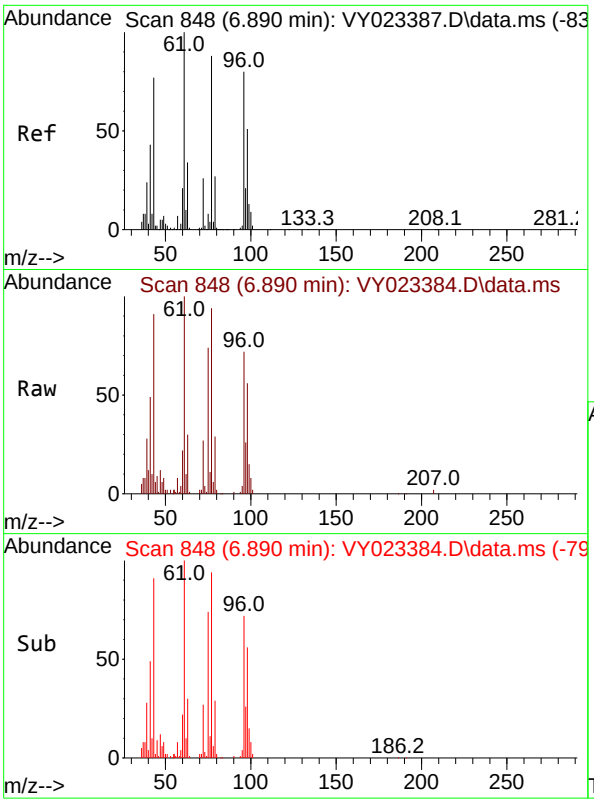


#24
1,1-Dichloroethane
Concen: 4.679 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 46850

Ion	Ratio	Lower	Upper
63	100		
98	8.8	4.3	13.1
100	5.8	2.8	8.4





#25
2-Butanone
Concen: 27.656 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 3899

Ion	Ratio	Lower	Upper
43	100		
72	30.0	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/10/2025
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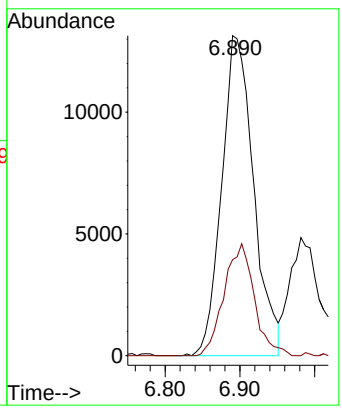
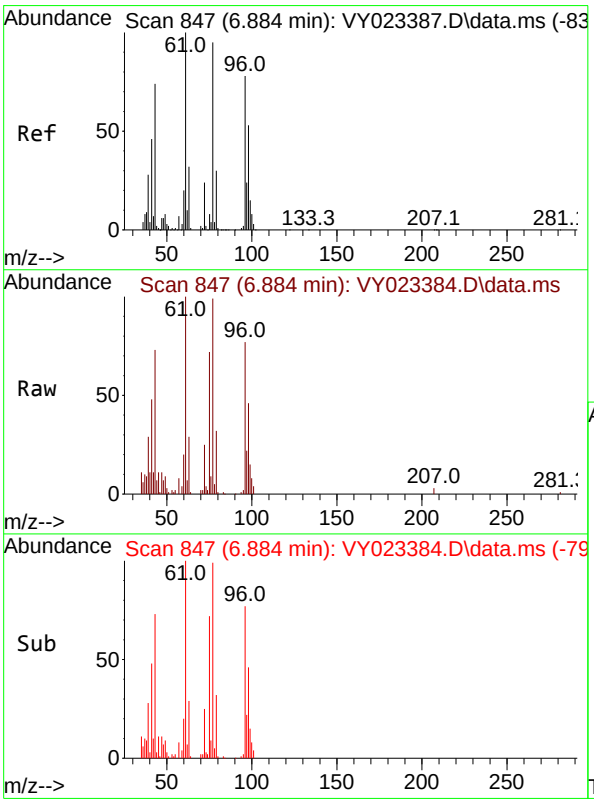
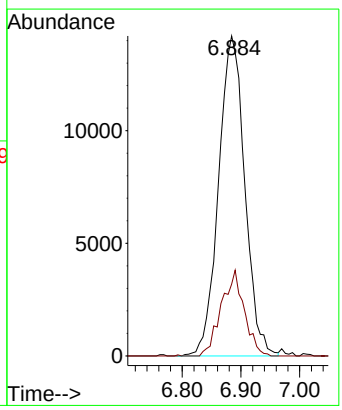


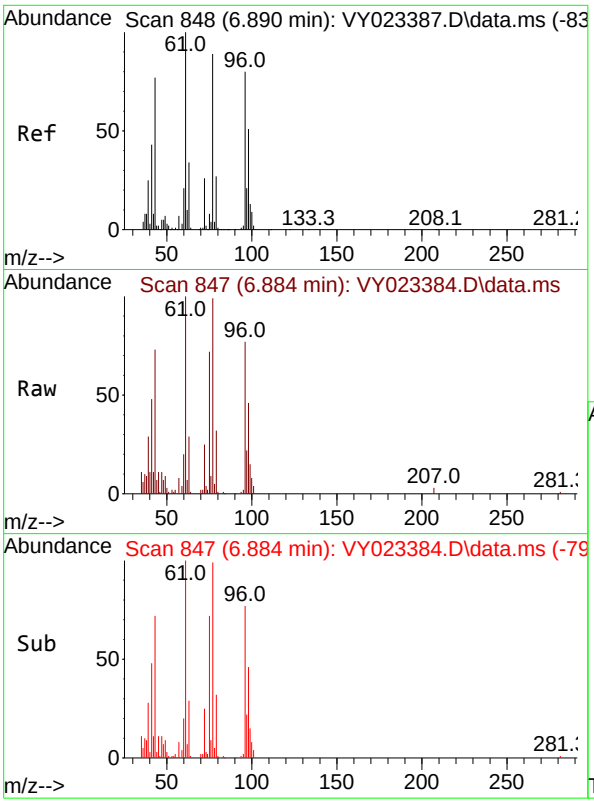


#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 77 Resp: 44062

Ion	Ratio	Lower	Upper
77	100		
97	23.4	12.1	36.3

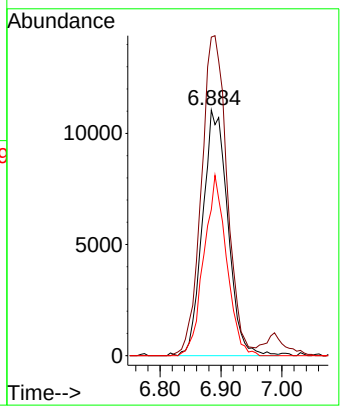




#27
cis-1,2-Dichloroethene
Concen: 4.600 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 96 Resp: 3174

Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	258.2
98	66.1	0.0	132.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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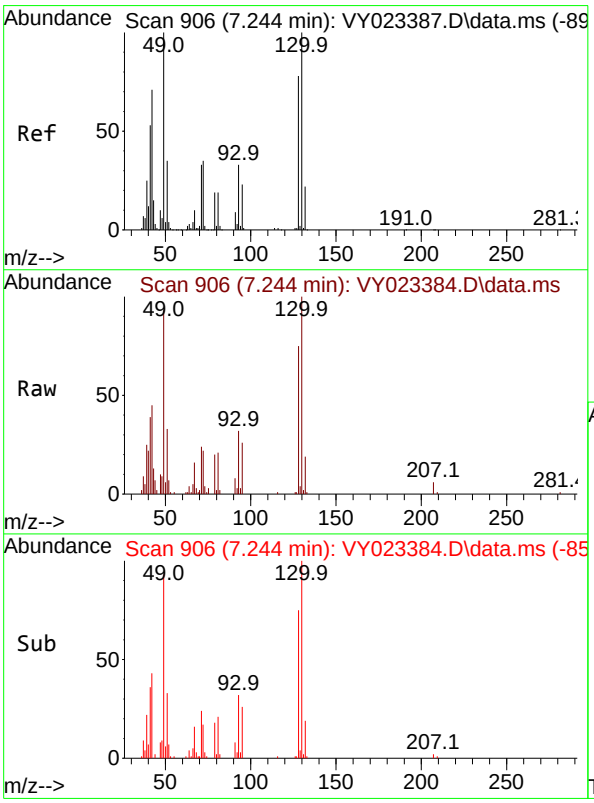
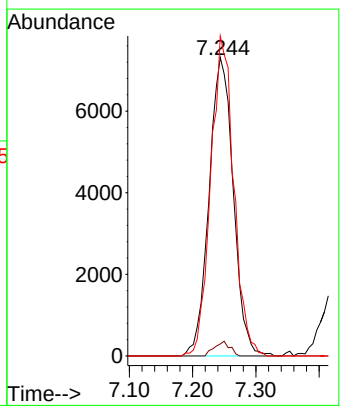
Supervised By :Mahesh Dadoda 10/10/2025

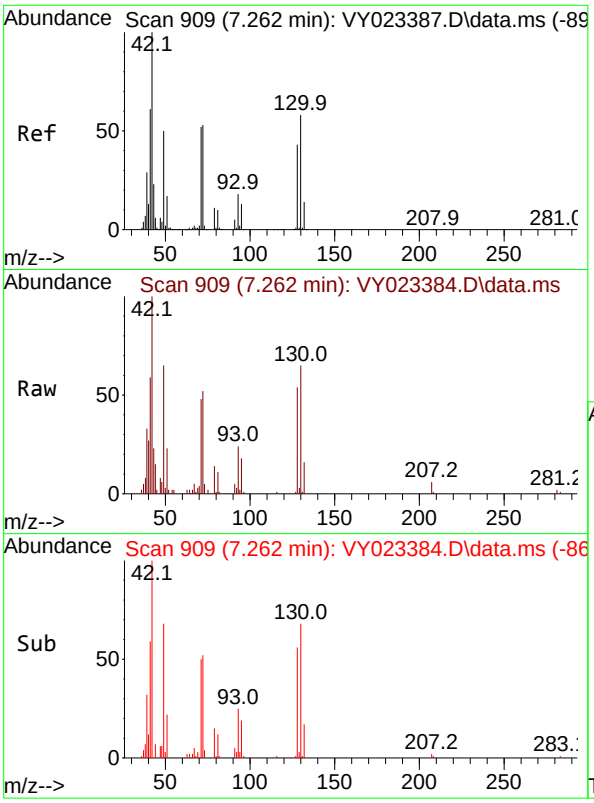


#28
Bromochloromethane
Concen: 5.006 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 49 Resp: 19445

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	101.5	81.9	122.9

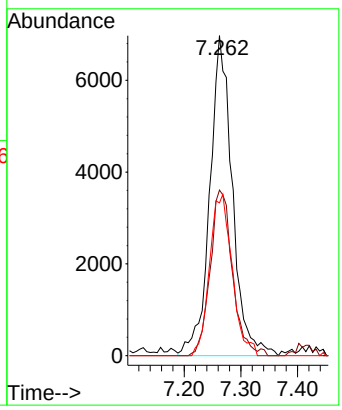




#29
Tetrahydrofuran
Concen: 23.059 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 42 Resp: 1929(

Ion	Ratio	Lower	Upper
42	100		
72	51.0	43.0	64.6
71	50.4	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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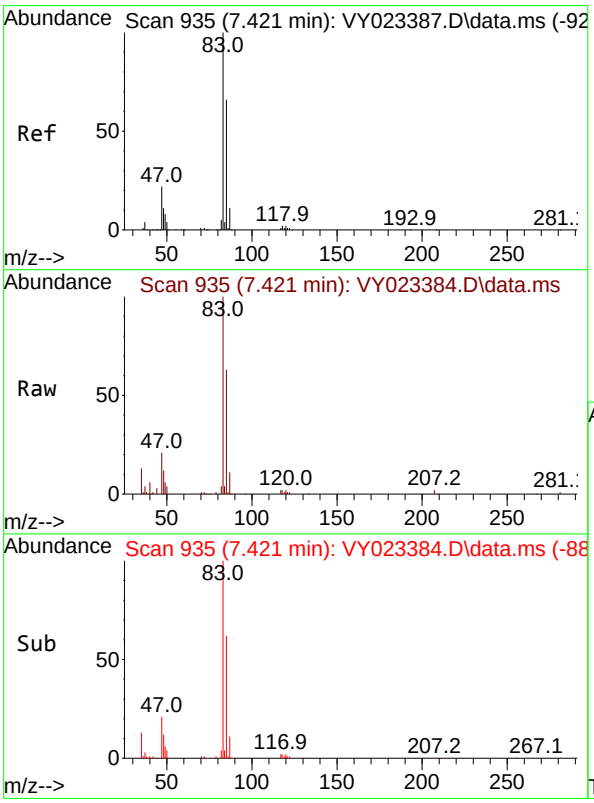
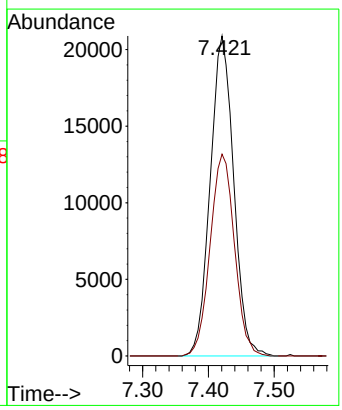
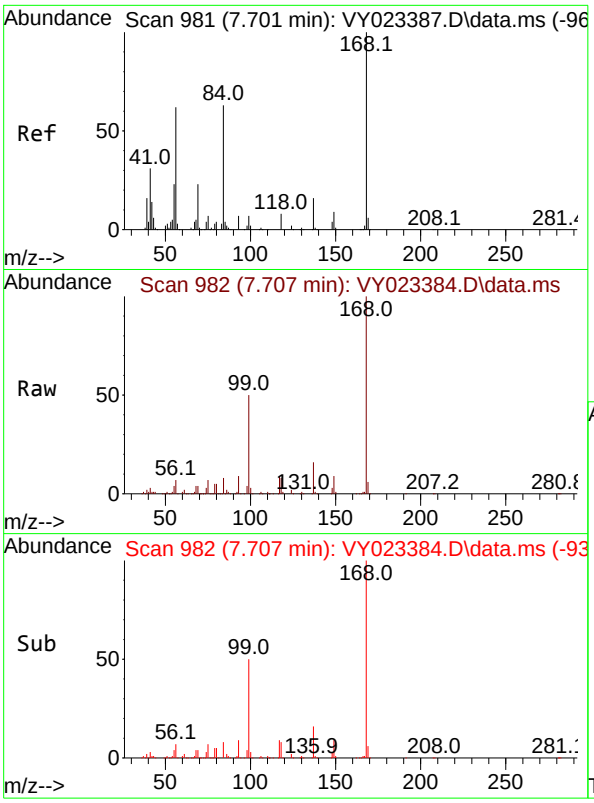


#30
Chloroform
Concen: 4.806 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 51887

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.5	78.7





#31
Cyclohexane
Concen: 5.279 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 56 Resp: 4667

Ion	Ratio	Lower	Upper
56	100		
69	62.0	30.0	45.0
84	115.8	81.2	121.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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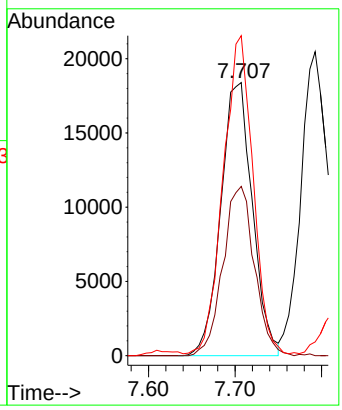
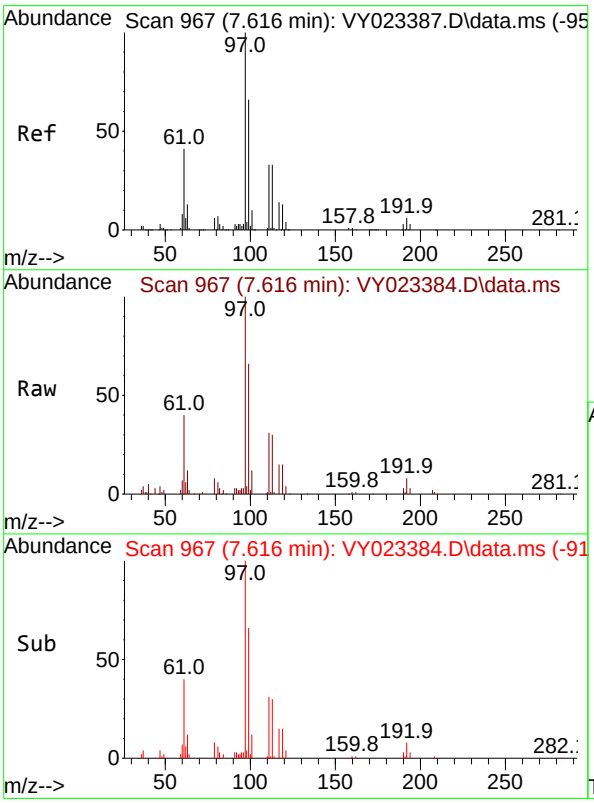
Supervised By :Mahesh Dadoda 10/10/2025

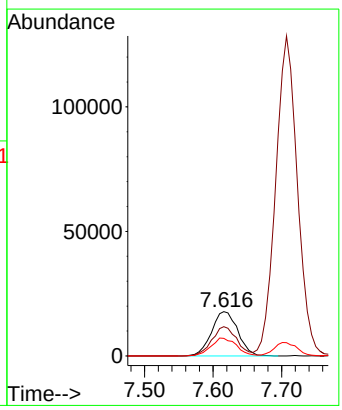


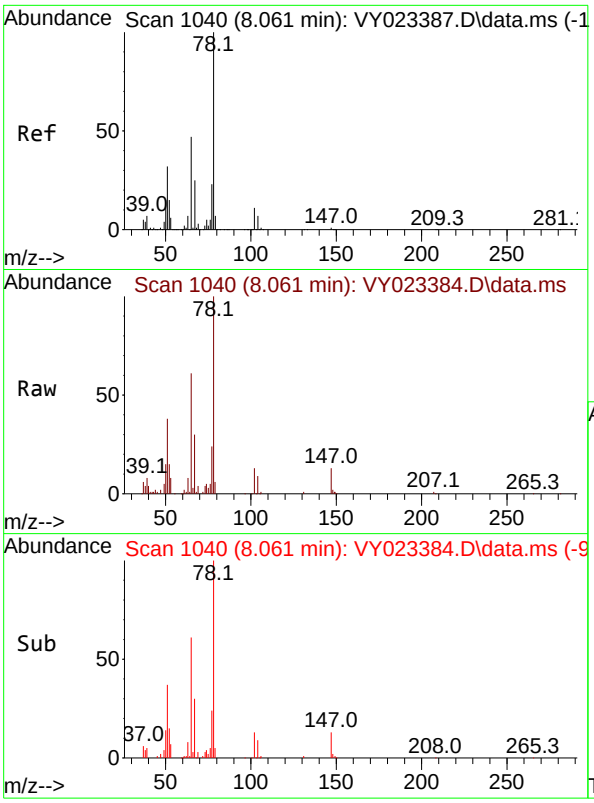


#32
1,1,1-Trichloroethane
Concen: 4.881 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 97 Resp: 47305

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	39.4	31.9	47.9

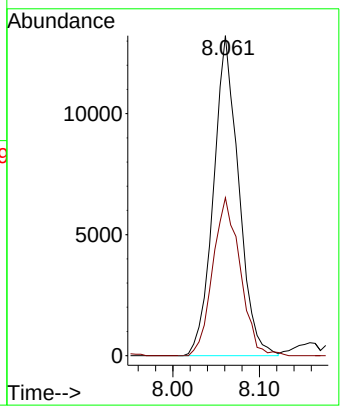




#33
1,2-Dichloroethane-d4
Concen: 5.258 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 65 Resp: 2667

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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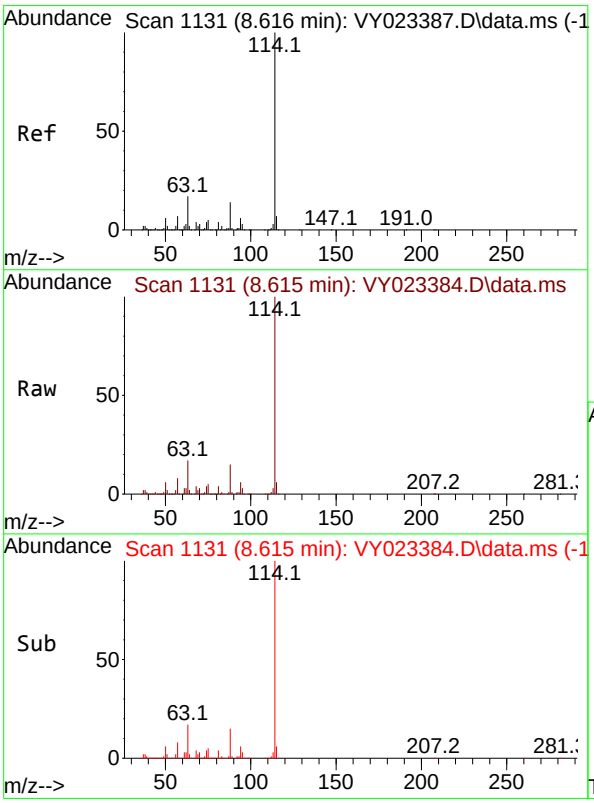
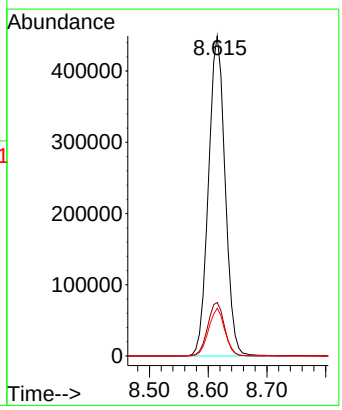
Supervised By :Mahesh Dadoda 10/10/2025

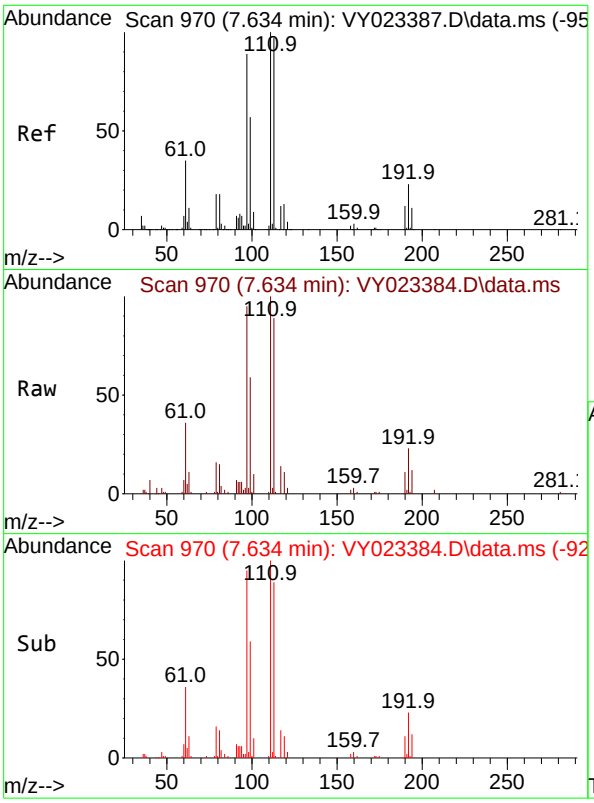


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:114 Resp: 882488

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.2
88	14.9	0.0	28.4

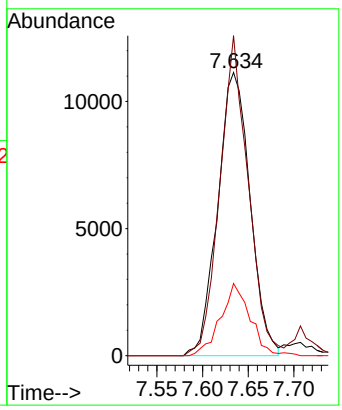




#35
Dibromofluoromethane
Concen: 5.126 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:113 Resp: 2745

Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.8	122.6
192	23.4	18.0	27.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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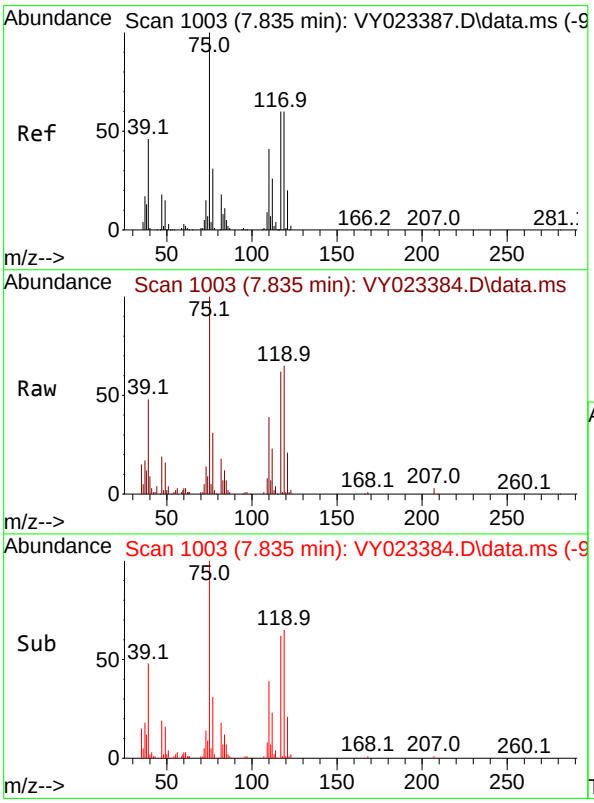
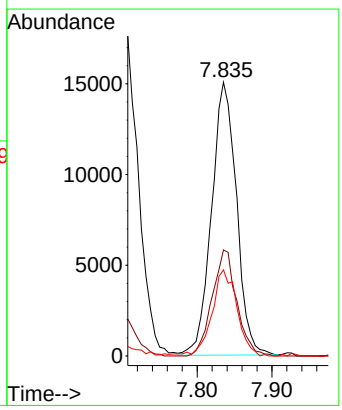
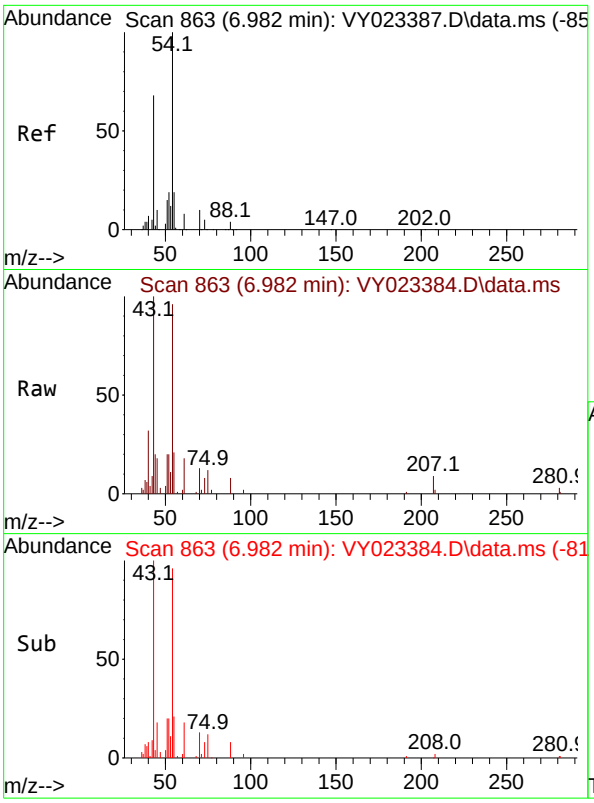


#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 34888

Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.9	59.7
77	32.1	25.0	37.6





#37
Ethyl Acetate
Concen: 4.379 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 1308

Ion	Ratio	Lower	Upper
43	100		
61	18.2	11.8	17.8
70	15.0	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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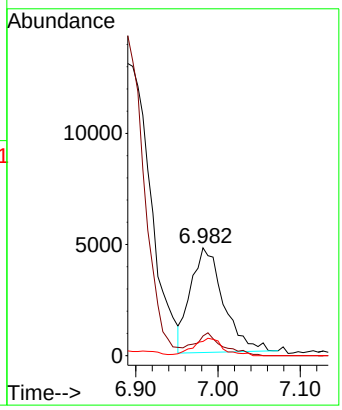
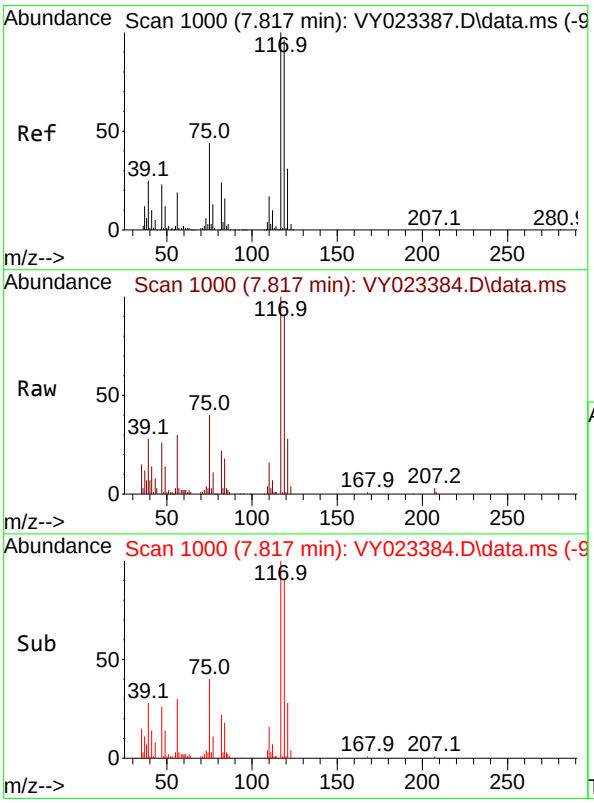
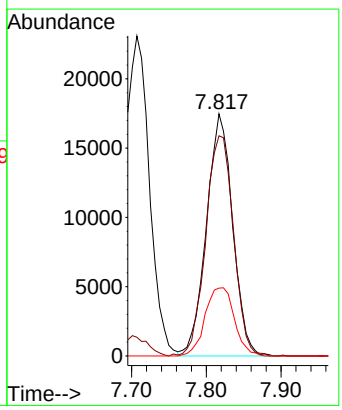


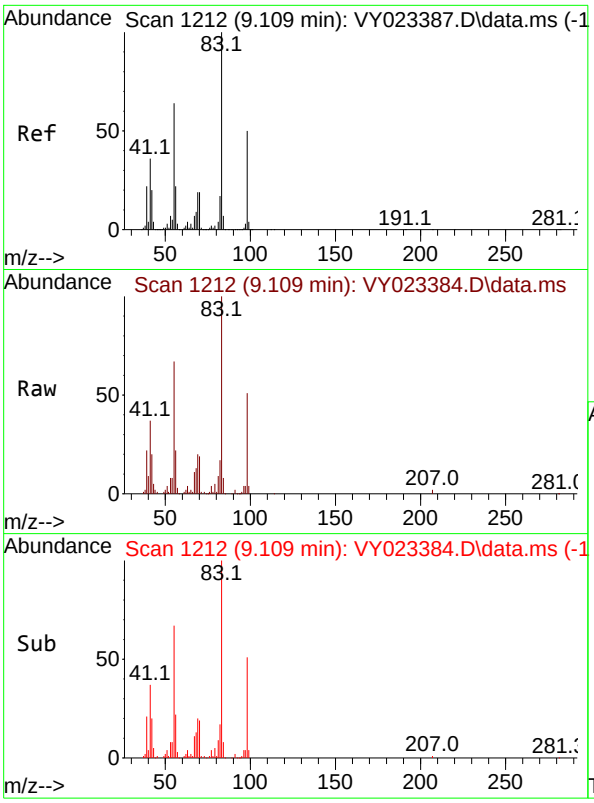


#38
Carbon Tetrachloride
Concen: 4.859 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:117 Resp: 42654

Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.8	115.2
121	28.0	24.5	36.7

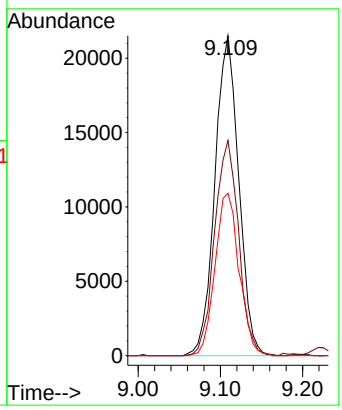




#39
Methylcyclohexane
Concen: 4.479 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 4332

Ion	Ratio	Lower	Upper
83	100		
55	67.2	51.4	77.2
98	50.8	40.4	60.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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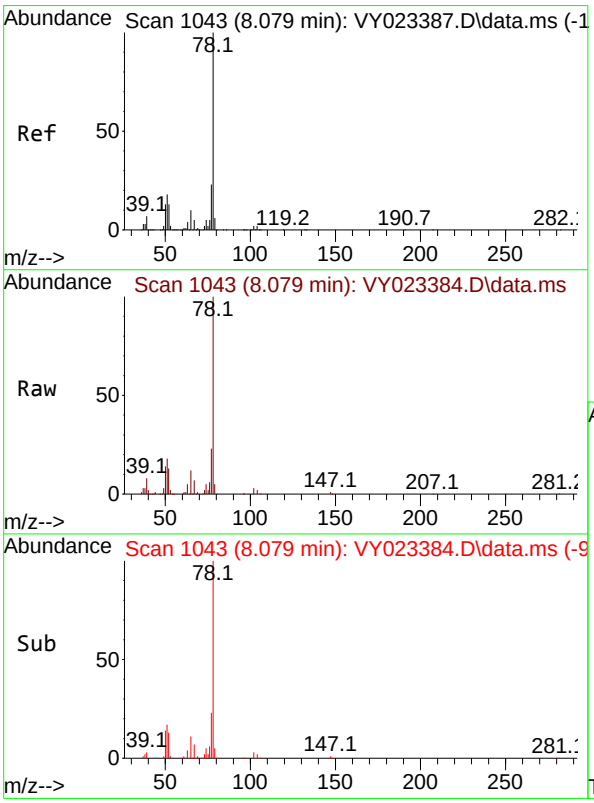
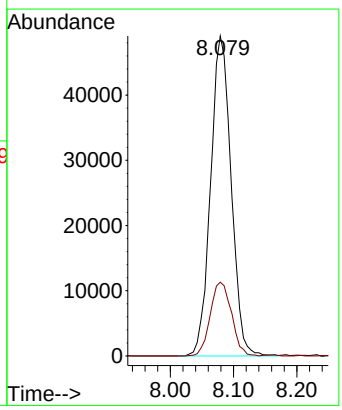
Supervised By :Mahesh Dadoda 10/10/2025

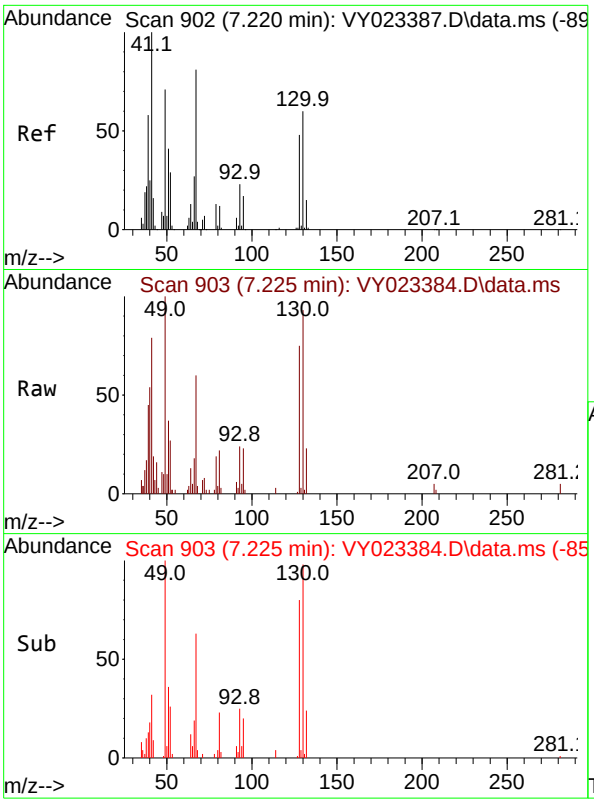


#40
Benzene
Concen: 4.693 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 78 Resp: 110551

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5

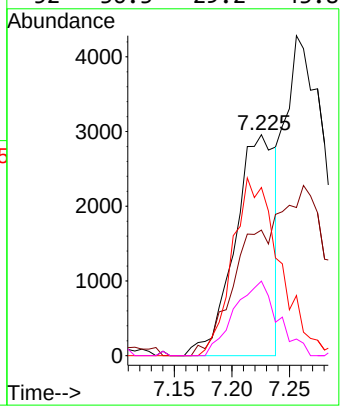




#41
Methacrylonitrile
Concen: 4.658 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 722

Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.2	78.4
67	95.1	74.9	112.3
52	36.3	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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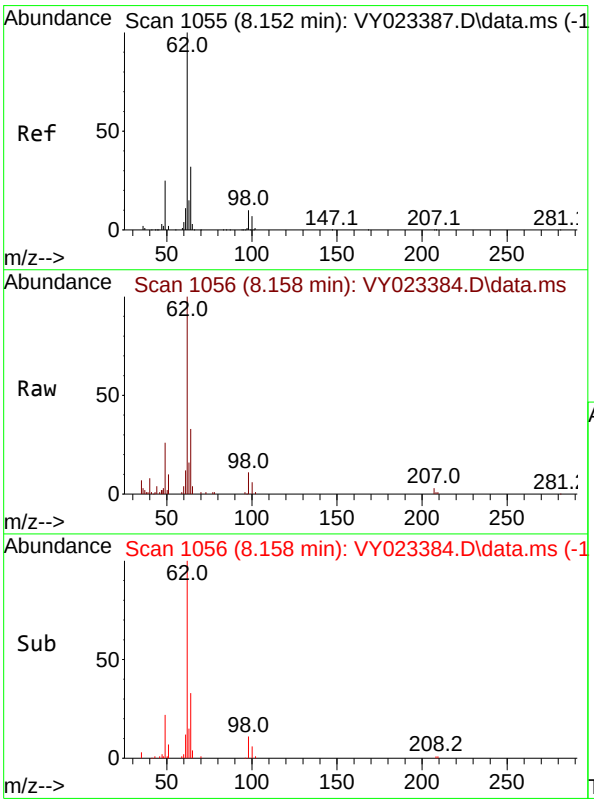
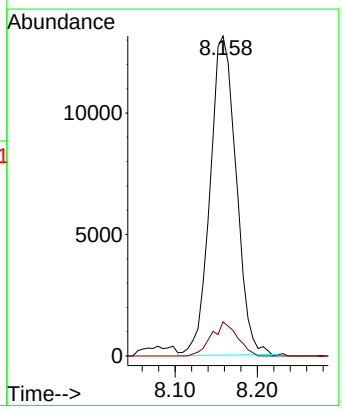
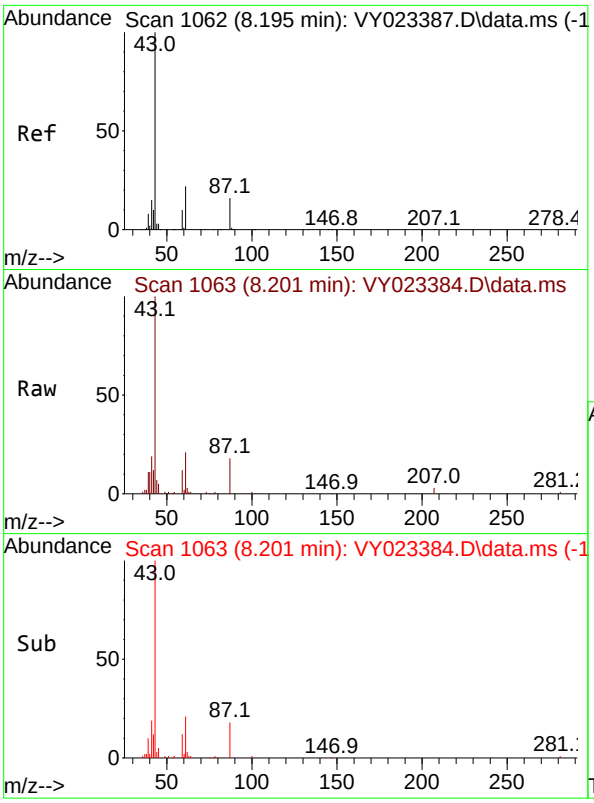


#42
1,2-Dichloroethane
Concen: 4.828 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 28940

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.6

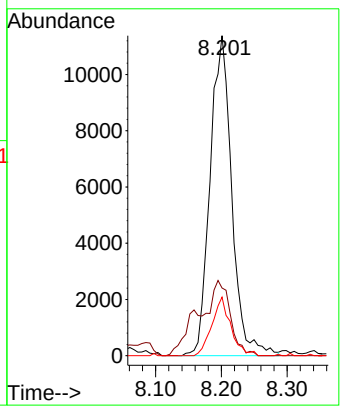




#43
Isopropyl Acetate
Concen: 4.503 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 2616

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	15.9	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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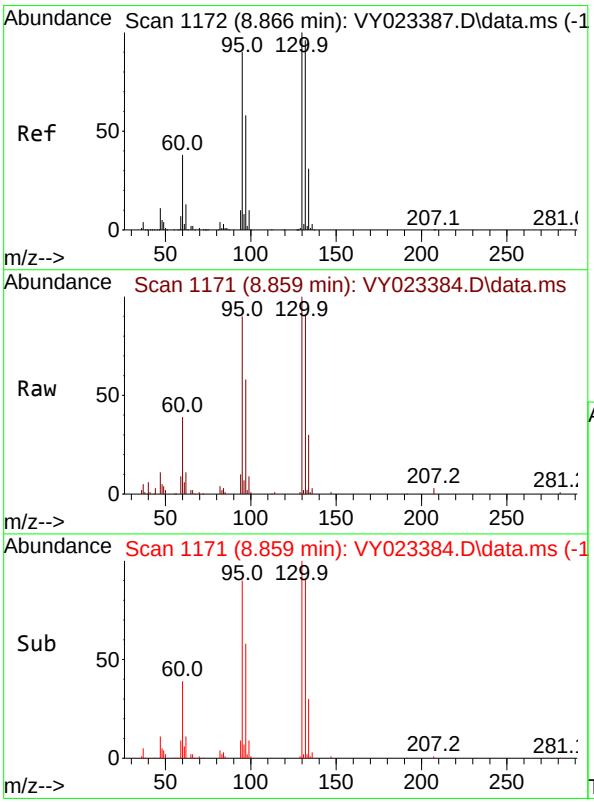
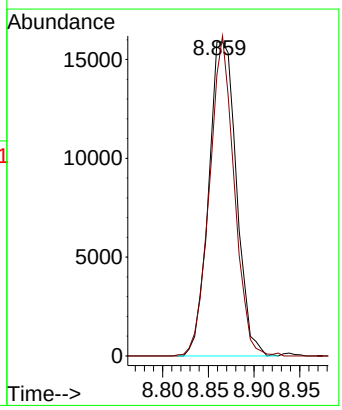
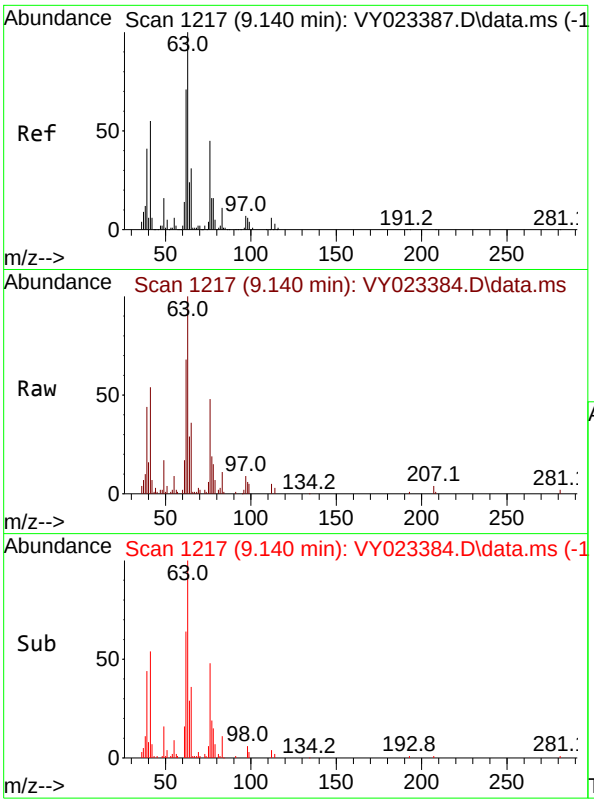


#44
Trichloroethene
Concen: 5.077 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:130 Resp: 33564

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	180.6

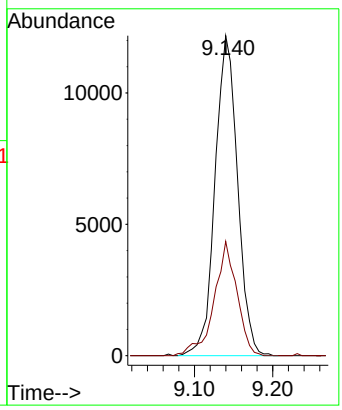




#45
1,2-Dichloropropane
Concen: 4.595 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 2435

Ion	Ratio	Lower	Upper
63	100		
65	35.7	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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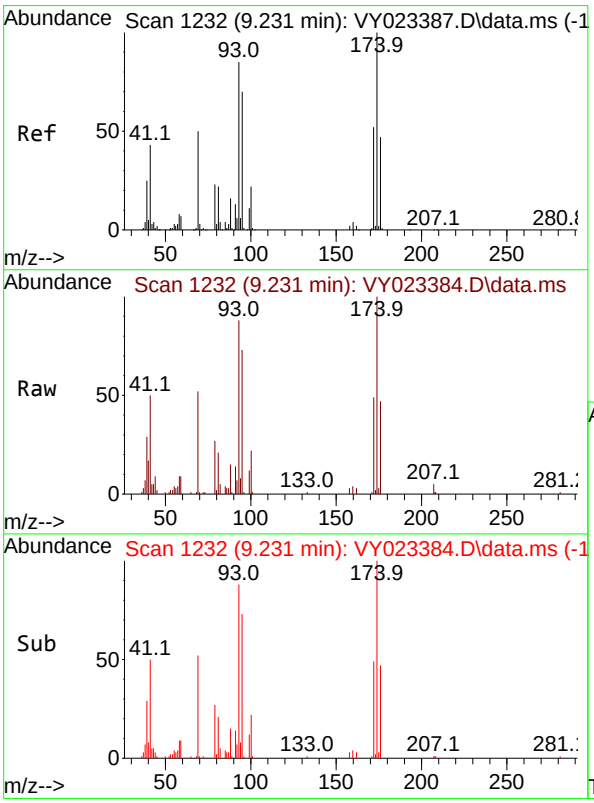
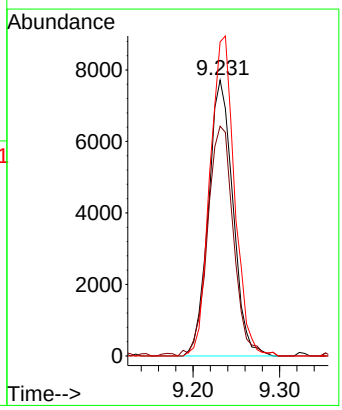
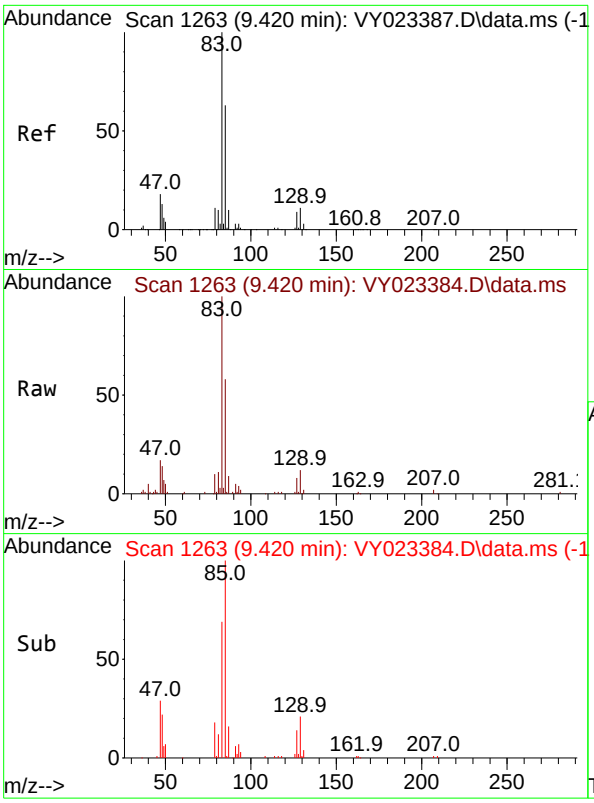


#46
Dibromomethane
Concen: 4.682 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 93 Resp: 15179

Ion	Ratio	Lower	Upper
93	100		
95	87.6	65.4	98.0
174	116.2	92.9	139.3

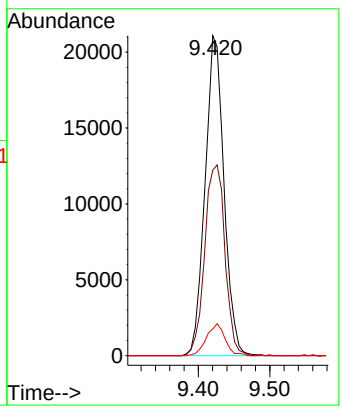




#47
Bromodichloromethane
Concen: 4.756 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 3881

Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.8	76.2
127	8.4	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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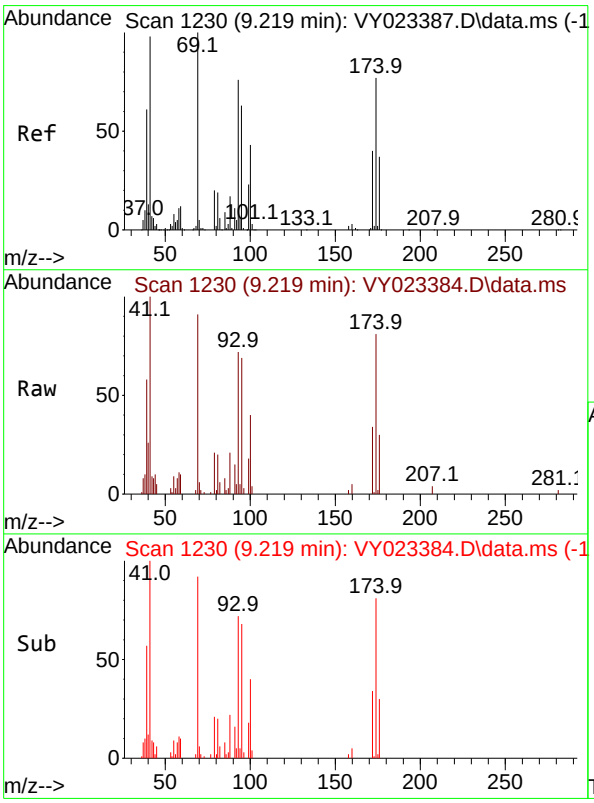
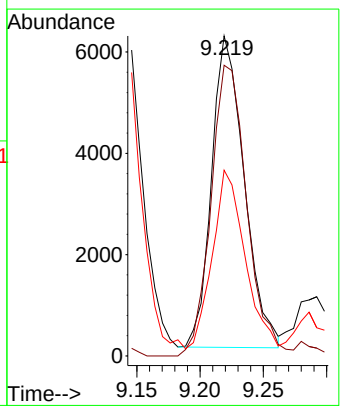
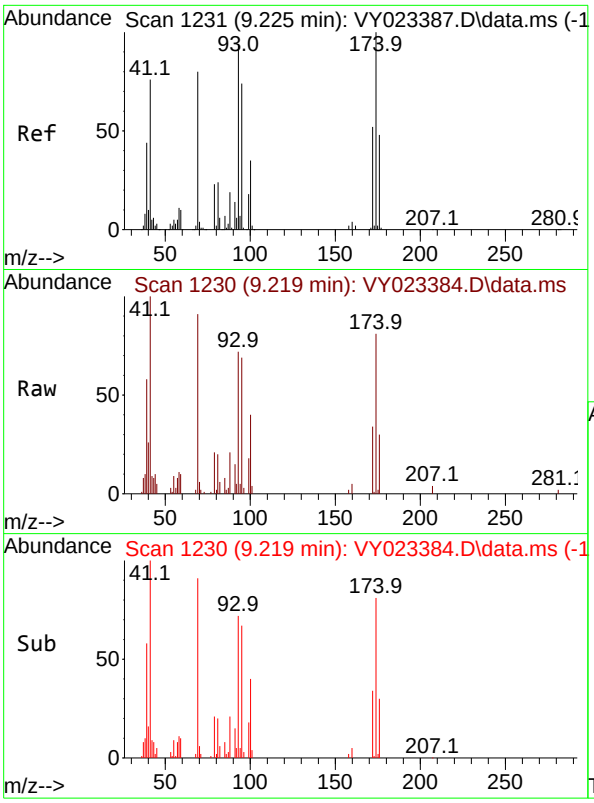


#48
Methyl methacrylate
Concen: 4.071 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 11038

Ion	Ratio	Lower	Upper
41	100		
69	102.5	81.0	121.4
39	62.4	48.2	72.4

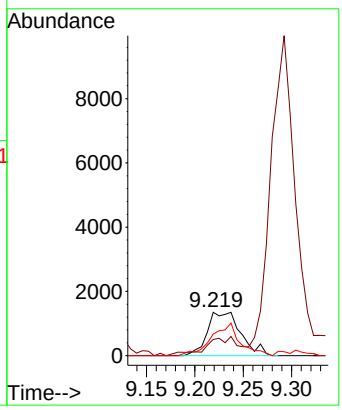




#49
1,4-Dioxane
Concen: 96.953 ug/l
RT: 9.219 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 88 Resp: 325

Ion	Ratio	Lower	Upper
88	100		
43	43.1	21.8	32.8
58	63.4	46.8	70.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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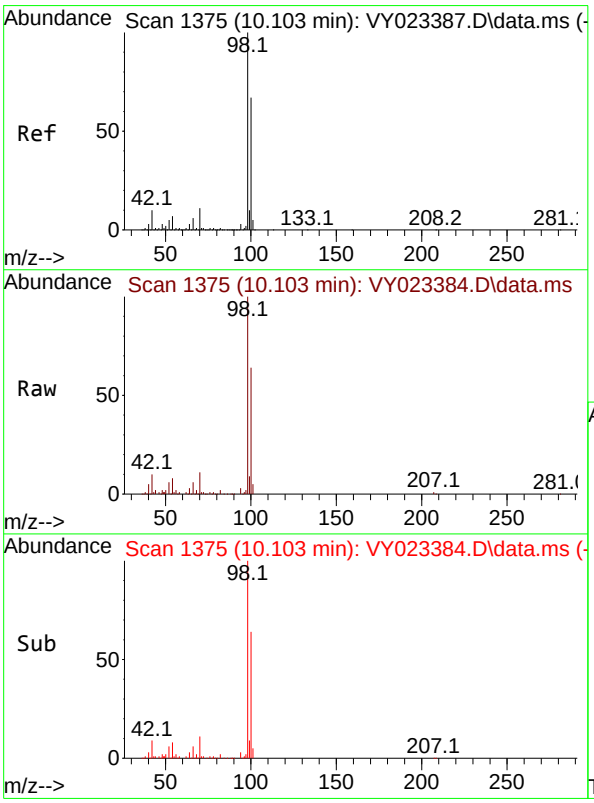
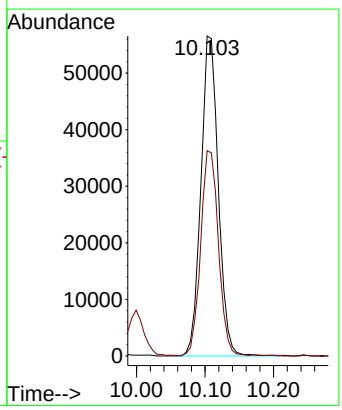
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

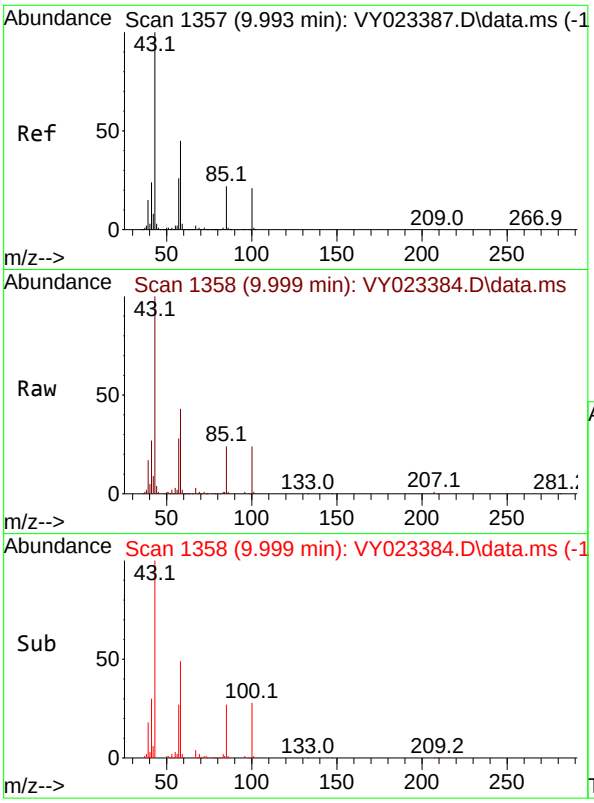


#50
Toluene-d8
Concen: 4.946 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 98 Resp: 99905

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 20.925 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 6227

Ion	Ratio	Lower	Upper
43	100		
58	42.7	35.3	52.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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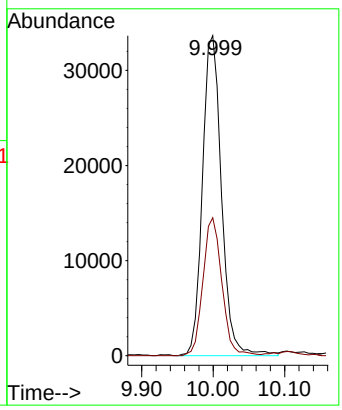
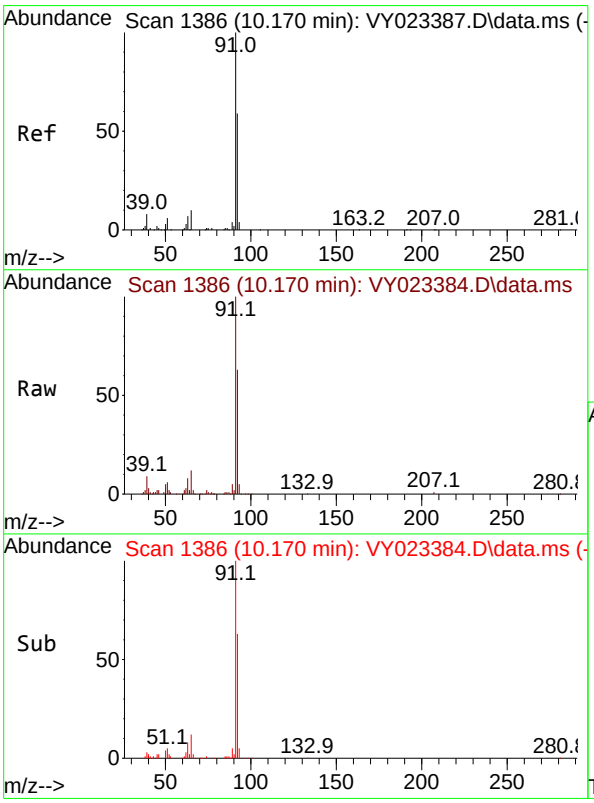
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

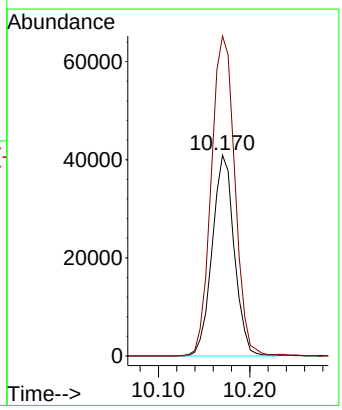


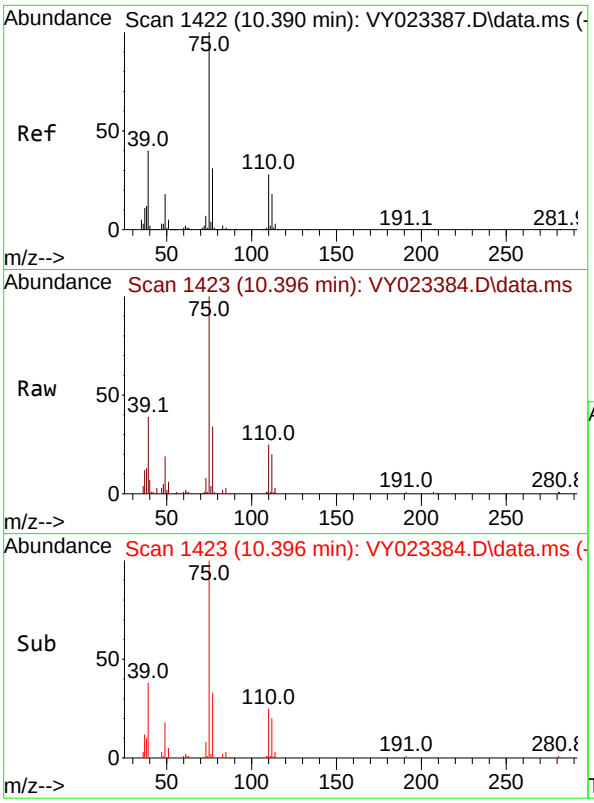


#52
Toluene
Concen: 4.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 92 Resp: 68550

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.4	204.6

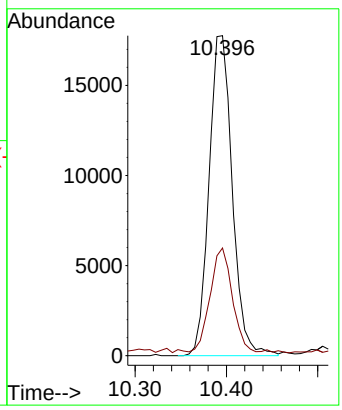




#53
t-1,3-Dichloropropene
Concen: 4.491 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 3147

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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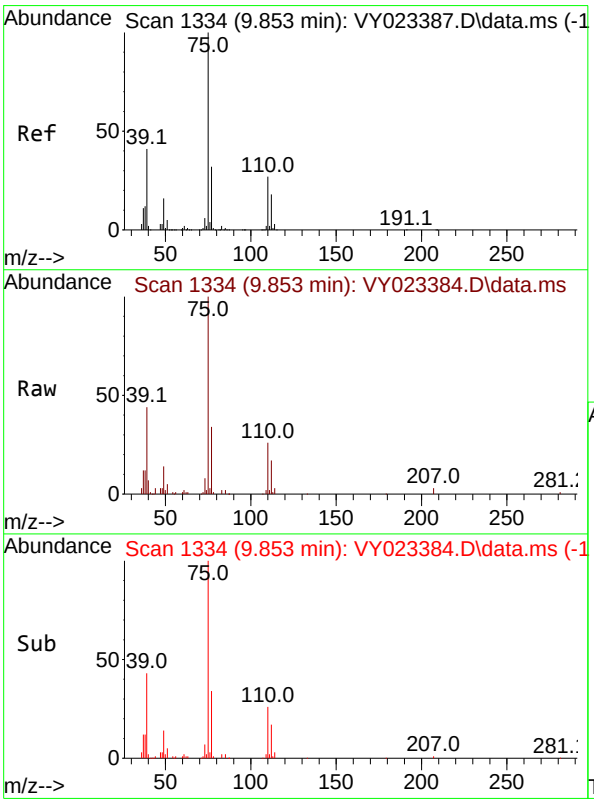
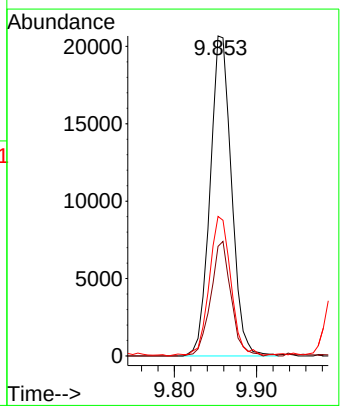
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

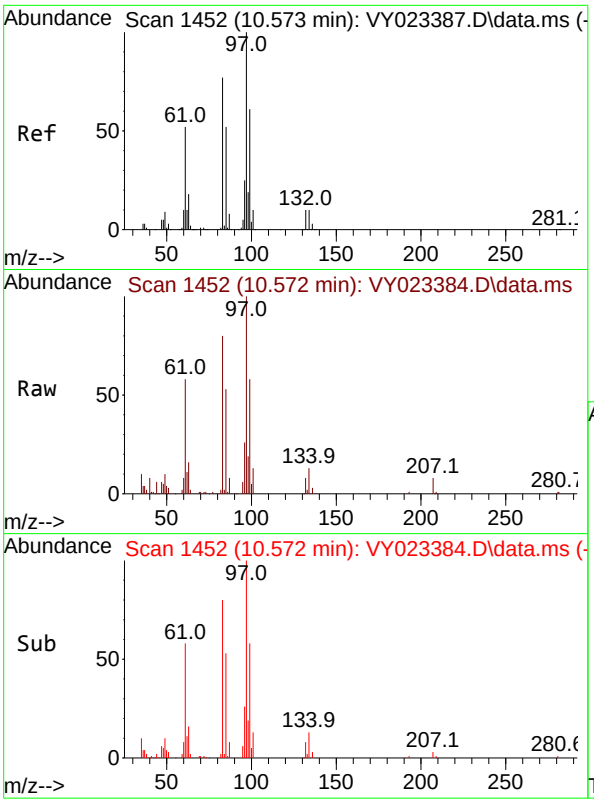


#54
cis-1,3-Dichloropropene
Concen: 4.463 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 37392

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.4	38.0
39	43.0	32.8	49.2

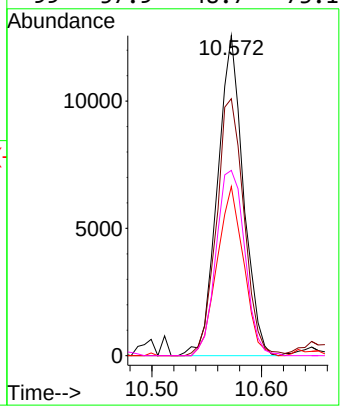




#55
1,1,2-Trichloroethane
Concen: 4.786 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 97 Resp: 2064

Ion	Ratio	Lower	Upper
97	100		
83	80.3	61.8	92.6
85	52.8	41.3	61.9
99	57.9	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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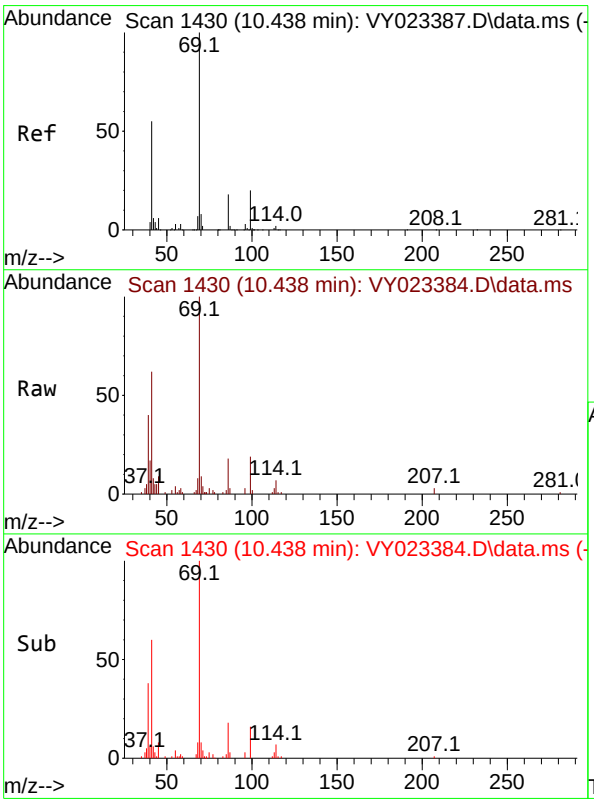
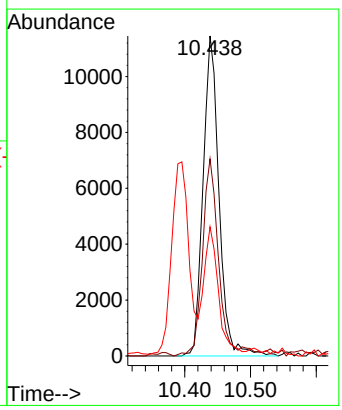
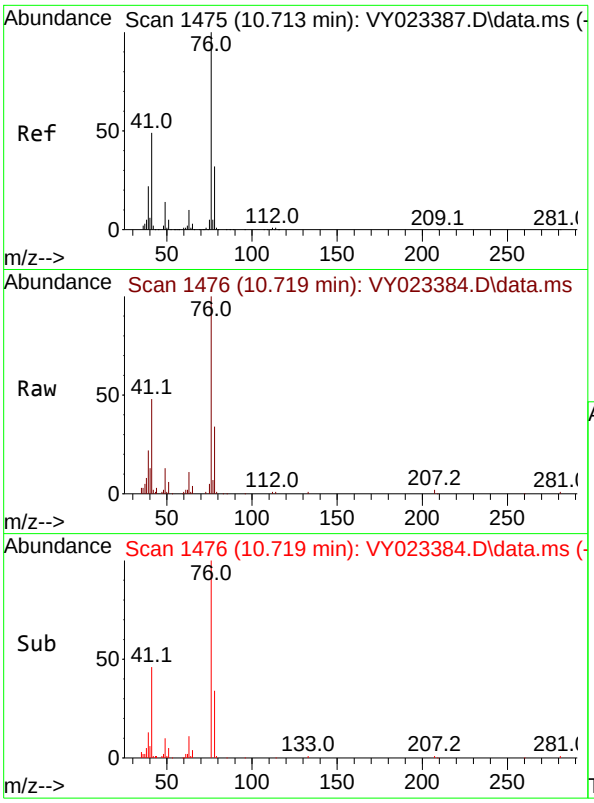


#56
Ethyl methacrylate
Concen: 3.891 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 69 Resp: 19324

Ion	Ratio	Lower	Upper
69	100		
41	60.6	44.6	67.0
39	36.2	27.0	40.4

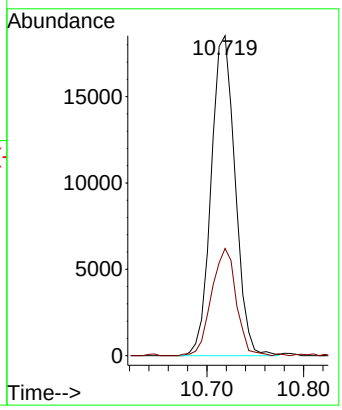




#57
1,3-Dichloropropane
Concen: 4.560 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 76 Resp: 3183

Ion	Ratio	Lower	Upper
76	100		
78	34.4	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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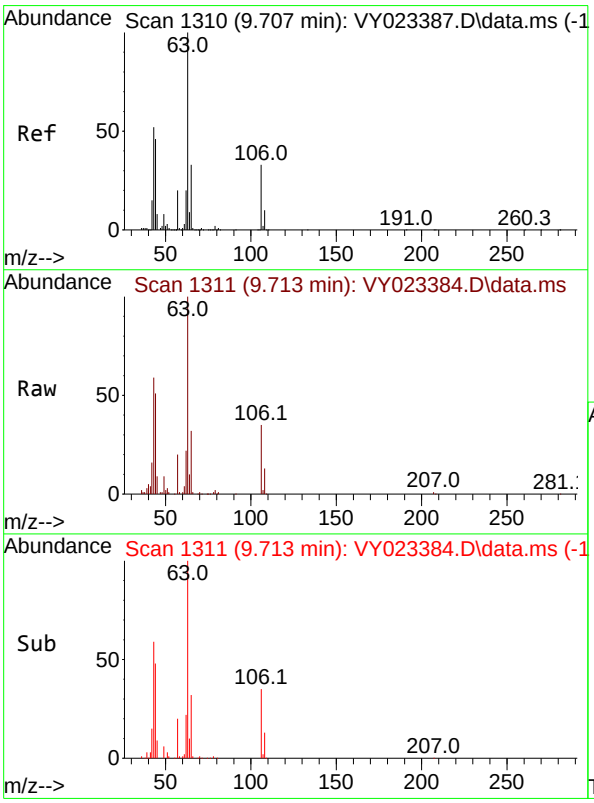
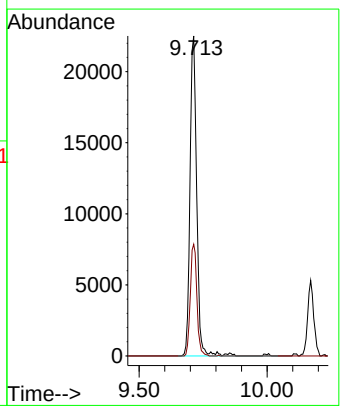
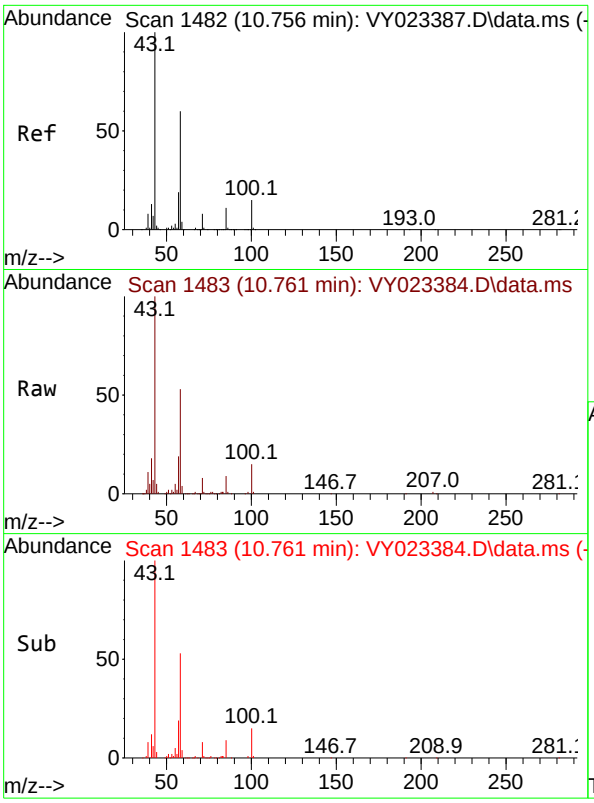


#58
2-Chloroethyl Vinyl ether
Concen: 18.894 ug/l m
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 41054

Ion	Ratio	Lower	Upper
63	100		
106	34.1	26.6	39.8





#59
2-Hexanone
Concen: 23.185 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 4777

Ion	Ratio	Lower	Upper
43	100		
58	58.4	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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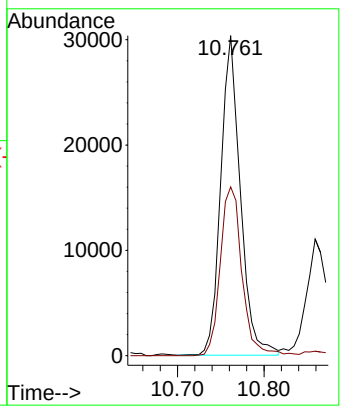
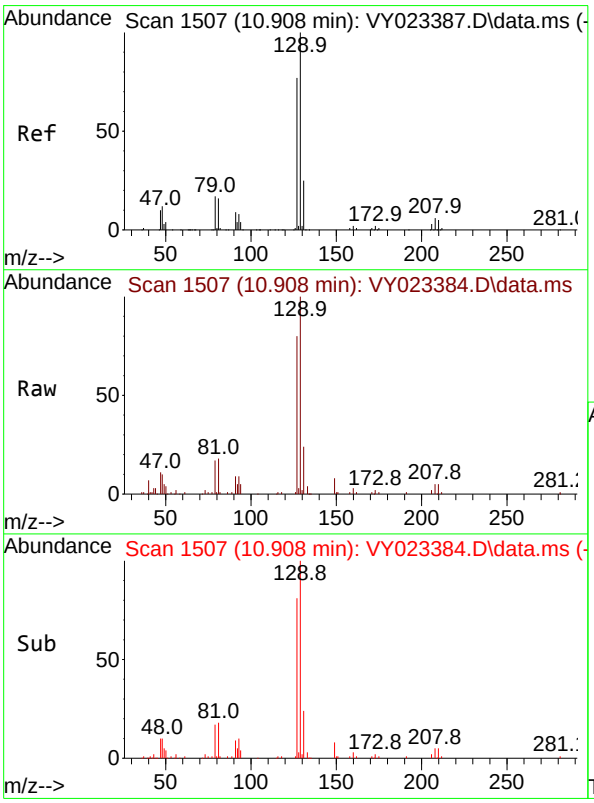
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

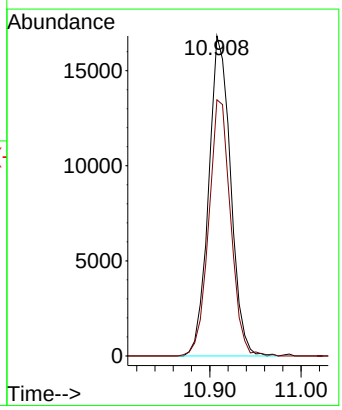


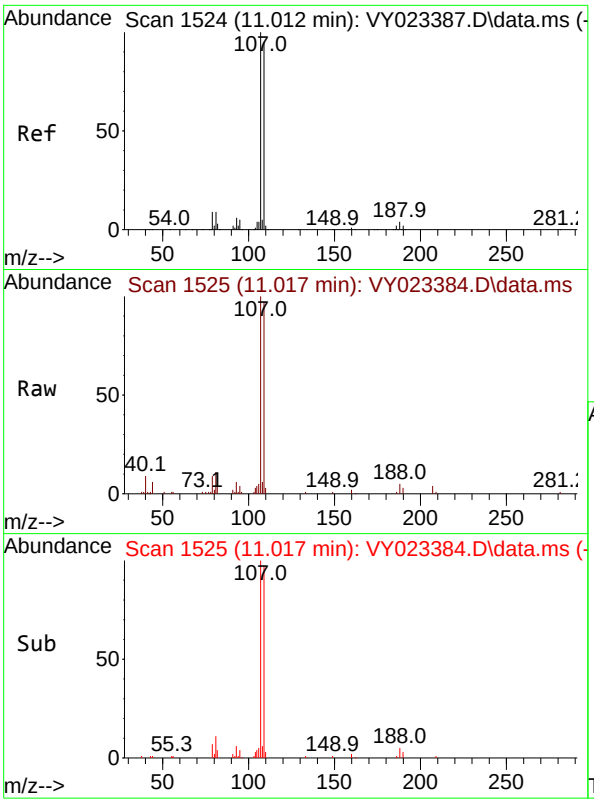


#60
Dibromochloromethane
Concen: 4.783 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:129 Resp: 28135

Ion	Ratio	Lower	Upper
129	100		
127	79.7	38.6	115.7

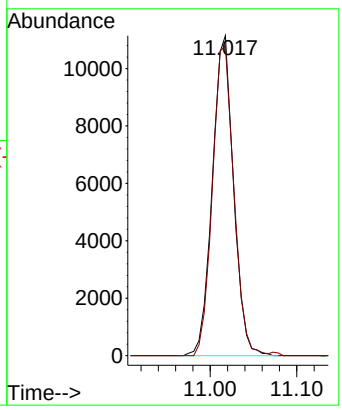




#61
1,2-Dibromoethane
Concen: 4.673 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:107 Resp: 1895

Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.1	114.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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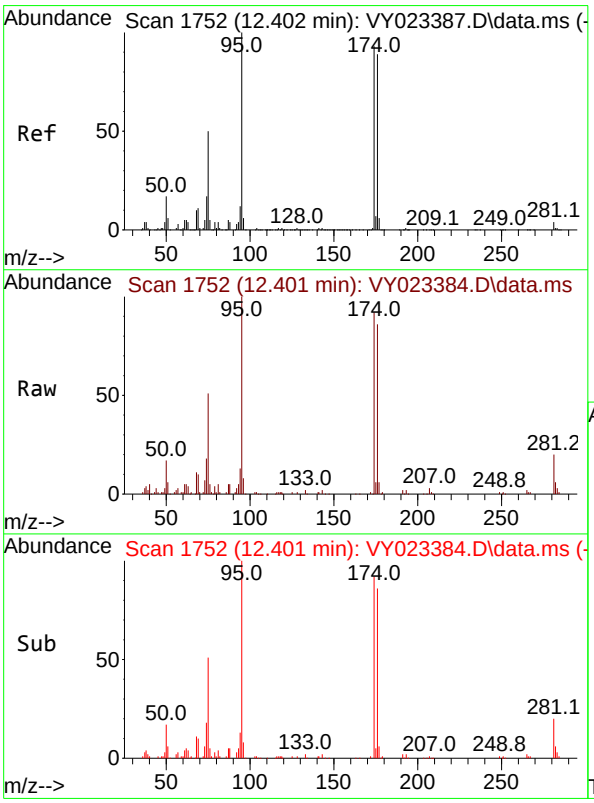
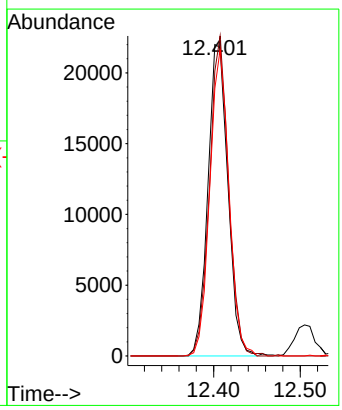
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

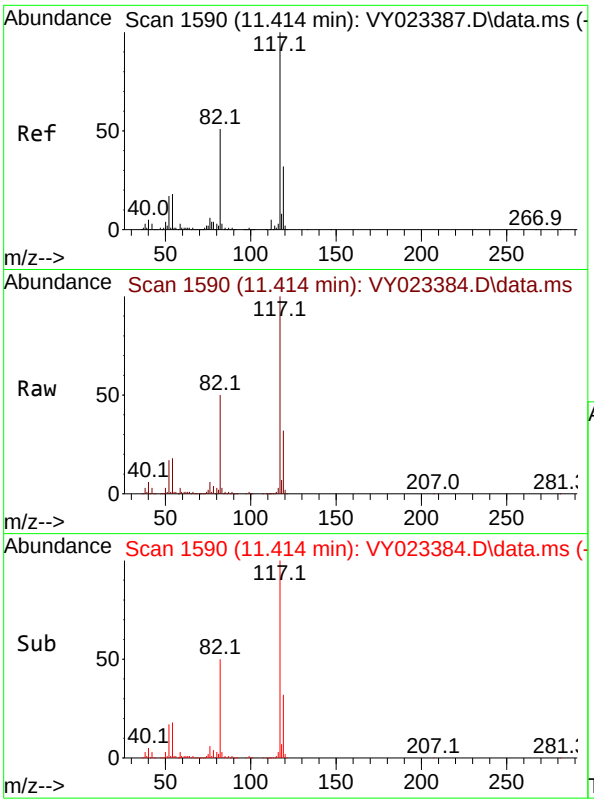


#62
4-Bromofluorobenzene
Concen: 5.548 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 95 Resp: 35355

Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	192.8
176	94.0	0.0	187.6

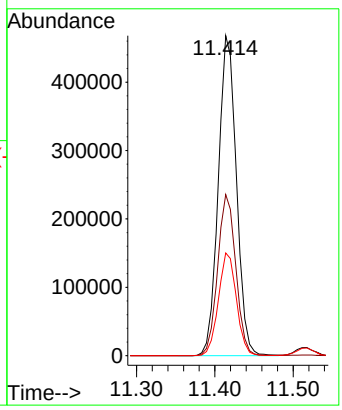




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:117 Resp: 75339

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	32.1	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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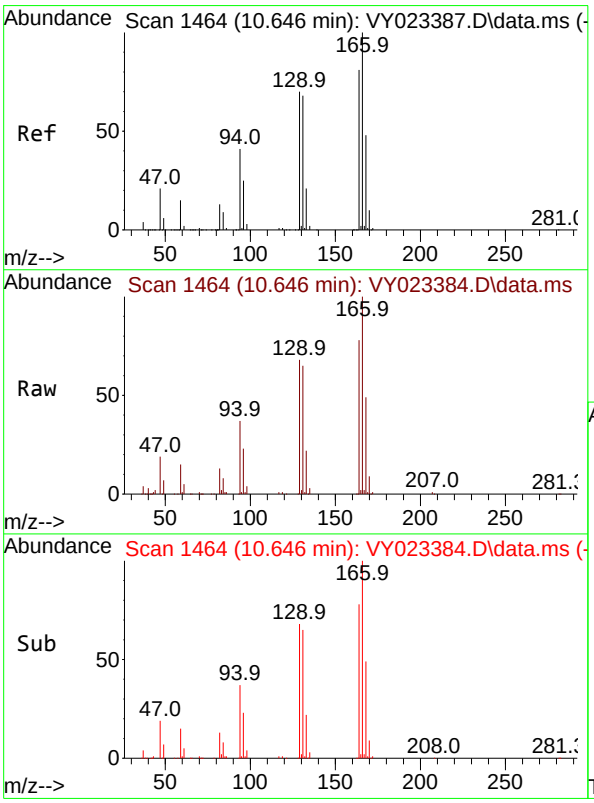
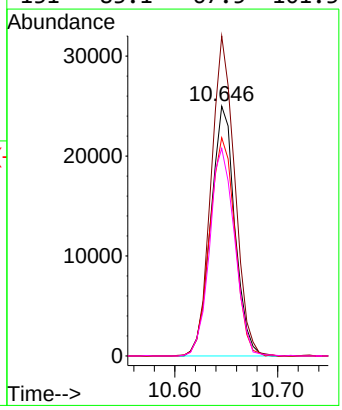
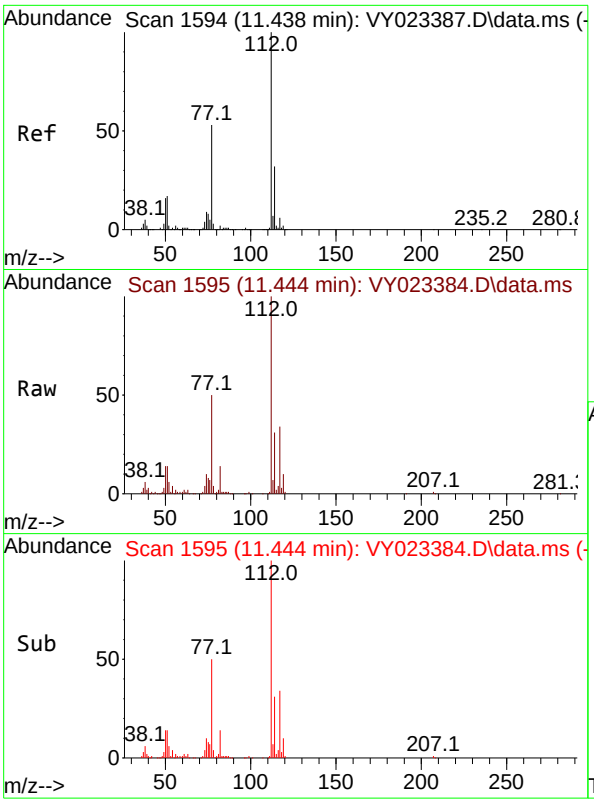


#64
Tetrachloroethene
Concen: 5.383 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:164 Resp: 40570

Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	87.4	69.4	104.2
131	83.1	67.5	101.3

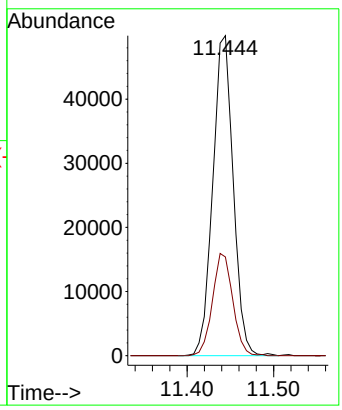




#65
Chlorobenzene
Concen: 4.997 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:112 Resp: 8180

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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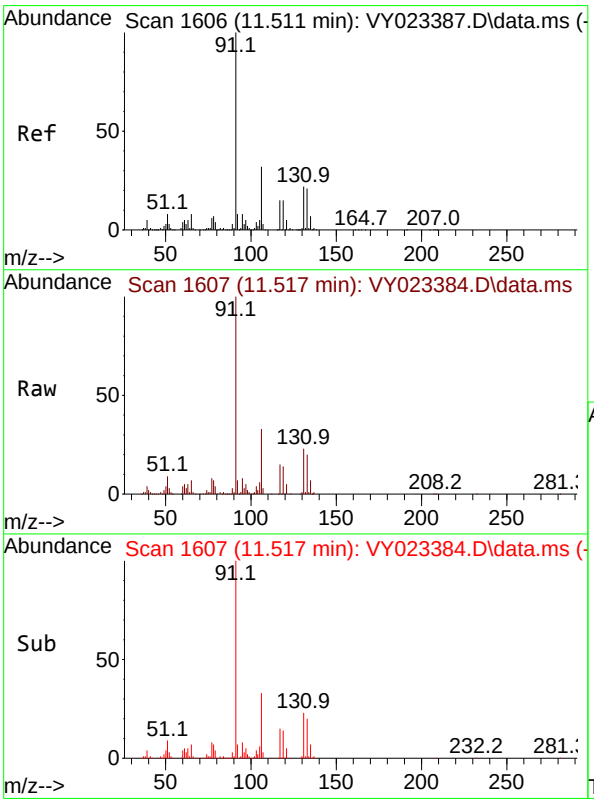
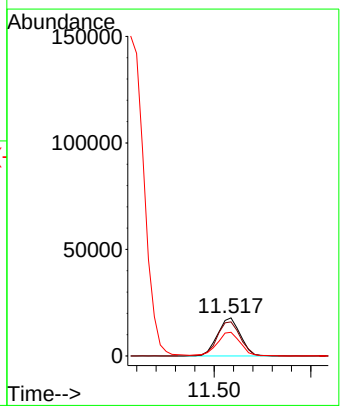
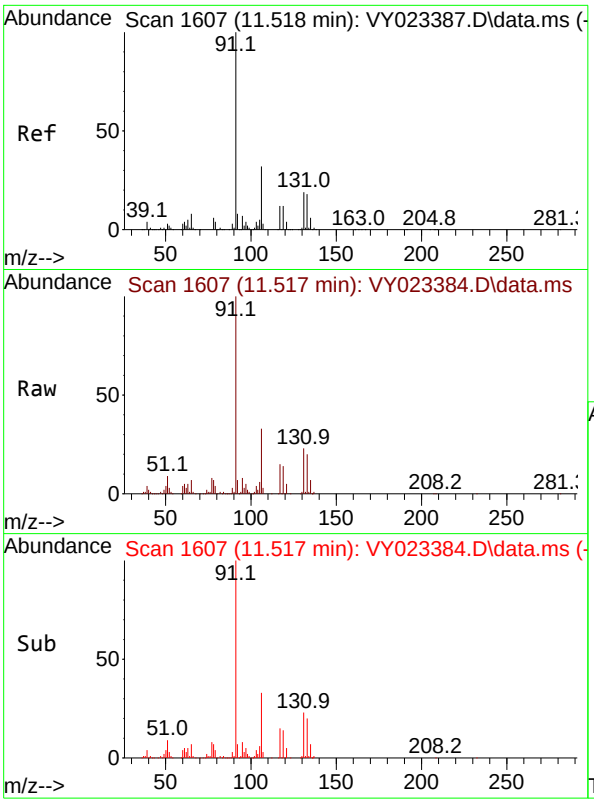


#66
1,1,1,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:131 Resp: 29222

Ion	Ratio	Lower	Upper
131	100		
133	91.7	48.4	145.2
119	64.1	32.4	97.2

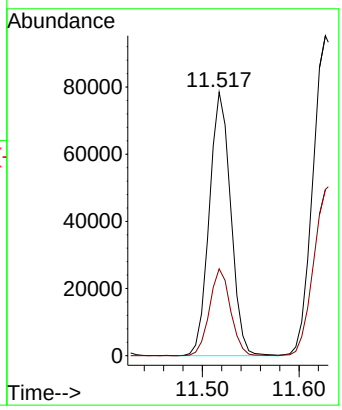




#67
Ethyl Benzene
Concen: 4.529 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 12100

Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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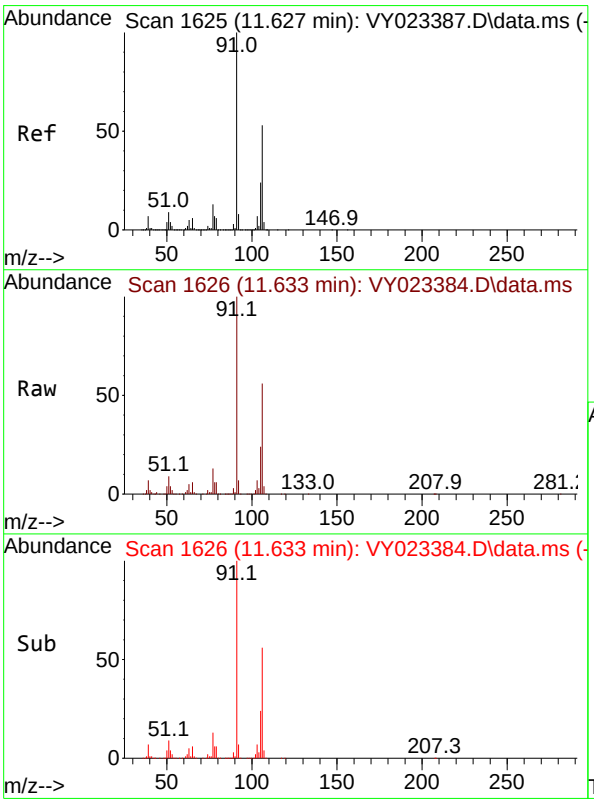
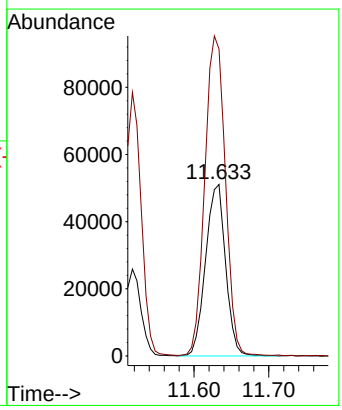
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

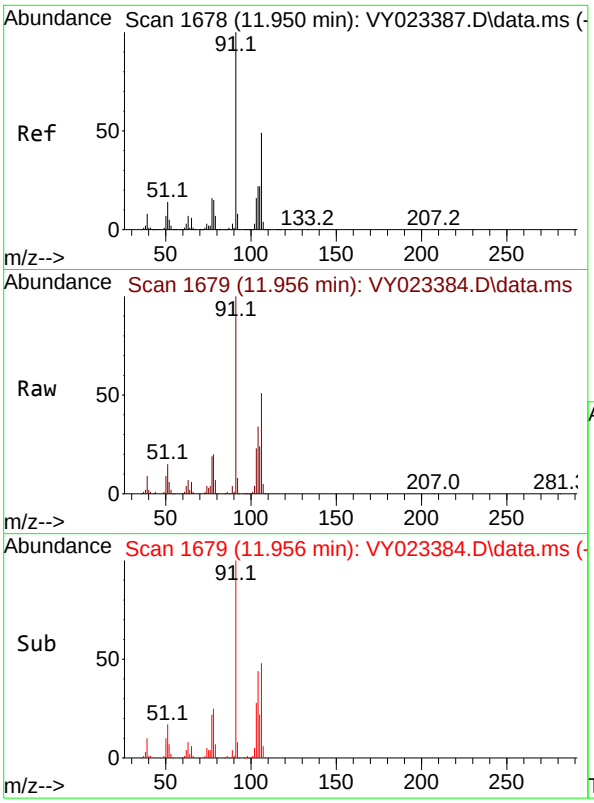


#68
m/p-Xylenes
Concen: 8.887 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:106 Resp: 95176

Ion	Ratio	Lower	Upper
106	100		
91	190.5	152.6	229.0





#69
o-Xylene
Concen: 4.466 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

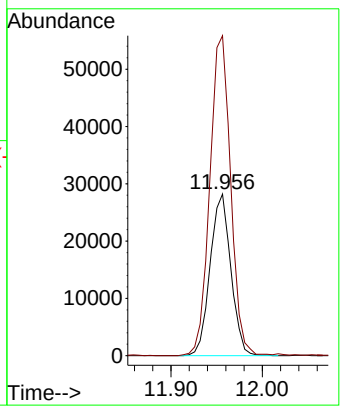
Tgt Ion:106 Resp: 4428

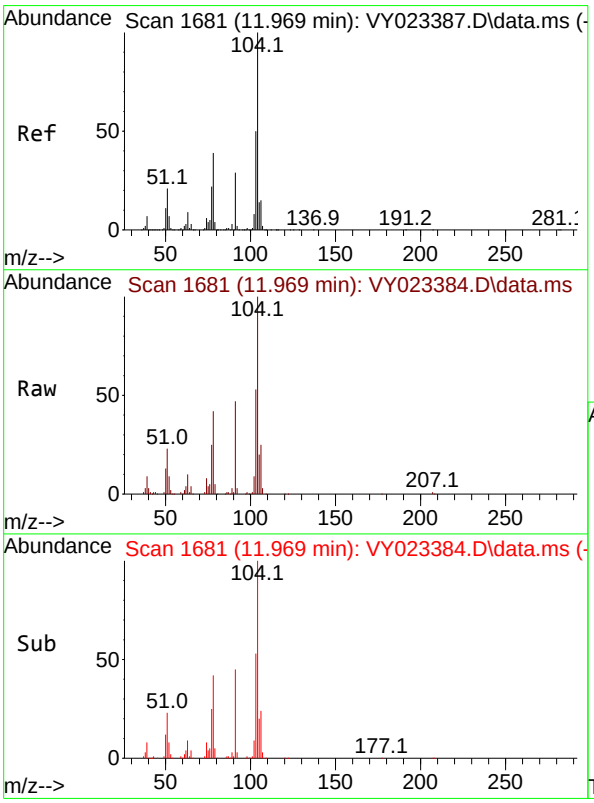
Ion	Ratio	Lower	Upper
106	100		
91	199.7	101.4	304.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

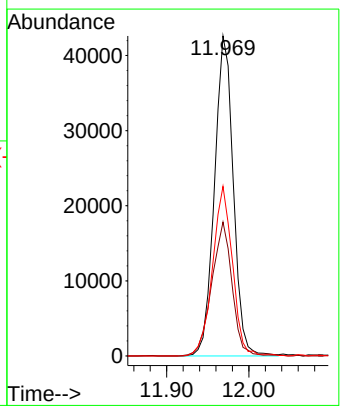


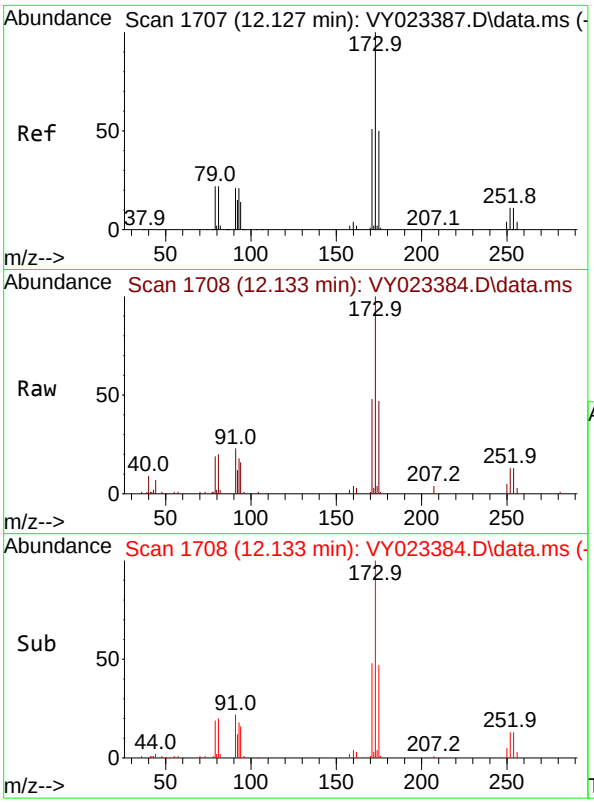


#70
Styrene
Concen: 4.152 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:104 Resp: 67960

Ion	Ratio	Lower	Upper
104	100		
78	45.1	36.1	54.1
103	55.9	43.2	64.8

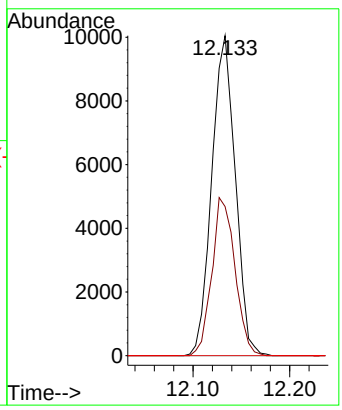




#71
Bromoform
Concen: 4.929 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:173 Resp: 1698

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.8	74.3
254	0.0	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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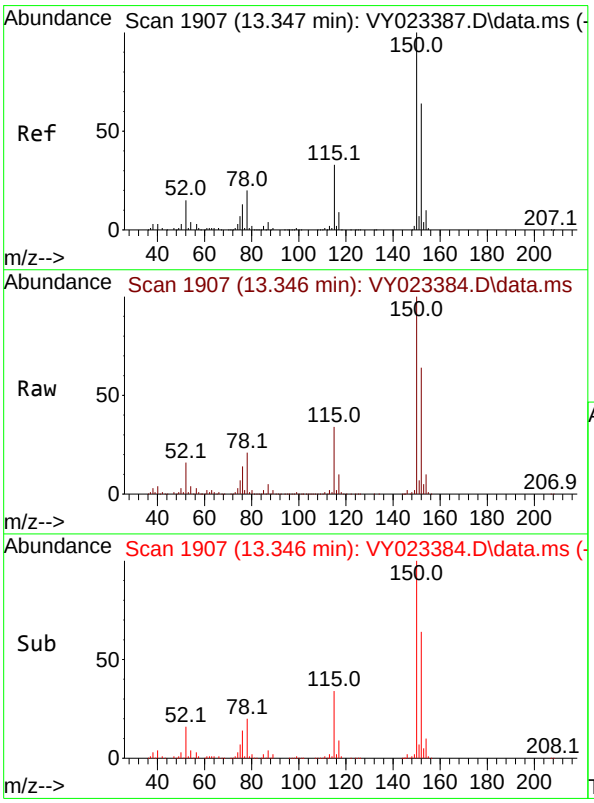
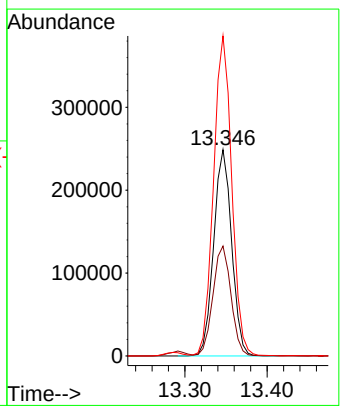
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

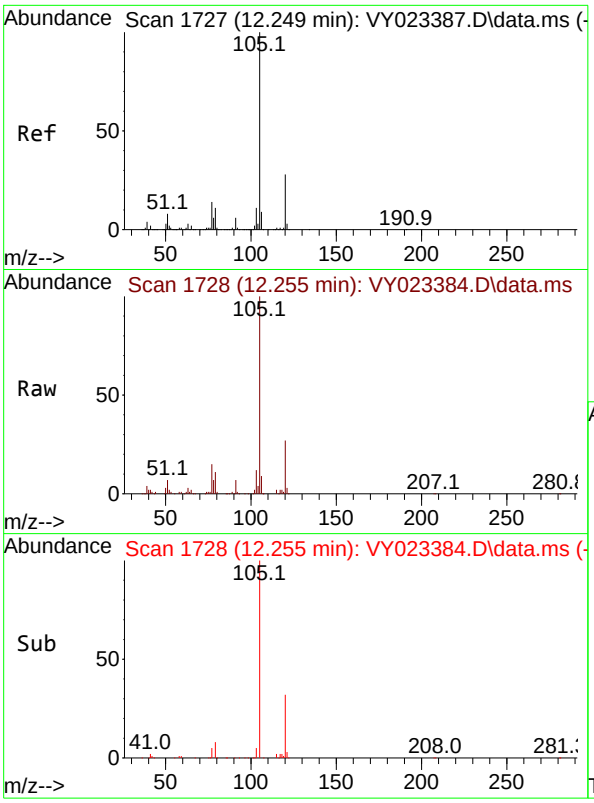


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:152 Resp: 378104

Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.1	81.2
150	156.6	0.0	347.4

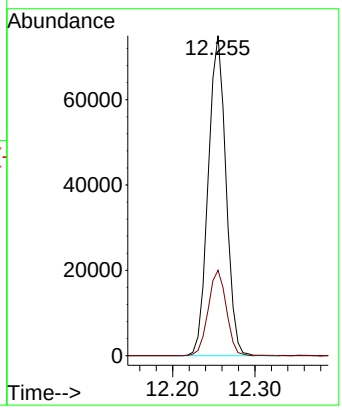




#73
Isopropylbenzene
Concen: 4.455 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 11219

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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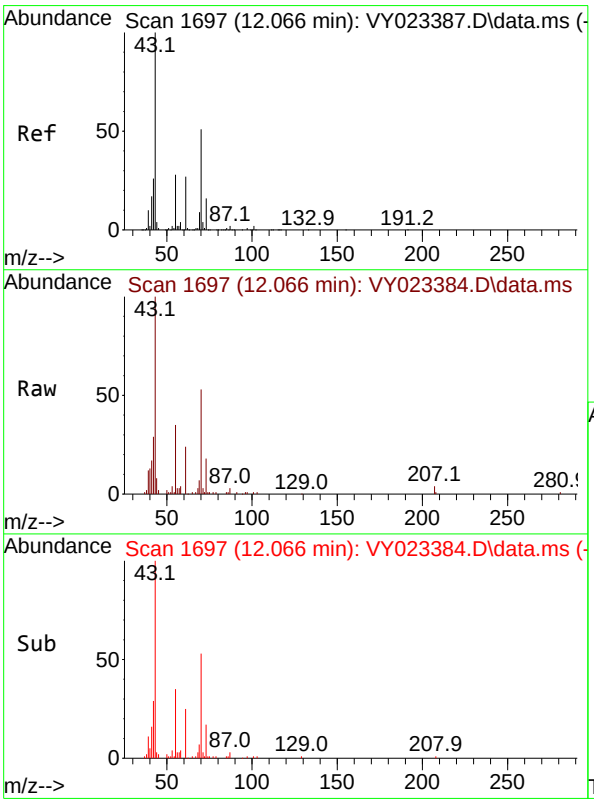
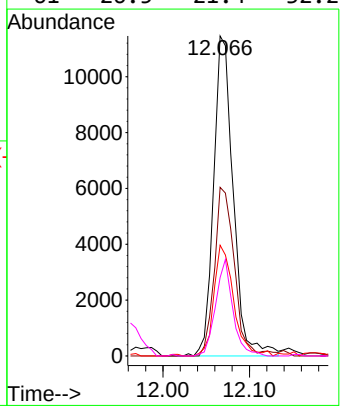
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

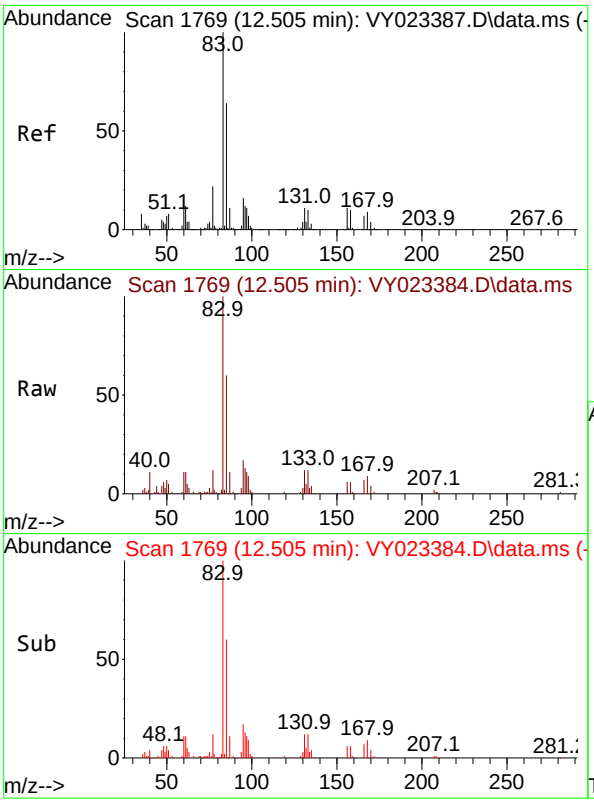


#74
N-amyl acetate
Concen: 3.833 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 18041

Ion	Ratio	Lower	Upper
43	100		
70	53.0	41.1	61.7
55	35.3	23.0	34.6#
61	26.5	21.4	32.2

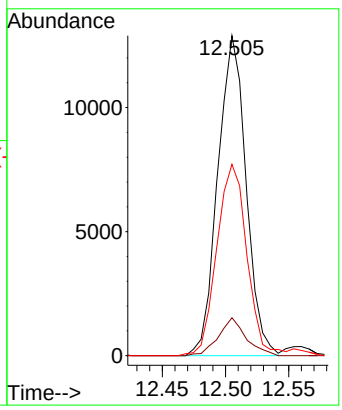




#75
1,1,2,2-Tetrachloroethane
Concen: 4.773 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 2005

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.6
85	63.4	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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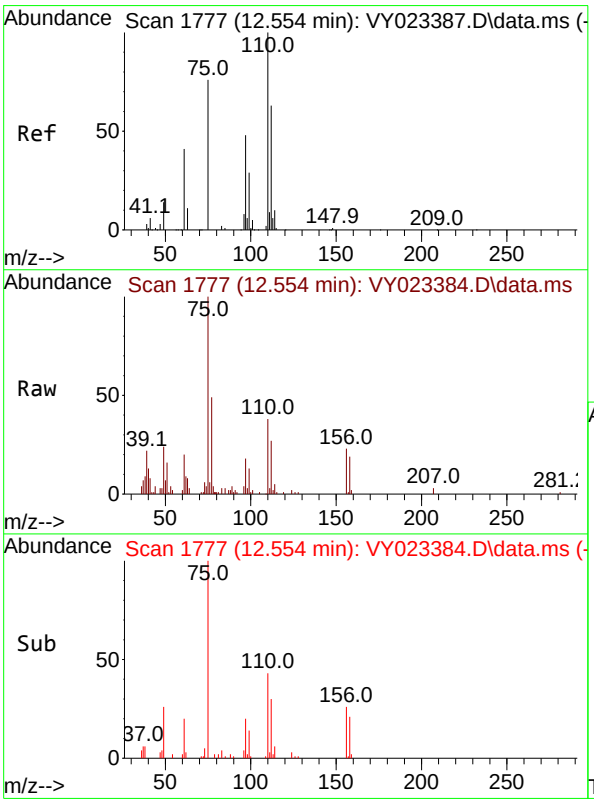
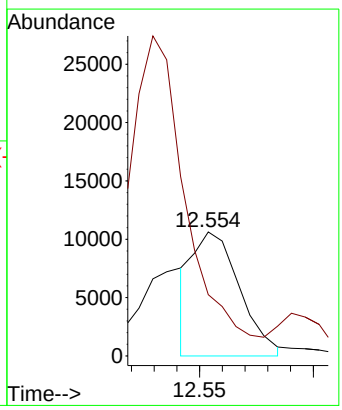
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

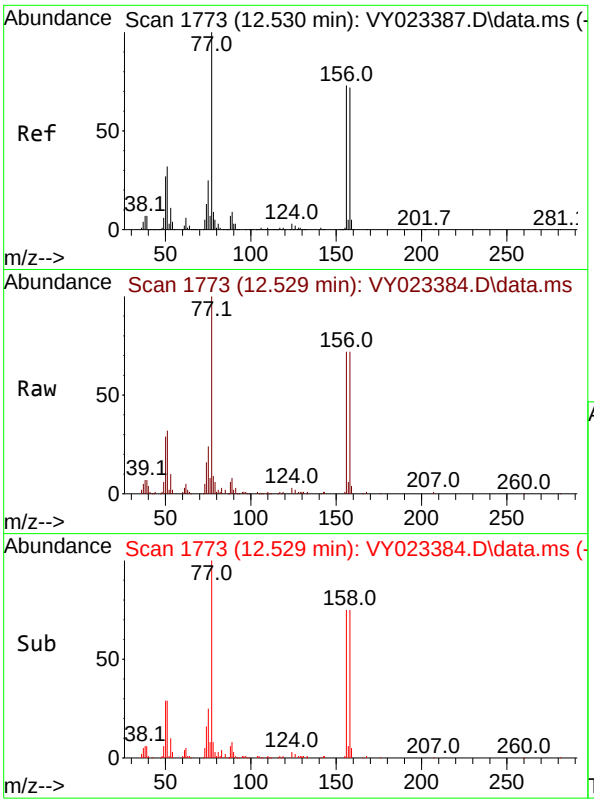


#76
1,2,3-Trichloropropane
Concen: 4.118 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 15359

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

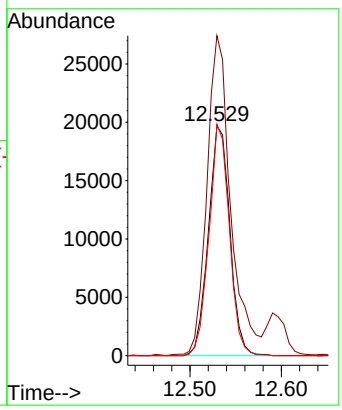




#77
Bromobenzene
Concen: 4.967 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:156 Resp: 3210

Ion	Ratio	Lower	Upper
156	100		
77	154.2	76.8	230.5
158	95.0	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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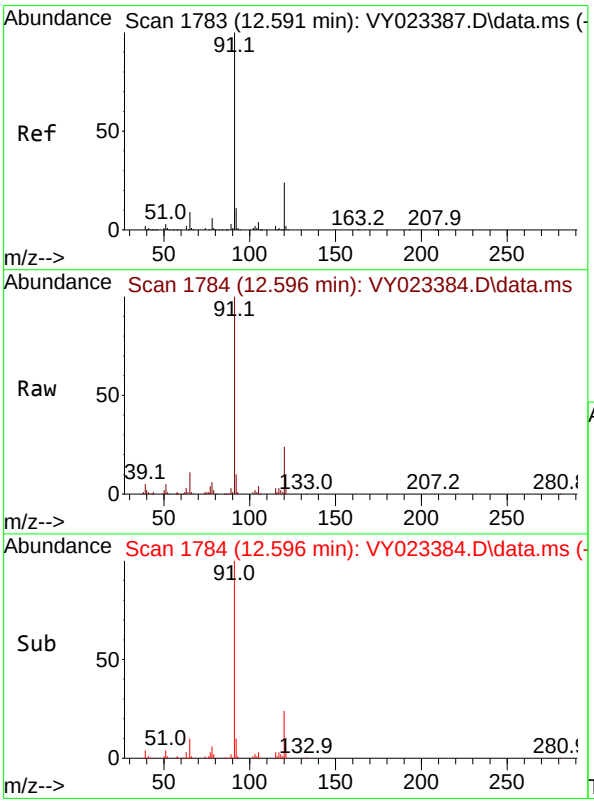
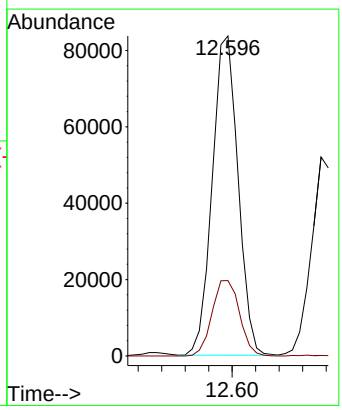
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

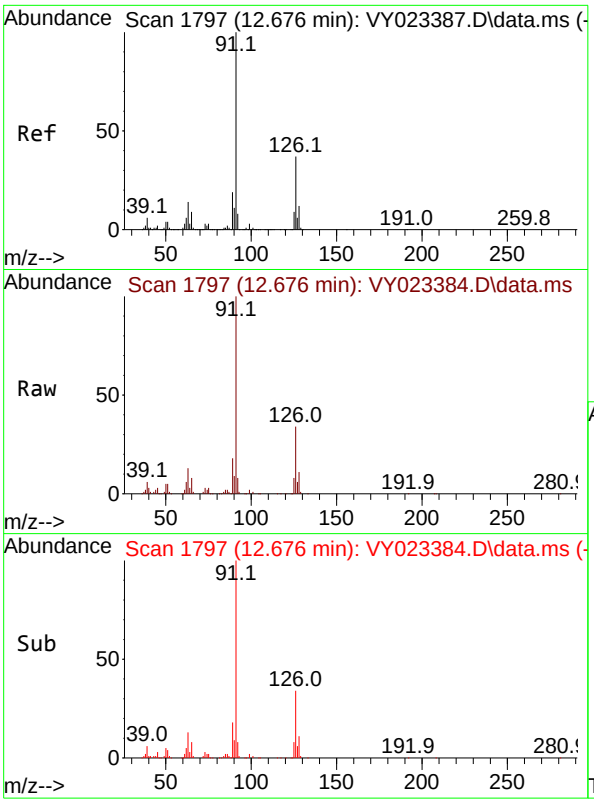


#78
n-propylbenzene
Concen: 4.305 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 127521

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8





#79
2-Chlorotoluene
Concen: 4.631 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 7919

Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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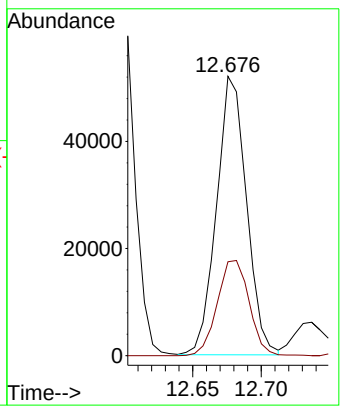
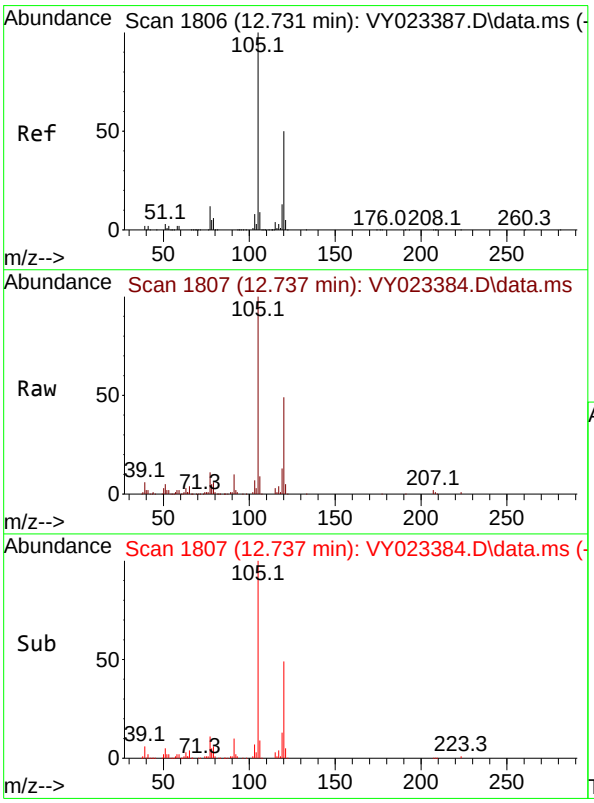
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

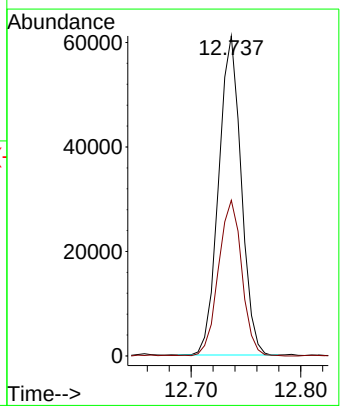


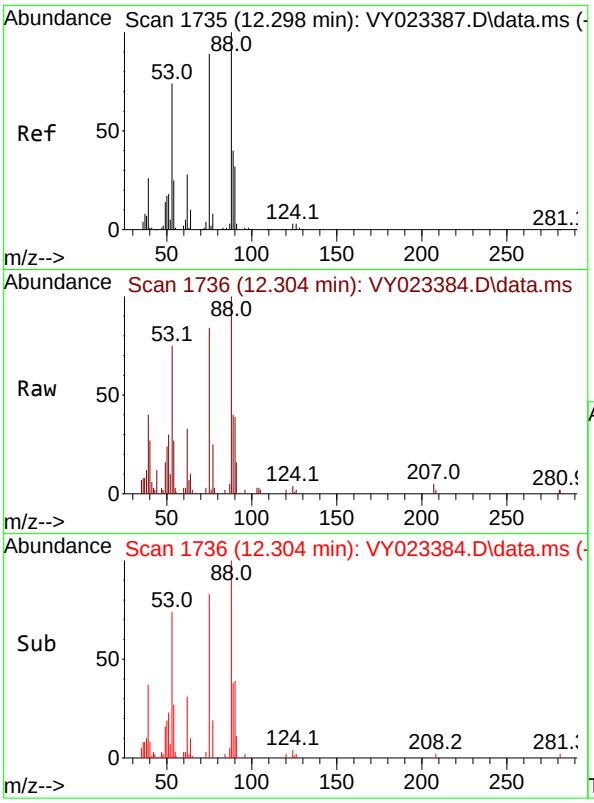


#80
1,3,5-Trimethylbenzene
Concen: 4.264 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 87297

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.680 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

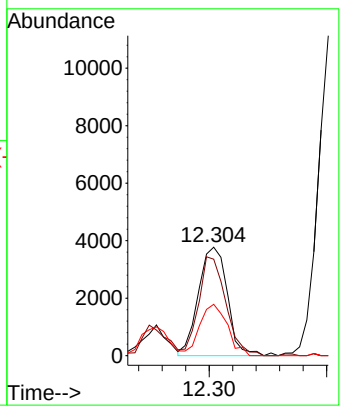
Tgt Ion: 75 Resp: 647

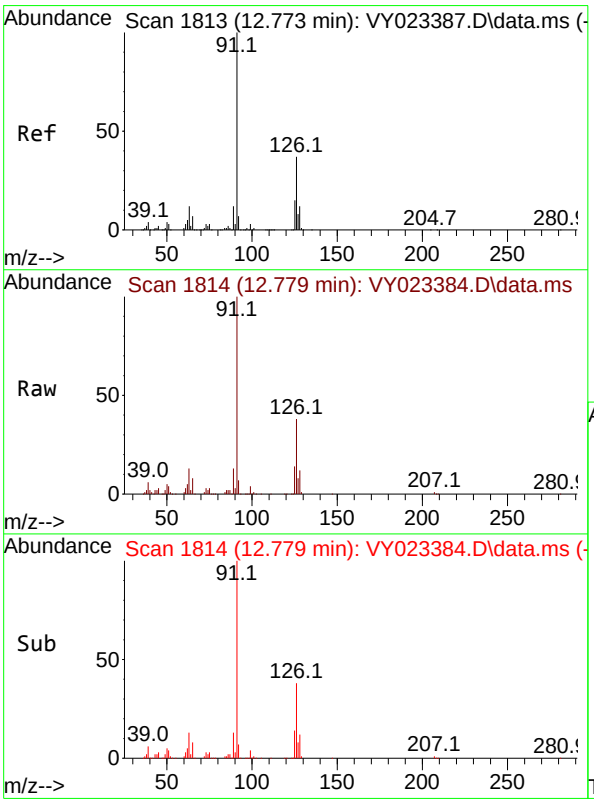
Ion	Ratio	Lower	Upper
75	100		
53	85.6	68.6	102.8
89	44.4	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

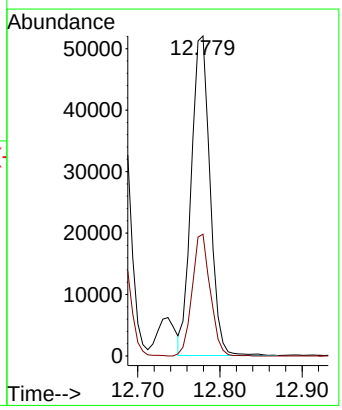


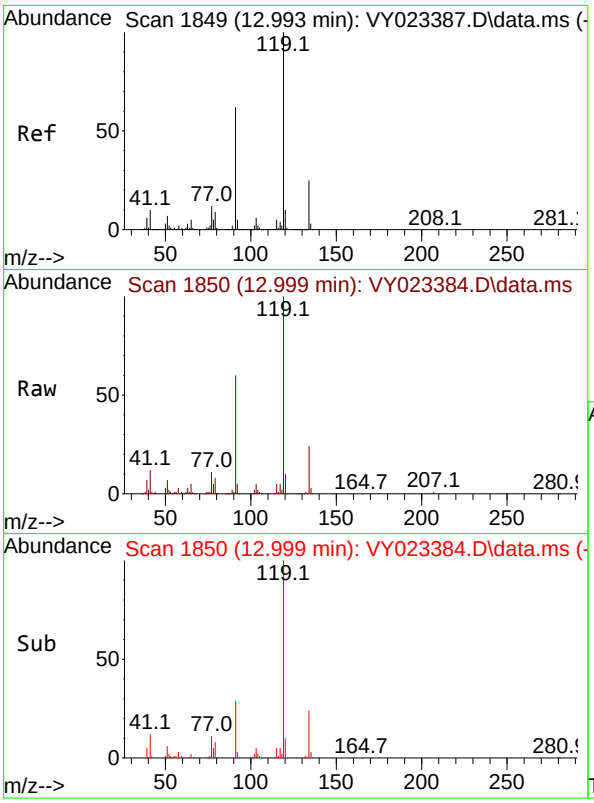


#82
4-Chlorotoluene
Concen: 4.600 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 82155

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.4	55.4

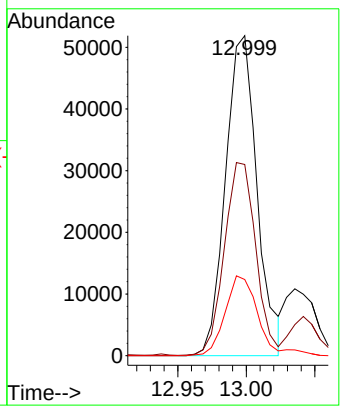




#83
tert-Butylbenzene
Concen: 4.457 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:119 Resp: 8315

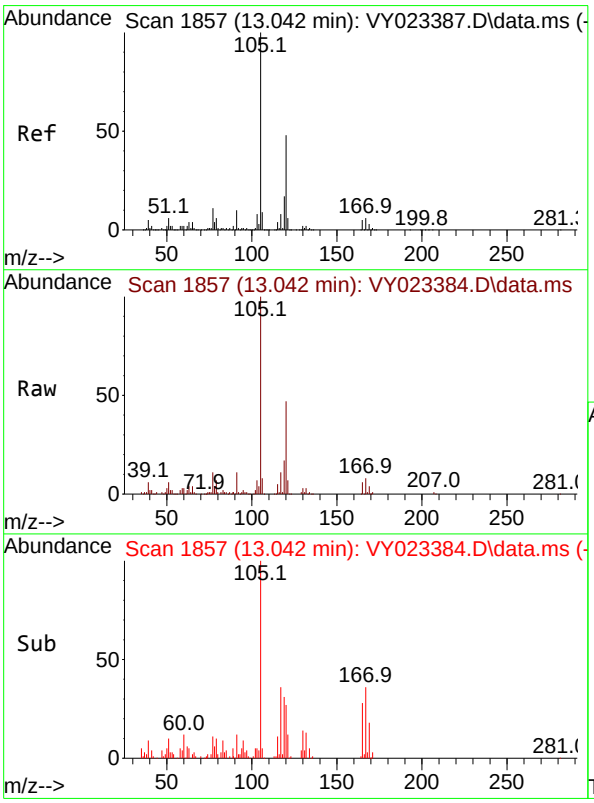
Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.9	89.8
134	26.2	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

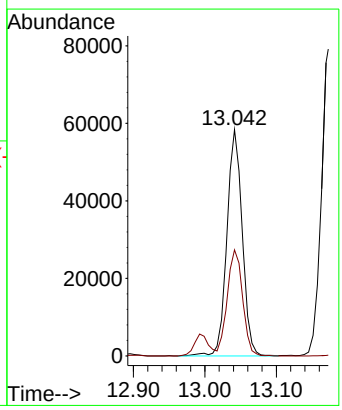
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

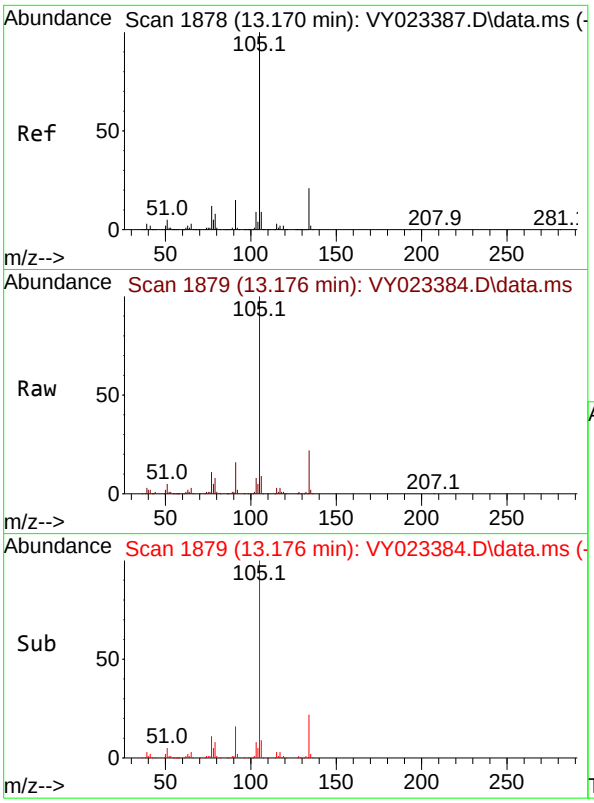


#84
1,2,4-Trimethylbenzene
Concen: 4.294 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 86988

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.2

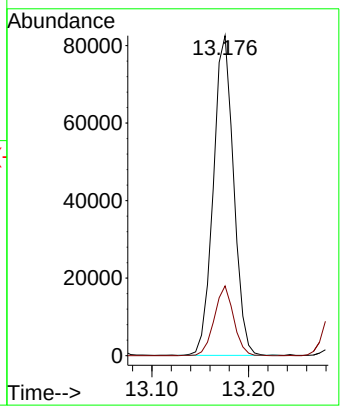




#85
sec-Butylbenzene
Concen: 4.443 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 12006

Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/10/2025
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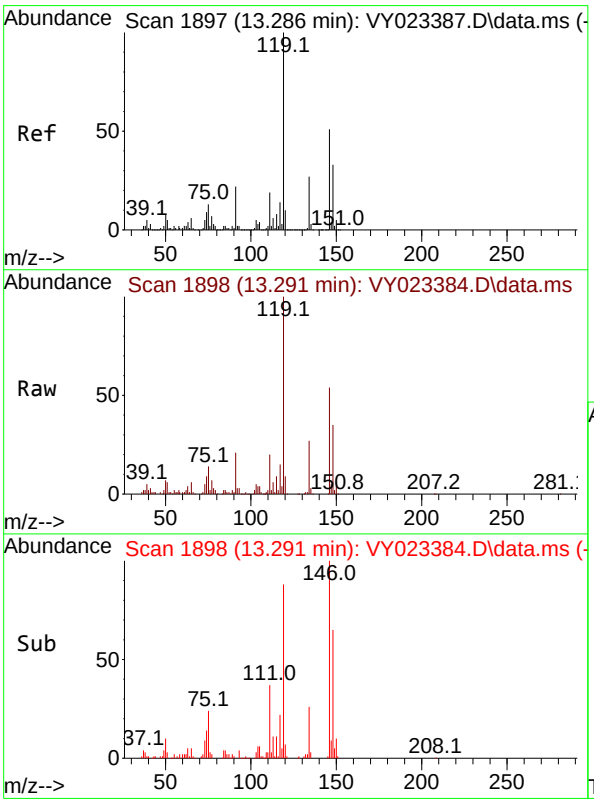
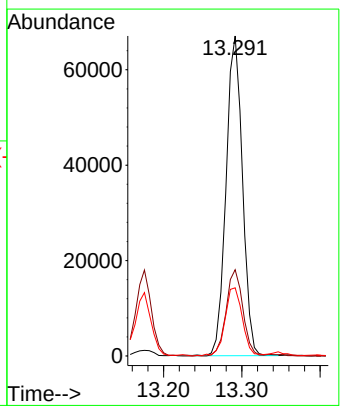
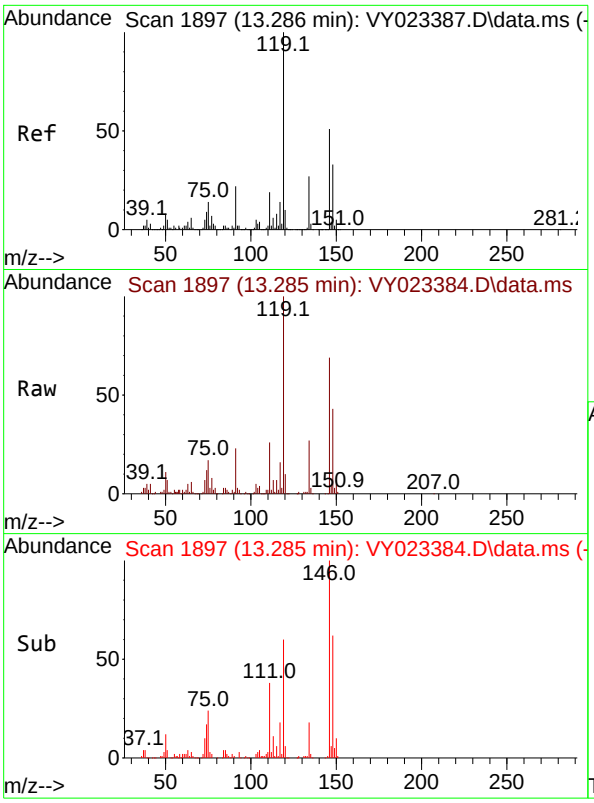


#86
p-Isopropyltoluene
Concen: 4.264 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:119 Resp: 97377

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.6	40.7
91	22.7	10.9	32.9

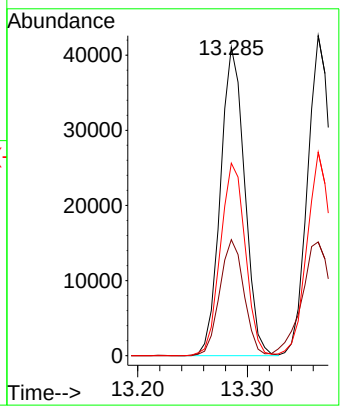




#87
1,3-Dichlorobenzene
Concen: 4.936 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:146 Resp: 6302

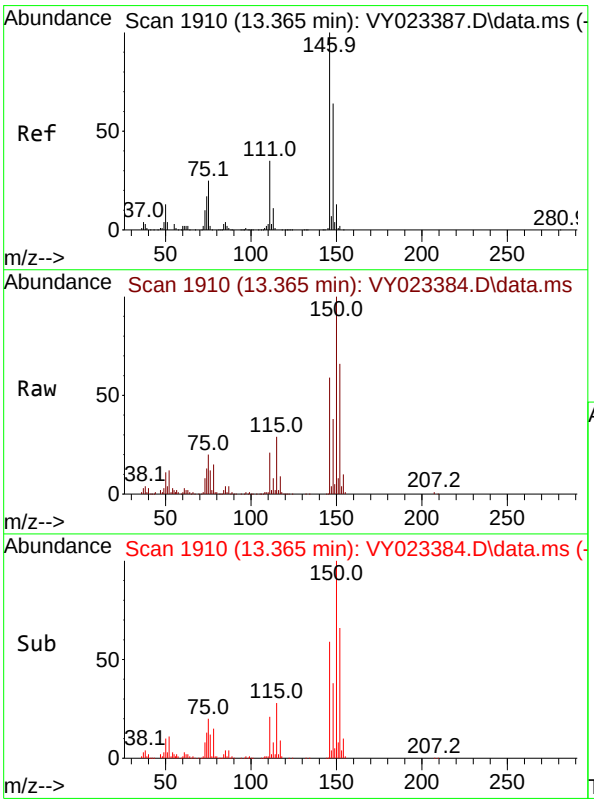
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.1	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

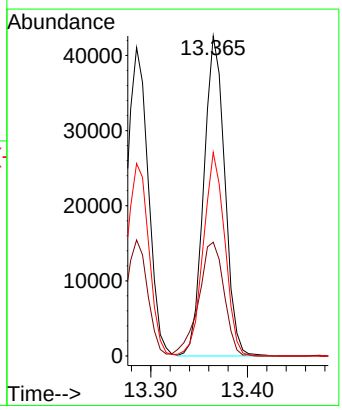
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

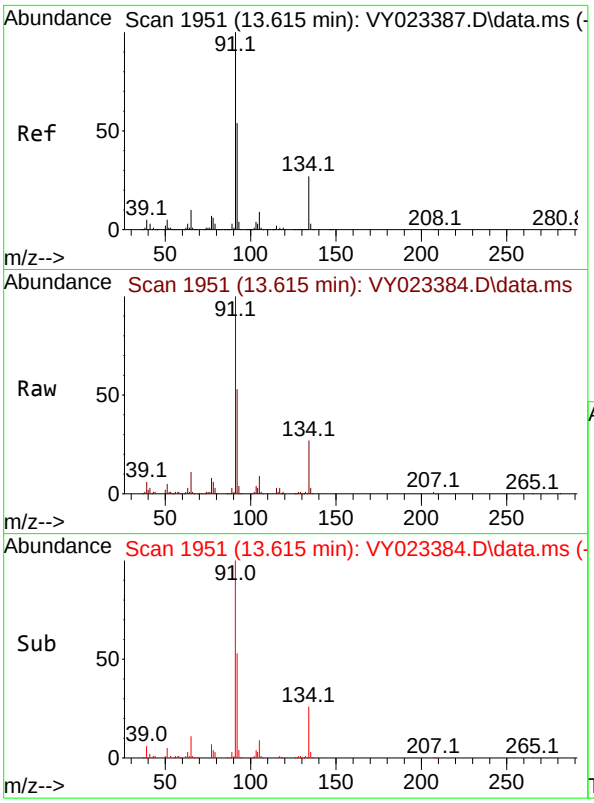


#88
1,4-Dichlorobenzene
Concen: 5.085 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:146 Resp: 64389

Ion	Ratio	Lower	Upper
146	100		
111	43.0	18.0	54.0
148	65.1	31.9	95.7

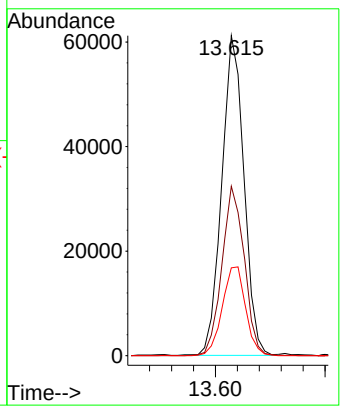




#89
n-Butylbenzene
Concen: 4.274 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 8617

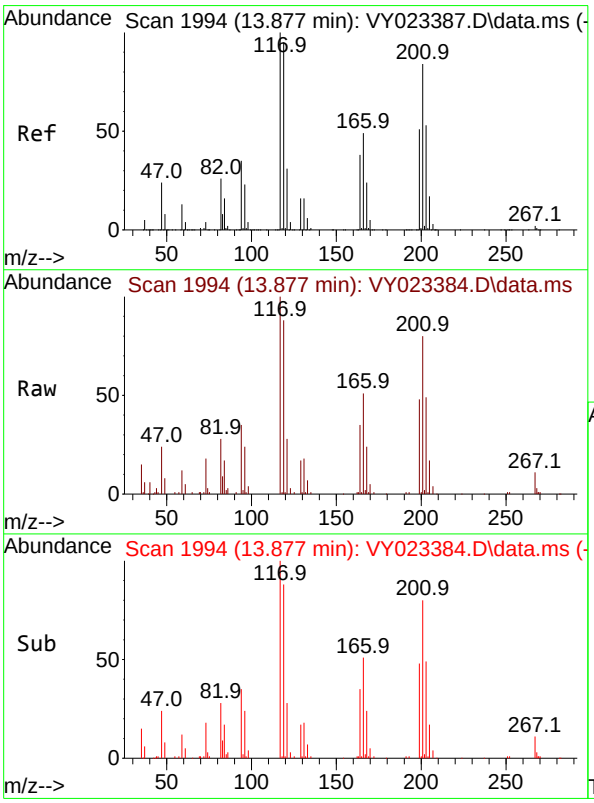
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	29.2	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

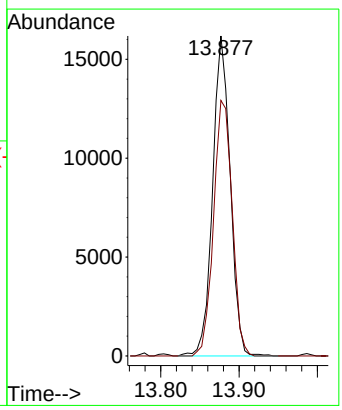
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

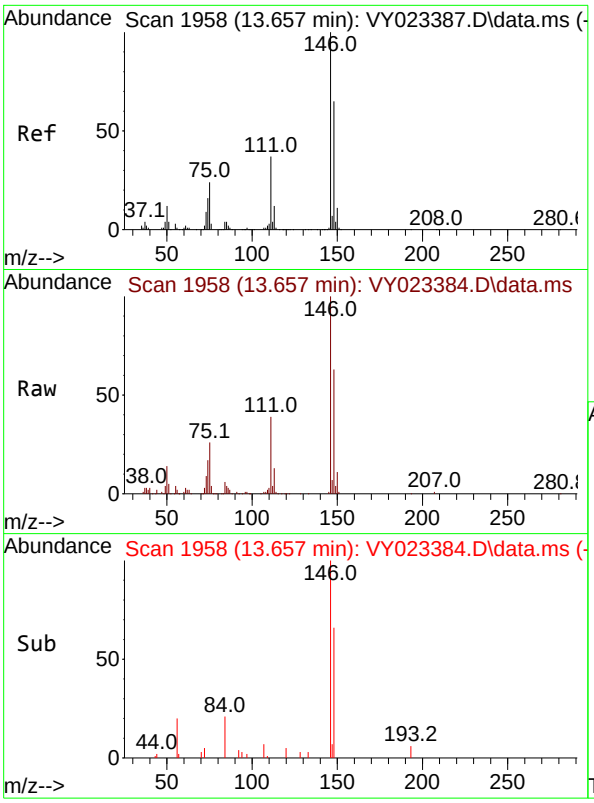


#90
Hexachloroethane
Concen: 5.084 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:117 Resp: 25204

Ion	Ratio	Lower	Upper
117	100		
201	84.7	43.8	131.4

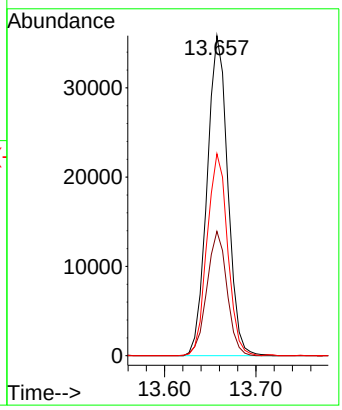




#91
1,2-Dichlorobenzene
Concen: 5.041 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:146 Resp: 5616

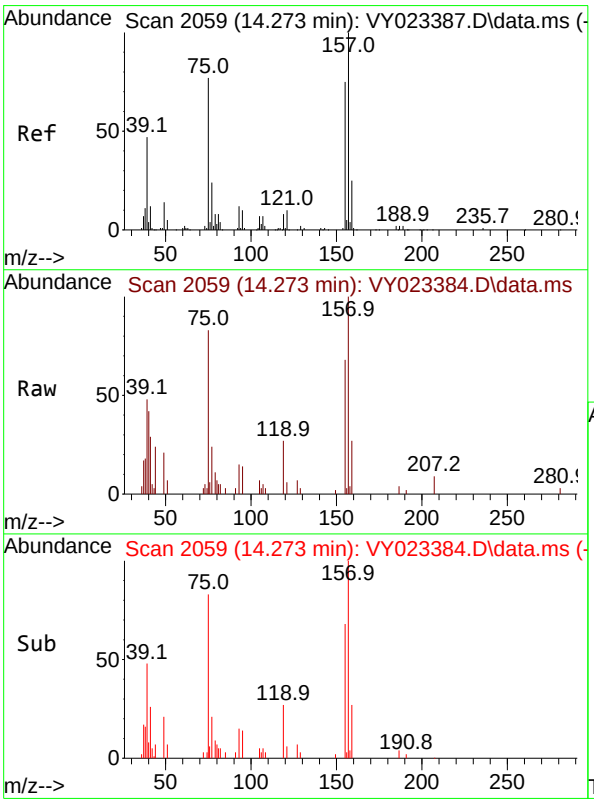
Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	63.0	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

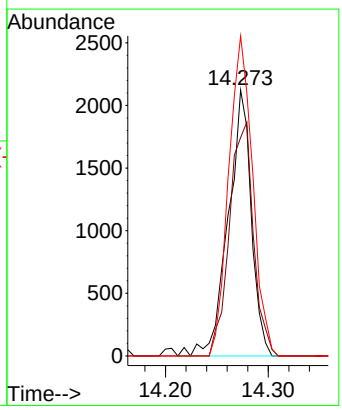
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

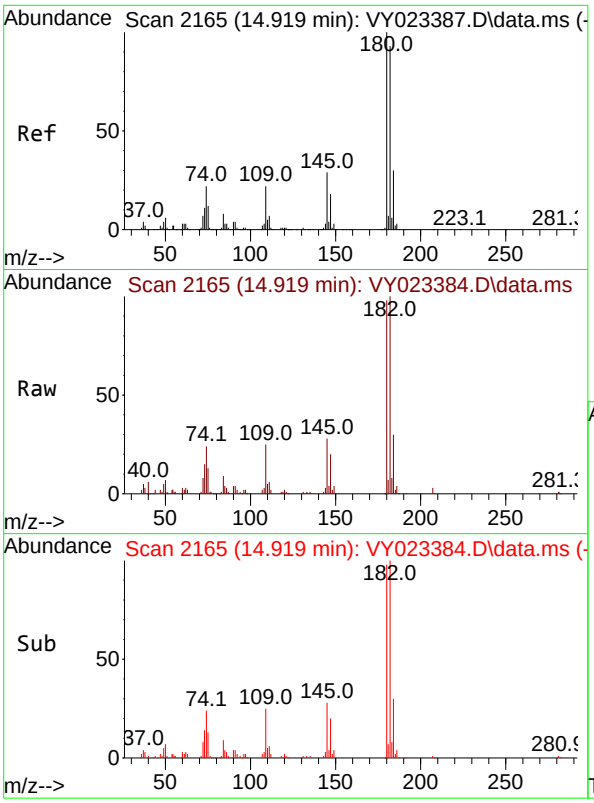


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.964 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 3305

Ion	Ratio	Lower	Upper
75	100		
155	91.7	50.0	150.0
157	124.4	63.8	191.5

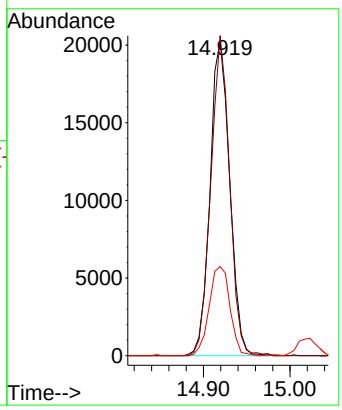




#93
1,2,4-Trichlorobenzene
Concen: 4.875 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:180 Resp: 3200

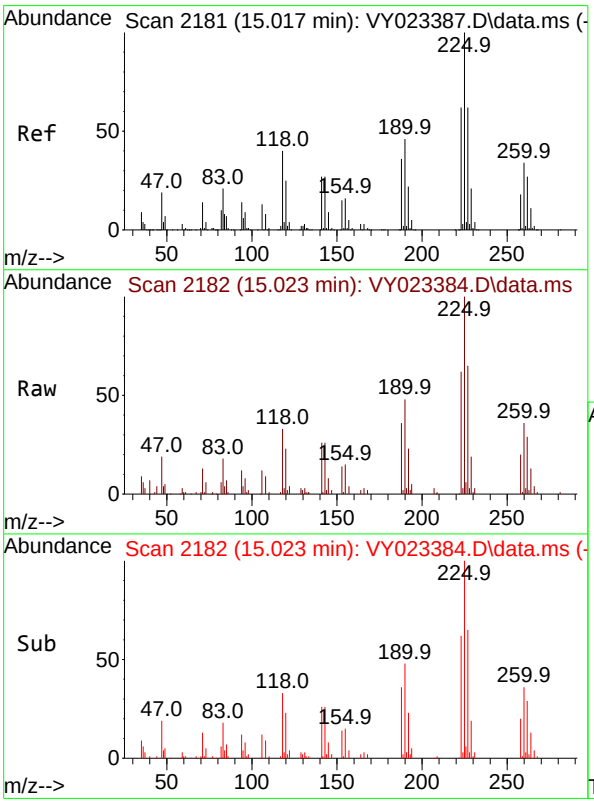
Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.6
145	29.9	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

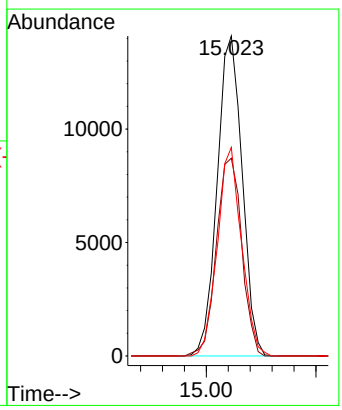
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

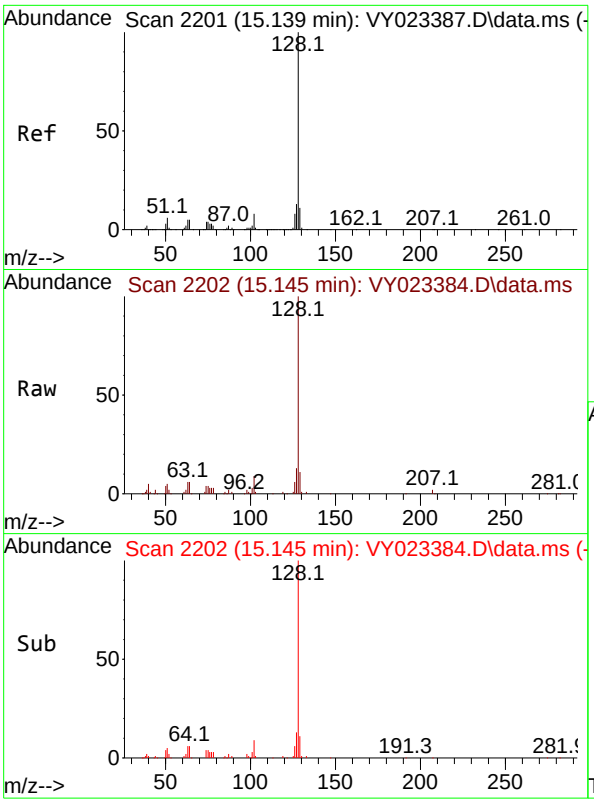


#94
Hexachlorobutadiene
Concen: 5.456 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:225 Resp: 22316

Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.3
227	63.1	31.9	95.7

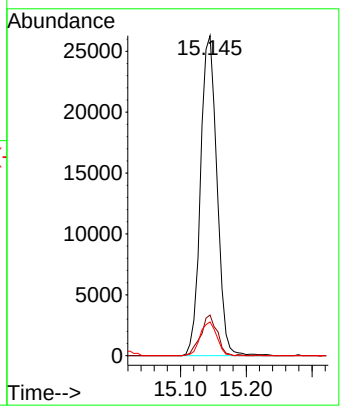




#95
Naphthalene
Concen: 4.360 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:128 Resp: 4559

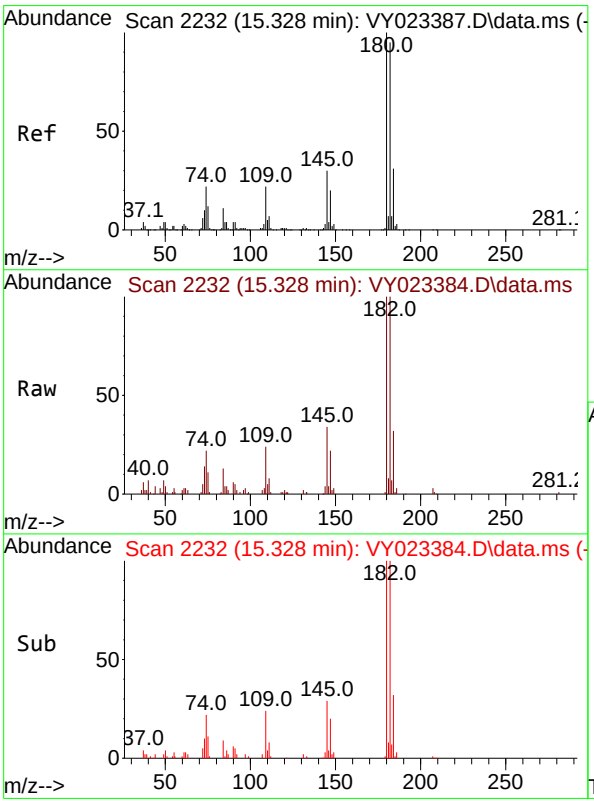
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.7	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

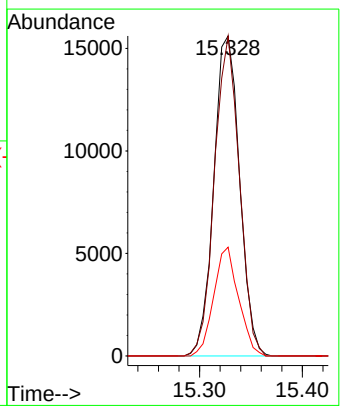
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.772 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:180 Resp: 27176

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	32.7	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	559828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	847077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48826	10.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.140%#		
35) Dibromofluoromethane	7.634	113	53279	10.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.720%#		
50) Toluene-d8	10.109	98	198242	10.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.460%#		
62) 4-Bromofluorobenzene	12.401	95	62601	10.235	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44666	10.129	ug/l	97
3) Chloromethane	2.068	50	62413	9.957	ug/l	97
4) Vinyl Chloride	2.202	62	76587	9.676	ug/l	99
5) Bromomethane	2.592	94	66689	10.271	ug/l	90
6) Chloroethane	2.732	64	51757	9.632	ug/l	92
7) Trichlorofluoromethane	3.055	101	102972	10.128	ug/l	99
8) Diethyl Ether	3.458	74	26719	10.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	54405	10.011	ug/l	99
10) Methyl Iodide	4.007	142	56313	8.967	ug/l	99
11) Tert butyl alcohol	4.854	59	20540	71.998	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	53191	10.173	ug/l	98
13) Acrolein	3.653	56	24014	49.681	ug/l	94
14) Allyl chloride	4.385	41	62154	9.494	ug/l	99
15) Acrylonitrile	5.061	53	51937	49.854	ug/l	99
16) Acetone	3.872	43	65410	59.997	ug/l	94
17) Carbon Disulfide	4.104	76	153055	9.382	ug/l	100
18) Methyl Acetate	4.391	43	29725	10.728	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	120347	9.830	ug/l	100
20) Methylene Chloride	4.616	84	71034	12.016	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	56465	9.710	ug/l	97
22) Diisopropyl ether	6.024	45	138589	9.547	ug/l	98
23) Vinyl Acetate	5.963	43	361478	45.300	ug/l	99
24) 1,1-Dichloroethane	5.915	63	93512	9.772	ug/l	98
25) 2-Butanone	6.890	43	75171	55.784	ug/l	92
26) 2,2-Dichloropropane	6.890	77	86325	10.153	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	65335	9.905	ug/l	99
28) Bromochloromethane	7.244	49	36132	9.733	ug/l	99
29) Tetrahydrofuran	7.262	42	38990	48.749	ug/l	99
30) Chloroform	7.421	83	102058	9.890	ug/l	99
31) Cyclohexane	7.701	56	80245	9.495	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	91186	9.844	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69913	9.639	ug/l	99
37) Ethyl Acetate	6.988	43	27388	9.551	ug/l	96
38) Carbon Tetrachloride	7.817	117	84799	10.065	ug/l	99
39) Methylcyclohexane	9.109	83	82275	8.860	ug/l	95
40) Benzene	8.079	78	220629	9.758	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	14344	9.632	ug/l	#	92
42) 1,2-Dichloroethane	8.158	62	58541	10.174	ug/l		99
43) Isopropyl Acetate	8.201	43	53042	9.510	ug/l		98
44) Trichloroethene	8.865	130	64537	10.171	ug/l		96
45) 1,2-Dichloropropane	9.140	63	49009	9.632	ug/l		100
46) Dibromomethane	9.231	93	30780	9.890	ug/l		99
47) Bromodichloromethane	9.426	83	78392	10.007	ug/l		99
48) Methyl methacrylate	9.225	41	23484	9.023	ug/l		97
49) 1,4-Dioxane	9.231	88	6822	211.693	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	134746	47.165	ug/l		99
52) Toluene	10.170	92	138662	9.661	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	64315	9.559	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	77905	9.687	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	41881	10.118	ug/l		92
56) Ethyl methacrylate	10.438	69	42096	8.830	ug/l		98
57) 1,3-Dichloropropane	10.719	76	64537	9.633	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	94970m	45.535	ug/l		
59) 2-Hexanone	10.761	43	99175	50.138	ug/l		96
60) Dibromochloromethane	10.908	129	57151	10.123	ug/l		97
61) 1,2-Dibromoethane	11.011	107	38861	9.979	ug/l		99
64) Tetrachloroethene	10.646	164	76110	10.335	ug/l		98
65) Chlorobenzene	11.438	112	161155	10.074	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	57233	10.173	ug/l		98
67) Ethyl Benzene	11.517	91	251958	9.651	ug/l		98
68) m/p-Xylenes	11.627	106	198866	19.004	ug/l		99
69) o-Xylene	11.950	106	91710	9.467	ug/l		100
70) Styrene	11.969	104	151094	9.446	ug/l		99
71) Bromoform	12.133	173	35681	10.595	ug/l	#	94
73) Isopropylbenzene	12.249	105	236489	9.467	ug/l		99
74) N-amyl acetate	12.066	43	40098	8.590	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41130	9.871	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	29944m	8.095	ug/l		
77) Bromobenzene	12.529	156	66002	10.295	ug/l		99
78) n-propylbenzene	12.590	91	275671	9.384	ug/l		100
79) 2-Chlorotoluene	12.676	91	165582	9.762	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	191799	9.445	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	13110	9.556	ug/l		99
82) 4-Chlorotoluene	12.773	91	169968	9.595	ug/l		100
83) tert-Butylbenzene	12.993	119	177250	9.579	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	191423	9.528	ug/l		98
85) sec-Butylbenzene	13.170	105	254134	9.483	ug/l		100
86) p-Isopropyltoluene	13.285	119	210320	9.287	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	127377	10.058	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	127757	10.172	ug/l		98
89) n-Butylbenzene	13.615	91	182116	9.107	ug/l		98
90) Hexachloroethane	13.877	117	47355	9.630	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	112325	10.165	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7005	10.608	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	65050	9.992	ug/l		98
94) Hexachlorobutadiene	15.023	225	42813	10.554	ug/l		97
95) Naphthalene	15.139	128	96092	9.264	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	56499	10.004	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

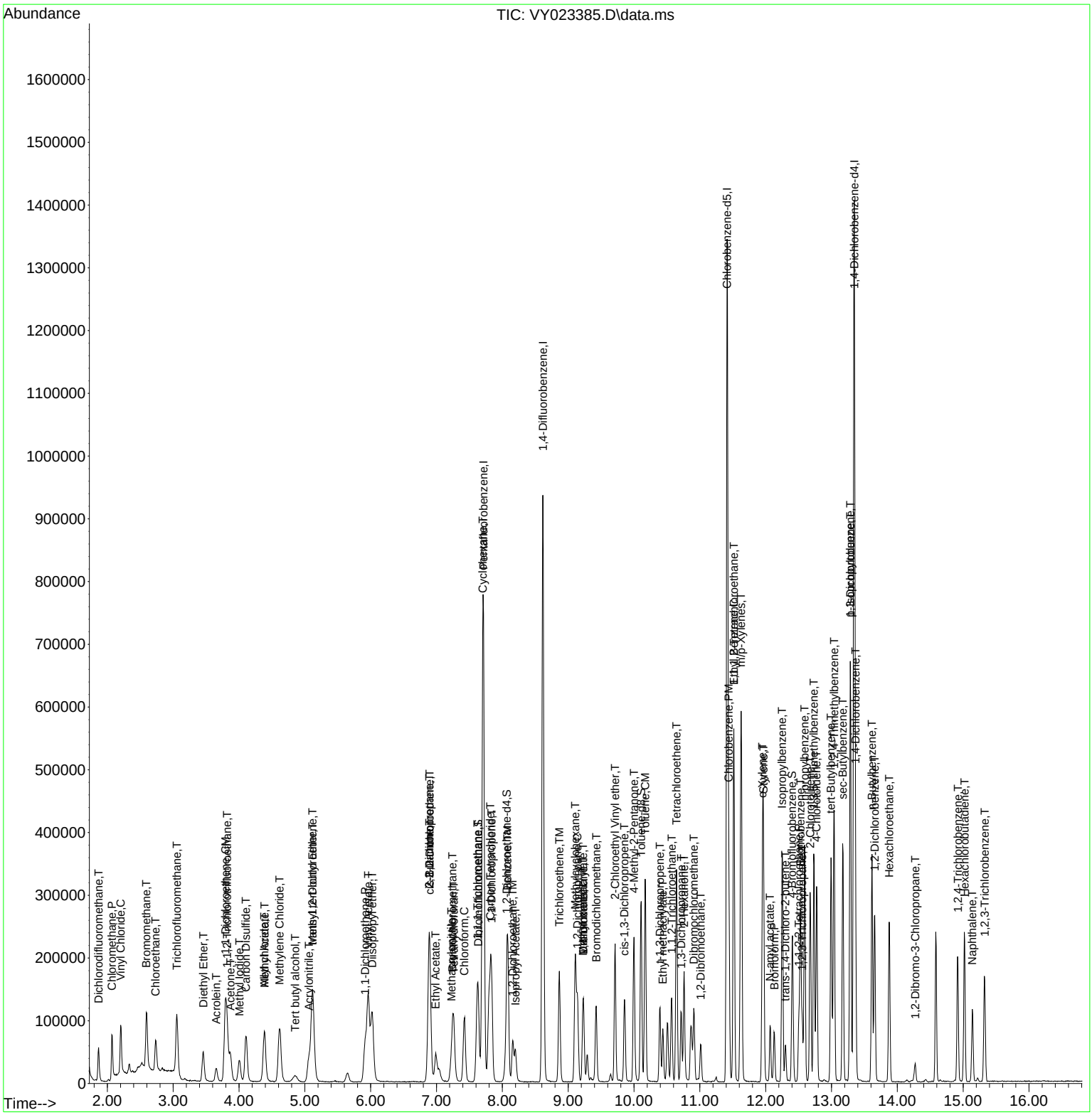
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

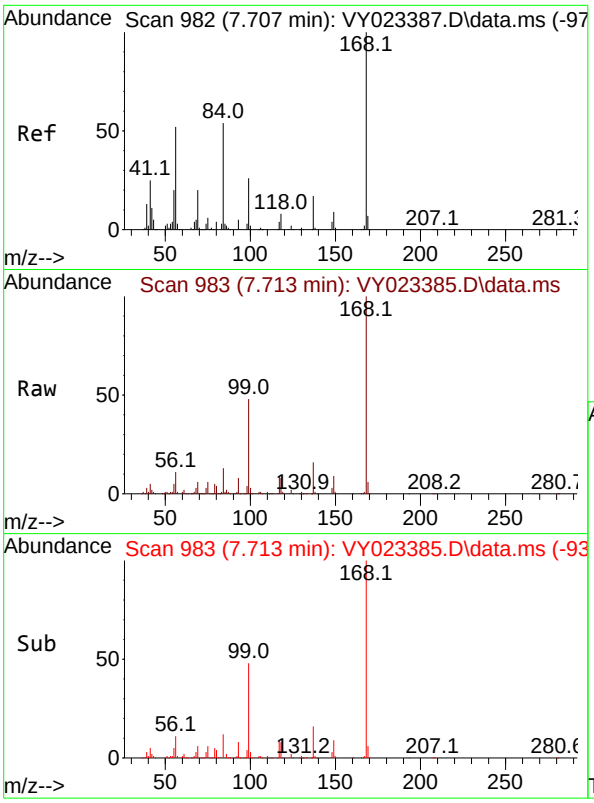
Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

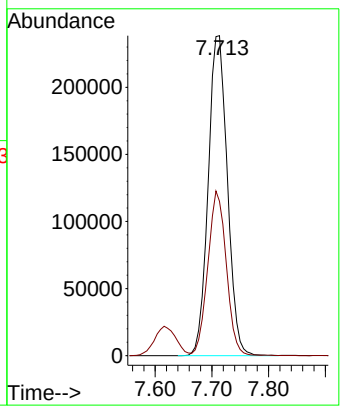




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:168 Resp: 55982

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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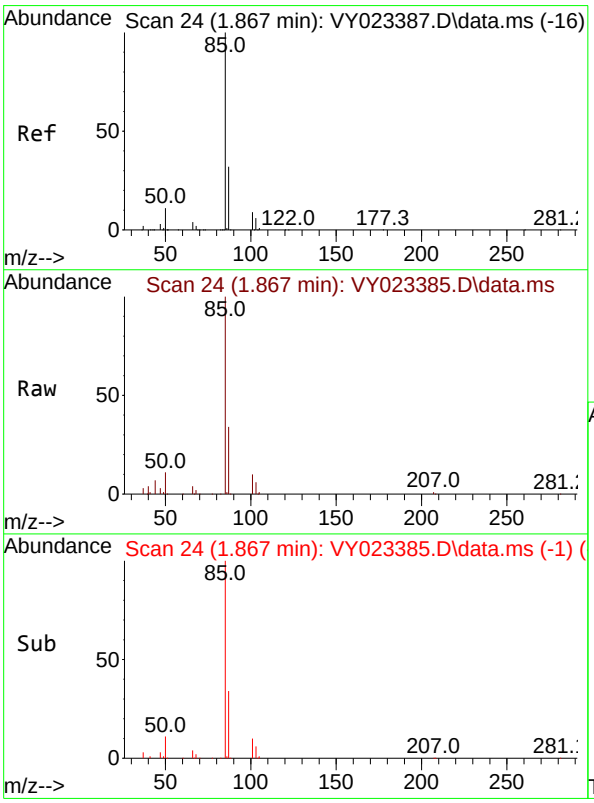
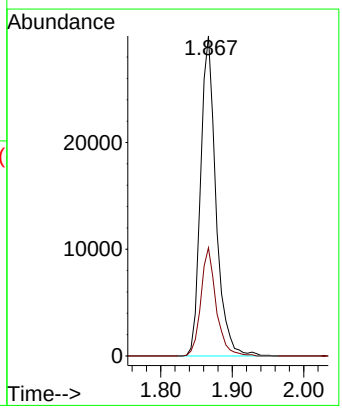
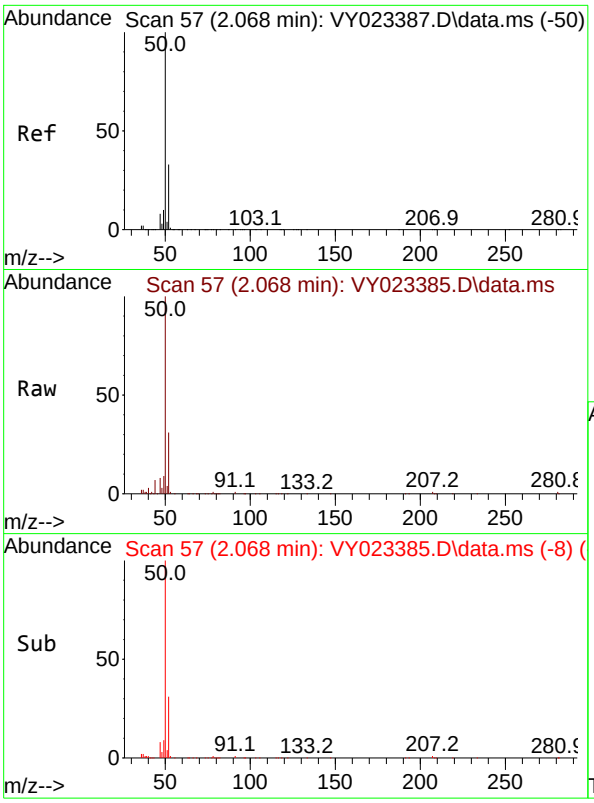


#2
Dichlorodifluoromethane
Concen: 10.129 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 85 Resp: 44666

Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.0	47.9

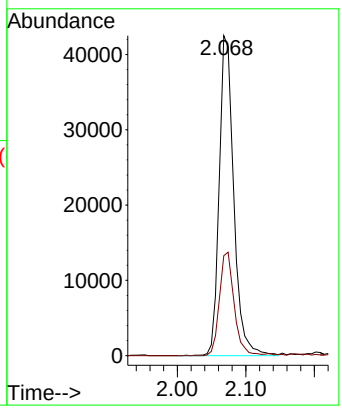




#3
Chloromethane
Concen: 9.957 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 50 Resp: 6241

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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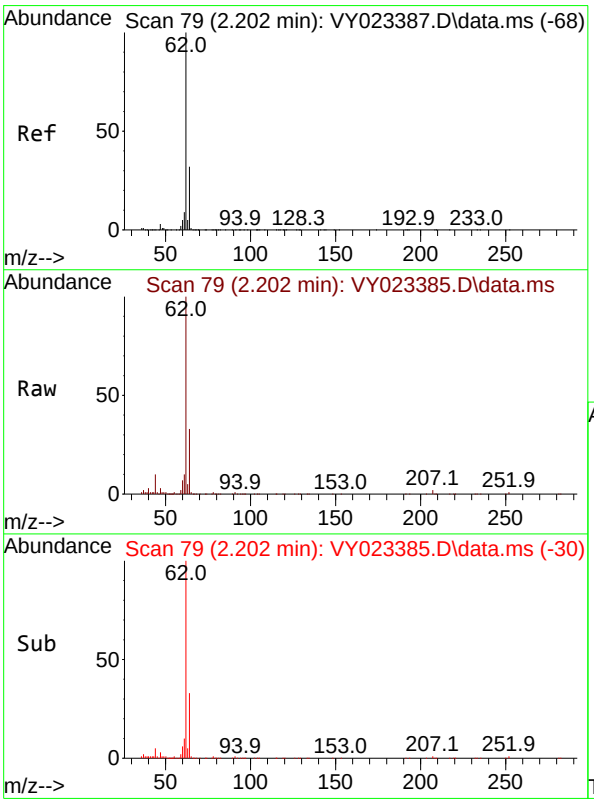
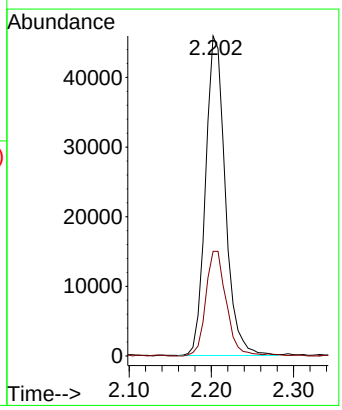
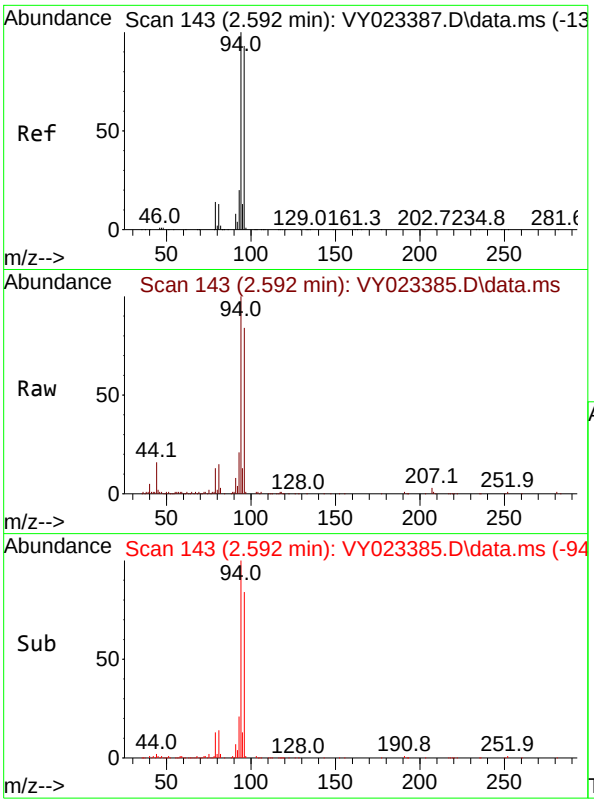


#4
Vinyl Chloride
Concen: 9.676 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 62 Resp: 76587

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.8	38.8





#5
Bromomethane
Concen: 10.271 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 94 Resp: 6668

Ion	Ratio	Lower	Upper
94	100		
96	83.4	74.5	111.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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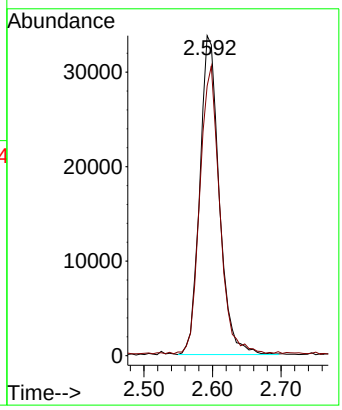
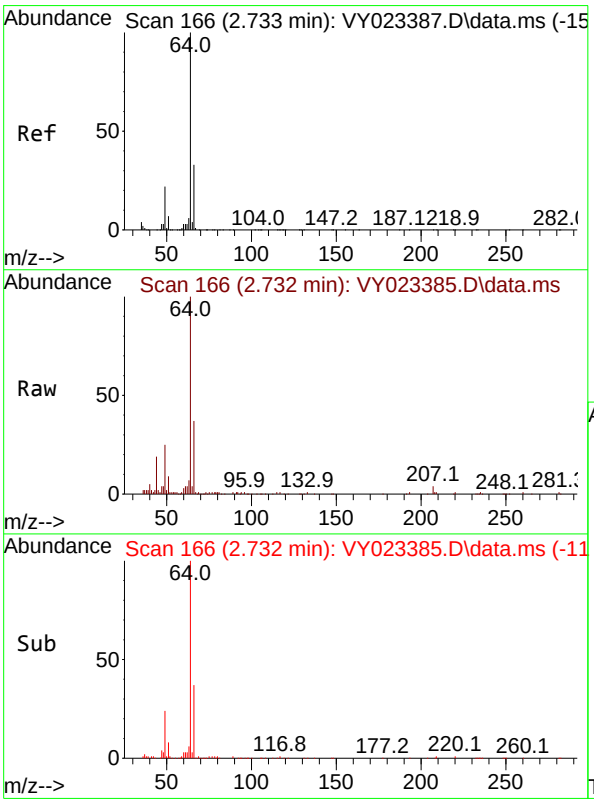
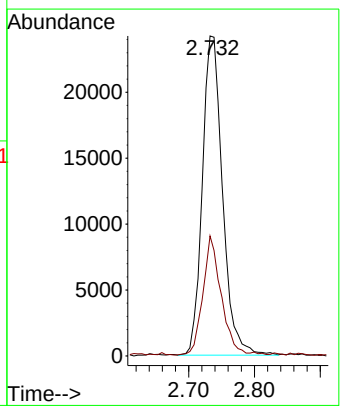


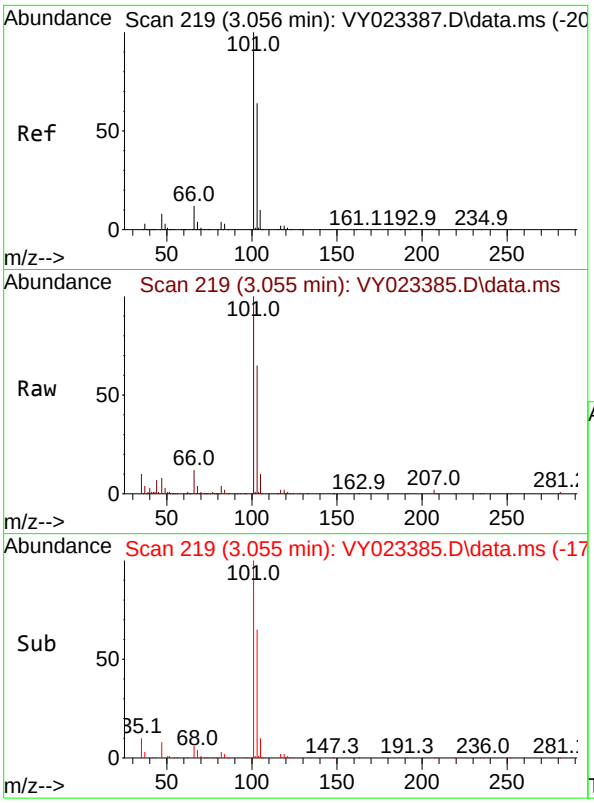


#6
Chloroethane
Concen: 9.632 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 64 Resp: 51757

Ion	Ratio	Lower	Upper
64	100		
66	37.2	26.2	39.4

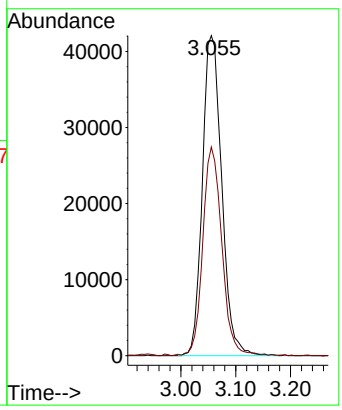




#7
Trichlorofluoromethane
Concen: 10.128 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:101 Resp: 10297

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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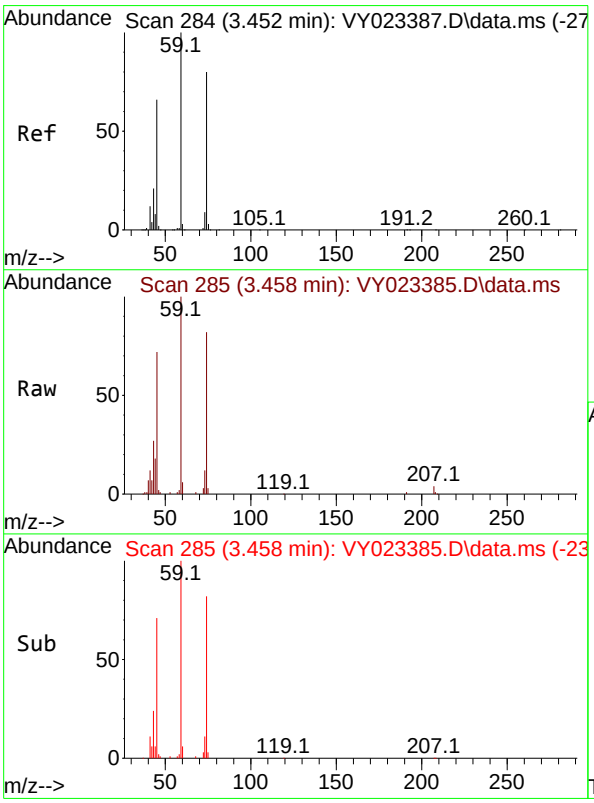
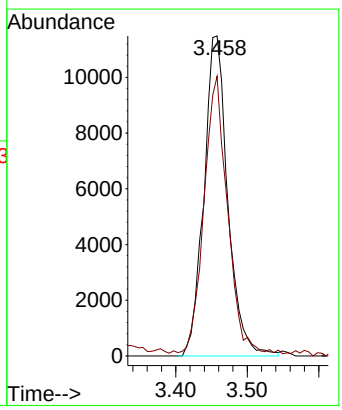
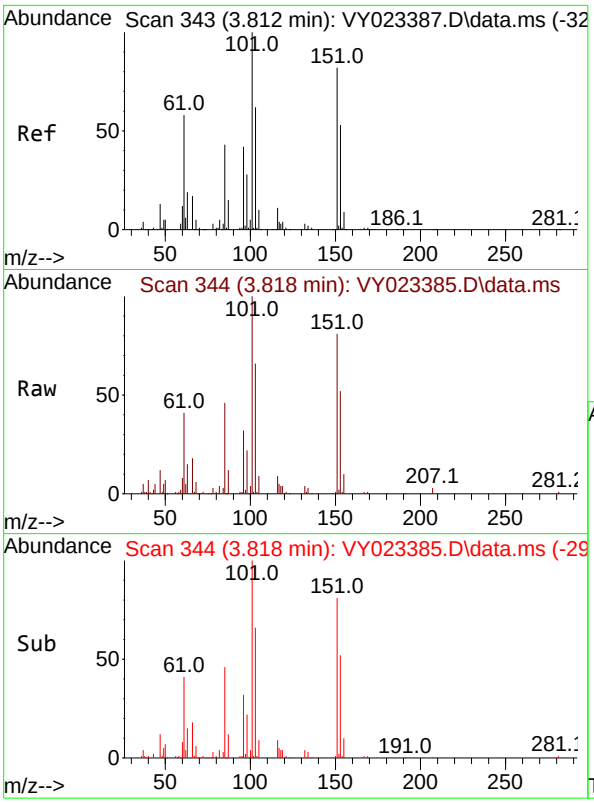


#8
Diethyl Ether
Concen: 10.047 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 74 Resp: 26719

Ion	Ratio	Lower	Upper
74	100		
45	83.5	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.011 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:101 Resp: 5440

Ion	Ratio	Lower	Upper
101	100		
85	42.2	34.6	51.8
151	82.7	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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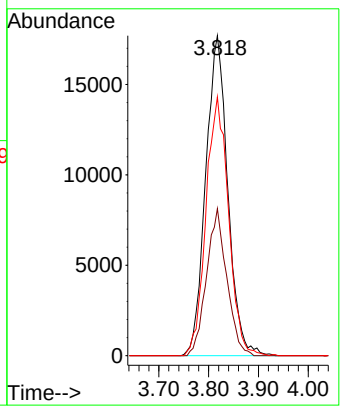
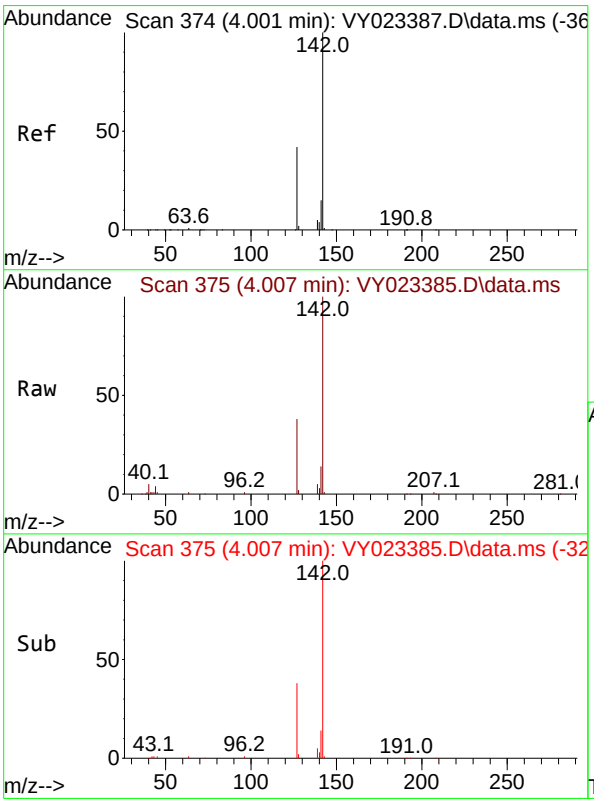
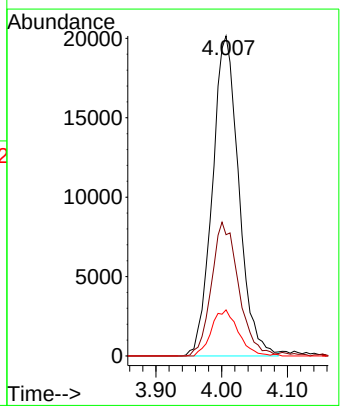


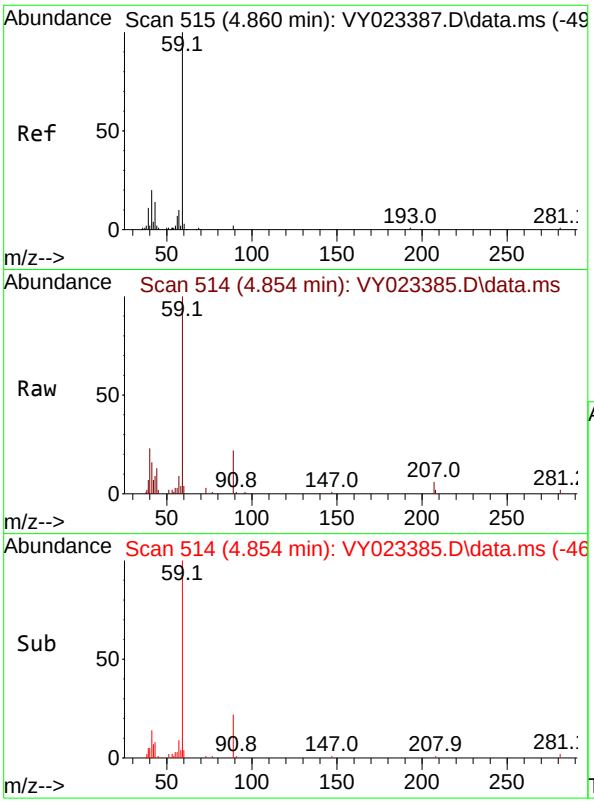


#10
Methyl Iodide
Concen: 8.967 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:142 Resp: 56313

Ion	Ratio	Lower	Upper
142	100		
127	42.9	34.8	52.2
141	14.6	11.6	17.4

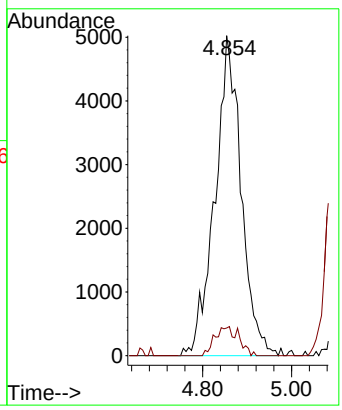




#11
Tert butyl alcohol
Concen: 71.998 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 59 Resp: 2054

Ion	Ratio	Lower	Upper
59	100		
57	6.3	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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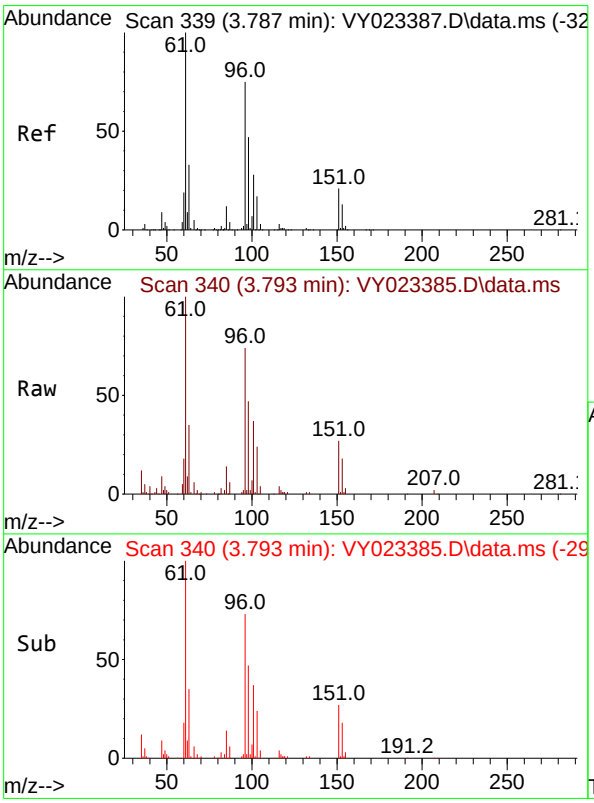
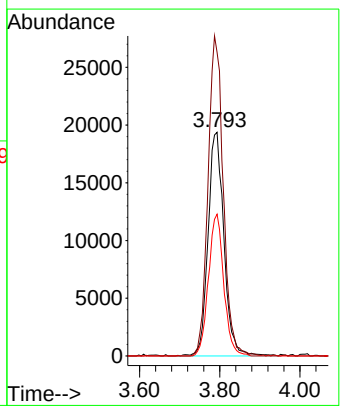
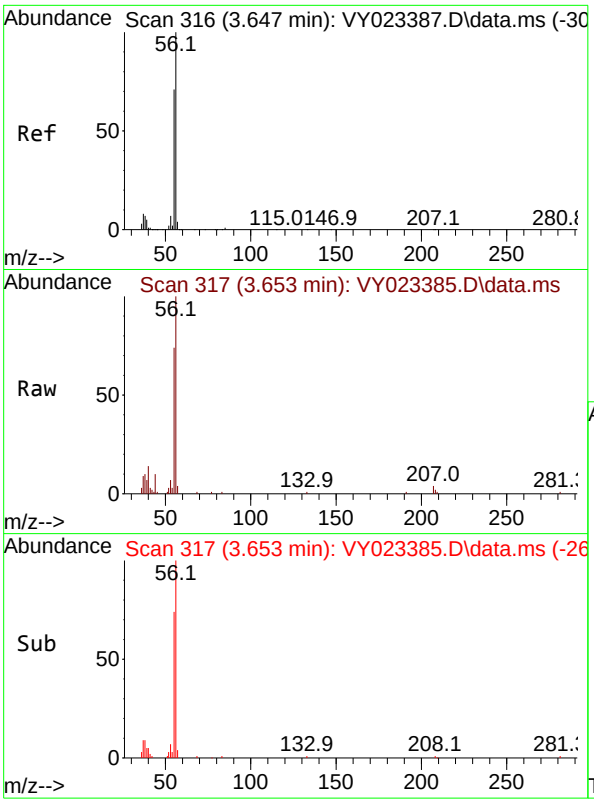


#12
1,1-Dichloroethene
Concen: 10.173 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 96 Resp: 53191

Ion	Ratio	Lower	Upper
96	100		
61	135.7	106.7	160.1
98	63.4	50.2	75.4

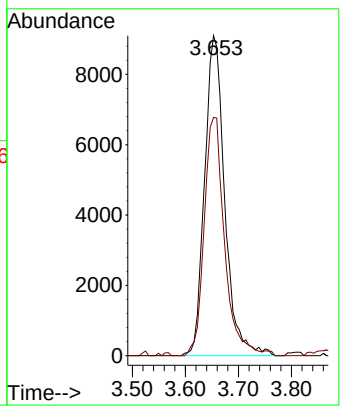




#13
Acrolein
Concen: 49.681 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 56 Resp: 2401

Ion	Ratio	Lower	Upper
56	100		
55	75.2	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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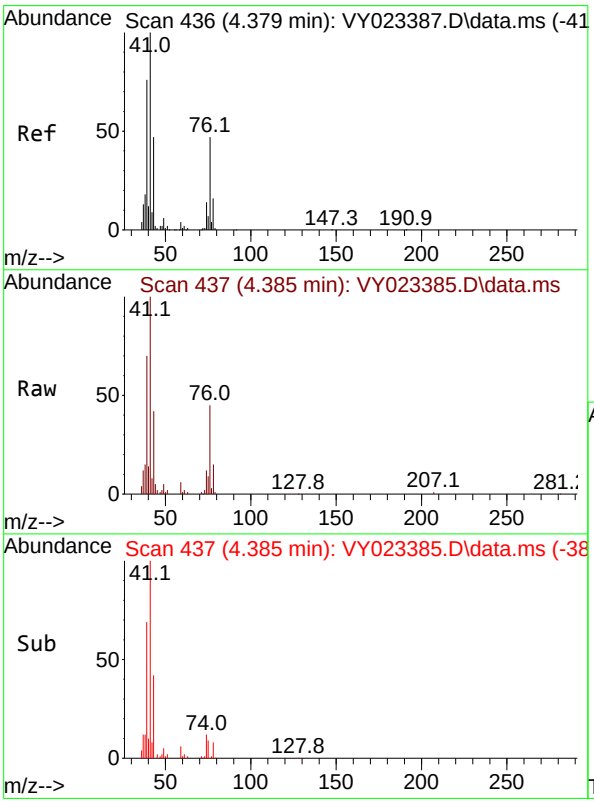
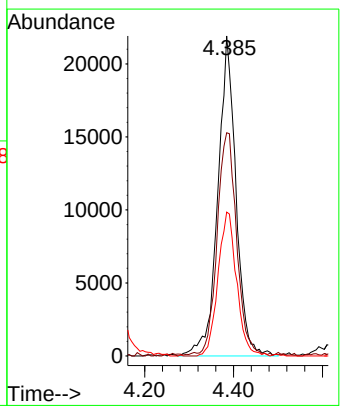
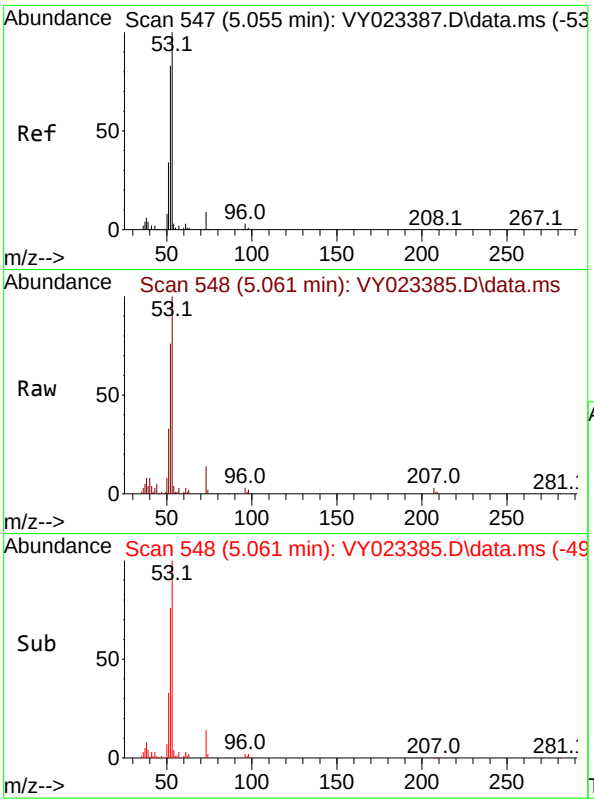


#14
Allyl chloride
Concen: 9.494 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 62154

Ion	Ratio	Lower	Upper
41	100		
39	74.2	59.9	89.9
76	45.9	38.0	57.0

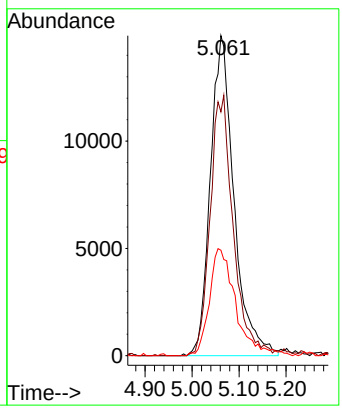




#15
Acrylonitrile
Concen: 49.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 53 Resp: 5193

Ion	Ratio	Lower	Upper
53	100		
52	79.5	64.6	97.0
51	37.4	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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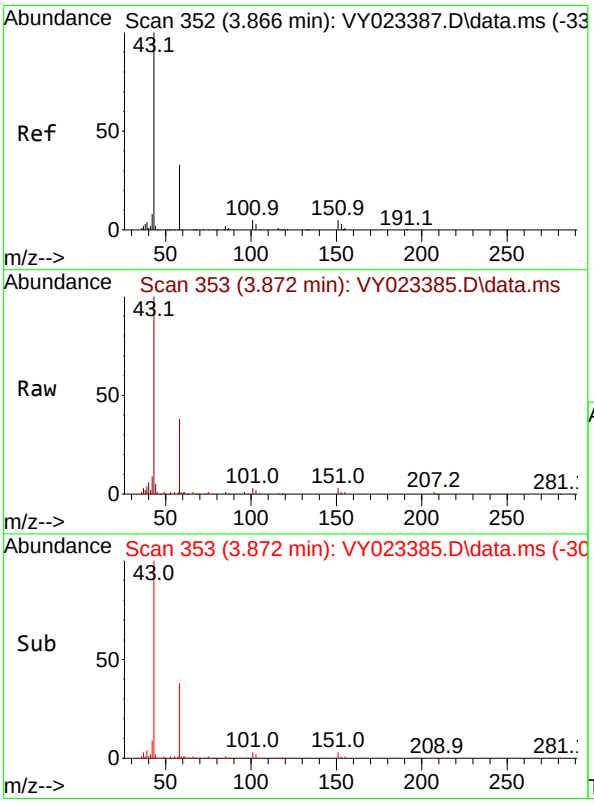
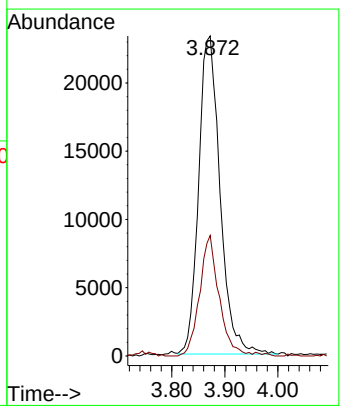
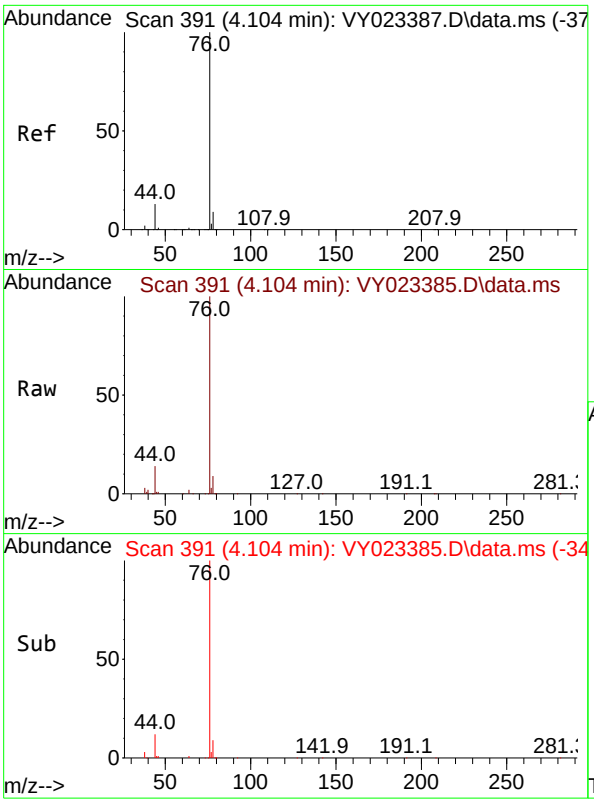


#16
Acetone
Concen: 59.997 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 65410

Ion	Ratio	Lower	Upper
43	100		
58	37.9	27.7	41.5

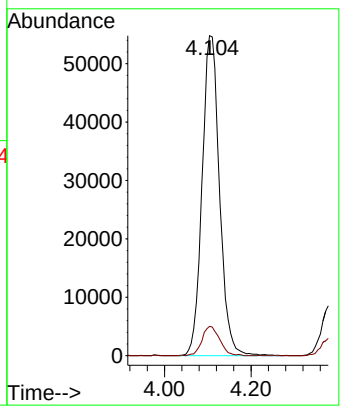




#17
Carbon Disulfide
Concen: 9.382 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 76 Resp: 15305

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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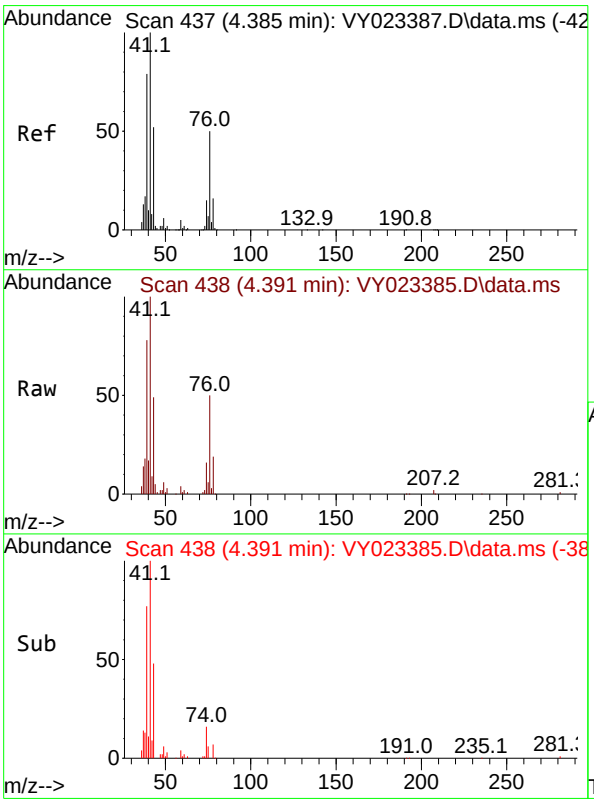
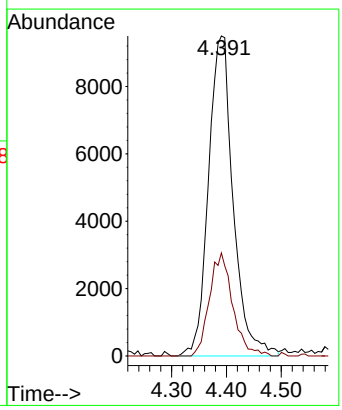
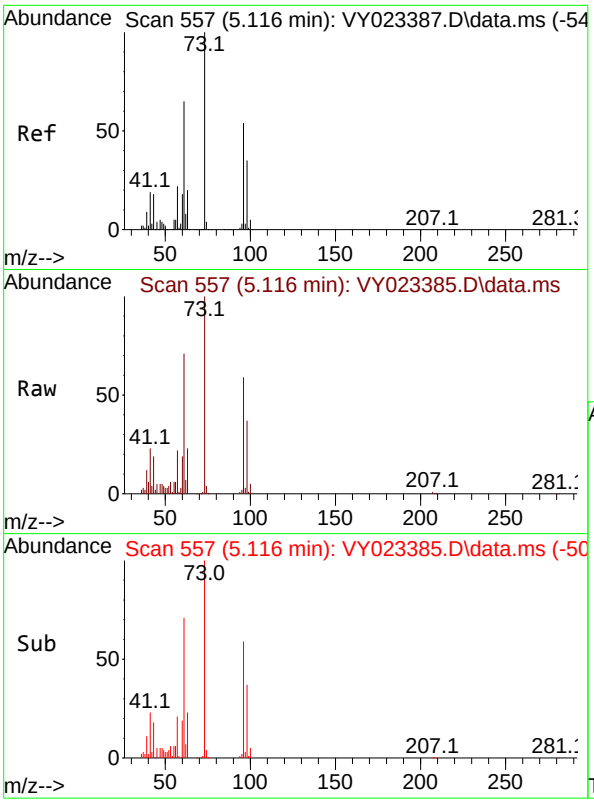


#18
Methyl Acetate
Concen: 10.728 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 29725

Ion	Ratio	Lower	Upper
43	100		
74	30.3	24.2	36.4

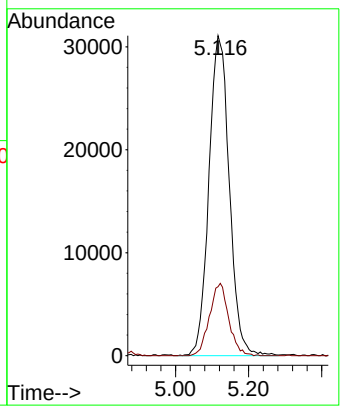




#19
Methyl tert-butyl Ether
Concen: 9.830 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 73 Resp: 12034

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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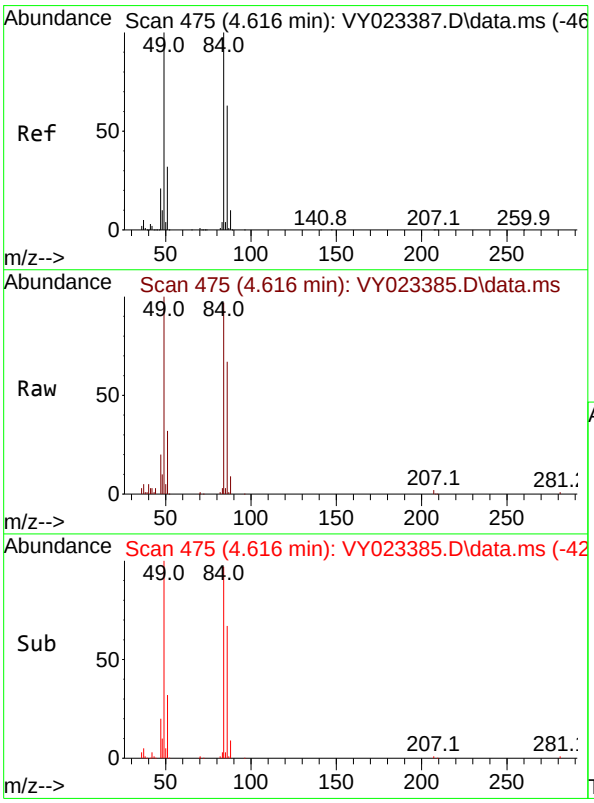
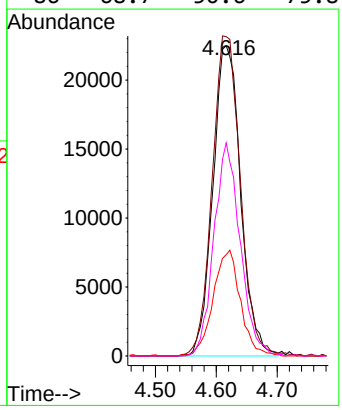
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

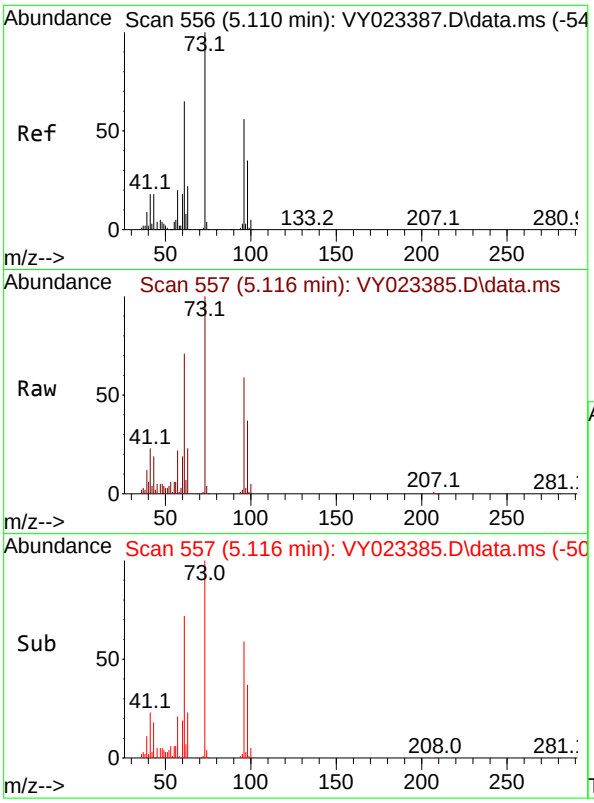


#20
Methylene Chloride
Concen: 12.016 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 84 Resp: 71034

Ion	Ratio	Lower	Upper
84	100		
49	102.9	80.2	120.4
51	32.6	25.9	38.9
86	68.7	50.6	75.8

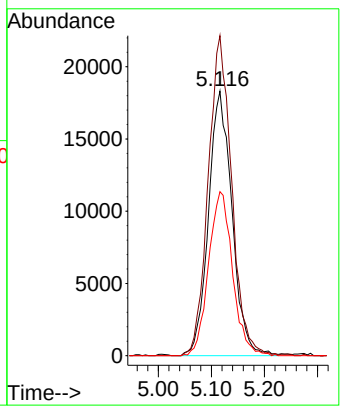




#21
trans-1,2-Dichloroethene
Concen: 9.710 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 96 Resp: 5646

Ion	Ratio	Lower	Upper
96	100		
61	121.0	92.7	139.1
98	62.0	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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Reviewed By :Semsettin Yesilyurt 10/10/2025
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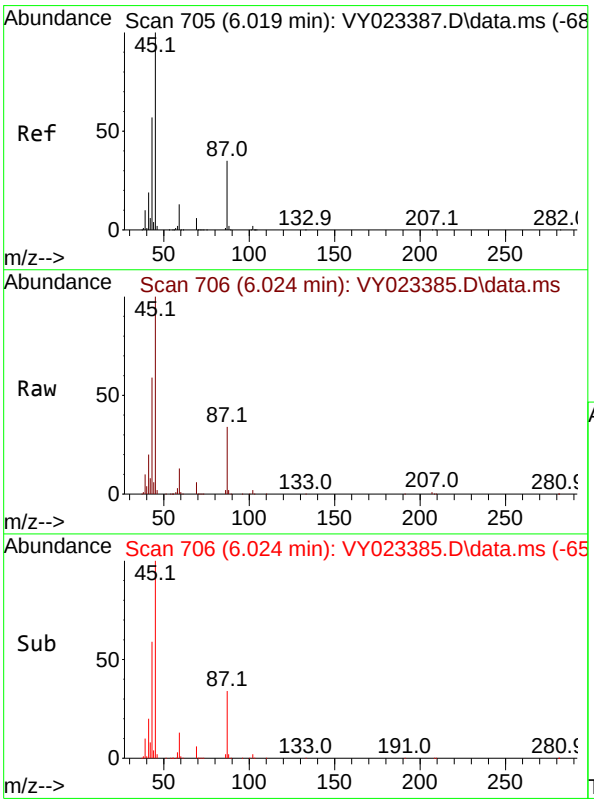
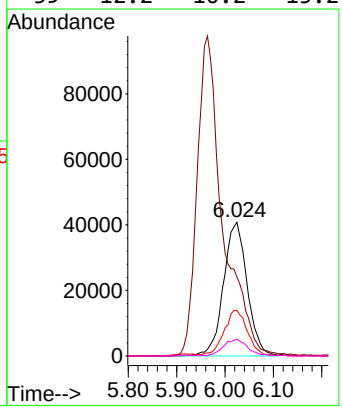
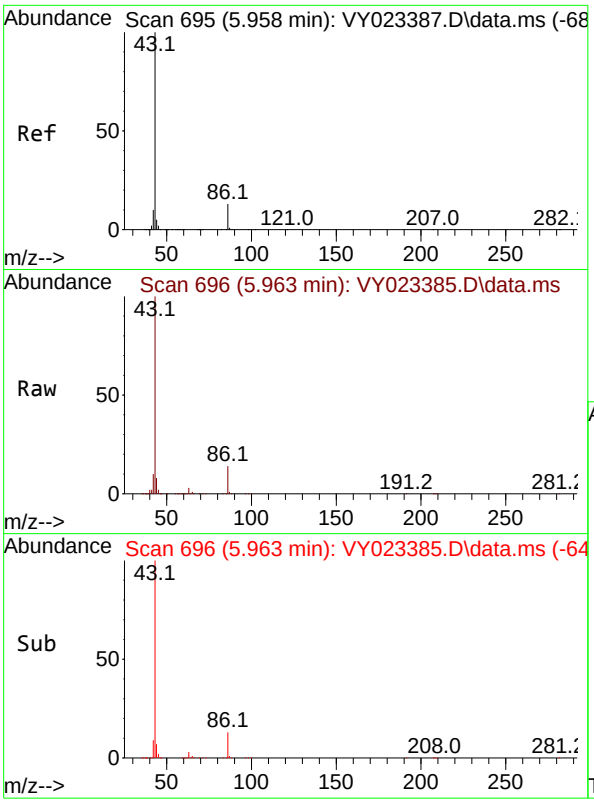


#22
Diisopropyl ether
Concen: 9.547 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 45 Resp: 138589

Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.6	68.4
87	33.7	28.1	42.1
59	12.2	10.2	15.2

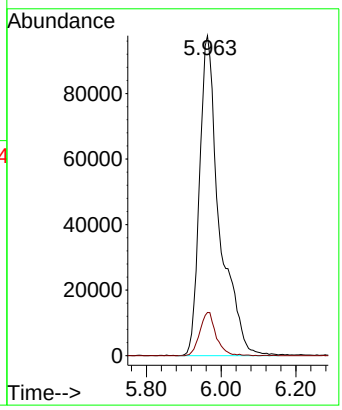




#23
Vinyl Acetate
Concen: 45.300 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 36147

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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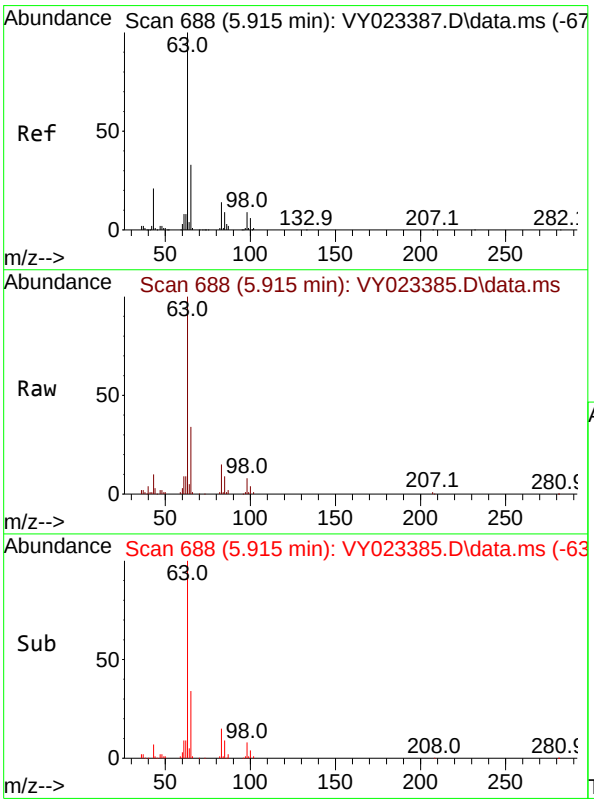
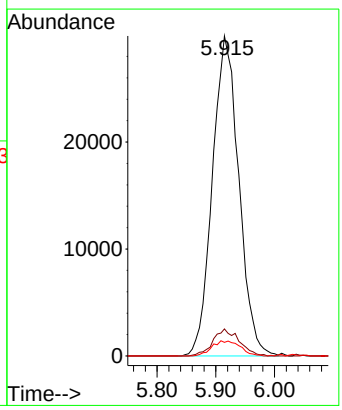
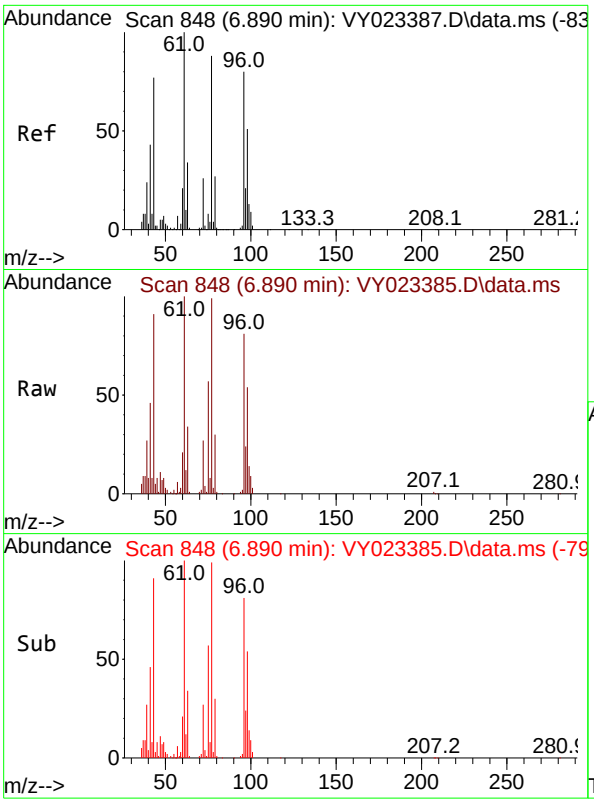


#24
1,1-Dichloroethane
Concen: 9.772 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 93512

Ion	Ratio	Lower	Upper
63	100		
98	8.4	4.3	13.1
100	4.3	2.8	8.4





#25
2-Butanone
Concen: 55.784 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 7517

Ion	Ratio	Lower	Upper
43	100		
72	29.4	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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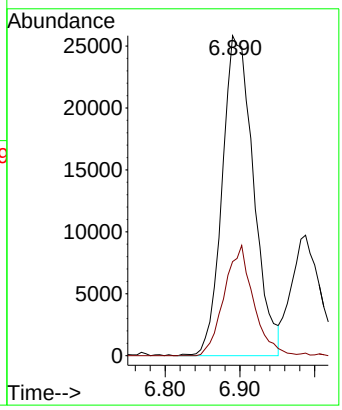
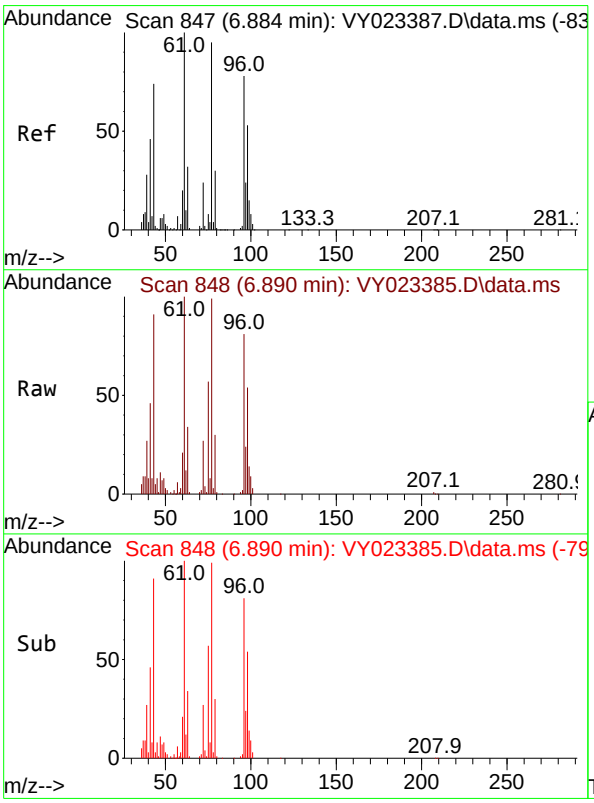
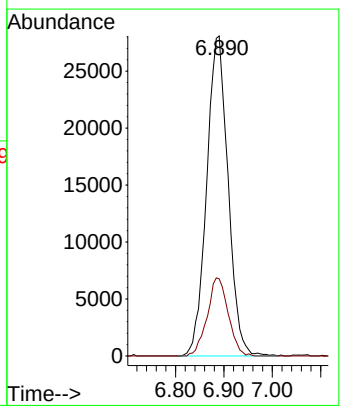


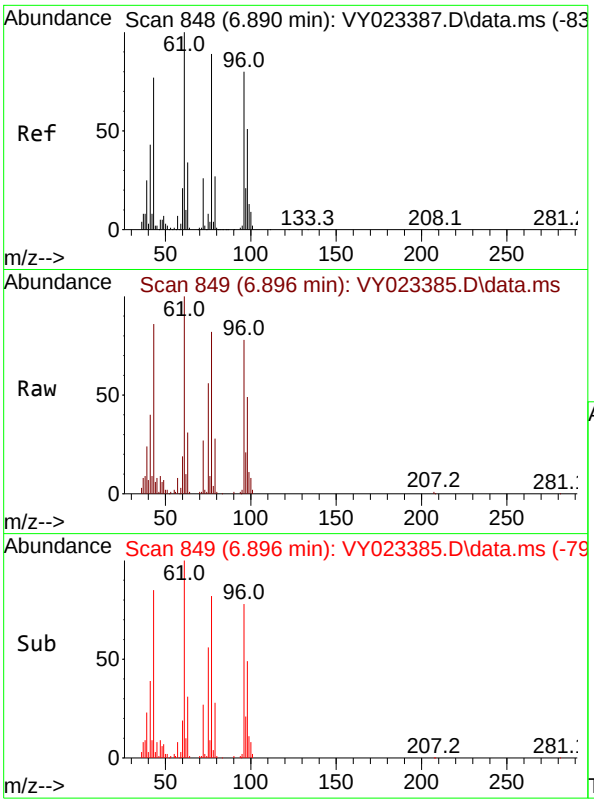


#26
2,2-Dichloropropane
Concen: 10.153 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 77 Resp: 86325

Ion	Ratio	Lower	Upper
77	100		
97	23.9	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 9.905 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 96 Resp: 6533

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.2
98	64.5	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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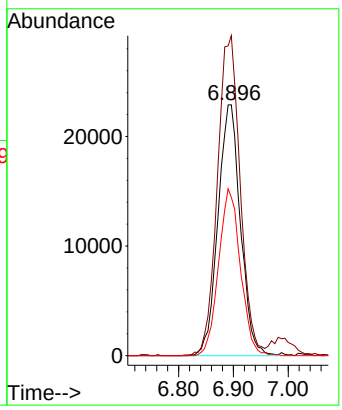
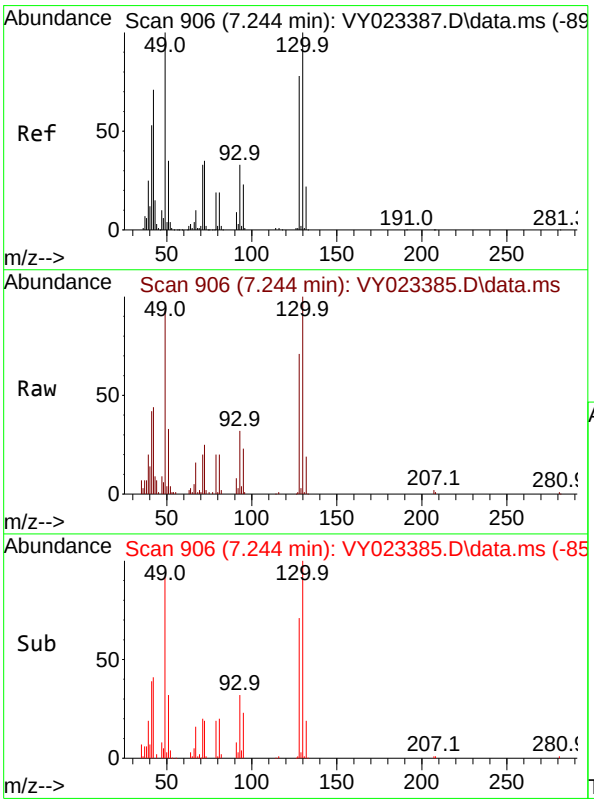
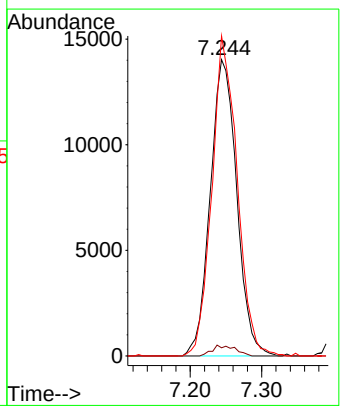


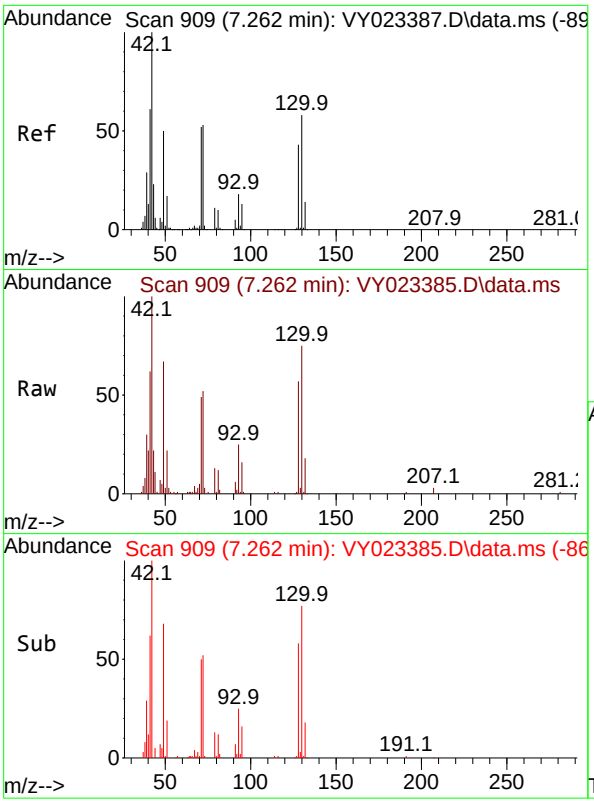


#28
Bromochloromethane
Concen: 9.733 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 49 Resp: 36132

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	103.0	81.9	122.9

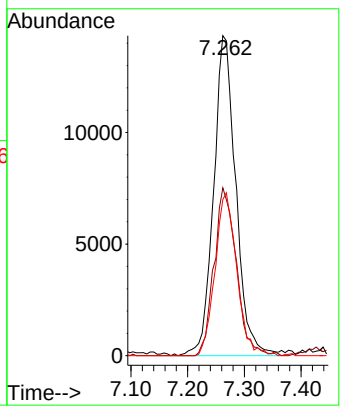




#29
Tetrahydrofuran
Concen: 48.749 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 42 Resp: 3899(

Ion	Ratio	Lower	Upper
42	100		
72	52.6	43.0	64.6
71	49.8	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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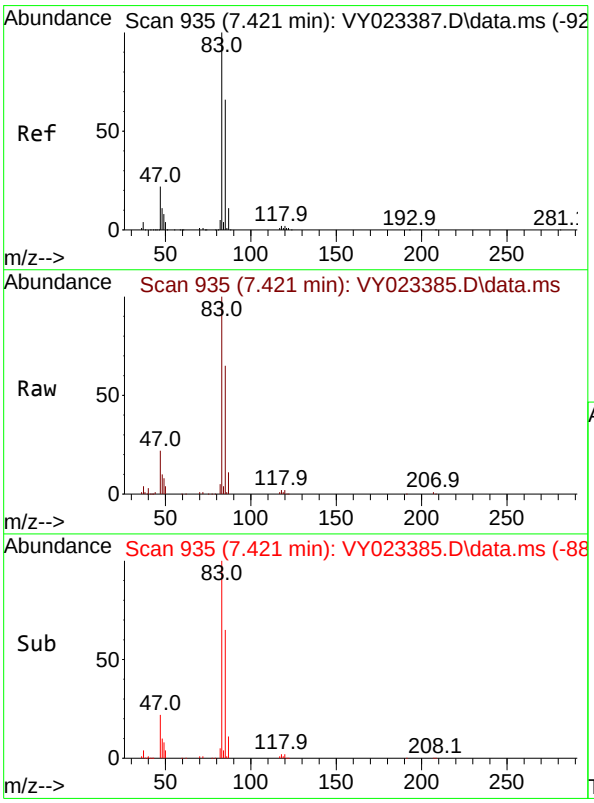
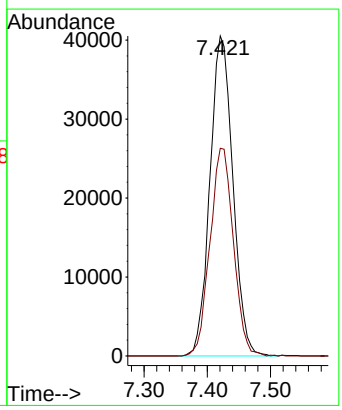
Supervised By :Mahesh Dadoda 10/10/2025

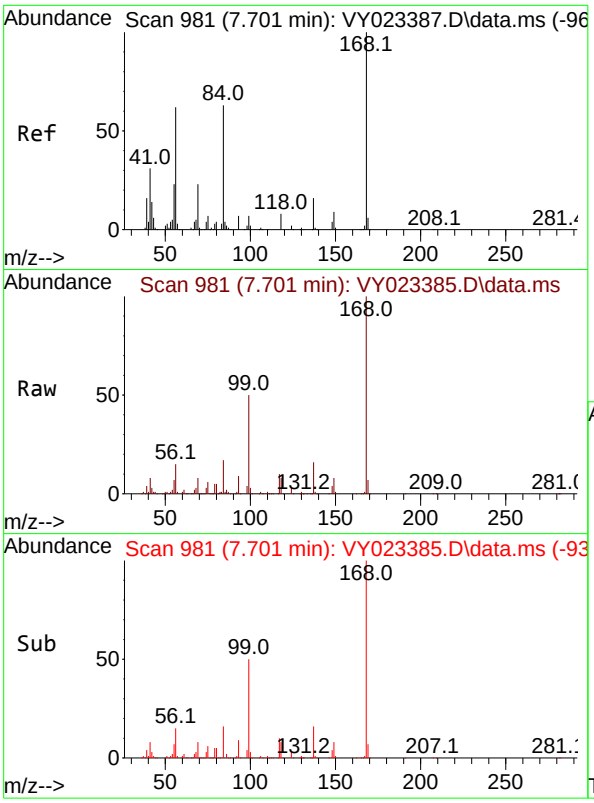


#30
Chloroform
Concen: 9.890 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 83 Resp: 102058

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.5	78.7

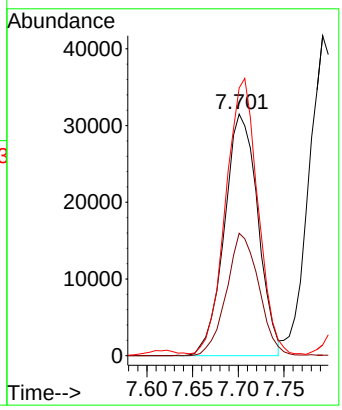




#31
Cyclohexane
Concen: 9.495 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 56 Resp: 8024

Ion	Ratio	Lower	Upper
56	100		
69	50.5	30.0	45.0
84	109.7	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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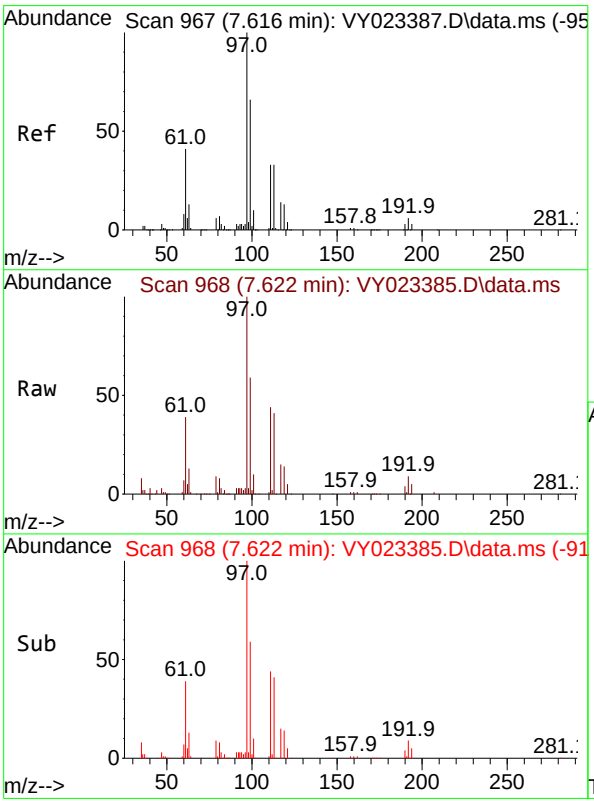
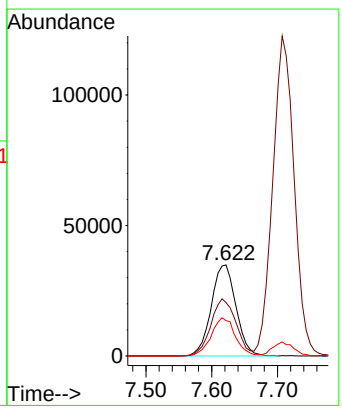
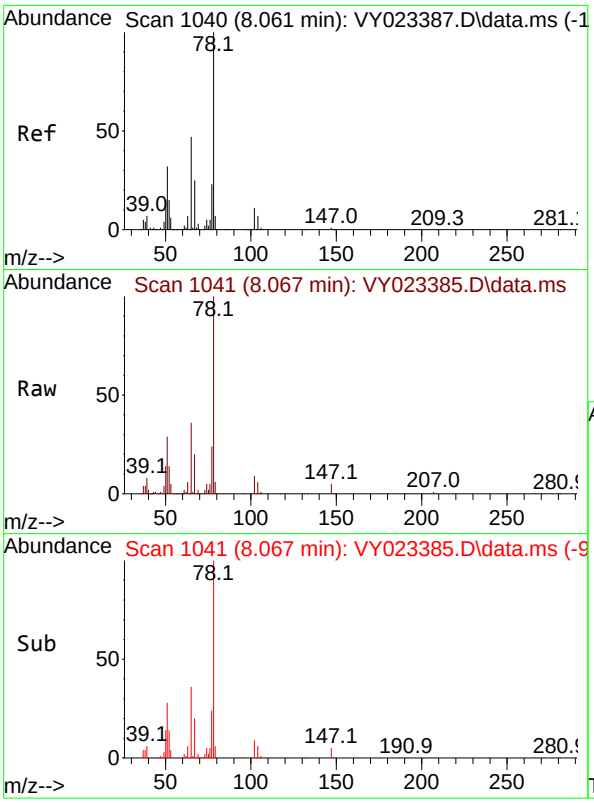


#32
1,1,1-Trichloroethane
Concen: 9.844 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 97 Resp: 91186

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	41.0	31.9	47.9

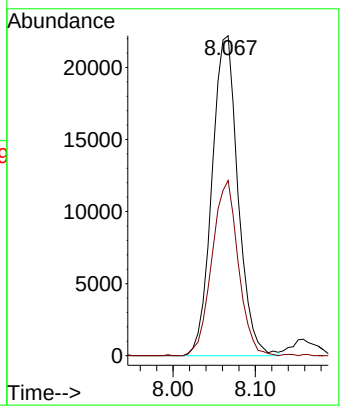




#33
1,2-Dichloroethane-d4
Concen: 10.071 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 65 Resp: 4882

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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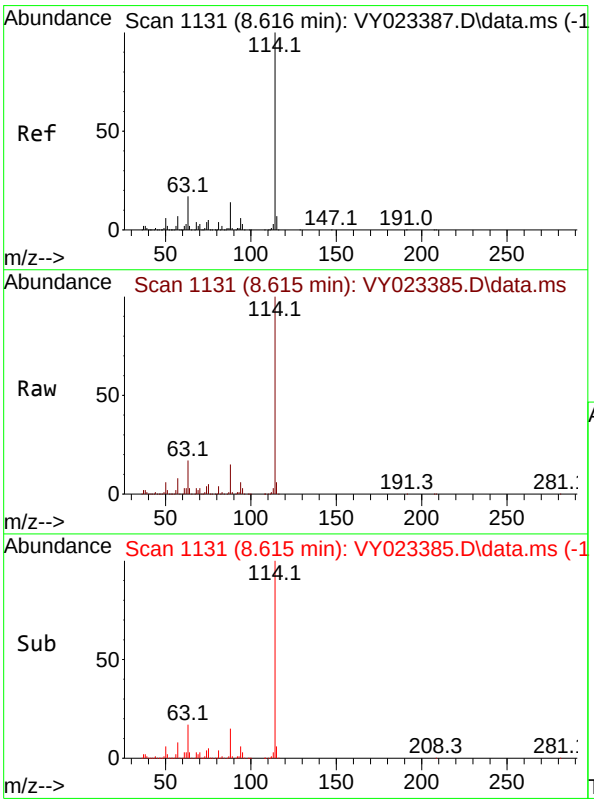
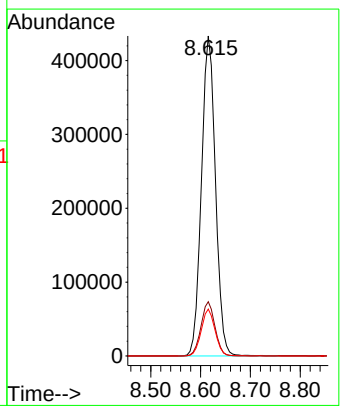
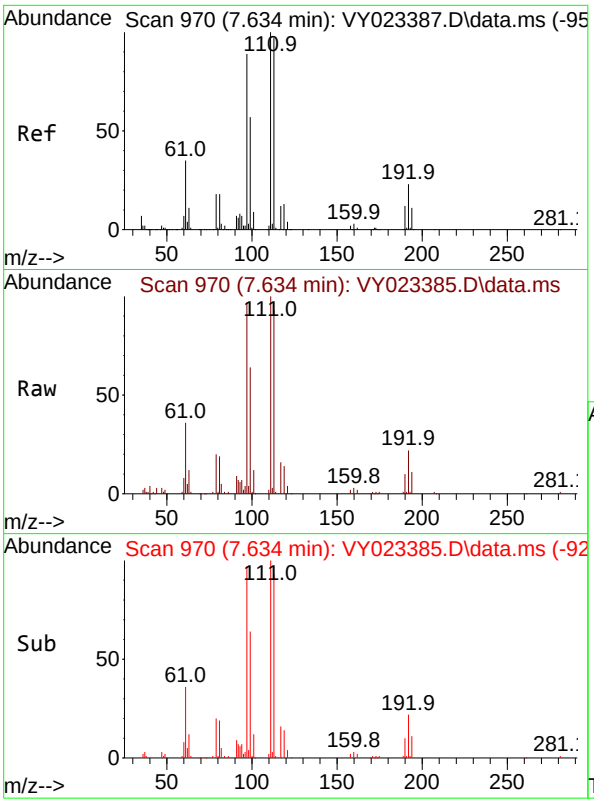


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:114 Resp: 847077

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	34.2
88	14.7	0.0	28.4

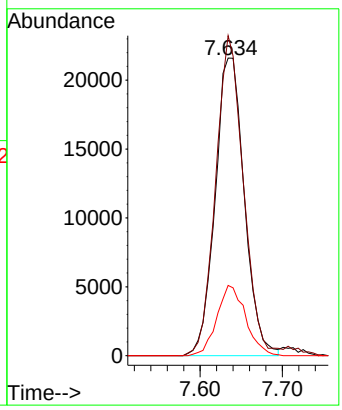




#35
Dibromofluoromethane
Concen: 10.364 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:113 Resp: 5327

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	23.3	18.0	27.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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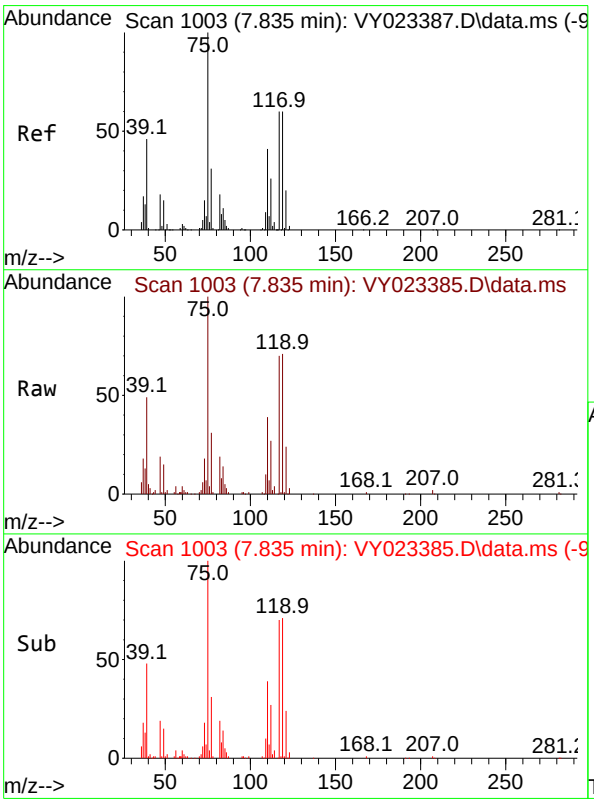
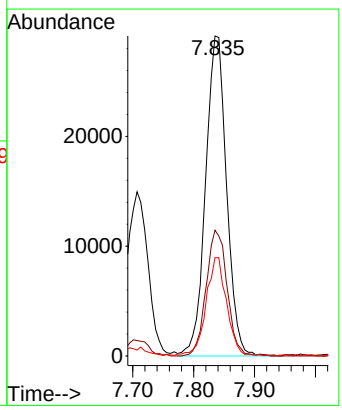
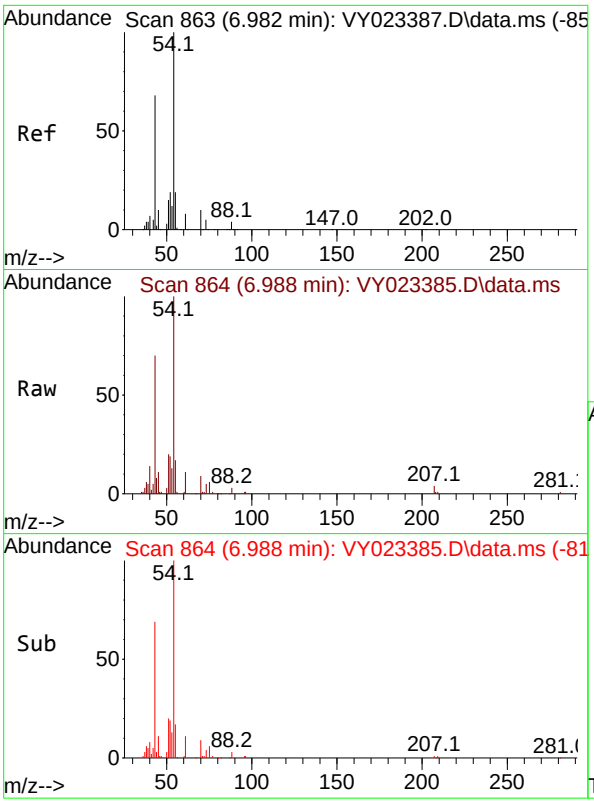


#36
1,1-Dichloropropene
Concen: 9.639 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 69913

Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.9	59.7
77	30.4	25.0	37.6





#37
Ethyl Acetate
Concen: 9.551 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 2738

Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.8	17.8
70	12.8	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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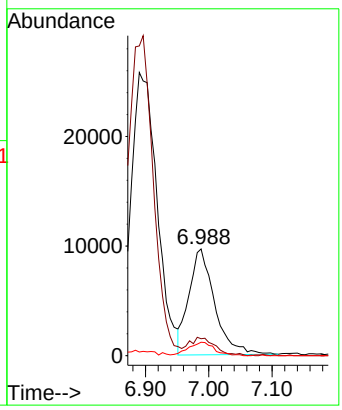
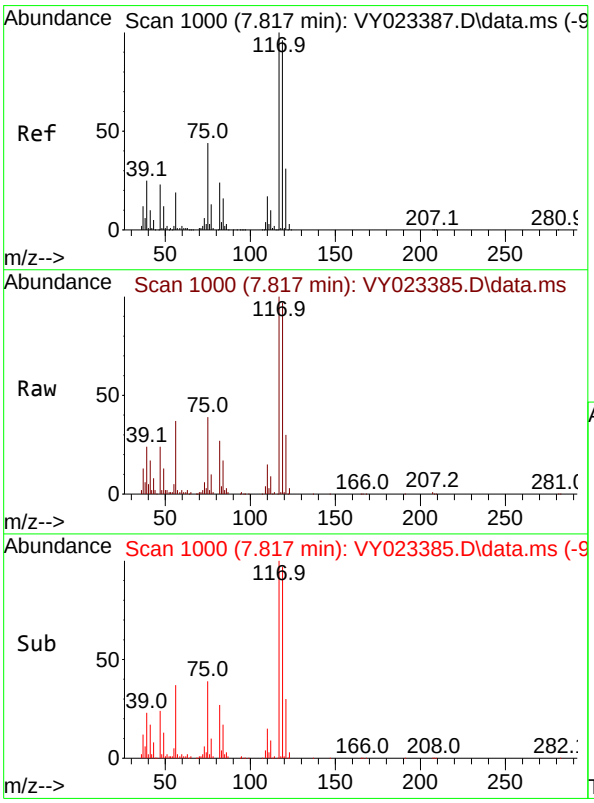
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

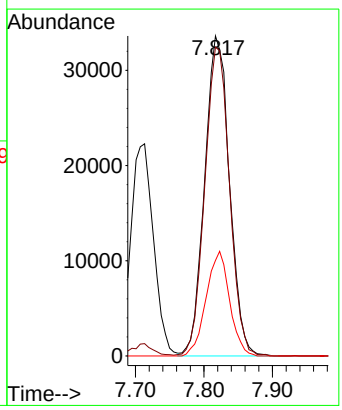


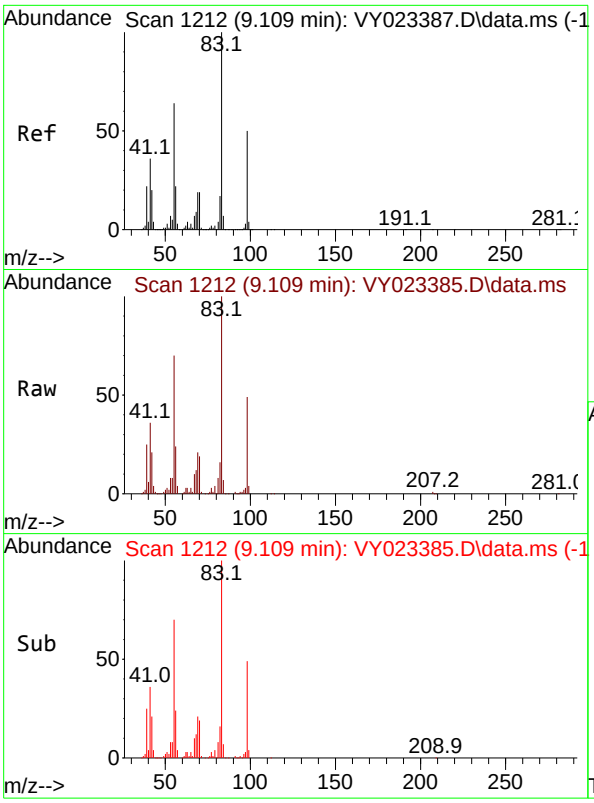


#38
Carbon Tetrachloride
Concen: 10.065 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:117 Resp: 84799

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
121	29.9	24.5	36.7





#39
Methylcyclohexane
Concen: 8.860 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 83 Resp: 8227

Ion	Ratio	Lower	Upper
83	100		
55	69.7	51.4	77.2
98	48.6	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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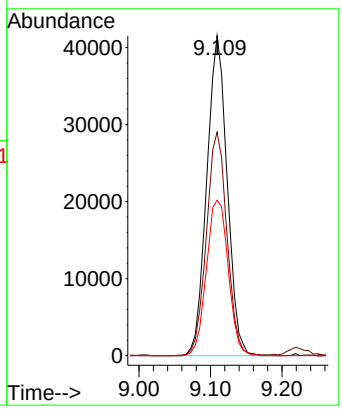
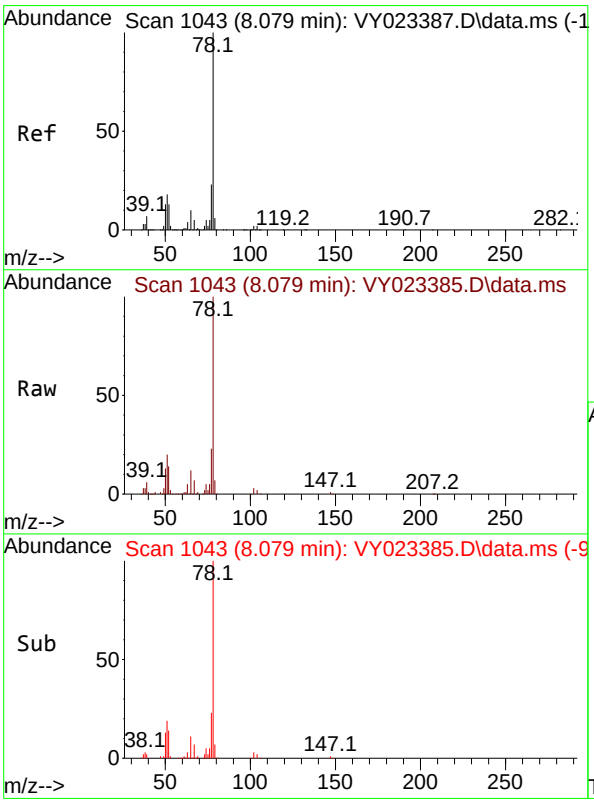
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

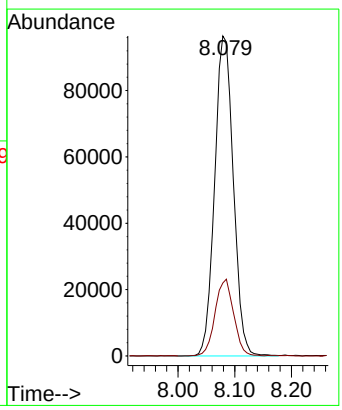


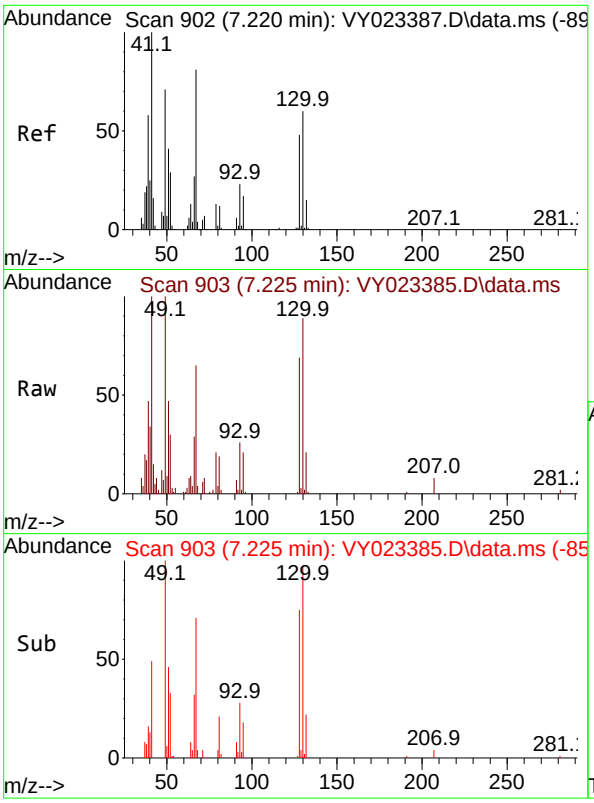


#40
Benzene
Concen: 9.758 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 78 Resp: 220629

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.3	27.5

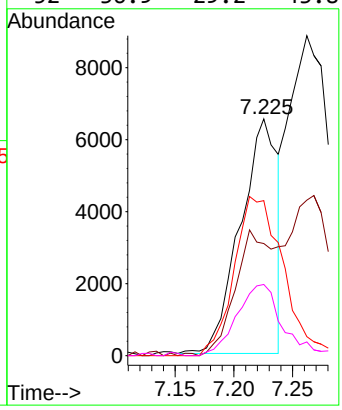




#41
Methacrylonitrile
Concen: 9.632 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 1434

Ion	Ratio	Lower	Upper
41	100		
39	49.9	52.2	78.4
67	90.2	74.9	112.3
52	36.9	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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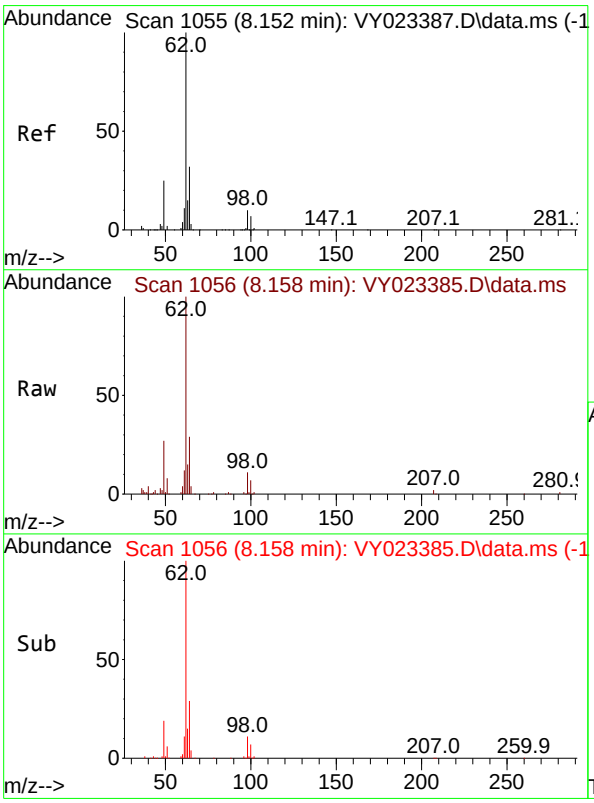
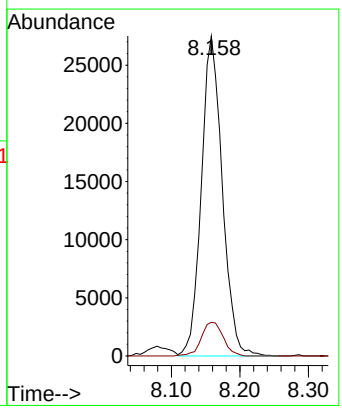
Supervised By :Mahesh Dadoda 10/10/2025

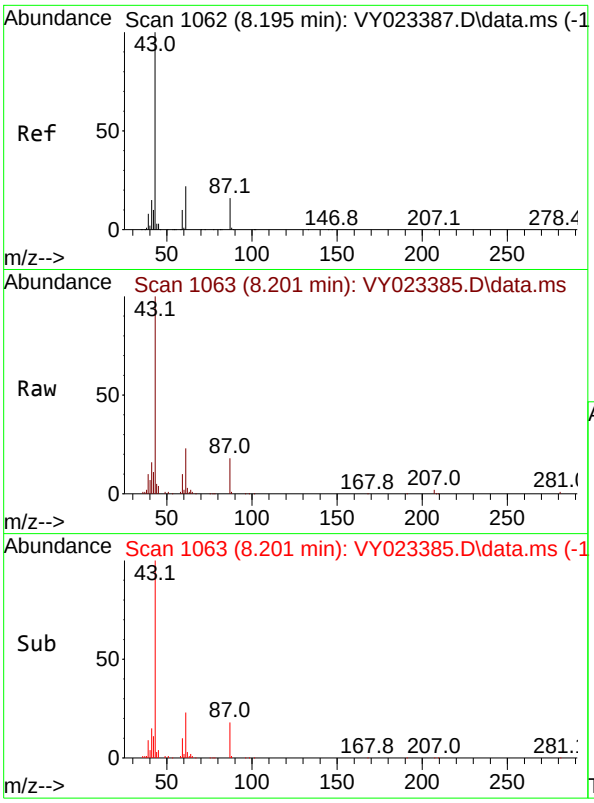


#42
1,2-Dichloroethane
Concen: 10.174 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 62 Resp: 58541

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6

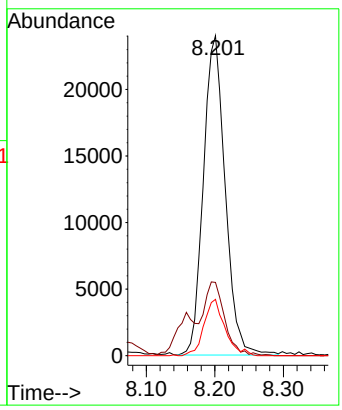




#43
Isopropyl Acetate
Concen: 9.510 ug/l
RT: 8.201 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 5304

Ion	Ratio	Lower	Upper
43	100		
61	21.4	18.1	27.1
87	17.0	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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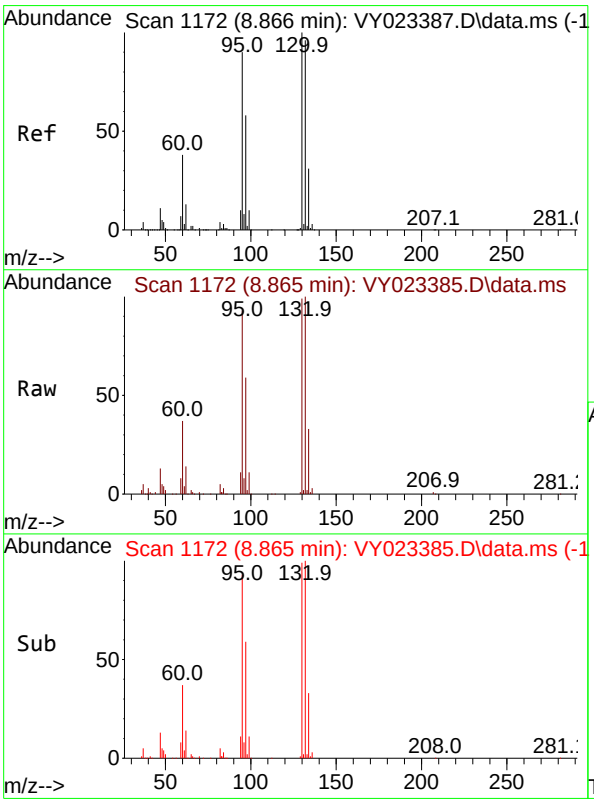
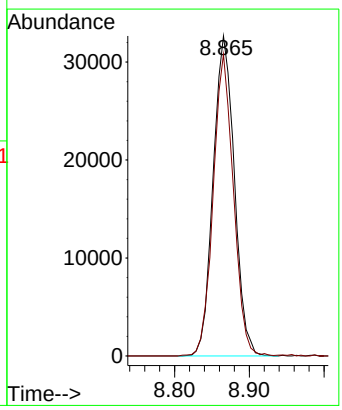
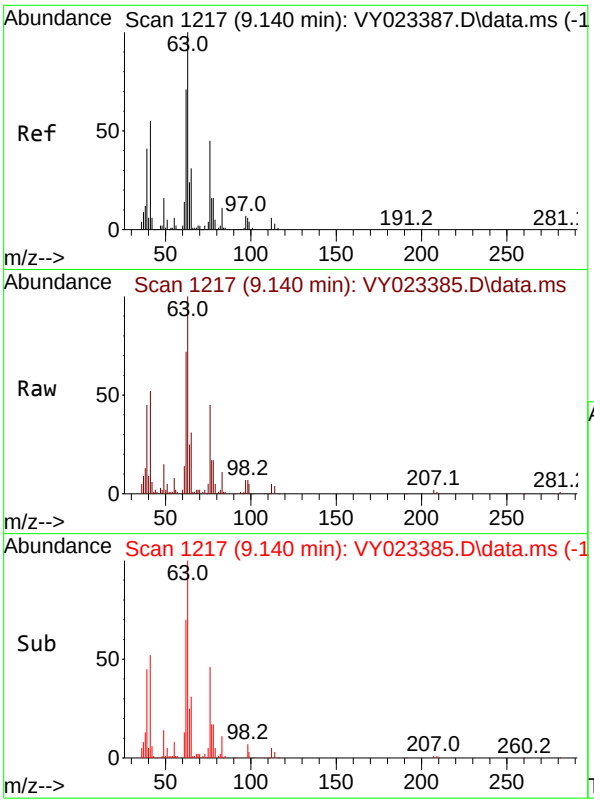


#44
Trichloroethene
Concen: 10.171 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:130 Resp: 64537

Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	180.6

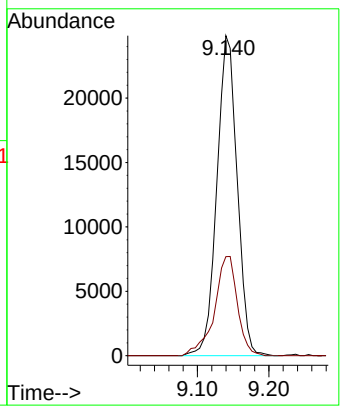




#45
1,2-Dichloropropane
Concen: 9.632 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 4900

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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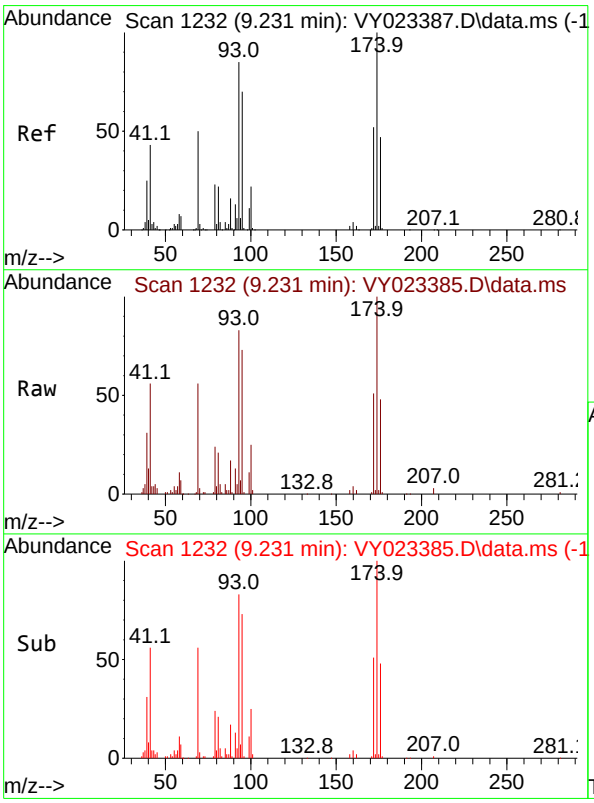
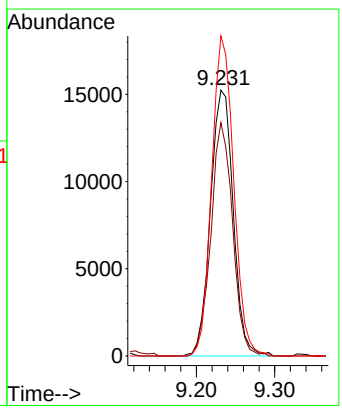
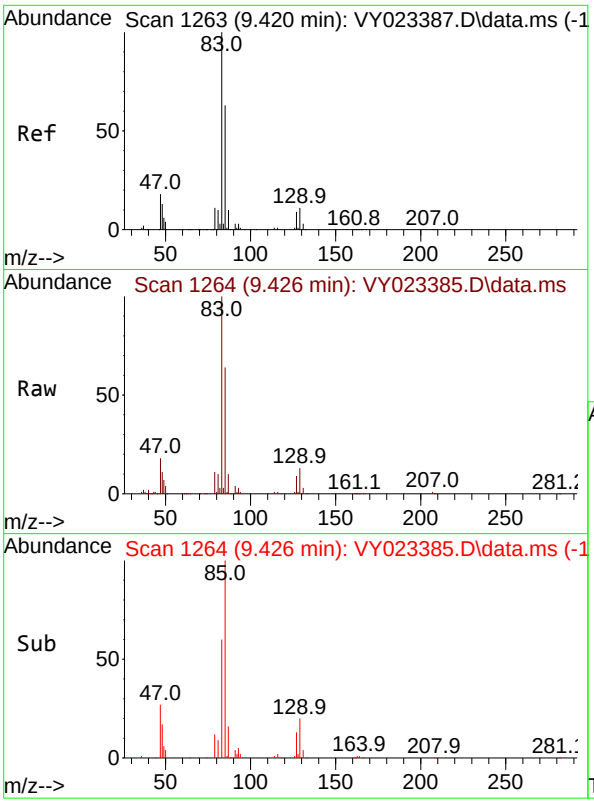


#46
Dibromomethane
Concen: 9.890 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 93 Resp: 30780

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.4	98.0
174	116.7	92.9	139.3

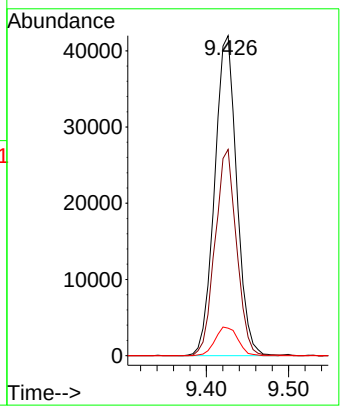




#47
Bromodichloromethane
Concen: 10.007 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 83 Resp: 7839

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	8.6	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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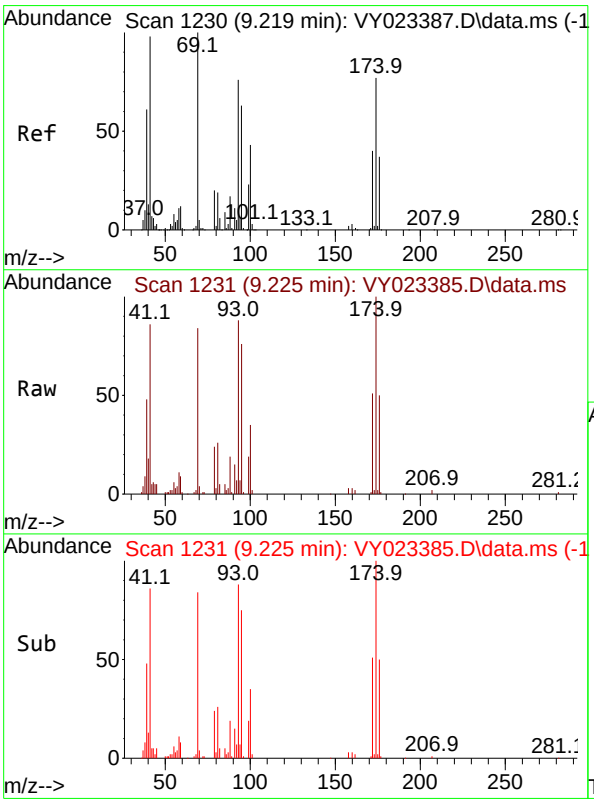
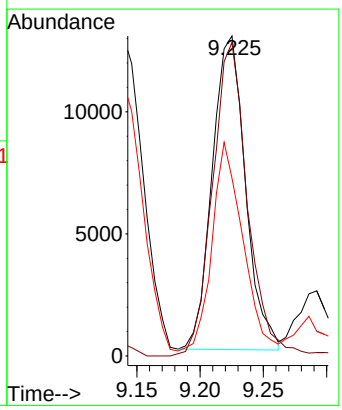
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

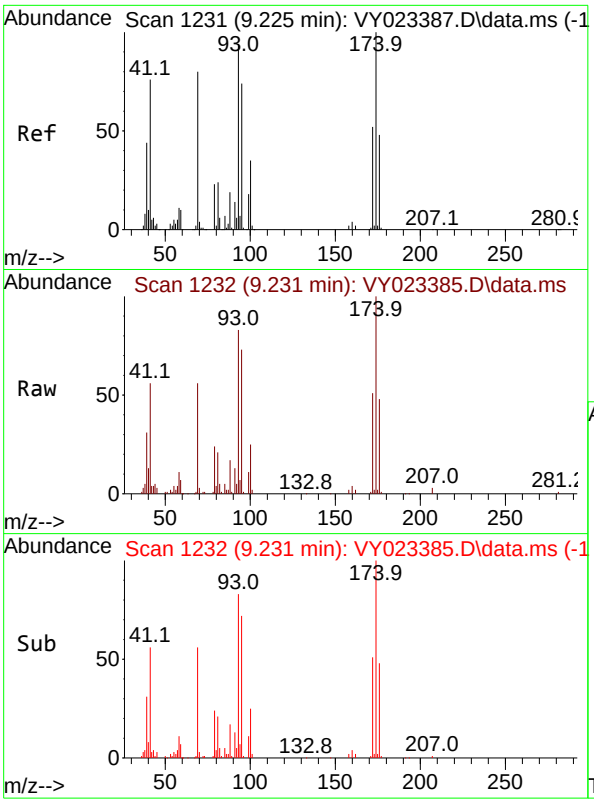


#48
Methyl methacrylate
Concen: 9.023 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 23484

Ion	Ratio	Lower	Upper
41	100		
69	105.8	81.0	121.4
39	61.4	48.2	72.4





#49
1,4-Dioxane
Concen: 211.693 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 88 Resp: 682

Ion	Ratio	Lower	Upper
88	100		
43	32.1	21.8	32.8
58	62.0	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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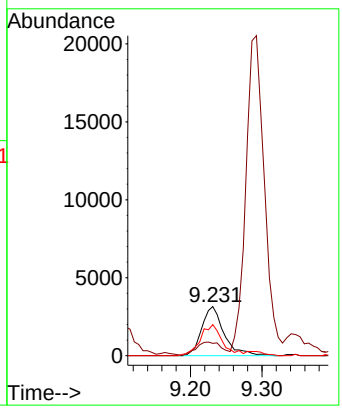
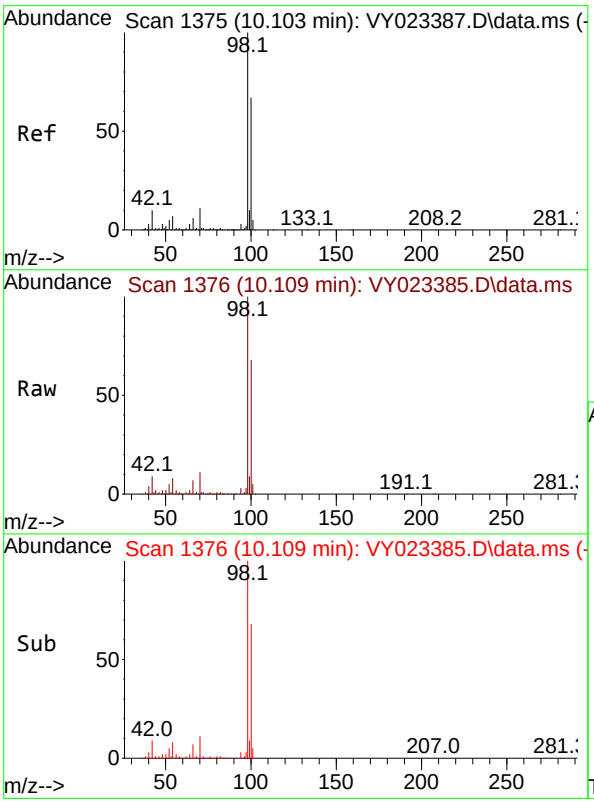
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

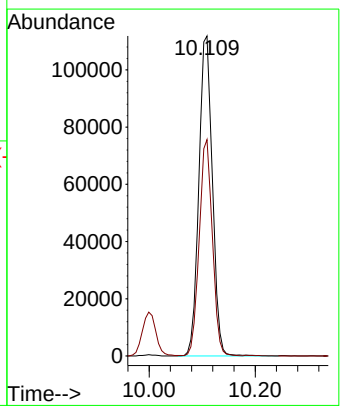


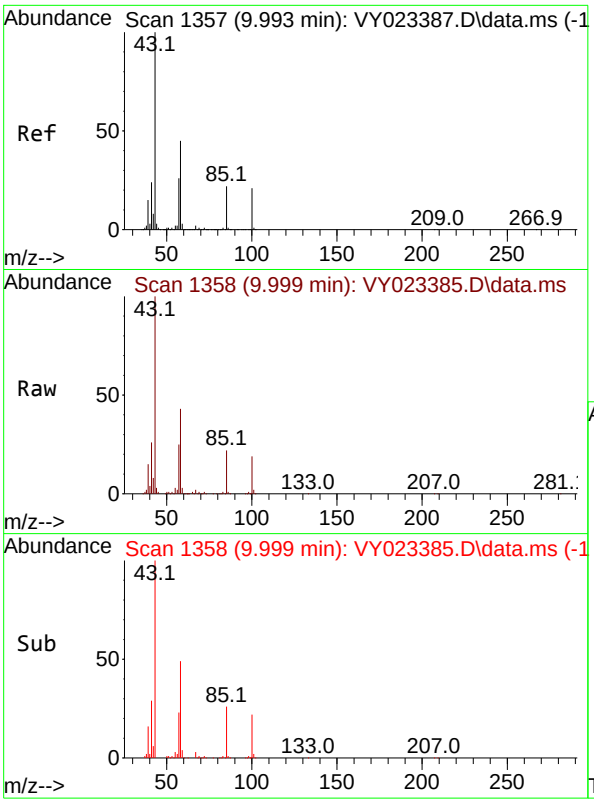


#50
Toluene-d8
Concen: 10.225 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 98 Resp: 198242

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

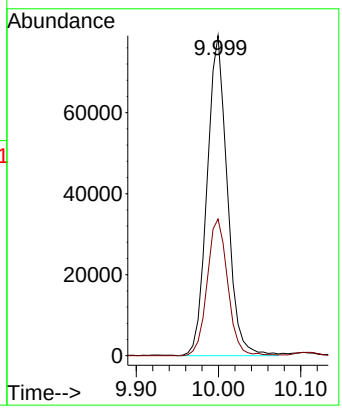




#51
4-Methyl-2-Pentanone
Concen: 47.165 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 13474

Ion	Ratio	Lower	Upper
43	100		
58	43.5	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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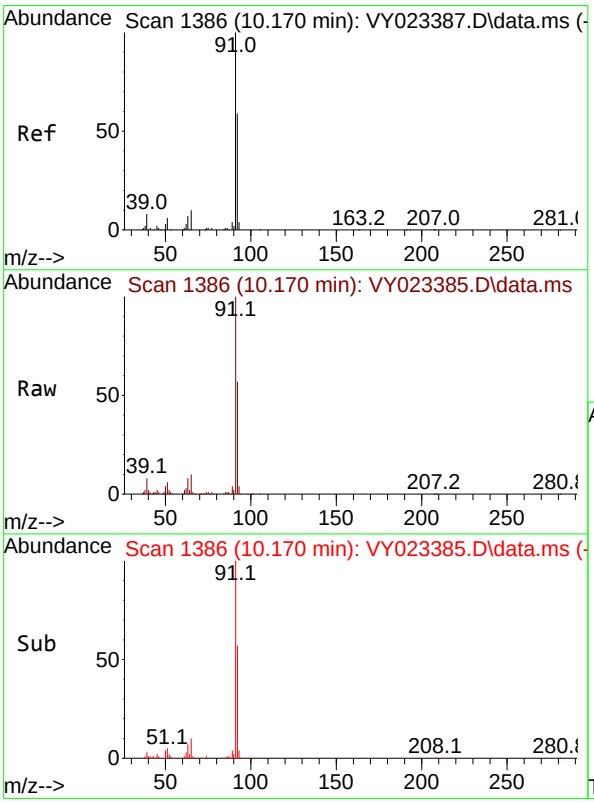
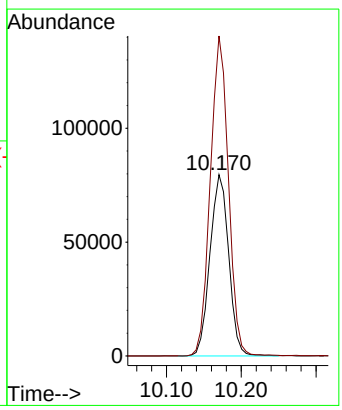
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

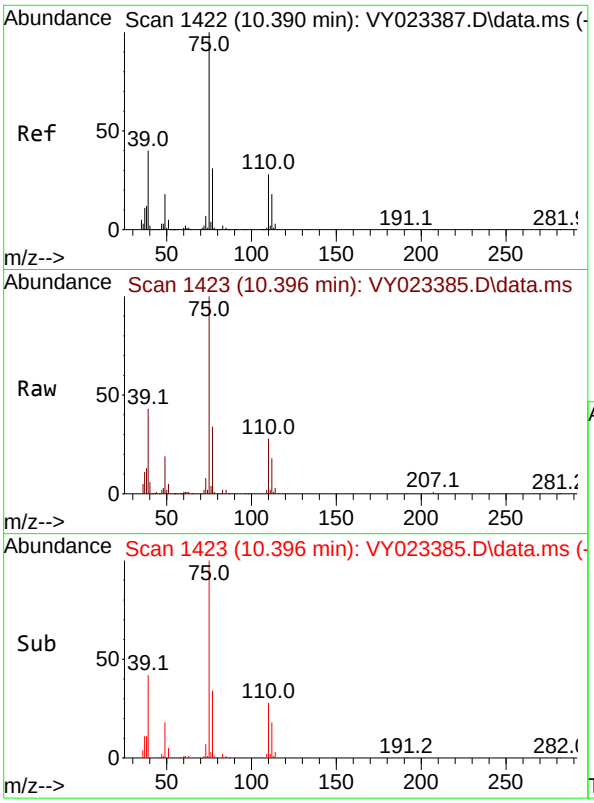


#52
Toluene
Concen: 9.661 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 92 Resp: 138662

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 9.559 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 6431

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.1	37.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/10/2025
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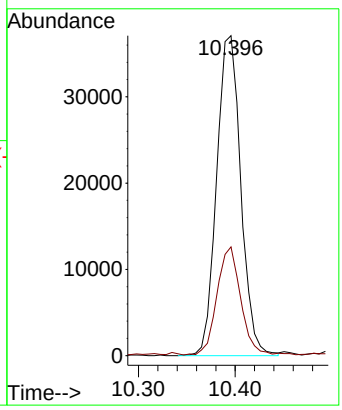
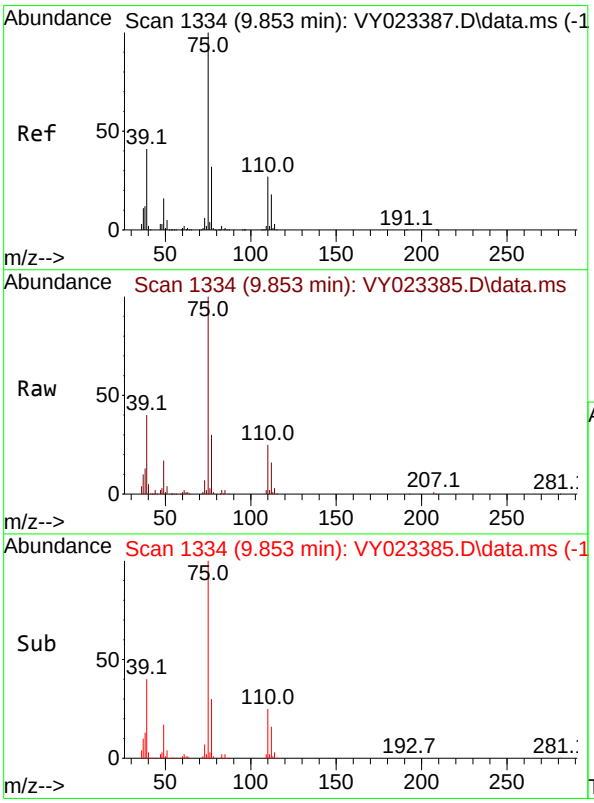
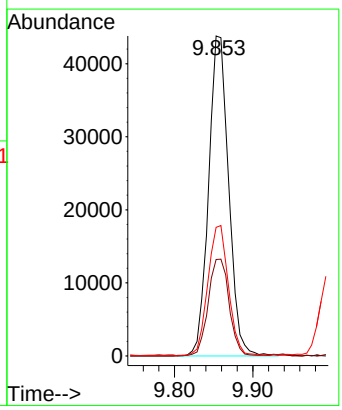


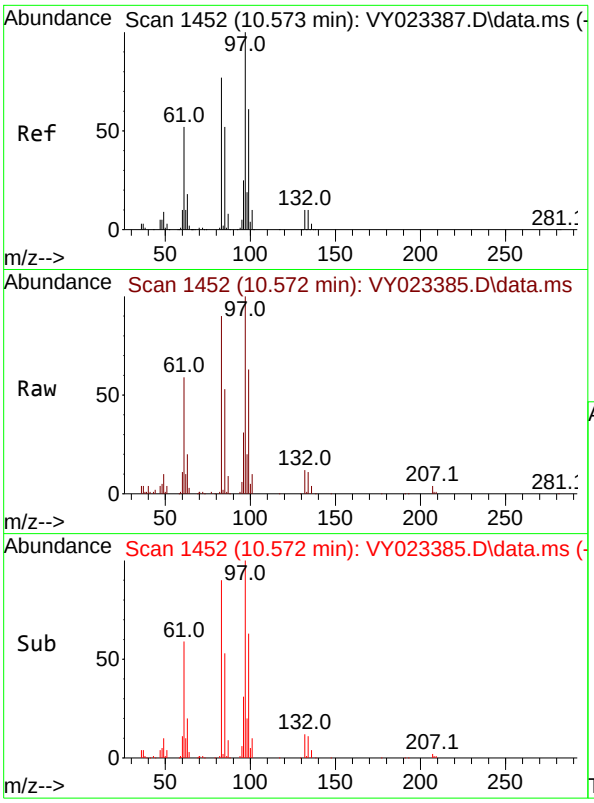


#54
cis-1,3-Dichloropropene
Concen: 9.687 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 77905

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.0
39	40.2	32.8	49.2

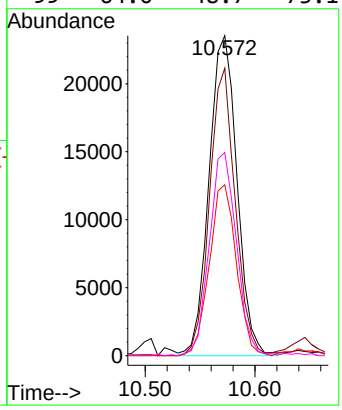




#55
1,1,2-Trichloroethane
Concen: 10.118 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 97 Resp: 4188

Ion	Ratio	Lower	Upper
97	100		
83	90.6	61.8	92.6
85	53.8	41.3	61.9
99	64.0	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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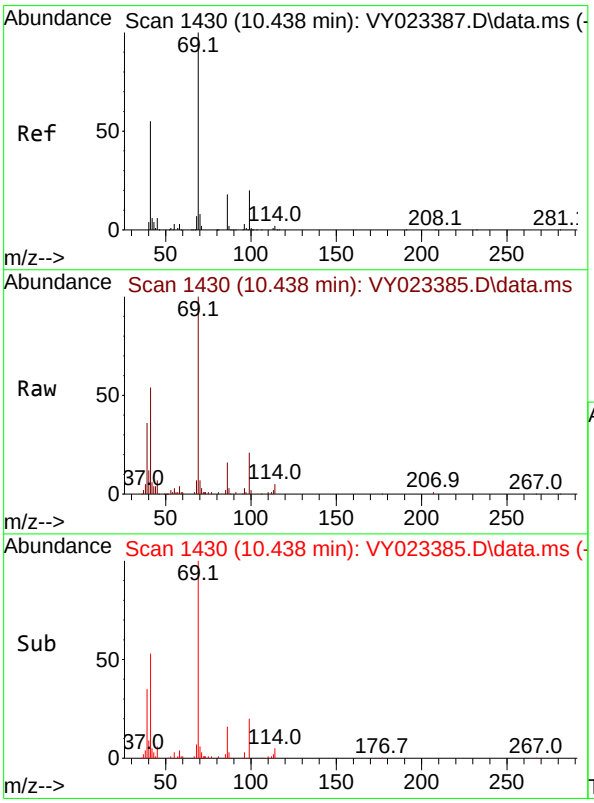
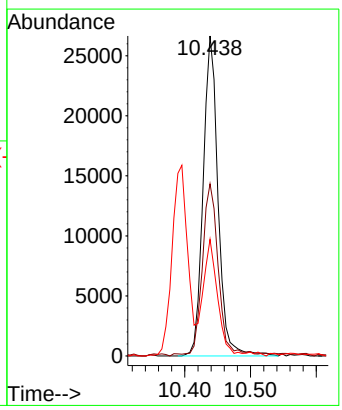
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

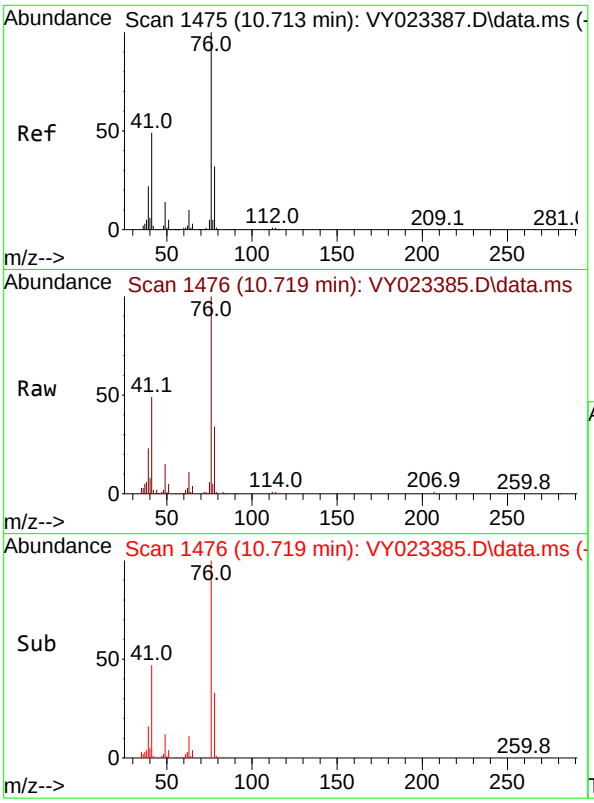


#56
Ethyl methacrylate
Concen: 8.830 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 69 Resp: 42096

Ion	Ratio	Lower	Upper
69	100		
41	58.1	44.6	67.0
39	34.5	27.0	40.4

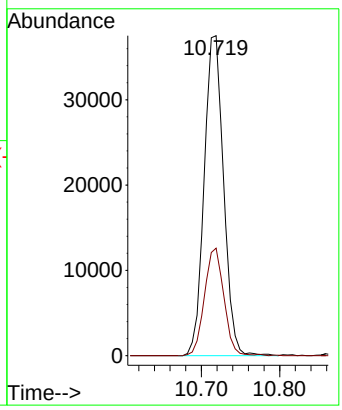




#57
1,3-Dichloropropane
Concen: 9.633 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 76 Resp: 6453

Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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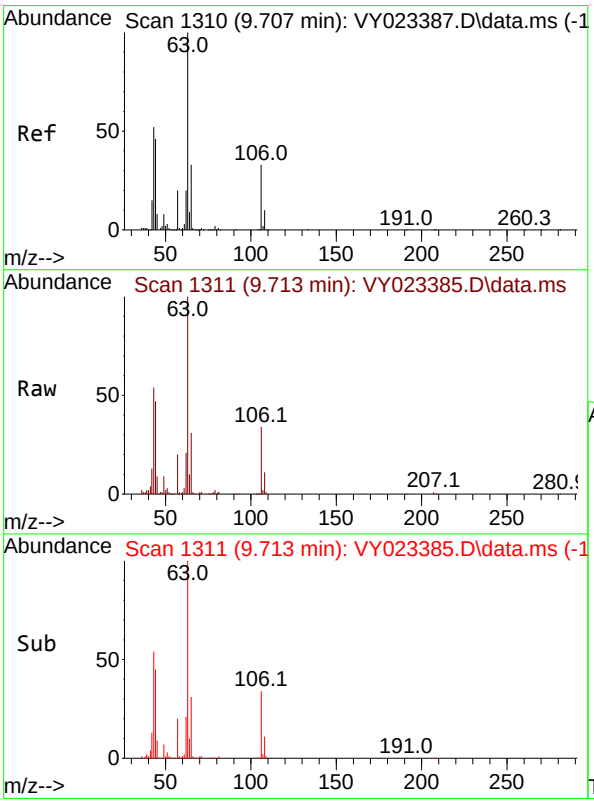
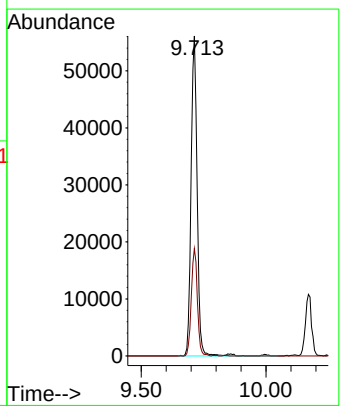
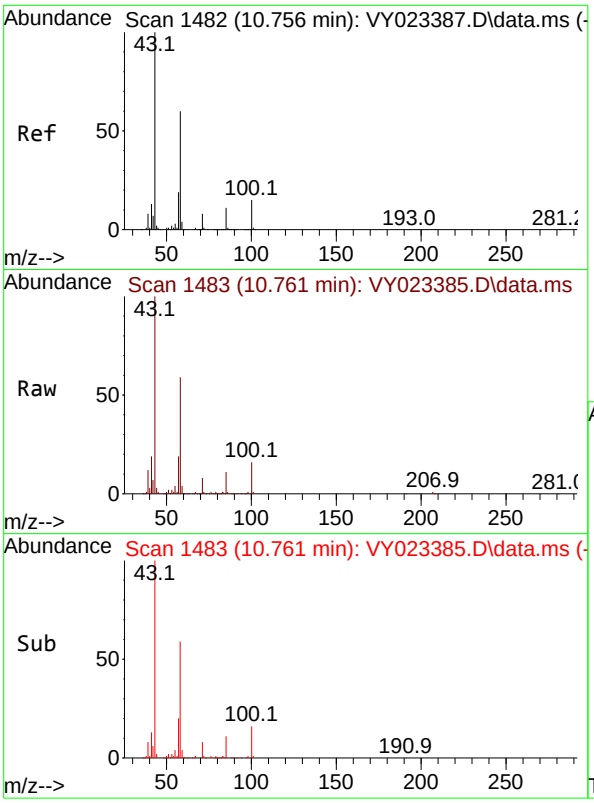


#58
2-Chloroethyl Vinyl ether
Concen: 45.535 ug/l m
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 94970

Ion	Ratio	Lower	Upper
63	100		
106	33.4	26.6	39.8

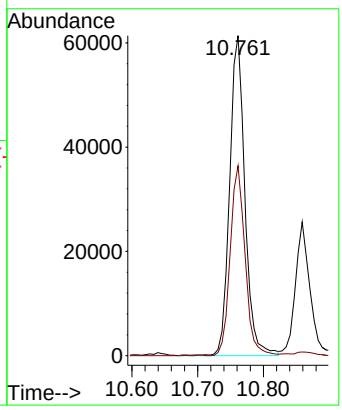




#59
2-Hexanone
Concen: 50.138 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 9917

Ion	Ratio	Lower	Upper
43	100		
58	58.0	30.5	91.5



Instrument :
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ClientSampleId :
VSTDICC010

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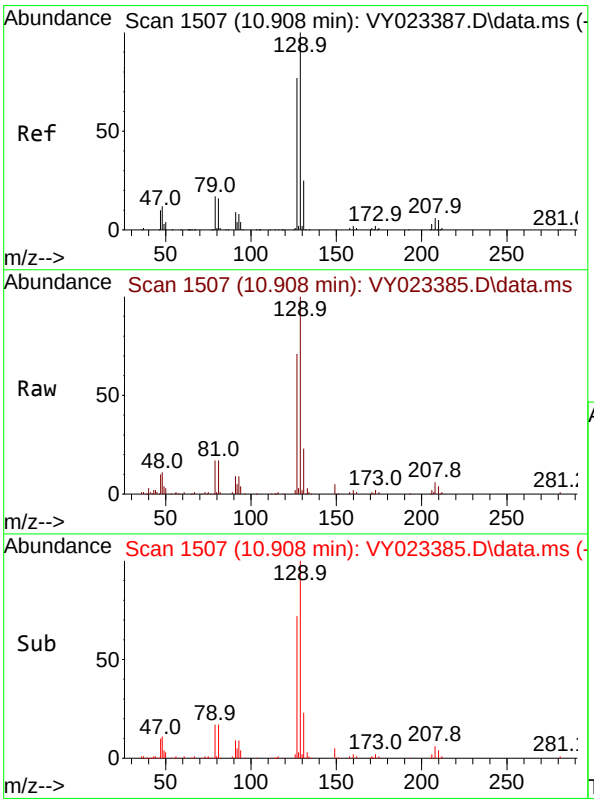
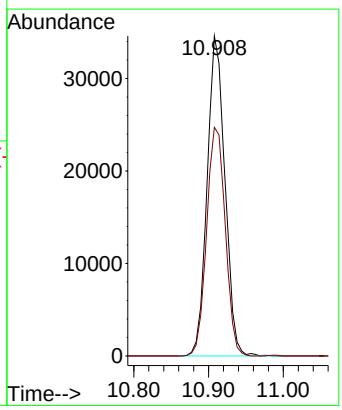
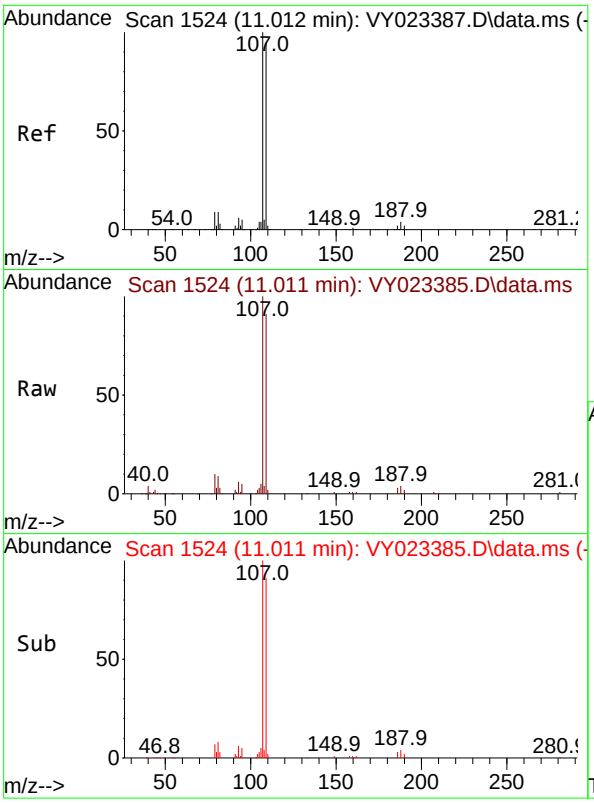


#60
Dibromochloromethane
Concen: 10.123 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:129 Resp: 57151

Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.6	115.7





#61
1,2-Dibromoethane
Concen: 9.979 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:107 Resp: 3886

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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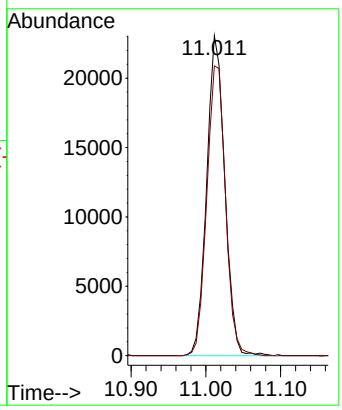
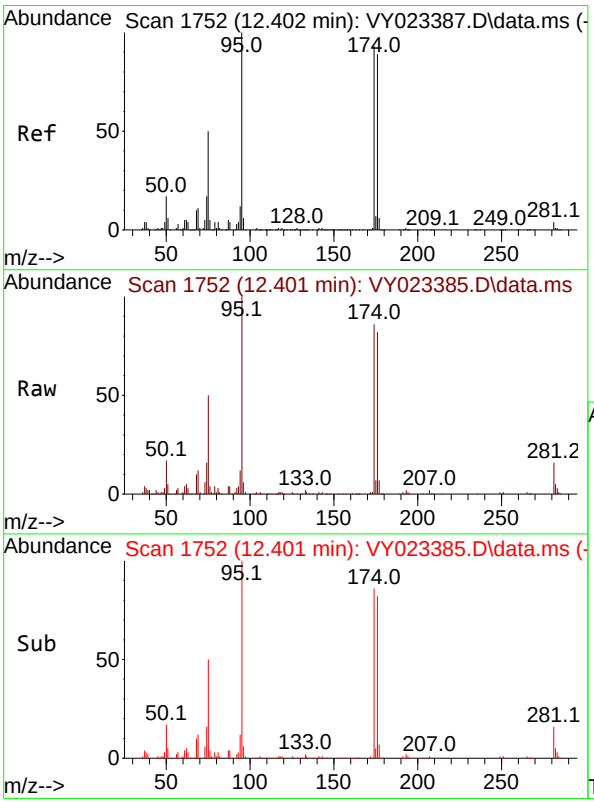
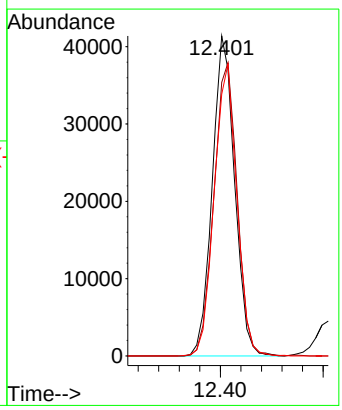


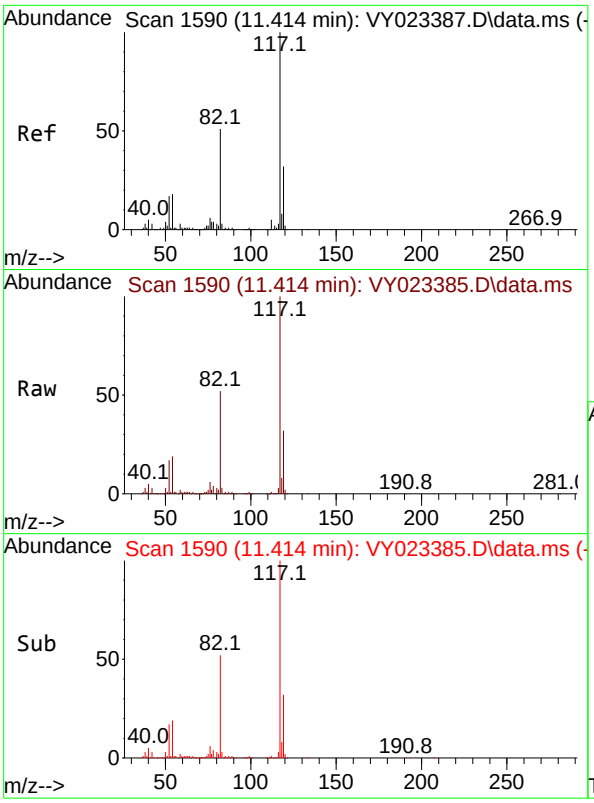


#62
4-Bromofluorobenzene
Concen: 10.235 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 95 Resp: 62601

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	192.8
176	92.1	0.0	187.6

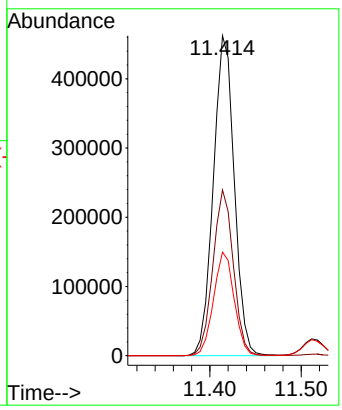




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:117 Resp: 73615

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.0	61.4
119	32.3	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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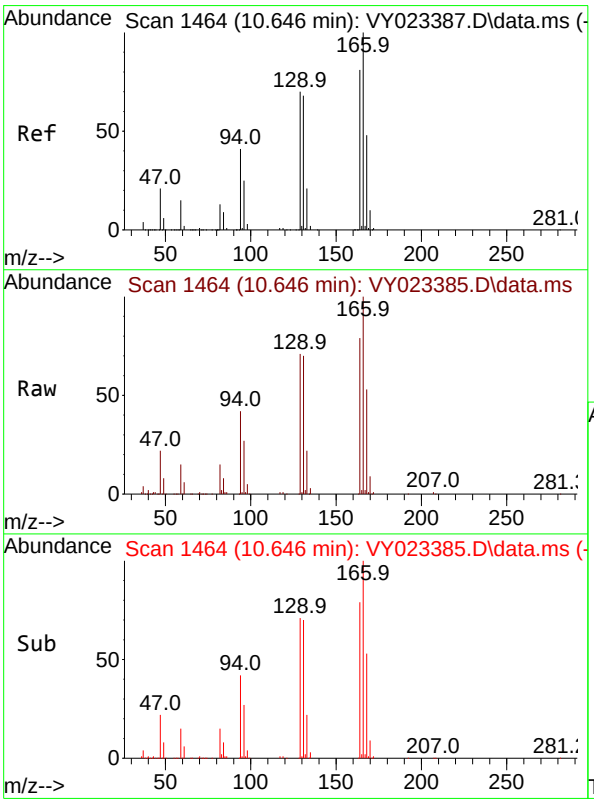
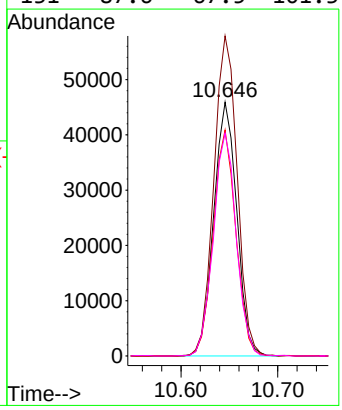
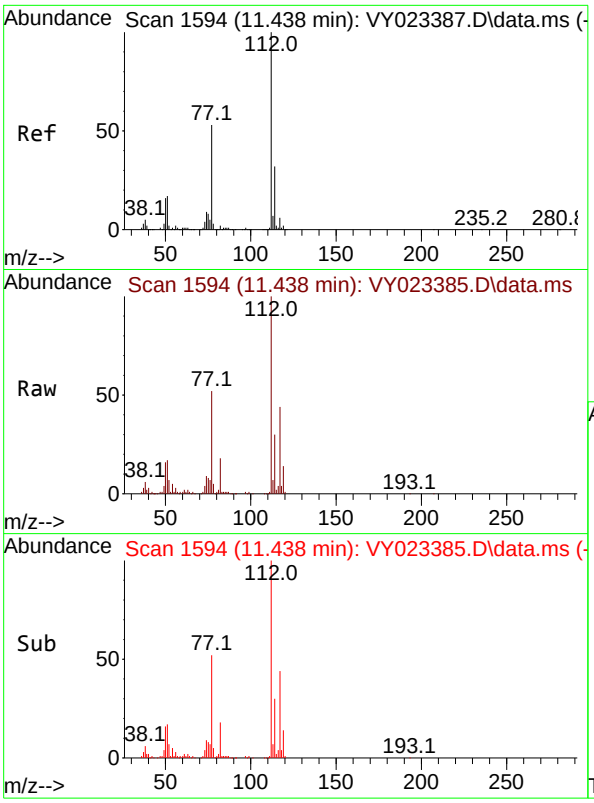


#64
Tetrachloroethene
Concen: 10.335 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:164 Resp: 76110

Ion	Ratio	Lower	Upper
164	100		
166	126.1	99.4	149.0
129	89.0	69.4	104.2
131	87.6	67.5	101.3

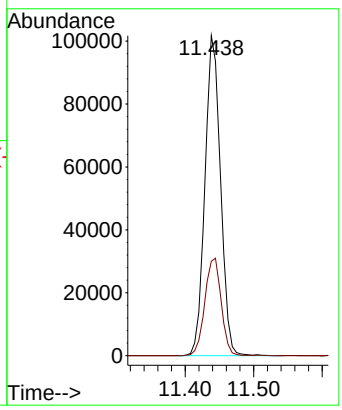




#65
Chlorobenzene
Concen: 10.074 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:112 Resp: 16115

Ion	Ratio	Lower	Upper
112	100		
114	29.5	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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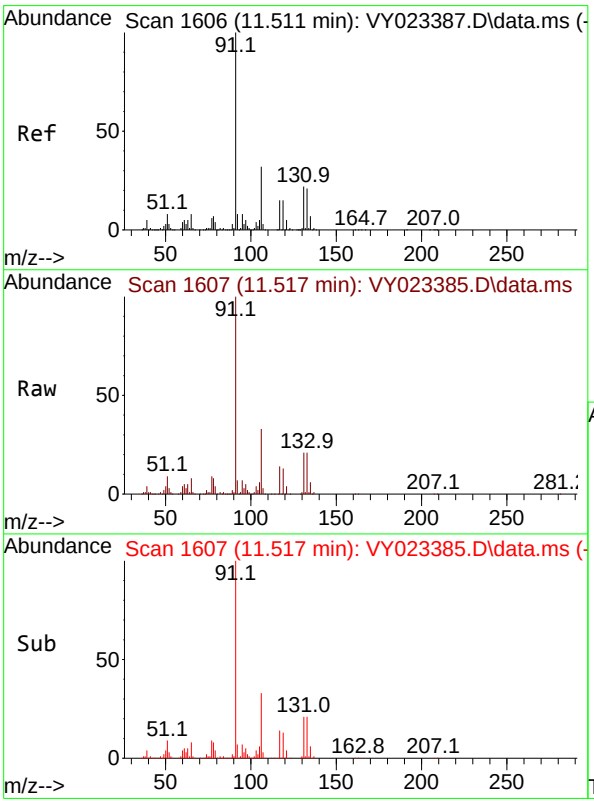
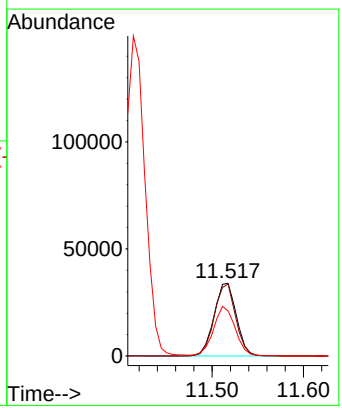
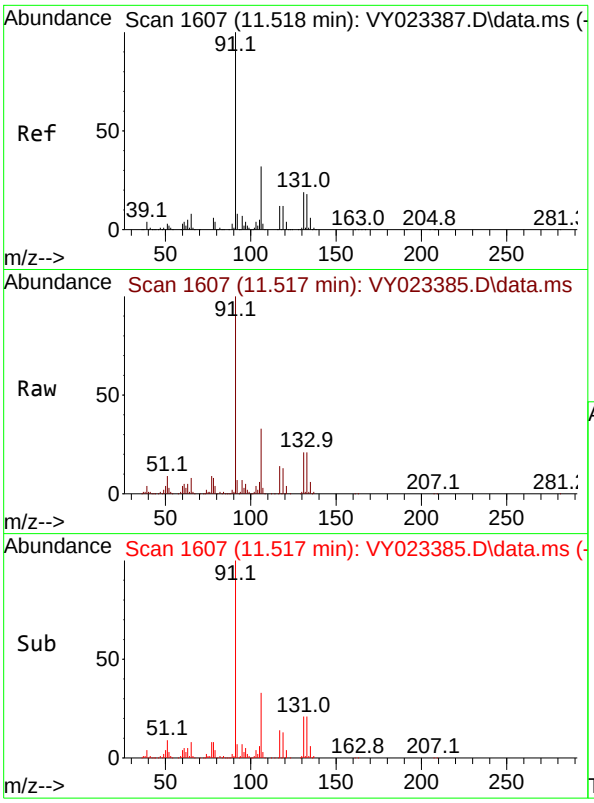


#66
1,1,1,2-Tetrachloroethane
Concen: 10.173 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:131 Resp: 57233

Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.4	145.2
119	66.9	32.4	97.2

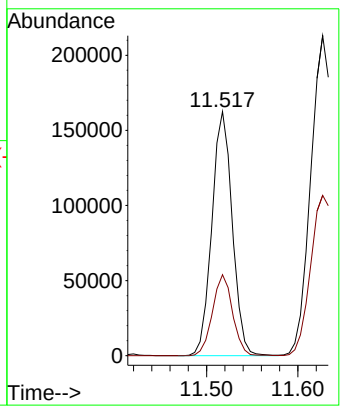




#67
Ethyl Benzene
Concen: 9.651 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 25195

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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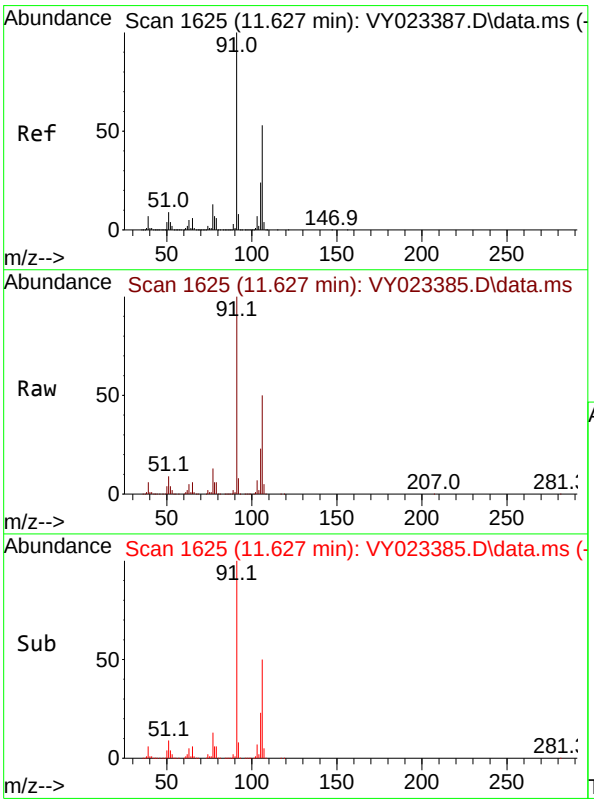
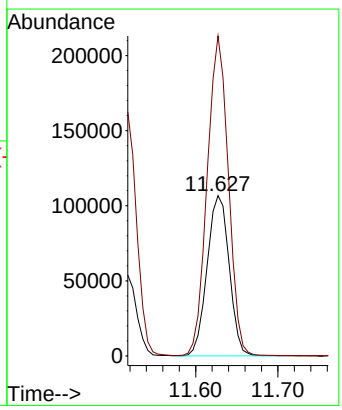
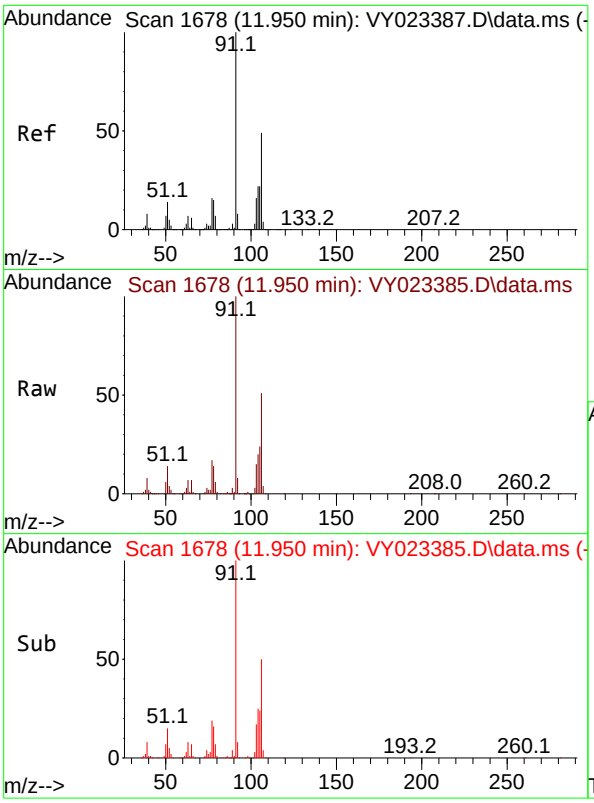


#68
m/p-Xylenes
Concen: 19.004 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:106 Resp: 198866

Ion	Ratio	Lower	Upper
106	100		
91	192.3	152.6	229.0

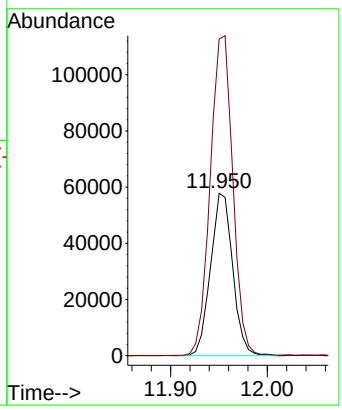




#69
o-Xylene
Concen: 9.467 ug/l
RT: 11.950 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:106 Resp: 9171(

Ion	Ratio	Lower	Upper
106	100		
91	202.0	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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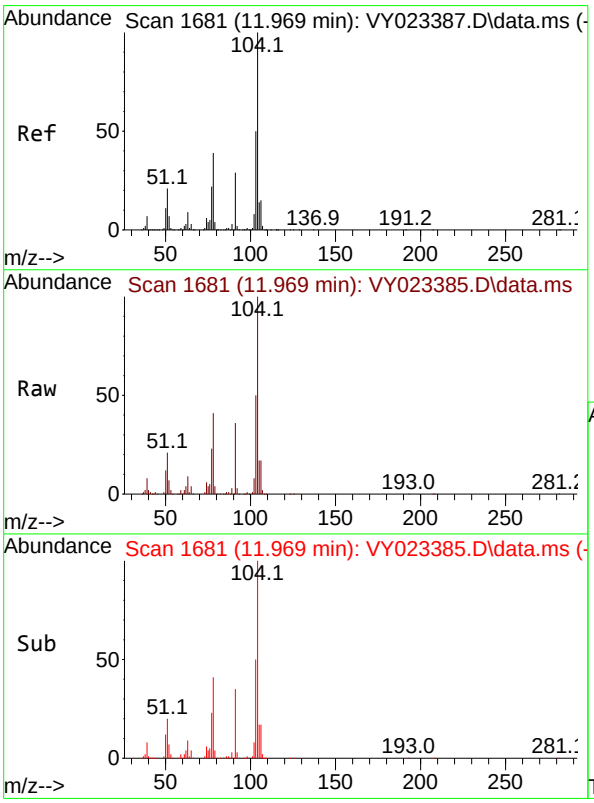
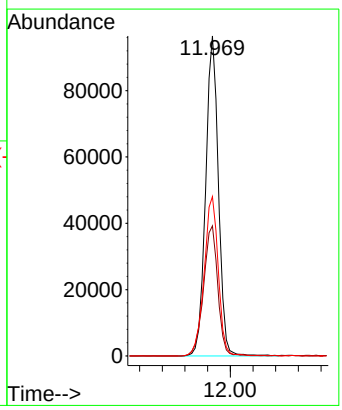
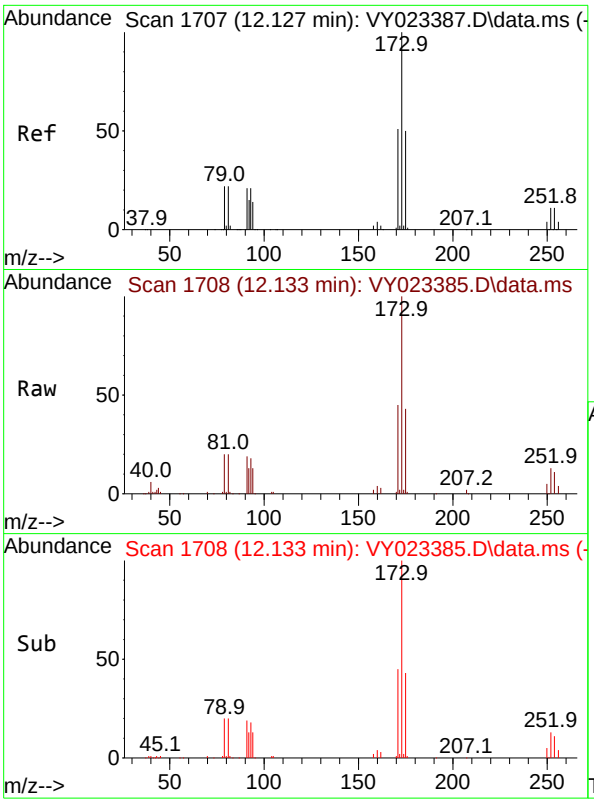


#70
Styrene
Concen: 9.446 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:104 Resp: 151094

Ion	Ratio	Lower	Upper
104	100		
78	45.4	36.1	54.1
103	55.0	43.2	64.8

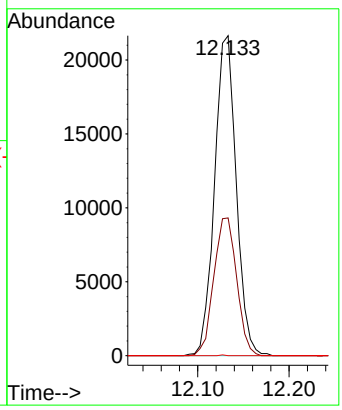




#71
Bromoform
Concen: 10.595 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:173 Resp: 3568

Ion	Ratio	Lower	Upper
173	100		
175	45.5	24.8	74.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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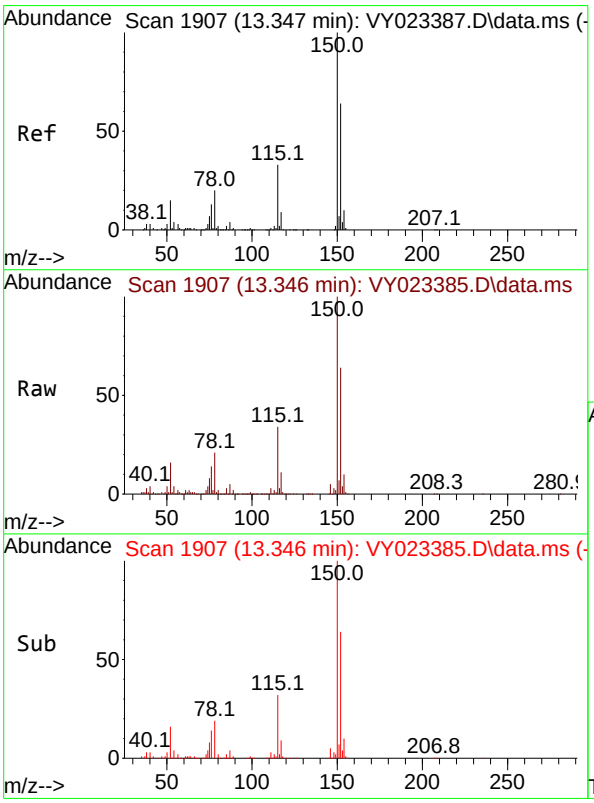
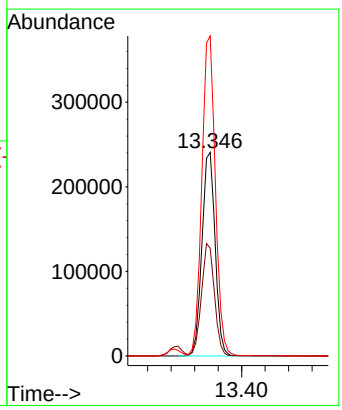
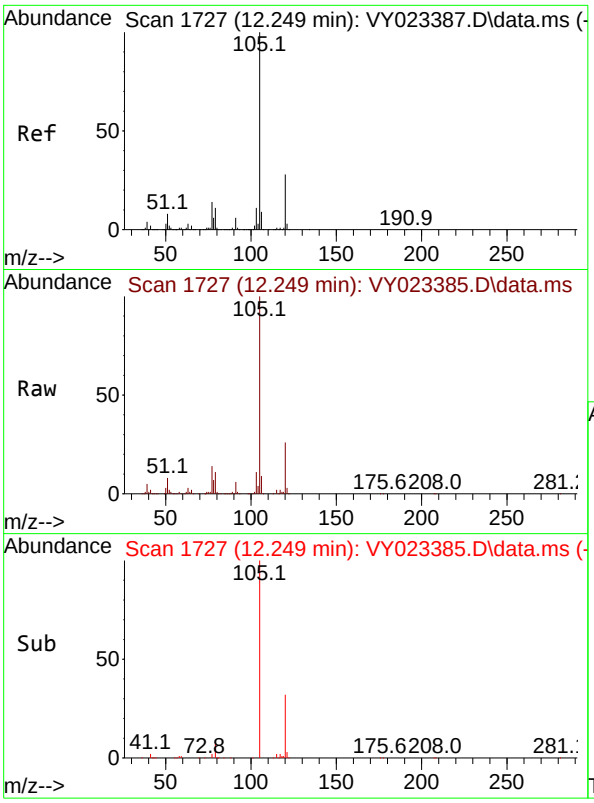


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:152 Resp: 374998

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.2
150	160.7	0.0	347.4

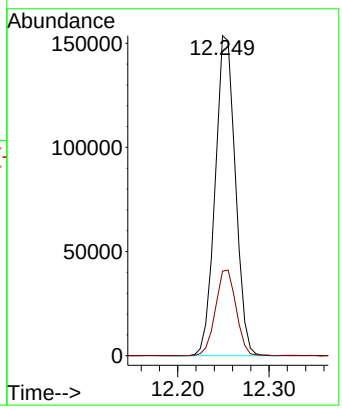




#73
Isopropylbenzene
Concen: 9.467 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 23648

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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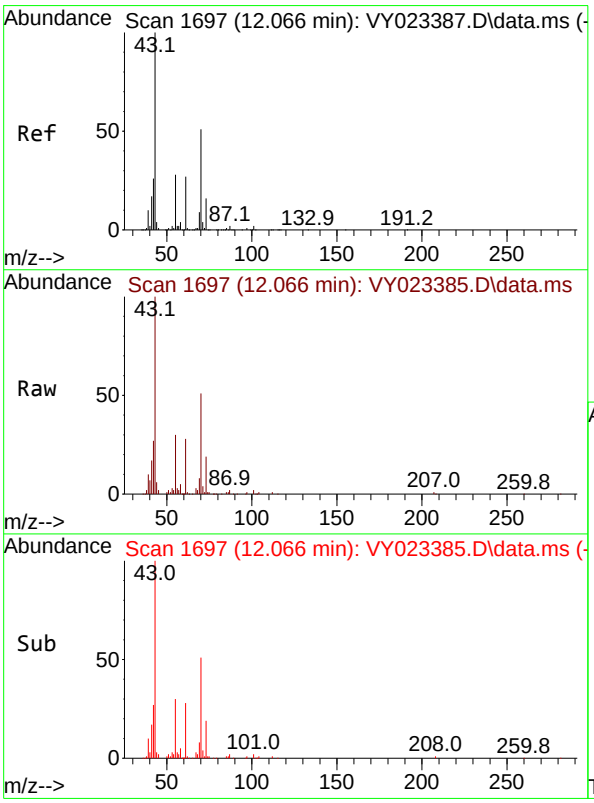
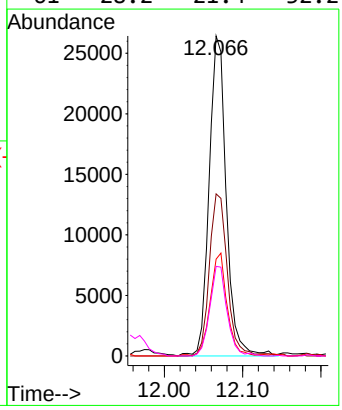
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

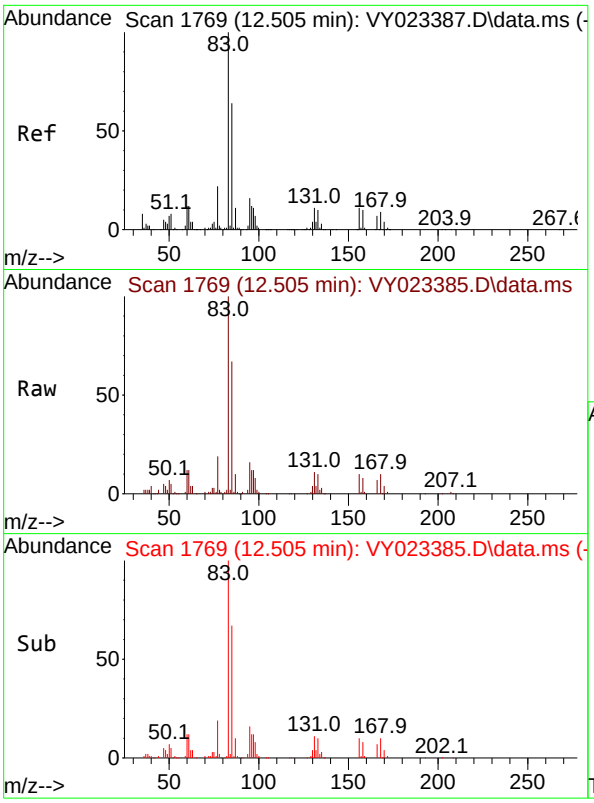


#74
N-amyl acetate
Concen: 8.590 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 40098

Ion	Ratio	Lower	Upper
43	100		
70	52.7	41.1	61.7
55	31.6	23.0	34.6
61	28.2	21.4	32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 9.871 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 83 Resp: 4113

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.9	17.6
85	66.1	31.8	95.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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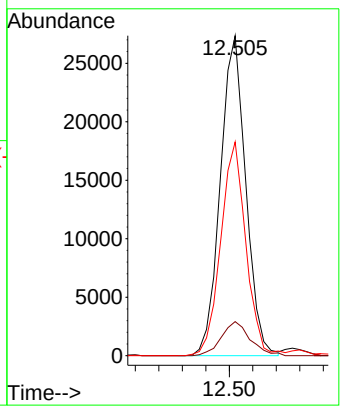
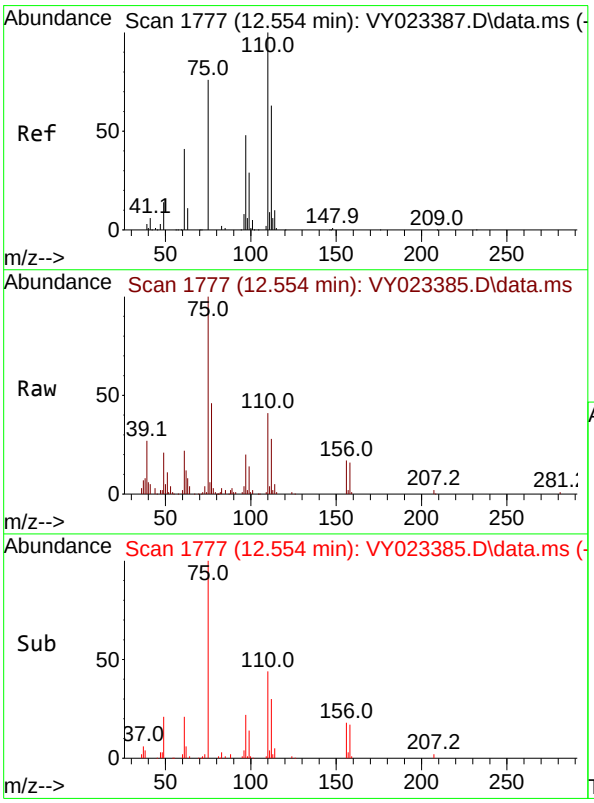
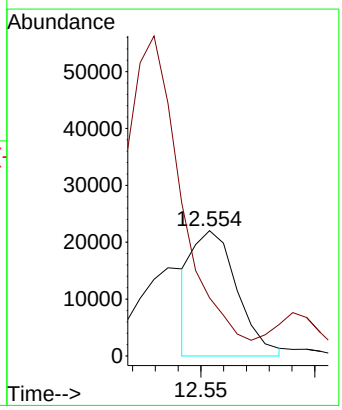


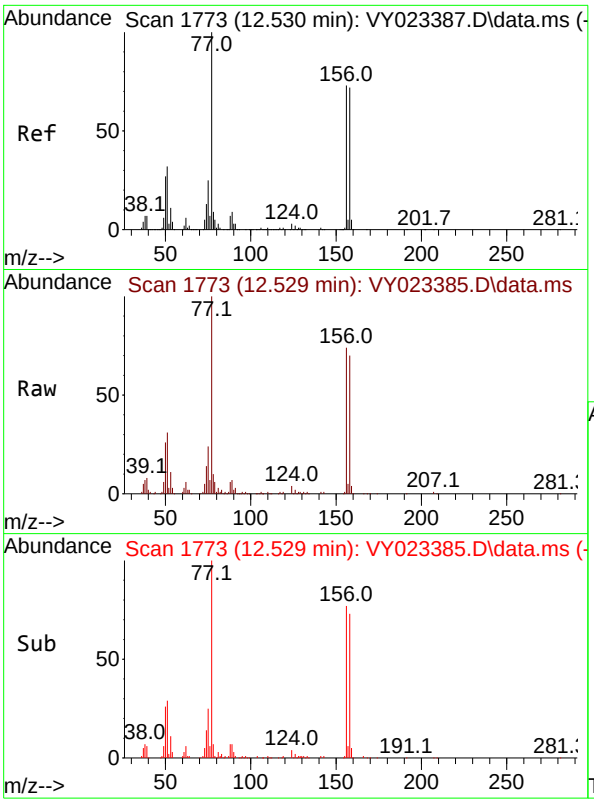


#76
1,2,3-Trichloropropane
Concen: 8.095 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 29944

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

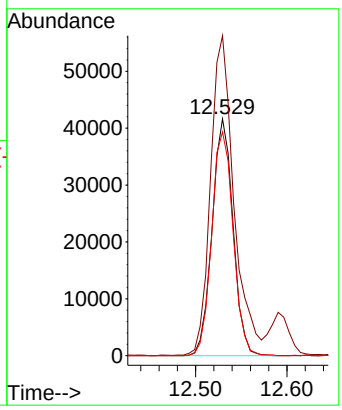




#77
Bromobenzene
Concen: 10.295 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:156 Resp: 6600

Ion	Ratio	Lower	Upper
156	100		
77	151.8	76.8	230.5
158	97.0	49.0	147.2



Instrument :
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ClientSampleId :
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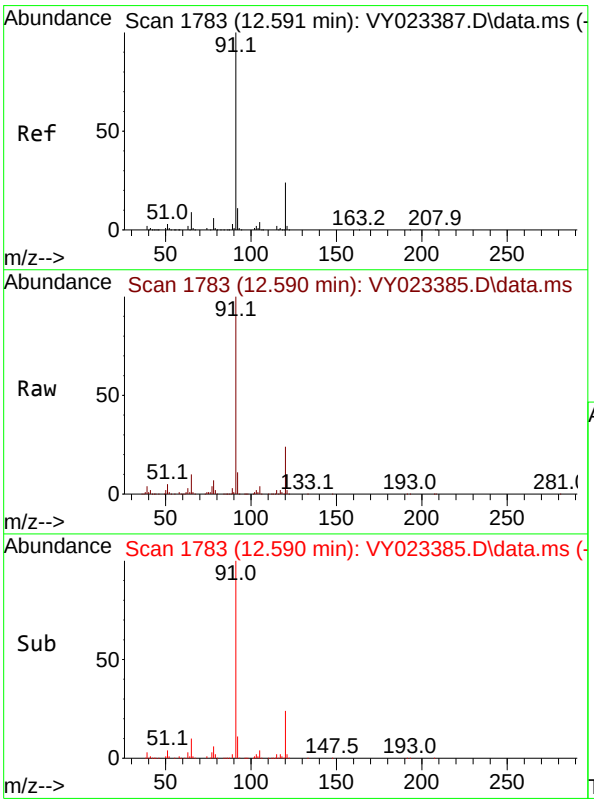
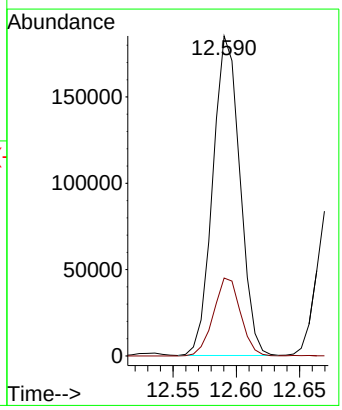
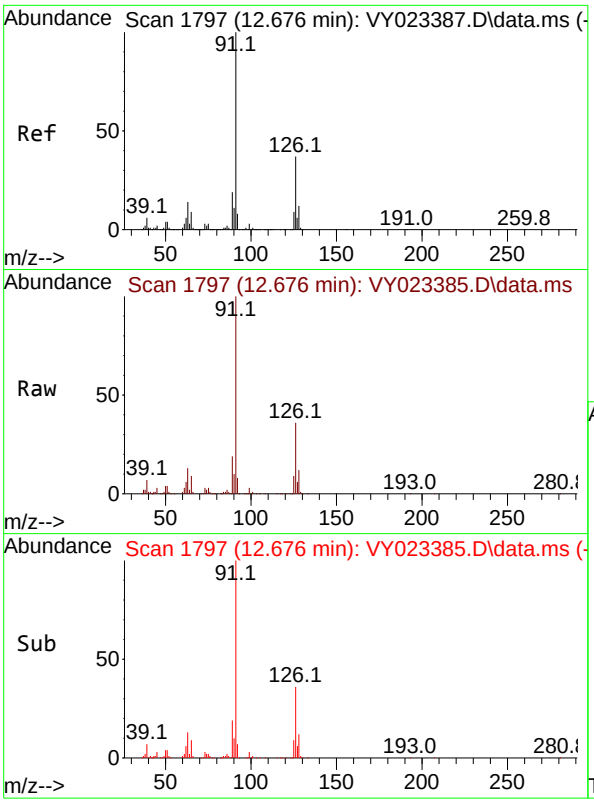


#78
n-propylbenzene
Concen: 9.384 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 275671

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.8

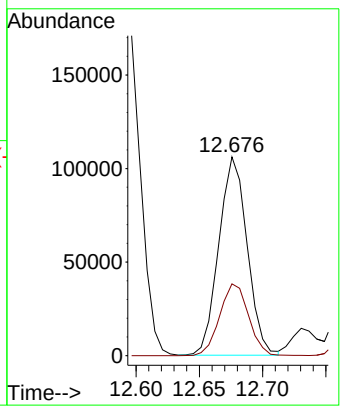




#79
2-Chlorotoluene
Concen: 9.762 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 16558

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5



Instrument :
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ClientSampleId :
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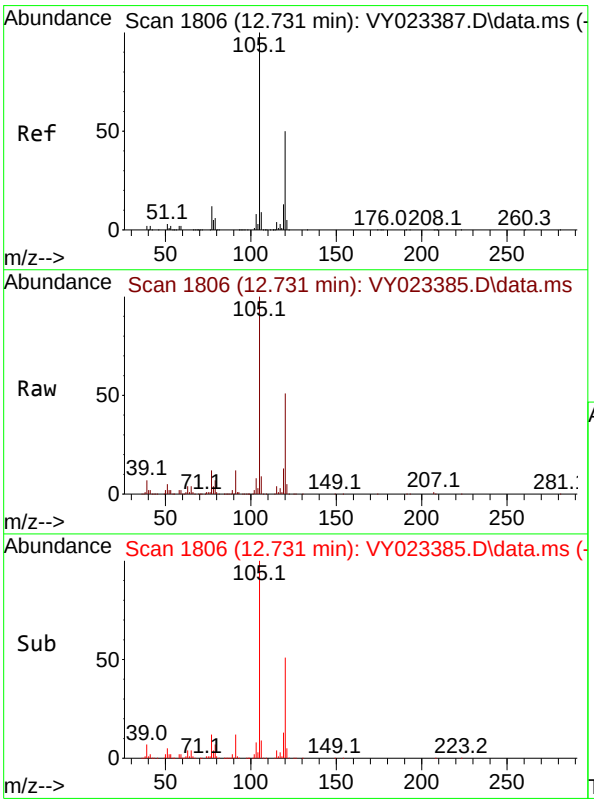
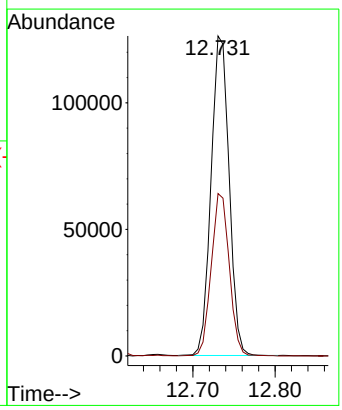
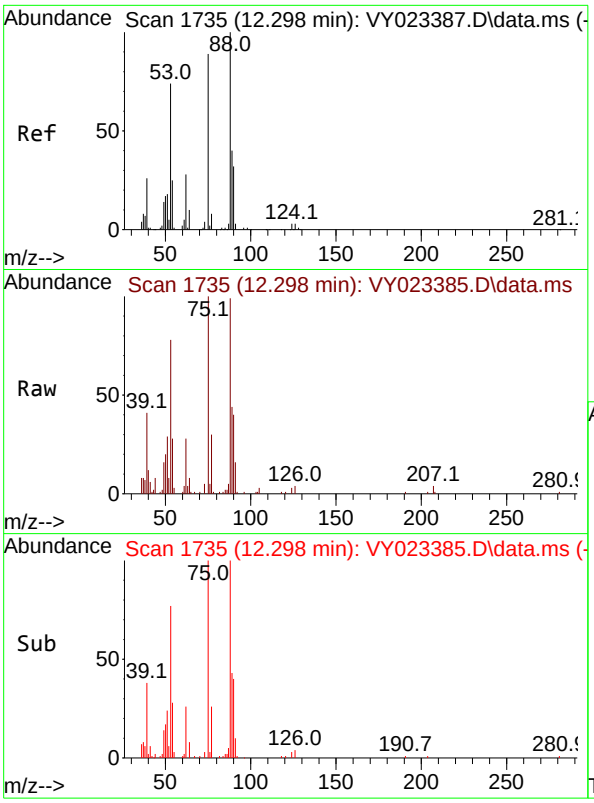


#80
1,3,5-Trimethylbenzene
Concen: 9.445 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 191799

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.4	76.4

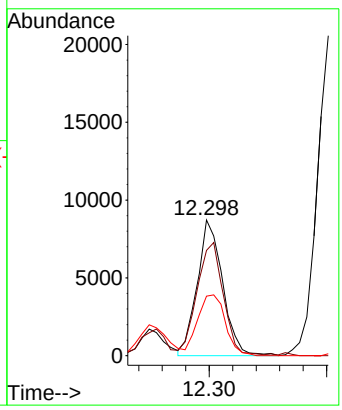




#81
trans-1,4-Dichloro-2-butene
Concen: 9.556 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 1311

Ion	Ratio	Lower	Upper
75	100		
53	84.6	68.6	102.8
89	48.5	39.0	58.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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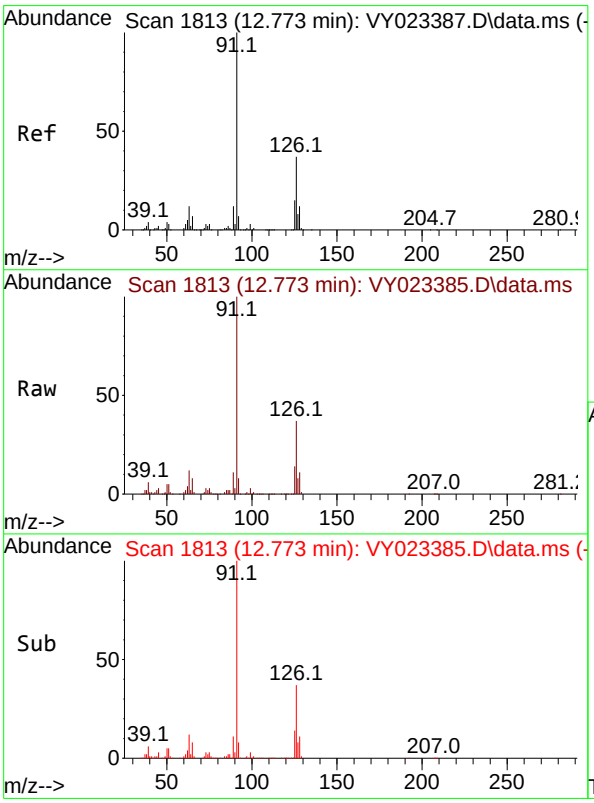
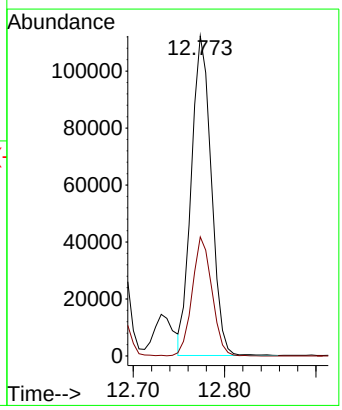
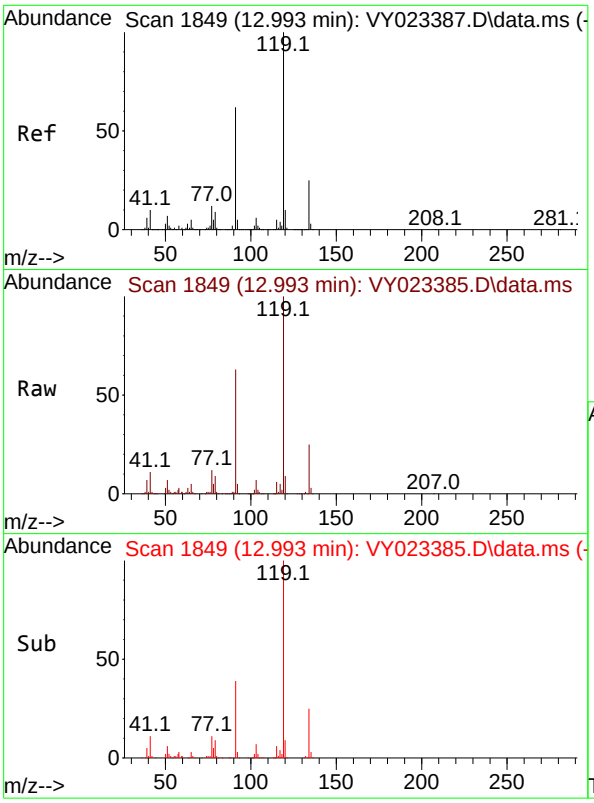


#82
4-Chlorotoluene
Concen: 9.595 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 169968

Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.4	55.4





#83
tert-Butylbenzene
Concen: 9.579 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:119 Resp: 17725

Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.9	89.8
134	25.6	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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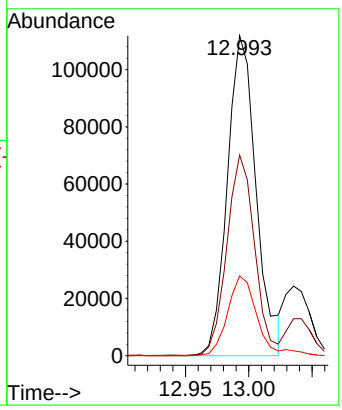
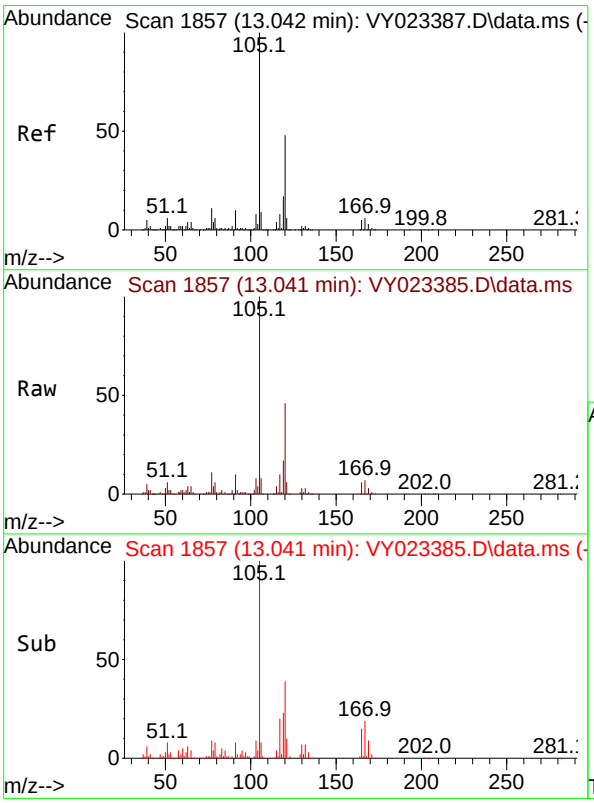
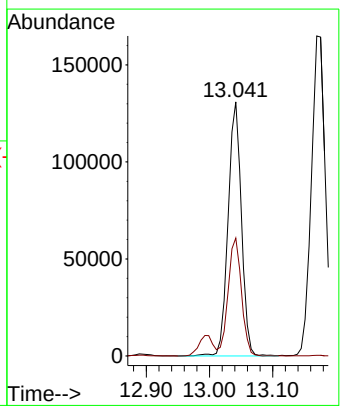


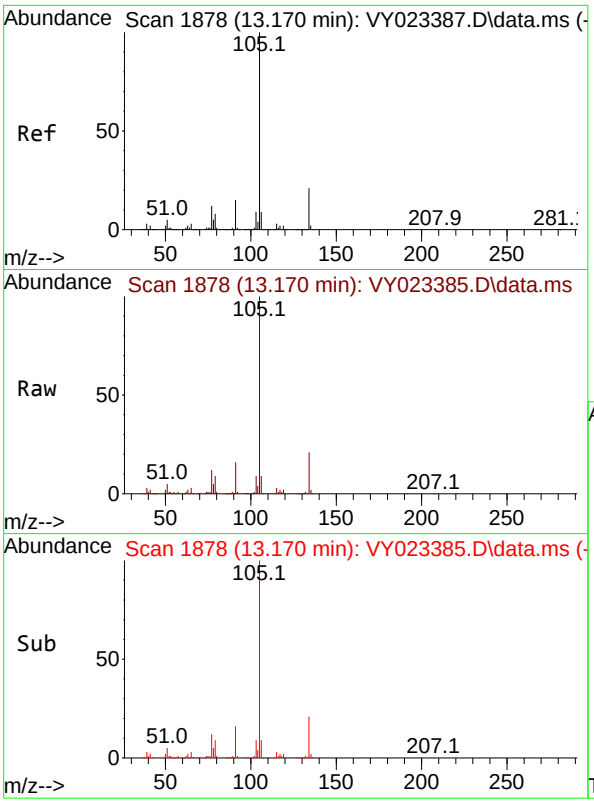


#84
1,2,4-Trimethylbenzene
Concen: 9.528 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 191423

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.8	71.2

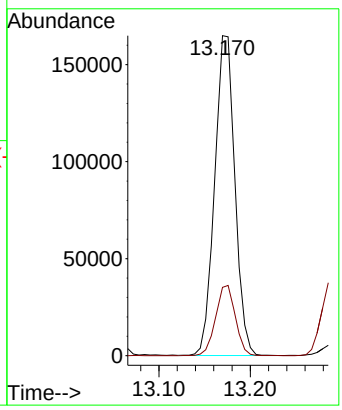




#85
sec-Butylbenzene
Concen: 9.483 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 25413

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1



Instrument :
MSVOA_Y
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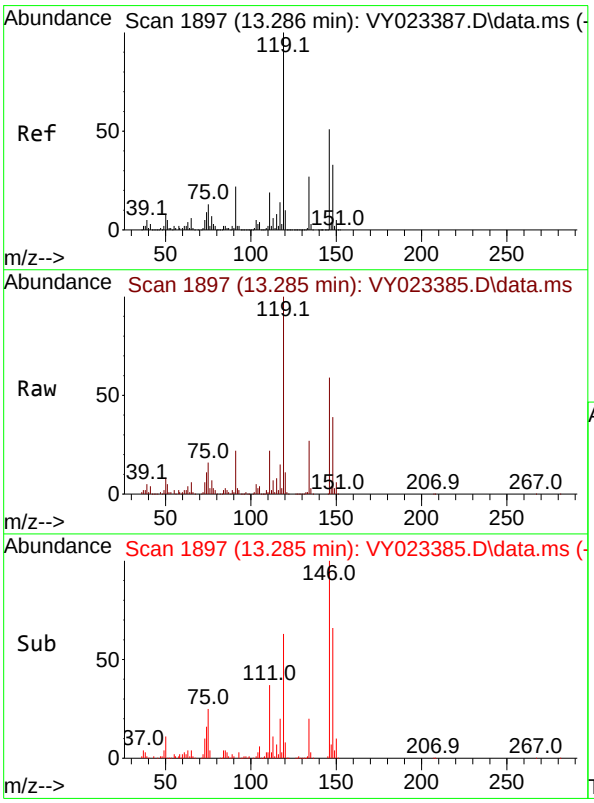
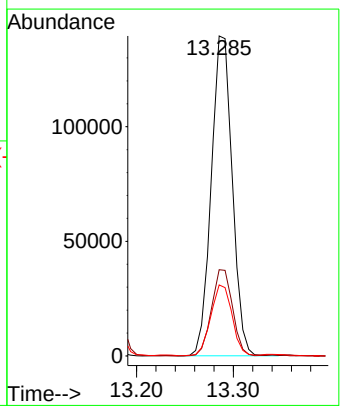
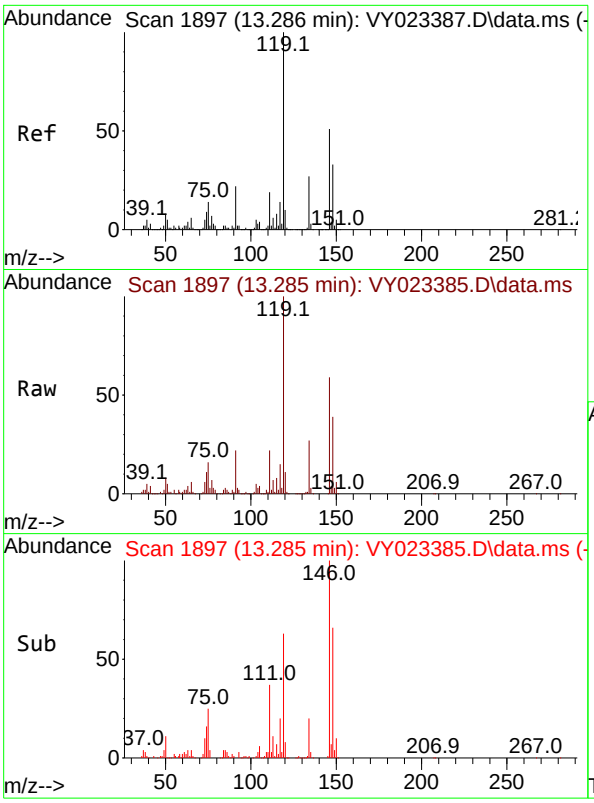


#86
p-Isopropyltoluene
Concen: 9.287 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:119 Resp: 210320

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.3	10.9	32.9

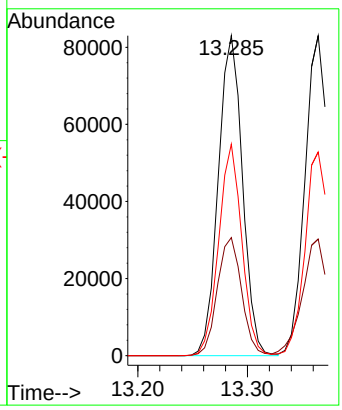




#87
1,3-Dichlorobenzene
Concen: 10.058 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:146 Resp: 12737

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.2	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
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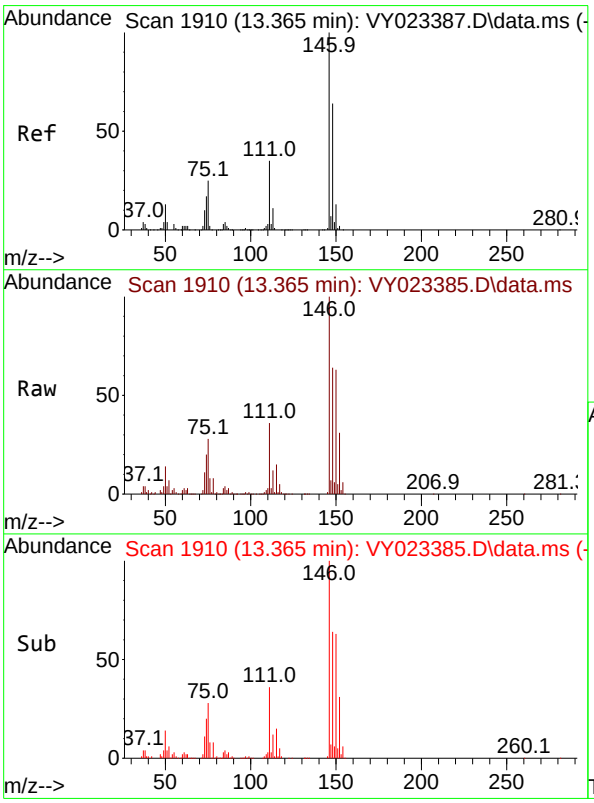
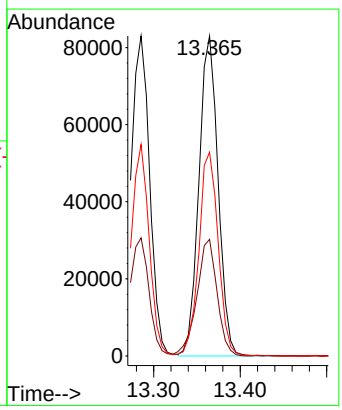
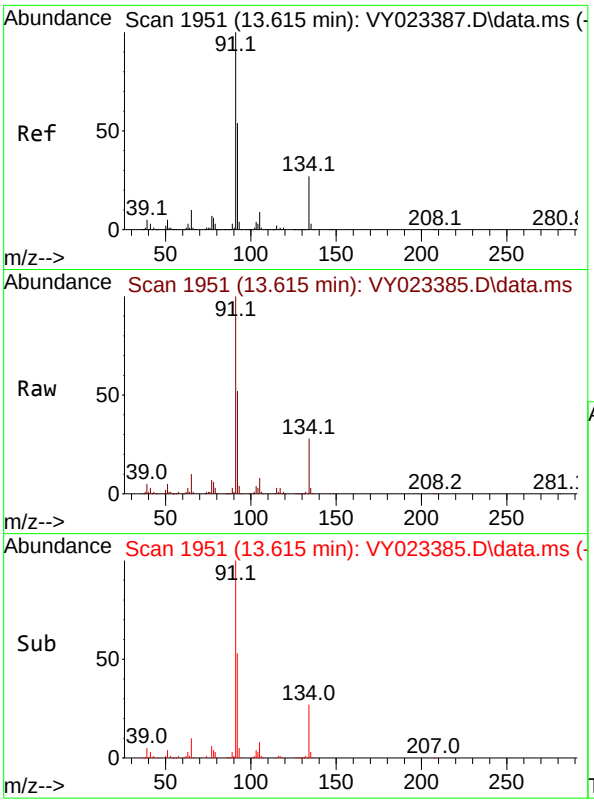


#88
1,4-Dichlorobenzene
Concen: 10.172 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:146 Resp: 127757

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.0	54.0
148	64.2	31.9	95.7

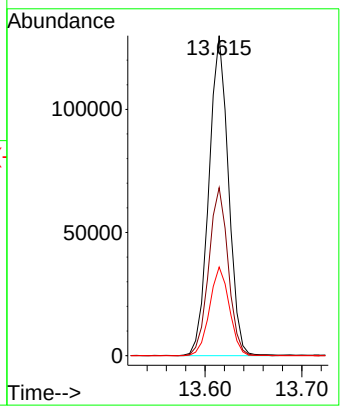




#89
n-Butylbenzene
Concen: 9.107 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 18211

Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.0	80.8
134	28.0	14.1	42.2



Instrument :
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ClientSampleId :
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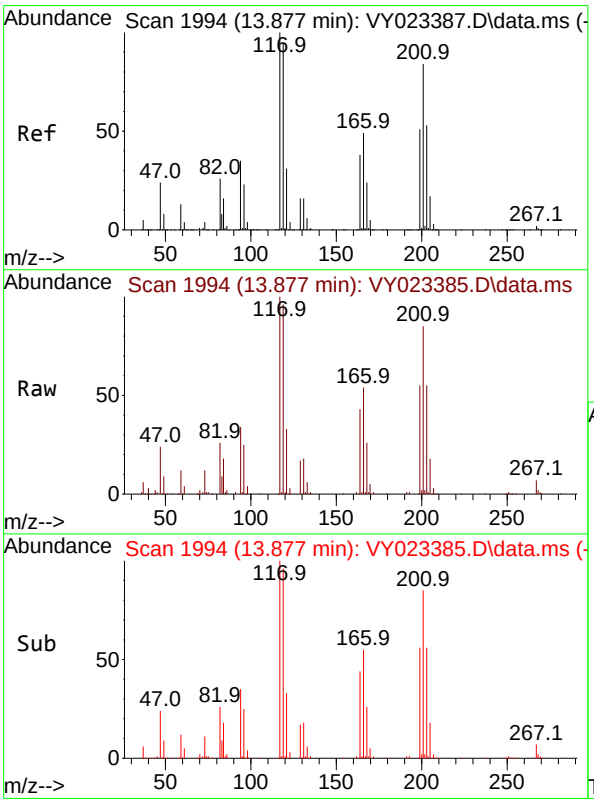
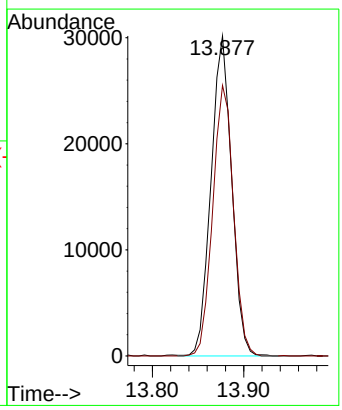
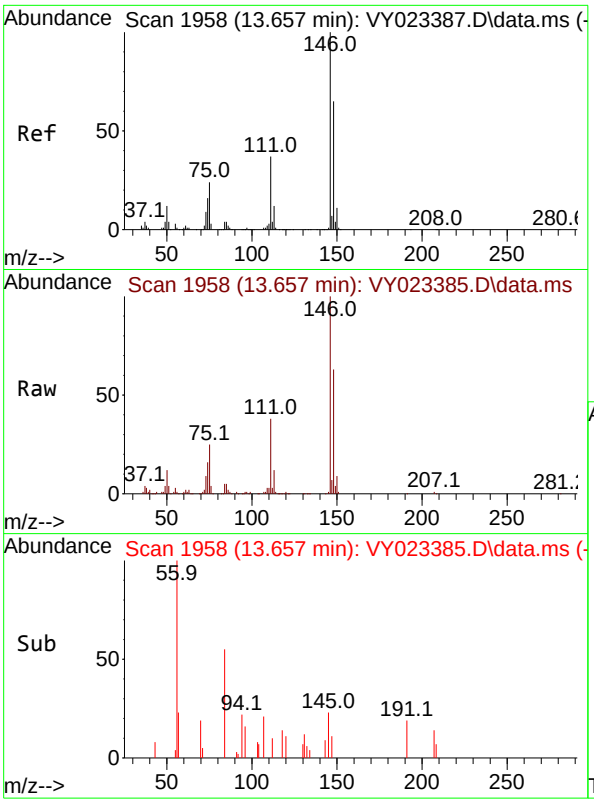


#90
Hexachloroethane
Concen: 9.630 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:117 Resp: 47355

Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.8	131.4

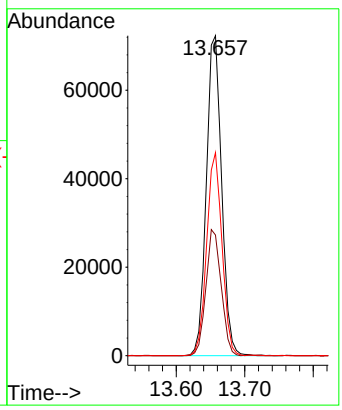




#91
1,2-Dichlorobenzene
Concen: 10.165 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:146 Resp: 11232

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.0	57.0
148	63.4	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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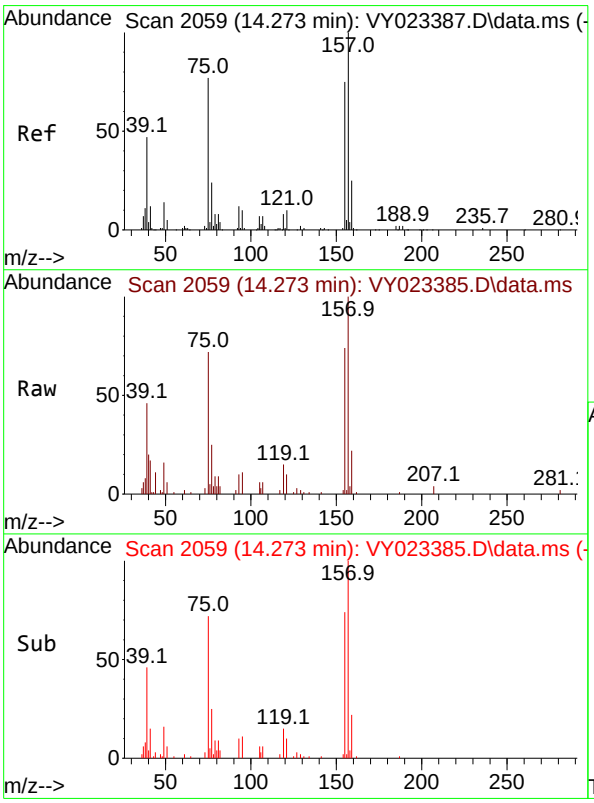
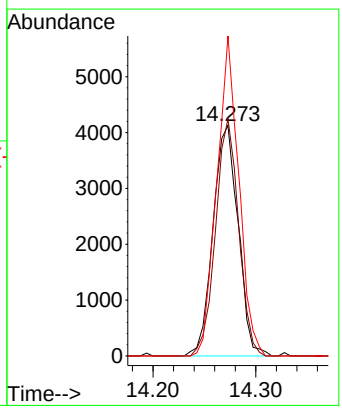
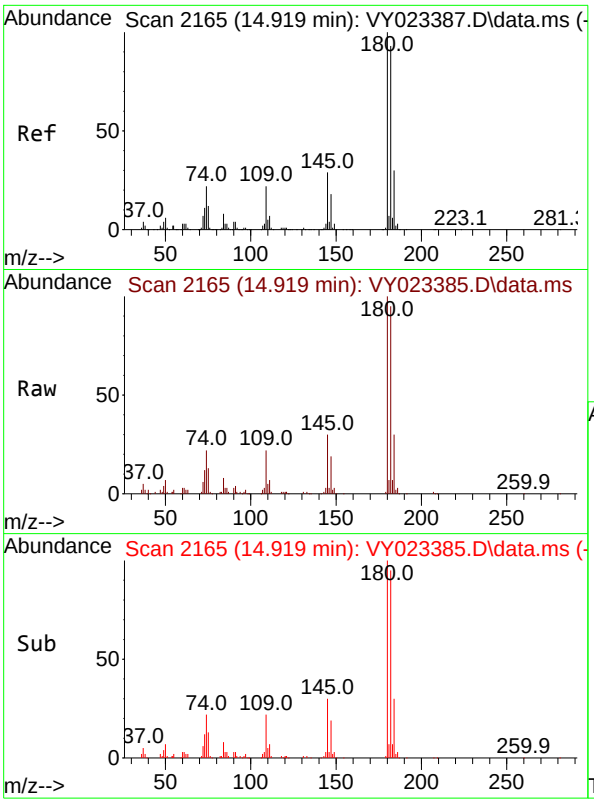


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.608 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 7005

Ion	Ratio	Lower	Upper
75	100		
155	94.2	50.0	150.0
157	121.7	63.8	191.5

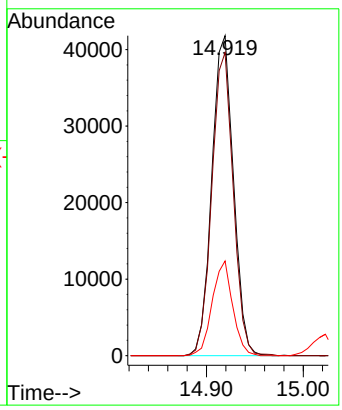




#93
1,2,4-Trichlorobenzene
Concen: 9.992 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:180 Resp: 6505

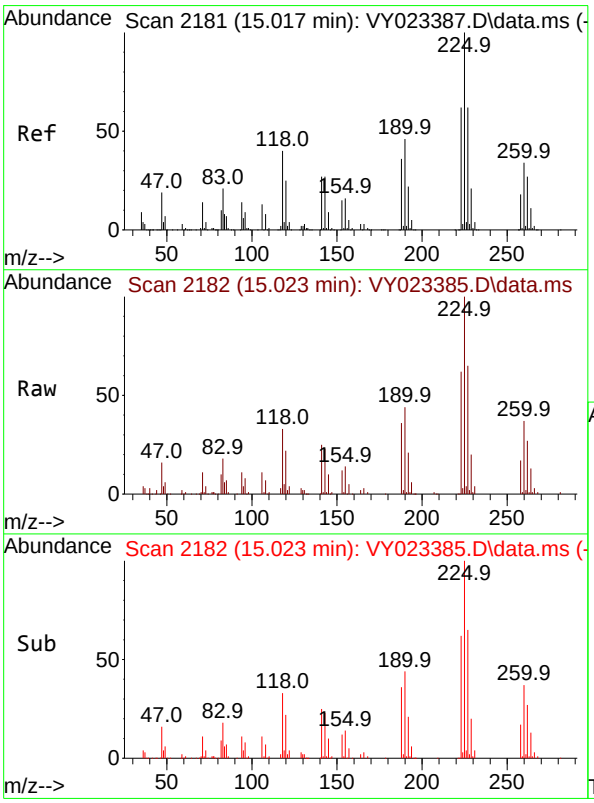
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.6
145	27.9	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

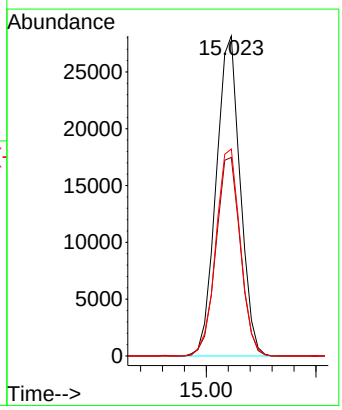
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

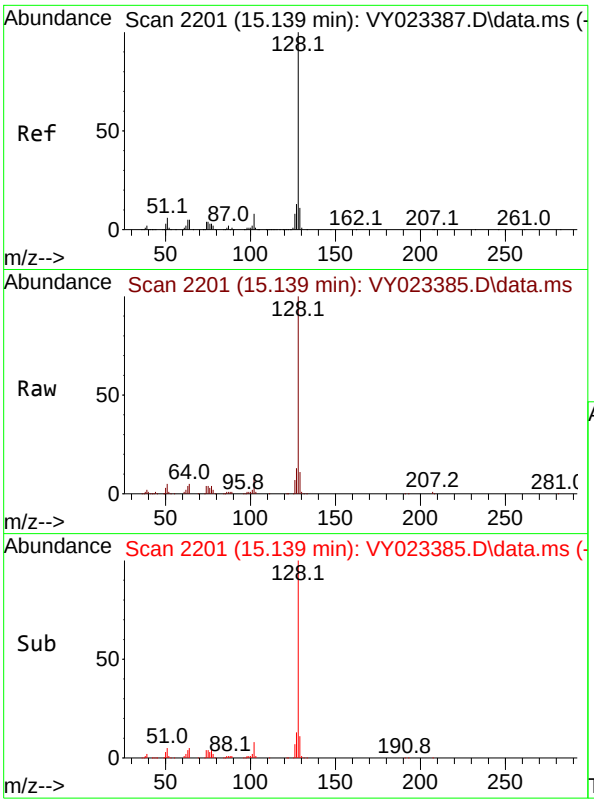


#94
Hexachlorobutadiene
Concen: 10.554 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:225 Resp: 42813

Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.8	92.3
227	66.0	31.9	95.7

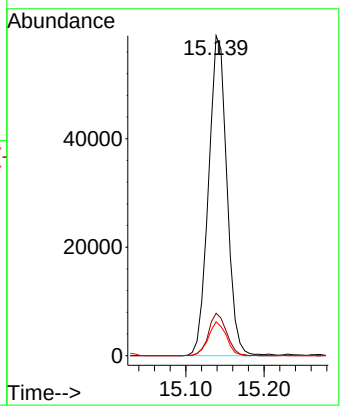




#95
Naphthalene
Concen: 9.264 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:128 Resp: 9609

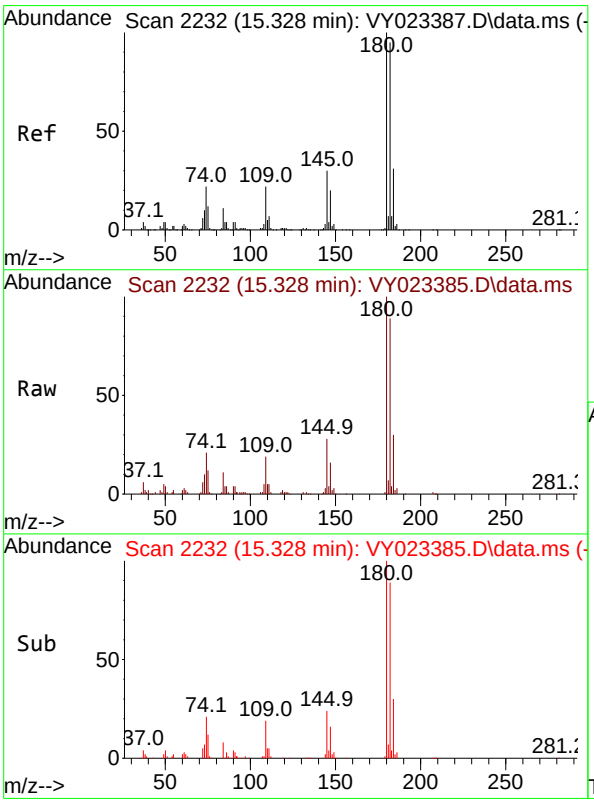
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

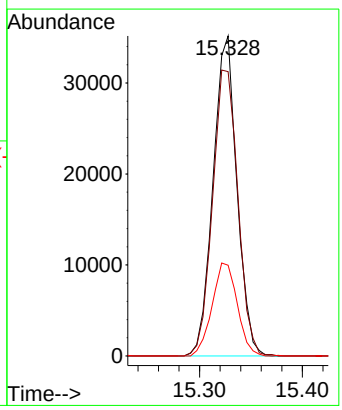
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 10.004 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:180 Resp: 56499

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.8
145	30.8	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	851961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	746872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	382604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98481	19.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 39.600%#			
35) Dibromofluoromethane	7.634	113	108034	20.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 41.800%#			
50) Toluene-d8	10.103	98	401067	20.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 41.140%#			
62) 4-Bromofluorobenzene	12.401	95	127216	20.680	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 41.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	91924	20.318	ug/l	98
3) Chloromethane	2.074	50	117585	18.284	ug/l	100
4) Vinyl Chloride	2.202	62	151460	18.652	ug/l	99
5) Bromomethane	2.586	94	125948	18.907	ug/l	97
6) Chloroethane	2.732	64	103973	18.859	ug/l	94
7) Trichlorofluoromethane	3.049	101	217452	20.846	ug/l	99
8) Diethyl Ether	3.452	74	54124	19.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	109936	19.718	ug/l	99
10) Methyl Iodide	4.007	142	119083	18.482	ug/l	99
11) Tert butyl alcohol	4.854	59	34346	117.345	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104778	19.531	ug/l	98
13) Acrolein	3.653	56	48115	97.023	ug/l	98
14) Allyl chloride	4.384	41	125424	18.674	ug/l	98
15) Acrylonitrile	5.055	53	99018	92.641	ug/l	100
16) Acetone	3.866	43	108209	96.742	ug/l	96
17) Carbon Disulfide	4.104	76	303284	18.121	ug/l	99
18) Methyl Acetate	4.384	43	59704	21.002	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	247030	19.667	ug/l	97
20) Methylene Chloride	4.616	84	132229	21.801	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	116410	19.512	ug/l	95
22) Diisopropyl ether	6.018	45	288429	19.366	ug/l	98
23) Vinyl Acetate	5.957	43	748048	91.373	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190012	19.354	ug/l	99
25) 2-Butanone	6.896	43	132159	95.593	ug/l	93
26) 2,2-Dichloropropane	6.884	77	167903	19.247	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	133634	19.747	ug/l	99
28) Bromochloromethane	7.244	49	73407	19.273	ug/l	98
29) Tetrahydrofuran	7.262	42	76502	93.229	ug/l	99
30) Chloroform	7.421	83	207096	19.562	ug/l	100
31) Cyclohexane	7.701	56	160159	18.472	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	188861	19.873	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140912	19.317	ug/l	100
37) Ethyl Acetate	6.982	43	55705	19.315	ug/l	98
38) Carbon Tetrachloride	7.817	117	171925	20.289	ug/l	99
39) Methylcyclohexane	9.109	83	182831	19.576	ug/l	99
40) Benzene	8.079	78	450471	19.809	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	31129m	20.783	ug/l		
42) 1,2-Dichloroethane	8.158	62	116941	20.206	ug/l		99
43) Isopropyl Acetate	8.195	43	106595	19.002	ug/l	#	87
44) Trichloroethene	8.865	130	131459	20.598	ug/l		98
45) 1,2-Dichloropropane	9.140	63	99363	19.417	ug/l		98
46) Dibromomethane	9.231	93	62277	19.896	ug/l		98
47) Bromodichloromethane	9.420	83	156426	19.854	ug/l		98
48) Methyl methacrylate	9.219	41	50661	19.352	ug/l		99
49) 1,4-Dioxane	9.225	88	13636	420.712	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	274059	95.378	ug/l		100
52) Toluene	10.170	92	291453	20.191	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	132848	19.632	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	158580	19.606	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	82183	19.740	ug/l		96
56) Ethyl methacrylate	10.438	69	89244	18.613	ug/l		99
57) 1,3-Dichloropropane	10.719	76	130650	19.389	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	190850m	90.982	ug/l		
59) 2-Hexanone	10.761	43	187387	94.190	ug/l		99
60) Dibromochloromethane	10.908	129	115907	20.412	ug/l		100
61) 1,2-Dibromoethane	11.011	107	78579	20.062	ug/l		100
64) Tetrachloroethene	10.646	164	167648	22.438	ug/l		97
65) Chlorobenzene	11.438	112	326360	20.109	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116412	20.396	ug/l		99
67) Ethyl Benzene	11.517	91	523606	19.768	ug/l		99
68) m/p-Xylenes	11.627	106	426913	40.211	ug/l		100
69) o-Xylene	11.956	106	195021	19.843	ug/l		96
70) Styrene	11.968	104	327934	20.208	ug/l		99
71) Bromoform	12.133	173	71119	20.814	ug/l	#	99
73) Isopropylbenzene	12.255	105	513183	20.136	ug/l		99
74) N-amyl acetate	12.072	43	85063	17.860	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76821	18.069	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	74100m	19.634	ug/l		
77) Bromobenzene	12.529	156	135402	20.700	ug/l		98
78) n-propylbenzene	12.596	91	597829	19.945	ug/l		100
79) 2-Chlorotoluene	12.676	91	349203	20.179	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	418684	20.208	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	26922	19.234	ug/l		98
82) 4-Chlorotoluene	12.773	91	361458	20.000	ug/l		99
83) tert-Butylbenzene	12.993	119	377277	19.983	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	413292	20.162	ug/l		100
85) sec-Butylbenzene	13.176	105	546582	19.990	ug/l		100
86) p-Isopropyltoluene	13.291	119	464005	20.081	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	262901	20.347	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	259217	20.230	ug/l		99
89) n-Butylbenzene	13.615	91	401893	19.697	ug/l		98
90) Hexachloroethane	13.877	117	98983	19.730	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	231199	20.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12668	18.802	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	137963	20.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	87575	21.159	ug/l		99
95) Naphthalene	15.145	128	206017	19.467	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	121656	21.113	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 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

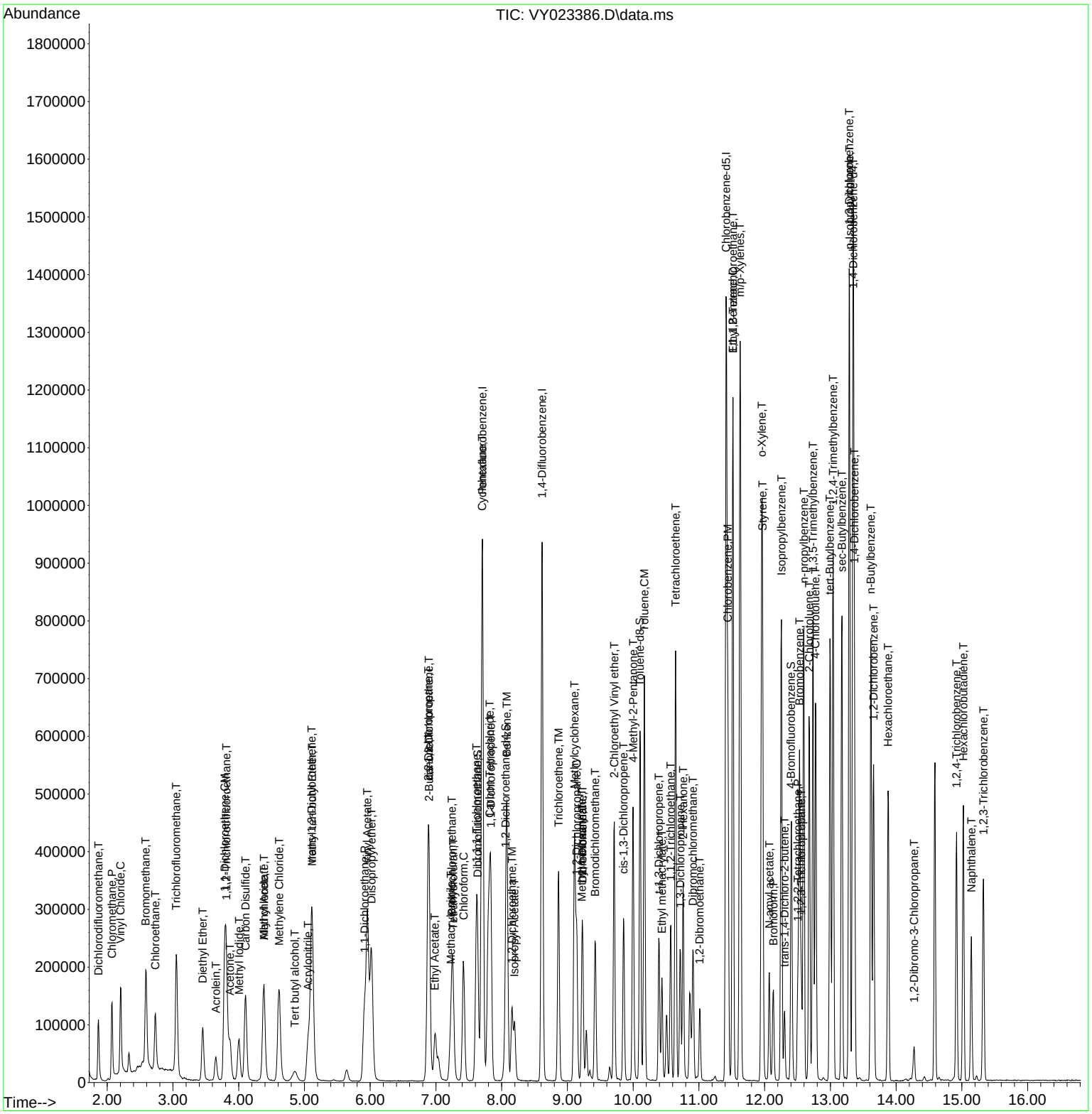
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

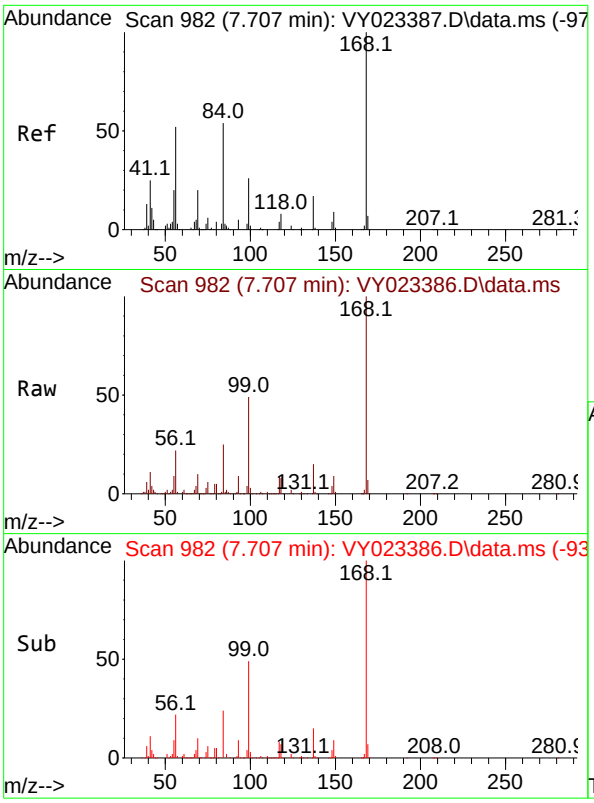
Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

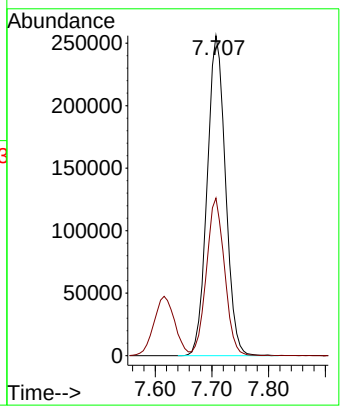




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:168 Resp: 57436

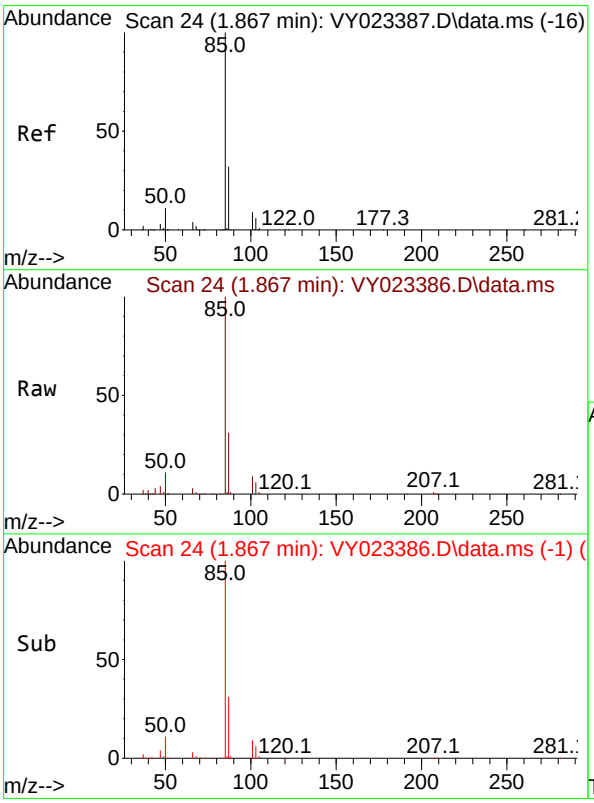
Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

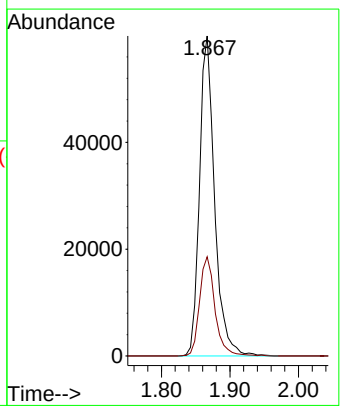
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

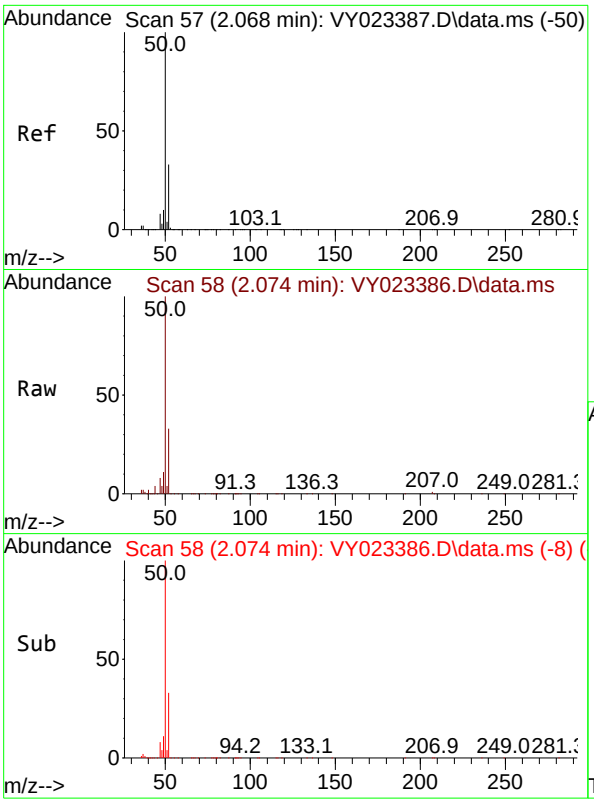


#2
Dichlorodifluoromethane
Concen: 20.318 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 85 Resp: 91924

Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.0	47.9

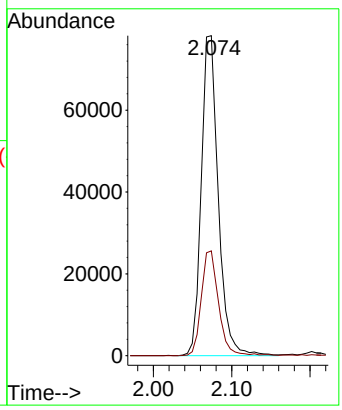




#3
Chloromethane
Concen: 18.284 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 50 Resp: 11758

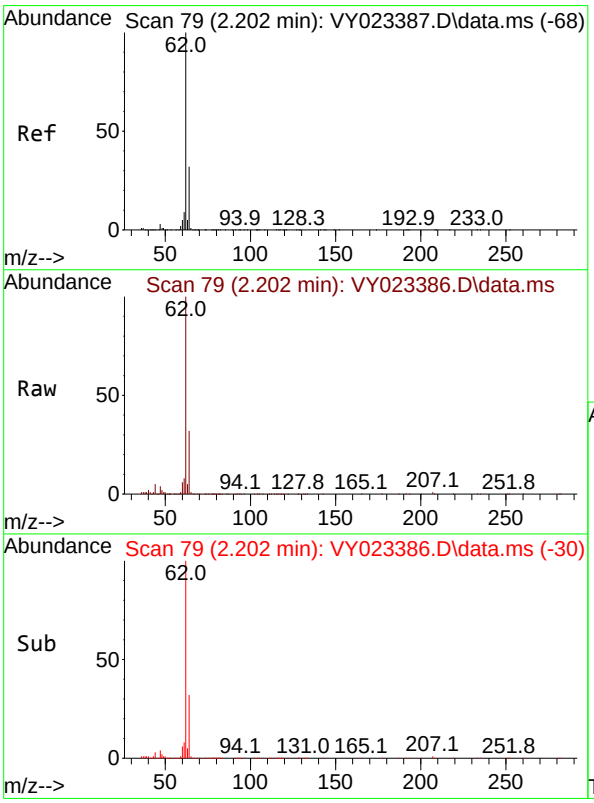
Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

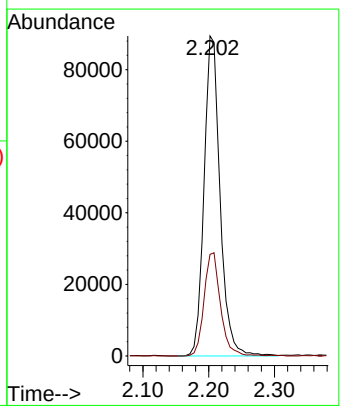
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

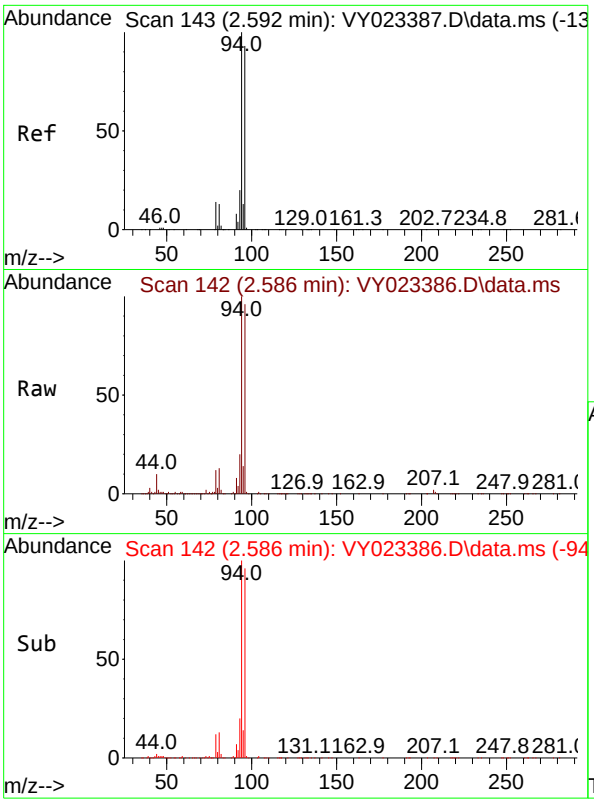


#4
Vinyl Chloride
Concen: 18.652 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 62 Resp: 151460

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.8	38.8

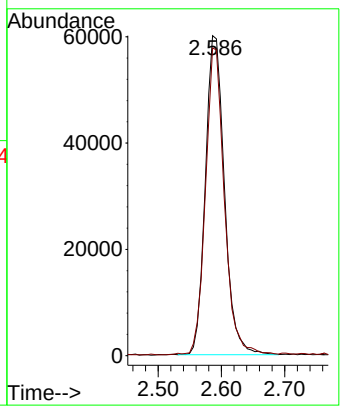




#5
Bromomethane
Concen: 18.907 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 94 Resp: 12594

Ion	Ratio	Lower	Upper
94	100		
96	95.9	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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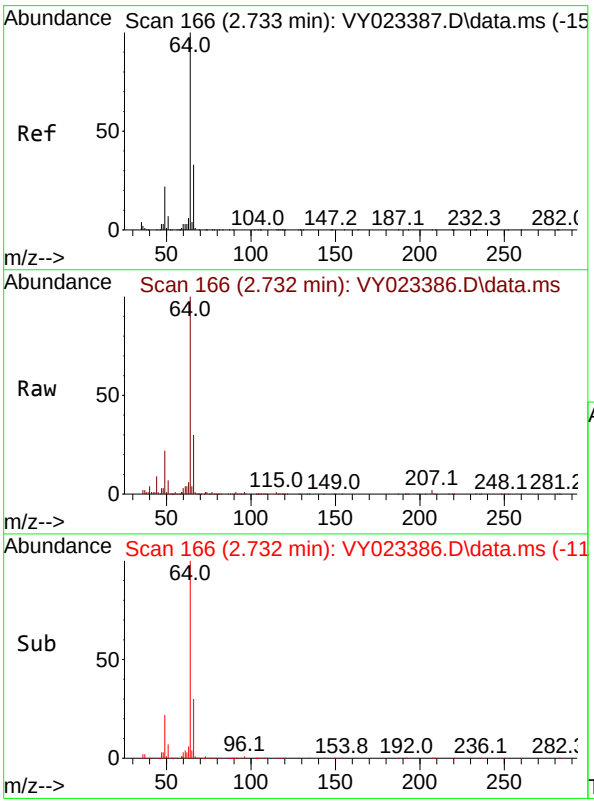
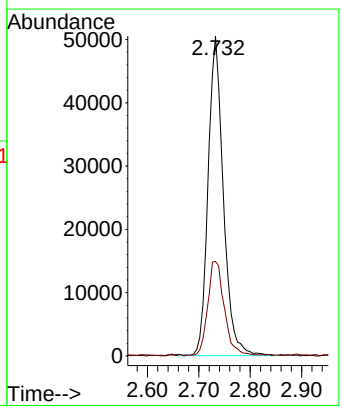
Supervised By :Mahesh Dadoda 10/10/2025

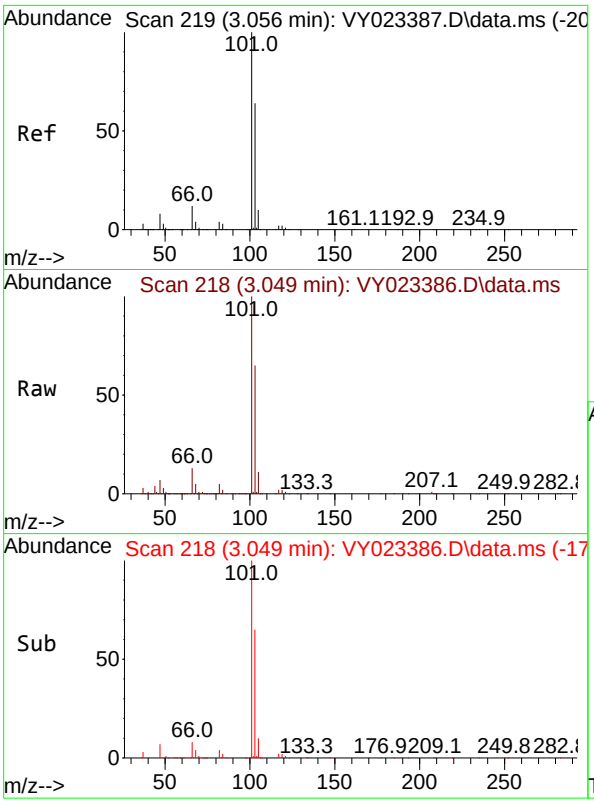


#6
Chloroethane
Concen: 18.859 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 64 Resp: 103973

Ion	Ratio	Lower	Upper
64	100		
66	29.3	26.2	39.4





#7
Trichlorofluoromethane
Concen: 20.846 ug/l
RT: 3.049 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:101 Resp: 21745

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

Instrument :
MSVOA_Y
ClientSampleId :
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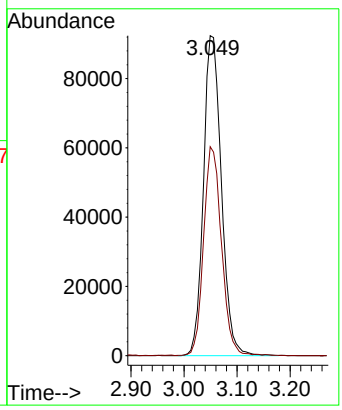
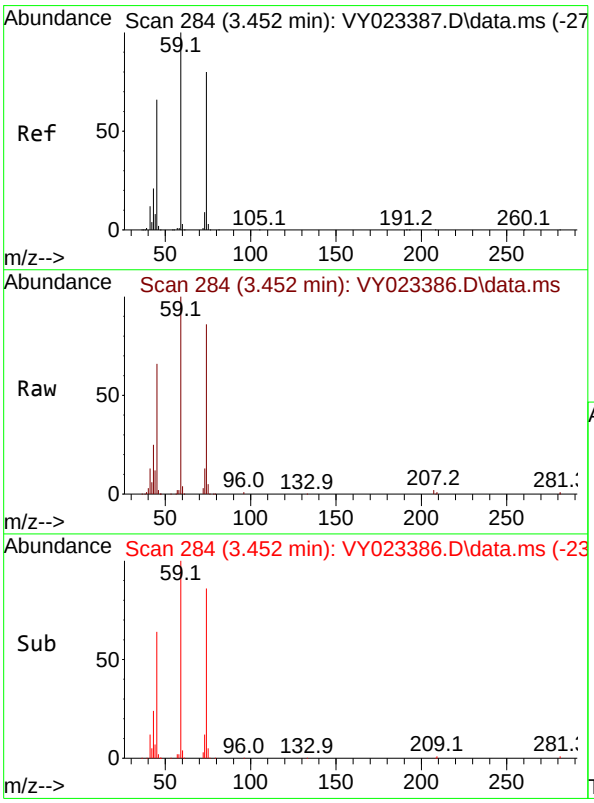
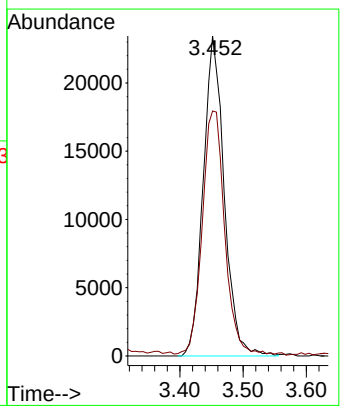


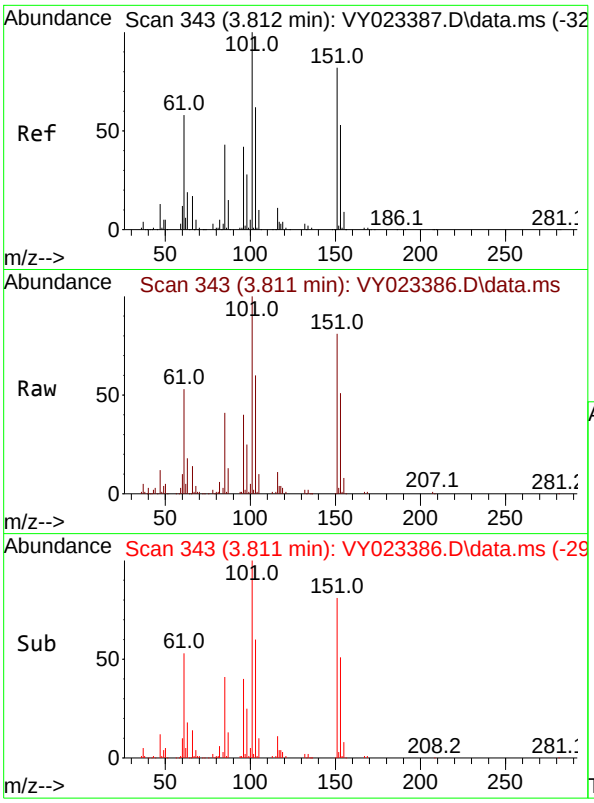


#8
Diethyl Ether
Concen: 19.837 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 74 Resp: 54124

Ion	Ratio	Lower	Upper
74	100		
45	80.6	39.9	119.7

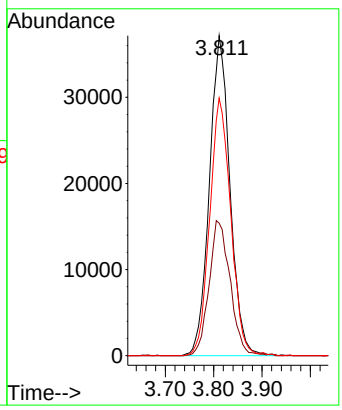




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.718 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:101 Resp: 10993

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.6	51.8
151	82.2	67.0	100.6



Instrument :
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ClientSampleId :
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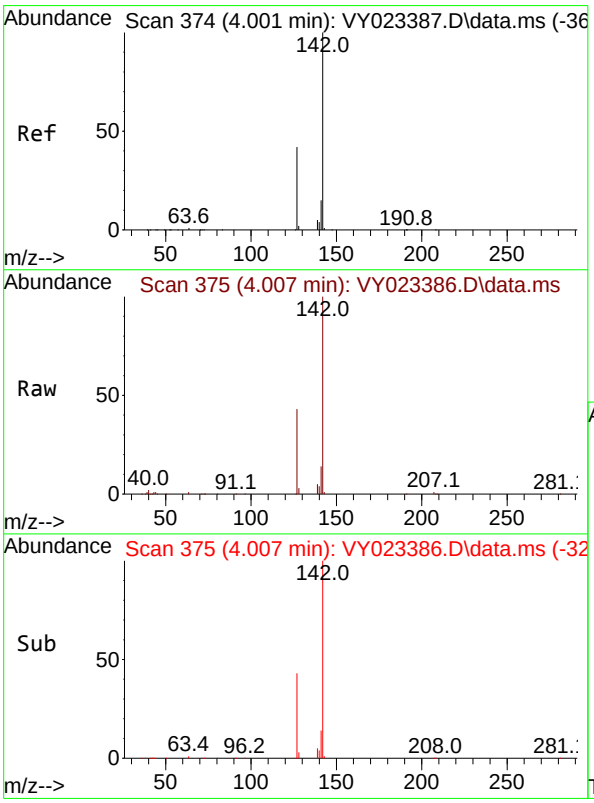
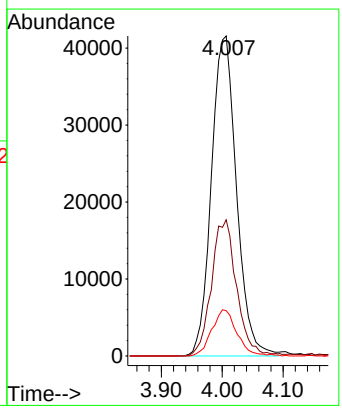
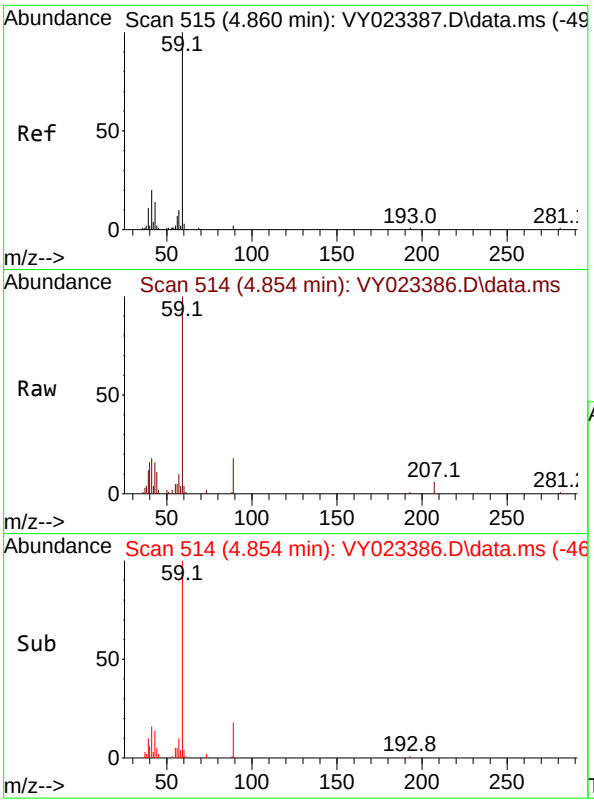


#10
Methyl Iodide
Concen: 18.482 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:142 Resp: 119083

Ion	Ratio	Lower	Upper
142	100		
127	42.9	34.8	52.2
141	14.5	11.6	17.4

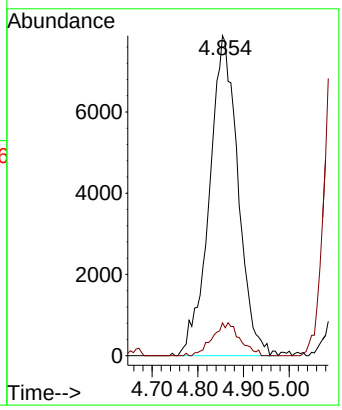




#11
Tert butyl alcohol
Concen: 117.345 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 59 Resp: 3434

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
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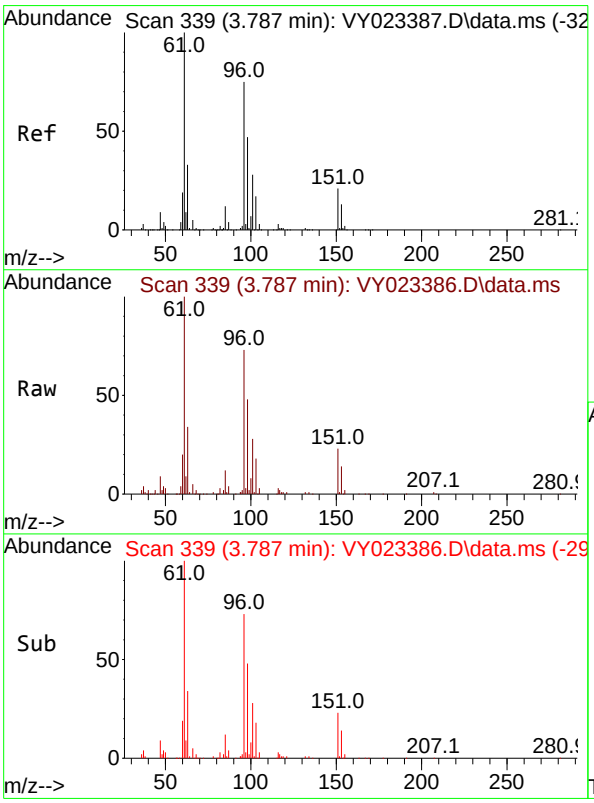
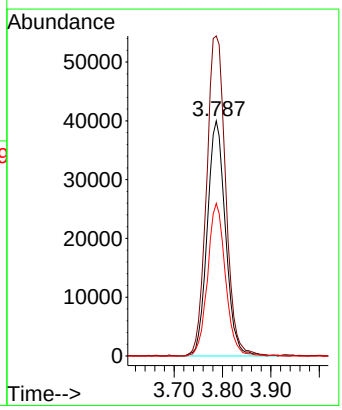
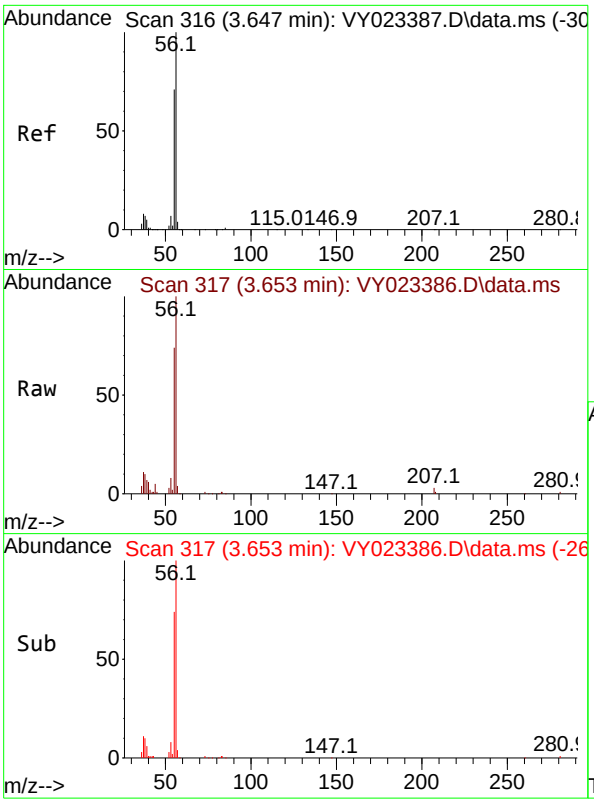


#12
1,1-Dichloroethene
Concen: 19.531 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 96 Resp: 104778

Ion	Ratio	Lower	Upper
96	100		
61	136.2	106.7	160.1
98	64.9	50.2	75.4

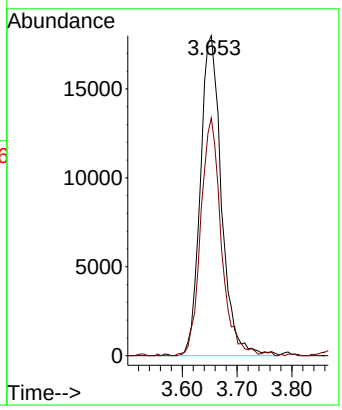




#13
Acrolein
Concen: 97.023 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 56 Resp: 4811

Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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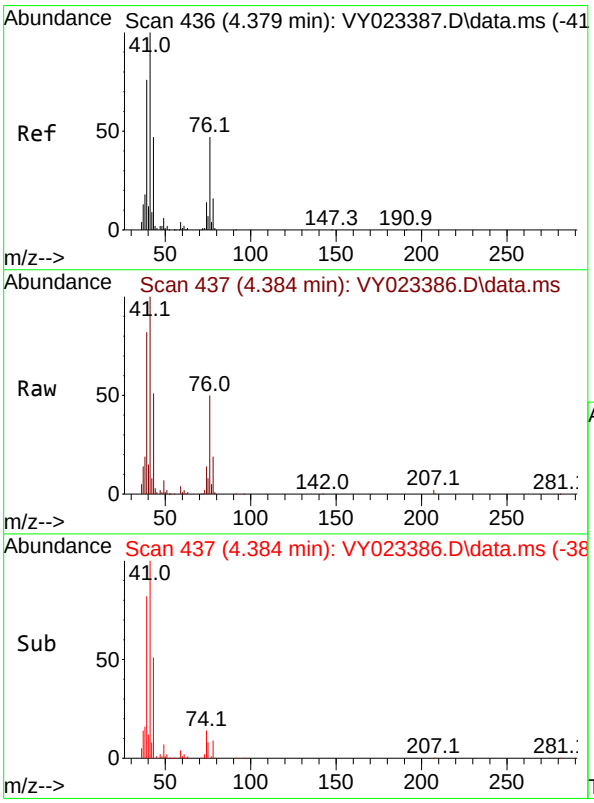
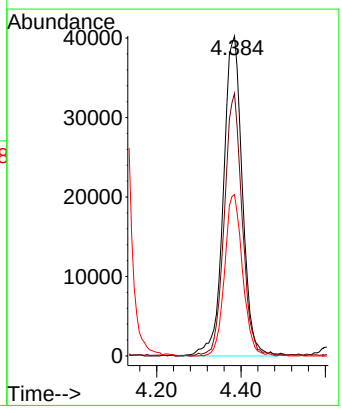
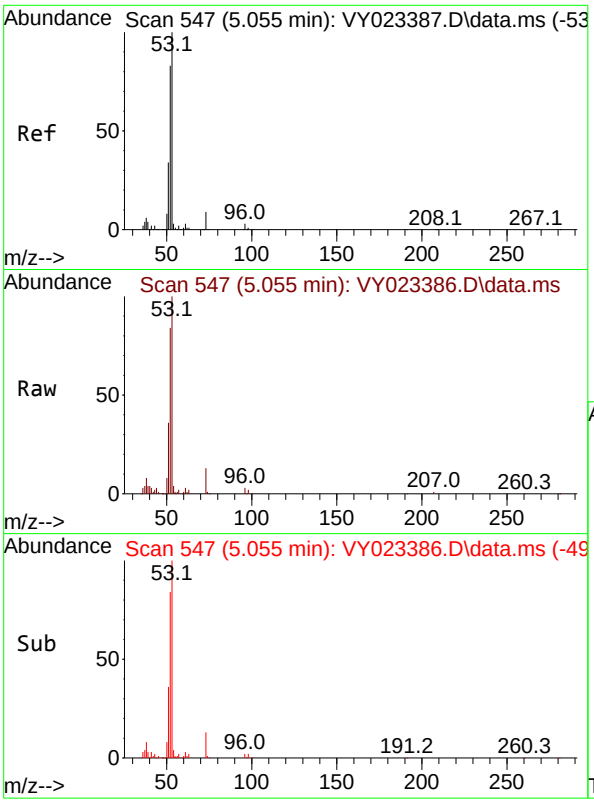


#14
Allyl chloride
Concen: 18.674 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 41 Resp: 125424

Ion	Ratio	Lower	Upper
41	100		
39	77.6	59.9	89.9
76	47.9	38.0	57.0





#15
Acrylonitrile
Concen: 92.641 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 53 Resp: 9901

Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.6	97.0
51	36.6	29.5	44.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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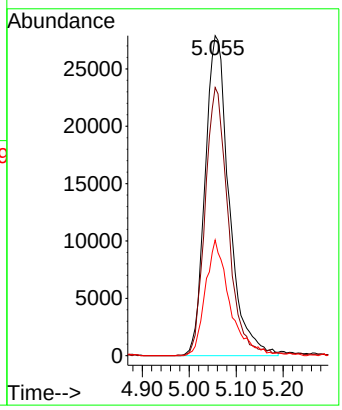
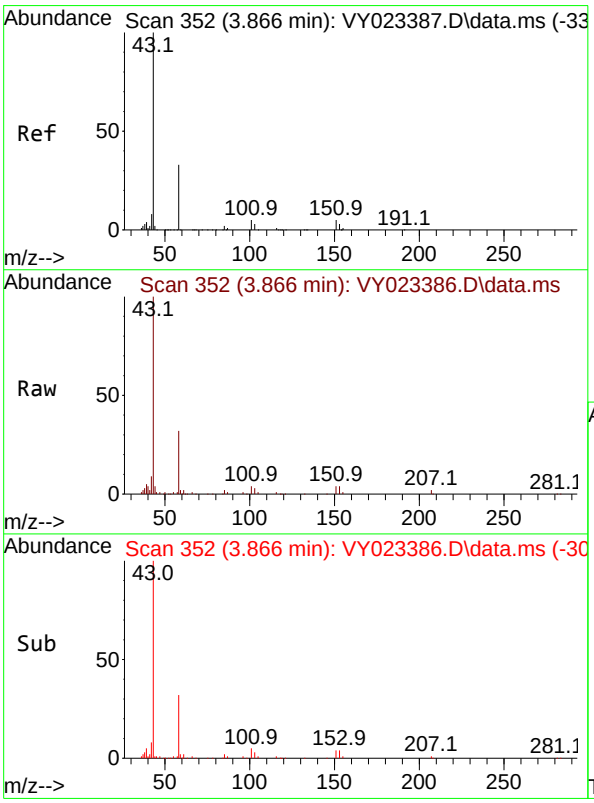
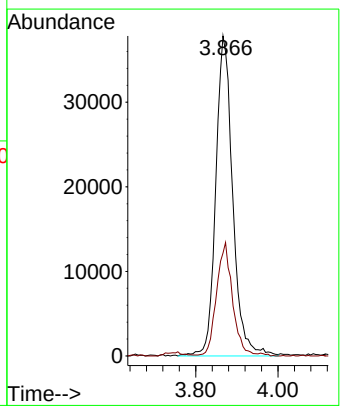


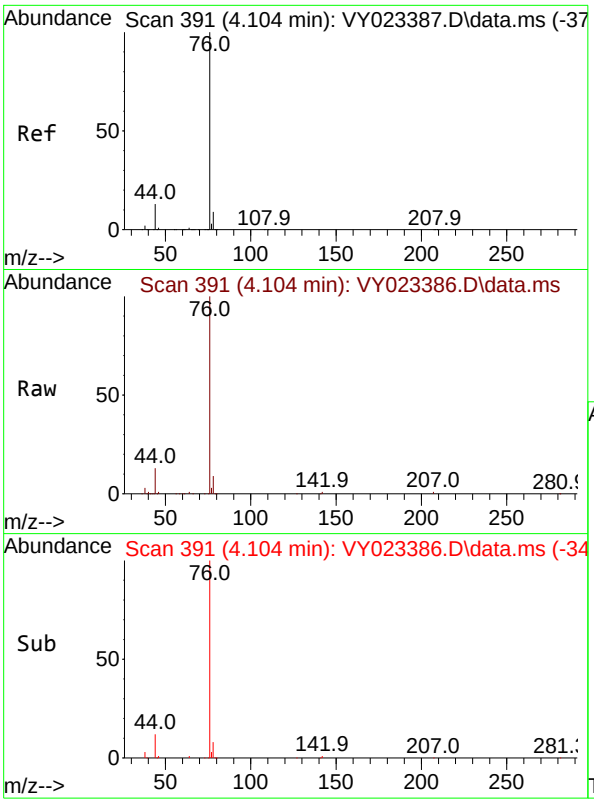


#16
Acetone
Concen: 96.742 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 108209

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5

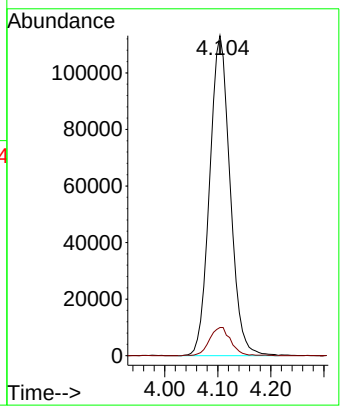




#17
Carbon Disulfide
Concen: 18.121 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 76 Resp: 30328

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
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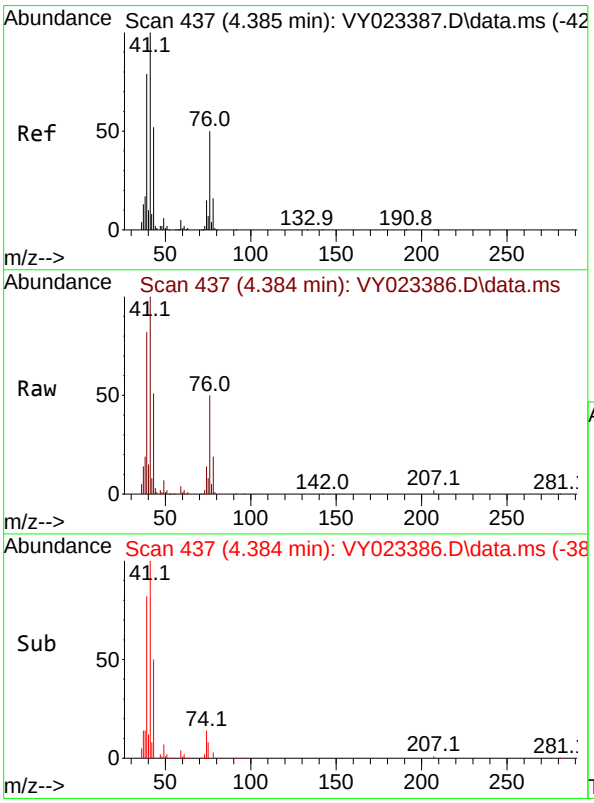
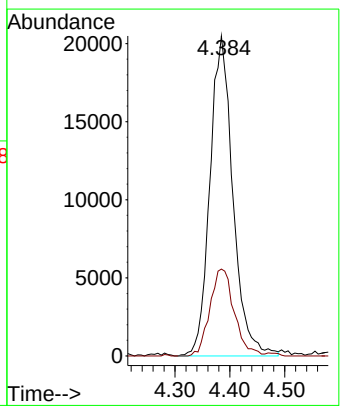
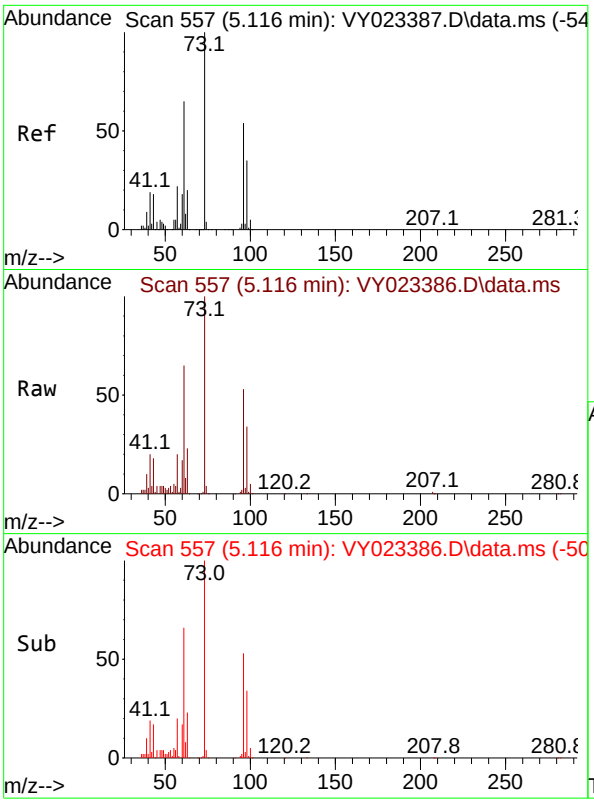


#18
Methyl Acetate
Concen: 21.002 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 59704

Ion	Ratio	Lower	Upper
43	100		
74	28.7	24.2	36.4

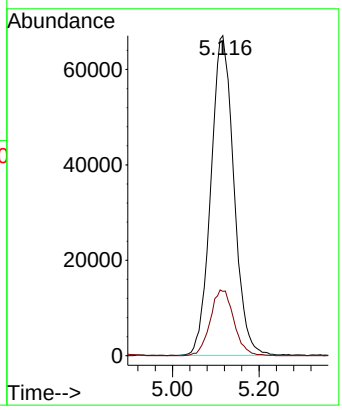




#19
Methyl tert-butyl Ether
Concen: 19.667 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 73 Resp: 24703

Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
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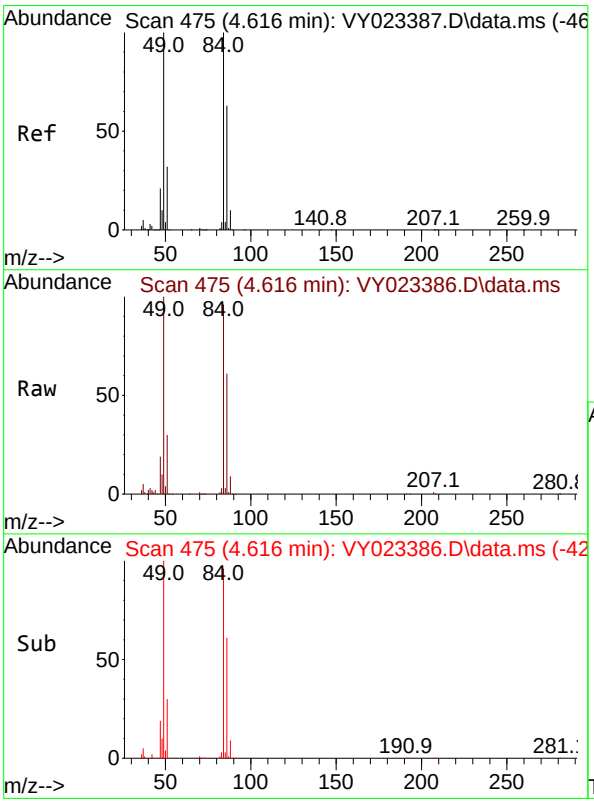
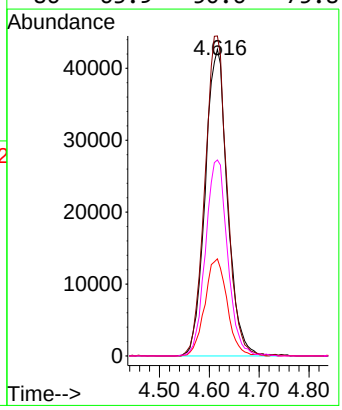
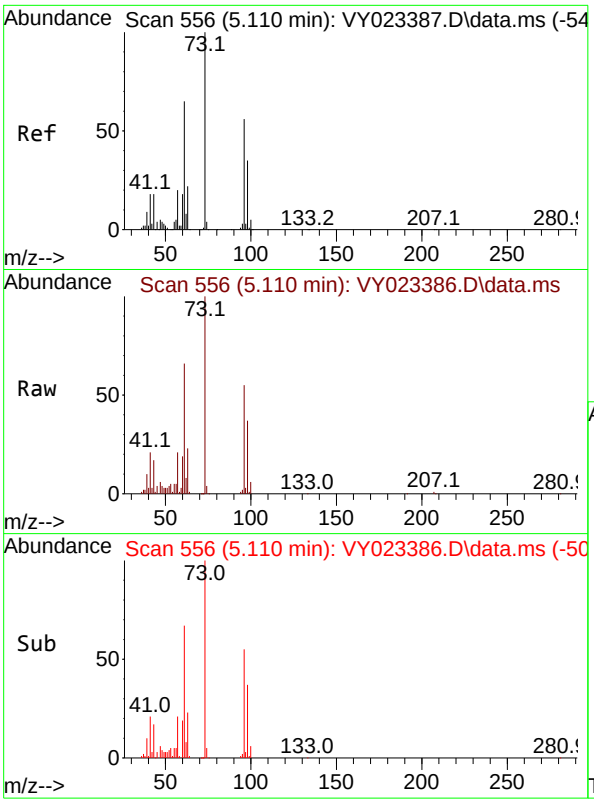


#20
Methylene Chloride
Concen: 21.801 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 84 Resp: 132229

Ion	Ratio	Lower	Upper
84	100		
49	104.2	80.2	120.4
51	31.7	25.9	38.9
86	63.9	50.6	75.8

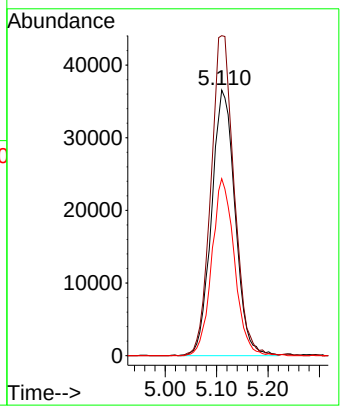




#21
trans-1,2-Dichloroethene
Concen: 19.512 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 96 Resp: 11641

Ion	Ratio	Lower	Upper
96	100		
61	120.5	92.7	139.1
98	66.7	49.7	74.5



Instrument :
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ClientSampleId :
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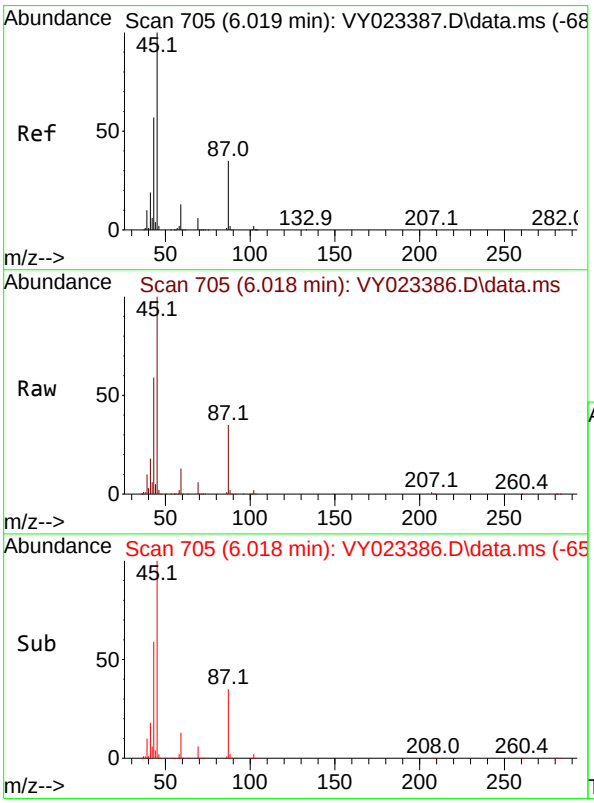
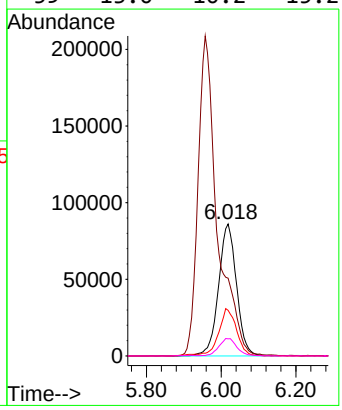
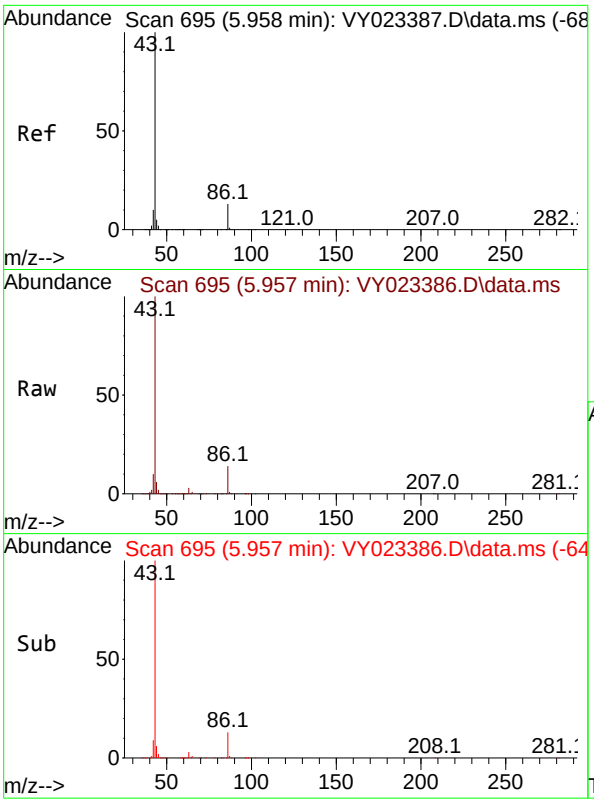


#22
Diisopropyl ether
Concen: 19.366 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 45 Resp: 288429

Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.6	68.4
87	34.5	28.1	42.1
59	13.0	10.2	15.2

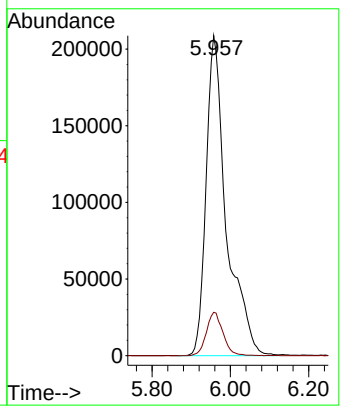




#23
Vinyl Acetate
Concen: 91.373 ug/l
RT: 5.957 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 74804

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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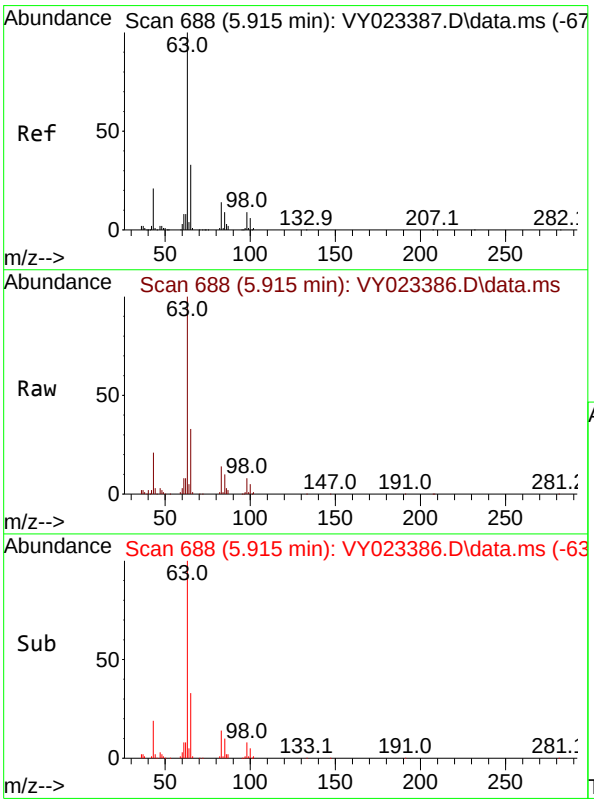
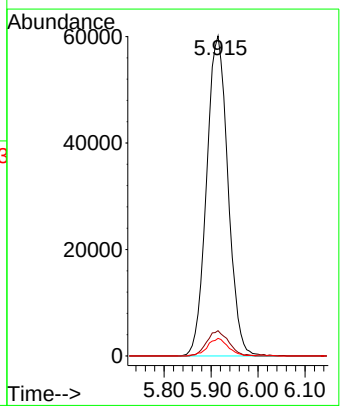
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

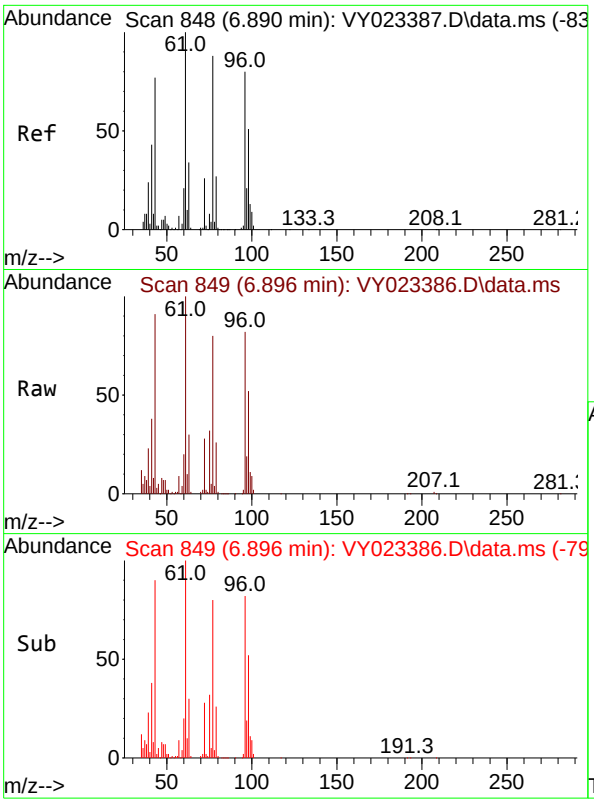


#24
1,1-Dichloroethane
Concen: 19.354 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 63 Resp: 190012

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.3	13.1
100	5.5	2.8	8.4





#25
2-Butanone
Concen: 95.593 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 13215

Ion	Ratio	Lower	Upper
43	100		
72	30.5	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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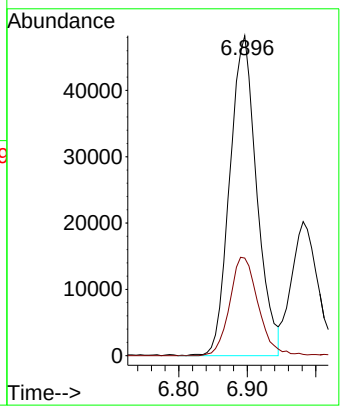
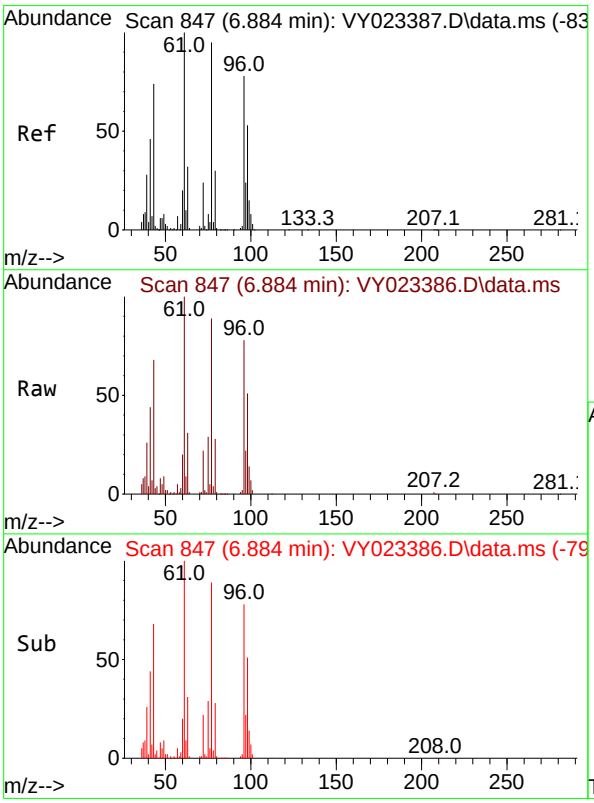
Supervised By :Mahesh Dadoda 10/10/2025

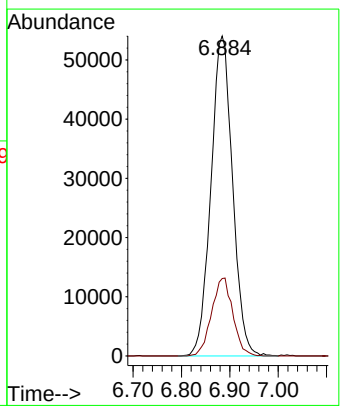


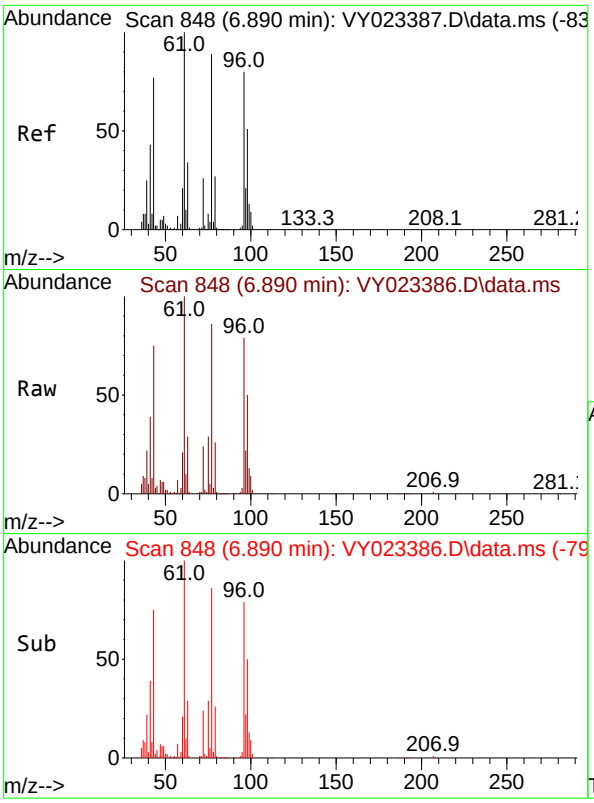


#26
2,2-Dichloropropane
Concen: 19.247 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 77 Resp: 167903

Ion	Ratio	Lower	Upper
77	100		
97	23.9	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 96 Resp: 13363

Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	258.2
98	65.3	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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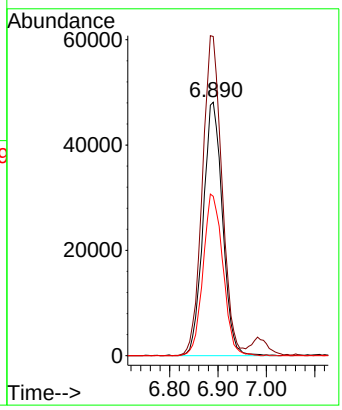
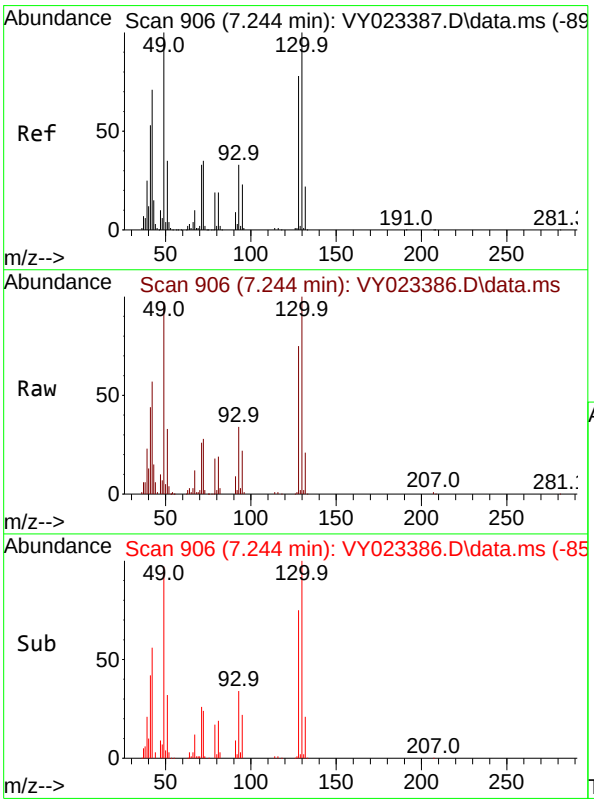
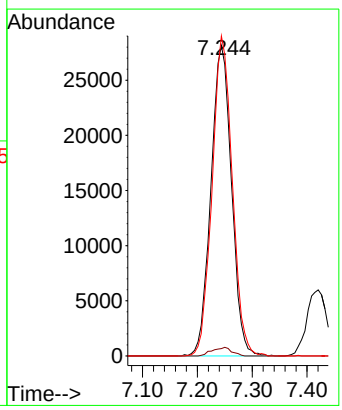


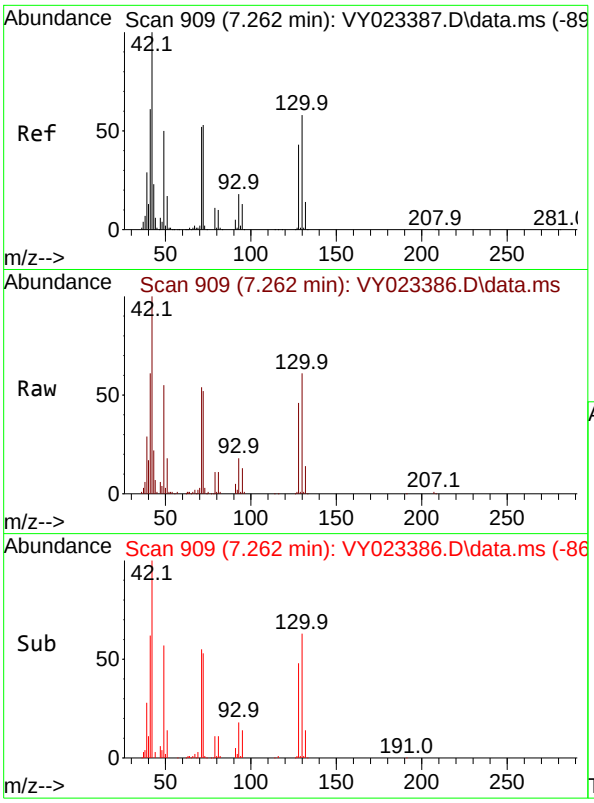


#28
Bromochloromethane
Concen: 19.273 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 49 Resp: 73407

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	100.8	81.9	122.9

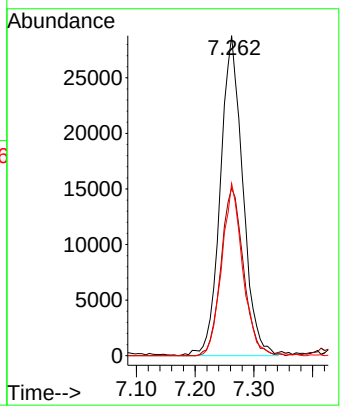




#29
Tetrahydrofuran
Concen: 93.229 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 42 Resp: 7650

Ion	Ratio	Lower	Upper
42	100		
72	52.7	43.0	64.6
71	50.6	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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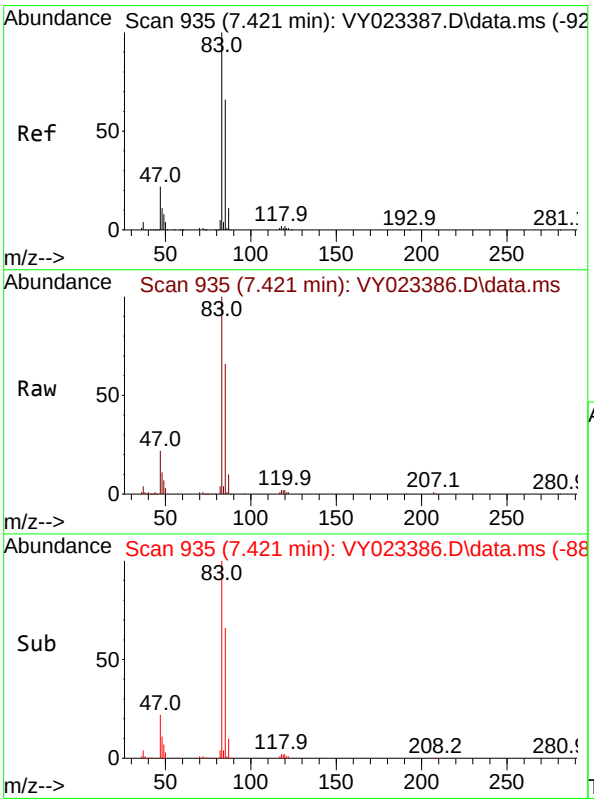
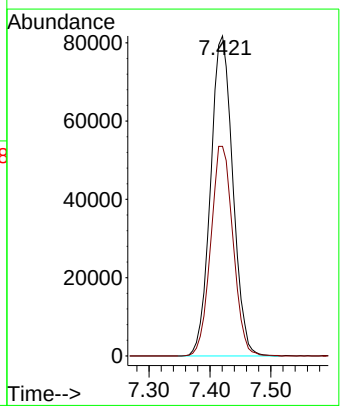
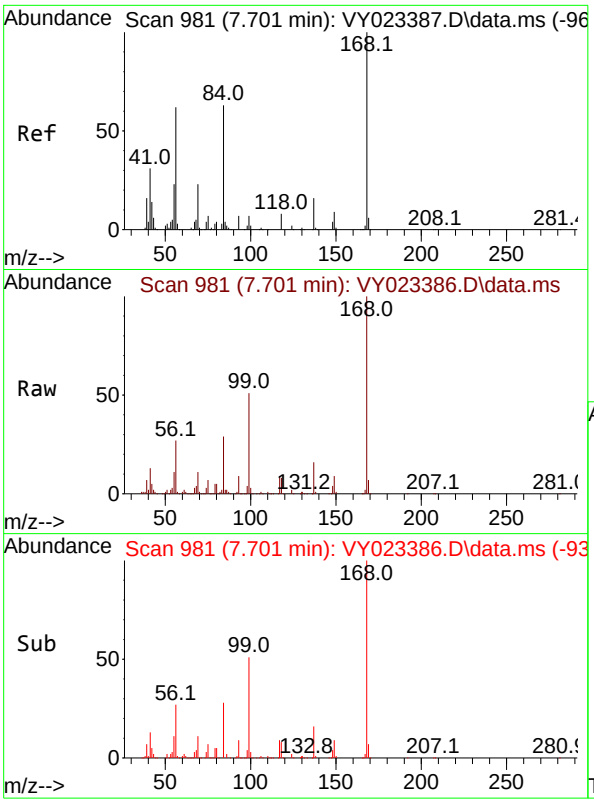


#30
Chloroform
Concen: 19.562 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 83 Resp: 207096

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7

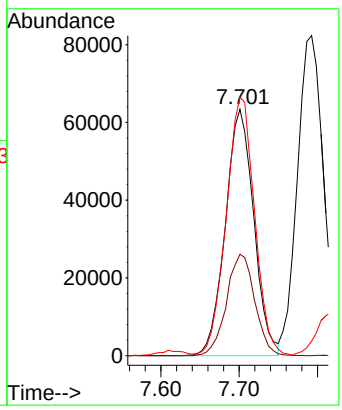




#31
Cyclohexane
Concen: 18.472 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 56 Resp: 16015

Ion	Ratio	Lower	Upper
56	100		
69	41.2	30.0	45.0
84	103.3	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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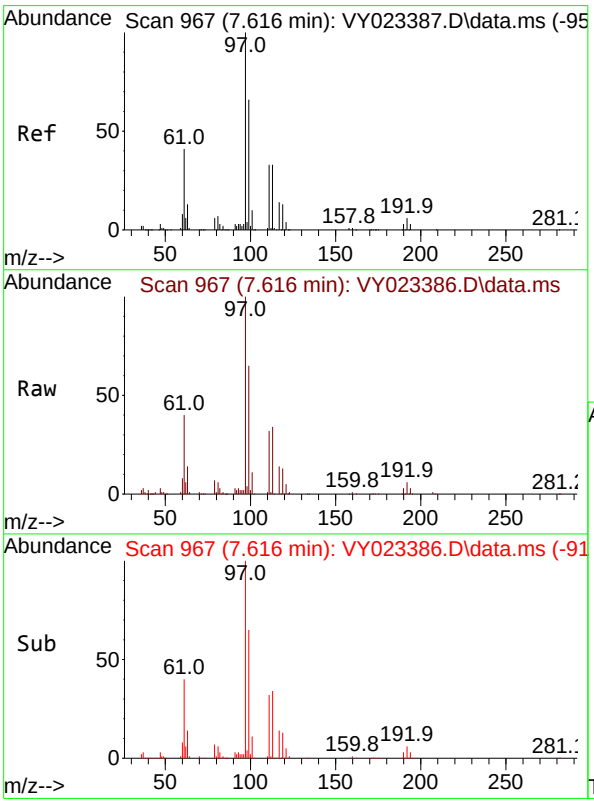
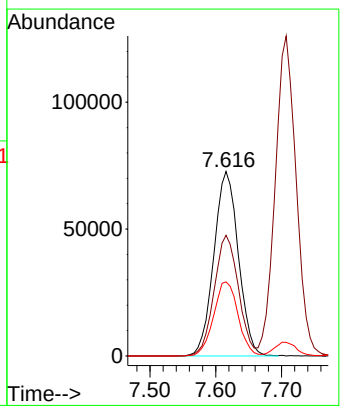
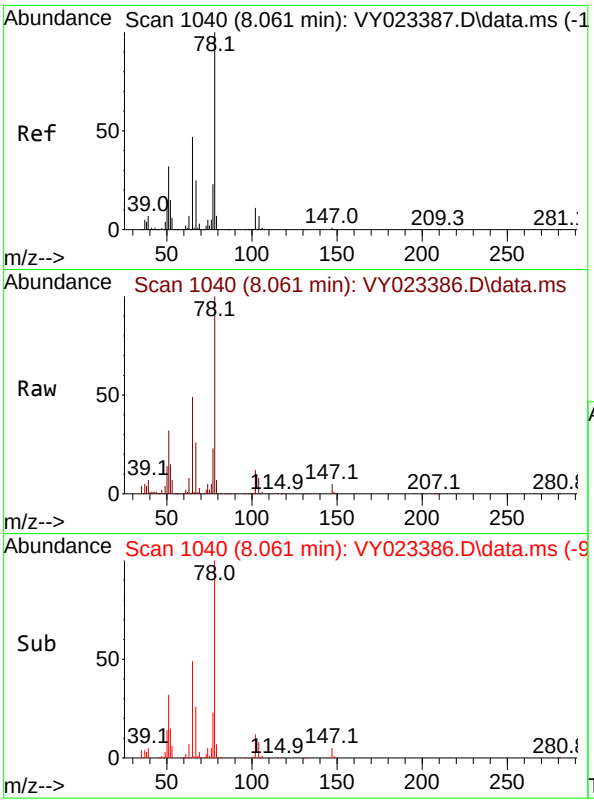


#32
1,1,1-Trichloroethane
Concen: 19.873 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 97 Resp: 188861

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	40.1	31.9	47.9

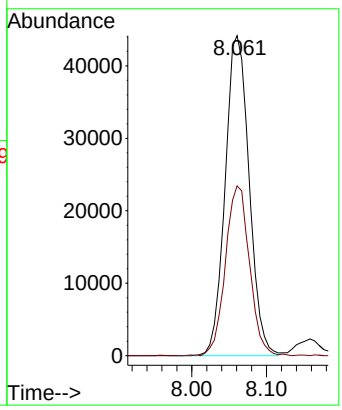




#33
1,2-Dichloroethane-d4
Concen: 19.798 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 65 Resp: 9848

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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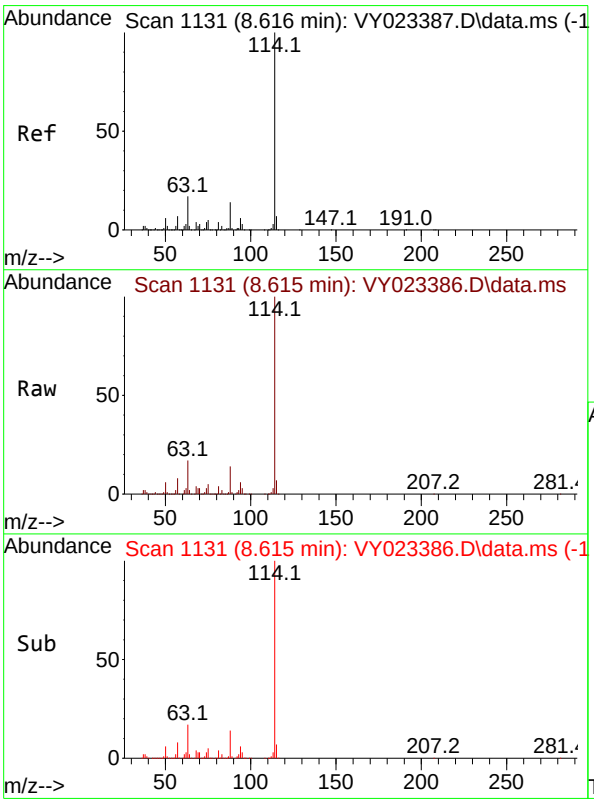
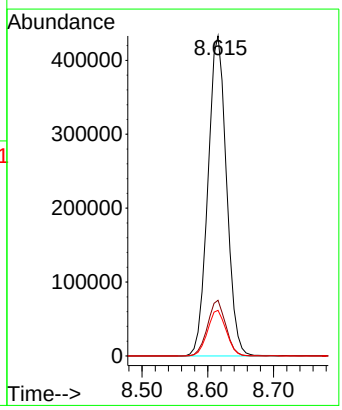
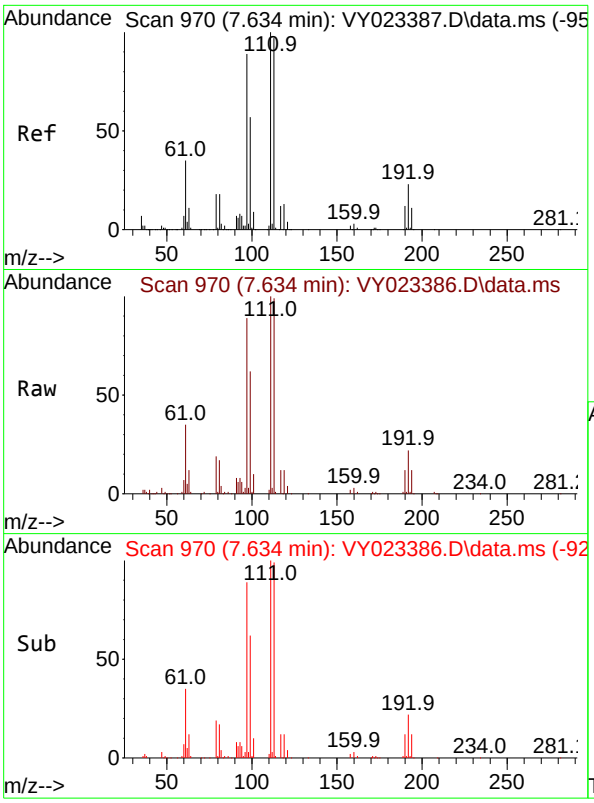


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:114 Resp: 851961

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.2
88	14.3	0.0	28.4





#35
Dibromofluoromethane
Concen: 20.895 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:113 Resp: 10803

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	22.3	18.0	27.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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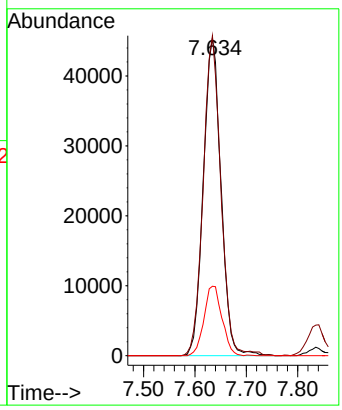
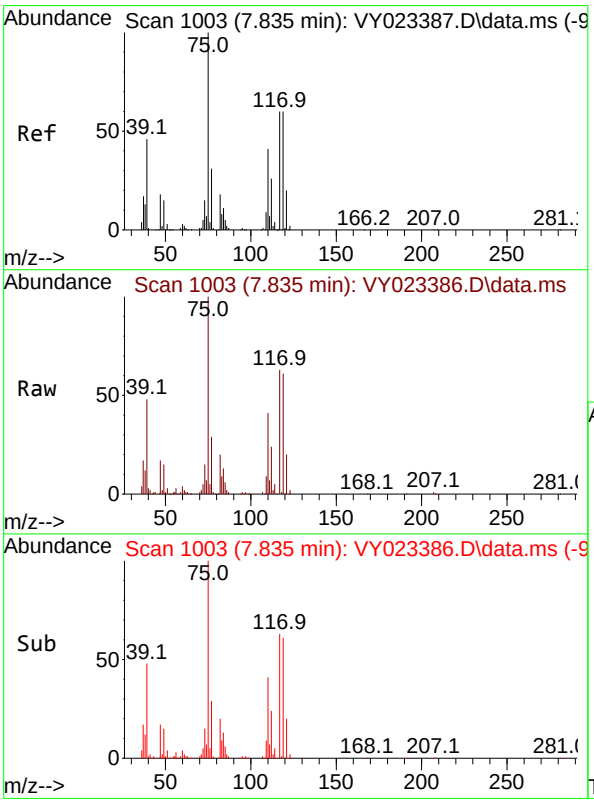
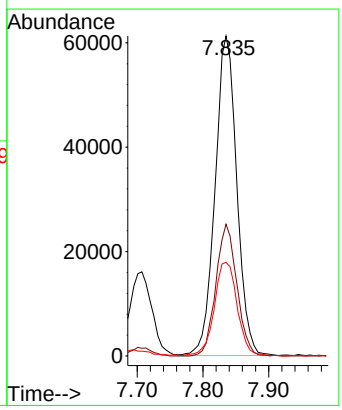


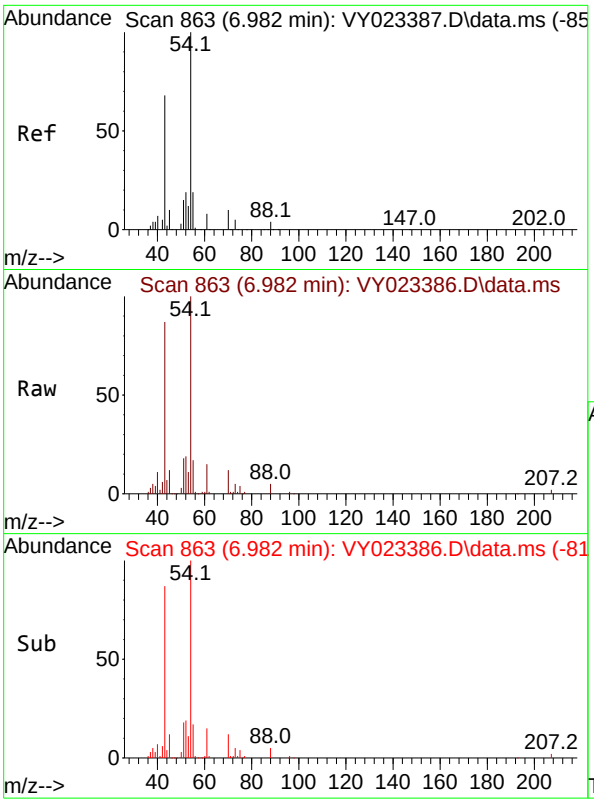


#36
1,1-Dichloropropene
Concen: 19.317 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 140912

Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.9	59.7
77	31.0	25.0	37.6

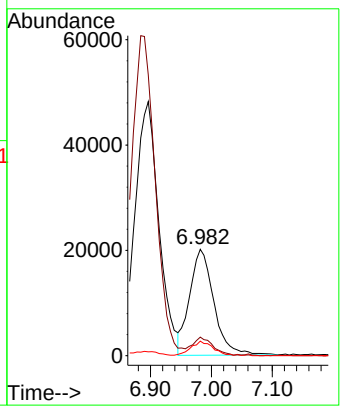




#37
Ethyl Acetate
Concen: 19.315 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 5570

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	12.7	10.5	15.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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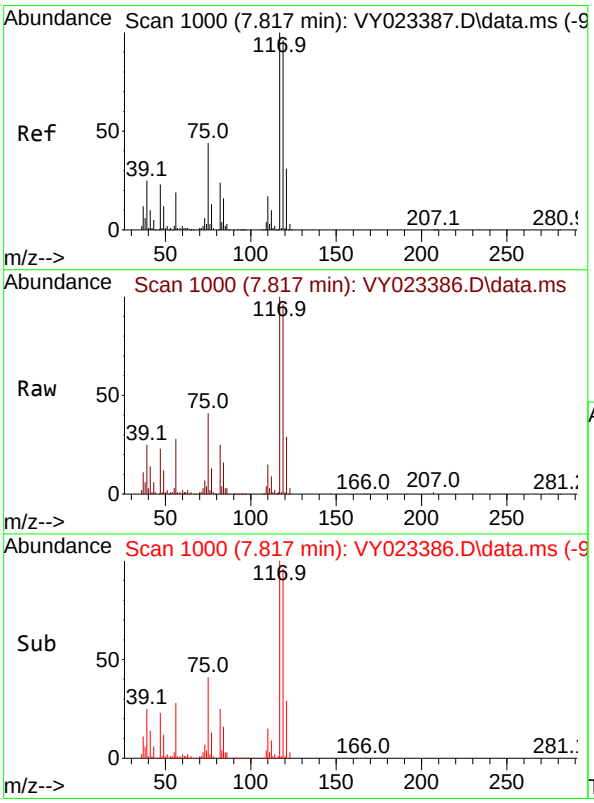
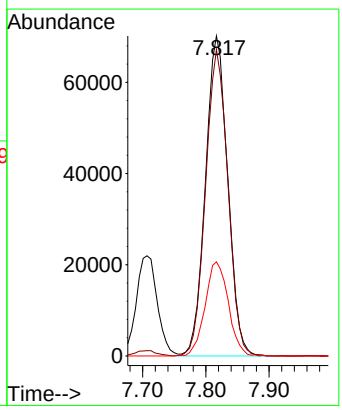
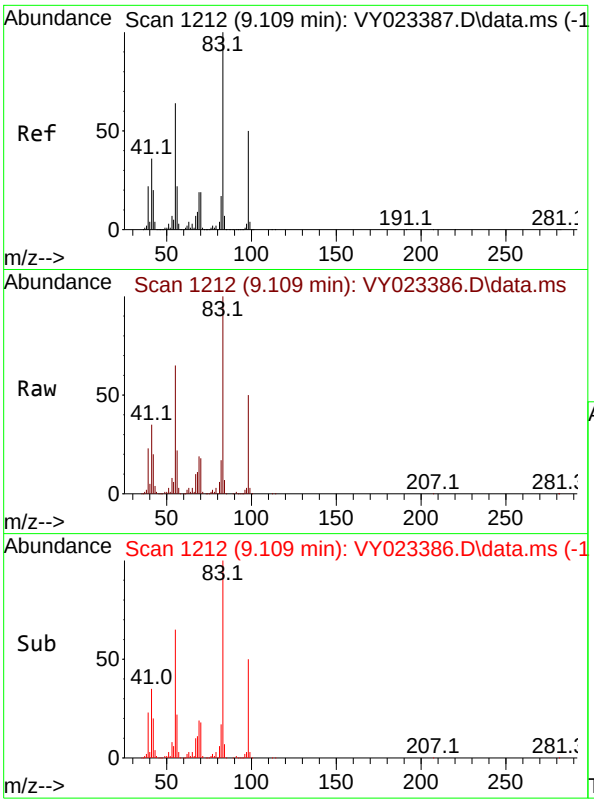


#38
Carbon Tetrachloride
Concen: 20.289 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:117 Resp: 171925

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
121	29.4	24.5	36.7

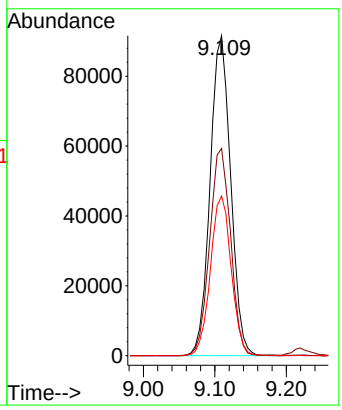




#39
Methylcyclohexane
Concen: 19.576 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 83 Resp: 18283

Ion	Ratio	Lower	Upper
83	100		
55	64.8	51.4	77.2
98	49.9	40.4	60.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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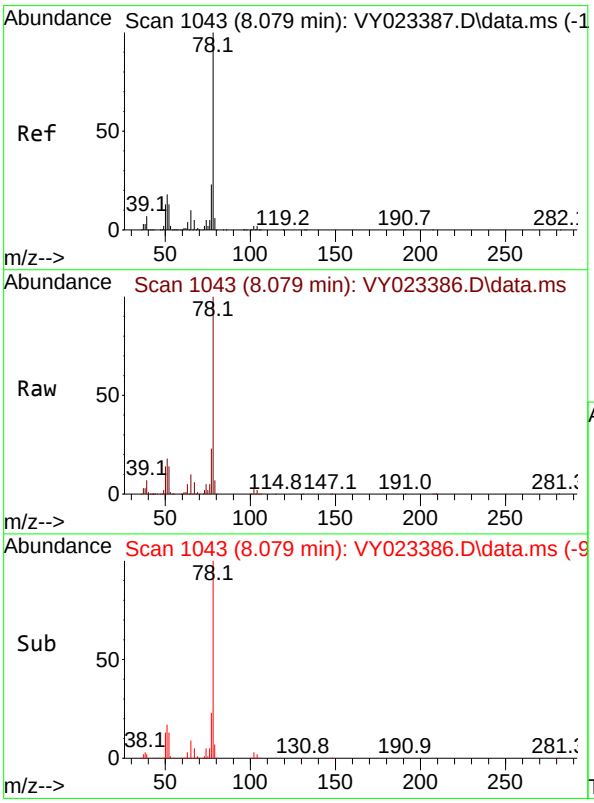
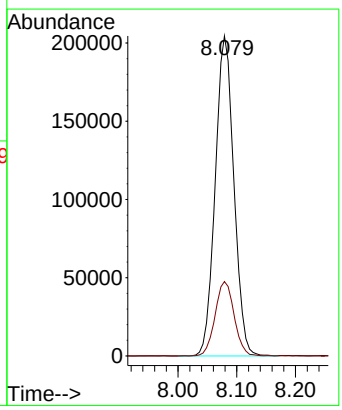
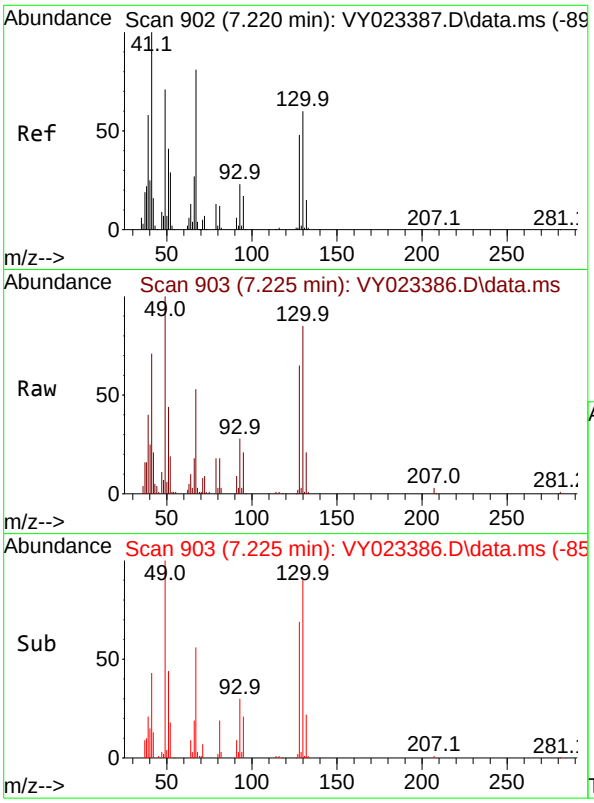


#40
Benzene
Concen: 19.809 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 78 Resp: 450471

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5

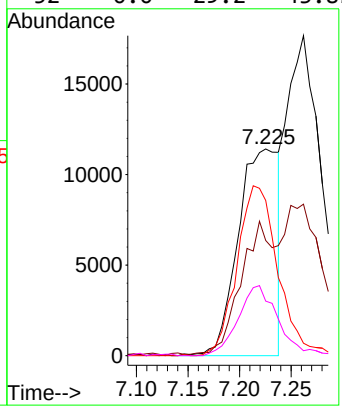




#41
Methacrylonitrile
Concen: 20.783 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 41 Resp: 3112

Ion	Ratio	Lower	Upper
41	100		
39	68.6	52.2	78.4
67	0.0	74.9	112.3#
52	0.0	29.2	43.8#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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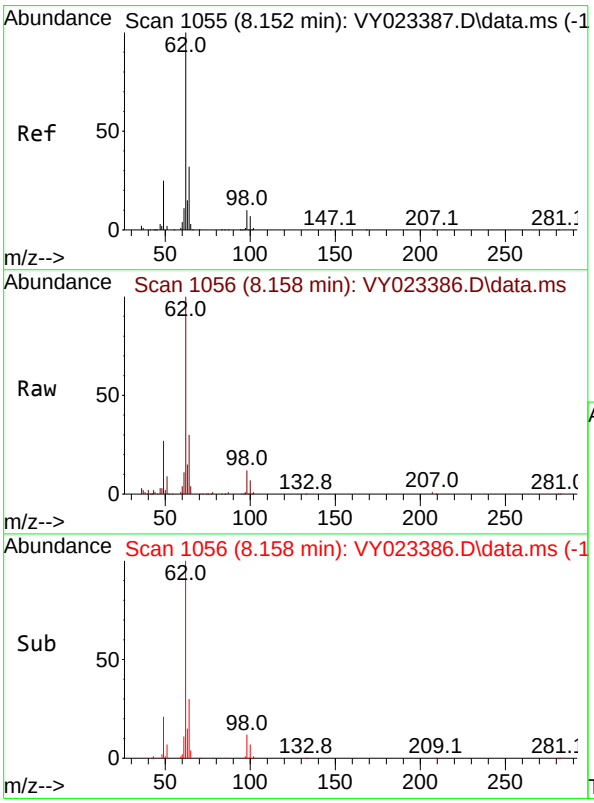
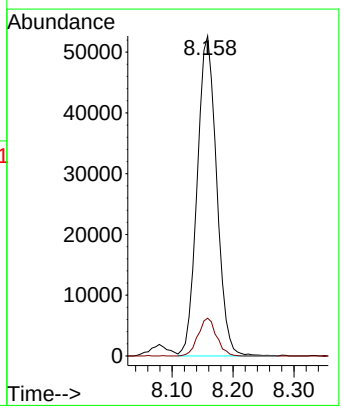
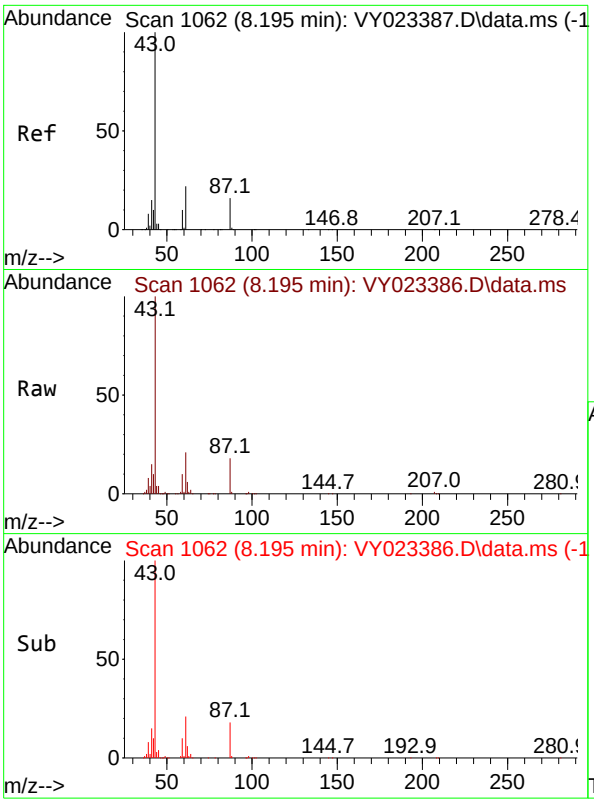


#42
1,2-Dichloroethane
Concen: 20.206 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 62 Resp: 116941

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.6

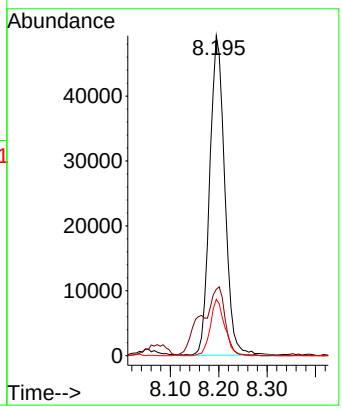




#43
Isopropyl Acetate
Concen: 19.002 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 10659

Ion	Ratio	Lower	Upper
43	100		
61	33.1	18.1	27.1
87	16.9	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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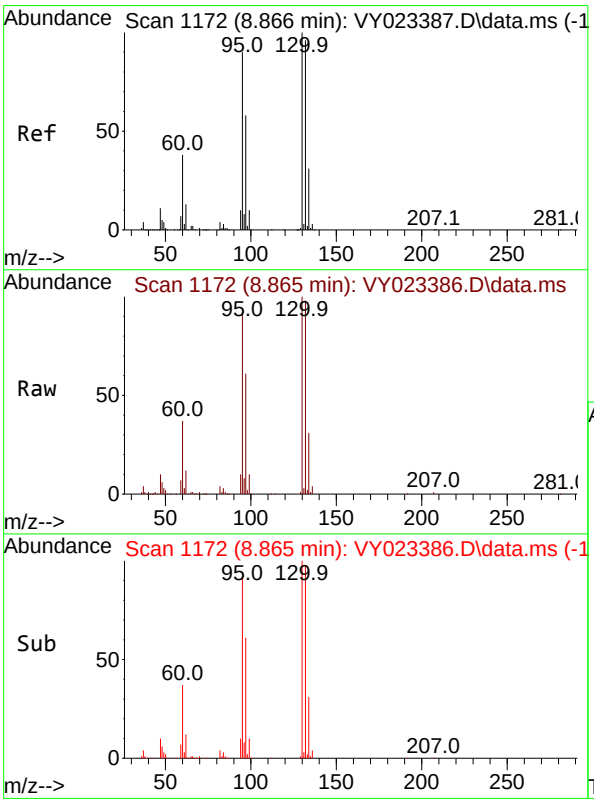
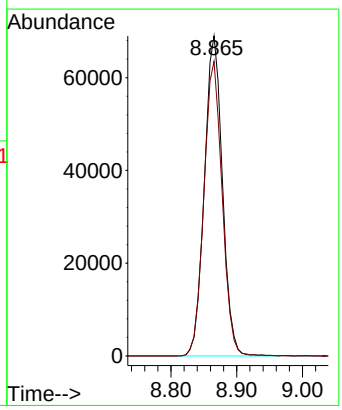
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

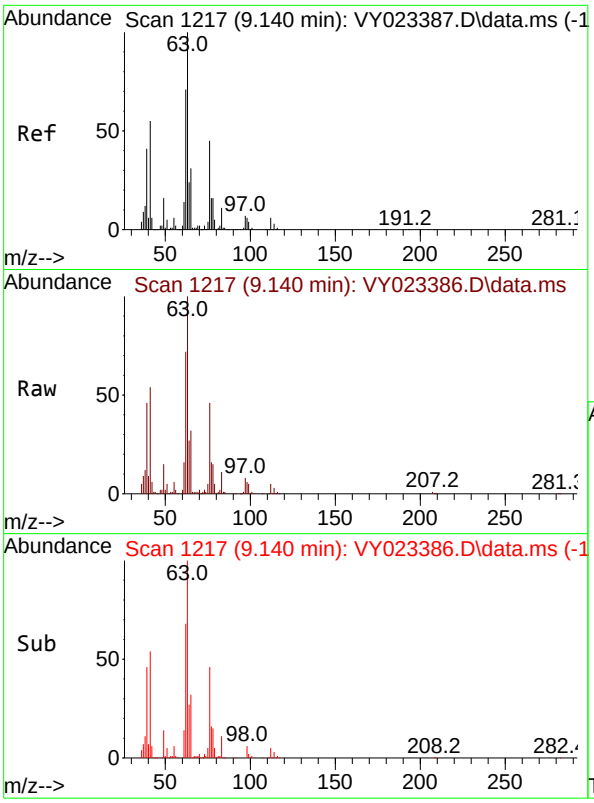


#44
Trichloroethene
Concen: 20.598 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:130 Resp: 131459

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	180.6

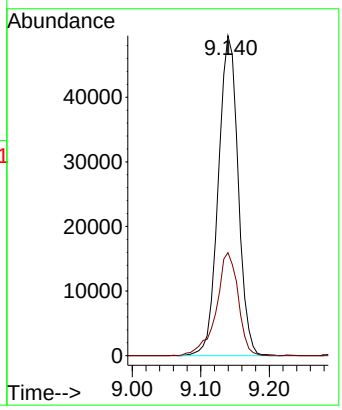




#45
1,2-Dichloropropane
Concen: 19.417 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 63 Resp: 9936

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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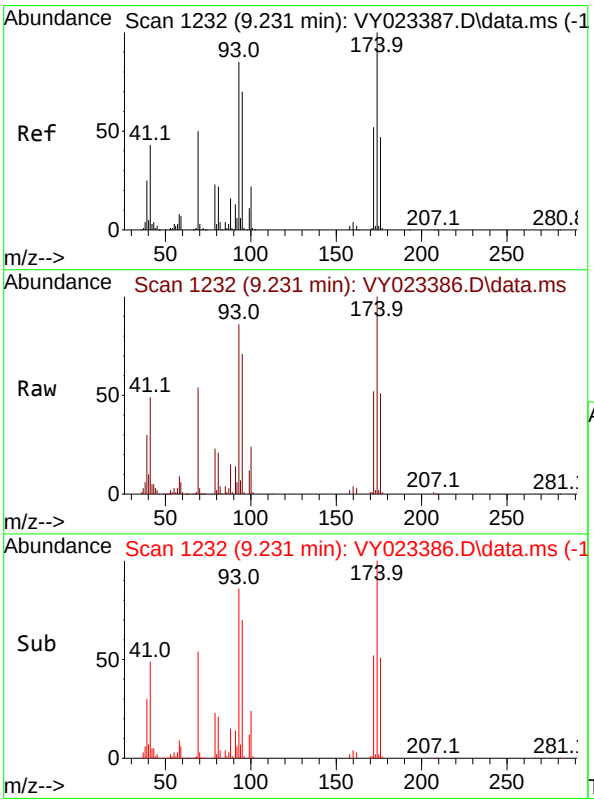
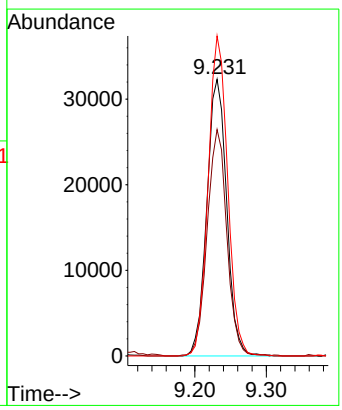
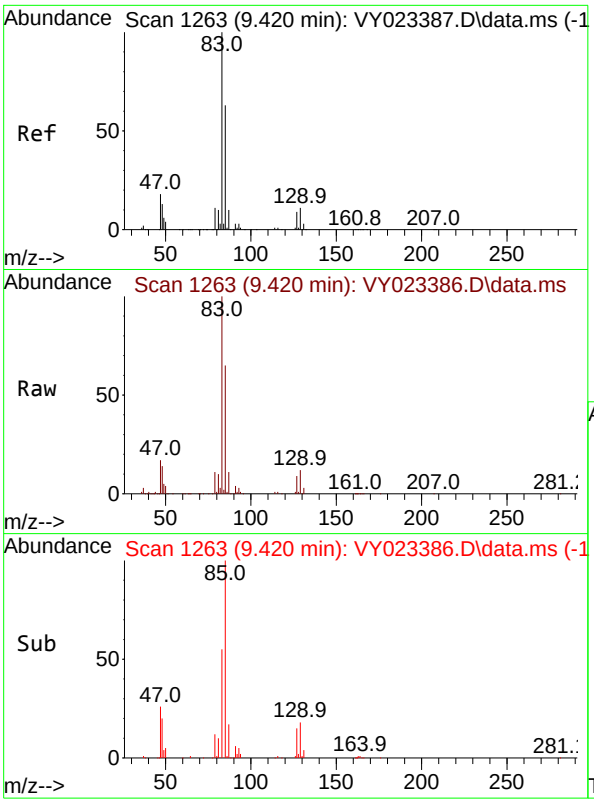


#46
Dibromomethane
Concen: 19.896 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 93 Resp: 62277

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.4	98.0
174	113.6	92.9	139.3

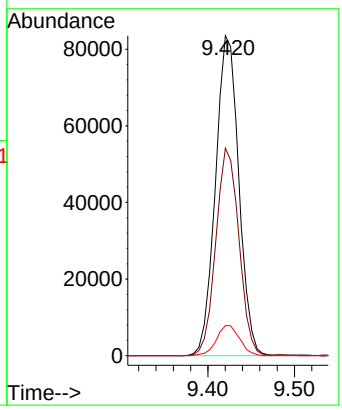




#47
Bromodichloromethane
Concen: 19.854 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 83 Resp: 15642

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2
127	9.4	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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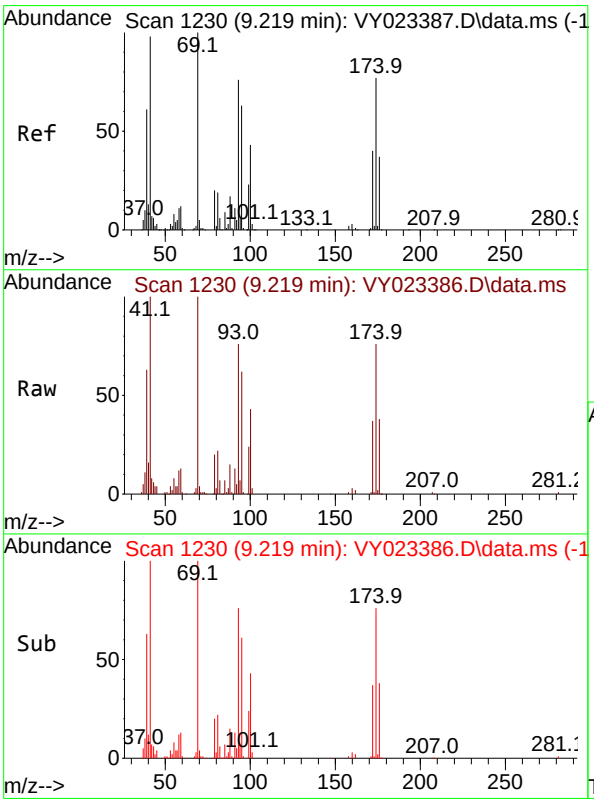
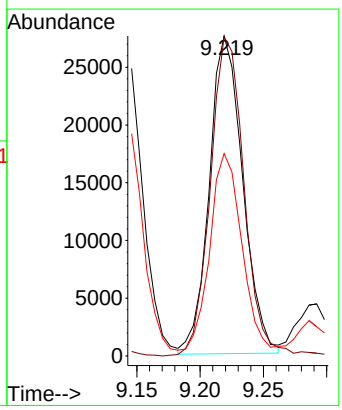
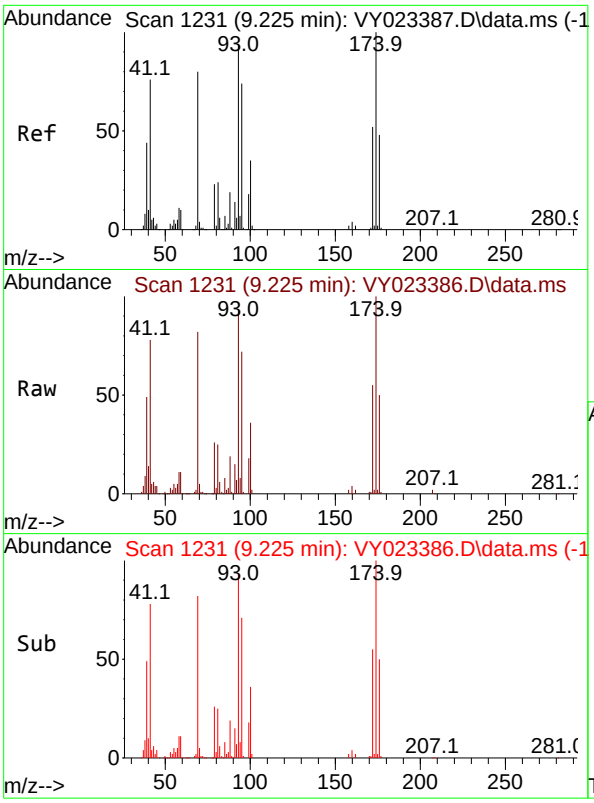


#48
Methyl methacrylate
Concen: 19.352 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 41 Resp: 50661

Ion	Ratio	Lower	Upper
41	100		
69	102.0	81.0	121.4
39	58.8	48.2	72.4

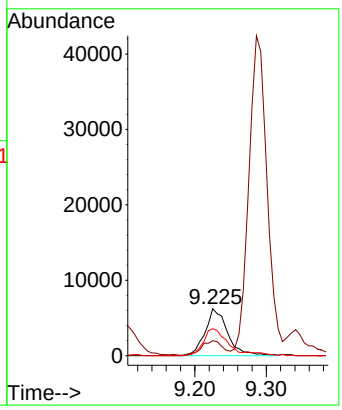




#49
1,4-Dioxane
Concen: 420.712 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 88 Resp: 1363

Ion	Ratio	Lower	Upper
88	100		
43	28.9	21.8	32.8
58	58.1	46.8	70.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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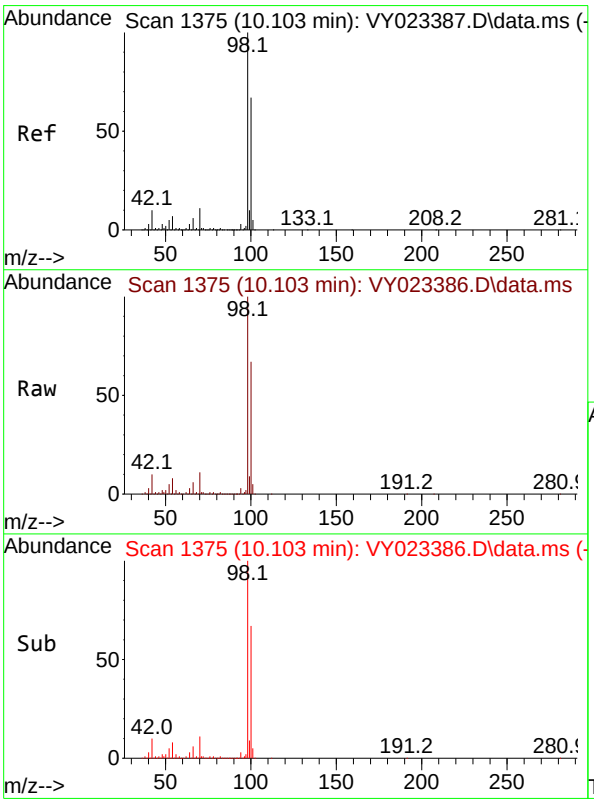
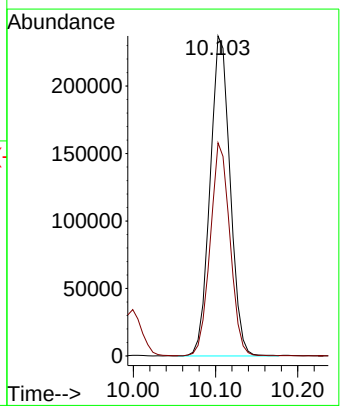
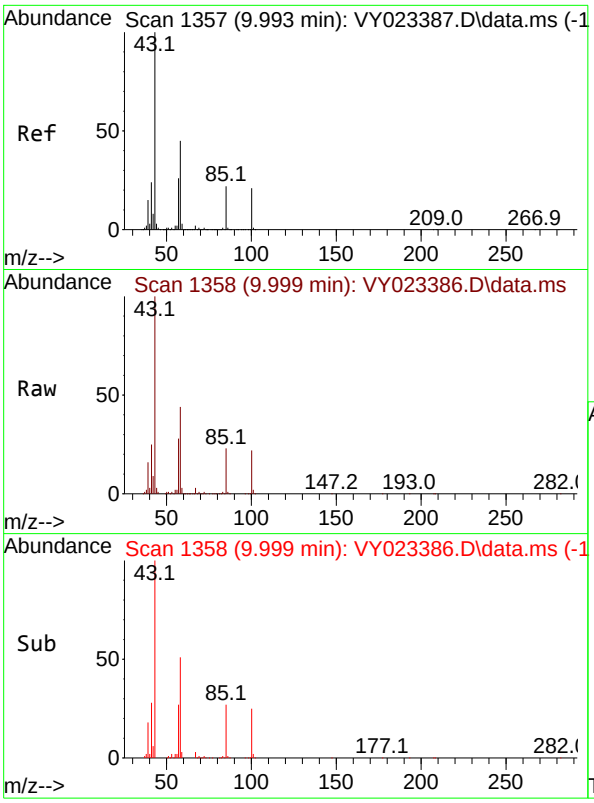


#50
Toluene-d8
Concen: 20.568 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 98 Resp: 401067

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

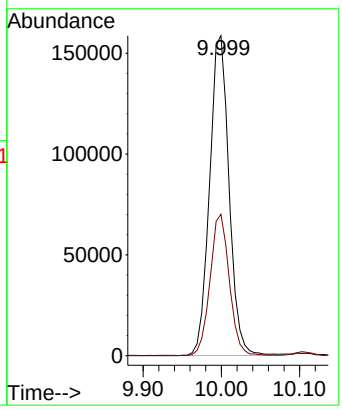




#51
4-Methyl-2-Pentanone
Concen: 95.378 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 27405

Ion	Ratio	Lower	Upper
43	100		
58	43.8	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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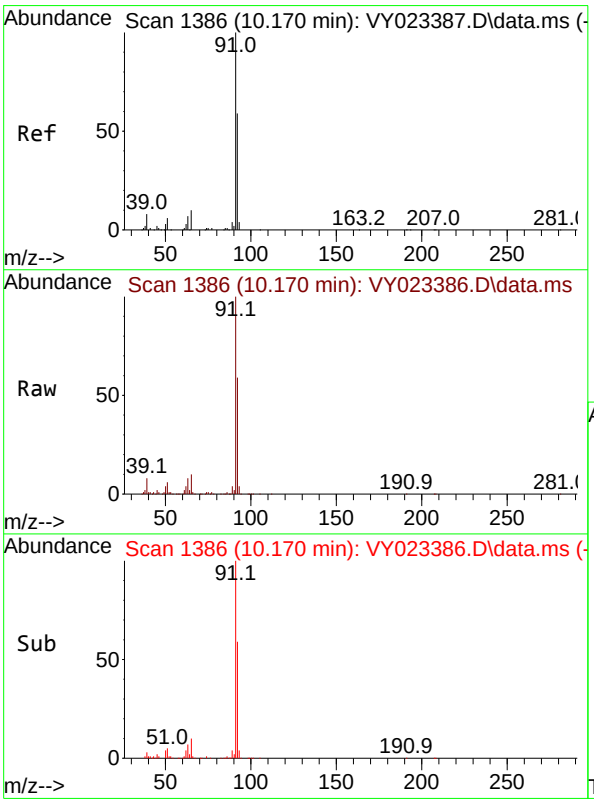
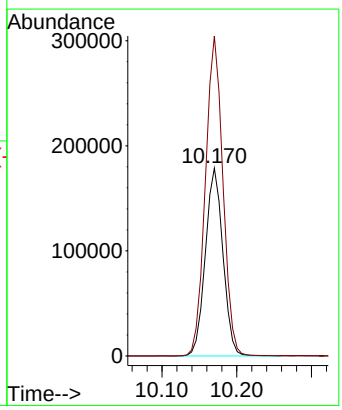
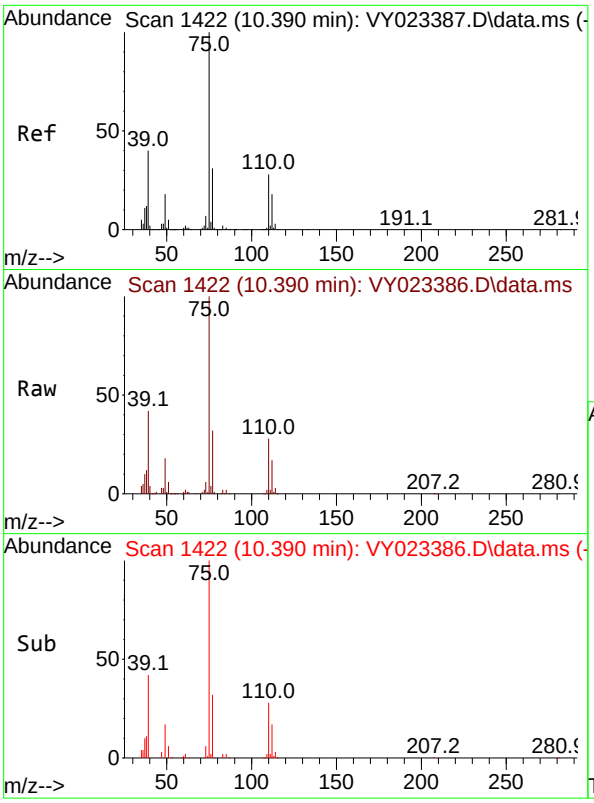


#52
Toluene
Concen: 20.191 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 92 Resp: 291453

Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 19.632 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 13284

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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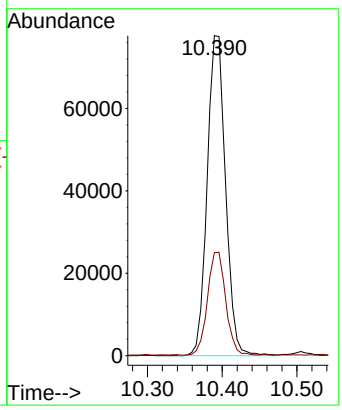
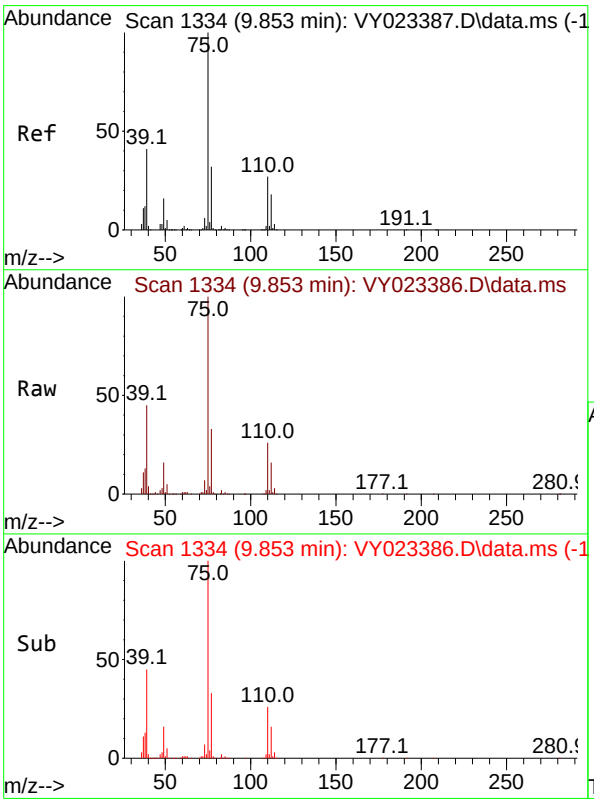
Supervised By :Mahesh Dadoda 10/10/2025

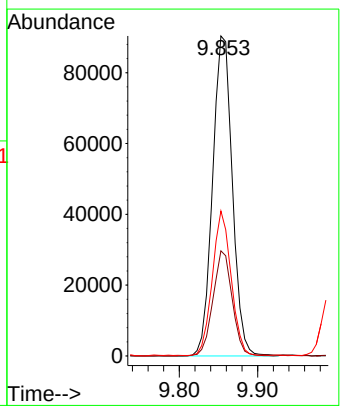


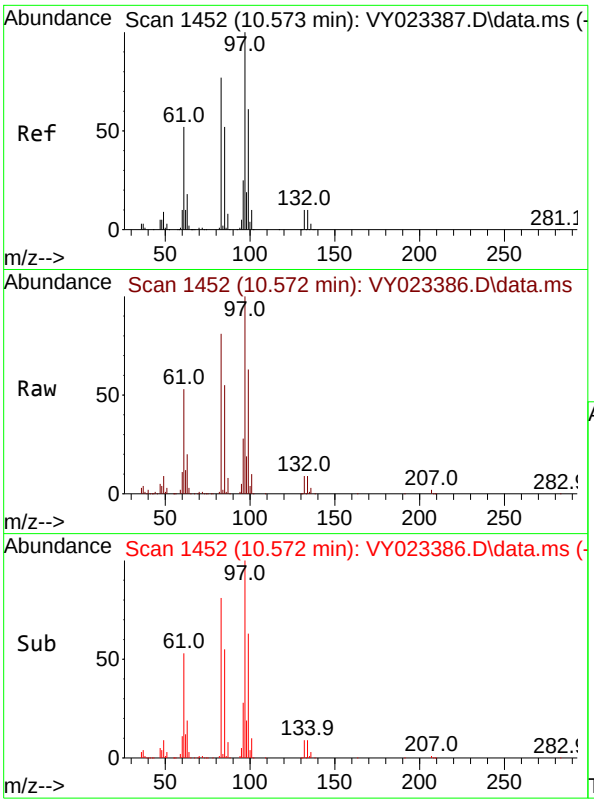


#54
cis-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 158580

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0
39	45.1	32.8	49.2

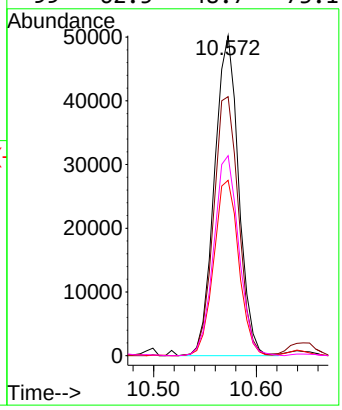




#55
1,1,2-Trichloroethane
Concen: 19.740 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 97 Resp: 8218

Ion	Ratio	Lower	Upper
97	100		
83	80.9	61.8	92.6
85	54.8	41.3	61.9
99	62.5	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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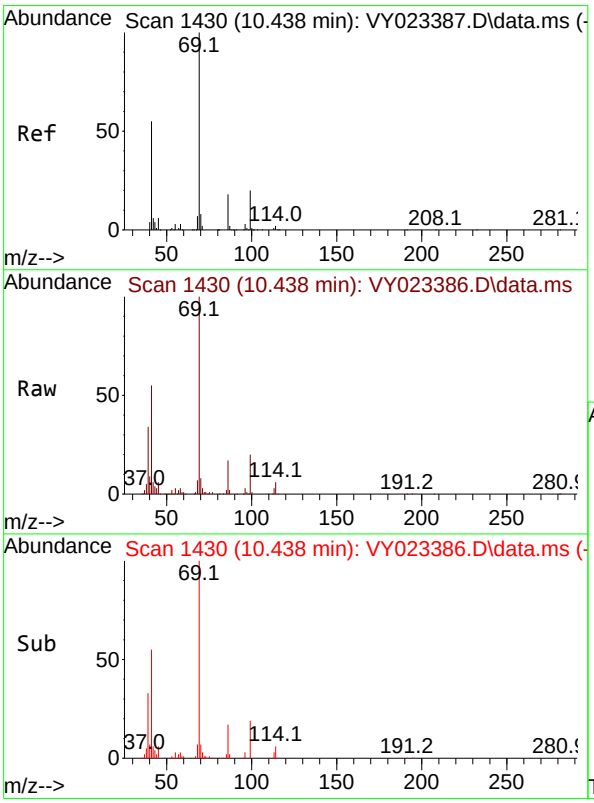
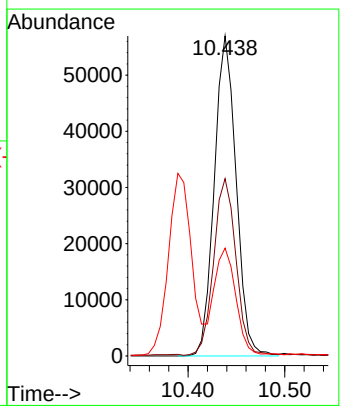
Supervised By :Mahesh Dadoda 10/10/2025

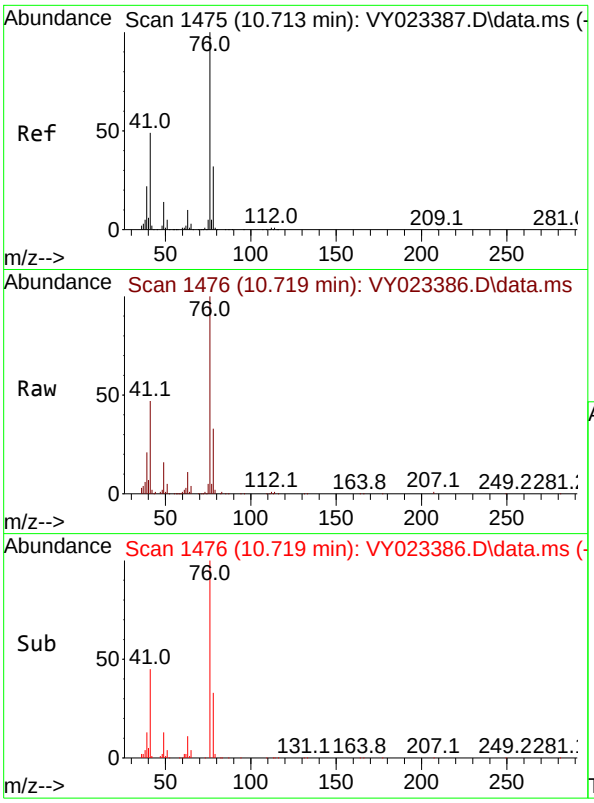


#56
Ethyl methacrylate
Concen: 18.613 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 69 Resp: 89244

Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.6	67.0
39	34.5	27.0	40.4





#57
1,3-Dichloropropane
Concen: 19.389 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 76 Resp: 13065(

Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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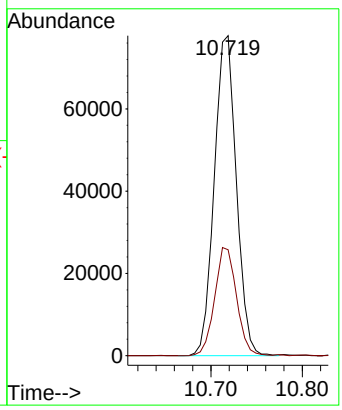
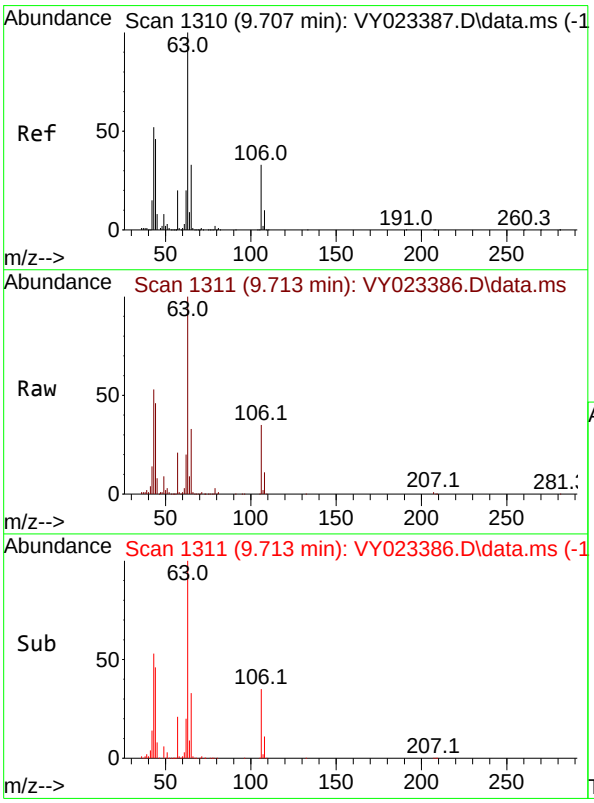
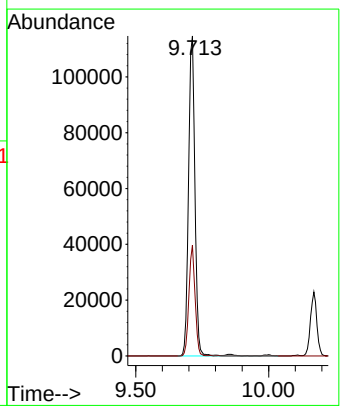


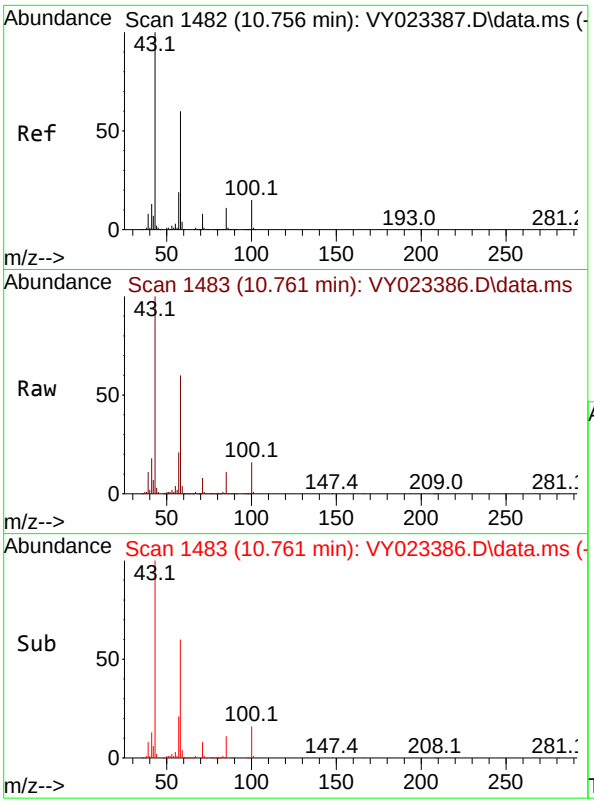


#58
2-Chloroethyl Vinyl ether
Concen: 90.982 ug/l m
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 63 Resp: 190850

Ion	Ratio	Lower	Upper
63	100		
106	32.9	26.6	39.8





#59
2-Hexanone
Concen: 94.190 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 18738

Ion	Ratio	Lower	Upper
43	100		
58	60.2	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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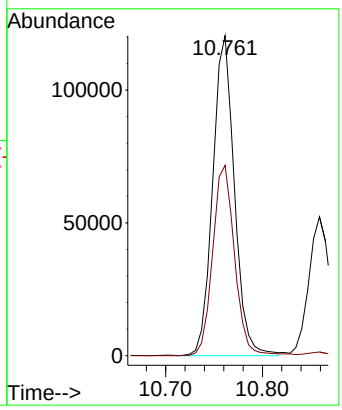
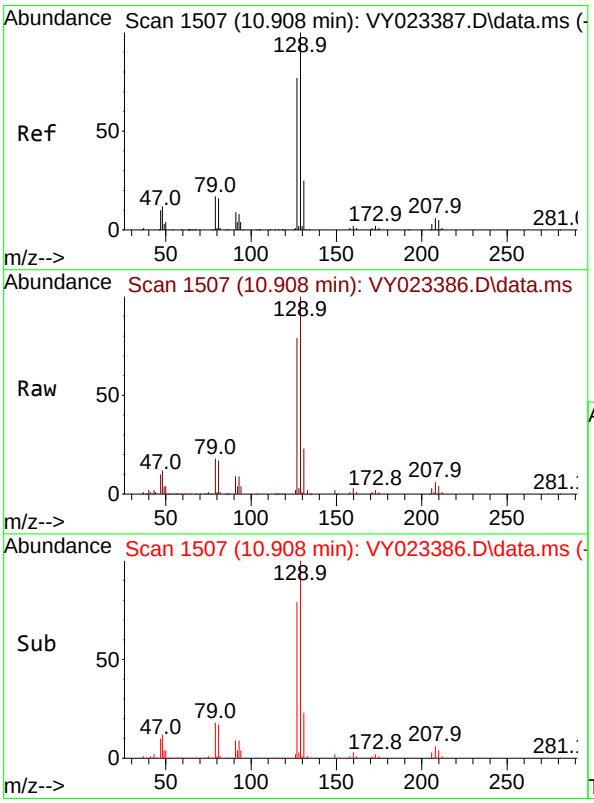
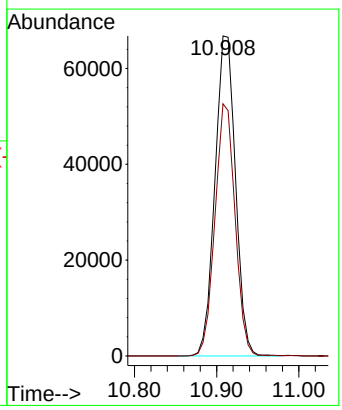


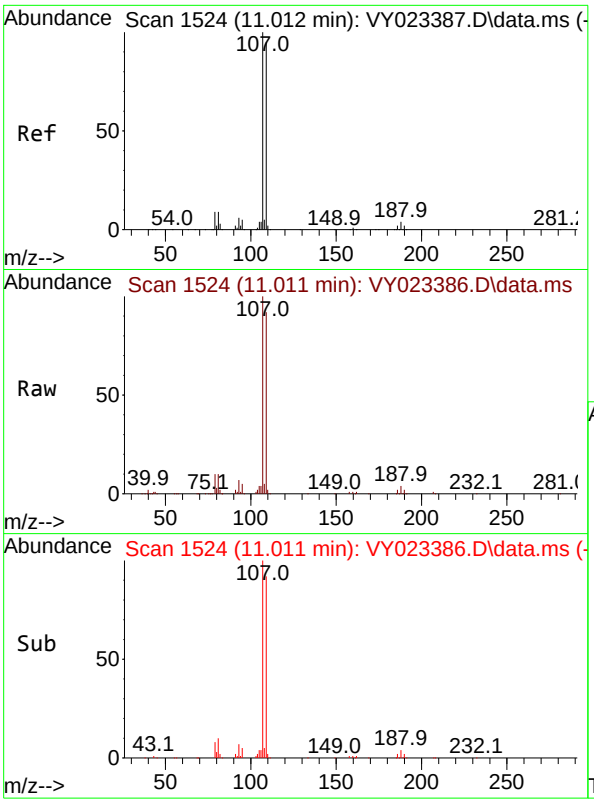


#60
Dibromochloromethane
Concen: 20.412 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:129 Resp: 115907

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7





#61
1,2-Dibromoethane
Concen: 20.062 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:107 Resp: 7857

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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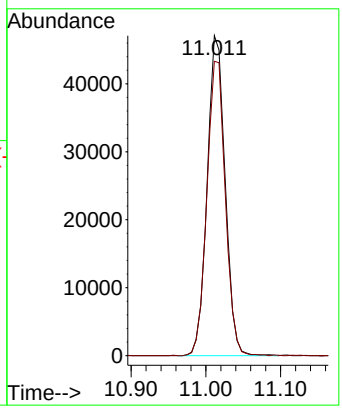
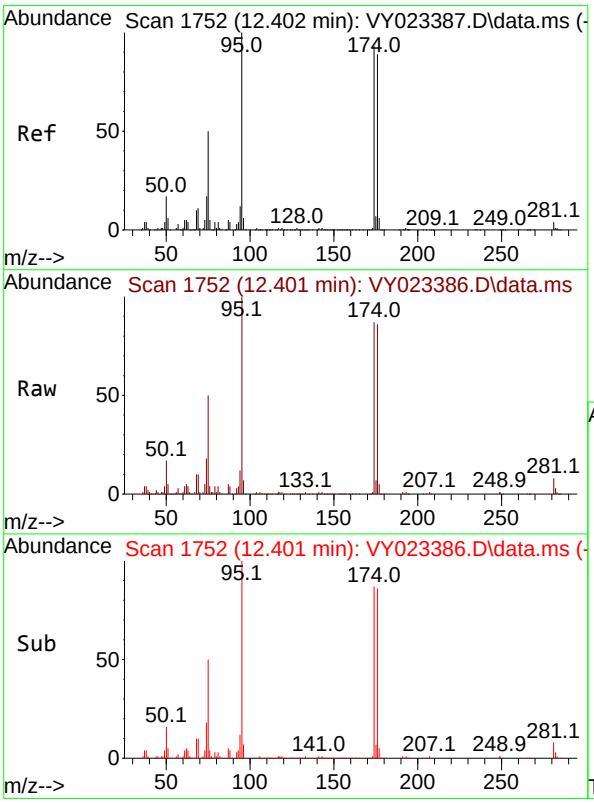
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

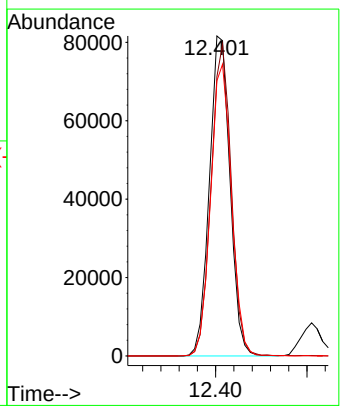


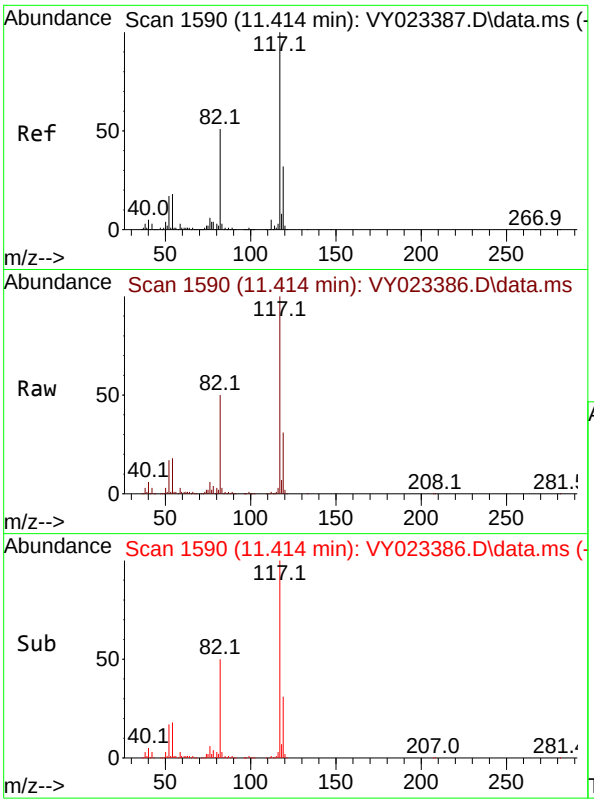


#62
4-Bromofluorobenzene
Concen: 20.680 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 95 Resp: 127216

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	192.8
176	92.7	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:117 Resp: 74687

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	31.4	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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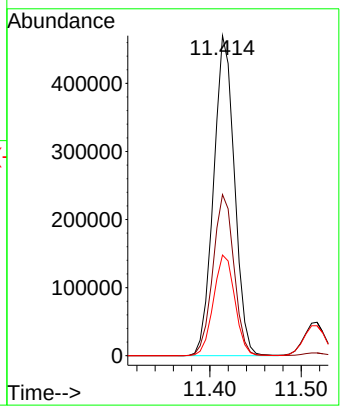
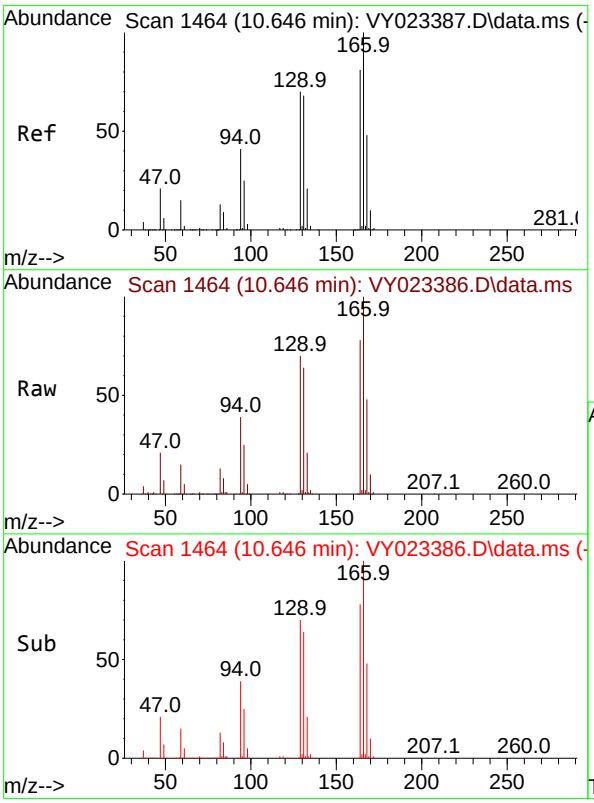
Supervised By :Mahesh Dadoda 10/10/2025

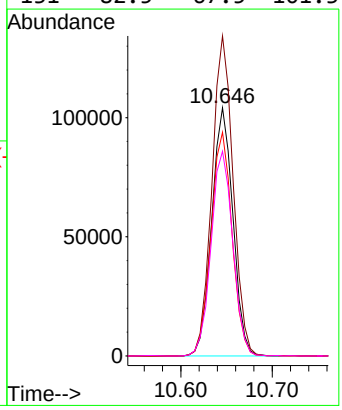


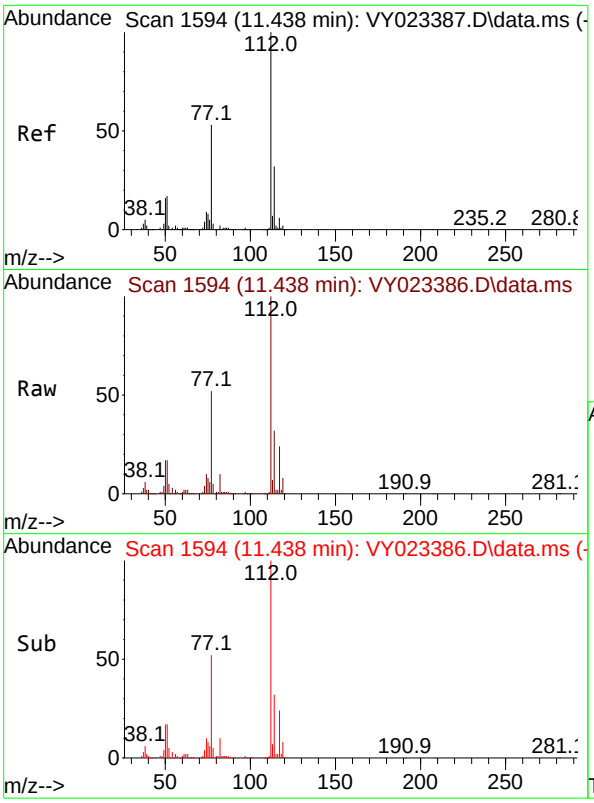


#64
Tetrachloroethene
Concen: 22.438 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:164 Resp: 167648

Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.4	149.0
129	90.1	69.4	104.2
131	82.5	67.5	101.3

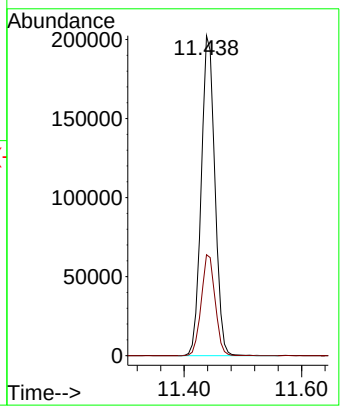




#65
Chlorobenzene
Concen: 20.109 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:112 Resp: 32636

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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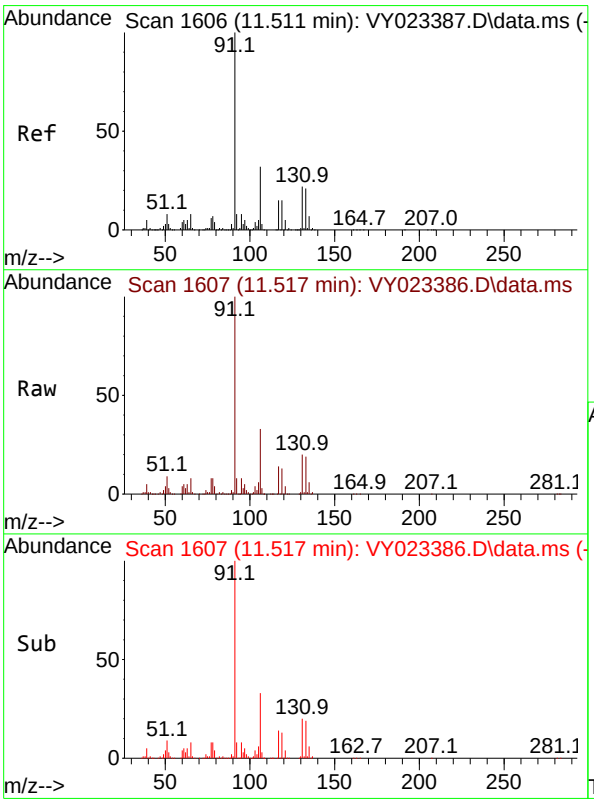
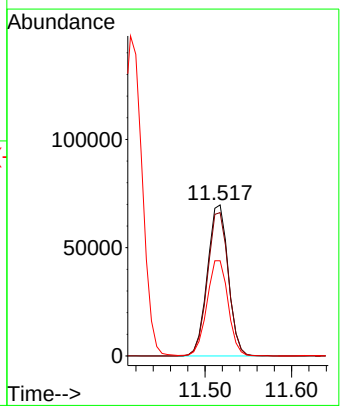
Supervised By :Mahesh Dadoda 10/10/2025

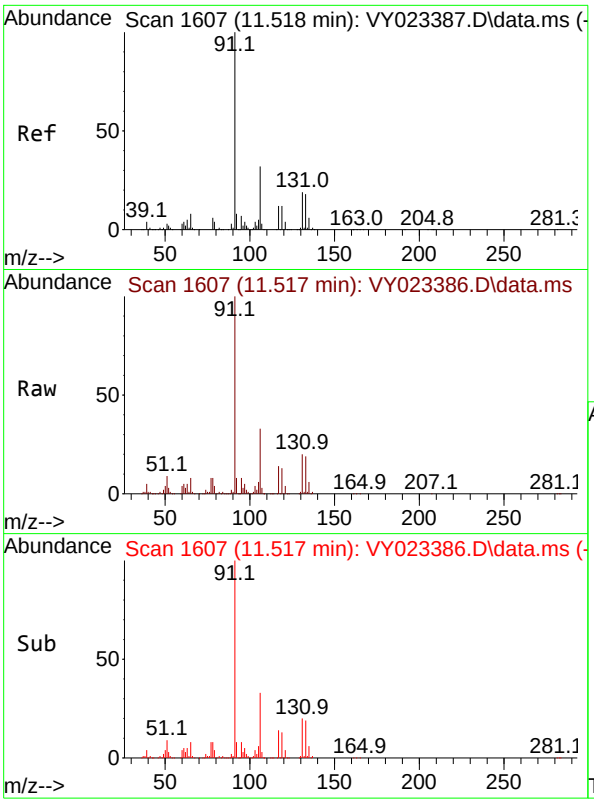


#66
1,1,1,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:131 Resp: 116412

Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.2
119	64.4	32.4	97.2

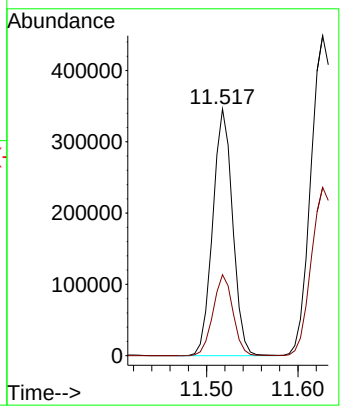




#67
Ethyl Benzene
Concen: 19.768 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 52360

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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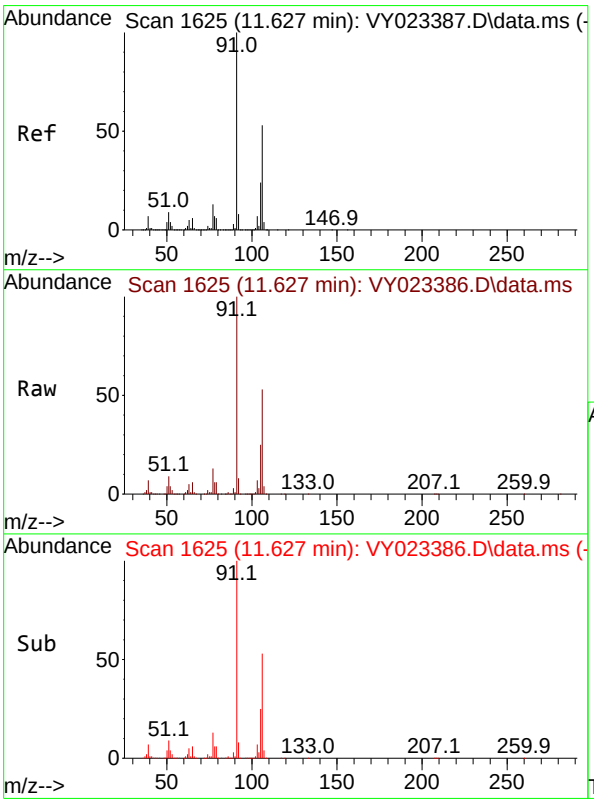
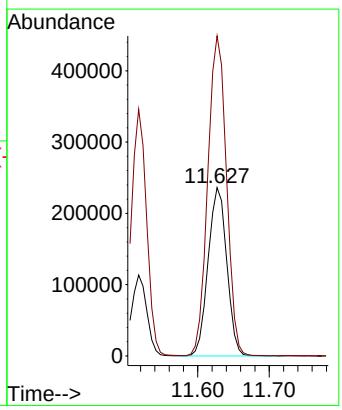
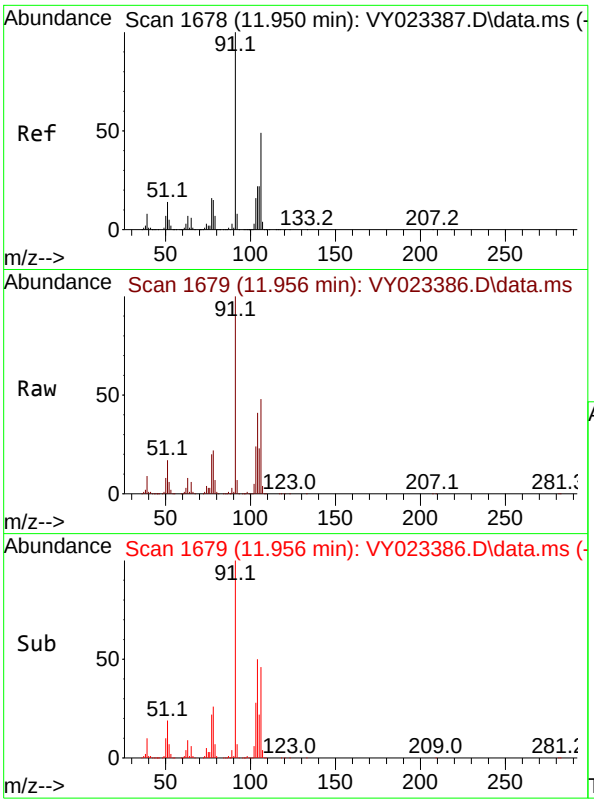


#68
m/p-Xylenes
Concen: 40.211 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:106 Resp: 426913

Ion	Ratio	Lower	Upper
106	100		
91	190.8	152.6	229.0

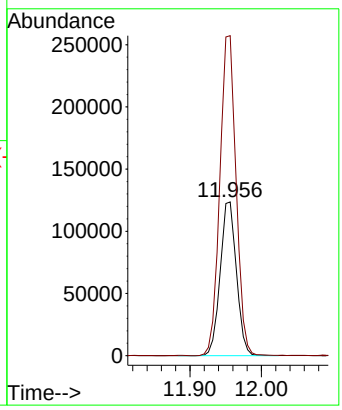




#69
o-Xylene
Concen: 19.843 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:106 Resp: 19502

Ion	Ratio	Lower	Upper
106	100		
91	208.5	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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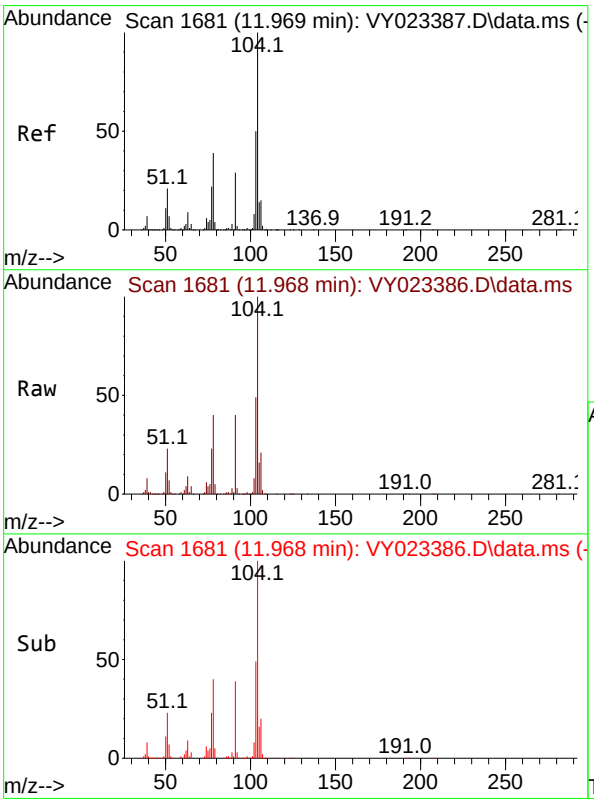
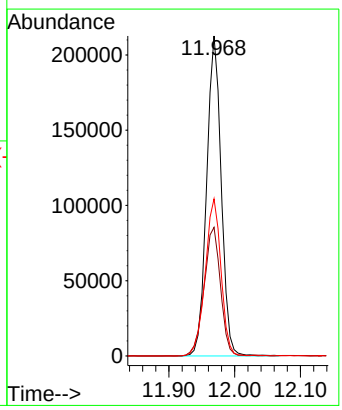
Supervised By :Mahesh Dadoda 10/10/2025

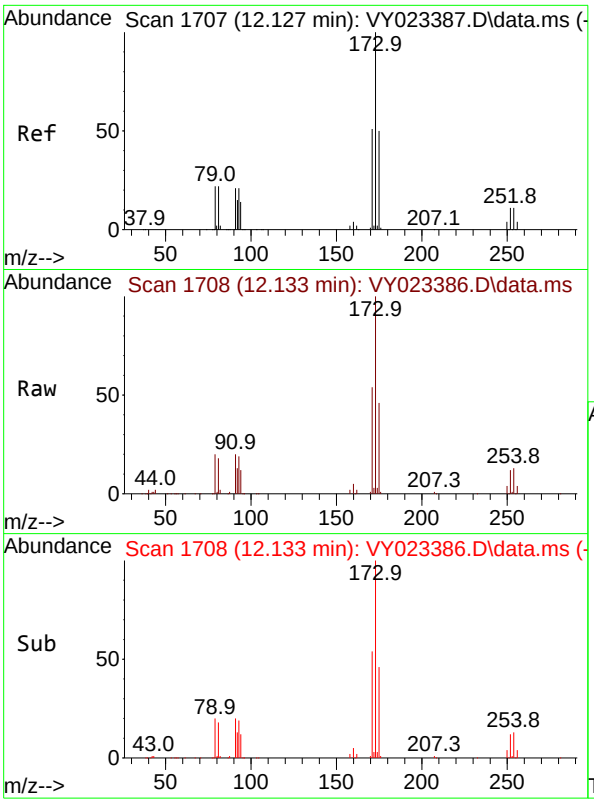


#70
Styrene
Concen: 20.208 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:104 Resp: 327934

Ion	Ratio	Lower	Upper
104	100		
78	45.4	36.1	54.1
103	53.3	43.2	64.8

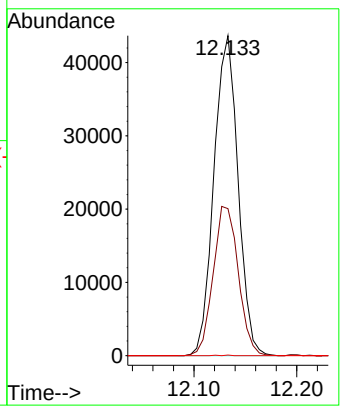




#71
Bromoform
Concen: 20.814 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:173 Resp: 7111

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.3
254	0.0	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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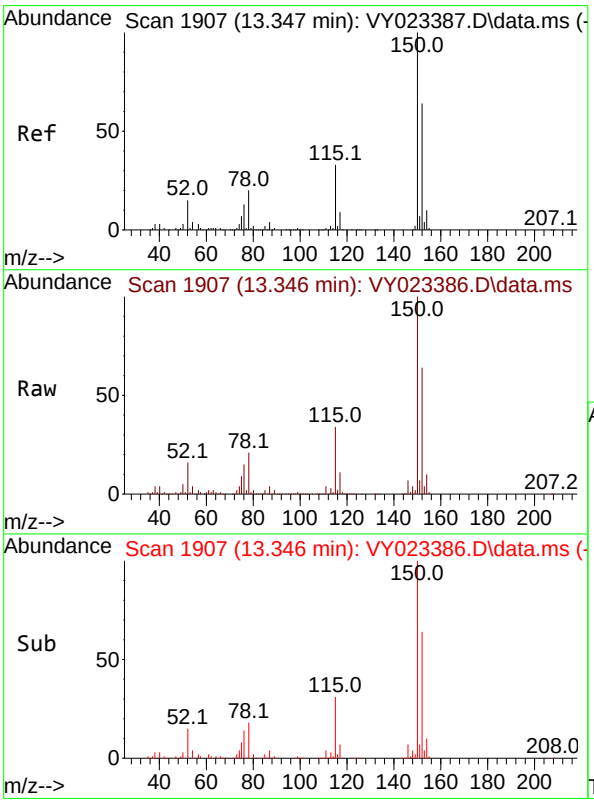
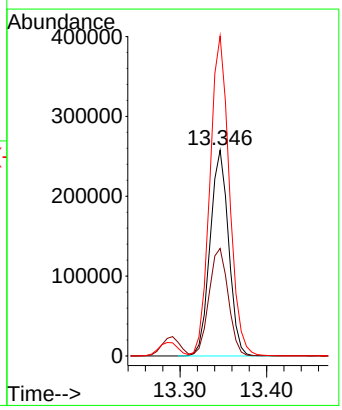
Supervised By :Mahesh Dadoda 10/10/2025

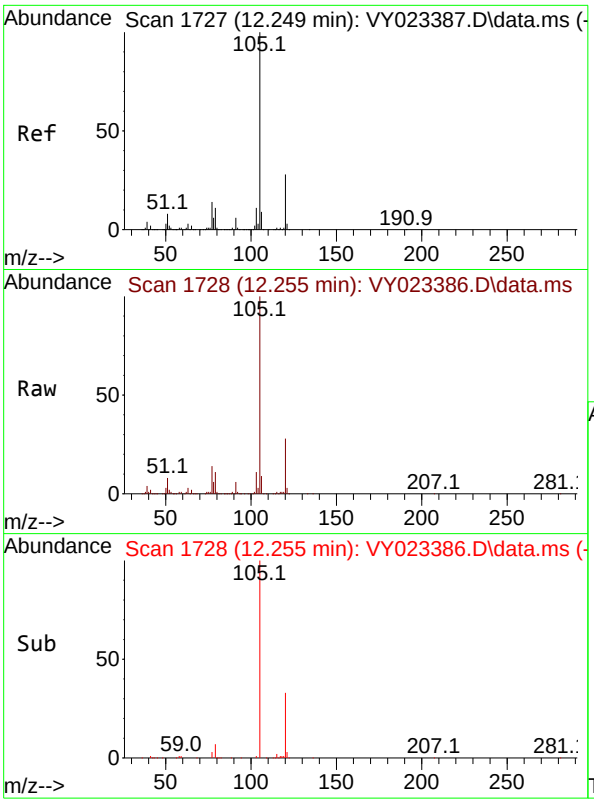


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:152 Resp: 382604

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.2
150	163.2	0.0	347.4

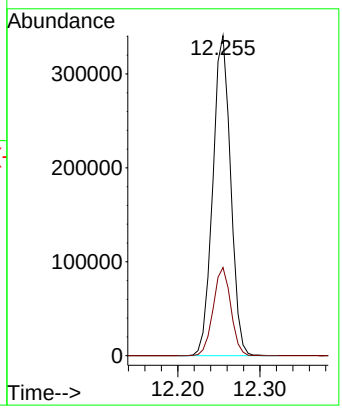




#73
Isopropylbenzene
Concen: 20.136 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 51318

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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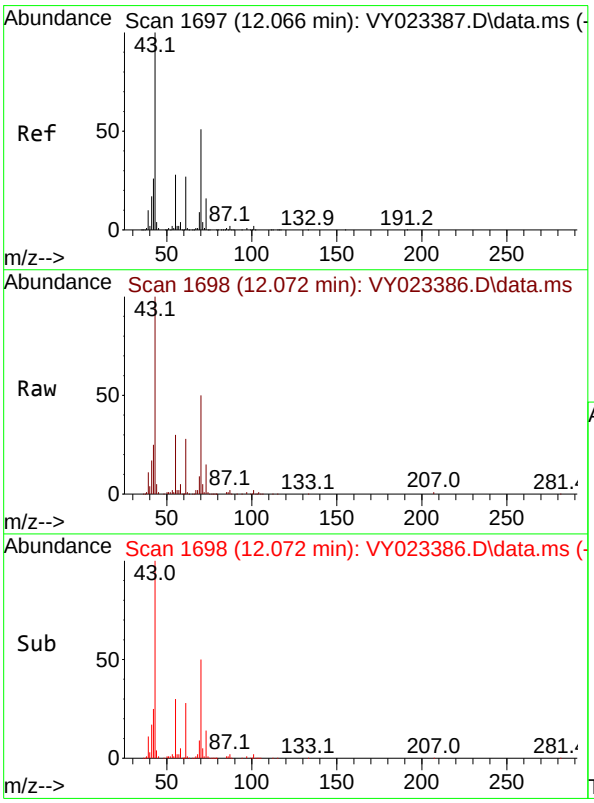
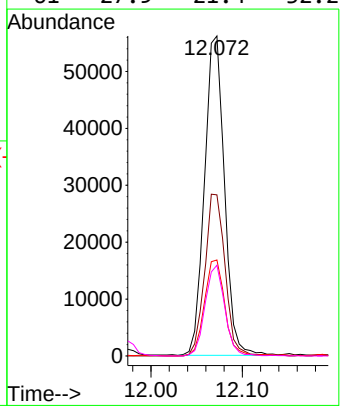
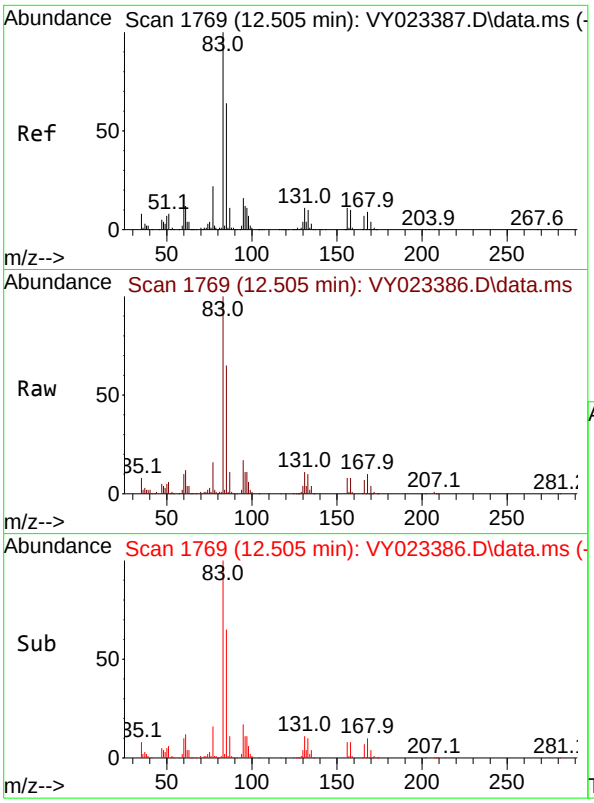


#74
N-amyl acetate
Concen: 17.860 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 85063

Ion	Ratio	Lower	Upper
43	100		
70	51.8	41.1	61.7
55	30.6	23.0	34.6
61	27.9	21.4	32.2

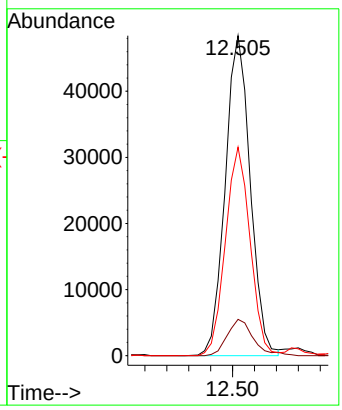




#75
1,1,2,2-Tetrachloroethane
Concen: 18.069 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 83 Resp: 7682

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.6
85	64.1	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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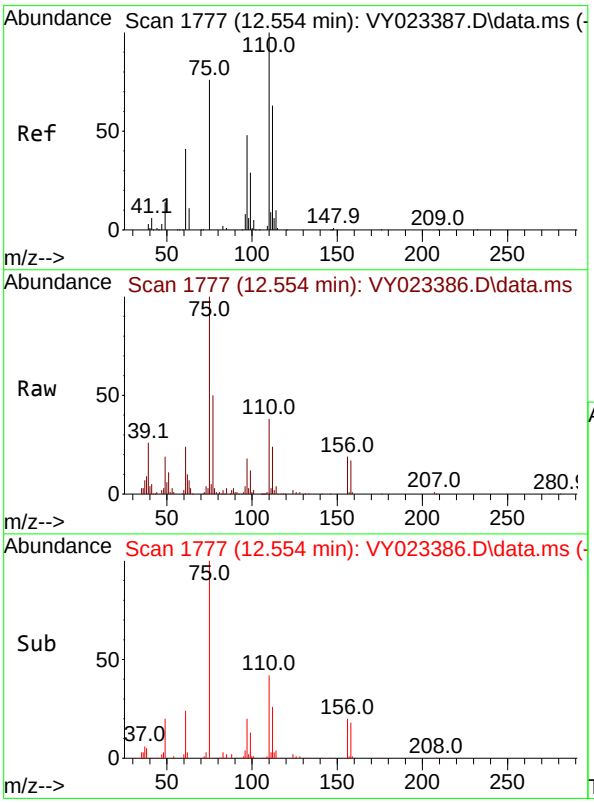
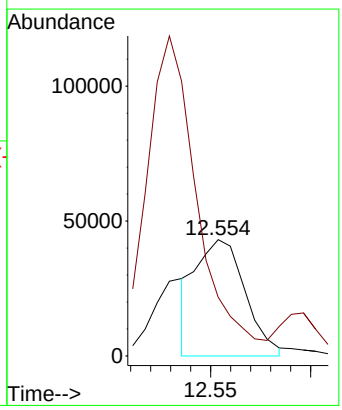
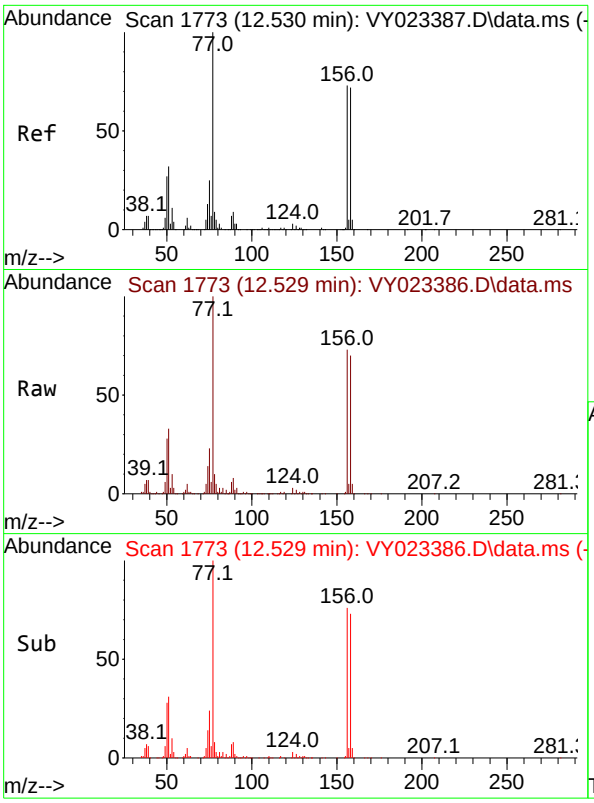


#76
1,2,3-Trichloropropane
Concen: 19.634 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 74100

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

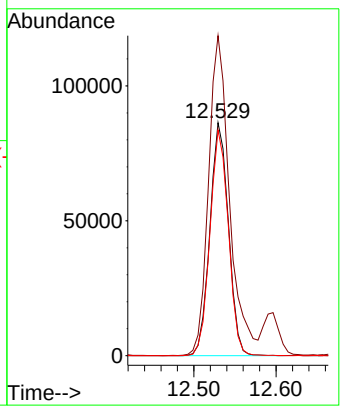




#77
Bromobenzene
Concen: 20.700 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:156 Resp: 13540

Ion	Ratio	Lower	Upper
156	100		
77	156.2	76.8	230.5
158	96.1	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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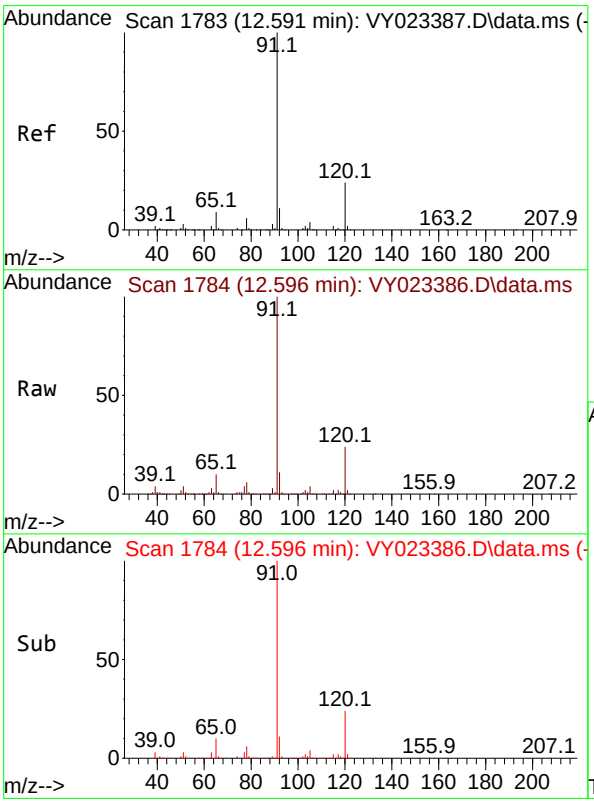
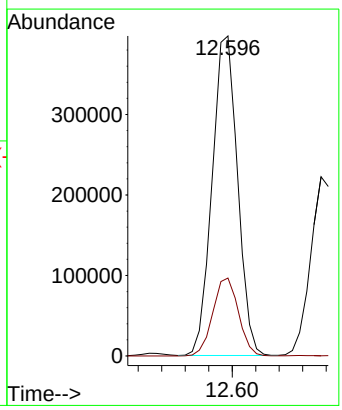
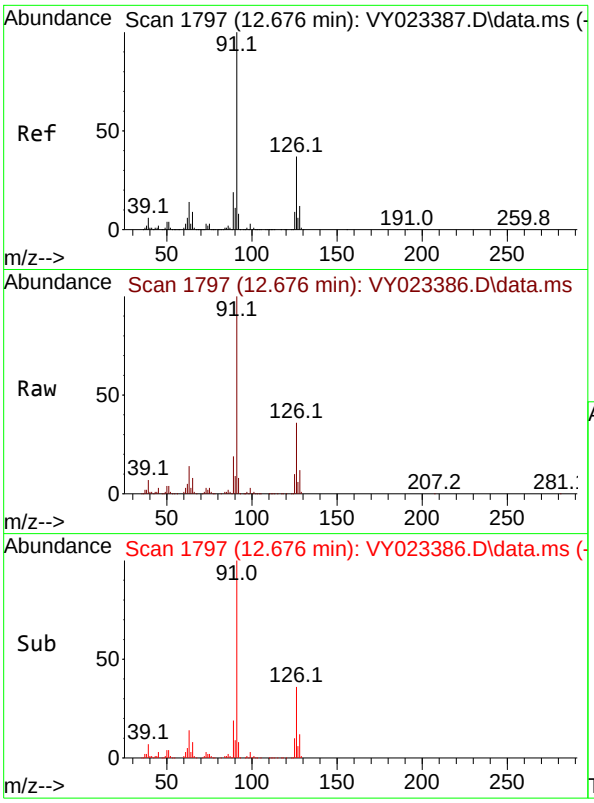


#78
n-propylbenzene
Concen: 19.945 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 597829

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.8

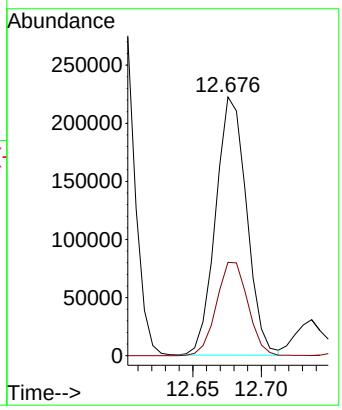




#79
2-Chlorotoluene
Concen: 20.179 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 34920

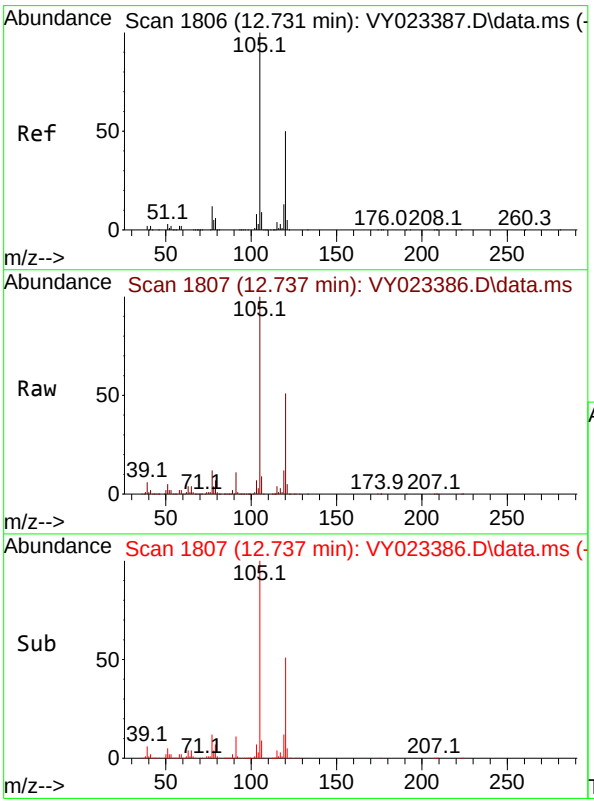
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

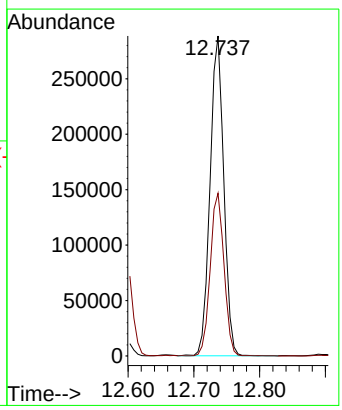
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

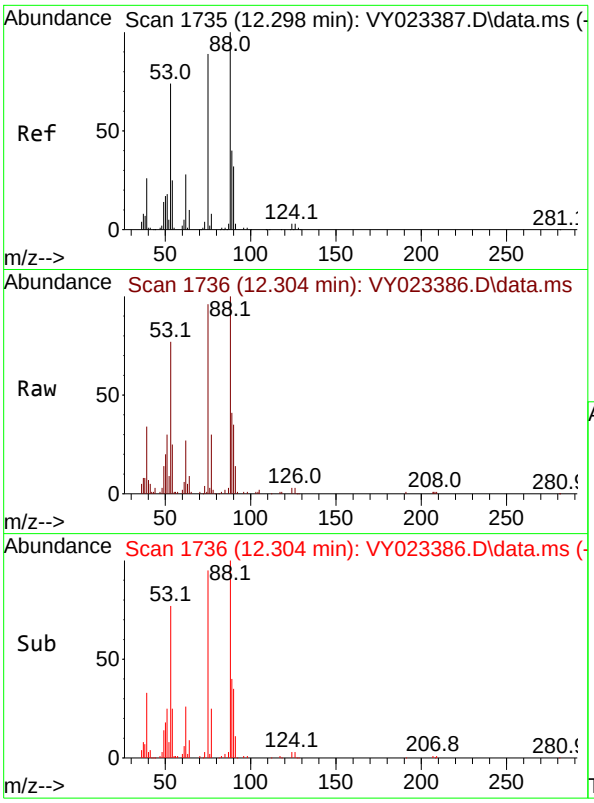


#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 418684

Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.234 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

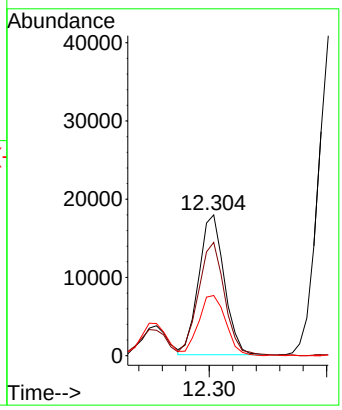
Tgt Ion: 75 Resp: 2692

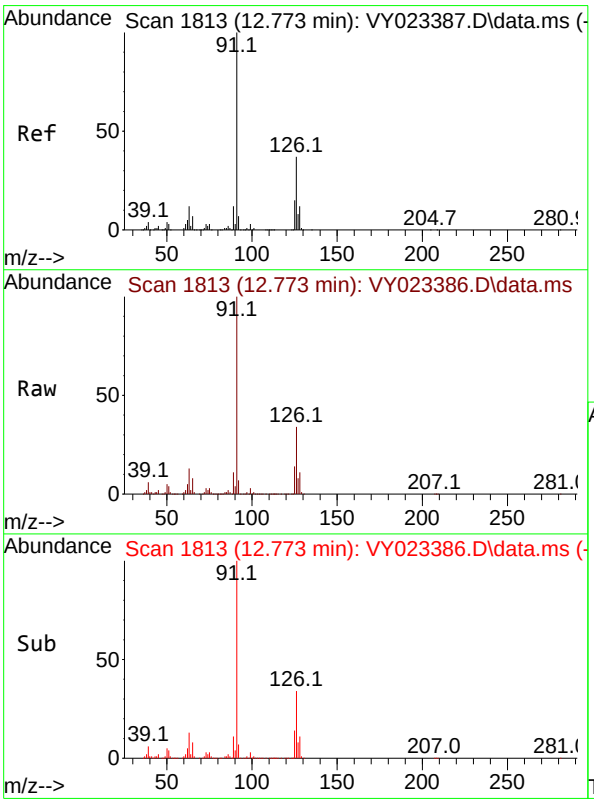
Ion	Ratio	Lower	Upper
75	100		
53	84.4	68.6	102.8
89	46.4	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

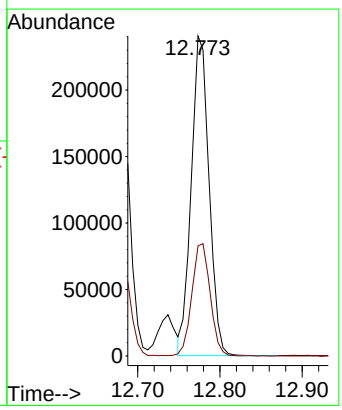


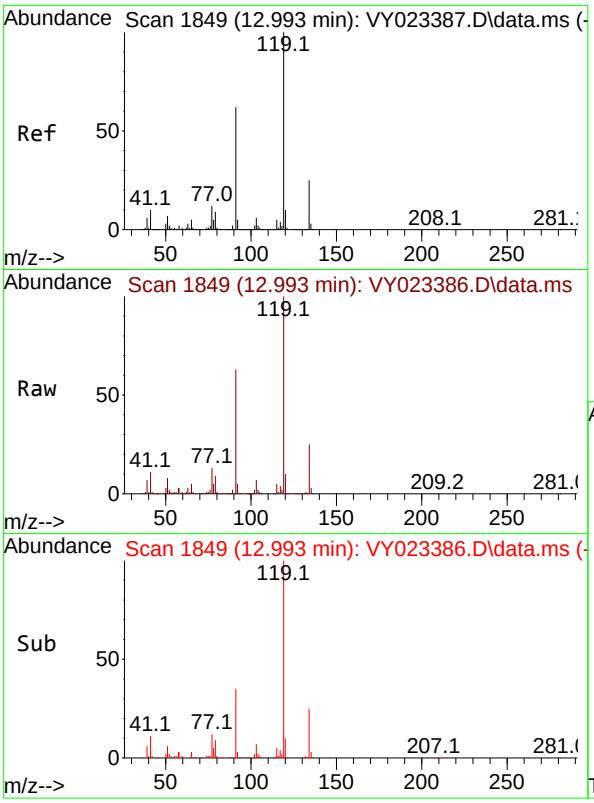


#82
4-Chlorotoluene
Concen: 20.000 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 361458

Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.4	55.4

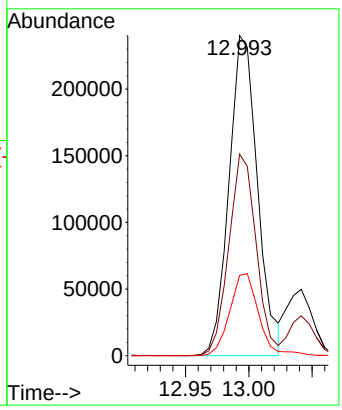




#83
tert-Butylbenzene
Concen: 19.983 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:119 Resp: 37727

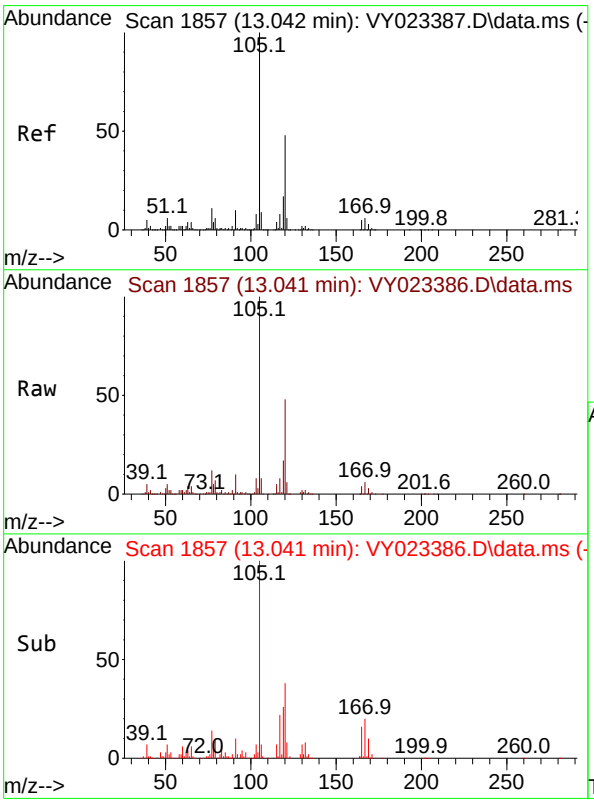
Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.9	89.8
134	26.1	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

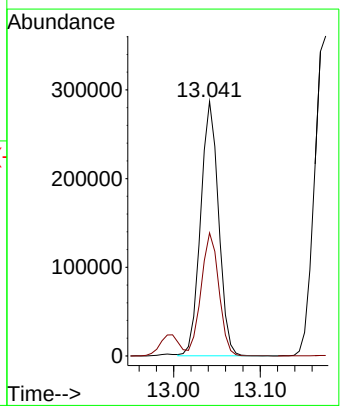
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

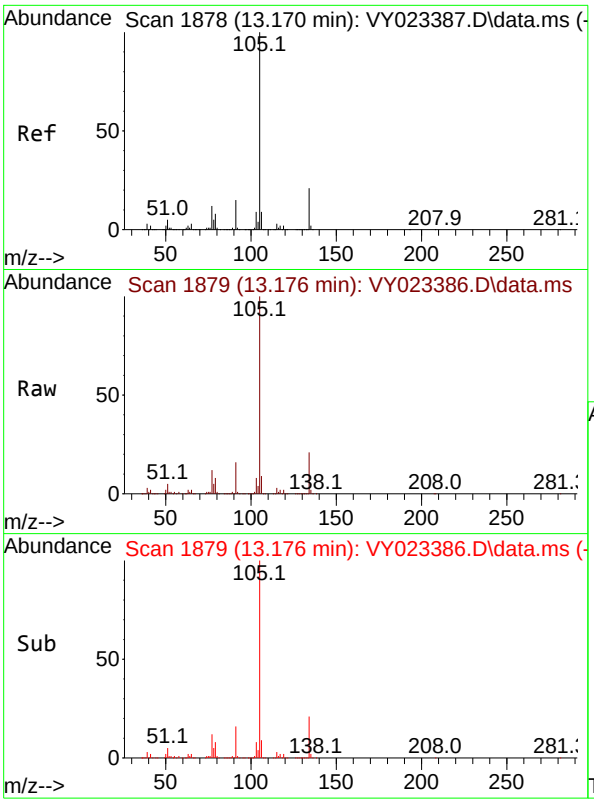


#84
1,2,4-Trimethylbenzene
Concen: 20.162 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 413292

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.2

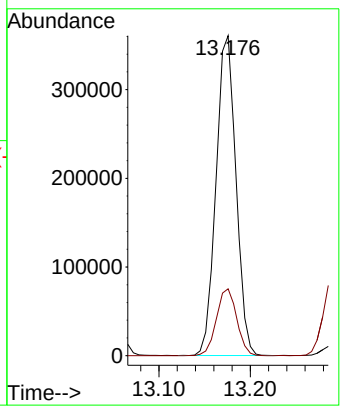




#85
sec-Butylbenzene
Concen: 19.990 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 54658

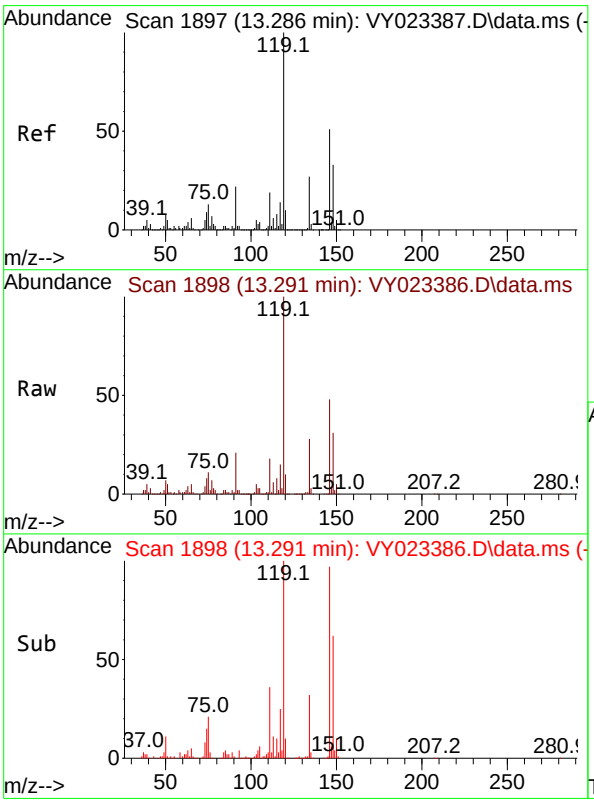
Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

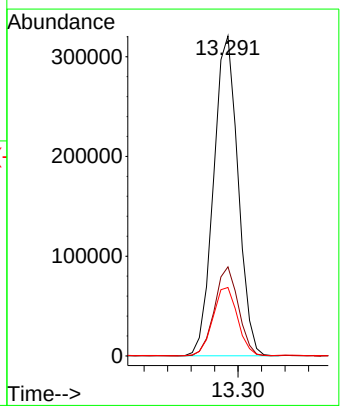
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

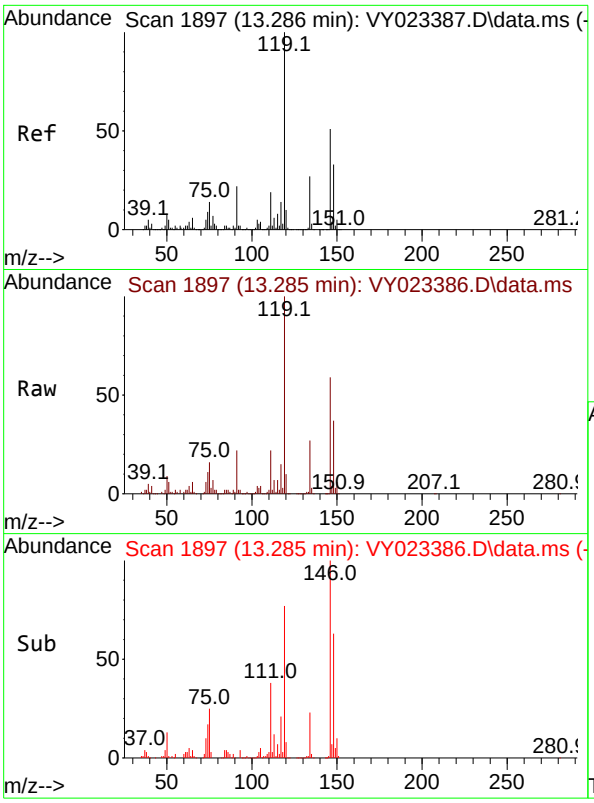


#86
p-Isopropyltoluene
Concen: 20.081 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:119 Resp: 464005

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.6	10.9	32.9

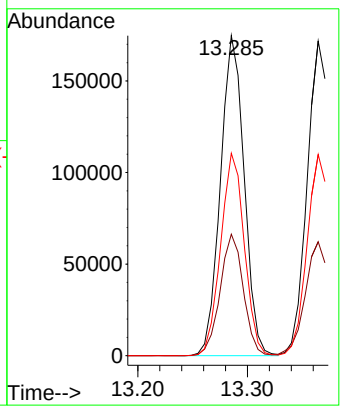




#87
1,3-Dichlorobenzene
Concen: 20.347 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:146 Resp: 26290

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.1	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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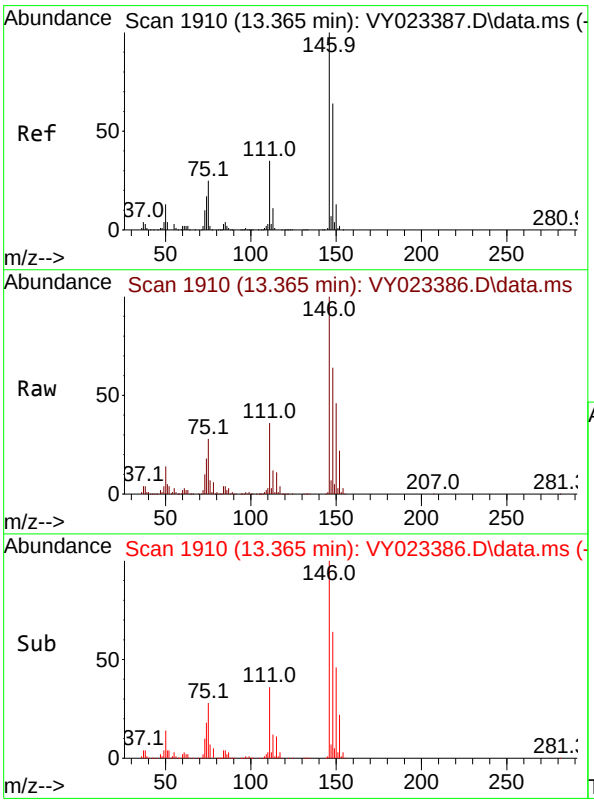
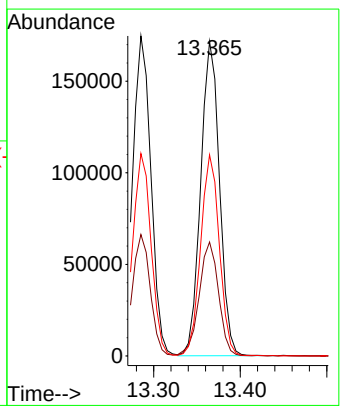
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

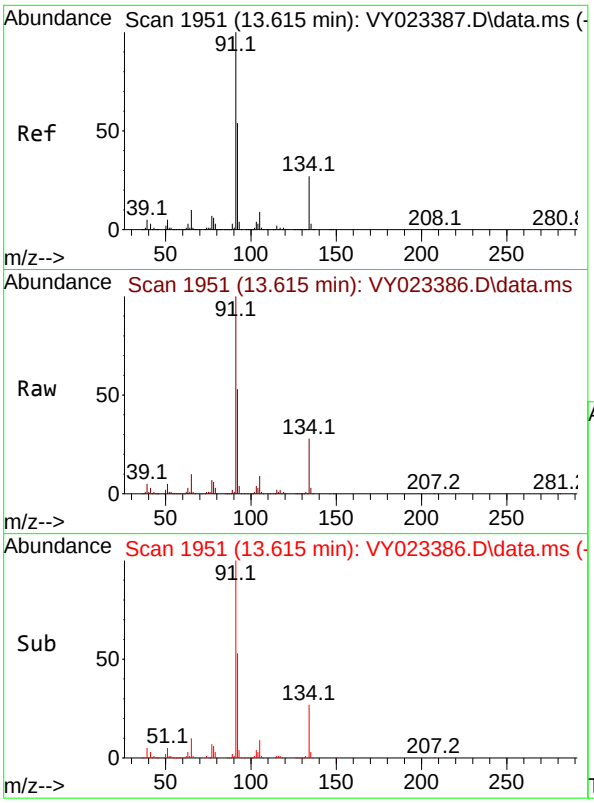


#88
1,4-Dichlorobenzene
Concen: 20.230 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:146 Resp: 259217

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.0	54.0
148	63.6	31.9	95.7

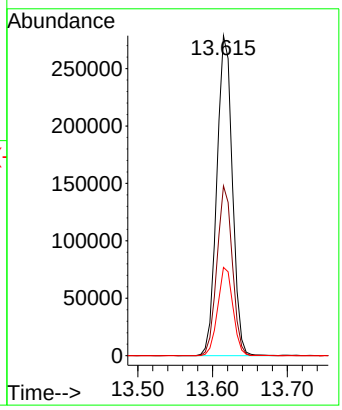




#89
n-Butylbenzene
Concen: 19.697 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 40189

Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	27.3	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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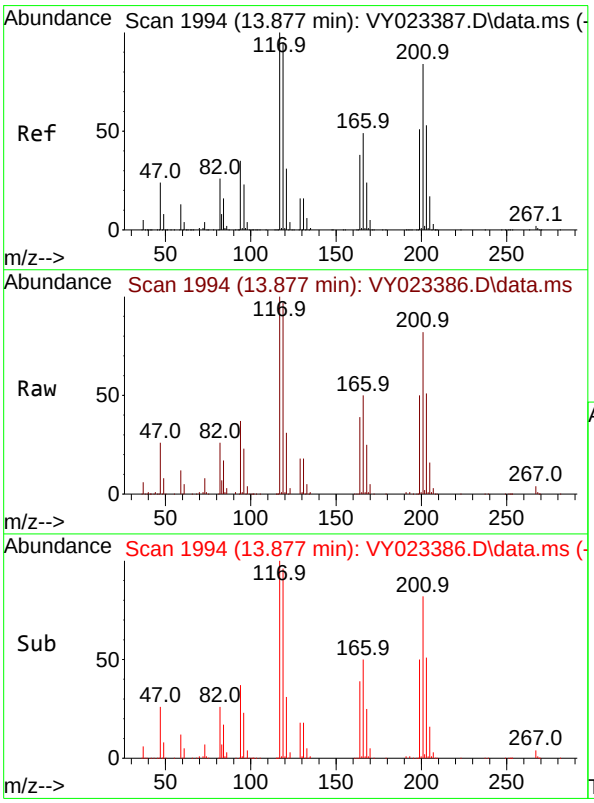
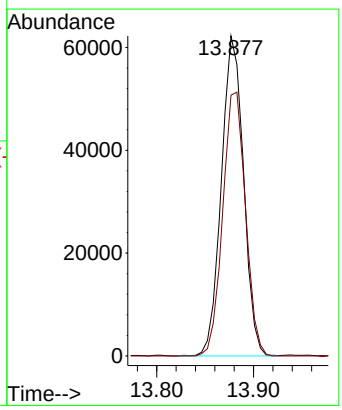
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

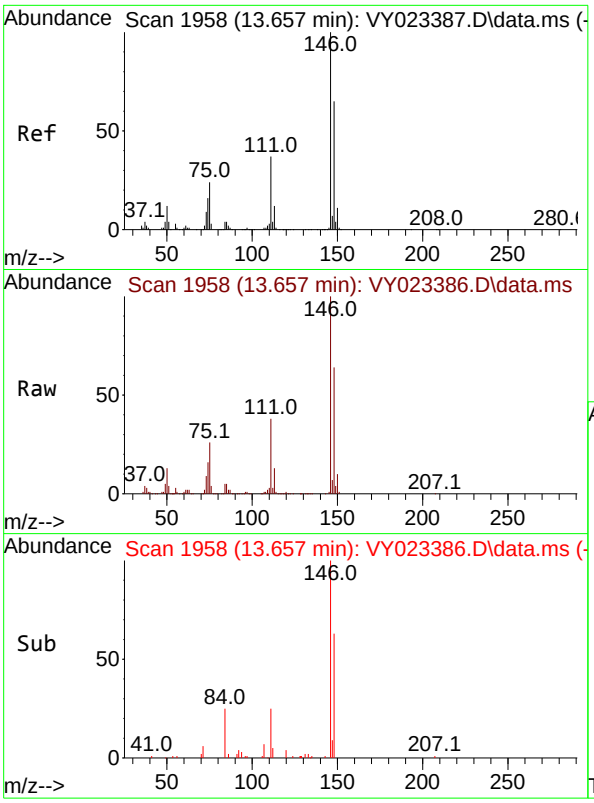


#90
Hexachloroethane
Concen: 19.730 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:117 Resp: 98983

Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.8	131.4

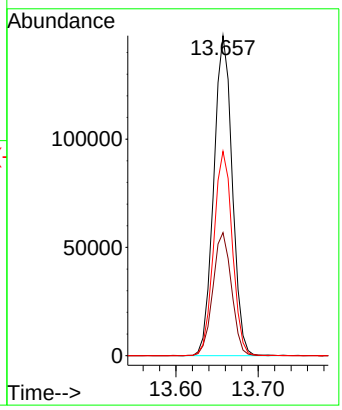




#91
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:146 Resp: 23119

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	64.1	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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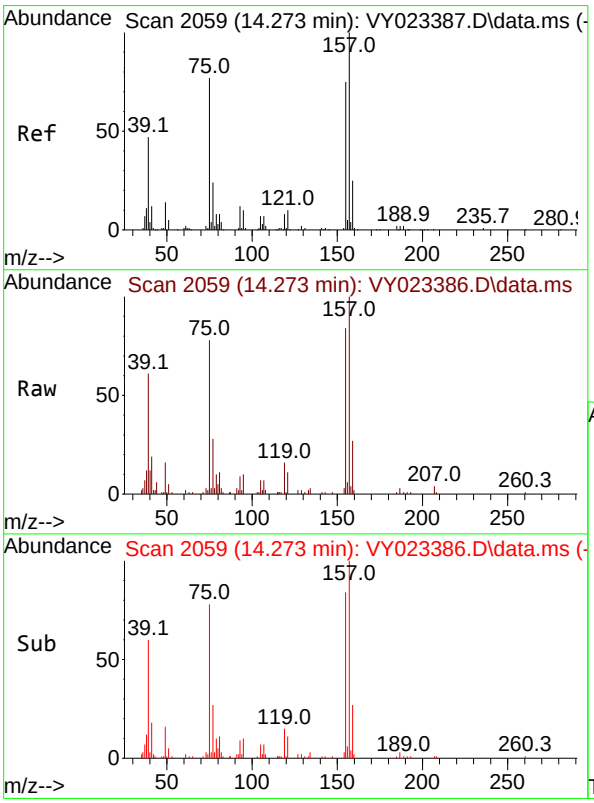
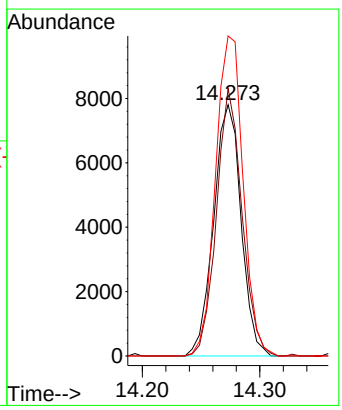
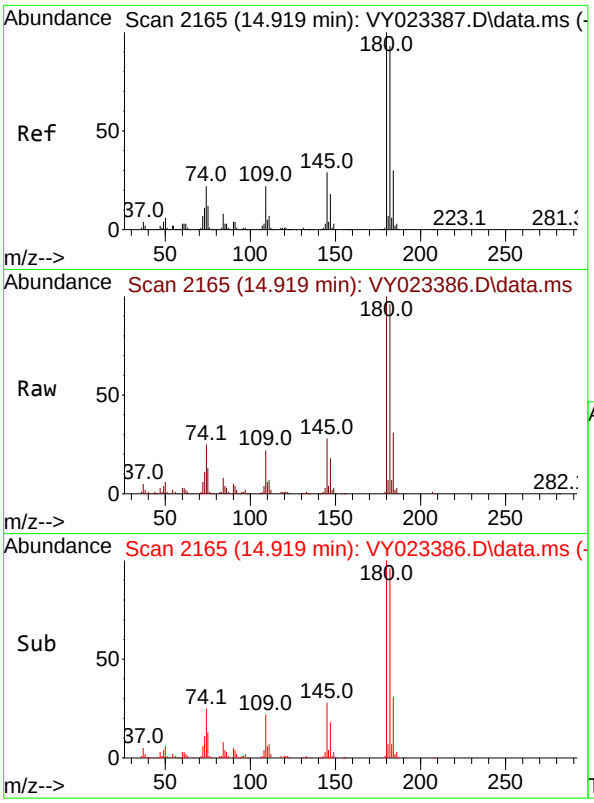


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.802 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 12668

Ion	Ratio	Lower	Upper
75	100		
155	99.1	50.0	150.0
157	127.9	63.8	191.5

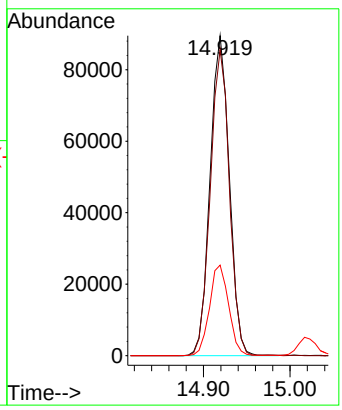




#93
1,2,4-Trichlorobenzene
Concen: 20.770 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:180 Resp: 13796

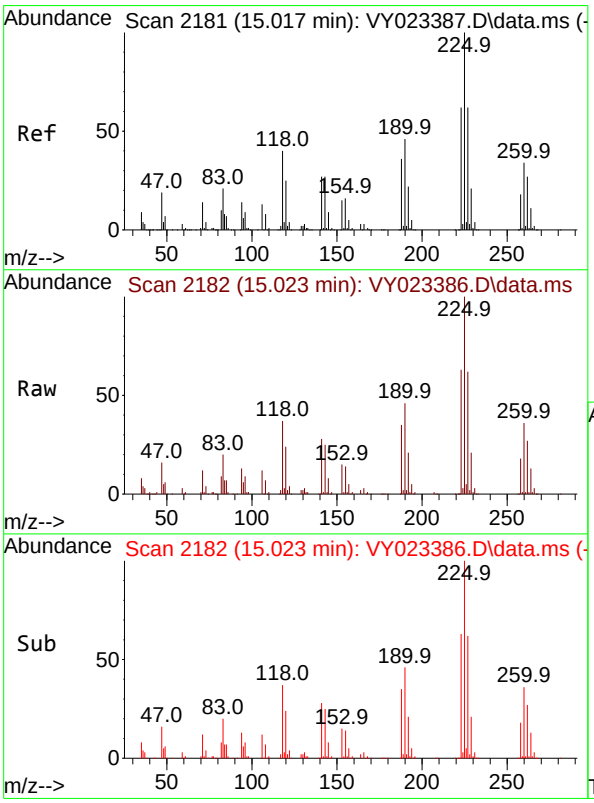
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	28.3	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

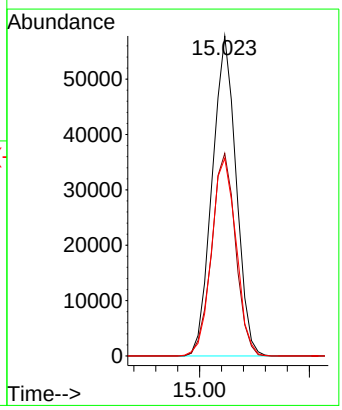
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

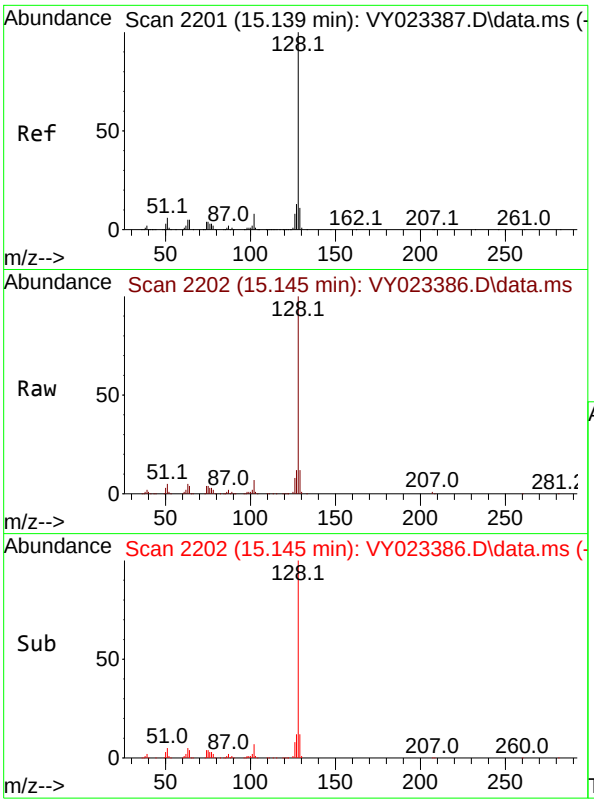


#94
Hexachlorobutadiene
Concen: 21.159 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:225 Resp: 87575

Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.8	92.3
227	63.4	31.9	95.7

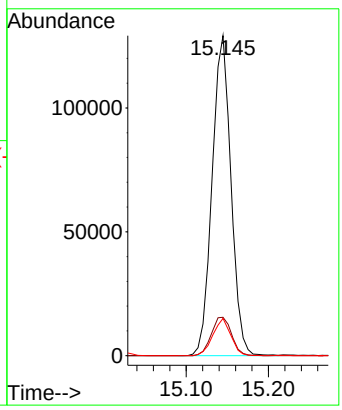




#95
Naphthalene
Concen: 19.467 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:128 Resp: 20601

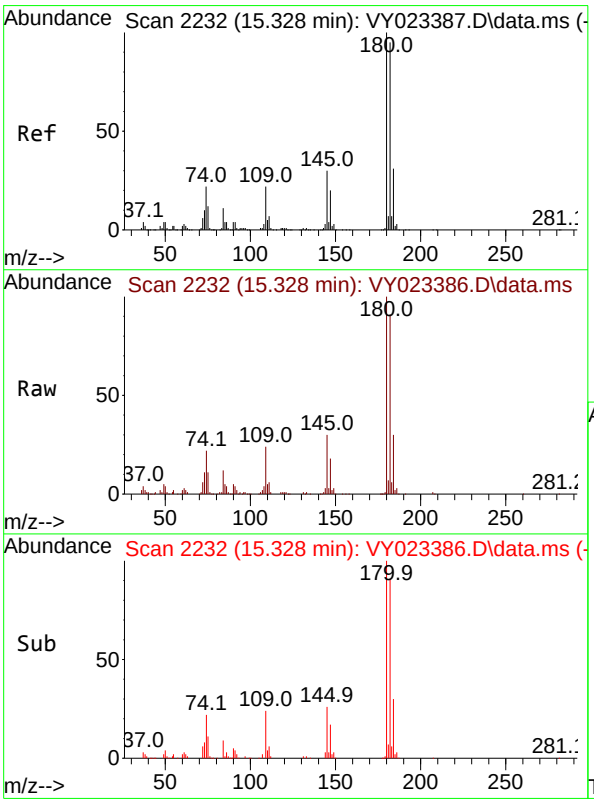
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

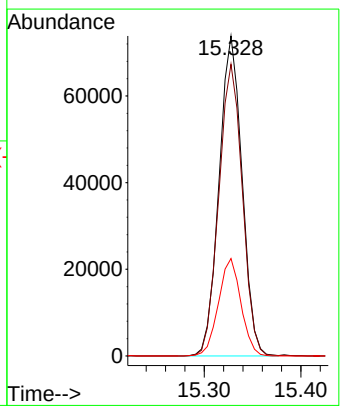
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.113 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:180 Resp: 121656

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.8
145	29.8	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	590340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	858767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	749869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	392169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231295	45.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.480%			
35) Dibromofluoromethane	7.634	113	256331	49.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.360%			
50) Toluene-d8	10.103	98	969649	49.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.402	95	313426	50.546	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	189467	40.745	ug/l	100
3) Chloromethane	2.068	50	265142	40.113	ug/l	100
4) Vinyl Chloride	2.202	62	352993	42.293	ug/l	100
5) Bromomethane	2.592	94	277005	40.458	ug/l	100
6) Chloroethane	2.733	64	244551	43.157	ug/l	100
7) Trichlorofluoromethane	3.056	101	496981	46.354	ug/l	100
8) Diethyl Ether	3.452	74	126634	45.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	258100	45.039	ug/l	100
10) Methyl Iodide	4.001	142	317731	47.979	ug/l	100
11) Tert butyl alcohol	4.860	59	73642	244.793	ug/l	100
12) 1,1-Dichloroethene	3.787	96	252190	45.738	ug/l	100
13) Acrolein	3.647	56	123642	242.575	ug/l	100
14) Allyl chloride	4.379	41	310569	44.989	ug/l	100
15) Acrylonitrile	5.055	53	240668	219.075	ug/l	100
16) Acetone	3.866	43	247122	214.955	ug/l	100
17) Carbon Disulfide	4.104	76	722982	42.028	ug/l	100
18) Methyl Acetate	4.385	43	144816	49.563	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	601934	46.626	ug/l	100
20) Methylene Chloride	4.616	84	270612	43.409	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	277516	45.256	ug/l	100
22) Diisopropyl ether	6.019	45	686481	44.844	ug/l	100
23) Vinyl Acetate	5.958	43	1843784	219.119	ug/l	100
24) 1,1-Dichloroethane	5.915	63	448267	44.423	ug/l	100
25) 2-Butanone	6.890	43	310237	218.327	ug/l	100
26) 2,2-Dichloropropane	6.884	77	416391	46.440	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	320028	46.010	ug/l	100
28) Bromochloromethane	7.244	49	157414	40.211	ug/l	100
29) Tetrahydrofuran	7.262	42	187787	222.653	ug/l	100
30) Chloroform	7.421	83	493098	45.316	ug/l	100
31) Cyclohexane	7.701	56	379644	42.602	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	452713	46.347	ug/l	100
36) 1,1-Dichloropropene	7.835	75	341353	46.424	ug/l	100
37) Ethyl Acetate	6.982	43	129053	44.394	ug/l	100
38) Carbon Tetrachloride	7.817	117	413187	48.374	ug/l	100
39) Methylcyclohexane	9.109	83	452959	48.113	ug/l	100
40) Benzene	8.079	78	1080883	47.154	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	68542	45.399	ug/l		100
42) 1,2-Dichloroethane	8.152	62	270387	46.350	ug/l		100
43) Isopropyl Acetate	8.195	43	259041	45.811	ug/l		100
44) Trichloroethene	8.866	130	315104	48.982	ug/l		100
45) 1,2-Dichloropropane	9.140	63	234978	45.555	ug/l		100
46) Dibromomethane	9.231	93	148914	47.198	ug/l		100
47) Bromodichloromethane	9.420	83	377084	47.482	ug/l		100
48) Methyl methacrylate	9.219	41	126732	48.027	ug/l		100
49) 1,4-Dioxane	9.225	88	34053	1042.312	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	682879	235.772	ug/l		100
52) Toluene	10.170	92	710404	48.824	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	330392	48.438	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	390619	47.910	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	198478	47.296	ug/l		100
56) Ethyl methacrylate	10.438	69	239407	49.535	ug/l		100
57) 1,3-Dichloropropane	10.713	76	321276	47.301	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	553816	261.921	ug/l		100
59) 2-Hexanone	10.756	43	479606	239.162	ug/l		100
60) Dibromochloromethane	10.908	129	281047	49.103	ug/l		100
61) 1,2-Dibromoethane	11.012	107	191356	48.468	ug/l		100
64) Tetrachloroethene	10.646	164	392056	52.264	ug/l		100
65) Chlorobenzene	11.438	112	789650	48.460	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	279583	48.788	ug/l		100
67) Ethyl Benzene	11.518	91	1332350	50.099	ug/l		100
68) m/p-Xylenes	11.627	106	1077583	101.092	ug/l		100
69) o-Xylene	11.950	106	502722	50.946	ug/l		100
70) Styrene	11.969	104	831908	51.059	ug/l		100
71) Bromoform	12.127	173	172315	50.229	ug/l	#	100
73) Isopropylbenzene	12.249	105	1301009	49.803	ug/l		100
74) N-amyl acetate	12.066	43	227684	46.640	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	195565	44.878	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	169814m	43.898	ug/l		
77) Bromobenzene	12.530	156	331331	49.419	ug/l		100
78) n-propylbenzene	12.591	91	1522965	49.572	ug/l		100
79) 2-Chlorotoluene	12.676	91	873335	49.235	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1061112	49.966	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	66299	46.212	ug/l		100
82) 4-Chlorotoluene	12.773	91	892764	48.192	ug/l		100
83) tert-Butylbenzene	12.993	119	988936	51.104	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1061159	50.505	ug/l		100
85) sec-Butylbenzene	13.170	105	1405003	50.133	ug/l		100
86) p-Isopropyltoluene	13.286	119	1210644	51.115	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	649899	49.072	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	636694	48.476	ug/l		100
89) n-Butylbenzene	13.615	91	1051949	50.299	ug/l		100
90) Hexachloroethane	13.877	117	245108	47.664	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	567114	49.075	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32585	47.184	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	359833	52.852	ug/l		100
94) Hexachlorobutadiene	15.017	225	226316	53.346	ug/l		100
95) Naphthalene	15.139	128	575044	53.012	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	310831	52.628	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 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

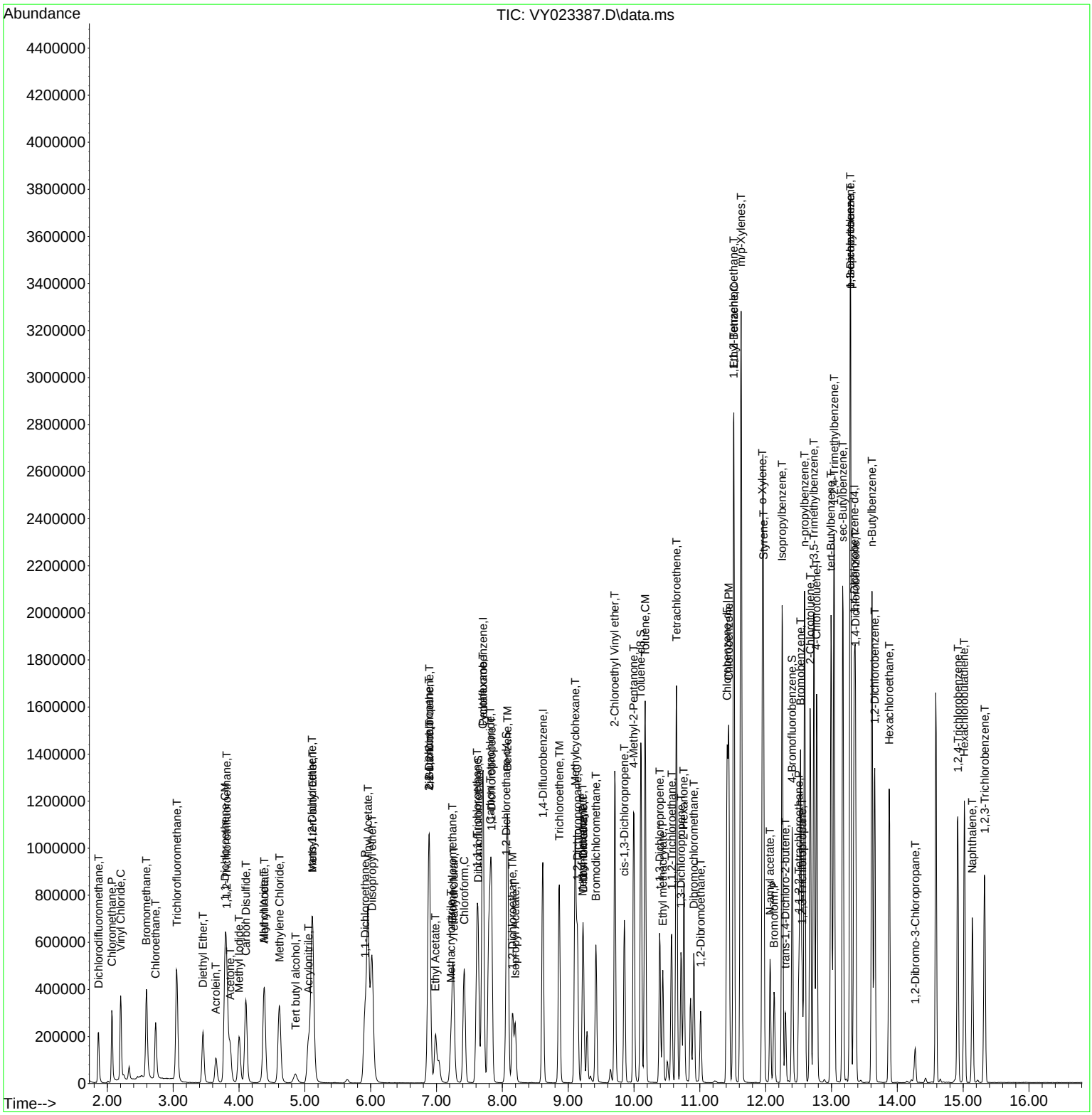
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

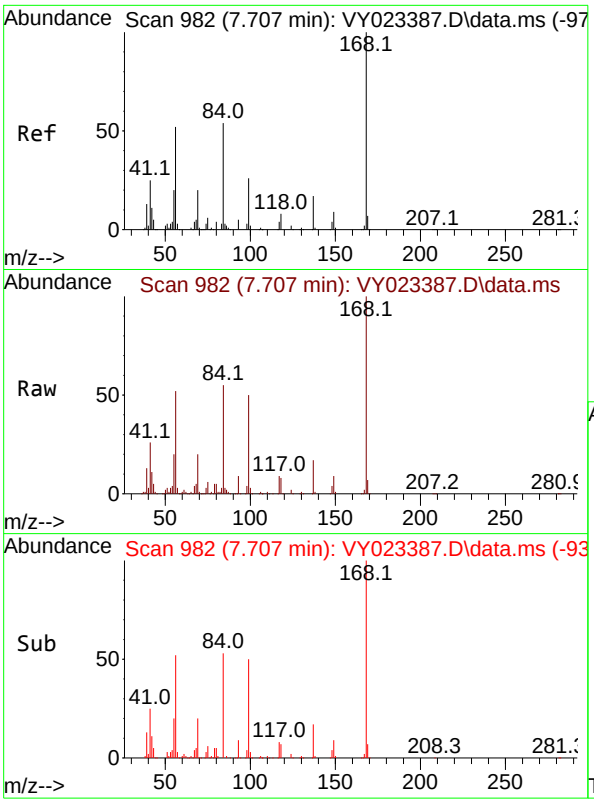
Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

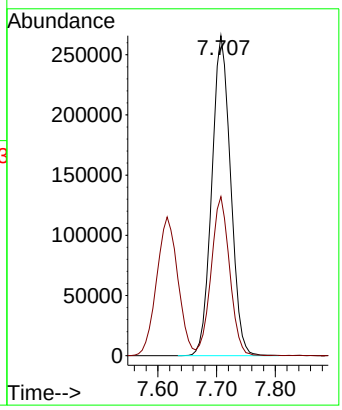




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:168 Resp: 59034

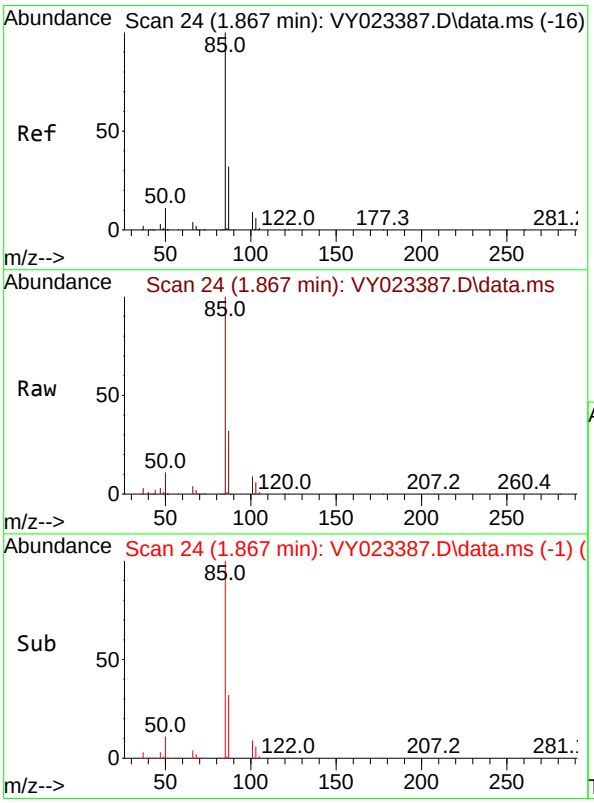
Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

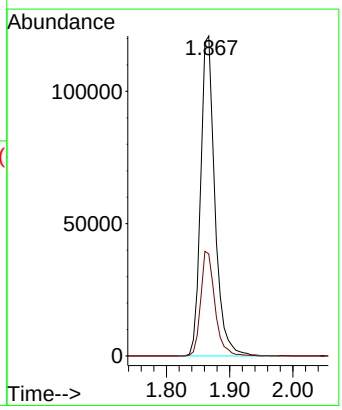
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

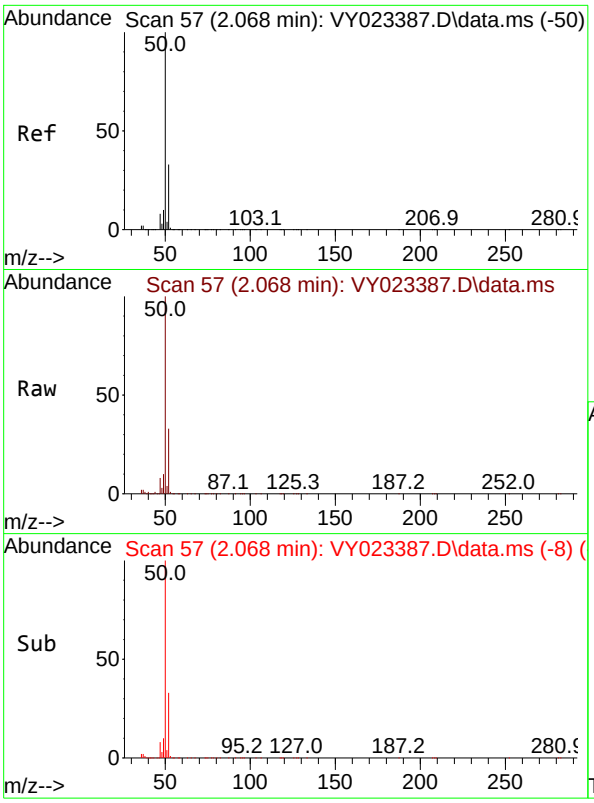


#2
Dichlorodifluoromethane
Concen: 40.745 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 85 Resp: 189467

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.0	47.9





#3
Chloromethane
Concen: 40.113 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

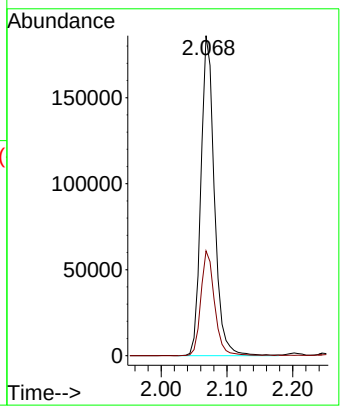
Tgt Ion: 50 Resp: 26514

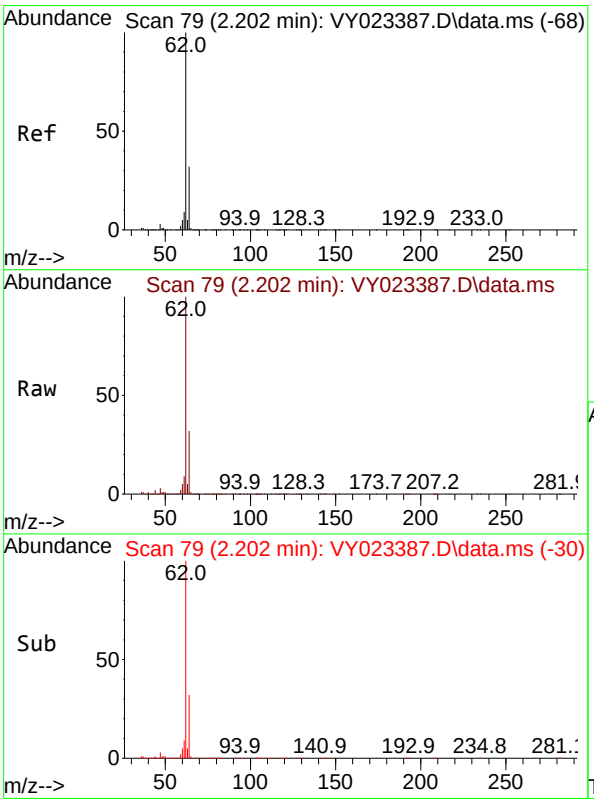
Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

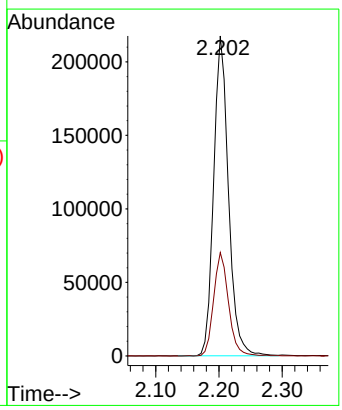


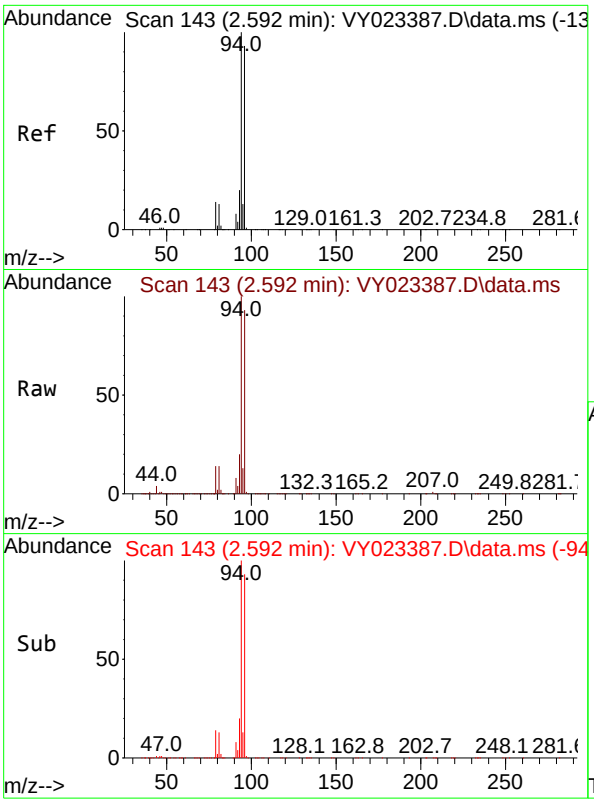


#4
Vinyl Chloride
Concen: 42.293 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 62 Resp: 352993

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.8	38.8

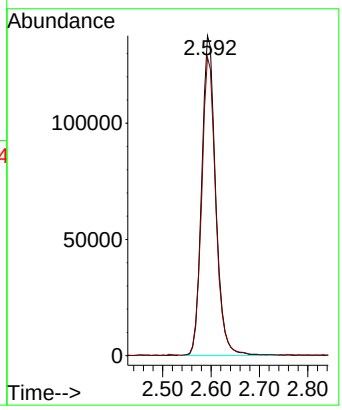




#5
Bromomethane
Concen: 40.458 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 94 Resp: 27700

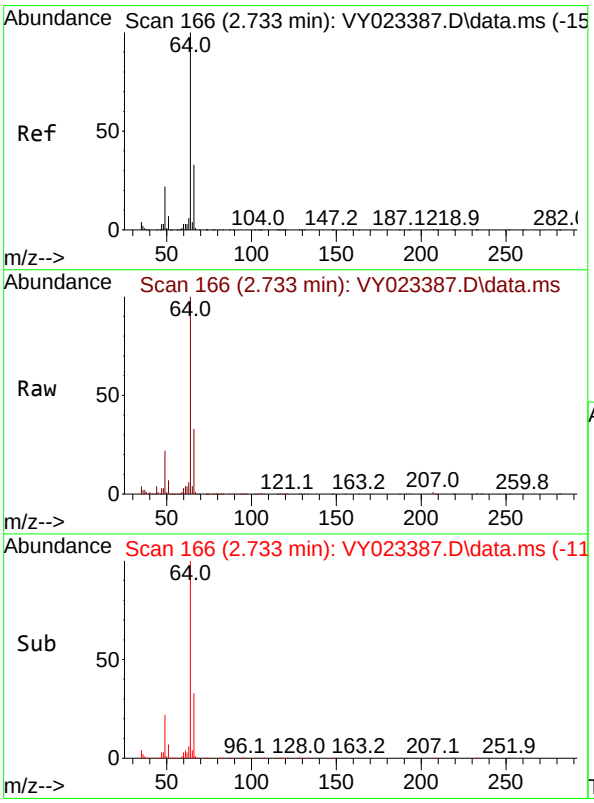
Ion	Ratio	Lower	Upper
94	100		
96	93.1	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

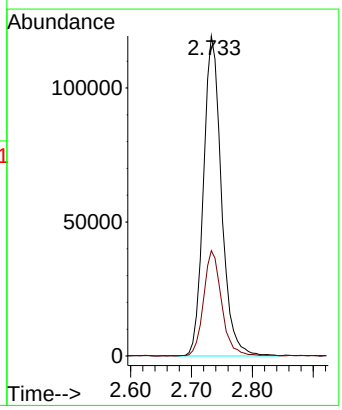
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

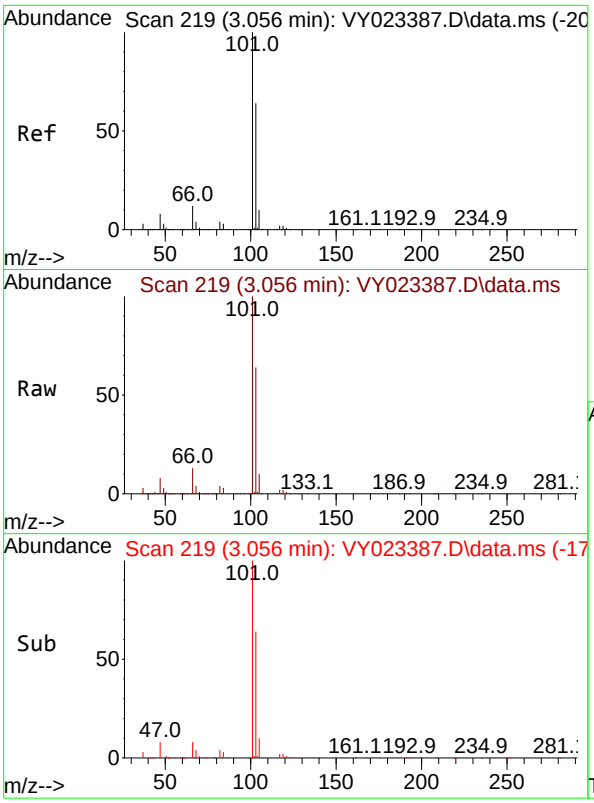


#6
Chloroethane
Concen: 43.157 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 64 Resp: 244551

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.2	39.4

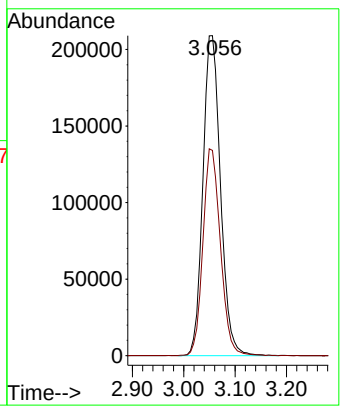




#7
Trichlorofluoromethane
Concen: 46.354 ug/l
RT: 3.056 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:101 Resp: 49698

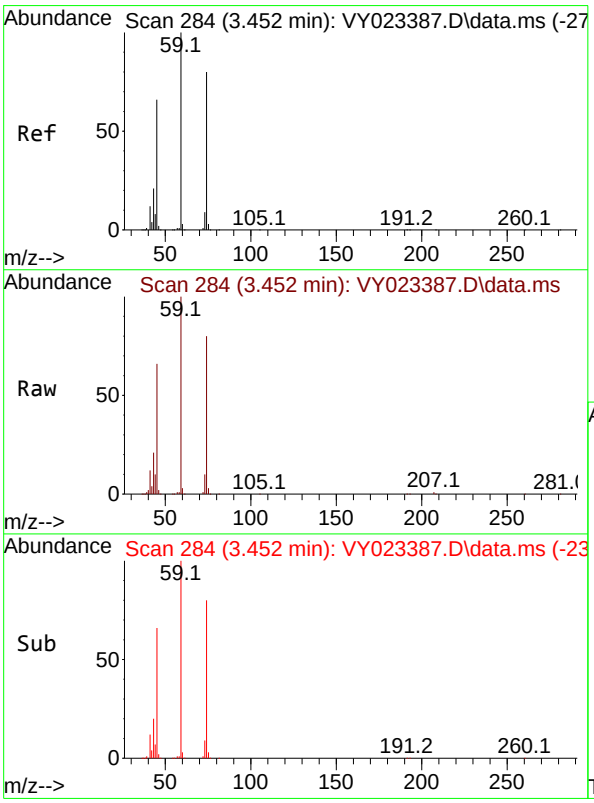
Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

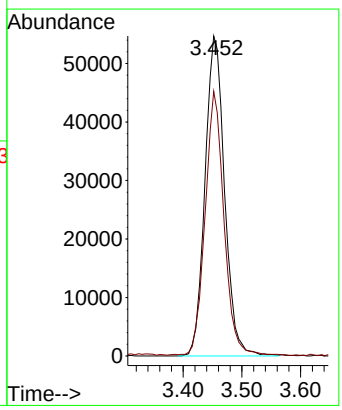
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

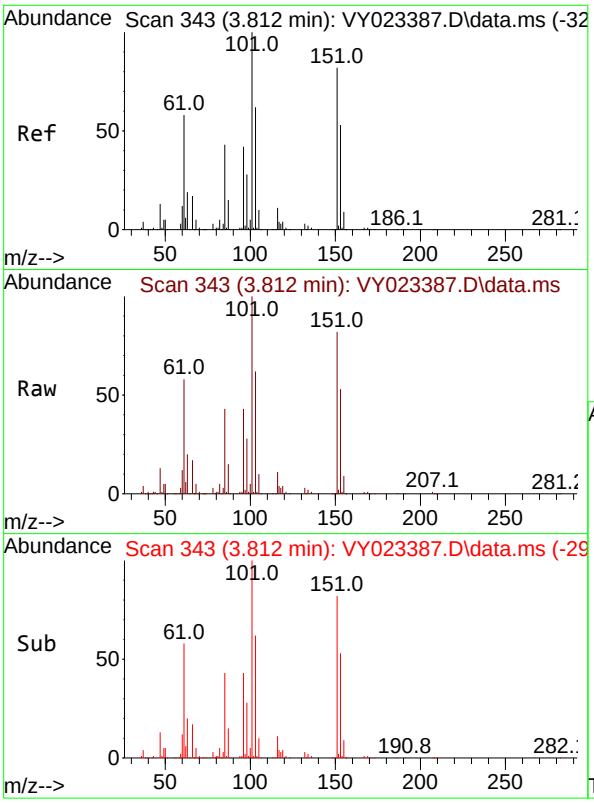


#8
Diethyl Ether
Concen: 45.158 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 74 Resp: 126634

Ion	Ratio	Lower	Upper
74	100		
45	79.8	39.9	119.7

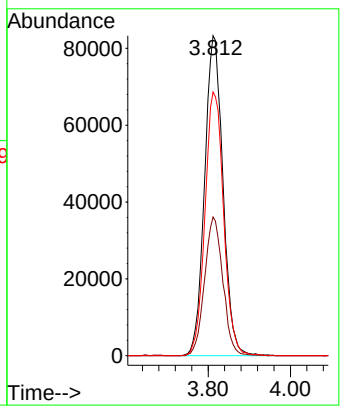




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.039 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:101 Resp: 25810

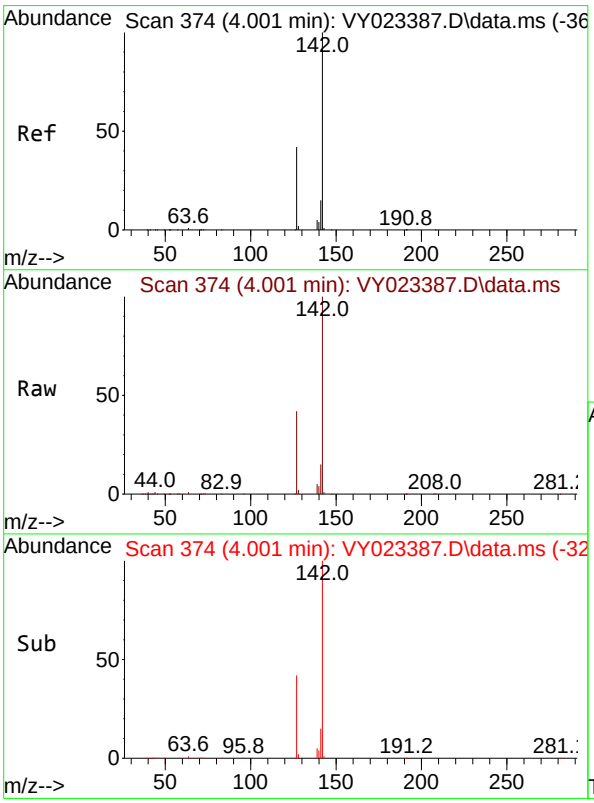
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	83.8	67.0	100.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

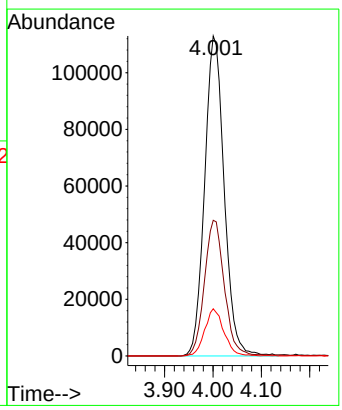
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

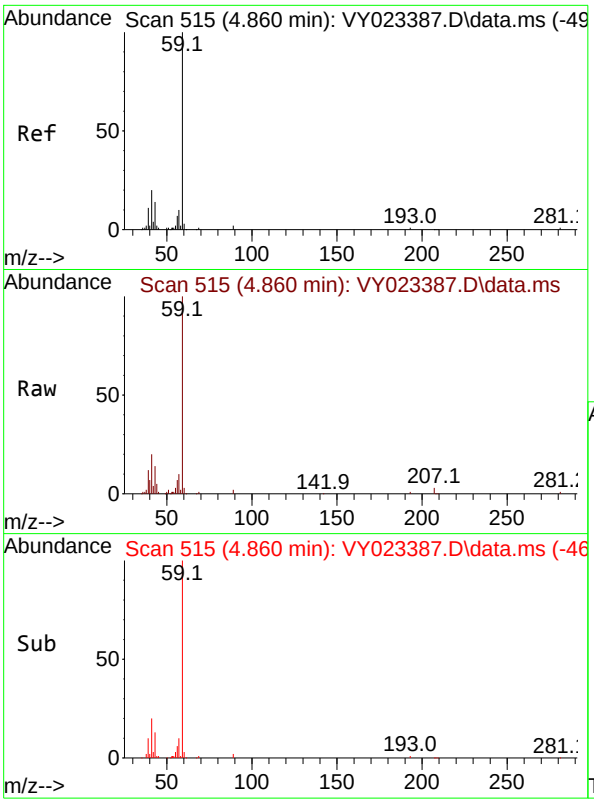


#10
Methyl Iodide
Concen: 47.979 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:142 Resp: 317731

Ion	Ratio	Lower	Upper
142	100		
127	43.5	34.8	52.2
141	14.5	11.6	17.4

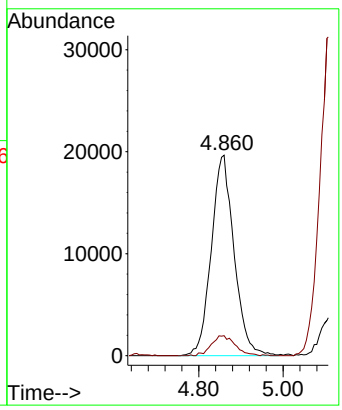




#11
Tert butyl alcohol
Concen: 244.793 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 59 Resp: 7364

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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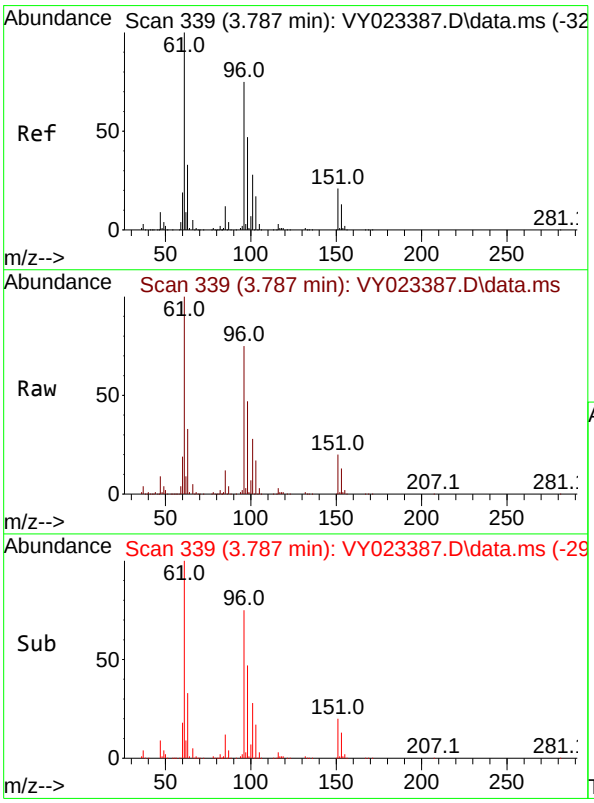
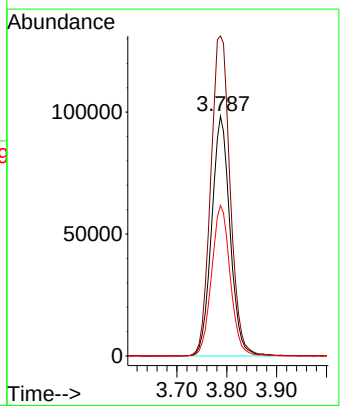
Supervised By :Mahesh Dadoda 10/10/2025

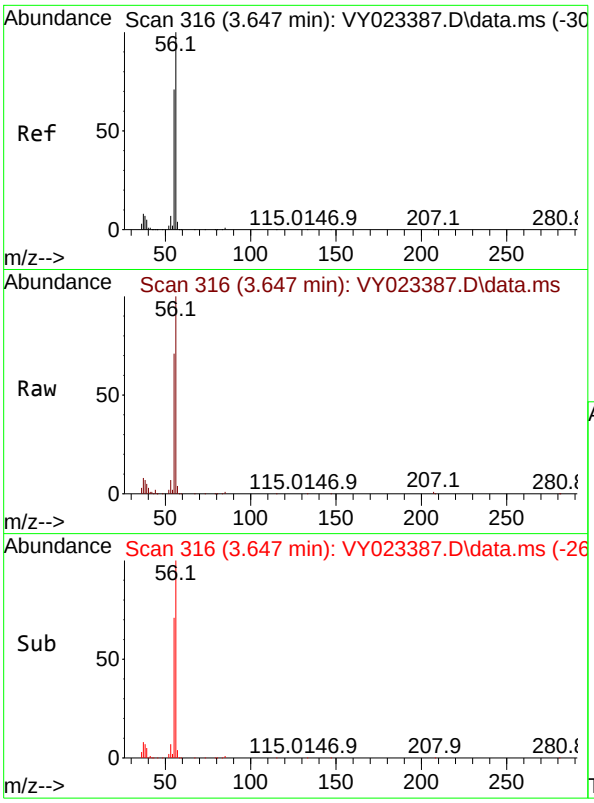


#12
1,1-Dichloroethene
Concen: 45.738 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 96 Resp: 252190

Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.7	160.1
98	62.8	50.2	75.4

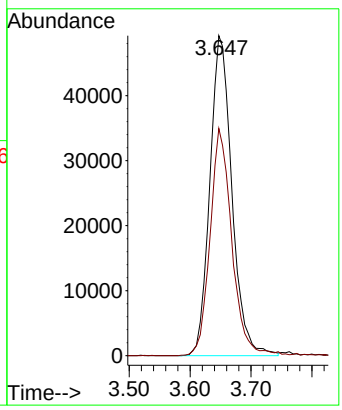




#13
Acrolein
Concen: 242.575 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 56 Resp: 12364

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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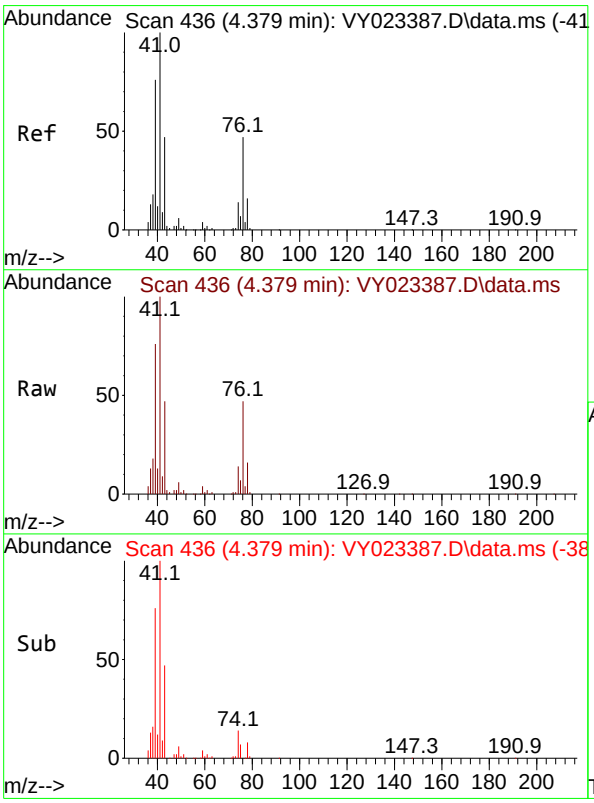
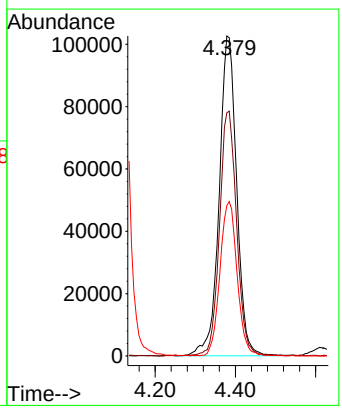
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

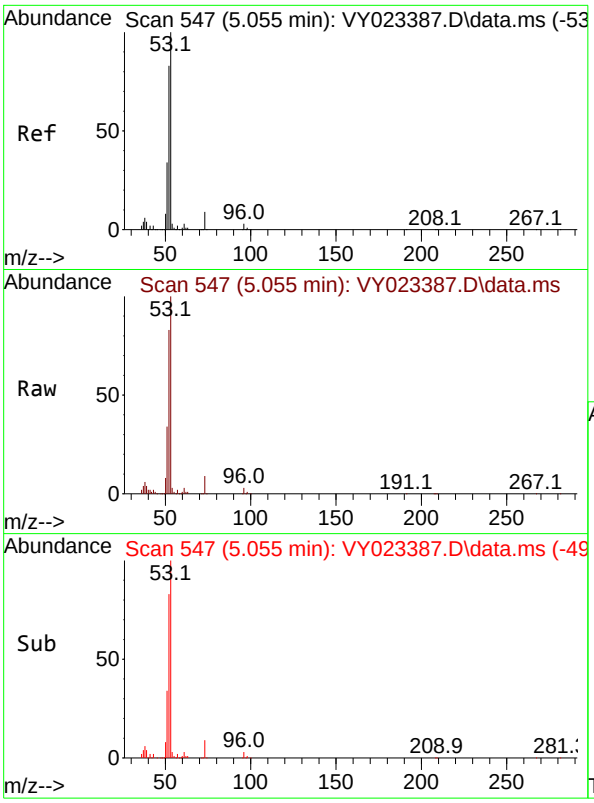


#14
Allyl chloride
Concen: 44.989 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 41 Resp: 310569

Ion	Ratio	Lower	Upper
41	100		
39	74.9	59.9	89.9
76	47.5	38.0	57.0

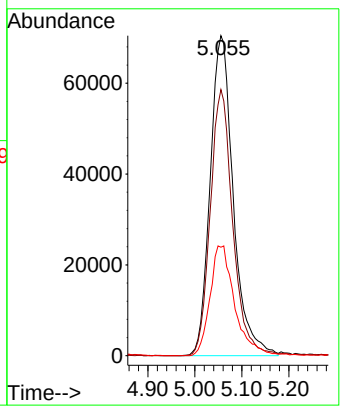




#15
Acrylonitrile
Concen: 219.075 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 53 Resp: 24066

Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.6	97.0
51	36.9	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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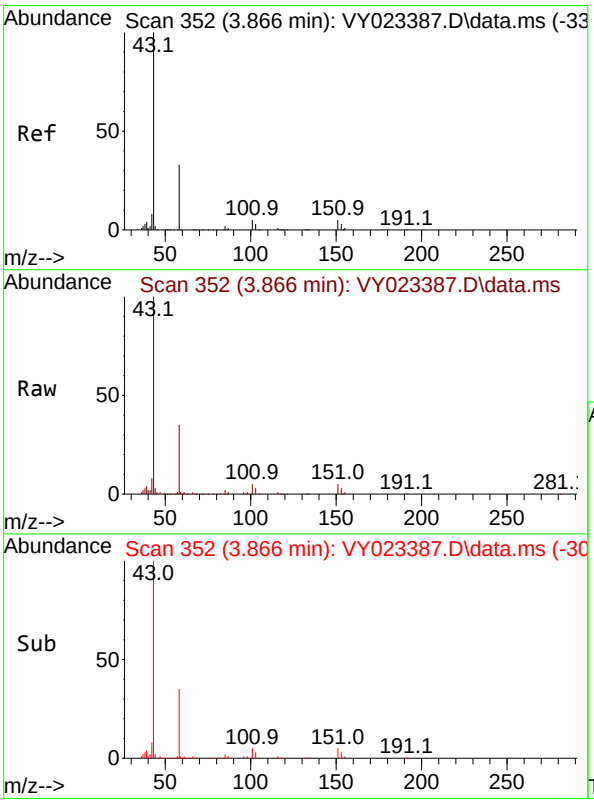
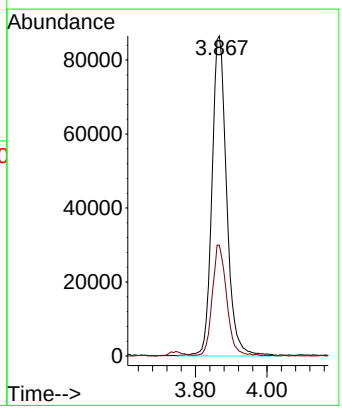
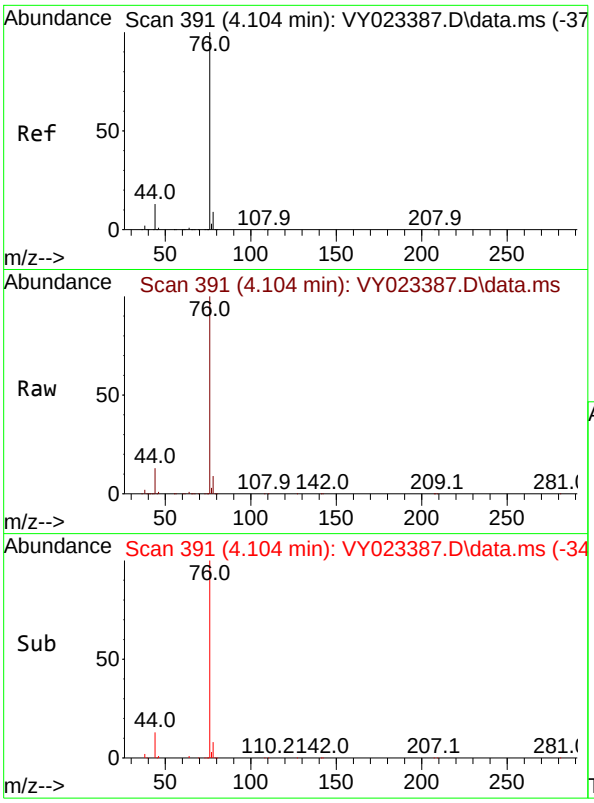


#16
Acetone
Concen: 214.955 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 247122

Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.7	41.5

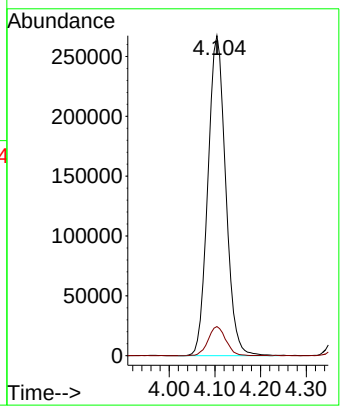




#17
Carbon Disulfide
Concen: 42.028 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 76 Resp: 72298

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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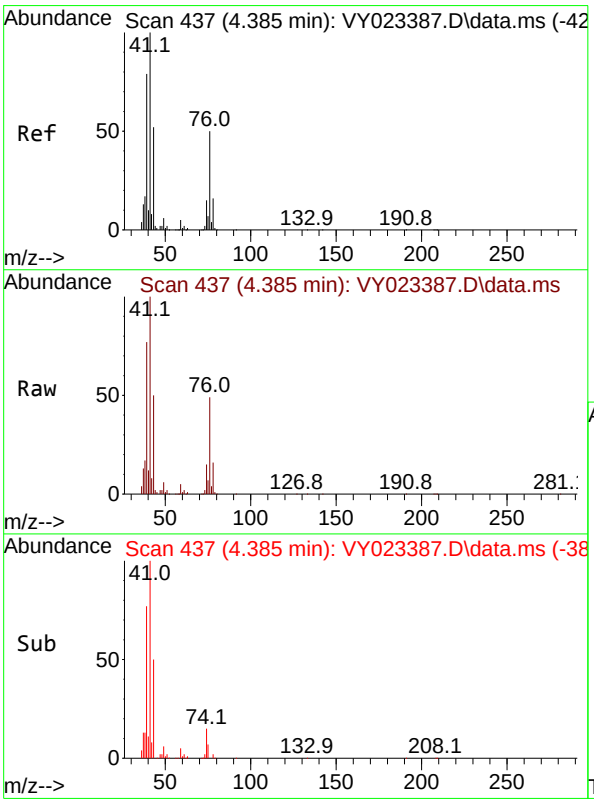
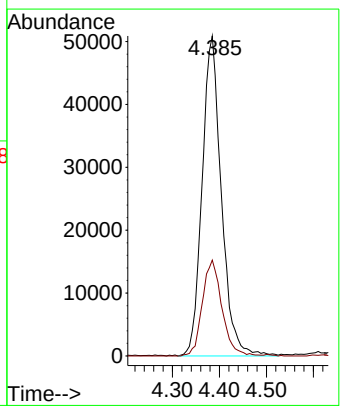
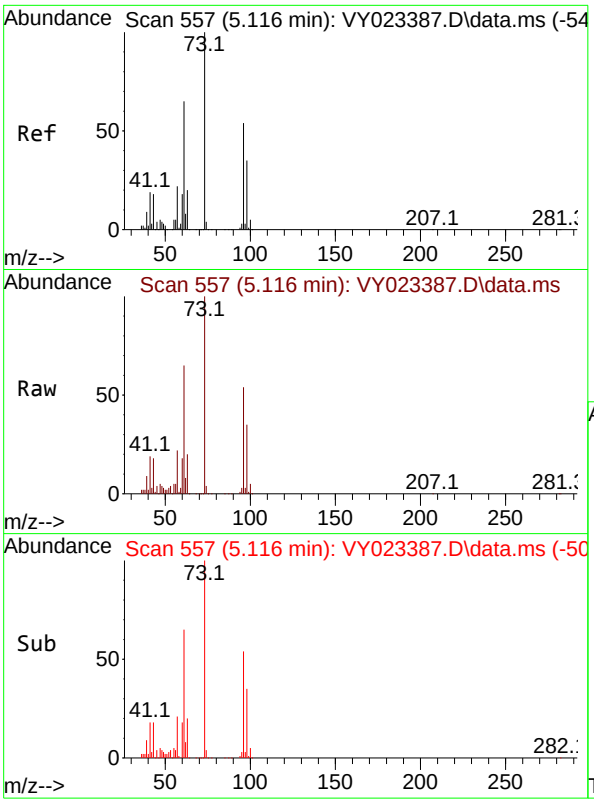


#18
Methyl Acetate
Concen: 49.563 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 144816

Ion	Ratio	Lower	Upper
43	100		
74	30.3	24.2	36.4

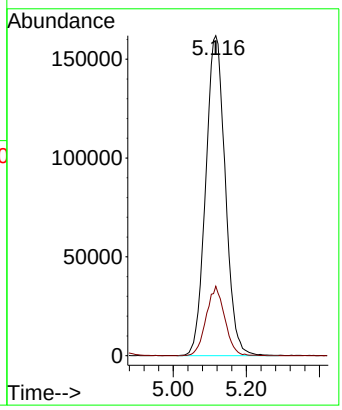




#19
Methyl tert-butyl Ether
Concen: 46.626 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 73 Resp: 60193

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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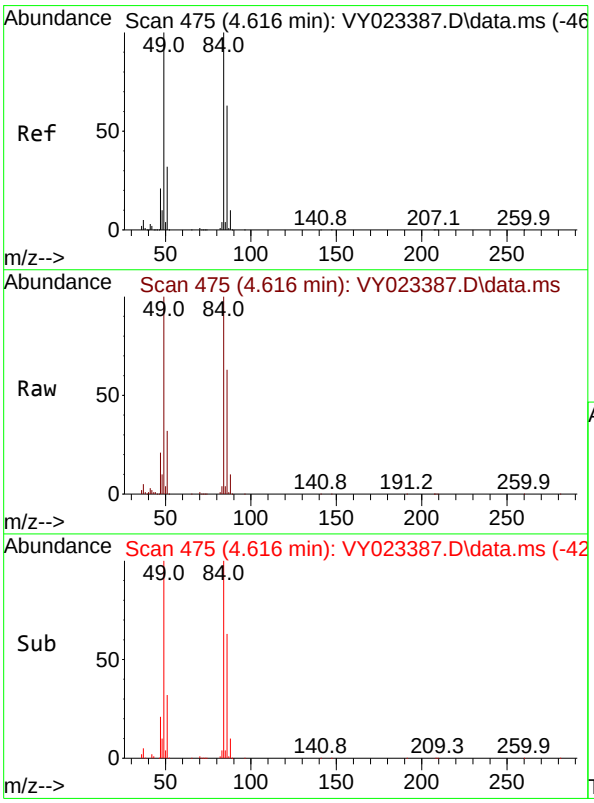
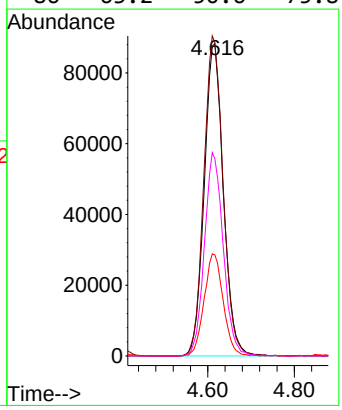
Supervised By :Mahesh Dadoda 10/10/2025

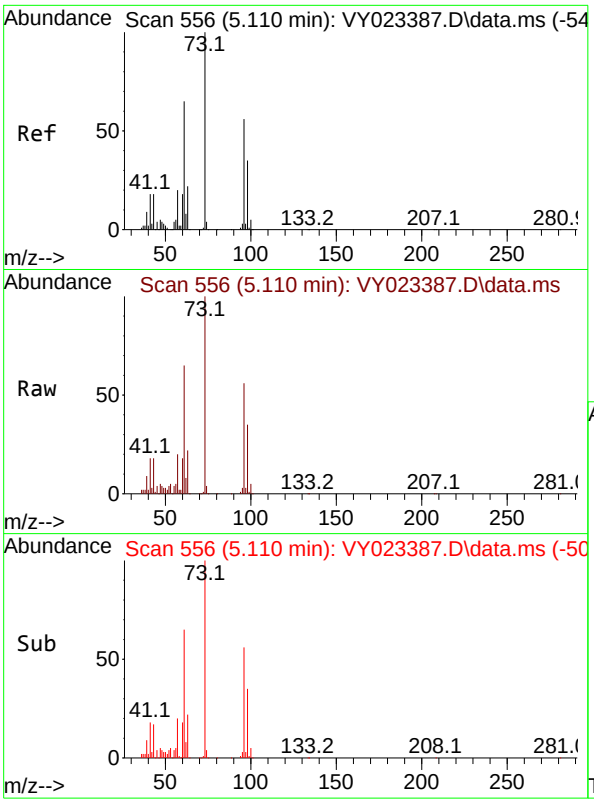


#20
Methylene Chloride
Concen: 43.409 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 84 Resp: 270612

Ion	Ratio	Lower	Upper
84	100		
49	100.3	80.2	120.4
51	32.4	25.9	38.9
86	63.2	50.6	75.8

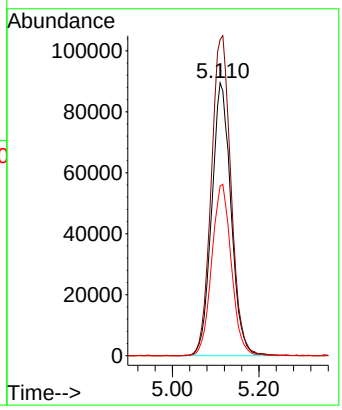




#21
trans-1,2-Dichloroethene
Concen: 45.256 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 96 Resp: 27751

Ion	Ratio	Lower	Upper
96	100		
61	115.9	92.7	139.1
98	62.1	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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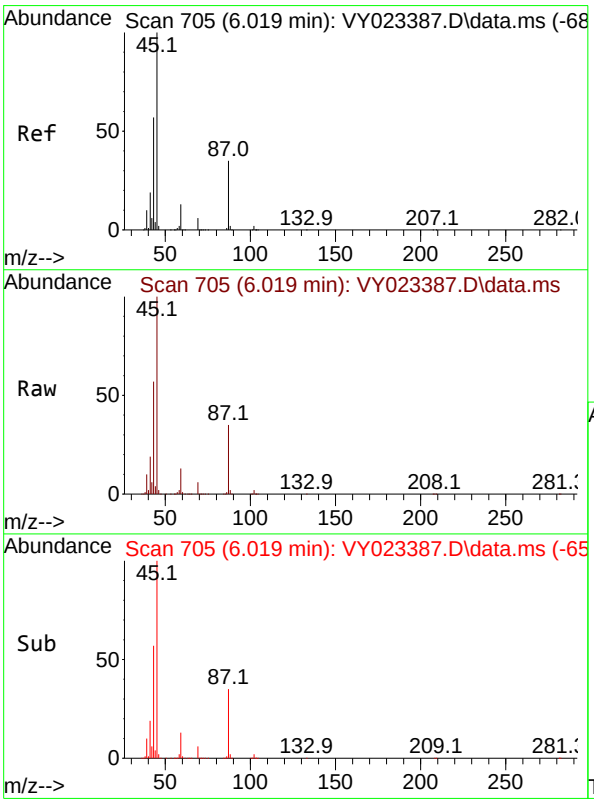
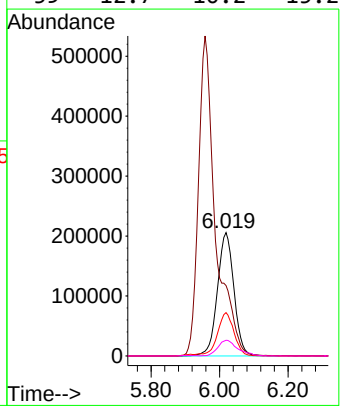
Supervised By :Mahesh Dadoda 10/10/2025

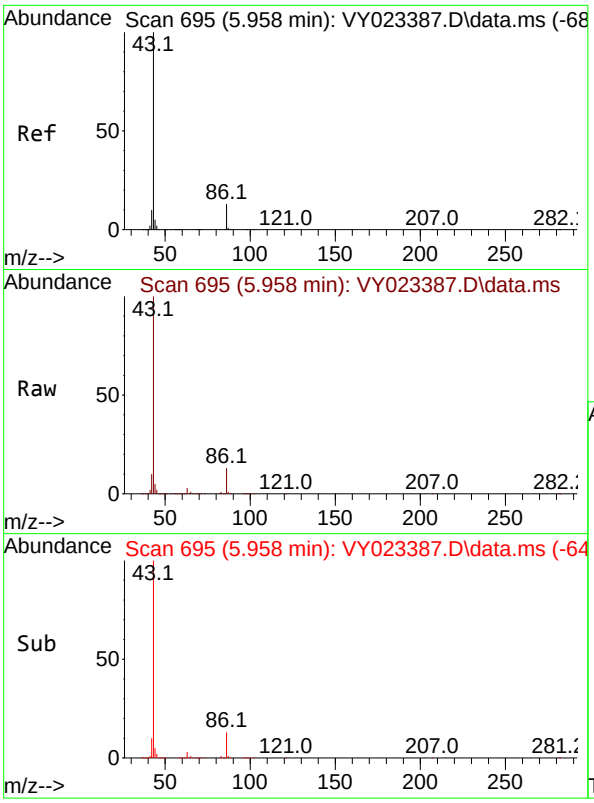


#22
Diisopropyl ether
Concen: 44.844 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 45 Resp: 686481

Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.6	68.4
87	35.1	28.1	42.1
59	12.7	10.2	15.2

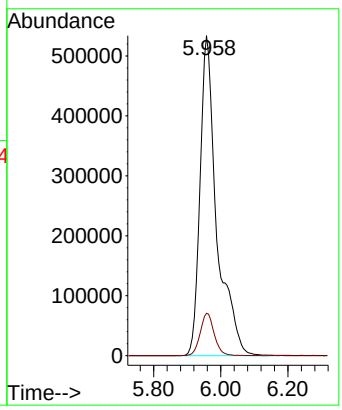




#23
Vinyl Acetate
Concen: 219.119 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 184378

Ion	Ratio	Lower	Upper
43	100		
86	13.2	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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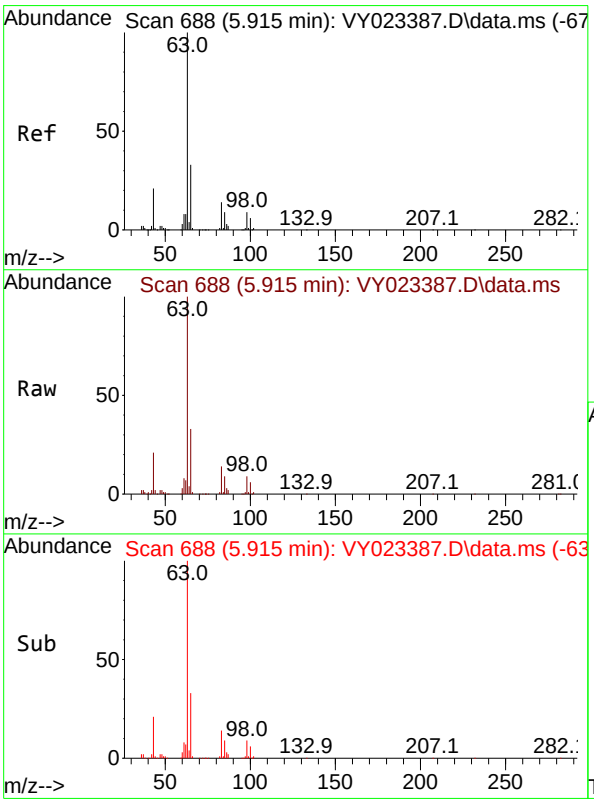
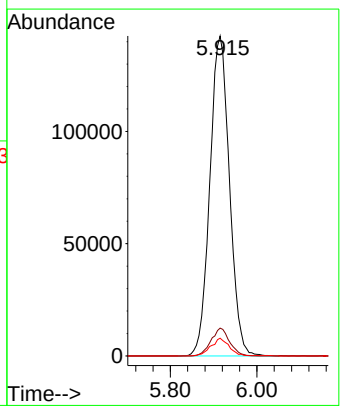
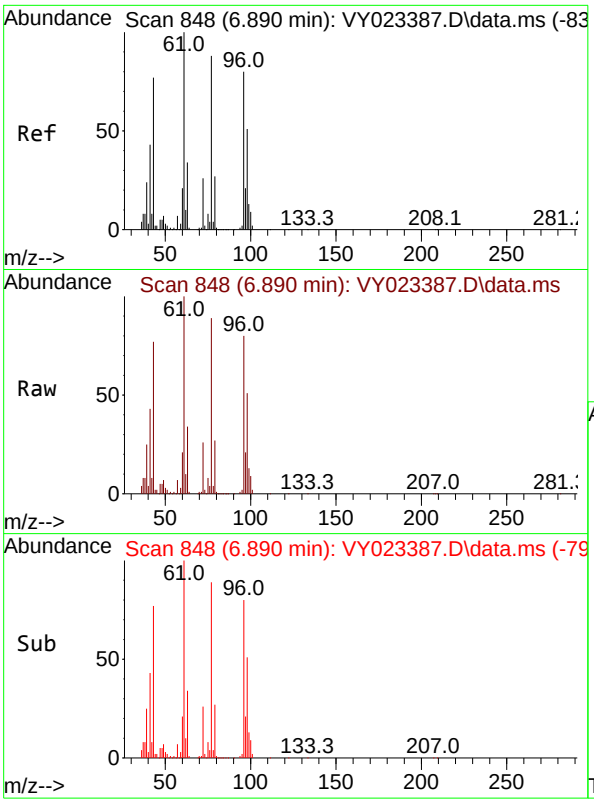


#24
1,1-Dichloroethane
Concen: 44.423 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 63 Resp: 448267

Ion	Ratio	Lower	Upper
63	100		
98	8.7	4.3	13.1
100	5.6	2.8	8.4

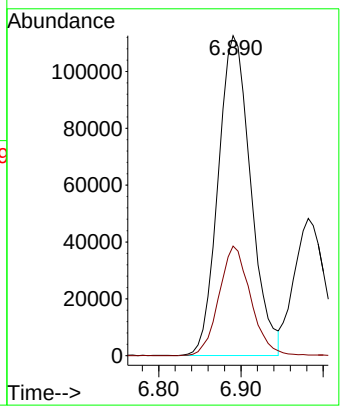




#25
2-Butanone
Concen: 218.327 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 31023

Ion	Ratio	Lower	Upper
43	100		
72	34.3	27.4	41.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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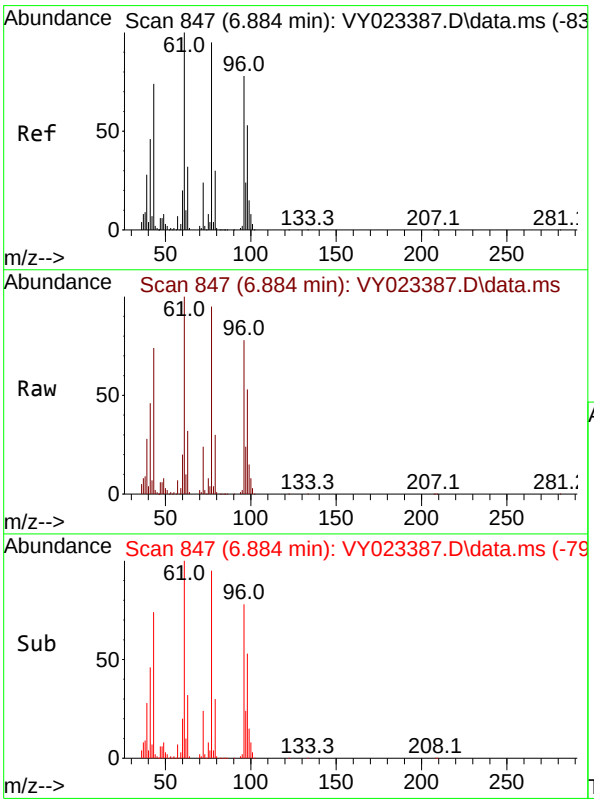
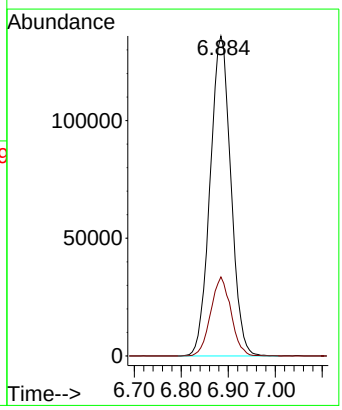
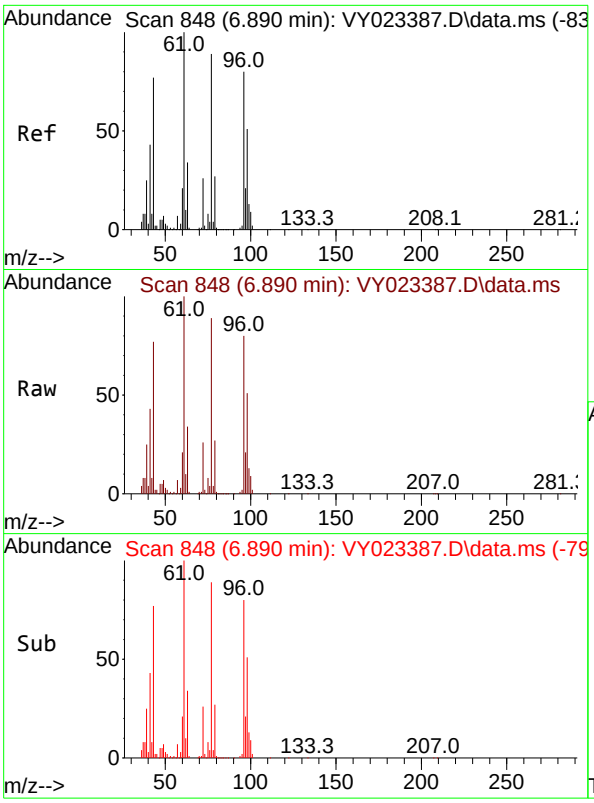


#26
2,2-Dichloropropane
Concen: 46.440 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 77 Resp: 416391

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 46.010 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 96 Resp: 32002

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.2
98	66.0	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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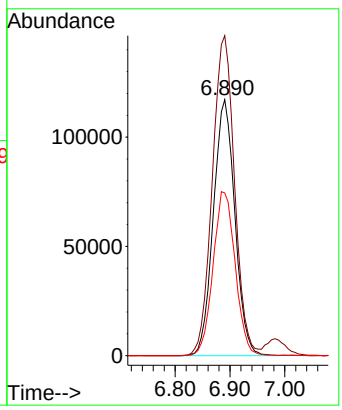
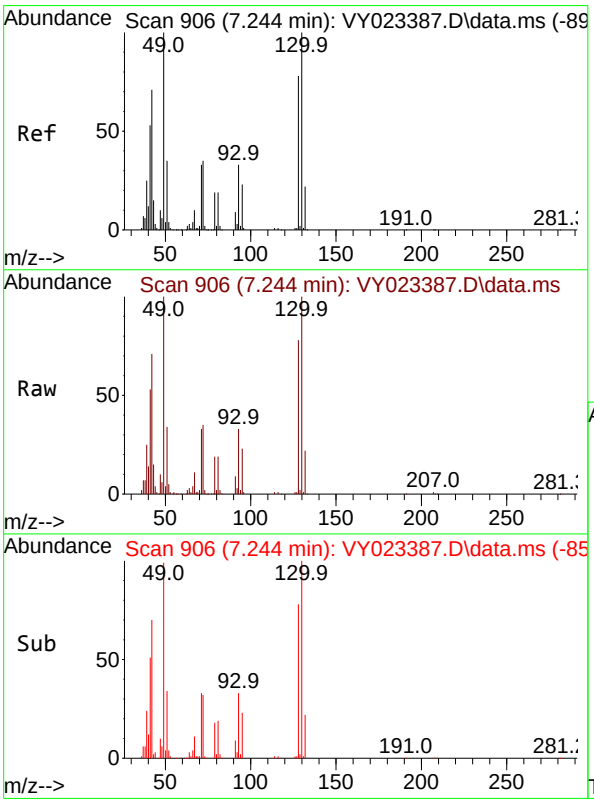
Supervised By :Mahesh Dadoda 10/10/2025

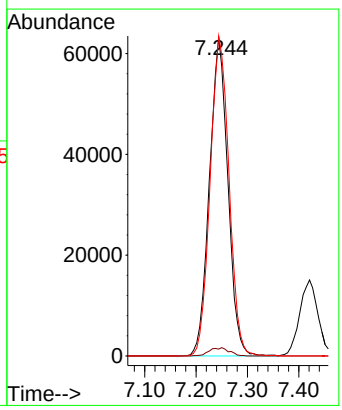


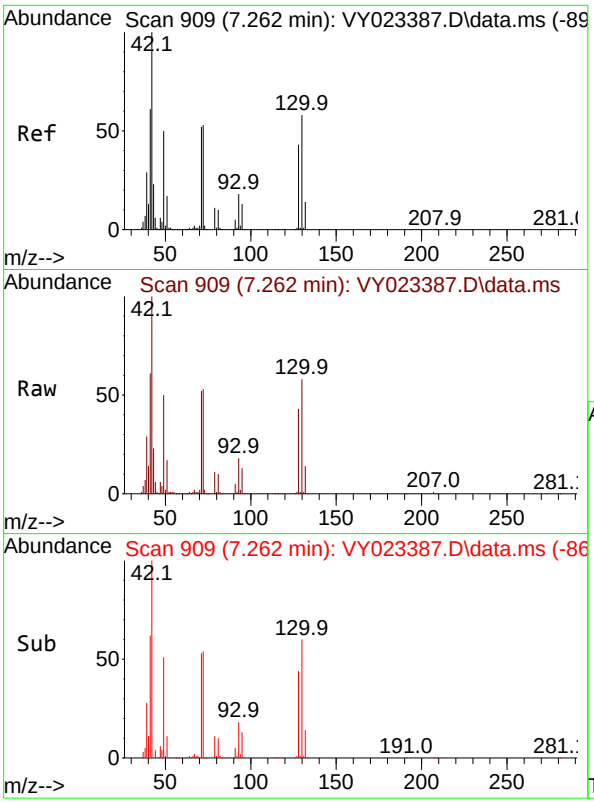


#28
Bromochloromethane
Concen: 40.211 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 49 Resp: 157414

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.4	81.9	122.9





#29
Tetrahydrofuran
Concen: 222.653 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

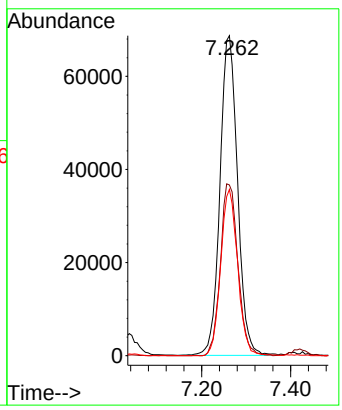
Tgt Ion: 42 Resp: 18778

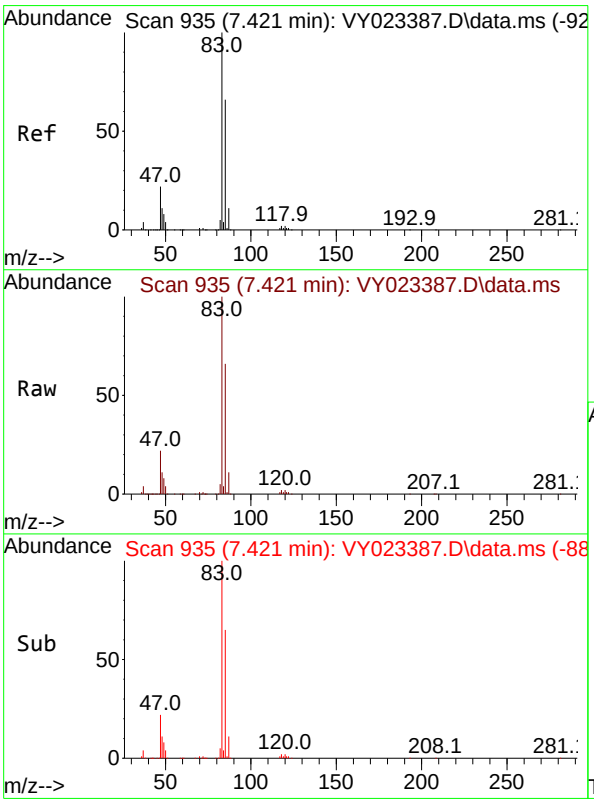
Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.0	64.6
71	50.1	40.1	60.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

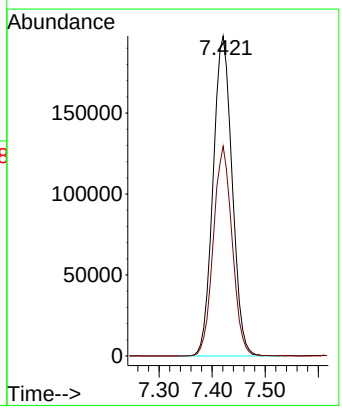


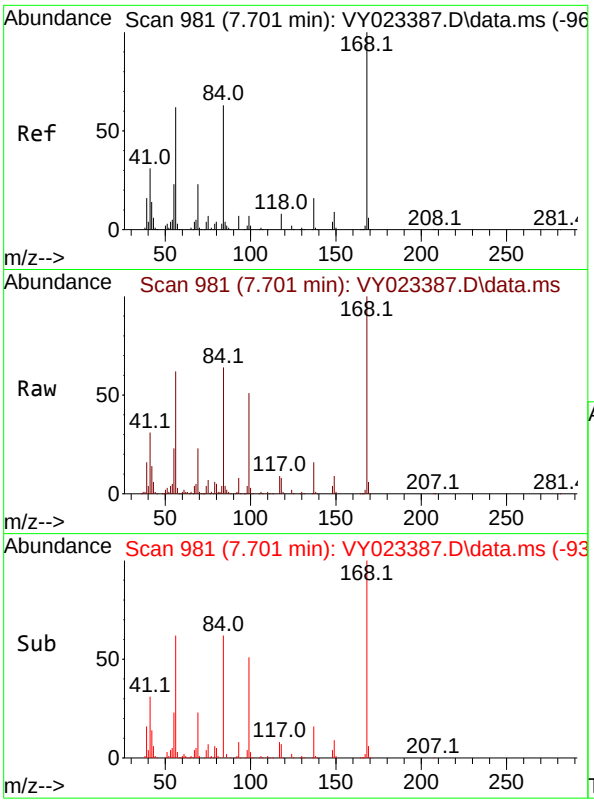


#30
Chloroform
Concen: 45.316 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 83 Resp: 493098

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





#31
Cyclohexane
Concen: 42.602 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 56 Resp: 37964

Ion	Ratio	Lower	Upper
56	100		
69	37.5	30.0	45.0
84	101.5	81.2	121.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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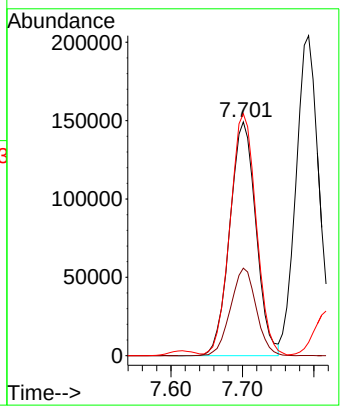
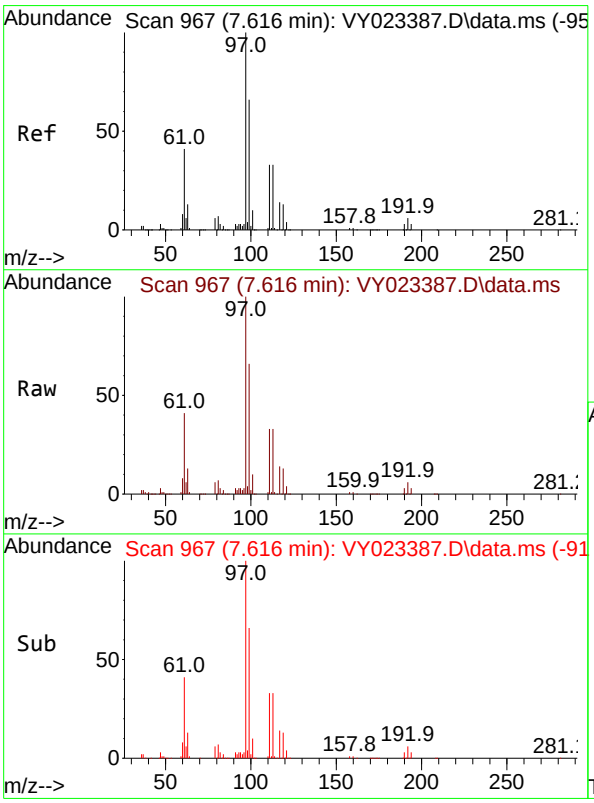
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

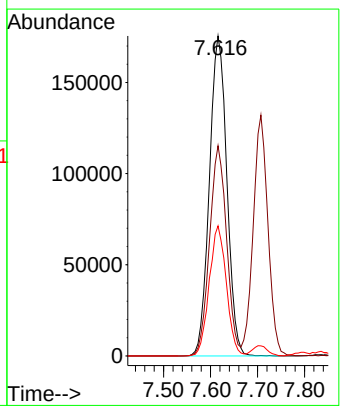


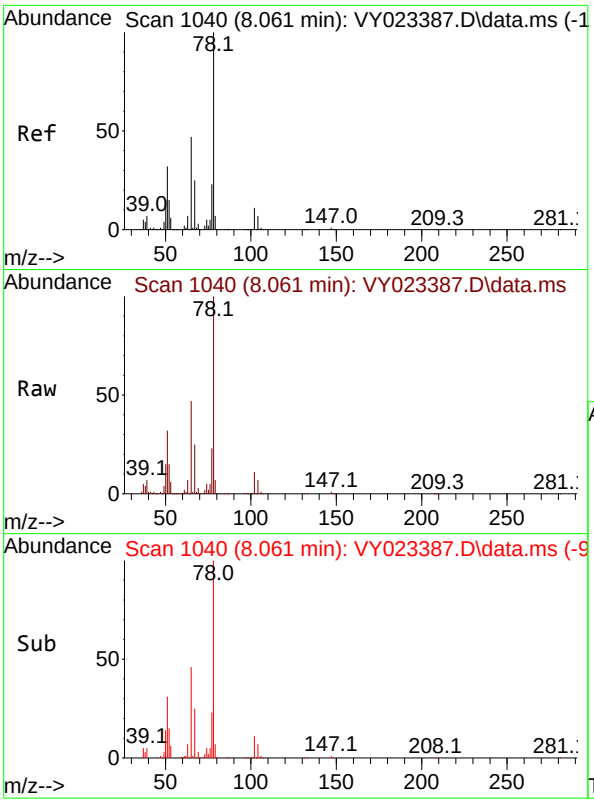


#32
1,1,1-Trichloroethane
Concen: 46.347 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 97 Resp: 452713

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.9	31.9	47.9

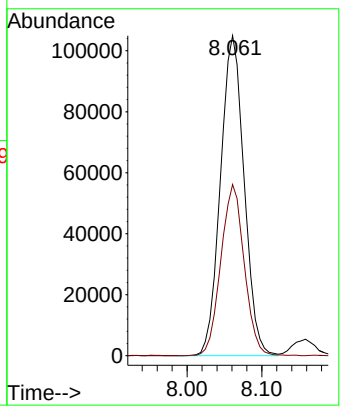




#33
1,2-Dichloroethane-d4
Concen: 45.240 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 65 Resp: 2312

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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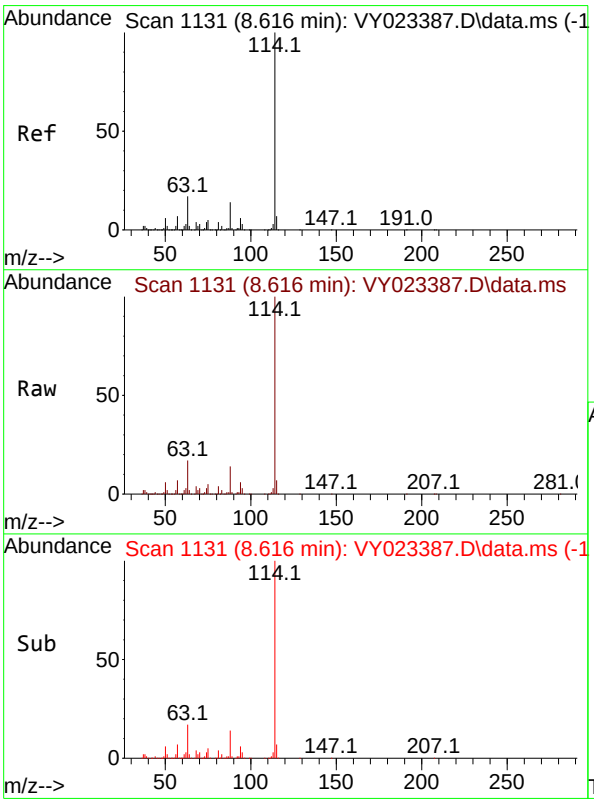
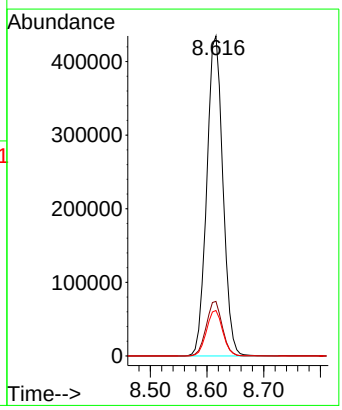
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

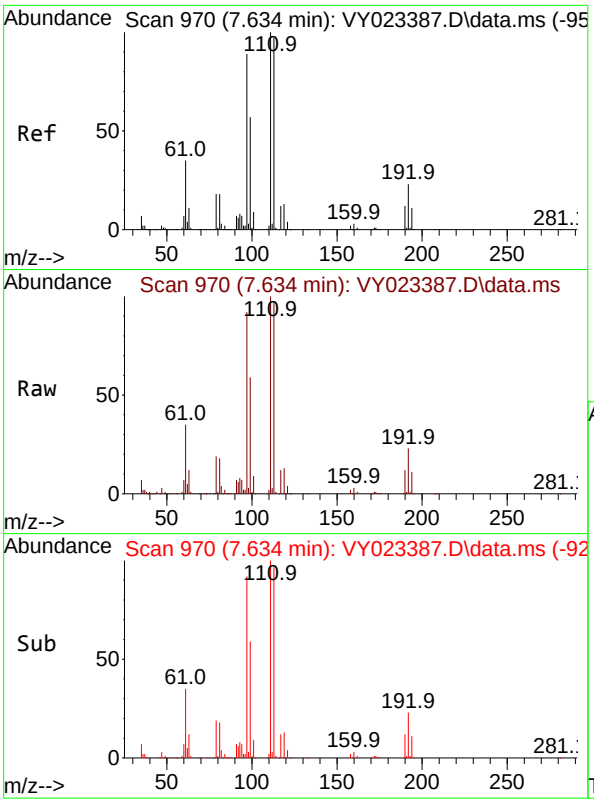


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:114 Resp: 858767

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.2
88	14.2	0.0	28.4

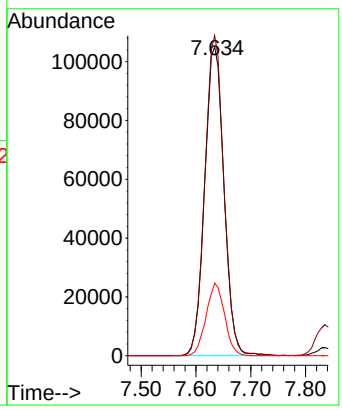




#35
Dibromofluoromethane
Concen: 49.185 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:113 Resp: 25633

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.5	18.0	27.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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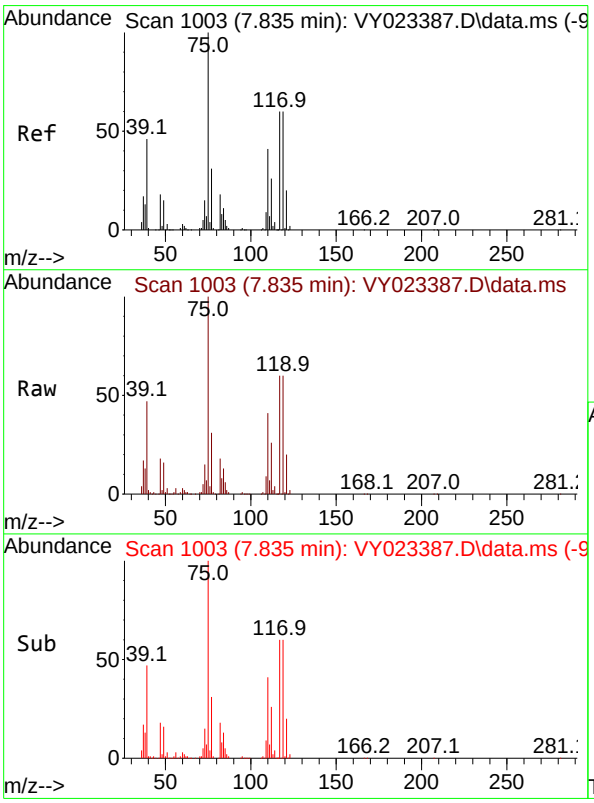
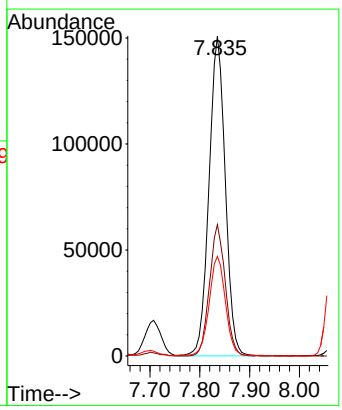
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

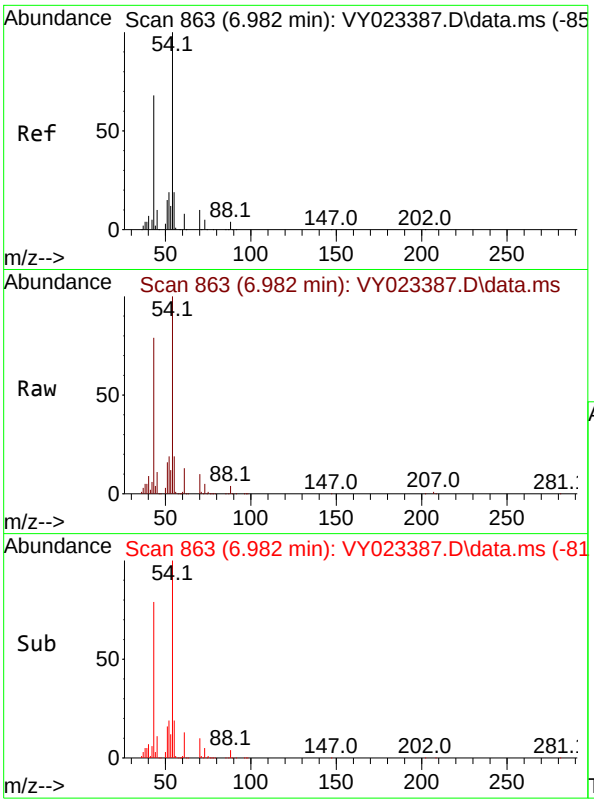


#36
1,1-Dichloropropene
Concen: 46.424 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 341353

Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.9	59.7
77	31.3	25.0	37.6

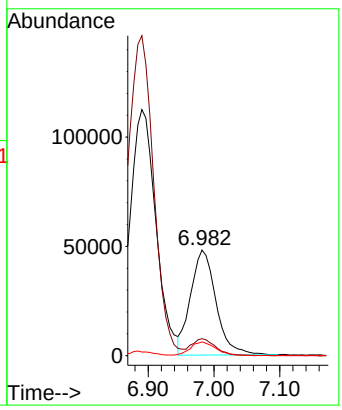




#37
Ethyl Acetate
Concen: 44.394 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 12905

Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	13.1	10.5	15.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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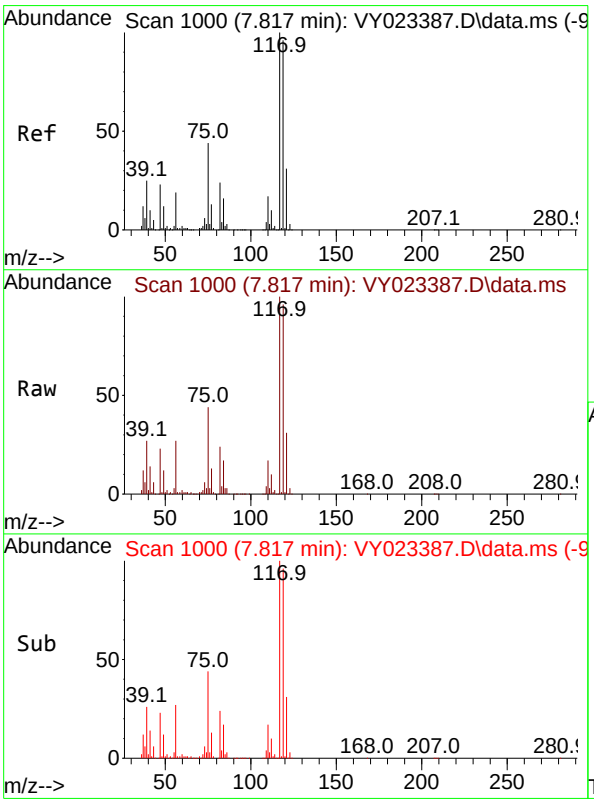
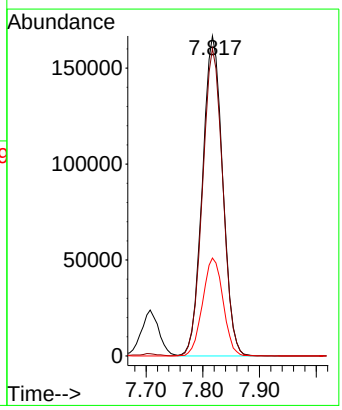
Supervised By :Mahesh Dadoda 10/10/2025

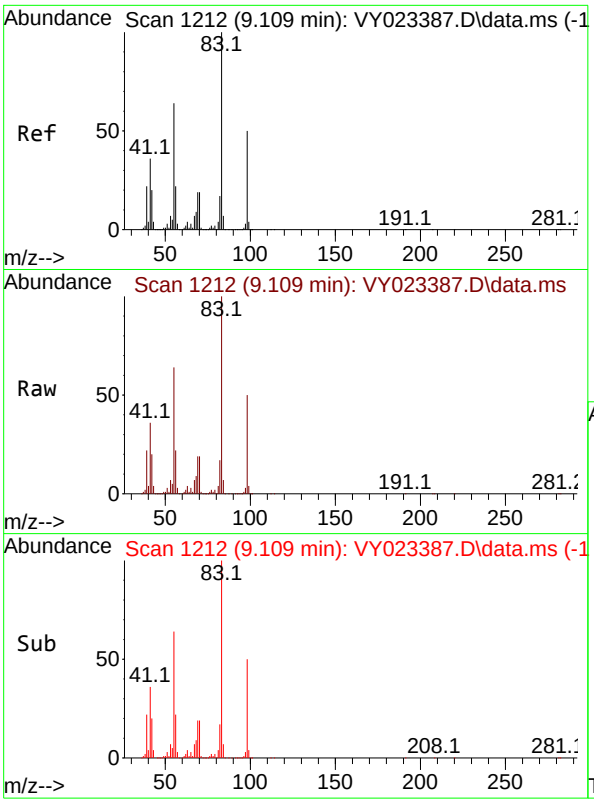


#38
Carbon Tetrachloride
Concen: 48.374 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:117 Resp: 413187

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	30.6	24.5	36.7





#39
Methylcyclohexane
Concen: 48.113 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 83 Resp: 45295

Ion	Ratio	Lower	Upper
83	100		
55	64.3	51.4	77.2
98	50.5	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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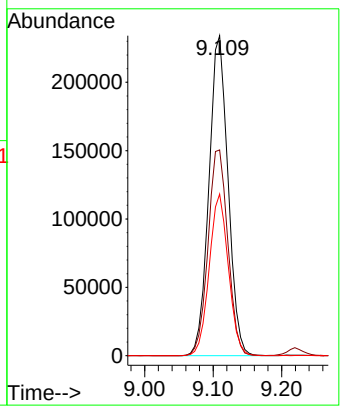
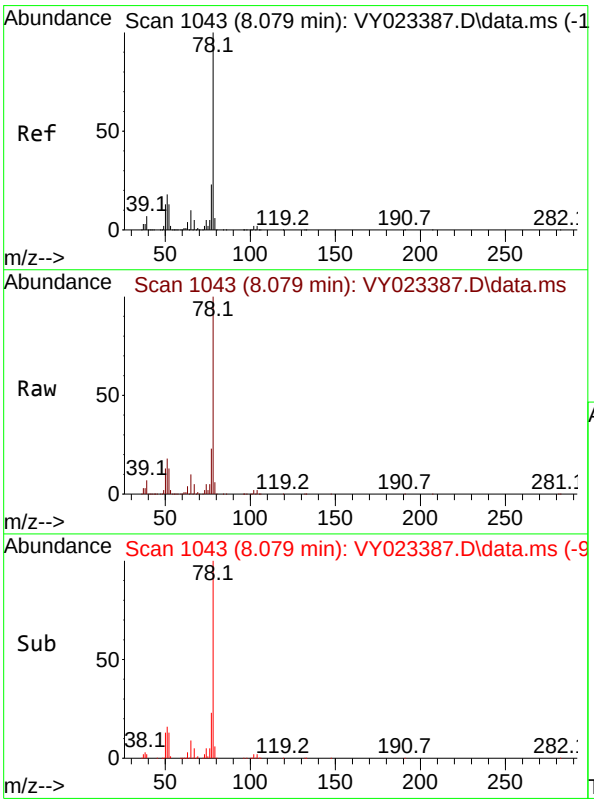
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

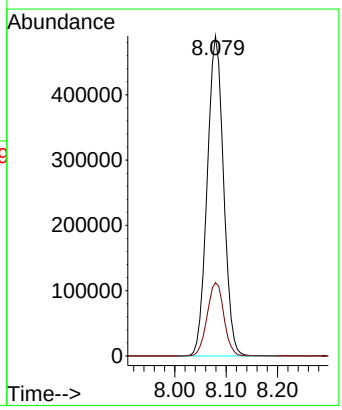


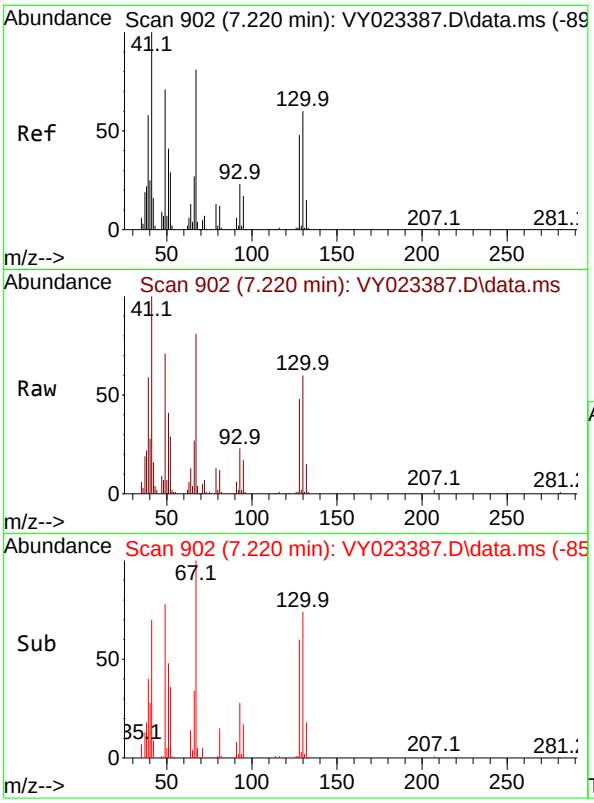


#40
Benzene
Concen: 47.154 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 78 Resp: 1080883

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5

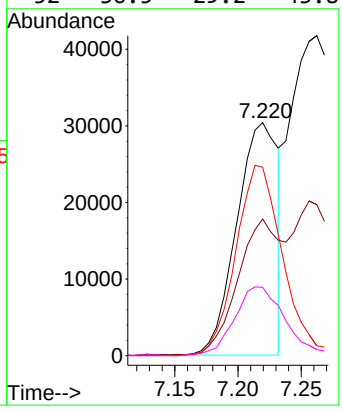




#41
Methacrylonitrile
Concen: 45.399 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 41 Resp: 6854

Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.2	78.4
67	93.6	74.9	112.3
52	36.5	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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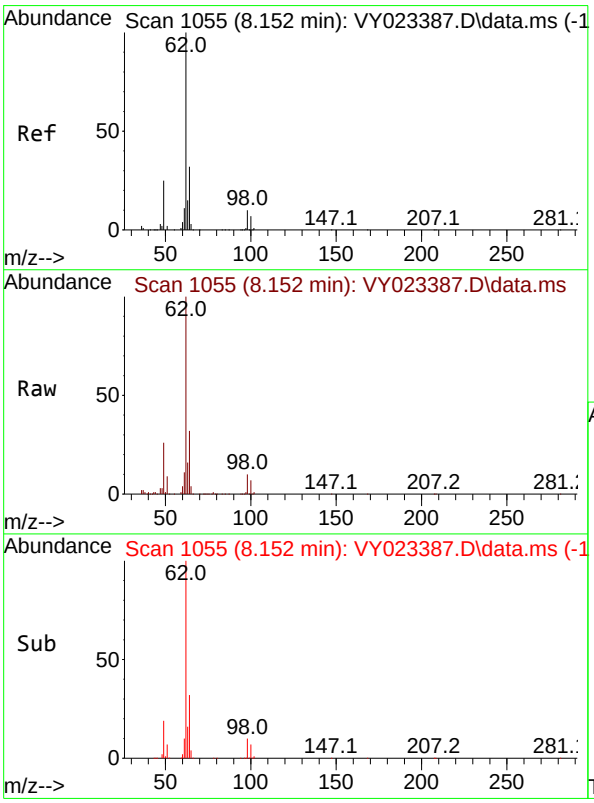
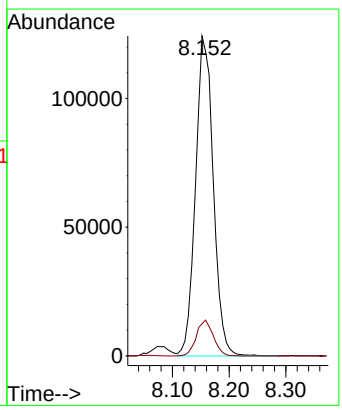
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

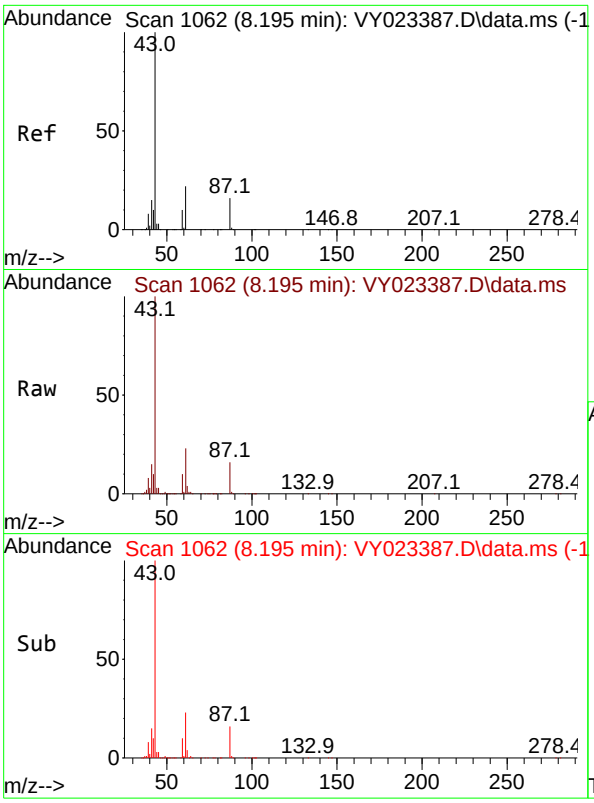


#42
1,2-Dichloroethane
Concen: 46.350 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 62 Resp: 270387

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

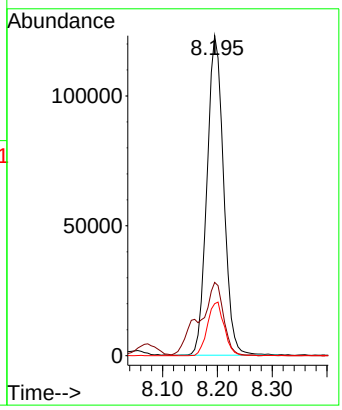




#43
Isopropyl Acetate
Concen: 45.811 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 25904

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	16.9	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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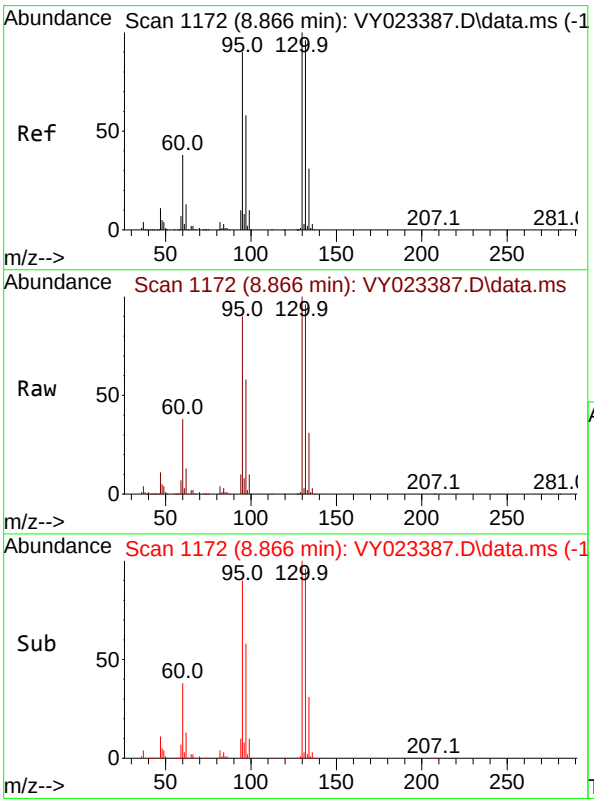
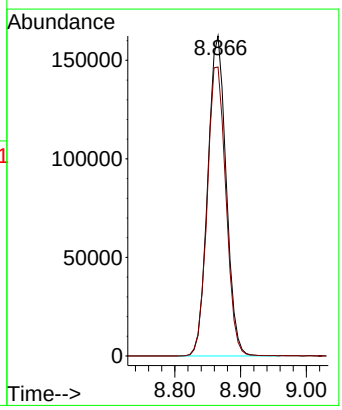
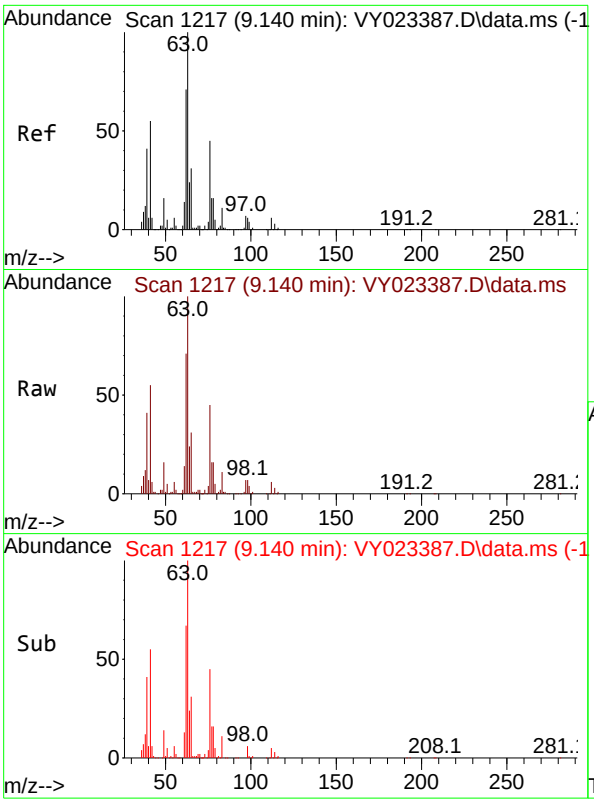


#44
Trichloroethene
Concen: 48.982 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:130 Resp: 315104

Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.6

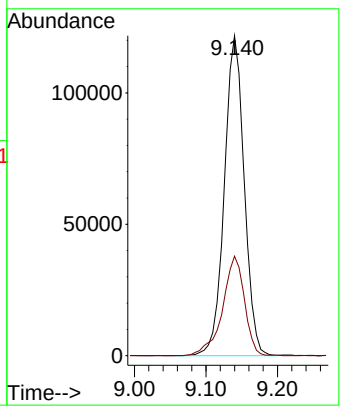




#45
1,2-Dichloropropane
Concen: 45.555 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 63 Resp: 23497

Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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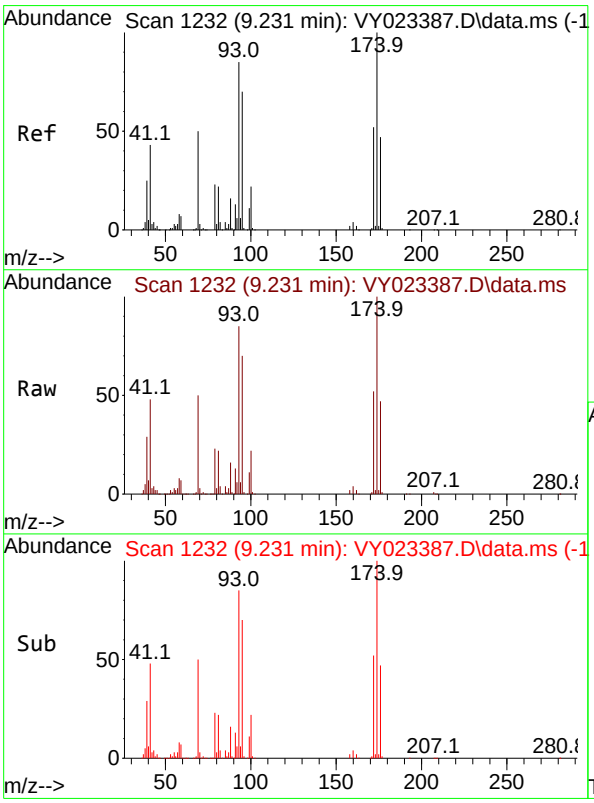
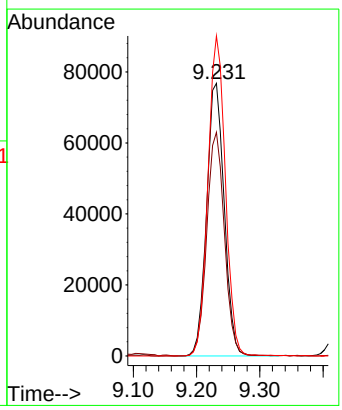
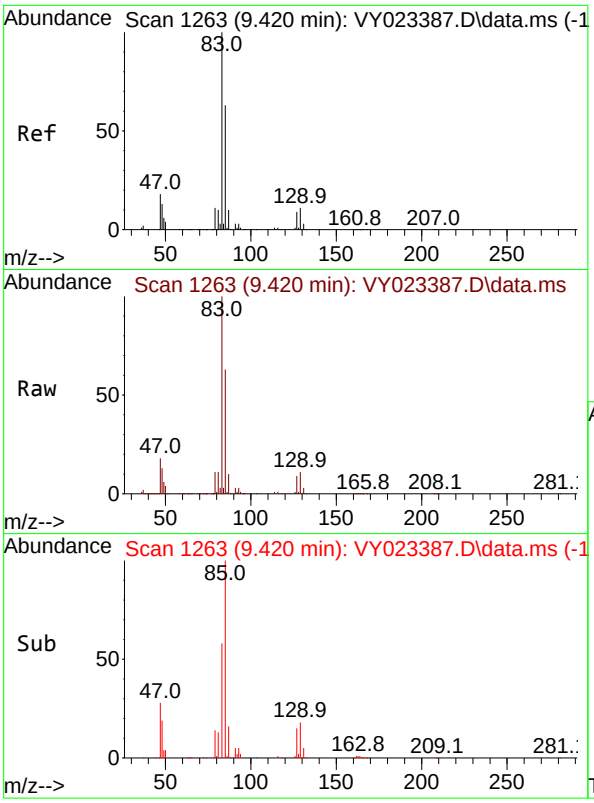


#46
Dibromomethane
Concen: 47.198 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 93 Resp: 148914

Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.4	98.0
174	116.1	92.9	139.3

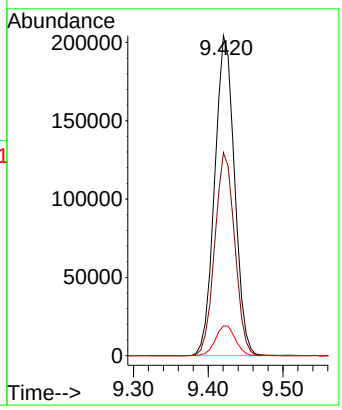




#47
Bromodichloromethane
Concen: 47.482 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 83 Resp: 37708

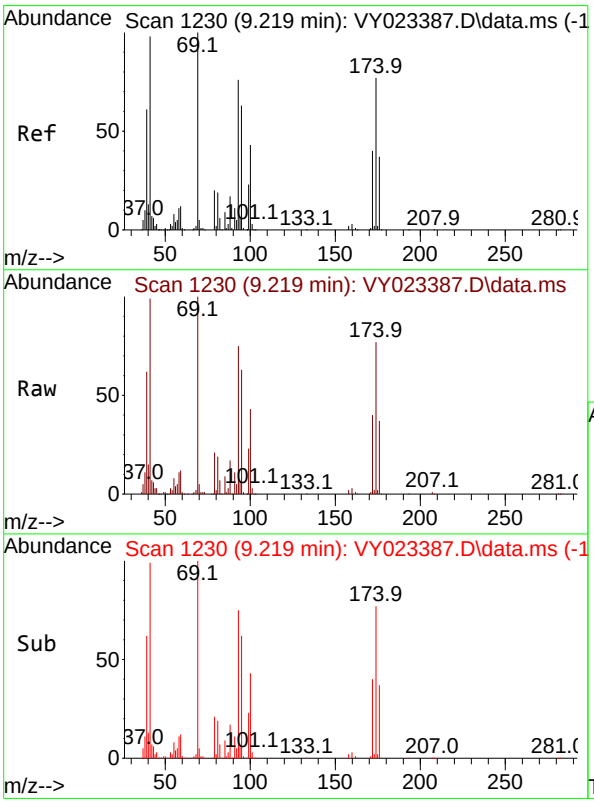
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	9.3	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

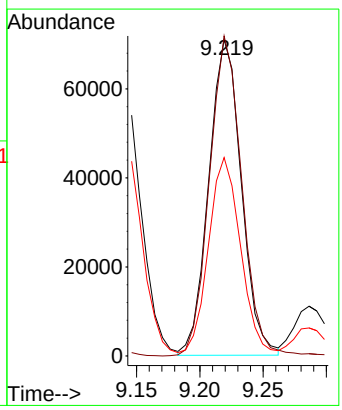
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

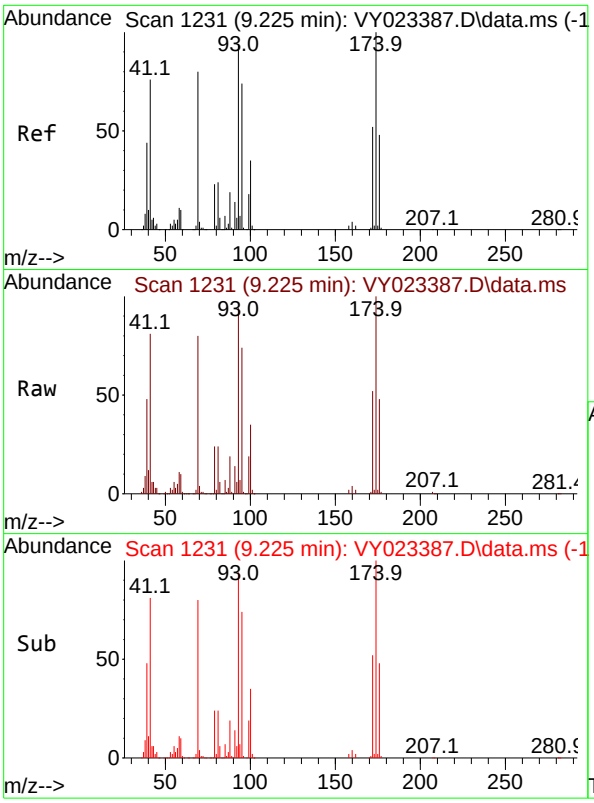


#48
Methyl methacrylate
Concen: 48.027 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 41 Resp: 126732

Ion	Ratio	Lower	Upper
41	100		
69	101.2	81.0	121.4
39	60.3	48.2	72.4

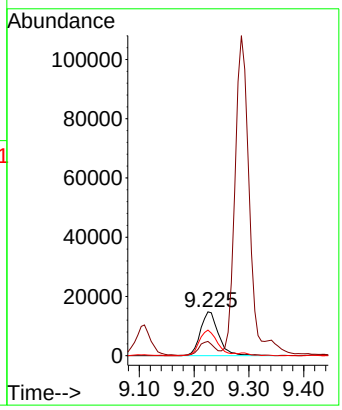




#49
1,4-Dioxane
Concen: 1042.312 ug/l
RT: 9.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 88 Resp: 3405

Ion	Ratio	Lower	Upper
88	100		
43	27.3	21.8	32.8
58	58.5	46.8	70.2



Instrument :
MSVOA_Y
ClientSampleId :
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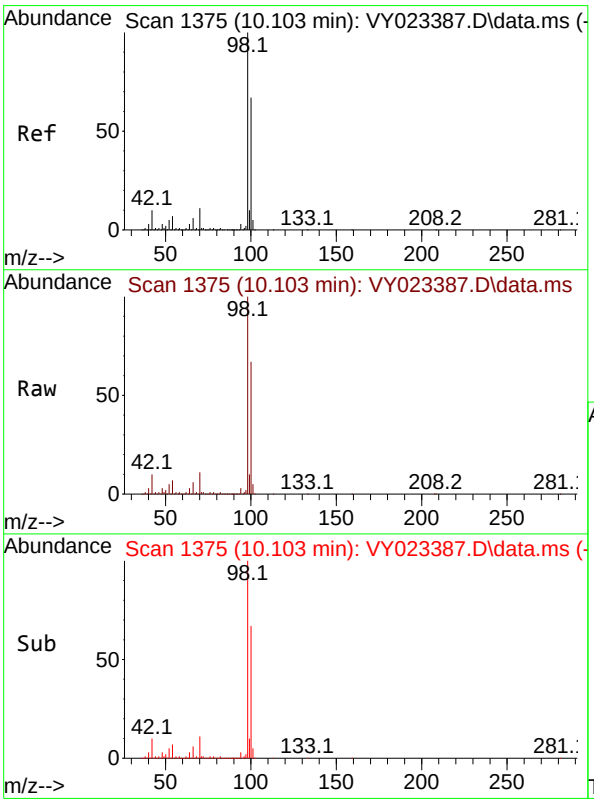
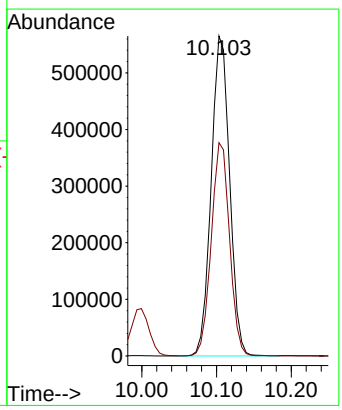
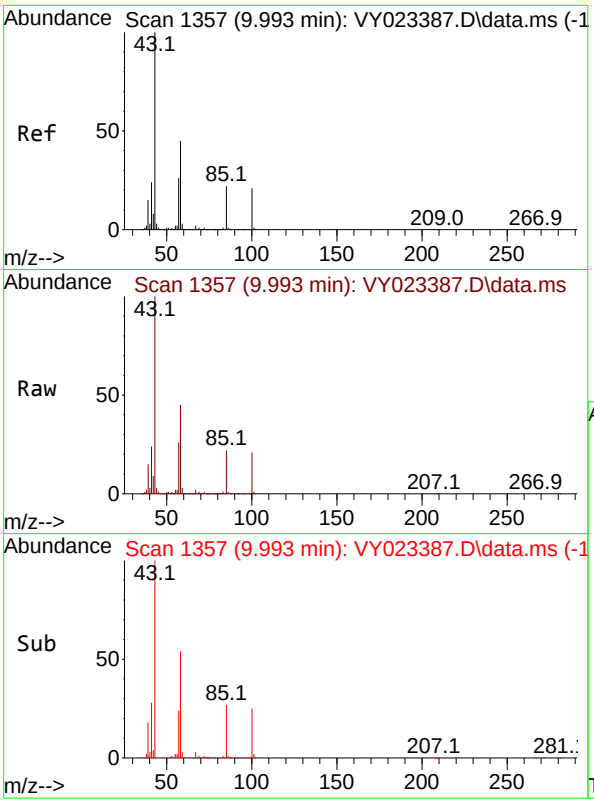


#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 98 Resp: 969649

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

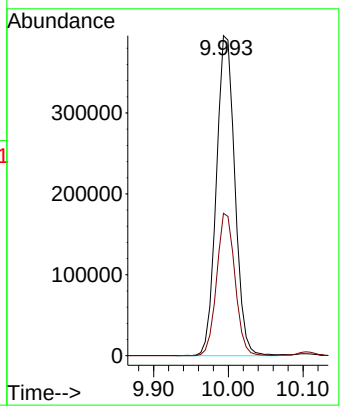




#51
4-Methyl-2-Pentanone
Concen: 235.772 ug/l
RT: 9.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 68287

Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.3	52.9



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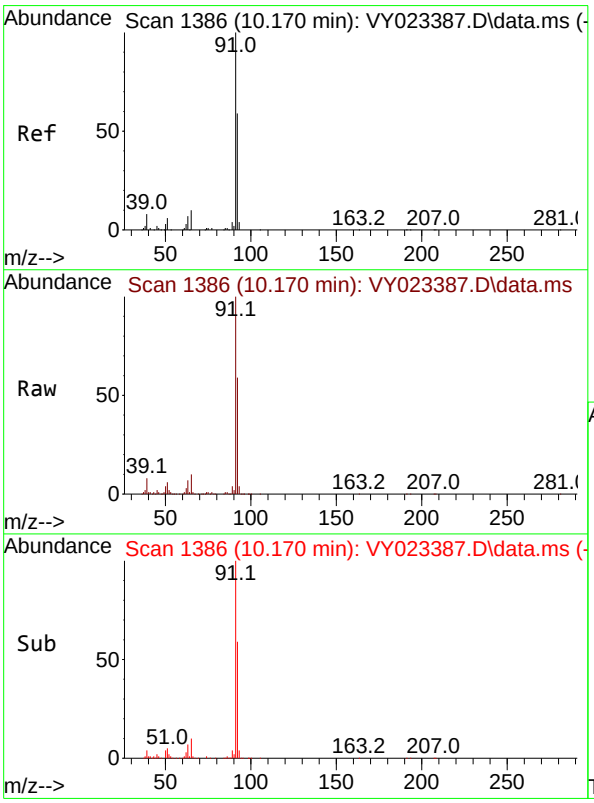
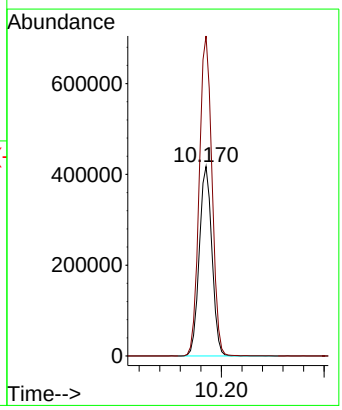
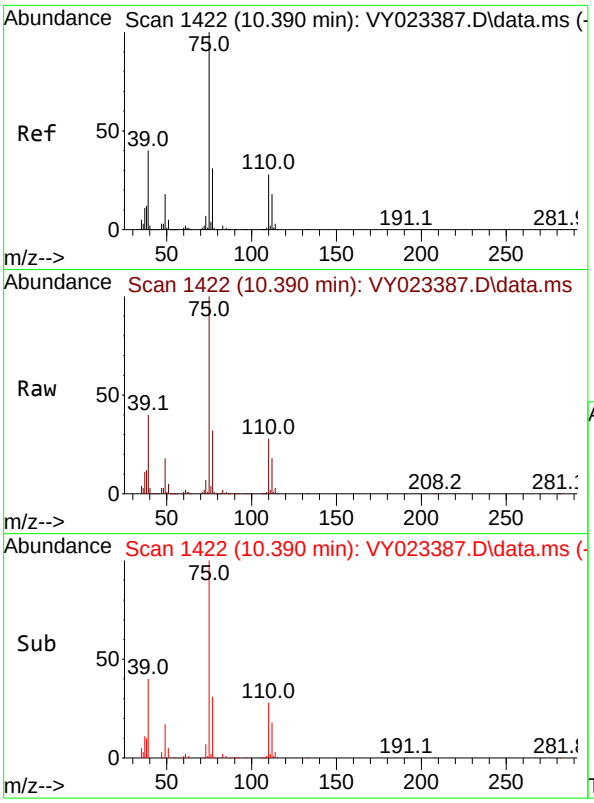


#52
Toluene
Concen: 48.824 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 92 Resp: 710404

Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 48.438 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 33039

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

Instrument :
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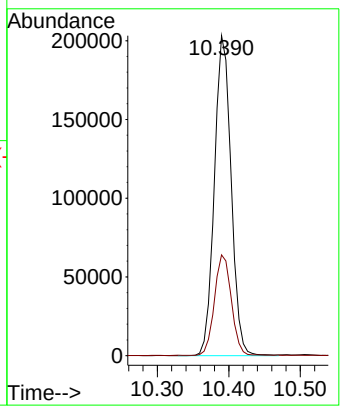
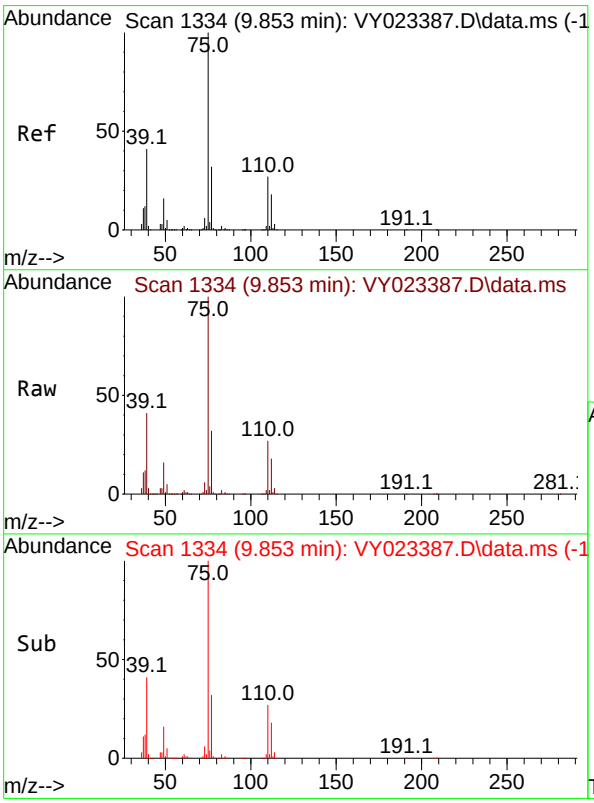
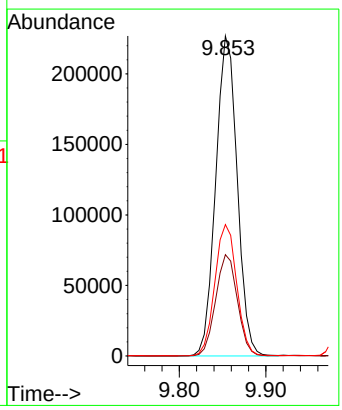


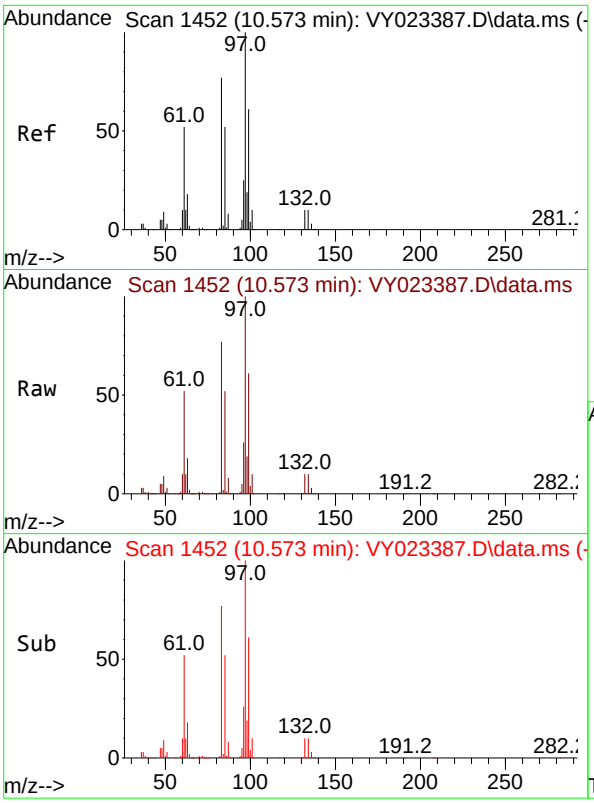


#54
cis-1,3-Dichloropropene
Concen: 47.910 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 390619

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	41.0	32.8	49.2

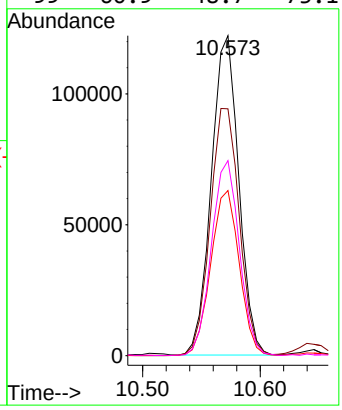




#55
1,1,2-Trichloroethane
Concen: 47.296 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 97 Resp: 19847

Ion	Ratio	Lower	Upper
97	100		
83	77.2	61.8	92.6
85	51.6	41.3	61.9
99	60.9	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
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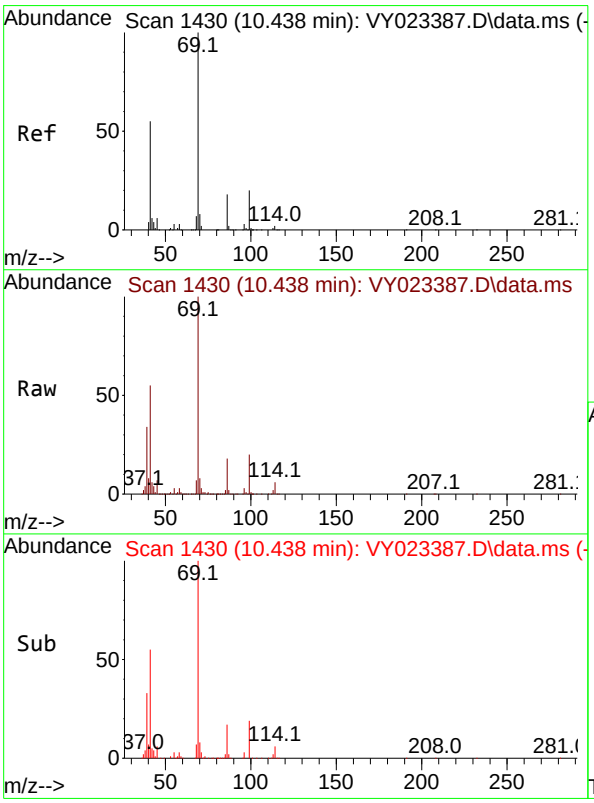
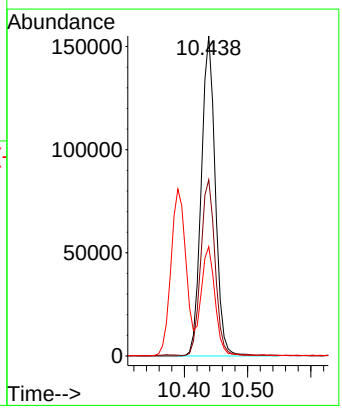
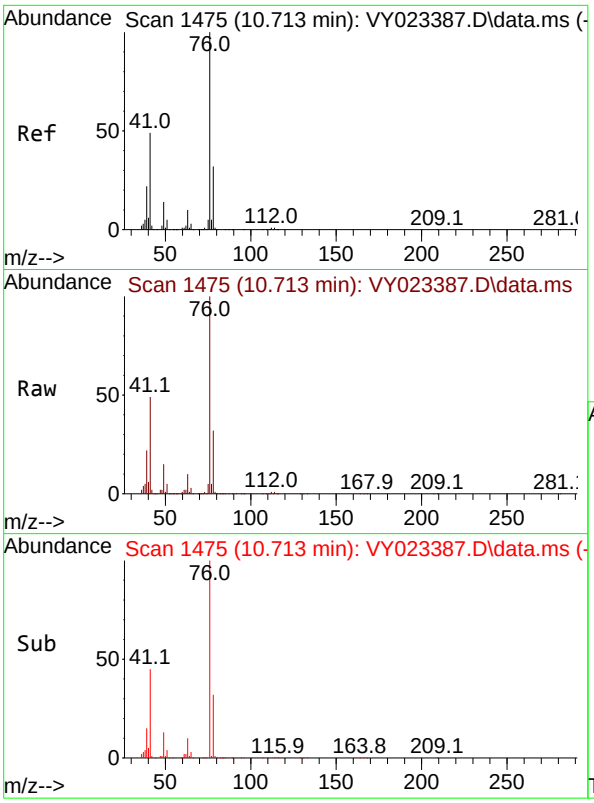


#56
Ethyl methacrylate
Concen: 49.535 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 69 Resp: 239407

Ion	Ratio	Lower	Upper
69	100		
41	55.8	44.6	67.0
39	33.7	27.0	40.4

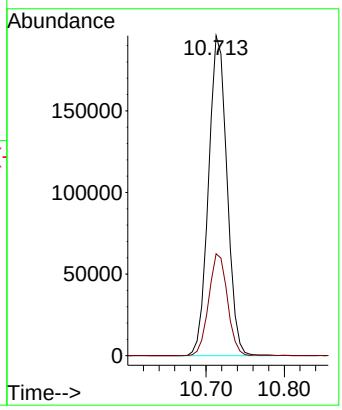




#57
1,3-Dichloropropane
Concen: 47.301 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 76 Resp: 32127(

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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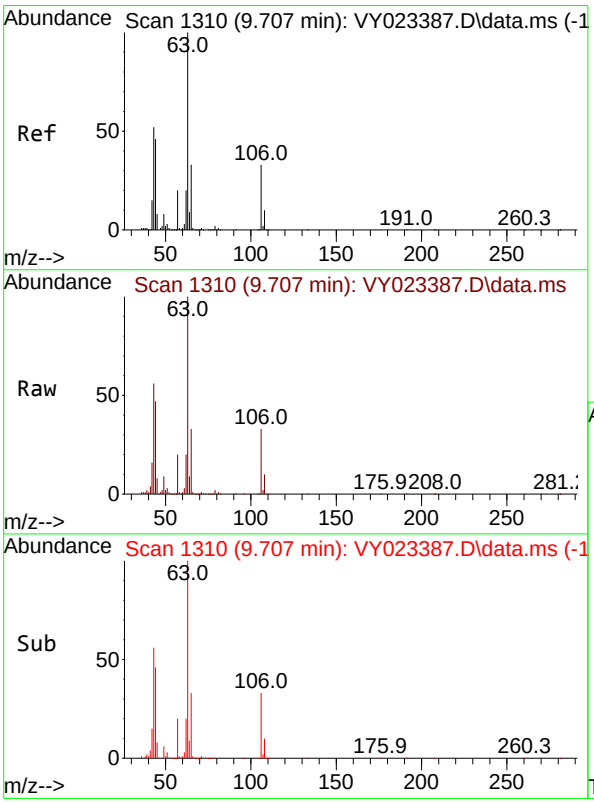
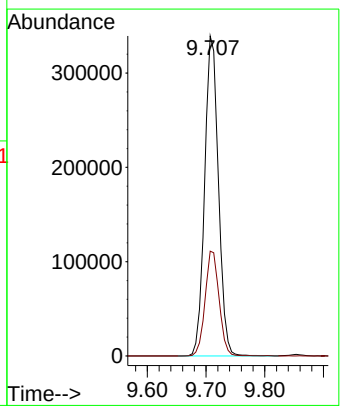
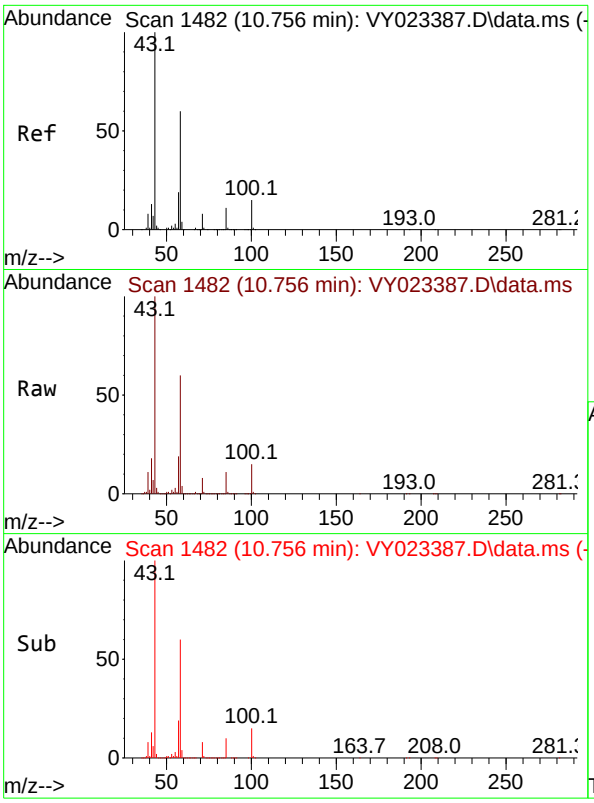


#58
2-Chloroethyl Vinyl ether
Concen: 261.921 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 63 Resp: 553816

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8

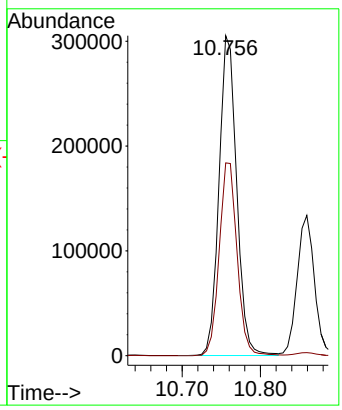




#59
2-Hexanone
Concen: 239.162 ug/l
RT: 10.756 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 47960

Ion	Ratio	Lower	Upper
43	100		
58	61.0	30.5	91.5



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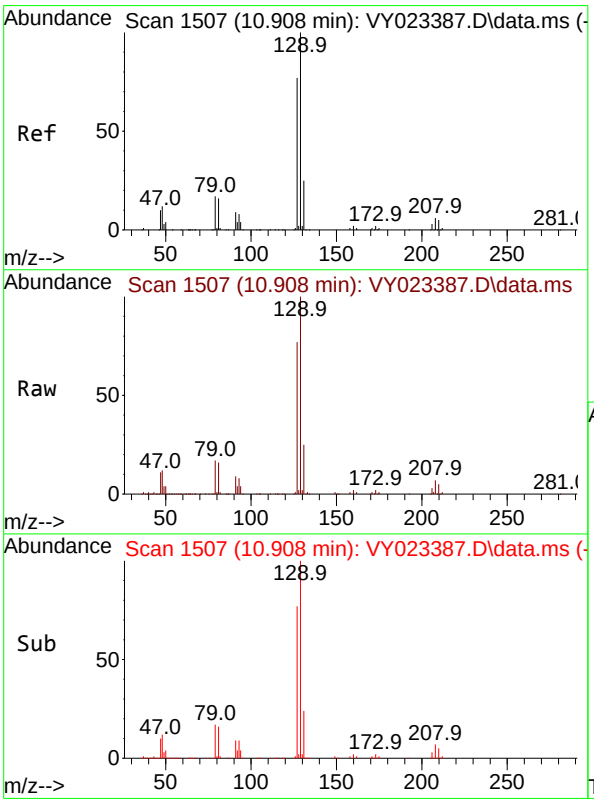
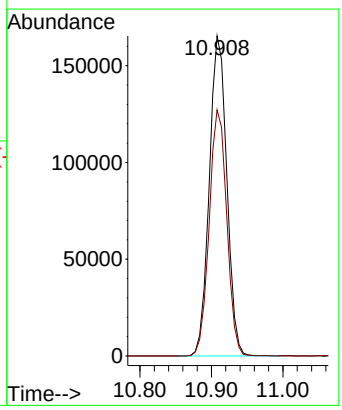
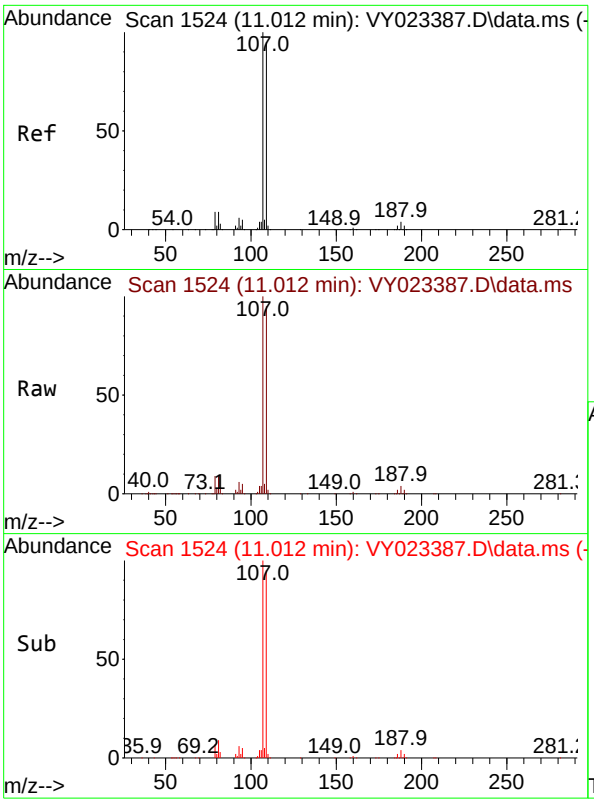


#60
Dibromochloromethane
Concen: 49.103 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:129 Resp: 281047

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7

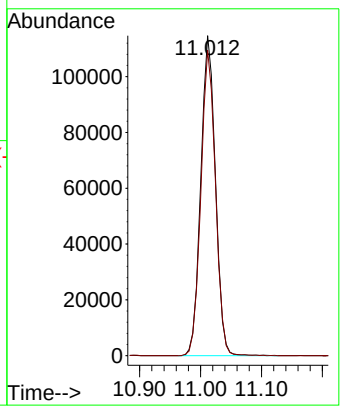




#61
1,2-Dibromoethane
Concen: 48.468 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:107 Resp: 19135

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1



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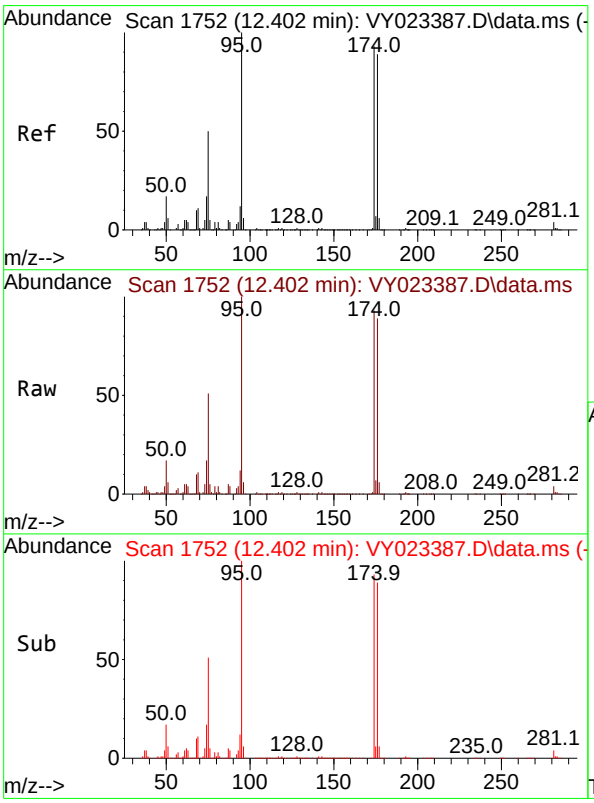
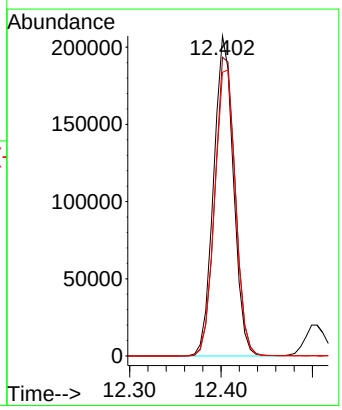
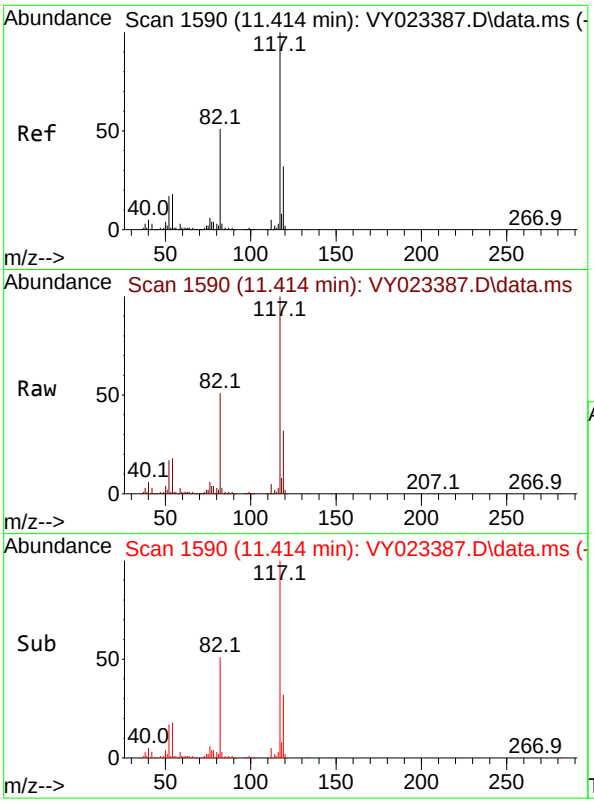


#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 95 Resp: 313426

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	192.8
176	93.8	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:117 Resp: 74986

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.0	25.6	38.4

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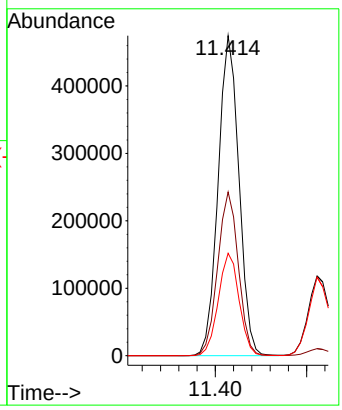
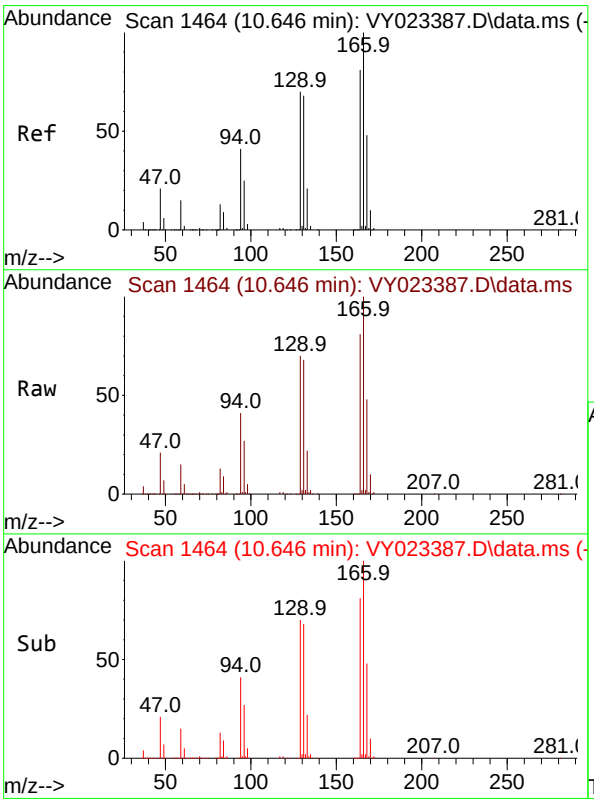
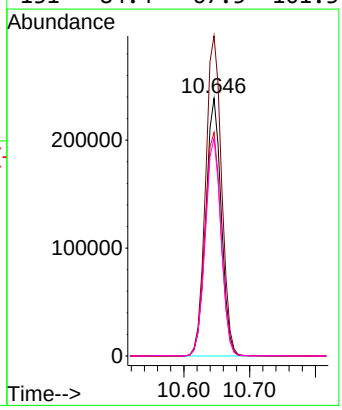


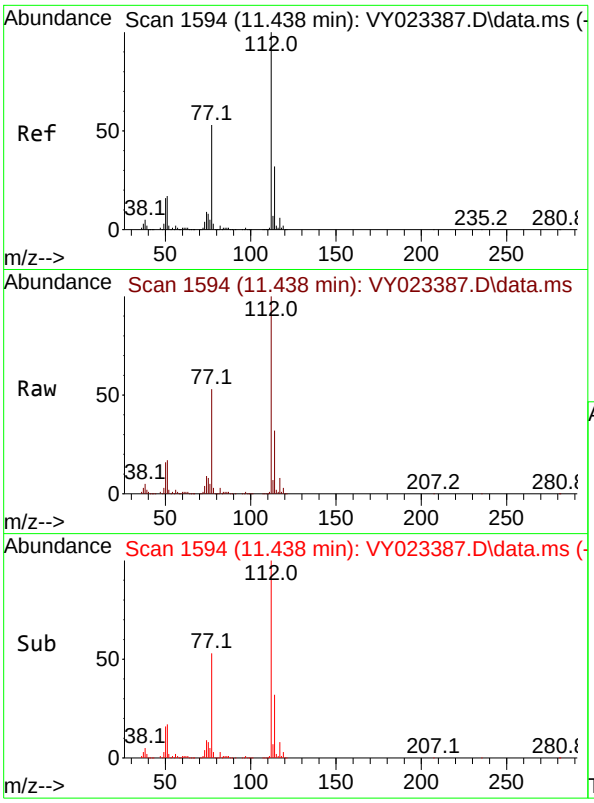


#64
Tetrachloroethene
Concen: 52.264 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:164 Resp: 392056

Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.4	149.0
129	86.8	69.4	104.2
131	84.4	67.5	101.3

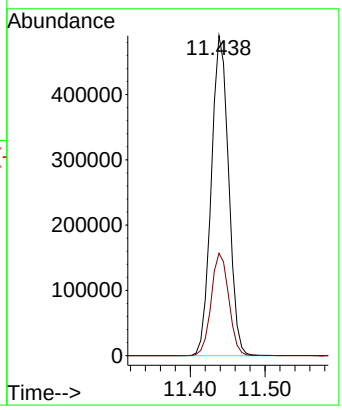




#65
Chlorobenzene
Concen: 48.460 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:112 Resp: 78965

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4



Instrument :
MSVOA_Y
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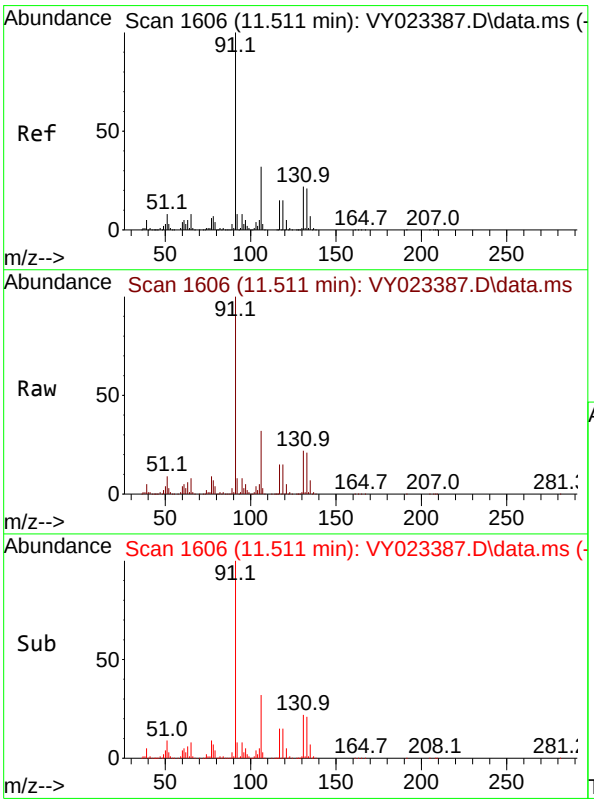
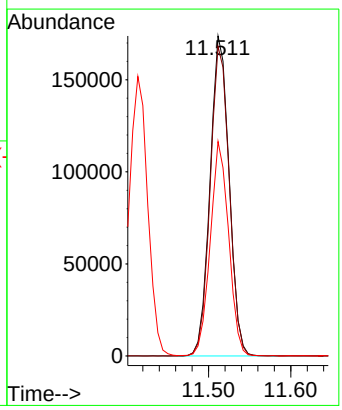
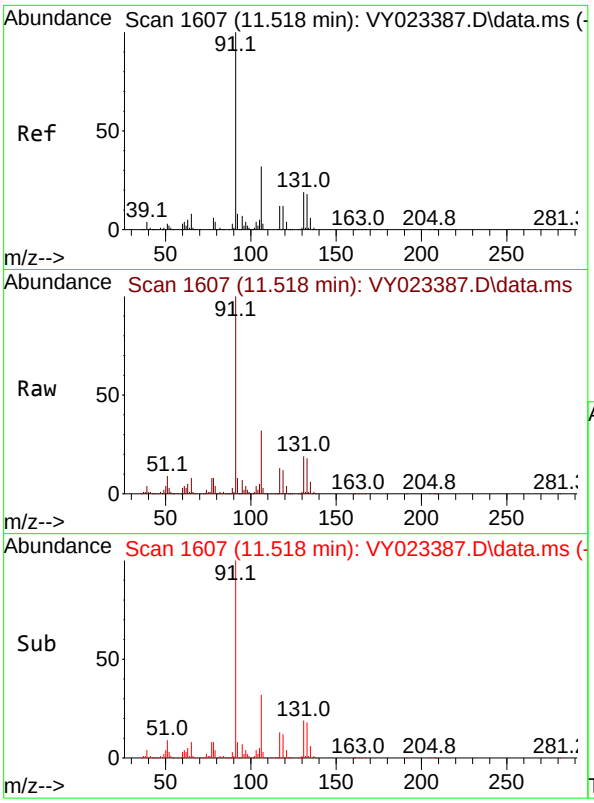


#66
1,1,1,2-Tetrachloroethane
Concen: 48.788 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:131 Resp: 279583

Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.4	145.2
119	64.8	32.4	97.2





#67
Ethyl Benzene
Concen: 50.099 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 133235

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.8	38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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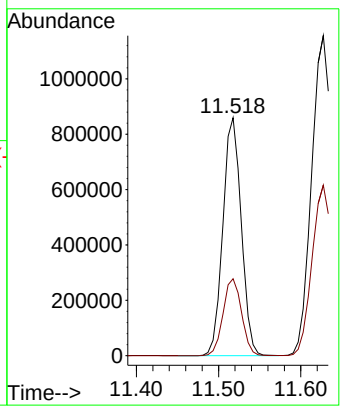
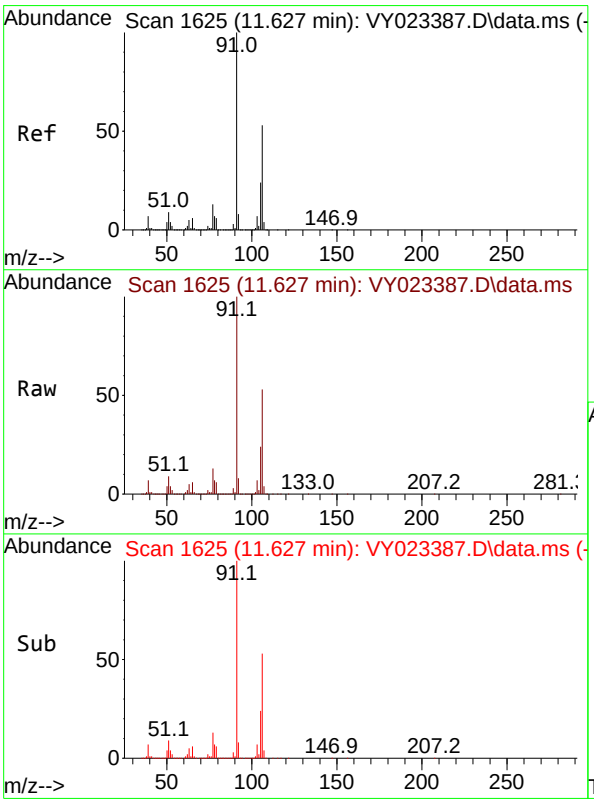
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

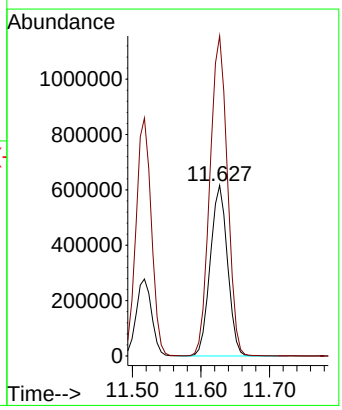


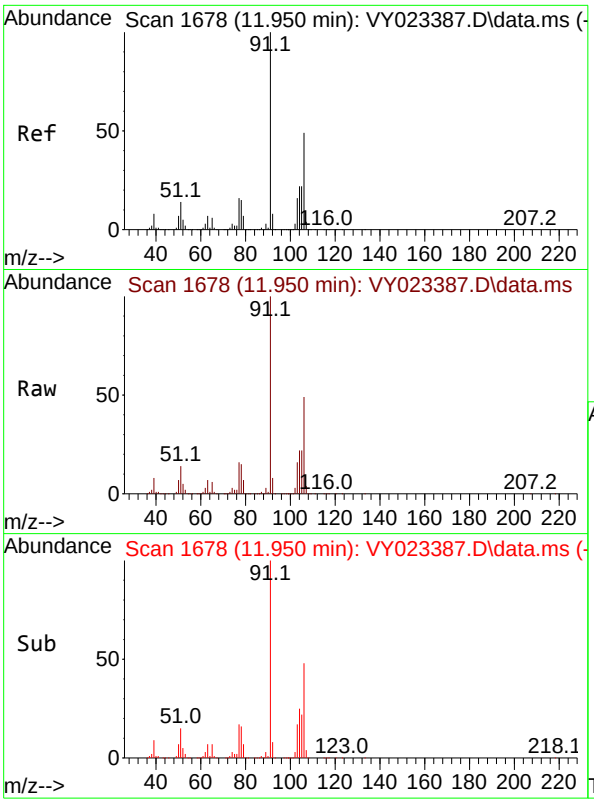


#68
m/p-Xylenes
Concen: 101.092 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:106 Resp: 1077583

Ion	Ratio	Lower	Upper
106	100		
91	190.8	152.6	229.0





#69
o-Xylene
Concen: 50.946 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:106 Resp: 50272

Ion	Ratio	Lower	Upper
106	100		
91	202.7	101.4	304.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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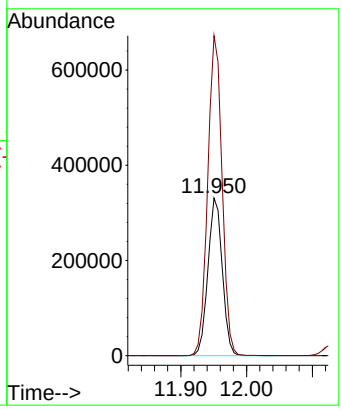
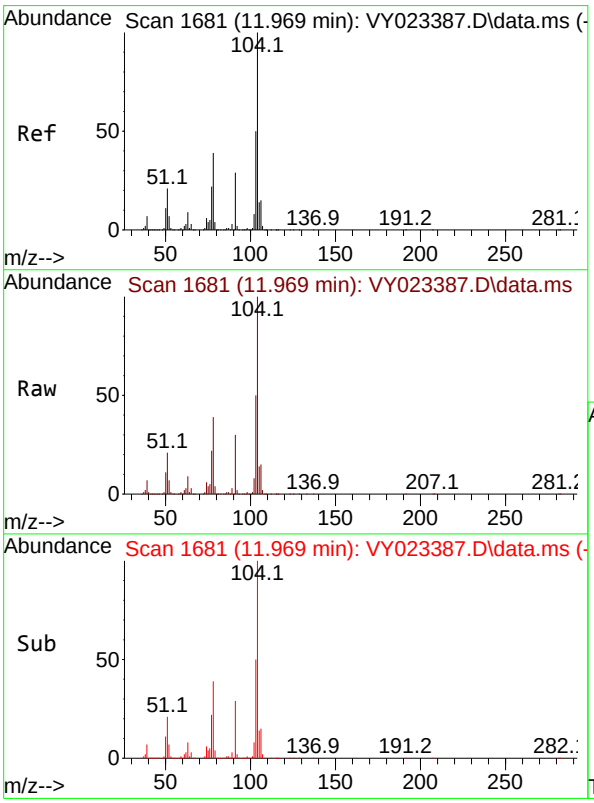
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

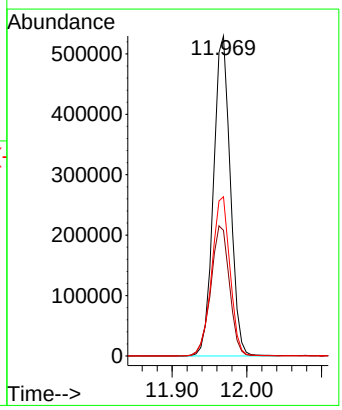


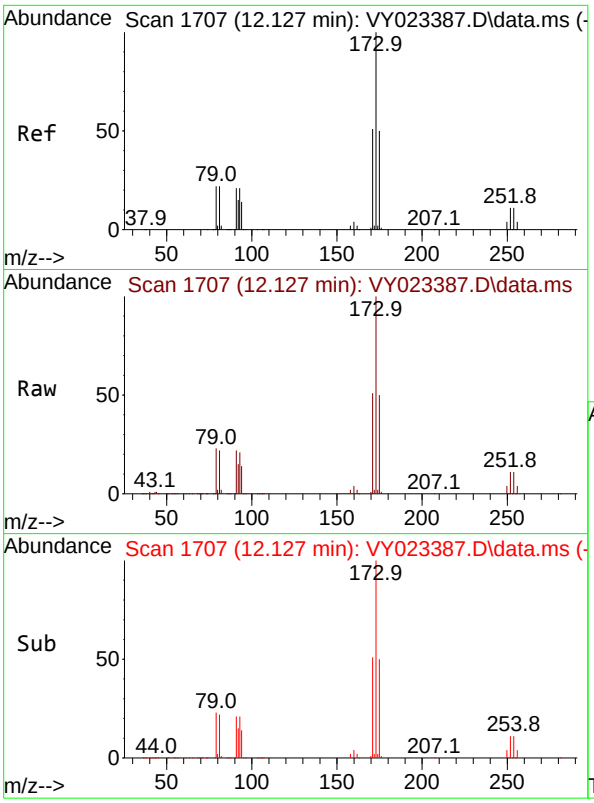


#70
Styrene
Concen: 51.059 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:104 Resp: 831908

Ion	Ratio	Lower	Upper
104	100		
78	45.1	36.1	54.1
103	54.0	43.2	64.8

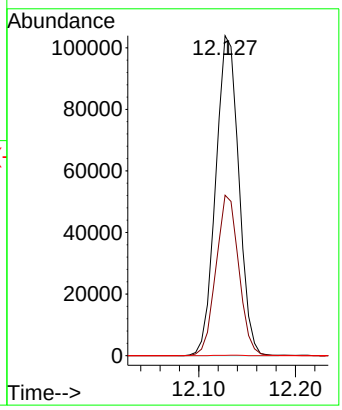




#71
Bromoform
Concen: 50.229 ug/l
RT: 12.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:173 Resp: 17231

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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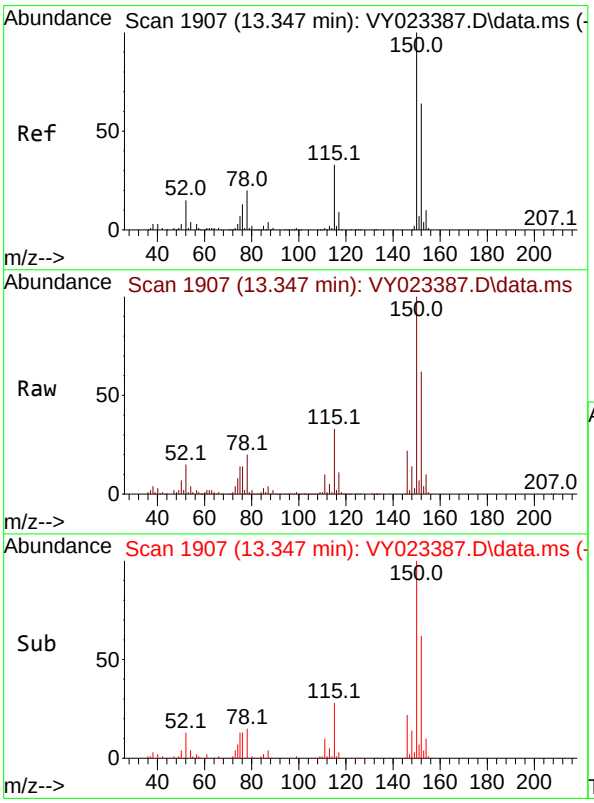
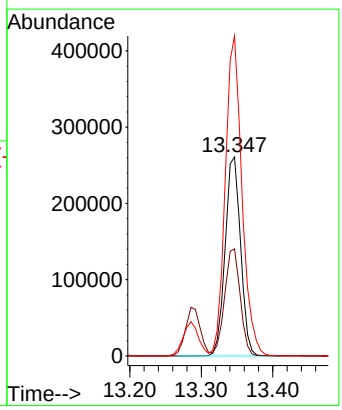
Supervised By :Mahesh Dadoda 10/10/2025

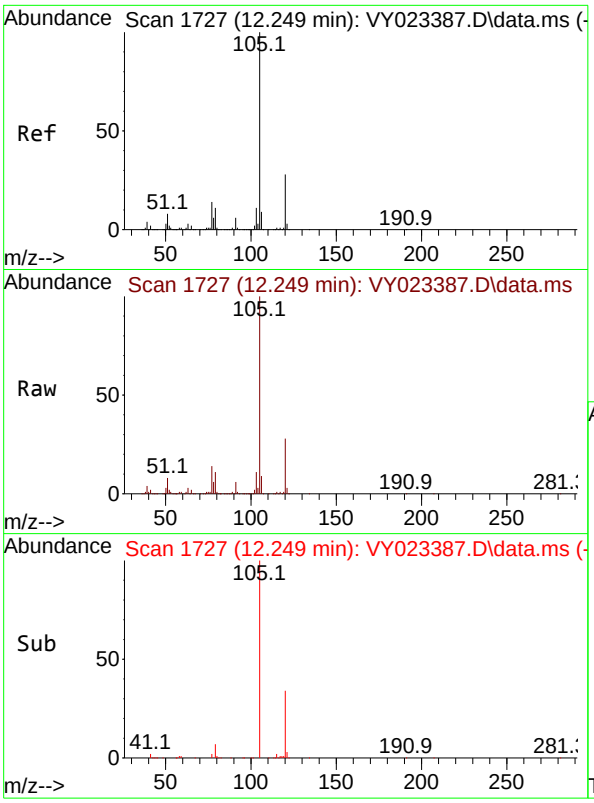


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:152 Resp: 392169

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	173.7	0.0	347.4

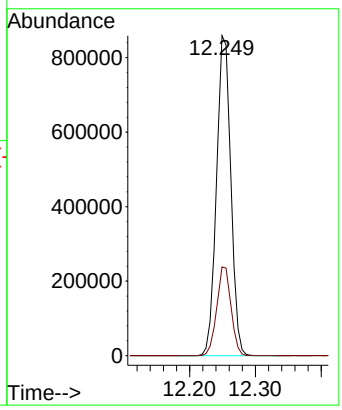




#73
Isopropylbenzene
Concen: 49.803 ug/l
RT: 12.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 130100

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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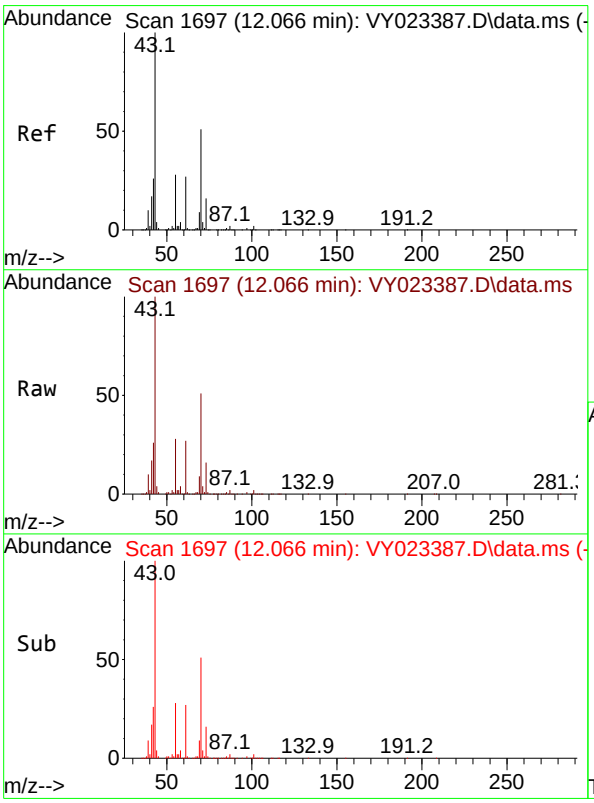
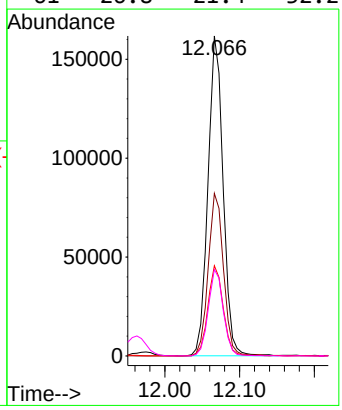
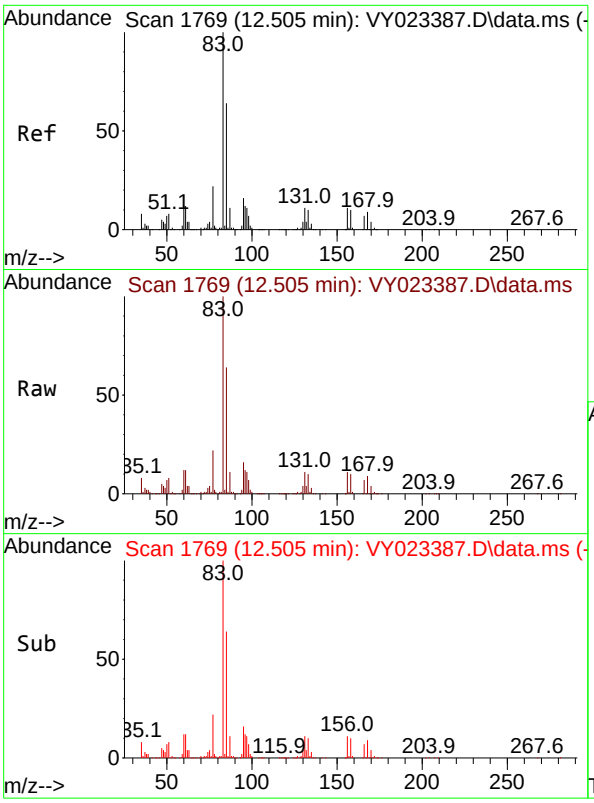


#74
N-amyl acetate
Concen: 46.640 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 227684

Ion	Ratio	Lower	Upper
43	100		
70	51.4	41.1	61.7
55	28.8	23.0	34.6
61	26.8	21.4	32.2

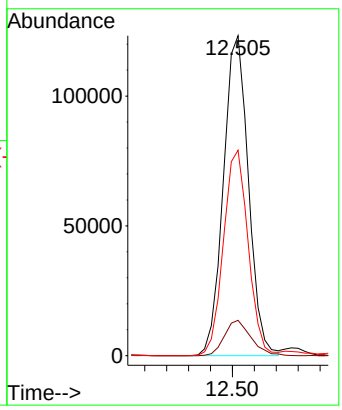




#75
1,1,2,2-Tetrachloroethane
Concen: 44.878 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 83 Resp: 19556

Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.9	17.6
85	63.5	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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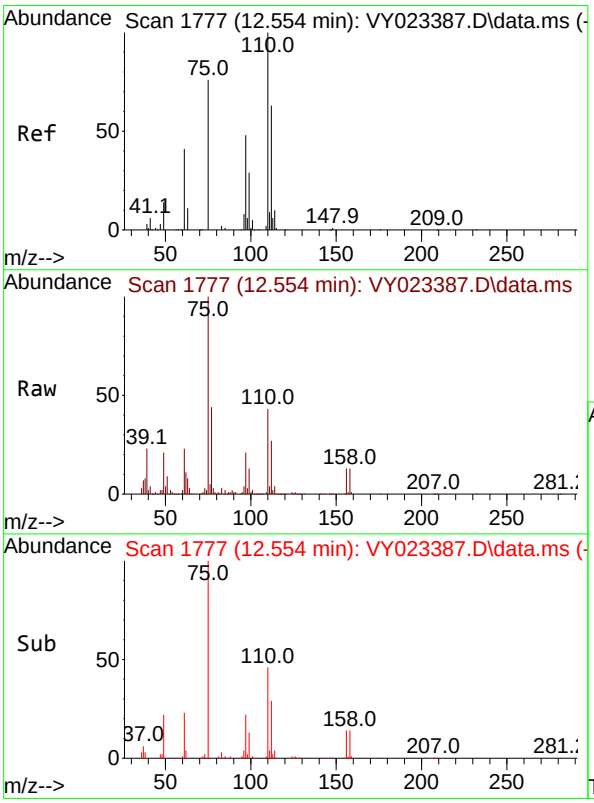
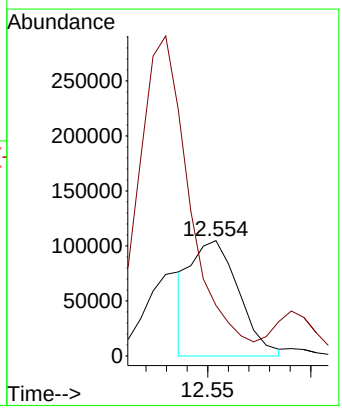
Supervised By :Mahesh Dadoda 10/10/2025

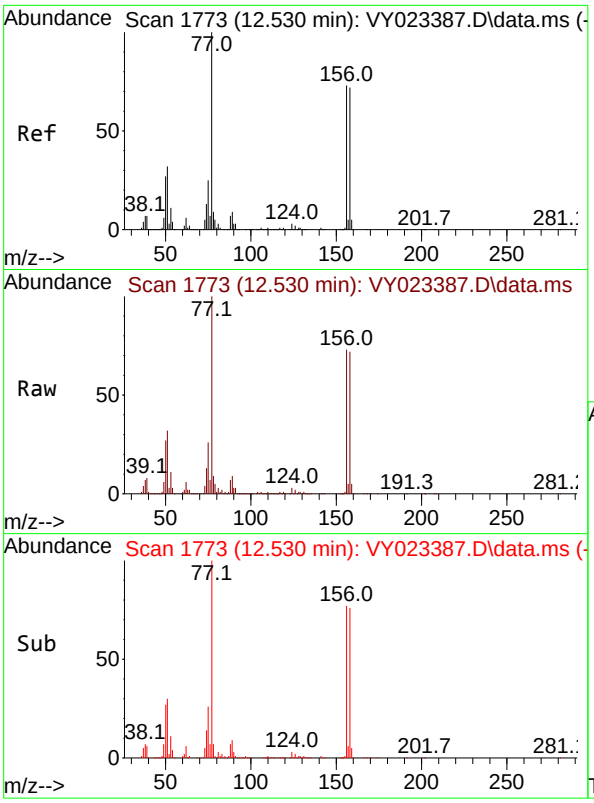


#76
1,2,3-Trichloropropane
Concen: 43.898 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 169814

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

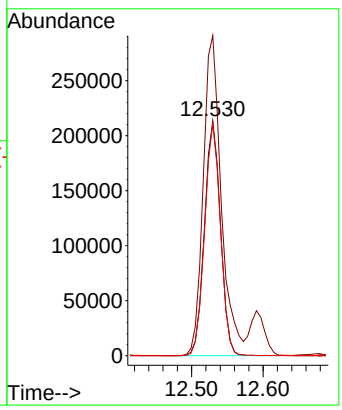




#77
Bromobenzene
Concen: 49.419 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:156 Resp: 33133

Ion	Ratio	Lower	Upper
156	100		
77	153.7	76.8	230.5
158	98.1	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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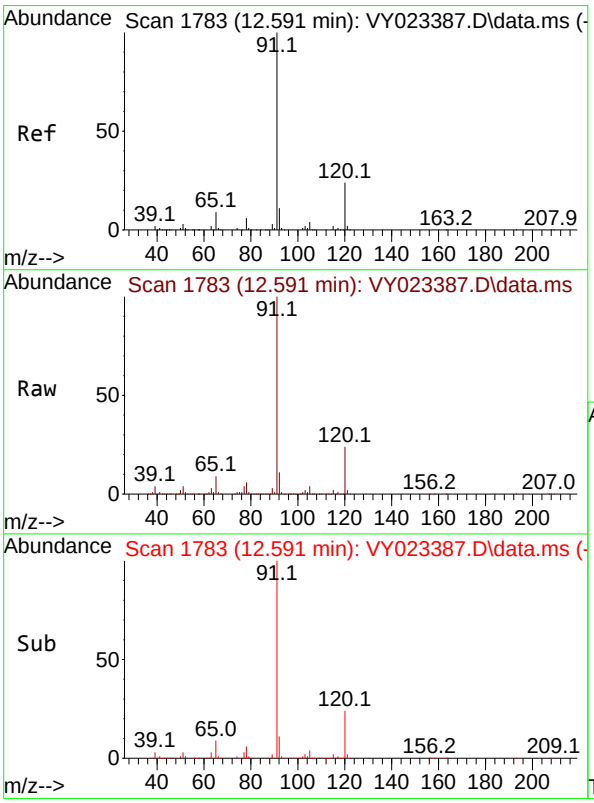
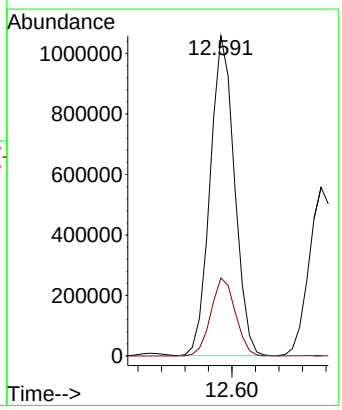
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

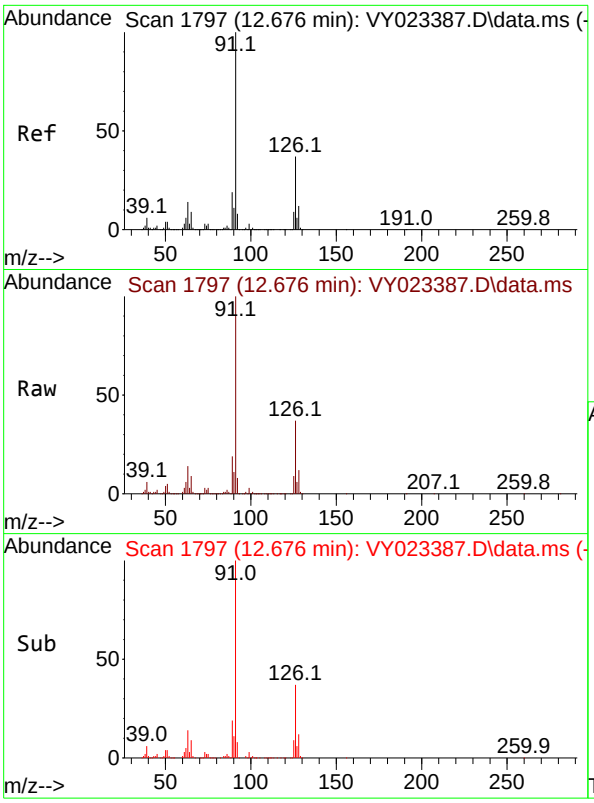


#78
n-propylbenzene
Concen: 49.572 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 1522965

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.3	36.8

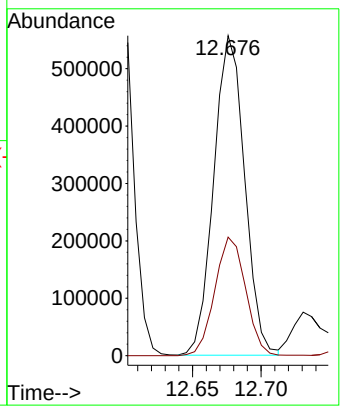




#79
2-Chlorotoluene
Concen: 49.235 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 87333

Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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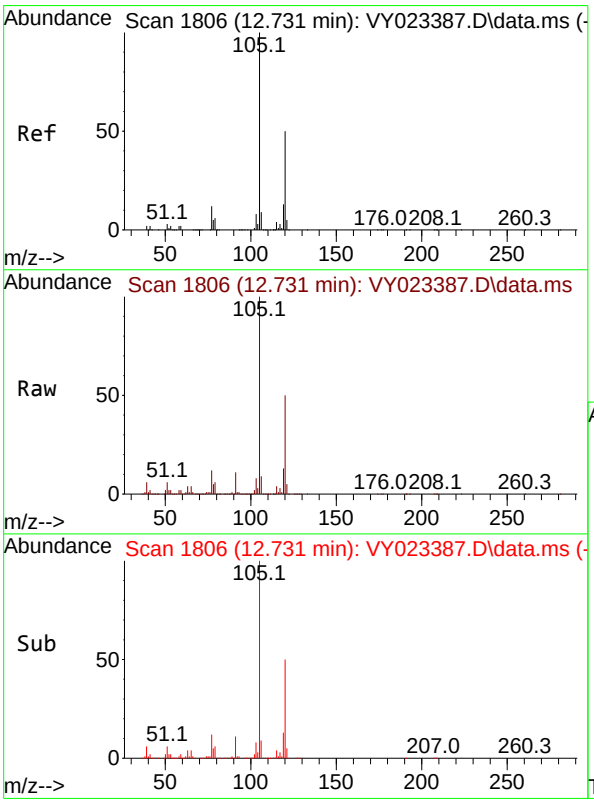
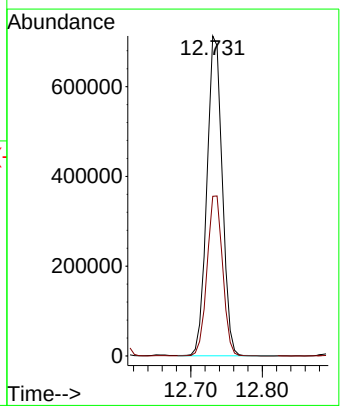
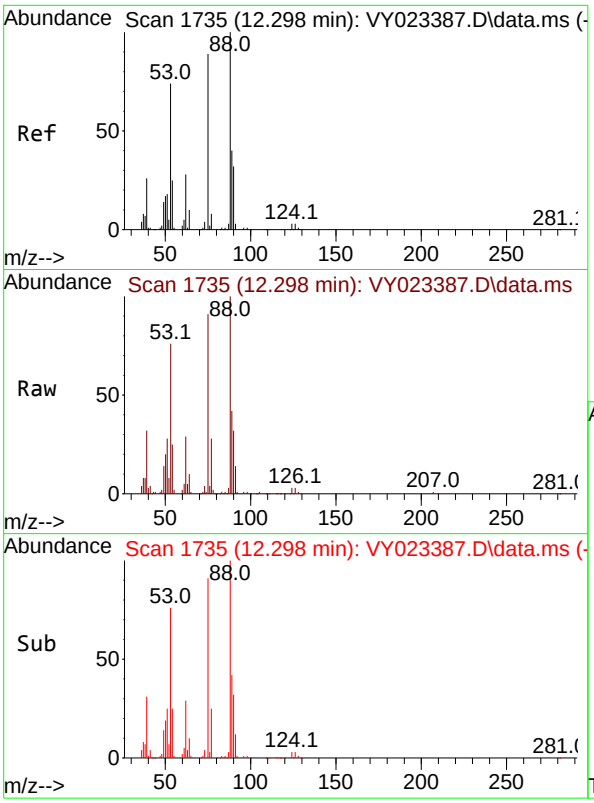


#80
1,3,5-Trimethylbenzene
Concen: 49.966 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 1061112

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.212 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 6629

Ion	Ratio	Lower	Upper
75	100		
53	85.7	68.6	102.8
89	48.7	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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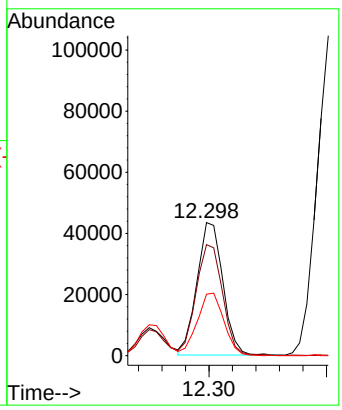
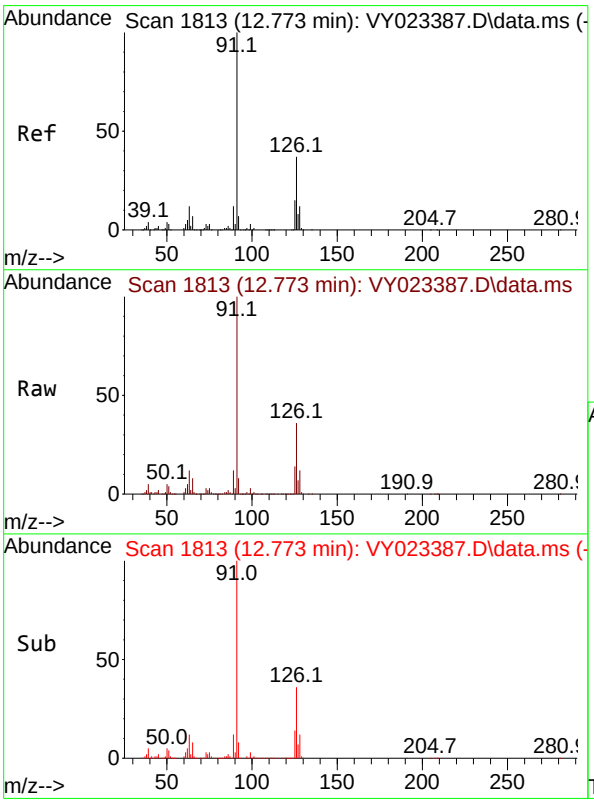
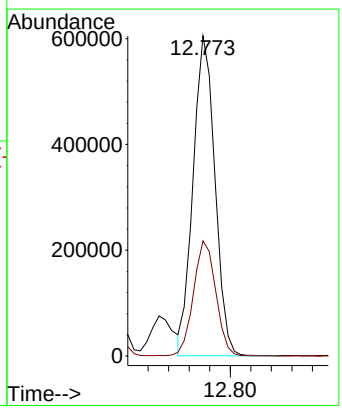


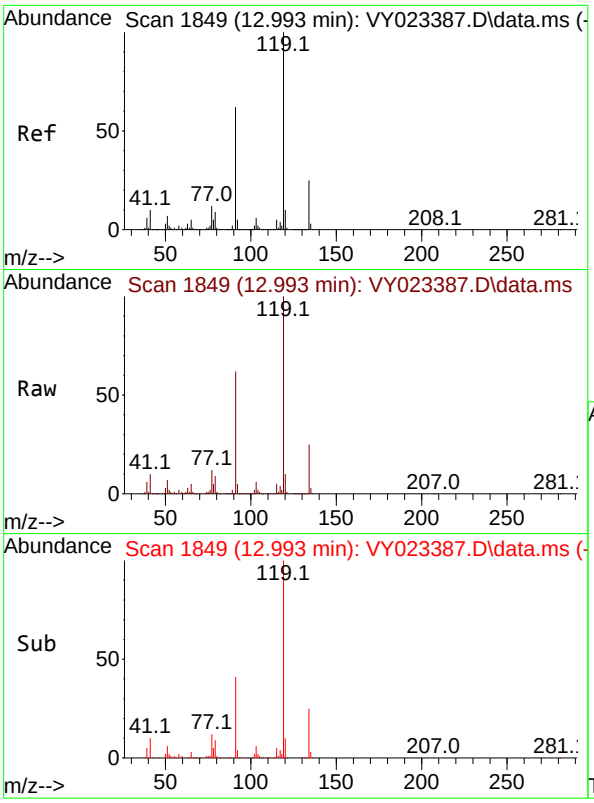


#82
4-Chlorotoluene
Concen: 48.192 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 892764

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.4	55.4

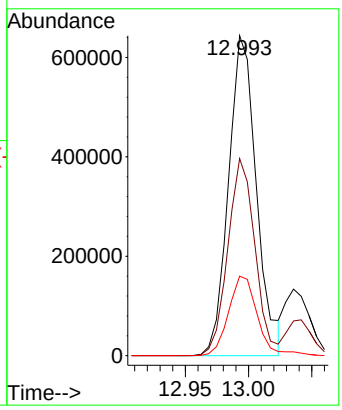




#83
tert-Butylbenzene
Concen: 51.104 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:119 Resp: 98893

Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.9	89.8
134	25.8	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/10/2025
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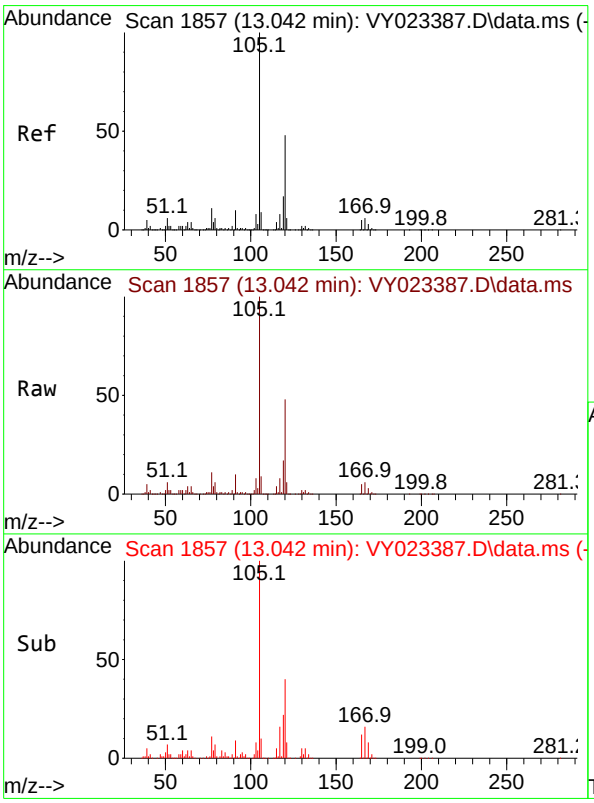
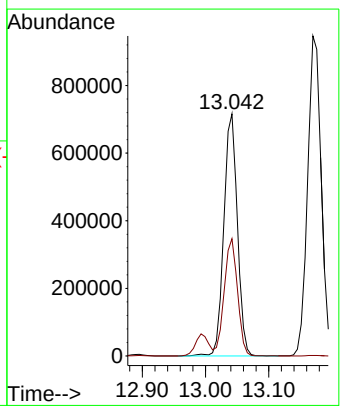
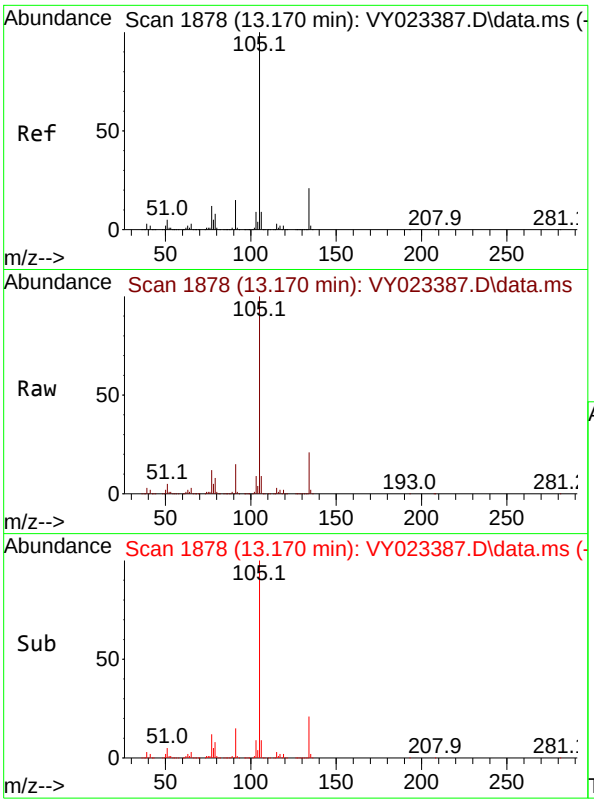


#84
1,2,4-Trimethylbenzene
Concen: 50.505 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 1061159

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.8	71.2

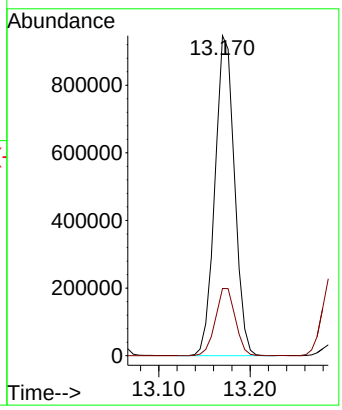




#85
sec-Butylbenzene
Concen: 50.133 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 140500

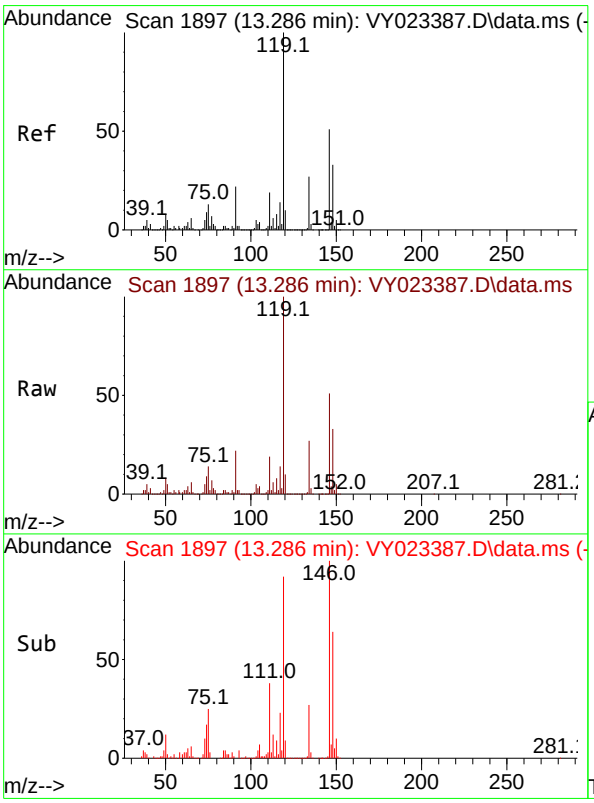
Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

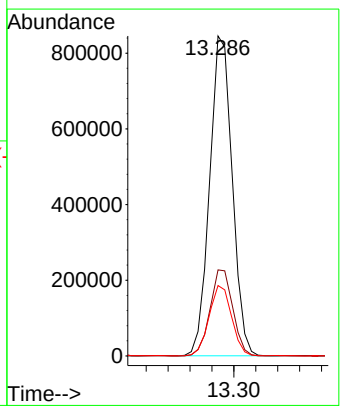
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

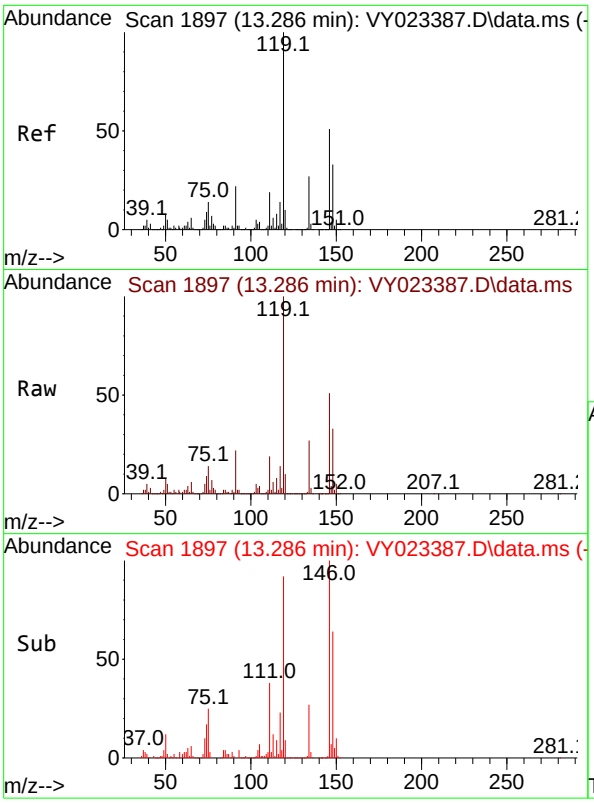


#86
p-Isopropyltoluene
Concen: 51.115 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:119 Resp: 1210644

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	21.9	10.9	32.9

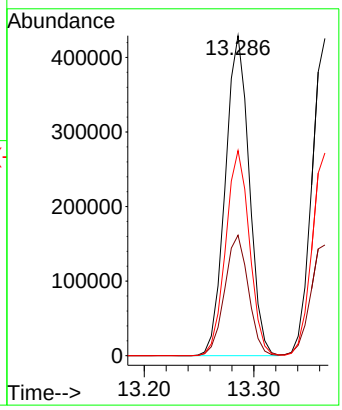




#87
1,3-Dichlorobenzene
Concen: 49.072 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:146 Resp: 64989

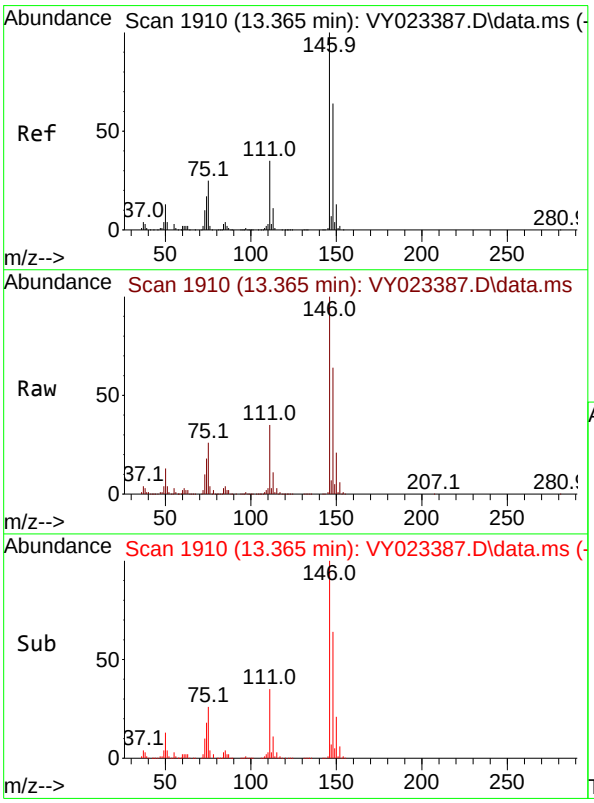
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.9	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

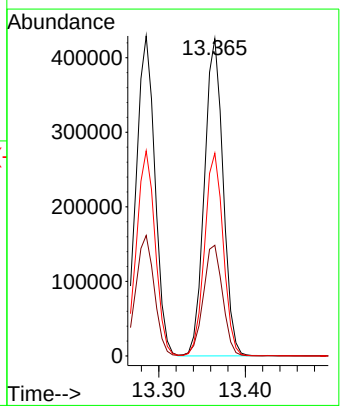
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

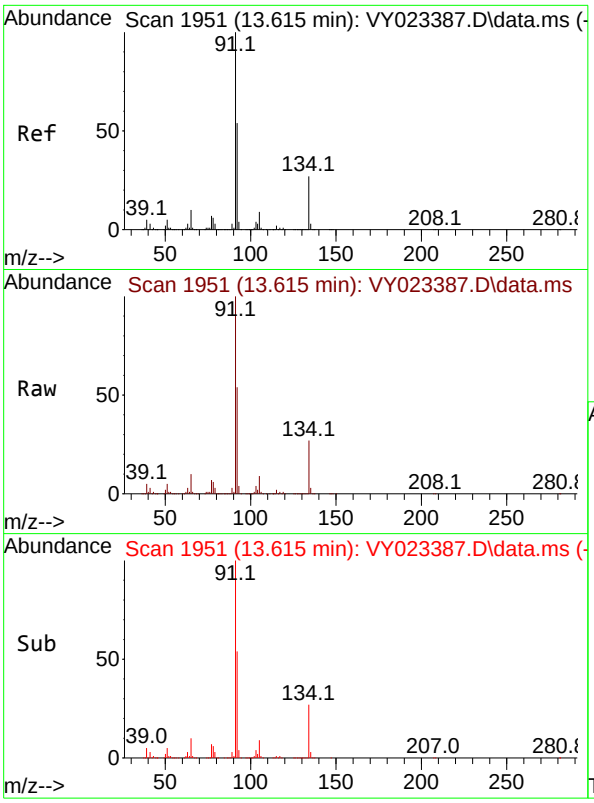


#88
1,4-Dichlorobenzene
Concen: 48.476 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:146 Resp: 636694

Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.8	31.9	95.7

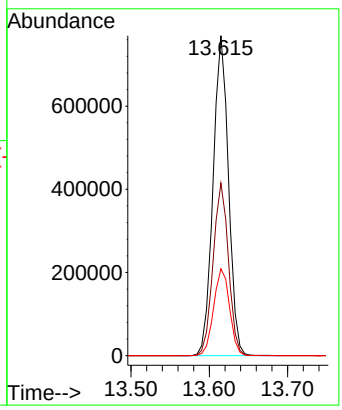




#89
n-Butylbenzene
Concen: 50.299 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 105194

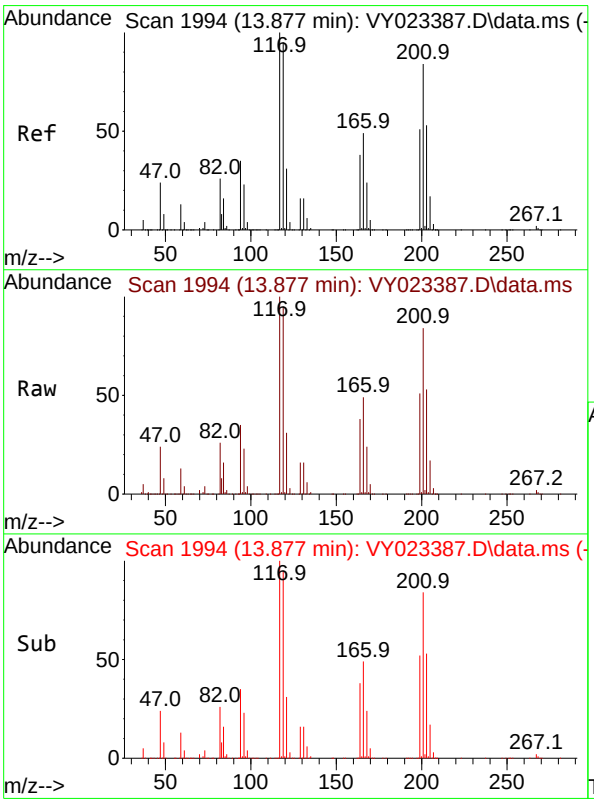
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.1	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

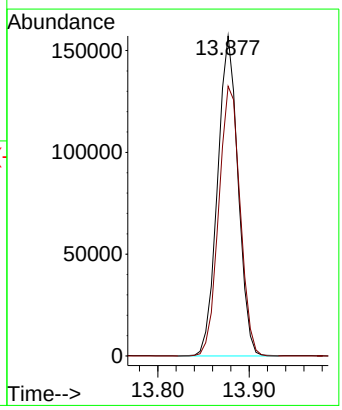
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

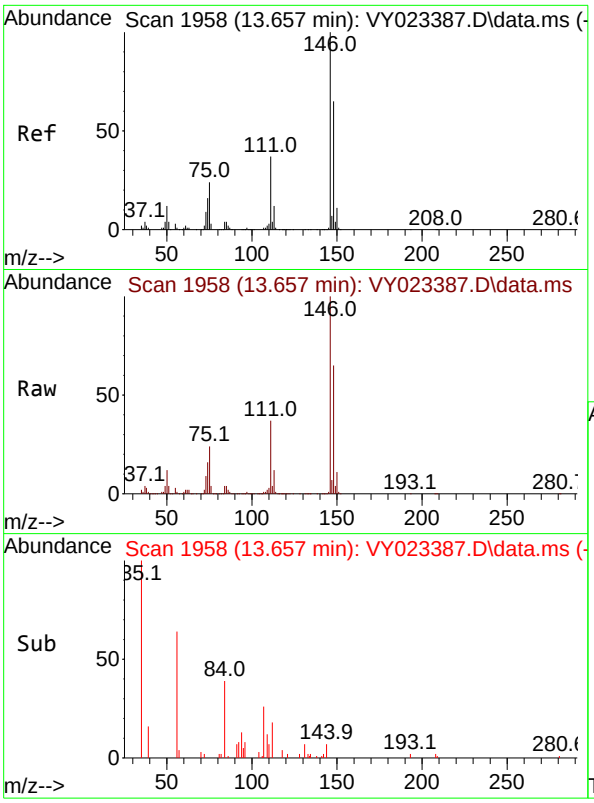


#90
Hexachloroethane
Concen: 47.664 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:117 Resp: 245108

Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.8	131.4

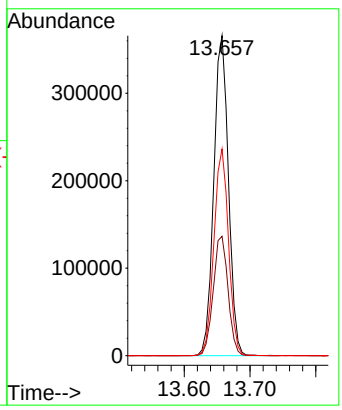




#91
1,2-Dichlorobenzene
Concen: 49.075 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:146 Resp: 56711

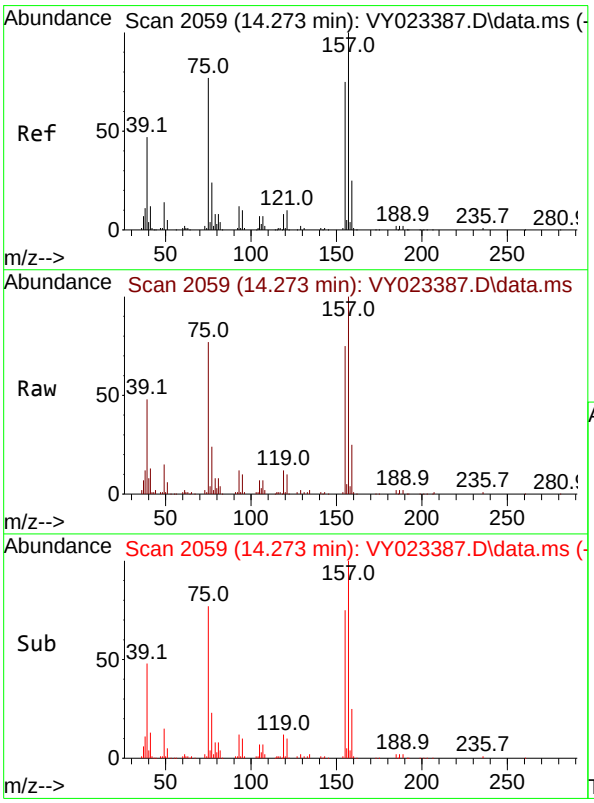
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.2	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

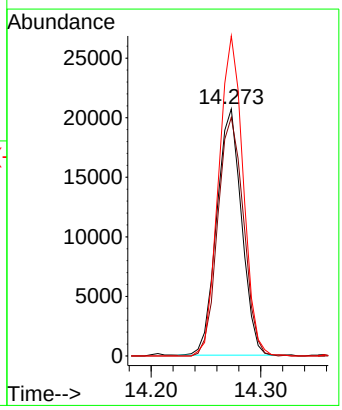
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

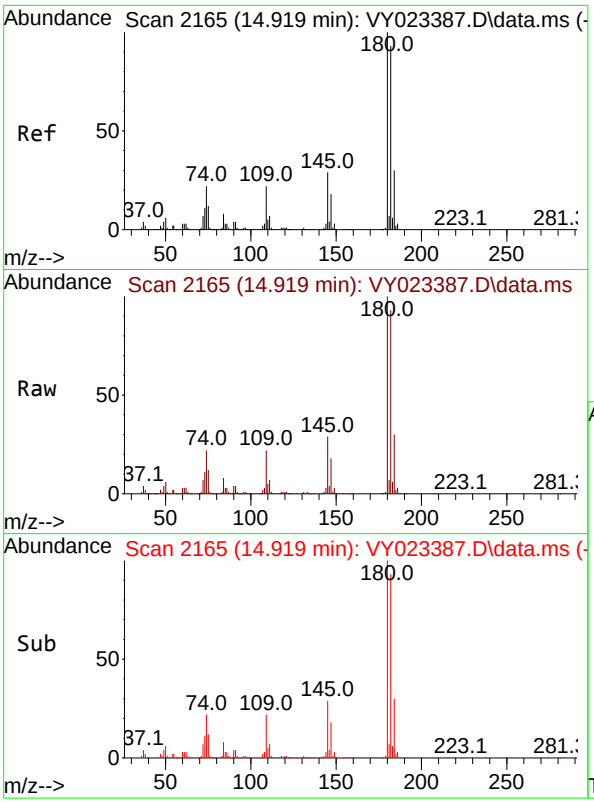


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.184 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 32585

Ion	Ratio	Lower	Upper
75	100		
155	100.0	50.0	150.0
157	127.7	63.8	191.5

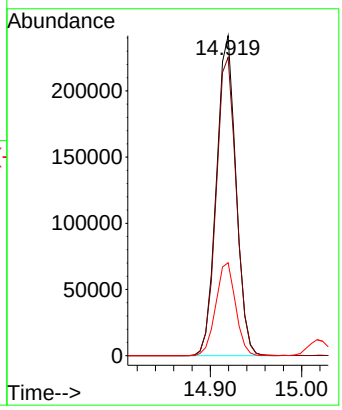




#93
1,2,4-Trichlorobenzene
Concen: 52.852 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:180 Resp: 35983

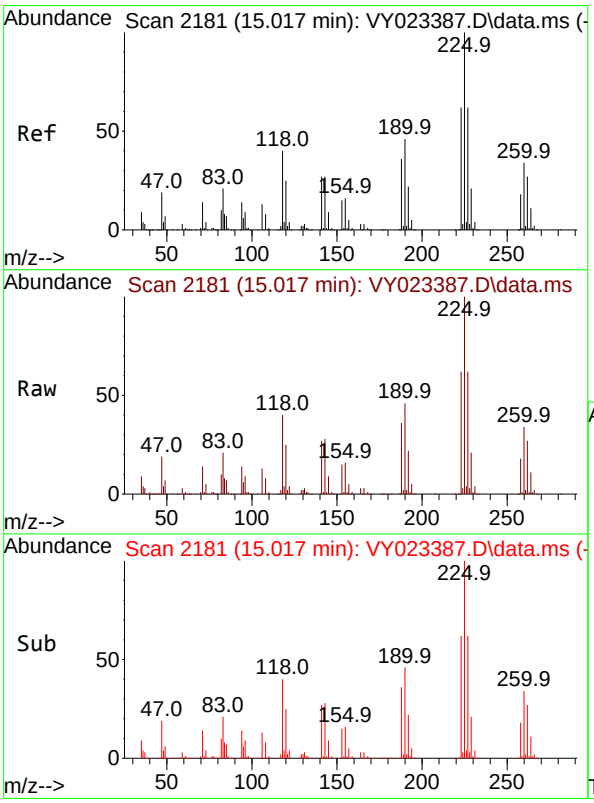
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	29.4	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

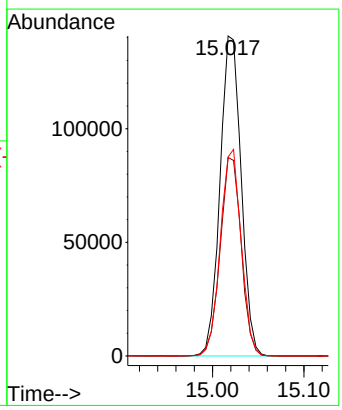
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

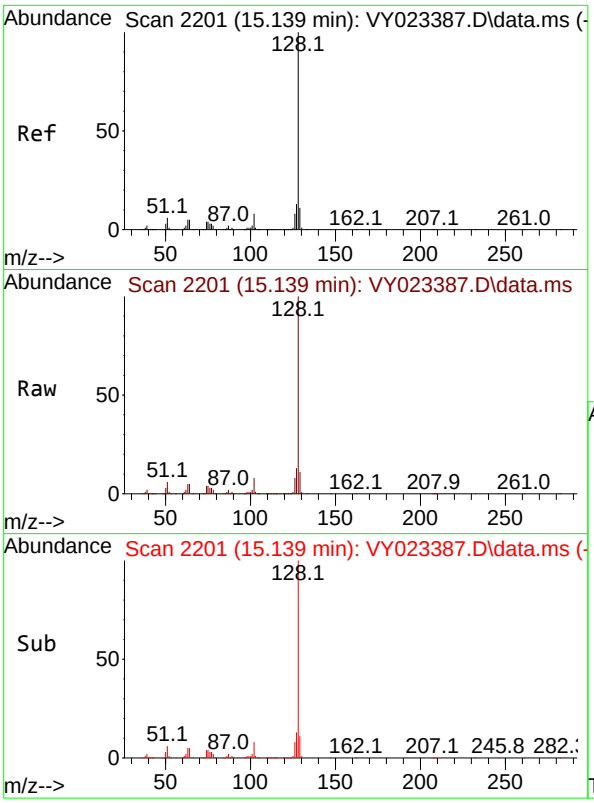


#94
Hexachlorobutadiene
Concen: 53.346 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:225 Resp: 226316

Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.8	92.3
227	63.8	31.9	95.7

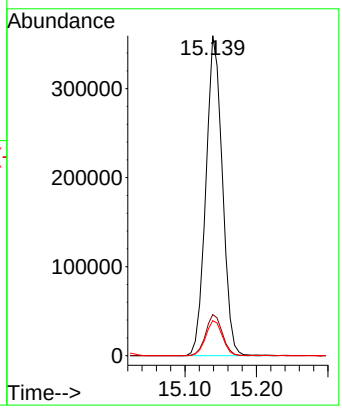




#95
Naphthalene
Concen: 53.012 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:128 Resp: 57504

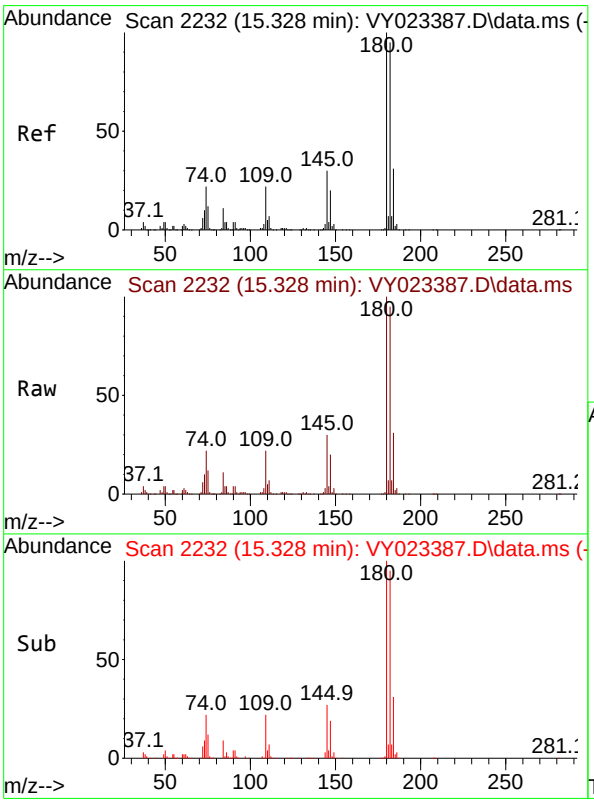
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

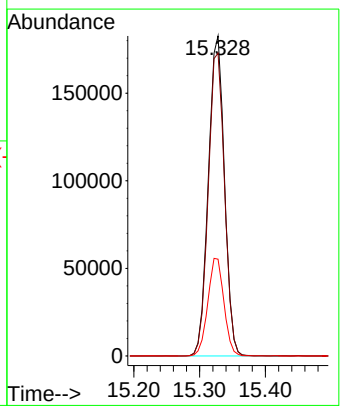
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.628 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:180 Resp: 310831

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	30.6	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	595770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	400285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	467005	90.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.020%#			
35) Dibromofluoromethane	7.634	113	511478	98.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.000%#			
50) Toluene-d8	10.103	98	1919872	98.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 196.060%#			
62) 4-Bromofluorobenzene	12.401	95	636435	103.007	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	368985	78.627	ug/l	96
3) Chloromethane	2.068	50	521606	78.195	ug/l	96
4) Vinyl Chloride	2.202	62	711235	84.438	ug/l	100
5) Bromomethane	2.586	94	574957	83.210	ug/l	99
6) Chloroethane	2.732	64	491625	85.968	ug/l	99
7) Trichlorofluoromethane	3.049	101	1012851	93.610	ug/l	99
8) Diethyl Ether	3.452	74	266779	94.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	511482	88.441	ug/l	100
10) Methyl Iodide	4.001	142	651575	97.495	ug/l	99
11) Tert butyl alcohol	4.866	59	172718	568.898	ug/l	99
12) 1,1-Dichloroethene	3.787	96	508059	91.303	ug/l	96
13) Acrolein	3.647	56	262636	510.573	ug/l	99
14) Allyl chloride	4.378	41	637073	91.446	ug/l	99
15) Acrylonitrile	5.055	53	522511	471.296	ug/l	100
16) Acetone	3.866	43	504700	435.004	ug/l	98
17) Carbon Disulfide	4.104	76	1442005	83.061	ug/l	99
18) Methyl Acetate	4.385	43	316911	107.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1300206	99.797	ug/l	97
20) Methylene Chloride	4.610	84	552018	87.742	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	569334	91.999	ug/l	96
22) Diisopropyl ether	6.018	45	1423347	92.133	ug/l	97
23) Vinyl Acetate	5.957	43	3975052	468.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	911619	89.517	ug/l	99
25) 2-Butanone	6.890	43	685693	478.154	ug/l	99
26) 2,2-Dichloropropane	6.884	77	833452	92.108	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	670773	95.557	ug/l	98
28) Bromochloromethane	7.244	49	321657	81.418	ug/l	99
29) Tetrahydrofuran	7.262	42	415867	488.587	ug/l	99
30) Chloroform	7.421	83	1003722	91.401	ug/l	100
31) Cyclohexane	7.701	56	767083	85.293	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	910837	92.399	ug/l	100
36) 1,1-Dichloropropene	7.835	75	692477	94.516	ug/l	99
37) Ethyl Acetate	6.982	43	280560	96.859	ug/l	98
38) Carbon Tetrachloride	7.817	117	833170	97.894	ug/l	99
39) Methylcyclohexane	9.109	83	947664	101.024	ug/l	99
40) Benzene	8.079	78	2192645	96.000	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	152239	101.200	ug/l		98
42) 1,2-Dichloroethane	8.158	62	554810	95.449	ug/l		100
43) Isopropyl Acetate	8.195	43	573653	101.815	ug/l		99
44) Trichloroethene	8.866	130	636149	99.245	ug/l		100
45) 1,2-Dichloropropane	9.140	63	485084	94.381	ug/l		99
46) Dibromomethane	9.231	93	309964	98.596	ug/l		99
47) Bromodichloromethane	9.420	83	769238	97.210	ug/l		99
48) Methyl methacrylate	9.219	41	282582	107.476	ug/l		99
49) 1,4-Dioxane	9.225	88	77305	2374.722	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	1539324	533.386	ug/l		100
52) Toluene	10.170	92	1462927	100.905	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	710475	104.537	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	822967	101.302	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	417623	99.875	ug/l		96
56) Ethyl methacrylate	10.438	69	549366	114.077	ug/l		99
57) 1,3-Dichloropropane	10.713	76	670961	99.140	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	1240361	588.731	ug/l		99
59) 2-Hexanone	10.755	43	1081568	541.284	ug/l		99
60) Dibromochloromethane	10.908	129	593878	104.133	ug/l		100
61) 1,2-Dibromoethane	11.011	107	406293	103.280	ug/l		99
64) Tetrachloroethene	10.646	164	767753	100.406	ug/l		99
65) Chlorobenzene	11.438	112	1655143	99.649	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	586878	100.470	ug/l		99
67) Ethyl Benzene	11.517	91	2788252	102.856	ug/l		98
68) m/p-Xylenes	11.627	106	2243033	206.437	ug/l		100
69) o-Xylene	11.950	106	1072335	106.611	ug/l		99
70) Styrene	11.969	104	1782757	107.344	ug/l		100
71) Bromoform	12.127	173	373208	106.727	ug/l	#	100
73) Isopropylbenzene	12.249	105	2741698	102.825	ug/l		100
74) N-amyl acetate	12.066	43	532255	106.818	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	434720	97.735	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	364622m	92.345	ug/l		
77) Bromobenzene	12.529	156	701741	102.545	ug/l		100
78) n-propylbenzene	12.590	91	3165894	100.958	ug/l		99
79) 2-Chlorotoluene	12.676	91	1800124	99.426	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2219080	102.374	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	148302	101.273	ug/l		98
82) 4-Chlorotoluene	12.773	91	1854165	98.060	ug/l		99
83) tert-Butylbenzene	12.993	119	2028198	102.684	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	2227197	103.853	ug/l		100
85) sec-Butylbenzene	13.170	105	2932949	102.530	ug/l		100
86) p-Isopropyltoluene	13.285	119	2548220	105.408	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	1361716	100.735	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	1323618	98.734	ug/l		100
89) n-Butylbenzene	13.615	91	2223744	104.174	ug/l		99
90) Hexachloroethane	13.877	117	514746	98.069	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1193043	101.146	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	70107	99.458	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	806328	116.031	ug/l		99
94) Hexachlorobutadiene	15.017	225	470072	108.557	ug/l		99
95) Naphthalene	15.139	128	1378291	124.485	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	693477	115.034	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 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_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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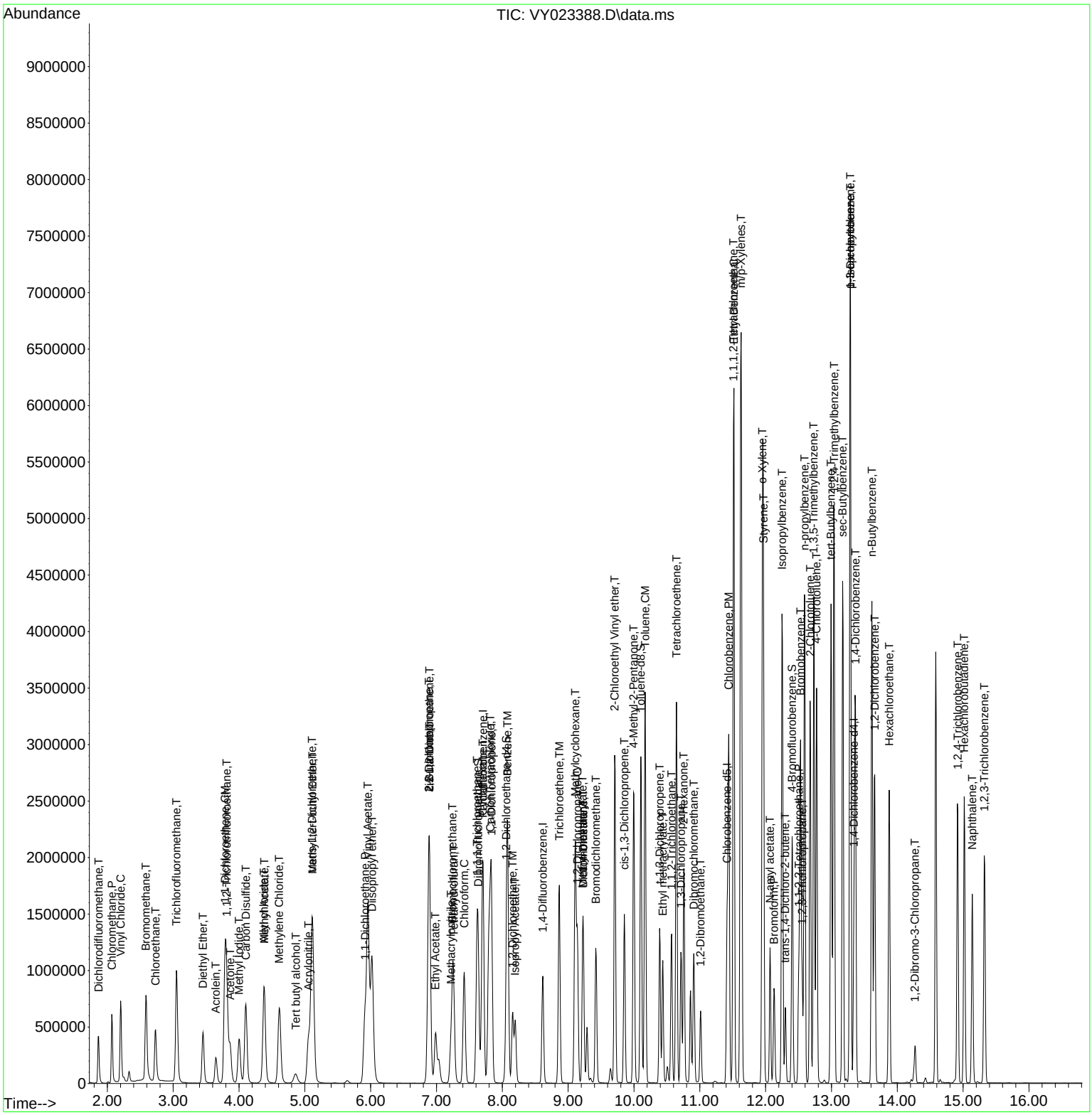
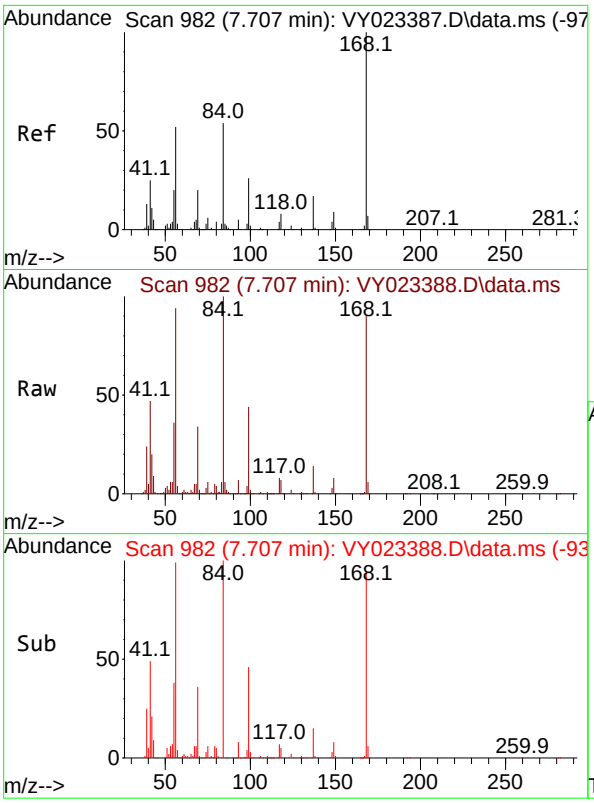
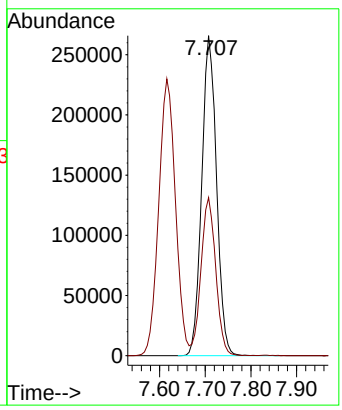




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:168 Resp: 59577

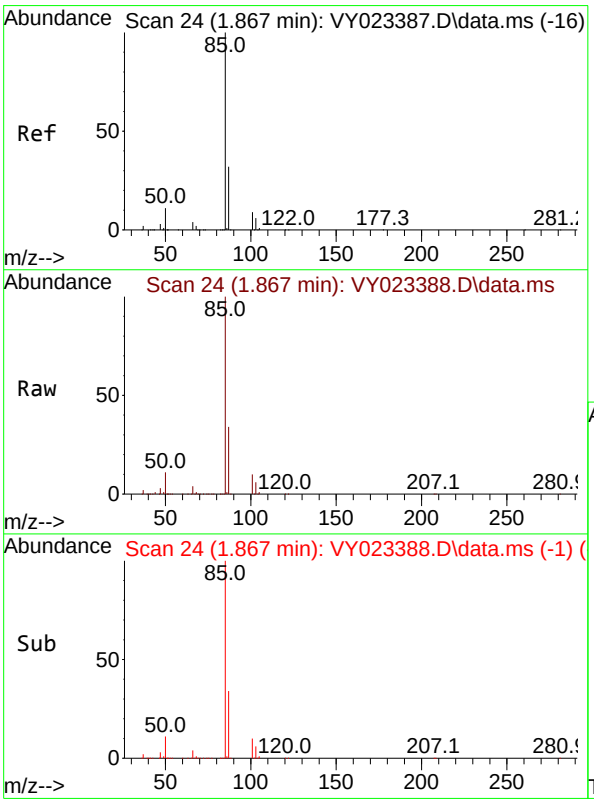
Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

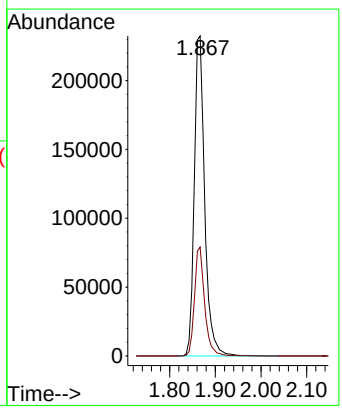
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

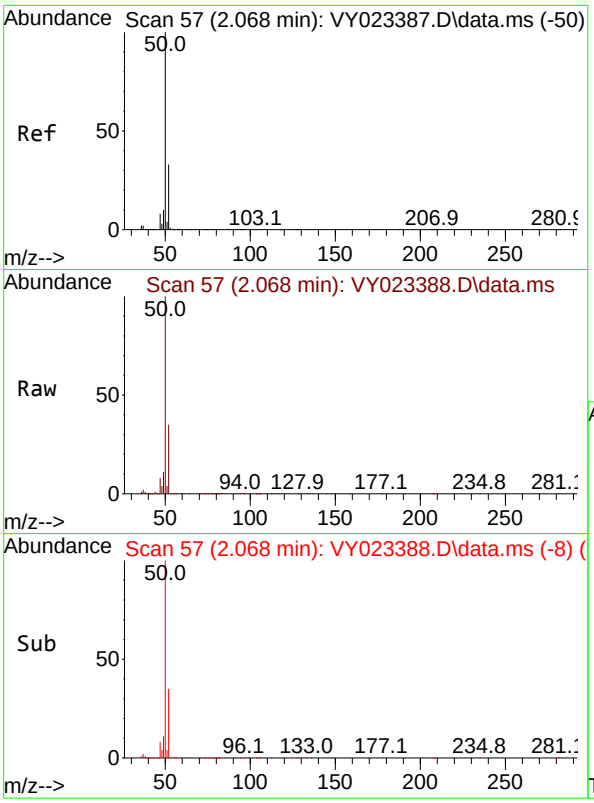


#2
Dichlorodifluoromethane
Concen: 78.627 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 85 Resp: 368985

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.0	47.9

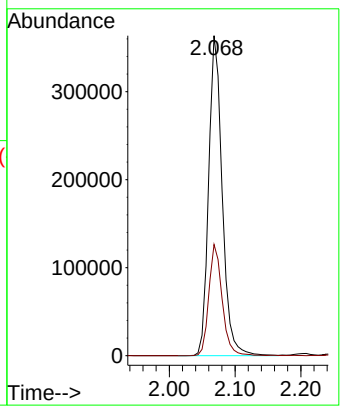




#3
Chloromethane
Concen: 78.195 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 50 Resp: 52160

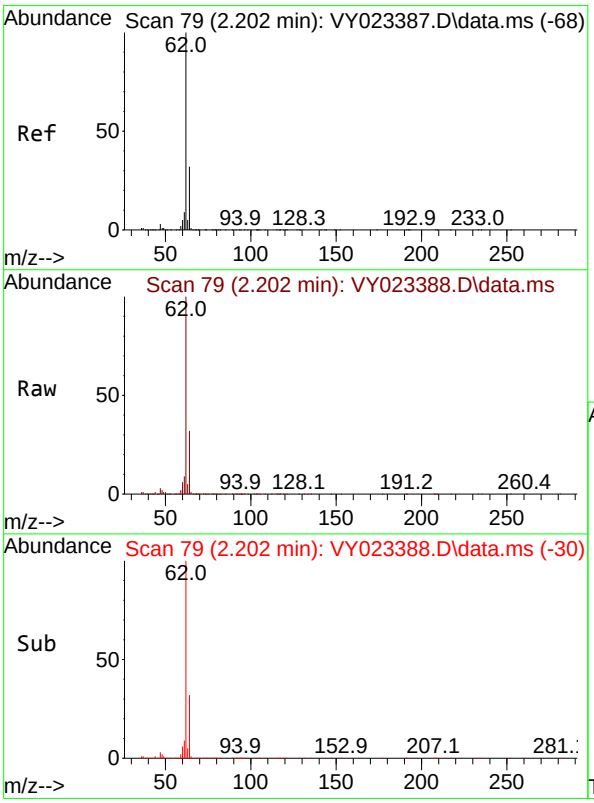
Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

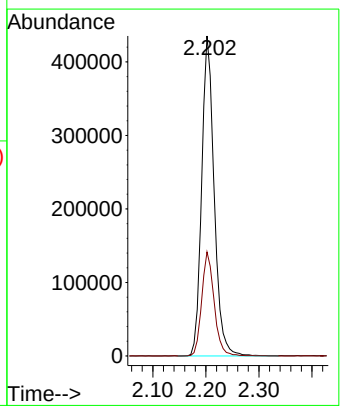
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

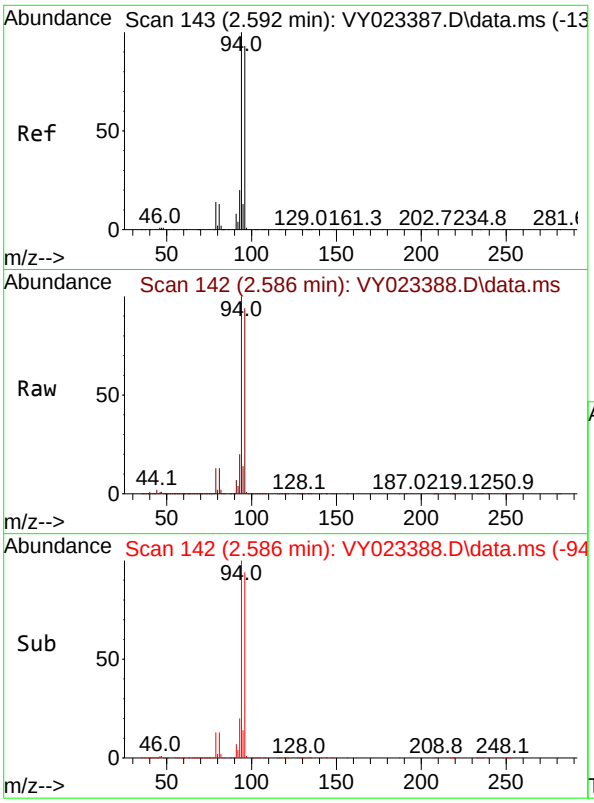


#4
Vinyl Chloride
Concen: 84.438 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 711235

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8

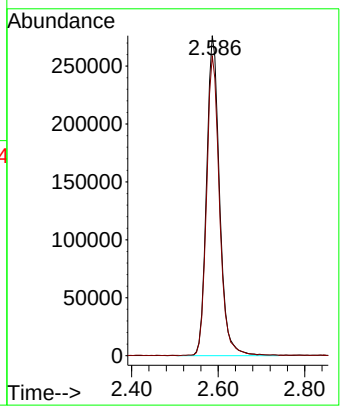




#5
Bromomethane
Concen: 83.210 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 94 Resp: 57495

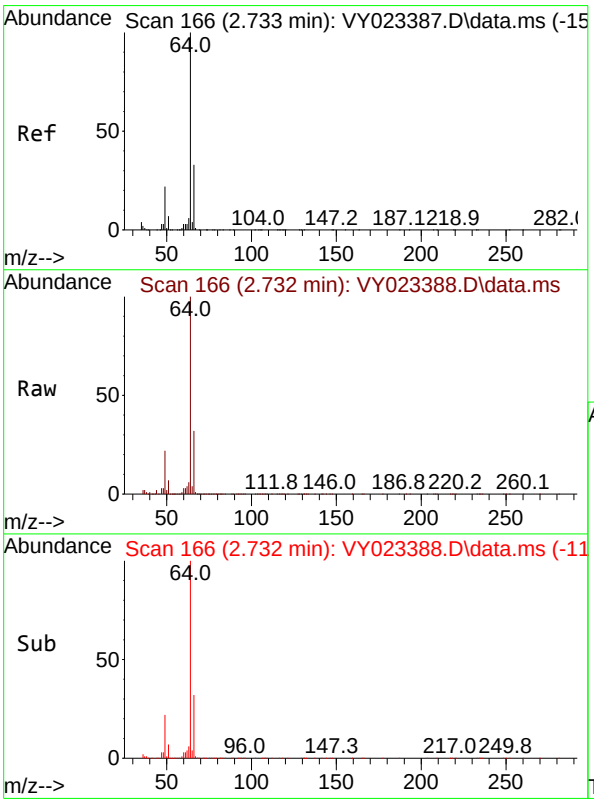
Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

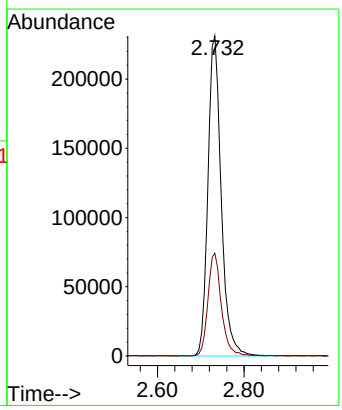
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

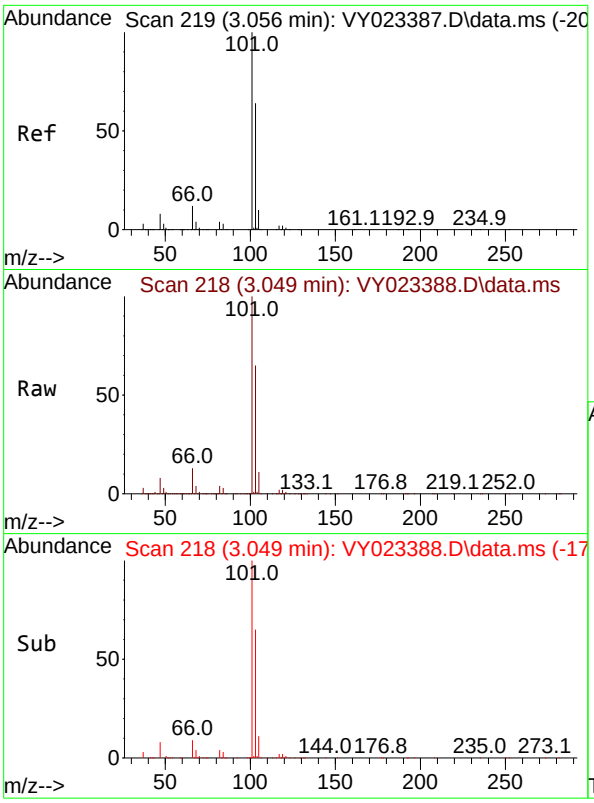


#6
Chloroethane
Concen: 85.968 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 64 Resp: 491625

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4





#7
Trichlorofluoromethane
Concen: 93.610 ug/l
RT: 3.049 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

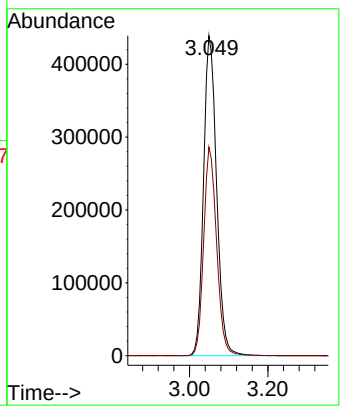
Tgt Ion:101 Resp: 101285

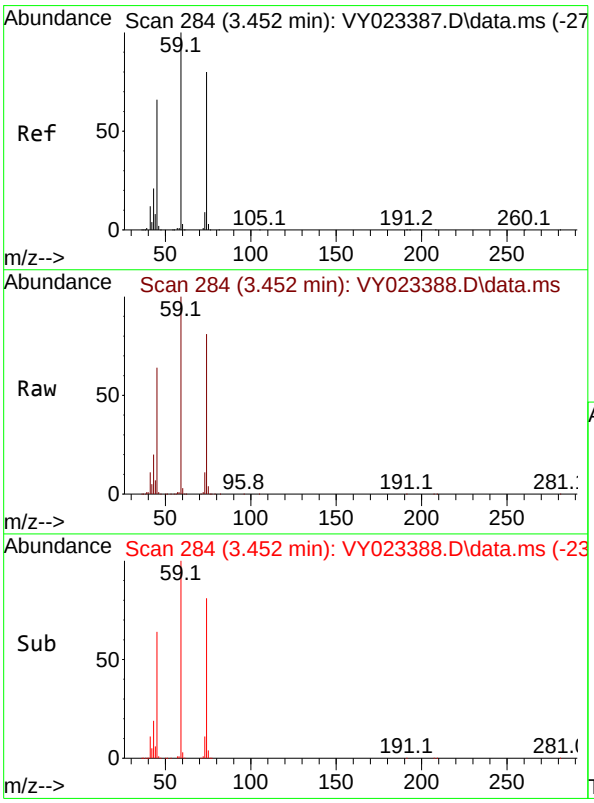
Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

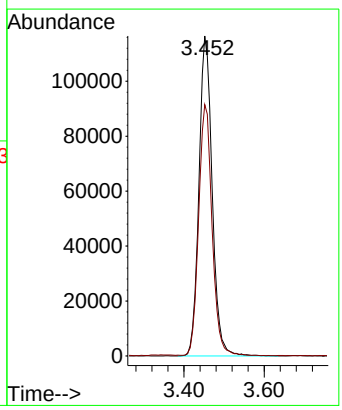


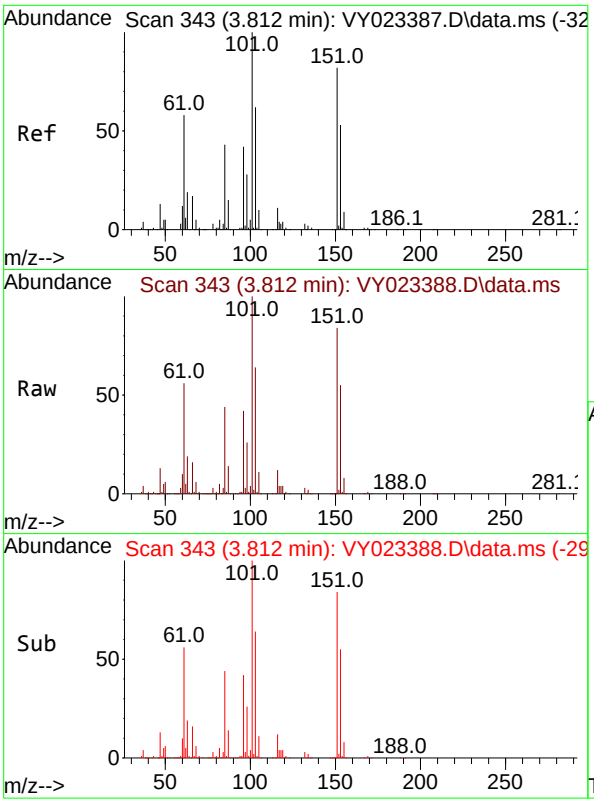


#8
Diethyl Ether
Concen: 94.266 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 74 Resp: 266779

Ion	Ratio	Lower	Upper
74	100		
45	79.9	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.441 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

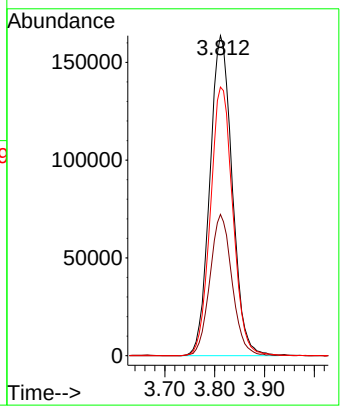
Tgt Ion:101 Resp: 51148

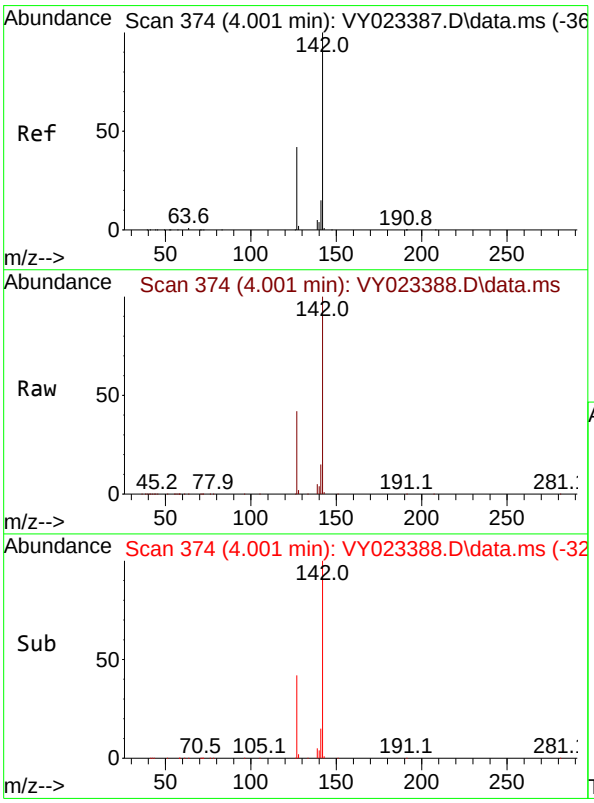
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.6	51.8
151	84.1	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

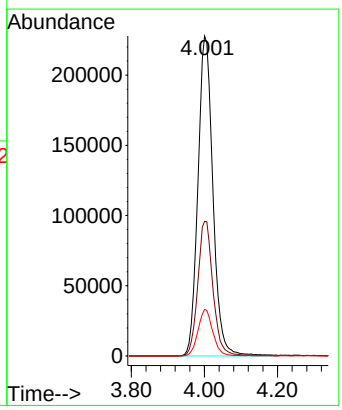


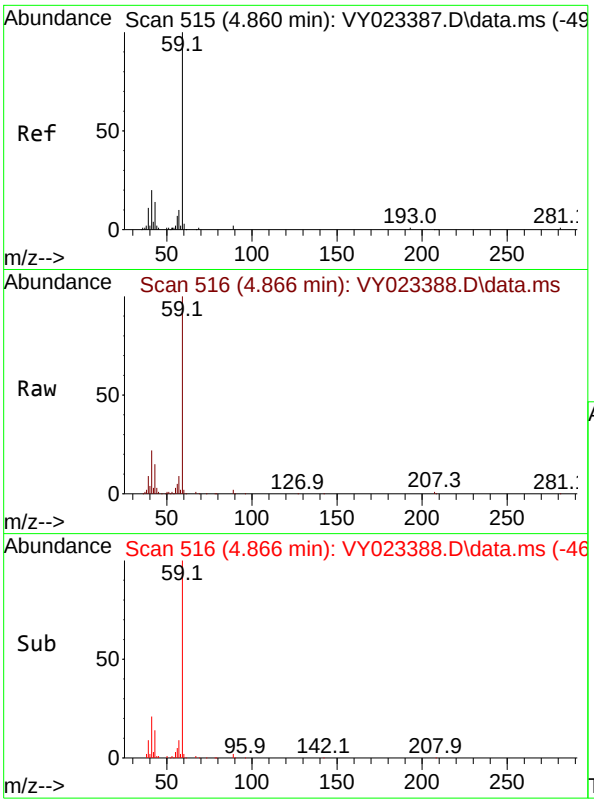


#10
Methyl Iodide
Concen: 97.495 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:142 Resp: 651575

Ion	Ratio	Lower	Upper
142	100		
127	42.7	34.8	52.2
141	14.3	11.6	17.4

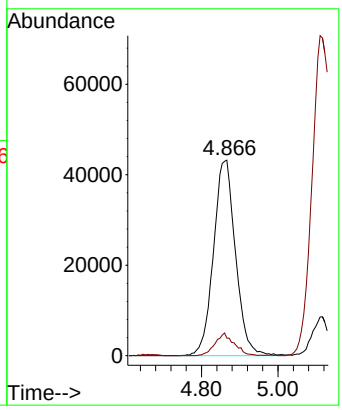




#11
Tert butyl alcohol
Concen: 568.898 ug/l
RT: 4.866 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 59 Resp: 17271

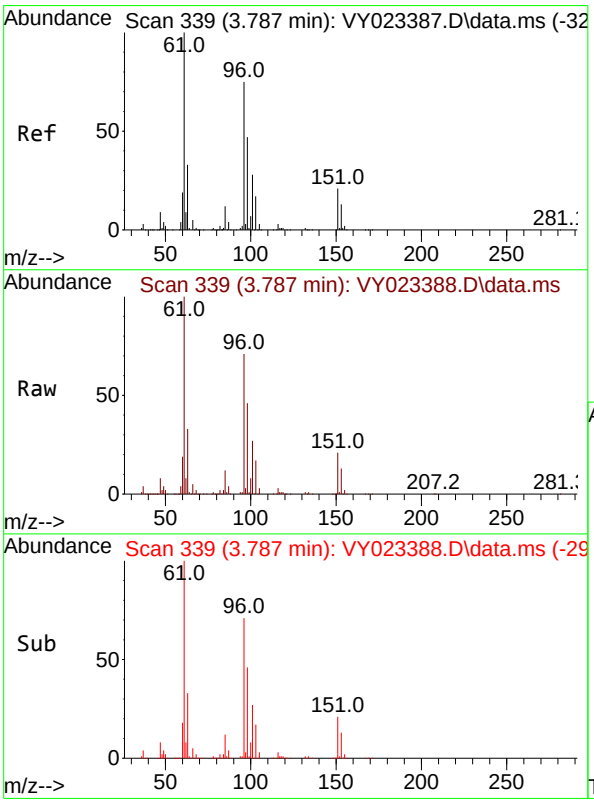
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

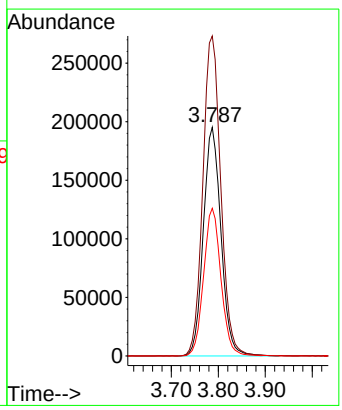
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

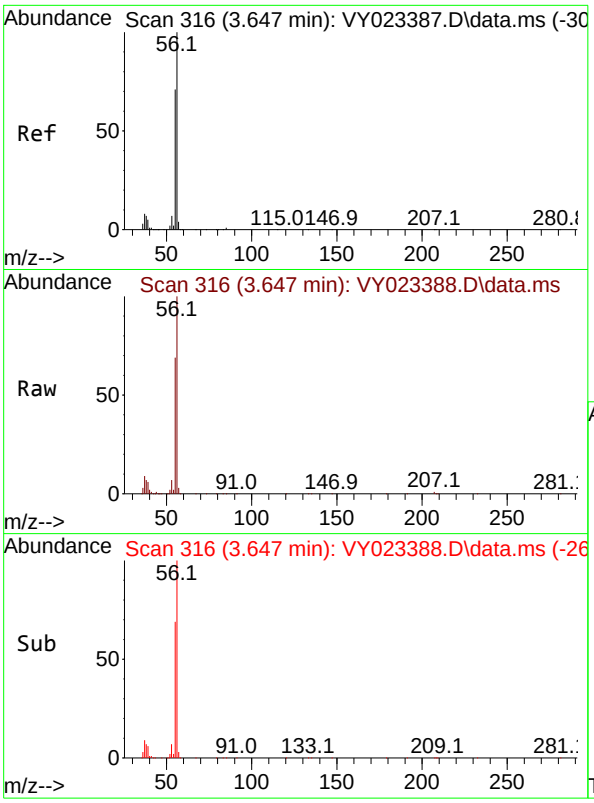


#12
1,1-Dichloroethene
Concen: 91.303 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 96 Resp: 508059

Ion	Ratio	Lower	Upper
96	100		
61	139.9	106.7	160.1
98	64.6	50.2	75.4

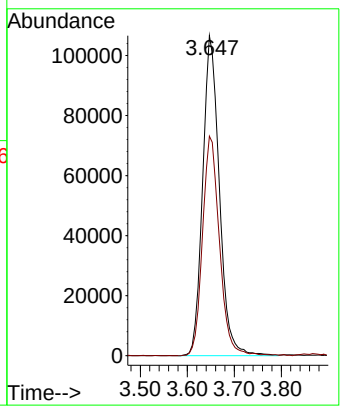




#13
Acrolein
Concen: 510.573 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 56 Resp: 26263

Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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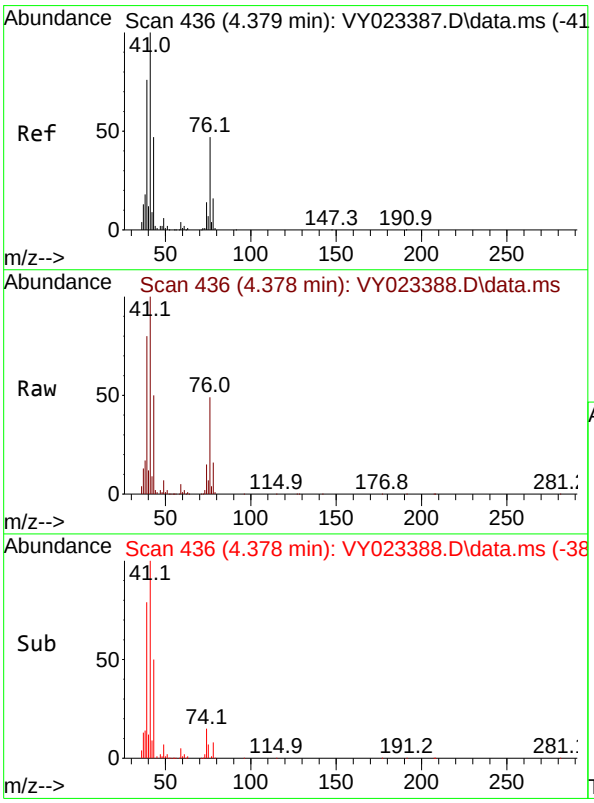
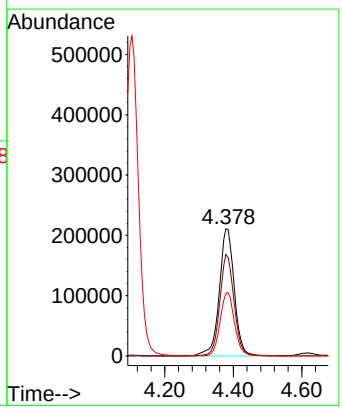
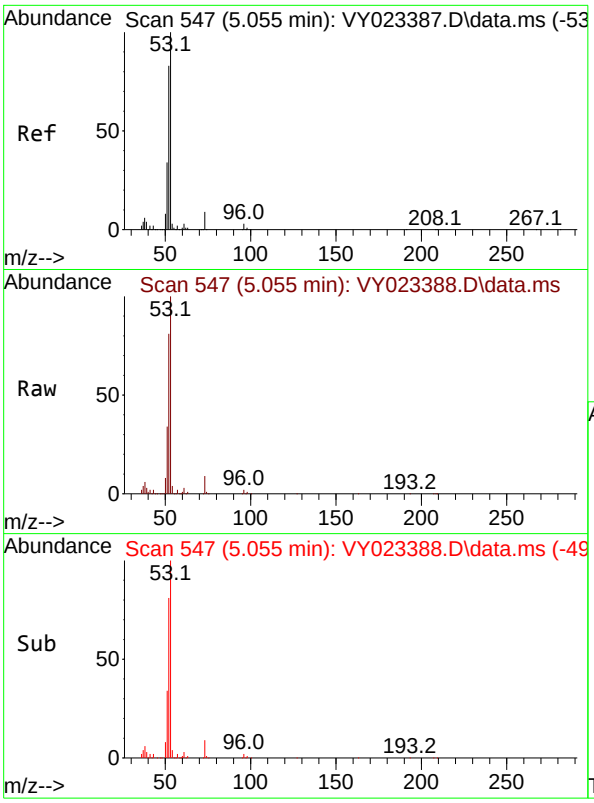


#14
Allyl chloride
Concen: 91.446 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 637073

Ion	Ratio	Lower	Upper
41	100		
39	75.8	59.9	89.9
76	47.5	38.0	57.0

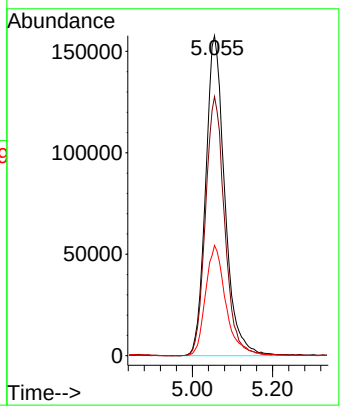




#15
Acrylonitrile
Concen: 471.296 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 53 Resp: 52251

Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.6	97.0
51	36.7	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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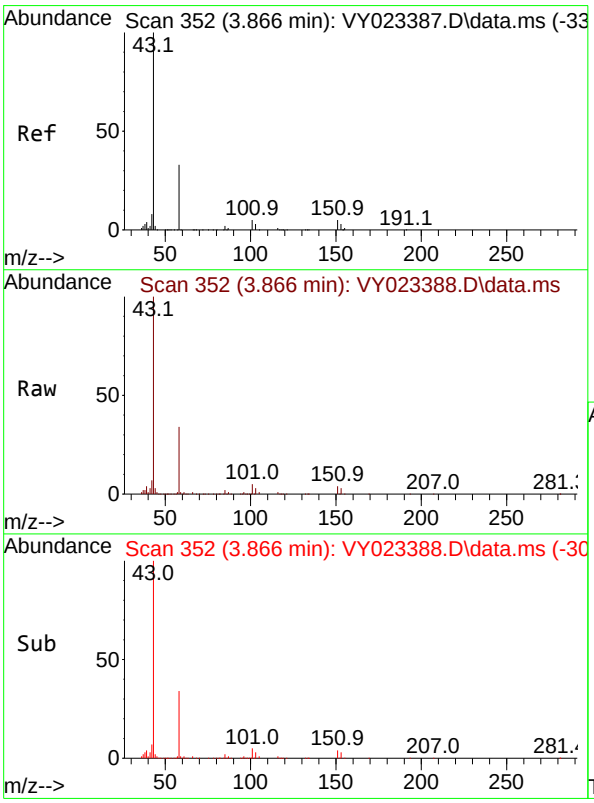
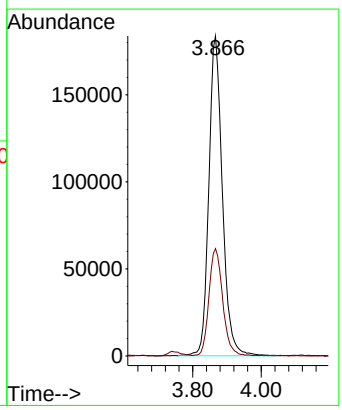
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

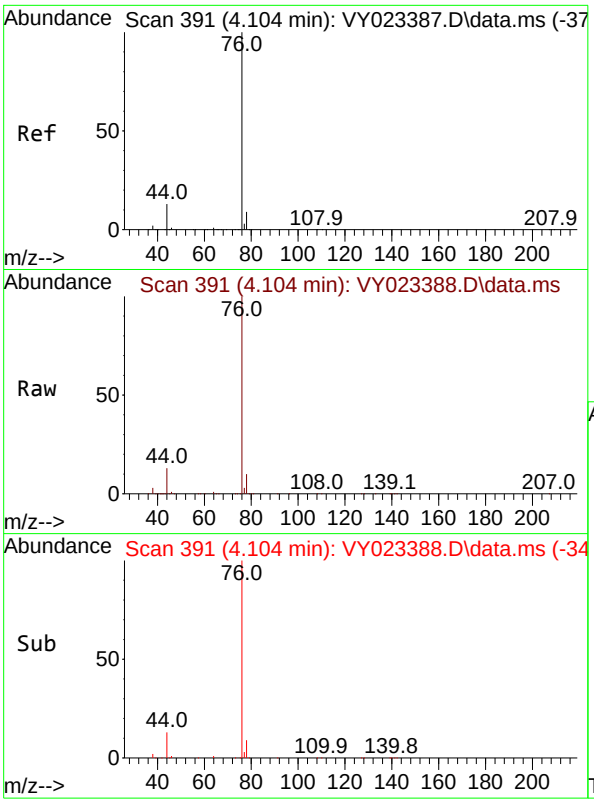


#16
Acetone
Concen: 435.004 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 504700

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.7	41.5





#17
Carbon Disulfide
Concen: 83.061 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

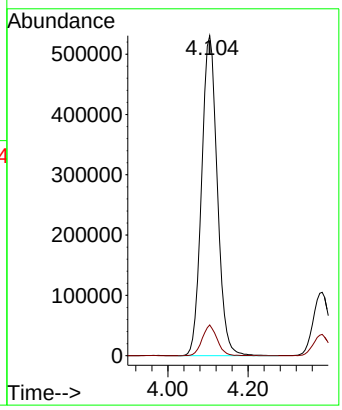
Tgt Ion: 76 Resp: 144200

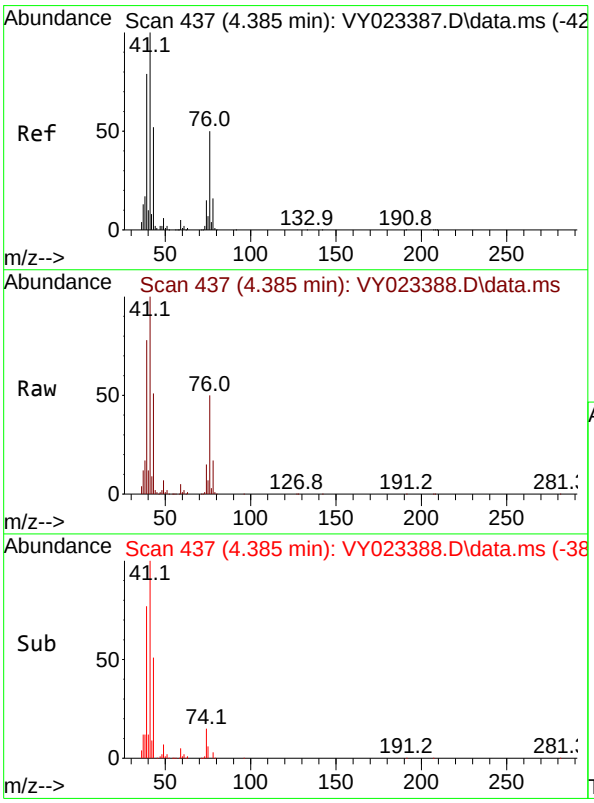
Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

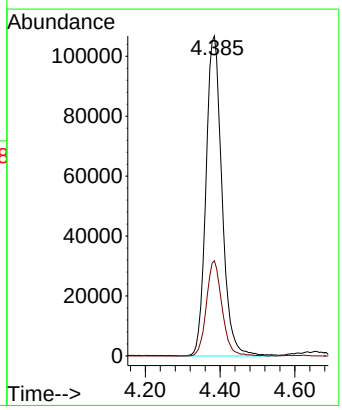


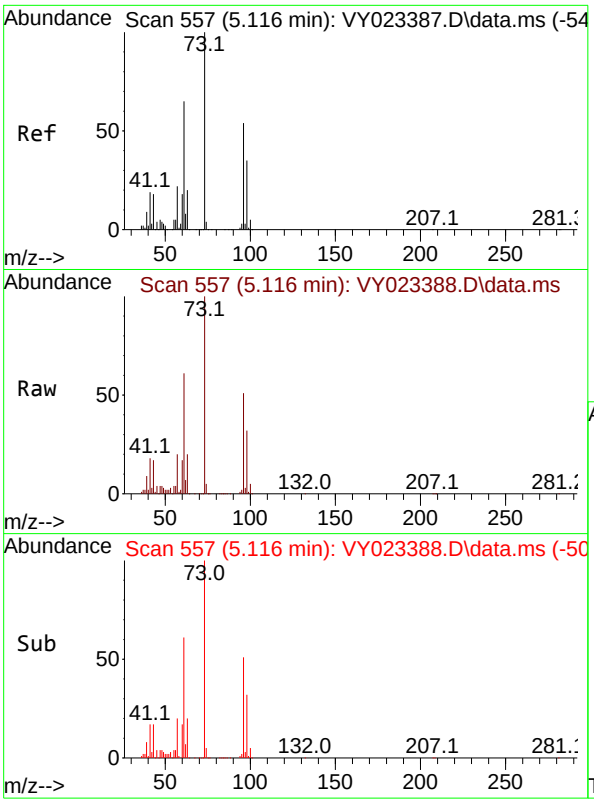


#18
Methyl Acetate
Concen: 107.474 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 316911

Ion	Ratio	Lower	Upper
43	100		
74	29.1	24.2	36.4

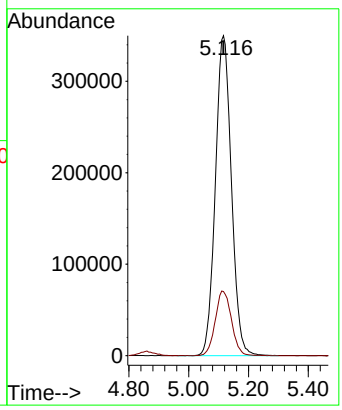




#19
Methyl tert-butyl Ether
Concen: 99.797 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 73 Resp: 130020

Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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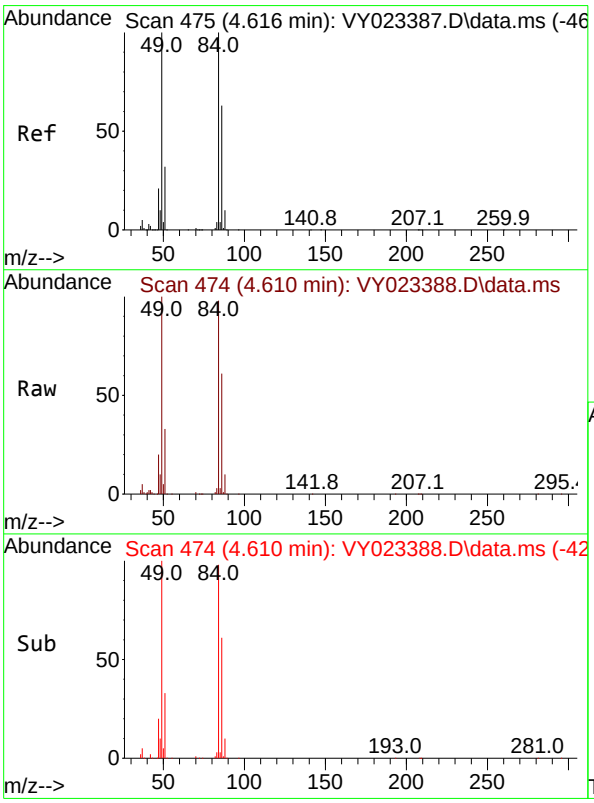
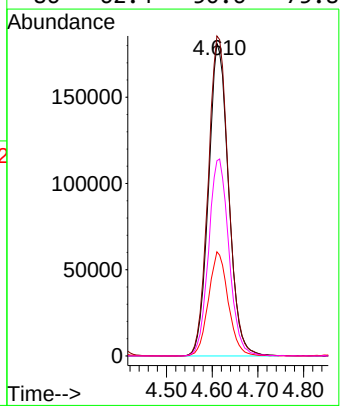
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

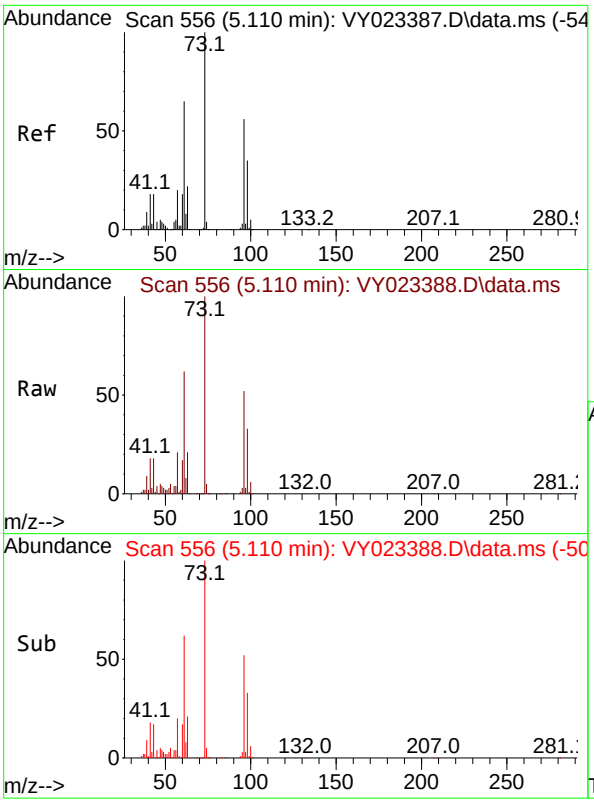


#20
Methylene Chloride
Concen: 87.742 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 84 Resp: 552018

Ion	Ratio	Lower	Upper
84	100		
49	102.4	80.2	120.4
51	33.3	25.9	38.9
86	62.4	50.6	75.8

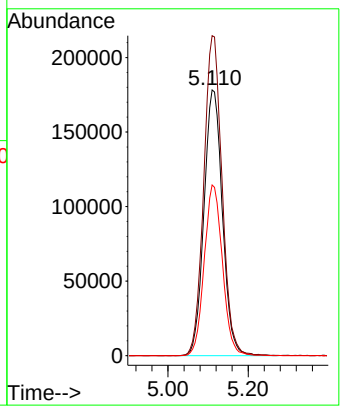




#21
trans-1,2-Dichloroethene
Concen: 91.999 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 96 Resp: 56933

Ion	Ratio	Lower	Upper
96	100		
61	120.4	92.7	139.1
98	64.2	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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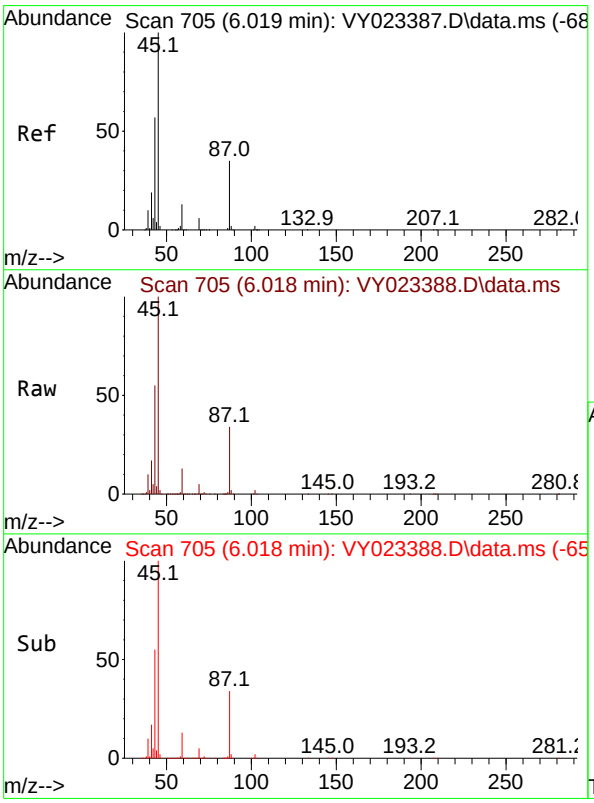
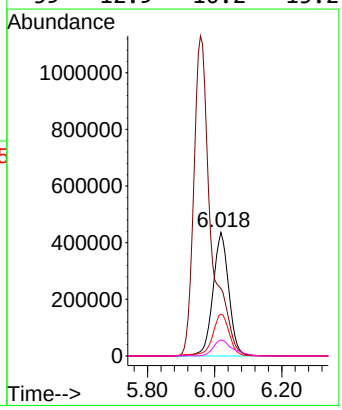
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

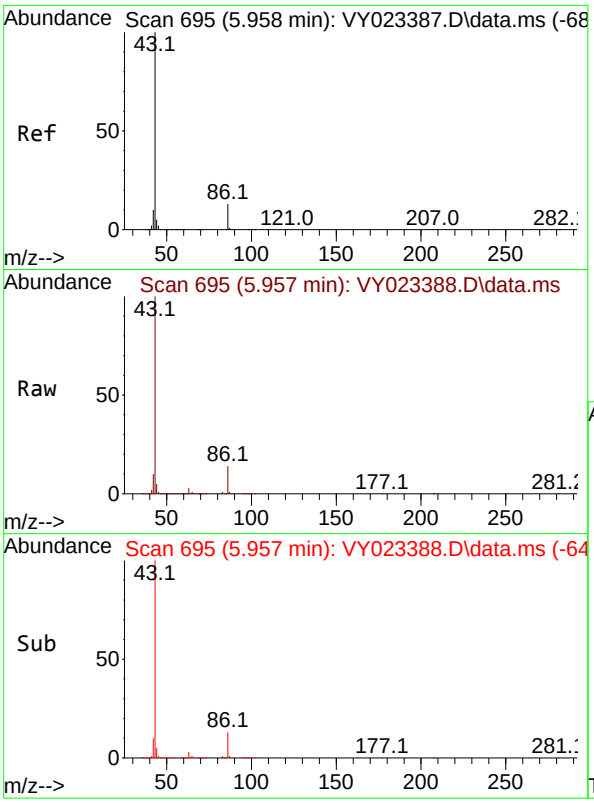


#22
Diisopropyl ether
Concen: 92.133 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 45 Resp: 1423347

Ion	Ratio	Lower	Upper
45	100		
43	54.4	45.6	68.4
87	33.8	28.1	42.1
59	12.9	10.2	15.2

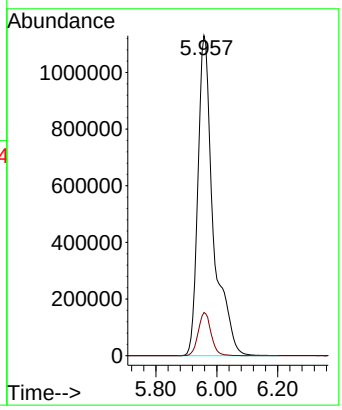




#23
Vinyl Acetate
Concen: 468.098 ug/l
RT: 5.957 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 397505

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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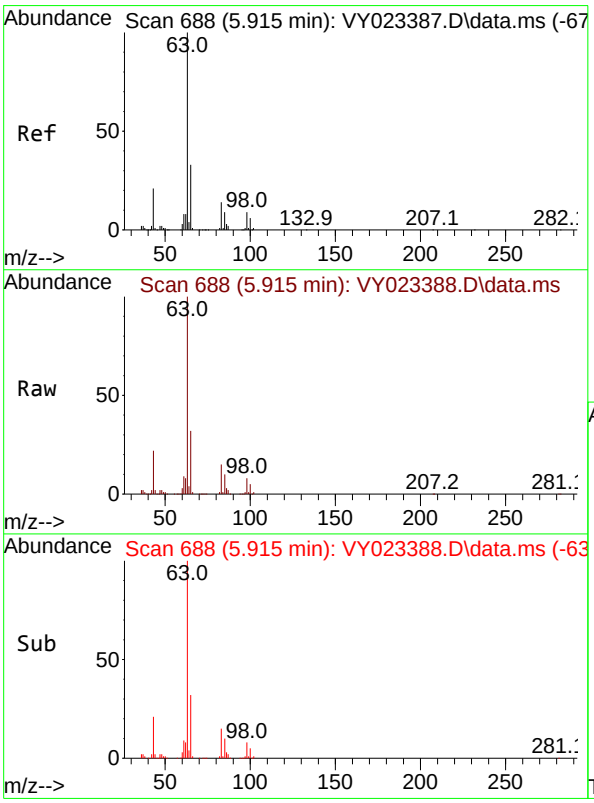
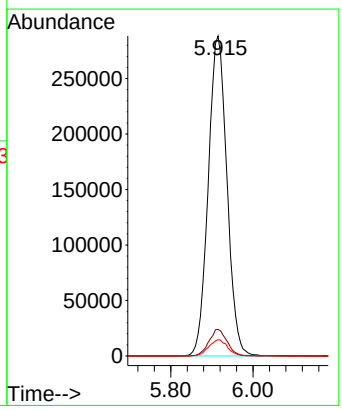
Supervised By :Mahesh Dadoda 10/10/2025

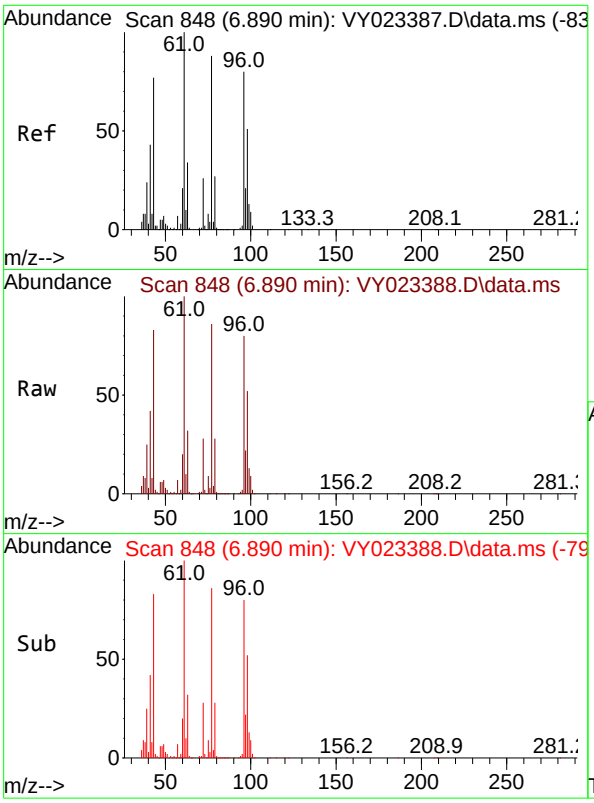


#24
1,1-Dichloroethane
Concen: 89.517 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 911619

Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.3	13.1
100	5.1	2.8	8.4





#25
2-Butanone
Concen: 478.154 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 68569

Ion	Ratio	Lower	Upper
43	100		
72	33.9	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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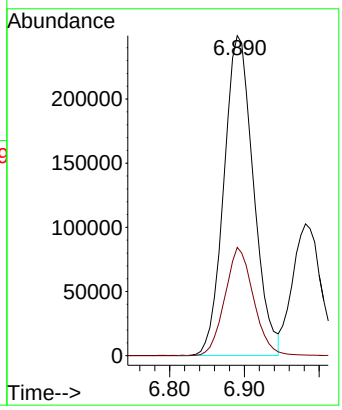
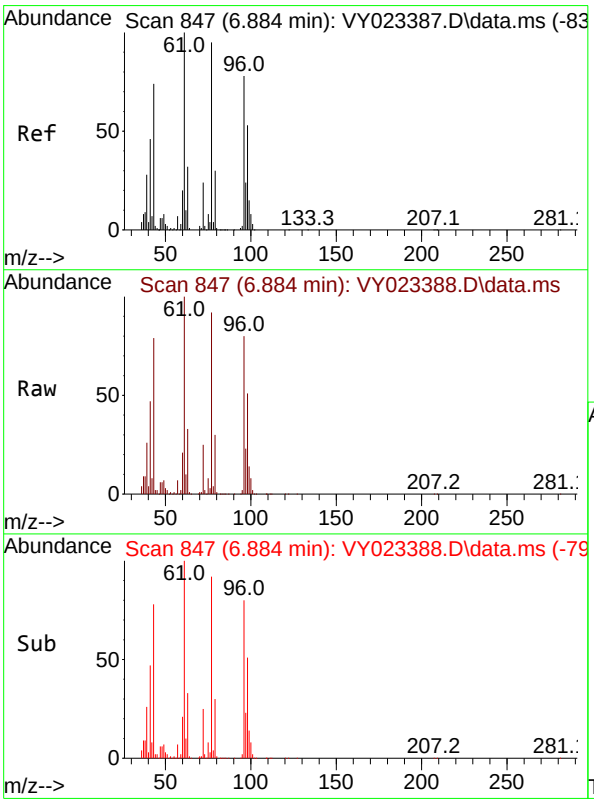
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

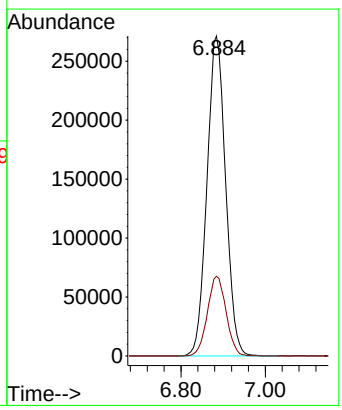


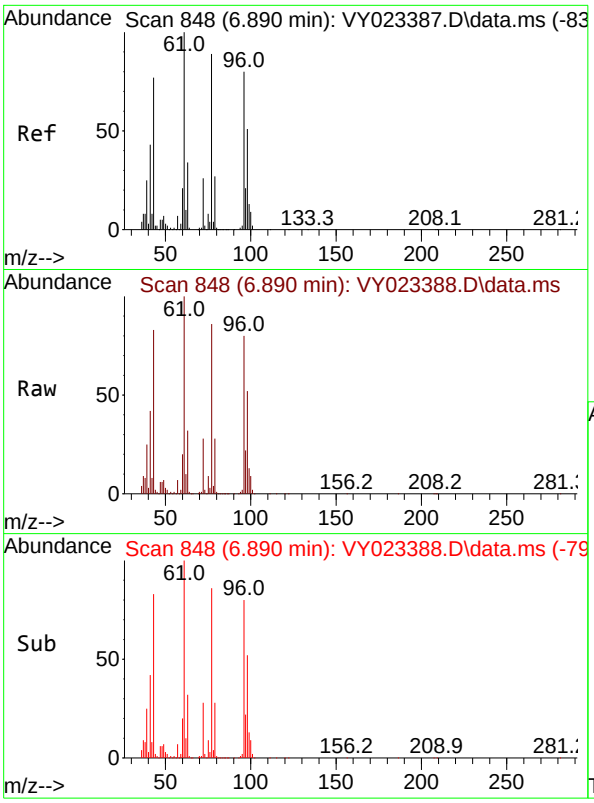


#26
2,2-Dichloropropane
Concen: 92.108 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 77 Resp: 833452

Ion	Ratio	Lower	Upper
77	100		
97	25.0	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 95.557 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 96 Resp: 67077

Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	258.2
98	64.7	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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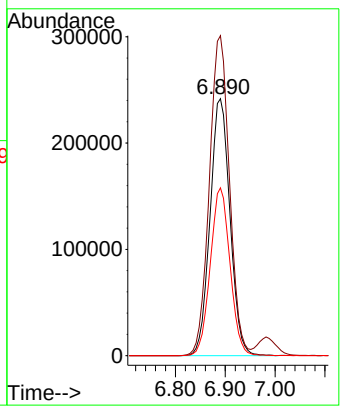
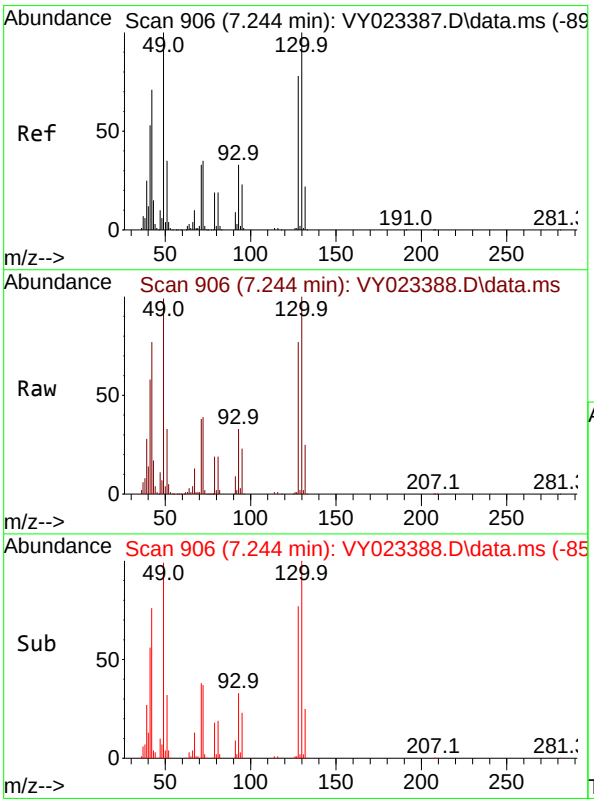
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

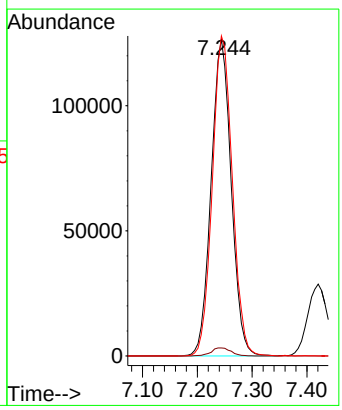


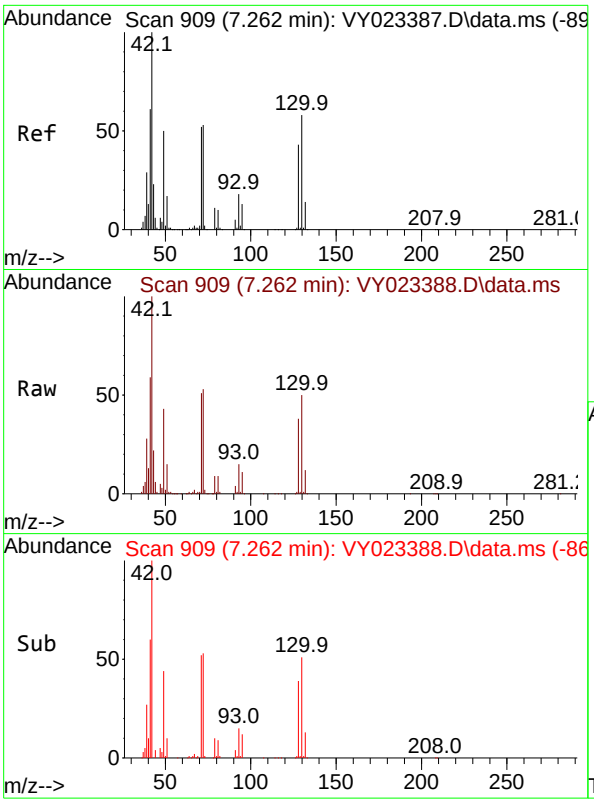


#28
Bromochloromethane
Concen: 81.418 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 49 Resp: 321657

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	100.9	81.9	122.9

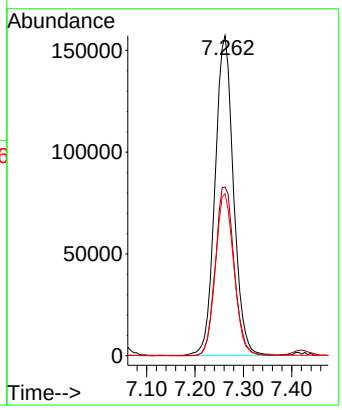




#29
Tetrahydrofuran
Concen: 488.587 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 42 Resp: 41586

Ion	Ratio	Lower	Upper
42	100		
72	54.1	43.0	64.6
71	50.9	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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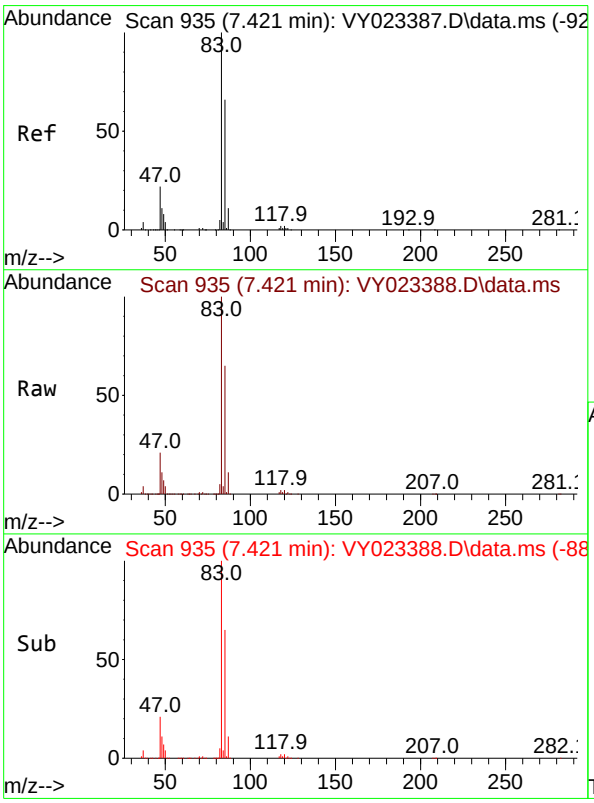
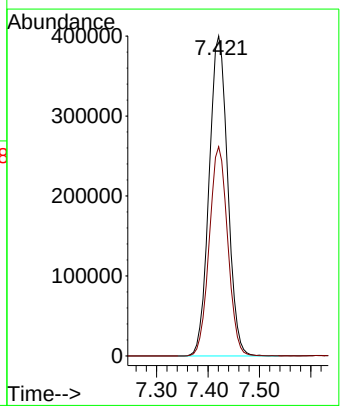
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

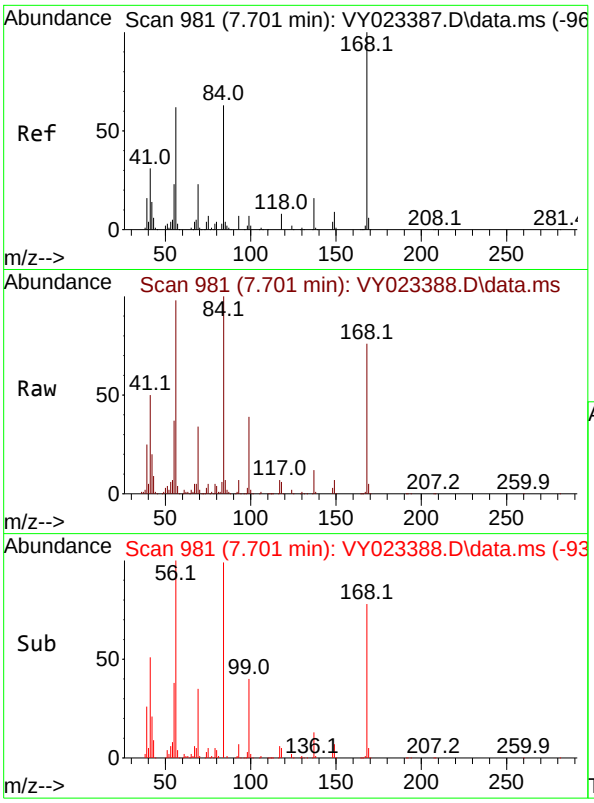


#30
Chloroform
Concen: 91.401 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 1003722

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7

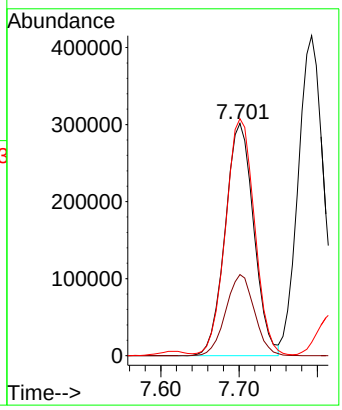




#31
Cyclohexane
Concen: 85.293 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 56 Resp: 76708

Ion	Ratio	Lower	Upper
56	100		
69	34.9	30.0	45.0
84	100.2	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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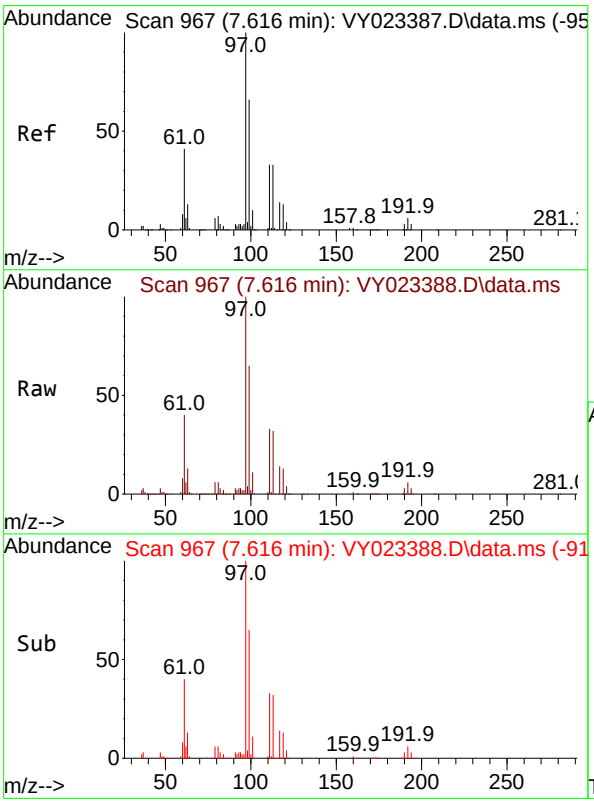
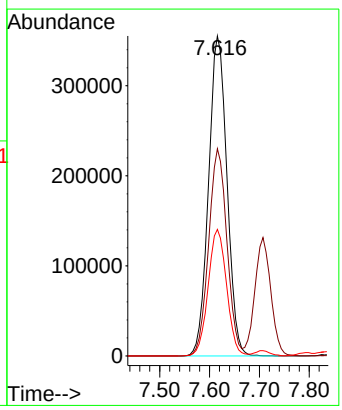
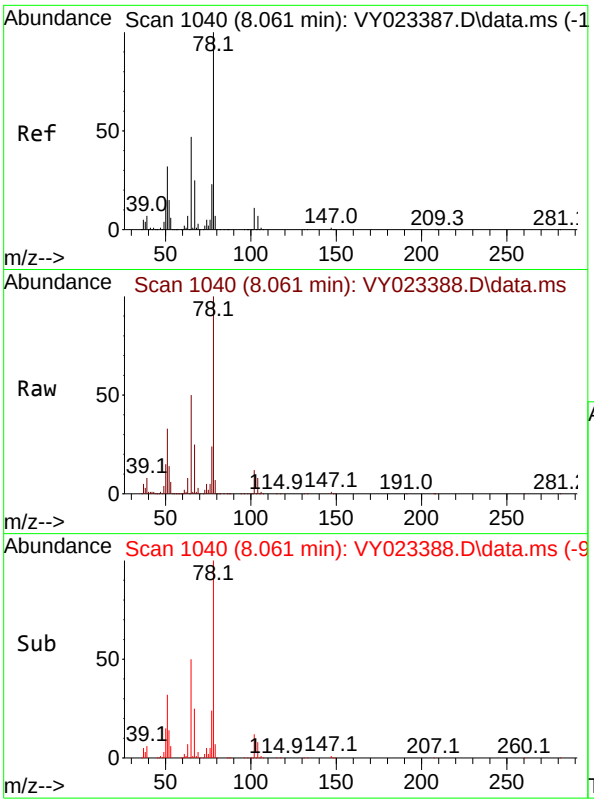


#32
1,1,1-Trichloroethane
Concen: 92.399 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 97 Resp: 910837

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.7	31.9	47.9





#33
1,2-Dichloroethane-d4
Concen: 90.510 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 65 Resp: 46700

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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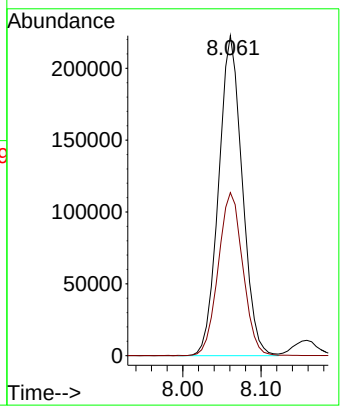
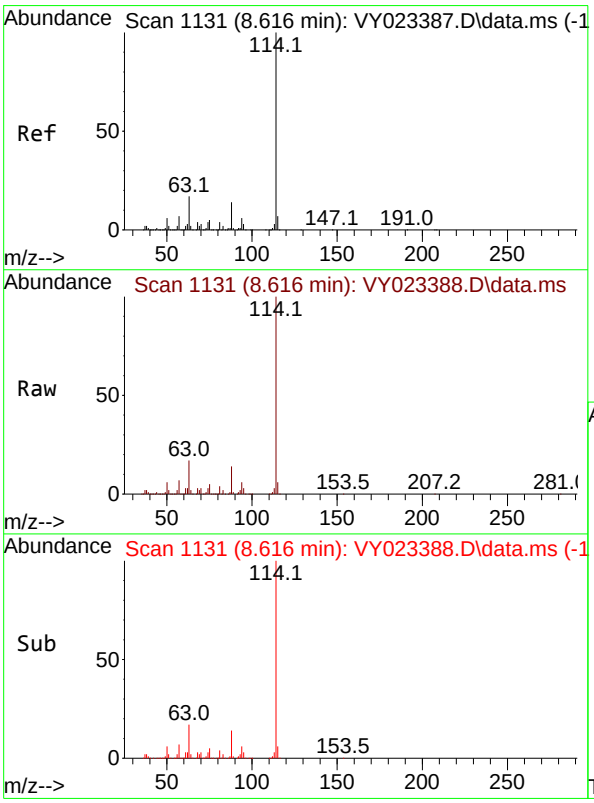
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

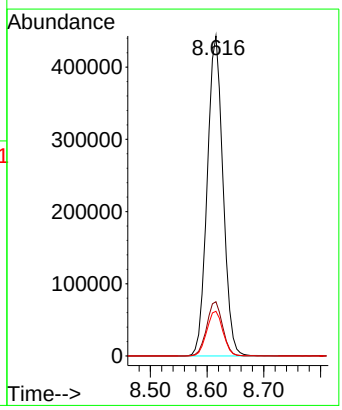


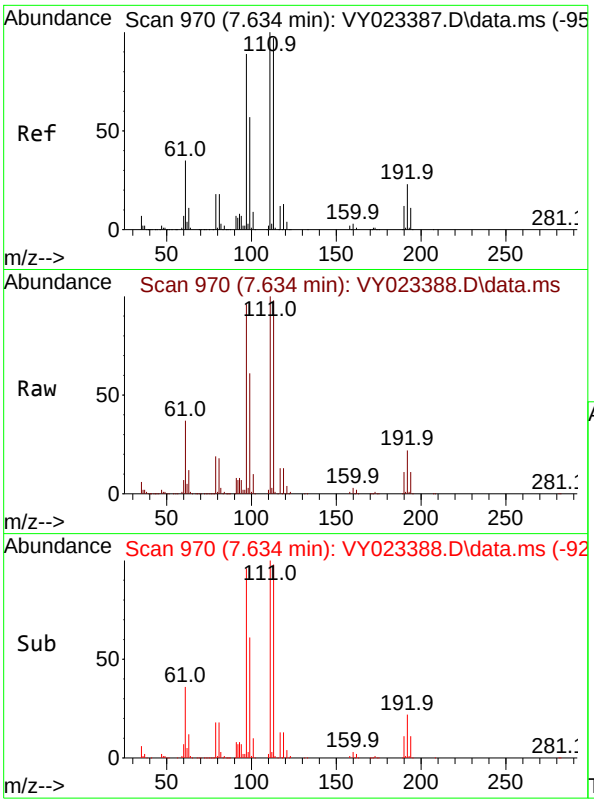


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:114 Resp: 855682

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	13.9	0.0	28.4





#35
Dibromofluoromethane
Concen: 98.497 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:113 Resp: 51147

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.5	18.0	27.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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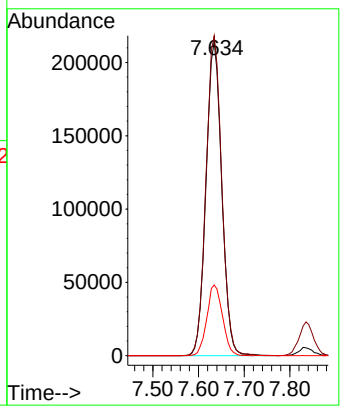
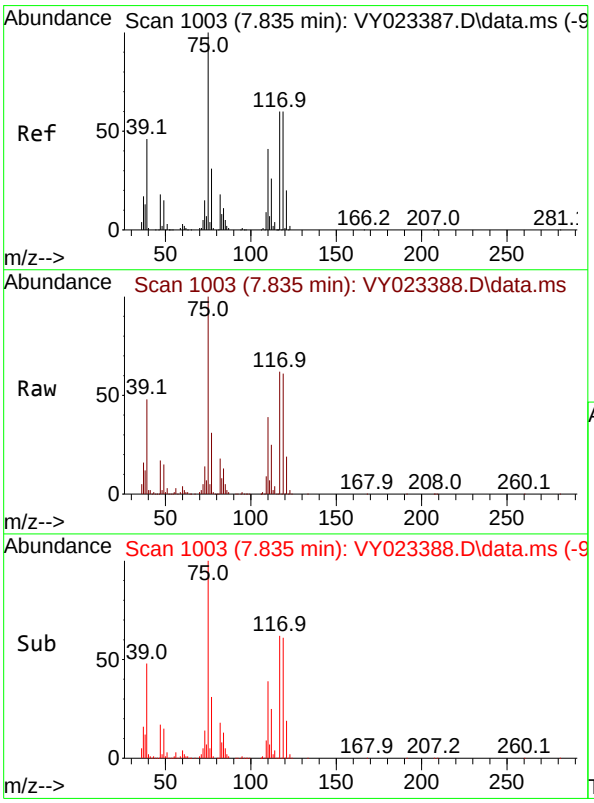
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

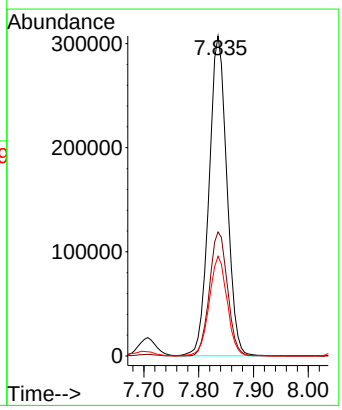


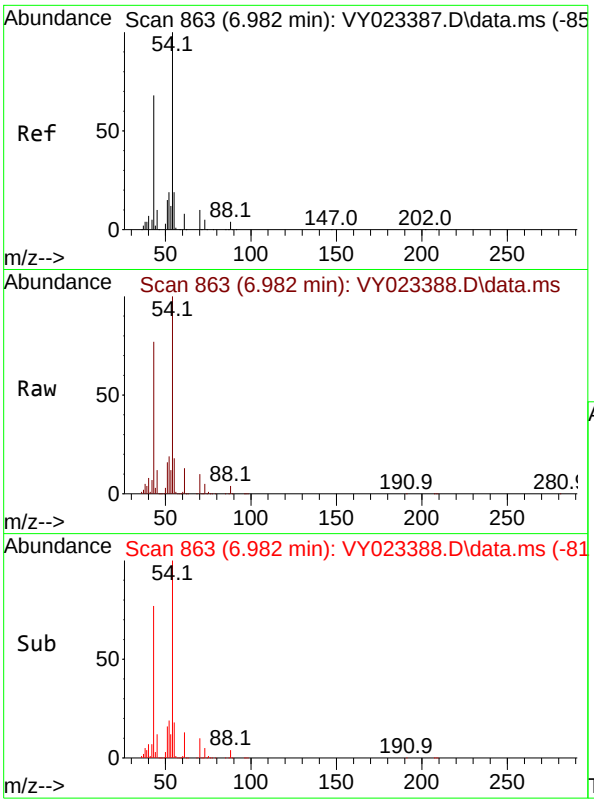


#36
1,1-Dichloropropene
Concen: 94.516 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 692477

Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.9	59.7
77	31.4	25.0	37.6

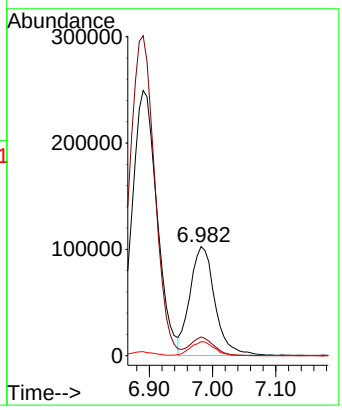




#37
Ethyl Acetate
Concen: 96.859 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 28056

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	12.4	10.5	15.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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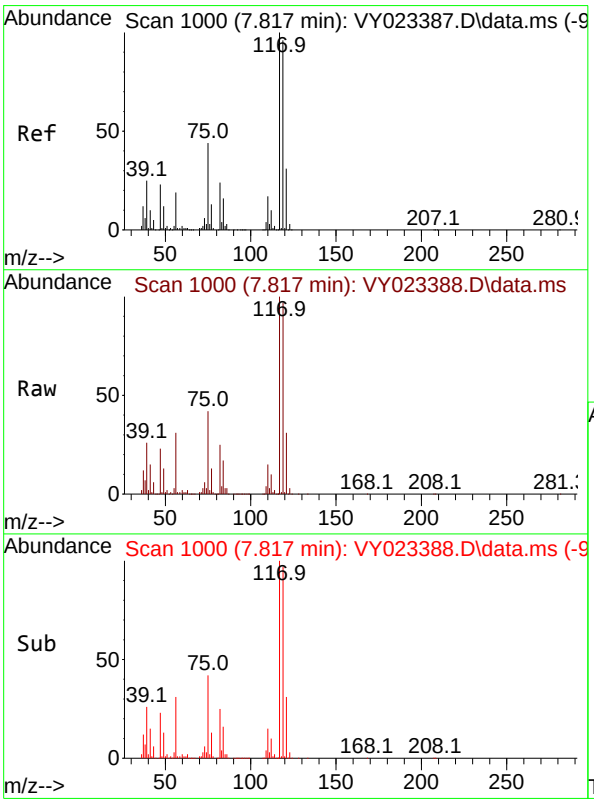
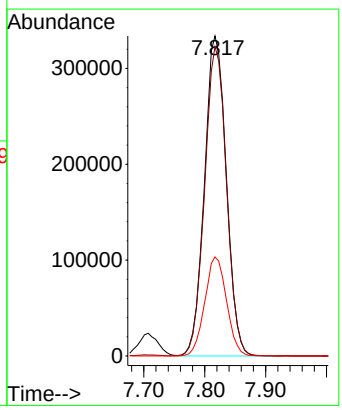
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

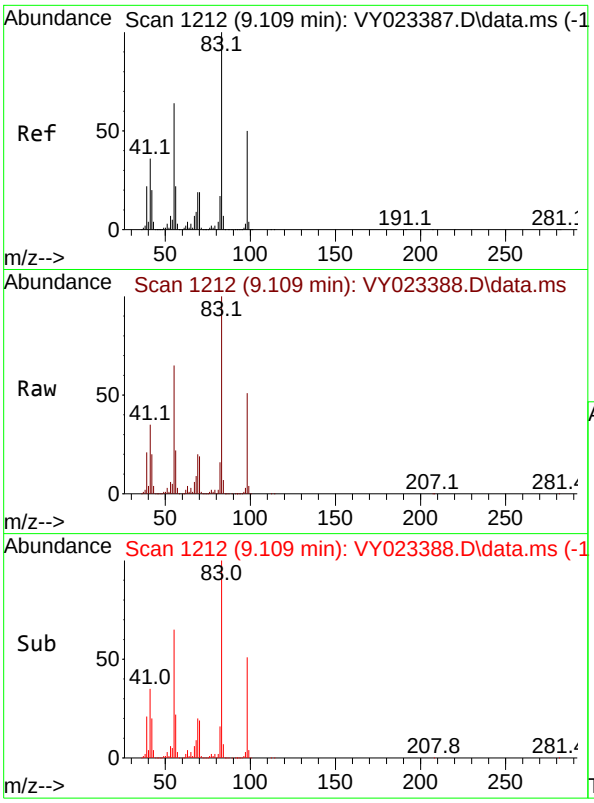


#38
Carbon Tetrachloride
Concen: 97.894 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:117 Resp: 833170

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
121	30.9	24.5	36.7





#39
Methylcyclohexane
Concen: 101.024 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 94766

Ion	Ratio	Lower	Upper
83	100		
55	65.4	51.4	77.2
98	51.3	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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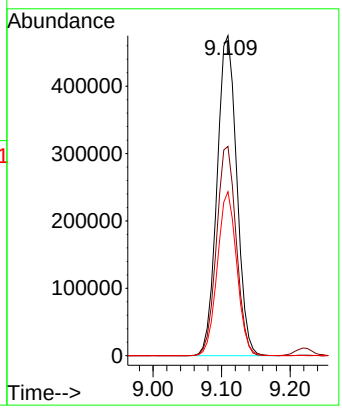
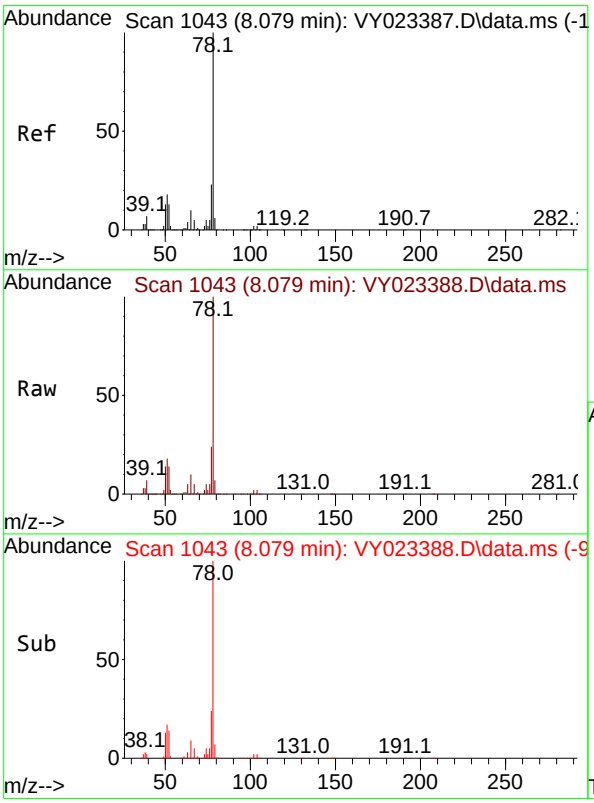
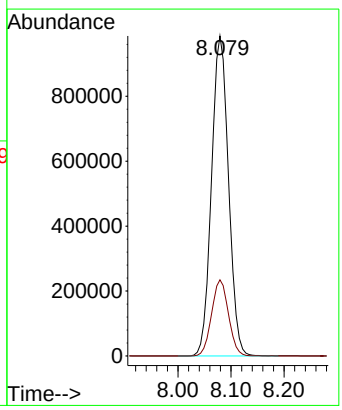


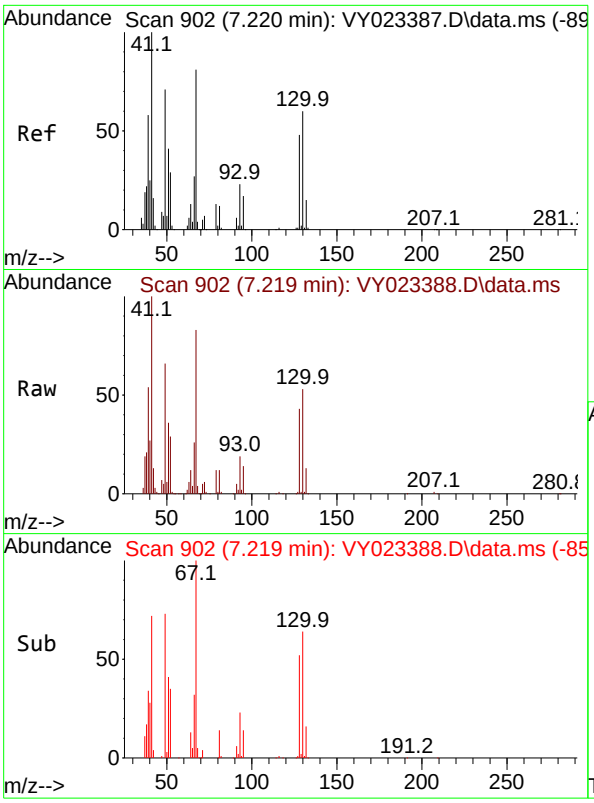


#40
Benzene
Concen: 96.000 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 78 Resp: 2192645

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5

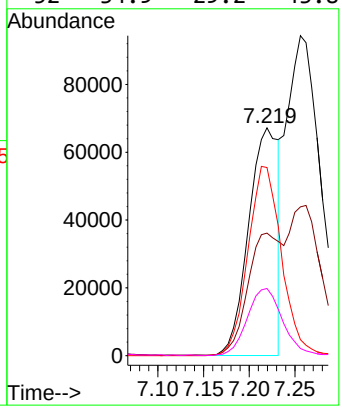




#41
Methacrylonitrile
Concen: 101.200 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 15223

Ion	Ratio	Lower	Upper
41	100		
39	62.6	52.2	78.4
67	93.9	74.9	112.3
52	34.9	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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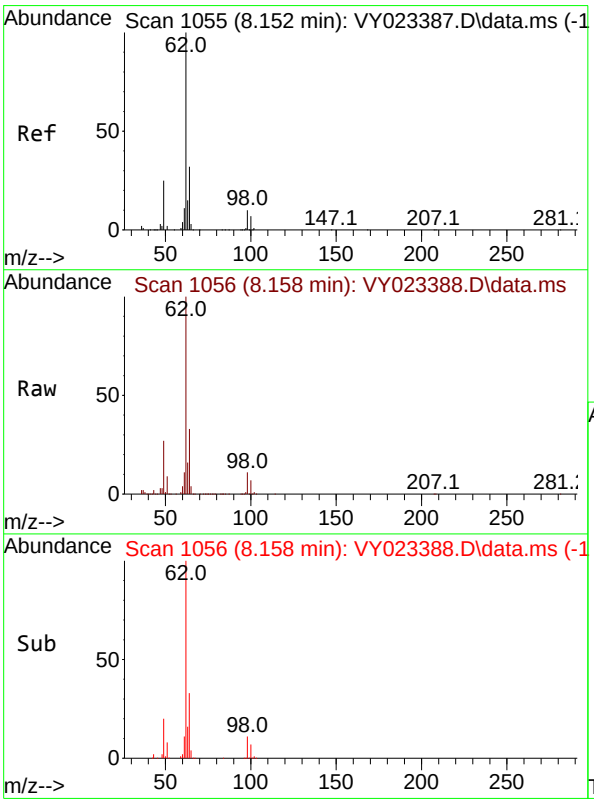
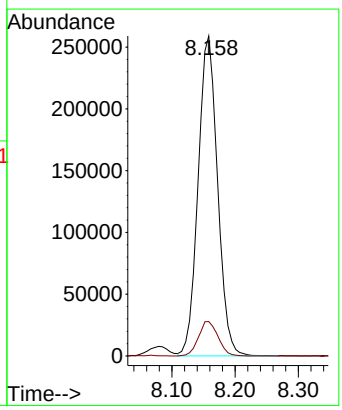
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

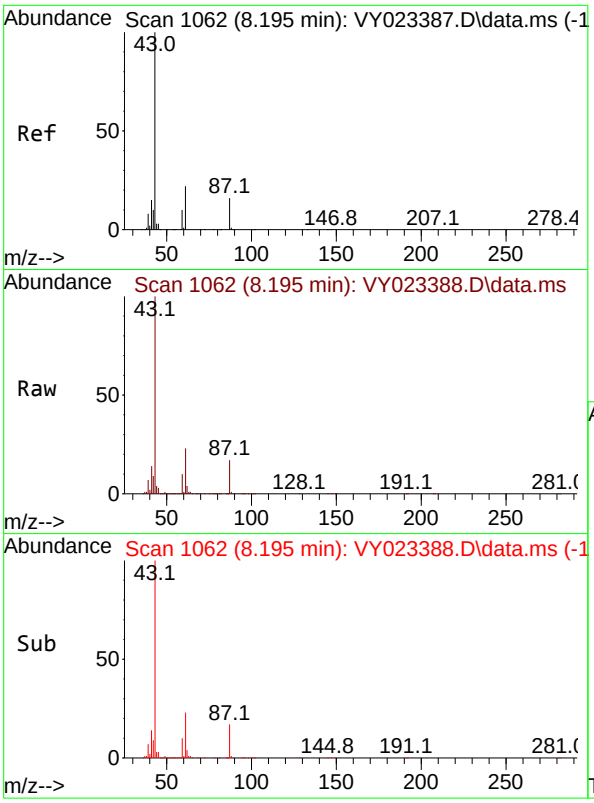


#42
1,2-Dichloroethane
Concen: 95.449 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 554810

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

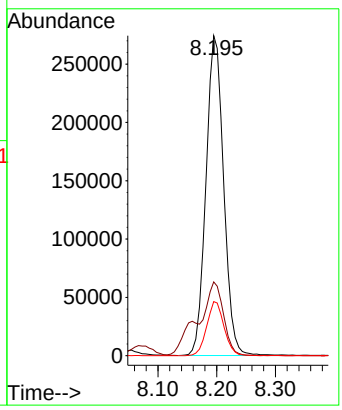




#43
Isopropyl Acetate
Concen: 101.815 ug/l
RT: 8.195 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 57365

Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.1	27.1
87	16.6	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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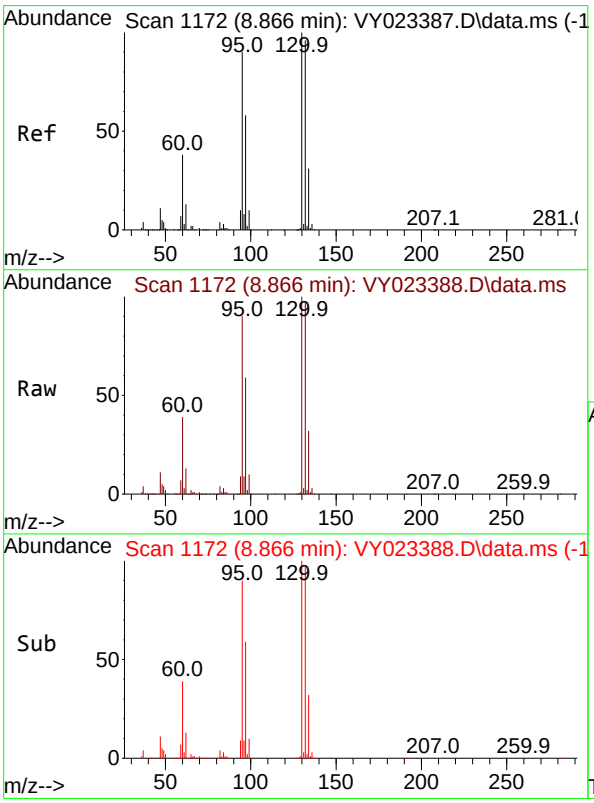
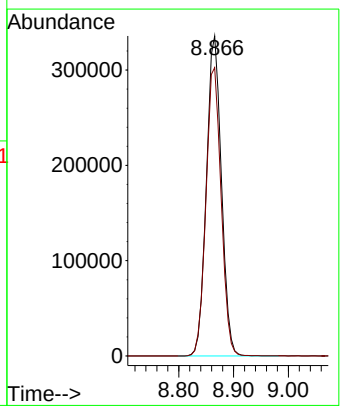
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

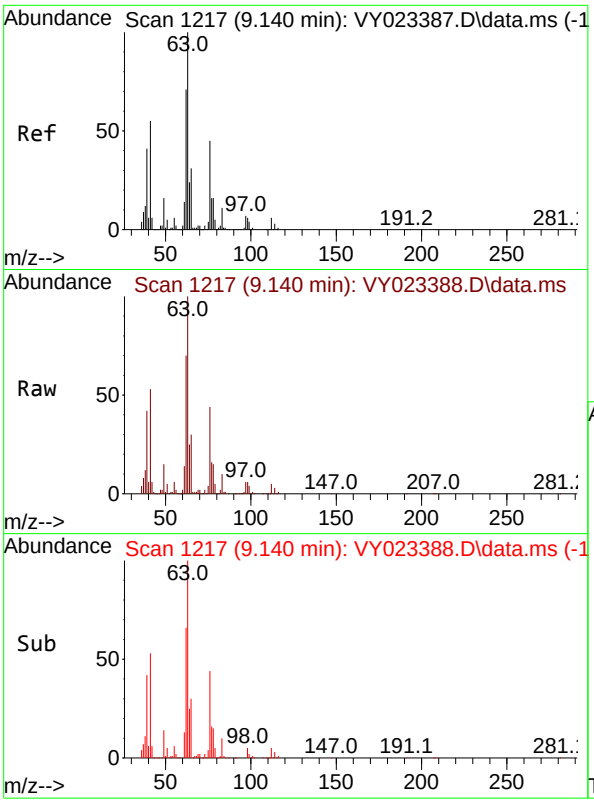


#44
Trichloroethene
Concen: 99.245 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:130 Resp: 636149

Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	180.6

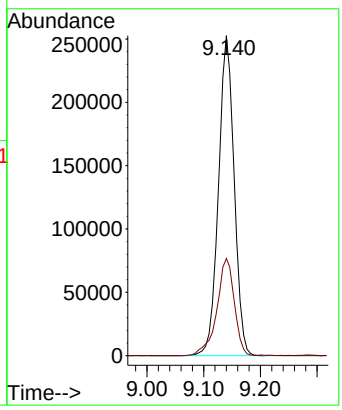




#45
1,2-Dichloropropane
Concen: 94.381 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 48508

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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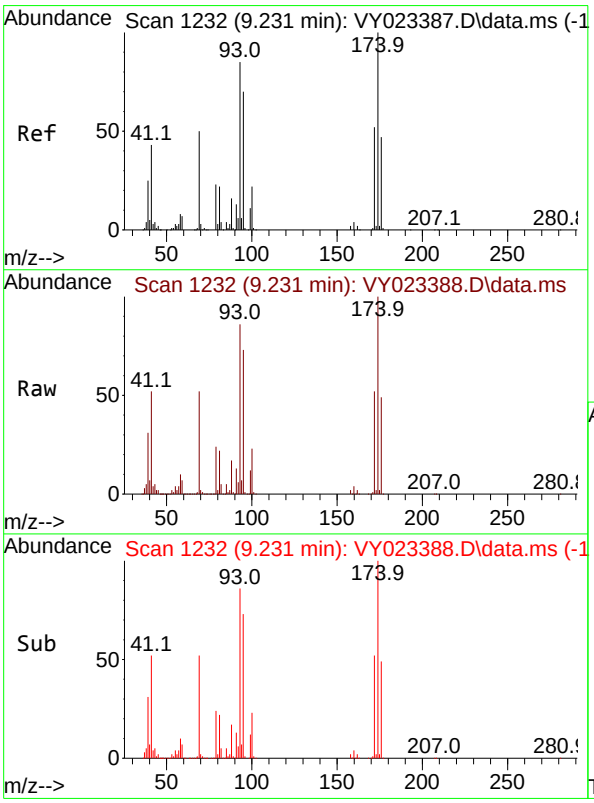
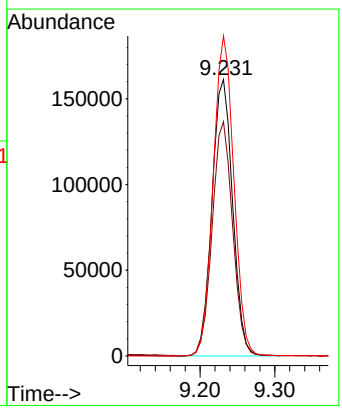
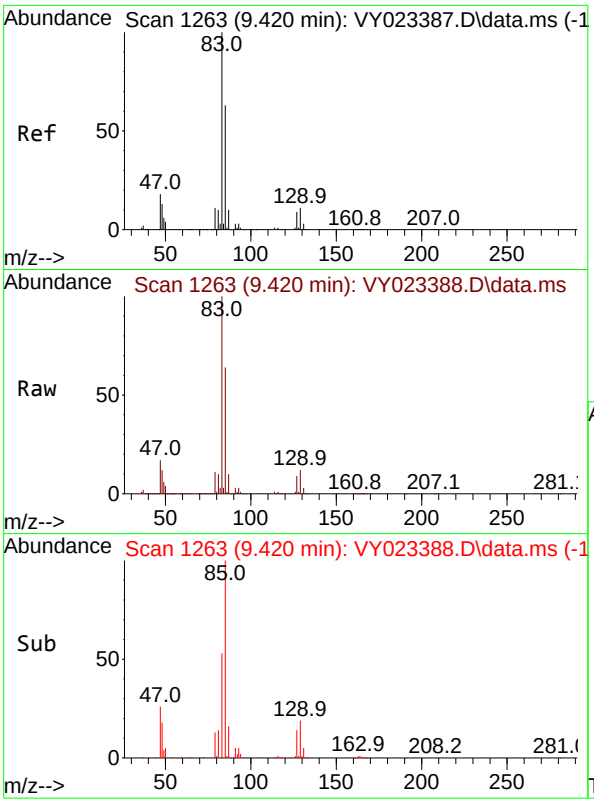


#46
Dibromomethane
Concen: 98.596 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 93 Resp: 309964

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.4	98.0
174	115.6	92.9	139.3

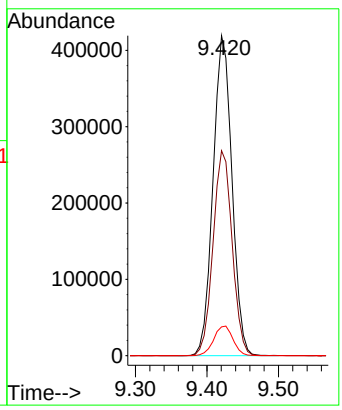




#47
Bromodichloromethane
Concen: 97.210 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 76923

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	9.0	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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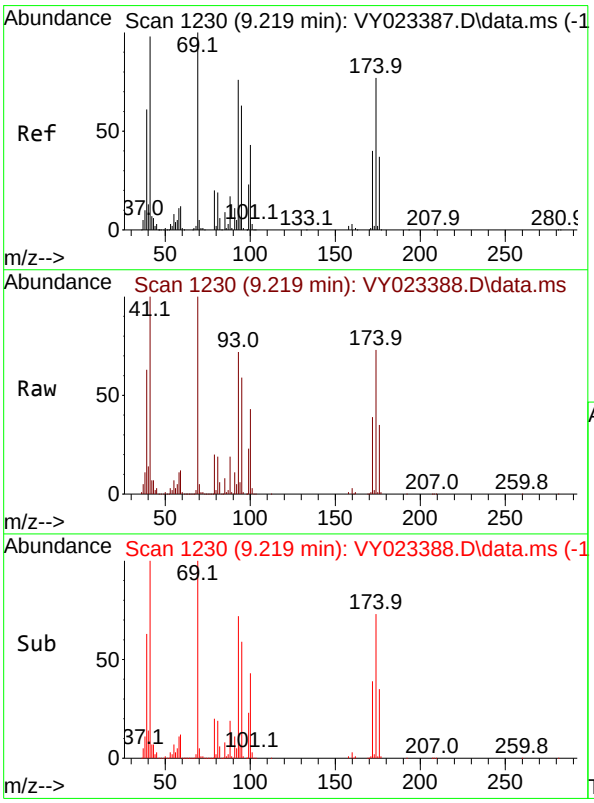
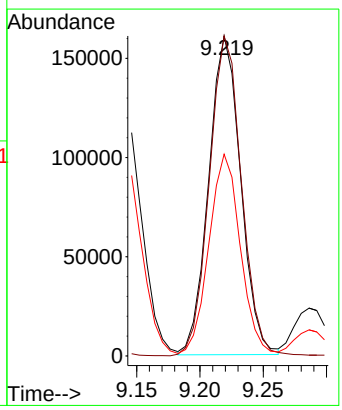
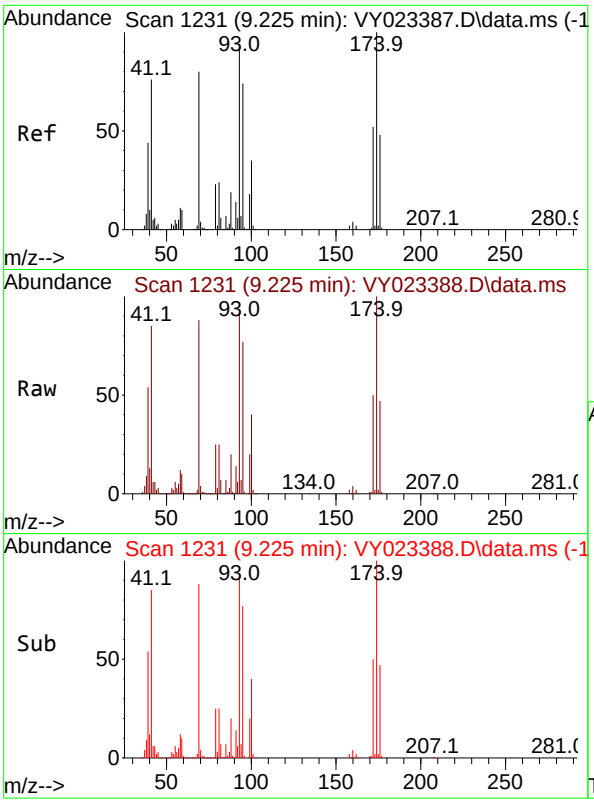


#48
Methyl methacrylate
Concen: 107.476 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 282582

Ion	Ratio	Lower	Upper
41	100		
69	100.8	81.0	121.4
39	60.9	48.2	72.4





#49
1,4-Dioxane
Concen: 2374.722 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 88 Resp: 7730

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.8	32.8
58	58.0	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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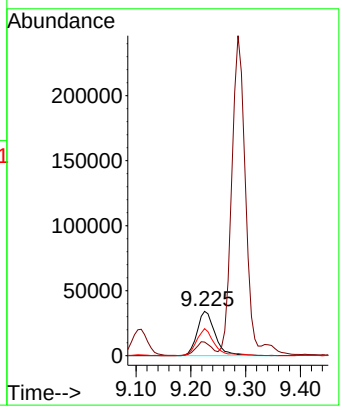
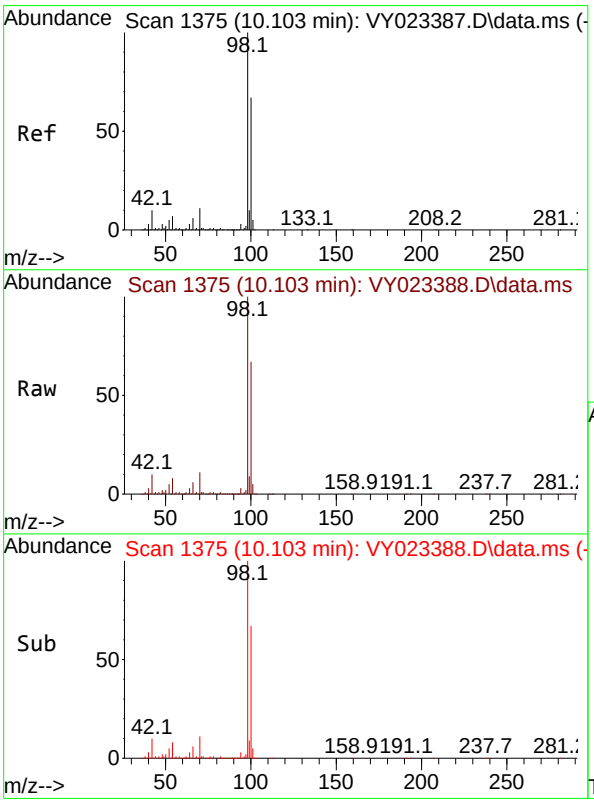
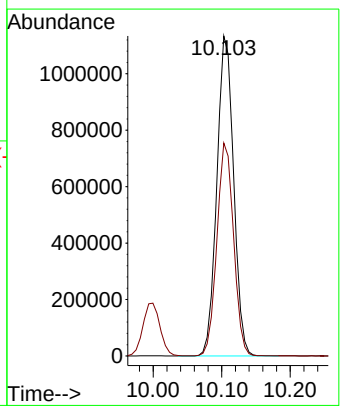


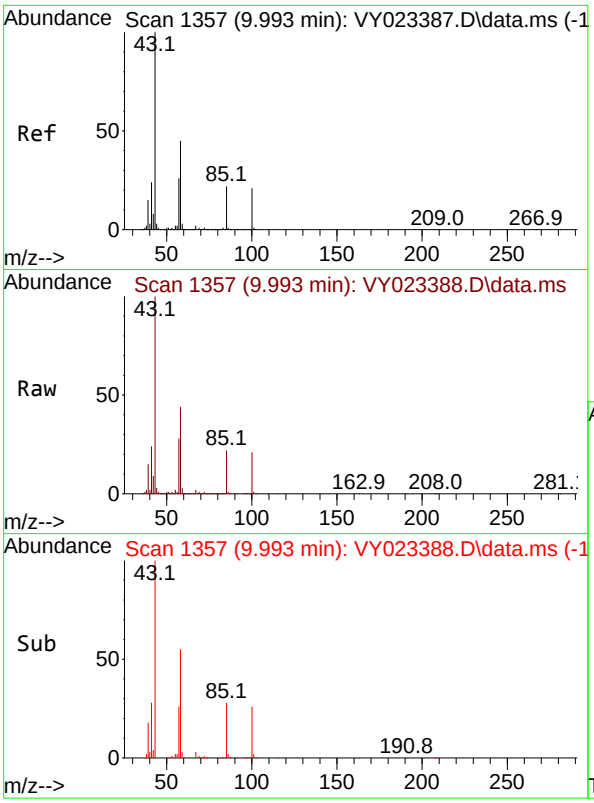


#50
Toluene-d8
Concen: 98.031 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 98 Resp: 1919872

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 533.386 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 153932

Ion	Ratio	Lower	Upper
43	100		
58	44.0	35.3	52.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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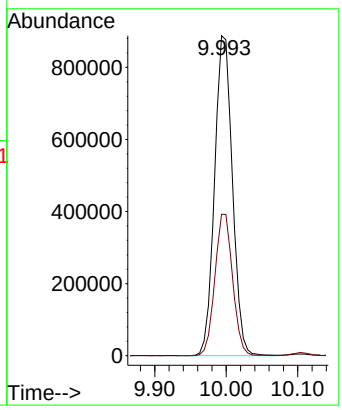
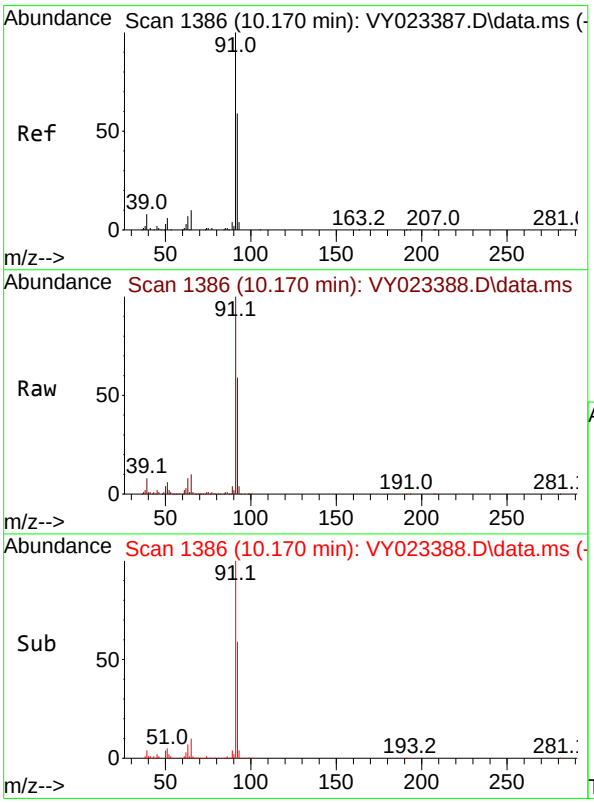
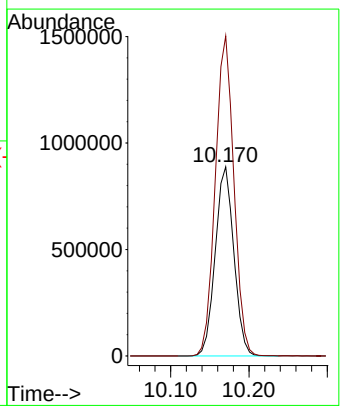


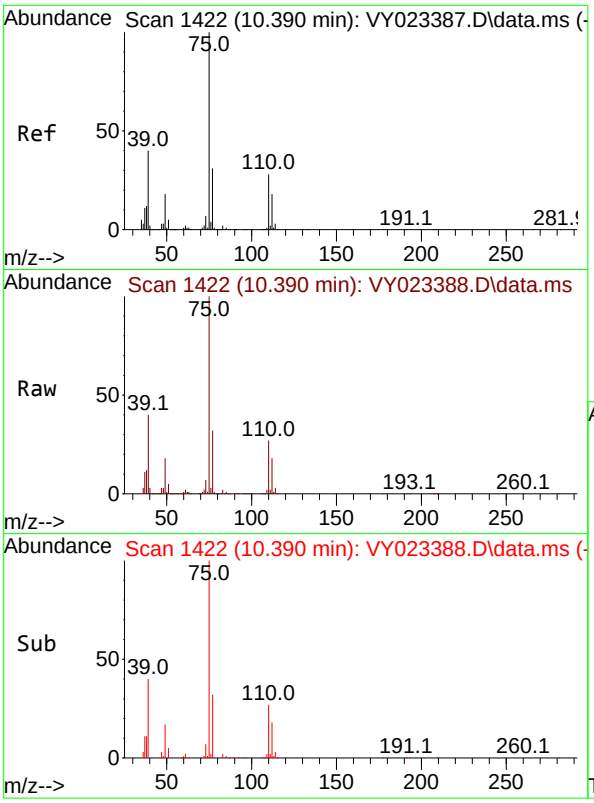


#52
Toluene
Concen: 100.905 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 92 Resp: 1462927

Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 104.537 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 71047

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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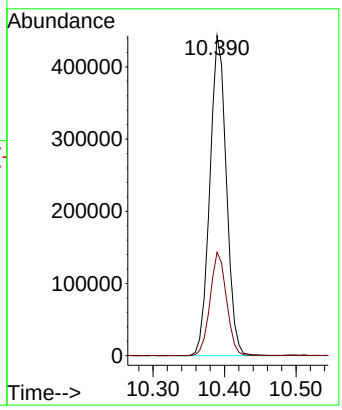
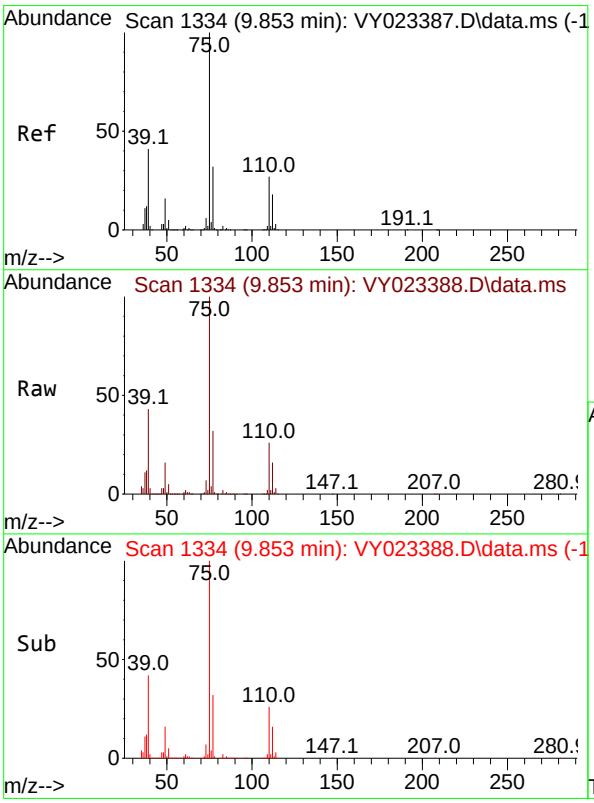
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

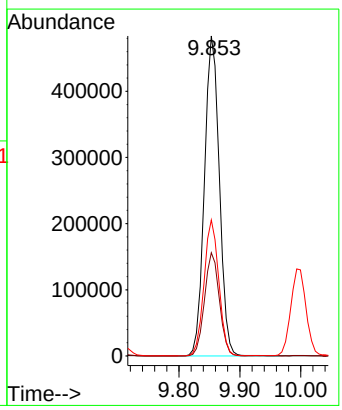


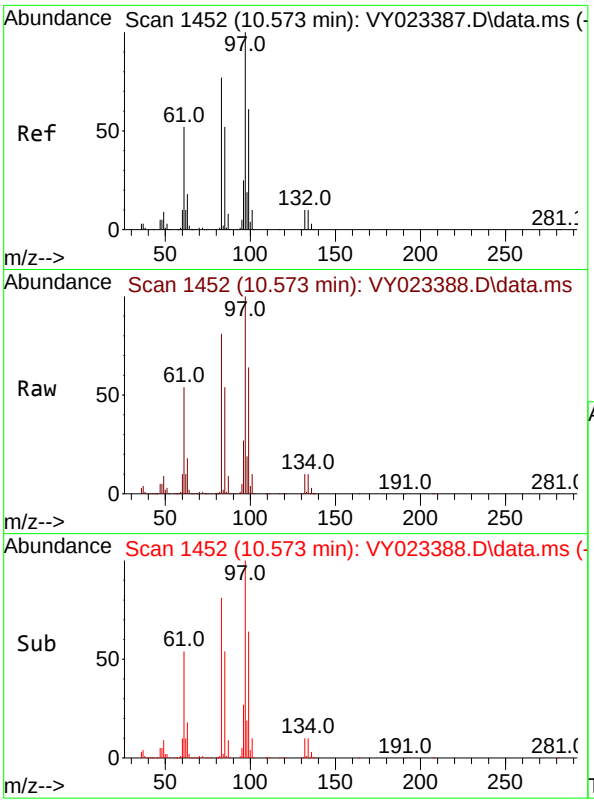


#54
cis-1,3-Dichloropropene
Concen: 101.302 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 822967

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0
39	42.5	32.8	49.2

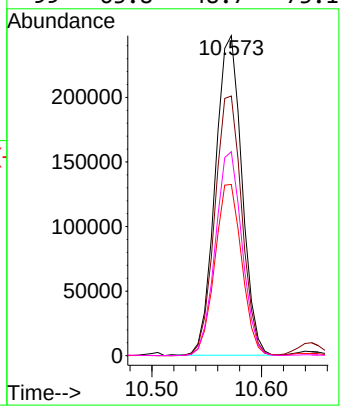




#55
1,1,2-Trichloroethane
Concen: 99.875 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 97 Resp: 41762

Ion	Ratio	Lower	Upper
97	100		
83	81.3	61.8	92.6
85	53.6	41.3	61.9
99	63.8	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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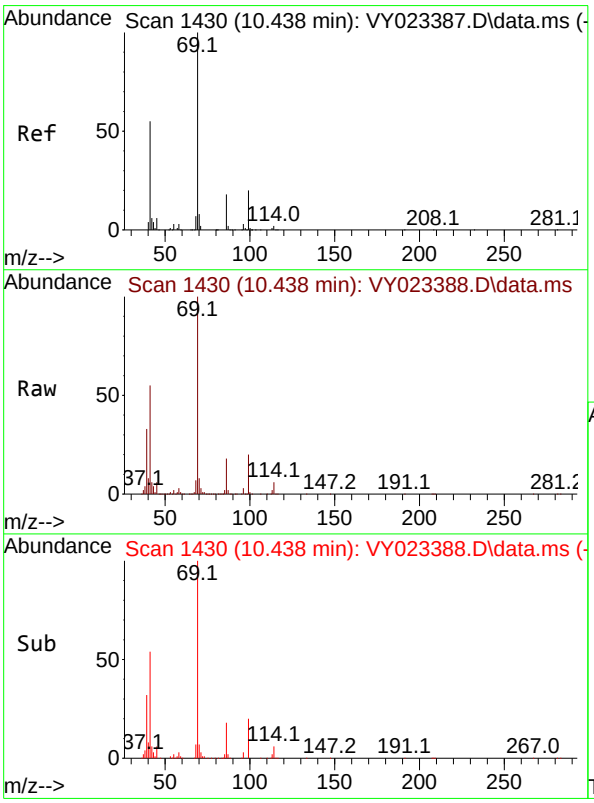
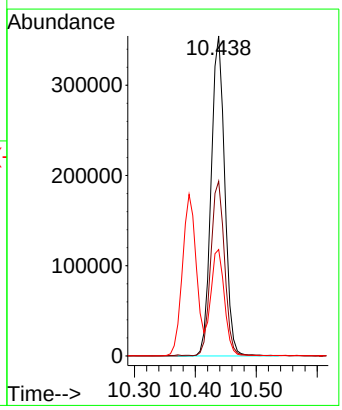
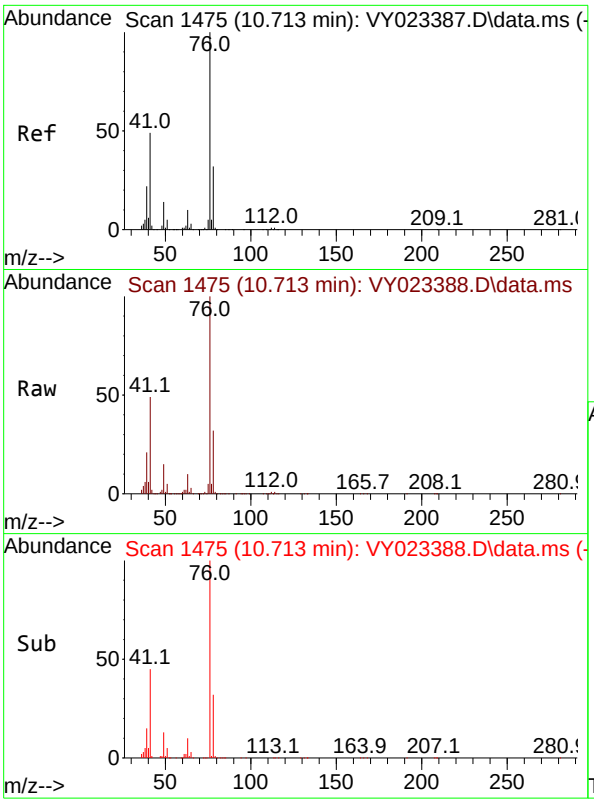


#56
Ethyl methacrylate
Concen: 114.077 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 69 Resp: 549366

Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.6	67.0
39	33.3	27.0	40.4

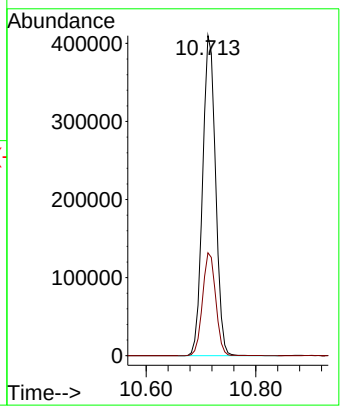




#57
1,3-Dichloropropane
Concen: 99.140 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 76 Resp: 67096

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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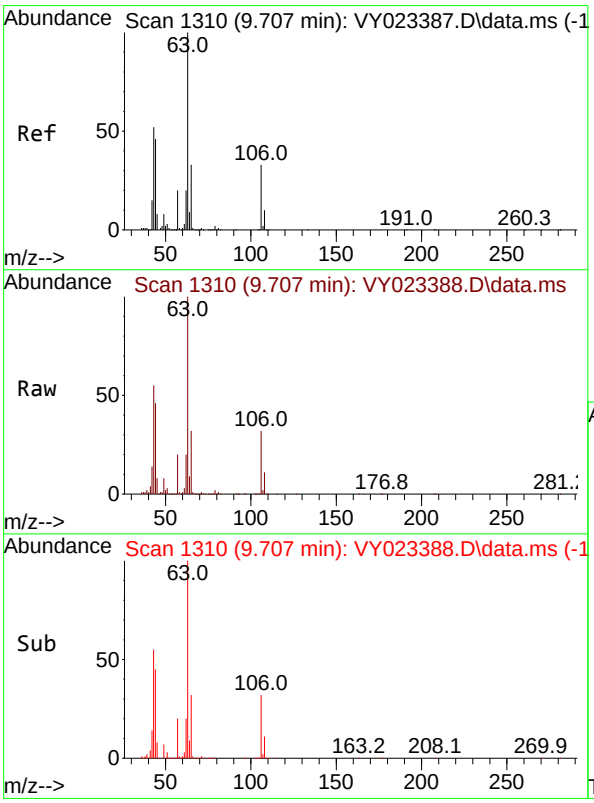
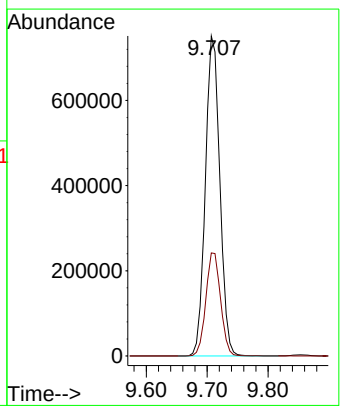
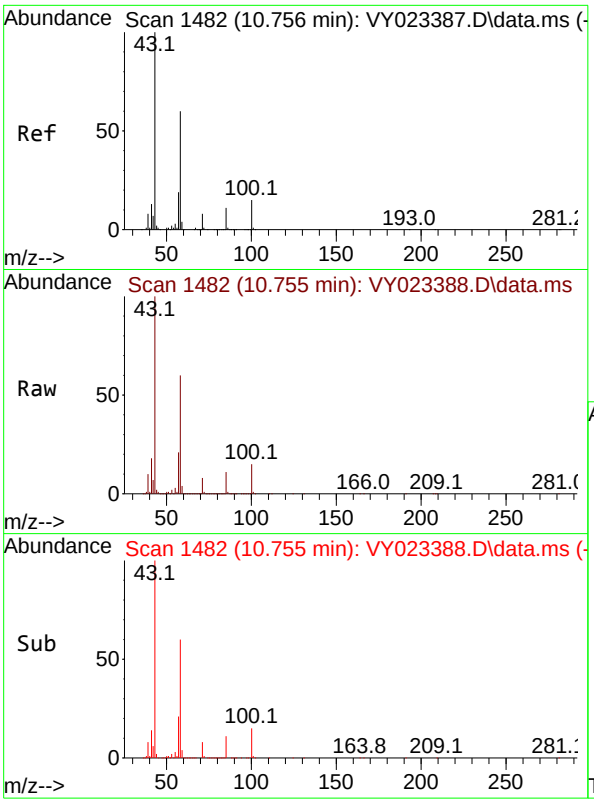


#58
2-Chloroethyl Vinyl ether
Concen: 588.731 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 1240361

Ion	Ratio	Lower	Upper
63	100		
106	32.8	26.6	39.8





#59
2-Hexanone
Concen: 541.284 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 108156

Ion	Ratio	Lower	Upper
43	100		
58	61.5	30.5	91.5

Instrument :
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ClientSampleId :
VSTDICC100

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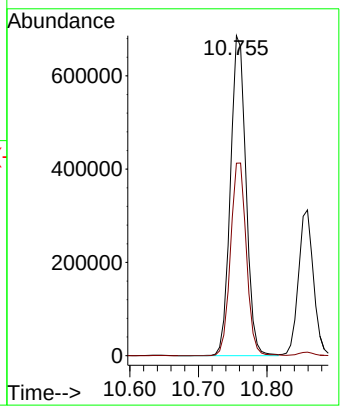
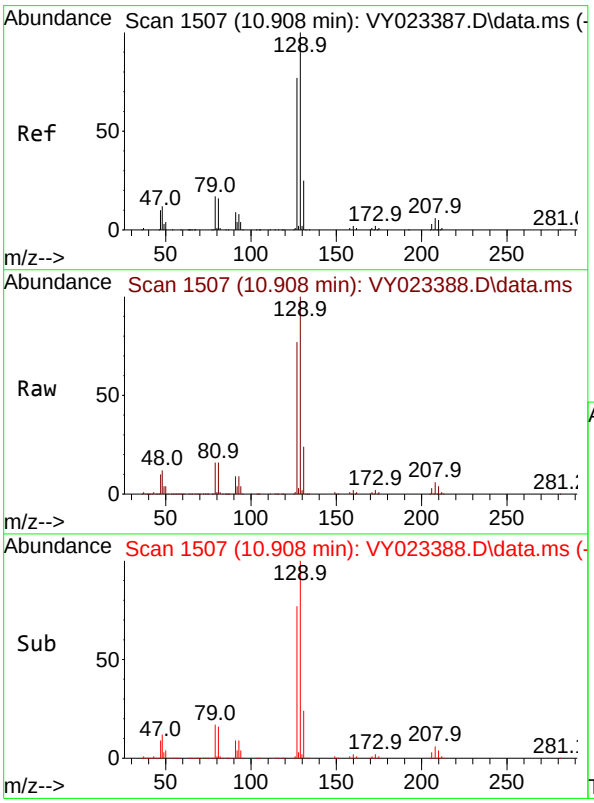
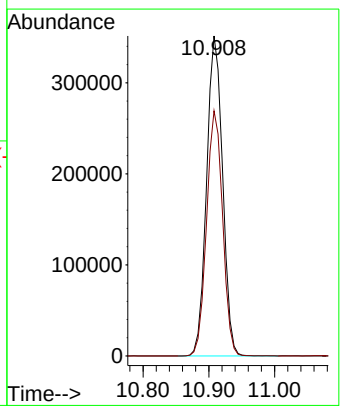


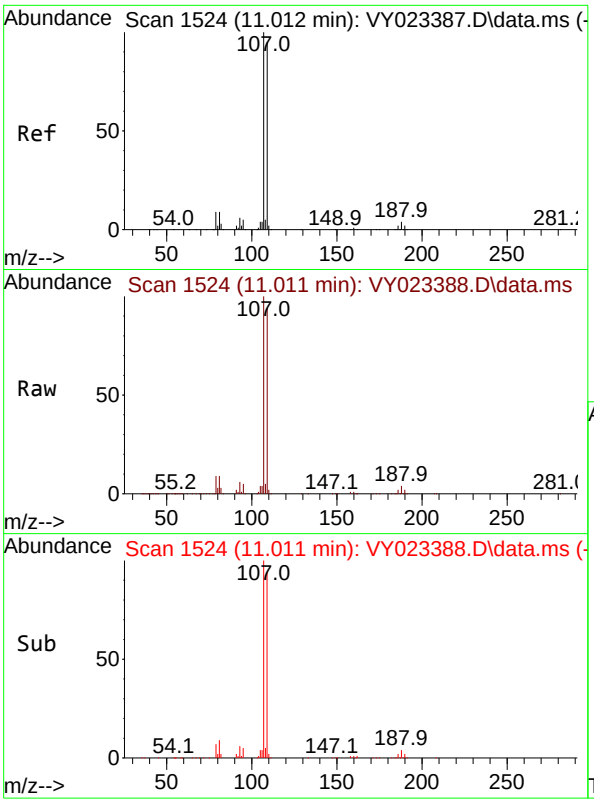


#60
Dibromochloromethane
Concen: 104.133 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:129 Resp: 593878

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	115.7

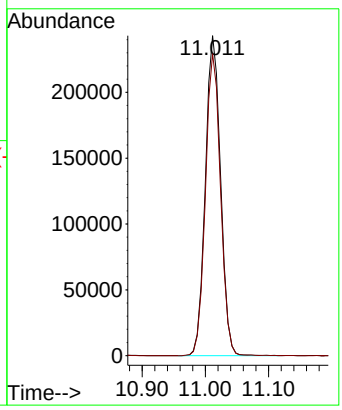




#61
1,2-Dibromoethane
Concen: 103.280 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:107 Resp: 40629

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.1	114.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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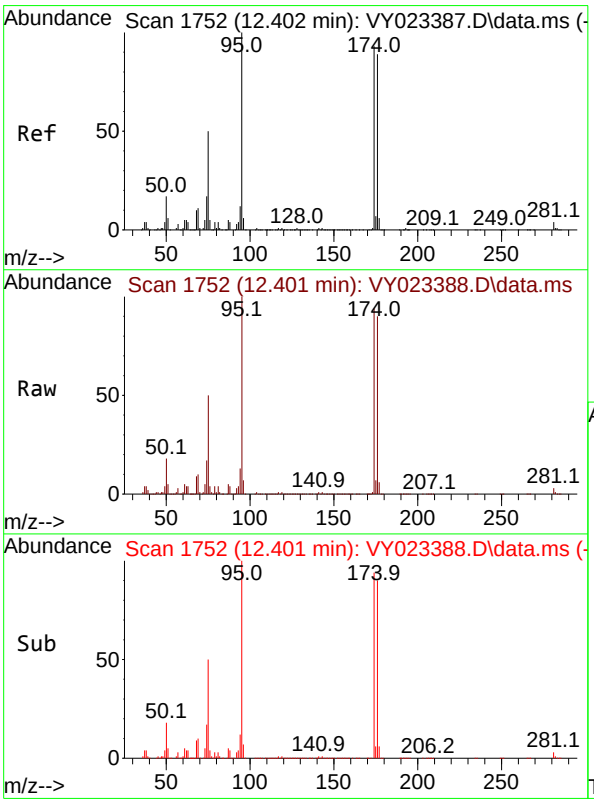
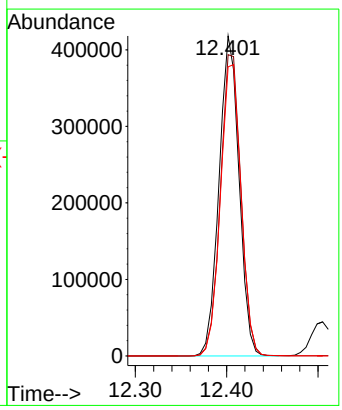
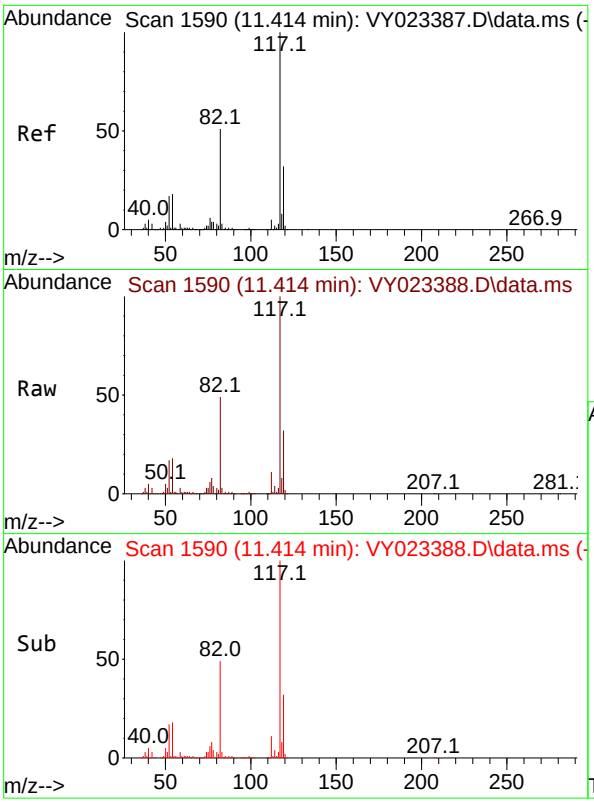


#62
4-Bromofluorobenzene
Concen: 103.007 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 95 Resp: 636435

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	192.8
176	94.1	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:117 Resp: 76436

Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.0	61.4
119	32.2	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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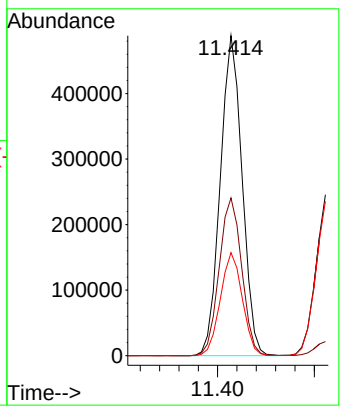
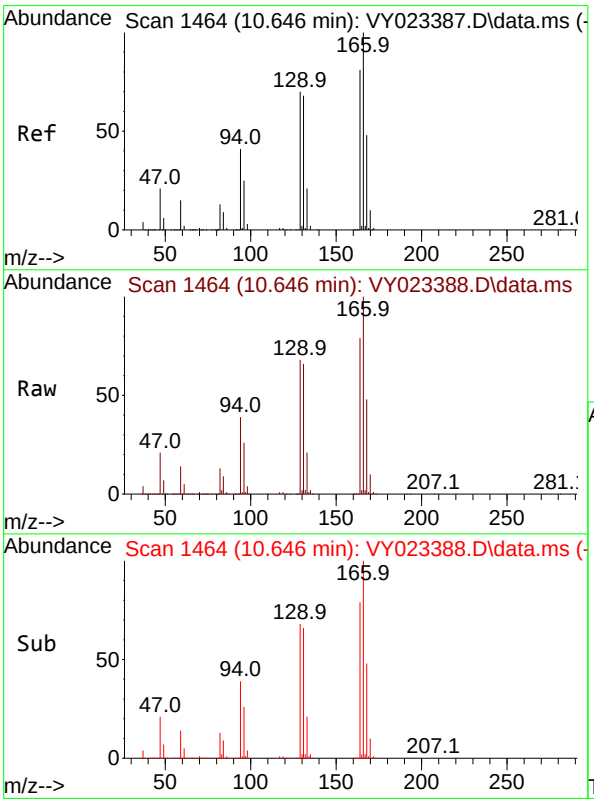
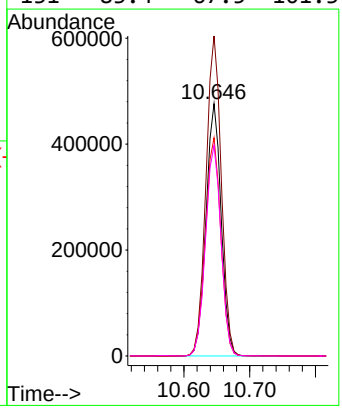


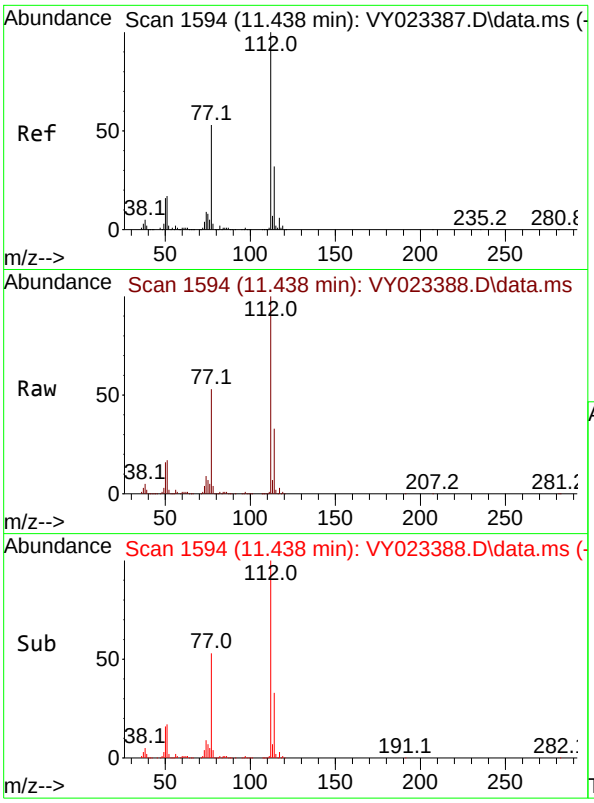


#64
Tetrachloroethene
Concen: 100.406 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:164 Resp: 767753

Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.4	149.0
129	86.5	69.4	104.2
131	83.4	67.5	101.3

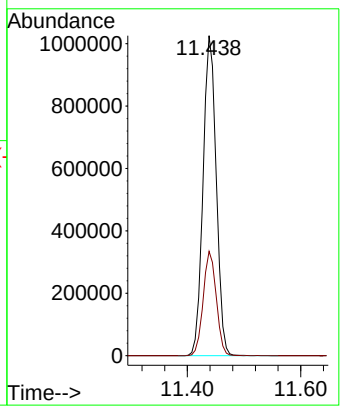




#65
Chlorobenzene
Concen: 99.649 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:112 Resp: 165514

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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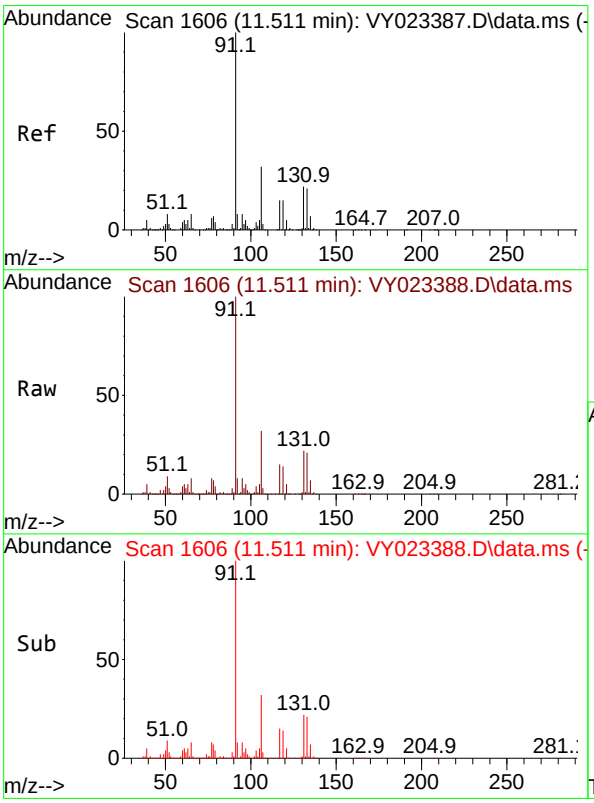
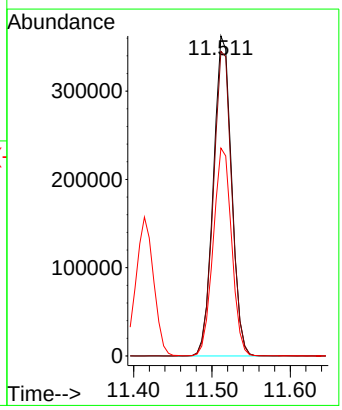
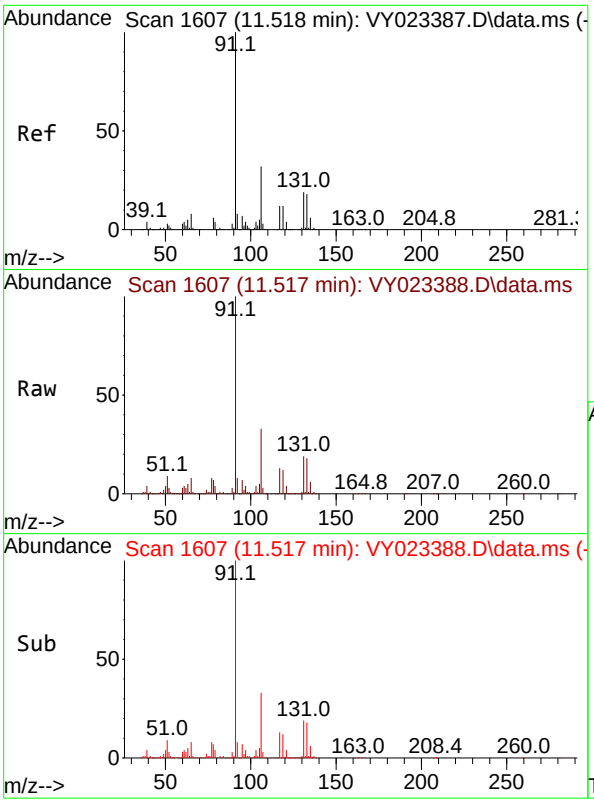


#66
1,1,1,2-Tetrachloroethane
Concen: 100.470 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:131 Resp: 586878

Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.4	145.2
119	65.7	32.4	97.2

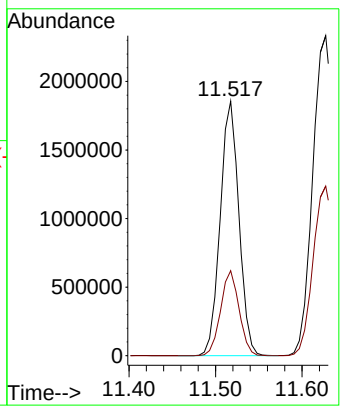




#67
Ethyl Benzene
Concen: 102.856 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 278825

Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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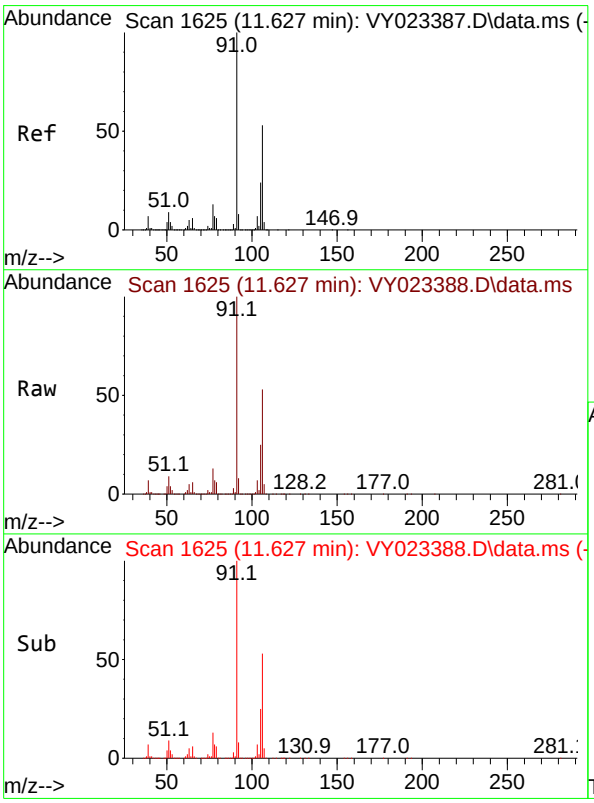
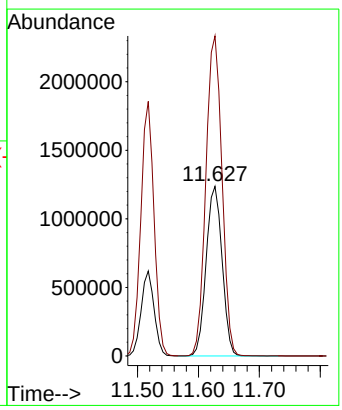
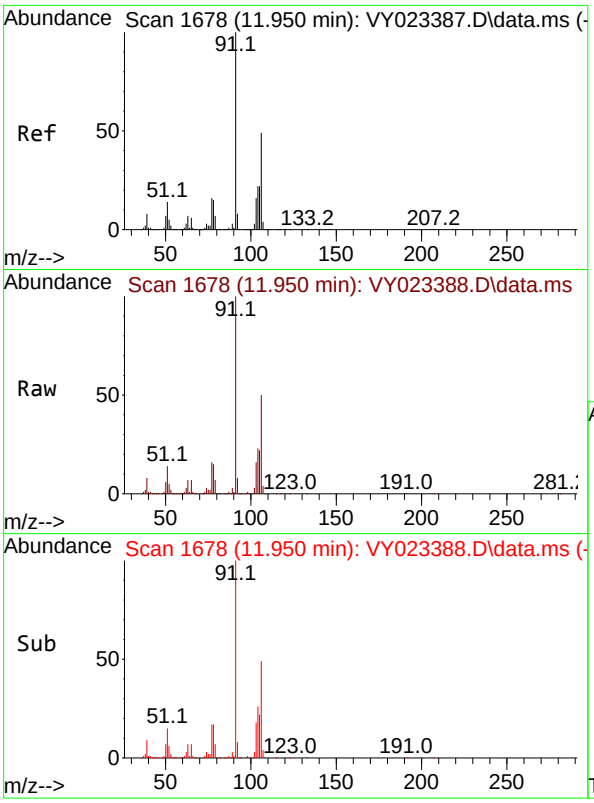


#68
m/p-Xylenes
Concen: 206.437 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:106 Resp: 2243033

Ion	Ratio	Lower	Upper
106	100		
91	190.5	152.6	229.0

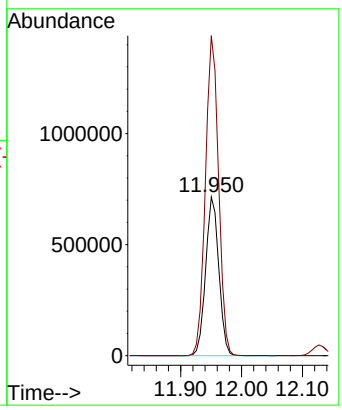




#69
o-Xylene
Concen: 106.611 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:106 Resp: 107233

Ion	Ratio	Lower	Upper
106	100		
91	201.8	101.4	304.1



Instrument :
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ClientSampleId :
VSTDICC100

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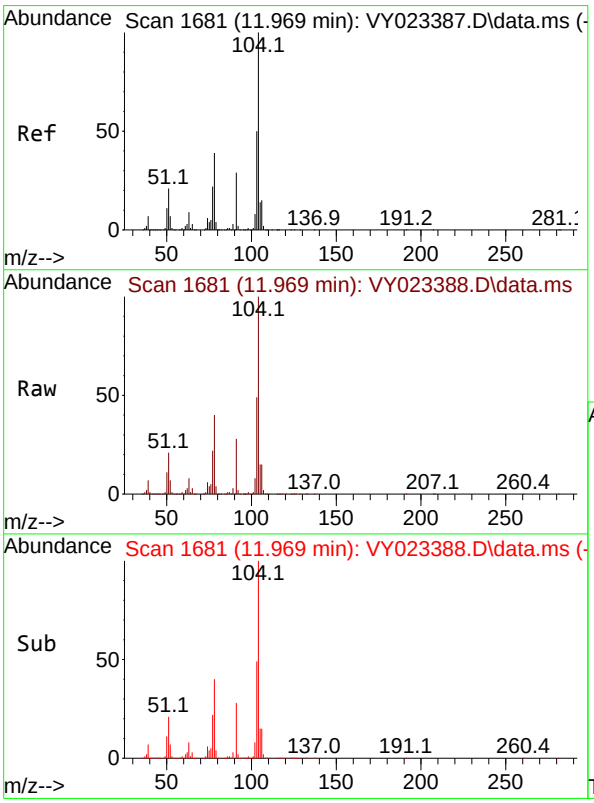
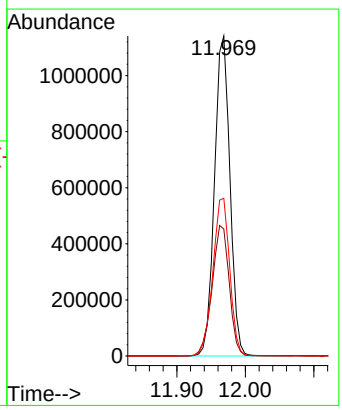
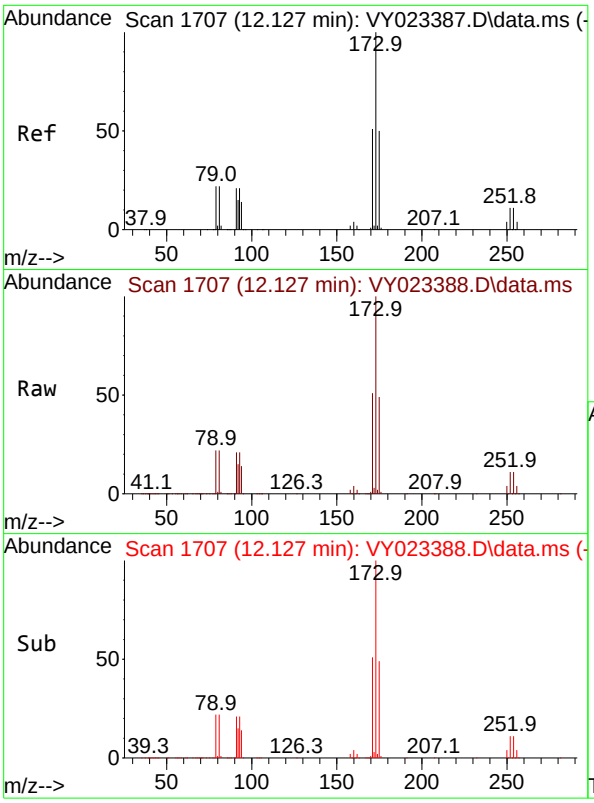


#70
Styrene
Concen: 107.344 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:104 Resp: 1782757

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.1	54.1
103	53.9	43.2	64.8

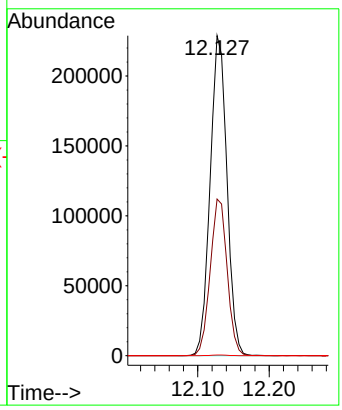




#71
Bromoform
Concen: 106.727 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:173 Resp: 37320

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.2	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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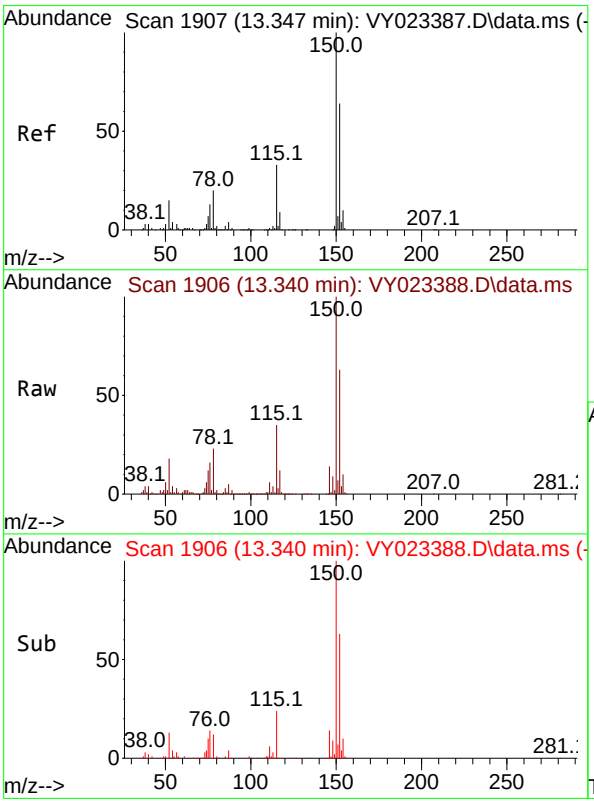
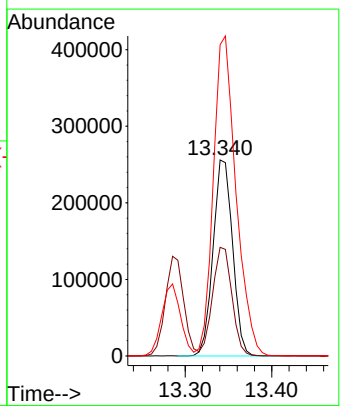
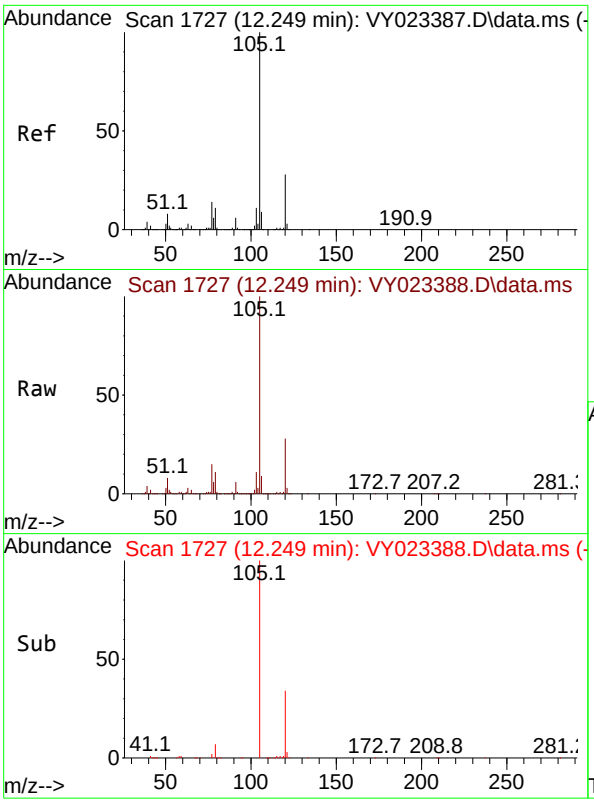


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:152 Resp: 400285

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.1	81.2
150	190.0	0.0	347.4

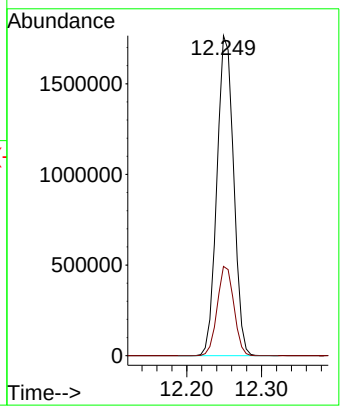




#73
Isopropylbenzene
Concen: 102.825 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 274169

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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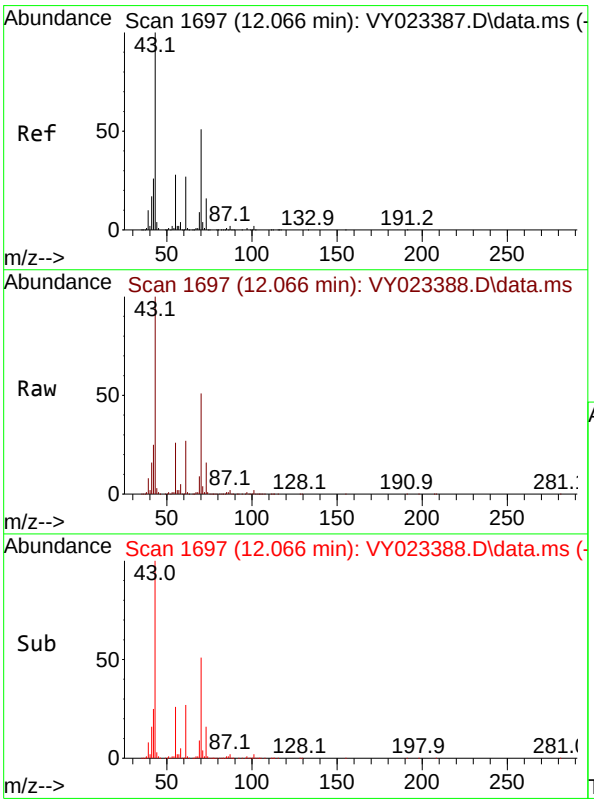
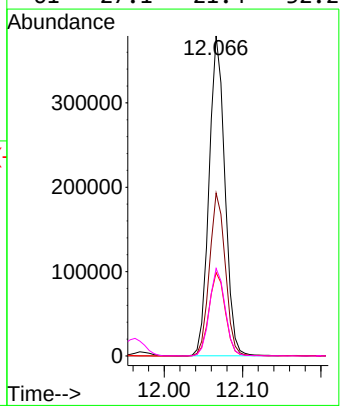
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

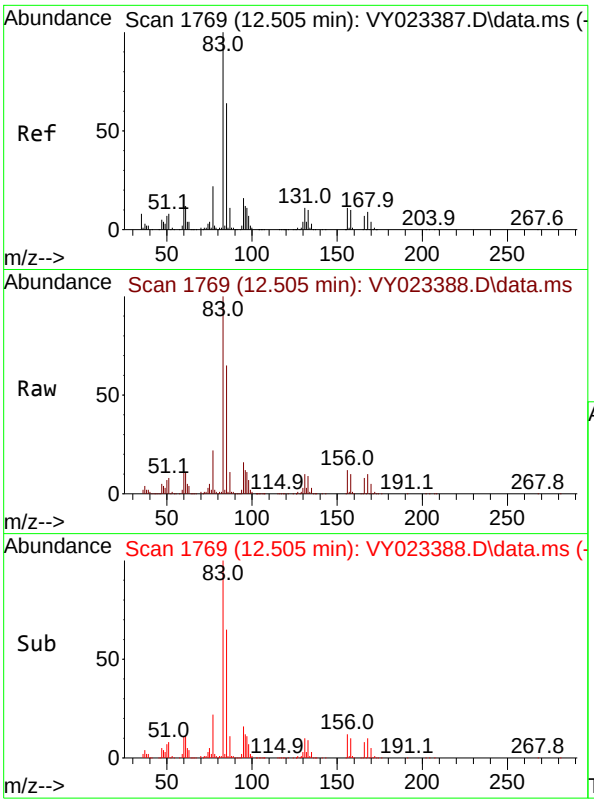


#74
N-amyl acetate
Concen: 106.818 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 532255

Ion	Ratio	Lower	Upper
43	100		
70	51.0	41.1	61.7
55	26.8	23.0	34.6
61	27.1	21.4	32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 97.735 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 43472

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.6
85	64.9	31.8	95.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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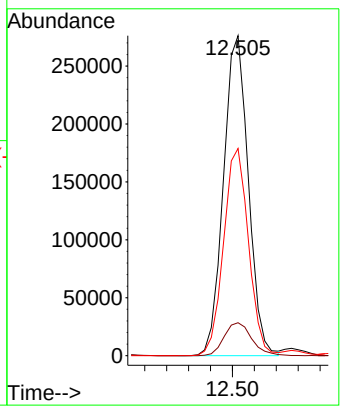
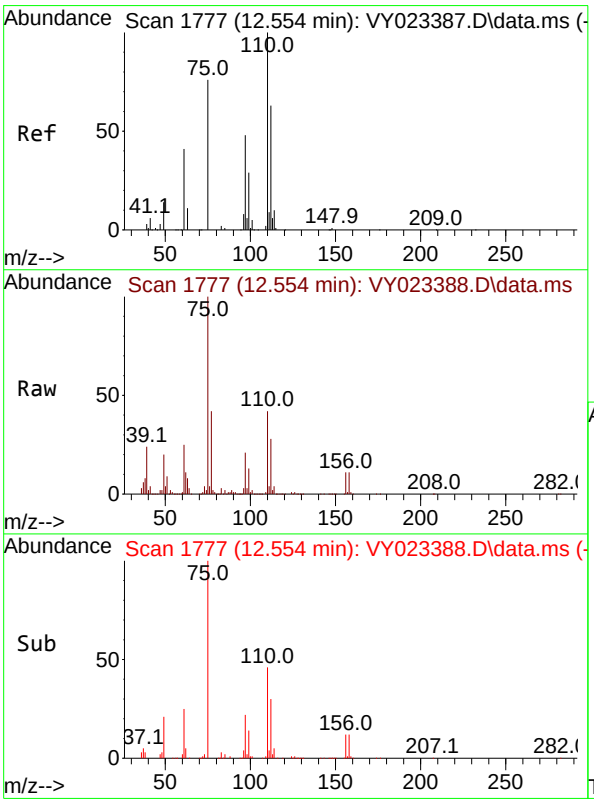
Supervised By :Mahesh Dadoda 10/10/2025

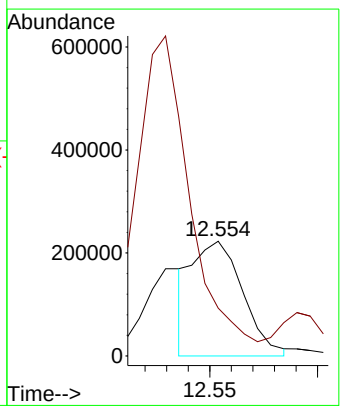


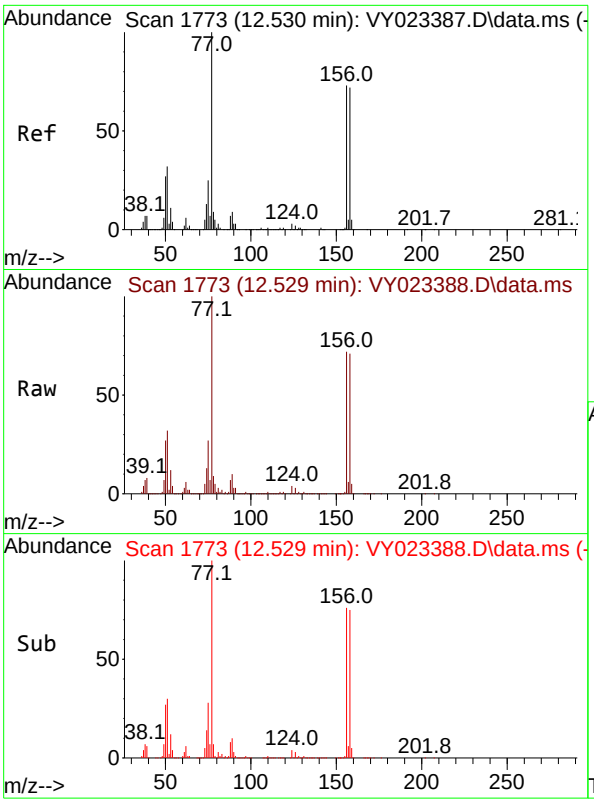


#76
1,2,3-Trichloropropane
Concen: 92.345 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 364622

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

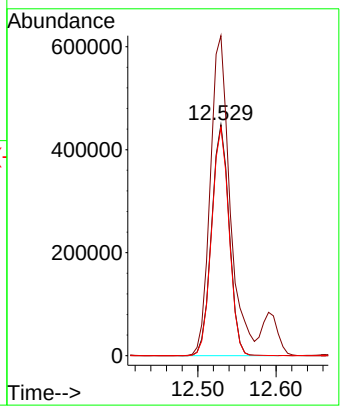




#77
Bromobenzene
Concen: 102.545 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:156 Resp: 70174

Ion	Ratio	Lower	Upper
156	100		
77	154.5	76.8	230.5
158	98.1	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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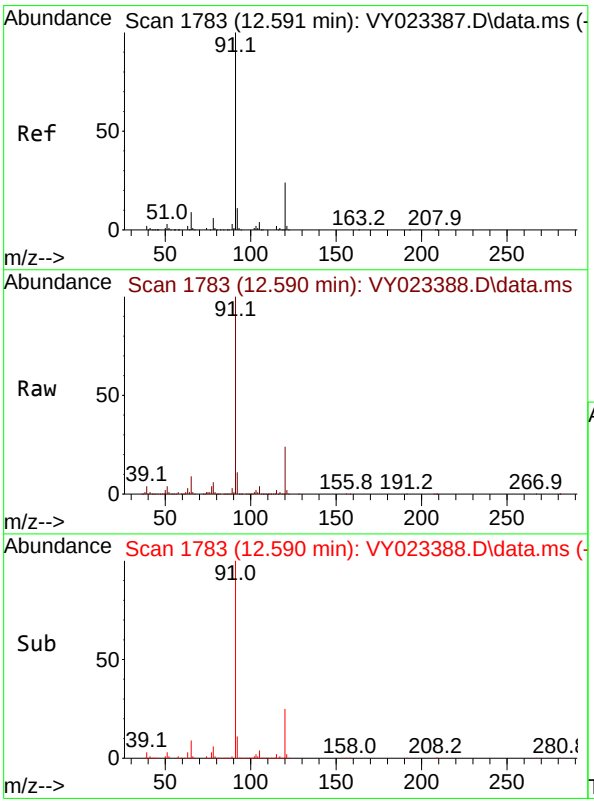
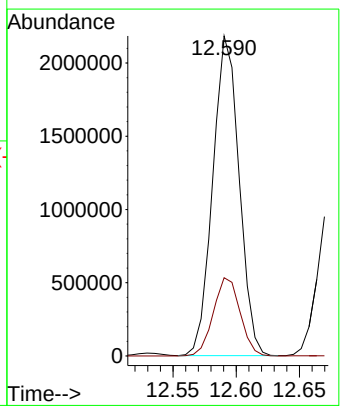
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

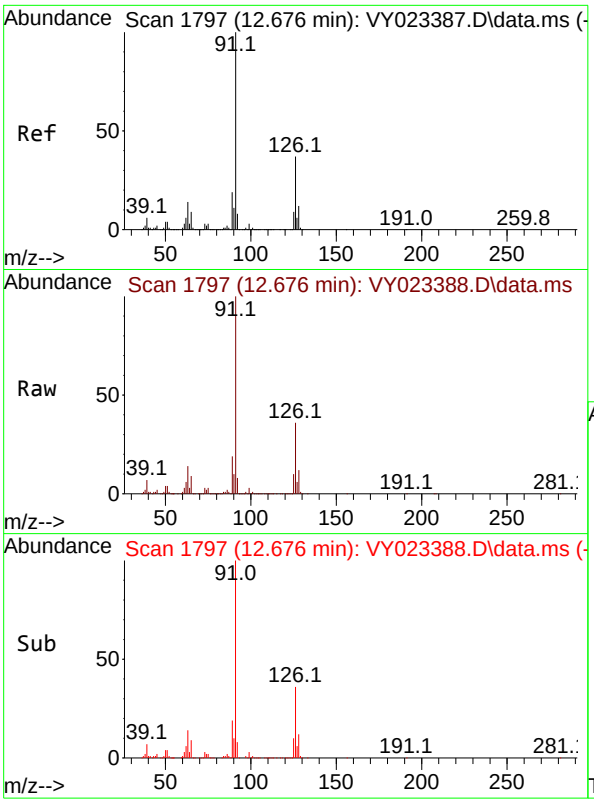


#78
n-propylbenzene
Concen: 100.958 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 3165894

Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.3	36.8





#79
2-Chlorotoluene
Concen: 99.426 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 180012

Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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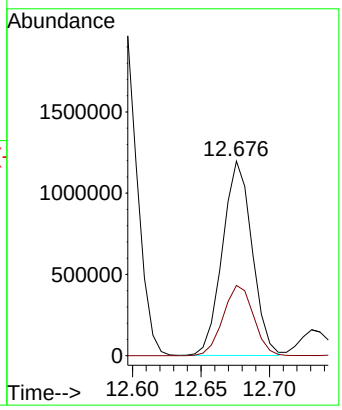
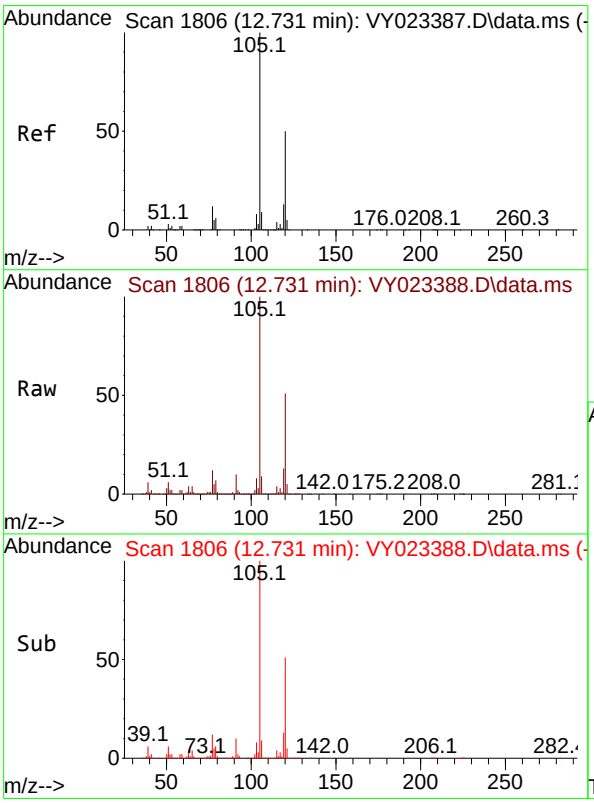
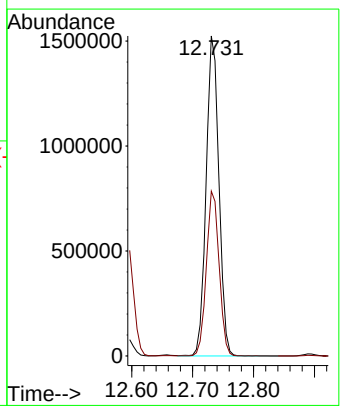


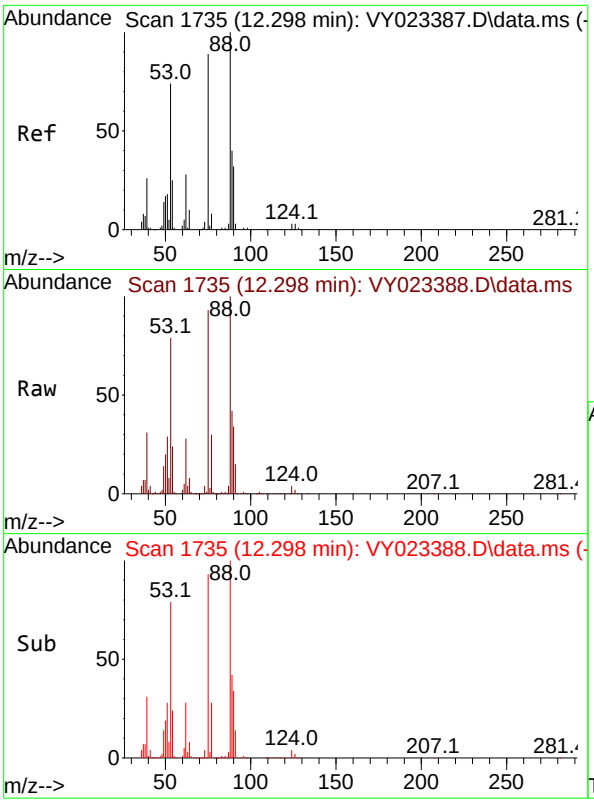


#80
1,3,5-Trimethylbenzene
Concen: 102.374 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 2219080

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.4	76.4

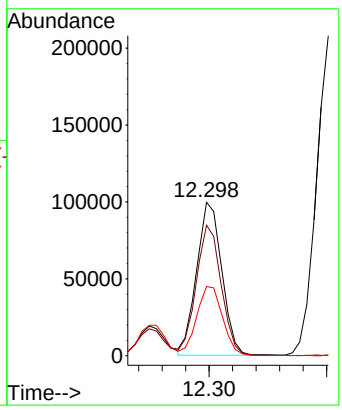




#81
trans-1,4-Dichloro-2-butene
Concen: 101.273 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 14830

Ion	Ratio	Lower	Upper
75	100		
53	84.5	68.6	102.8
89	46.6	39.0	58.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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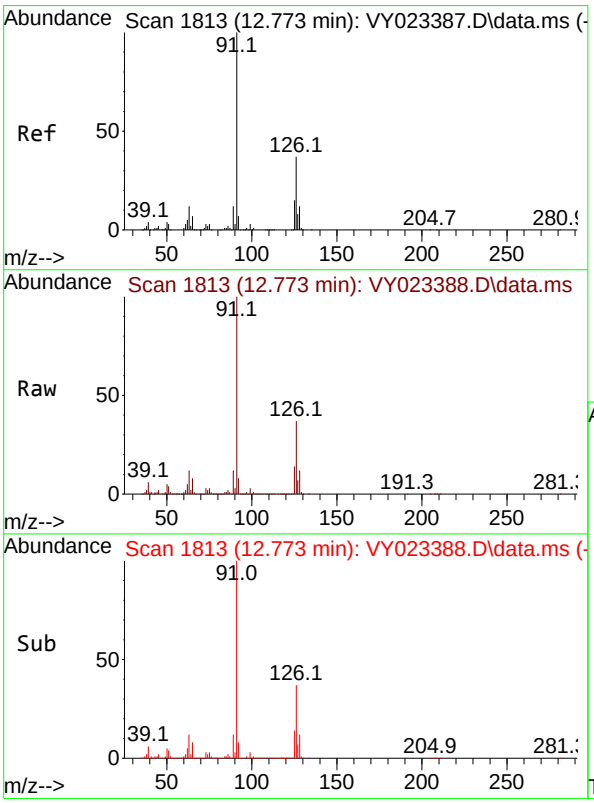
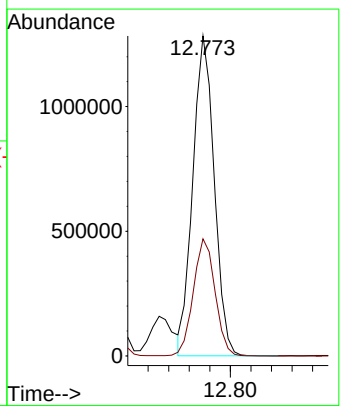
Supervised By :Mahesh Dadoda 10/10/2025

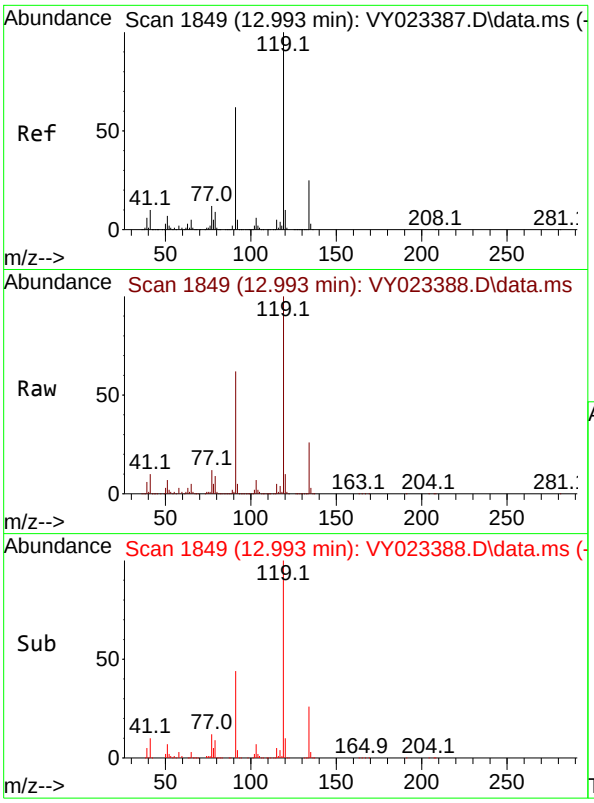


#82
4-Chlorotoluene
Concen: 98.060 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 1854165

Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.4	55.4

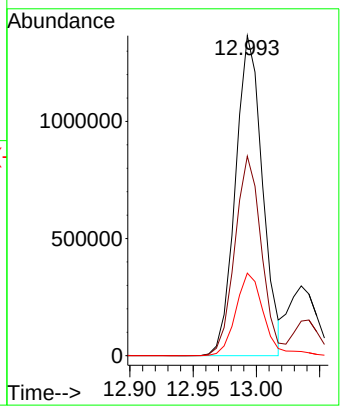




#83
tert-Butylbenzene
Concen: 102.684 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:119 Resp: 202819

Ion	Ratio	Lower	Upper
119	100		
91	61.9	29.9	89.8
134	26.9	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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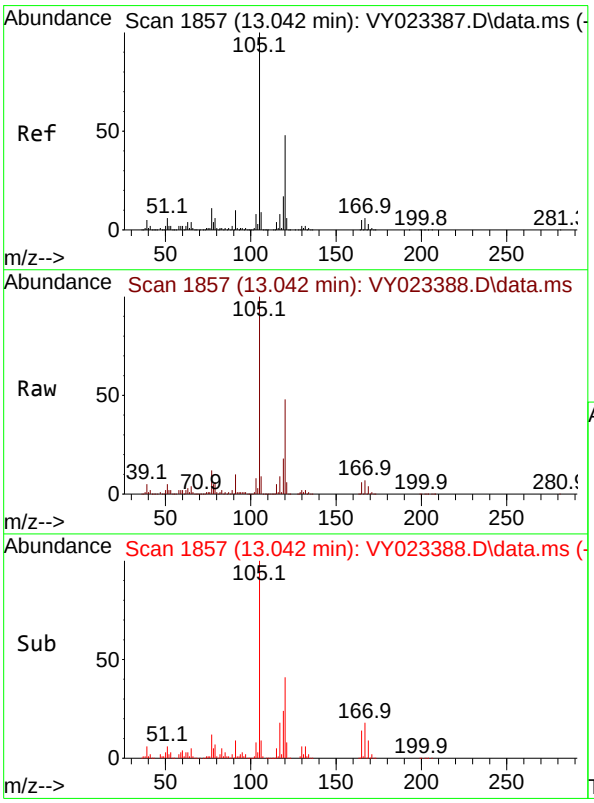
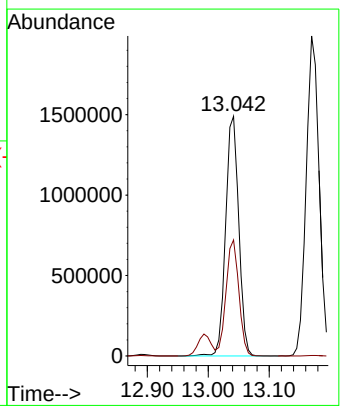
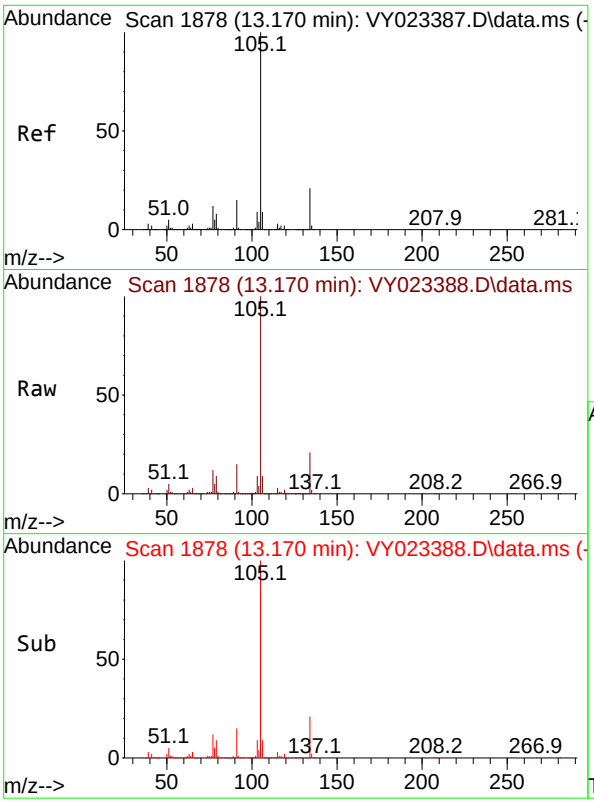


#84
1,2,4-Trimethylbenzene
Concen: 103.853 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 2227197

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.8	71.2

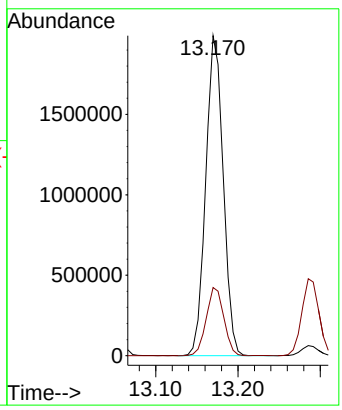




#85
sec-Butylbenzene
Concen: 102.530 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 293294

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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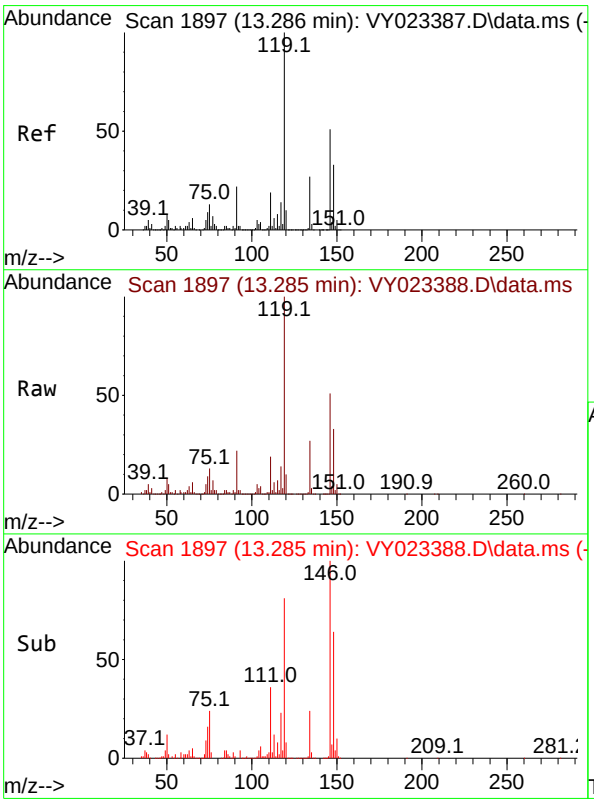
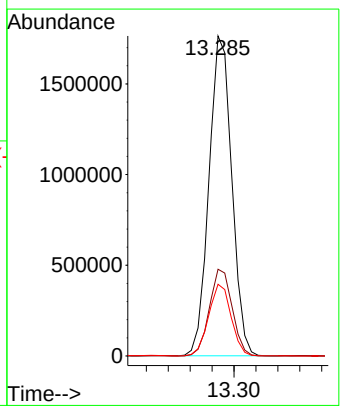
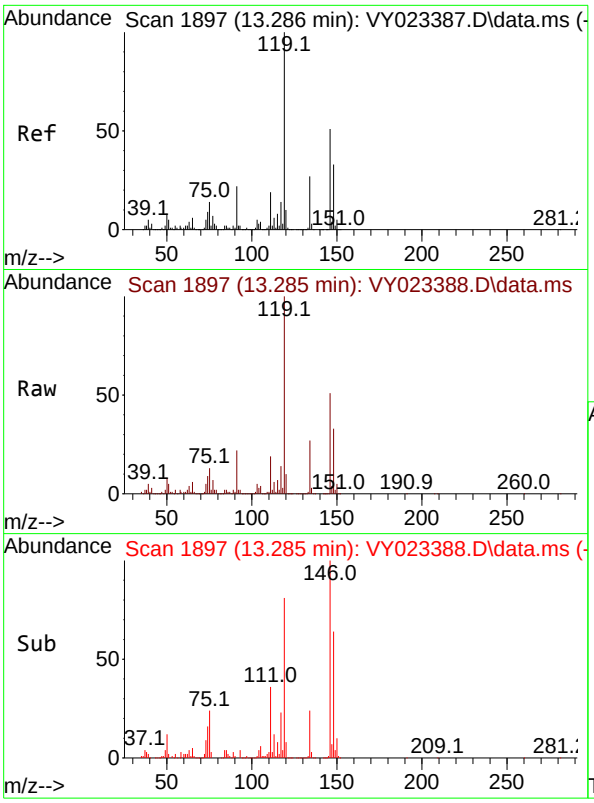


#86
p-Isopropyltoluene
Concen: 105.408 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:119 Resp: 2548220

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.1	10.9	32.9





#87
1,3-Dichlorobenzene
Concen: 100.735 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:146 Resp: 136171

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.1	31.9	95.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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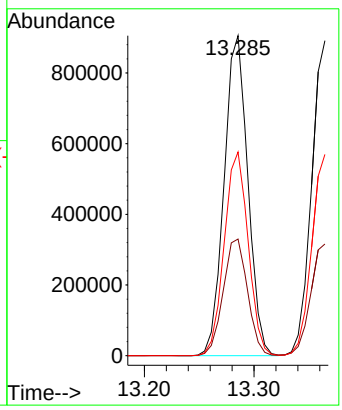
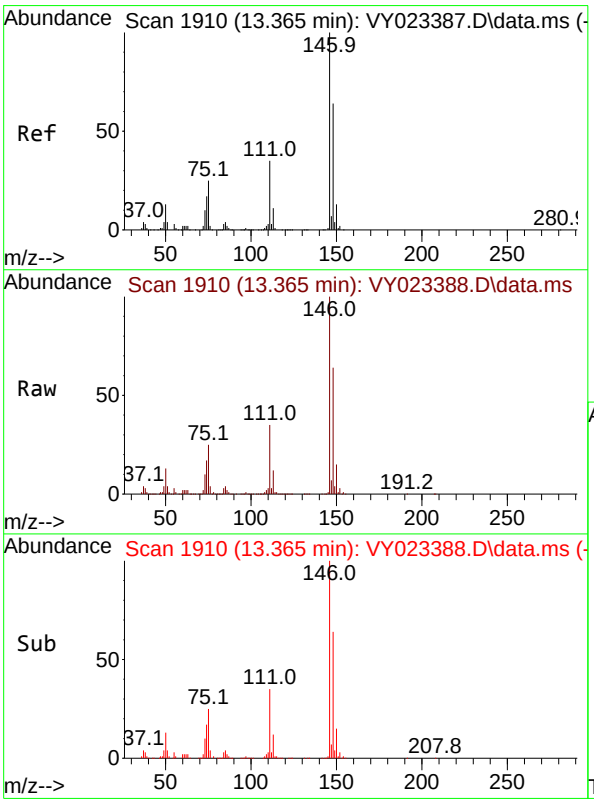
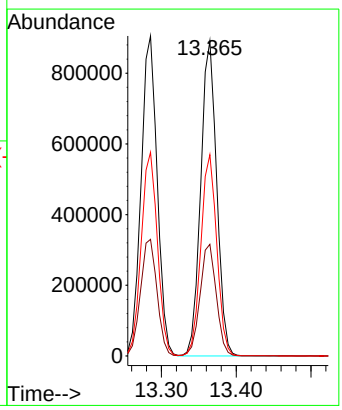


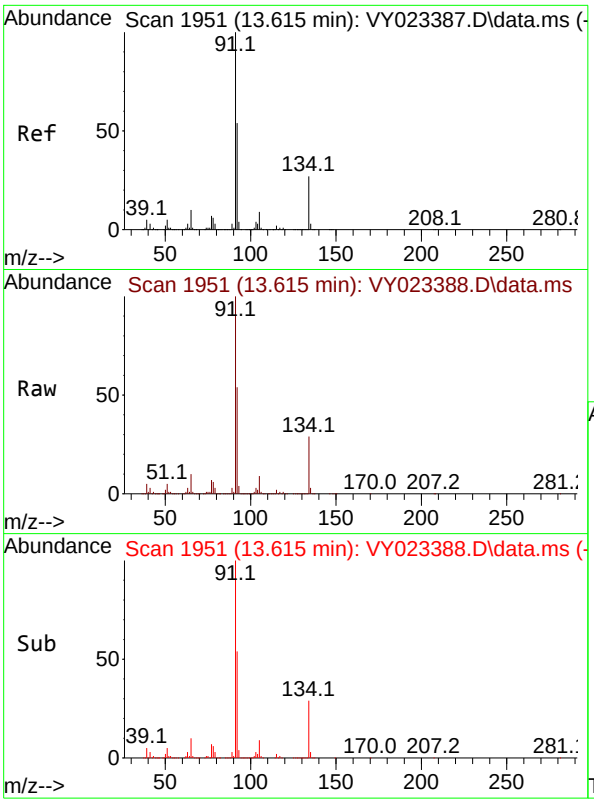


#88
1,4-Dichlorobenzene
Concen: 98.734 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:146 Resp: 1323618

Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.8	31.9	95.7

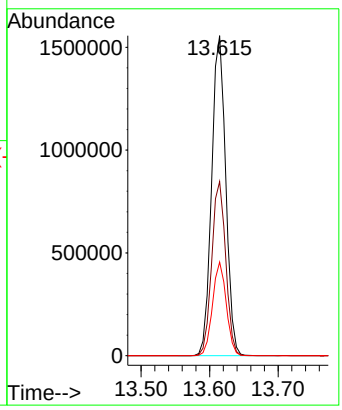




#89
n-Butylbenzene
Concen: 104.174 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 222374

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	80.8
134	28.6	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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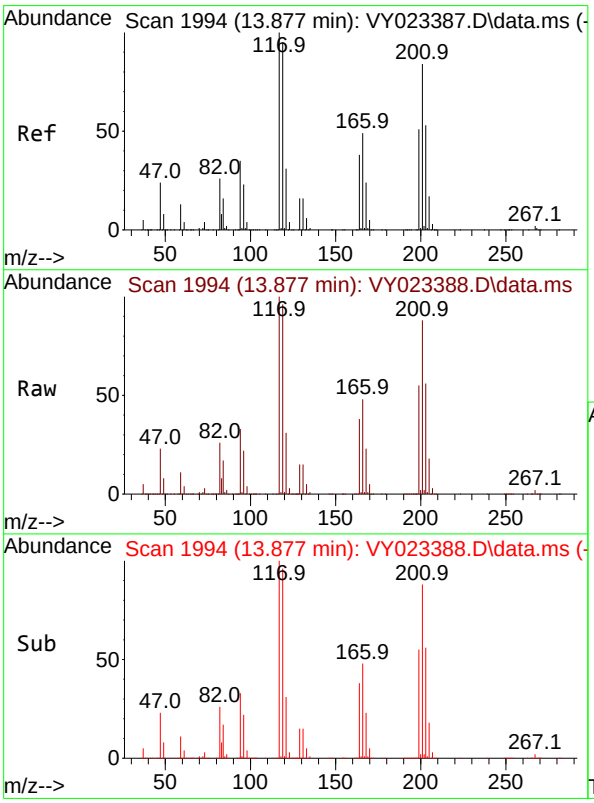
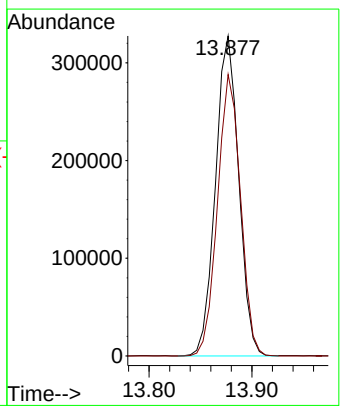
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

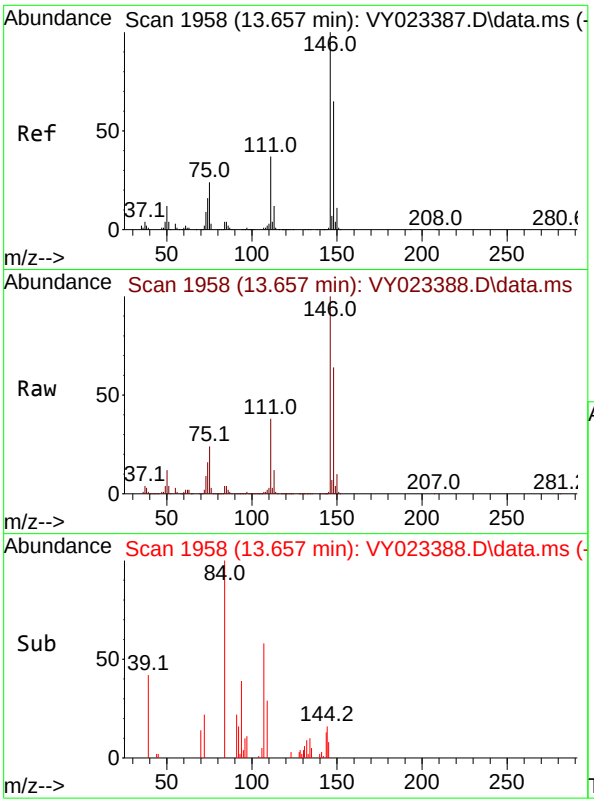


#90
Hexachloroethane
Concen: 98.069 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:117 Resp: 514746

Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.8	131.4

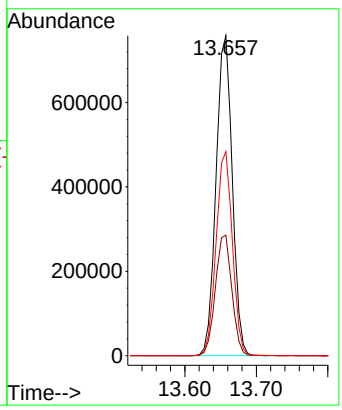




#91
1,2-Dichlorobenzene
Concen: 101.146 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:146 Resp: 119304

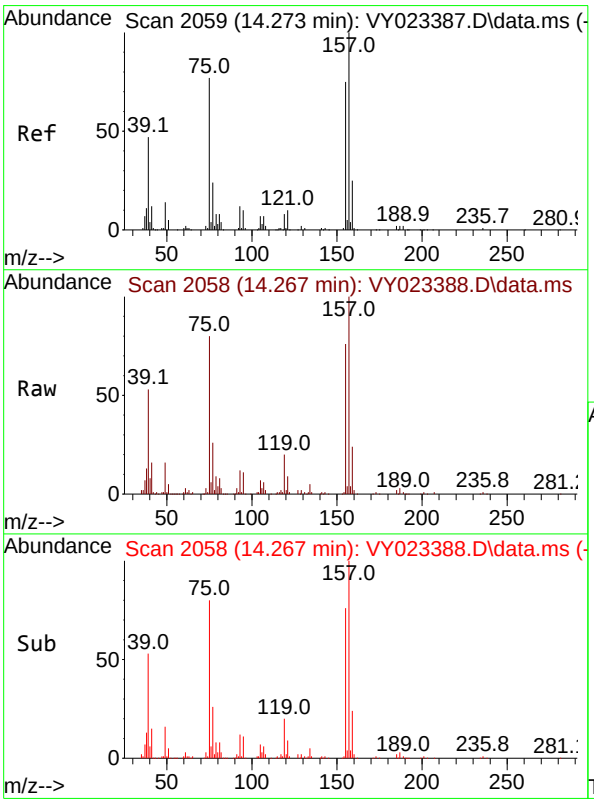
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.1	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

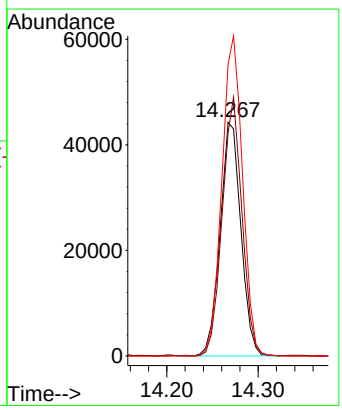
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

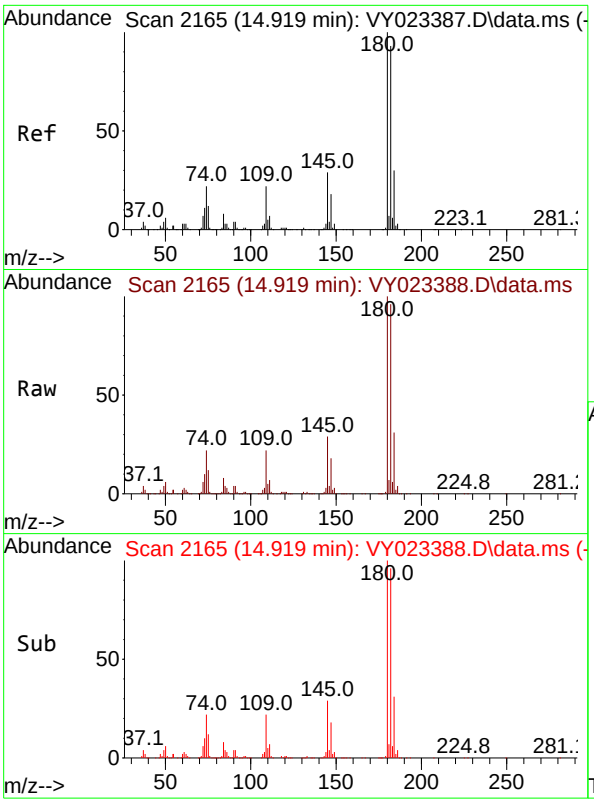


#92
1,2-Dibromo-3-Chloropropane
Concen: 99.458 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 70107

Ion	Ratio	Lower	Upper
75	100		
155	105.2	50.0	150.0
157	135.9	63.8	191.5

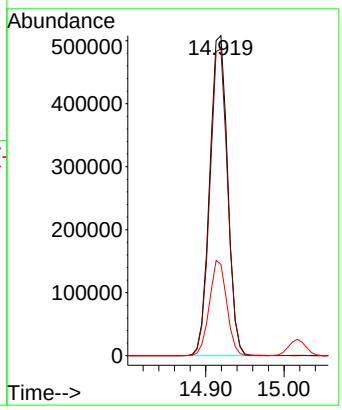




#93
1,2,4-Trichlorobenzene
Concen: 116.031 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:180 Resp: 80632

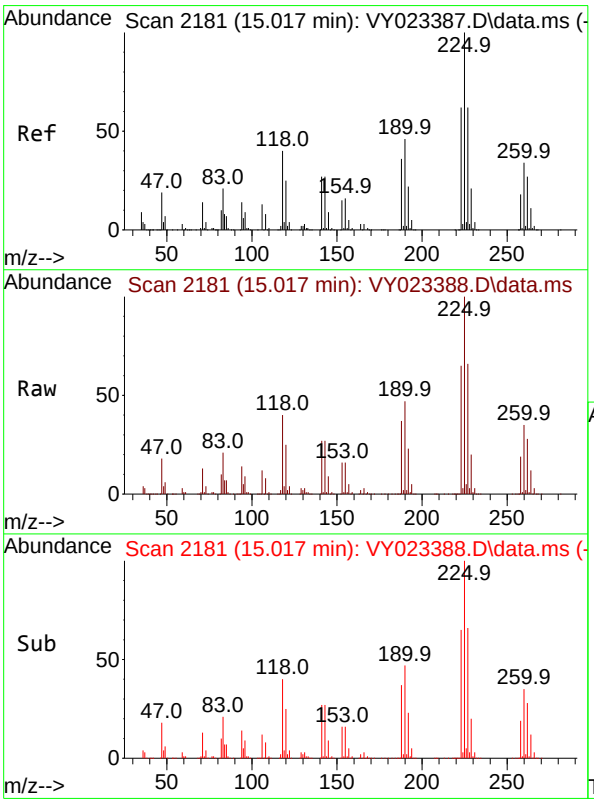
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	28.7	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

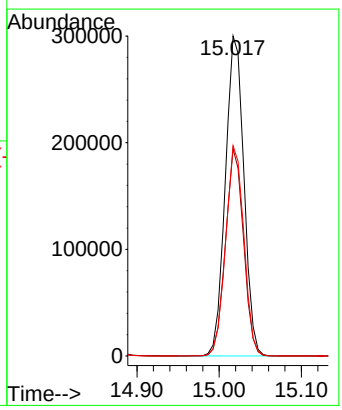
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

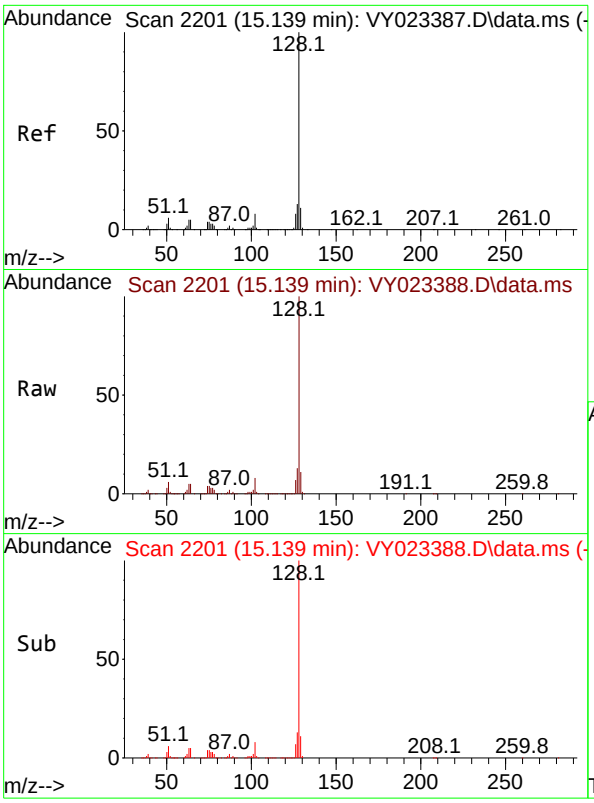


#94
Hexachlorobutadiene
Concen: 108.557 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:225 Resp: 470072

Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.3
227	64.6	31.9	95.7

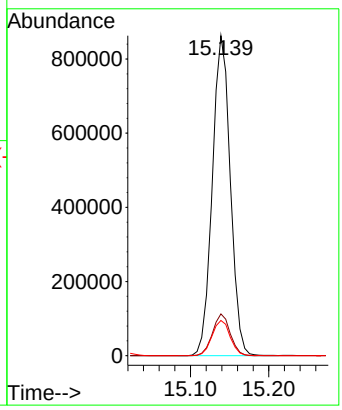




#95
Naphthalene
Concen: 124.485 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:128 Resp: 137829

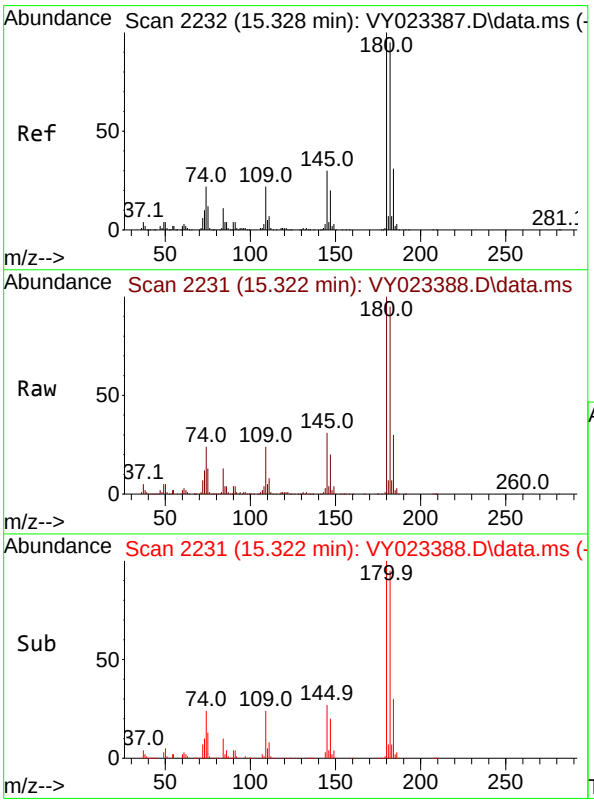
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

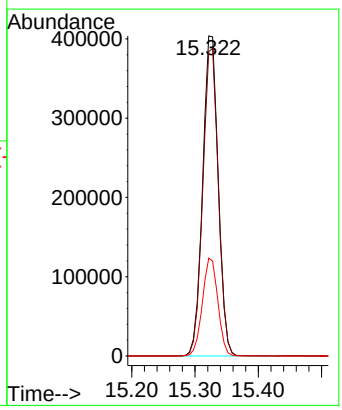
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 115.034 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:180 Resp: 693477

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	30.3	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	588489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	765357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	402368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	714730	140.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 280.480%#			
35) Dibromofluoromethane	7.634	113	778632	149.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 299.960%#			
50) Toluene-d8	10.103	98	2912319	148.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 297.480%#			
62) 4-Bromofluorobenzene	12.402	95	990964	160.423	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 320.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	587619	126.766	ug/l	97
3) Chloromethane	2.068	50	825167	125.233	ug/l	100
4) Vinyl Chloride	2.208	62	1118134	134.387	ug/l	100
5) Bromomethane	2.580	94	915389	134.118	ug/l	98
6) Chloroethane	2.726	64	756912	133.994	ug/l	99
7) Trichlorofluoromethane	3.050	101	1549160	144.948	ug/l	100
8) Diethyl Ether	3.452	74	418615	149.747	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	786278	137.639	ug/l	99
10) Methyl Iodide	4.007	142	992925	150.409	ug/l	99
11) Tert butyl alcohol	4.866	59	288878	963.279	ug/l	99
12) 1,1-Dichloroethene	3.787	96	781235	142.133	ug/l	97
13) Acrolein	3.653	56	423418	833.323	ug/l	100
14) Allyl chloride	4.385	41	988378	143.628	ug/l	99
15) Acrylonitrile	5.055	53	841857	768.735	ug/l	99
16) Acetone	3.866	43	789668	689.040	ug/l	99
17) Carbon Disulfide	4.104	76	2199339	128.252	ug/l	100
18) Methyl Acetate	4.385	43	505344	173.497	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	2056533	159.802	ug/l	97
20) Methylene Chloride	4.616	84	835005	134.365	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	871380	142.549	ug/l	98
22) Diisopropyl ether	6.019	45	2218430	145.375	ug/l	99
23) Vinyl Acetate	5.958	43	6377047	760.246	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1398477	139.024	ug/l	98
25) 2-Butanone	6.890	43	1116343	788.091	ug/l	97
26) 2,2-Dichloropropane	6.884	77	1281633	143.391	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	1043574	150.505	ug/l	98
28) Bromochloromethane	7.244	49	482210	123.567	ug/l	99
29) Tetrahydrofuran	7.262	42	687719	817.972	ug/l	100
30) Chloroform	7.421	83	1542715	142.221	ug/l	99
31) Cyclohexane	7.701	56	1192778	134.268	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	1405131	144.305	ug/l	100
36) 1,1-Dichloropropene	7.835	75	1069665	146.031	ug/l	100
37) Ethyl Acetate	6.982	43	460027	158.853	ug/l	98
38) Carbon Tetrachloride	7.817	117	1290353	151.646	ug/l	99
39) Methylcyclohexane	9.109	83	1496612	159.580	ug/l	99
40) Benzene	8.079	78	3366812	147.442	ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	246974	164.212	ug/l		98
42) 1,2-Dichloroethane	8.158	62	866250	149.063	ug/l		100
43) Isopropyl Acetate	8.195	43	946087	167.955	ug/l		100
44) Trichloroethene	8.866	130	966011	150.740	ug/l		99
45) 1,2-Dichloropropane	9.140	63	752286	146.403	ug/l		99
46) Dibromomethane	9.231	93	483702	153.895	ug/l		99
47) Bromodichloromethane	9.420	83	1202247	151.965	ug/l		98
48) Methyl methacrylate	9.219	41	463614	176.368	ug/l		100
49) 1,4-Dioxane	9.225	88	123991	3809.726	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	2516107	872.045	ug/l		100
52) Toluene	10.170	92	2272574	156.786	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	1123644	165.367	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	1296713	159.654	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	652242	156.020	ug/l		96
56) Ethyl methacrylate	10.438	69	886127	184.048	ug/l		100
57) 1,3-Dichloropropane	10.713	76	1049593	155.122	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	2040136	968.559	ug/l		100
59) 2-Hexanone	10.755	43	1776032	889.038	ug/l		99
60) Dibromochloromethane	10.908	129	935577	164.084	ug/l		99
61) 1,2-Dibromoethane	11.012	107	639895	162.699	ug/l		99
64) Tetrachloroethene	10.646	164	1046931	136.739	ug/l		98
65) Chlorobenzene	11.438	112	2563176	154.117	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	923367	157.870	ug/l		99
67) Ethyl Benzene	11.518	91	4341801	159.957	ug/l		97
68) m/p-Xylenes	11.627	106	3502137	321.899	ug/l		99
69) o-Xylene	11.950	106	1694987	168.295	ug/l		98
70) Styrene	11.969	104	2830398	170.203	ug/l		99
71) Bromoform	12.127	173	602644	172.115	ug/l	#	99
73) Isopropylbenzene	12.249	105	4290662	160.084	ug/l		100
74) N-amyl acetate	12.066	43	890882	177.866	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	737773	165.010	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	565754m	142.542	ug/l		
77) Bromobenzene	12.530	156	1111318	161.555	ug/l		100
78) n-propylbenzene	12.591	91	4932015	156.465	ug/l		99
79) 2-Chlorotoluene	12.676	91	2822049	155.063	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	3496249	160.460	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	245190	166.570	ug/l		98
82) 4-Chlorotoluene	12.773	91	2902371	152.701	ug/l		99
83) tert-Butylbenzene	12.993	119	3220384	162.197	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	3503639	162.527	ug/l		99
85) sec-Butylbenzene	13.170	105	4560715	158.609	ug/l		99
86) p-Isopropyltoluene	13.286	119	4024712	165.622	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	2165278	159.350	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	2090133	155.104	ug/l		100
89) n-Butylbenzene	13.615	91	3505715	163.379	ug/l		99
90) Hexachloroethane	13.877	117	799264	151.487	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1862691	157.101	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	116273	164.099	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	1272621	182.183	ug/l		100
94) Hexachlorobutadiene	15.017	225	711748	163.518	ug/l		98
95) Naphthalene	15.139	128	2277549	204.639	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	1110193	183.206	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 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

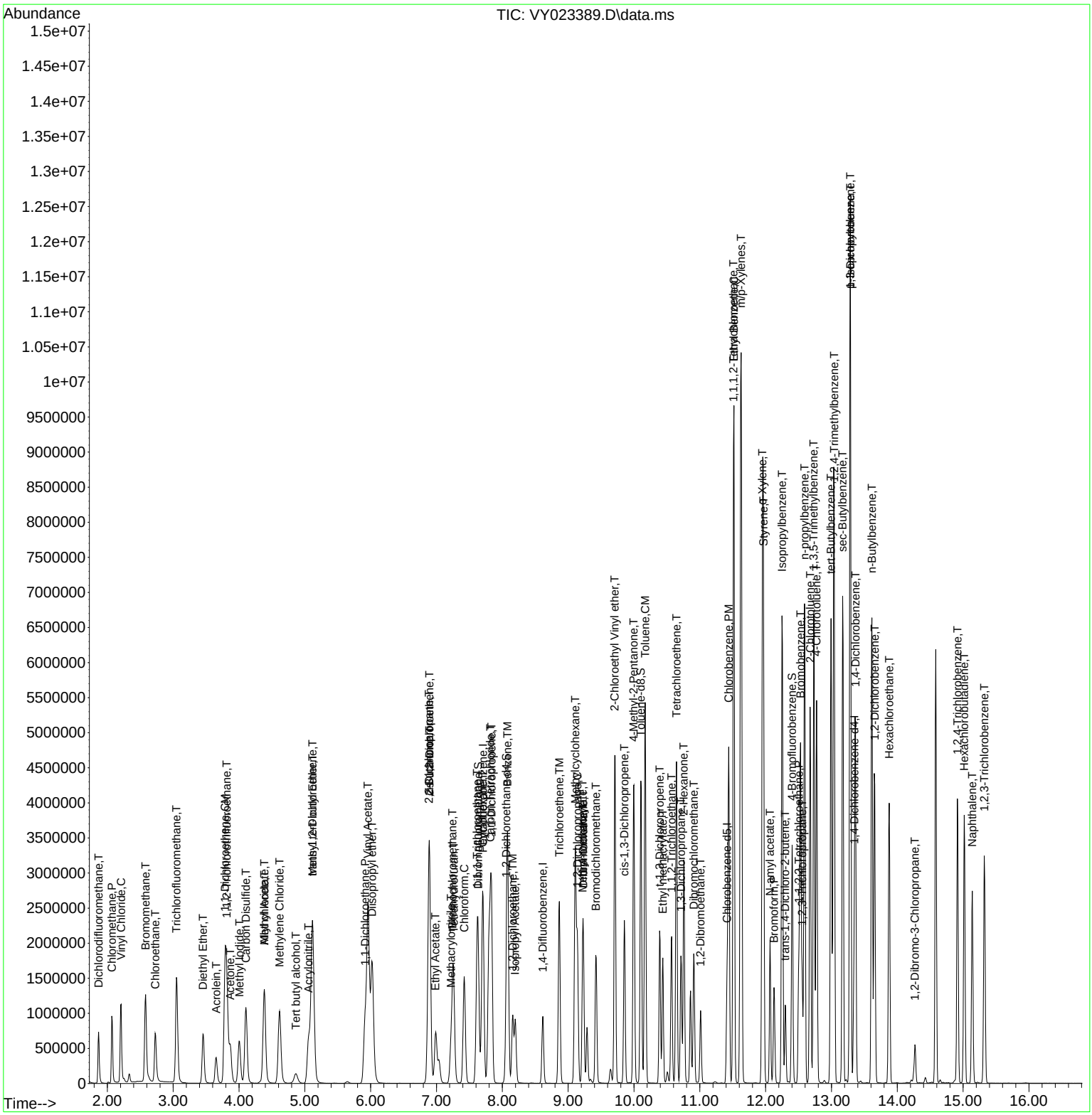
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

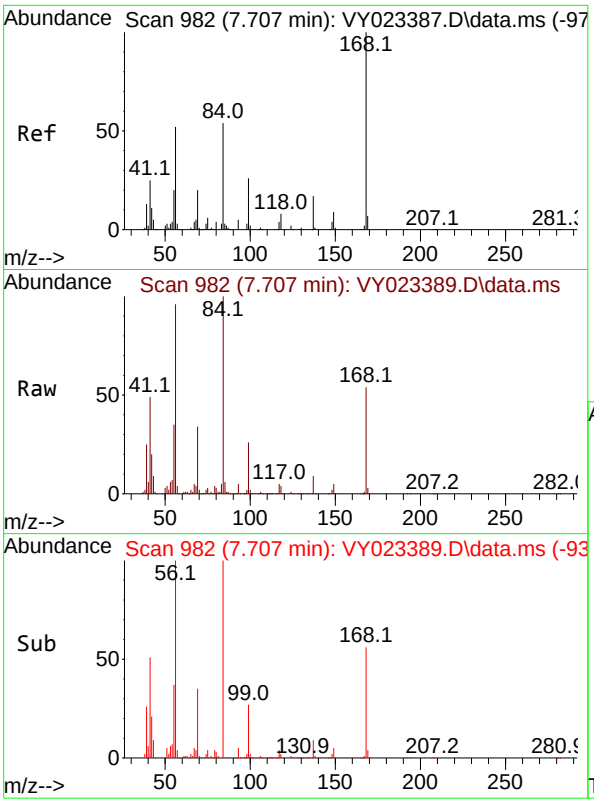
Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

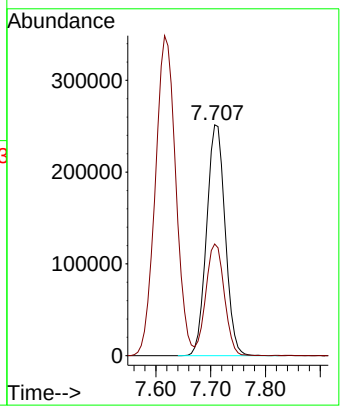




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:168 Resp: 58848

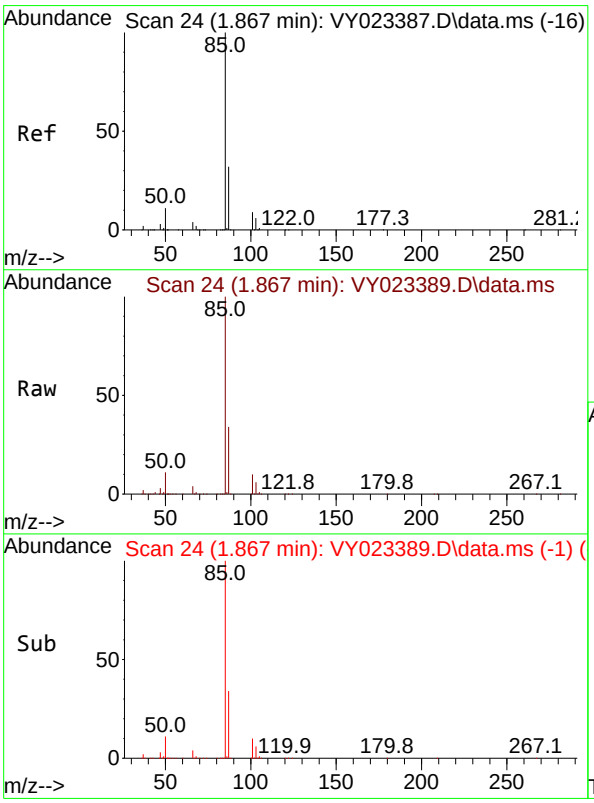
Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

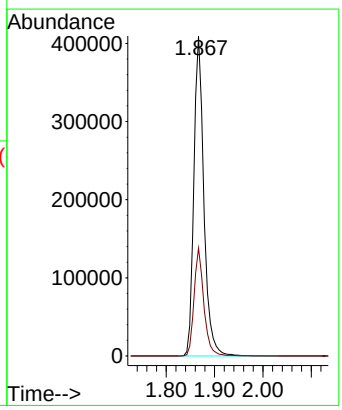
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

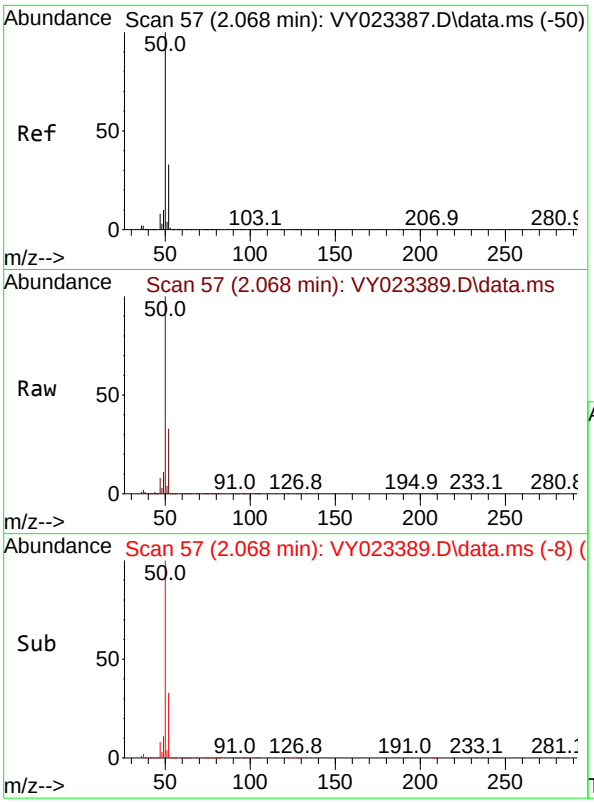


#2
Dichlorodifluoromethane
Concen: 126.766 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 85 Resp: 587619

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.0	47.9

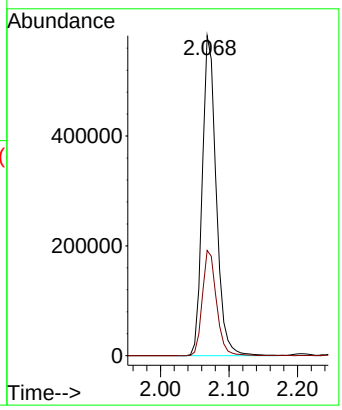




#3
Chloromethane
Concen: 125.233 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 50 Resp: 82516

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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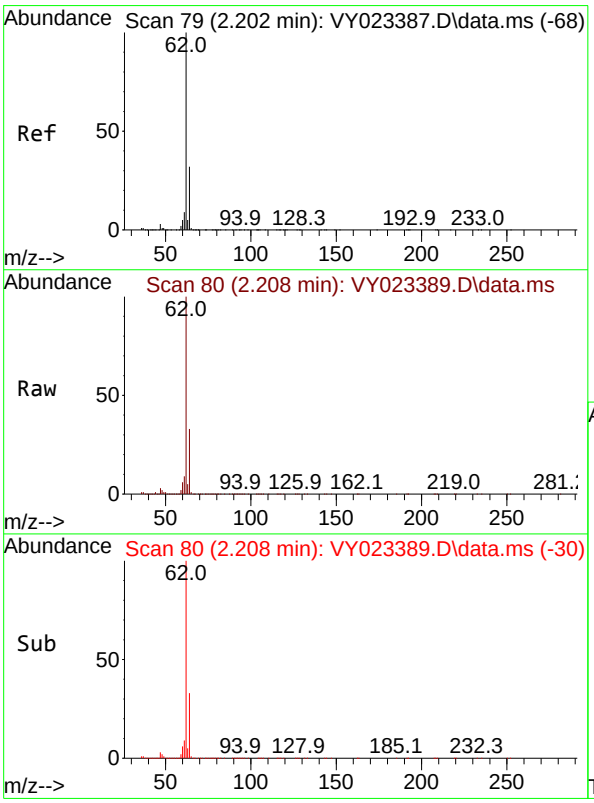
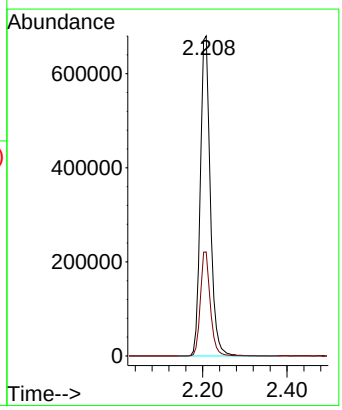
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

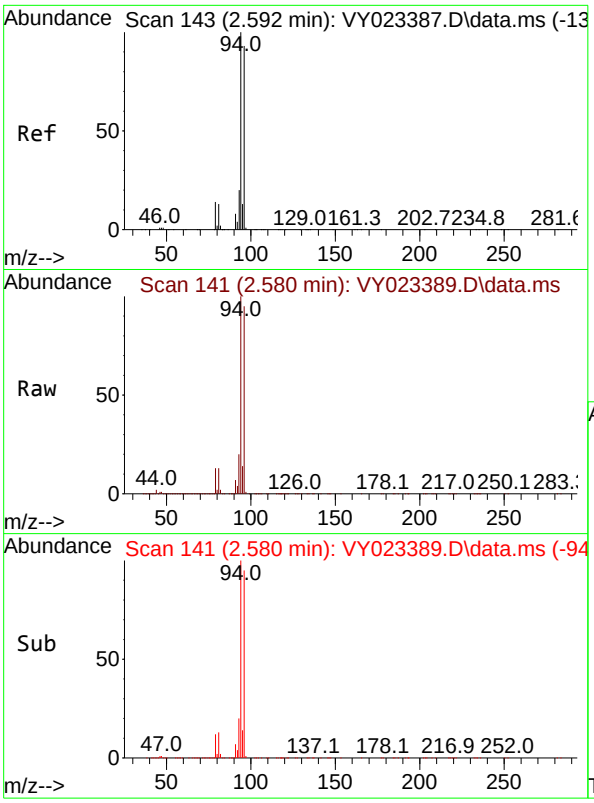


#4
Vinyl Chloride
Concen: 134.387 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 62 Resp: 1118134

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8

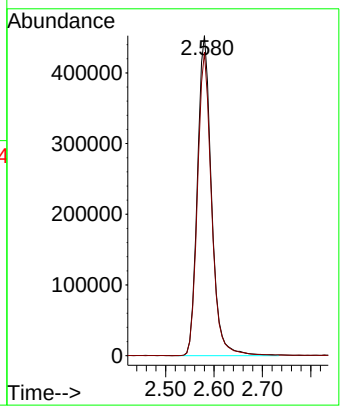




#5
Bromomethane
Concen: 134.118 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 94 Resp: 91538

Ion	Ratio	Lower	Upper
94	100		
96	94.8	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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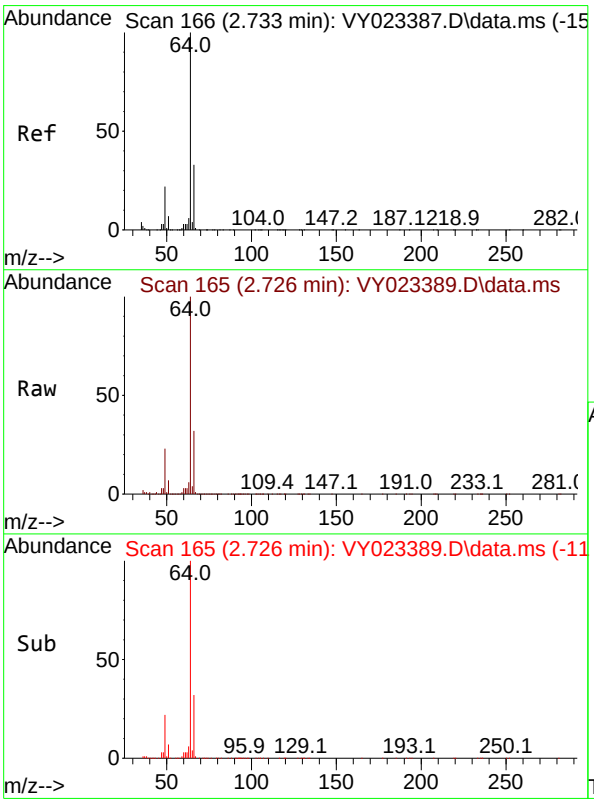
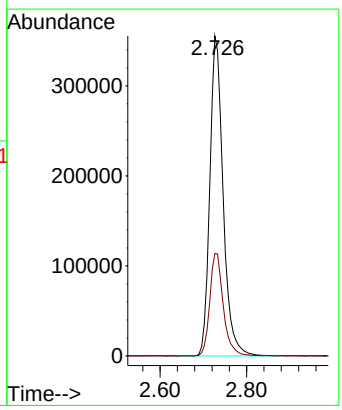
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

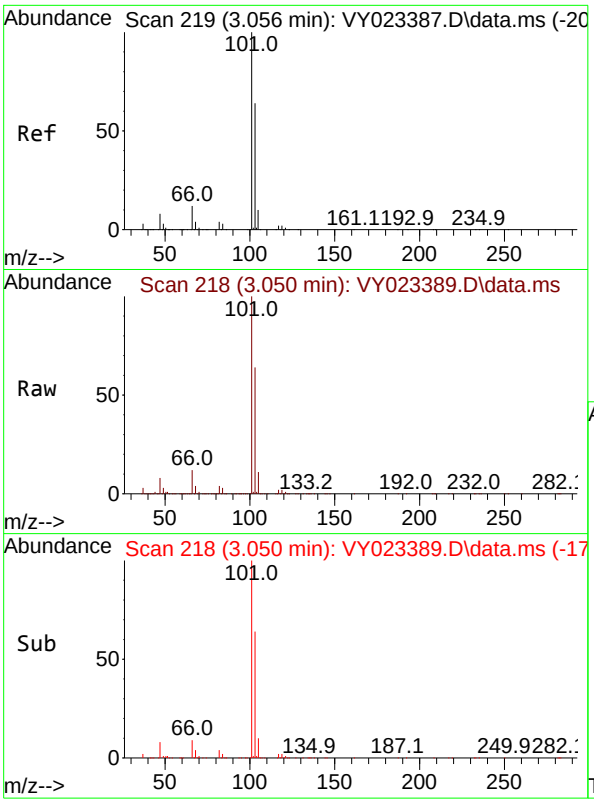


#6
Chloroethane
Concen: 133.994 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 64 Resp: 756912

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4

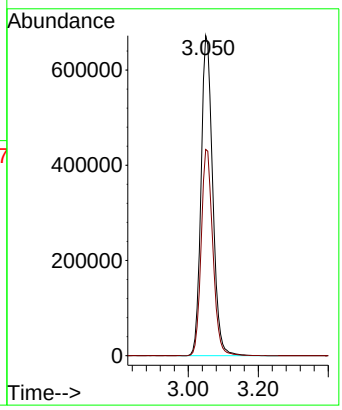




#7
Trichlorofluoromethane
Concen: 144.948 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:101 Resp: 154916

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.3	76.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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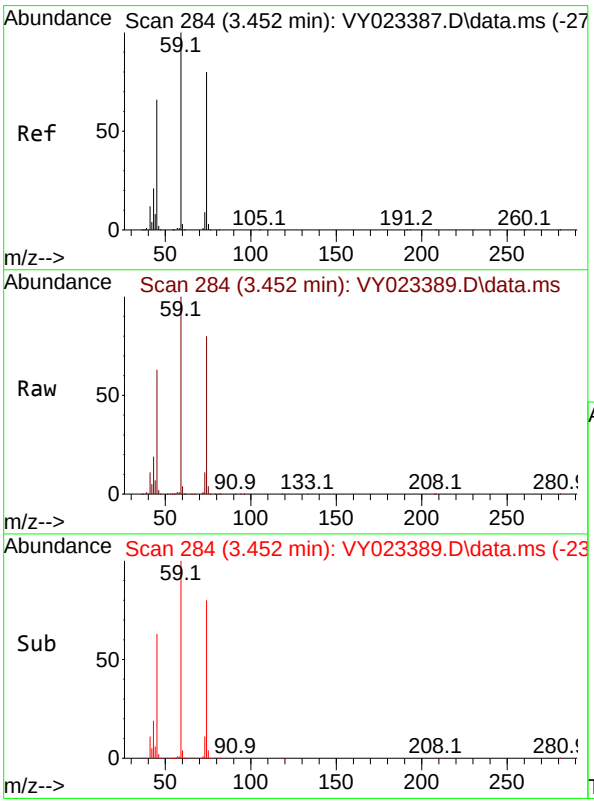
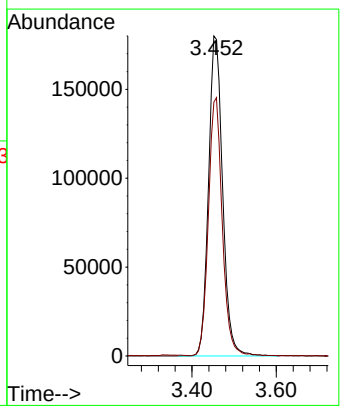
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

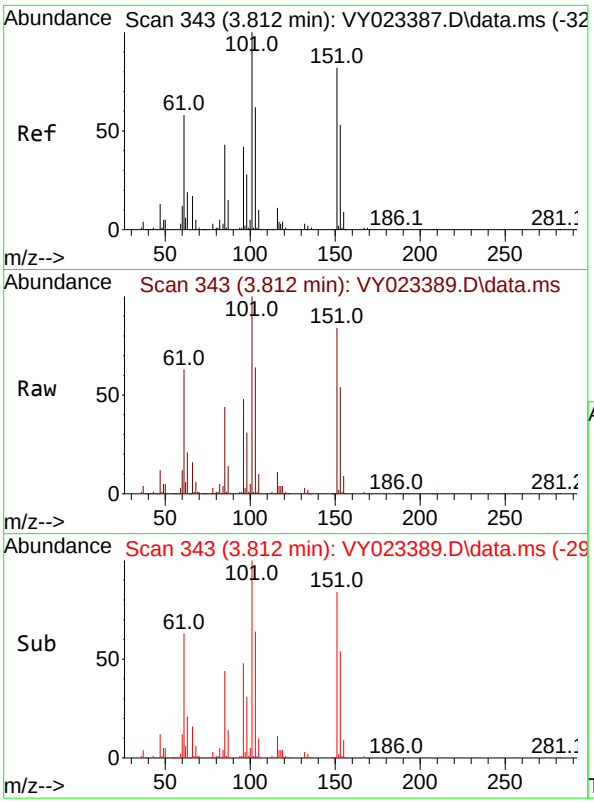


#8
Diethyl Ether
Concen: 149.747 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 74 Resp: 418615

Ion	Ratio	Lower	Upper
74	100		
45	79.7	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.639 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:101 Resp: 78627

Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.6	51.8
151	85.2	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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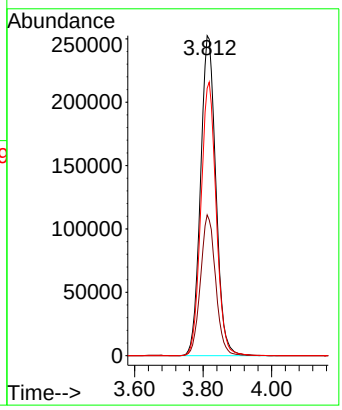
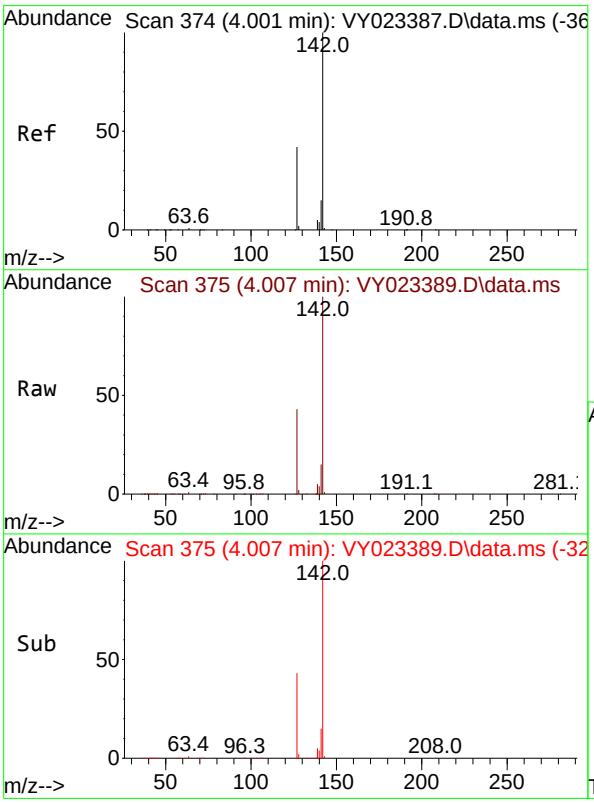
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

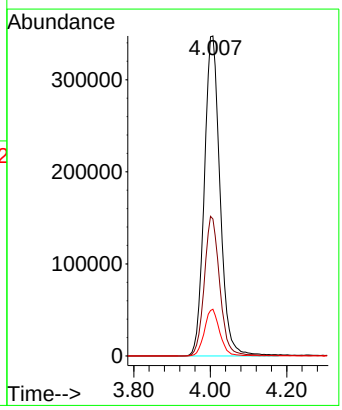


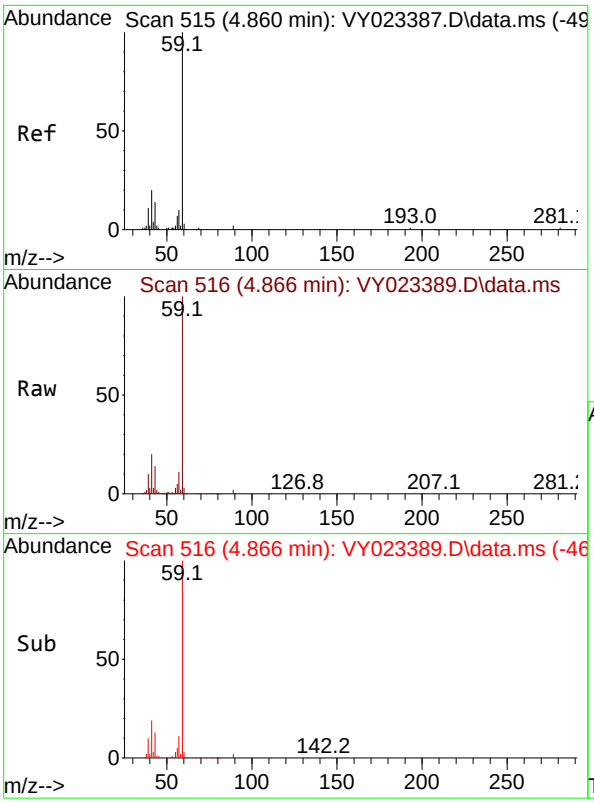


#10
Methyl Iodide
Concen: 150.409 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:142 Resp: 992925

Ion	Ratio	Lower	Upper
142	100		
127	42.8	34.8	52.2
141	14.1	11.6	17.4

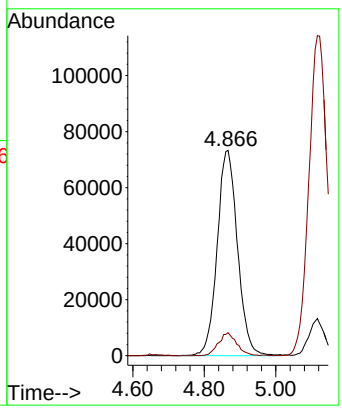




#11
Tert butyl alcohol
Concen: 963.279 ug/l
RT: 4.866 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 59 Resp: 28887

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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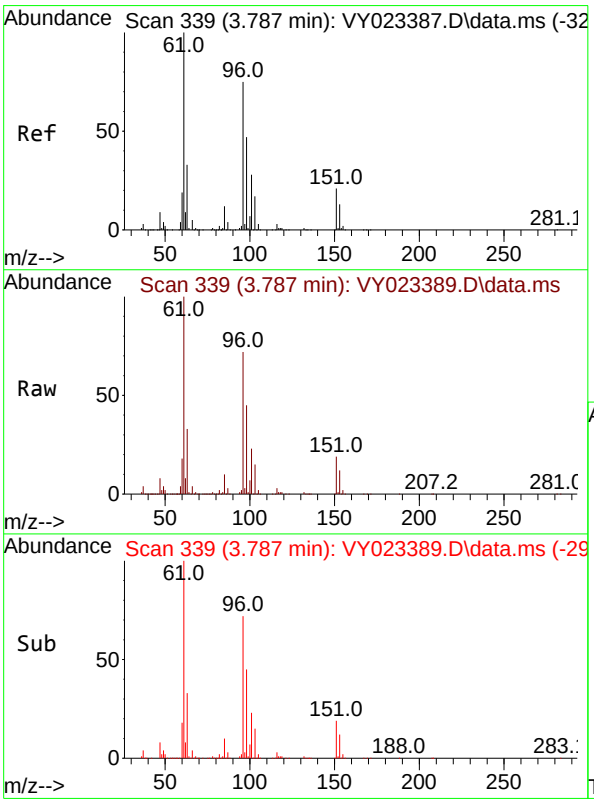
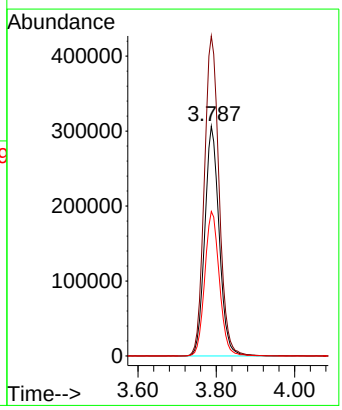
Supervised By :Mahesh Dadoda 10/10/2025

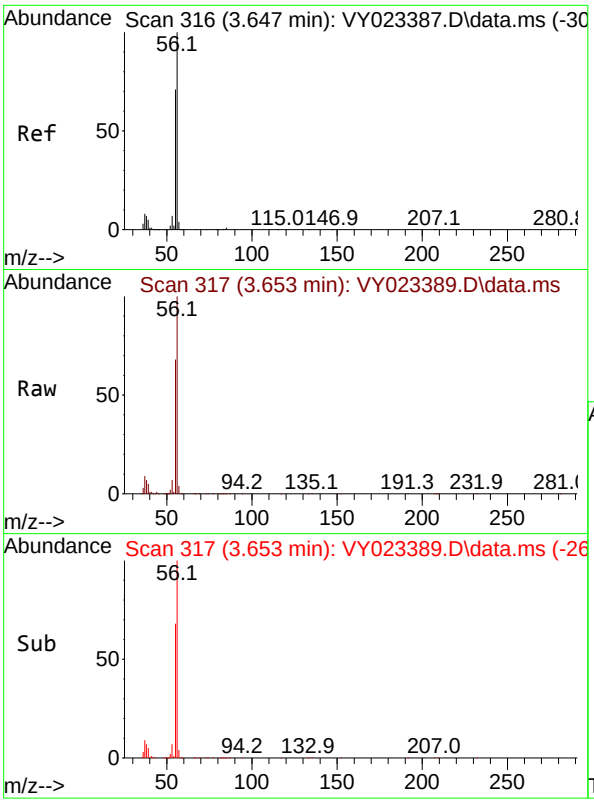


#12
1,1-Dichloroethene
Concen: 142.133 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 96 Resp: 781235

Ion	Ratio	Lower	Upper
96	100		
61	139.3	106.7	160.1
98	62.9	50.2	75.4

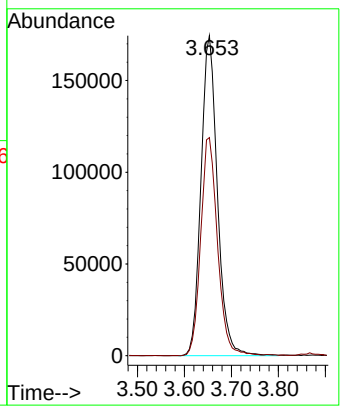




#13
Acrolein
Concen: 833.323 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 56 Resp: 42341

Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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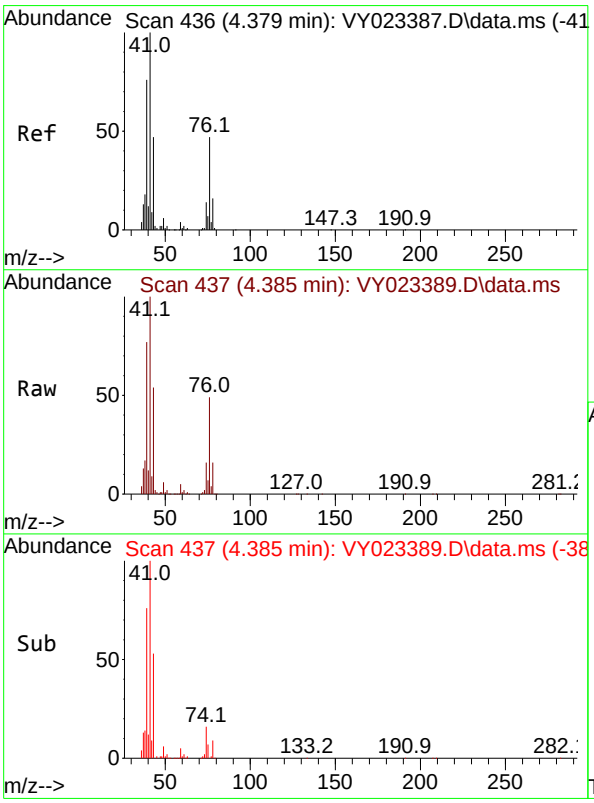
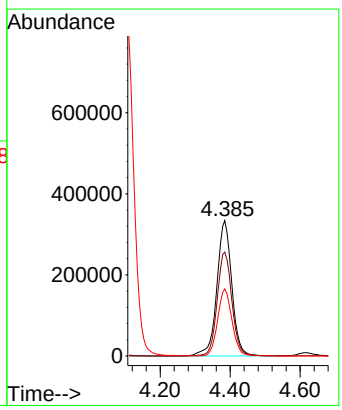
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

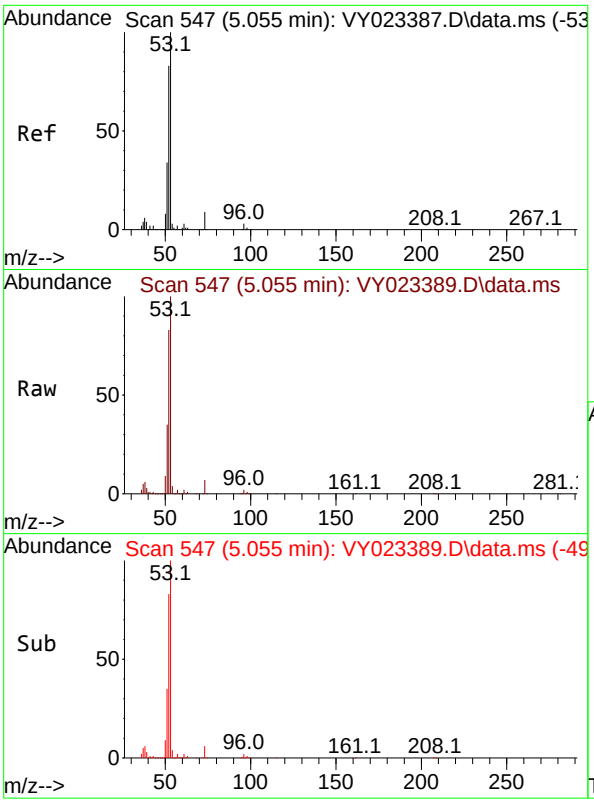


#14
Allyl chloride
Concen: 143.628 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 41 Resp: 988378

Ion	Ratio	Lower	Upper
41	100		
39	75.6	59.9	89.9
76	47.2	38.0	57.0

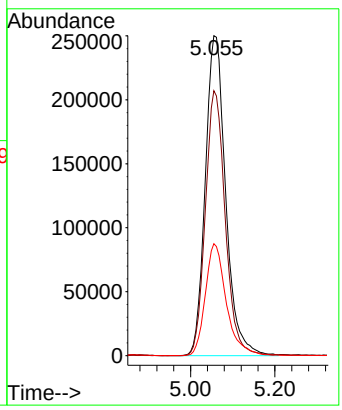




#15
Acrylonitrile
Concen: 768.735 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 53 Resp: 84185

Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.6	97.0
51	36.0	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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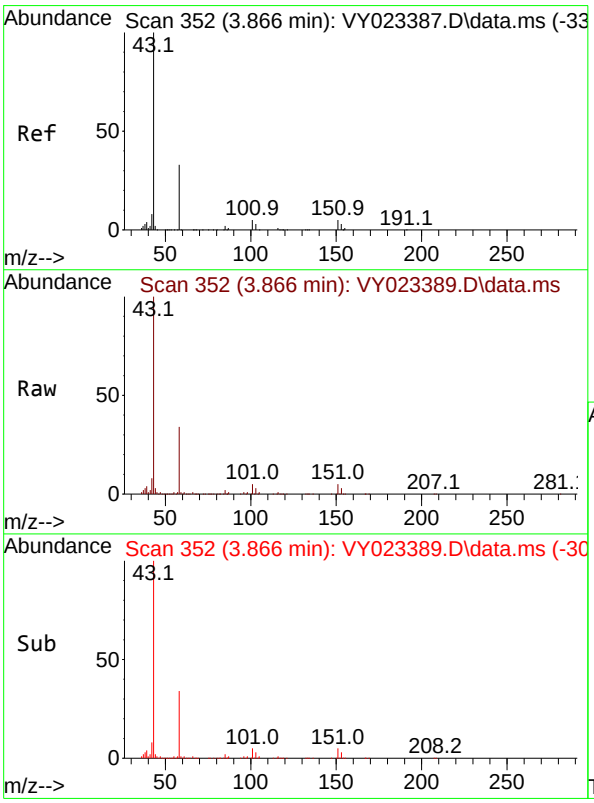
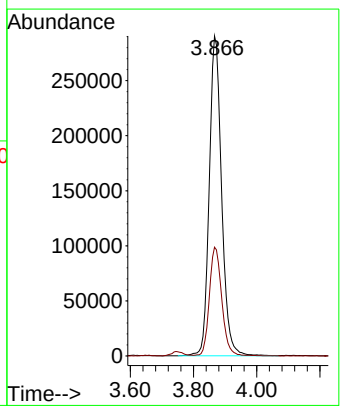
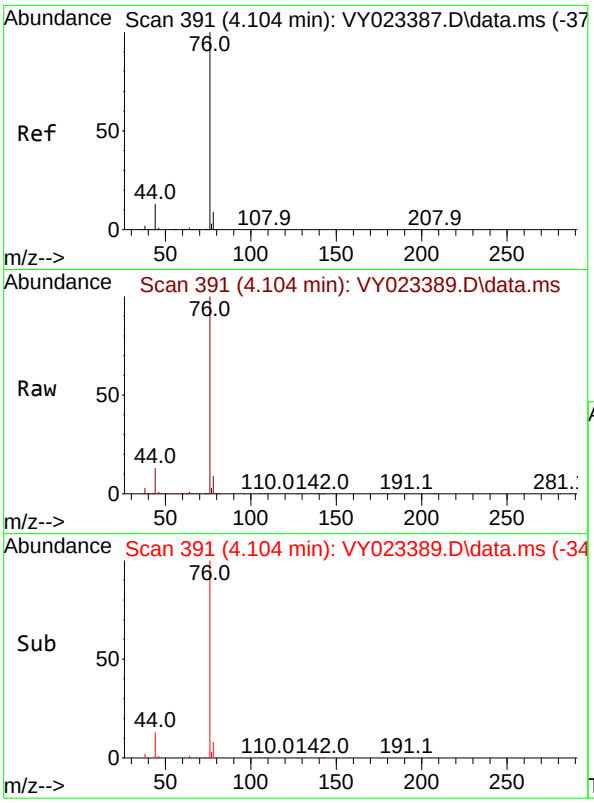


#16
Acetone
Concen: 689.040 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 789668

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.7	41.5

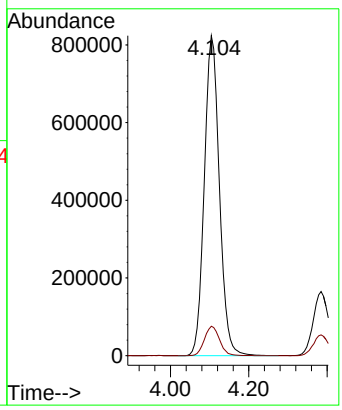




#17
Carbon Disulfide
Concen: 128.252 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 76 Resp: 219933

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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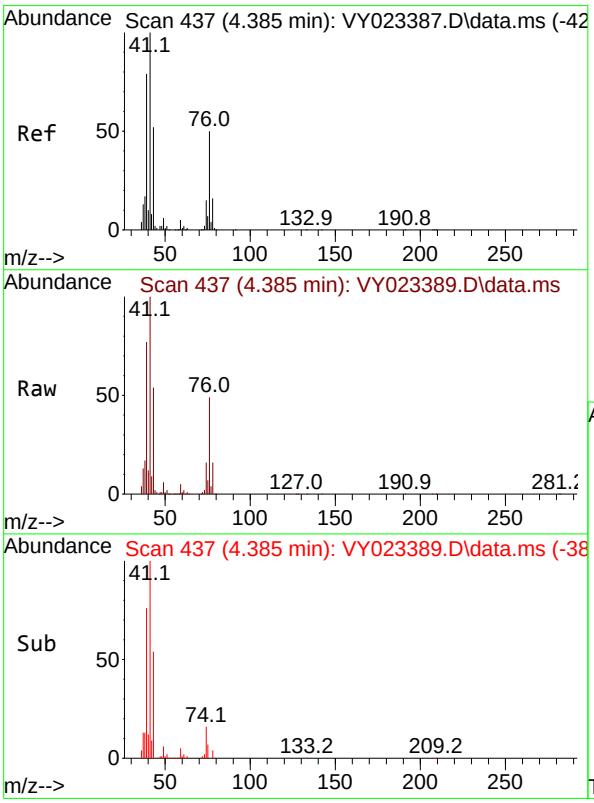
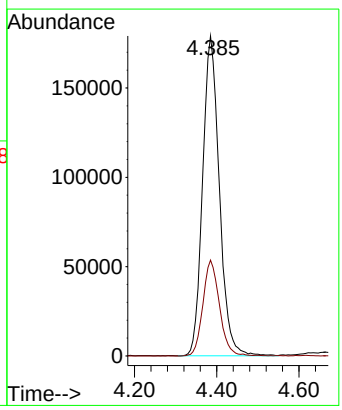
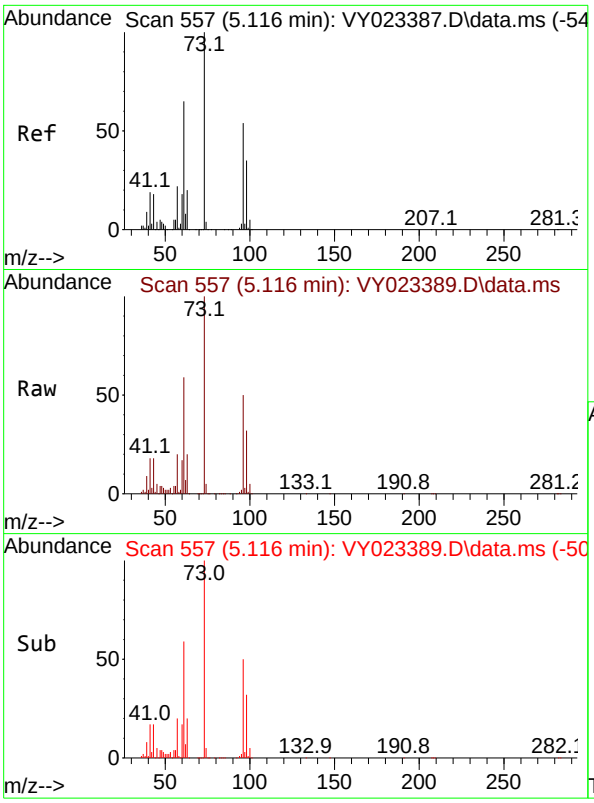


#18
Methyl Acetate
Concen: 173.497 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 505344

Ion	Ratio	Lower	Upper
43	100		
74	29.7	24.2	36.4

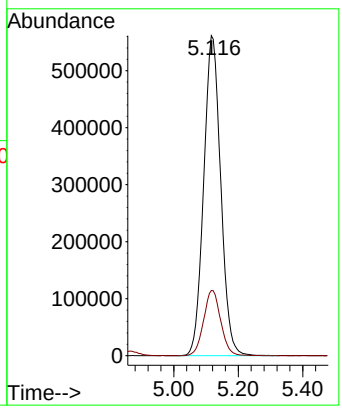




#19
Methyl tert-butyl Ether
Concen: 159.802 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 73 Resp: 205653

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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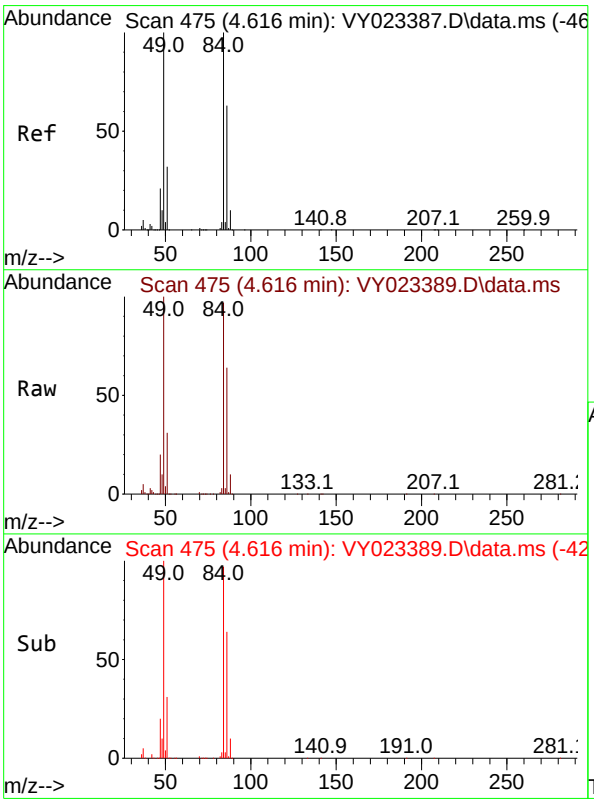
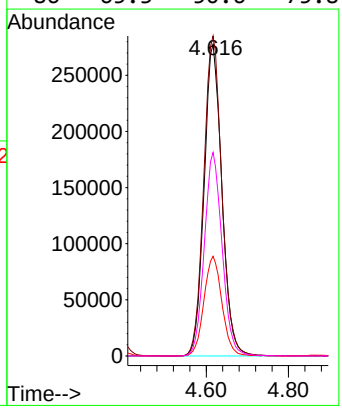
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

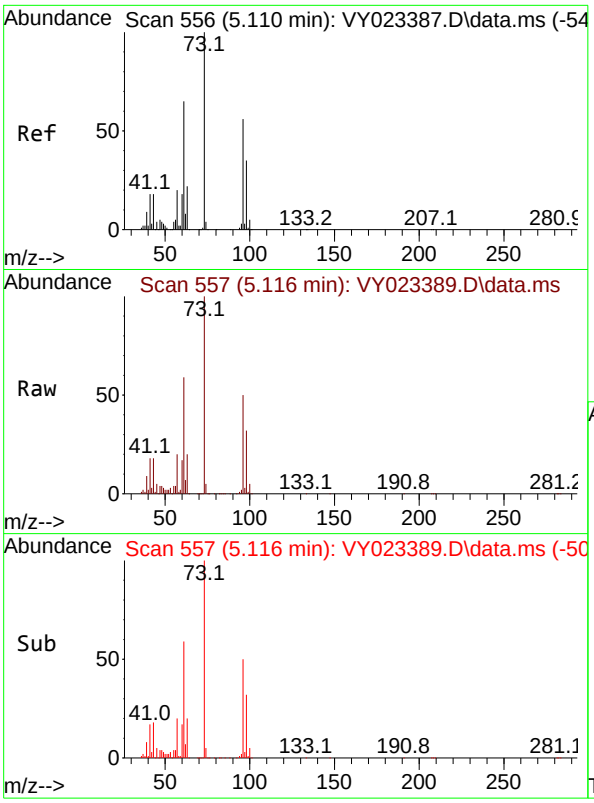


#20
Methylene Chloride
Concen: 134.365 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 84 Resp: 835005

Ion	Ratio	Lower	Upper
84	100		
49	102.7	80.2	120.4
51	31.9	25.9	38.9
86	65.3	50.6	75.8

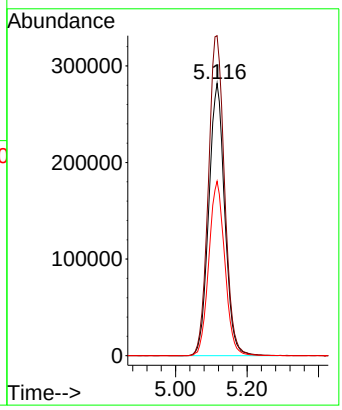




#21
trans-1,2-Dichloroethene
Concen: 142.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 96 Resp: 87138

Ion	Ratio	Lower	Upper
96	100		
61	117.5	92.7	139.1
98	64.1	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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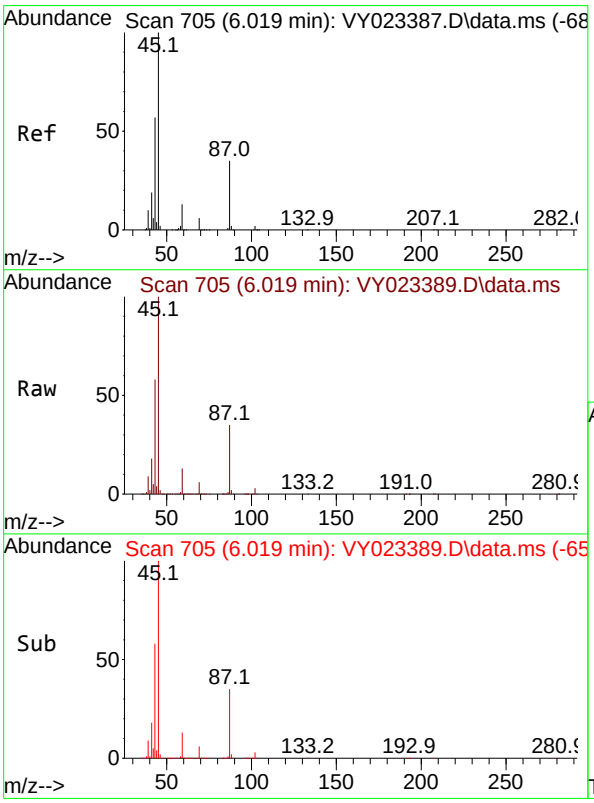
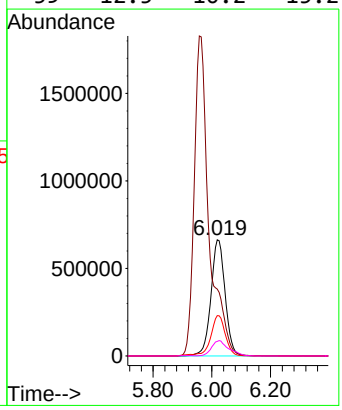
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

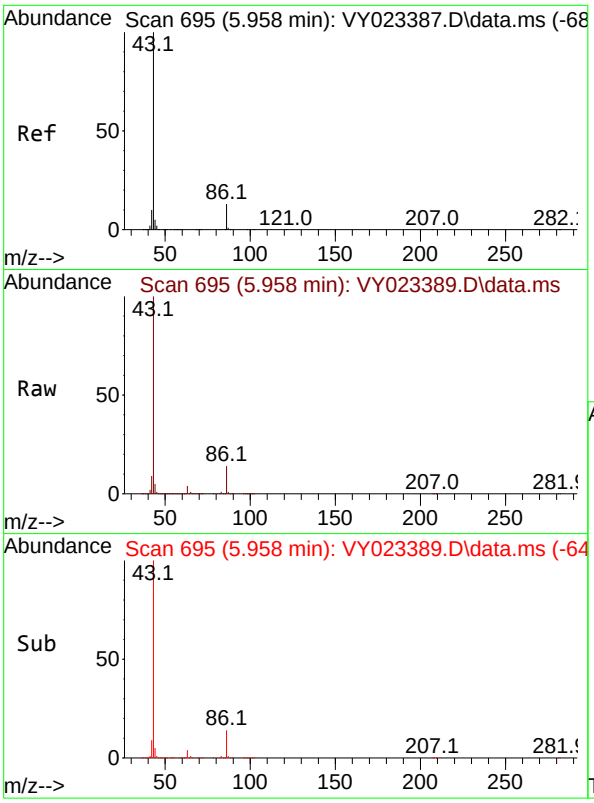


#22
Diisopropyl ether
Concen: 145.375 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 45 Resp: 2218430

Ion	Ratio	Lower	Upper
45	100		
43	57.6	45.6	68.4
87	34.7	28.1	42.1
59	12.5	10.2	15.2





#23
Vinyl Acetate
Concen: 760.246 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 637704

Ion	Ratio	Lower	Upper
43	100		
86	13.6	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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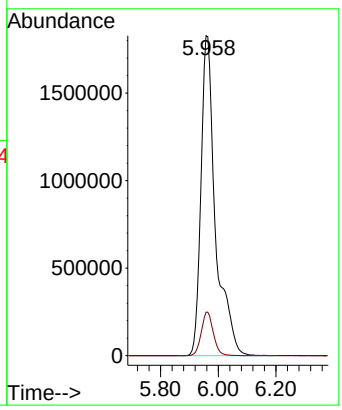
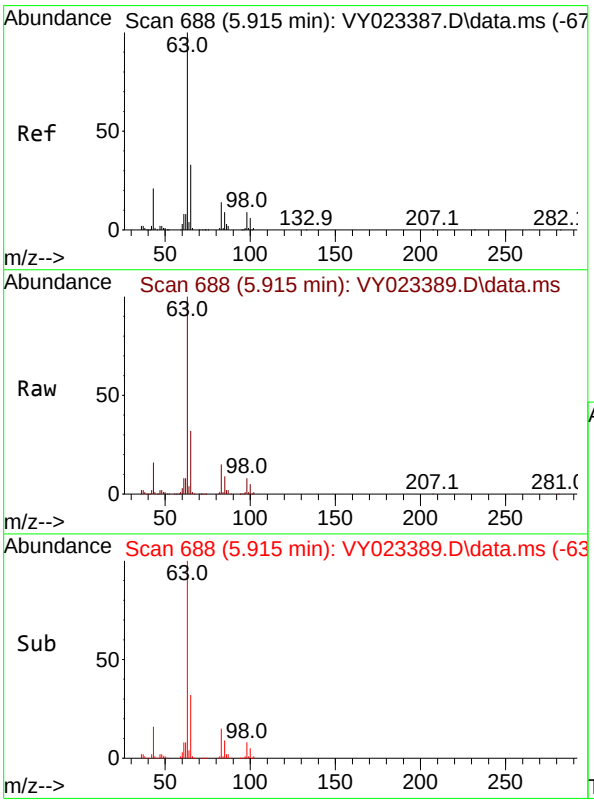
Supervised By :Mahesh Dadoda 10/10/2025

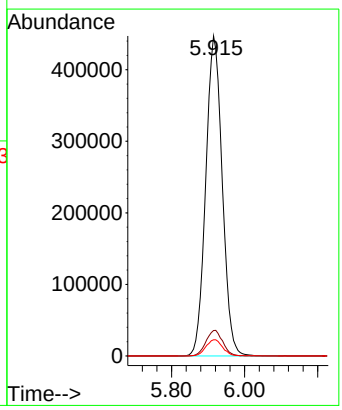


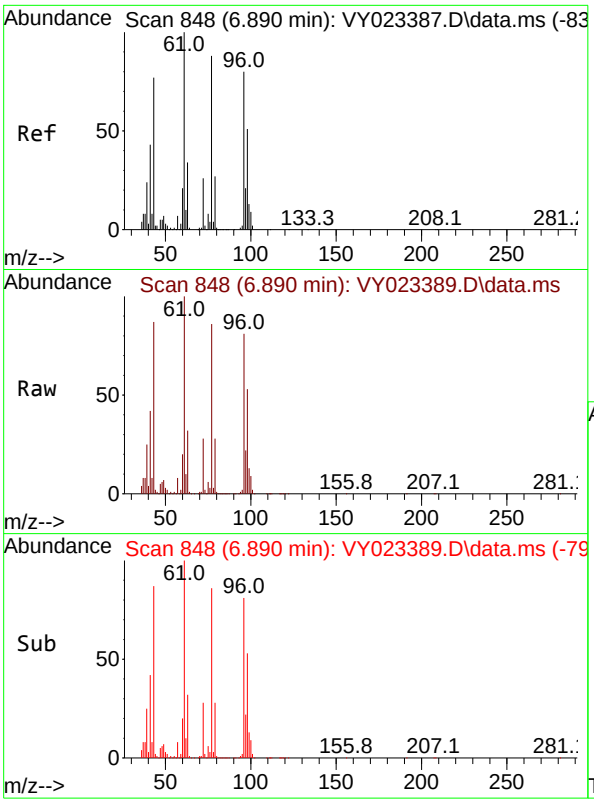


#24
1,1-Dichloroethane
Concen: 139.024 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 63 Resp: 1398477

Ion	Ratio	Lower	Upper
63	100		
98	8.0	4.3	13.1
100	5.0	2.8	8.4





#25
2-Butanone
Concen: 788.091 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 111634

Ion	Ratio	Lower	Upper
43	100		
72	32.3	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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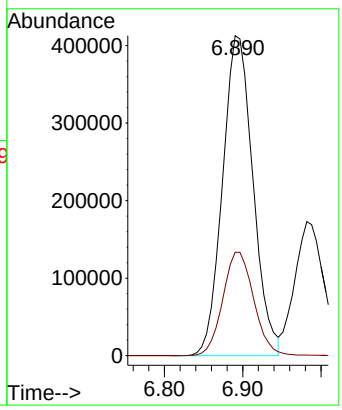
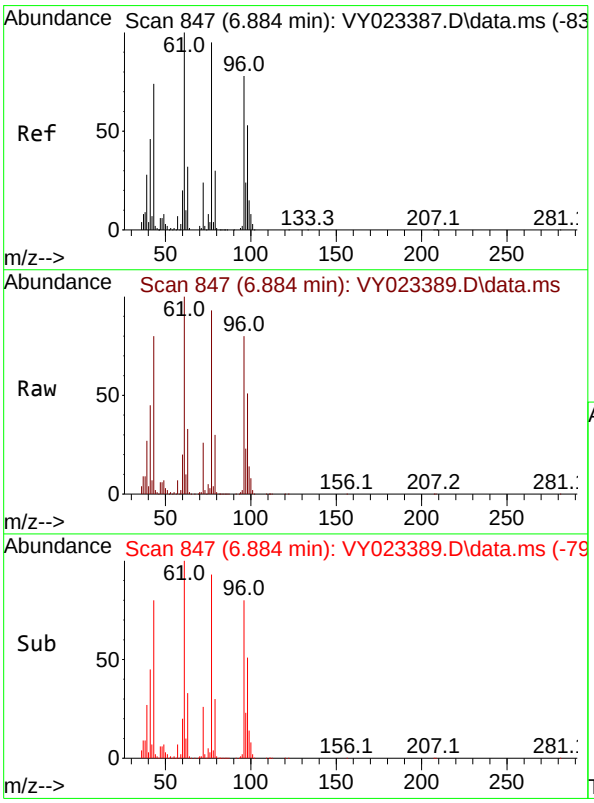
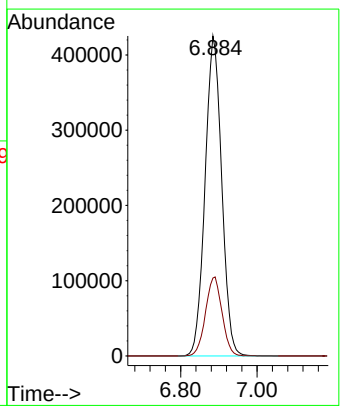


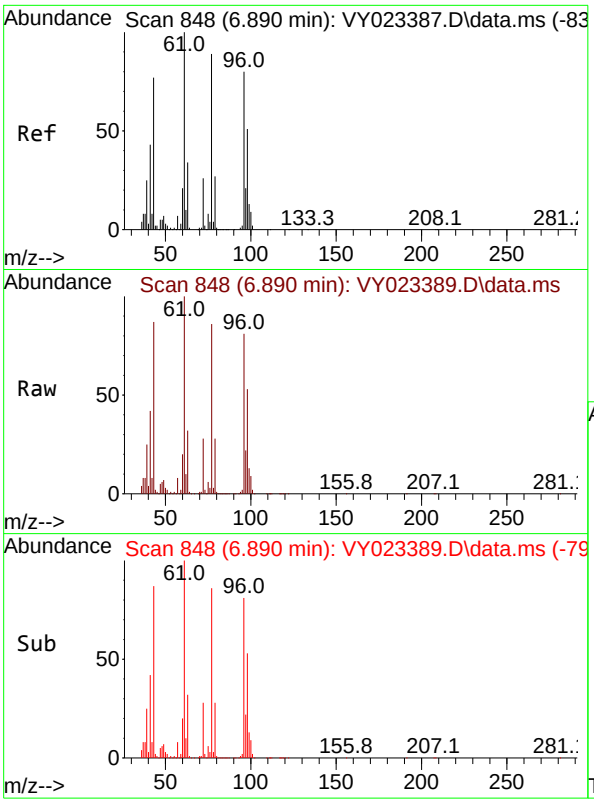


#26
2,2-Dichloropropane
Concen: 143.391 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 77 Resp: 1281633

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 150.505 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 96 Resp: 104357

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	258.2
98	65.0	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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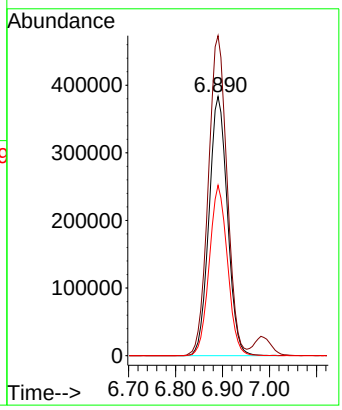
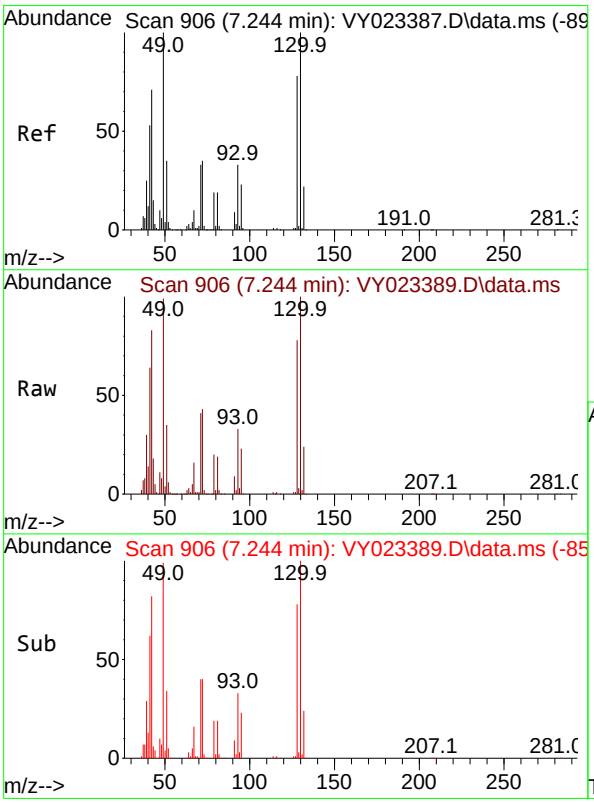
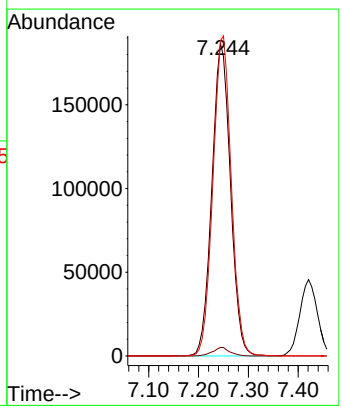


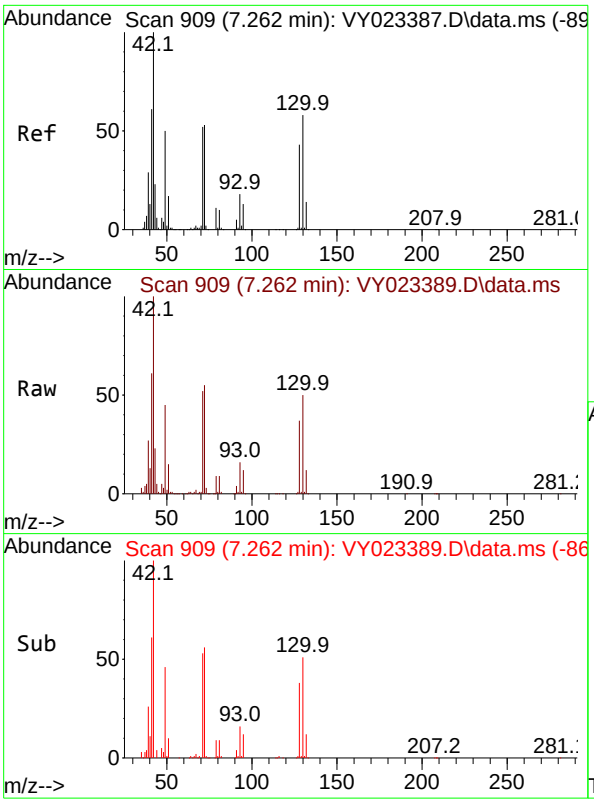


#28
Bromochloromethane
Concen: 123.567 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 49 Resp: 482210

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	101.2	81.9	122.9

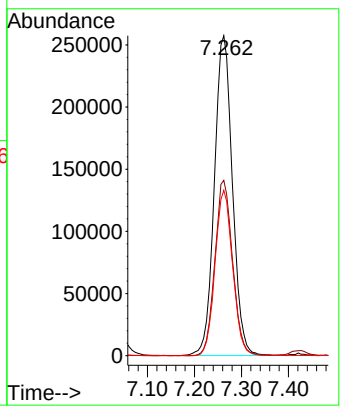




#29
Tetrahydrofuran
Concen: 817.972 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 42 Resp: 68771(

Ion	Ratio	Lower	Upper
42	100		
72	53.9	43.0	64.6
71	50.4	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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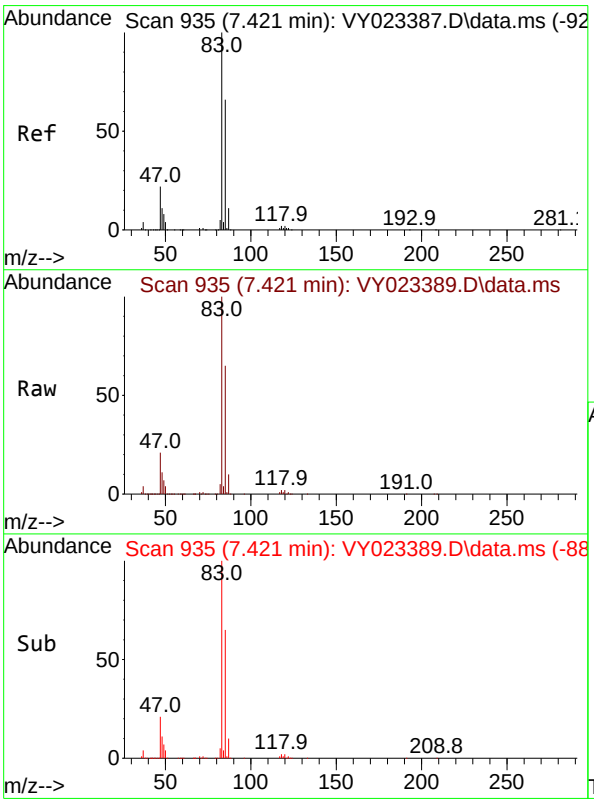
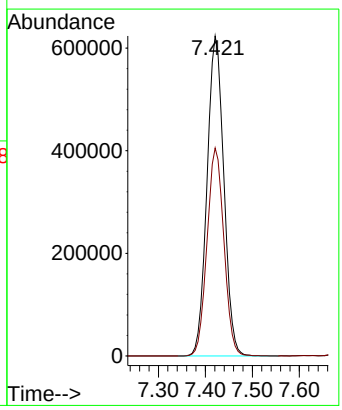
Supervised By :Mahesh Dadoda 10/10/2025

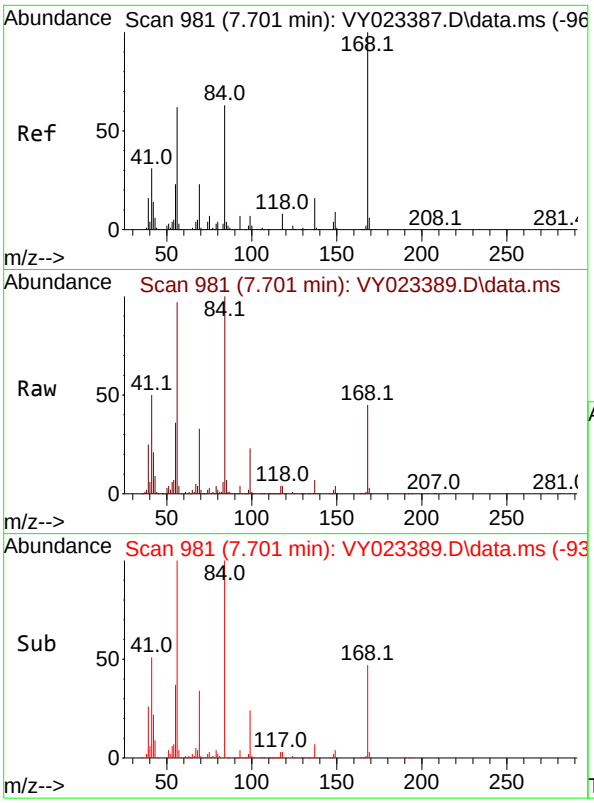


#30
Chloroform
Concen: 142.221 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 83 Resp: 1542715

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7

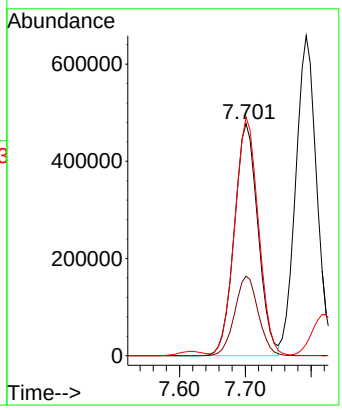




#31
Cyclohexane
Concen: 134.268 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 56 Resp: 119277

Ion	Ratio	Lower	Upper
56	100		
69	34.2	30.0	45.0
84	101.7	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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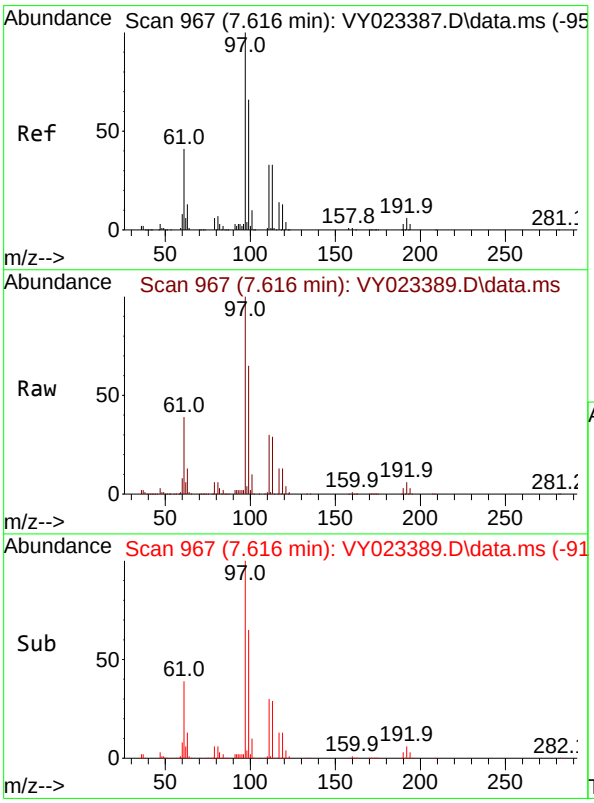
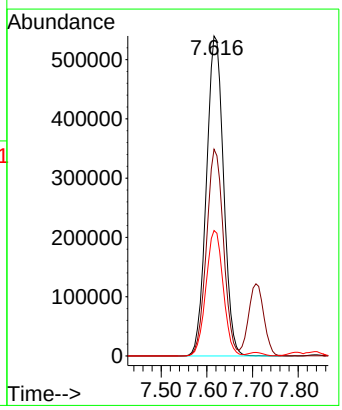
Supervised By :Mahesh Dadoda 10/10/2025

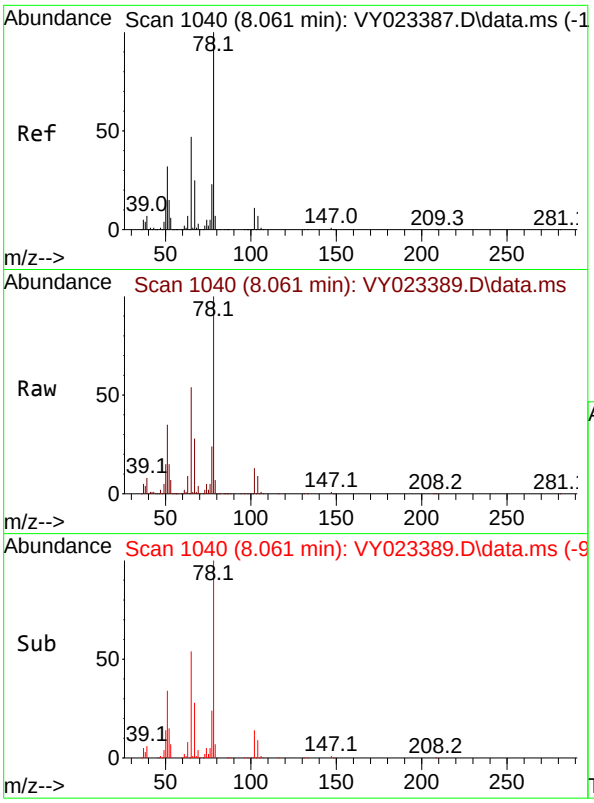


#32
1,1,1-Trichloroethane
Concen: 144.305 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 97 Resp: 1405131

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.5	31.9	47.9

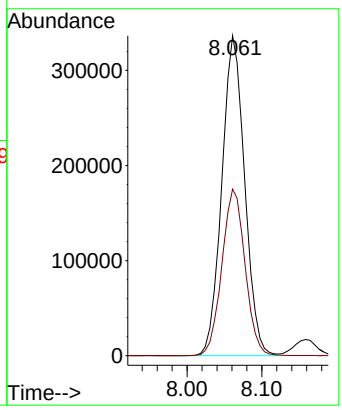




#33
1,2-Dichloroethane-d4
Concen: 140.236 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 65 Resp: 71473

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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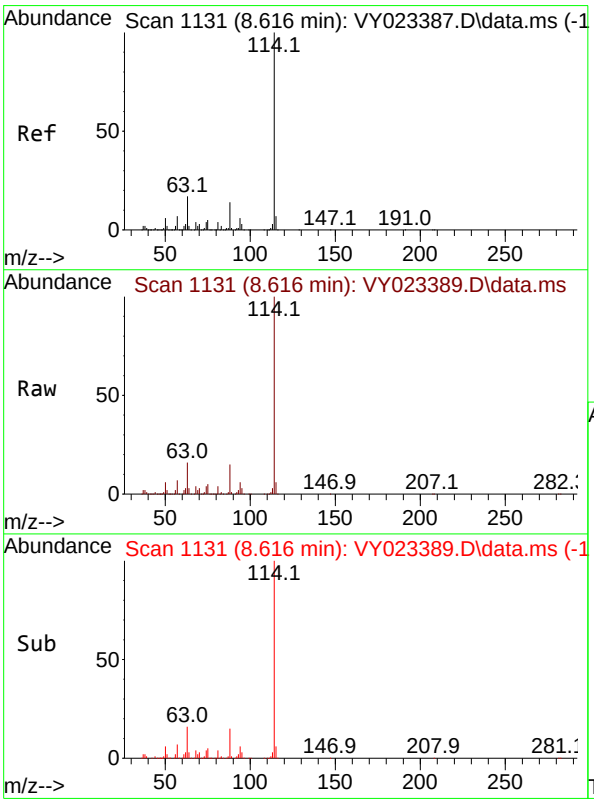
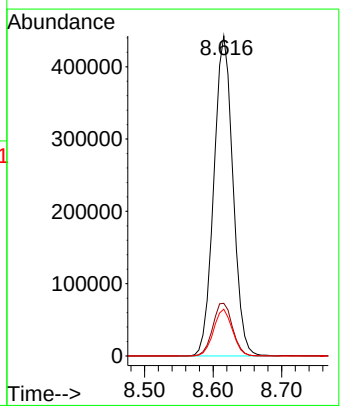
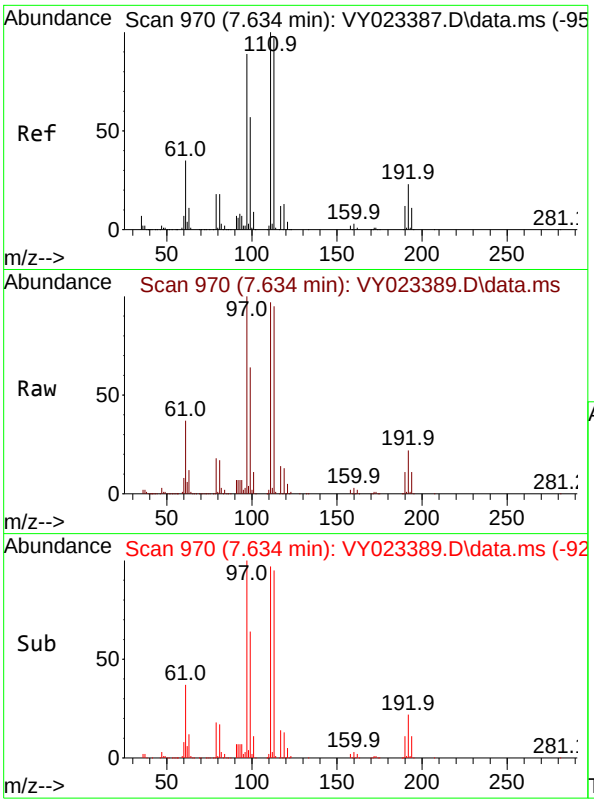


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:114 Resp: 855488

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	34.2
88	14.6	0.0	28.4





#35
Dibromofluoromethane
Concen: 149.977 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:113 Resp: 77863

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.7	18.0	27.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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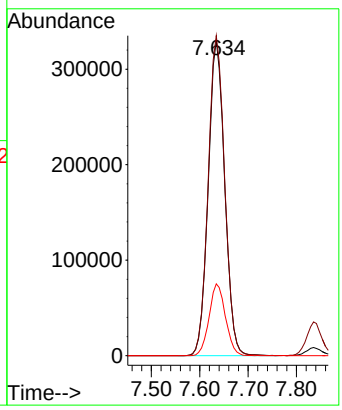
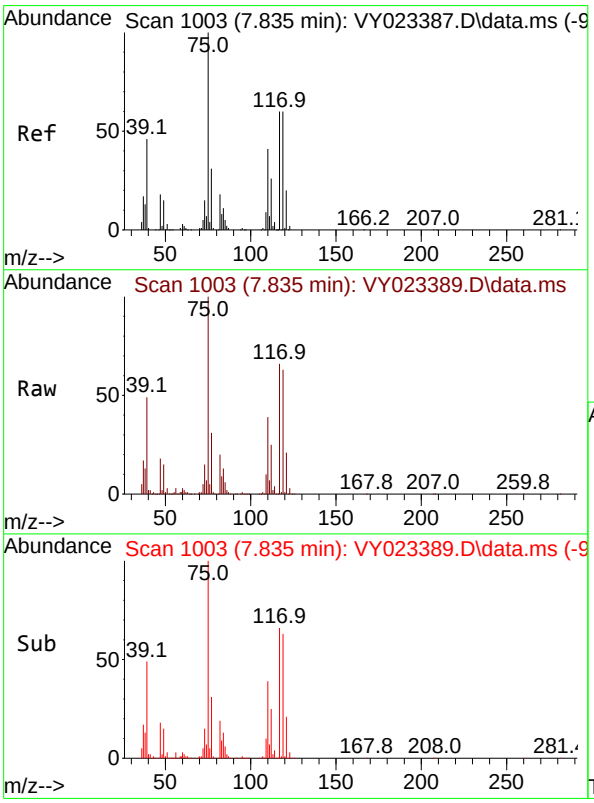
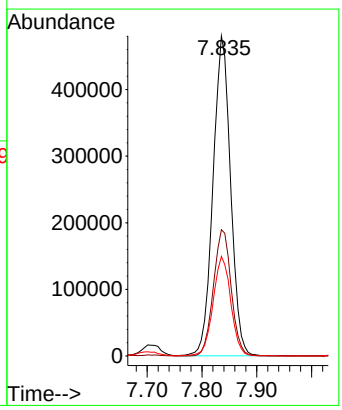


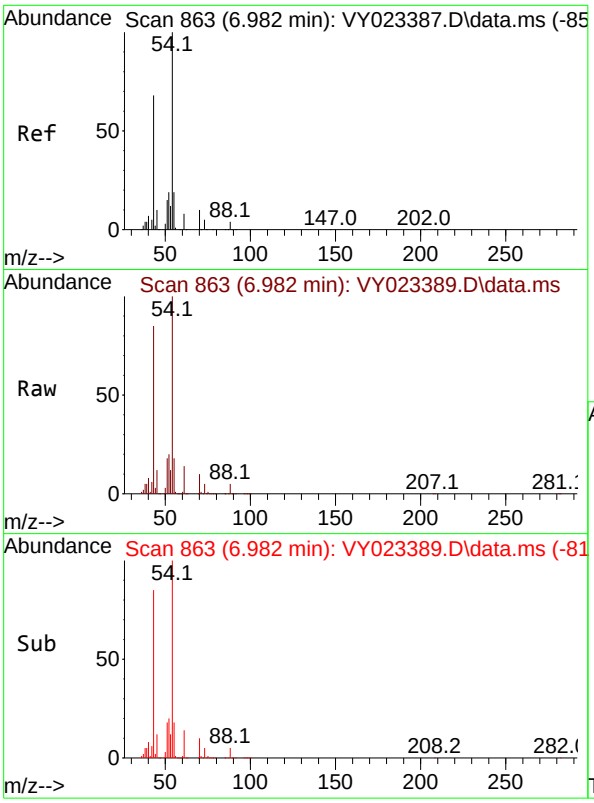


#36
1,1-Dichloropropene
Concen: 146.031 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 1069665

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.9	59.7
77	31.4	25.0	37.6





#37
Ethyl Acetate
Concen: 158.853 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 46002

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	12.7	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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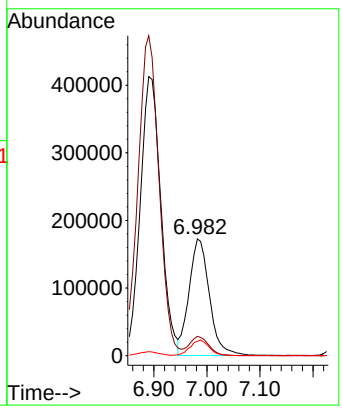
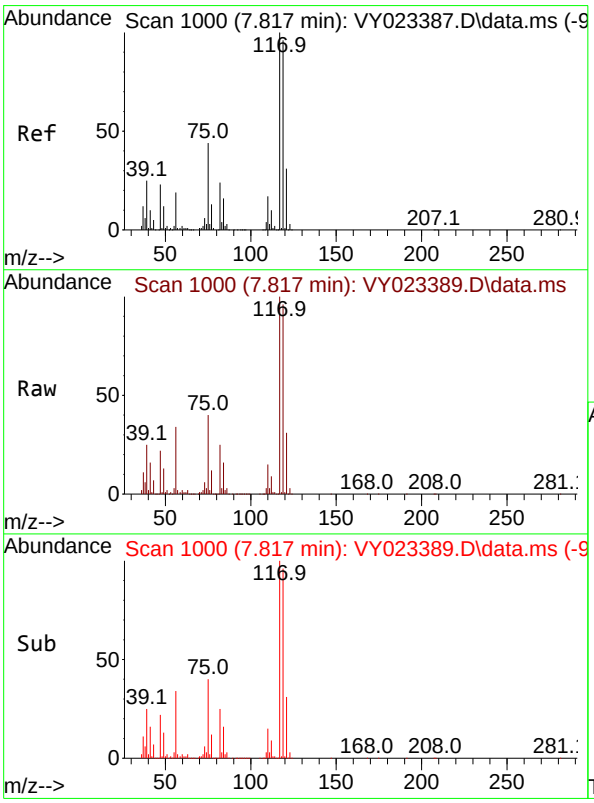
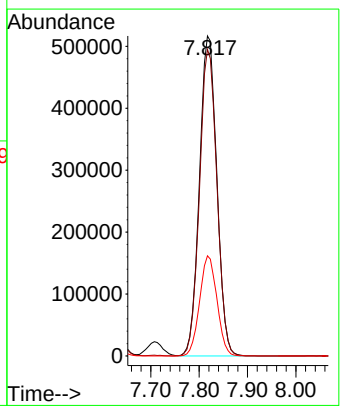


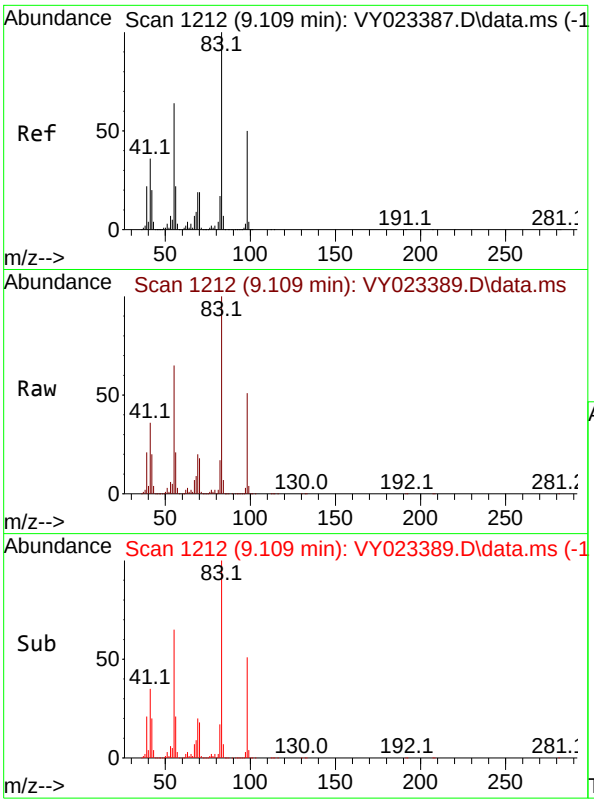


#38
Carbon Tetrachloride
Concen: 151.646 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:117 Resp: 1290353

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
121	31.3	24.5	36.7





#39
Methylcyclohexane
Concen: 159.580 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 83 Resp: 149661

Ion	Ratio	Lower	Upper
83	100		
55	65.2	51.4	77.2
98	51.2	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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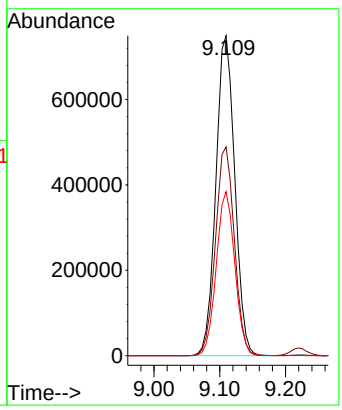
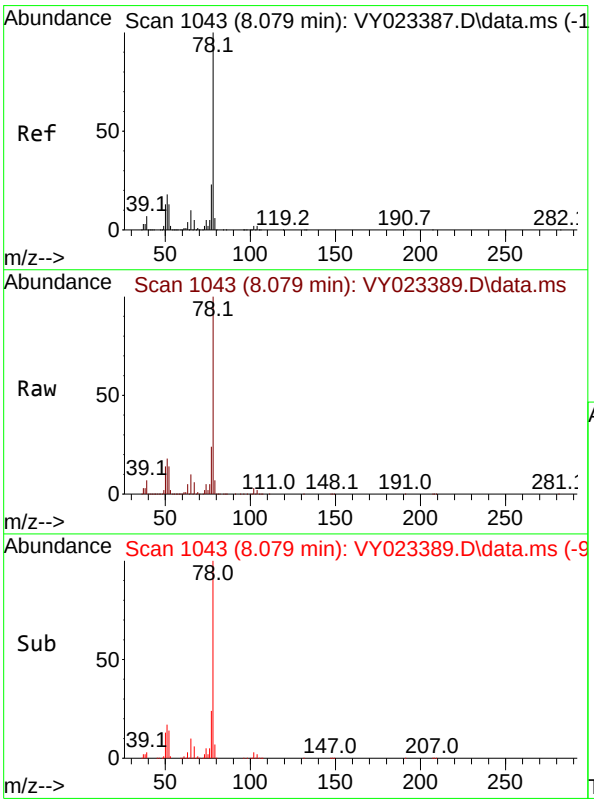
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

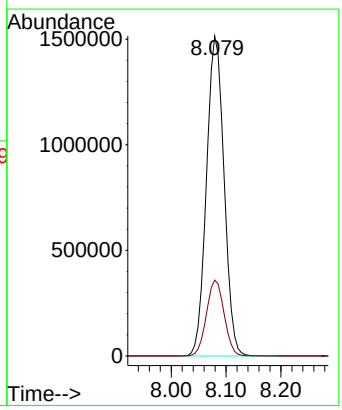


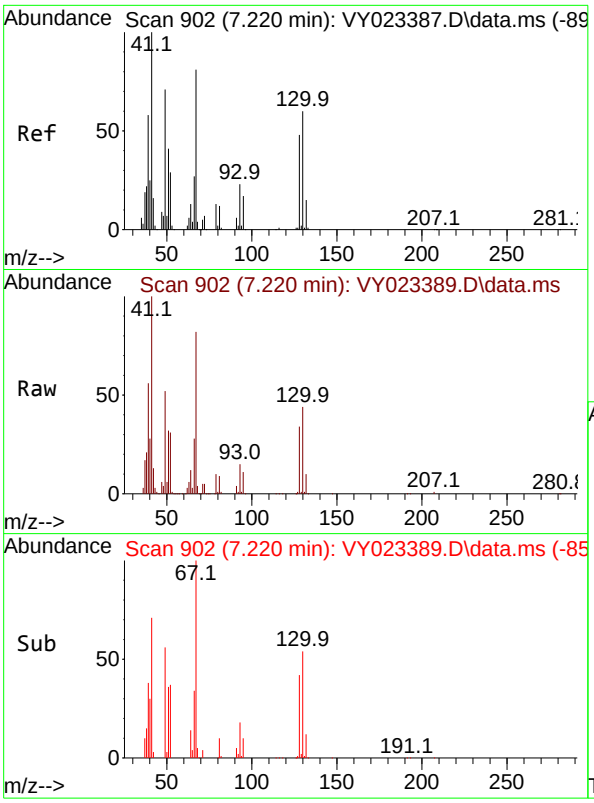


#40
Benzene
Concen: 147.442 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 78 Resp: 3366812

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5

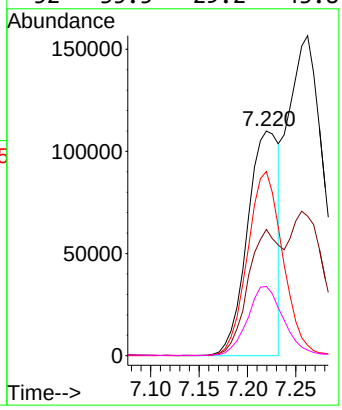




#41
Methacrylonitrile
Concen: 164.212 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 41 Resp: 24697

Ion	Ratio	Lower	Upper
41	100		
39	61.7	52.2	78.4
67	93.3	74.9	112.3
52	35.5	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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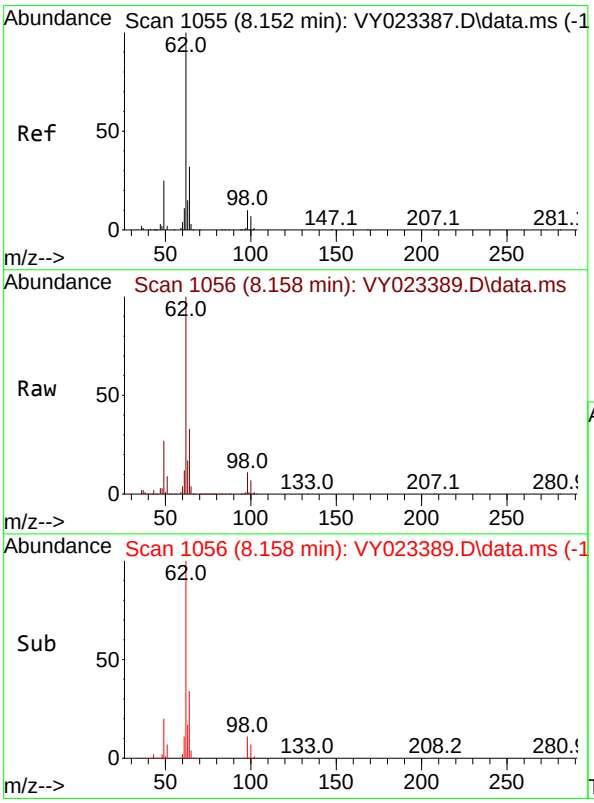
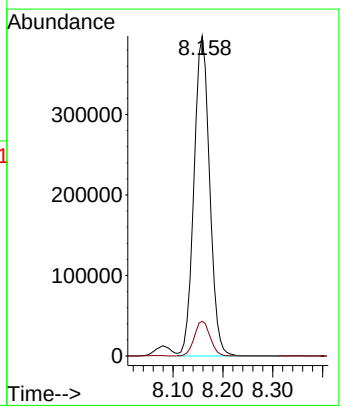
Supervised By :Mahesh Dadoda 10/10/2025

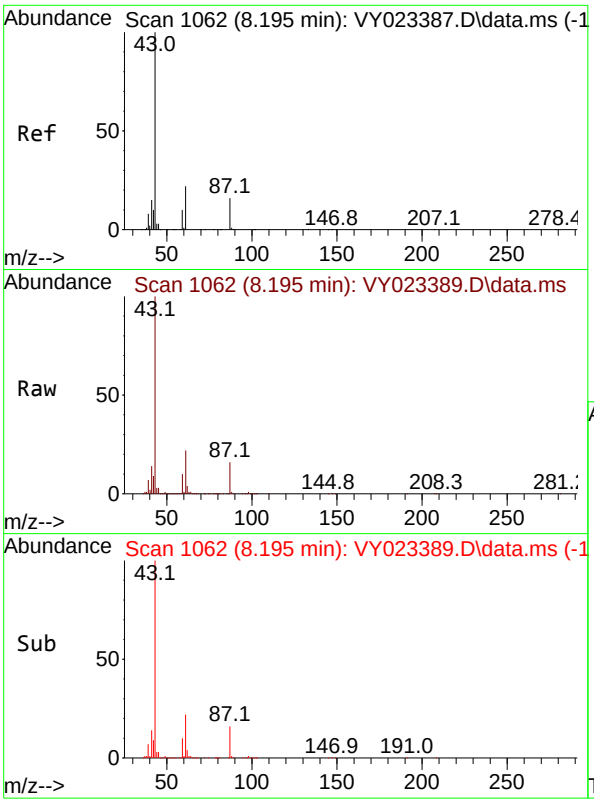


#42
1,2-Dichloroethane
Concen: 149.063 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 62 Resp: 866250

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6

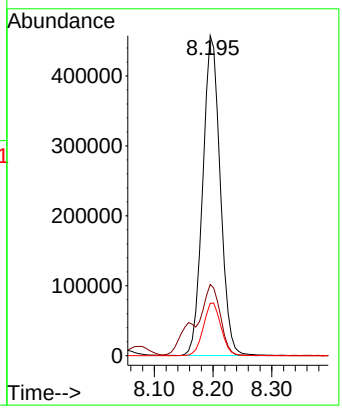




#43
Isopropyl Acetate
Concen: 167.955 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 94608

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	16.7	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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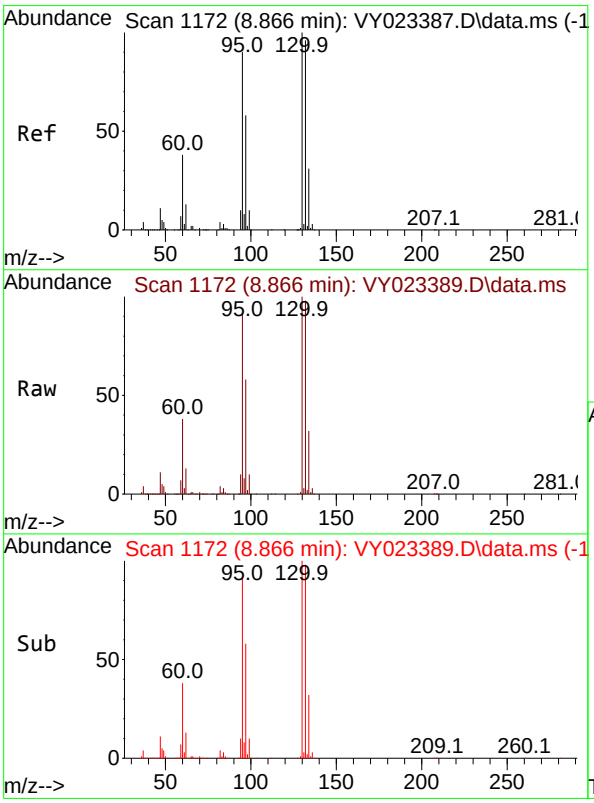
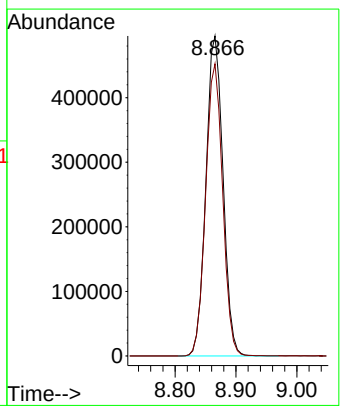
Supervised By :Mahesh Dadoda 10/10/2025

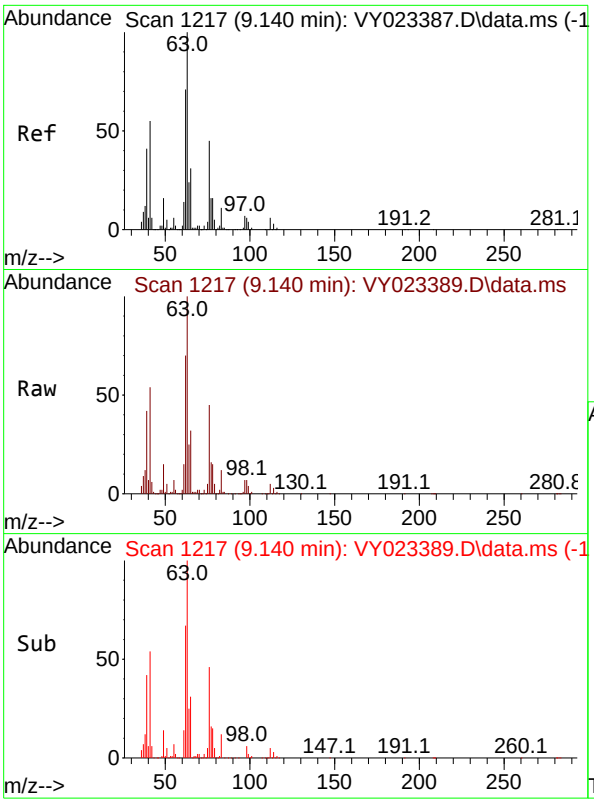


#44
Trichloroethene
Concen: 150.740 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:130 Resp: 966011

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.6

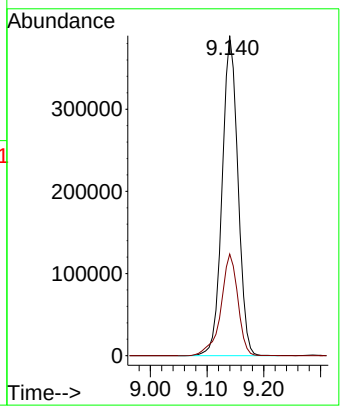




#45
1,2-Dichloropropane
Concen: 146.403 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 63 Resp: 75228

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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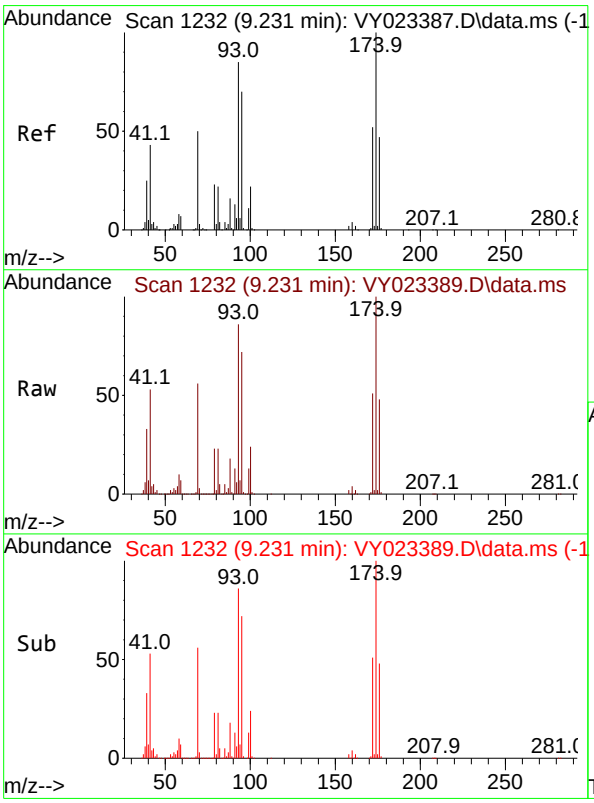
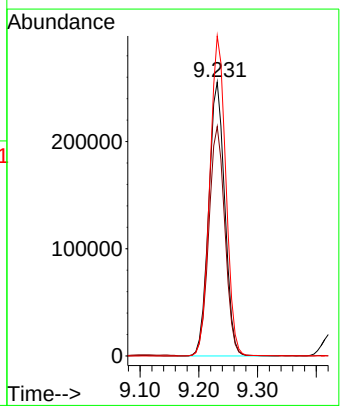
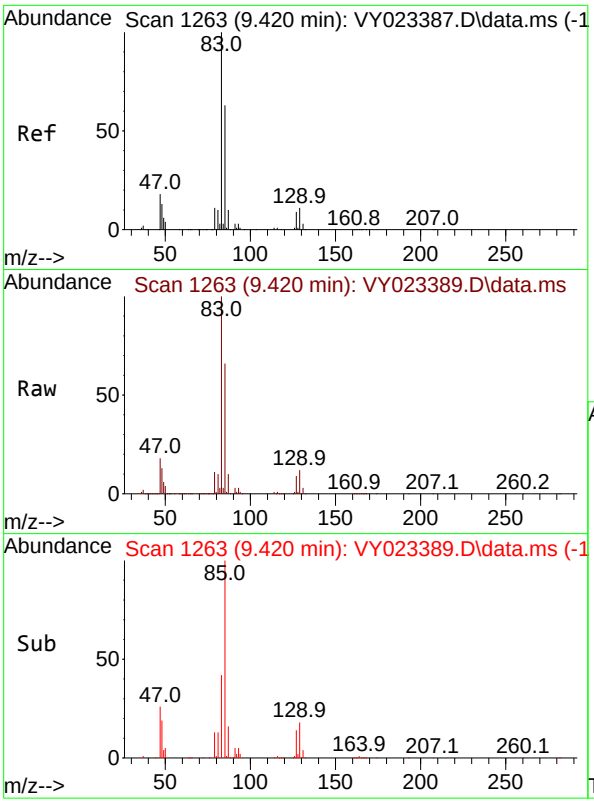


#46
Dibromomethane
Concen: 153.895 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 93 Resp: 483702

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.4	98.0
174	116.7	92.9	139.3

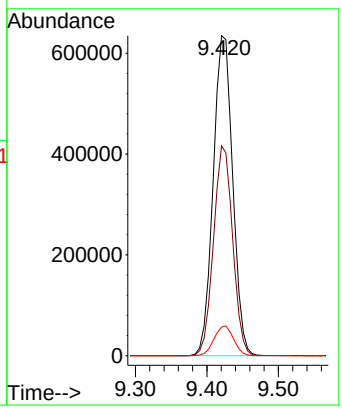




#47
Bromodichloromethane
Concen: 151.965 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 83 Resp: 120224

Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2
127	9.0	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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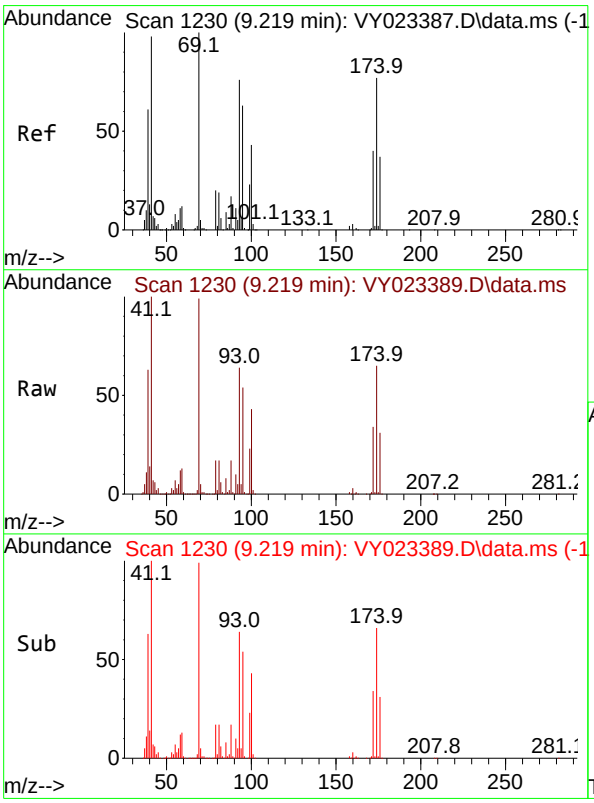
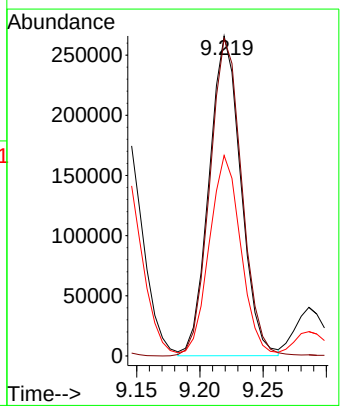
Supervised By :Mahesh Dadoda 10/10/2025

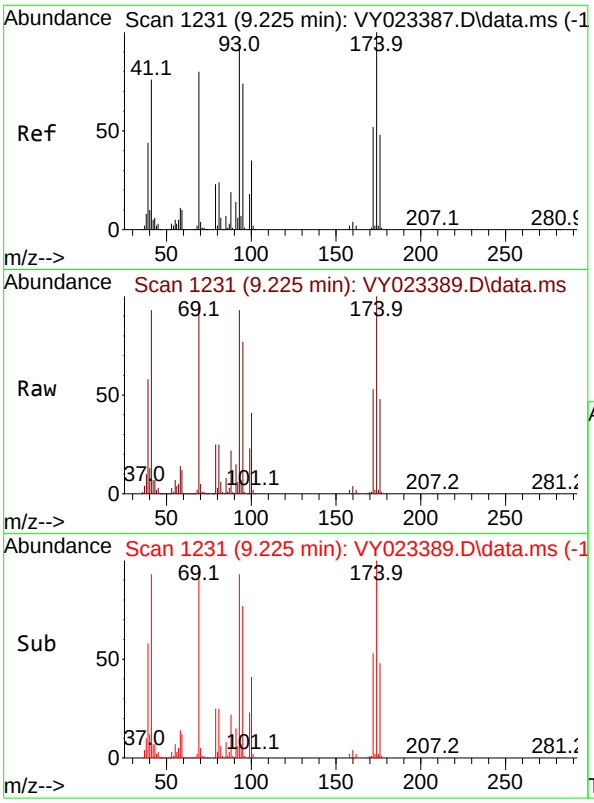


#48
Methyl methacrylate
Concen: 176.368 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 41 Resp: 463614

Ion	Ratio	Lower	Upper
41	100		
69	100.4	81.0	121.4
39	60.3	48.2	72.4





#49
1,4-Dioxane
Concen: 3809.726 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 88 Resp: 12399

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.8	32.8
58	62.1	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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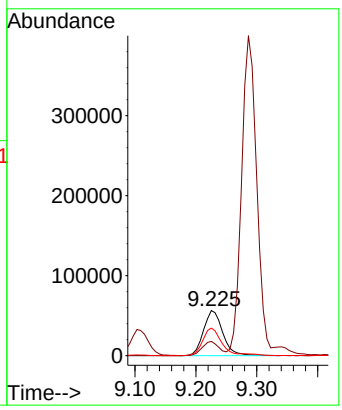
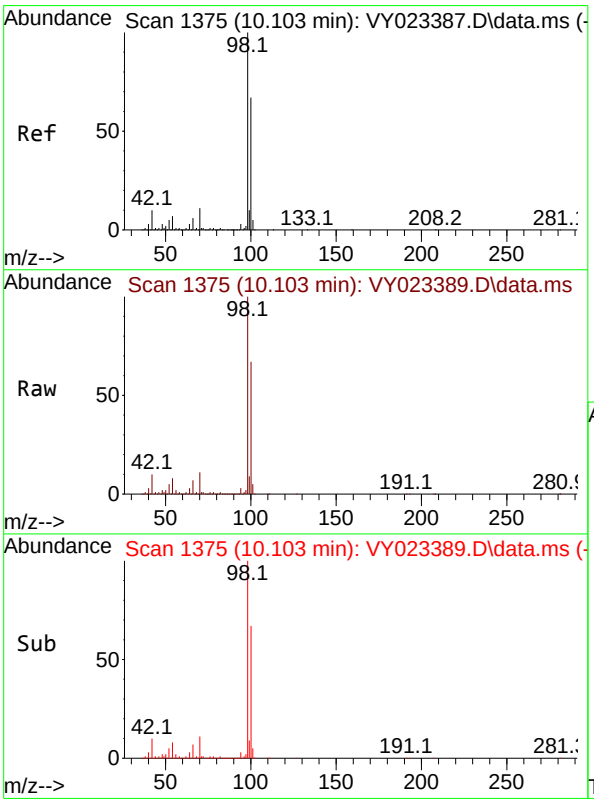
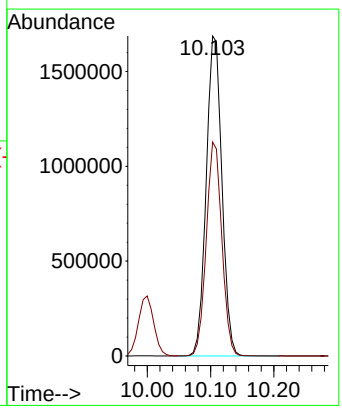


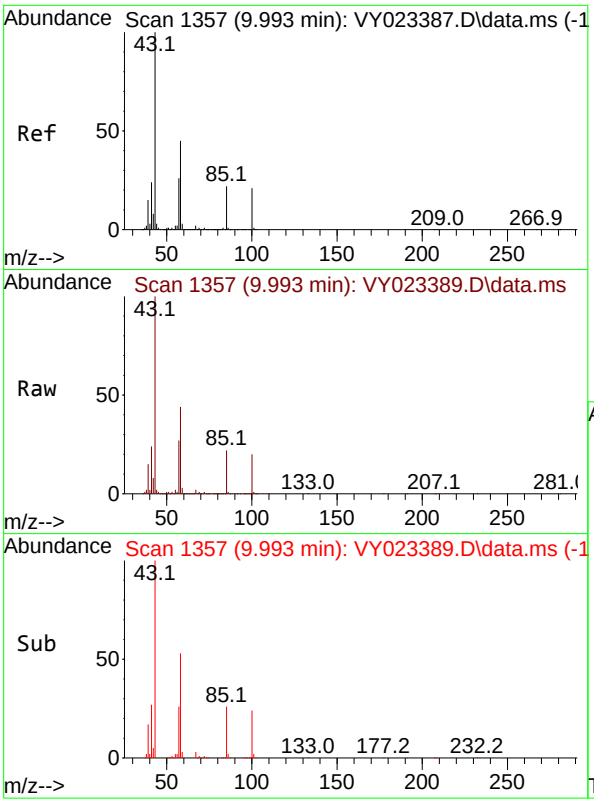


#50
Toluene-d8
Concen: 148.741 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 98 Resp: 2912319

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 872.045 ug/l
RT: 9.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 251610

Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.3	52.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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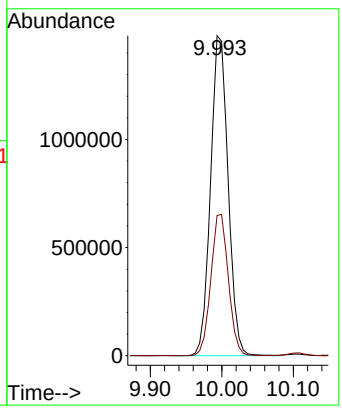
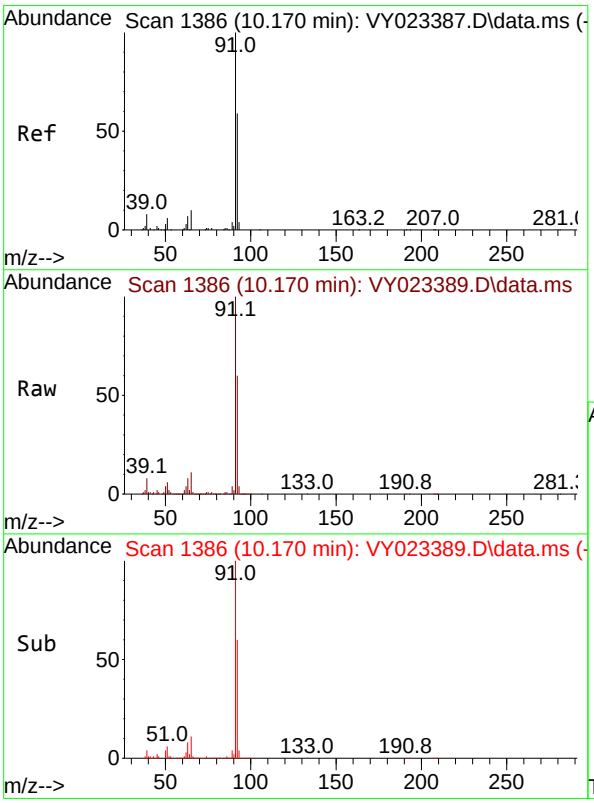
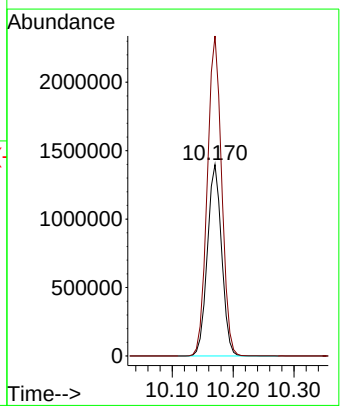


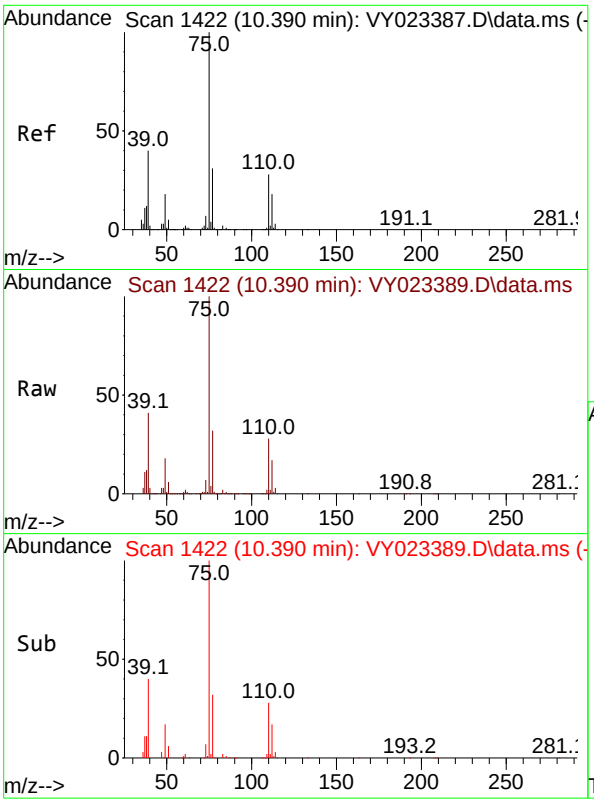


#52
Toluene
Concen: 156.786 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 92 Resp: 2272574

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 165.367 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 112364

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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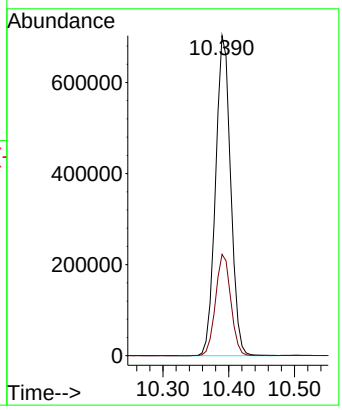
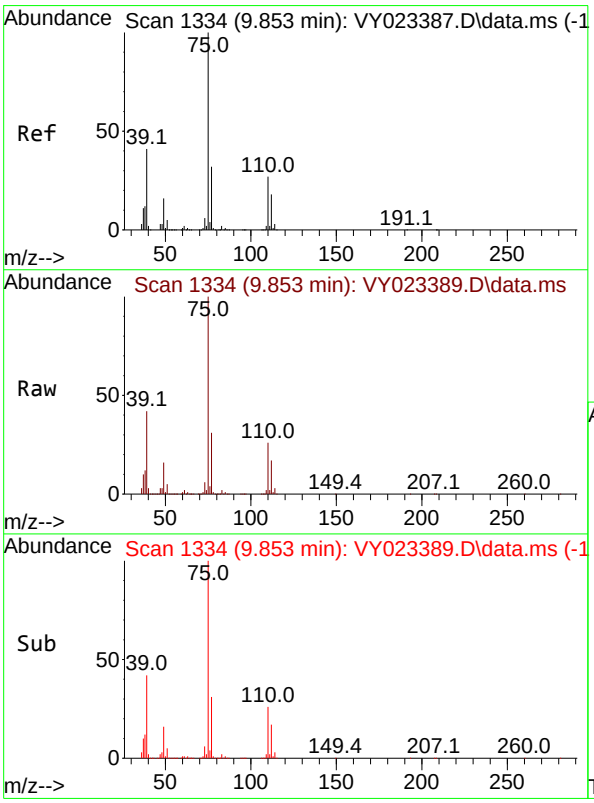
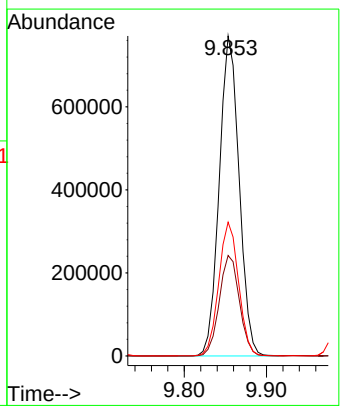


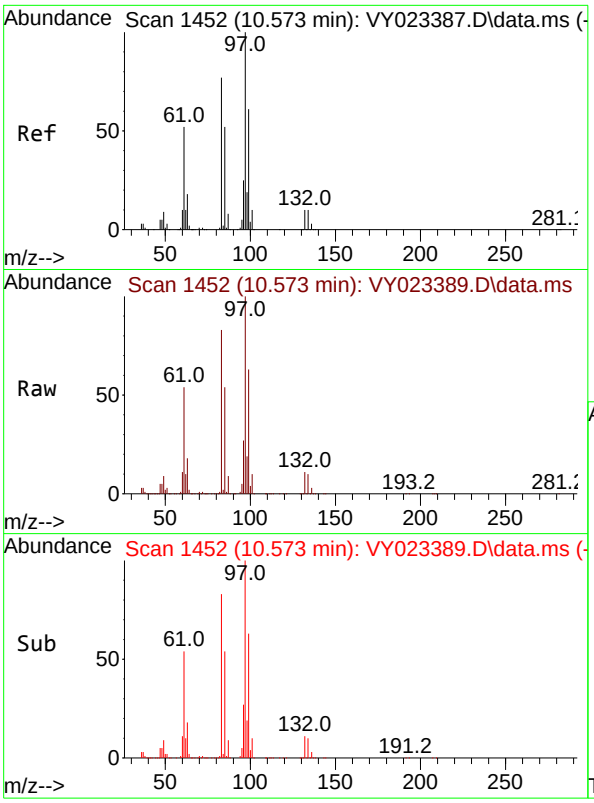


#54
cis-1,3-Dichloropropene
Concen: 159.654 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 1296713

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	41.7	32.8	49.2

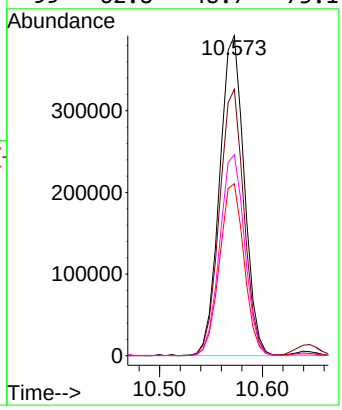




#55
1,1,2-Trichloroethane
Concen: 156.020 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 97 Resp: 65224

Ion	Ratio	Lower	Upper
97	100		
83	83.2	61.8	92.6
85	53.7	41.3	61.9
99	62.8	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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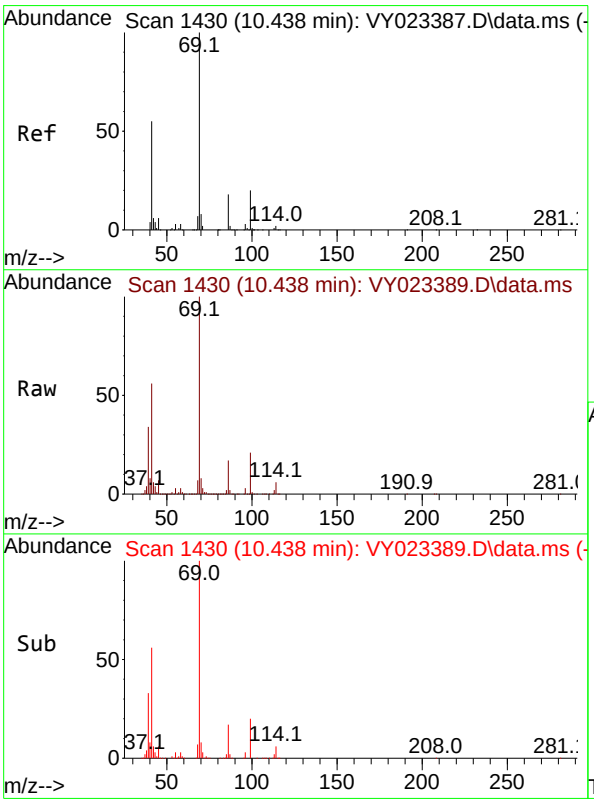
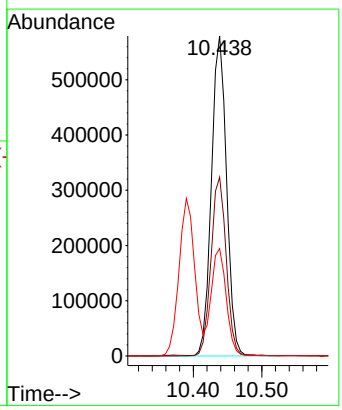
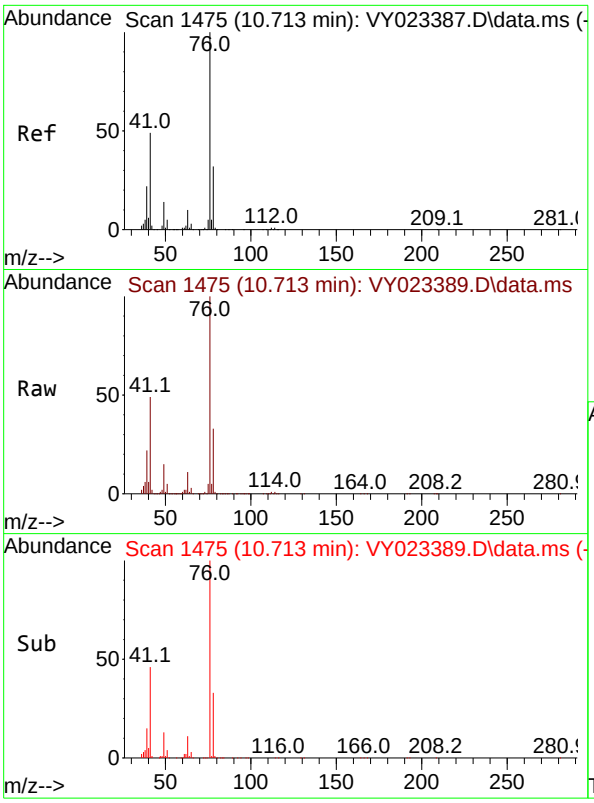


#56
Ethyl methacrylate
Concen: 184.048 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 69 Resp: 886127

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.6	67.0
39	33.6	27.0	40.4

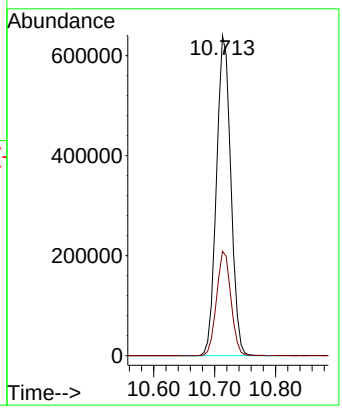




#57
1,3-Dichloropropane
Concen: 155.122 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 76 Resp: 104959

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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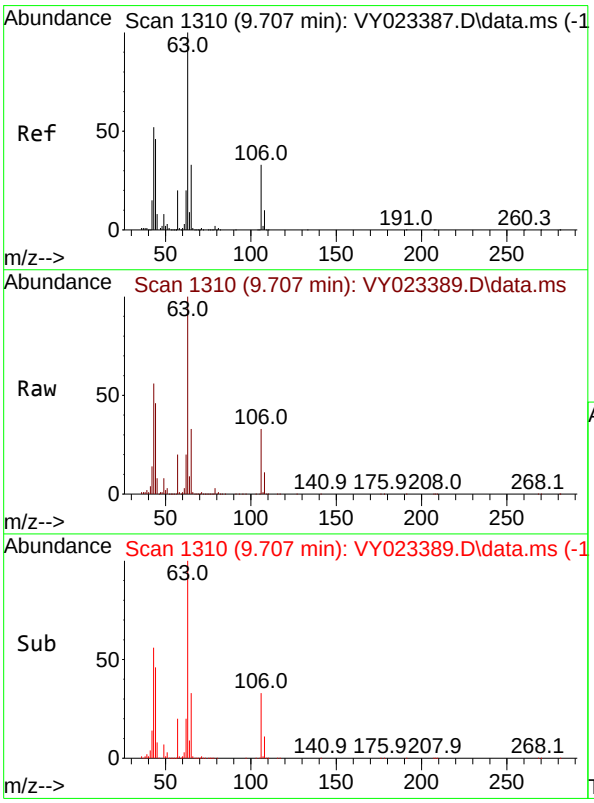
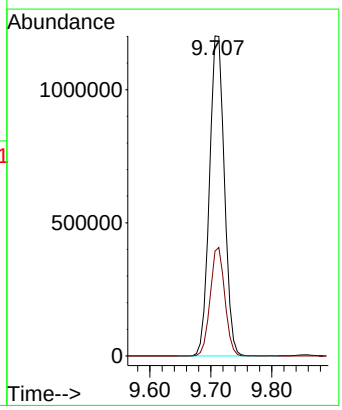
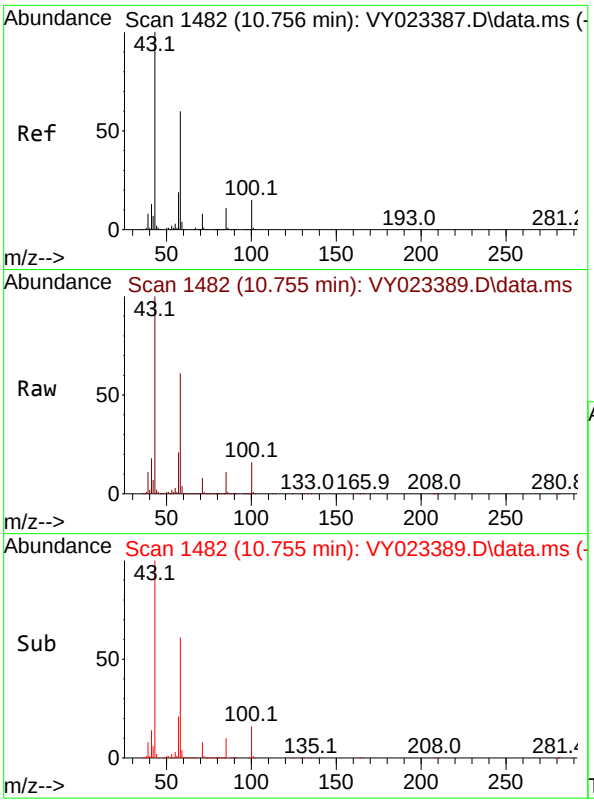


#58
2-Chloroethyl Vinyl ether
Concen: 968.559 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 63 Resp: 2040136

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8





#59
2-Hexanone
Concen: 889.038 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

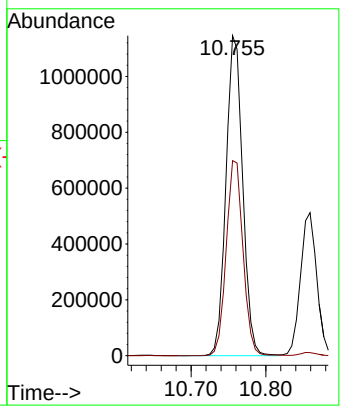
Tgt Ion: 43 Resp: 177603

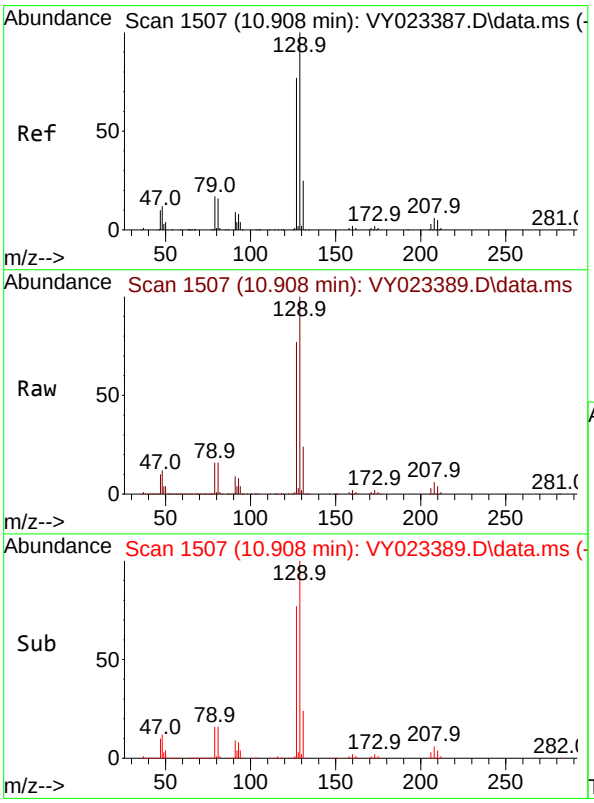
Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

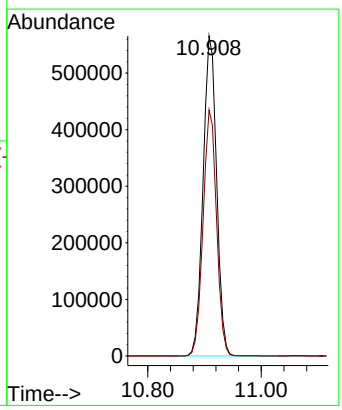


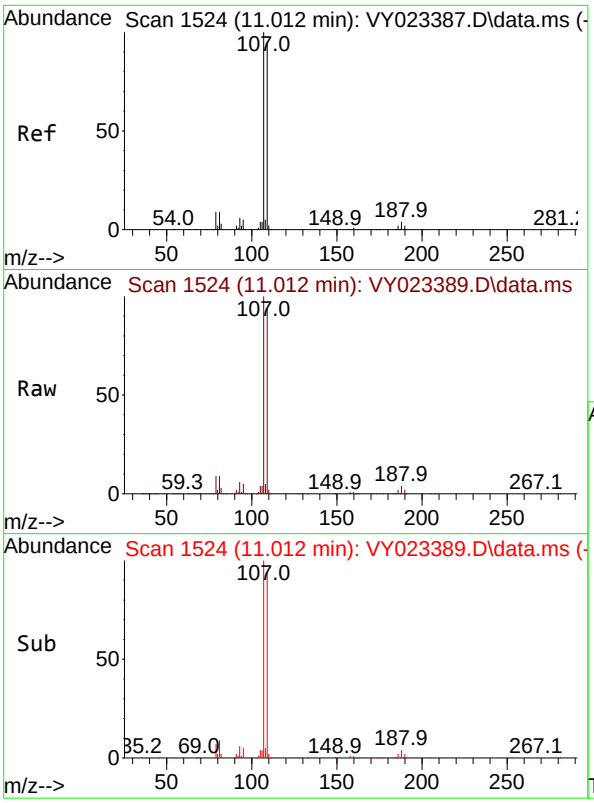


#60
Dibromochloromethane
Concen: 164.084 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:129 Resp: 935577

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.6	115.7

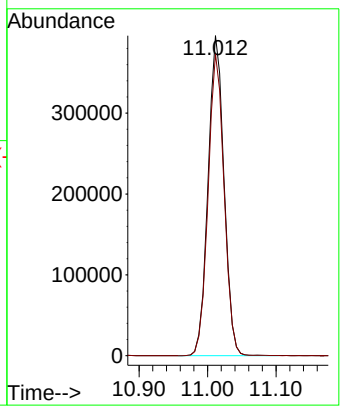




#61
1,2-Dibromoethane
Concen: 162.699 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:107 Resp: 63989

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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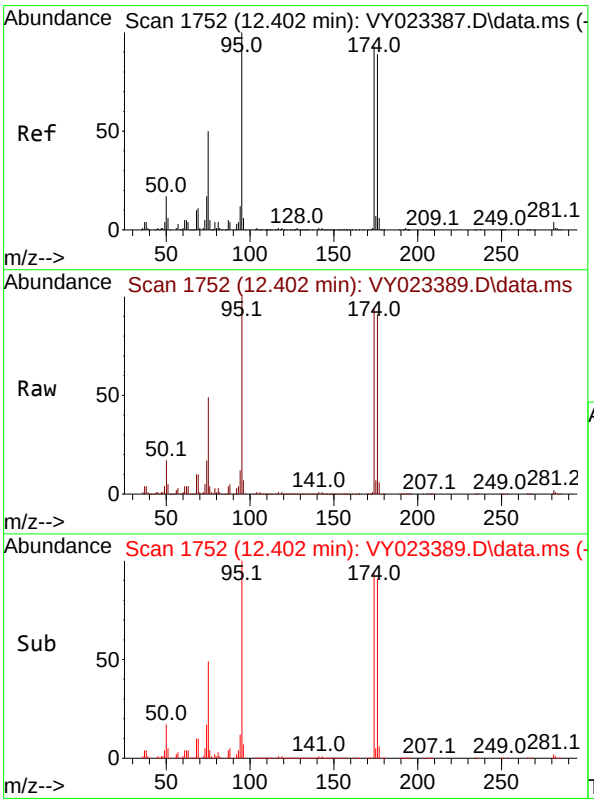
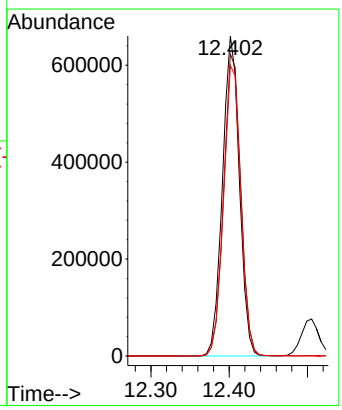
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

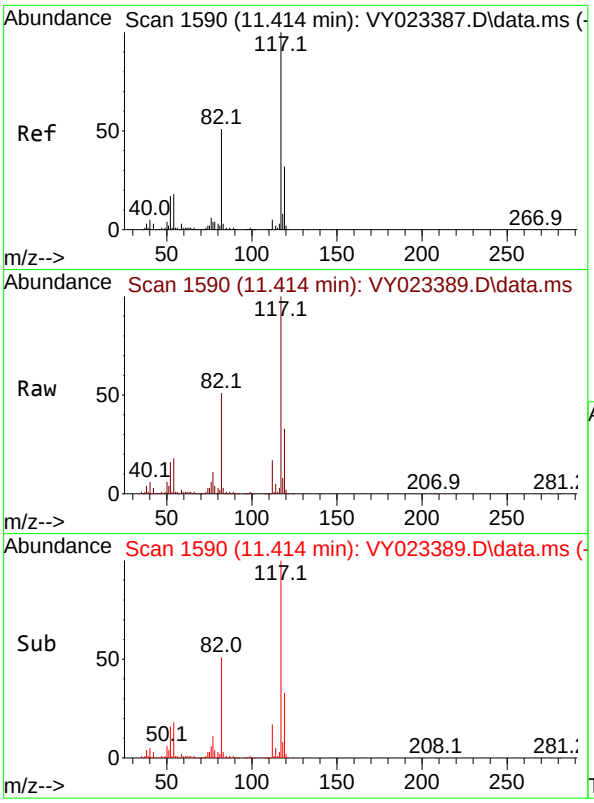


#62
4-Bromofluorobenzene
Concen: 160.423 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 95 Resp: 990964

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	192.8
176	92.8	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:117 Resp: 76535

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.4
119	33.3	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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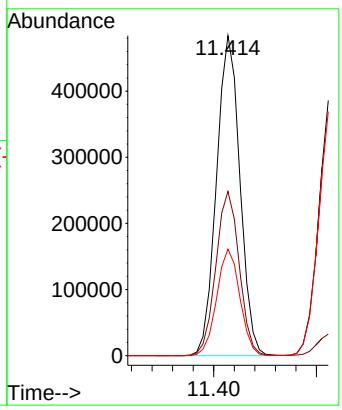
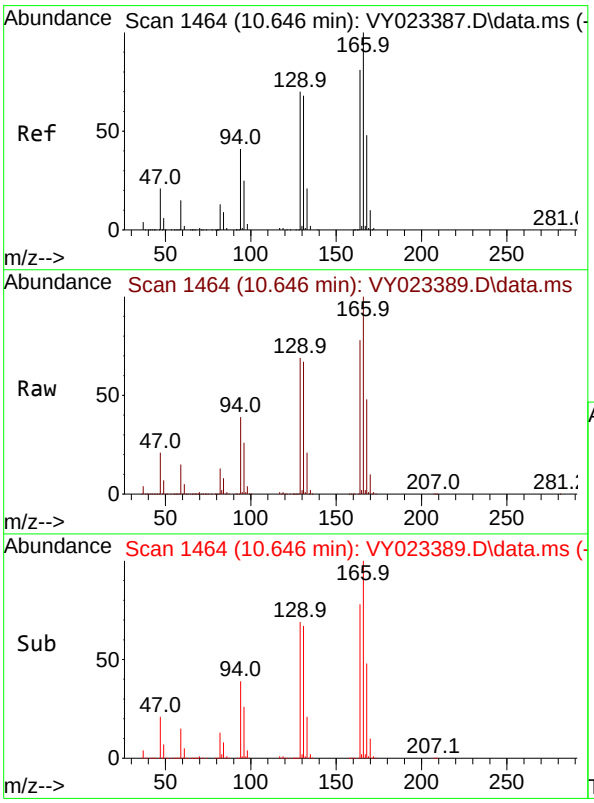
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

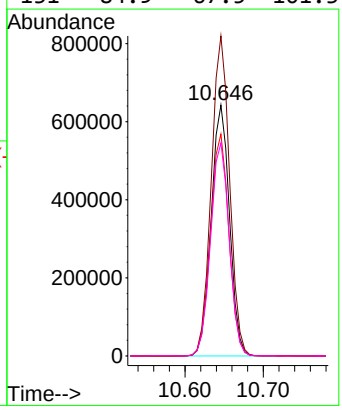


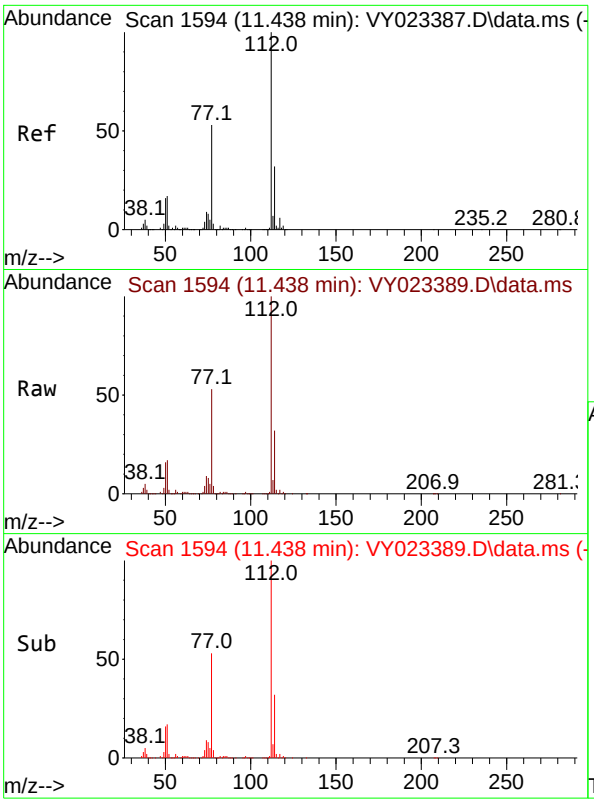


#64
Tetrachloroethene
Concen: 136.739 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:164 Resp: 1046931

Ion	Ratio	Lower	Upper
164	100		
166	127.5	99.4	149.0
129	88.4	69.4	104.2
131	84.9	67.5	101.3

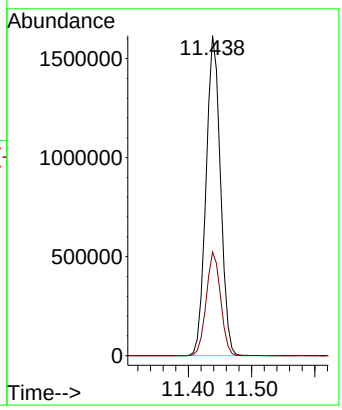




#65
Chlorobenzene
Concen: 154.117 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:112 Resp: 256317

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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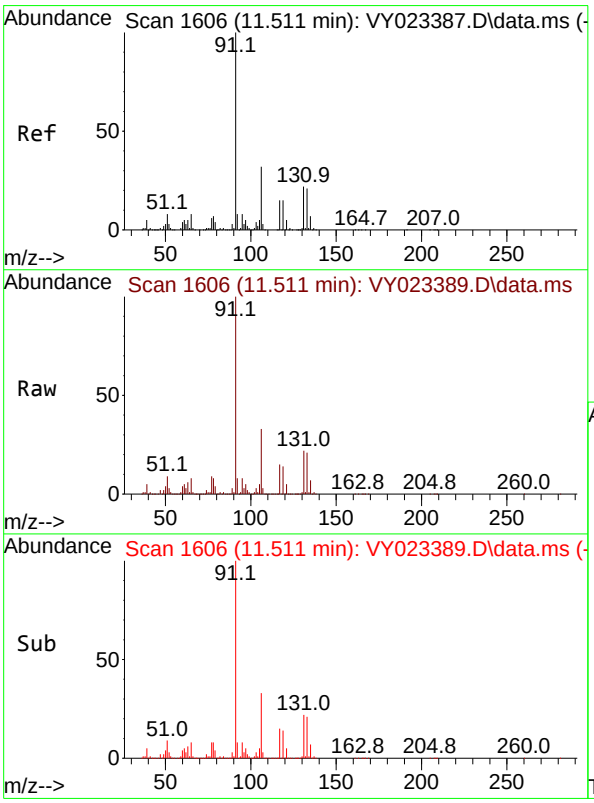
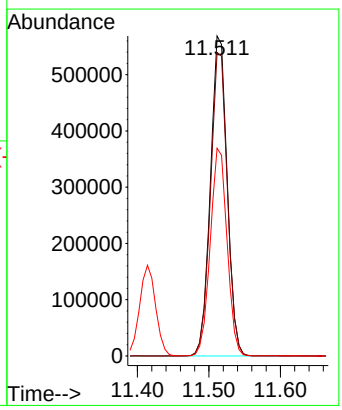
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

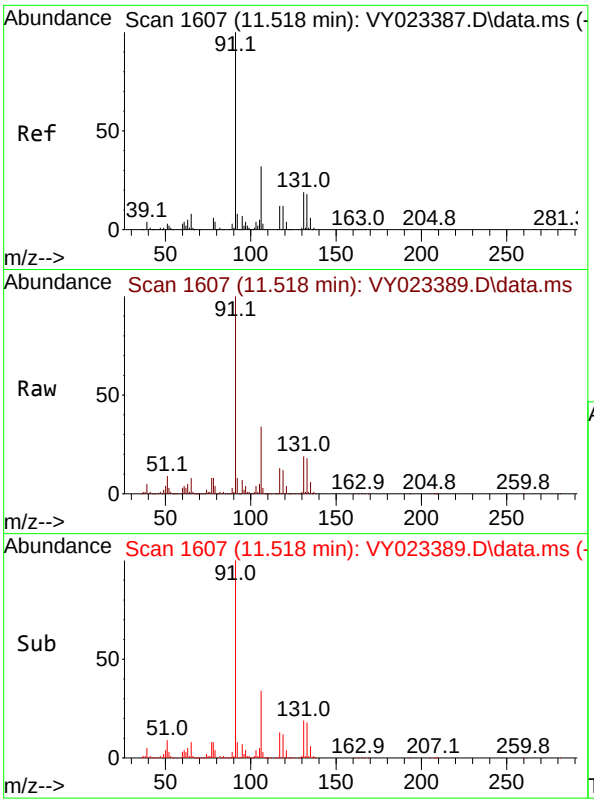


#66
1,1,1,2-Tetrachloroethane
Concen: 157.870 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:131 Resp: 923367

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.4	145.2
119	65.2	32.4	97.2





#67
Ethyl Benzene
Concen: 159.957 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

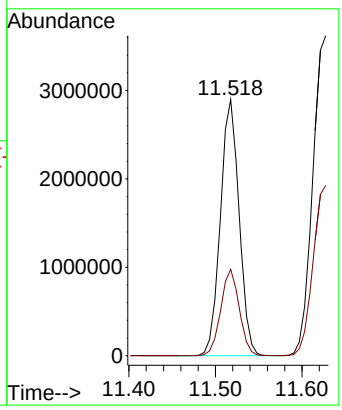
Tgt Ion: 91 Resp: 434180

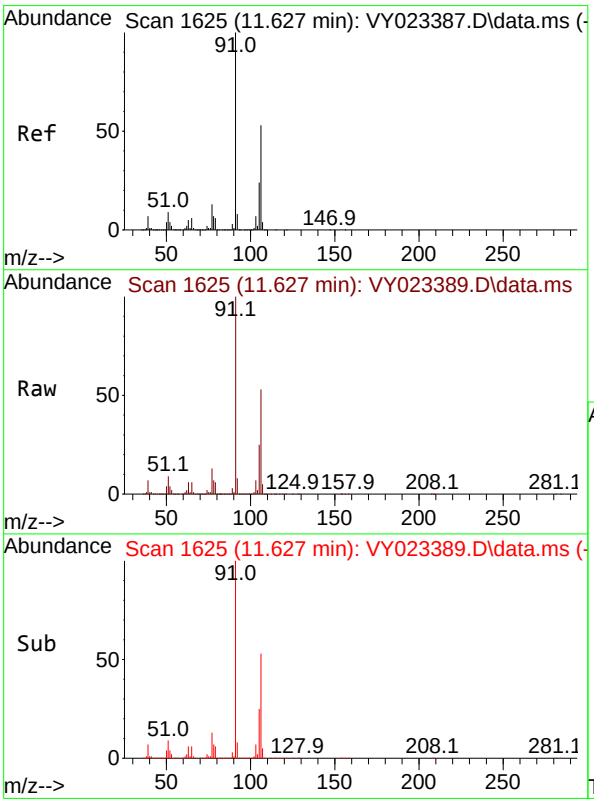
Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.8	38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

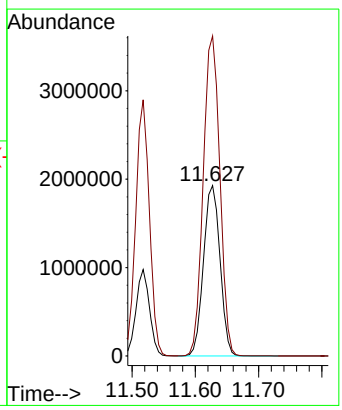


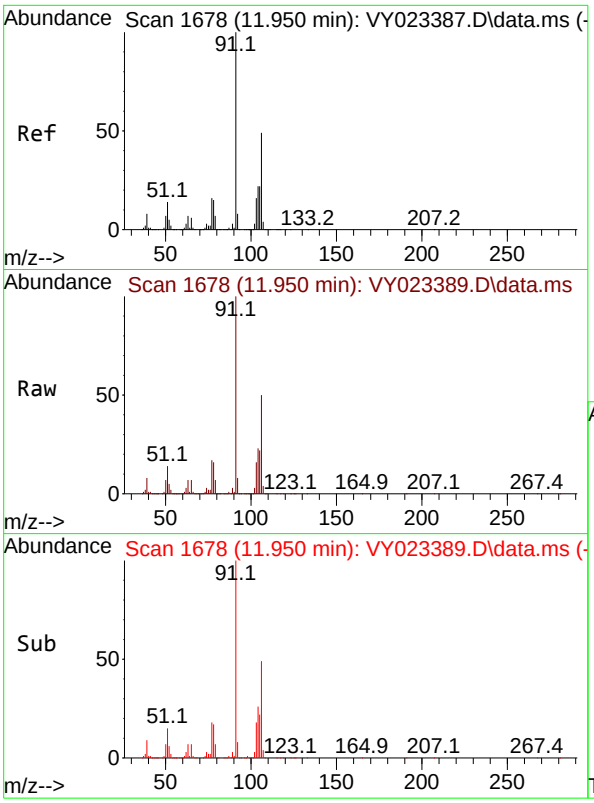


#68
m/p-Xylenes
Concen: 321.899 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:106 Resp: 3502137

Ion	Ratio	Lower	Upper
106	100		
91	189.2	152.6	229.0

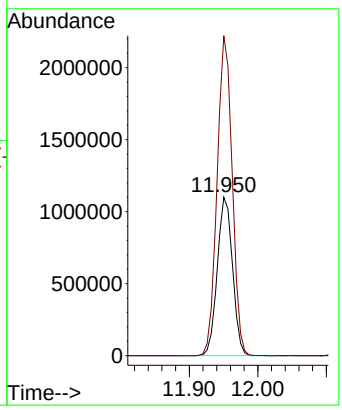




#69
o-Xylene
Concen: 168.295 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:106 Resp: 169498

Ion	Ratio	Lower	Upper
106	100		
91	200.0	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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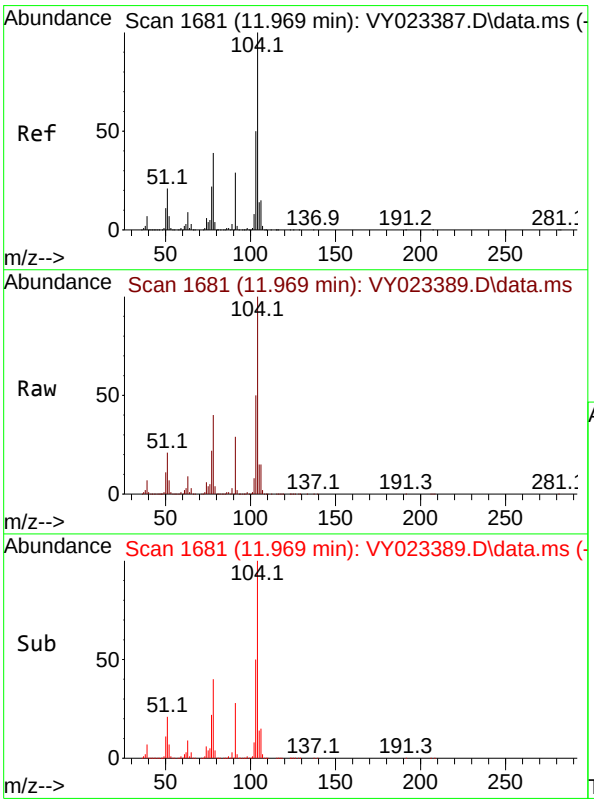
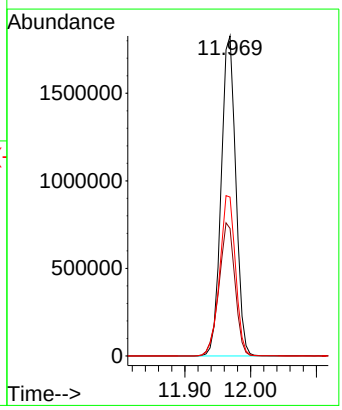
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

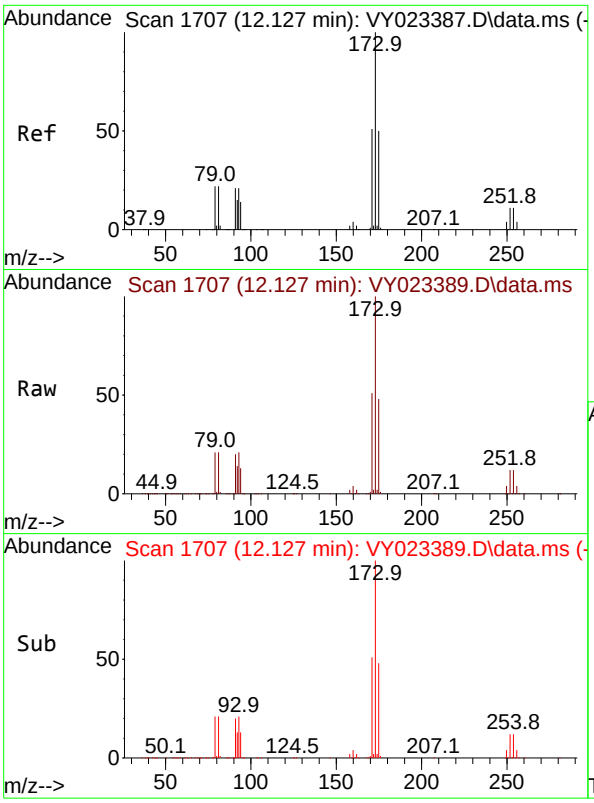


#70
Styrene
Concen: 170.203 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:104 Resp: 2830398

Ion	Ratio	Lower	Upper
104	100		
78	45.5	36.1	54.1
103	54.3	43.2	64.8

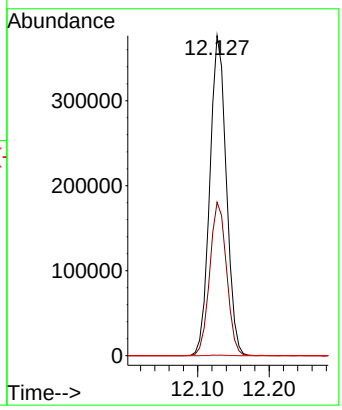




#71
Bromoform
Concen: 172.115 ug/l
RT: 12.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:173 Resp: 60264

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.2	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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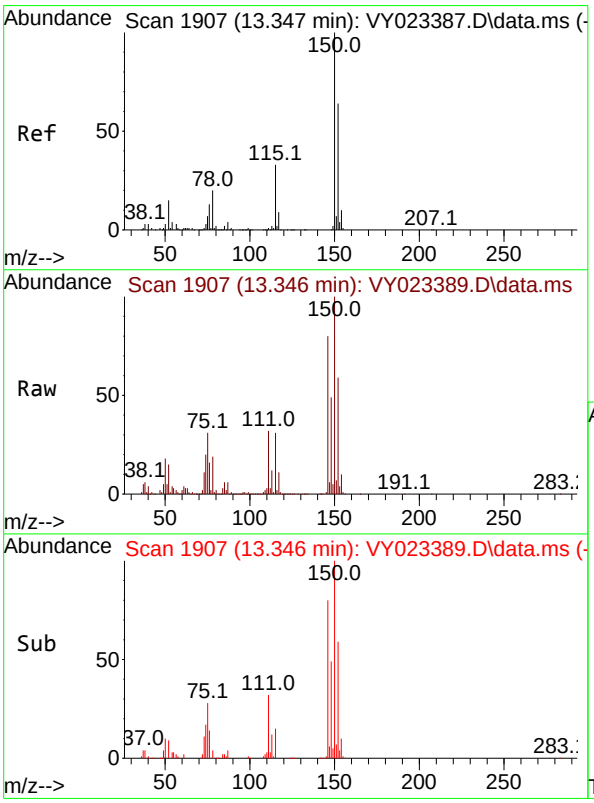
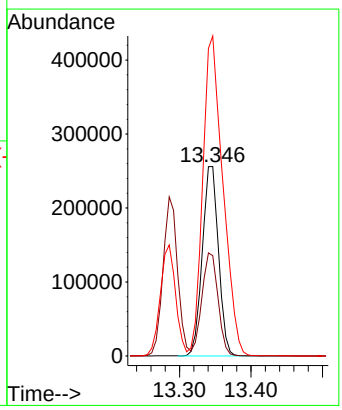
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

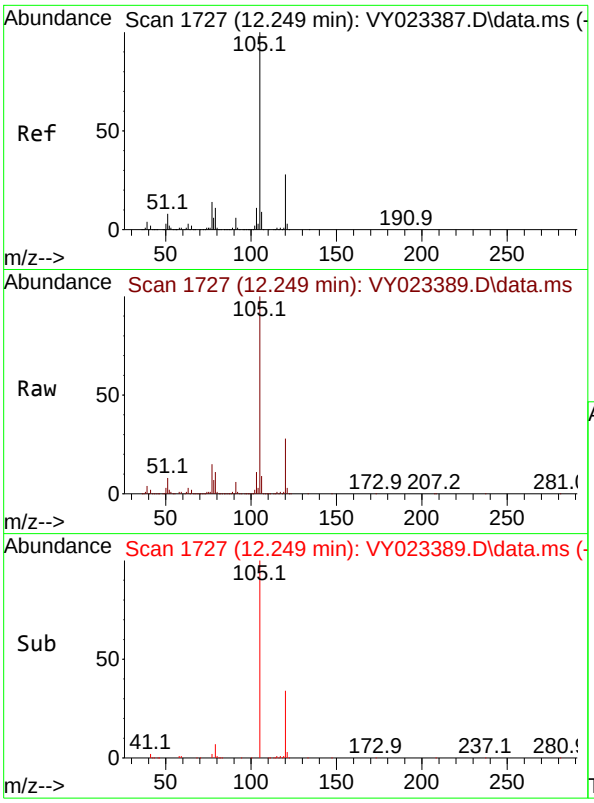


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:152 Resp: 402368

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	210.4	0.0	347.4

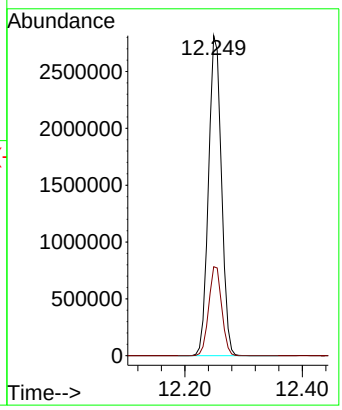




#73
Isopropylbenzene
Concen: 160.084 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 429066

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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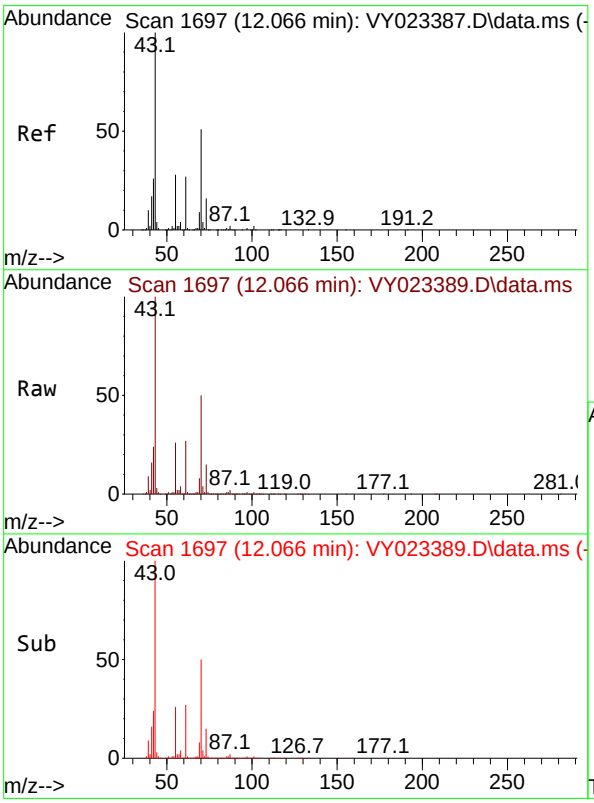
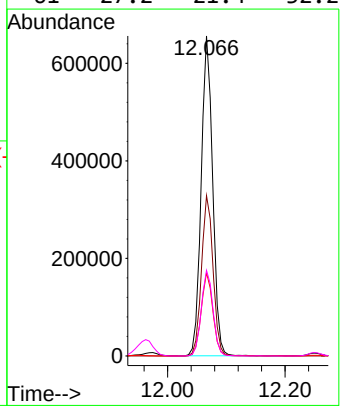
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

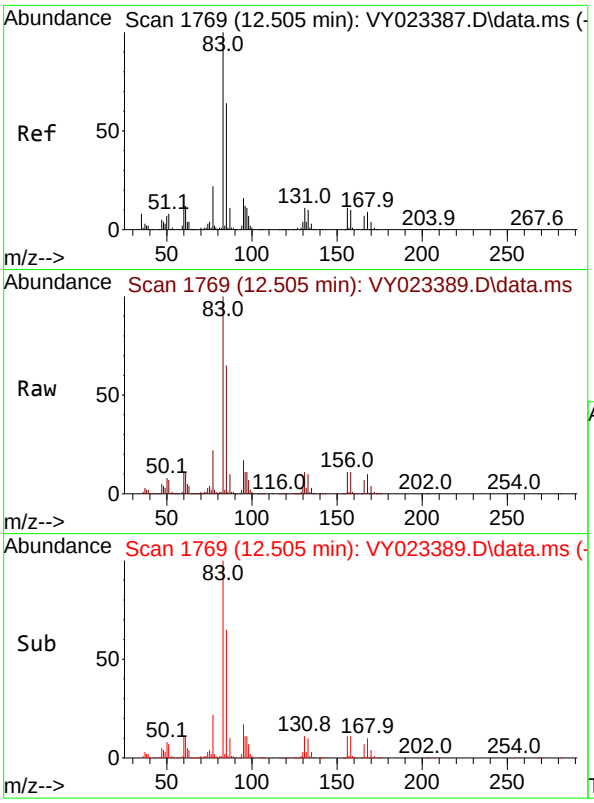


#74
N-amyl acetate
Concen: 177.866 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 890882

Ion	Ratio	Lower	Upper
43	100		
70	50.6	41.1	61.7
55	26.4	23.0	34.6
61	27.2	21.4	32.2

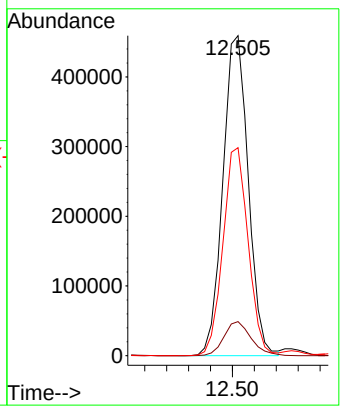




#75
1,1,2,2-Tetrachloroethane
Concen: 165.010 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 83 Resp: 73777

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.6
85	64.4	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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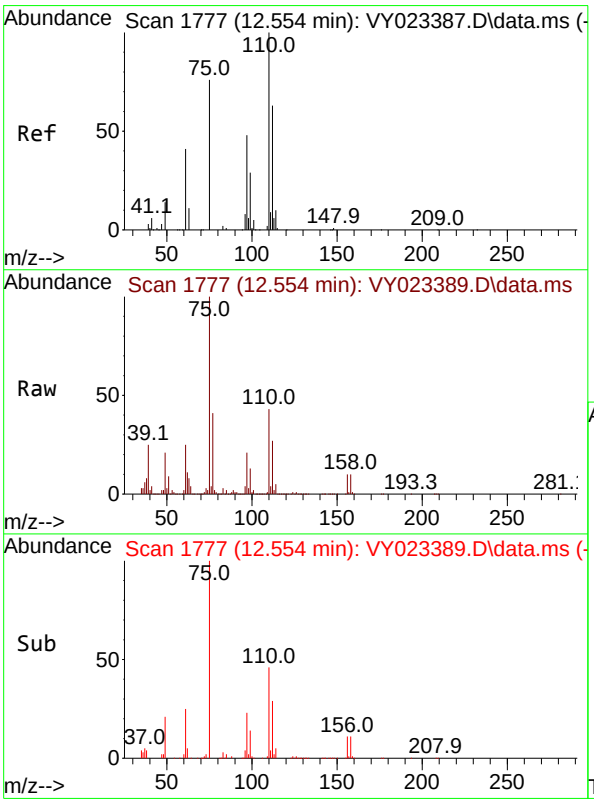
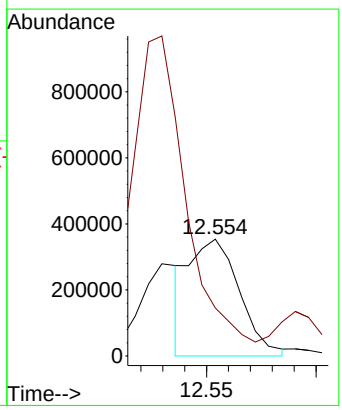
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

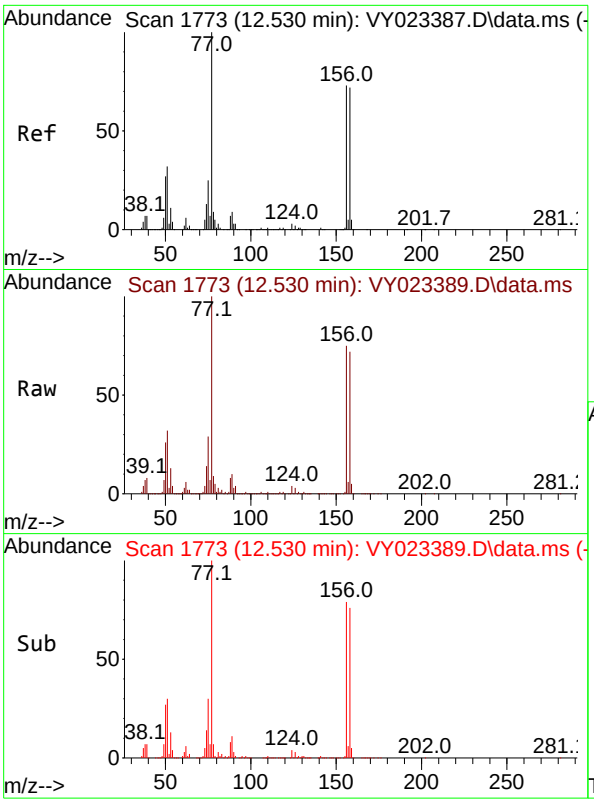


#76
1,2,3-Trichloropropane
Concen: 142.542 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 565754

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

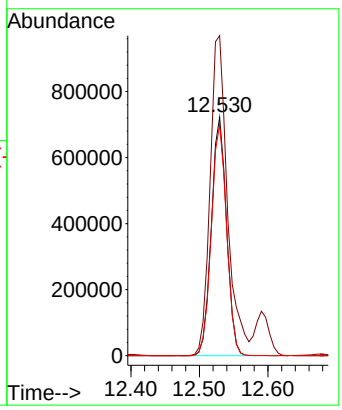




#77
Bromobenzene
Concen: 161.555 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:156 Resp: 111131

Ion	Ratio	Lower	Upper
156	100		
77	153.9	76.8	230.5
158	97.4	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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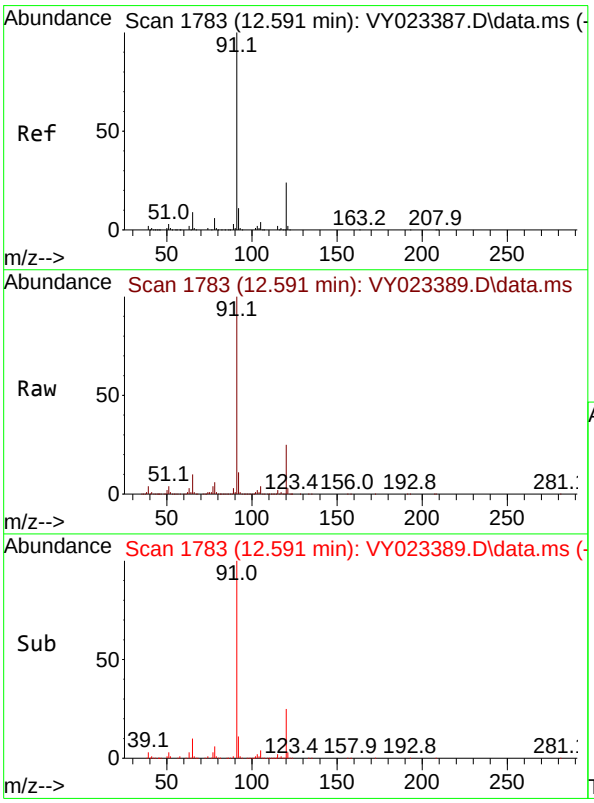
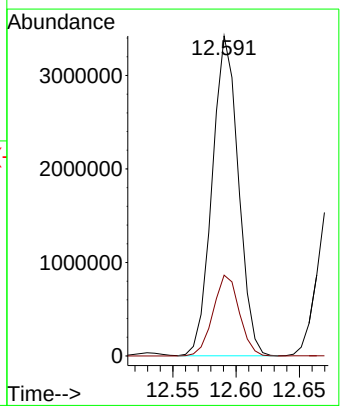
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

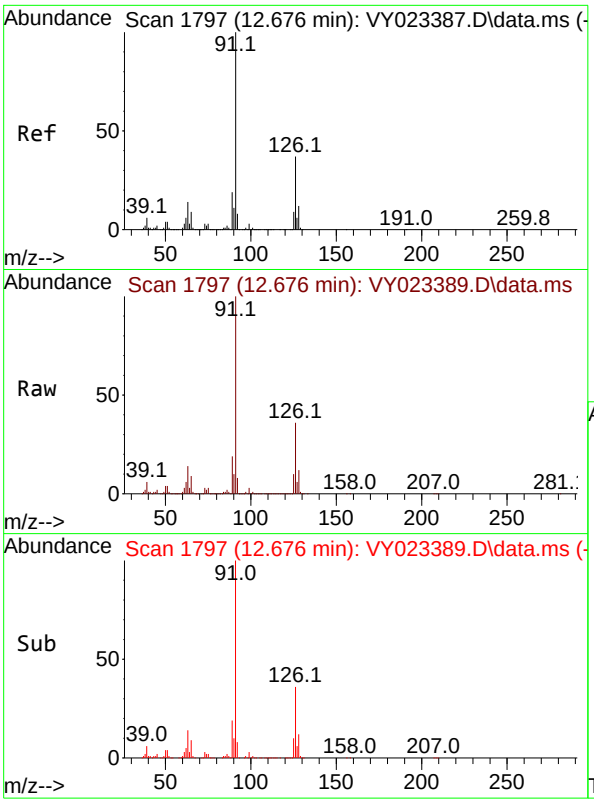


#78
n-propylbenzene
Concen: 156.465 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 4932015

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8

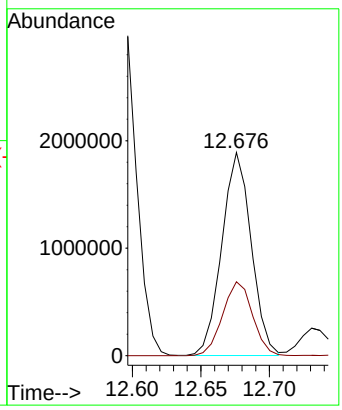




#79
2-Chlorotoluene
Concen: 155.063 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 282204

Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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Reviewed By :Semsettin Yesilyurt 10/10/2025
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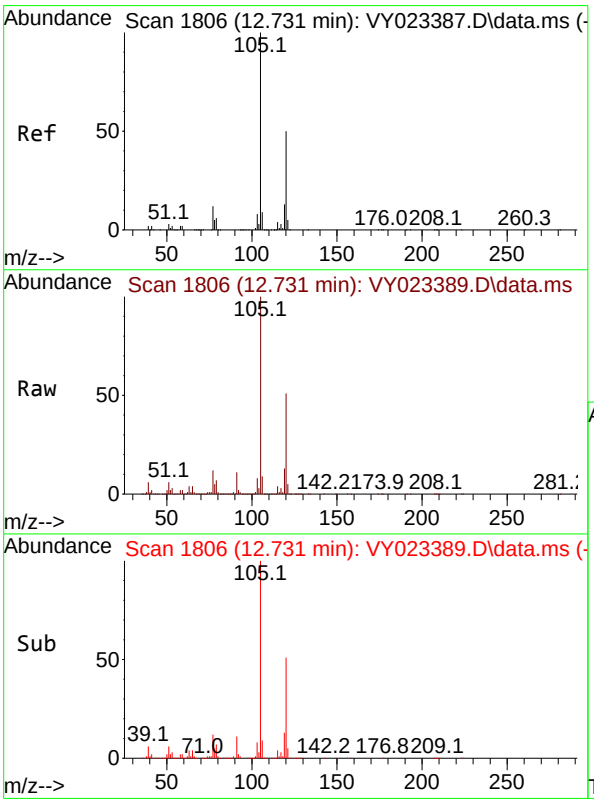
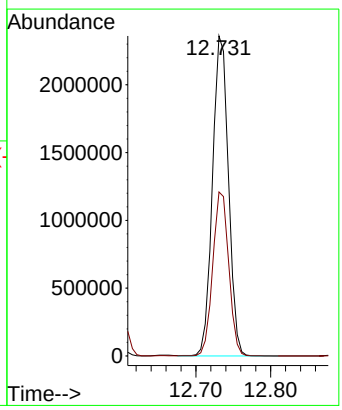
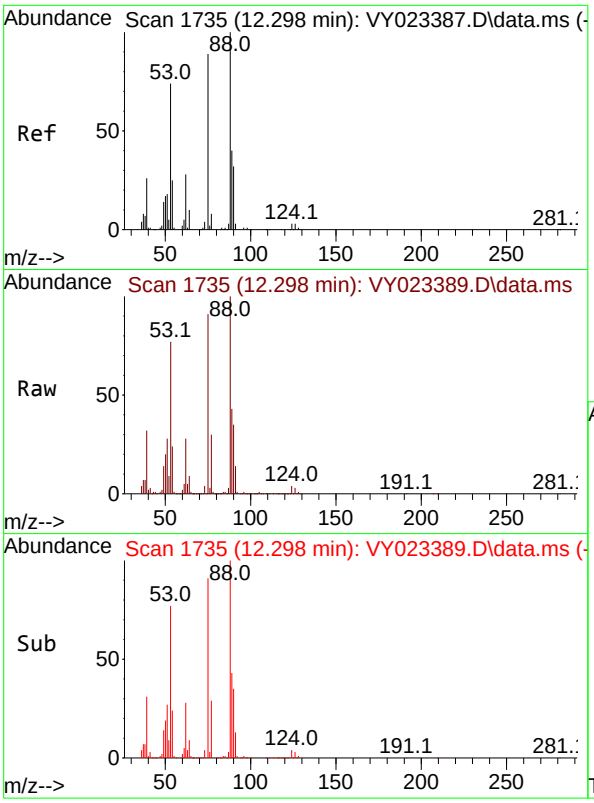


#80
1,3,5-Trimethylbenzene
Concen: 160.460 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 3496249

Ion	Ratio	Lower	Upper
105	100		
120	51.4	25.4	76.4

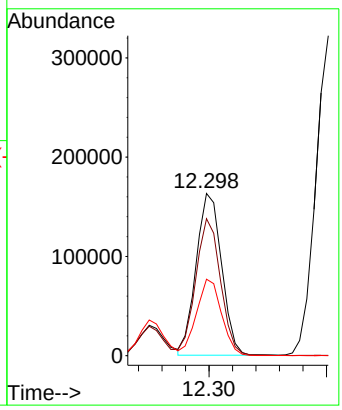




#81
trans-1,4-Dichloro-2-butene
Concen: 166.570 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 24519

Ion	Ratio	Lower	Upper
75	100		
53	83.6	68.6	102.8
89	46.8	39.0	58.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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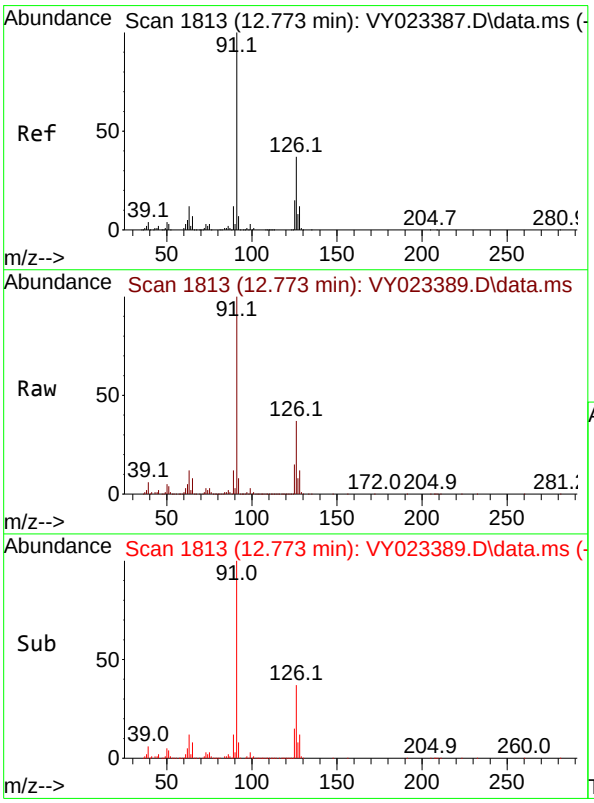
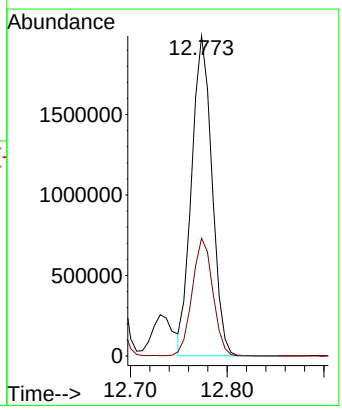
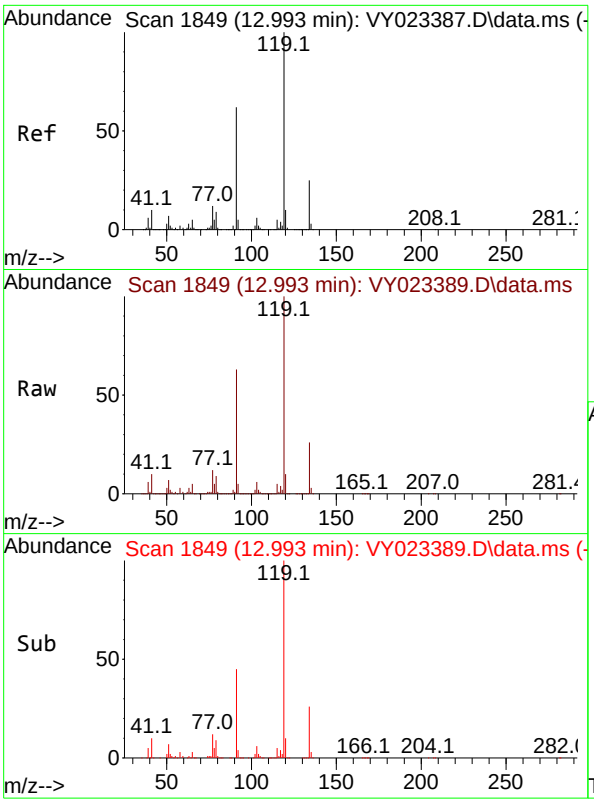


#82
4-Chlorotoluene
Concen: 152.701 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 2902371

Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.4	55.4





#83
tert-Butylbenzene
Concen: 162.197 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:119 Resp: 322038

Ion	Ratio	Lower	Upper
119	100		
91	61.6	29.9	89.8
134	27.4	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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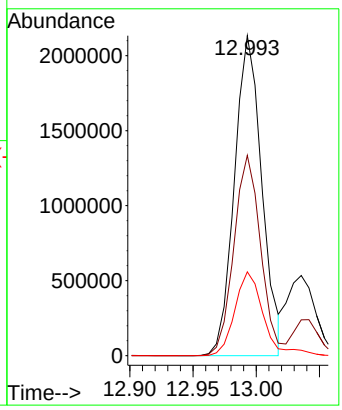
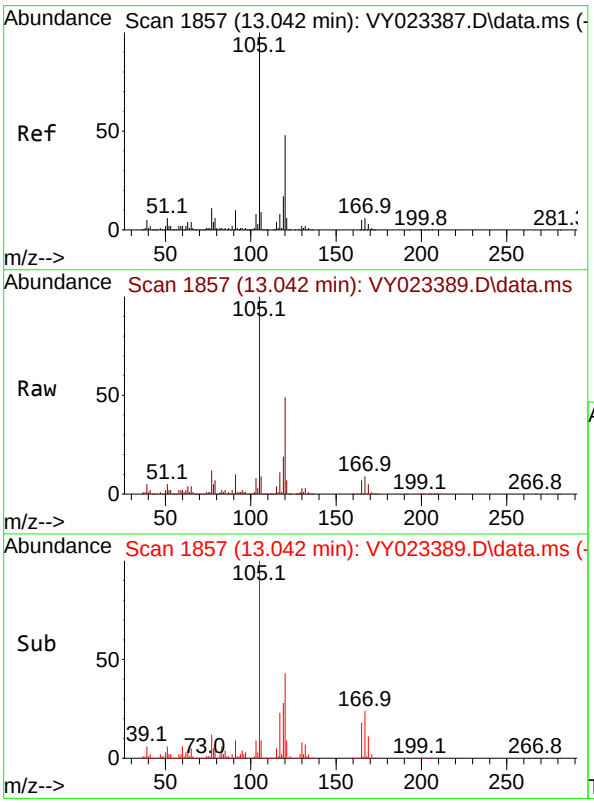
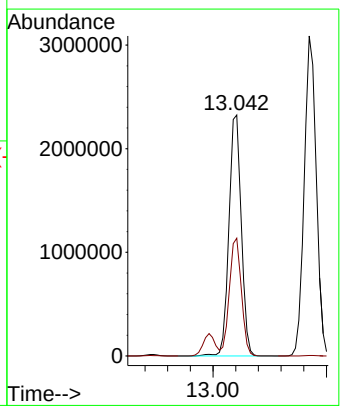


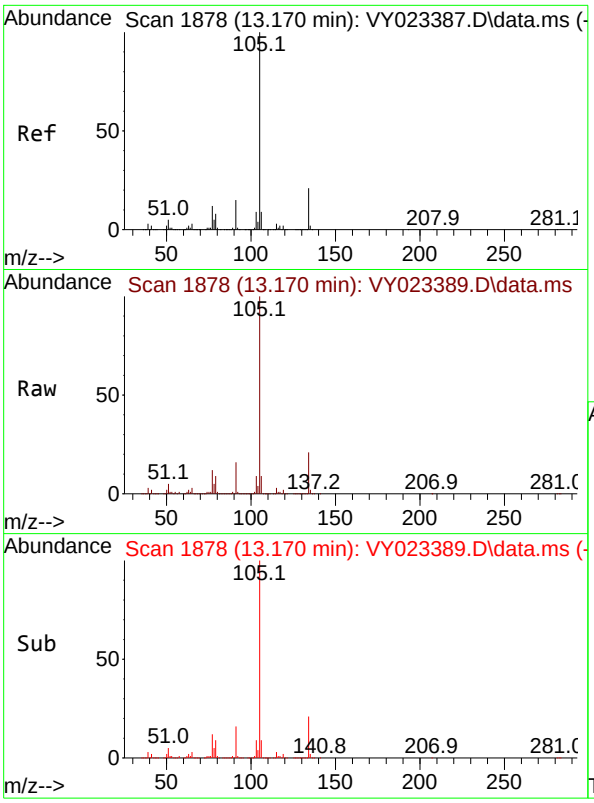


#84
1,2,4-Trimethylbenzene
Concen: 162.527 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 3503639

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.8	71.2

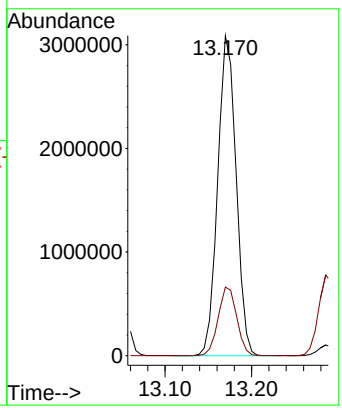




#85
sec-Butylbenzene
Concen: 158.609 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 456071

Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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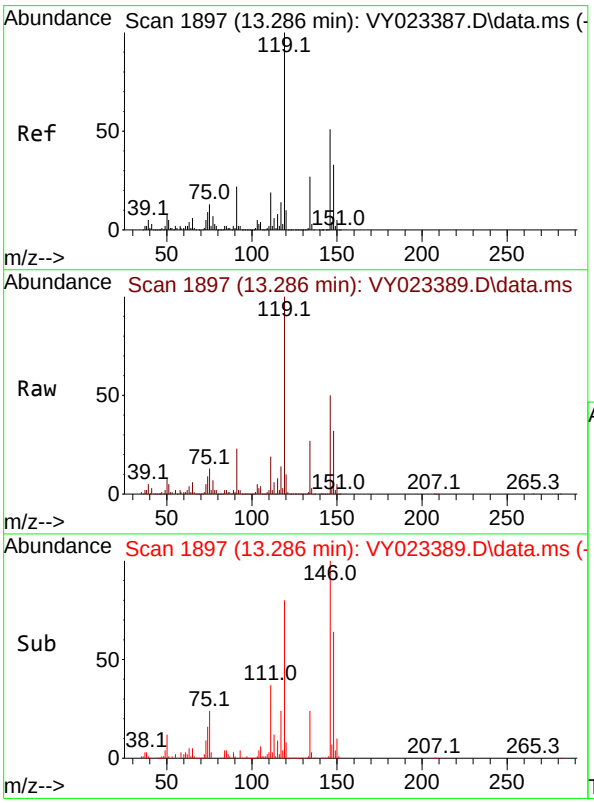
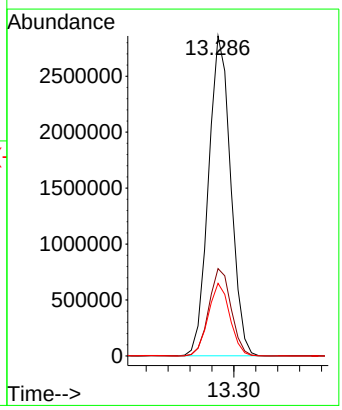
Supervised By :Mahesh Dadoda 10/10/2025

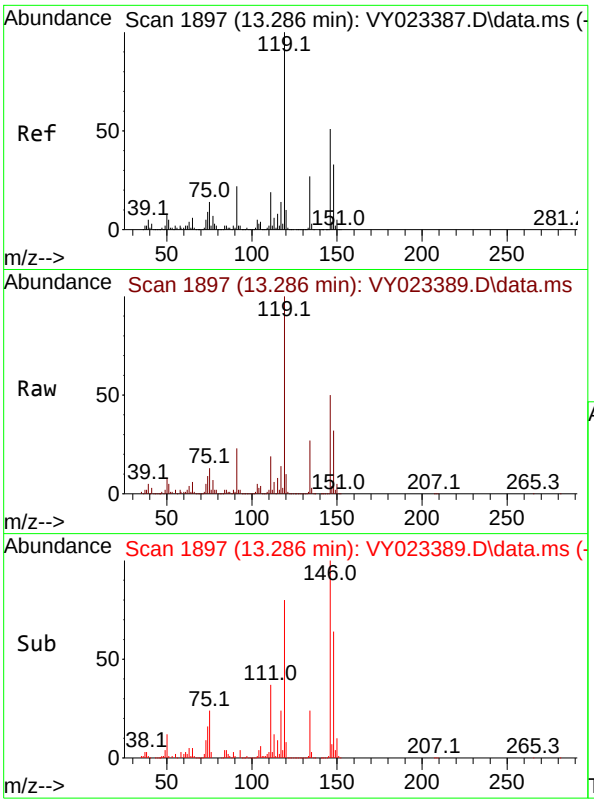


#86
p-Isopropyltoluene
Concen: 165.622 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:119 Resp: 4024712

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.7
91	22.1	10.9	32.9





#87
1,3-Dichlorobenzene
Concen: 159.350 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:146 Resp: 216527

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.0	31.9	95.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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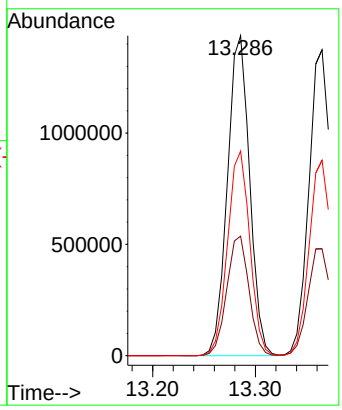
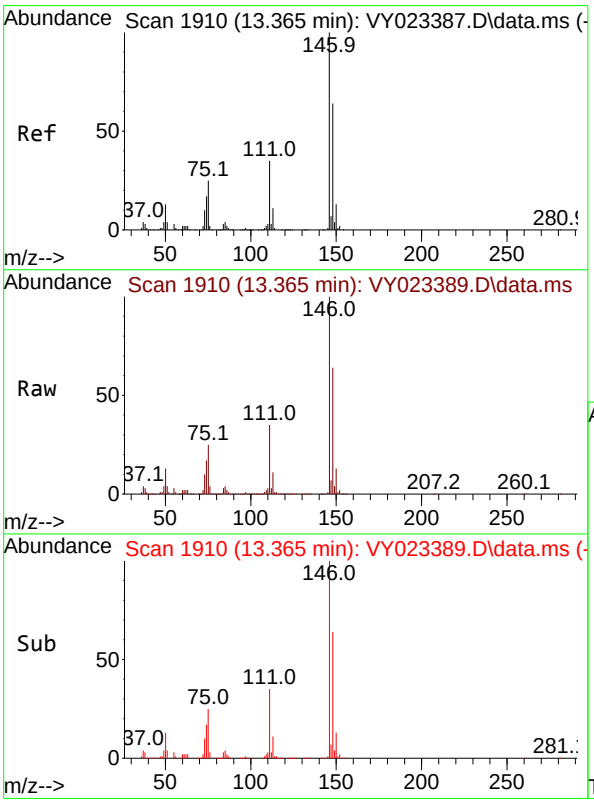
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

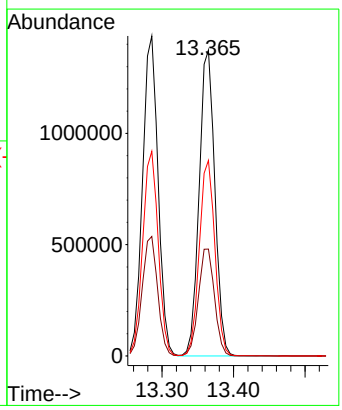


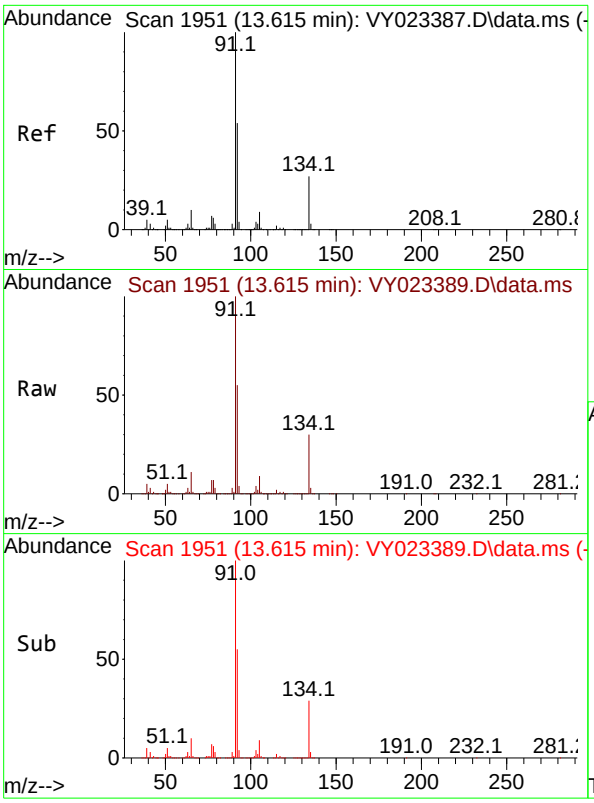


#88
1,4-Dichlorobenzene
Concen: 155.104 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:146 Resp: 2090133

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.0	54.0
148	63.6	31.9	95.7





#89
n-Butylbenzene
Concen: 163.379 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 350571

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	80.8
134	28.6	14.1	42.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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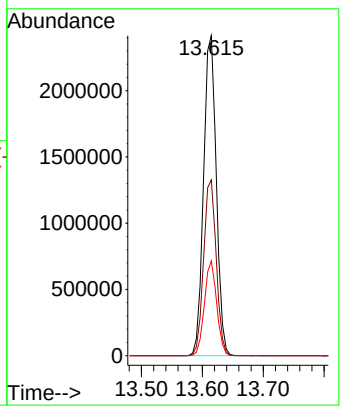
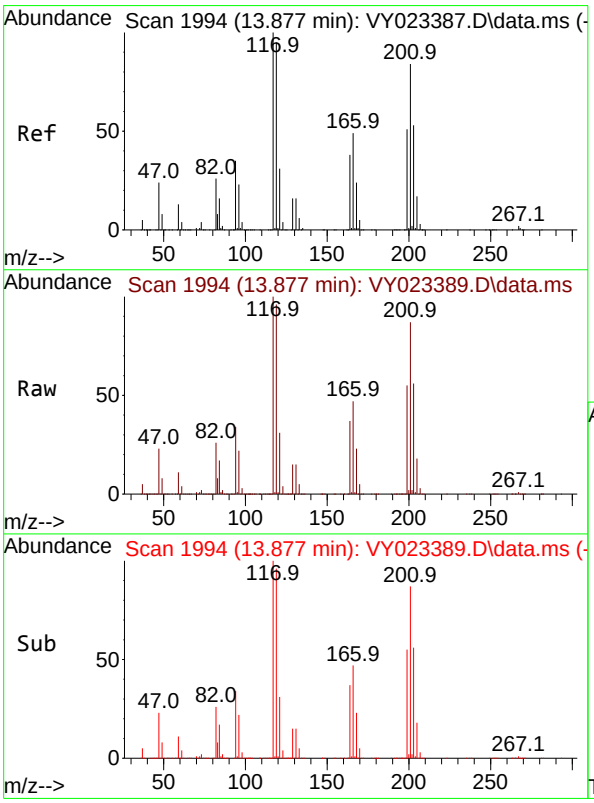
Supervised By :Mahesh Dadoda 10/10/2025

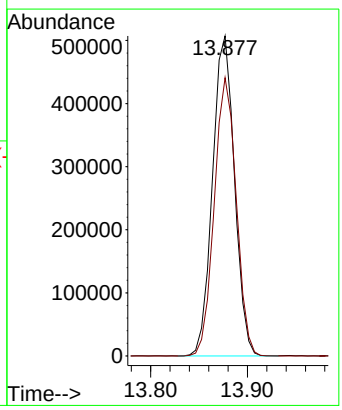


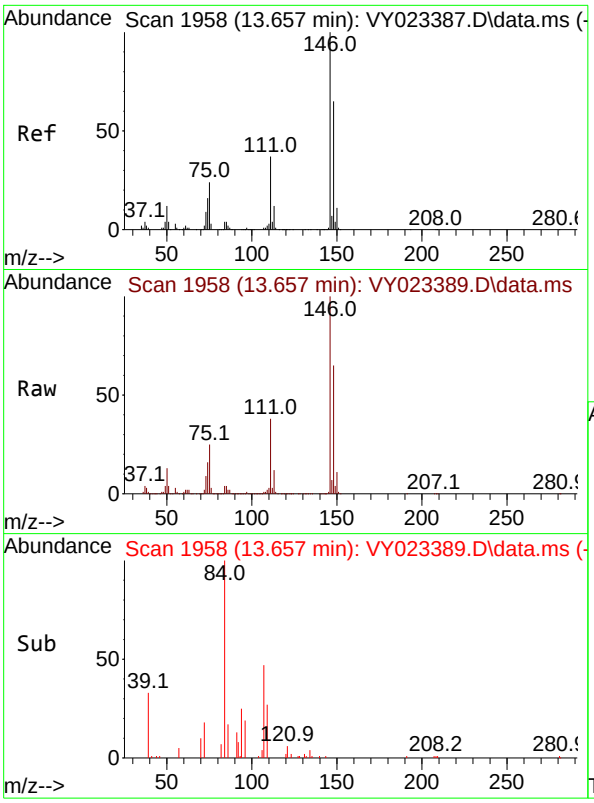


#90
Hexachloroethane
Concen: 151.487 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:117 Resp: 799264

Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.8	131.4

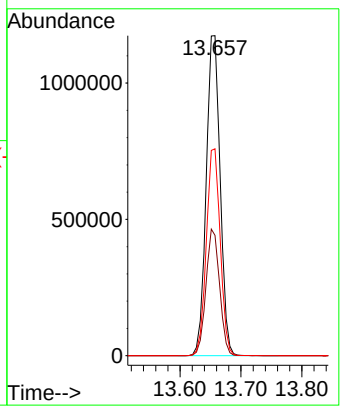




#91
1,2-Dichlorobenzene
Concen: 157.101 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:146 Resp: 186269

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.5	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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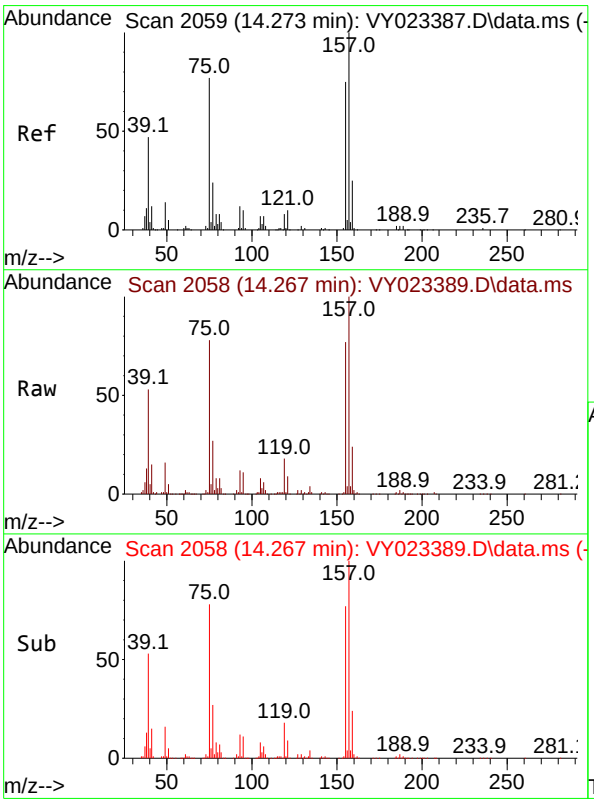
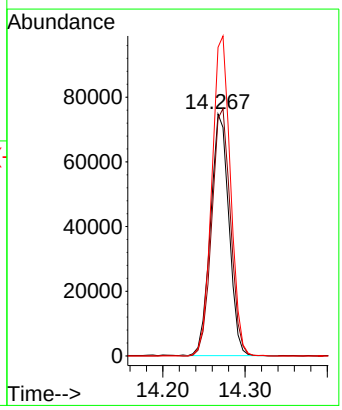
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

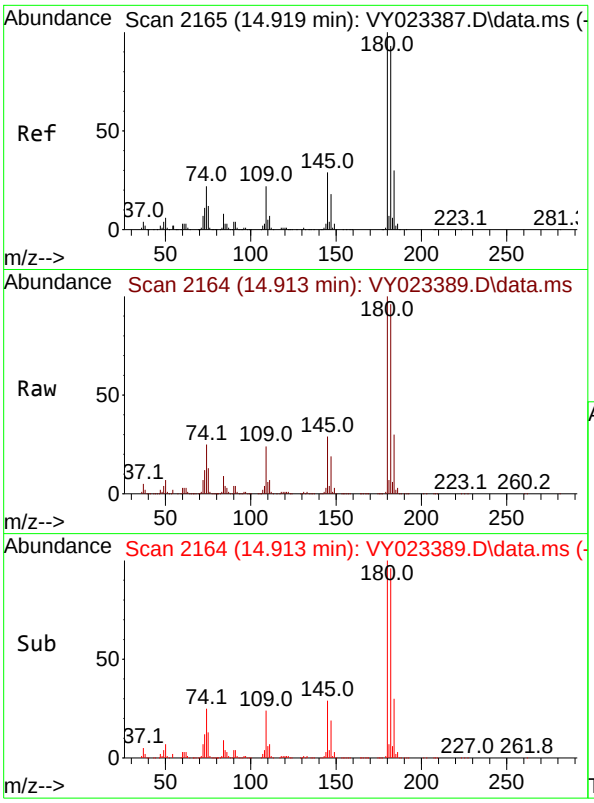


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.099 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 116273

Ion	Ratio	Lower	Upper
75	100		
155	103.6	50.0	150.0
157	133.4	63.8	191.5

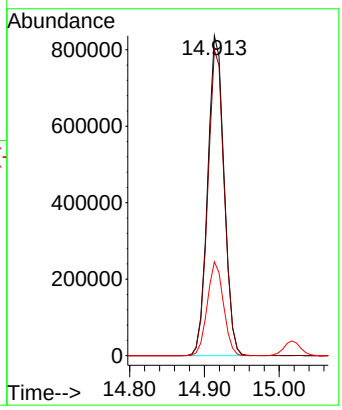




#93
1,2,4-Trichlorobenzene
Concen: 182.183 ug/l
RT: 14.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:180 Resp: 127262

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	28.9	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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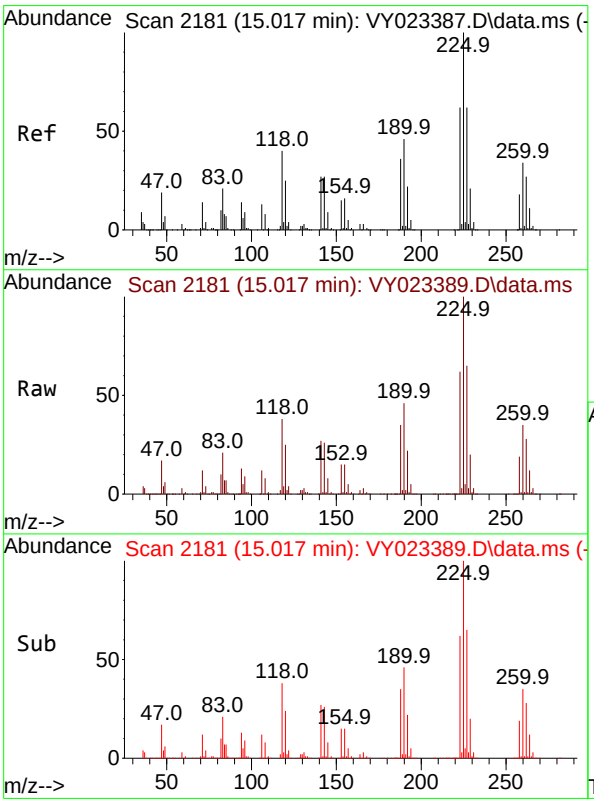
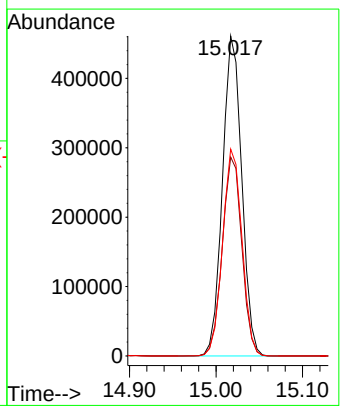
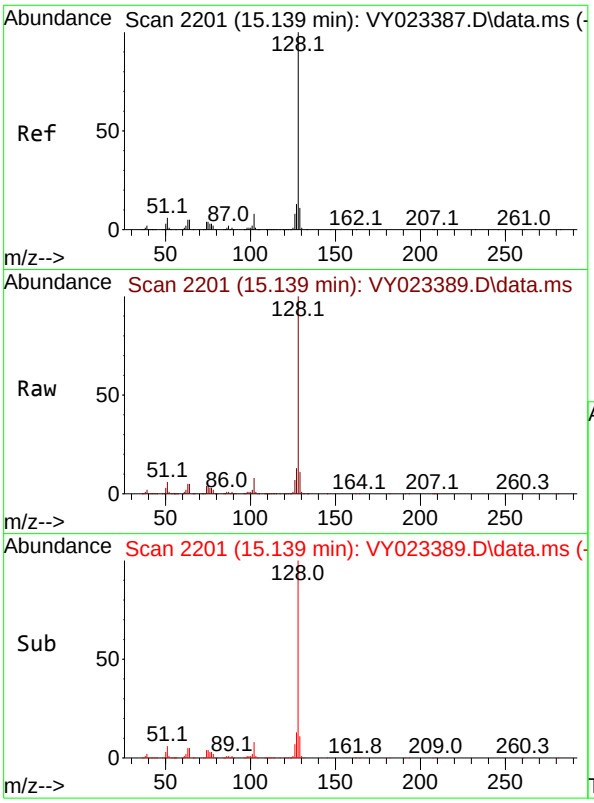


#94
Hexachlorobutadiene
Concen: 163.518 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:225 Resp: 711748

Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.3
227	65.0	31.9	95.7

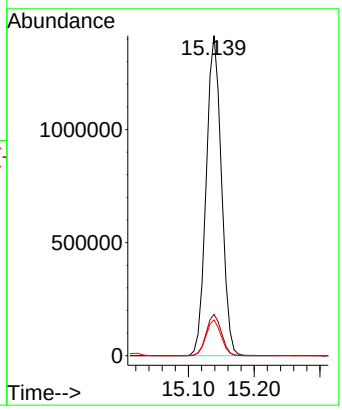




#95
Naphthalene
Concen: 204.639 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:128 Resp: 227754

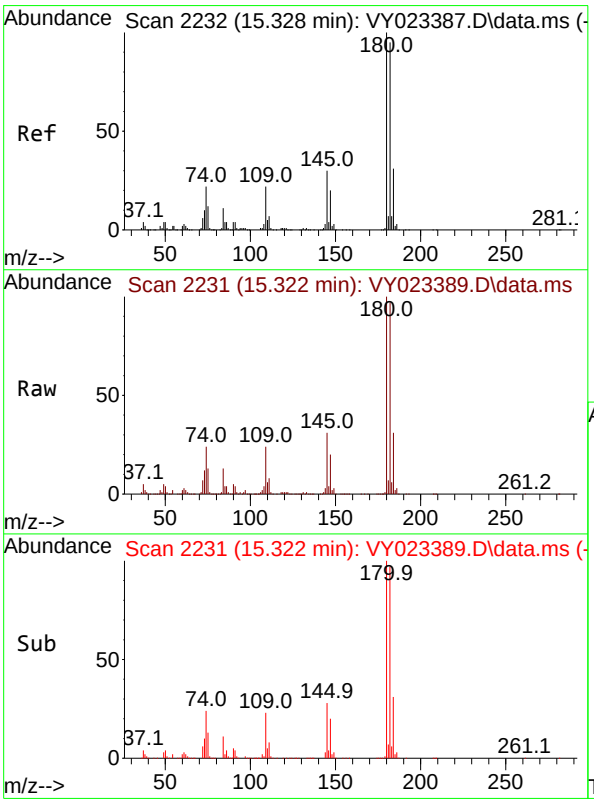
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

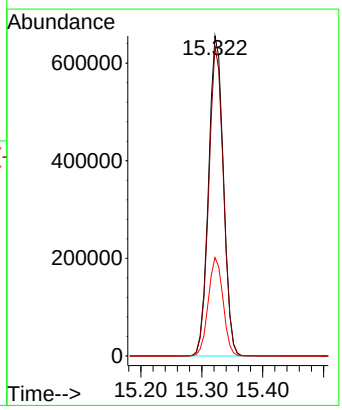
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 183.206 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:180 Resp: 1110193

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	30.5	15.3	45.9



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	861639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	771372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	405636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237493	49.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.900%			
35) Dibromofluoromethane	7.634	113	260038	49.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	970614	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	324700	49.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	185683	44.916	ug/l	99
3) Chloromethane	2.068	50	295766	52.519	ug/l	98
4) Vinyl Chloride	2.208	62	362714	49.449	ug/l	100
5) Bromomethane	2.598	94	300735	48.856	ug/l	98
6) Chloroethane	2.739	64	256831	51.367	ug/l	99
7) Trichlorofluoromethane	3.056	101	494789	48.582	ug/l	99
8) Diethyl Ether	3.458	74	135857	51.050	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	257524	48.728	ug/l	100
10) Methyl Iodide	4.007	142	305209	51.875	ug/l	98
11) Tert butyl alcohol	4.860	59	82562	231.079	ug/l	100
12) 1,1-Dichloroethene	3.787	96	254382	49.653	ug/l	97
13) Acrolein	3.653	56	124288	246.184	ug/l	99
14) Allyl chloride	4.385	41	316213	50.645	ug/l	99
15) Acrylonitrile	5.055	53	256219	251.575	ug/l	99
16) Acetone	3.866	43	243433	212.910	ug/l	98
17) Carbon Disulfide	4.104	76	733457	50.021	ug/l	100
18) Methyl Acetate	4.385	43	151281	50.439	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	643111	52.230	ug/l	97
20) Methylene Chloride	4.616	84	324604	52.503	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	290384	51.482	ug/l	98
22) Diisopropyl ether	6.019	45	709381	51.364	ug/l	99
23) Vinyl Acetate	5.958	43	1950969	260.981	ug/l	99
24) 1,1-Dichloroethane	5.915	63	464207	50.742	ug/l	98
25) 2-Butanone	6.890	43	325351	233.083	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416585	49.626	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	341964	52.485	ug/l	97
28) Bromochloromethane	7.244	49	155146	45.427	ug/l	100
29) Tetrahydrofuran	7.262	42	200513	253.317	ug/l	99
30) Chloroform	7.421	83	513997	51.137	ug/l	98
31) Cyclohexane	7.701	56	378819	47.416	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	456112	49.934	ug/l	100
36) 1,1-Dichloropropene	7.835	75	348786	49.761	ug/l	99
37) Ethyl Acetate	6.982	43	138119	49.740	ug/l	98
38) Carbon Tetrachloride	7.817	117	413653	48.671	ug/l	99
39) Methylcyclohexane	9.109	83	456031	49.970	ug/l	99
40) Benzene	8.079	78	1107790	49.906	ug/l	97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	72100	48.008	ug/l		96
42) 1,2-Dichloroethane	8.158	62	282332	49.318	ug/l		99
43) Isopropyl Acetate	8.195	43	279887	50.548	ug/l		100
44) Trichloroethene	8.866	130	319131	49.120	ug/l		98
45) 1,2-Dichloropropane	9.140	63	246887	50.355	ug/l		100
46) Dibromomethane	9.231	93	157758	50.885	ug/l		98
47) Bromodichloromethane	9.420	83	393918	50.450	ug/l		99
48) Methyl methacrylate	9.219	41	128606	49.440	ug/l		95
49) 1,4-Dioxane	9.231	88	37356	1039.252	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	724992	253.421	ug/l		100
52) Toluene	10.170	92	743055	51.556	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	347336	51.160	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	413860	51.649	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	210245	50.430	ug/l		97
56) Ethyl methacrylate	10.438	69	256731	53.385	ug/l		99
57) 1,3-Dichloropropane	10.713	76	337673	51.113	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	586266	272.133	ug/l		100
59) 2-Hexanone	10.762	43	501877	245.480	ug/l		99
60) Dibromochloromethane	10.908	129	297946	50.974	ug/l		99
61) 1,2-Dibromoethane	11.018	107	201415	50.658	ug/l		100
64) Tetrachloroethene	10.646	164	382998	48.087	ug/l		99
65) Chlorobenzene	11.438	112	828466	49.381	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	296157	49.537	ug/l		99
67) Ethyl Benzene	11.518	91	1380691	50.841	ug/l		100
68) m/p-Xylenes	11.627	106	1108386	101.757	ug/l		100
69) o-Xylene	11.950	106	526954	51.577	ug/l		100
70) Styrene	11.969	104	875709	52.122	ug/l		100
71) Bromoform	12.133	173	185682	50.070	ug/l	#	98
73) Isopropylbenzene	12.255	105	1345109	50.318	ug/l		100
74) N-amyl acetate	12.066	43	245291	51.087	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	217245	49.688	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	153438m	42.874	ug/l		
77) Bromobenzene	12.530	156	352420	49.590	ug/l		99
78) n-propylbenzene	12.591	91	1568180	50.694	ug/l		100
79) 2-Chlorotoluene	12.676	91	906610	50.047	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1106664	51.231	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	67959	46.566	ug/l		97
82) 4-Chlorotoluene	12.773	91	941314	50.455	ug/l		100
83) tert-Butylbenzene	12.993	119	1037510	52.019	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1110672	51.520	ug/l		99
85) sec-Butylbenzene	13.176	105	1454774	50.848	ug/l		100
86) p-Isopropyltoluene	13.292	119	1263377	51.864	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	686854	49.632	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	671644	49.140	ug/l		100
89) n-Butylbenzene	13.615	91	1100086	51.829	ug/l		99
90) Hexachloroethane	13.877	117	257335	49.116	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	602989	49.698	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34928	48.687	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	386806	51.138	ug/l		100
94) Hexachlorobutadiene	15.023	225	236040	50.061	ug/l		99
95) Naphthalene	15.139	128	628190	52.154	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	335267	51.172	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

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

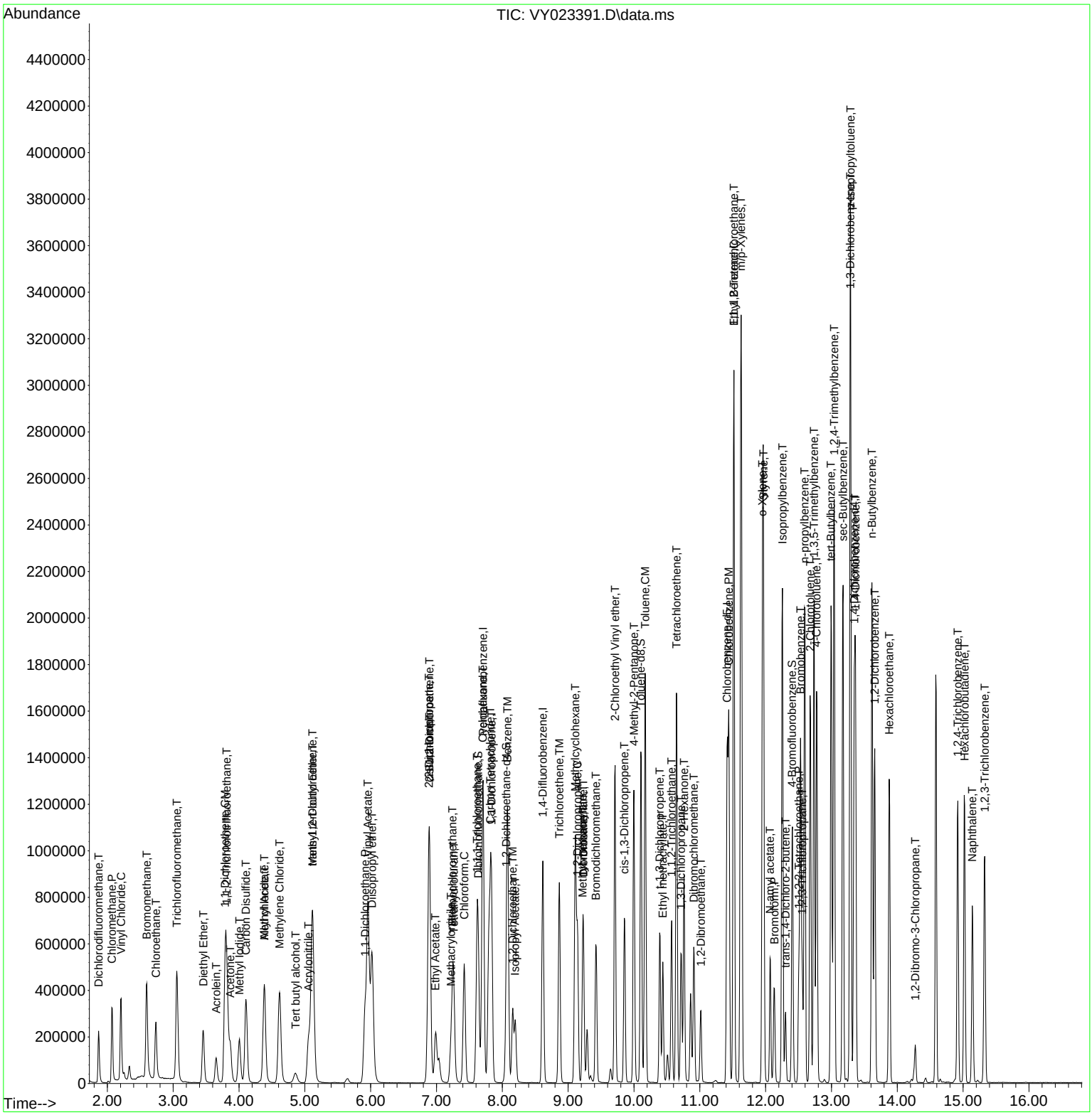
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

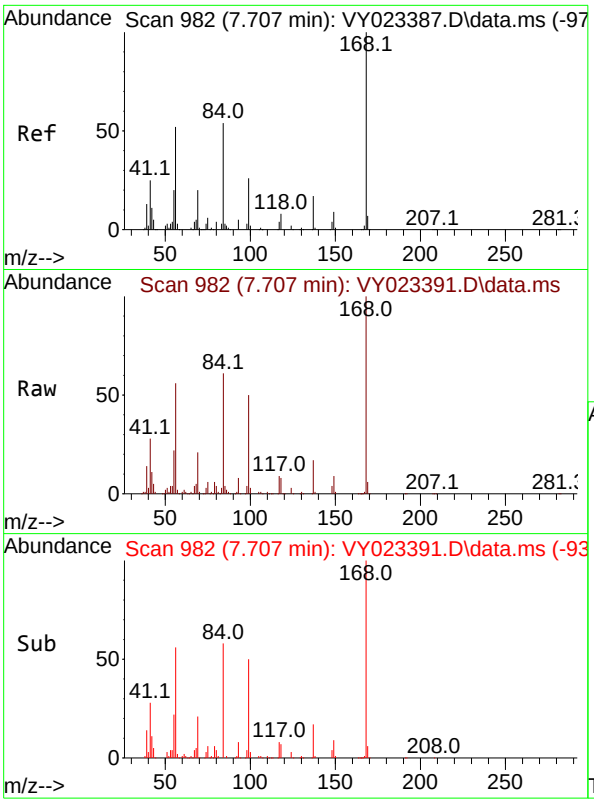
Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

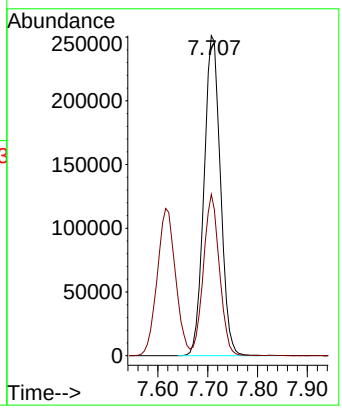




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:168 Resp: 57433

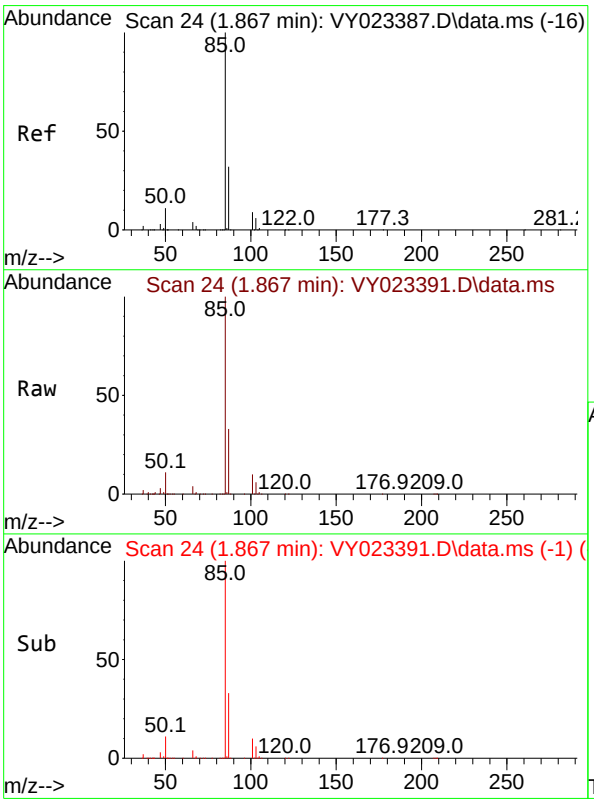
Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
APPROVED

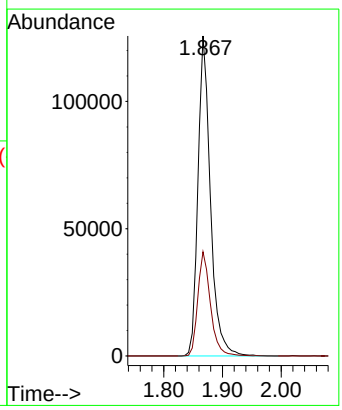
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

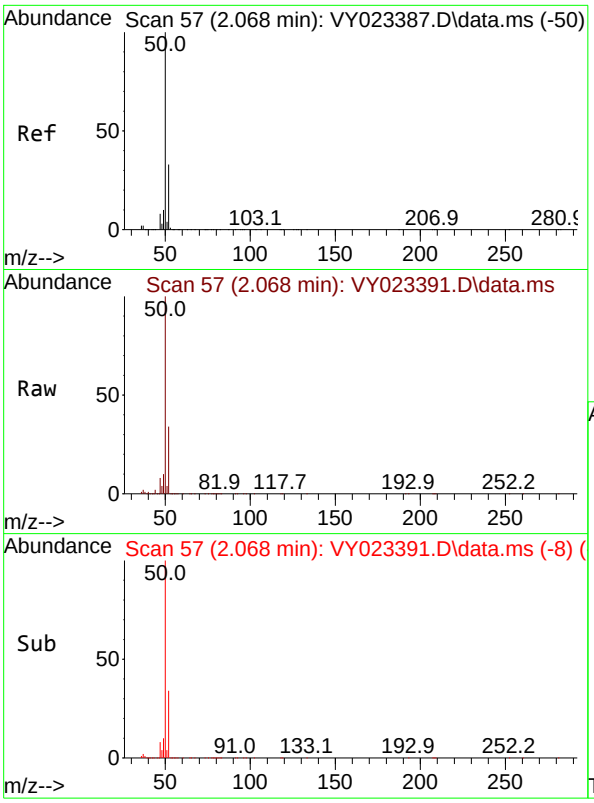


#2
Dichlorodifluoromethane
Concen: 44.916 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 85 Resp: 185683

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.0	47.9

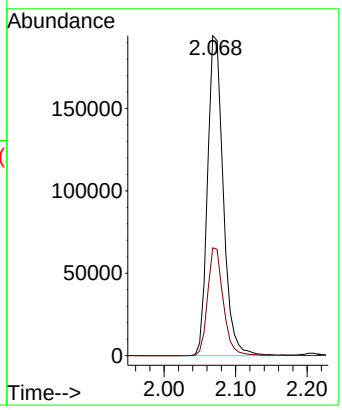




#3
Chloromethane
Concen: 52.519 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 50 Resp: 29576

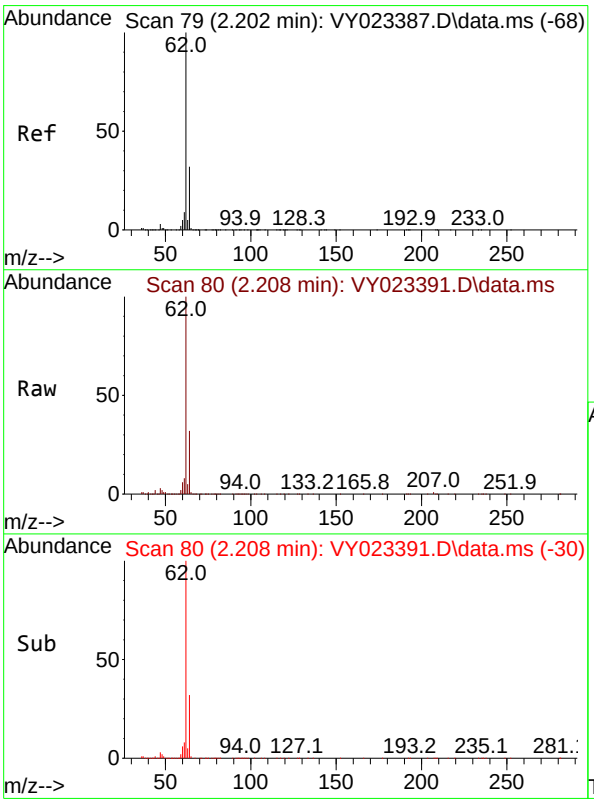
Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
APPROVED

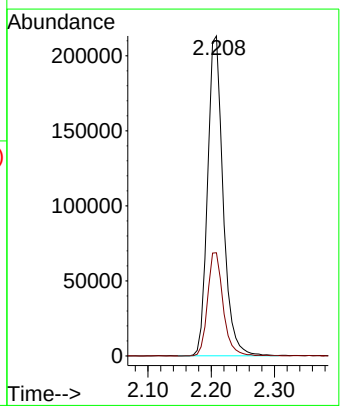
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

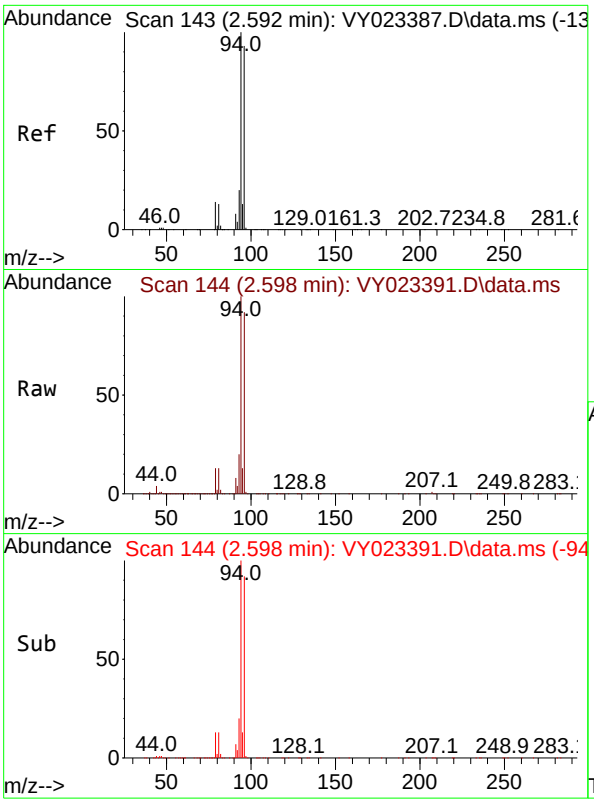


#4
Vinyl Chloride
Concen: 49.449 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 362714

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.8	38.8

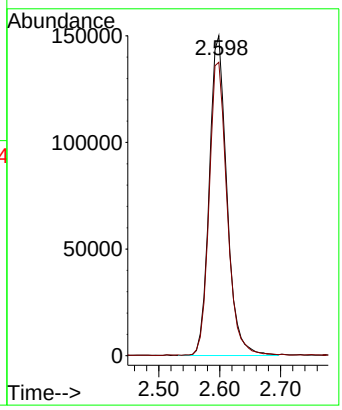




#5
Bromomethane
Concen: 48.856 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 94 Resp: 30073

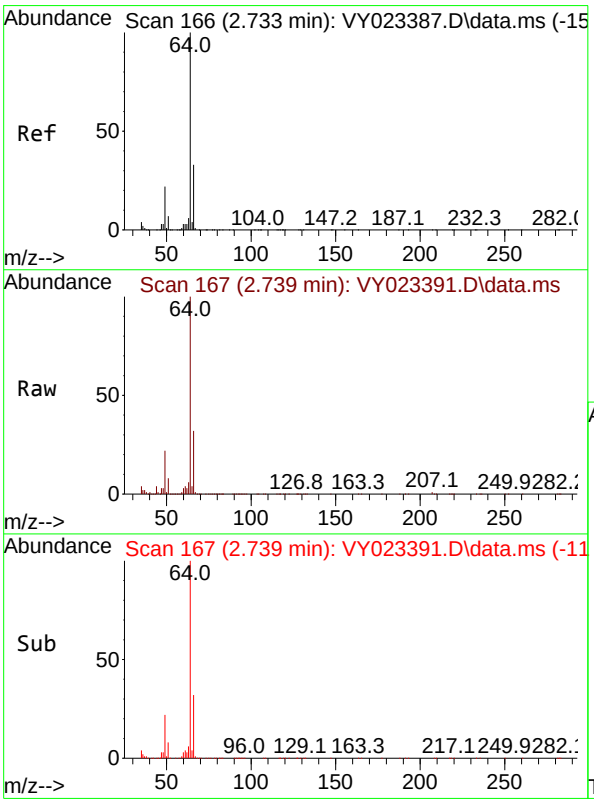
Ion	Ratio	Lower	Upper
94	100		
96	91.5	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
APPROVED

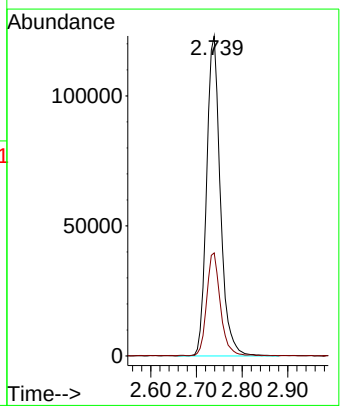
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

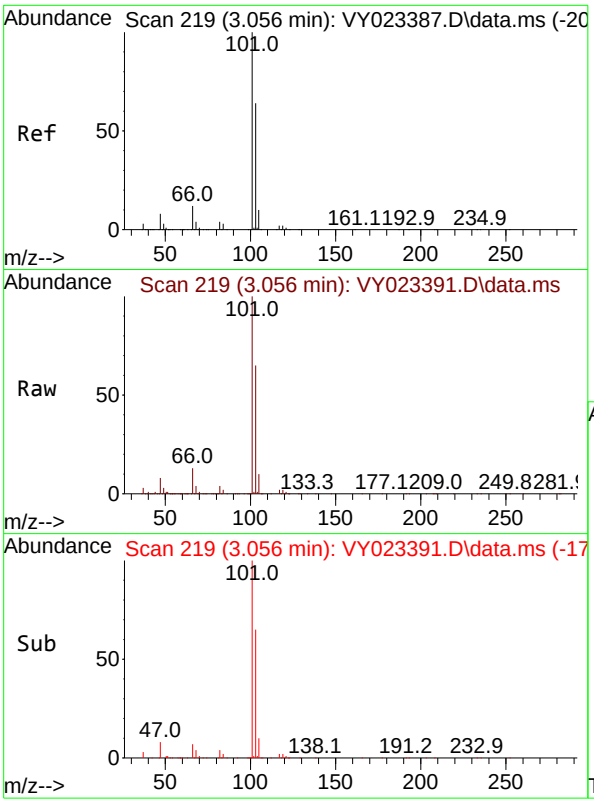


#6
Chloroethane
Concen: 51.367 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 64 Resp: 256831

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.2	39.4

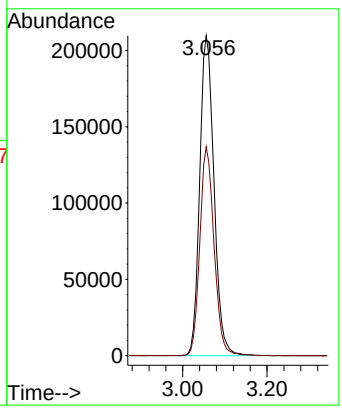




#7
Trichlorofluoromethane
Concen: 48.582 ug/l
RT: 3.056 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:101 Resp: 49478

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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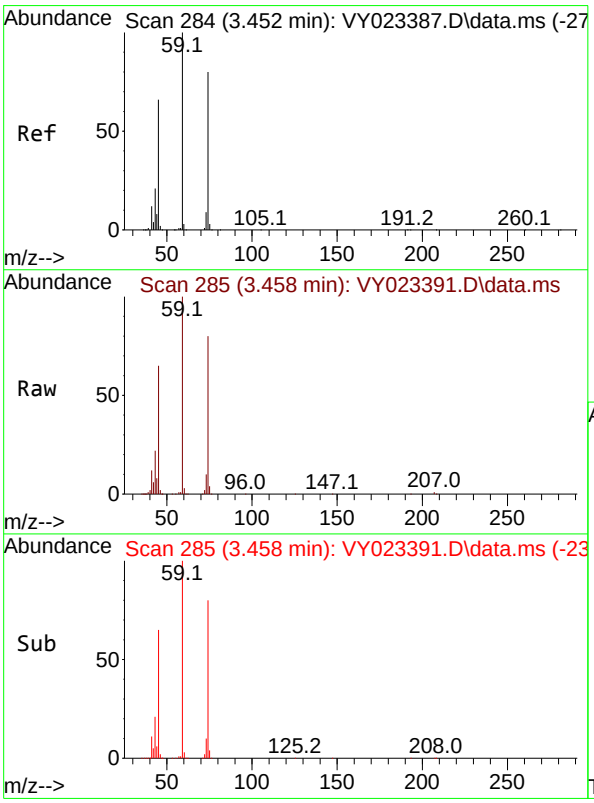
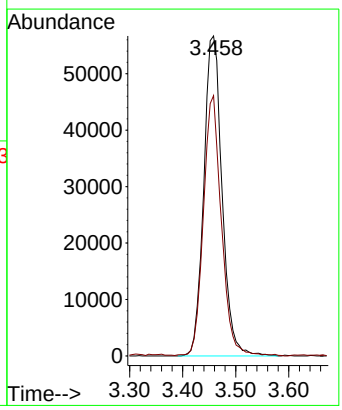
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

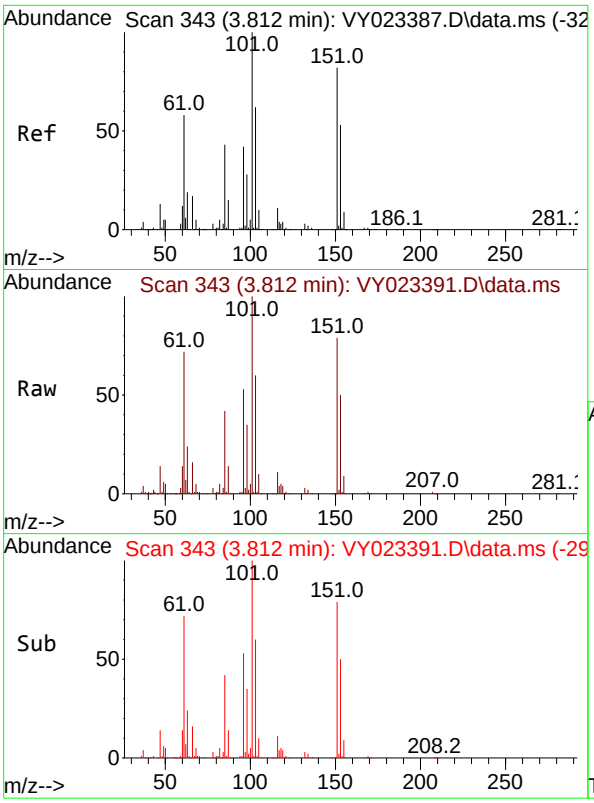


#8
Diethyl Ether
Concen: 51.050 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 74 Resp: 135857

Ion	Ratio	Lower	Upper
74	100		
45	80.1	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.728 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:101 Resp: 25752

Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	83.2	67.0	100.6

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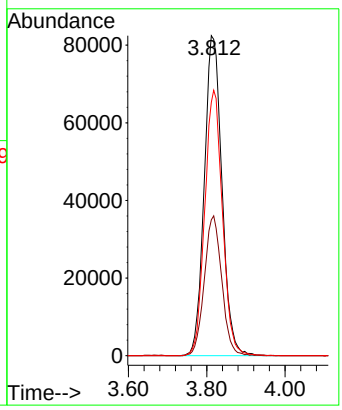
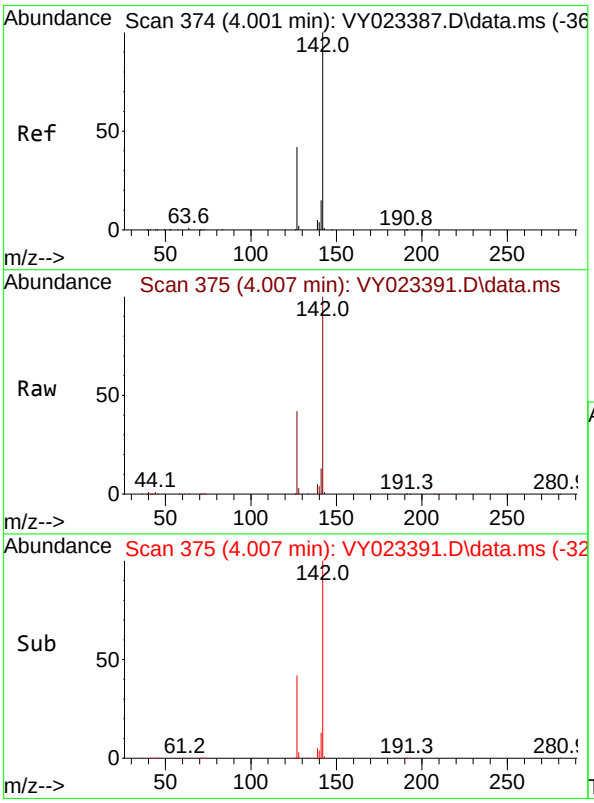
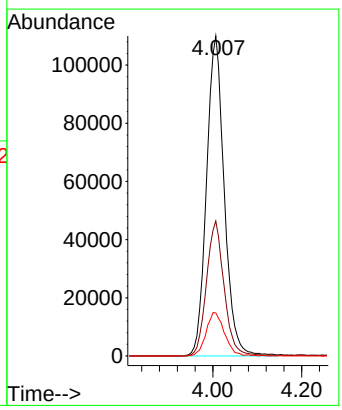


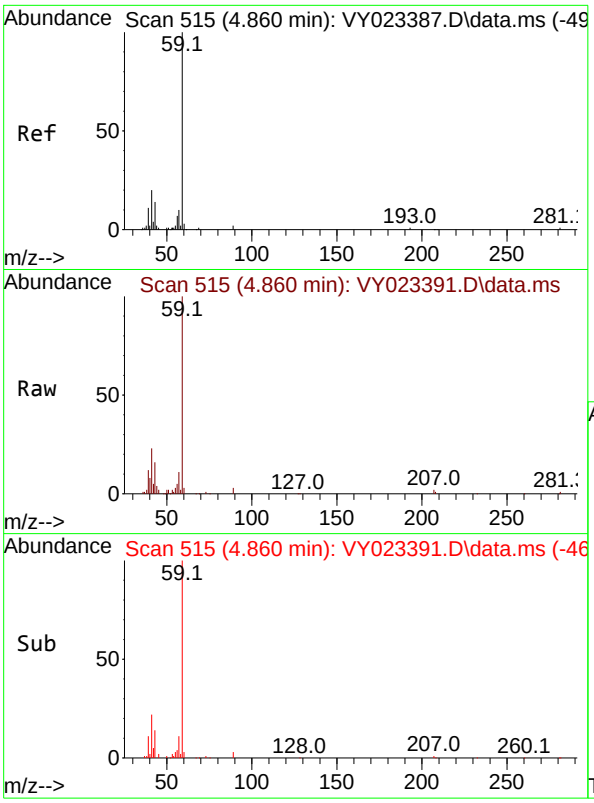


#10
Methyl Iodide
Concen: 51.875 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:142 Resp: 305209

Ion	Ratio	Lower	Upper
142	100		
127	41.8	34.8	52.2
141	14.1	11.6	17.4

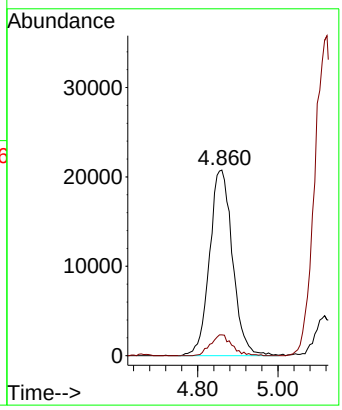




#11
Tert butyl alcohol
Concen: 231.079 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 59 Resp: 8256

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
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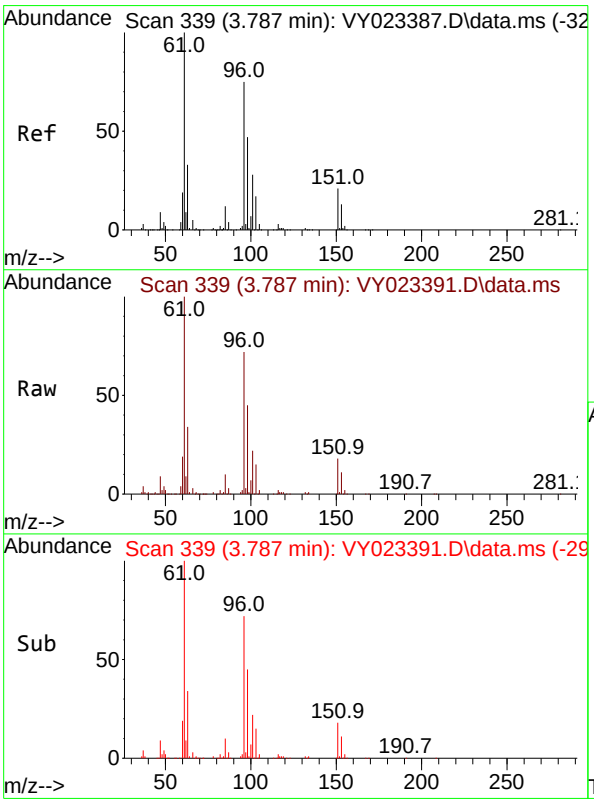
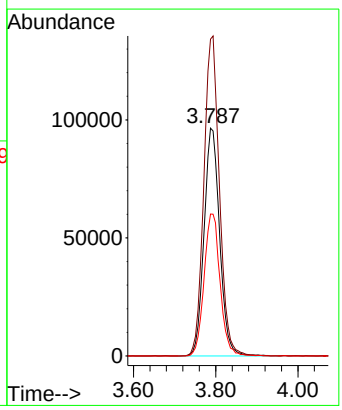
Supervised By :Mahesh Dadoda 10/10/2025

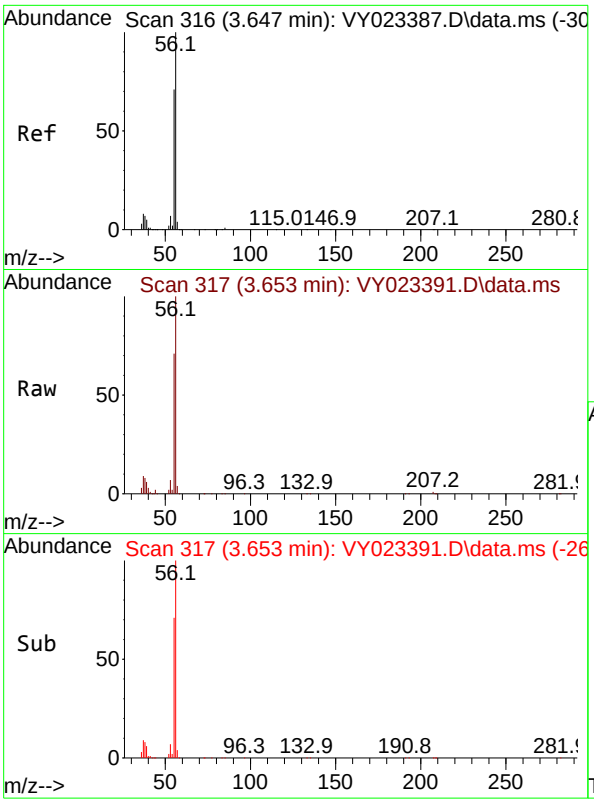


#12
1,1-Dichloroethene
Concen: 49.653 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 96 Resp: 254382

Ion	Ratio	Lower	Upper
96	100		
61	139.1	106.7	160.1
98	62.3	50.2	75.4

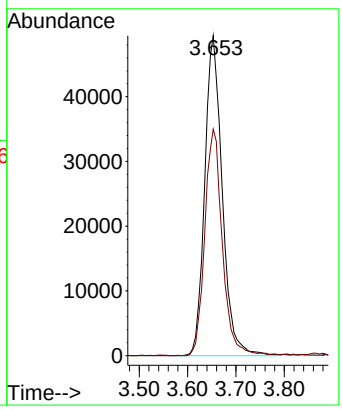




#13
Acrolein
Concen: 246.184 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 56 Resp: 12428

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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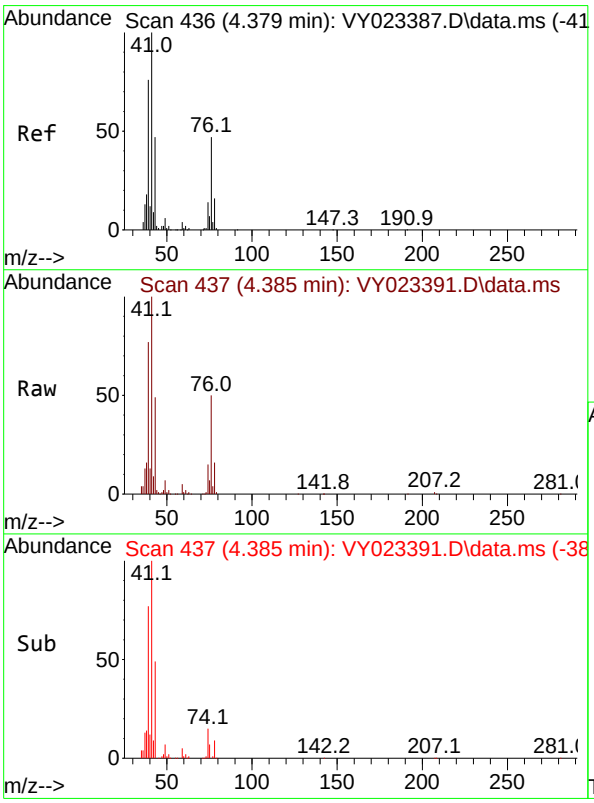
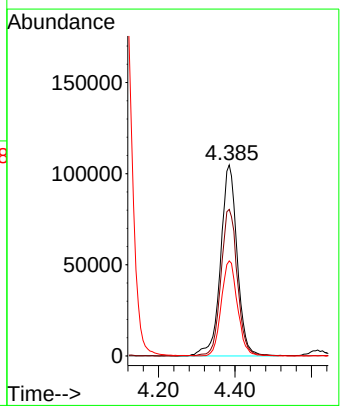
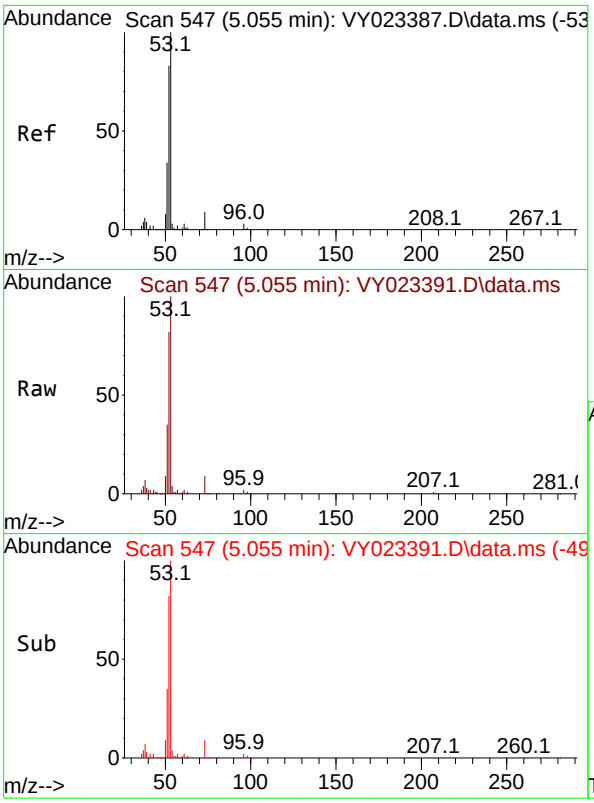


#14
Allyl chloride
Concen: 50.645 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 316213

Ion	Ratio	Lower	Upper
41	100		
39	76.2	59.9	89.9
76	48.1	38.0	57.0

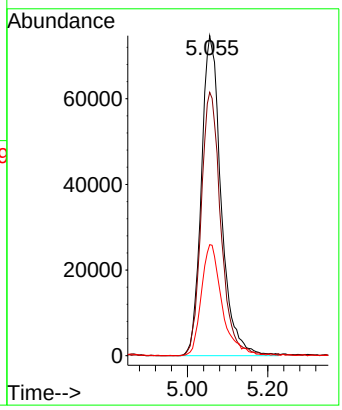




#15
Acrylonitrile
Concen: 251.575 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 53 Resp: 25621

Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.6	97.0
51	36.4	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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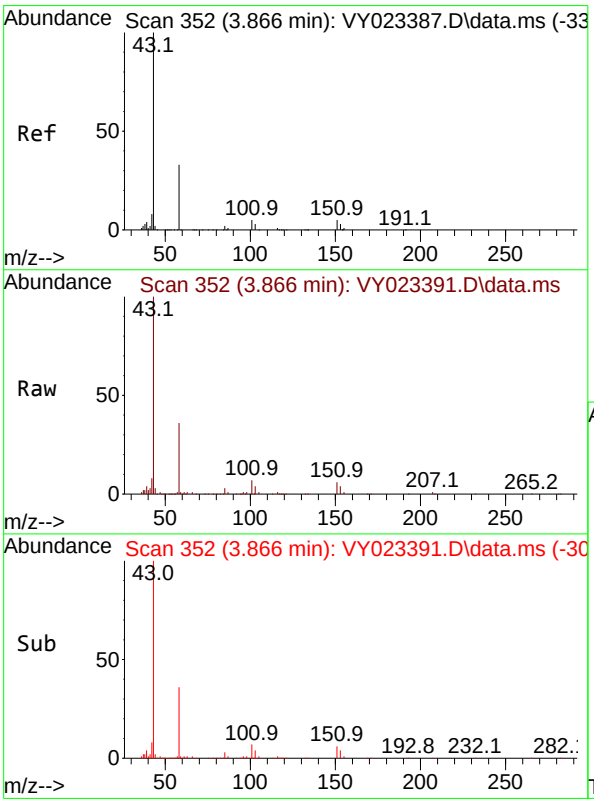
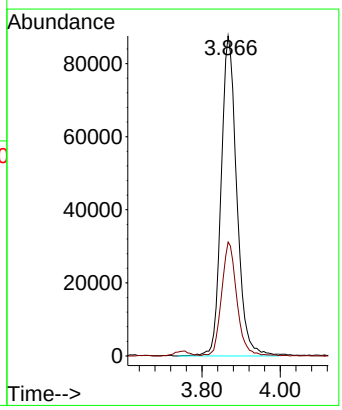
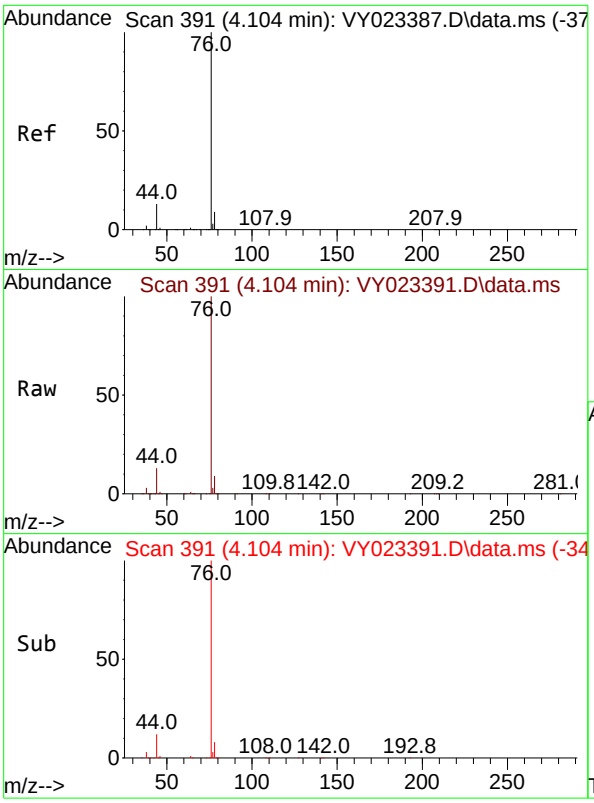


#16
Acetone
Concen: 212.910 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 243433

Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.7	41.5

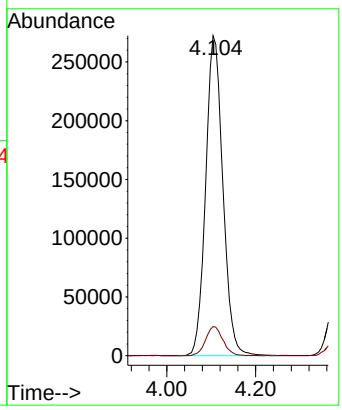




#17
Carbon Disulfide
Concen: 50.021 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 76 Resp: 73345

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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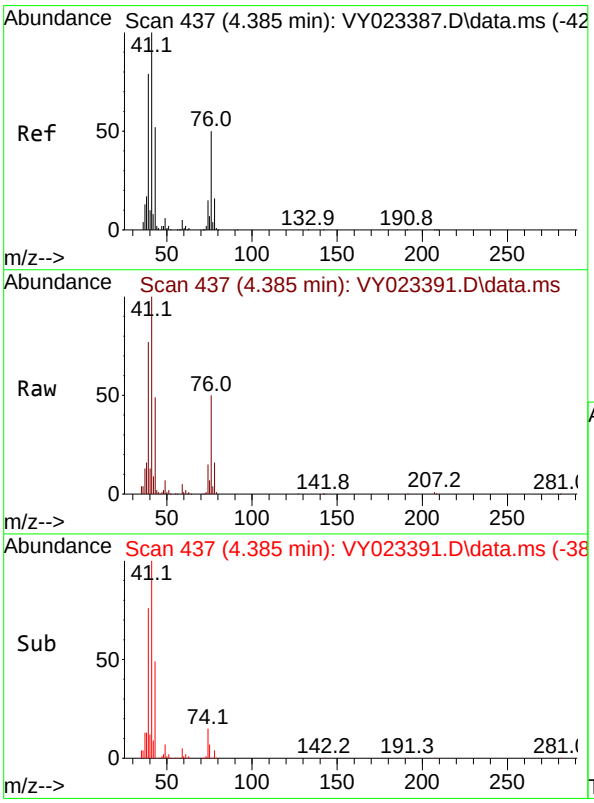
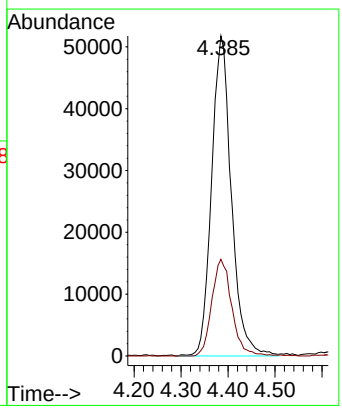
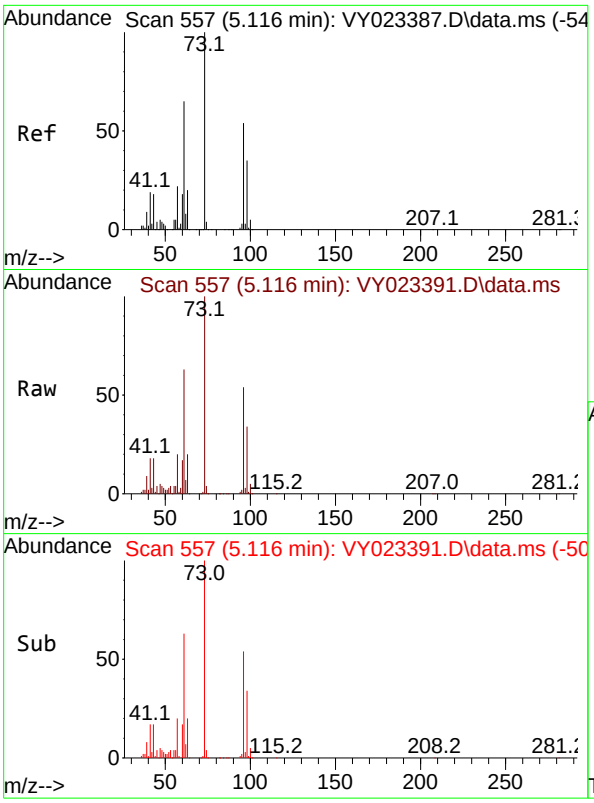


#18
Methyl Acetate
Concen: 50.439 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 151281

Ion	Ratio	Lower	Upper
43	100		
74	30.5	24.2	36.4

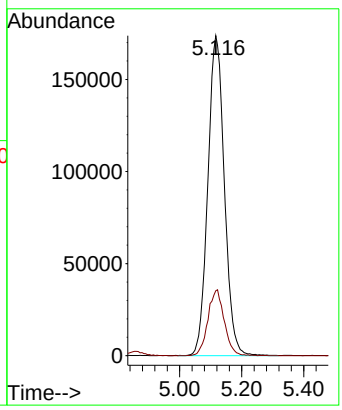




#19
Methyl tert-butyl Ether
Concen: 52.230 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 73 Resp: 64311

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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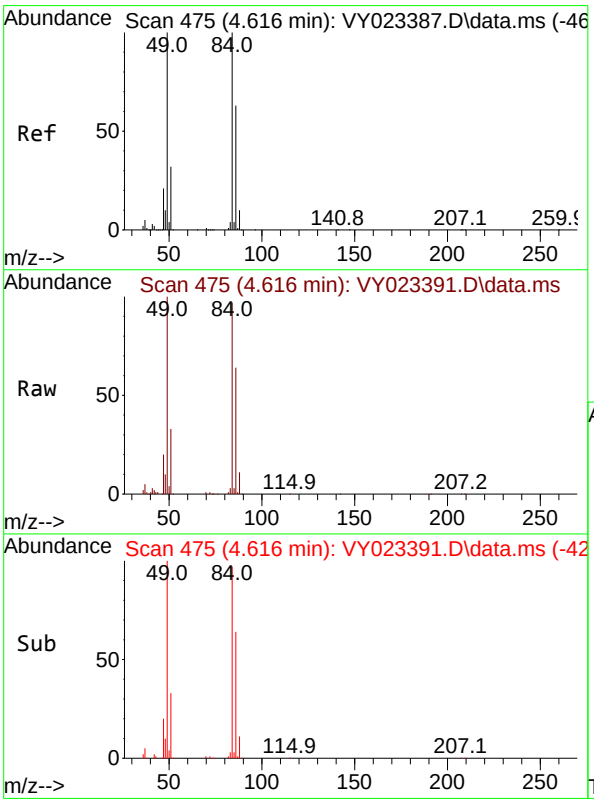
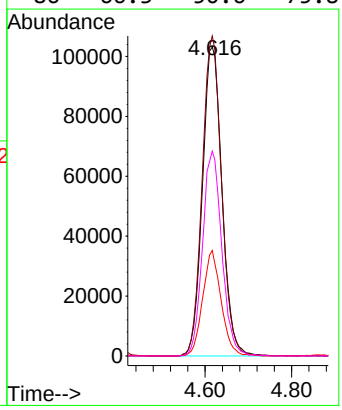
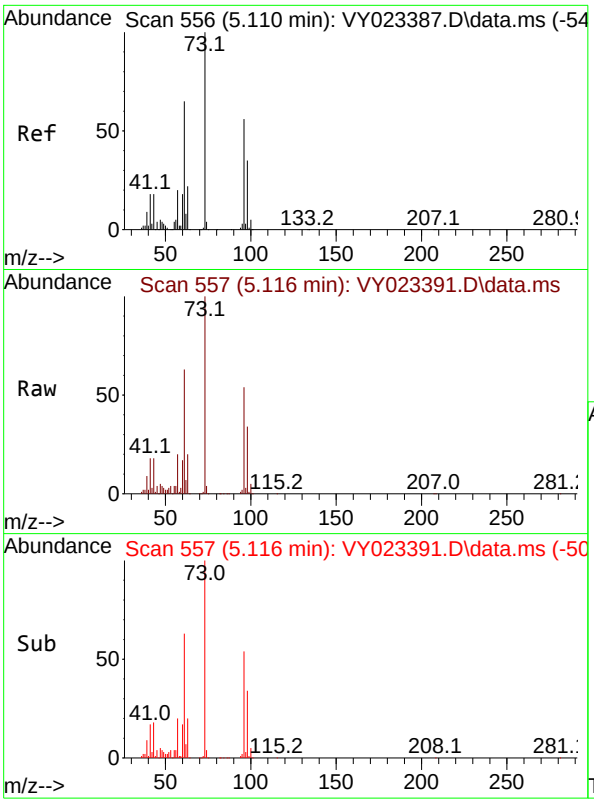


#20
Methylene Chloride
Concen: 52.503 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 84 Resp: 324604

Ion	Ratio	Lower	Upper
84	100		
49	103.5	80.2	120.4
51	34.1	25.9	38.9
86	66.3	50.6	75.8

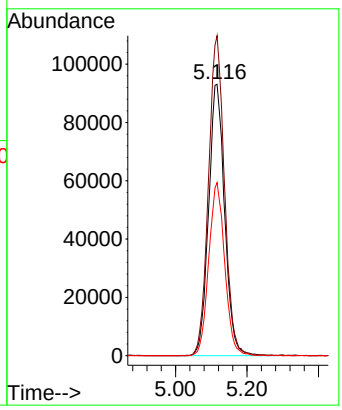




#21
trans-1,2-Dichloroethene
Concen: 51.482 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 96 Resp: 29038

Ion	Ratio	Lower	Upper
96	100		
61	117.9	92.7	139.1
98	63.8	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
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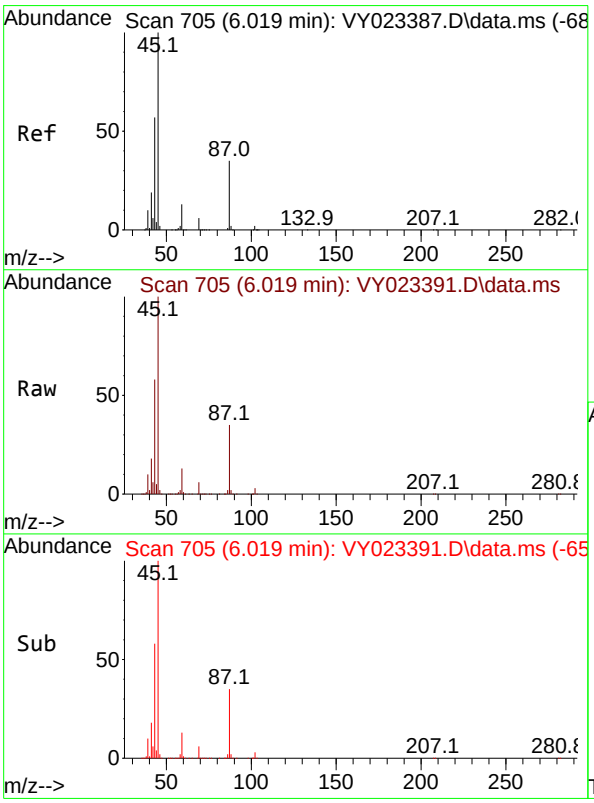
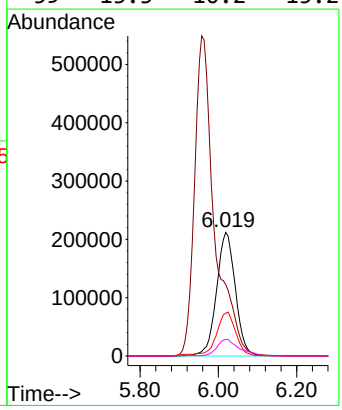
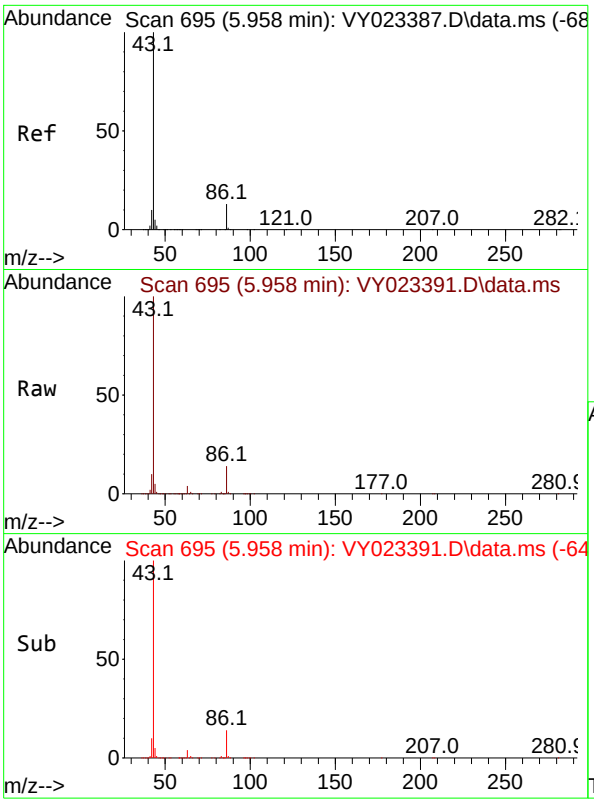


#22
Diisopropyl ether
Concen: 51.364 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 45 Resp: 709381

Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	34.6	28.1	42.1
59	13.3	10.2	15.2

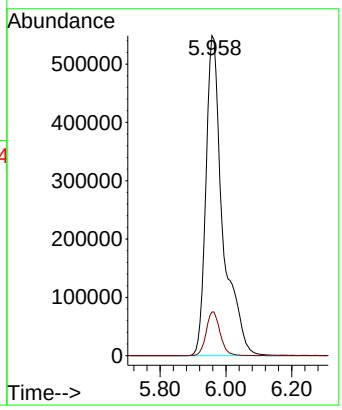




#23
Vinyl Acetate
Concen: 260.981 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 195096

Ion	Ratio	Lower	Upper
43	100		
86	13.7	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
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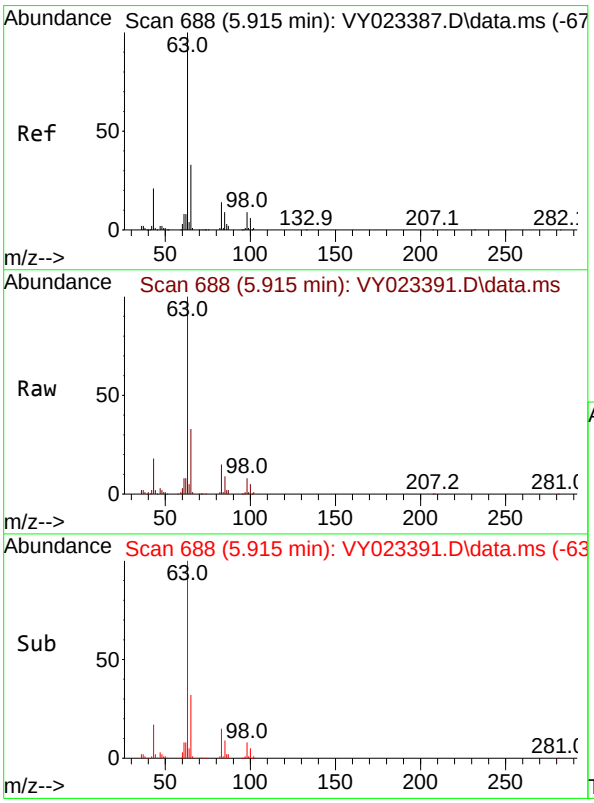
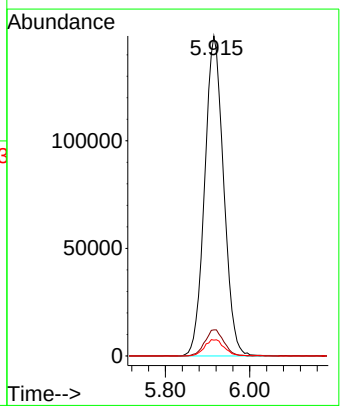
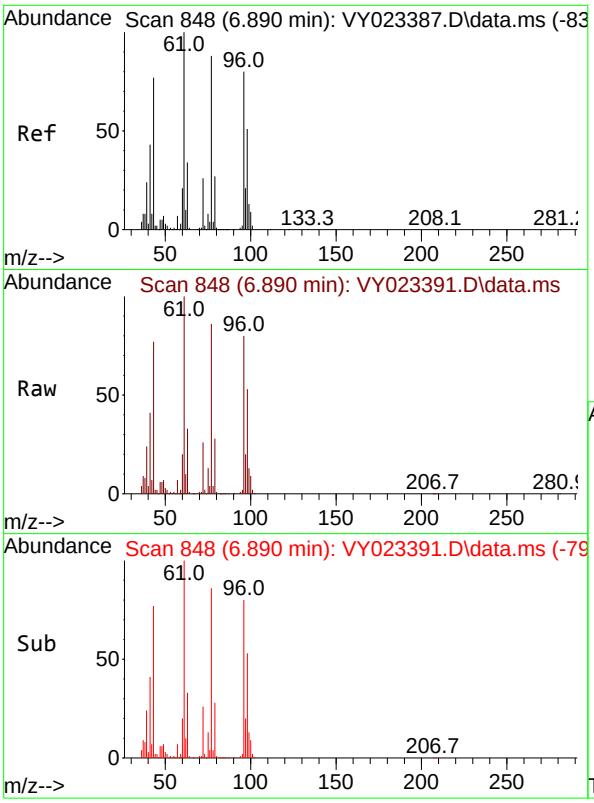


#24
1,1-Dichloroethane
Concen: 50.742 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 464207

Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.3	13.1
100	5.0	2.8	8.4





#25
2-Butanone
Concen: 233.083 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 32535

Ion	Ratio	Lower	Upper
43	100		
72	33.8	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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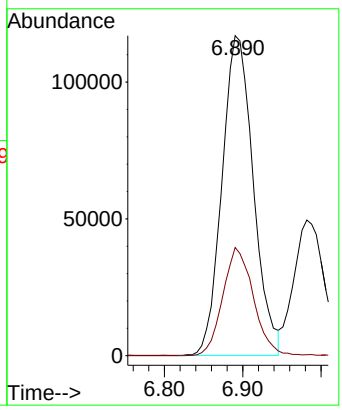
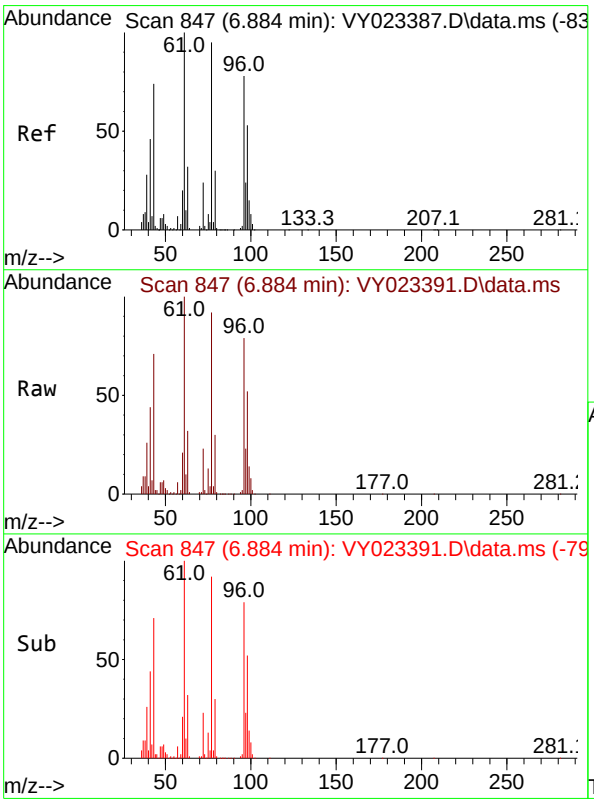
Supervised By :Mahesh Dadoda 10/10/2025

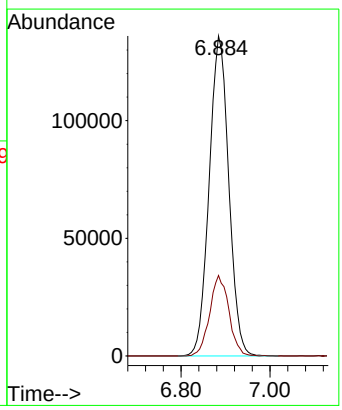


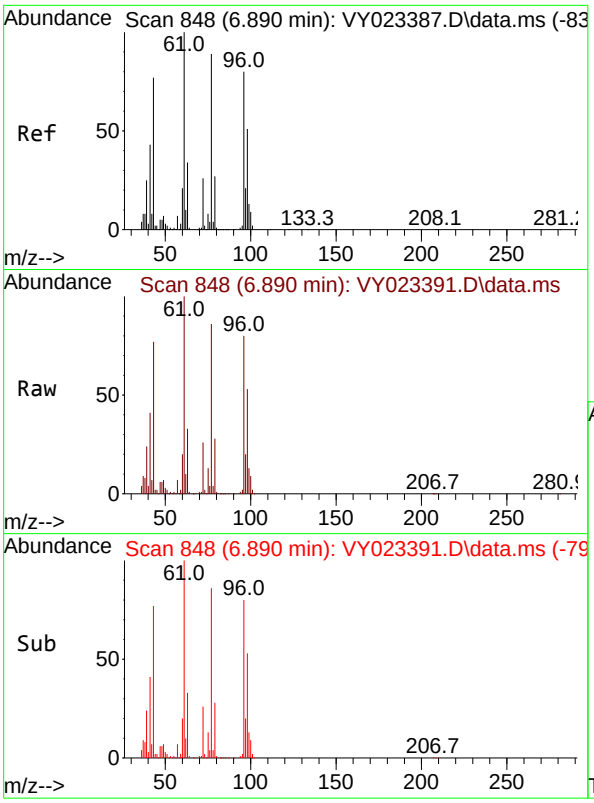


#26
2,2-Dichloropropane
Concen: 49.626 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 77 Resp: 416585

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.1	36.3

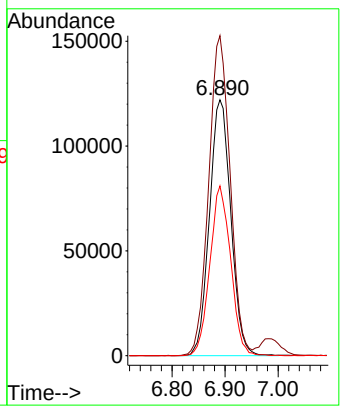




#27
cis-1,2-Dichloroethene
Concen: 52.485 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 96 Resp: 34196

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	258.2
98	64.3	0.0	132.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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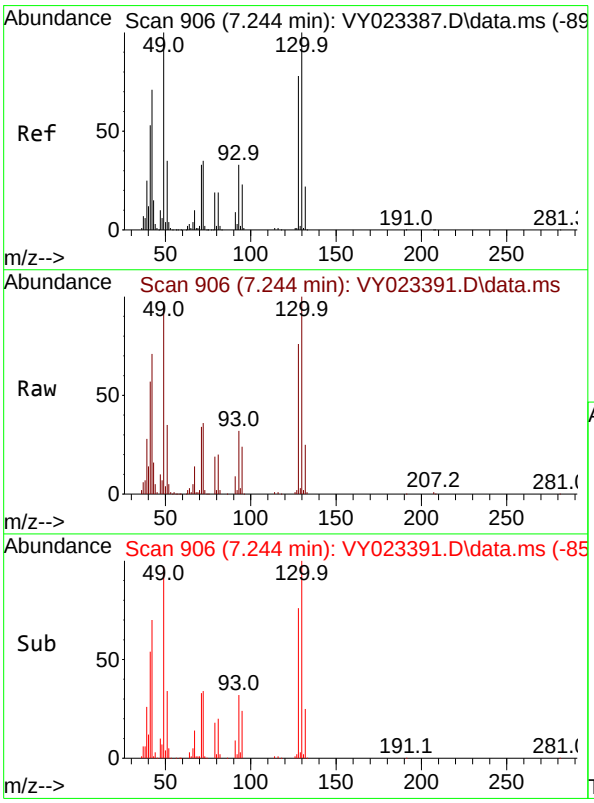
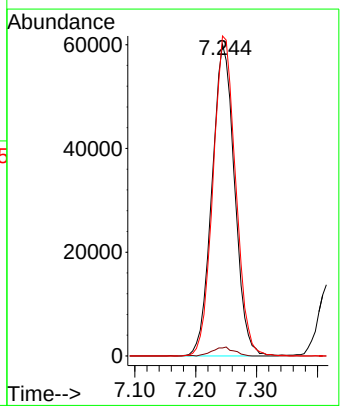
Supervised By :Mahesh Dadoda 10/10/2025

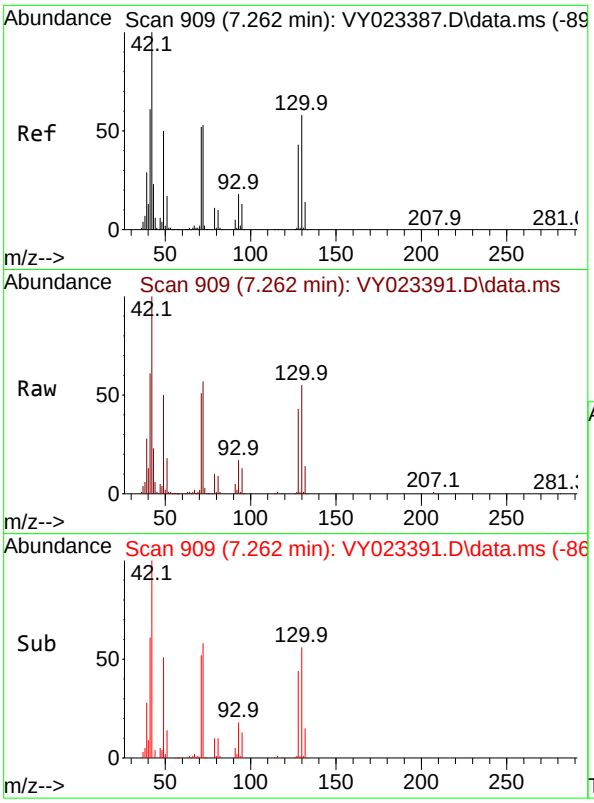


#28
Bromochloromethane
Concen: 45.427 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 49 Resp: 155146

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.6	81.9	122.9

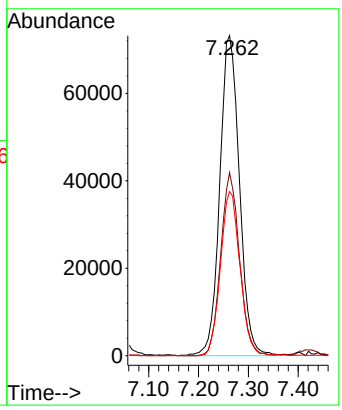




#29
Tetrahydrofuran
Concen: 253.317 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 42 Resp: 20051

Ion	Ratio	Lower	Upper
42	100		
72	54.6	43.0	64.6
71	51.1	40.1	60.1



Instrument :
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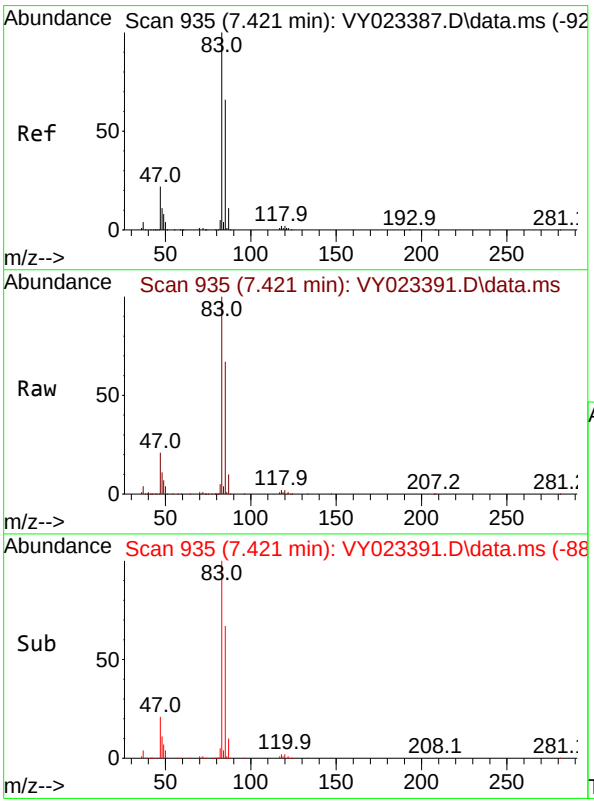
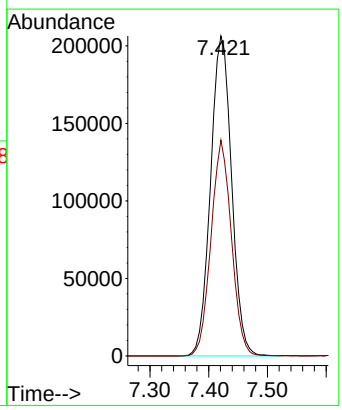
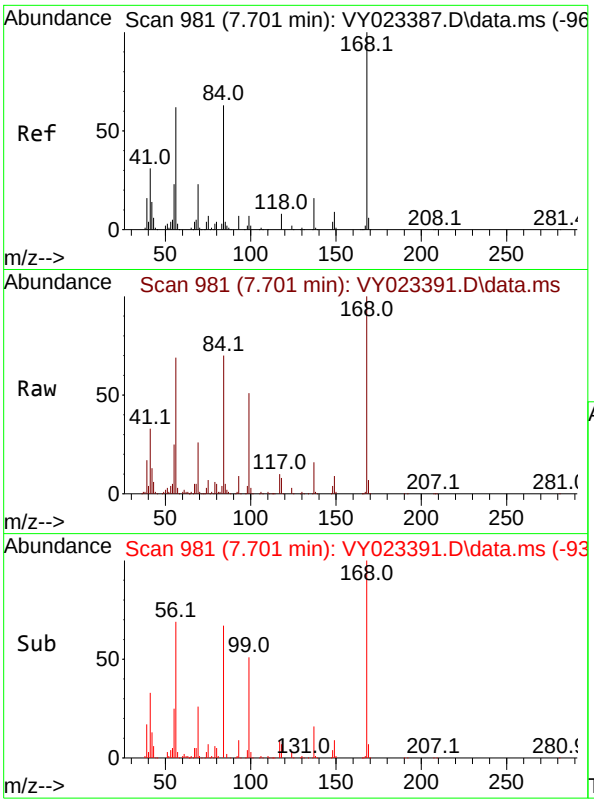


#30
Chloroform
Concen: 51.137 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 513997

Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.5	78.7





#31
Cyclohexane
Concen: 47.416 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 56 Resp: 37881

Ion	Ratio	Lower	Upper
56	100		
69	37.1	30.0	45.0
84	99.4	81.2	121.8

Instrument :
MSVOA_Y
ClientSampleId :
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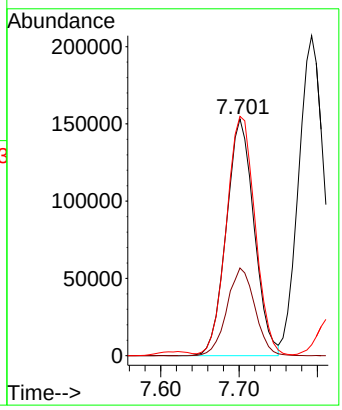
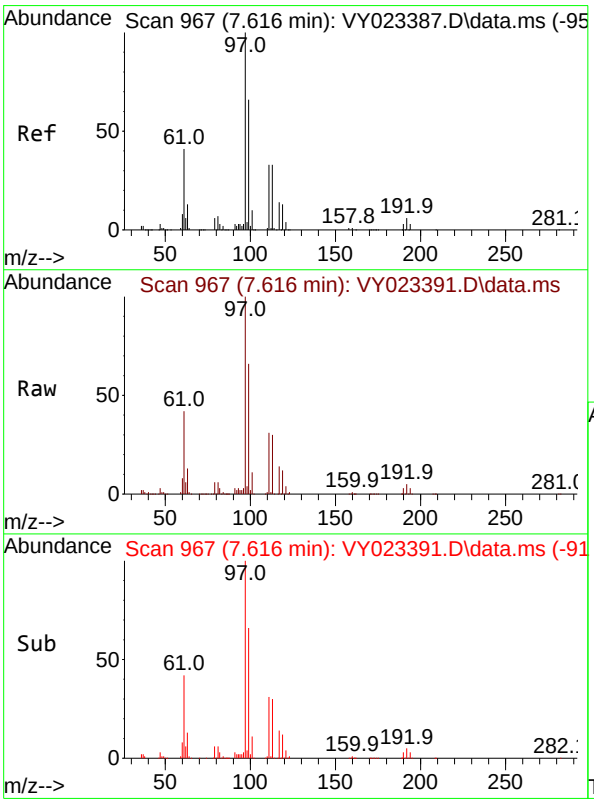
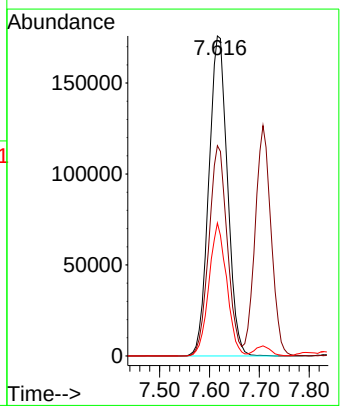


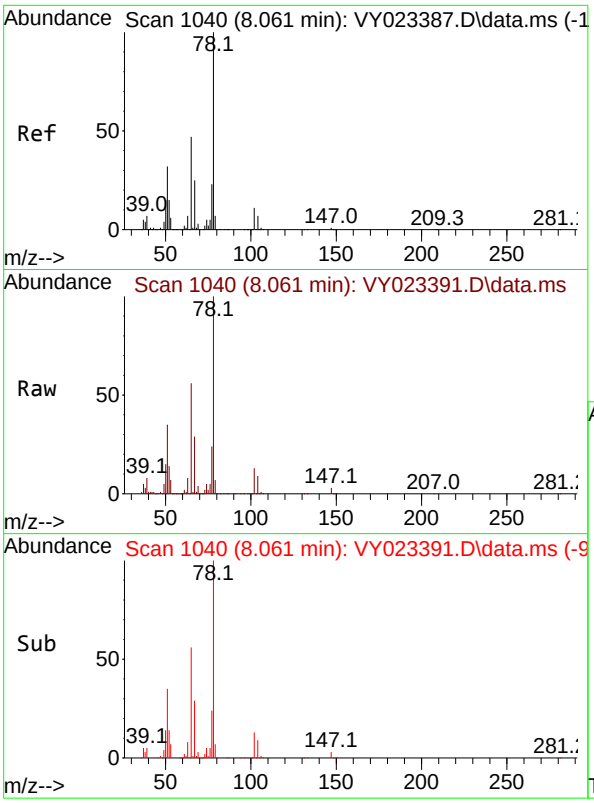


#32
1,1,1-Trichloroethane
Concen: 49.934 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 97 Resp: 456112

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	39.8	31.9	47.9

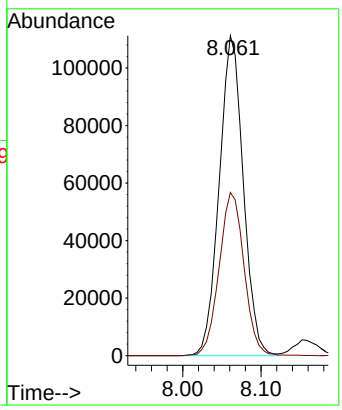




#33
1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 65 Resp: 23749

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
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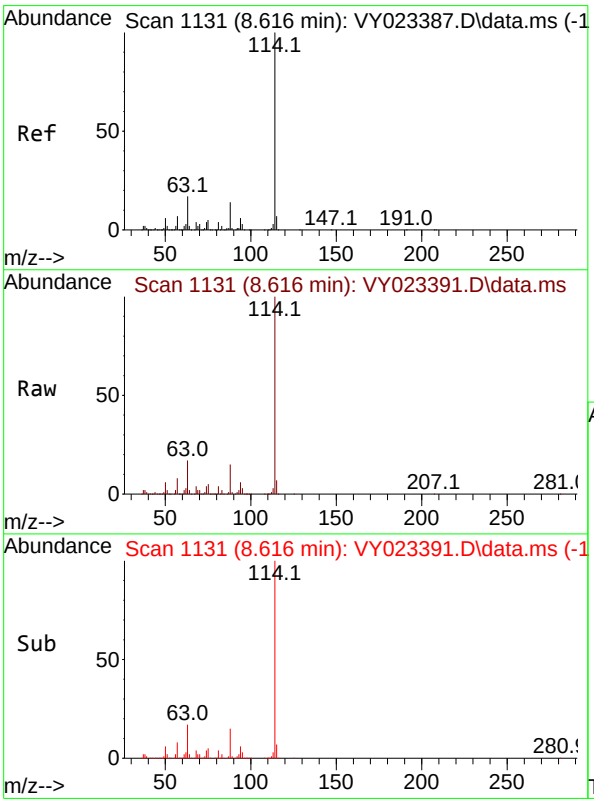
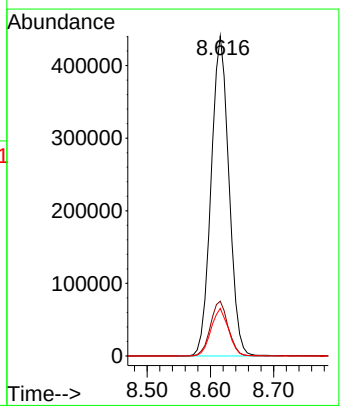
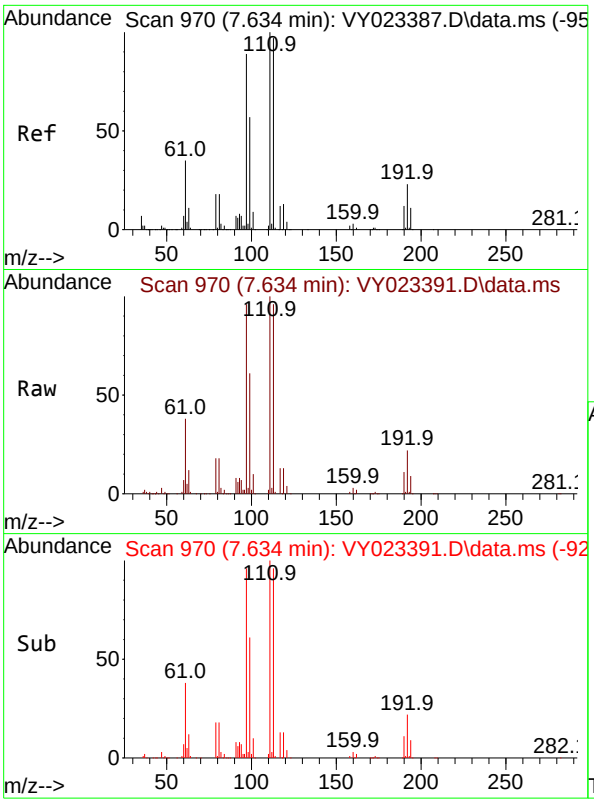


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:114 Resp: 861639

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.2
88	14.9	0.0	28.4





#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:113 Resp: 26003

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	22.5	18.0	27.0

Instrument :
MSVOA_Y
ClientSampleId :
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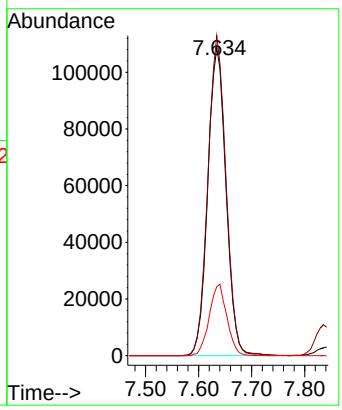
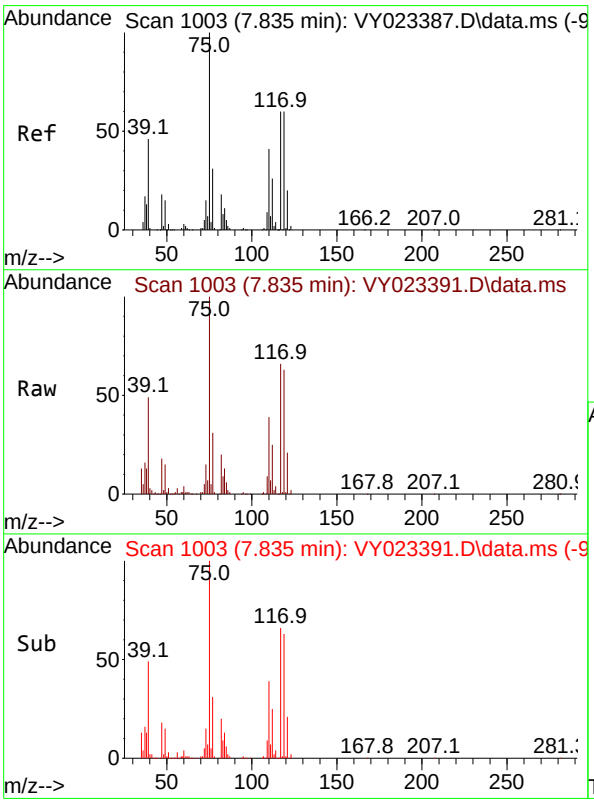
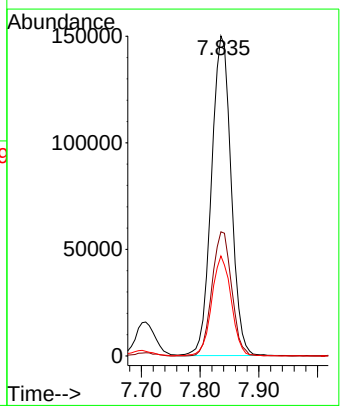


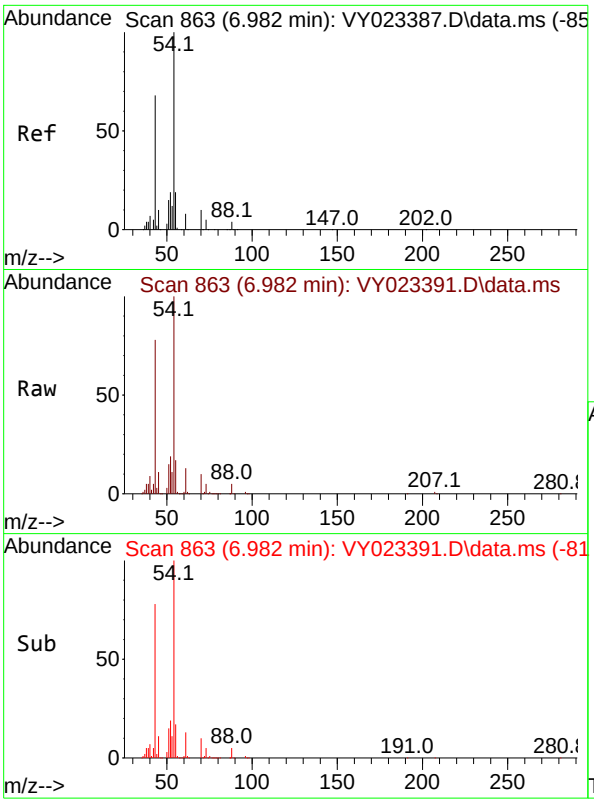


#36
1,1-Dichloropropene
Concen: 49.761 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 348786

Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.9	59.7
77	31.0	25.0	37.6





#37
Ethyl Acetate
Concen: 49.740 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 13811

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.8
70	12.7	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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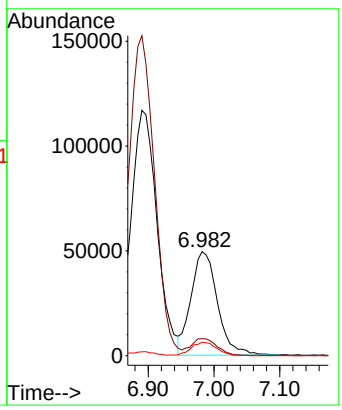
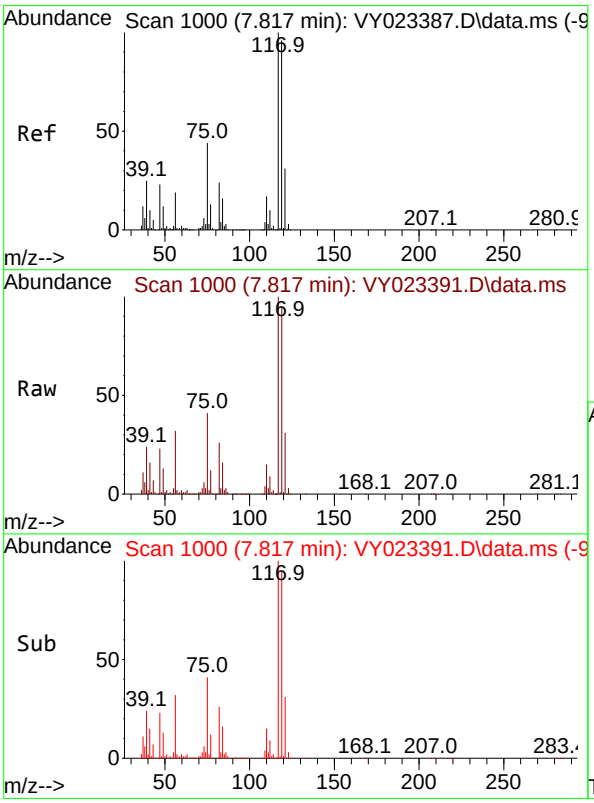
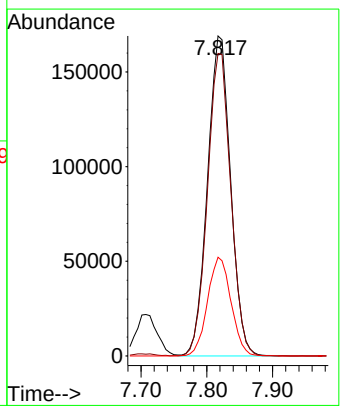


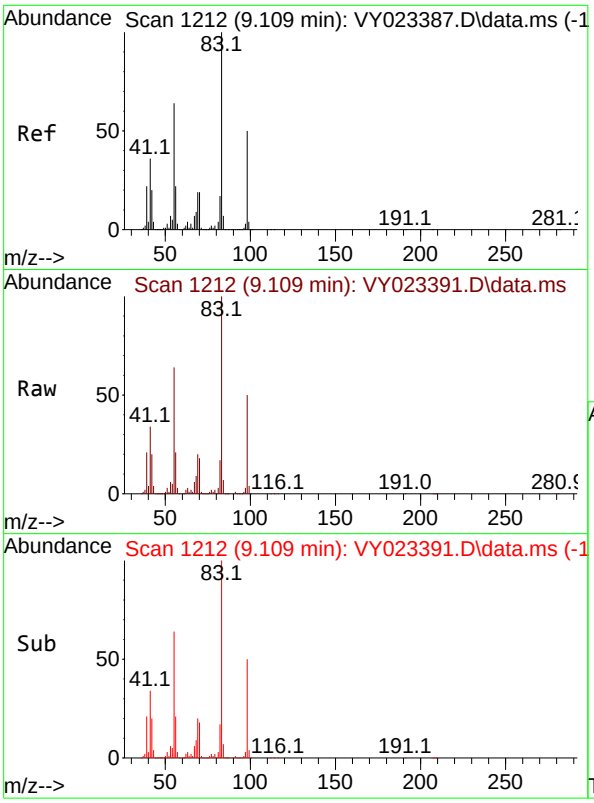


#38
Carbon Tetrachloride
Concen: 48.671 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:117 Resp: 413653

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.8	115.2
121	30.8	24.5	36.7

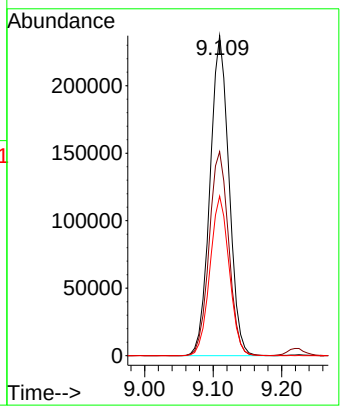




#39
Methylcyclohexane
Concen: 49.970 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 45603

Ion	Ratio	Lower	Upper
83	100		
55	63.8	51.4	77.2
98	49.9	40.4	60.6



Instrument :
MSVOA_Y
ClientSampleId :
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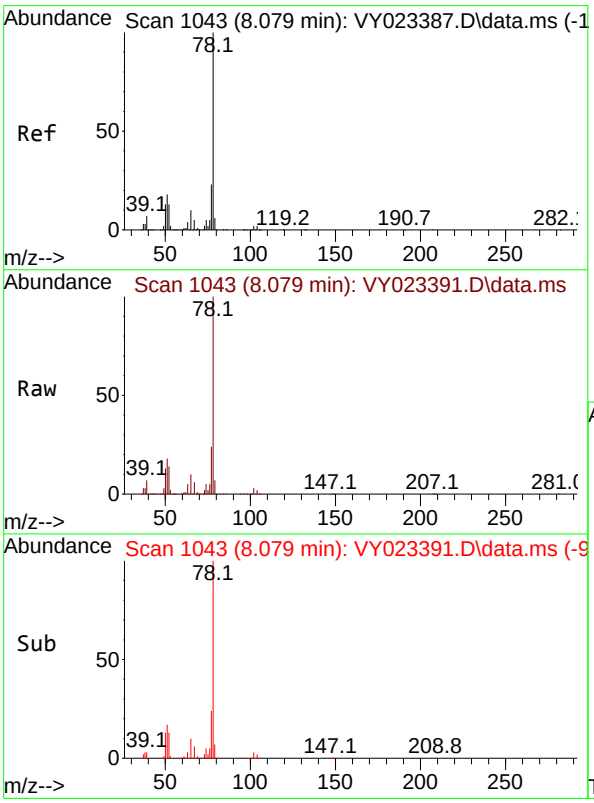
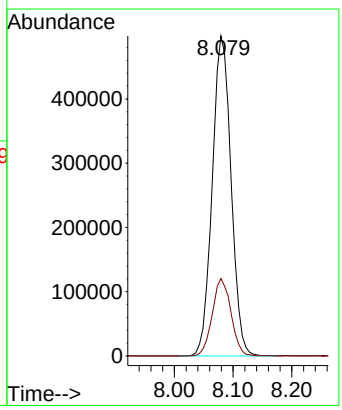
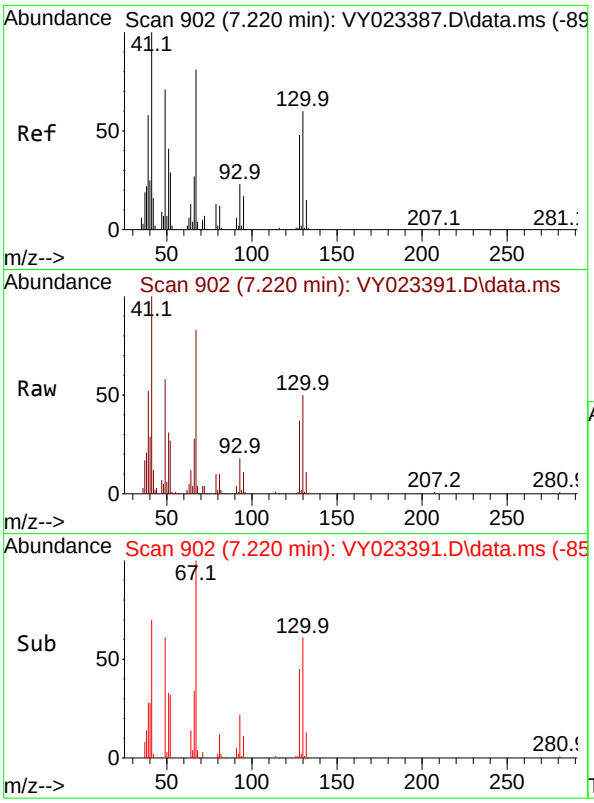


#40
Benzene
Concen: 49.906 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 78 Resp: 1107790

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.3	27.5

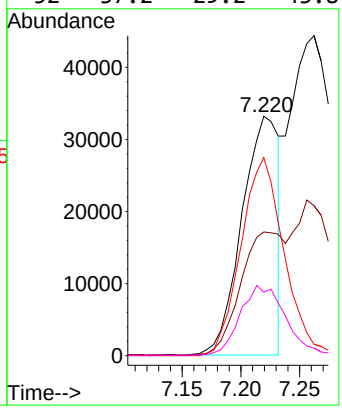




#41
Methacrylonitrile
Concen: 48.008 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 7210

Ion	Ratio	Lower	Upper
41	100		
39	62.2	52.2	78.4
67	97.9	74.9	112.3
52	37.2	29.2	43.8



Instrument :
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ClientSampleId :
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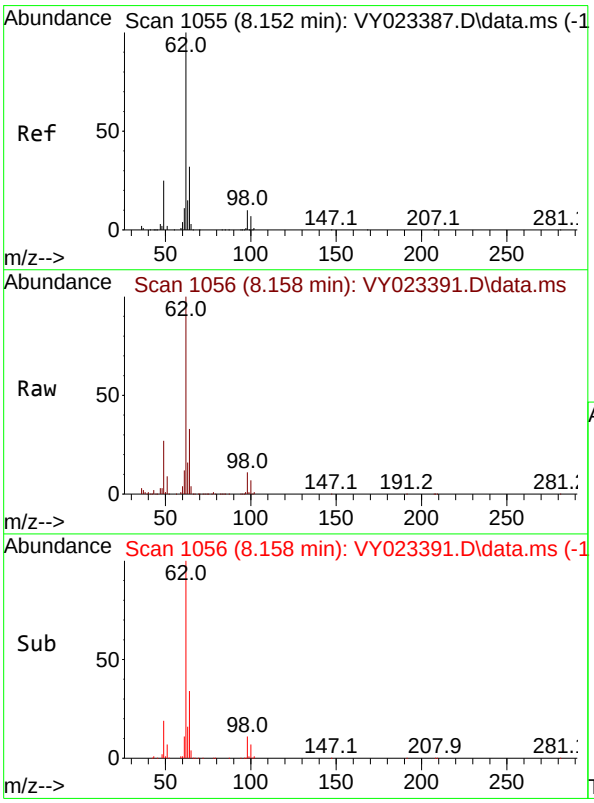
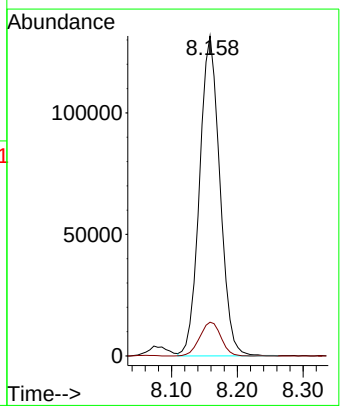
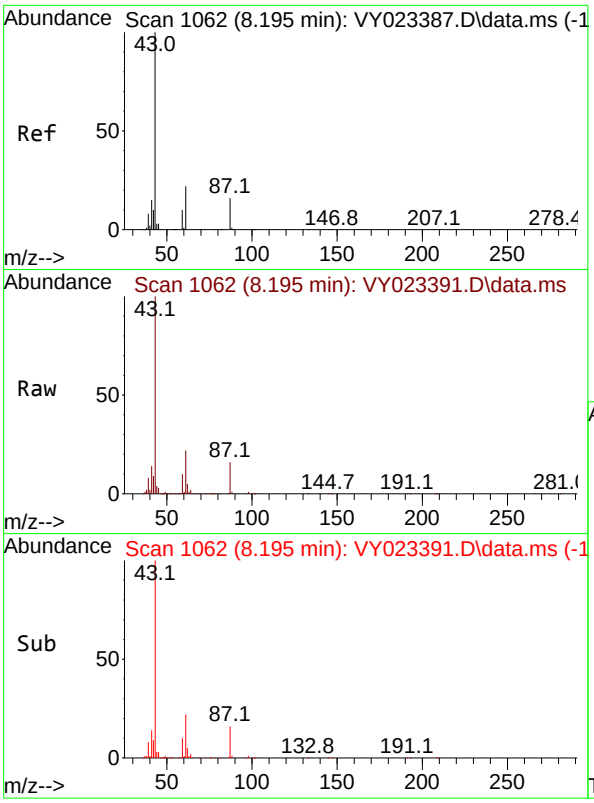


#42
1,2-Dichloroethane
Concen: 49.318 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 282332

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.6

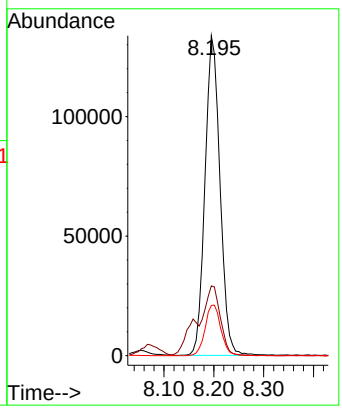




#43
Isopropyl Acetate
Concen: 50.548 ug/l
RT: 8.195 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 27988

Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.1	27.1
87	16.7	13.5	20.3



Instrument :
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ClientSampleId :
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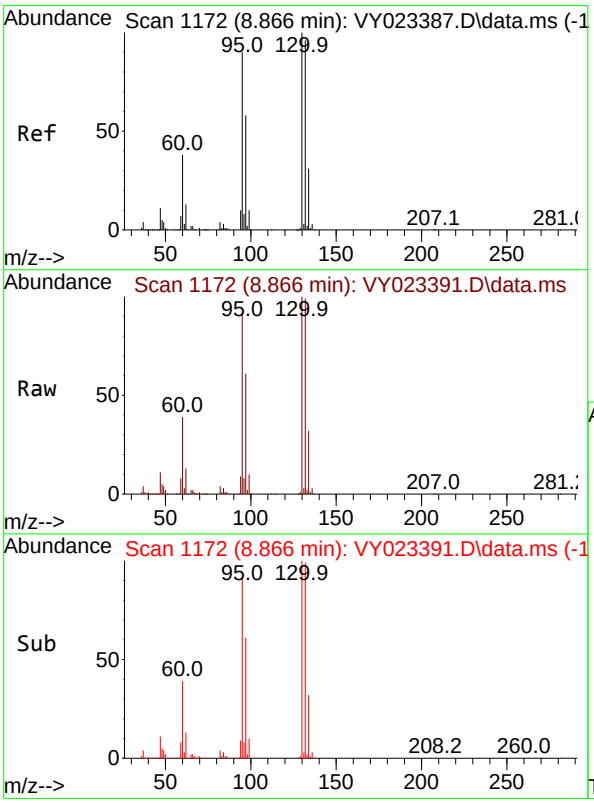
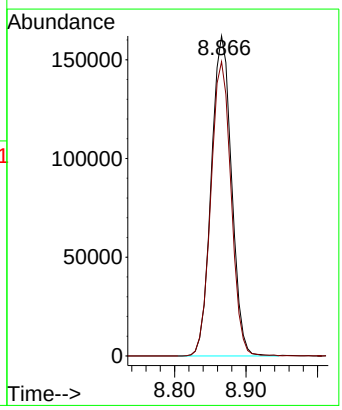
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

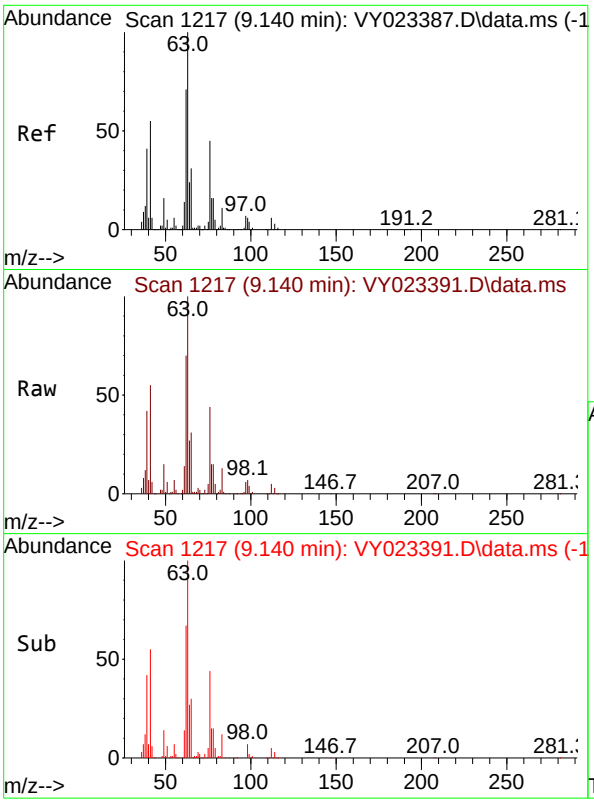


#44
Trichloroethene
Concen: 49.120 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:130 Resp: 319131

Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	180.6

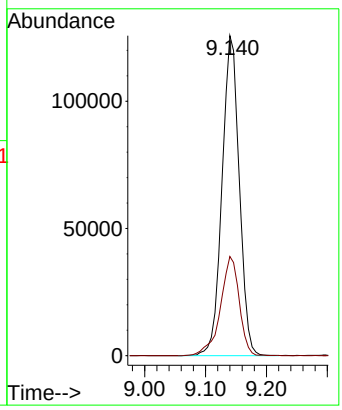




#45
1,2-Dichloropropane
Concen: 50.355 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 24688

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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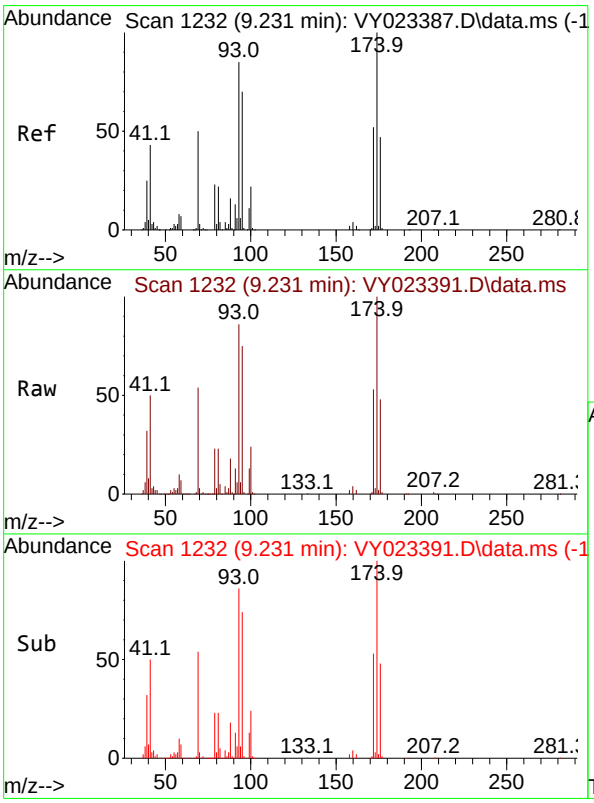
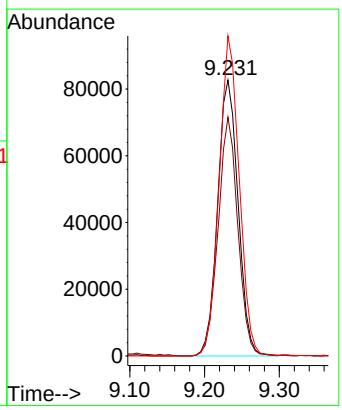
Supervised By :Mahesh Dadoda 10/10/2025

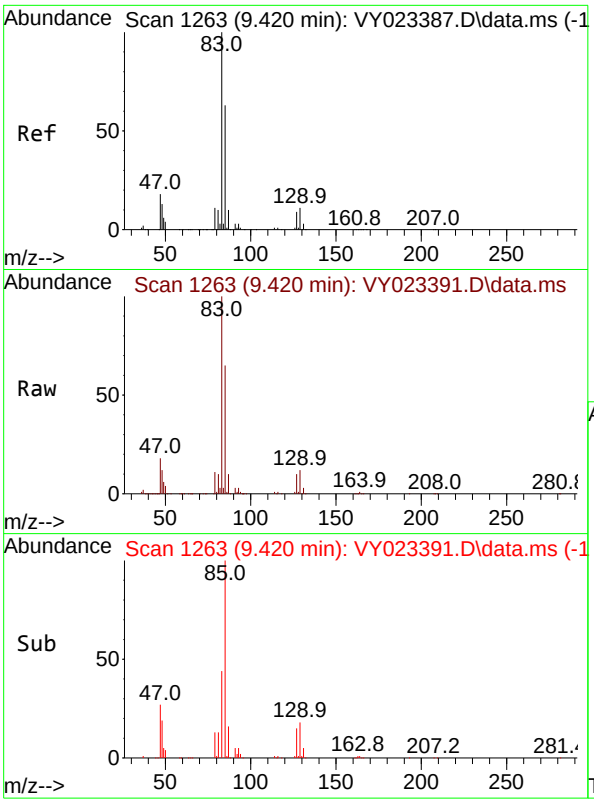


#46
Dibromomethane
Concen: 50.885 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 93 Resp: 157758

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.0
174	113.9	92.9	139.3

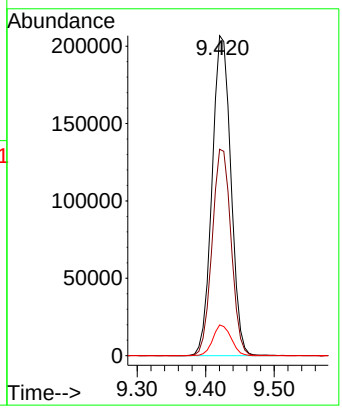




#47
Bromodichloromethane
Concen: 50.450 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 39391

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	9.6	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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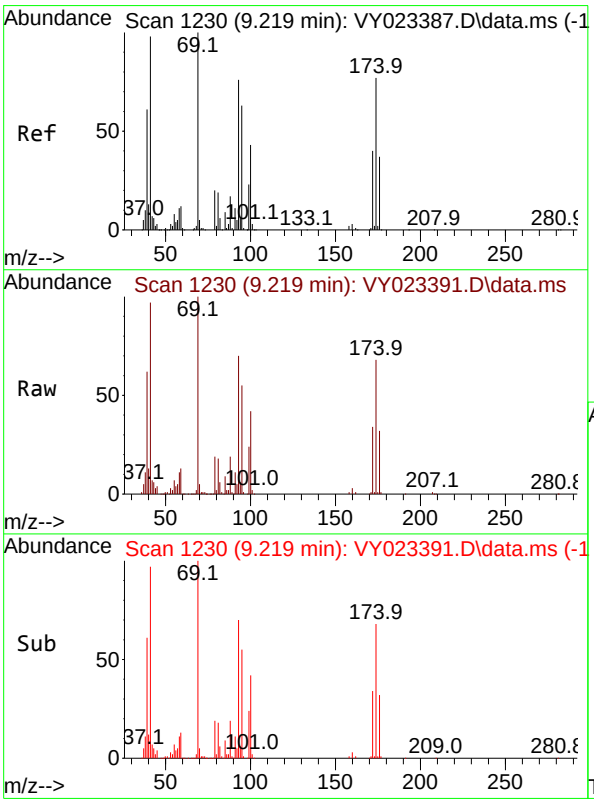
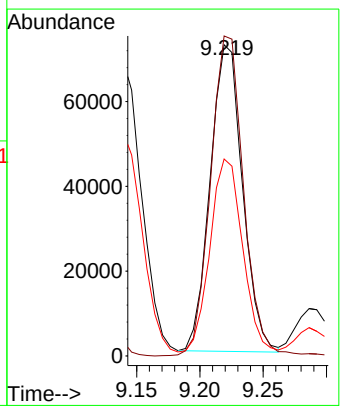
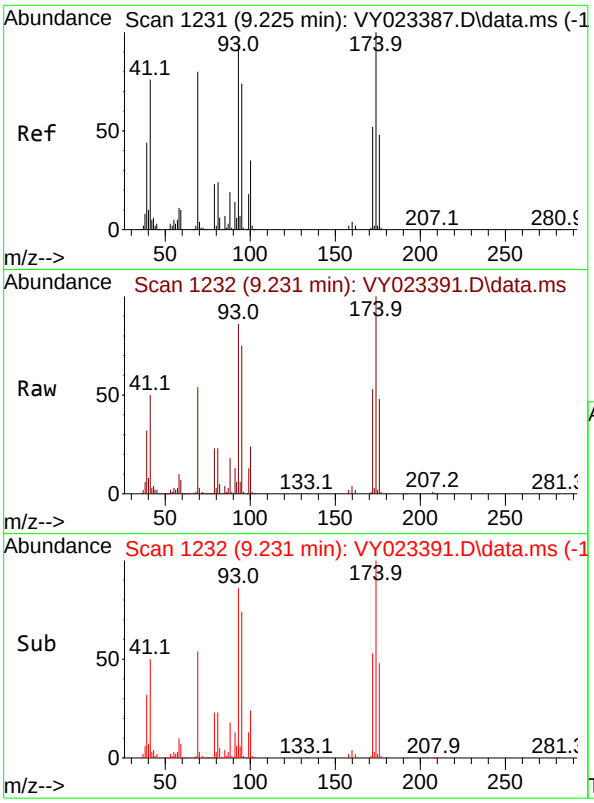


#48
Methyl methacrylate
Concen: 49.440 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 128606

Ion	Ratio	Lower	Upper
41	100		
69	106.6	81.0	121.4
39	63.5	48.2	72.4





#49
1,4-Dioxane
Concen: 1039.252 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 88 Resp: 3735

Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.8	32.8
58	61.4	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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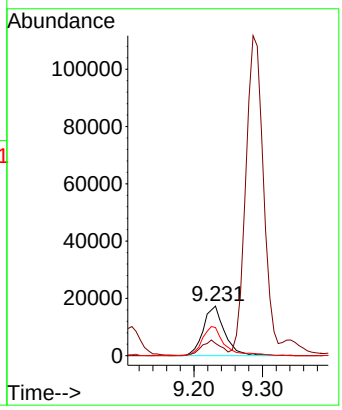
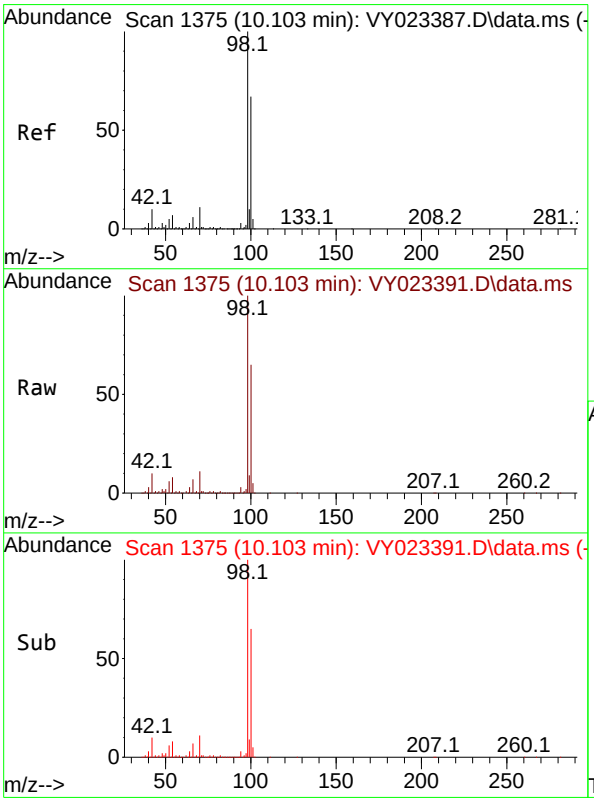
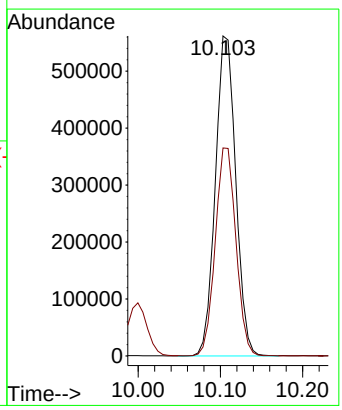


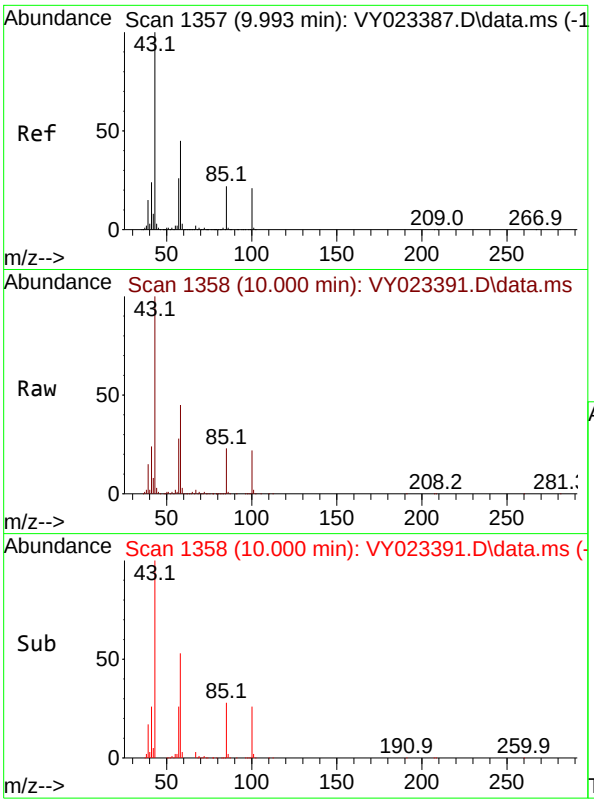


#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 98 Resp: 970614

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

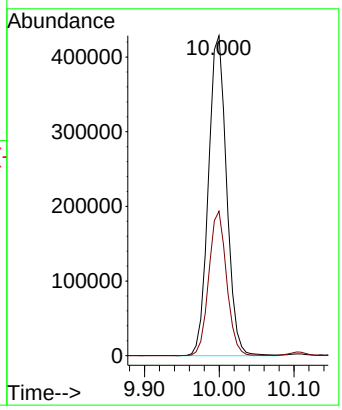




#51
4-Methyl-2-Pentanone
Concen: 253.421 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 72499

Ion	Ratio	Lower	Upper
43	100		
58	44.4	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
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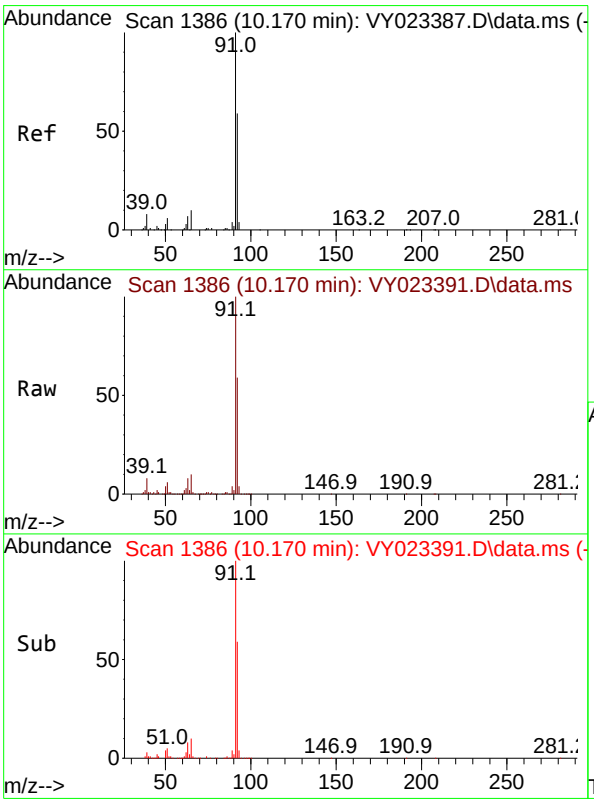
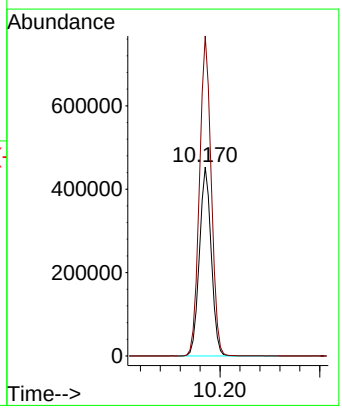
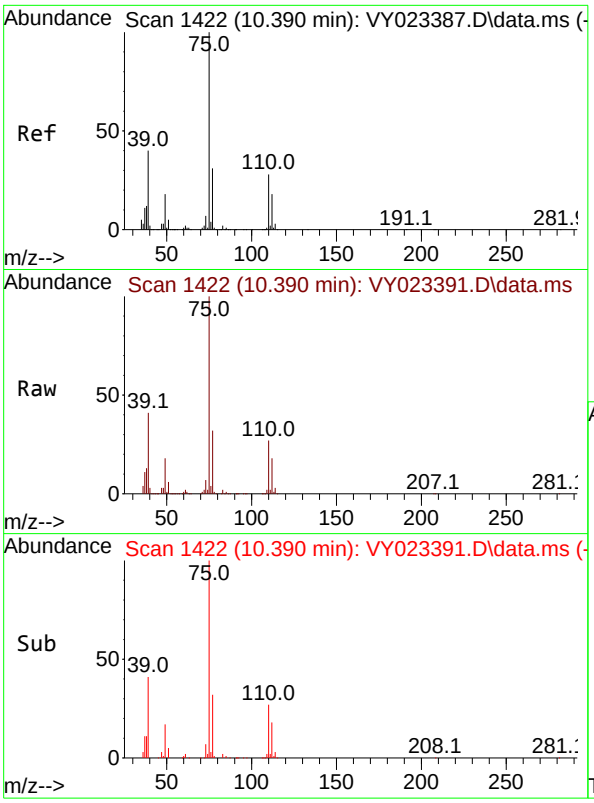


#52
Toluene
Concen: 51.556 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 92 Resp: 743055

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.4	204.6

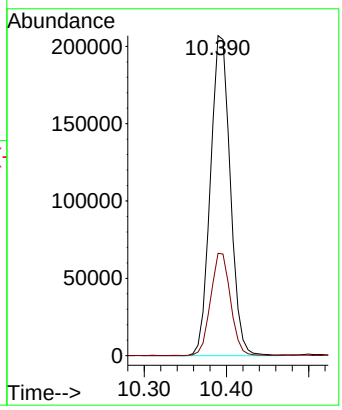




#53
t-1,3-Dichloropropene
Concen: 51.160 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 34733

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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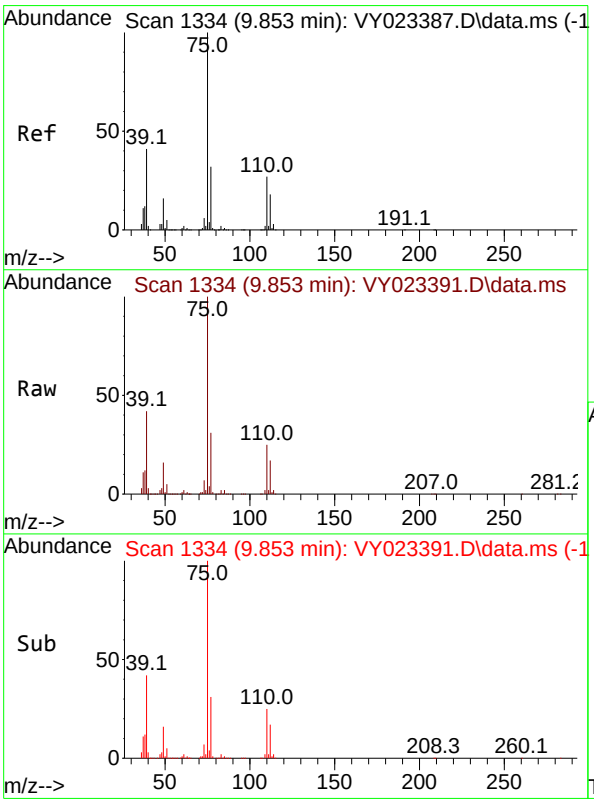
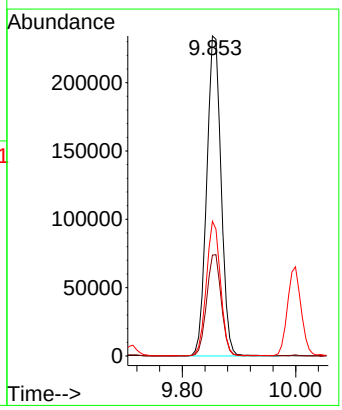
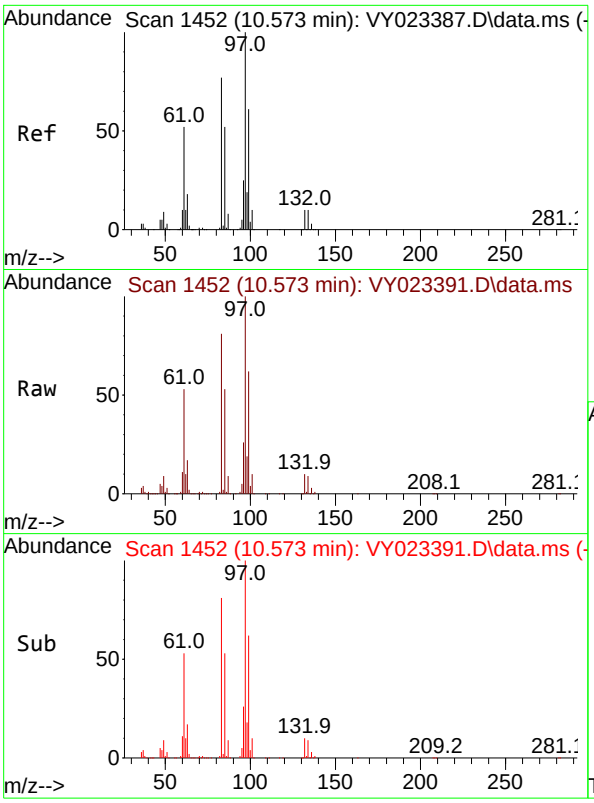


#54
cis-1,3-Dichloropropene
Concen: 51.649 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 413860

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	42.1	32.8	49.2

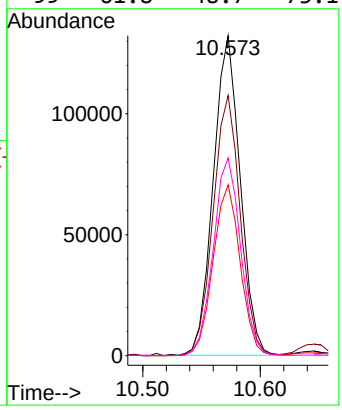




#55
1,1,2-Trichloroethane
Concen: 50.430 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 97 Resp: 21024

Ion	Ratio	Lower	Upper
97	100		
83	81.4	61.8	92.6
85	53.5	41.3	61.9
99	61.8	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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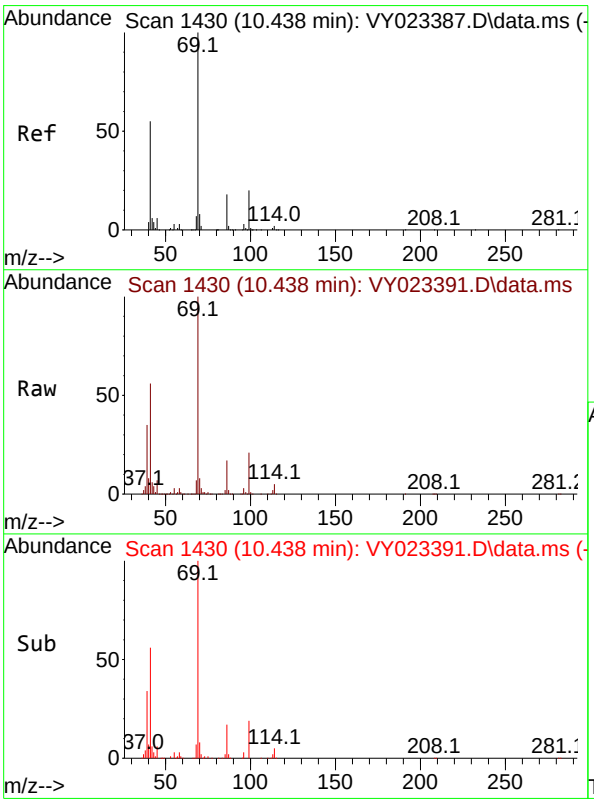
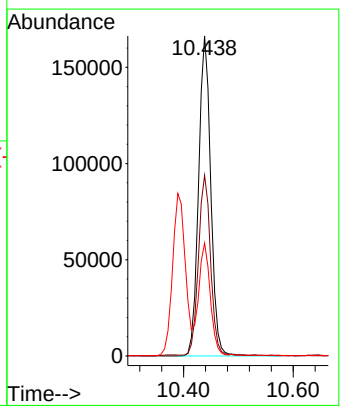
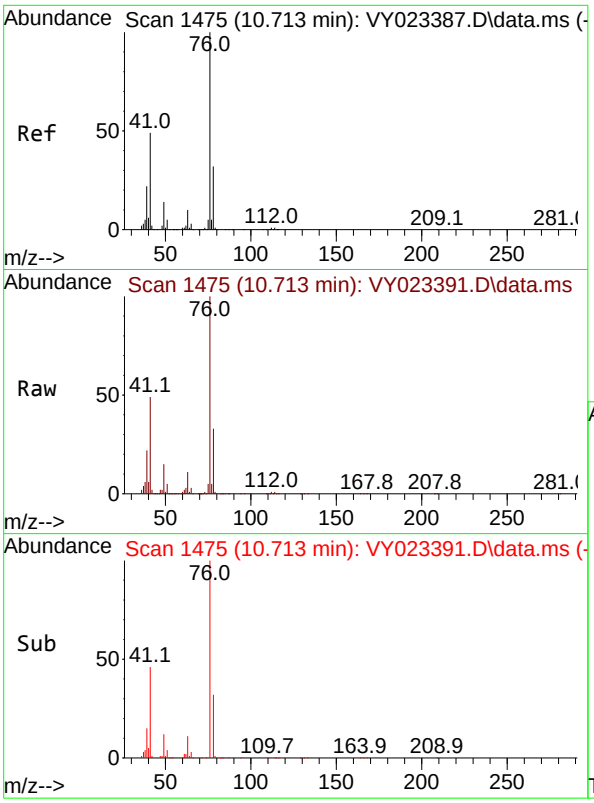


#56
Ethyl methacrylate
Concen: 53.385 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 69 Resp: 256731

Ion	Ratio	Lower	Upper
69	100		
41	56.1	44.6	67.0
39	34.2	27.0	40.4

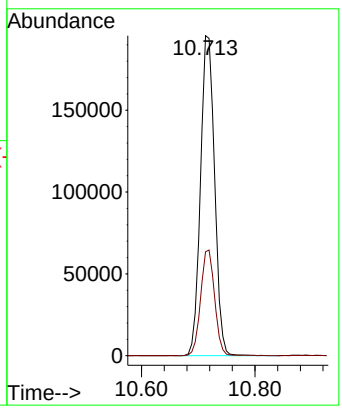




#57
1,3-Dichloropropane
Concen: 51.113 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 76 Resp: 33767

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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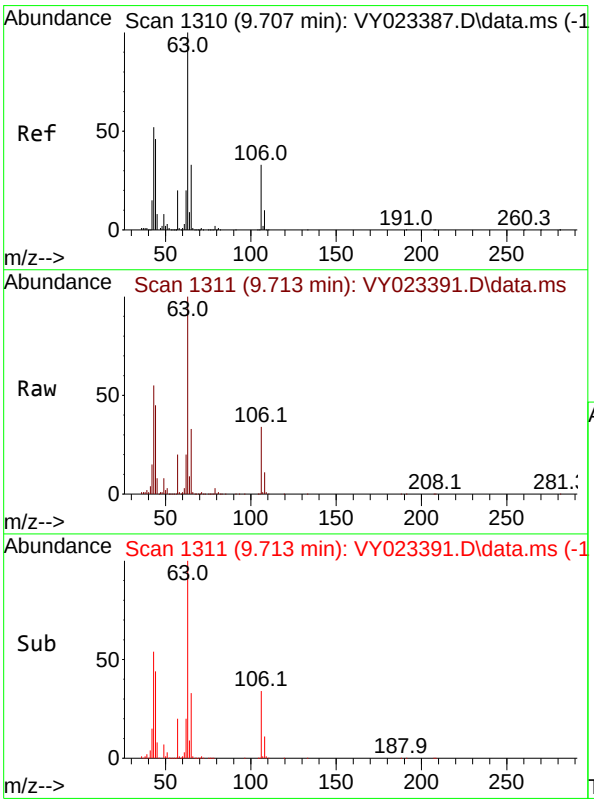
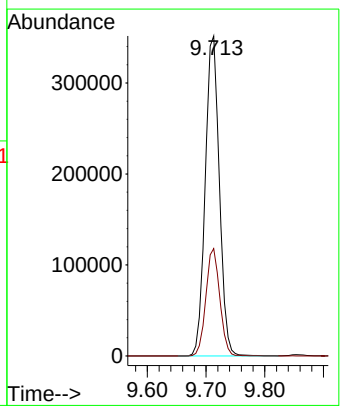
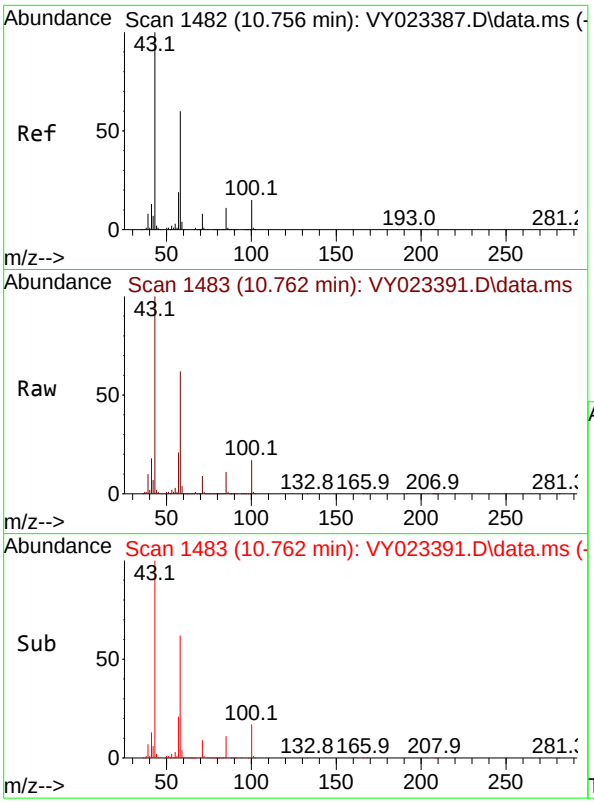


#58
2-Chloroethyl Vinyl ether
Concen: 272.133 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 586266

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8





#59
2-Hexanone
Concen: 245.480 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 50187

Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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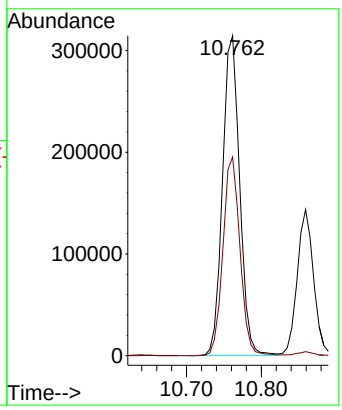
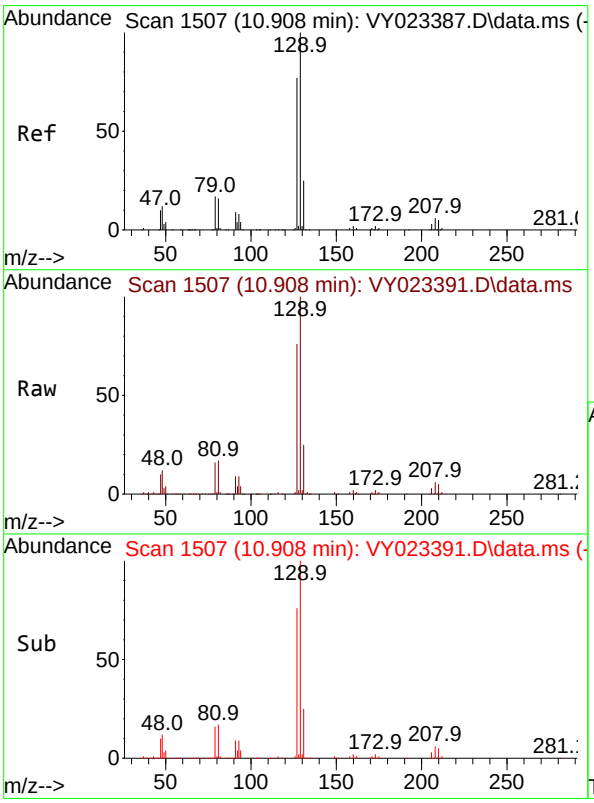
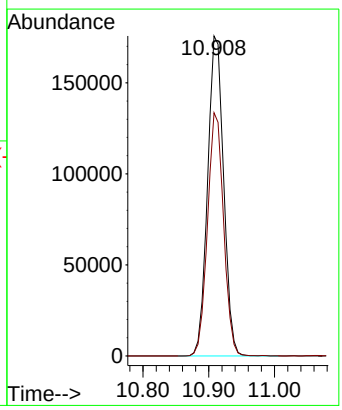


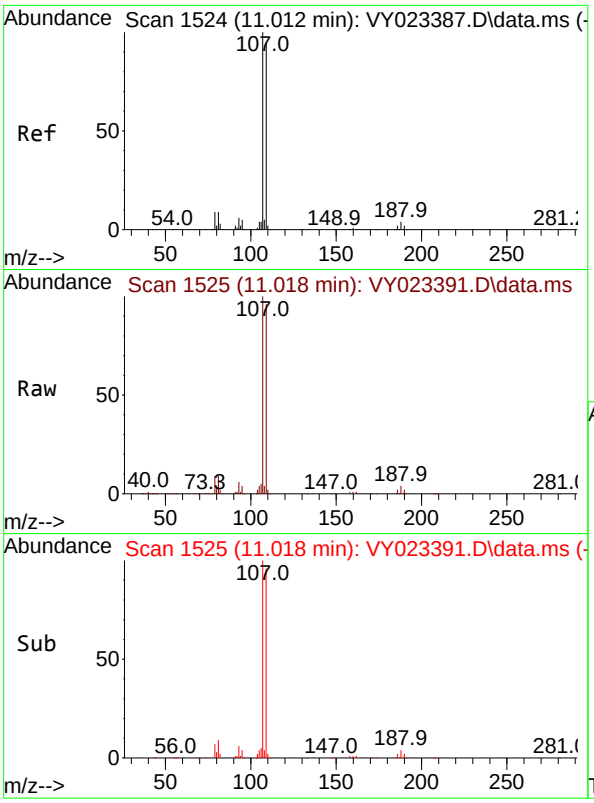


#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:129 Resp: 297946

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7





#61
1,2-Dibromoethane
Concen: 50.658 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:107 Resp: 20141

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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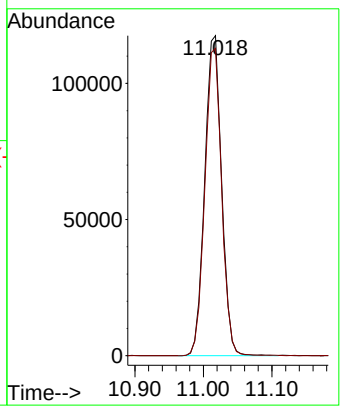
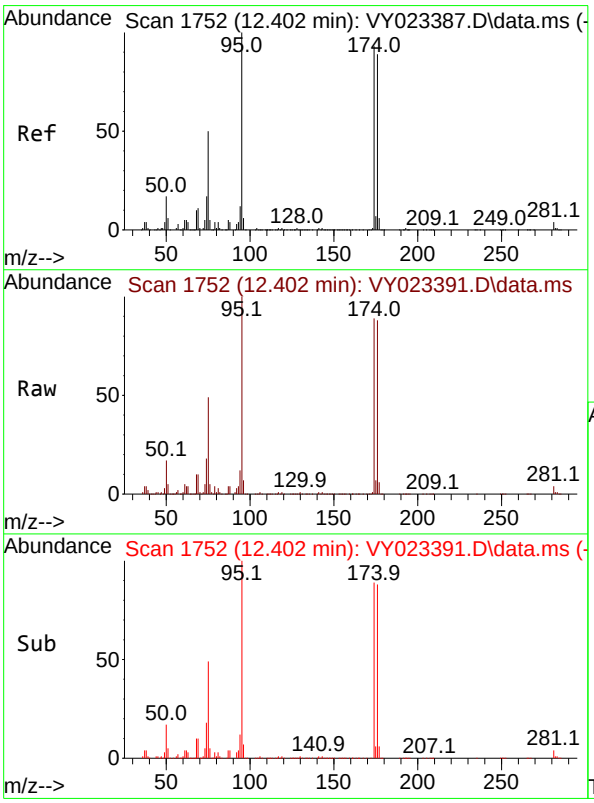
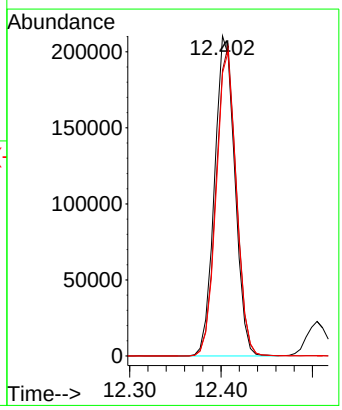


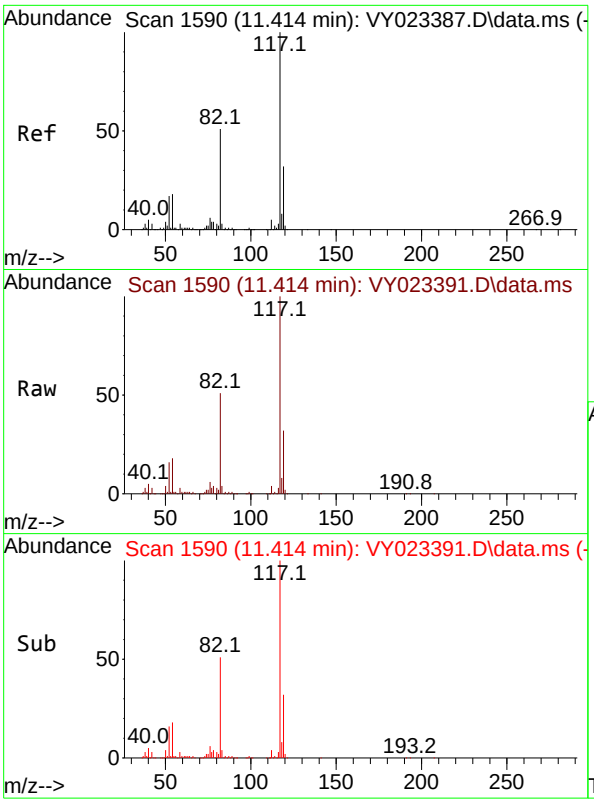


#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 95 Resp: 324700

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	192.8
176	93.9	0.0	187.6

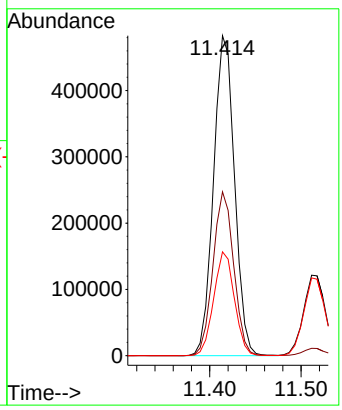




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:117 Resp: 77137

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.5	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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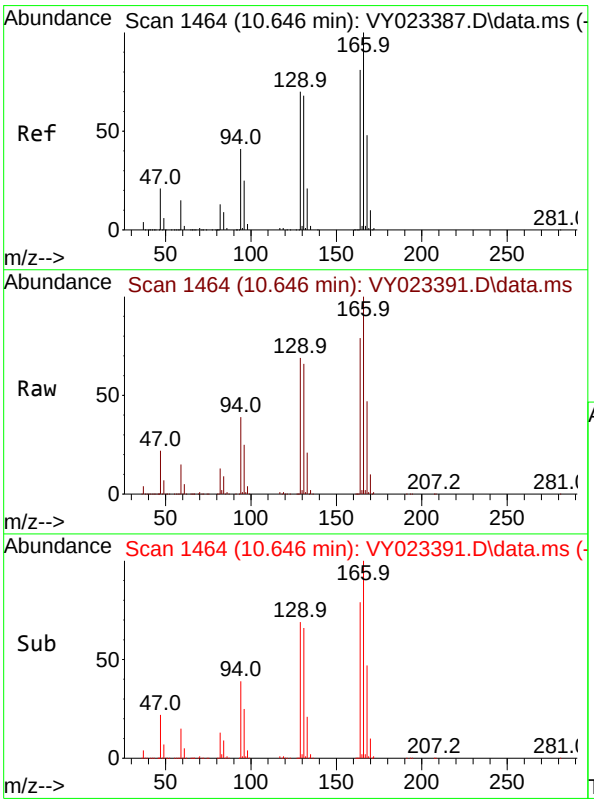
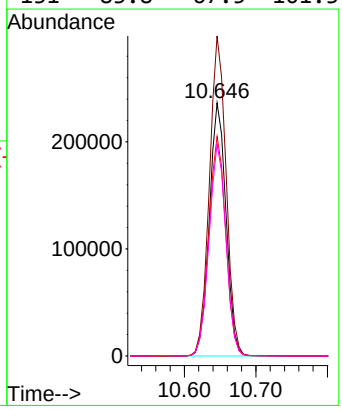
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

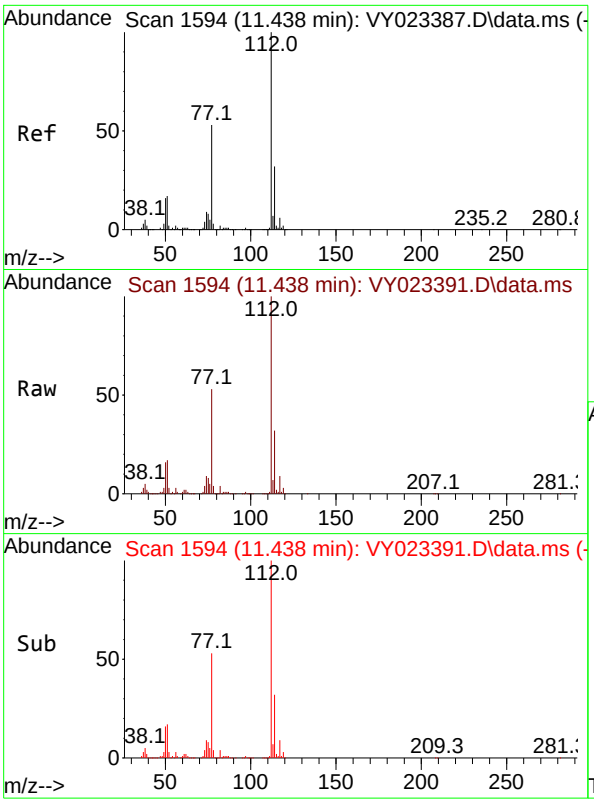


#64
Tetrachloroethene
Concen: 48.087 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:164 Resp: 382998

Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.4	149.0
129	86.7	69.4	104.2
131	83.8	67.5	101.3

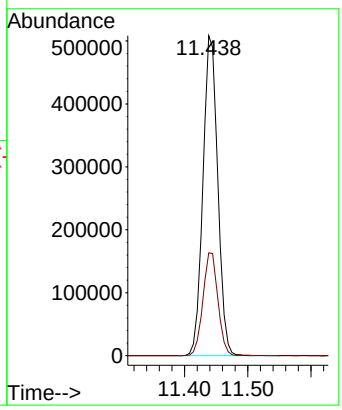




#65
Chlorobenzene
Concen: 49.381 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:112 Resp: 82846

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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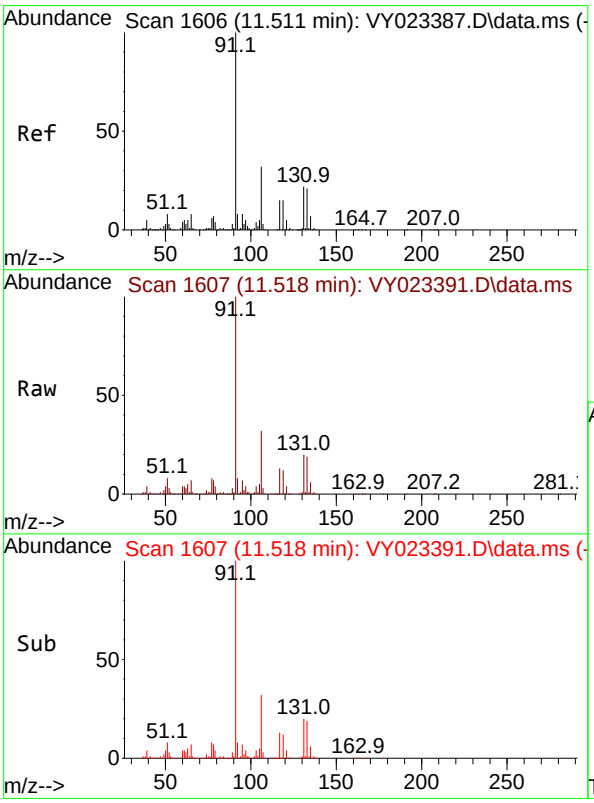
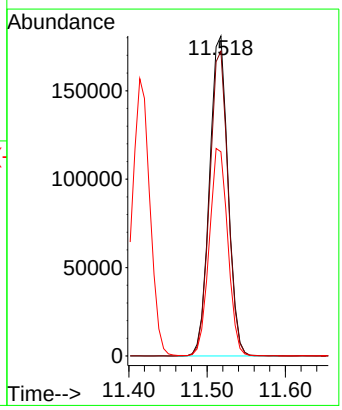
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

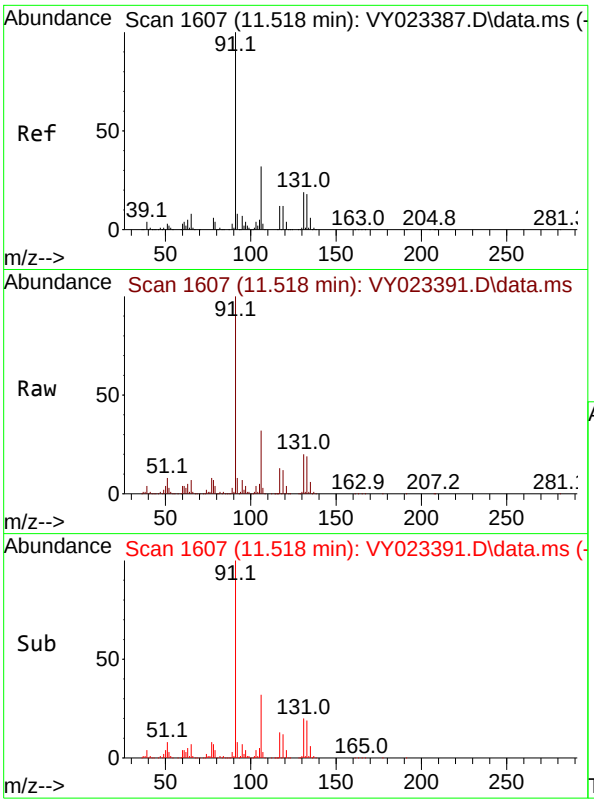


#66
1,1,1,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:131 Resp: 296157

Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.4	145.2
119	65.2	32.4	97.2

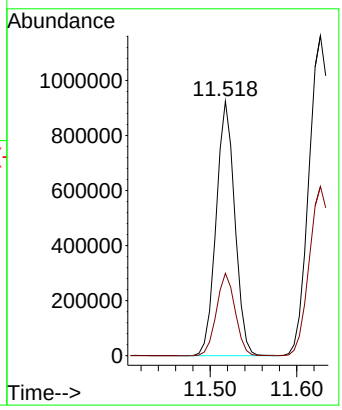




#67
Ethyl Benzene
Concen: 50.841 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 138069

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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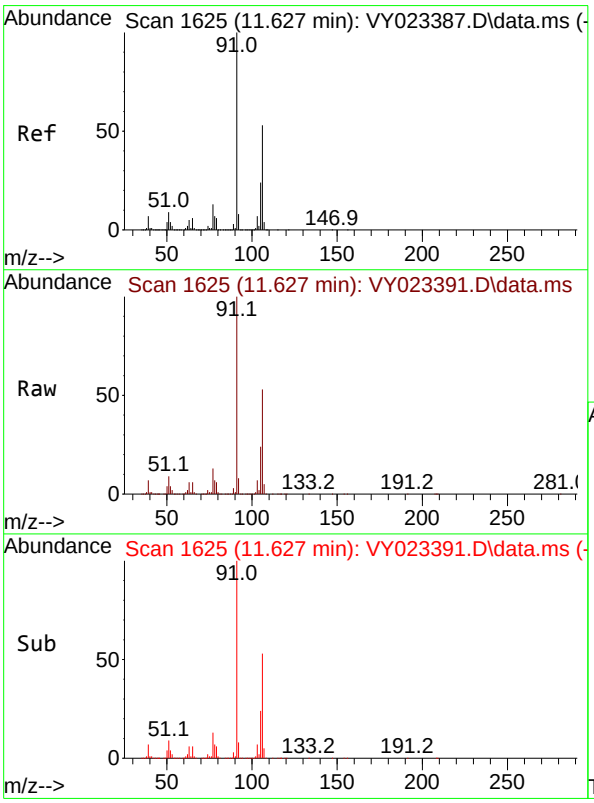
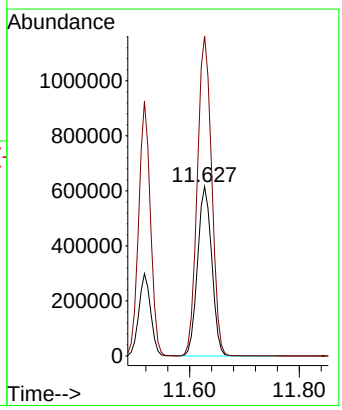
Supervised By :Mahesh Dadoda 10/10/2025

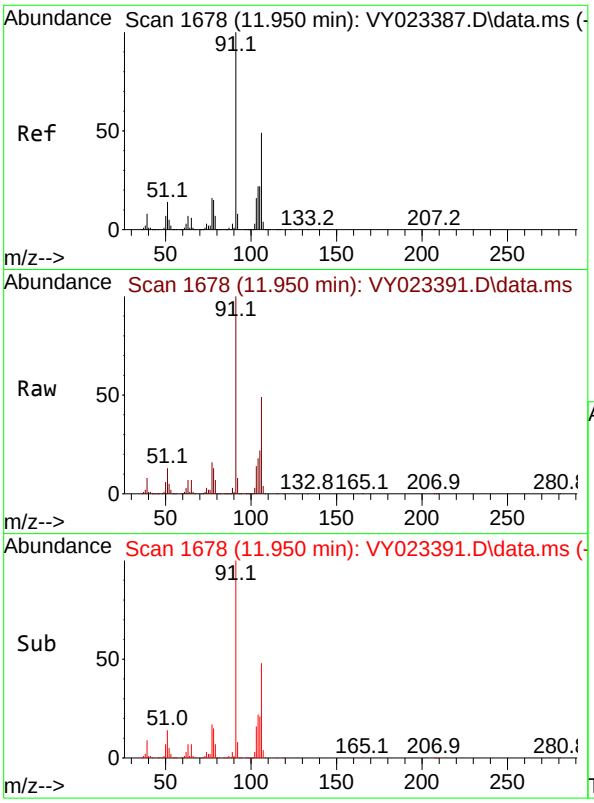


#68
m/p-Xylenes
Concen: 101.757 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:106 Resp: 1108386

Ion	Ratio	Lower	Upper
106	100		
91	190.7	152.6	229.0

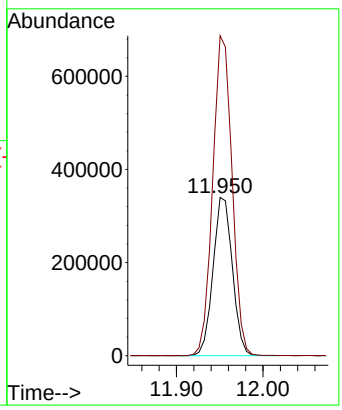




#69
o-Xylene
Concen: 51.577 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:106 Resp: 52695

Ion	Ratio	Lower	Upper
106	100		
91	202.1	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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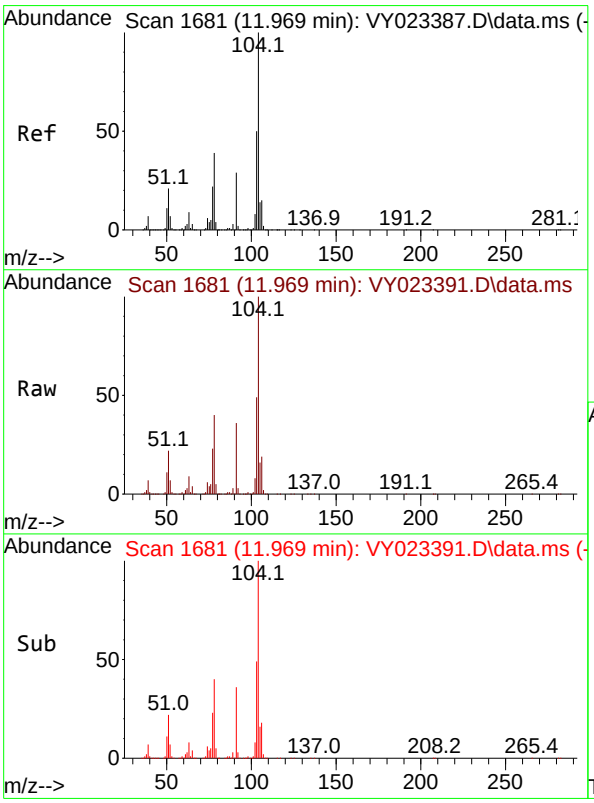
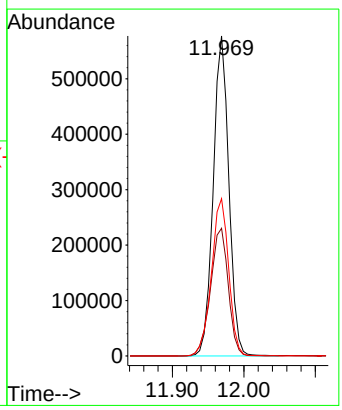
Supervised By :Mahesh Dadoda 10/10/2025

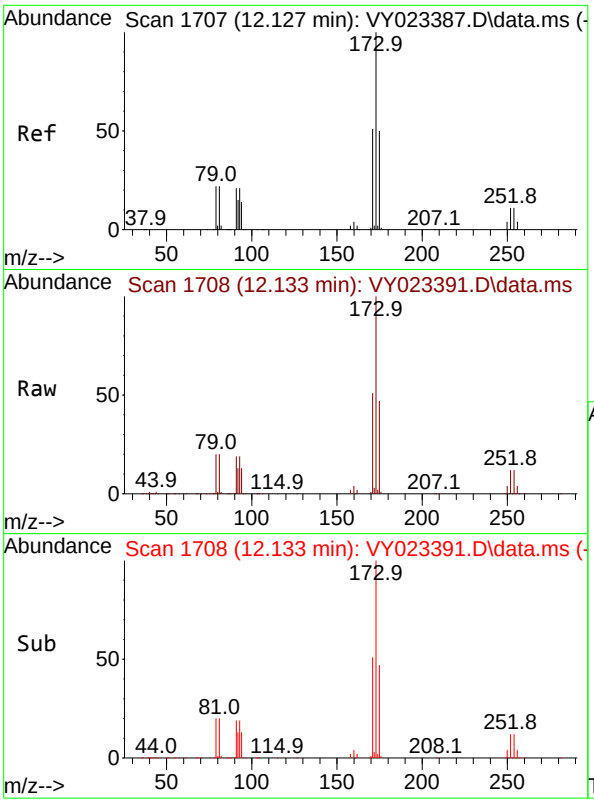


#70
Styrene
Concen: 52.122 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:104 Resp: 875709

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.1	54.1
103	54.2	43.2	64.8

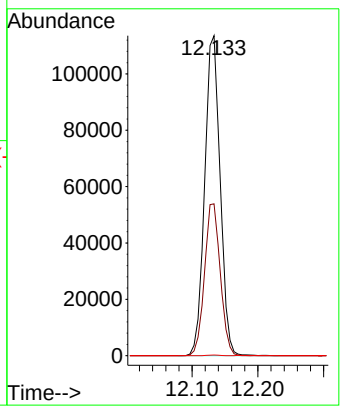




#71
Bromoform
Concen: 50.070 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:173 Resp: 18568

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.8	74.3
254	0.2	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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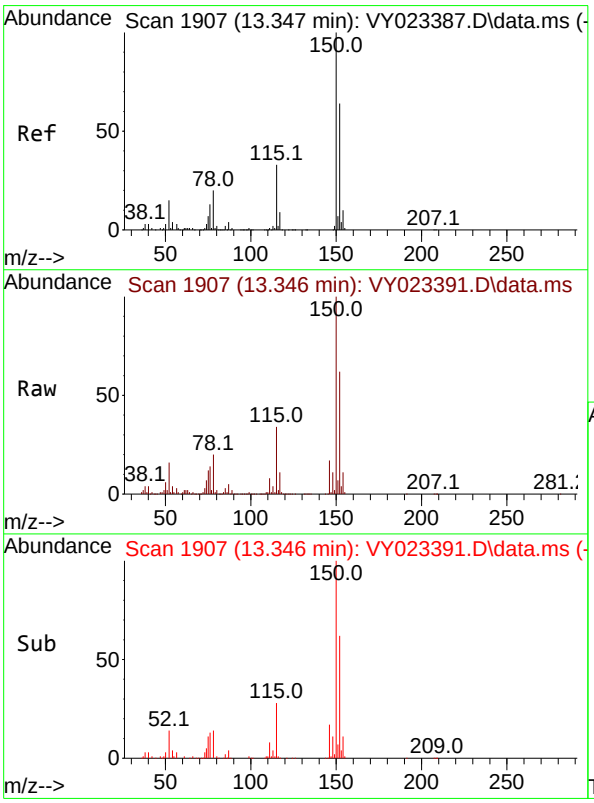
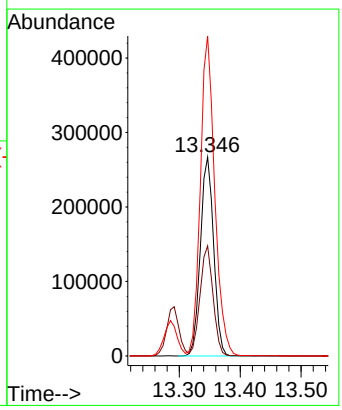
Supervised By :Mahesh Dadoda 10/10/2025

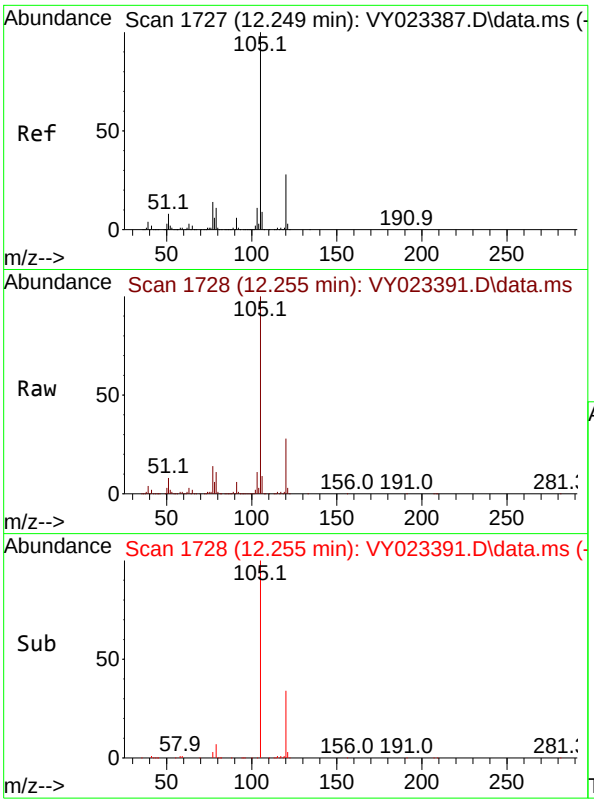


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:152 Resp: 405636

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	173.7	0.0	347.4

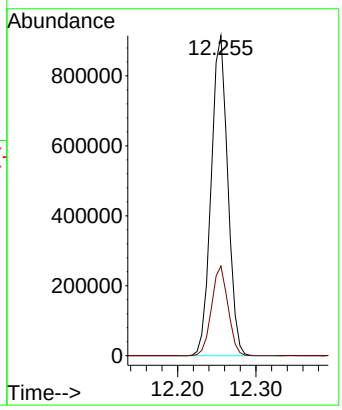




#73
Isopropylbenzene
Concen: 50.318 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 134510

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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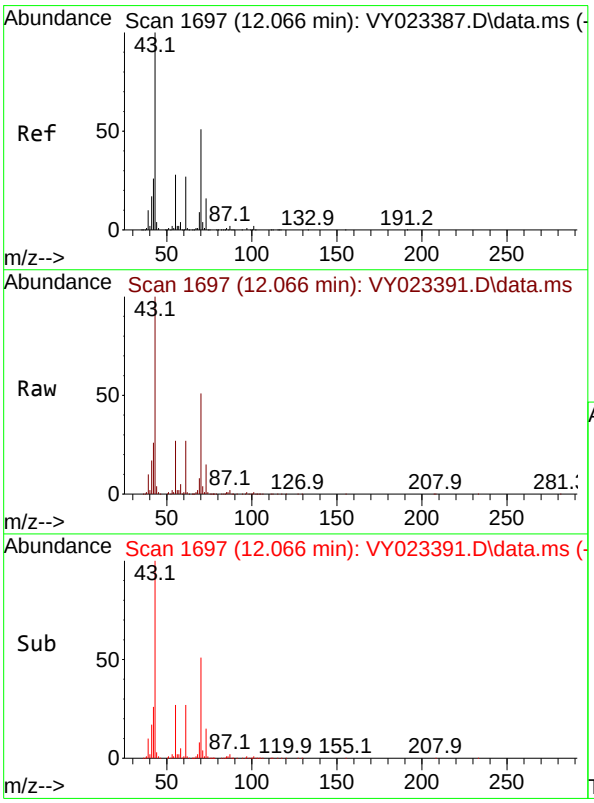
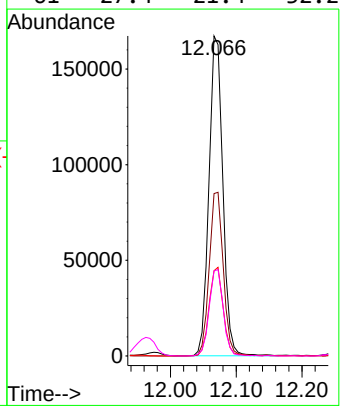
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

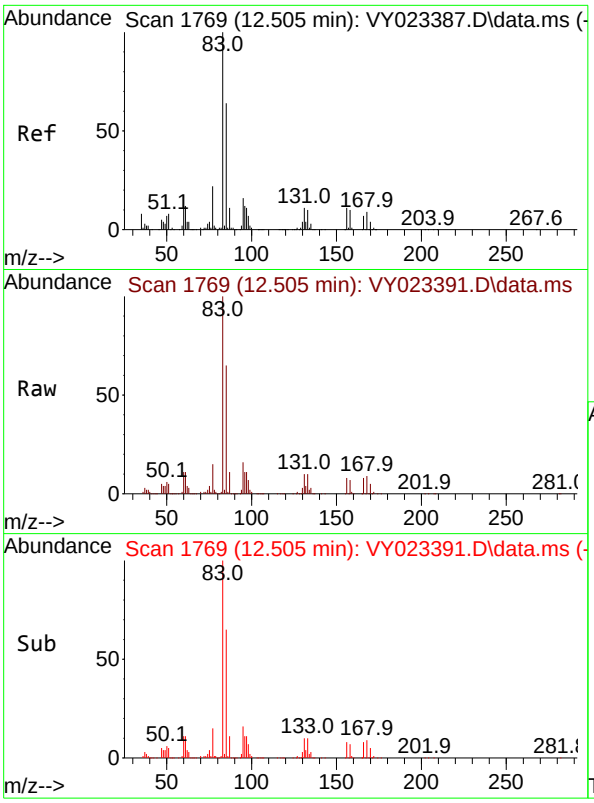


#74
N-amyl acetate
Concen: 51.087 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 245291

Ion	Ratio	Lower	Upper
43	100		
70	51.8	41.1	61.7
55	28.3	23.0	34.6
61	27.4	21.4	32.2

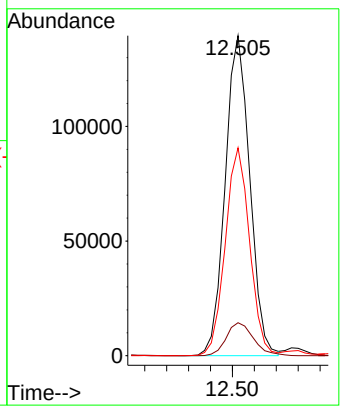




#75
1,1,2,2-Tetrachloroethane
Concen: 49.688 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 21724

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.6
85	64.4	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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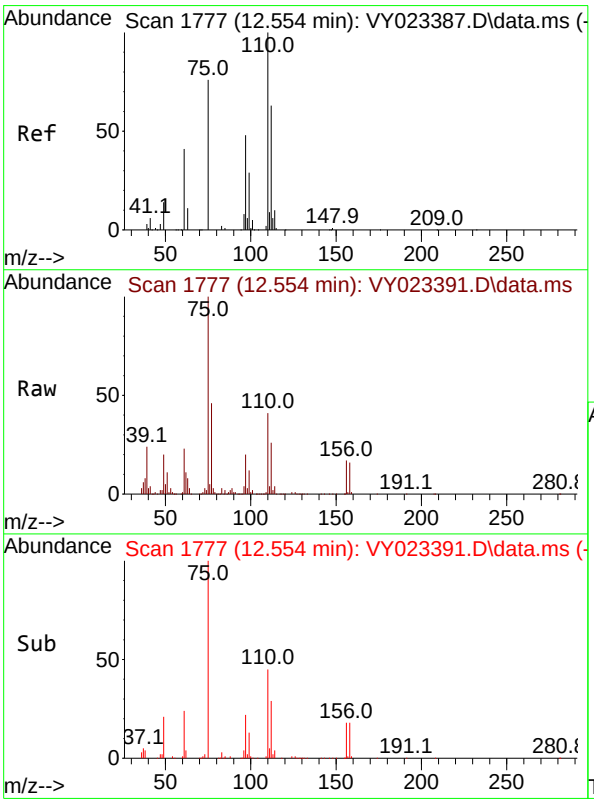
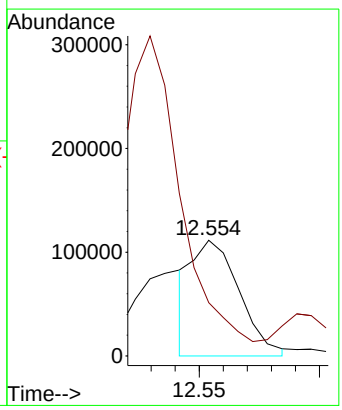
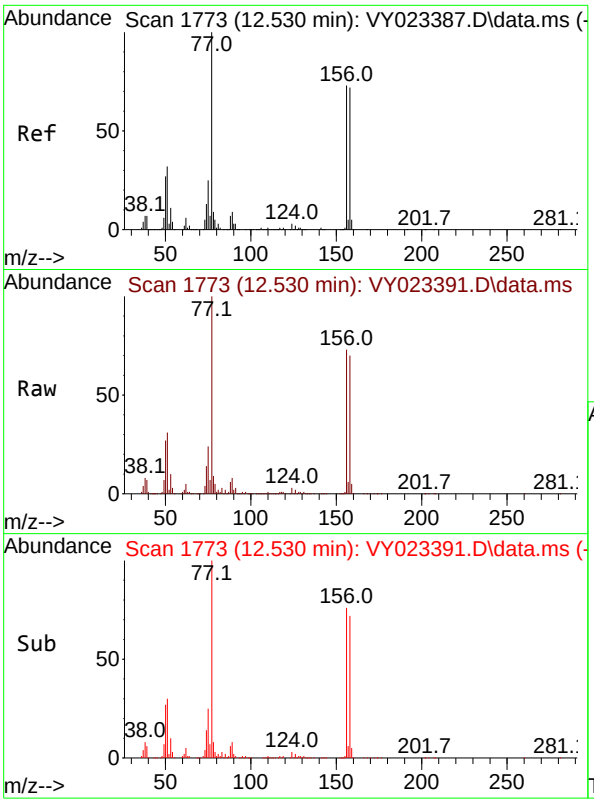


#76
1,2,3-Trichloropropane
Concen: 42.874 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 153438

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

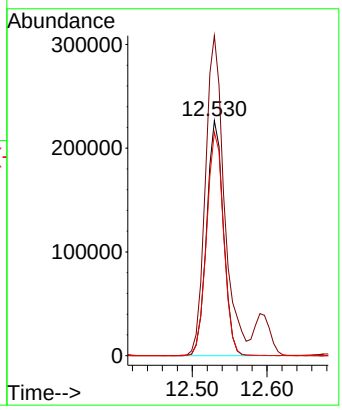




#77
Bromobenzene
Concen: 49.590 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:156 Resp: 35242

Ion	Ratio	Lower	Upper
156	100		
77	152.8	76.8	230.5
158	96.5	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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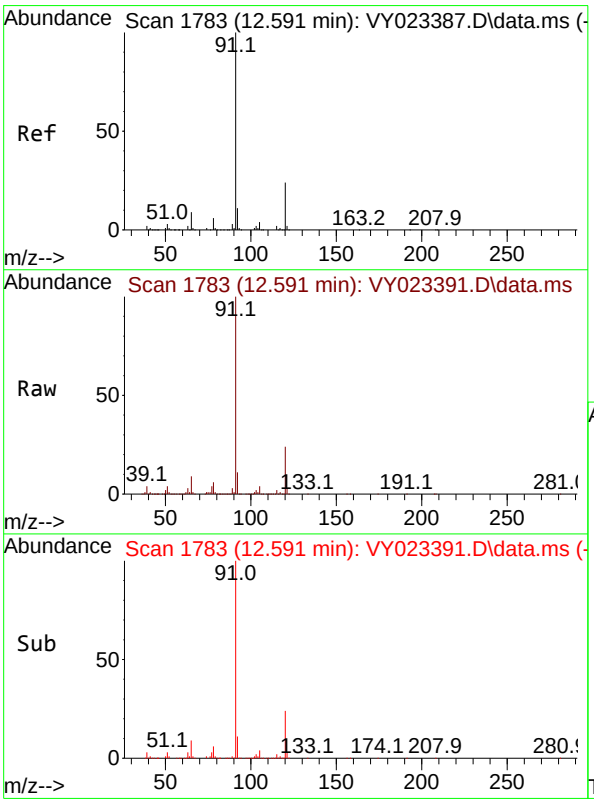
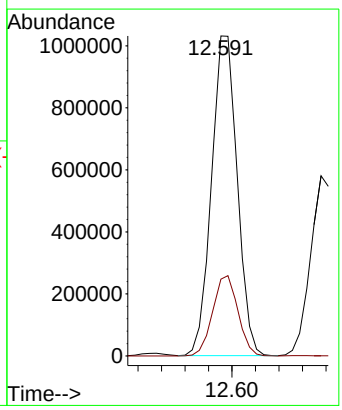
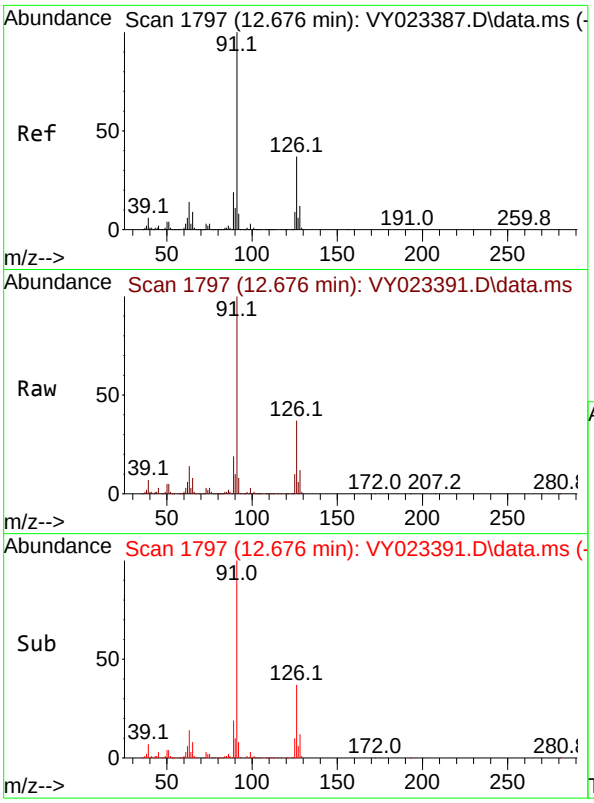


#78
n-propylbenzene
Concen: 50.694 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 1568180

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.8

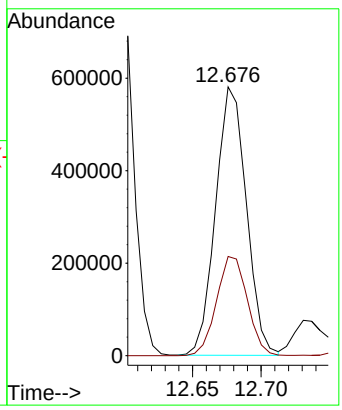




#79
2-Chlorotoluene
Concen: 50.047 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 90661

Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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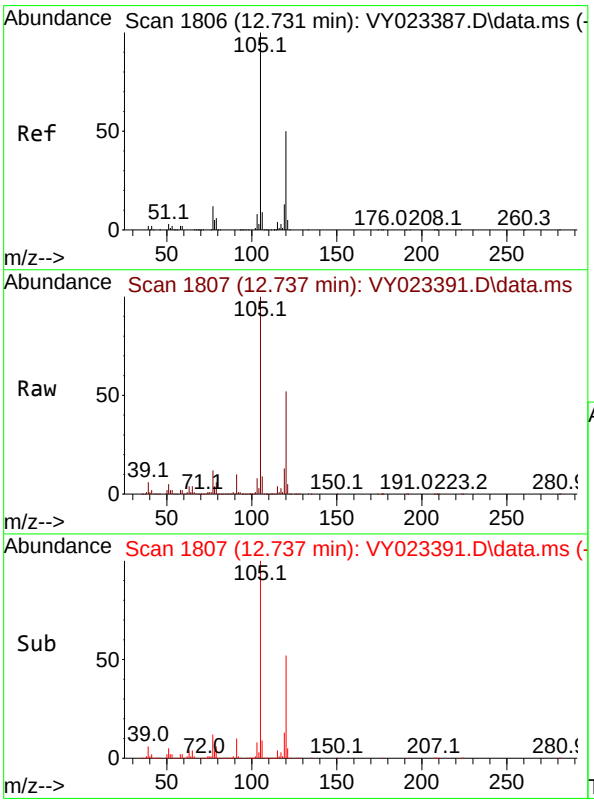
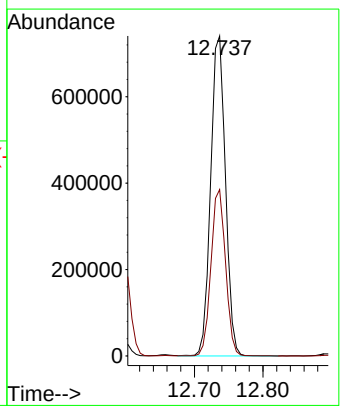
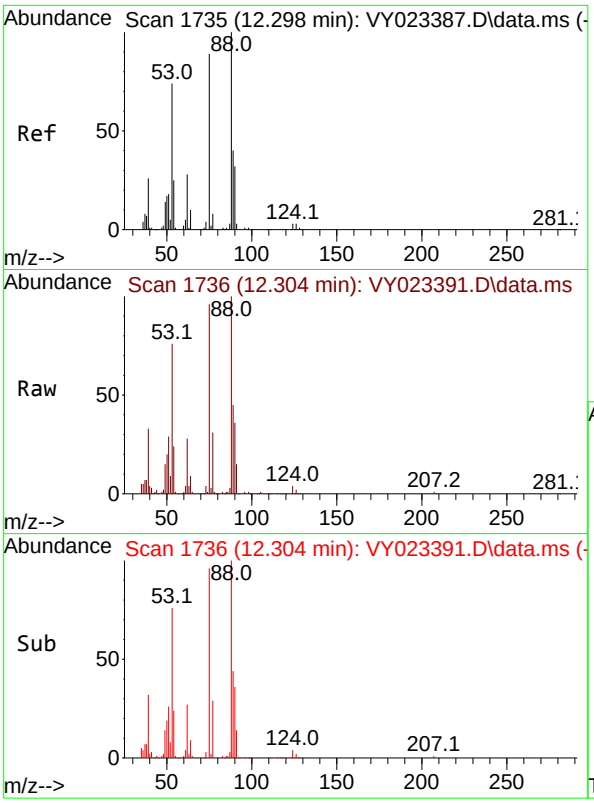


#80
1,3,5-Trimethylbenzene
Concen: 51.231 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 1106664

Ion	Ratio	Lower	Upper
105	100		
120	51.4	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.566 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

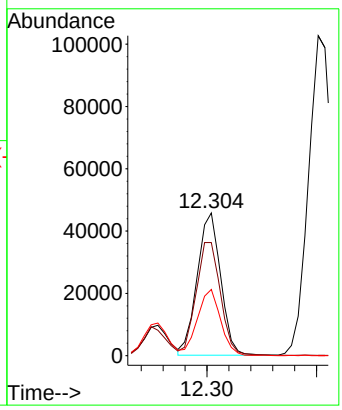
Tgt Ion: 75 Resp: 6795

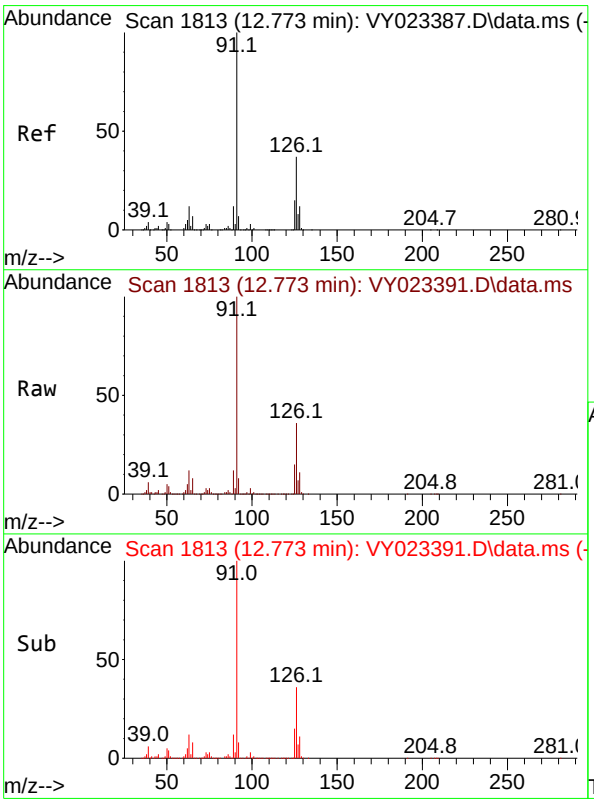
Ion	Ratio	Lower	Upper
75	100		
53	82.6	68.6	102.8
89	46.5	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

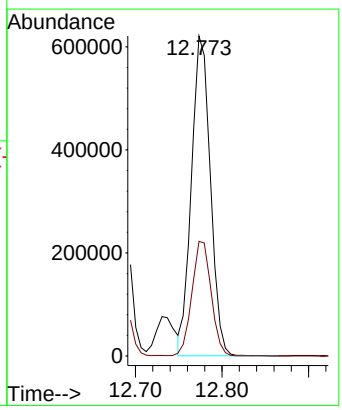


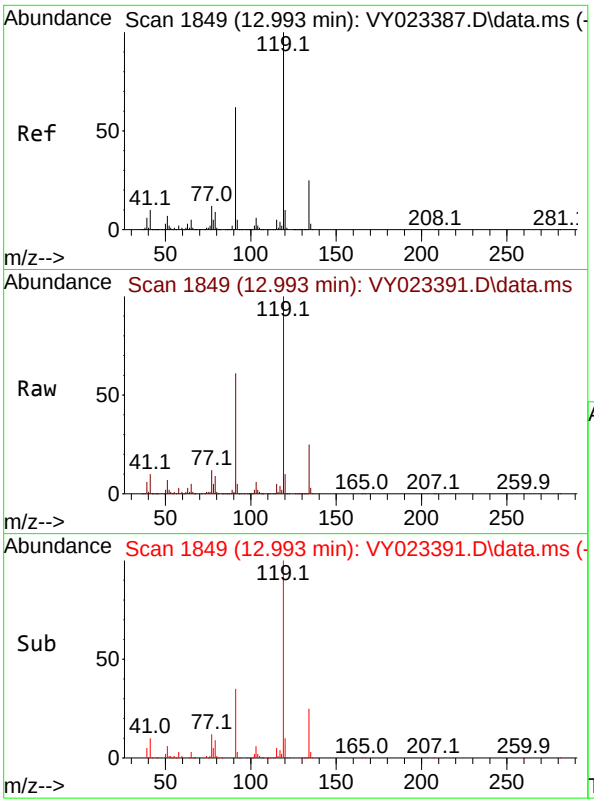


#82
4-Chlorotoluene
Concen: 50.455 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 941314

Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.4	55.4

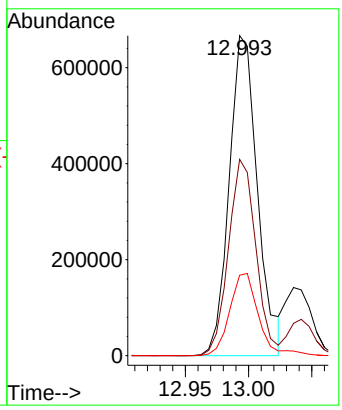




#83
tert-Butylbenzene
Concen: 52.019 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:119 Resp: 103751

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.9	89.8
134	26.3	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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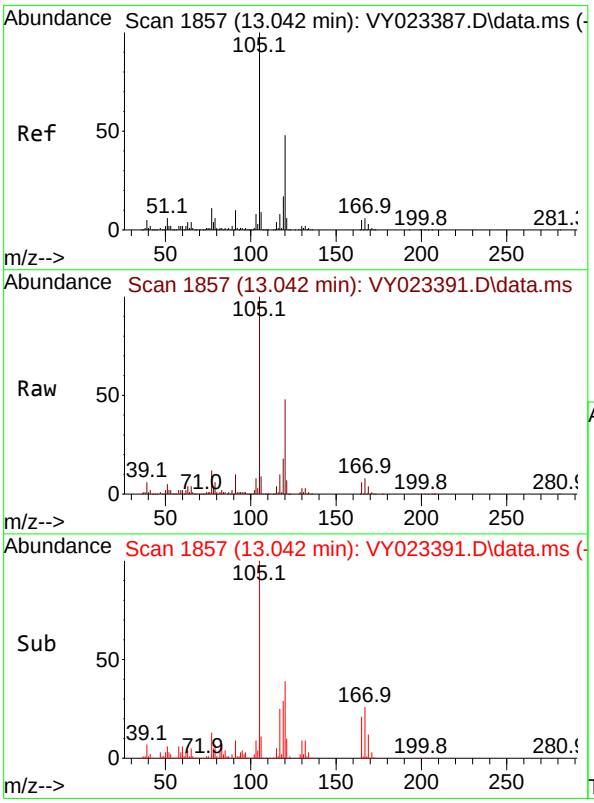
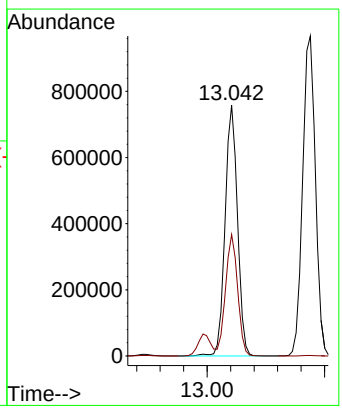
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

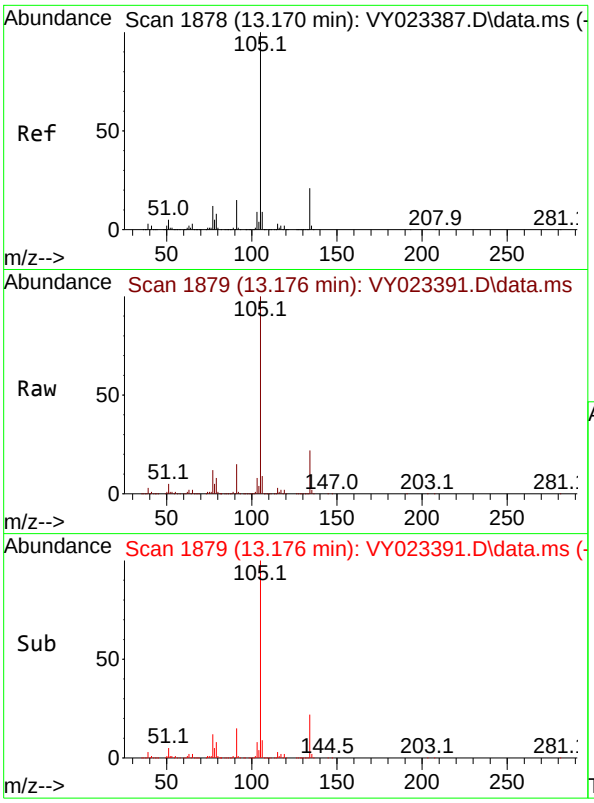


#84
1,2,4-Trimethylbenzene
Concen: 51.520 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 1110672

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.8	71.2

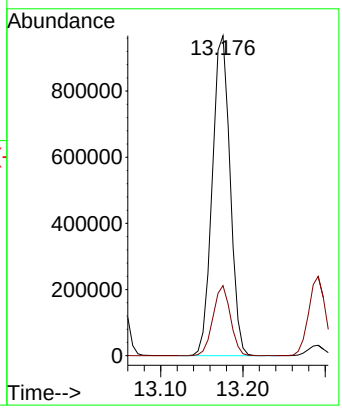




#85
sec-Butylbenzene
Concen: 50.848 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 145477

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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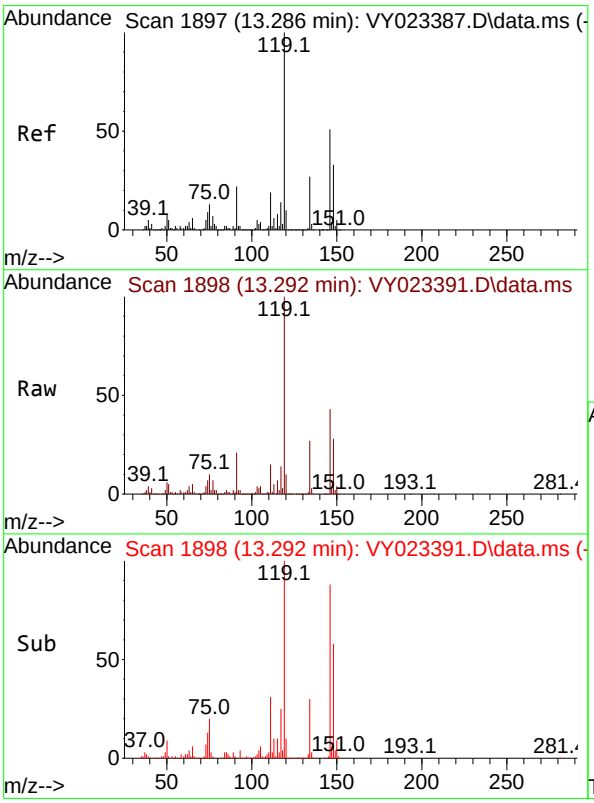
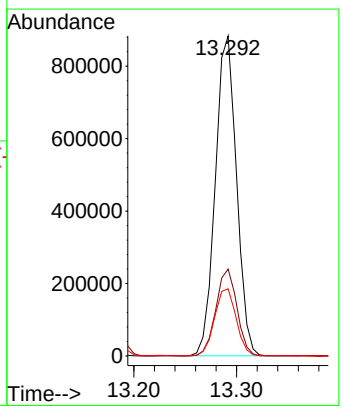
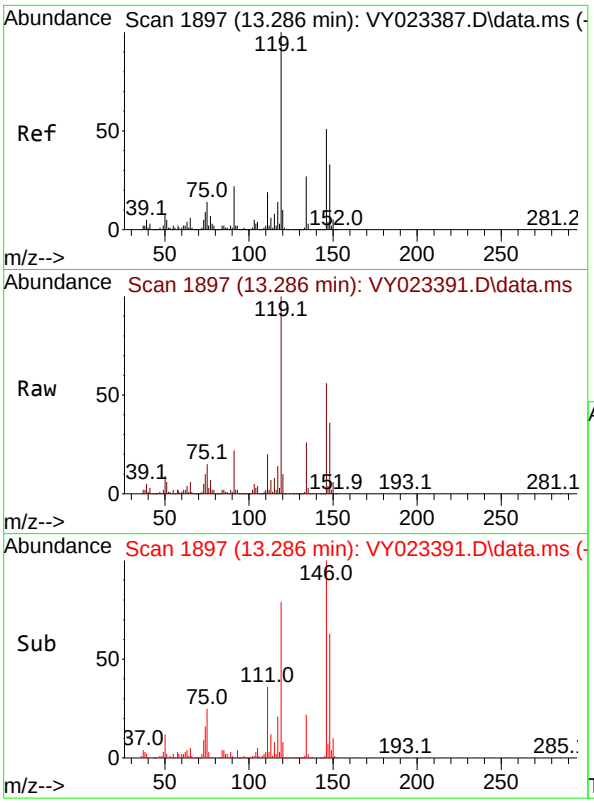


#86
p-Isopropyltoluene
Concen: 51.864 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:119 Resp: 1263377

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	21.3	10.9	32.9

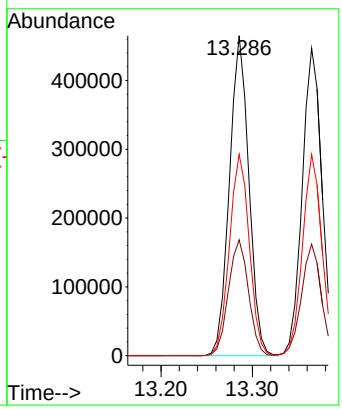




#87
1,3-Dichlorobenzene
Concen: 49.632 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:146 Resp: 68685

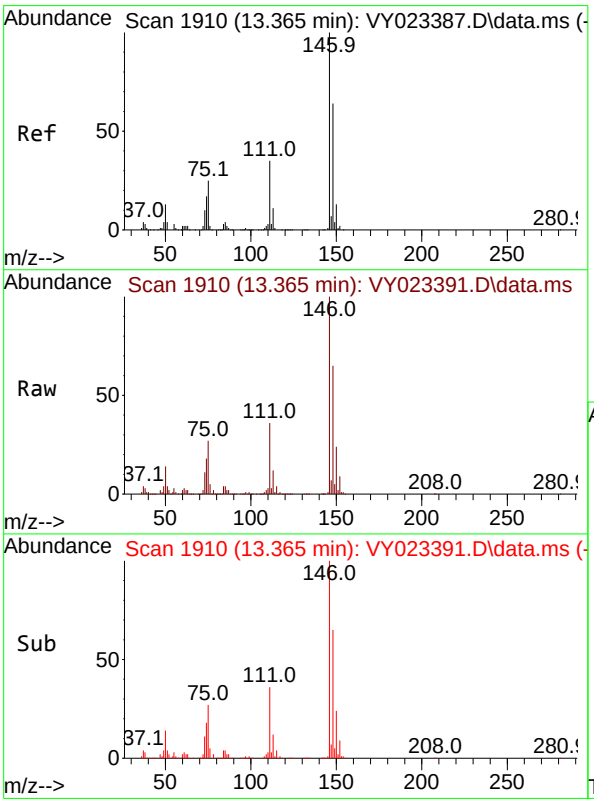
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.5	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
APPROVED

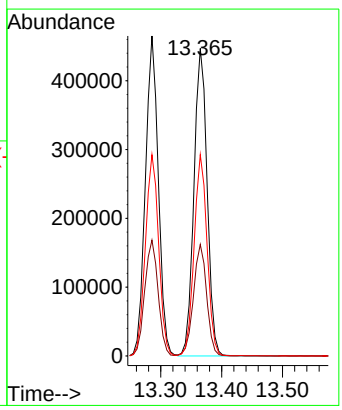
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

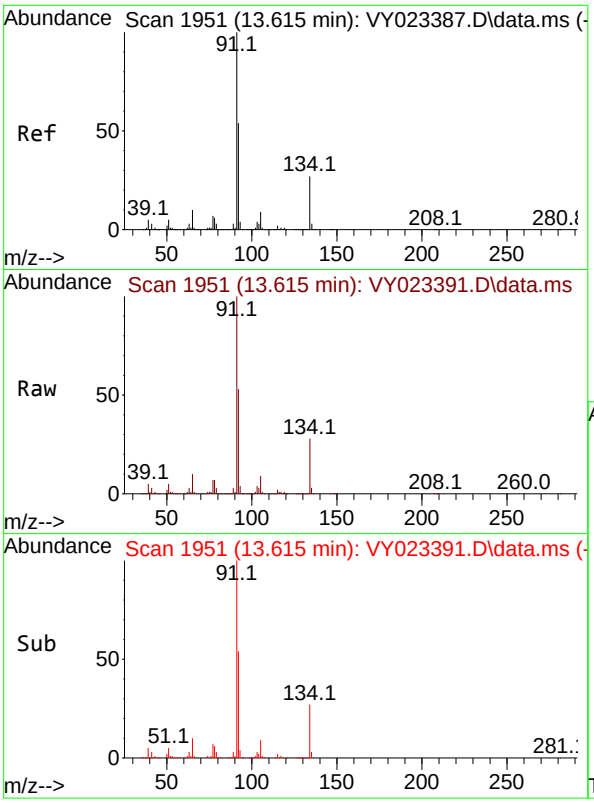


#88
1,4-Dichlorobenzene
Concen: 49.140 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:146 Resp: 671644

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.0	54.0
148	64.2	31.9	95.7

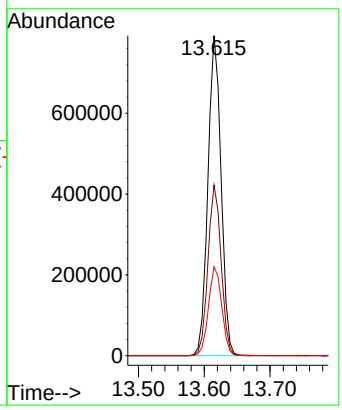




#89
n-Butylbenzene
Concen: 51.829 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 110008

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	28.1	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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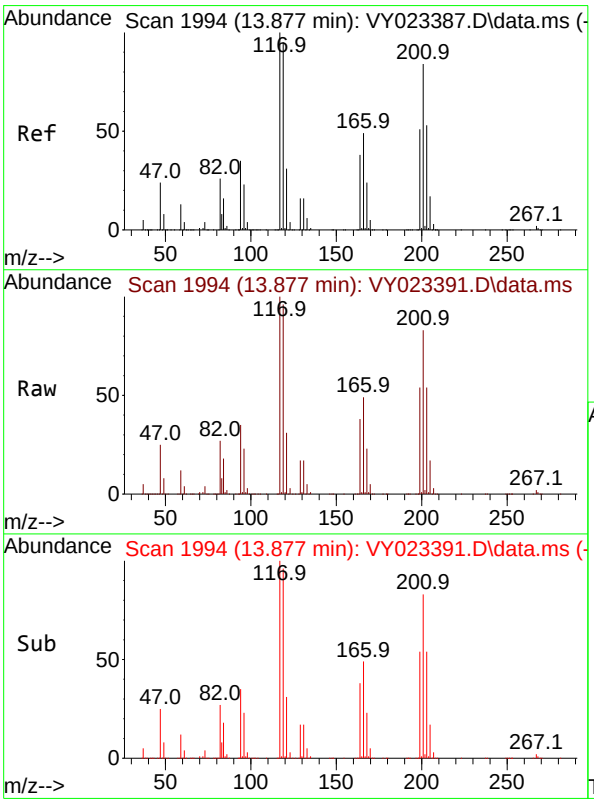
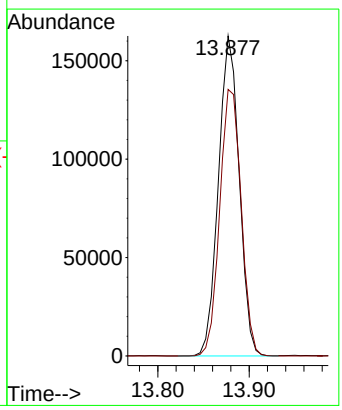
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

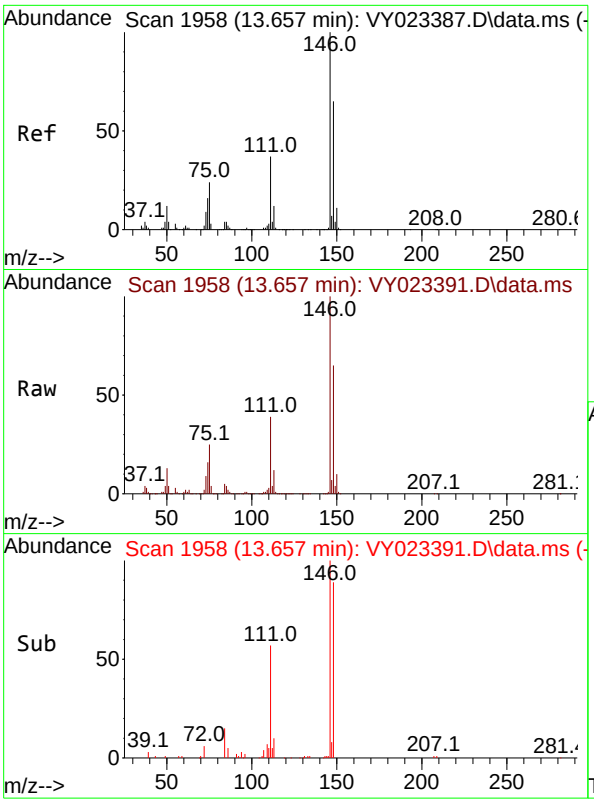


#90
Hexachloroethane
Concen: 49.116 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:117 Resp: 257335

Ion	Ratio	Lower	Upper
117	100		
201	85.7	43.8	131.4

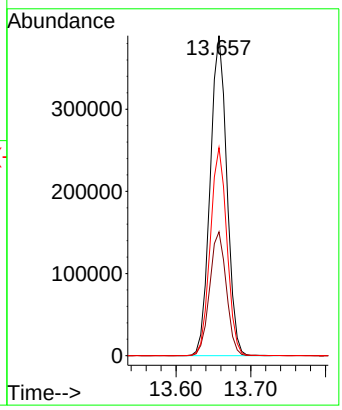




#91
1,2-Dichlorobenzene
Concen: 49.698 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:146 Resp: 60298

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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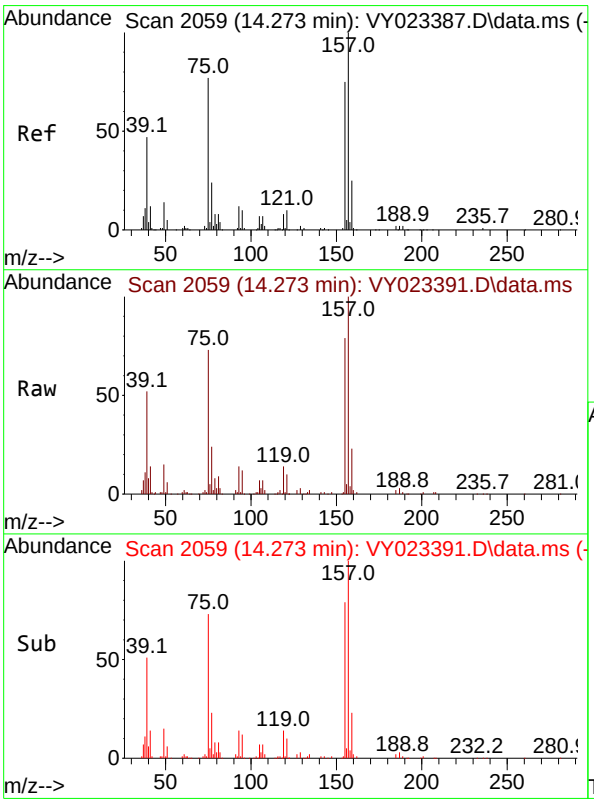
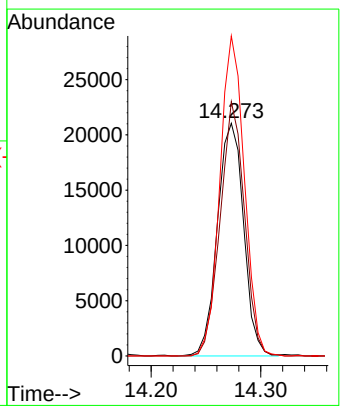
Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

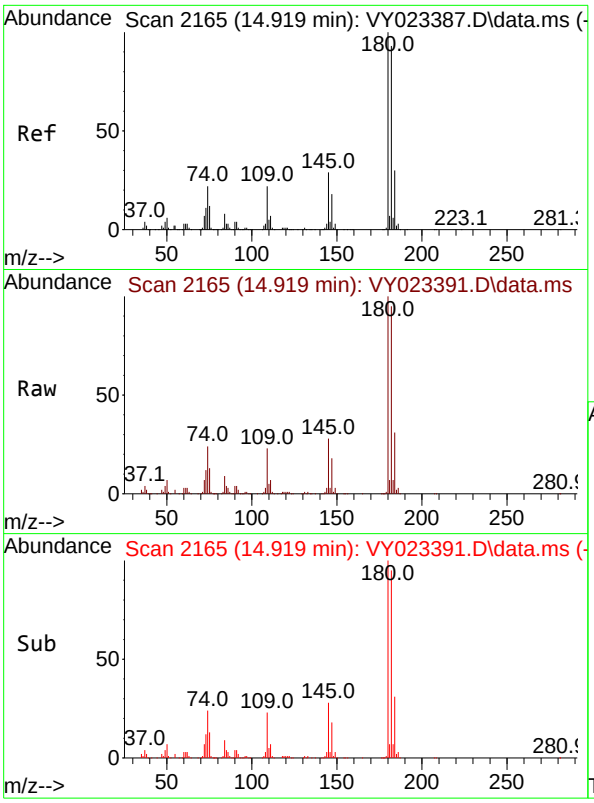


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.687 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 34928

Ion	Ratio	Lower	Upper
75	100		
155	101.5	50.0	150.0
157	128.5	63.8	191.5

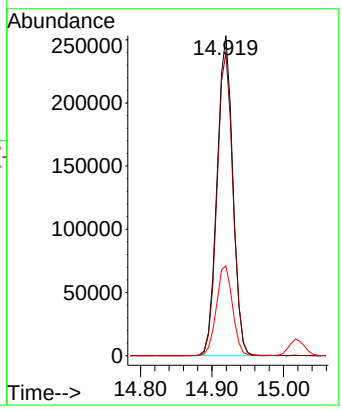




#93
1,2,4-Trichlorobenzene
Concen: 51.138 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:180 Resp: 38680

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	28.8	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations
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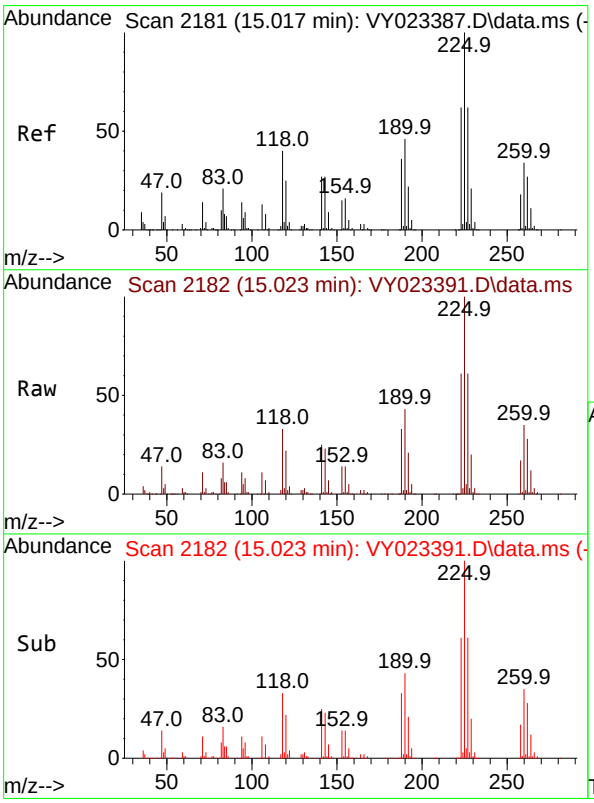
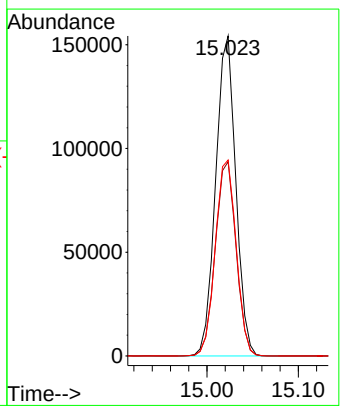
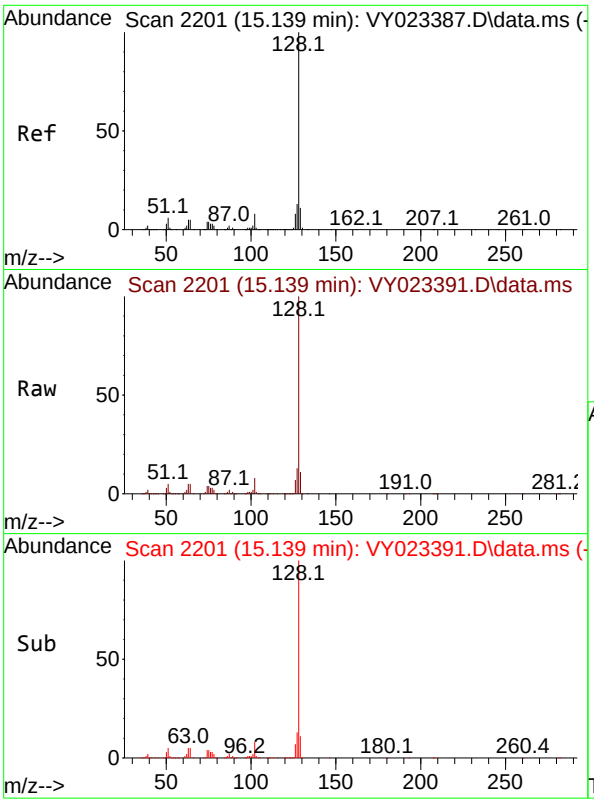


#94
Hexachlorobutadiene
Concen: 50.061 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:225 Resp: 236040

Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.8	92.3
227	63.6	31.9	95.7

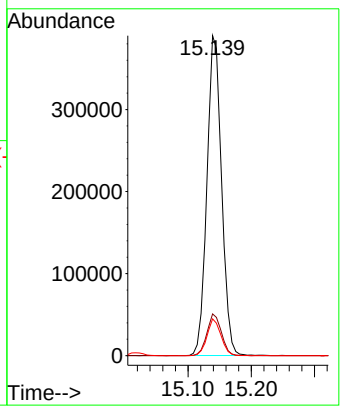




#95
Naphthalene
Concen: 52.154 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:128 Resp: 62819

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

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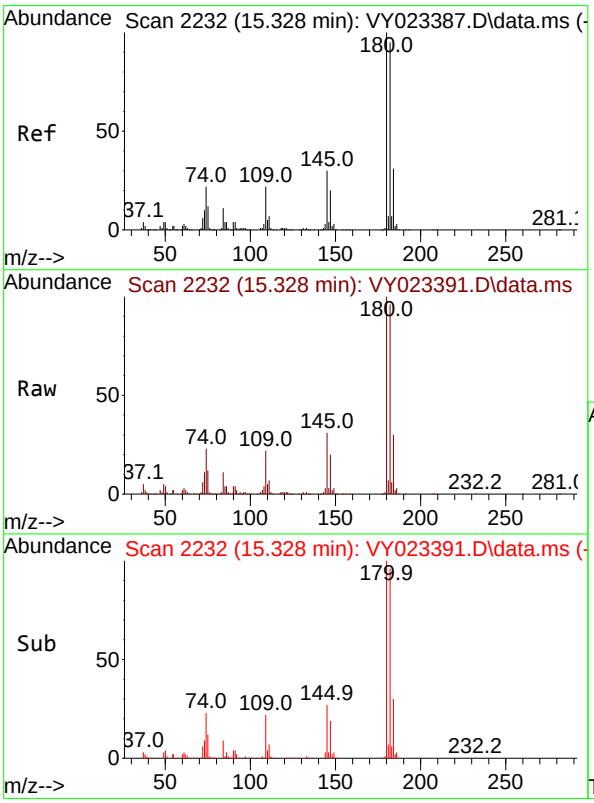
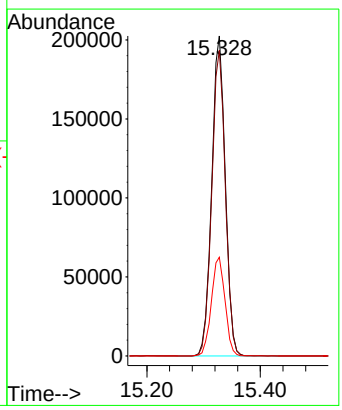


#96
1,2,3-Trichlorobenzene
Concen: 51.172 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:180 Resp: 335267

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	31.1	15.3	45.9



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	44.916	10.2	98	0.00
3	P	Chloromethane	50.000	52.519	-5.0	112	0.00
4	C	Vinyl Chloride	50.000	49.449	1.1#	103	0.00
5	T	Bromomethane	50.000	48.856	2.3	109	0.00
6	T	Chloroethane	50.000	51.367	-2.7	105	0.00
7	T	Trichlorofluoromethane	50.000	48.582	2.8	100	0.00
8	T	Diethyl Ether	50.000	51.050	-2.1	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.728	2.5	100	0.00
10	T	Methyl Iodide	50.000	51.875	-3.8	96	0.00
11	T	Tert butyl alcohol	250.000	231.079	7.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	49.653	0.7#	101	0.00
13	T	Acrolein	250.000	246.184	1.5	101	0.00
14	T	Allyl chloride	50.000	50.645	-1.3	102	0.00
15	T	Acrylonitrile	250.000	251.575	-0.6	106	0.00
16	T	Acetone	250.000	212.910	14.8	99	0.00
17	T	Carbon Disulfide	50.000	50.021	-0.0	101	0.00
18	T	Methyl Acetate	50.000	50.439	-0.9	104	0.00
19	T	Methyl tert-butyl Ether	50.000	52.230	-4.5	107	0.00
20	T	Methylene Chloride	50.000	52.503	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.482	-3.0	105	0.00
22	T	Diisopropyl ether	50.000	51.364	-2.7	103	0.00
23	T	Vinyl Acetate	250.000	260.981	-4.4	106	0.00
24	P	1,1-Dichloroethane	50.000	50.742	-1.5	104	0.00
25	T	2-Butanone	250.000	233.083	6.8	105	0.00
26	T	2,2-Dichloropropane	50.000	49.626	0.7	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.485	-5.0	107	0.00
28	T	Bromochloromethane	50.000	45.427	9.1	99	0.00
29	T	Tetrahydrofuran	250.000	253.317	-1.3	107	0.00
30	C	Chloroform	50.000	51.137	-2.3#	104	0.00
31	T	Cyclohexane	50.000	47.416	5.2	100	0.00
32	T	1,1,1-Trichloroethane	50.000	49.934	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.450	1.1	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.116	1.8	101	0.00
36	T	1,1-Dichloropropene	50.000	49.761	0.5	102	0.00
37	T	Ethyl Acetate	50.000	49.740	0.5	107	0.00
38	T	Carbon Tetrachloride	50.000	48.671	2.7	100	0.00
39	T	Methylcyclohexane	50.000	49.970	0.1	101	0.00
40	TM	Benzene	50.000	49.906	0.2	102	0.00
41	T	Methacrylonitrile	50.000	48.008	4.0	105	0.00
42	TM	1,2-Dichloroethane	50.000	49.318	1.4	104	0.00
43	T	Isopropyl Acetate	50.000	50.548	-1.1	108	0.00
44	TM	Trichloroethene	50.000	49.120	1.8	101	0.00
45	C	1,2-Dichloropropane	50.000	50.355	-0.7#	105	0.00
46	T	Dibromomethane	50.000	50.885	-1.8	106	0.00
47	T	Bromodichloromethane	50.000	50.450	-0.9	104	0.00
48	T	Methyl methacrylate	50.000	49.440	1.1	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	1039.252	-3.9	110	0.00
50	S	Toluene-d8	50.000	49.228	1.5	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.421	-1.4	106	0.00
52	CM	Toluene	50.000	51.556	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.160	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.649	-3.3	106	0.00
55	T	1,1,2-Trichloroethane	50.000	50.430	-0.9	106	0.00
56	T	Ethyl methacrylate	50.000	53.385	-6.8	107	0.00
57	T	1,3-Dichloropropane	50.000	51.113	-2.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.133	-8.9	106	0.00
59	T	2-Hexanone	250.000	245.480	1.8	105	0.00
60	T	Dibromochloromethane	50.000	50.974	-1.9	106	0.00
61	T	1,2-Dibromoethane	50.000	50.658	-1.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	49.881	0.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.087	3.8	98	0.00
65	PM	Chlorobenzene	50.000	49.381	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.537	0.9	106	0.00
67	C	Ethyl Benzene	50.000	50.841	-1.7#	104	0.00
68	T	m/p-Xylenes	100.000	101.757	-1.8	103	0.00
69	T	o-Xylene	50.000	51.577	-3.2	105	0.00
70	T	Styrene	50.000	52.122	-4.2	105	0.00
71	P	Bromoform	50.000	50.070	-0.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	50.318	-0.6	103	0.00
74	T	N-amyl acetate	50.000	51.087	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.688	0.6	111	0.00
76	T	1,2,3-Trichloropropane	50.000	42.874	14.3	90	0.00
77	T	Bromobenzene	50.000	49.590	0.8	106	0.00
78	T	n-propylbenzene	50.000	50.694	-1.4	103	0.00
79	T	2-Chlorotoluene	50.000	50.047	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.231	-2.5	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.566	6.9	103	0.00
82	T	4-Chlorotoluene	50.000	50.455	-0.9	105	0.00
83	T	tert-Butylbenzene	50.000	52.019	-4.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.520	-3.0	105	0.00
85	T	sec-Butylbenzene	50.000	50.848	-1.7	104	0.00
86	T	p-Isopropyltoluene	50.000	51.864	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.632	0.7	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.140	1.7	105	0.00
89	T	n-Butylbenzene	50.000	51.829	-3.7	105	0.00
90	T	Hexachloroethane	50.000	49.116	1.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.698	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.687	2.6	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.138	-2.3	107	0.00
94	T	Hexachlorobutadiene	50.000	50.061	-0.1	104	0.00
95	T	Naphthalene	50.000	52.154	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	51.172	-2.3	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2	T	Dichlorodifluoromethane	0.360	0.323	10.3	98	0.00
3	P	Chloromethane	0.490	0.515	-5.1	112	0.00
4	C	Vinyl Chloride	0.639	0.632	1.1#	103	0.00
5	T	Bromomethane	0.536	0.524	2.2	109	0.00
6	T	Chloroethane	0.435	0.447	-2.8	105	0.00
7	T	Trichlorofluoromethane	0.887	0.862	2.8	100	0.00
8	T	Diethyl Ether	0.232	0.237	-2.2	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.448	2.6	100	0.00
10	T	Methyl Iodide	0.512	0.531	-3.7	96	0.00
11	T	Tert butyl alcohol	0.031	0.029	6.5	112	0.00
12	CM	1,1-Dichloroethene	0.446	0.443	0.7#	101	0.00
13	T	Acrolein	0.044	0.043	2.3	101	0.00
14	T	Allyl chloride	0.544	0.551	-1.3	102	0.00
15	T	Acrylonitrile	0.089	0.089	0.0	106	0.00
16	T	Acetone	0.100	0.085	15.0	99	0.00
17	T	Carbon Disulfide	1.277	1.277	0.0	101	0.00
18	T	Methyl Acetate	0.261	0.263	-0.8	104	0.00
19	T	Methyl tert-butyl Ether	1.072	1.120	-4.5	107	0.00
20	T	Methylene Chloride	0.538	0.565	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.506	-3.1	105	0.00
22	T	Diisopropyl ether	1.202	1.235	-2.7	103	0.00
23	T	Vinyl Acetate	0.651	0.679	-4.3	106	0.00
24	P	1,1-Dichloroethane	0.796	0.808	-1.5	104	0.00
25	T	2-Butanone	0.122	0.113	7.4	105	0.00
26	T	2,2-Dichloropropane	0.731	0.725	0.8	100	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.595	-4.9	107	0.00
28	T	Bromochloromethane	0.297	0.270	9.1	99	0.00
29	T	Tetrahydrofuran	0.069	0.070	-1.4	107	0.00
30	C	Chloroform	0.875	0.895	-2.3#	104	0.00
31	T	Cyclohexane	0.696	0.660	5.2	100	0.00
32	T	1,1,1-Trichloroethane	0.795	0.794	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.414	1.0	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.307	0.302	1.6	101	0.00
36	T	1,1-Dichloropropene	0.407	0.405	0.5	102	0.00
37	T	Ethyl Acetate	0.161	0.160	0.6	107	0.00
38	T	Carbon Tetrachloride	0.493	0.480	2.6	100	0.00
39	T	Methylcyclohexane	0.530	0.529	0.2	101	0.00
40	TM	Benzene	1.288	1.286	0.2	102	0.00
41	T	Methacrylonitrile	0.087	0.084	3.4	105	0.00
42	TM	1,2-Dichloroethane	0.332	0.328	1.2	104	0.00
43	T	Isopropyl Acetate	0.321	0.325	-1.2	108	0.00
44	TM	Trichloroethene	0.377	0.370	1.9	101	0.00
45	C	1,2-Dichloropropane	0.285	0.287	-0.7#	105	0.00
46	T	Dibromomethane	0.180	0.183	-1.7	106	0.00
47	T	Bromodichloromethane	0.453	0.457	-0.9	104	0.00
48	T	Methyl methacrylate	0.151	0.149	1.3	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.002	0.002	0.0	110	0.00
50	S	Toluene-d8	1.144	1.126	1.6	100	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.168	-1.2	106	0.00
52	CM	Toluene	0.836	0.862	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	0.394	0.403	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.480	-3.2	106	0.00
55	T	1,1,2-Trichloroethane	0.242	0.244	-0.8	106	0.00
56	T	Ethyl methacrylate	0.279	0.298	-6.8	107	0.00
57	T	1,3-Dichloropropane	0.383	0.392	-2.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.136	-8.8	106	0.00
59	T	2-Hexanone	0.119	0.116	2.5	105	0.00
60	T	Dibromochloromethane	0.339	0.346	-2.1	106	0.00
61	T	1,2-Dibromoethane	0.231	0.234	-1.3	105	0.00
62	S	4-Bromofluorobenzene	0.378	0.377	0.3	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.516	0.497	3.7	98	0.00
65	PM	Chlorobenzene	1.087	1.074	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	106	0.00
67	C	Ethyl Benzene	1.760	1.790	-1.7#	104	0.00
68	T	m/p-Xylenes	0.706	0.718	-1.7	103	0.00
69	T	o-Xylene	0.662	0.683	-3.2	105	0.00
70	T	Styrene	1.089	1.135	-4.2	105	0.00
71	P	Bromoform	0.240	0.241	-0.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.295	3.316	-0.6	103	0.00
74	T	N-amyl acetate	0.592	0.605	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.536	0.6	111	0.00
76	T	1,2,3-Trichloropropane	0.441	0.378	14.3	90	0.00
77	T	Bromobenzene	0.876	0.869	0.8	106	0.00
78	T	n-propylbenzene	3.813	3.866	-1.4	103	0.00
79	T	2-Chlorotoluene	2.233	2.235	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.728	-2.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.168	6.7	103	0.00
82	T	4-Chlorotoluene	2.300	2.321	-0.9	105	0.00
83	T	tert-Butylbenzene	2.458	2.558	-4.1	105	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.738	-3.0	105	0.00
85	T	sec-Butylbenzene	3.527	3.586	-1.7	104	0.00
86	T	p-Isopropyltoluene	3.003	3.115	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	1.706	1.693	0.8	106	0.00
88	T	1,4-Dichlorobenzene	1.685	1.656	1.7	105	0.00
89	T	n-Butylbenzene	2.616	2.712	-3.7	105	0.00
90	T	Hexachloroethane	0.646	0.634	1.9	105	0.00
91	T	1,2-Dichlorobenzene	1.496	1.487	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.086	2.3	107	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.954	-2.4	107	0.00
94	T	Hexachlorobutadiene	0.581	0.582	-0.2	104	0.00
95	T	Naphthalene	1.485	1.549	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.827	-2.4	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX048252.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3413
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/21/2025 08:43
Lab File ID:	VX048252.D	Init. Calib. Date(s):	10/20/2025 10/20/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.514	0.496		-3.5	20
Chloromethane	0.480	0.468	0.1	-2.5	20
Vinyl Chloride	0.444	0.448		0.9	20
Bromomethane	0.302	0.299		-0.99	20
Chloroethane	0.261	0.261		0	20
Trichlorofluoromethane	0.852	0.813		-4.58	20
1,1,2-Trichlorotrifluoroethane	0.540	0.513		-5	20
1,1-Dichloroethene	0.525	0.498		-5.14	20
Acetone	0.240	0.230		-4.17	20
Carbon Disulfide	1.654	1.439		-13	20
Methyl tert-butyl Ether	1.791	1.576		-12	20
Methyl Acetate	0.502	0.411		-18.13	20
Methylene Chloride	0.586	0.556		-5.12	20
trans-1,2-Dichloroethene	0.577	0.538		-6.76	20
1,1-Dichloroethane	1.051	0.952	0.1	-9.42	20
Cyclohexane	0.870	0.788		-9.43	20
2-Butanone	0.304	0.260		-14.47	20
Carbon Tetrachloride	0.599	0.533		-11.02	20
cis-1,2-Dichloroethene	0.673	0.610		-9.36	20
Bromochloromethane	0.436	0.435		-0.23	20
Chloroform	1.123	1.006		-10.42	20
1,1,1-Trichloroethane	1.035	0.920		-11.11	20
Methylcyclohexane	0.573	0.510		-10.99	20
Benzene	1.409	1.280		-9.15	20
1,2-Dichloroethane	0.520	0.466		-10.39	20
Trichloroethene	0.372	0.337		-9.41	20
1,2-Dichloropropane	0.335	0.305		-8.95	20
Bromodichloromethane	0.563	0.510		-9.41	20
4-Methyl-2-Pentanone	0.381	0.302		-20.74	20
Toluene	0.895	0.795		-11.17	20
t-1,3-Dichloropropene	0.543	0.493		-9.21	20
cis-1,3-Dichloropropene	0.586	0.529		-9.73	20
1,1,2-Trichloroethane	0.333	0.291		-12.61	20
2-Hexanone	0.266	0.227		-14.66	20
Dibromochloromethane	0.447	0.388		-13.2	20
1,2-Dibromoethane	0.355	0.307		-13.52	20
Tetrachloroethene	0.373	0.325		-12.87	20
Chlorobenzene	1.125	1.025	0.3	-8.89	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX048252.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3413
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/21/2025 08:43
Lab File ID:	VX048252.D	Init. Calib. Date(s):	10/20/2025 10/20/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.915	1.738		-9.24	20
m/p-Xylenes	0.712	0.666		-6.46	20
o-Xylene	0.687	0.625		-9.02	20
Styrene	1.170	1.107		-5.39	20
Bromoform	0.330	0.283	0.1	-14.24	20
Isopropylbenzene	3.652	3.379		-7.47	20
1,1,2,2-Tetrachloroethane	0.997	0.857	0.3	-14.04	20
1,3-Dichlorobenzene	1.726	1.555		-9.91	20
1,4-Dichlorobenzene	1.788	1.551		-13.26	20
1,2-Dichlorobenzene	1.621	1.416		-12.65	20
1,2-Dibromo-3-Chloropropane	0.202	0.163		-19.31	20
1,2,4-Trichlorobenzene	1.096	0.885		-19.25	20
1,2,3-Trichlorobenzene	1.006	0.834		-17.1	20
1,2-Dichloroethane-d4	0.701	0.658		-6.13	20
Dibromofluoromethane	0.341	0.340		-0.29	20
Toluene-d8	1.196	1.150		-3.85	20
4-Bromofluorobenzene	0.455	0.419		-7.91	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_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	144122	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	227103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	96991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94847	46.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.880%			
35) Dibromofluoromethane	5.361	113	77279	49.844	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.628	98	261228	48.070	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.061	95	95248	46.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	71433	48.214	ug/l	96
3) Chloromethane	1.300	50	67413	48.746	ug/l	98
4) Vinyl Chloride	1.380	62	64624	50.463	ug/l	99
5) Bromomethane	1.617	94	43146	49.645	ug/l	97
6) Chloroethane	1.697	64	37653	50.036	ug/l	90
7) Trichlorofluoromethane	1.898	101	117120	47.687	ug/l	99
8) Diethyl Ether	2.129	74	32474	46.991	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	73938	47.541	ug/l	96
10) Methyl Iodide	2.453	142	89481	45.766	ug/l	100
11) Tert butyl alcohol	2.934	59	34686	172.886	ug/l	98
12) 1,1-Dichloroethene	2.325	96	71745	47.416	ug/l	88
13) Acrolein	2.233	56	55830	272.848	ug/l	99
14) Allyl chloride	2.666	41	114538	45.594	ug/l	97
15) Acrylonitrile	3.050	53	152721	211.101	ug/l	99
16) Acetone	2.367	43	166093	239.598	ug/l	95
17) Carbon Disulfide	2.514	76	207386	43.489	ug/l	100
18) Methyl Acetate	2.696	43	59246	40.924	ug/l	94
19) Methyl tert-butyl Ether	3.099	73	227127	44.001	ug/l	97
20) Methylene Chloride	2.788	84	80164	47.460	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	77587	46.681	ug/l	97
22) Diisopropyl ether	3.745	45	232684	46.439	ug/l	95
23) Vinyl Acetate	3.708	43	904806	226.065	ug/l	98
24) 1,1-Dichloroethane	3.599	63	137234	45.296	ug/l	99
25) 2-Butanone	4.531	43	187588	213.793	ug/l	100
26) 2,2-Dichloropropane	4.458	77	122921	44.950	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	87886	45.309	ug/l	98
28) Bromochloromethane	4.879	49	62707	49.917	ug/l	86
29) Tetrahydrofuran	4.983	42	100043	190.379	ug/l	93
30) Chloroform	5.074	83	145033	44.807	ug/l	98
31) Cyclohexane	5.452	56	113590	45.286	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	132637	44.462	ug/l	98
36) 1,1-Dichloropropene	5.672	75	97868	44.412	ug/l	100
37) Ethyl Acetate	4.690	43	73825	40.418	ug/l	98
38) Carbon Tetrachloride	5.659	117	120960	44.491	ug/l	96
39) Methylcyclohexane	7.360	83	115804	44.497	ug/l	95
40) Benzene	6.013	78	290616	45.424	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	40965	42.707	ug/l		96
42) 1,2-Dichloroethane	6.062	62	105747	44.791	ug/l		99
43) Isopropyl Acetate	6.318	43	122589	40.859	ug/l		95
44) Trichloroethene	7.104	130	76506	45.286	ug/l		92
45) 1,2-Dichloropropane	7.409	63	69342	45.586	ug/l		100
46) Dibromomethane	7.561	93	52913	44.649	ug/l		94
47) Bromodichloromethane	7.799	83	115823	45.265	ug/l		98
48) Methyl methacrylate	7.671	41	62073	41.000	ug/l		94
49) 1,4-Dioxane	7.641	88	15658	782.834	ug/l		92
51) 4-Methyl-2-Pentanone	8.555	43	343412	198.518	ug/l		95
52) Toluene	8.701	92	180638	44.443	ug/l		100
53) t-1,3-Dichloropropene	8.957	75	111868	45.367	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	120247	45.199	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	66141	43.758	ug/l		99
56) Ethyl methacrylate	9.098	69	94033	42.533	ug/l		94
57) 1,3-Dichloropropane	9.287	76	112894	43.726	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	253467	213.469	ug/l		95
59) 2-Hexanone	9.409	43	257988	213.881	ug/l		95
60) Dibromochloromethane	9.500	129	88005	43.319	ug/l		99
61) 1,2-Dibromoethane	9.592	107	69657	43.228	ug/l		98
64) Tetrachloroethene	9.256	164	64080	43.569	ug/l		98
65) Chlorobenzene	10.061	112	201952	45.568	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.140	131	73602	45.215	ug/l		98
67) Ethyl Benzene	10.177	91	342357	45.371	ug/l		98
68) m/p-Xylenes	10.280	106	262482	93.624	ug/l		98
69) o-Xylene	10.622	106	123116	45.486	ug/l		98
70) Styrene	10.634	104	218038	47.309	ug/l		100
71) Bromoform	10.780	173	55833	42.915	ug/l	#	99
73) Isopropylbenzene	10.945	105	327700	46.258	ug/l		100
74) N-amyl acetate	10.823	43	104260	41.490	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.195	83	83168	42.990	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	69389m	44.116	ug/l		
77) Bromobenzene	11.177	156	80981	45.589	ug/l		94
78) n-propylbenzene	11.286	91	383372	46.739	ug/l		98
79) 2-Chlorotoluene	11.347	91	226051	45.456	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	270132	46.077	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	27826	43.041	ug/l		98
82) 4-Chlorotoluene	11.433	91	271398	45.973	ug/l		98
83) tert-Butylbenzene	11.695	119	269543	44.748	ug/l		98
84) 1,2,4-Trimethylbenzene	11.731	105	270636	46.257	ug/l		99
85) sec-Butylbenzene	11.872	105	324459	44.772	ug/l		99
86) p-Isopropyltoluene	11.987	119	278806	44.510	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	150857	45.050	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	150468	43.374	ug/l		99
89) n-Butylbenzene	12.311	91	246692	43.269	ug/l		99
90) Hexachloroethane	12.518	117	53716	43.425	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	137387	43.698	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15819	40.283	ug/l		100
93) 1,2,4-Trichlorobenzene	13.566	180	85831	40.369	ug/l		99
94) Hexachlorobutadiene	13.707	225	32869	41.267	ug/l		99
95) Naphthalene	13.755	128	233946	41.531	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	80863	41.446	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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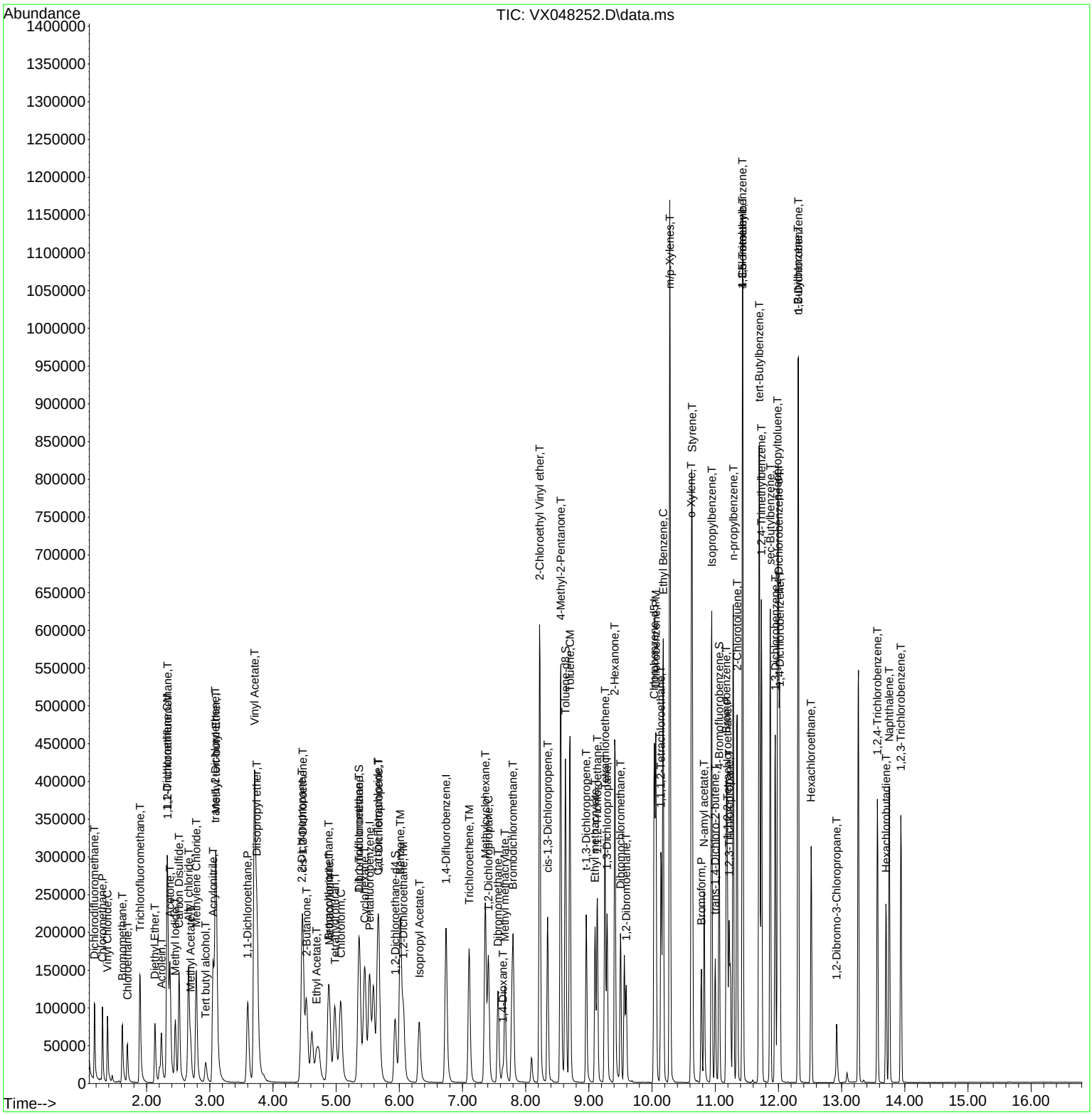
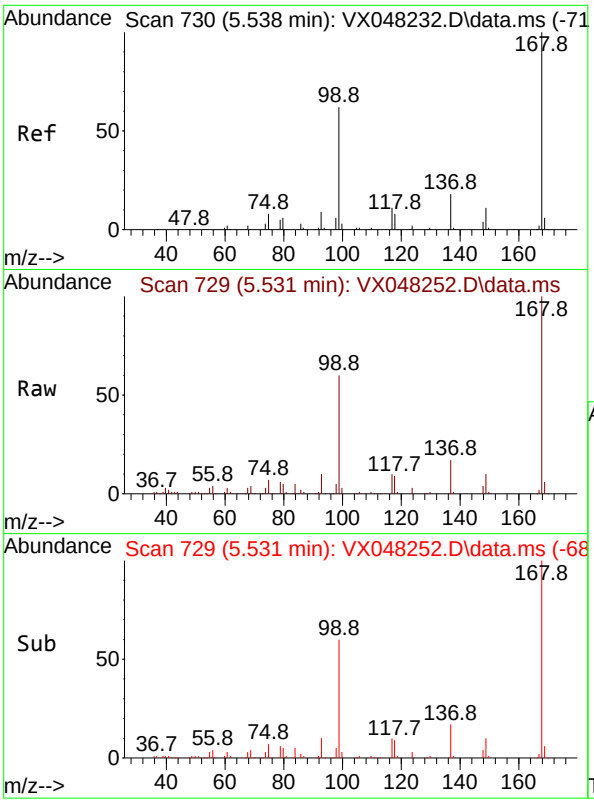
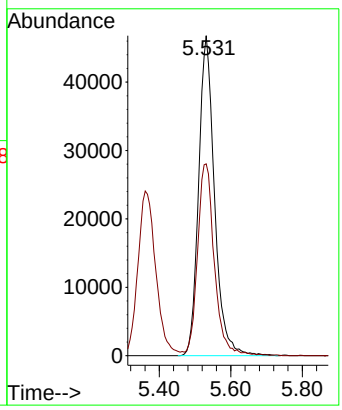




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:168 Resp: 14412

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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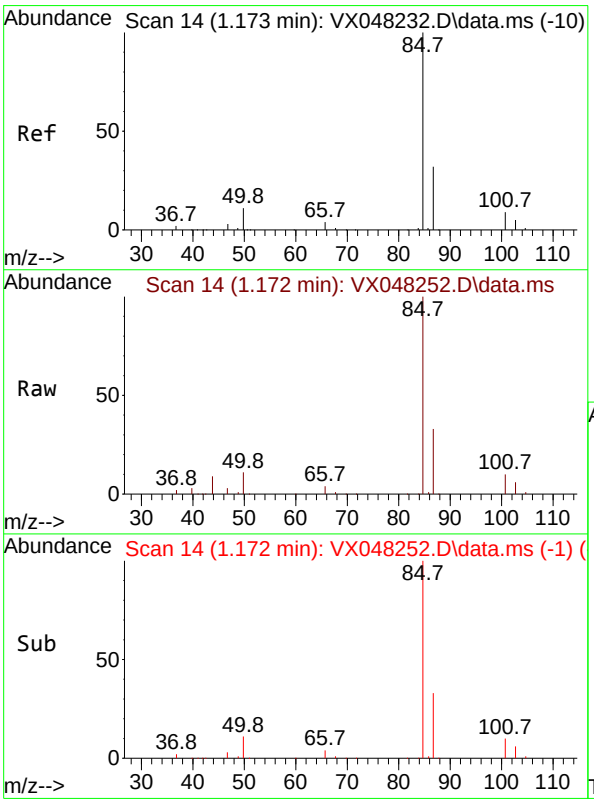
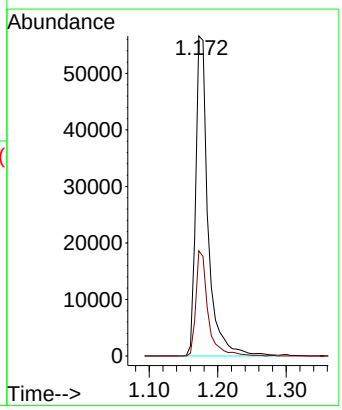
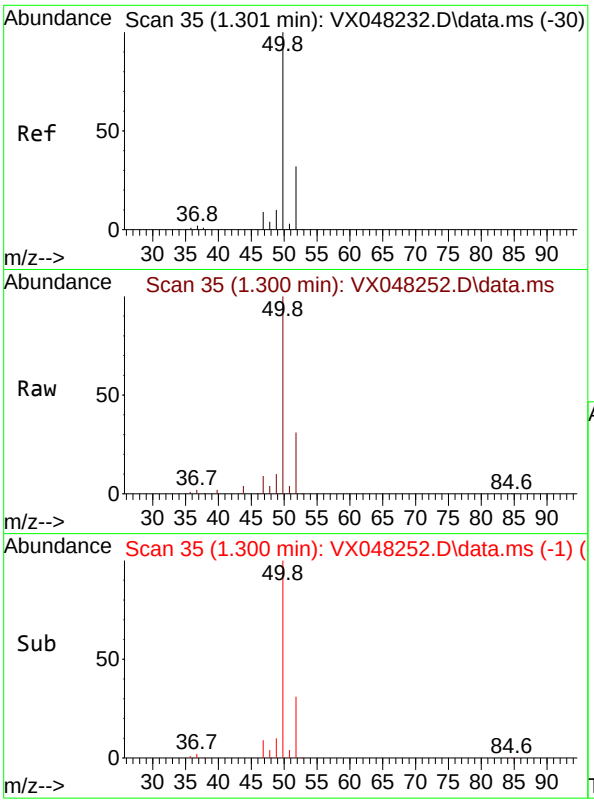


#2
Dichlorodifluoromethane
Concen: 48.214 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 85 Resp: 71433

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.3	45.9

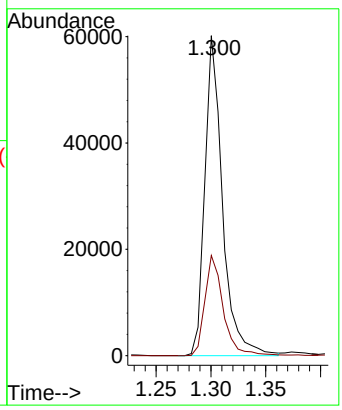




#3
Chloromethane
Concen: 48.746 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 50 Resp: 6741

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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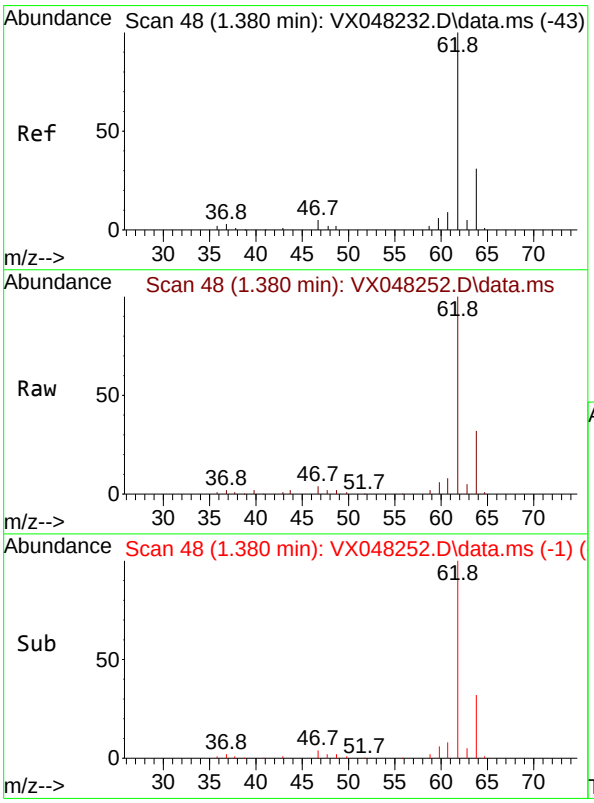
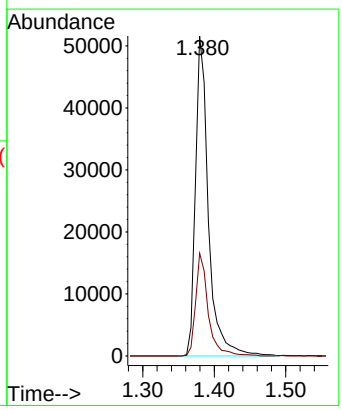
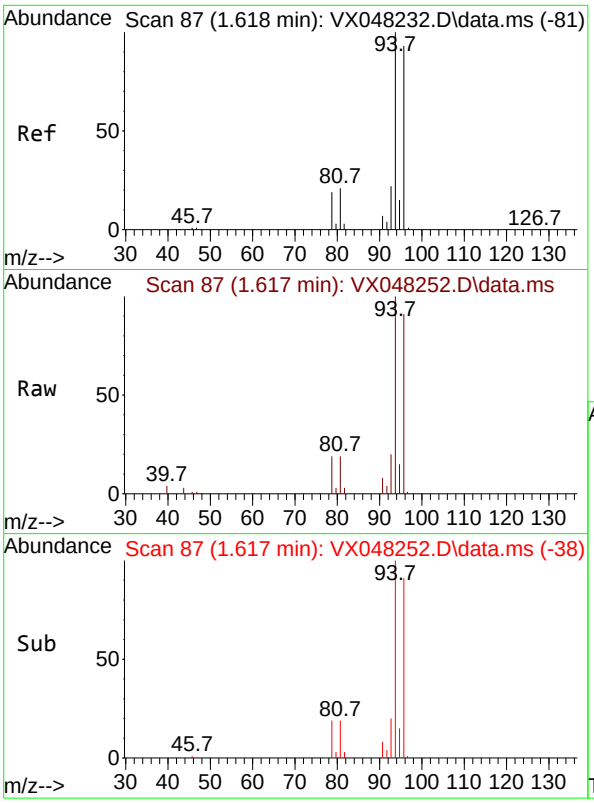


#4
Vinyl Chloride
Concen: 50.463 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 62 Resp: 64624

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.1	37.7





#5
Bromomethane
Concen: 49.645 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 94 Resp: 4314

Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.0	114.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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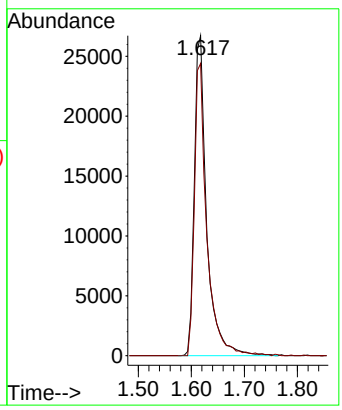
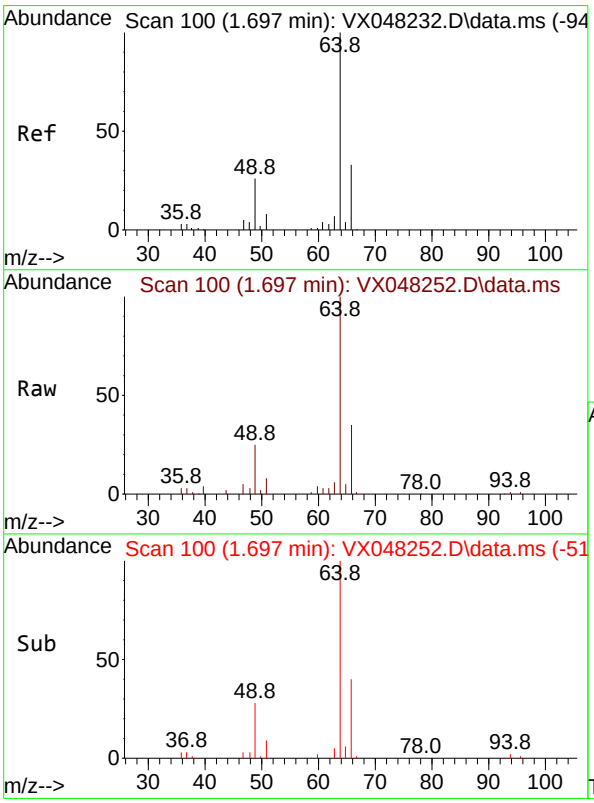
Supervised By :Mahesh Dadoda 10/24/2025

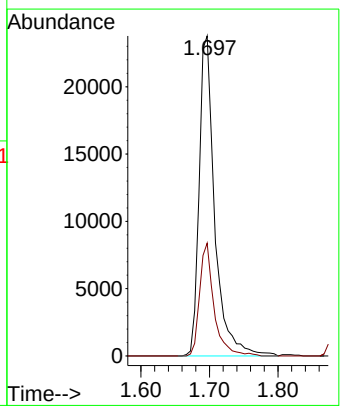


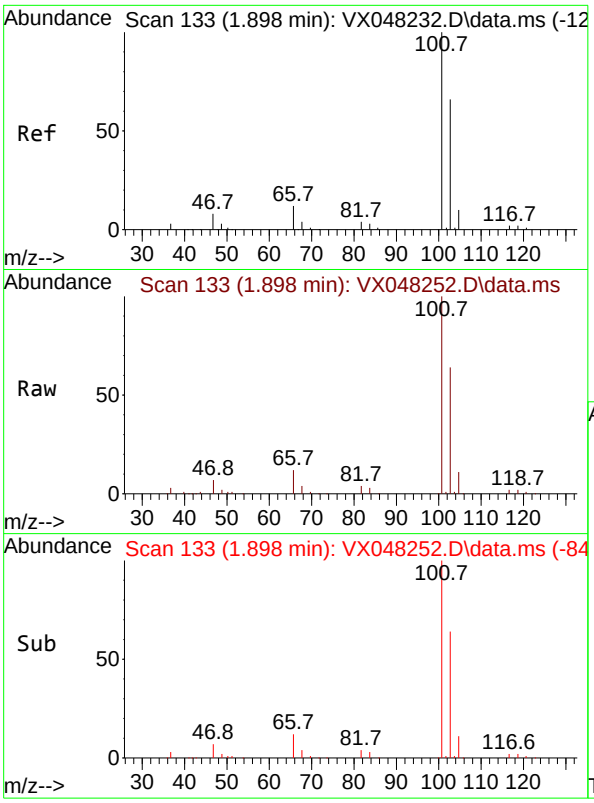


#6
Chloroethane
Concen: 50.036 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 64 Resp: 37653

Ion	Ratio	Lower	Upper
64	100		
66	35.2	23.9	35.9





#7
Trichlorofluoromethane
Concen: 47.687 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:101 Resp: 11712

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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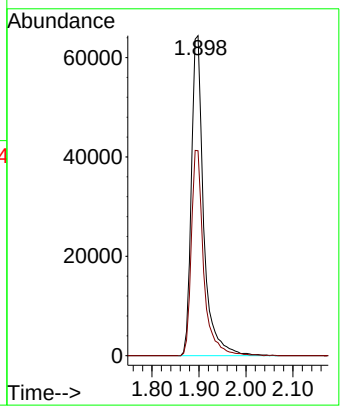
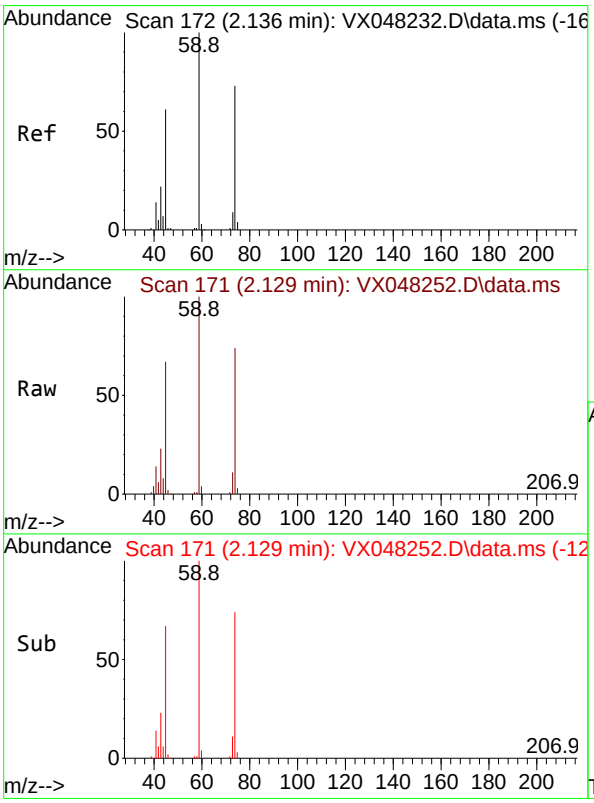
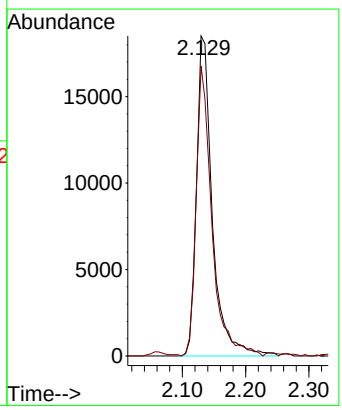


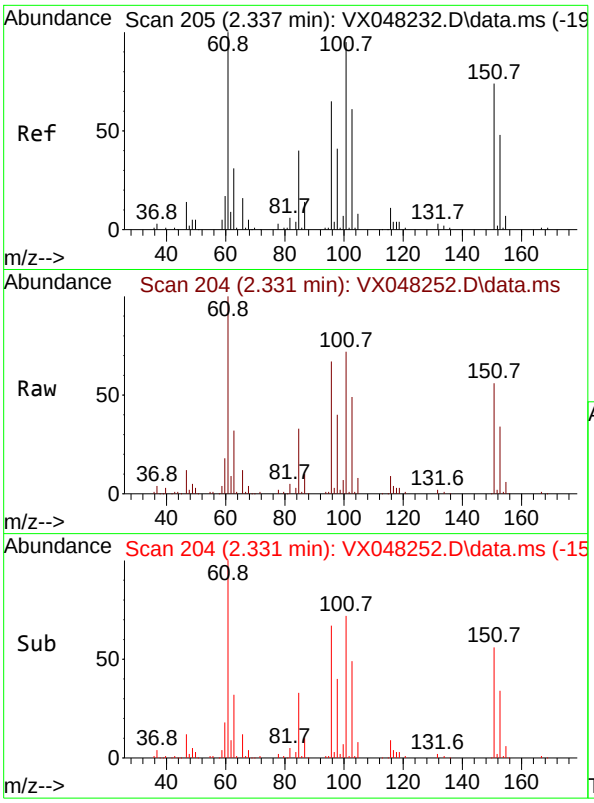


#8
Diethyl Ether
Concen: 46.991 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 74 Resp: 32474

Ion	Ratio	Lower	Upper
74	100		
45	89.4	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.541 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:101 Resp: 7393

Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.6	53.4
151	77.9	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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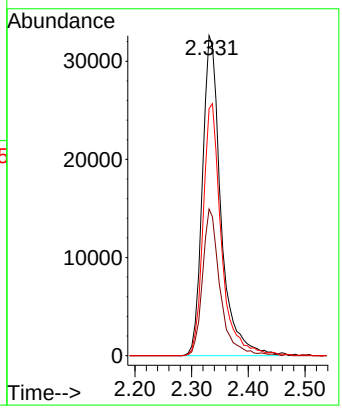
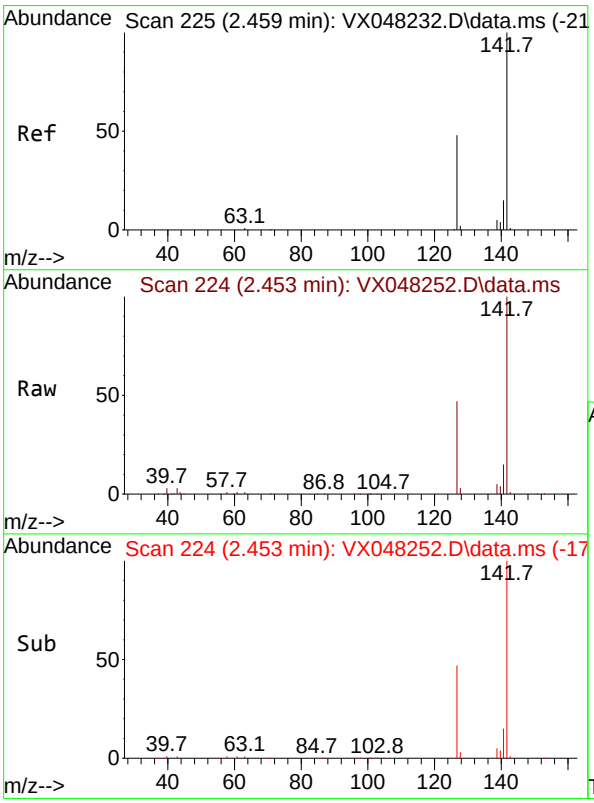
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

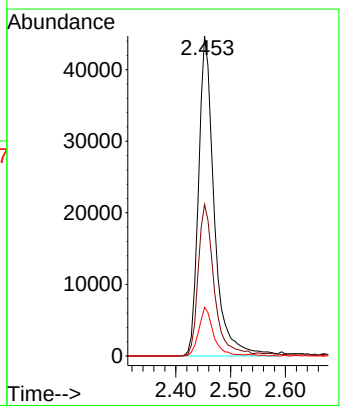


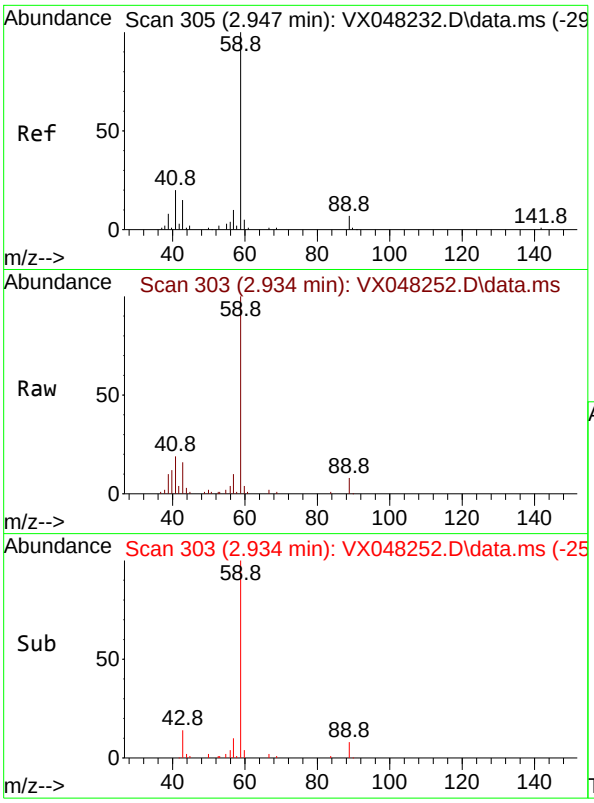


#10
Methyl Iodide
Concen: 45.766 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:142 Resp: 89481

Ion	Ratio	Lower	Upper
142	100		
127	48.1	38.5	57.7
141	14.1	11.6	17.4





#11
Tert butyl alcohol
Concen: 172.886 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 59 Resp: 3468

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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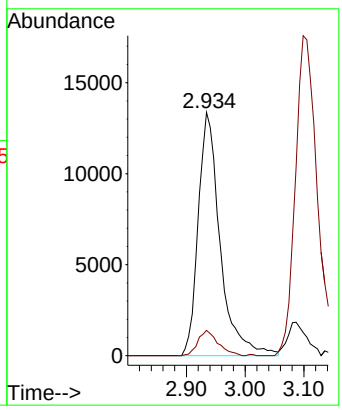
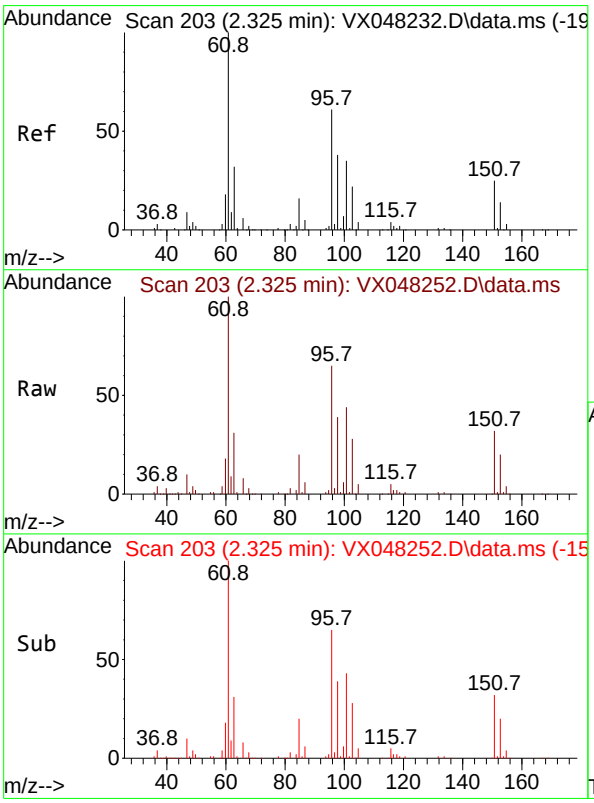
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

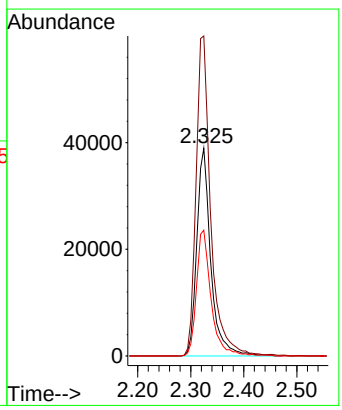


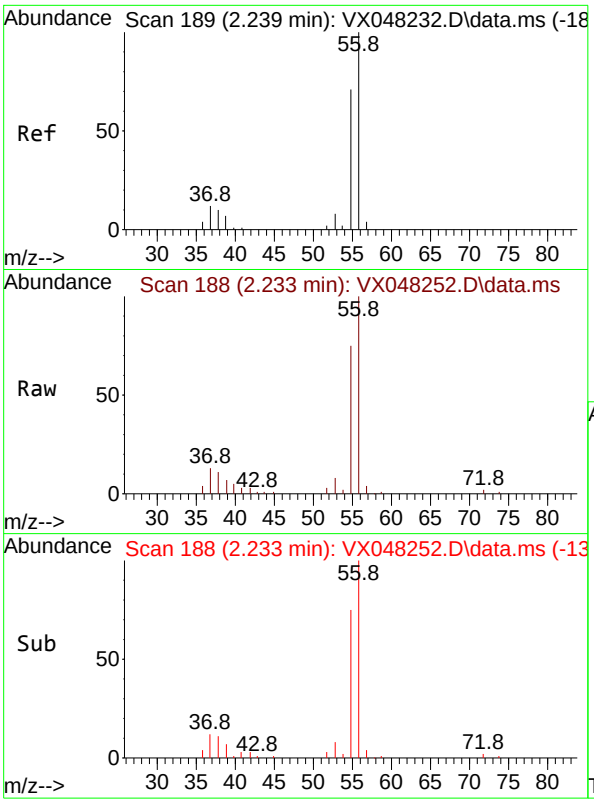


#12
1,1-Dichloroethene
Concen: 47.416 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 96 Resp: 71745

Ion	Ratio	Lower	Upper
96	100		
61	154.0	139.0	208.6
98	60.6	52.4	78.6

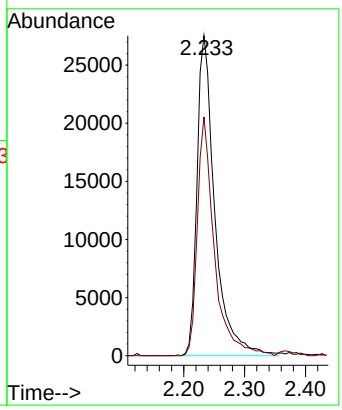




#13
Acrolein
Concen: 272.848 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 56 Resp: 5583

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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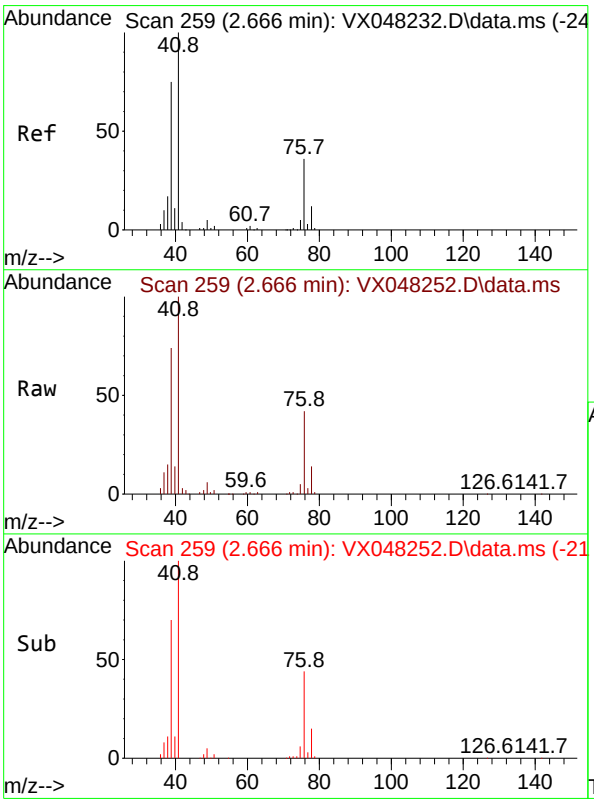
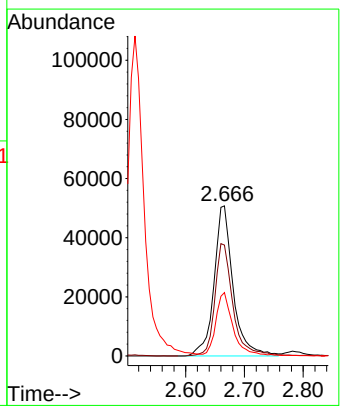
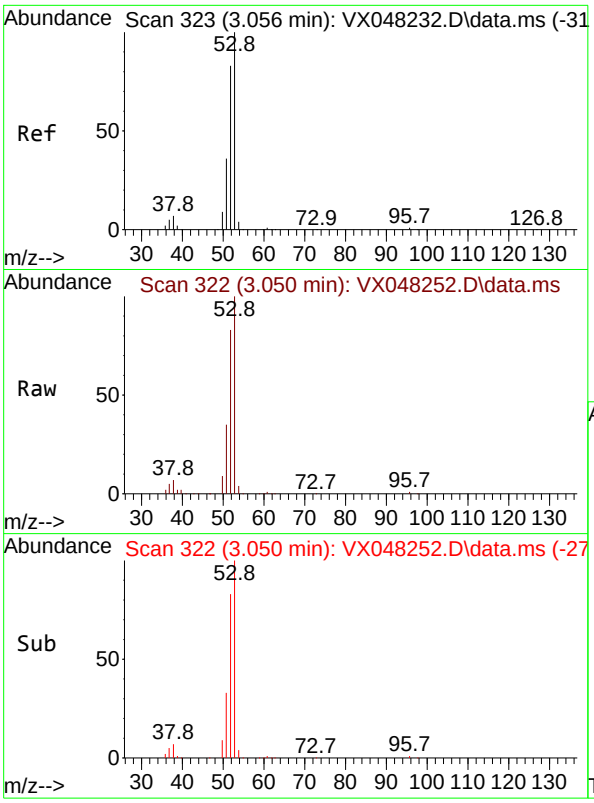


#14
Allyl chloride
Concen: 45.594 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 41 Resp: 114538

Ion	Ratio	Lower	Upper
41	100		
39	71.0	56.0	84.0
76	38.7	27.5	41.3

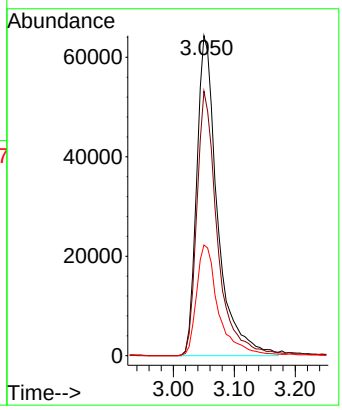




#15
Acrylonitrile
Concen: 211.101 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 53 Resp: 15272

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.1	99.1
51	36.7	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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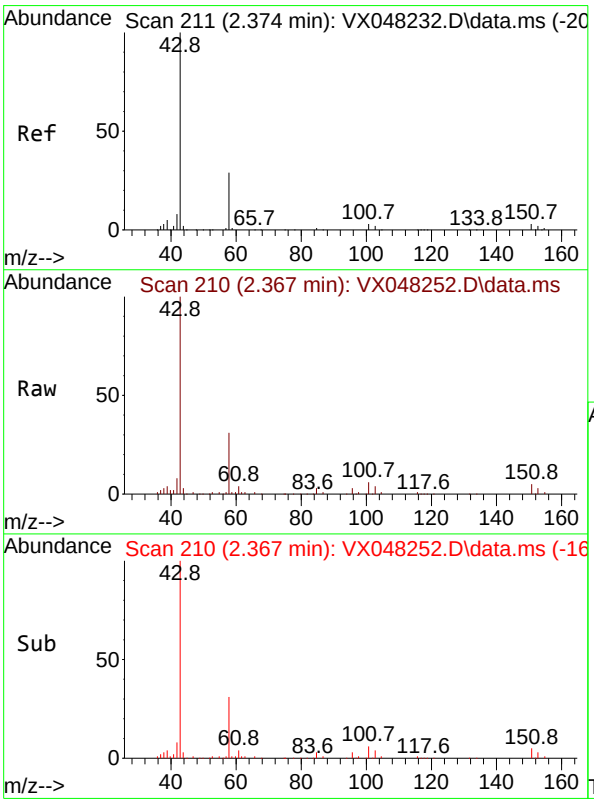
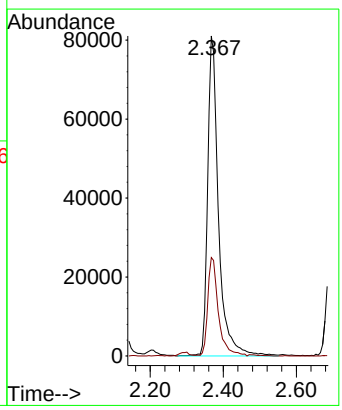
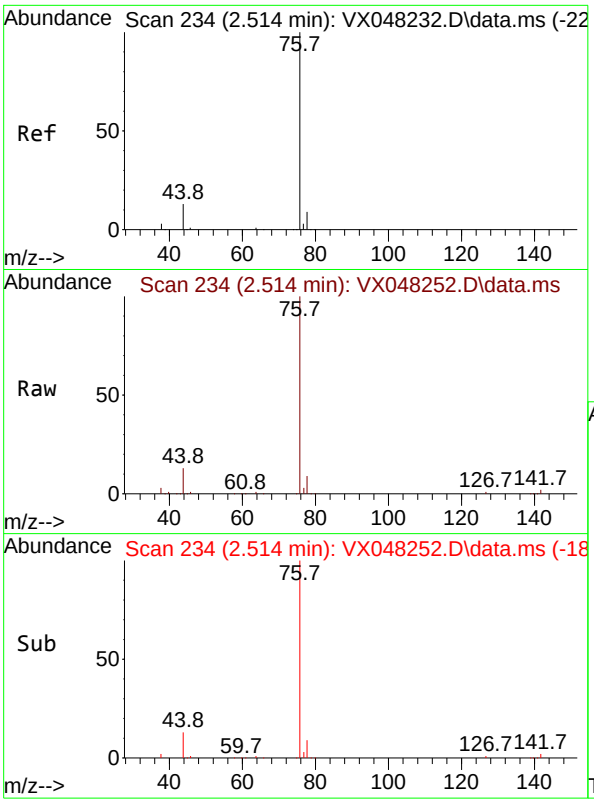


#16
Acetone
Concen: 239.598 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 166093

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.4	35.2





#17
Carbon Disulfide
Concen: 43.489 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 76 Resp: 20738

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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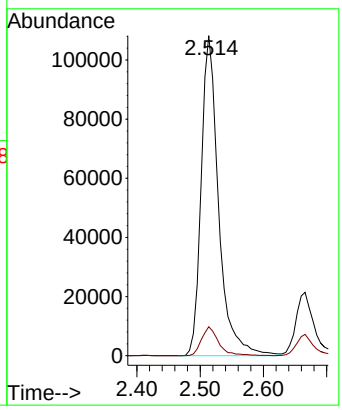
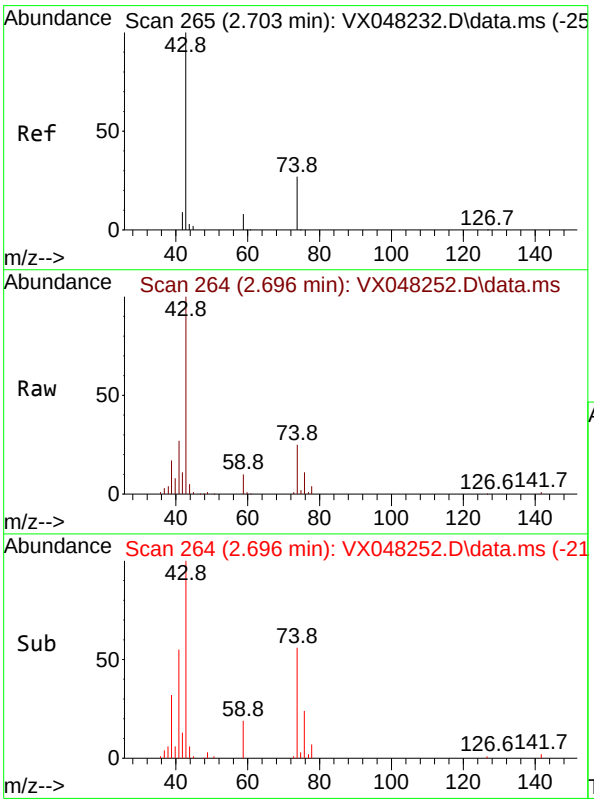
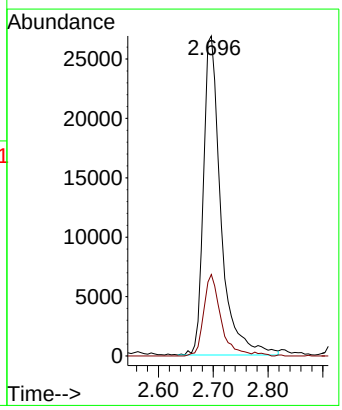


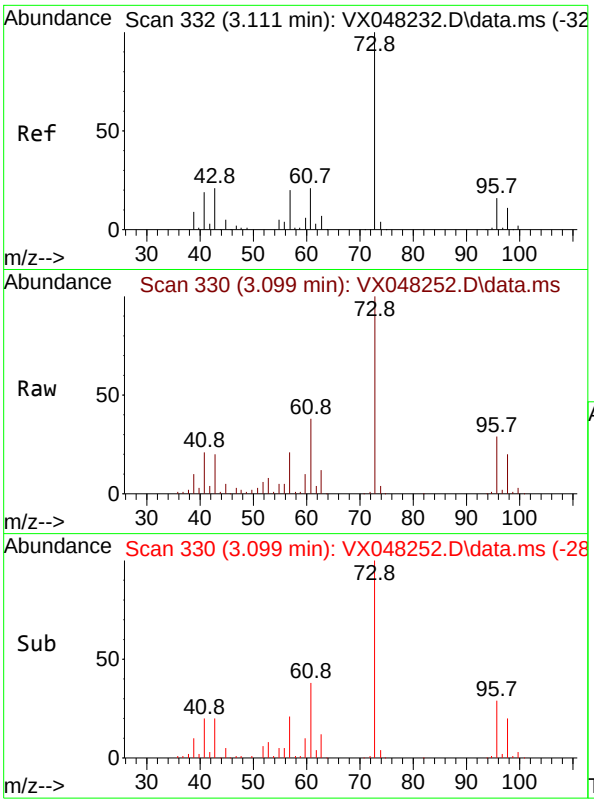


#18
Methyl Acetate
Concen: 40.924 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 59246

Ion	Ratio	Lower	Upper
43	100		
74	24.9	17.5	26.3

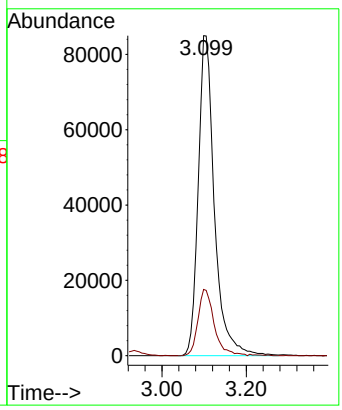




#19
Methyl tert-butyl Ether
Concen: 44.001 ug/l
RT: 3.099 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 73 Resp: 22712

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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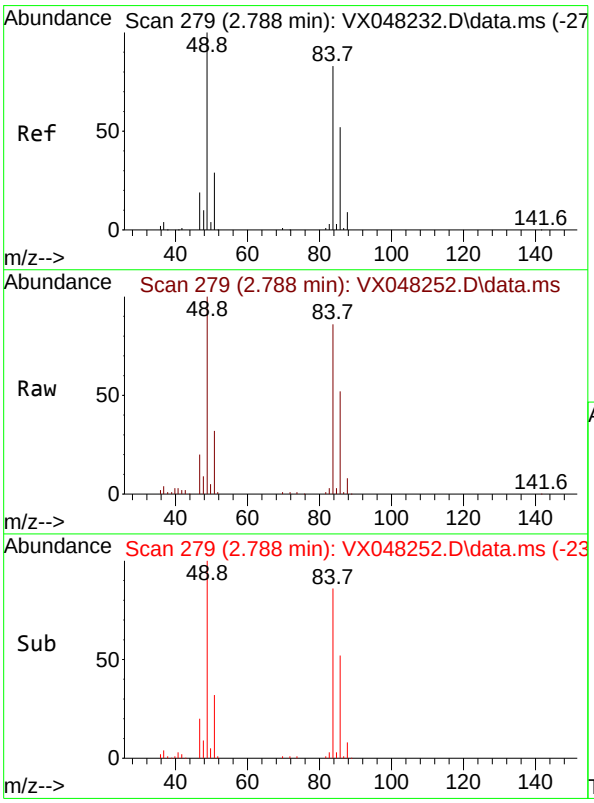
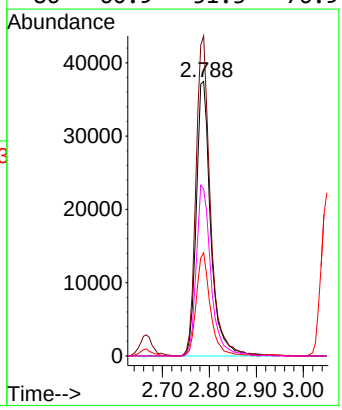
Supervised By :Mahesh Dadoda 10/24/2025

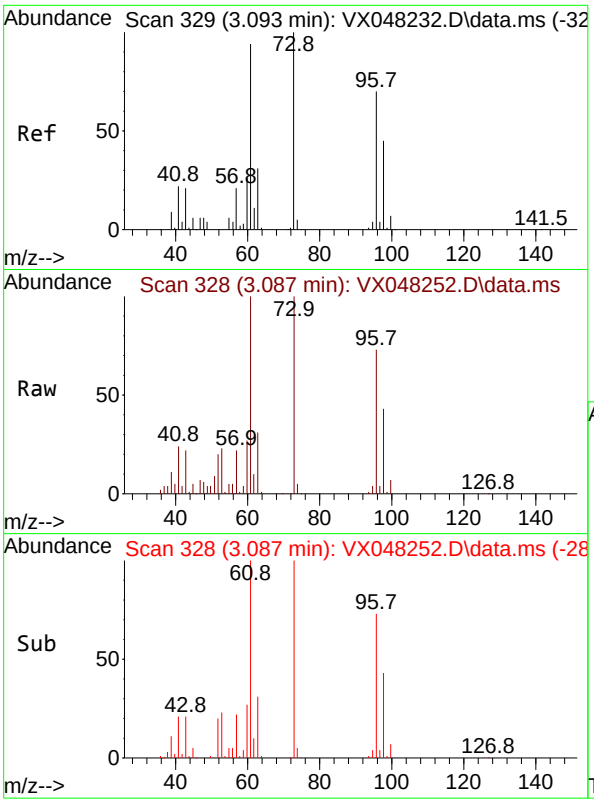


#20
Methylene Chloride
Concen: 47.460 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 84 Resp: 80164

Ion	Ratio	Lower	Upper
84	100		
49	116.6	104.1	156.1
51	37.6	31.3	46.9
86	60.9	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 46.681 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 96 Resp: 7758

Ion	Ratio	Lower	Upper
96	100		
61	137.4	111.9	167.9
98	59.0	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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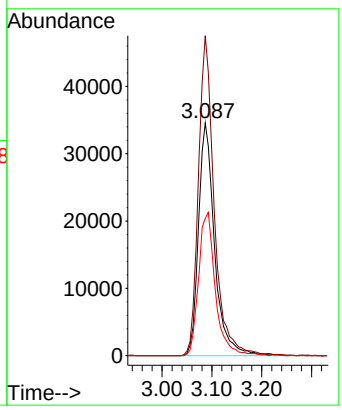
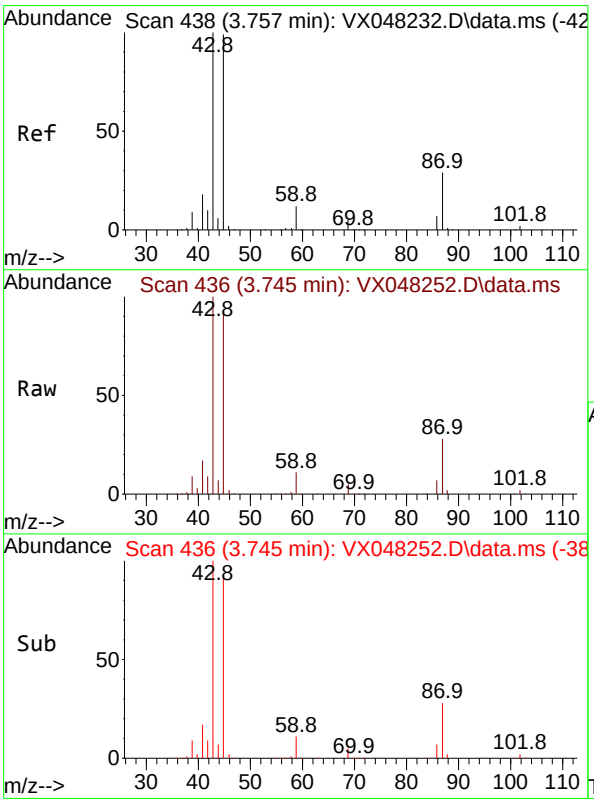
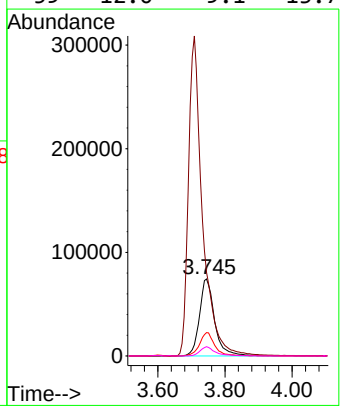


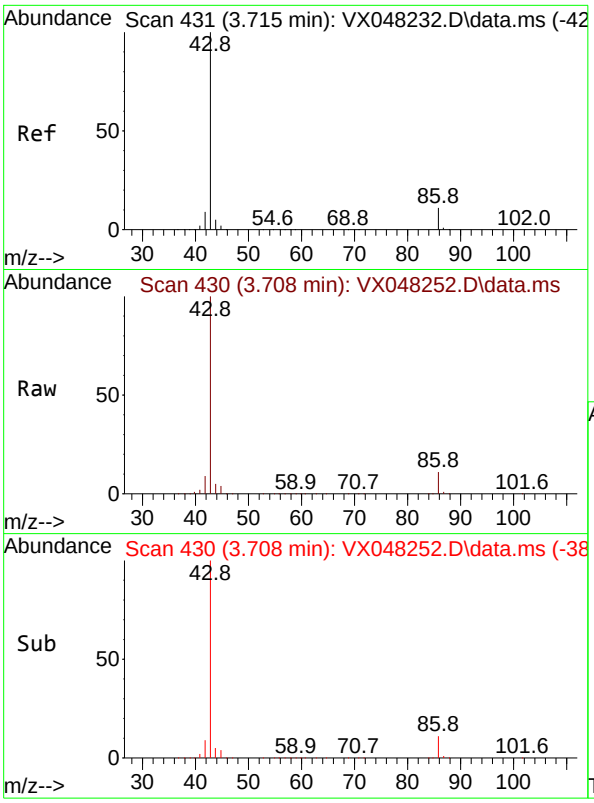


#22
Diisopropyl ether
Concen: 46.439 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 45 Resp: 232684

Ion	Ratio	Lower	Upper
45	100		
43	107.9	89.8	134.8
87	30.2	20.6	31.0
59	12.0	9.1	13.7





#23
Vinyl Acetate
Concen: 226.065 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 90480

Ion	Ratio	Lower	Upper
43	100		
86	10.7	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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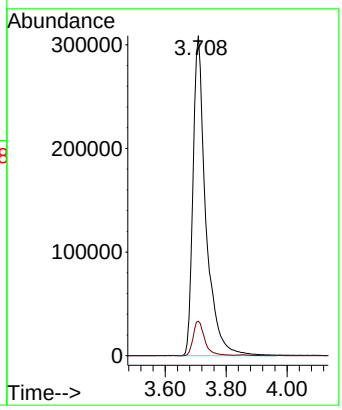
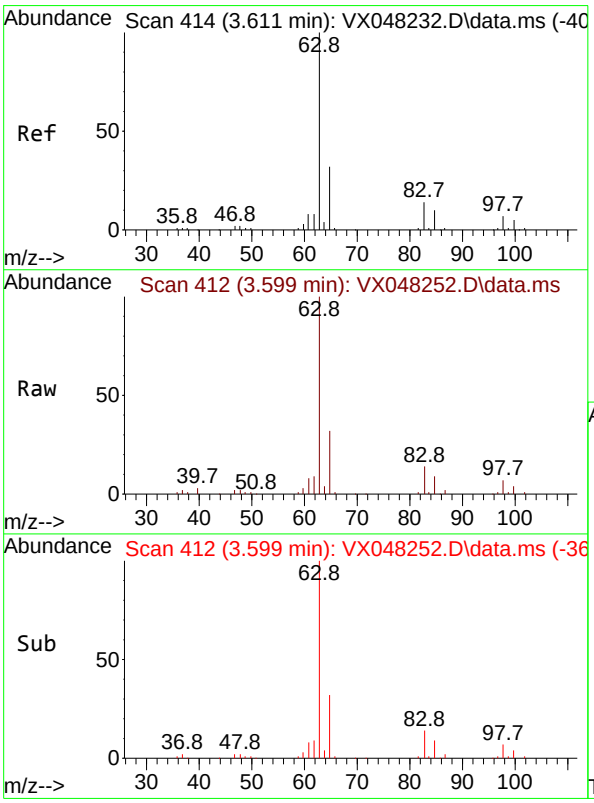
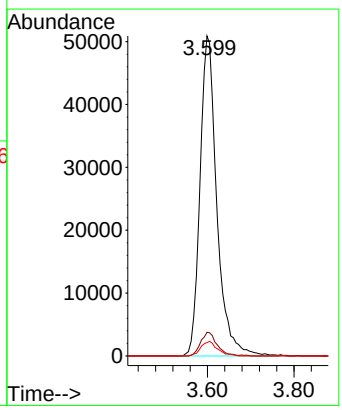


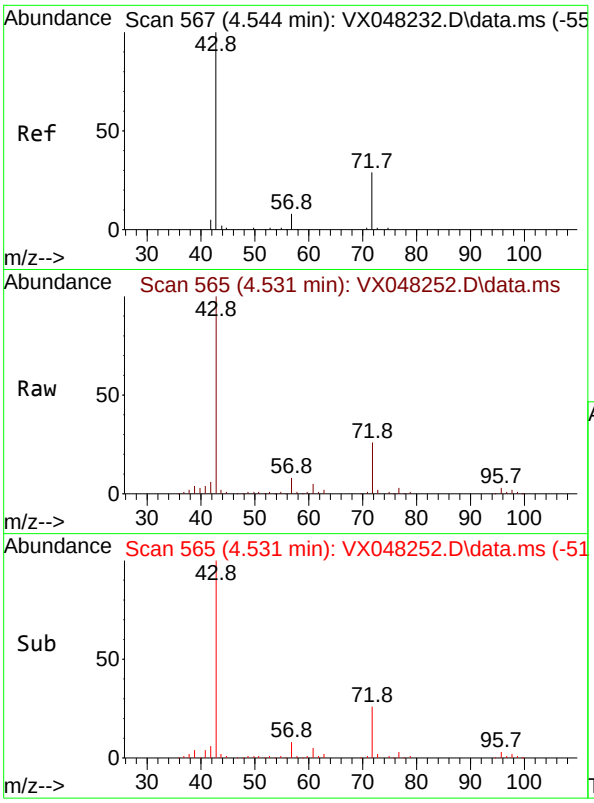


#24
1,1-Dichloroethane
Concen: 45.296 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 63 Resp: 137234

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.5	10.6
100	4.2	2.1	6.3





#25
2-Butanone
Concen: 213.793 ug/l
RT: 4.531 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 18758

Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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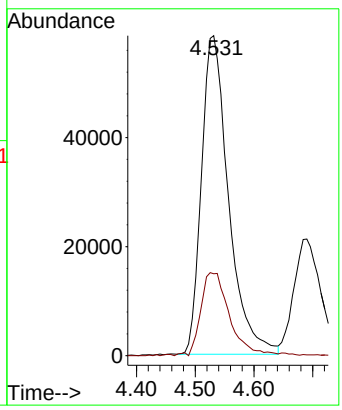
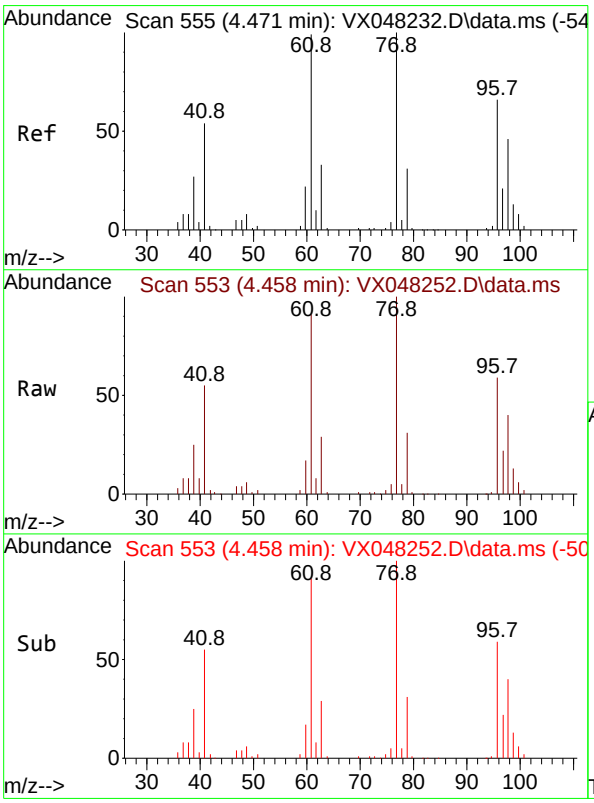
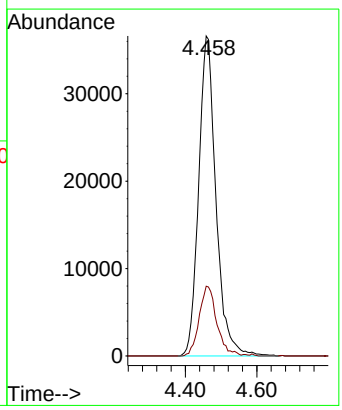


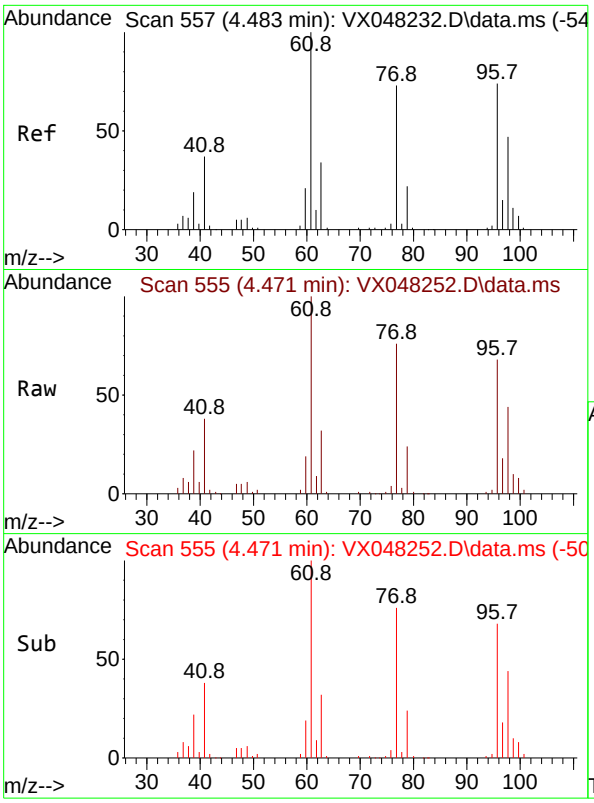


#26
2,2-Dichloropropane
Concen: 44.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 77 Resp: 122921

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.3

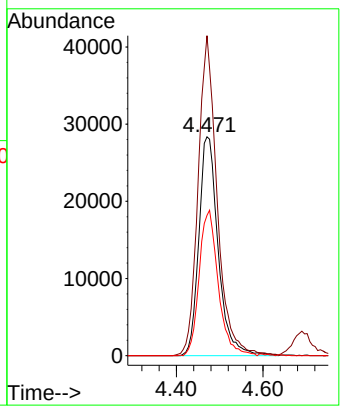




#27
cis-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 96 Resp: 8788

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	294.2
98	65.5	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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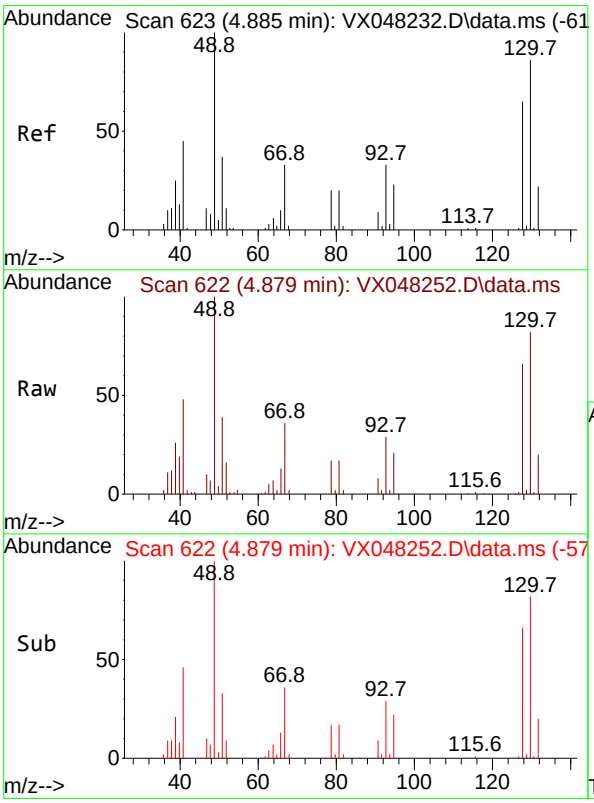
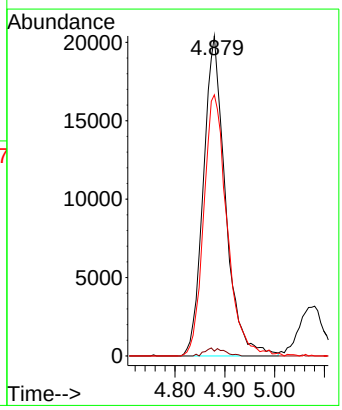
Supervised By :Mahesh Dadoda 10/24/2025

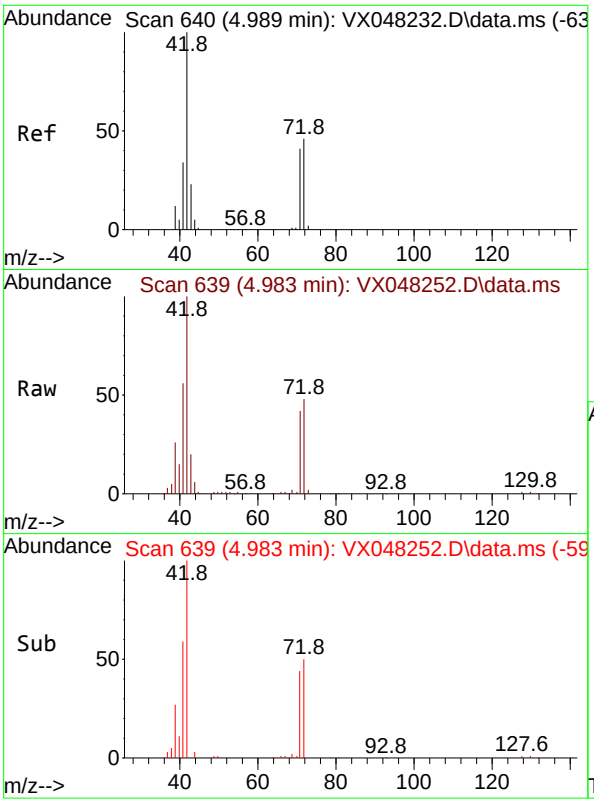


#28
Bromochloromethane
Concen: 49.917 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 49 Resp: 62707

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	86.4	59.3	88.9





#29
Tetrahydrofuran
Concen: 190.379 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 42 Resp: 10004

Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	44.9	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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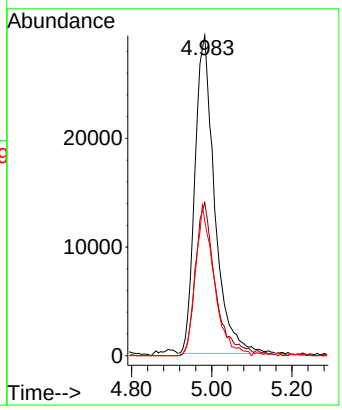
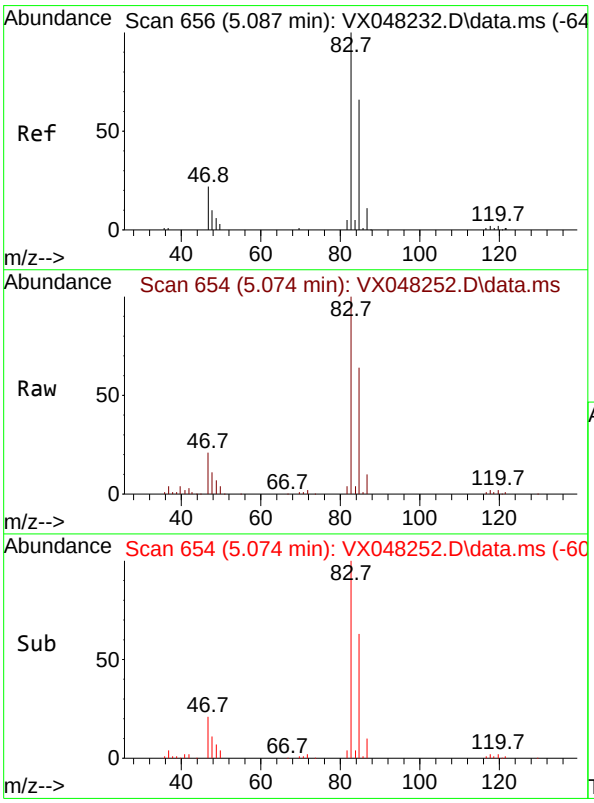
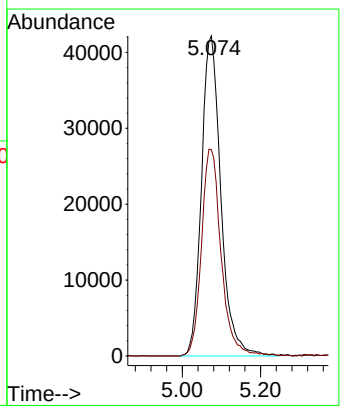


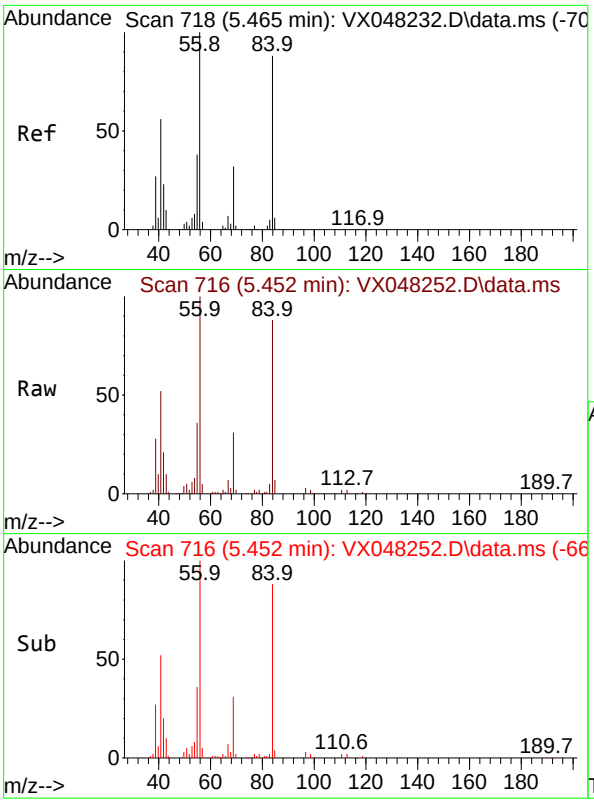


#30
Chloroform
Concen: 44.807 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 145033

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.1	75.1

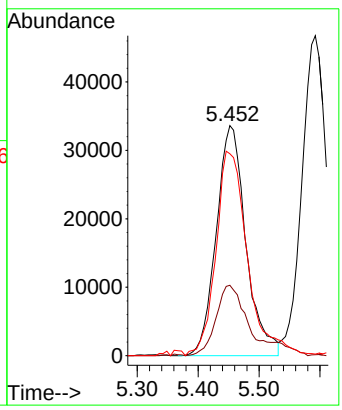




#31
Cyclohexane
Concen: 45.286 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 56 Resp: 11359

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.0	34.6
84	85.6	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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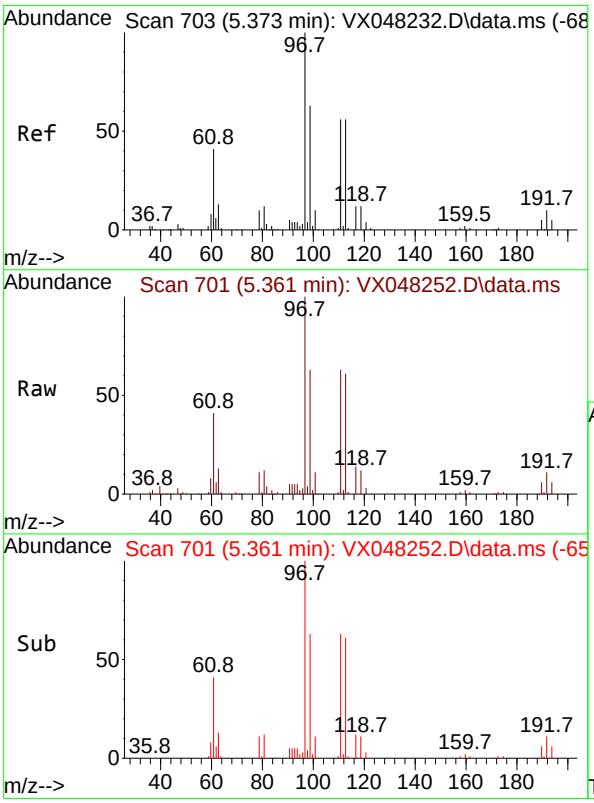
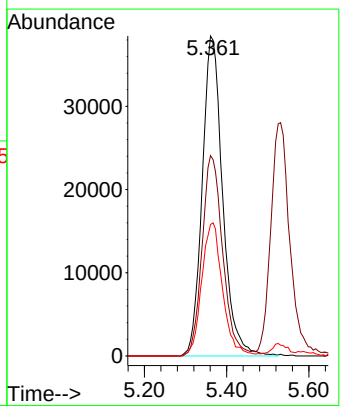
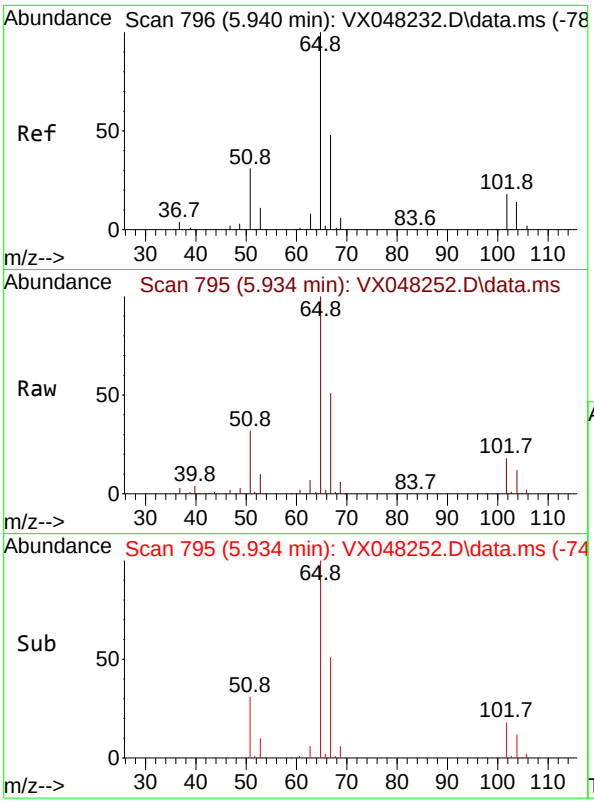


#32
1,1,1-Trichloroethane
Concen: 44.462 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 97 Resp: 132637

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	42.3	34.8	52.2





#33
1,2-Dichloroethane-d4
Concen: 46.938 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 65 Resp: 9484

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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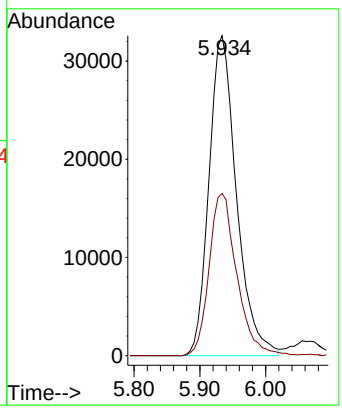
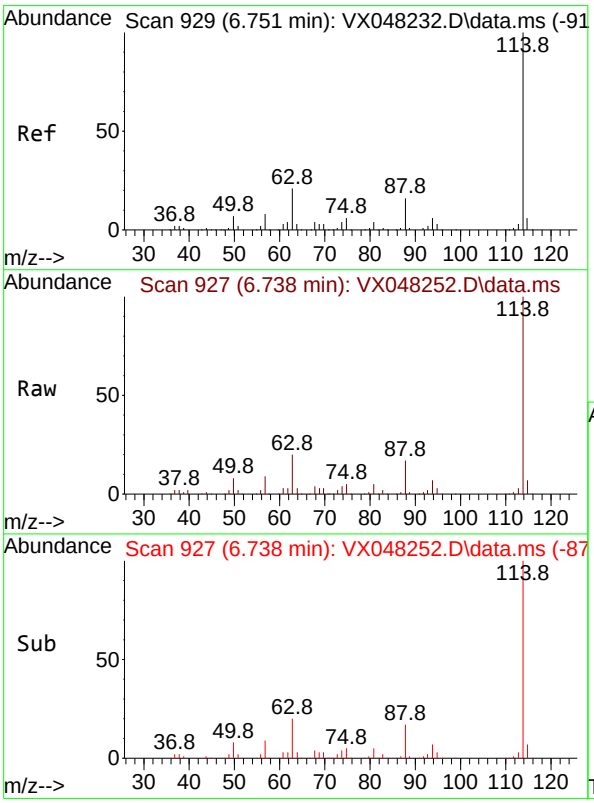
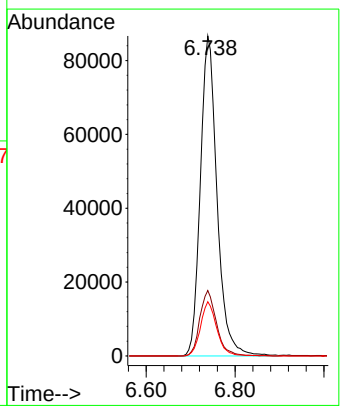


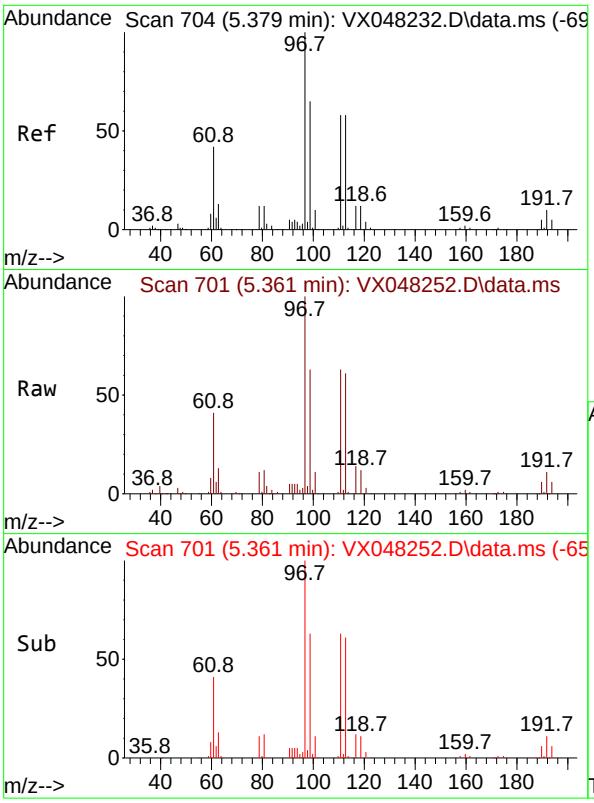


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:114 Resp: 227103

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.2
88	16.9	0.0	33.6

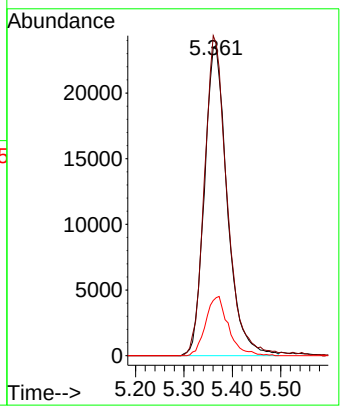




#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:113 Resp: 7727

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	19.1	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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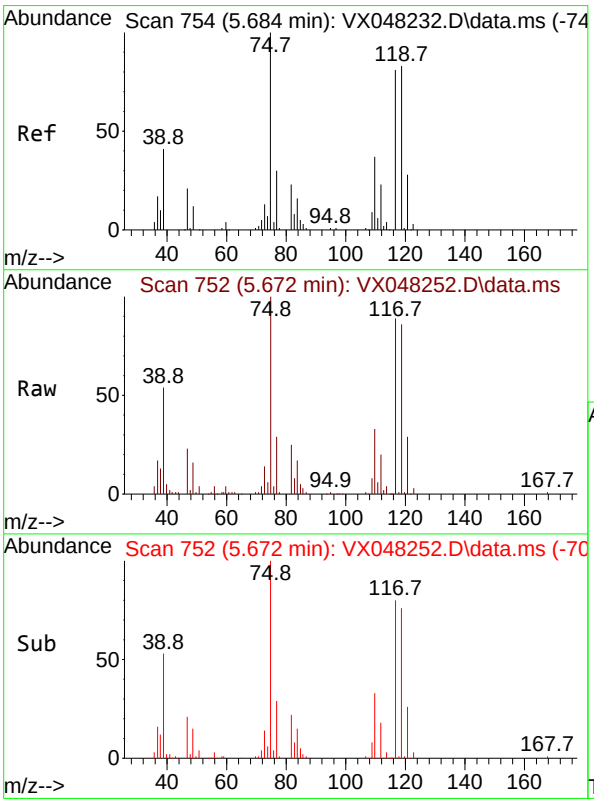
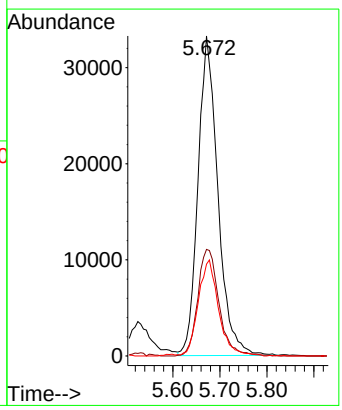
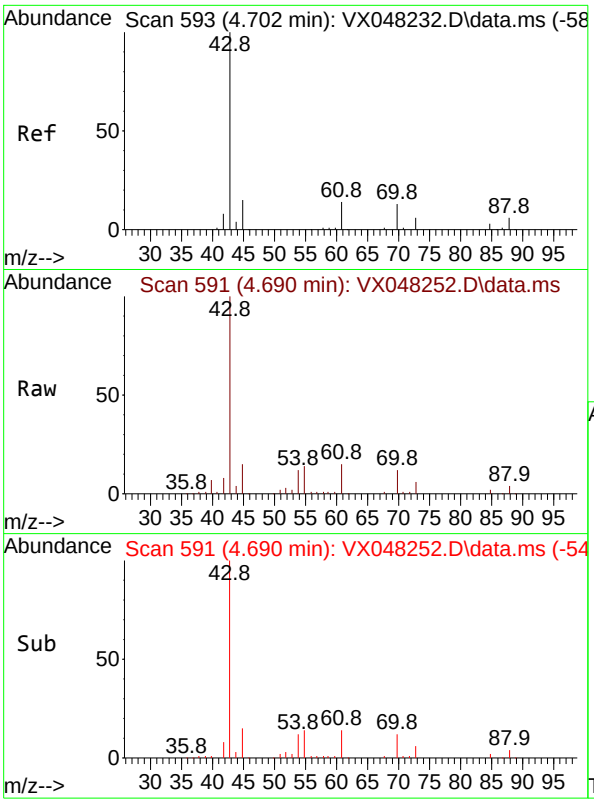


#36
1,1-Dichloropropene
Concen: 44.412 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 97868

Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.7	53.1
77	30.8	24.3	36.5





#37
Ethyl Acetate
Concen: 40.418 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 7382

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.1	7.8	11.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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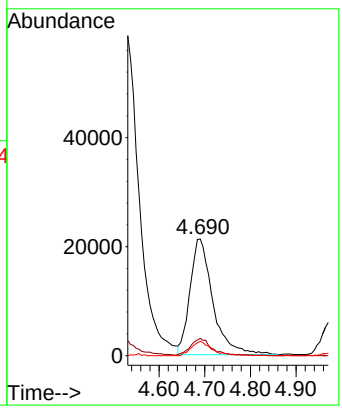
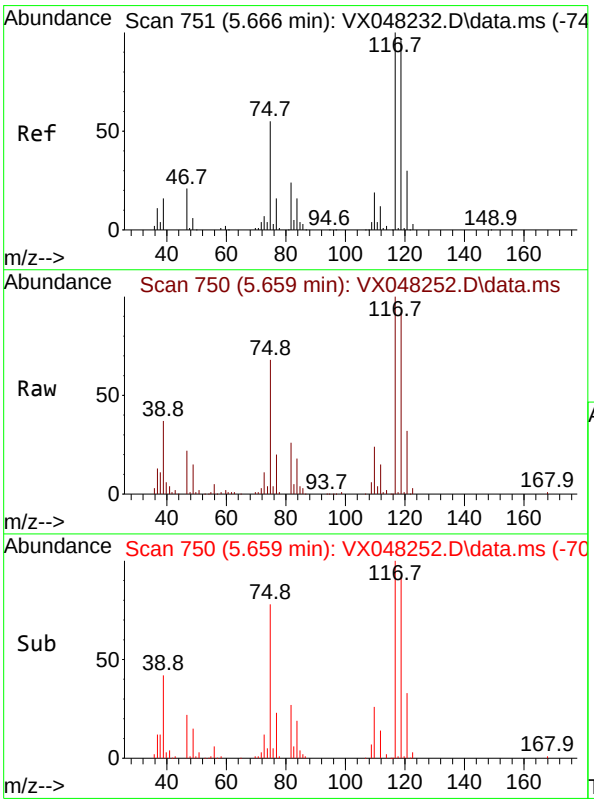
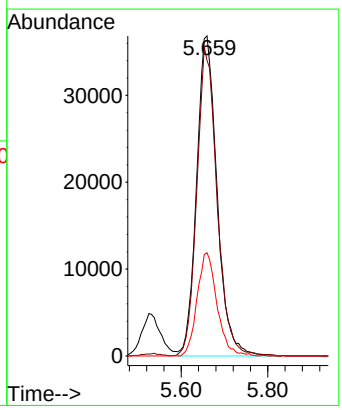


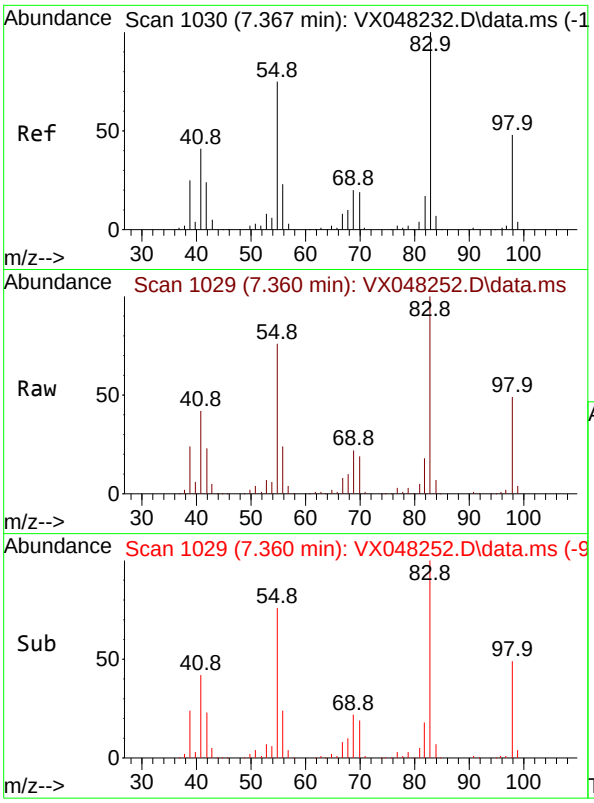


#38
Carbon Tetrachloride
Concen: 44.491 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:117 Resp: 120960

Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.2	115.8
121	32.2	24.8	37.2

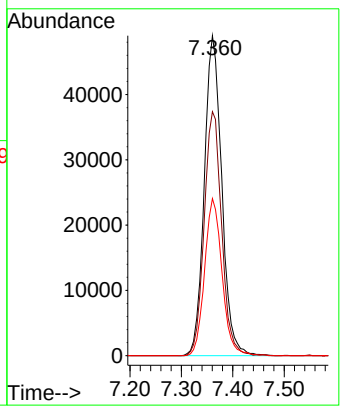




#39
Methylcyclohexane
Concen: 44.497 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 11580

Ion	Ratio	Lower	Upper
83	100		
55	76.3	66.2	99.2
98	49.1	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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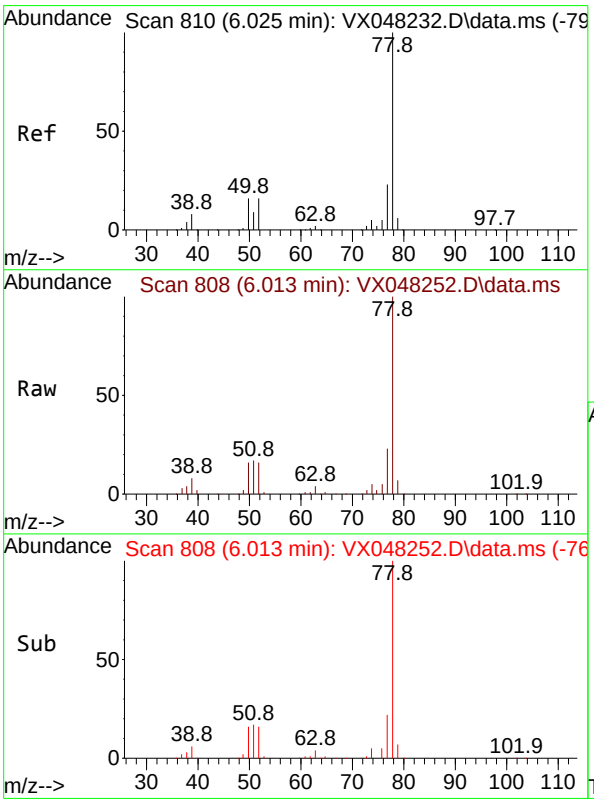
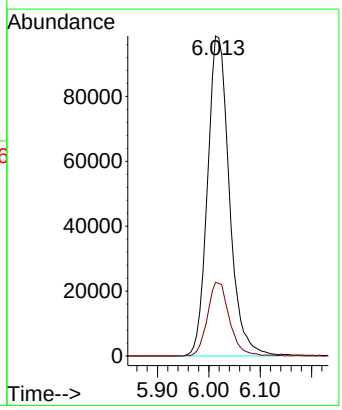
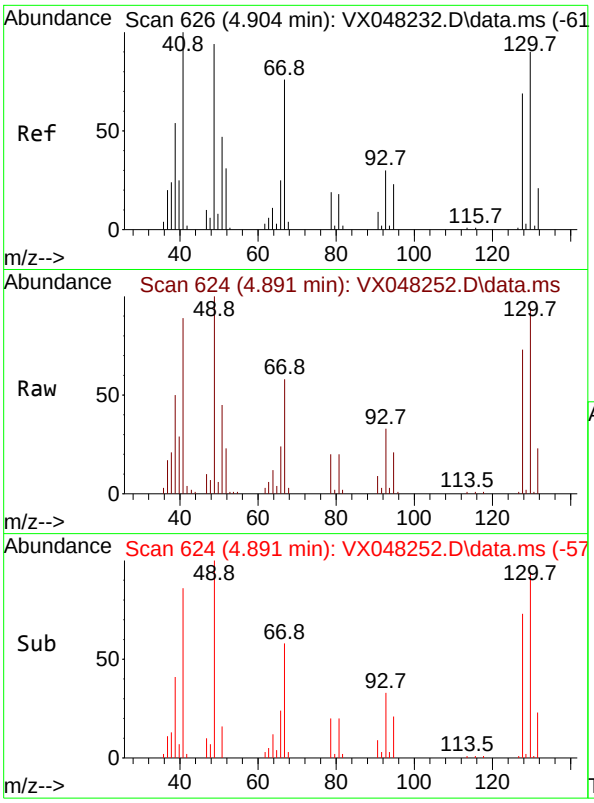


#40
Benzene
Concen: 45.424 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 78 Resp: 290616

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9

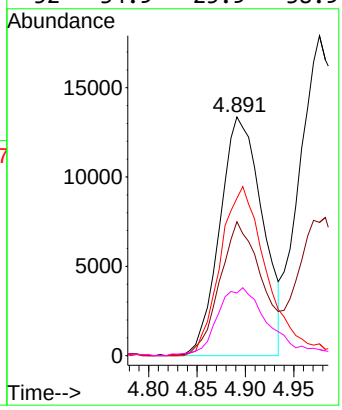




#41
Methacrylonitrile
Concen: 42.707 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 41 Resp: 4096

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	78.2	58.7	88.1
52	34.9	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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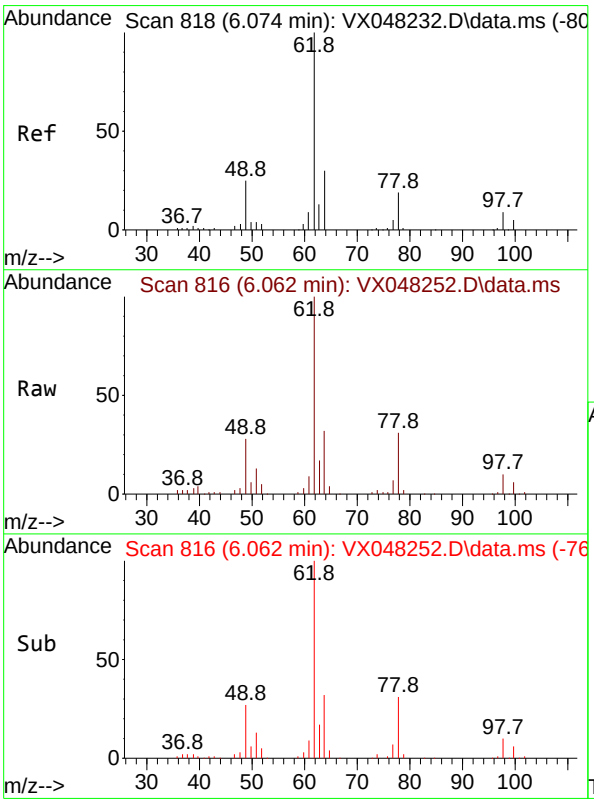
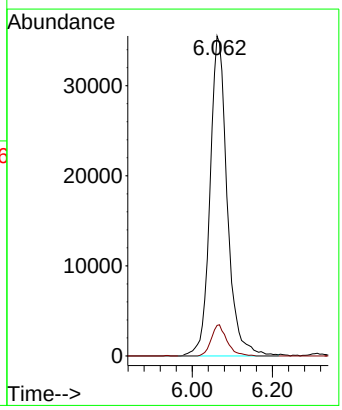
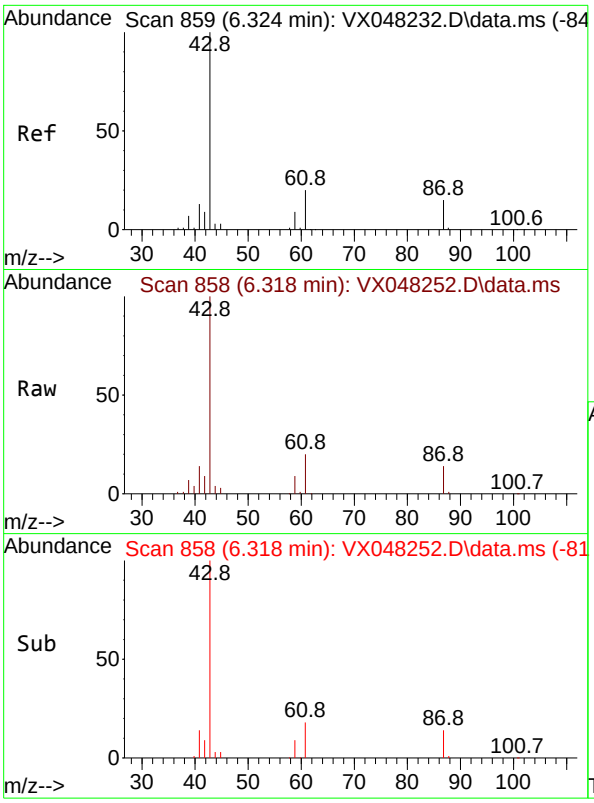


#42
1,2-Dichloroethane
Concen: 44.791 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 62 Resp: 105747

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43
Isopropyl Acetate
Concen: 40.859 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 12258

Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.9	22.3
87	14.0	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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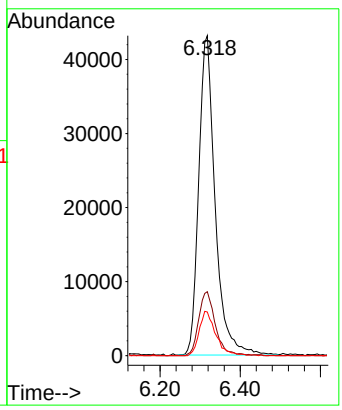
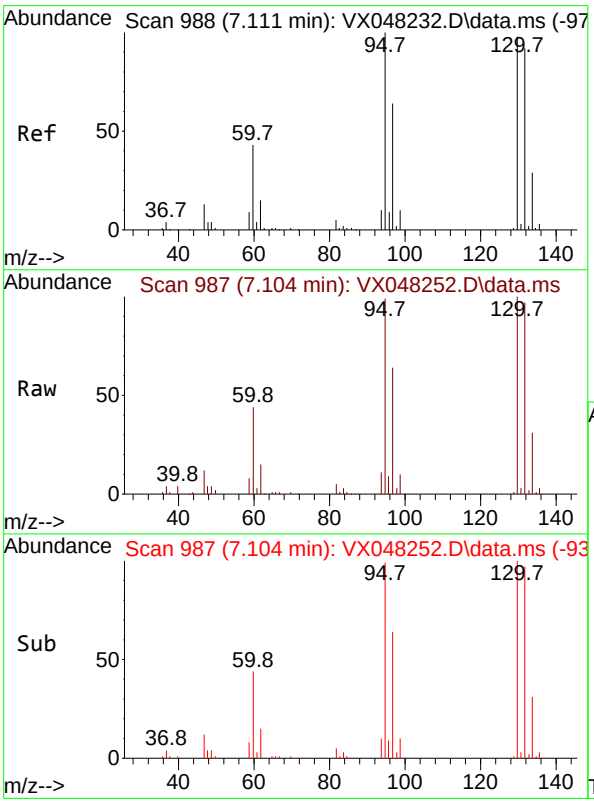
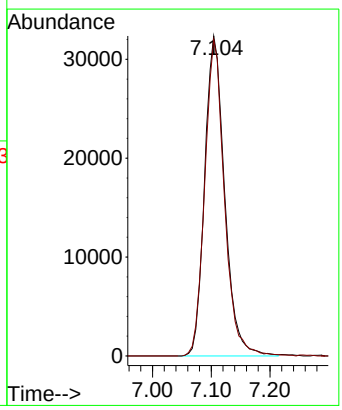


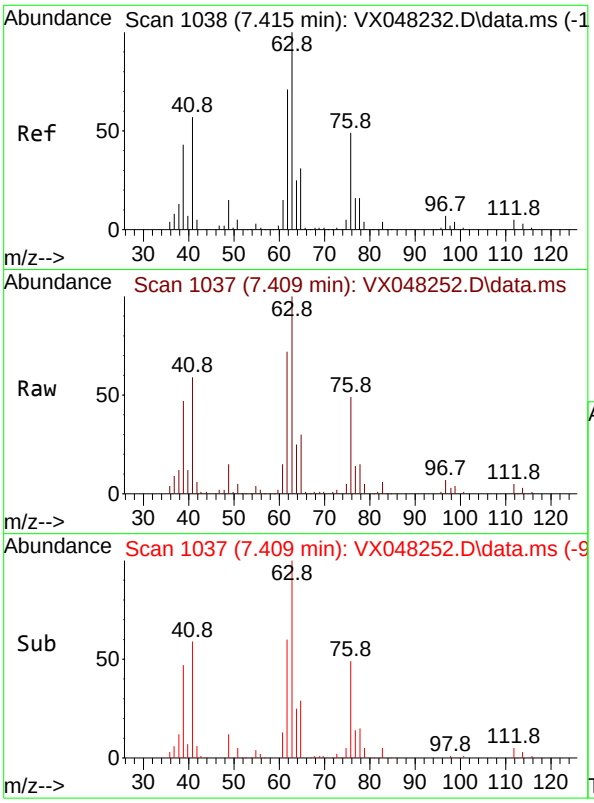


#44
Trichloroethene
Concen: 45.286 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:130 Resp: 76506

Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	200.6





#45
1,2-Dichloropropane
Concen: 45.586 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 63 Resp: 6934

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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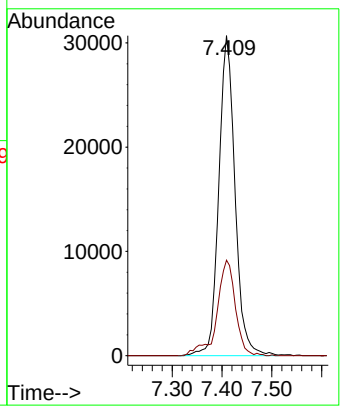
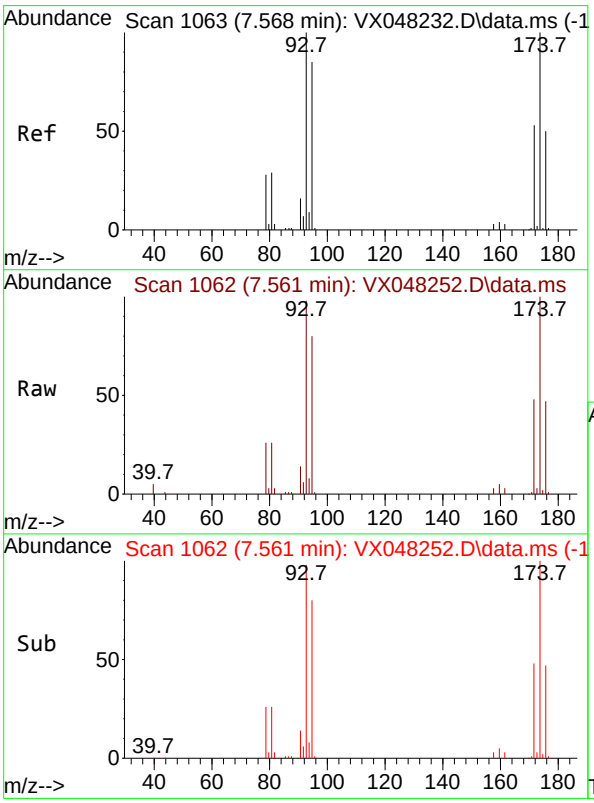
Supervised By :Mahesh Dadoda 10/24/2025

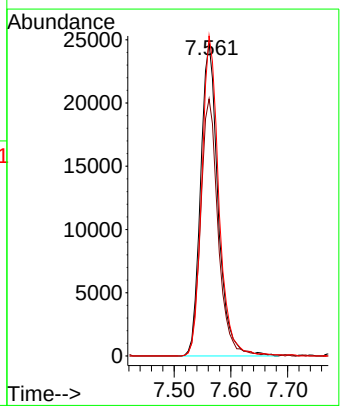


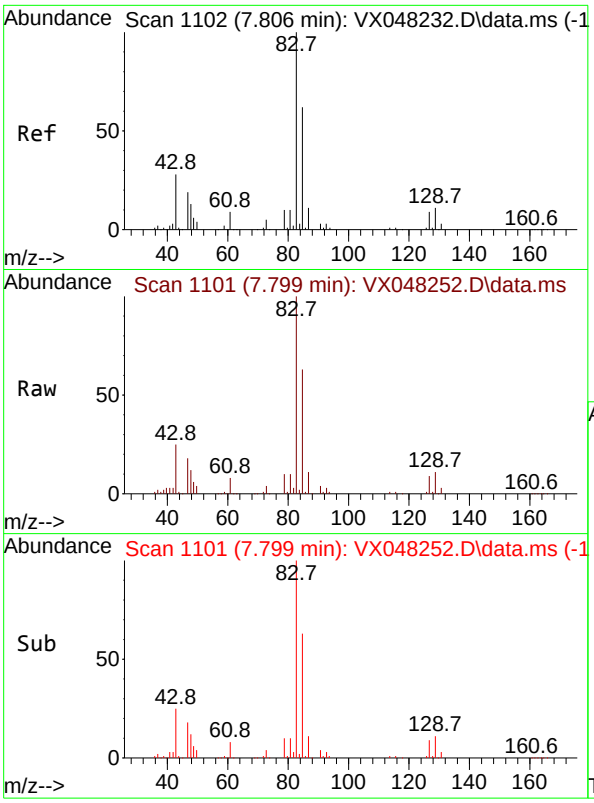


#46
Dibromomethane
Concen: 44.649 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 93 Resp: 52913

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.9	98.9
174	100.1	71.7	107.5

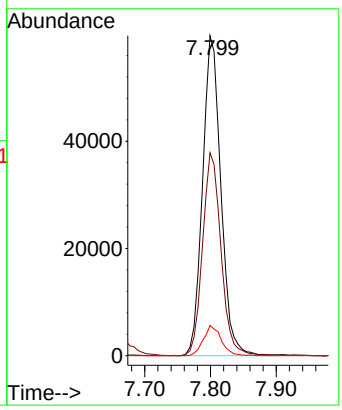




#47
Bromodichloromethane
Concen: 45.265 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 11582

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	9.4	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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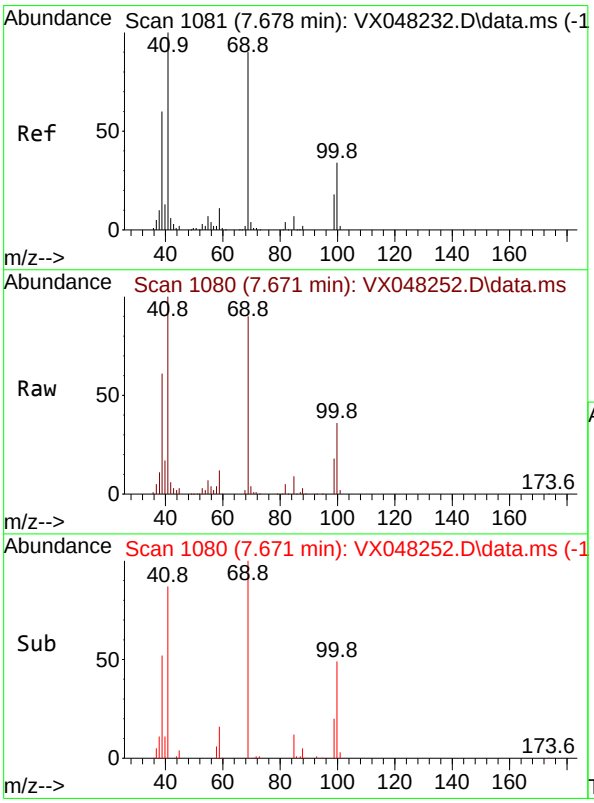
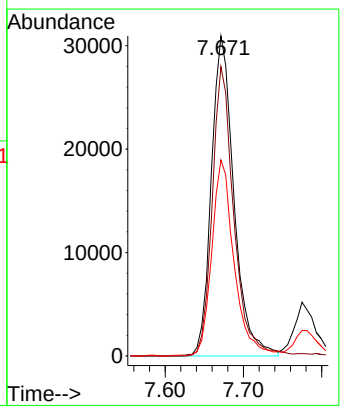
Supervised By :Mahesh Dadoda 10/24/2025

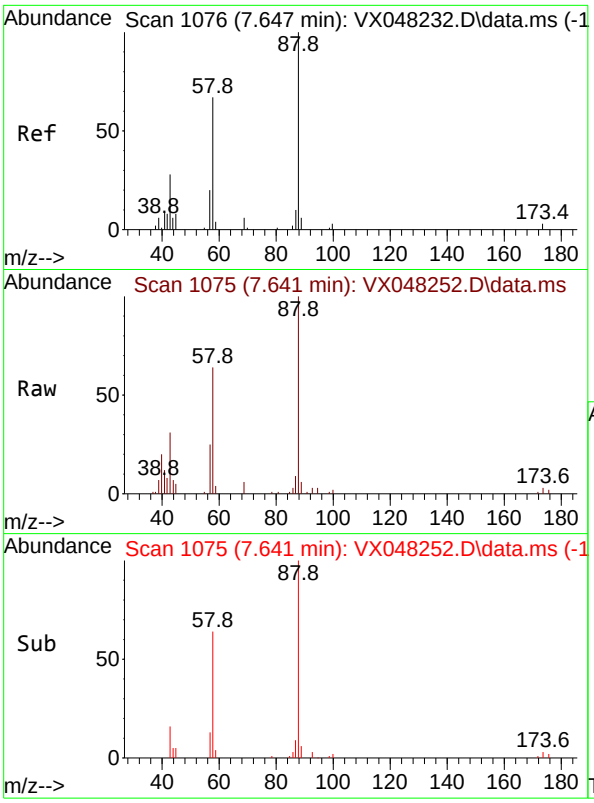


#48
Methyl methacrylate
Concen: 41.000 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 41 Resp: 62073

Ion	Ratio	Lower	Upper
41	100		
69	86.3	63.4	95.0
39	60.7	47.1	70.7





#49
1,4-Dioxane
Concen: 782.834 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 88 Resp: 1565

Ion	Ratio	Lower	Upper
88	100		
43	39.9	35.0	52.4
58	69.5	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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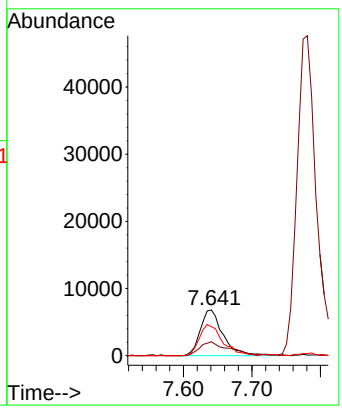
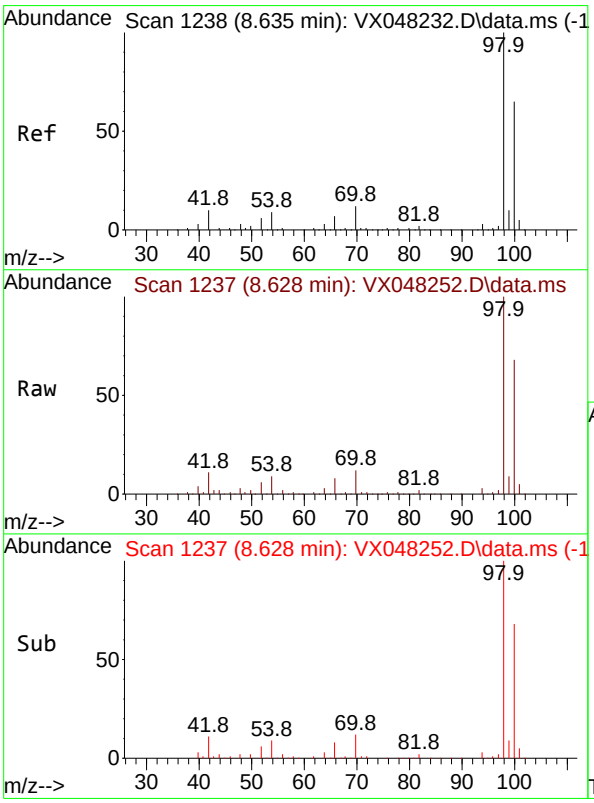
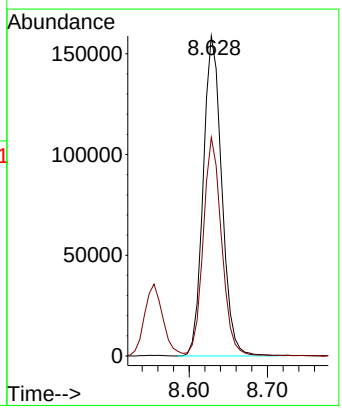


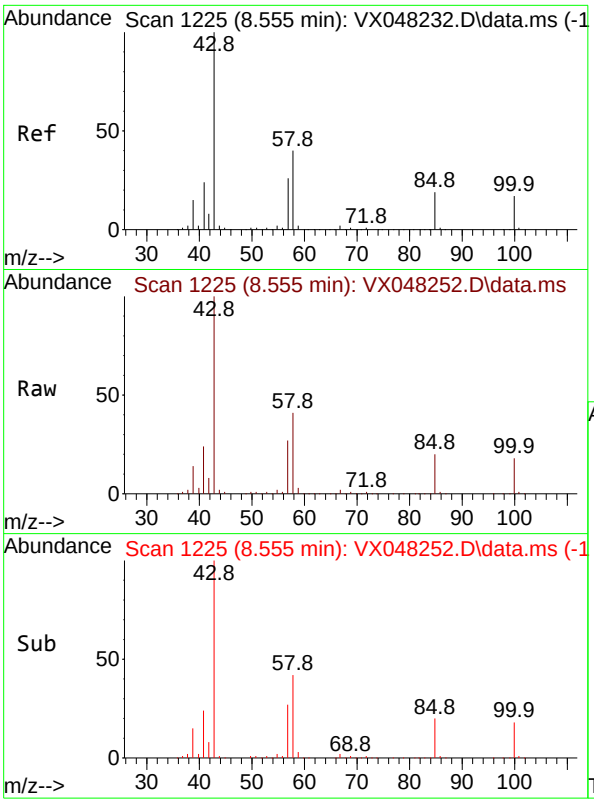


#50
Toluene-d8
Concen: 48.070 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 98 Resp: 261228

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 198.518 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 34341

Ion	Ratio	Lower	Upper
43	100		
58	39.7	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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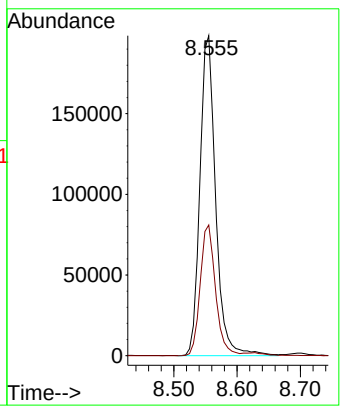
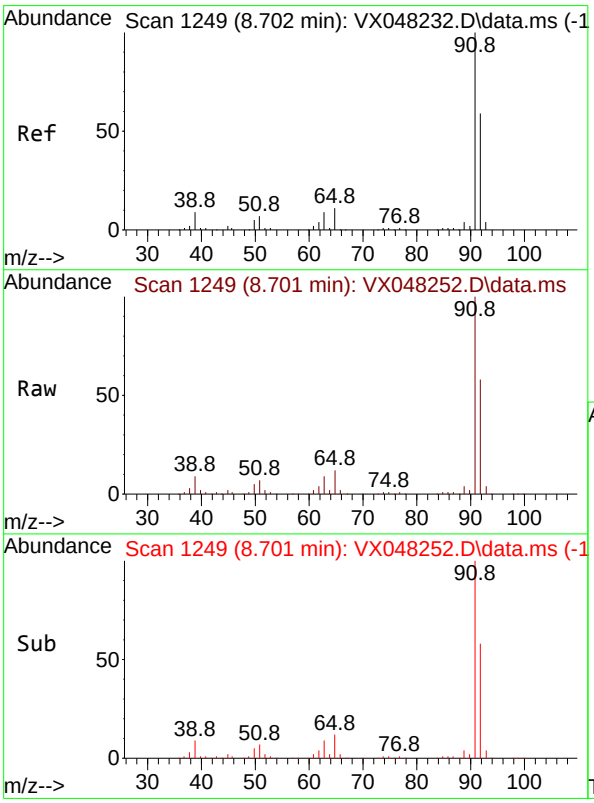
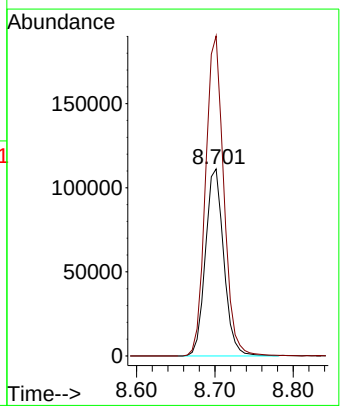


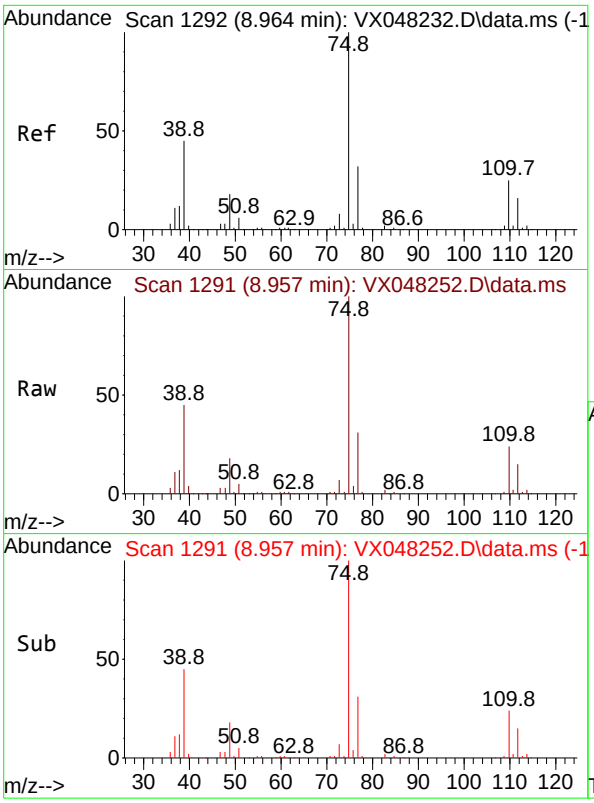


#52
Toluene
Concen: 44.443 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 92 Resp: 180638

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.1	204.1

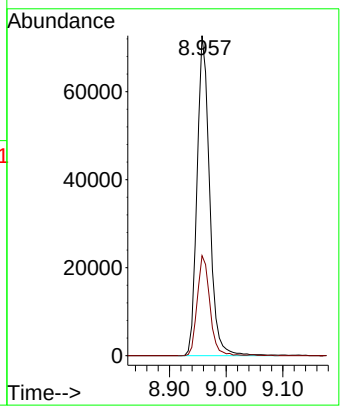




#53
t-1,3-Dichloropropene
Concen: 45.367 ug/l
RT: 8.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 11186

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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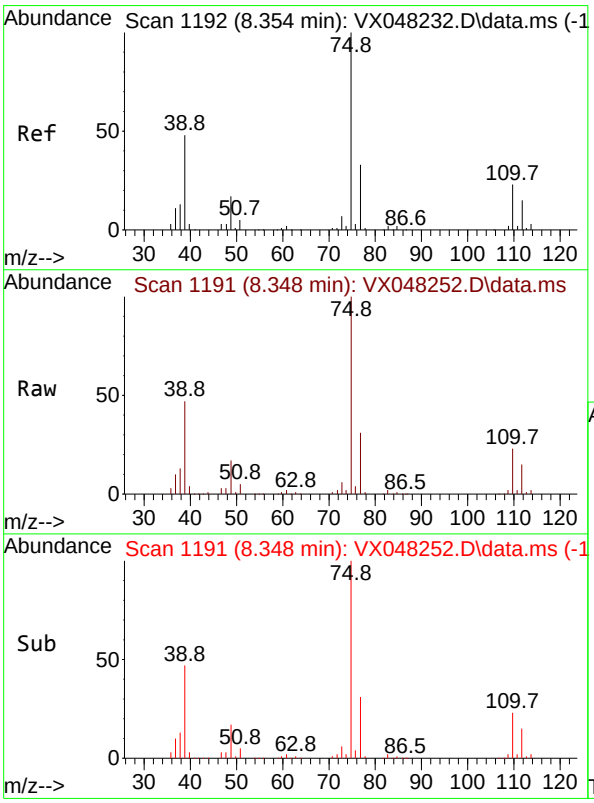
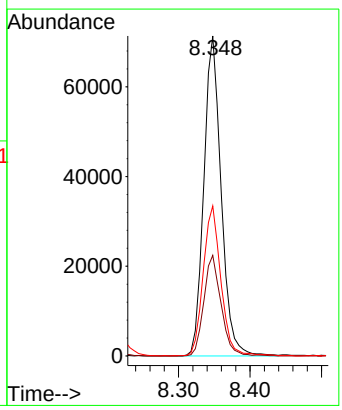
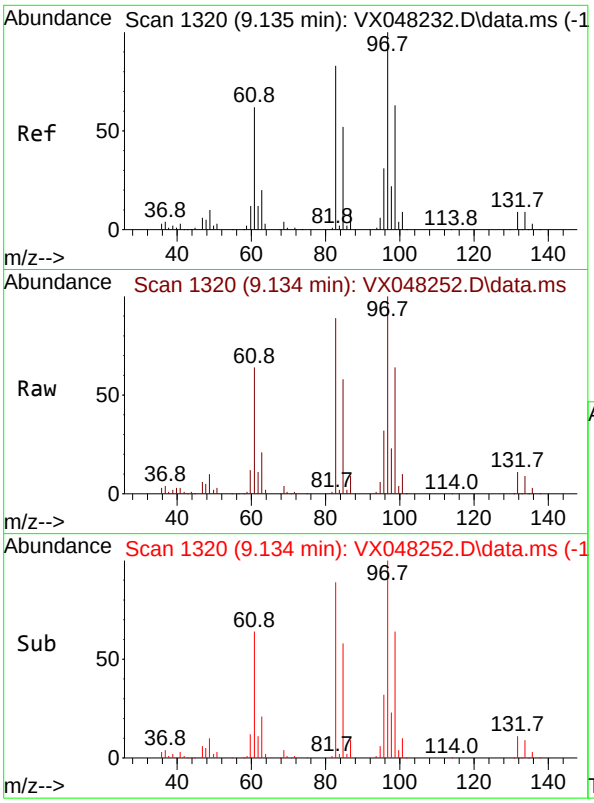


#54
cis-1,3-Dichloropropene
Concen: 45.199 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 120247

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3
39	46.8	42.6	64.0

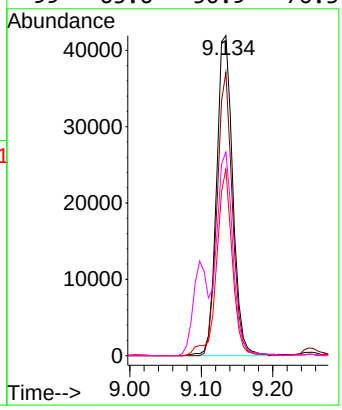




#55
1,1,2-Trichloroethane
Concen: 43.758 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 97 Resp: 6614

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	105.8
85	58.3	45.0	67.6
99	63.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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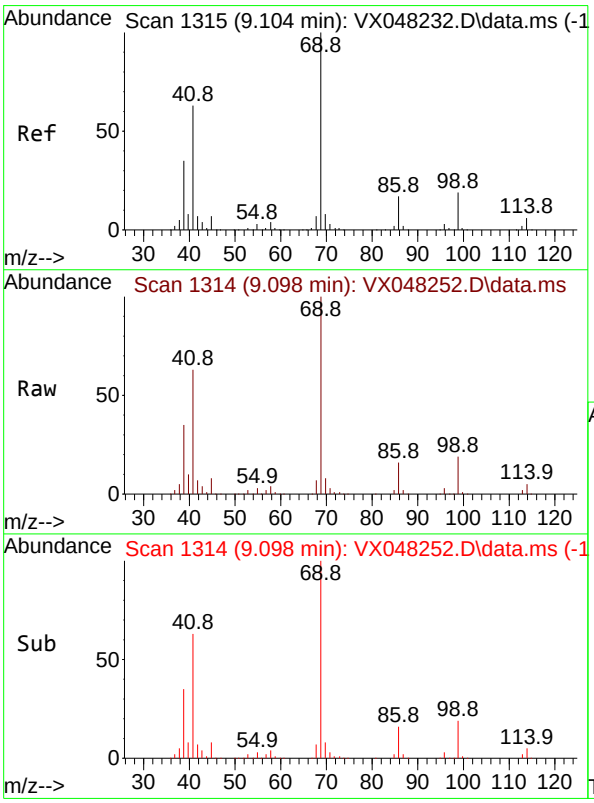
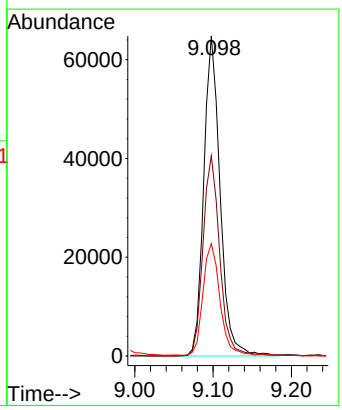
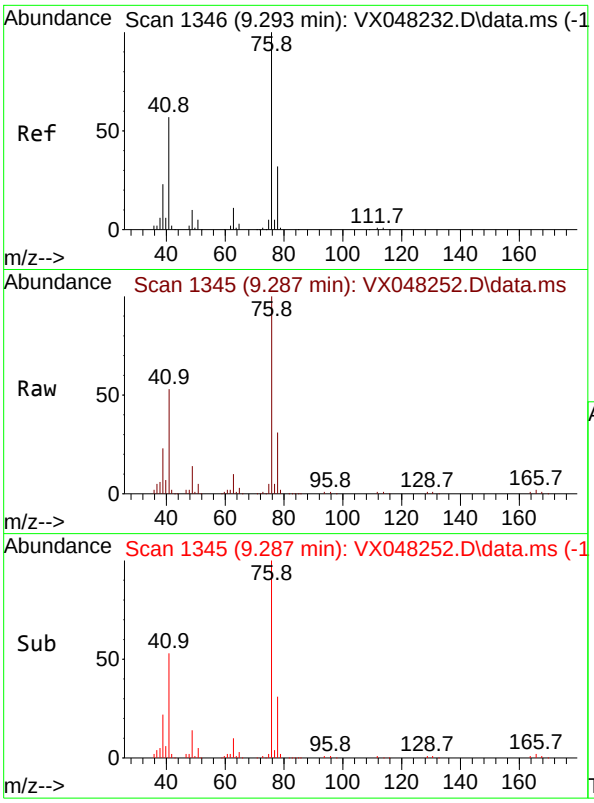


#56
Ethyl methacrylate
Concen: 42.533 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 69 Resp: 94033

Ion	Ratio	Lower	Upper
69	100		
41	64.2	56.0	84.0
39	37.2	31.6	47.4





#57
1,3-Dichloropropane
Concen: 43.726 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 76 Resp: 11289

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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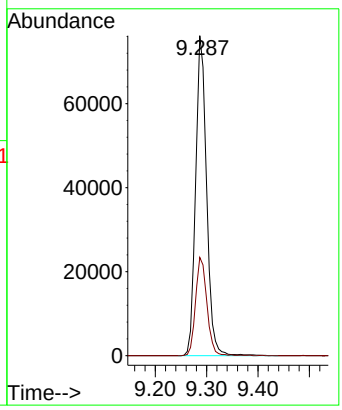
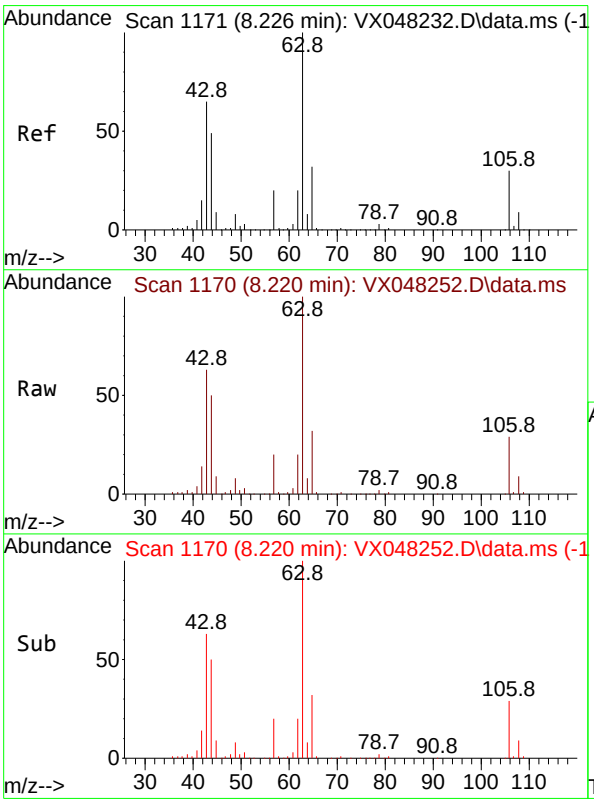
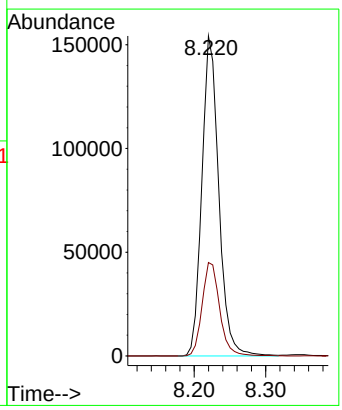


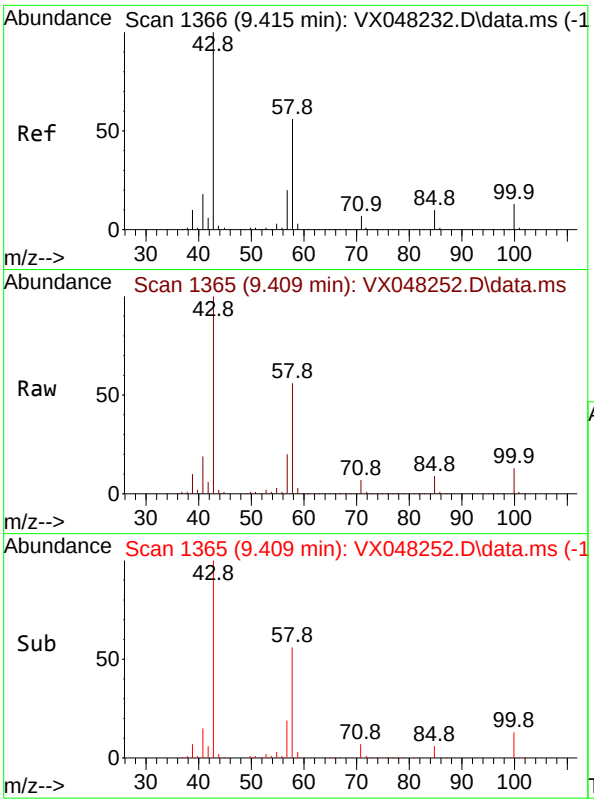


#58
2-Chloroethyl Vinyl ether
Concen: 213.469 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 63 Resp: 253467

Ion	Ratio	Lower	Upper
63	100		
106	30.3	22.2	33.2





#59
2-Hexanone
Concen: 213.881 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 25798

Ion	Ratio	Lower	Upper
43	100		
58	55.8	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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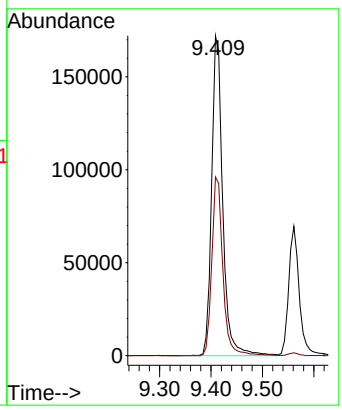
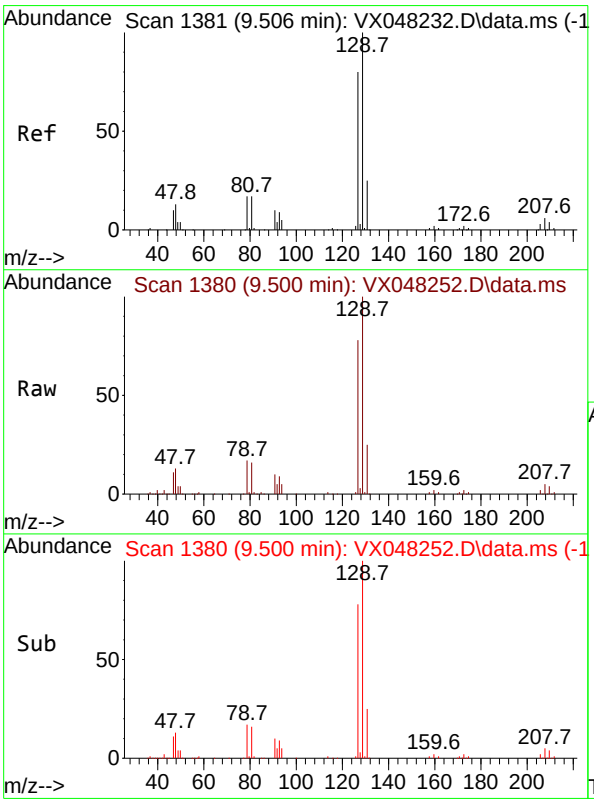
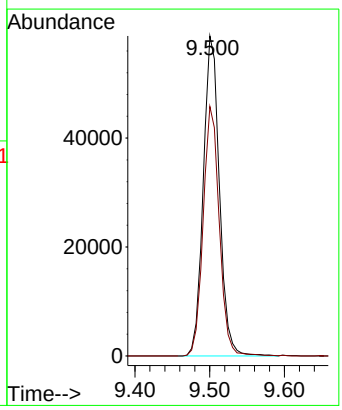


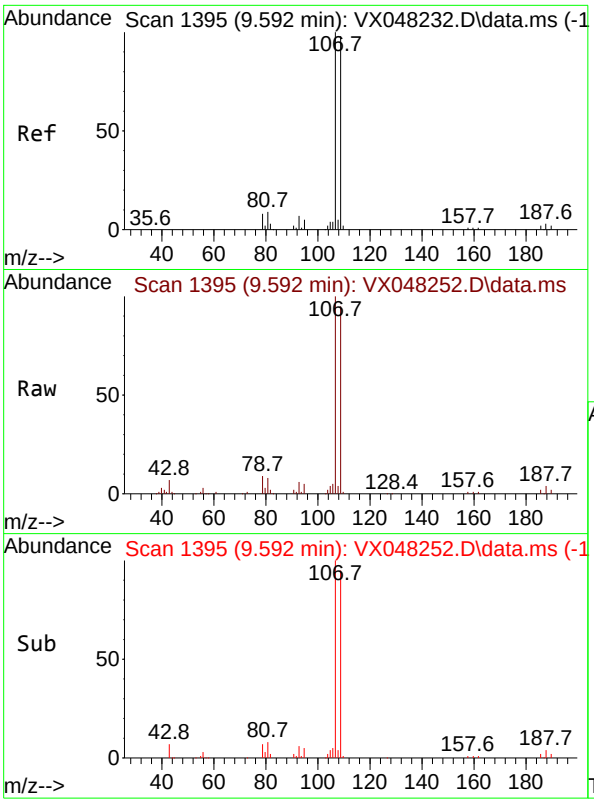


#60
Dibromochloromethane
Concen: 43.319 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:129 Resp: 88005

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.7





#61
1,2-Dibromoethane
Concen: 43.228 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:107 Resp: 6965

Ion	Ratio	Lower	Upper
107	100		
109	94.0	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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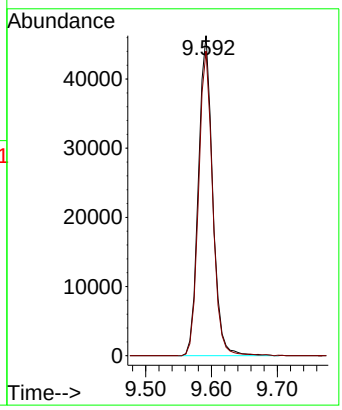
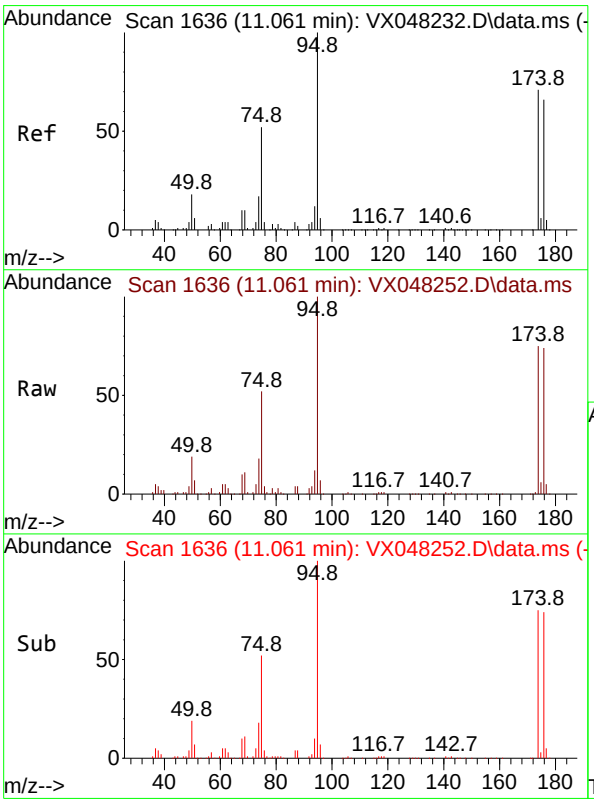
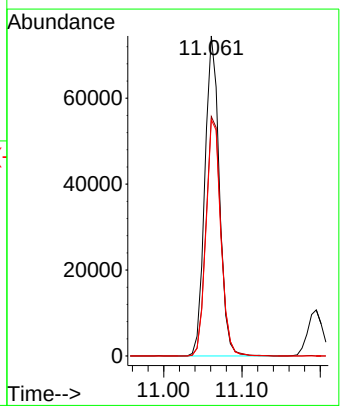


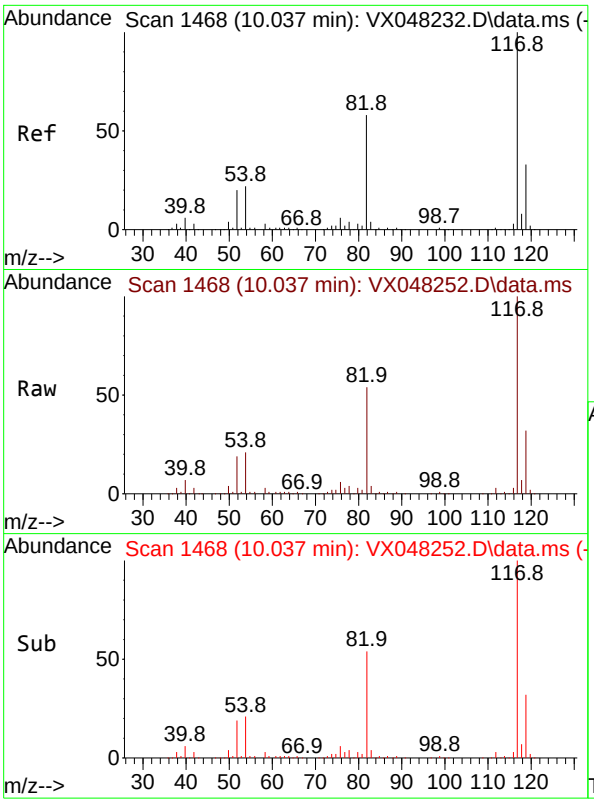


#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 95 Resp: 95248

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	147.8
176	75.3	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:117 Resp: 19701

Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.5	69.7
119	32.0	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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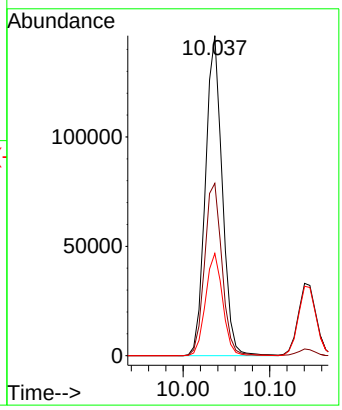
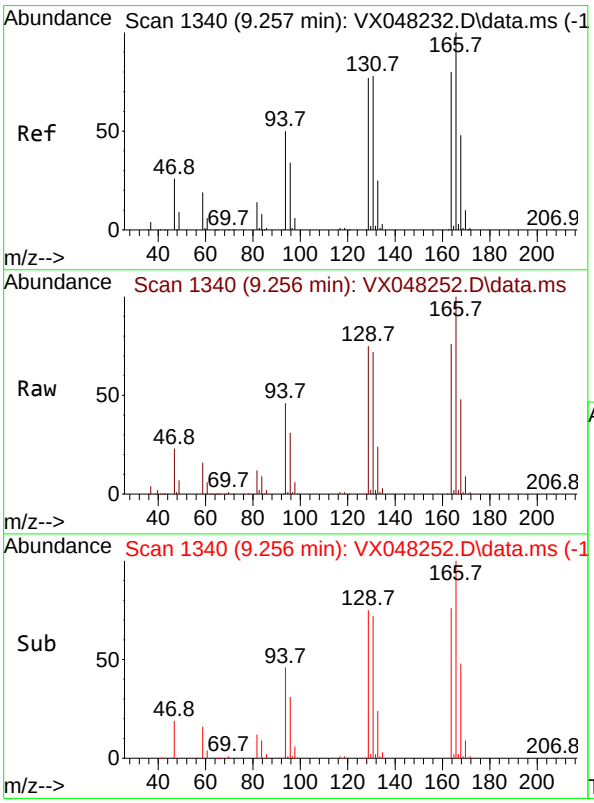
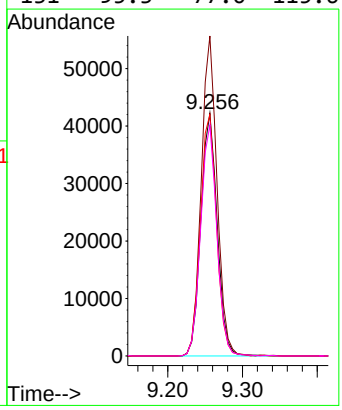


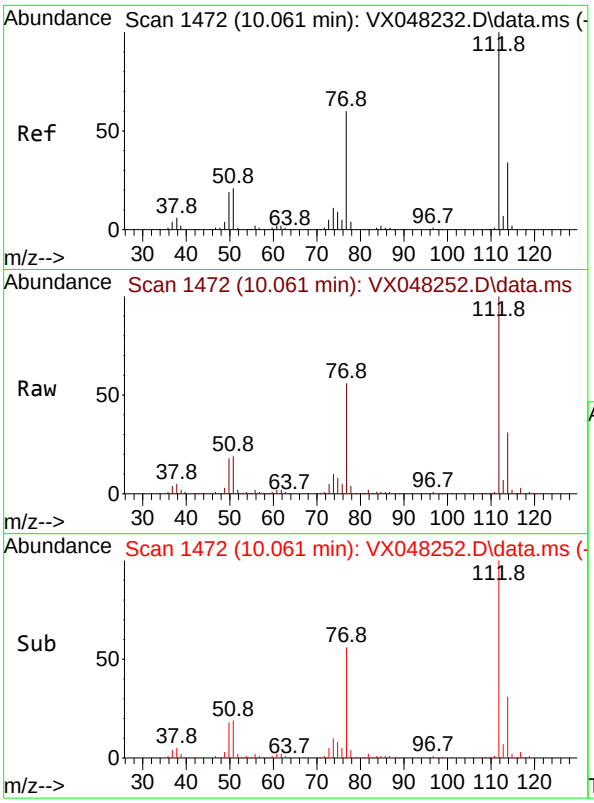


#64
Tetrachloroethene
Concen: 43.569 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:164 Resp: 64080

Ion	Ratio	Lower	Upper
164	100		
166	131.9	104.5	156.7
129	99.5	81.8	122.6
131	95.3	77.0	115.6





#65
Chlorobenzene
Concen: 45.568 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:112 Resp: 20195

Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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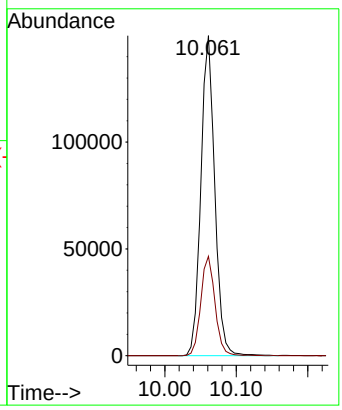
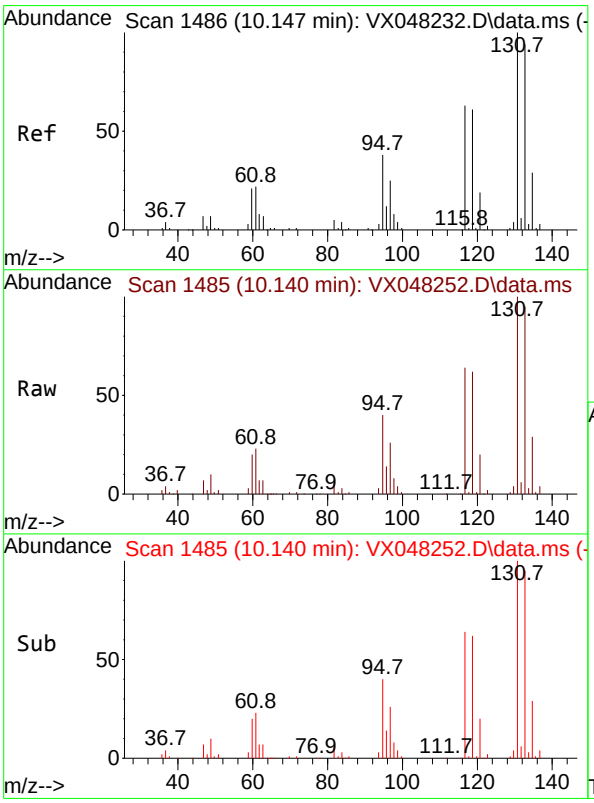
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

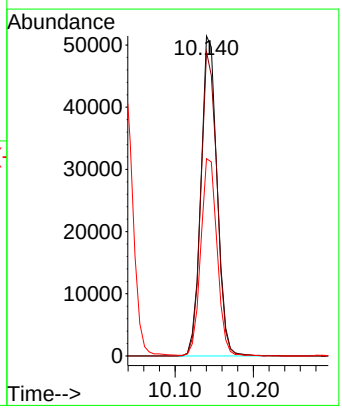


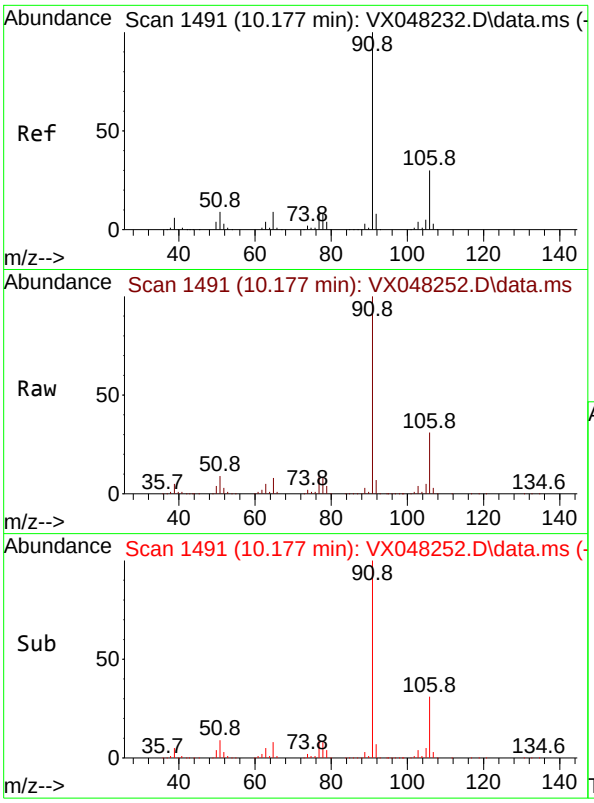


#66
1,1,1,2-Tetrachloroethane
Concen: 45.215 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:131 Resp: 73602

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.6	142.8
119	62.4	32.5	97.5





#67
Ethyl Benzene
Concen: 45.371 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 34235

Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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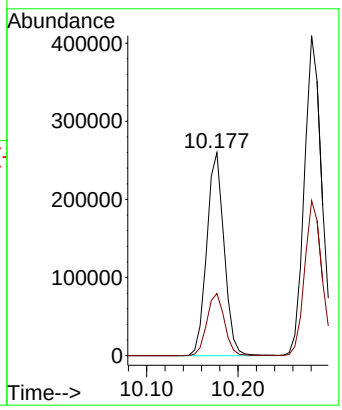
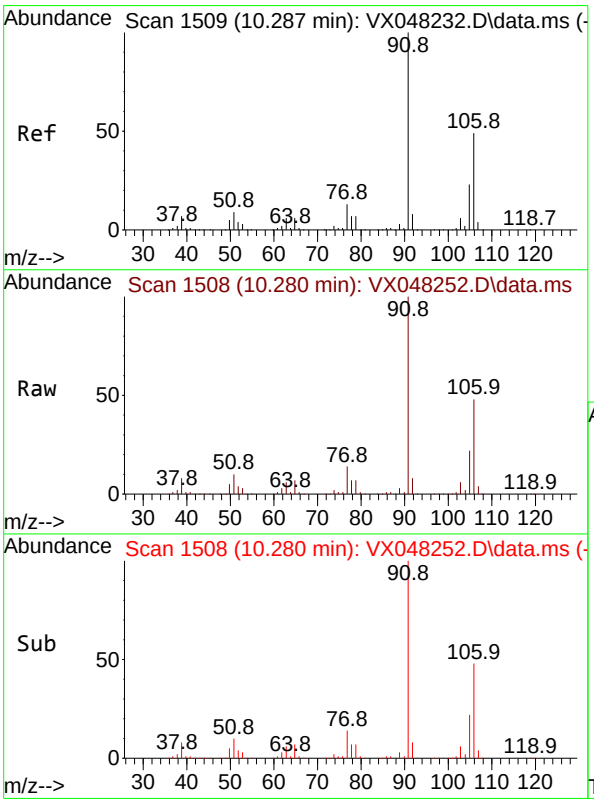
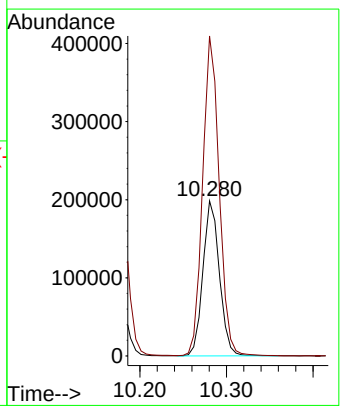


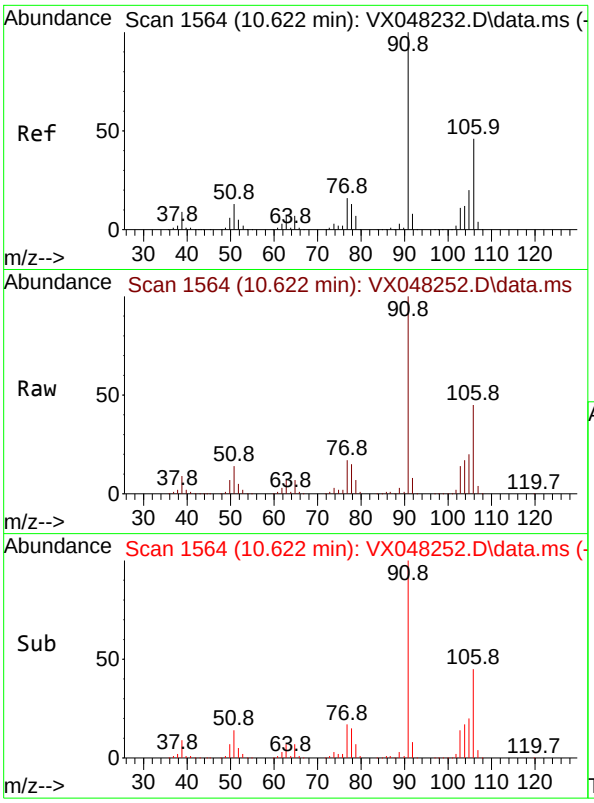


#68
m/p-Xylenes
Concen: 93.624 ug/l
RT: 10.280 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:106 Resp: 262482

Ion	Ratio	Lower	Upper
106	100		
91	206.8	167.9	251.9





#69
o-Xylene
Concen: 45.486 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:106 Resp: 12311

Ion	Ratio	Lower	Upper
106	100		
91	219.9	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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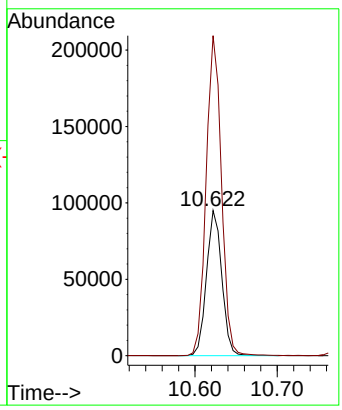
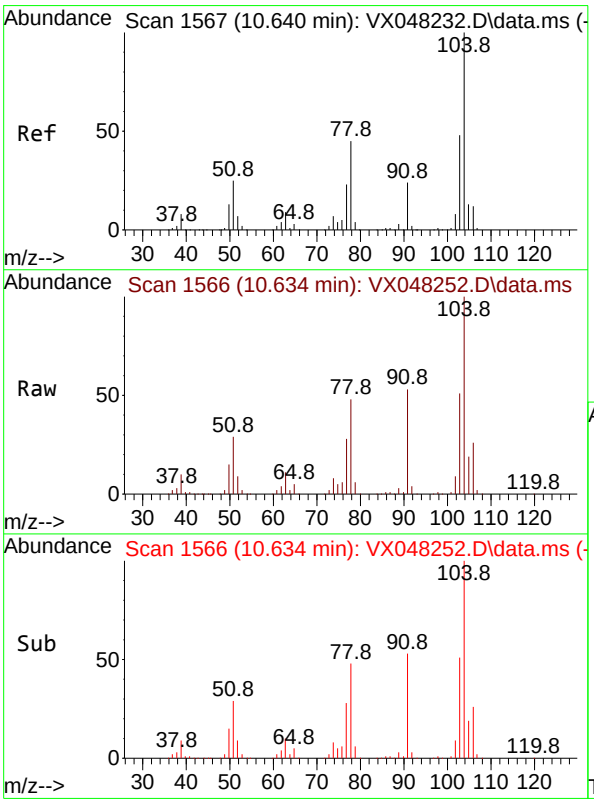
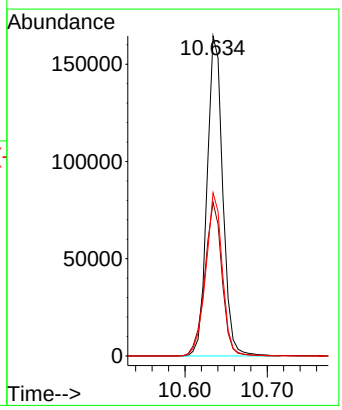


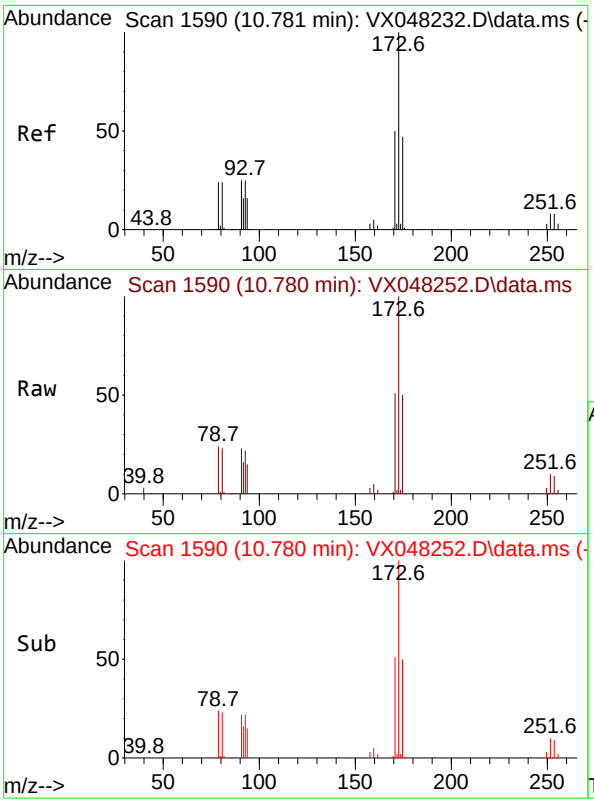


#70
Styrene
Concen: 47.309 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:104 Resp: 218038

Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.2	63.4
103	53.9	43.0	64.4

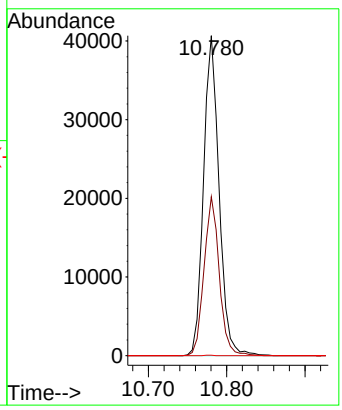




#71
Bromoform
Concen: 42.915 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:173 Resp: 5583

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.1	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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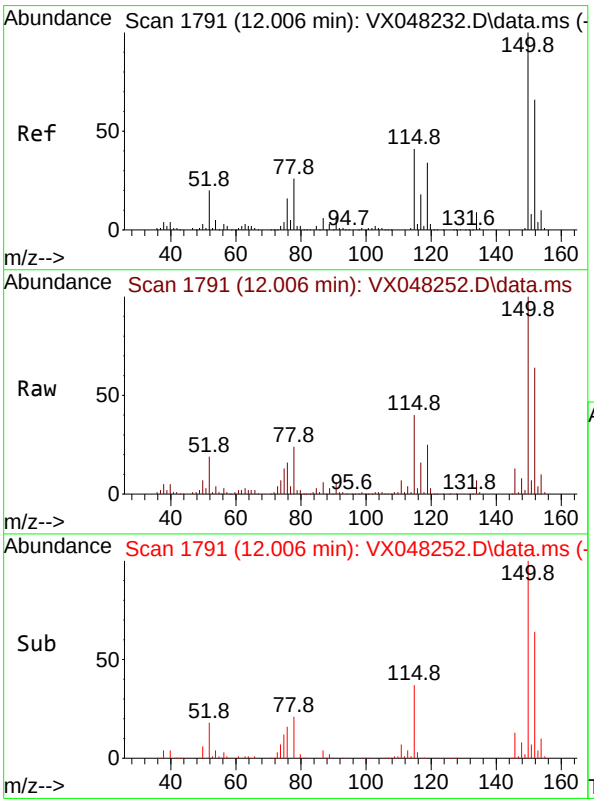
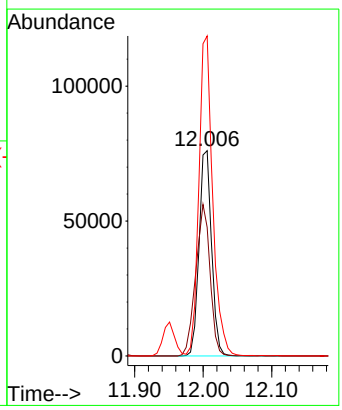
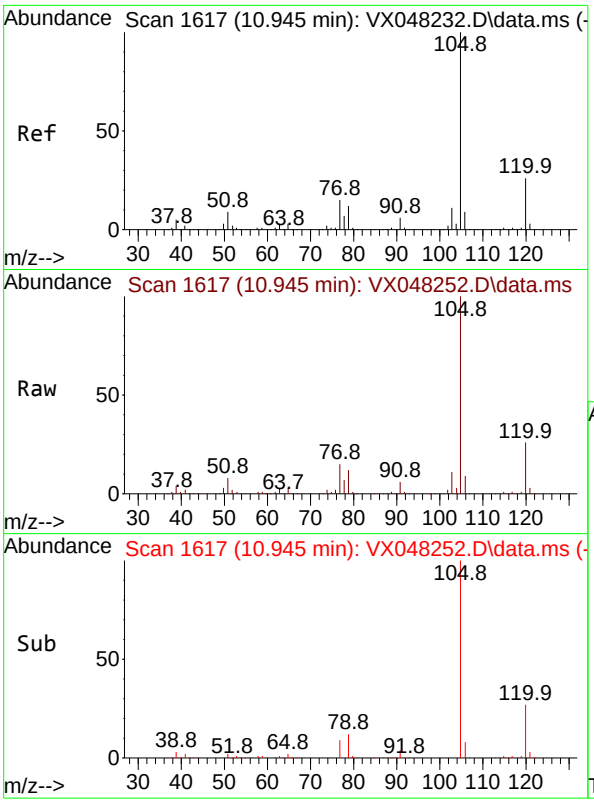


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:152 Resp: 96991

Ion	Ratio	Lower	Upper
152	100		
115	84.4	43.1	129.4
150	171.4	0.0	353.0

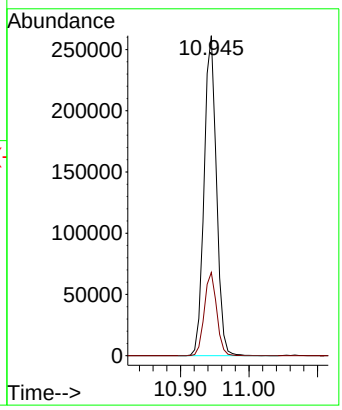




#73
Isopropylbenzene
Concen: 46.258 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:105 Resp: 32770

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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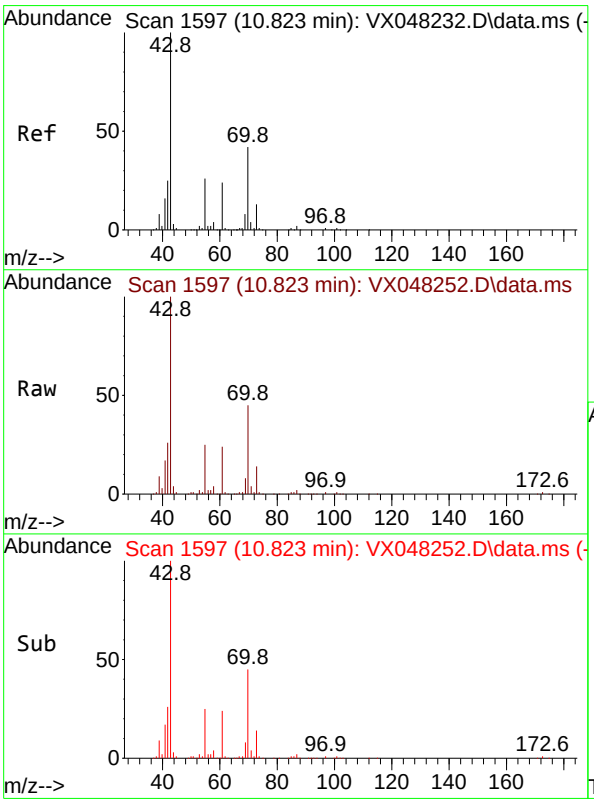
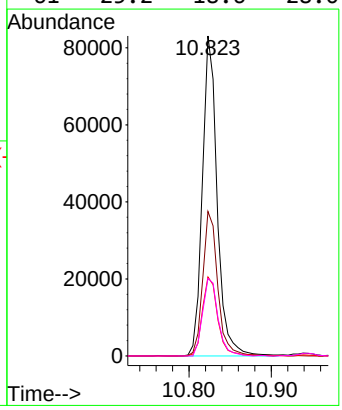
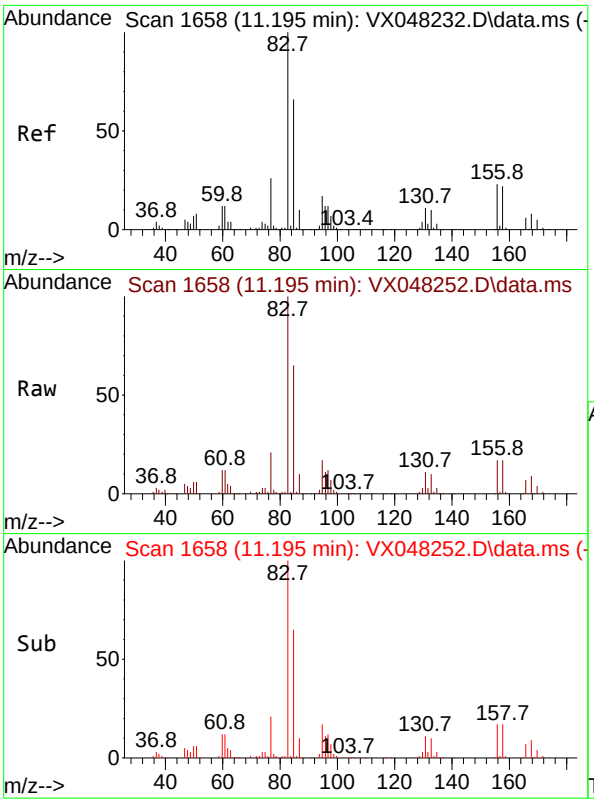


#74
N-amyl acetate
Concen: 41.490 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 104260

Ion	Ratio	Lower	Upper
43	100		
70	45.6	32.2	48.2
55	25.5	19.1	28.7
61	25.2	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.990 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 8316

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.8	14.4
85	64.6	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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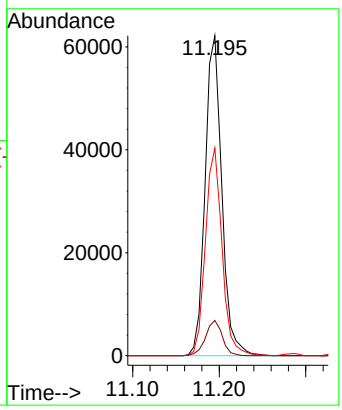
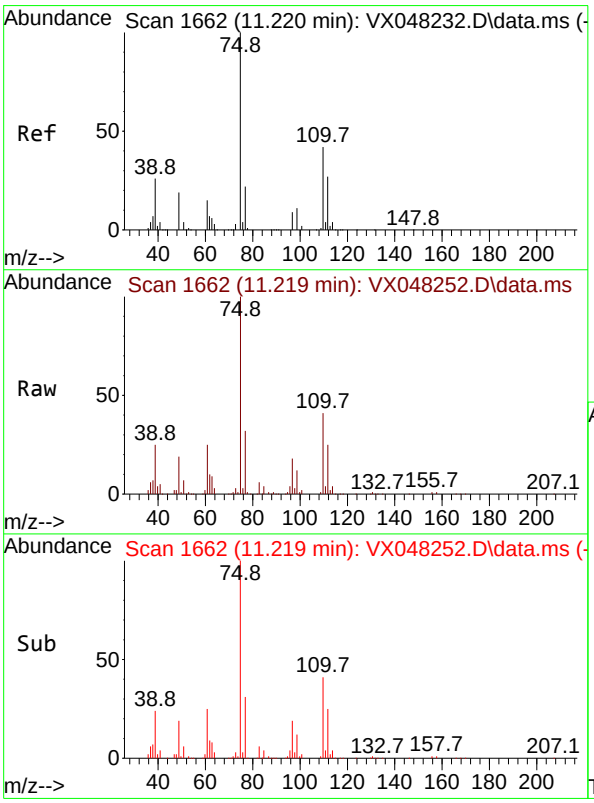
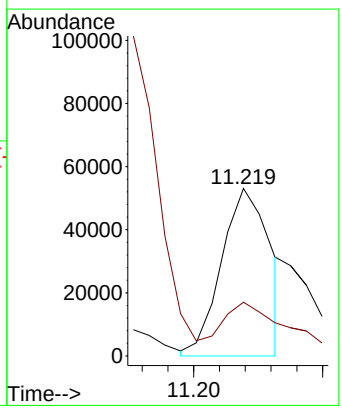


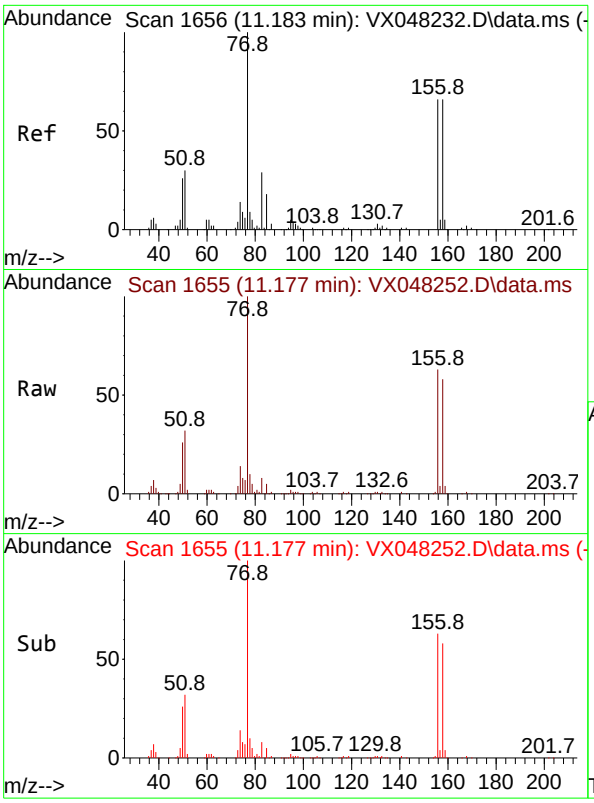


#76
1,2,3-Trichloropropane
Concen: 44.116 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 69389

Ion	Ratio	Lower	Upper
75	100		
77	44.4	22.4	67.2

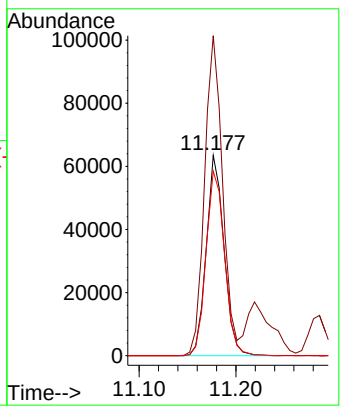




#77
Bromobenzene
Concen: 45.589 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:156 Resp: 8098

Ion	Ratio	Lower	Upper
156	100		
77	161.0	87.0	261.0
158	96.3	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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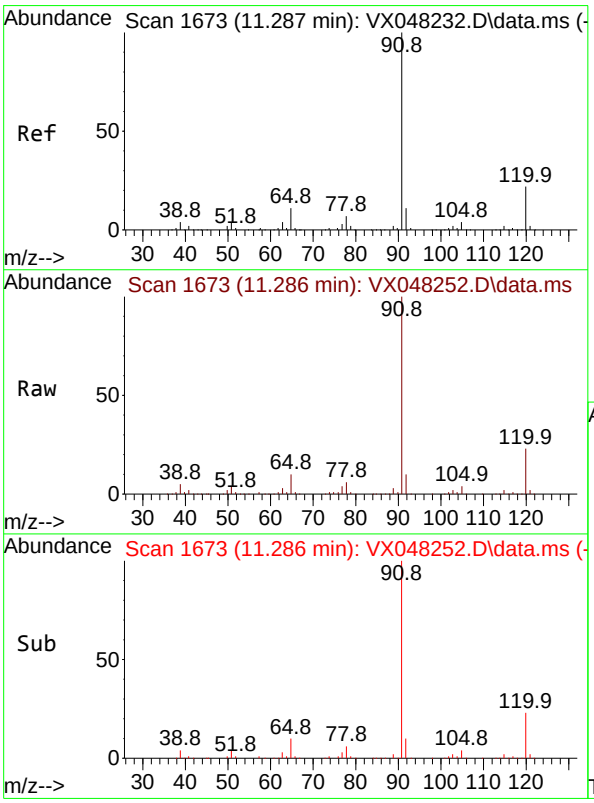
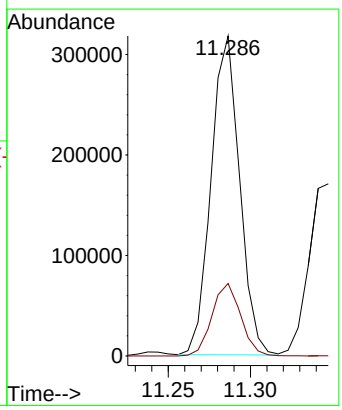
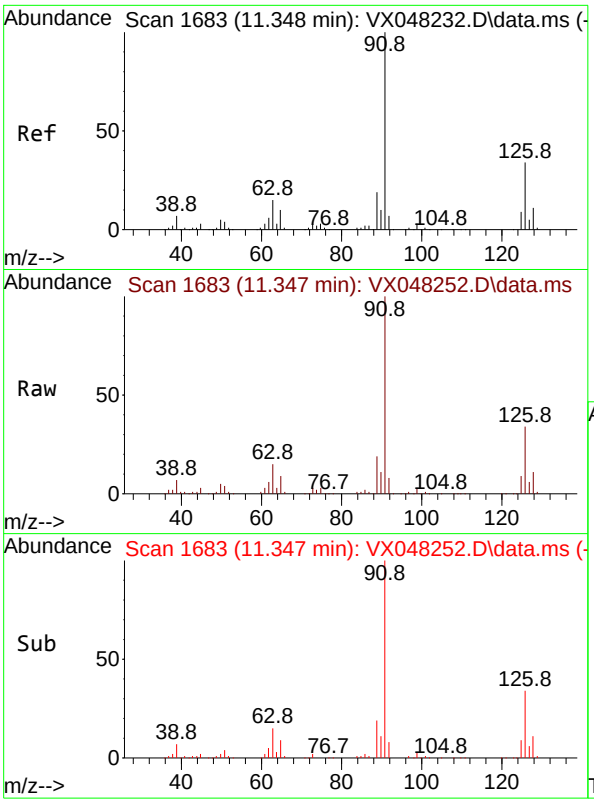


#78
n-propylbenzene
Concen: 46.739 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 383372

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1





#79
2-Chlorotoluene
Concen: 45.456 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 22605

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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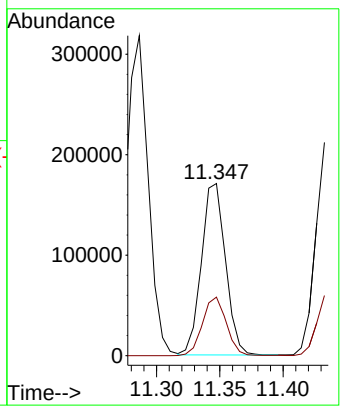
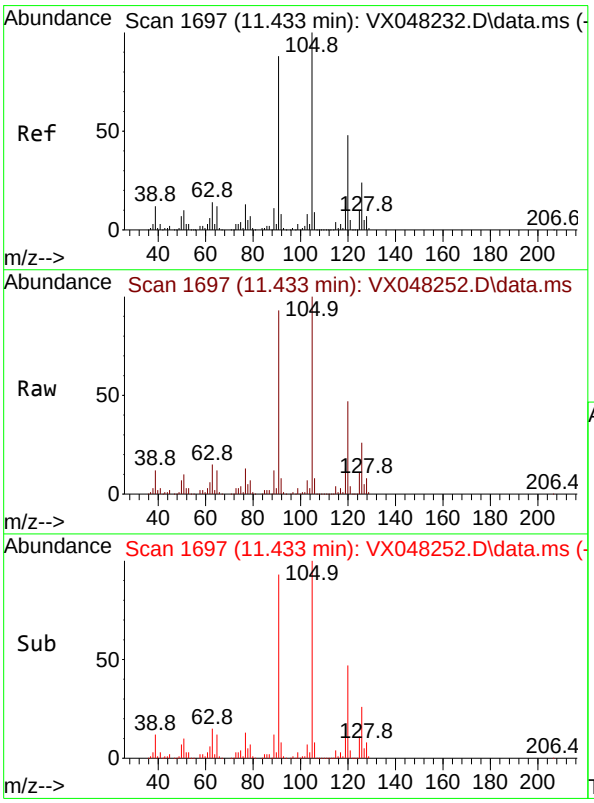
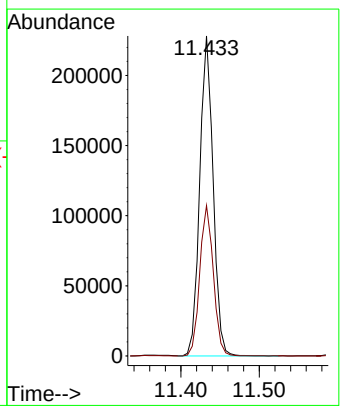


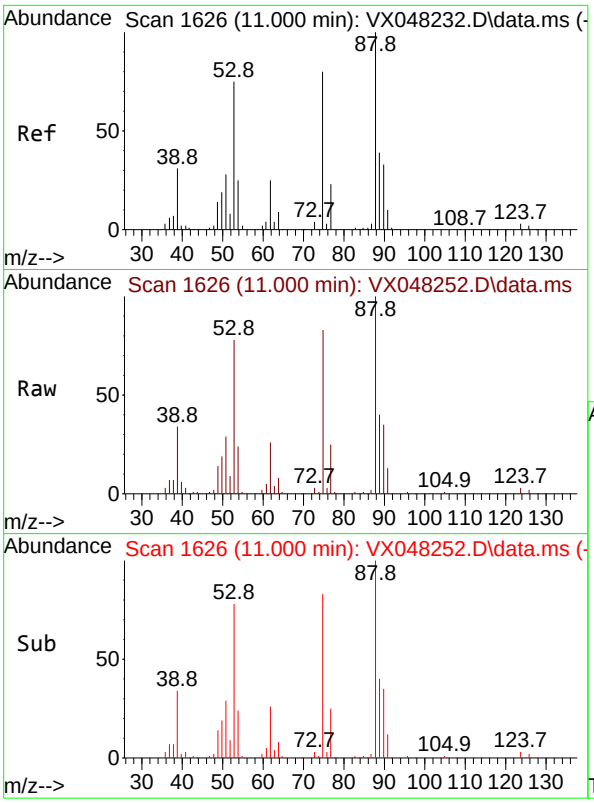


#80
1,3,5-Trimethylbenzene
Concen: 46.077 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:105 Resp: 270132

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.041 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 2782

Ion	Ratio	Lower	Upper
75	100		
53	99.9	79.5	119.3
89	49.7	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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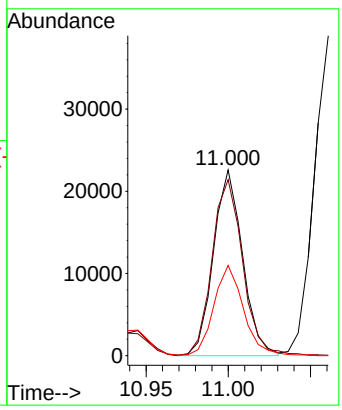
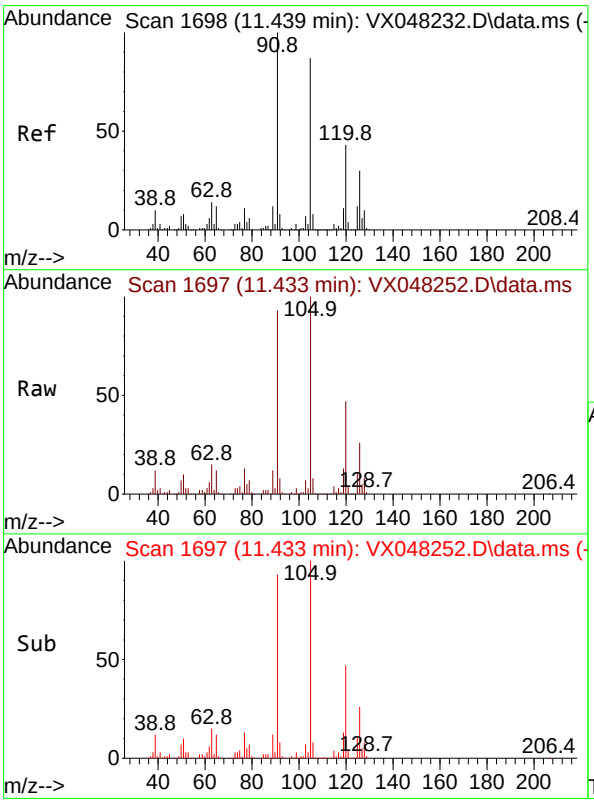
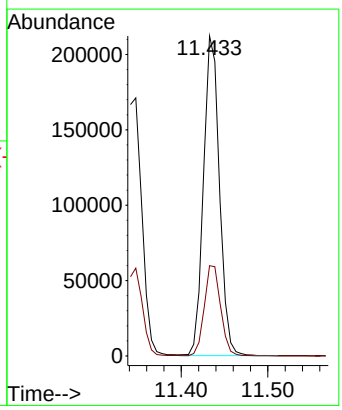


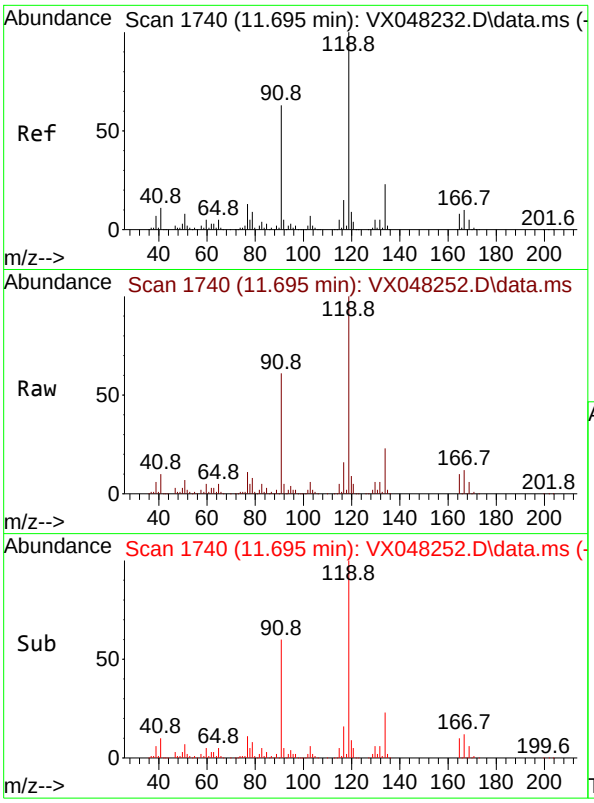


#82
4-Chlorotoluene
Concen: 45.973 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 271398

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.1	42.4

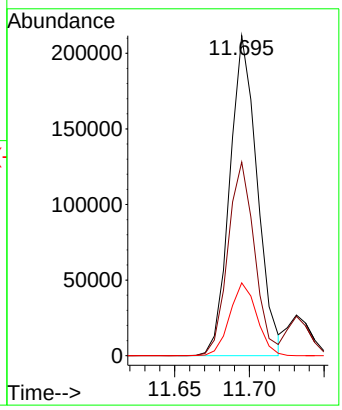




#83
tert-Butylbenzene
Concen: 44.748 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:119 Resp: 26954

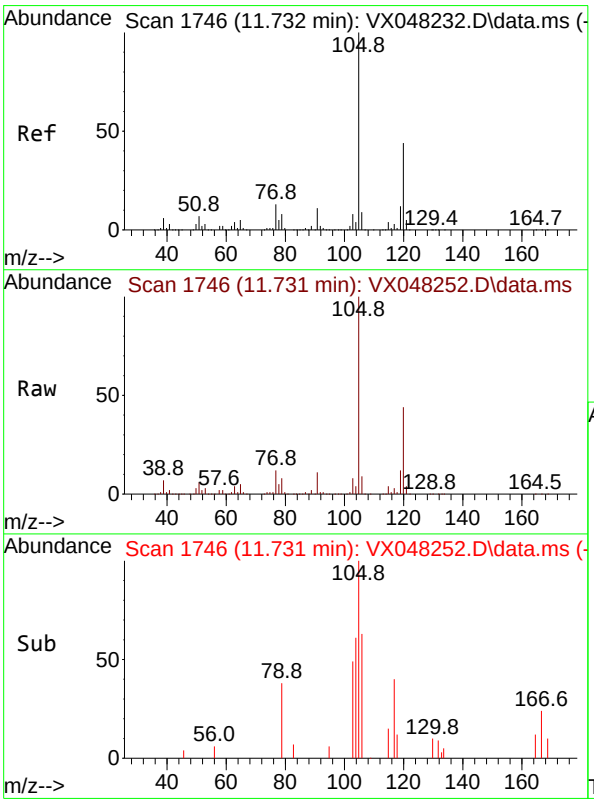
Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	22.5	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

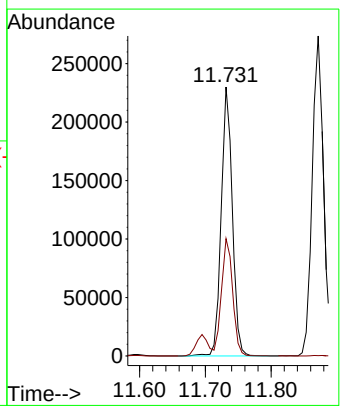
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

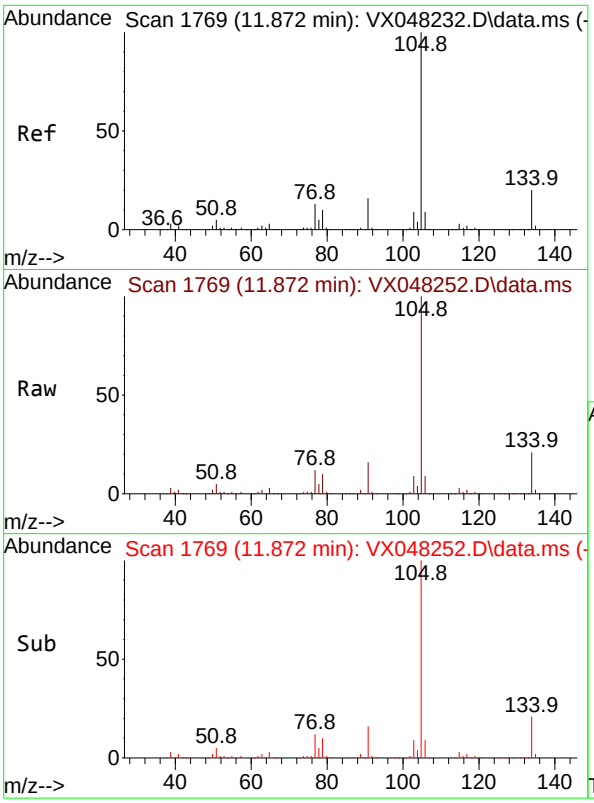


#84
1,2,4-Trimethylbenzene
Concen: 46.257 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:105 Resp: 270636

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.5





#85
sec-Butylbenzene
Concen: 44.772 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

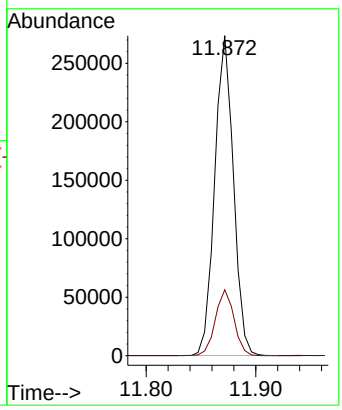
Tgt Ion:105 Resp: 32445

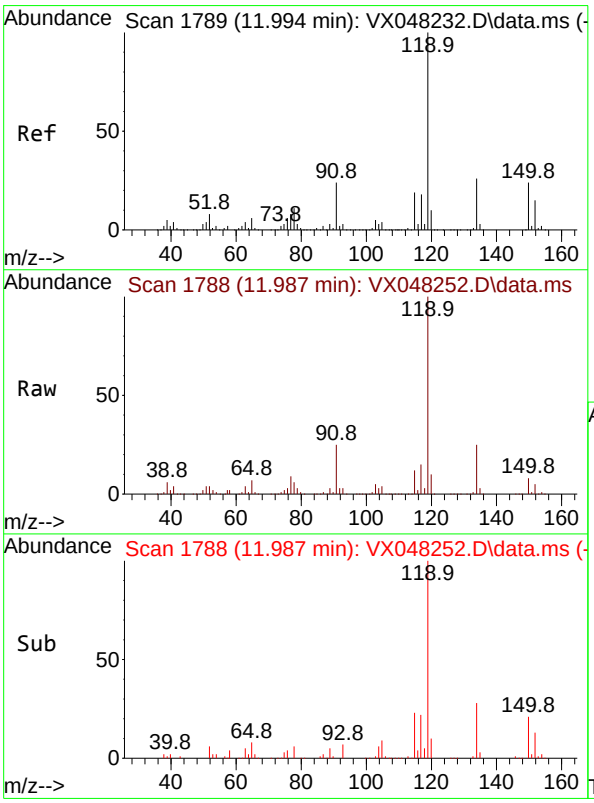
Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

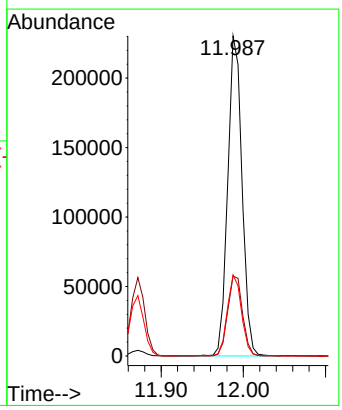


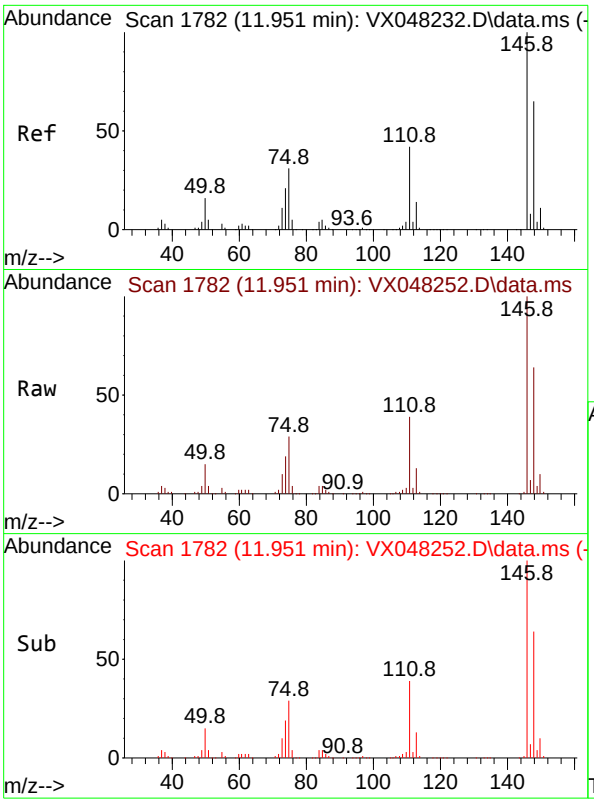


#86
p-Isopropyltoluene
Concen: 44.510 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:119 Resp: 278806

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	25.2	12.1	36.3

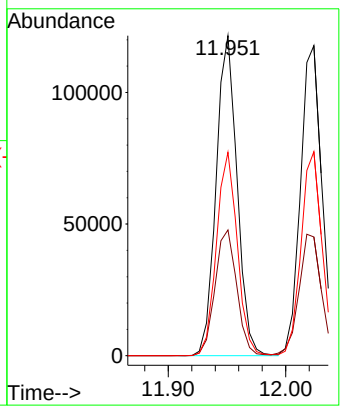




#87
1,3-Dichlorobenzene
Concen: 45.050 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:146 Resp: 15085

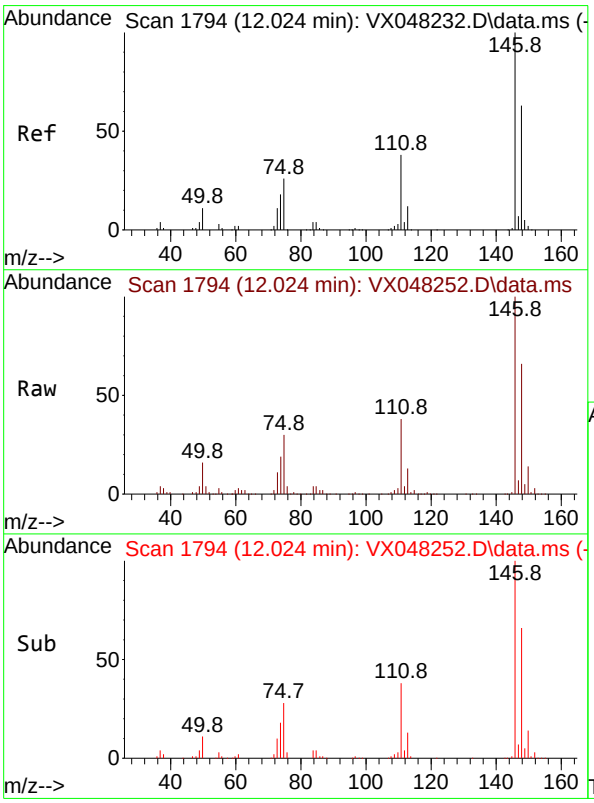
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

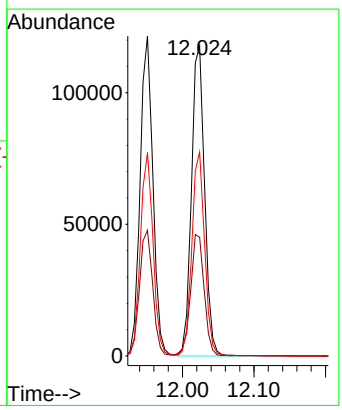
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

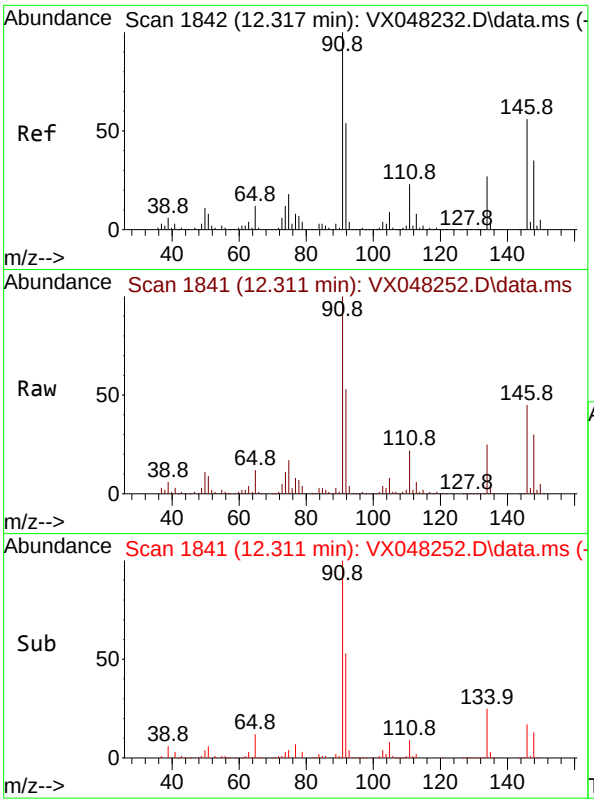


#88
1,4-Dichlorobenzene
Concen: 43.374 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:146 Resp: 150468

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.4	31.8	95.3

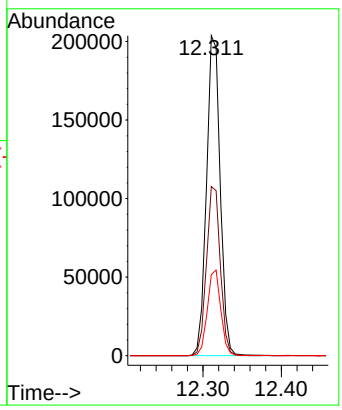




#89
n-Butylbenzene
Concen: 43.269 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 24669

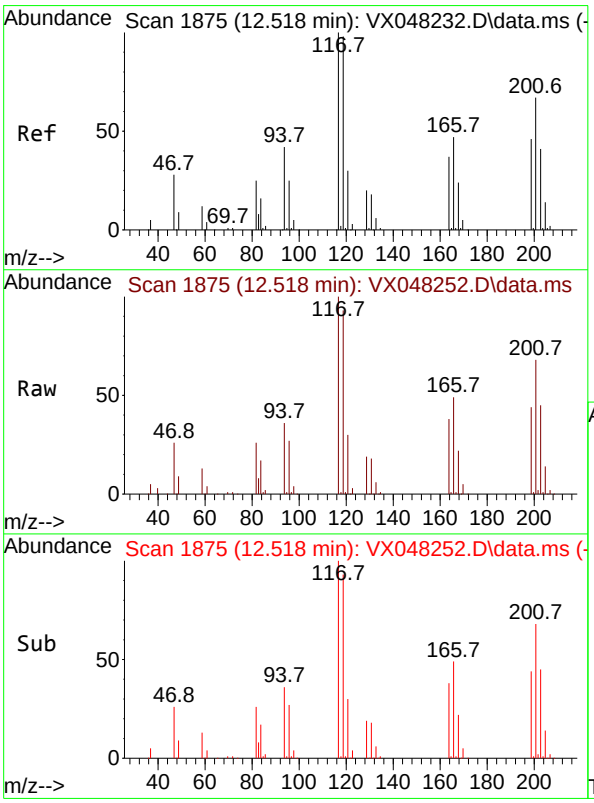
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.6
134	26.2	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

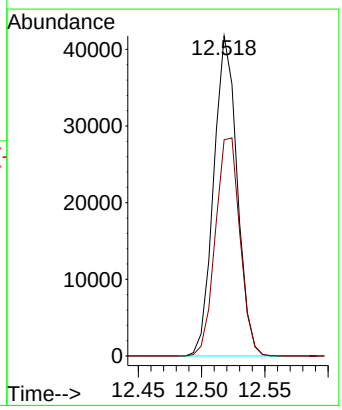
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

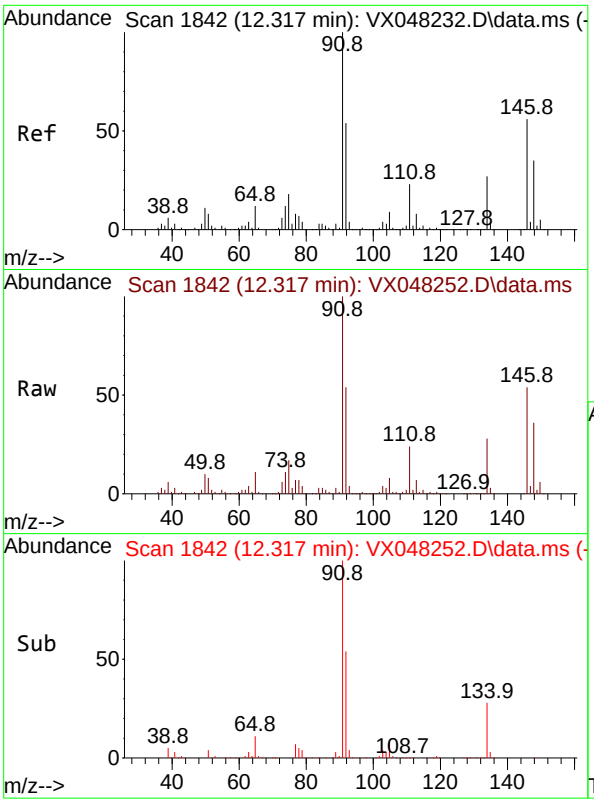


#90
Hexachloroethane
Concen: 43.425 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:117 Resp: 53716

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.1	102.2

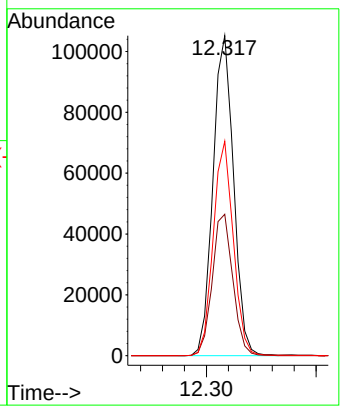




#91
1,2-Dichlorobenzene
Concen: 43.698 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:146 Resp: 13738

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.5
148	65.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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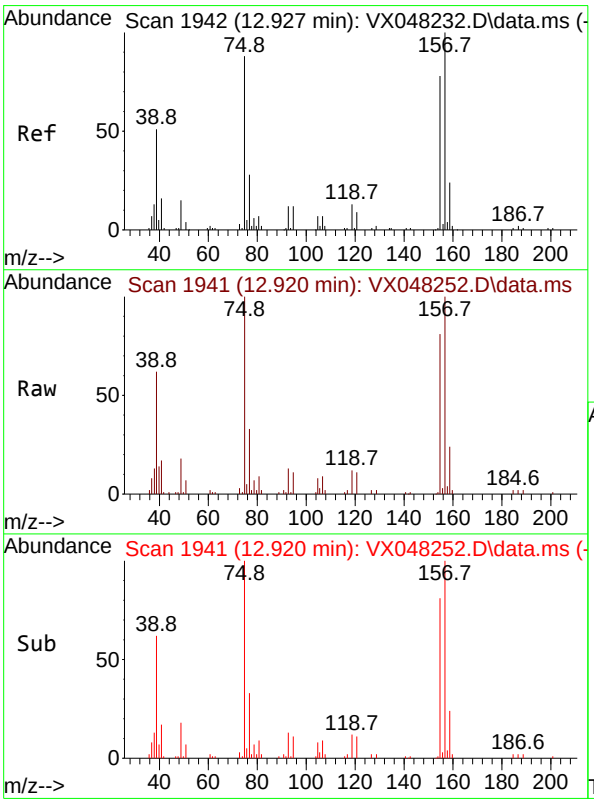
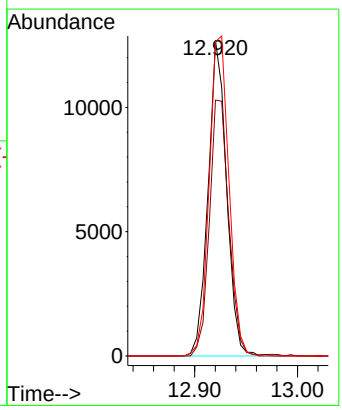
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

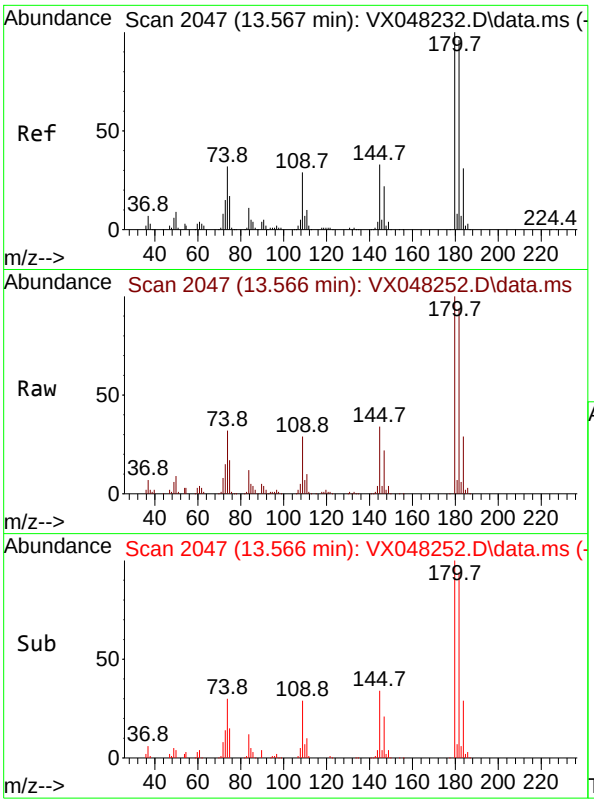


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.283 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 15819

Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.8	128.4
157	108.0	54.2	162.6

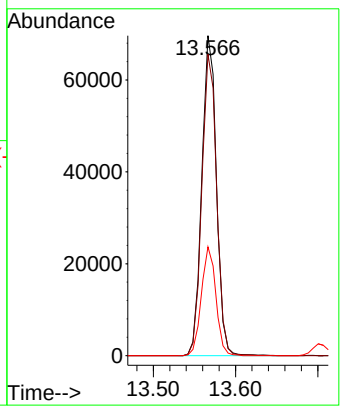




#93
1,2,4-Trichlorobenzene
Concen: 40.369 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:180 Resp: 8583

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	33.8	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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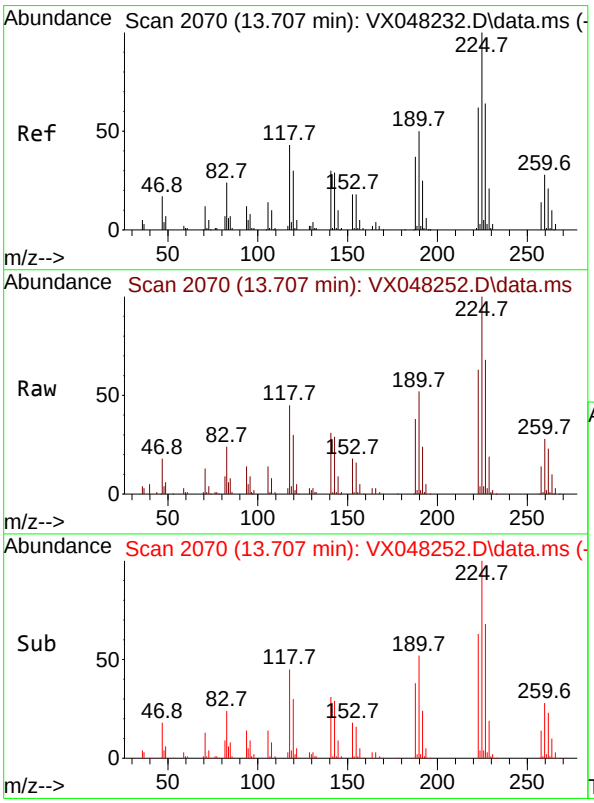
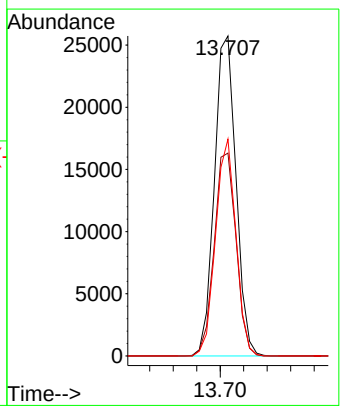
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

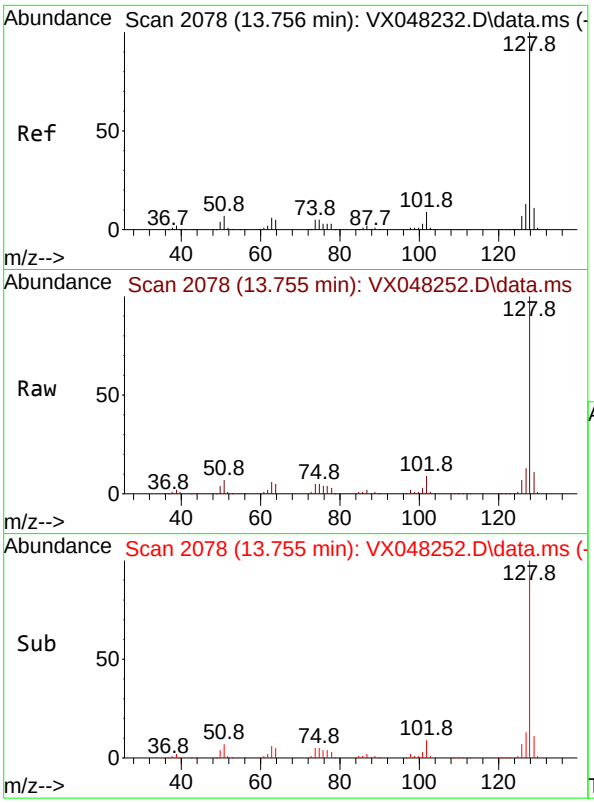


#94
Hexachlorobutadiene
Concen: 41.267 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:225 Resp: 32869

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.6	97.7
227	64.0	32.5	97.4

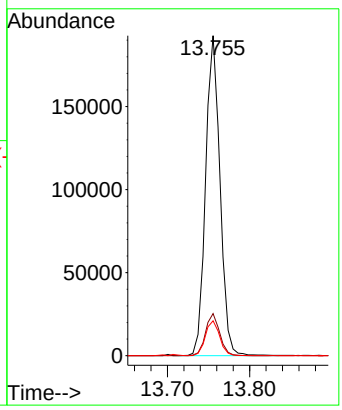




#95
Naphthalene
Concen: 41.531 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:128 Resp: 23394

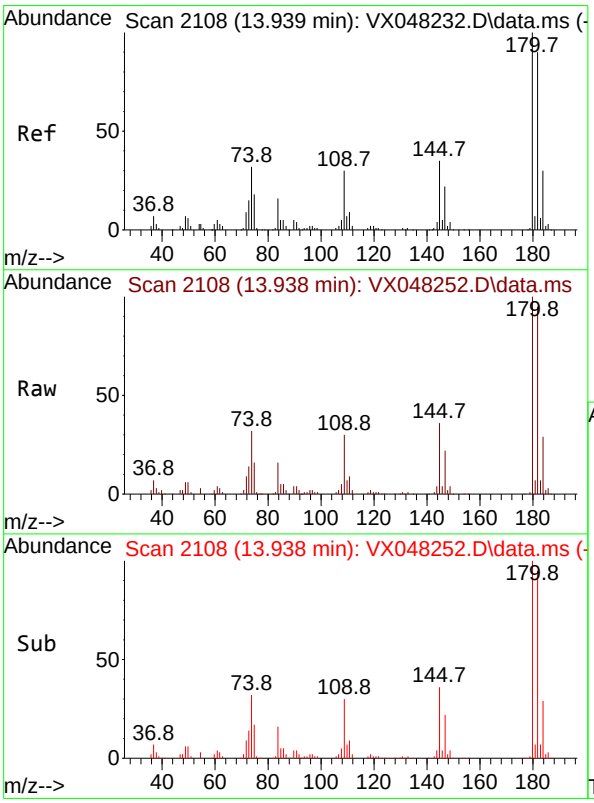
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

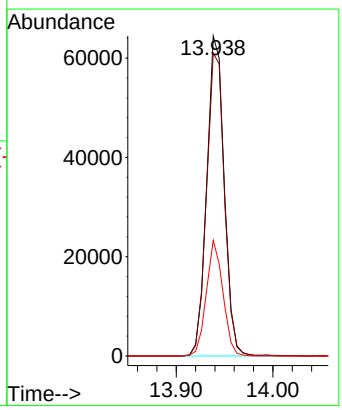
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 41.446 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:180 Resp: 80863

Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.6	139.7
145	34.4	16.9	50.7



Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2	T	Dichlorodifluoromethane	0.514	0.496	3.5	119	0.00
3	P	Chloromethane	0.480	0.468	2.5	121	0.00
4	C	Vinyl Chloride	0.444	0.448	-0.9#	125	0.00
5	T	Bromomethane	0.302	0.299	1.0	123	0.00
6	T	Chloroethane	0.261	0.261	0.0	123	0.00
7	T	Trichlorofluoromethane	0.852	0.813	4.6	117	0.00
8	T	Diethyl Ether	0.240	0.225	6.2	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.513	5.0	119	0.00
10	T	Methyl Iodide	0.678	0.621	8.4	108	0.00
11	T	Tert butyl alcohol	0.070	0.048	31.4#	90	0.00
12	CM	1,1-Dichloroethene	0.525	0.498	5.1#	119	0.00
13	T	Acrolein	0.071	0.077	-8.5	138	0.00
14	T	Allyl chloride	0.872	0.795	8.8	114	0.00
15	T	Acrylonitrile	0.251	0.212	15.5	102	0.00
16	T	Acetone	0.240	0.230	4.2	132	0.00
17	T	Carbon Disulfide	1.654	1.439	13.0	116	0.00
18	T	Methyl Acetate	0.502	0.411	18.1	102	0.00
19	T	Methyl tert-butyl Ether	1.791	1.576	12.0	107	-0.01
20	T	Methylene Chloride	0.586	0.556	5.1	117	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.538	6.8	116	0.00
22	T	Diisopropyl ether	1.738	1.614	7.1	112	0.00
23	T	Vinyl Acetate	1.389	1.256	9.6	108	0.00
24	P	1,1-Dichloroethane	1.051	0.952	9.4	113	0.00
25	T	2-Butanone	0.304	0.260	14.5	107	0.00
26	T	2,2-Dichloropropane	0.949	0.853	10.1	113	0.00
27	T	cis-1,2-Dichloroethene	0.673	0.610	9.4	113	-0.01
28	T	Bromochloromethane	0.436	0.435	0.2	114	0.00
29	T	Tetrahydrofuran	0.182	0.139	23.6	94	0.00
30	C	Chloroform	1.123	1.006	10.4#	111	0.00
31	T	Cyclohexane	0.870	0.788	9.4	111	0.00
32	T	1,1,1-Trichloroethane	1.035	0.920	11.1	110	-0.01
33	S	1,2-Dichloroethane-d4	0.701	0.658	6.1	112	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35	S	Dibromofluoromethane	0.341	0.340	0.3	116	-0.01
36	T	1,1-Dichloropropene	0.485	0.431	11.1	112	-0.01
37	T	Ethyl Acetate	0.402	0.325	19.2	99	0.00
38	T	Carbon Tetrachloride	0.599	0.533	11.0	108	0.00
39	T	Methylcyclohexane	0.573	0.510	11.0	106	0.00
40	TM	Benzene	1.409	1.280	9.2	111	-0.01
41	T	Methacrylonitrile	0.211	0.180	14.7	99	-0.01
42	TM	1,2-Dichloroethane	0.520	0.466	10.4	105	0.00
43	T	Isopropyl Acetate	0.661	0.540	18.3	96	0.00
44	TM	Trichloroethene	0.372	0.337	9.4	109	0.00
45	C	1,2-Dichloropropane	0.335	0.305	9.0#	107	0.00
46	T	Dibromomethane	0.261	0.233	10.7	106	0.00
47	T	Bromodichloromethane	0.563	0.510	9.4	107	0.00
48	T	Methyl methacrylate	0.333	0.273	18.0	95	0.00

Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	0.004	0.003	25.0	87	0.00
50	S	Toluene-d8	1.196	1.150	3.8	109	0.00
51	T	4-Methyl-2-Pentanone	0.381	0.302	20.7	90	0.00
52	CM	Toluene	0.895	0.795	11.2#	104	0.00
53	T	t-1,3-Dichloropropene	0.543	0.493	9.2	102	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.529	9.7	104	0.00
55	T	1,1,2-Trichloroethane	0.333	0.291	12.6	102	0.00
56	T	Ethyl methacrylate	0.487	0.414	15.0	95	0.00
57	T	1,3-Dichloropropane	0.568	0.497	12.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.223	3.9	97	0.00
59	T	2-Hexanone	0.266	0.227	14.7	96	0.00
60	T	Dibromochloromethane	0.447	0.388	13.2	103	0.00
61	T	1,2-Dibromoethane	0.355	0.307	13.5	101	0.00
62	S	4-Bromofluorobenzene	0.455	0.419	7.9	106	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.373	0.325	12.9	106	0.00
65	PM	Chlorobenzene	1.125	1.025	8.9	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.374	9.4	102	0.00
67	C	Ethyl Benzene	1.915	1.738	9.2#	102	0.00
68	T	m/p-Xylenes	0.712	0.666	6.5	103	0.00
69	T	o-Xylene	0.687	0.625	9.0	100	0.00
70	T	Styrene	1.170	1.107	5.4	103	0.00
71	P	Bromoform	0.330	0.283	14.2	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.652	3.379	7.5	103	0.00
74	T	N-amyl acetate	1.295	1.075	17.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.997	0.857	14.0	95	0.00
76	T	1,2,3-Trichloropropane	0.811	0.715	11.8	102	0.00
77	T	Bromobenzene	0.916	0.835	8.8	102	0.00
78	T	n-propylbenzene	4.228	3.953	6.5	103	0.00
79	T	2-Chlorotoluene	2.564	2.331	9.1	102	0.00
80	T	1,3,5-Trimethylbenzene	3.022	2.785	7.8	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.333	0.287	13.8	95	0.00
82	T	4-Chlorotoluene	3.043	2.798	8.1	102	0.00
83	T	tert-Butylbenzene	3.105	2.779	10.5	100	0.00
84	T	1,2,4-Trimethylbenzene	3.016	2.790	7.5	102	0.00
85	T	sec-Butylbenzene	3.736	3.345	10.5	101	0.00
86	T	p-Isopropyltoluene	3.229	2.875	11.0	101	0.00
87	T	1,3-Dichlorobenzene	1.726	1.555	9.9	105	0.00
88	T	1,4-Dichlorobenzene	1.788	1.551	13.3	103	0.00
89	T	n-Butylbenzene	2.939	2.543	13.5	101	0.00
90	T	Hexachloroethane	0.638	0.554	13.2	102	0.00
91	T	1,2-Dichlorobenzene	1.621	1.416	12.6	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.202	0.163	19.3	88	0.00
93	T	1,2,4-Trichlorobenzene	1.096	0.885	19.3	97	0.00
94	T	Hexachlorobutadiene	0.507	0.339	33.1#	95	0.00
95	T	Naphthalene	2.904	2.412	16.9	91	0.00

Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	1.006	0.834	17.1	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	116	-0.01
2	T	Dichlorodifluoromethane	50.000	48.214	3.6	119	0.00
3	P	Chloromethane	50.000	48.746	2.5	121	0.00
4	C	Vinyl Chloride	50.000	50.463	-0.9#	125	0.00
5	T	Bromomethane	50.000	49.645	0.7	123	0.00
6	T	Chloroethane	50.000	50.036	-0.1	123	0.00
7	T	Trichlorofluoromethane	50.000	47.687	4.6	117	0.00
8	T	Diethyl Ether	50.000	46.991	6.0	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.541	4.9	119	0.00
10	T	Methyl Iodide	50.000	45.766	8.5	108	0.00
11	T	Tert butyl alcohol	250.000	172.886	30.8#	90	0.00
12	CM	1,1-Dichloroethene	50.000	47.416	5.2#	119	0.00
13	T	Acrolein	250.000	272.848	-9.1	138	0.00
14	T	Allyl chloride	50.000	45.594	8.8	114	0.00
15	T	Acrylonitrile	250.000	211.101	15.6	102	0.00
16	T	Acetone	250.000	239.598	4.2	132	0.00
17	T	Carbon Disulfide	50.000	43.489	13.0	116	0.00
18	T	Methyl Acetate	50.000	40.924	18.2	102	0.00
19	T	Methyl tert-butyl Ether	50.000	44.001	12.0	107	-0.01
20	T	Methylene Chloride	50.000	47.460	5.1	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.681	6.6	116	0.00
22	T	Diisopropyl ether	50.000	46.439	7.1	112	0.00
23	T	Vinyl Acetate	250.000	226.065	9.6	108	0.00
24	P	1,1-Dichloroethane	50.000	45.296	9.4	113	0.00
25	T	2-Butanone	250.000	213.793	14.5	107	0.00
26	T	2,2-Dichloropropane	50.000	44.950	10.1	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.309	9.4	113	-0.01
28	T	Bromochloromethane	50.000	49.917	0.2	114	0.00
29	T	Tetrahydrofuran	250.000	190.379	23.8	94	0.00
30	C	Chloroform	50.000	44.807	10.4#	111	0.00
31	T	Cyclohexane	50.000	45.286	9.4	111	0.00
32	T	1,1,1-Trichloroethane	50.000	44.462	11.1	110	-0.01
33	S	1,2-Dichloroethane-d4	50.000	46.938	6.1	112	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35	S	Dibromofluoromethane	50.000	49.844	0.3	116	-0.01
36	T	1,1-Dichloropropene	50.000	44.412	11.2	112	-0.01
37	T	Ethyl Acetate	50.000	40.418	19.2	99	0.00
38	T	Carbon Tetrachloride	50.000	44.491	11.0	108	0.00
39	T	Methylcyclohexane	50.000	44.497	11.0	106	0.00
40	TM	Benzene	50.000	45.424	9.2	111	-0.01
41	T	Methacrylonitrile	50.000	42.707	14.6	99	-0.01
42	TM	1,2-Dichloroethane	50.000	44.791	10.4	105	0.00
43	T	Isopropyl Acetate	50.000	40.859	18.3	96	0.00
44	TM	Trichloroethene	50.000	45.286	9.4	109	0.00
45	C	1,2-Dichloropropane	50.000	45.586	8.8#	107	0.00
46	T	Dibromomethane	50.000	44.649	10.7	106	0.00
47	T	Bromodichloromethane	50.000	45.265	9.5	107	0.00
48	T	Methyl methacrylate	50.000	41.000	18.0	95	0.00

Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	782.834	21.7	87	0.00
50	S	Toluene-d8	50.000	48.070	3.9	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	198.518	20.6	90	0.00
52	CM	Toluene	50.000	44.443	11.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	45.367	9.3	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.199	9.6	104	0.00
55	T	1,1,2-Trichloroethane	50.000	43.758	12.5	102	0.00
56	T	Ethyl methacrylate	50.000	42.533	14.9	95	0.00
57	T	1,3-Dichloropropane	50.000	43.726	12.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	213.469	14.6	97	0.00
59	T	2-Hexanone	250.000	213.881	14.4	96	0.00
60	T	Dibromochloromethane	50.000	43.319	13.4	103	0.00
61	T	1,2-Dibromoethane	50.000	43.228	13.5	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.072	7.9	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	43.569	12.9	106	0.00
65	PM	Chlorobenzene	50.000	45.568	8.9	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.215	9.6	102	0.00
67	C	Ethyl Benzene	50.000	45.371	9.3#	102	0.00
68	T	m/p-Xylenes	100.000	93.624	6.4	103	0.00
69	T	o-Xylene	50.000	45.486	9.0	100	0.00
70	T	Styrene	50.000	47.309	5.4	103	0.00
71	P	Bromoform	50.000	42.915	14.2	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	46.258	7.5	103	0.00
74	T	N-amyl acetate	50.000	41.490	17.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.990	14.0	95	0.00
76	T	1,2,3-Trichloropropane	50.000	44.116	11.8	102	0.00
77	T	Bromobenzene	50.000	45.589	8.8	102	0.00
78	T	n-propylbenzene	50.000	46.739	6.5	103	0.00
79	T	2-Chlorotoluene	50.000	45.456	9.1	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.077	7.8	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.041	13.9	95	0.00
82	T	4-Chlorotoluene	50.000	45.973	8.1	102	0.00
83	T	tert-Butylbenzene	50.000	44.748	10.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.257	7.5	102	0.00
85	T	sec-Butylbenzene	50.000	44.772	10.5	101	0.00
86	T	p-Isopropyltoluene	50.000	44.510	11.0	101	0.00
87	T	1,3-Dichlorobenzene	50.000	45.050	9.9	105	0.00
88	T	1,4-Dichlorobenzene	50.000	43.374	13.3	103	0.00
89	T	n-Butylbenzene	50.000	43.269	13.5	101	0.00
90	T	Hexachloroethane	50.000	43.425	13.2	102	0.00
91	T	1,2-Dichlorobenzene	50.000	43.698	12.6	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.283	19.4	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	40.369	19.3	97	0.00
94	T	Hexachlorobutadiene	50.000	41.267	17.5	95	0.00
95	T	Naphthalene	50.000	41.531	16.9	91	0.00

Sample Results: **VX048252.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	41.446	17.1	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX048278.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG No.: Q3413

Instrument ID: MSVOA_X | Calibration Date/Time: 10/21/2025 18:09

Lab File ID: VX048278.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.514	0.469		-8.76	50
Chloromethane	0.480	0.395	0.1	-17.71	50
Vinyl Chloride	0.444	0.366		-17.57	50
Bromomethane	0.302	0.258		-14.57	50
Chloroethane	0.261	0.231		-11.49	50
Trichlorofluoromethane	0.852	0.801		-5.99	50
1,1,2-Trichlorotrifluoroethane	0.540	0.479		-11.3	50
1,1-Dichloroethene	0.525	0.490		-6.67	50
Acetone	0.240	0.185		-22.92	50
Carbon Disulfide	1.654	1.375		-16.87	50
Methyl tert-butyl Ether	1.791	1.749		-2.35	50
Methyl Acetate	0.502	0.451		-10.16	50
Methylene Chloride	0.586	0.564		-3.75	50
trans-1,2-Dichloroethene	0.577	0.537		-6.93	50
1,1-Dichloroethane	1.051	0.987	0.1	-6.09	50
Cyclohexane	0.870	0.770		-11.49	50
2-Butanone	0.304	0.262		-13.82	50
Carbon Tetrachloride	0.599	0.547		-8.68	50
cis-1,2-Dichloroethene	0.673	0.652		-3.12	50
Bromochloromethane	0.436	0.416		-4.59	50
Chloroform	1.123	1.104		-1.69	50
1,1,1-Trichloroethane	1.035	1.009		-2.51	50
Methylcyclohexane	0.573	0.489		-14.66	50
Benzene	1.409	1.285		-8.8	50
1,2-Dichloroethane	0.520	0.519		-0.19	50
Trichloroethene	0.372	0.348		-6.45	50
1,2-Dichloropropane	0.335	0.311		-7.16	50
Bromodichloromethane	0.563	0.545		-3.2	50
4-Methyl-2-Pentanone	0.381	0.346		-9.19	50
Toluene	0.895	0.860		-3.91	50
t-1,3-Dichloropropene	0.543	0.540		-0.55	50
cis-1,3-Dichloropropene	0.586	0.561		-4.27	50
1,1,2-Trichloroethane	0.333	0.324		-2.7	50
2-Hexanone	0.266	0.244		-8.27	50
Dibromochloromethane	0.447	0.441		-1.34	50
1,2-Dibromoethane	0.355	0.344		-3.1	50
Tetrachloroethene	0.373	0.316		-15.28	50
Chlorobenzene	1.125	1.027	0.3	-8.71	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX048278.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3413
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/21/2025 18:09
Lab File ID:	VX048278.D	Init. Calib. Date(s):	10/20/2025 10/20/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.915	1.736		-9.35	50
m/p-Xylenes	0.712	0.662		-7.02	50
o-Xylene	0.687	0.645		-6.11	50
Styrene	1.170	1.126		-3.76	50
Bromoform	0.330	0.304	0.1	-7.88	50
Isopropylbenzene	3.652	3.018		-17.36	50
1,1,2,2-Tetrachloroethane	0.997	0.843	0.3	-15.45	50
1,3-Dichlorobenzene	1.726	1.412		-18.19	50
1,4-Dichlorobenzene	1.788	1.440		-19.46	50
1,2-Dichlorobenzene	1.621	1.364		-15.85	50
1,2-Dibromo-3-Chloropropane	0.202	0.166		-17.82	50
1,2,4-Trichlorobenzene	1.096	0.844		-22.99	50
1,2,3-Trichlorobenzene	1.006	0.810		-19.48	50
1,2-Dichloroethane-d4	0.701	0.787		12.27	50
Dibromofluoromethane	0.341	0.360		5.57	50
Toluene-d8	1.196	1.238		3.51	50
4-Bromofluorobenzene	0.455	0.547		20.22	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_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	110260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	183155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86809	56.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.300%			
35) Dibromofluoromethane	5.373	113	66021	52.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.635	98	226656	51.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.061	95	100241	60.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	51728	45.636	ug/l	96
3) Chloromethane	1.300	50	43511	41.125	ug/l	100
4) Vinyl Chloride	1.380	62	40381	41.217	ug/l	100
5) Bromomethane	1.617	94	28469	42.818	ug/l	97
6) Chloroethane	1.697	64	25432	44.175	ug/l	92
7) Trichlorofluoromethane	1.898	101	88297	46.992	ug/l	98
8) Diethyl Ether	2.136	74	24255	45.877	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.337	101	52798	44.374	ug/l	95
10) Methyl Iodide	2.459	142	76908	51.416	ug/l	98
11) Tert butyl alcohol	2.940	59	31351	204.253	ug/l	98
12) 1,1-Dichloroethene	2.325	96	53980	46.632	ug/l	96
13) Acrolein	2.239	56	42126	269.101	ug/l	100
14) Allyl chloride	2.666	41	86002	44.749	ug/l	93
15) Acrylonitrile	3.056	53	127802	230.910	ug/l	100
16) Acetone	2.373	43	101775	191.905	ug/l	97
17) Carbon Disulfide	2.514	76	151626	41.561	ug/l	99
18) Methyl Acetate	2.703	43	49775	44.941	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	192863	48.837	ug/l	96
20) Methylene Chloride	2.788	84	62187	48.124	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	59217	46.571	ug/l	100
22) Diisopropyl ether	3.751	45	183332	47.827	ug/l #	88
23) Vinyl Acetate	3.715	43	742546	242.501	ug/l	96
24) 1,1-Dichloroethane	3.611	63	108877	46.973	ug/l	99
25) 2-Butanone	4.538	43	144575	215.374	ug/l	96
26) 2,2-Dichloropropane	4.465	77	93655	44.766	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	71911	48.458	ug/l	97
28) Bromochloromethane	4.891	49	45824	47.680	ug/l #	81
29) Tetrahydrofuran	4.989	42	87839	218.490	ug/l	89
30) Chloroform	5.086	83	121680	49.137	ug/l	98
31) Cyclohexane	5.464	56	84891	44.238	ug/l #	86
32) 1,1,1-Trichloroethane	5.373	97	111254	48.747	ug/l	98
36) 1,1-Dichloropropene	5.678	75	80634	45.371	ug/l	98
37) Ethyl Acetate	4.702	43	63123	42.851	ug/l	97
38) Carbon Tetrachloride	5.666	117	100140	45.671	ug/l	99
39) Methylcyclohexane	7.366	83	89560	42.670	ug/l	96
40) Benzene	6.025	78	235395	45.621	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	35543	45.945	ug/l		96
42) 1,2-Dichloroethane	6.074	62	95021	49.906	ug/l		100
43) Isopropyl Acetate	6.324	43	109791	45.374	ug/l		96
44) Trichloroethene	7.110	130	63675	46.735	ug/l		93
45) 1,2-Dichloropropane	7.415	63	57013	46.474	ug/l		95
46) Dibromomethane	7.568	93	45069	47.155	ug/l		93
47) Bromodichloromethane	7.805	83	99888	48.404	ug/l		96
48) Methyl methacrylate	7.677	41	56463	46.243	ug/l		94
49) 1,4-Dioxane	7.647	88	14536	901.119	ug/l		89
51) 4-Methyl-2-Pentanone	8.555	43	317029	227.242	ug/l		94
52) Toluene	8.702	92	157443	48.031	ug/l		97
53) t-1,3-Dichloropropene	8.964	75	98842	49.703	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	102835	47.929	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	59379	48.711	ug/l		96
56) Ethyl methacrylate	9.104	69	87411	49.025	ug/l		95
57) 1,3-Dichloropropane	9.293	76	102643	49.295	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	230656	240.651	ug/l		94
59) 2-Hexanone	9.415	43	223051	229.287	ug/l		95
60) Dibromochloromethane	9.506	129	80763	49.293	ug/l		99
61) 1,2-Dibromoethane	9.592	107	63070	48.532	ug/l		98
64) Tetrachloroethene	9.256	164	56206	42.374	ug/l		98
65) Chlorobenzene	10.061	112	182408	45.637	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	67128	45.726	ug/l		98
67) Ethyl Benzene	10.177	91	308525	45.338	ug/l		98
68) m/p-Xylenes	10.287	106	235258	93.046	ug/l		100
69) o-Xylene	10.628	106	114670	46.976	ug/l		99
70) Styrene	10.640	104	200106	48.144	ug/l		99
71) Bromoform	10.780	173	53984	46.009	ug/l	#	100
73) Isopropylbenzene	10.945	105	311296	41.323	ug/l		99
74) N-amyl acetate	10.823	43	107536	40.243	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	86911	42.247	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	79495m	47.529	ug/l		
77) Bromobenzene	11.183	156	80549	42.643	ug/l		94
78) n-propylbenzene	11.286	91	365847	41.944	ug/l		98
79) 2-Chlorotoluene	11.347	91	220518	41.700	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	264110	42.365	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	27633	40.195	ug/l		99
82) 4-Chlorotoluene	11.433	91	265279	42.258	ug/l		98
83) tert-Butylbenzene	11.695	119	269712	42.107	ug/l		96
84) 1,2,4-Trimethylbenzene	11.732	105	264898	42.577	ug/l		100
85) sec-Butylbenzene	11.872	105	314902	40.863	ug/l		99
86) p-Isopropyltoluene	11.988	119	272639	40.931	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	145669	40.908	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	148555	40.270	ug/l		100
89) n-Butylbenzene	12.311	91	236982	39.088	ug/l		99
90) Hexachloroethane	12.518	117	50186	38.153	ug/l		92
91) 1,2-Dichlorobenzene	12.317	146	140638	42.066	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17092	40.930	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	87024	38.490	ug/l		99
94) Hexachlorobutadiene	13.707	225	32660	38.565	ug/l		97
95) Naphthalene	13.756	128	250514	41.822	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	83499	40.246	ug/l		98

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

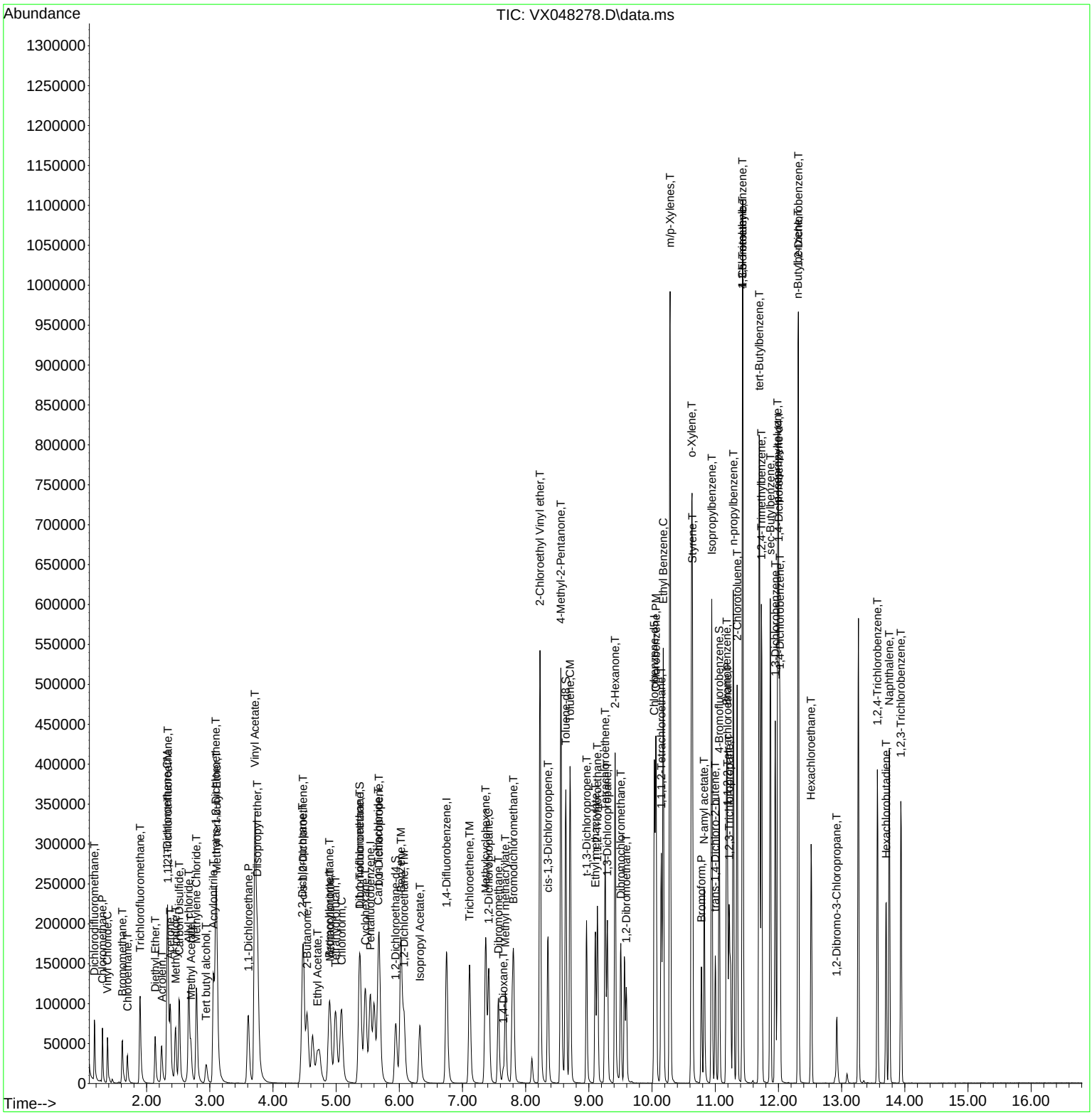
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

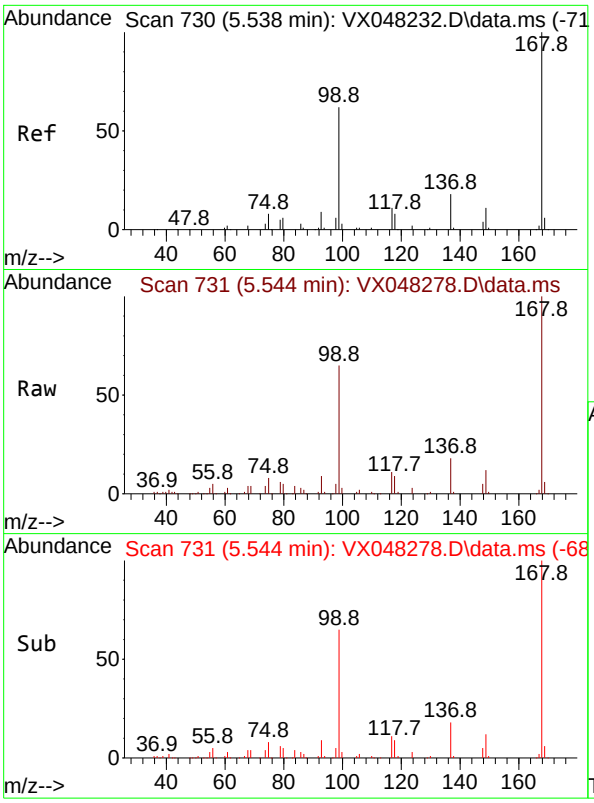
Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

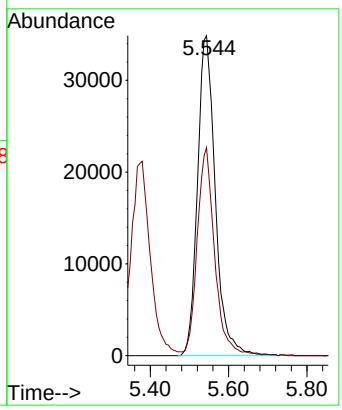




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:168 Resp: 11026

Ion	Ratio	Lower	Upper
168	100		
99	65.1	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
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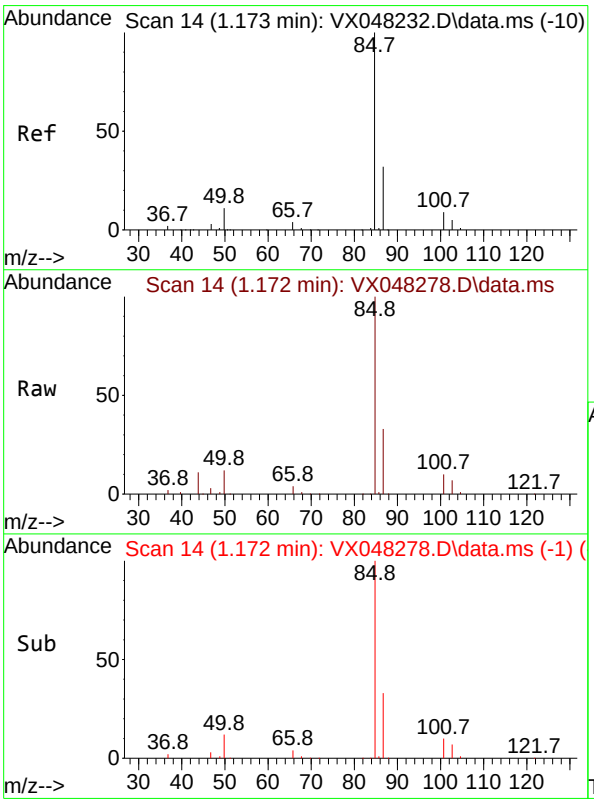
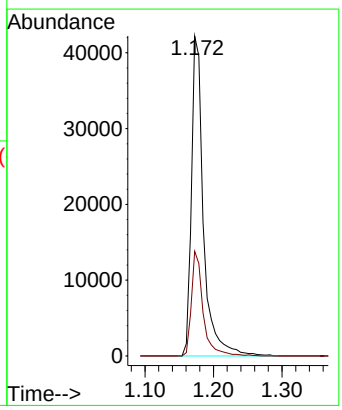
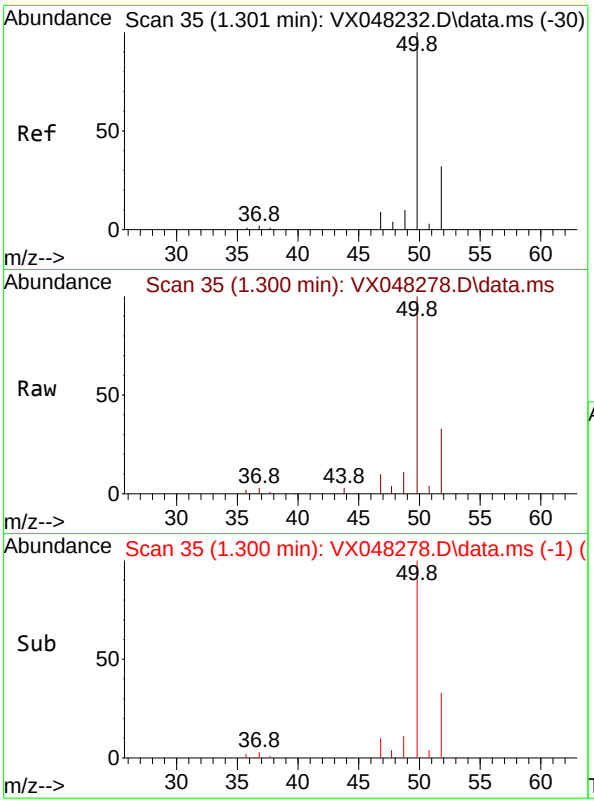


#2
Dichlorodifluoromethane
Concen: 45.636 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 85 Resp: 51728

Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.3	45.9





#3
Chloromethane
Concen: 41.125 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

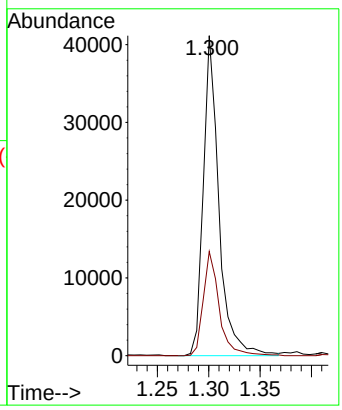
Tgt Ion: 50 Resp: 4351

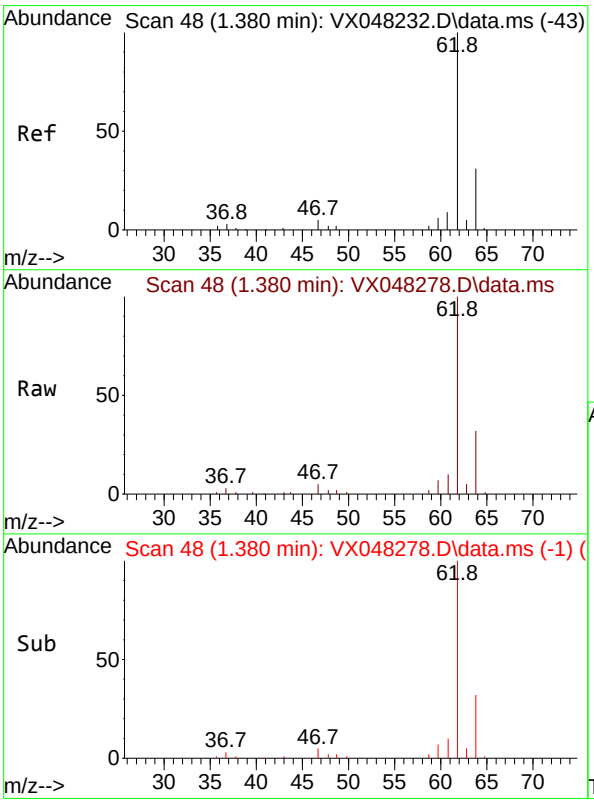
Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

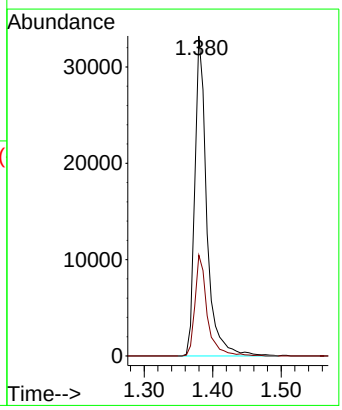


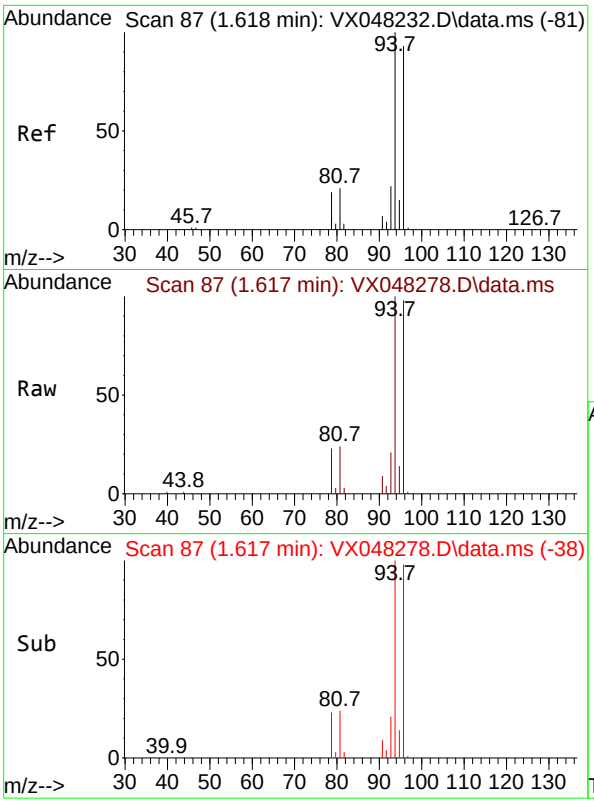


#4
Vinyl Chloride
Concen: 41.217 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 62 Resp: 40381

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7

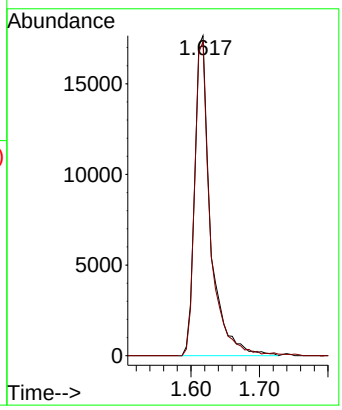




#5
Bromomethane
Concen: 42.818 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 94 Resp: 2846

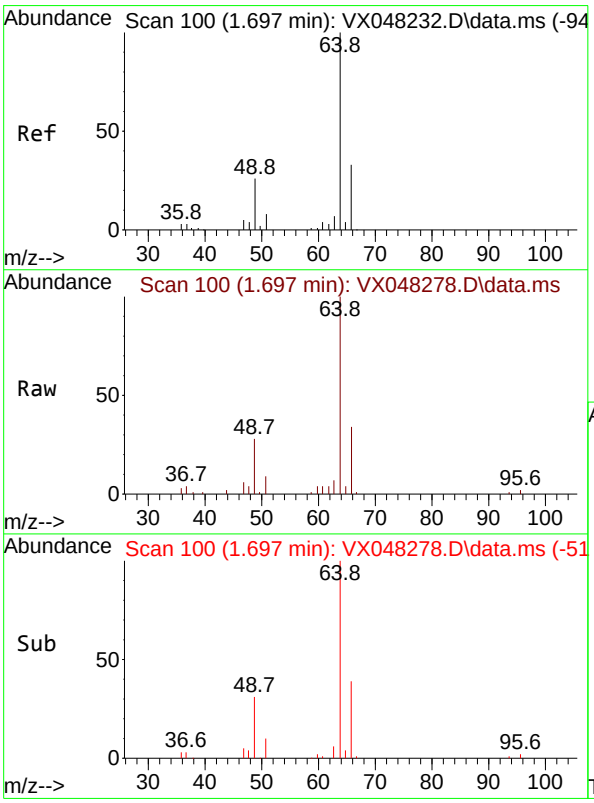
Ion	Ratio	Lower	Upper
94	100		
96	98.1	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

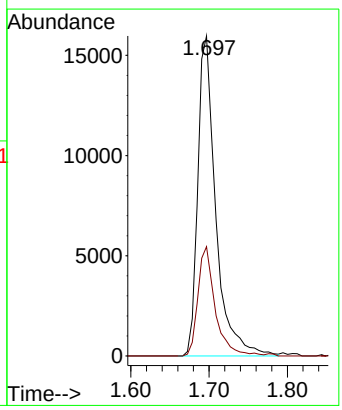
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

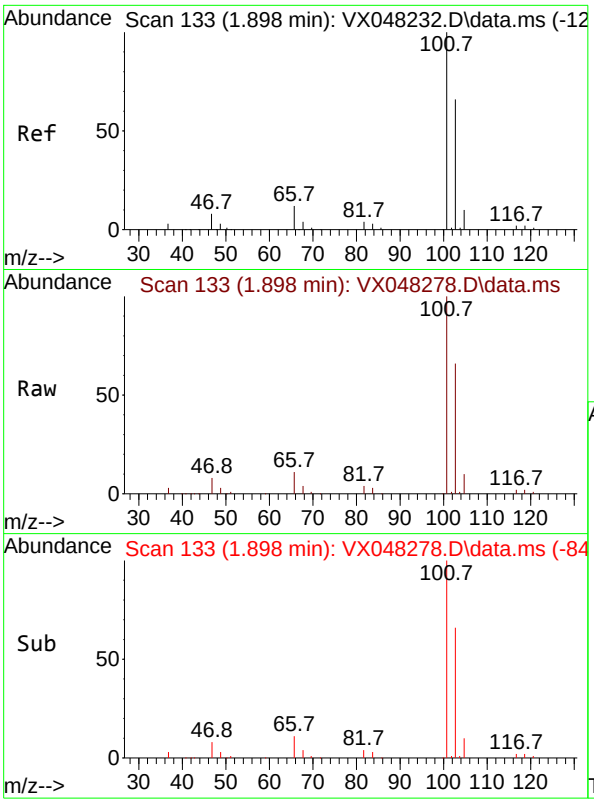


#6
Chloroethane
Concen: 44.175 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 64 Resp: 25432

Ion	Ratio	Lower	Upper
64	100		
66	34.2	23.9	35.9





#7
Trichlorofluoromethane
Concen: 46.992 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

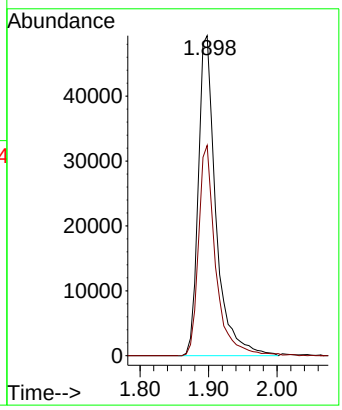
Tgt Ion:101 Resp: 8829

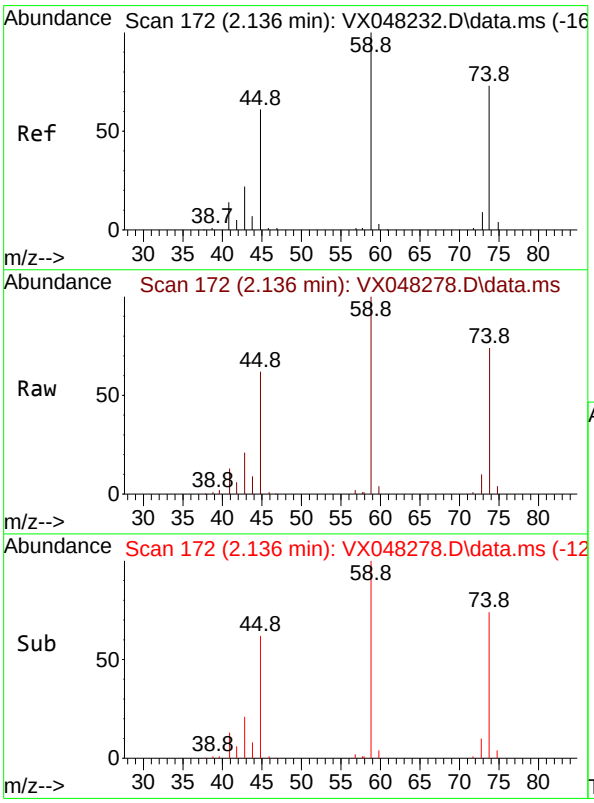
Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

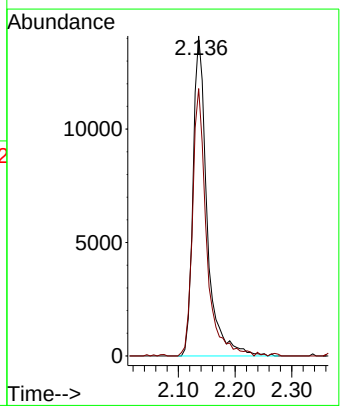


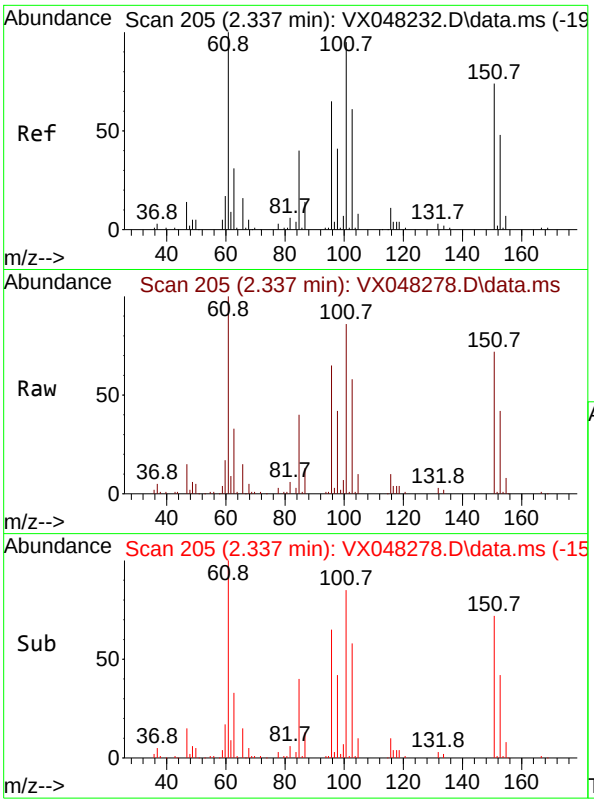


#8
Diethyl Ether
Concen: 45.877 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 74 Resp: 24255

Ion	Ratio	Lower	Upper
74	100		
45	83.2	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.374 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

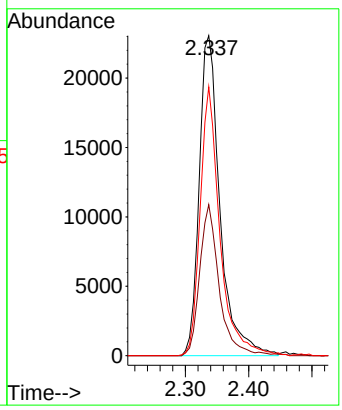
Tgt Ion:101 Resp: 5279

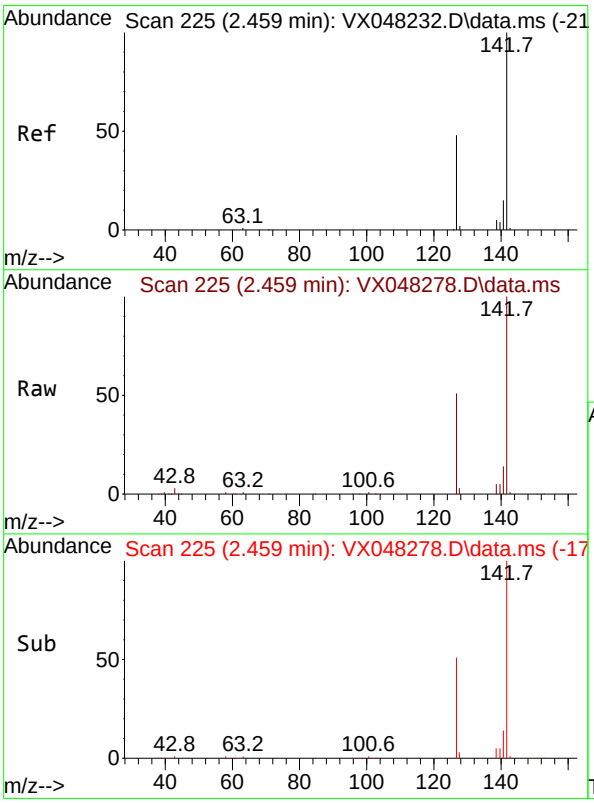
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.6	53.4
151	79.7	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

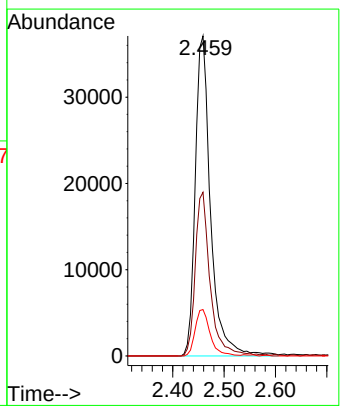


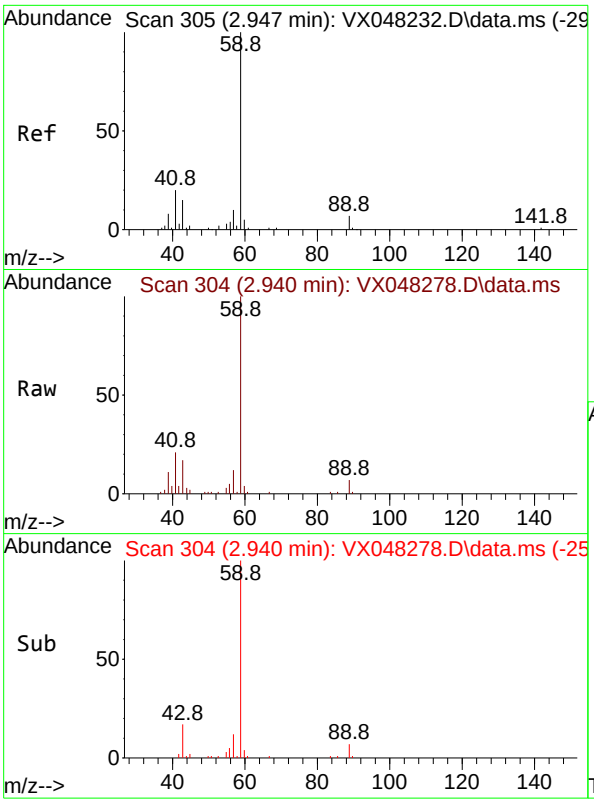


#10
Methyl Iodide
Concen: 51.416 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:142 Resp: 76908

Ion	Ratio	Lower	Upper
142	100		
127	49.9	38.5	57.7
141	14.2	11.6	17.4





#11
Tert butyl alcohol
Concen: 204.253 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

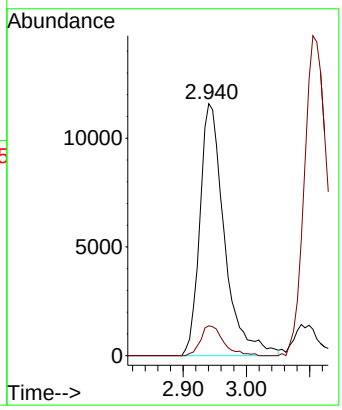
Tgt Ion: 59 Resp: 3135

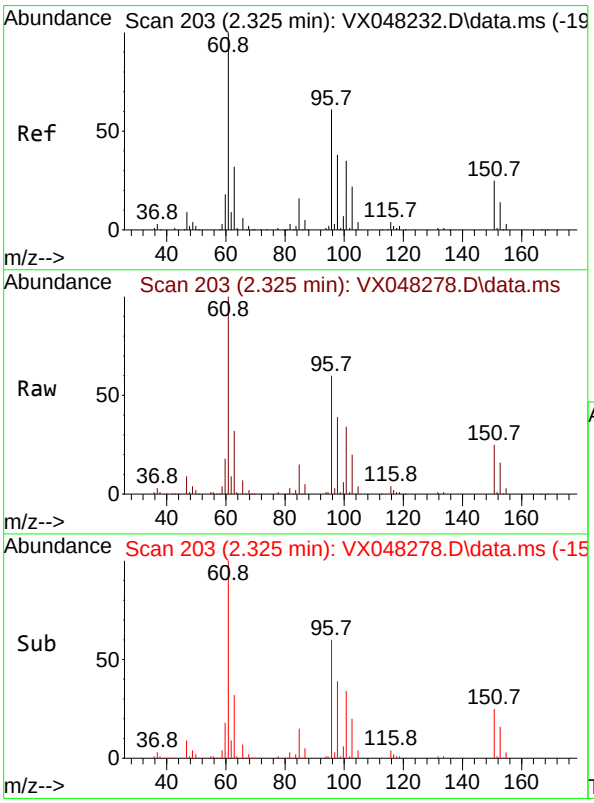
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

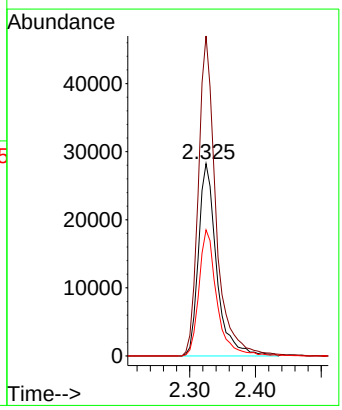


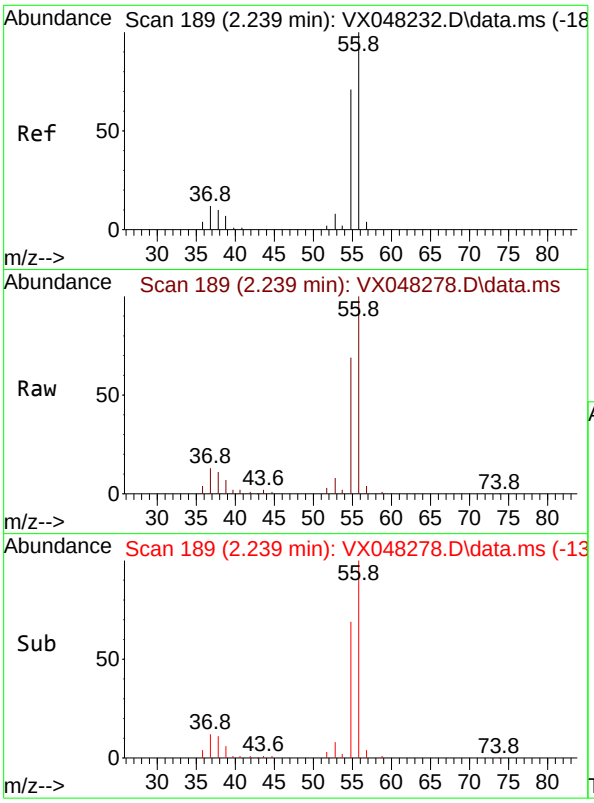


#12
1,1-Dichloroethene
Concen: 46.632 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 96 Resp: 53980

Ion	Ratio	Lower	Upper
96	100		
61	166.4	139.0	208.6
98	65.5	52.4	78.6

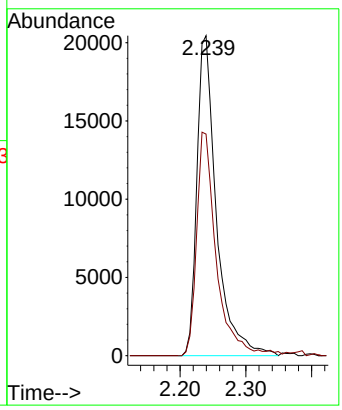




#13
Acrolein
Concen: 269.101 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 56 Resp: 4212

Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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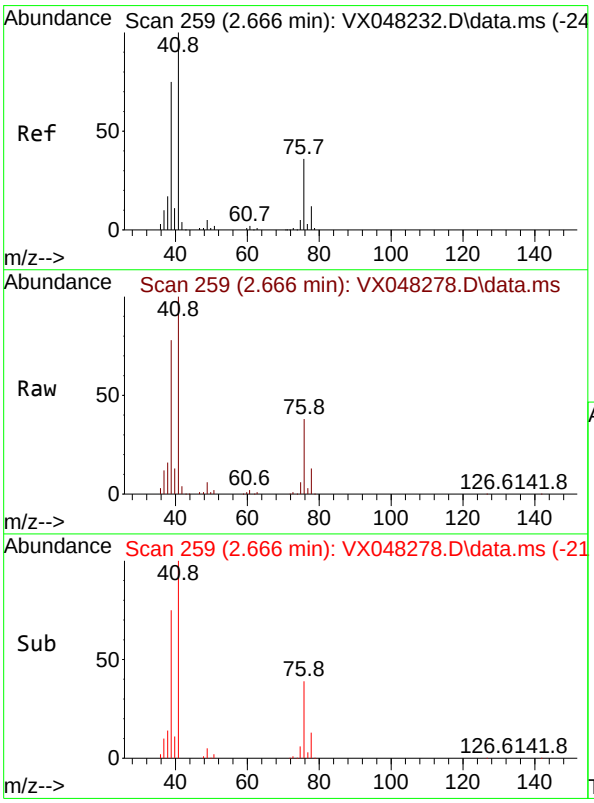
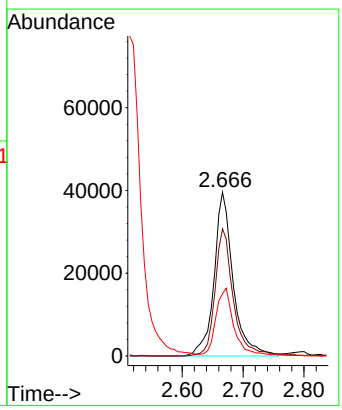
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

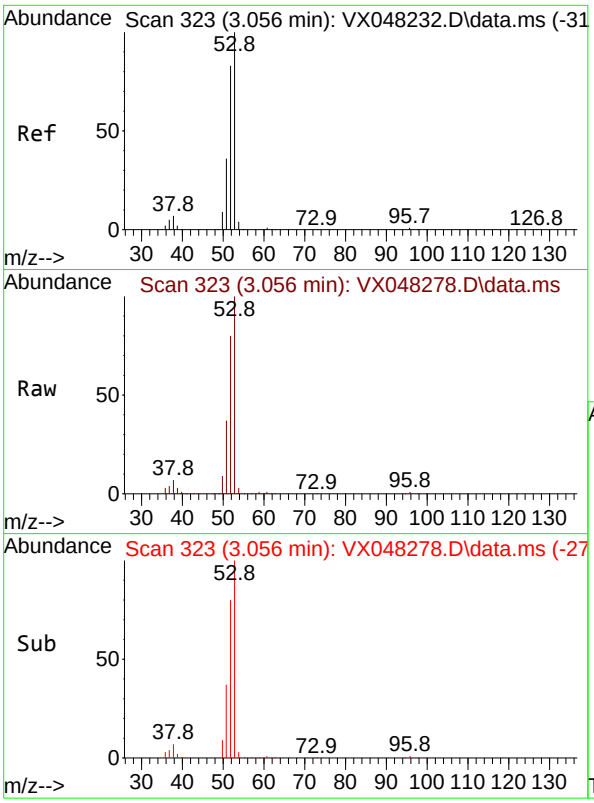


#14
Allyl chloride
Concen: 44.749 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 86002

Ion	Ratio	Lower	Upper
41	100		
39	74.6	56.0	84.0
76	39.7	27.5	41.3





#15
Acrylonitrile
Concen: 230.910 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

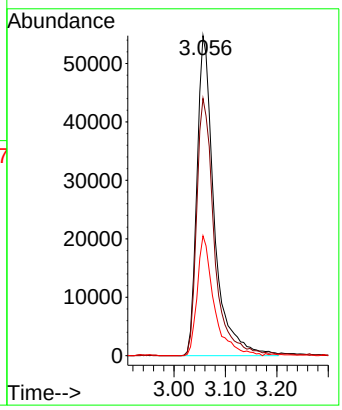
Tgt Ion: 53 Resp: 12780

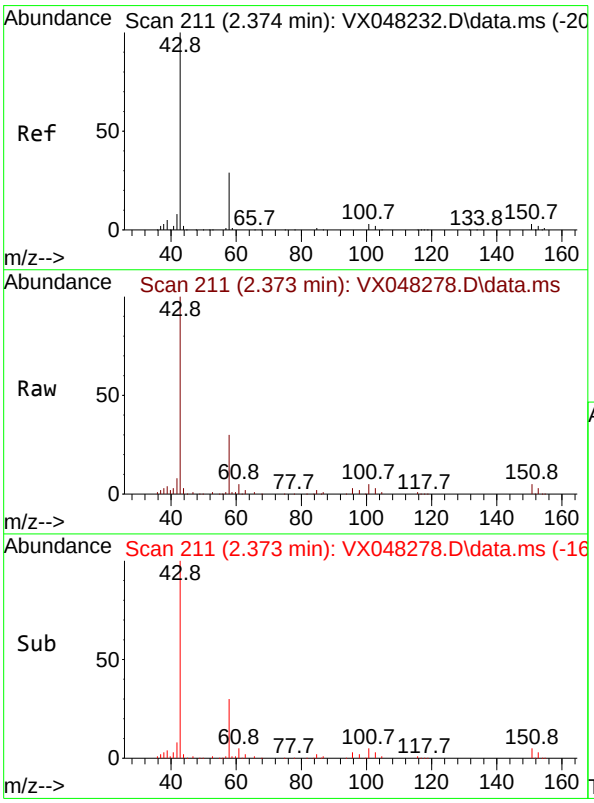
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	36.7	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

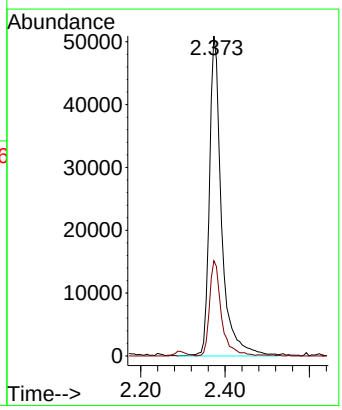


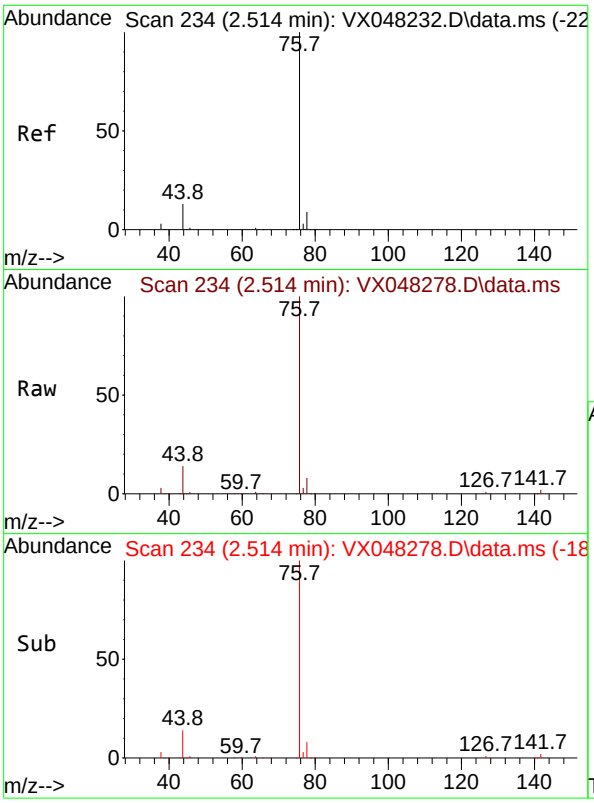


#16
Acetone
Concen: 191.905 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 101775

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.4	35.2

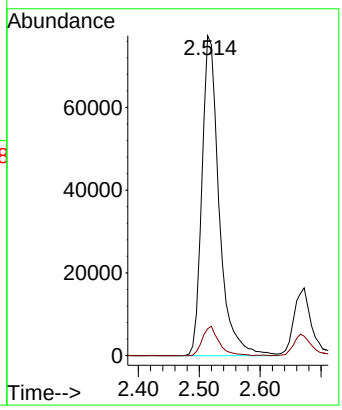




#17
Carbon Disulfide
Concen: 41.561 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 76 Resp: 15162

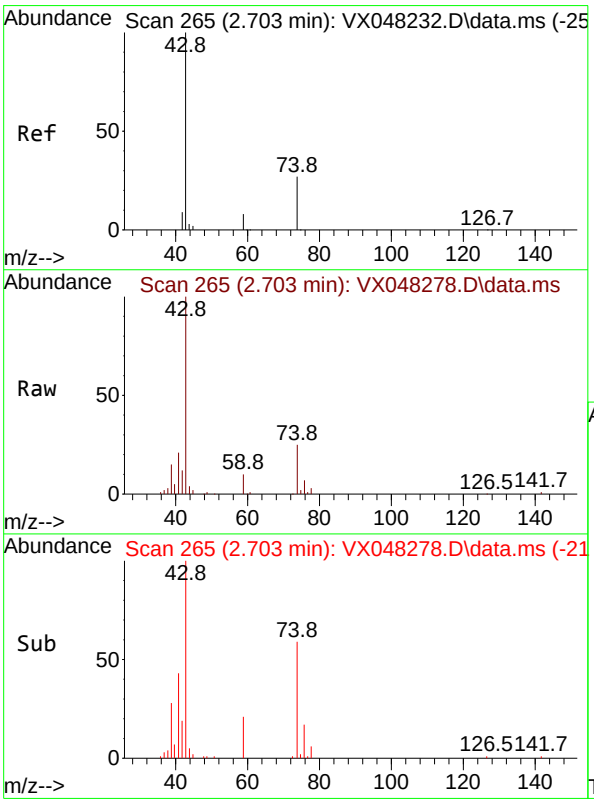
Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

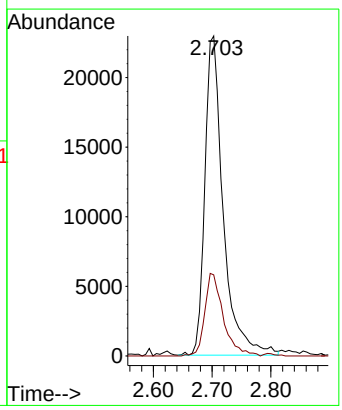
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

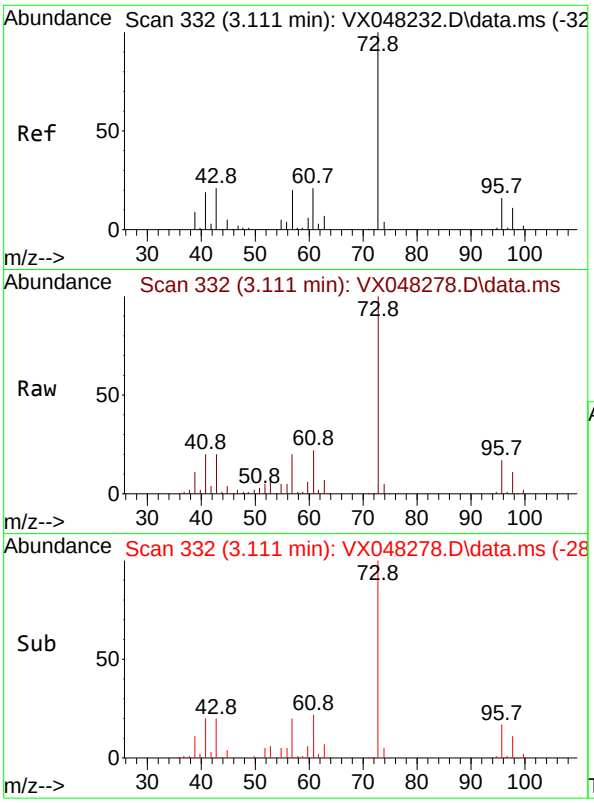


#18
Methyl Acetate
Concen: 44.941 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 49775

Ion	Ratio	Lower	Upper
43	100		
74	26.1	17.5	26.3





#19
Methyl tert-butyl Ether
Concen: 48.837 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

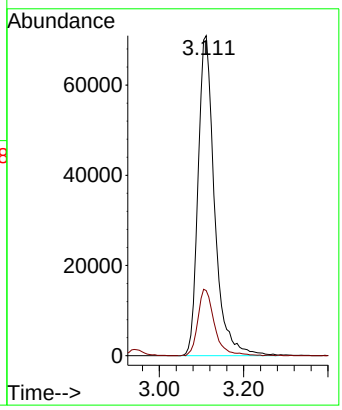
Tgt Ion: 73 Resp: 19286

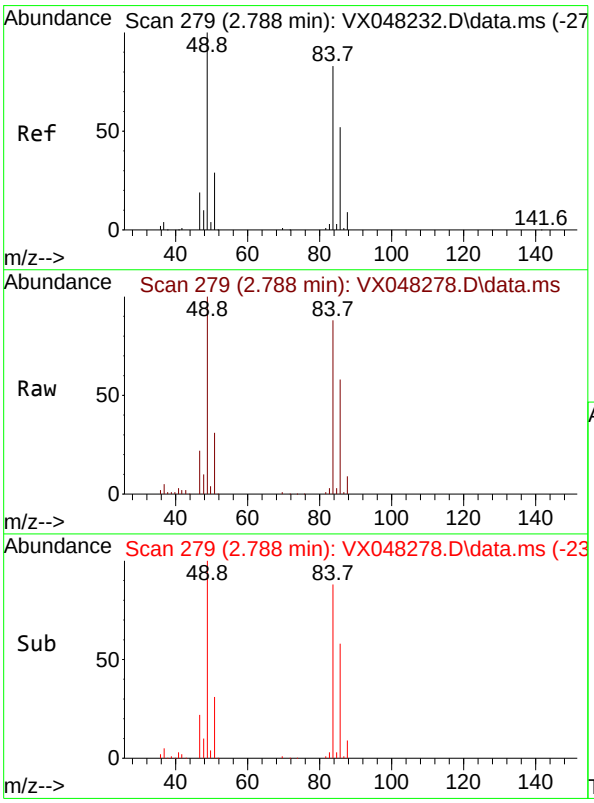
Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

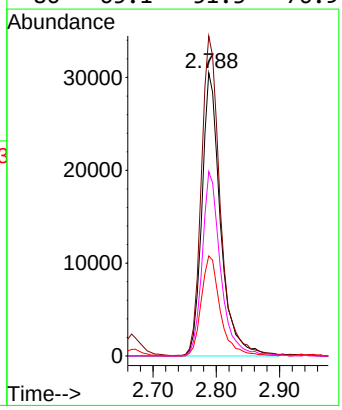


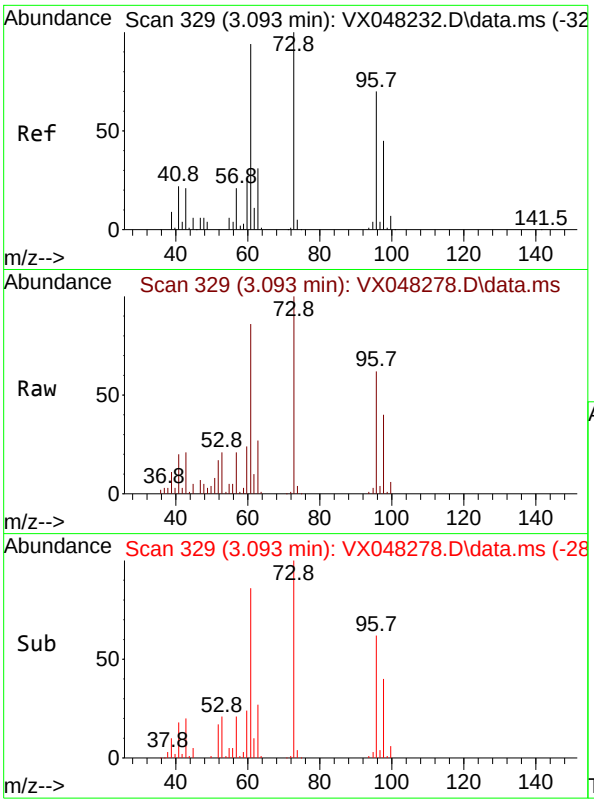


#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 84 Resp: 62187

Ion	Ratio	Lower	Upper
84	100		
49	112.8	104.1	156.1
51	35.3	31.3	46.9
86	65.1	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 46.571 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

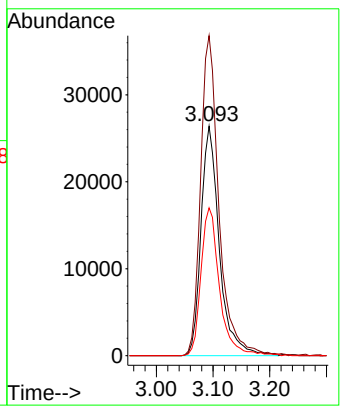
Tgt Ion: 96 Resp: 5921

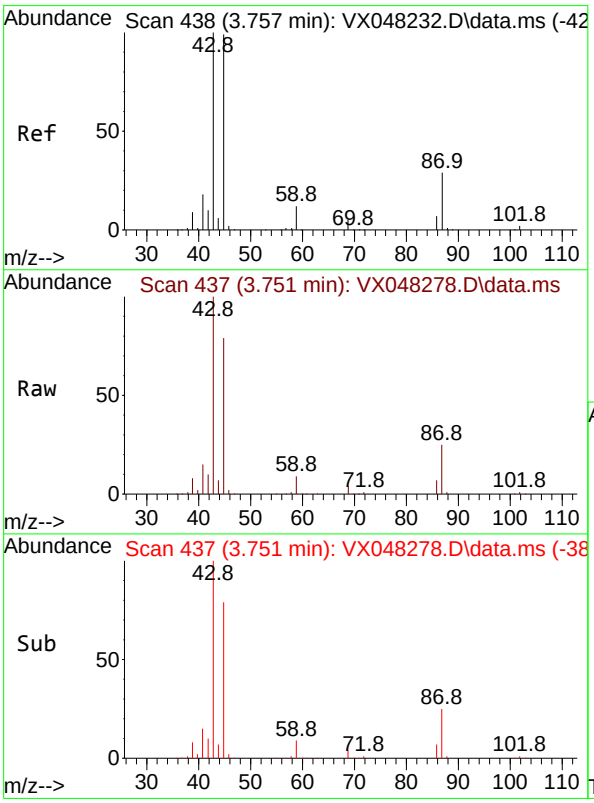
Ion	Ratio	Lower	Upper
96	100		
61	139.4	111.9	167.9
98	64.4	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

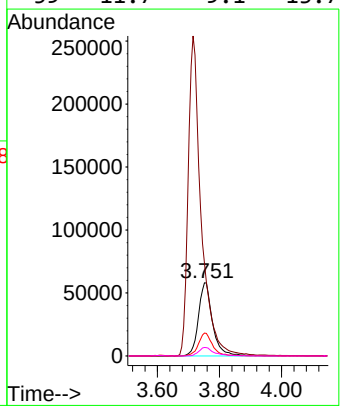


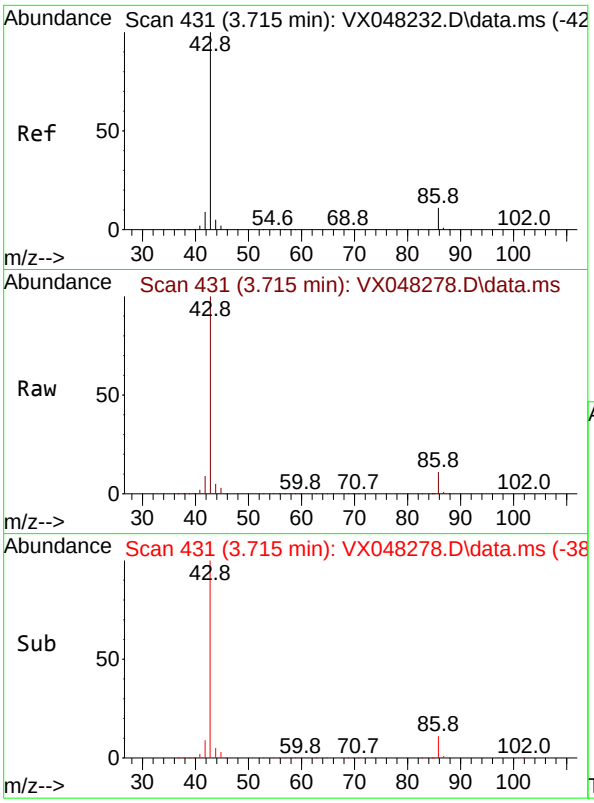


#22
Diisopropyl ether
Concen: 47.827 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 45 Resp: 183332

Ion	Ratio	Lower	Upper
45	100		
43	126.5	89.8	134.8
87	31.3	20.6	31.0#
59	11.7	9.1	13.7





#23
Vinyl Acetate
Concen: 242.501 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 74254

Ion	Ratio	Lower	Upper
43	100		
86	11.5	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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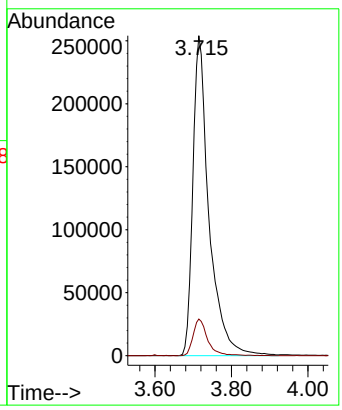
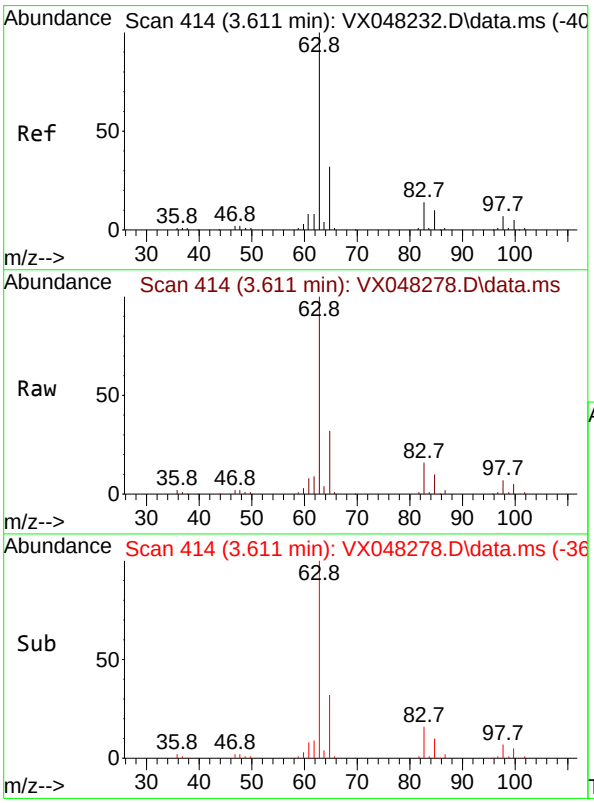
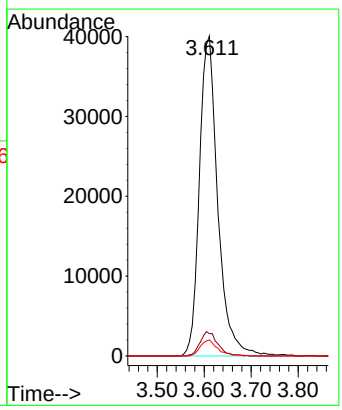


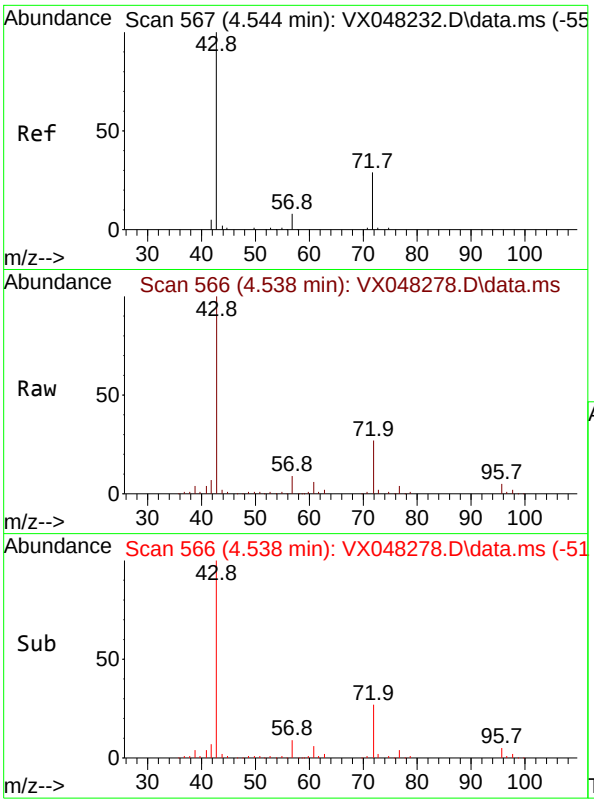


#24
1,1-Dichloroethane
Concen: 46.973 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 63 Resp: 108877

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	5.0	2.1	6.3





#25
2-Butanone
Concen: 215.374 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 14457

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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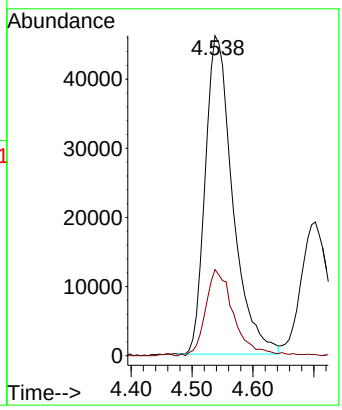
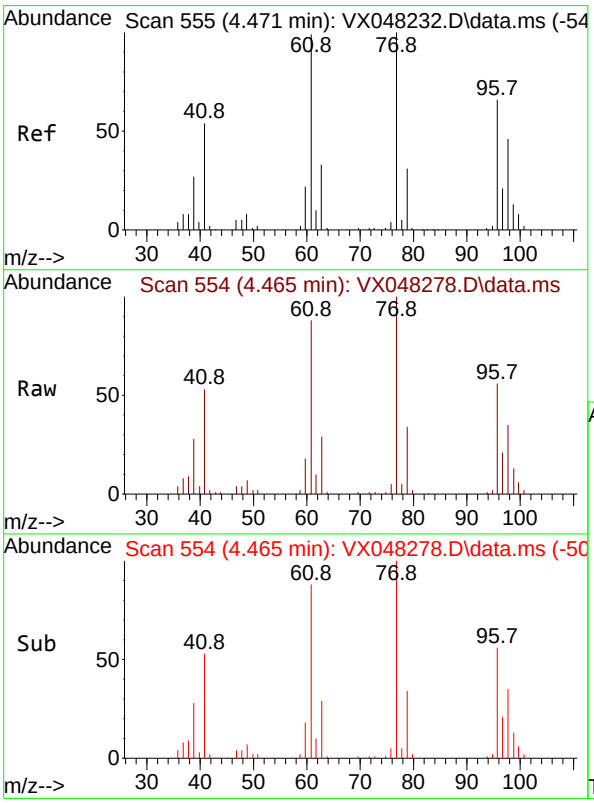
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

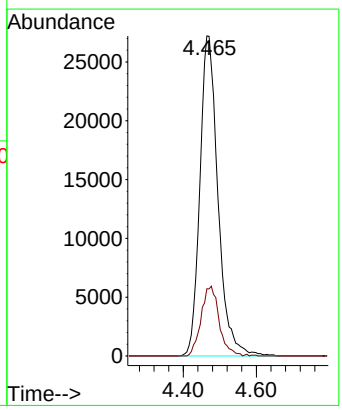


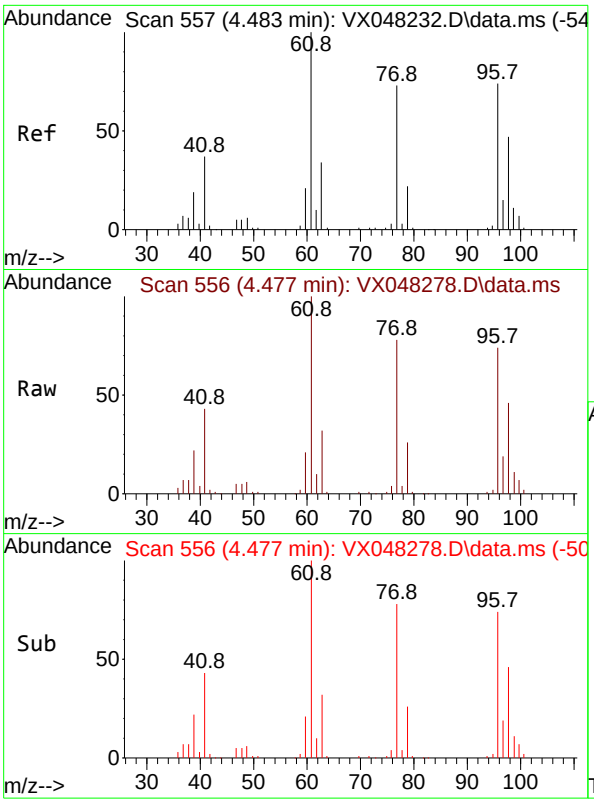


#26
2,2-Dichloropropane
Concen: 44.766 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 77 Resp: 93655

Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

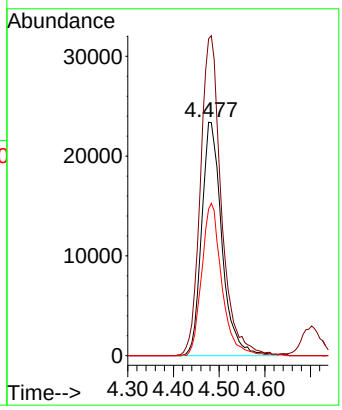
Tgt Ion: 96 Resp: 7191

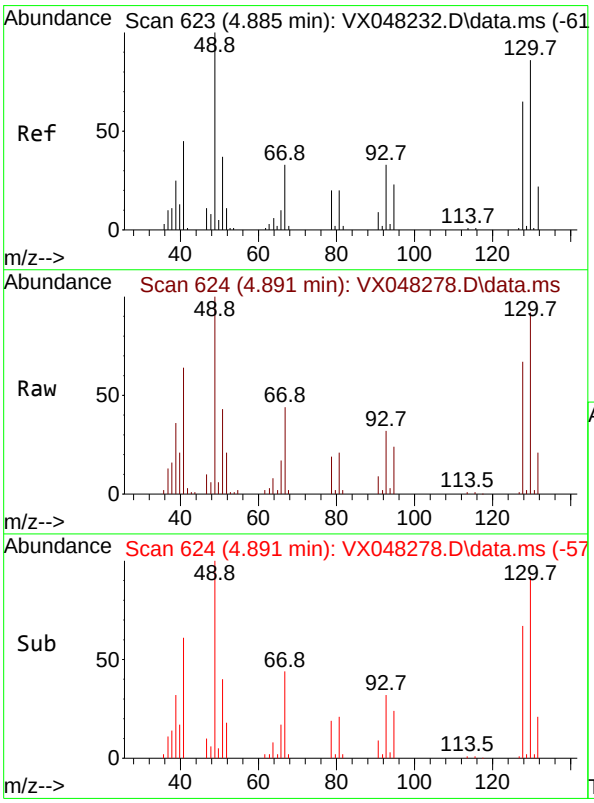
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	294.2
98	64.3	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

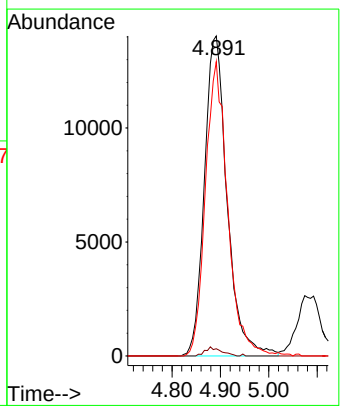


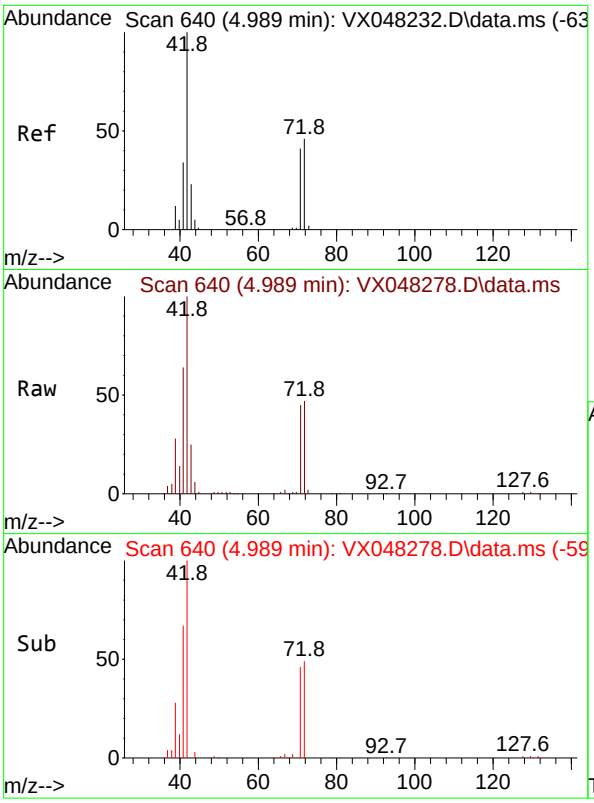


#28
Bromochloromethane
Concen: 47.680 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 49 Resp: 45824

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	90.3	59.3	88.9#





#29
Tetrahydrofuran
Concen: 218.490 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

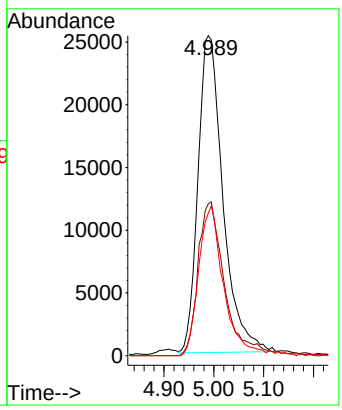
Tgt Ion: 42 Resp: 8783

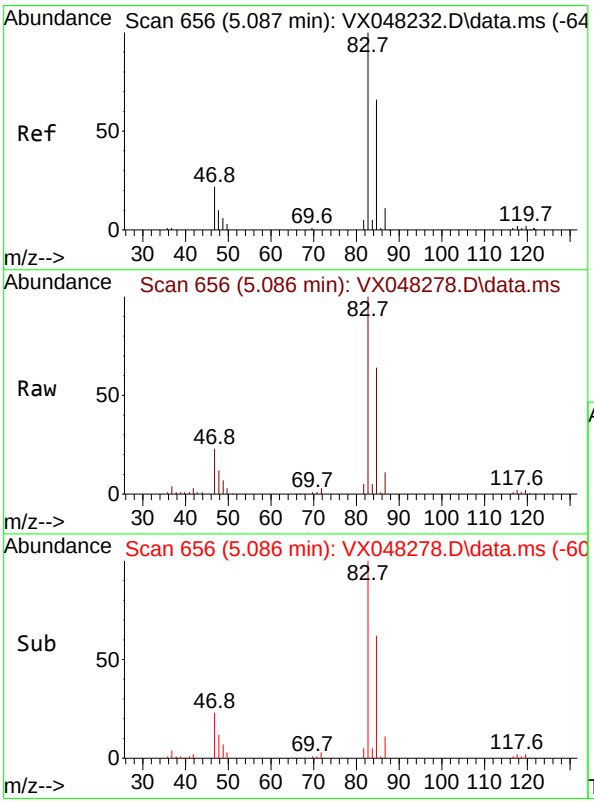
Ion	Ratio	Lower	Upper
42	100		
72	51.8	35.3	52.9
71	46.7	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

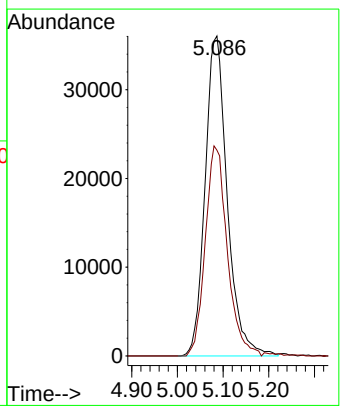


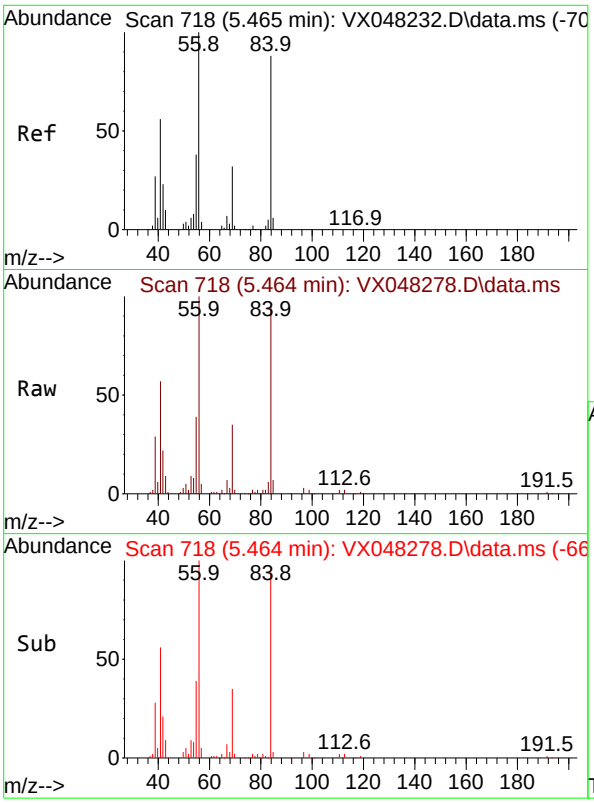


#30
Chloroform
Concen: 49.137 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 121680

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1

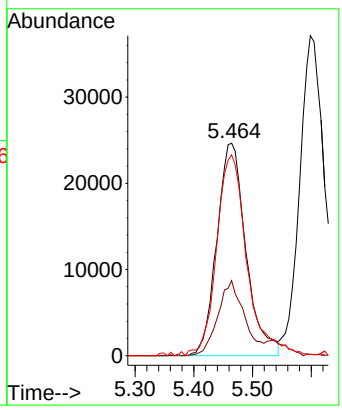




#31
Cyclohexane
Concen: 44.238 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 56 Resp: 8489

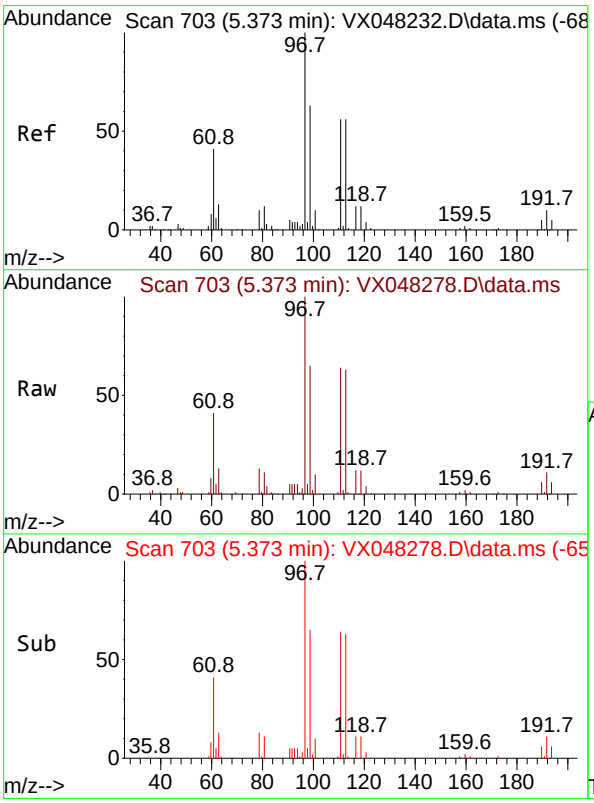
Ion	Ratio	Lower	Upper
56	100		
69	34.7	23.0	34.6
84	94.2	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

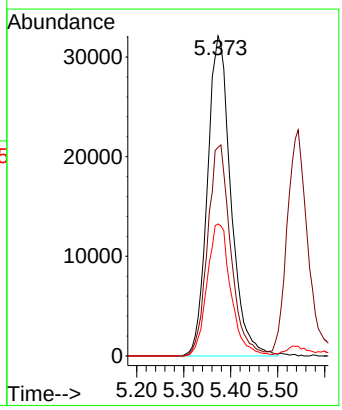
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

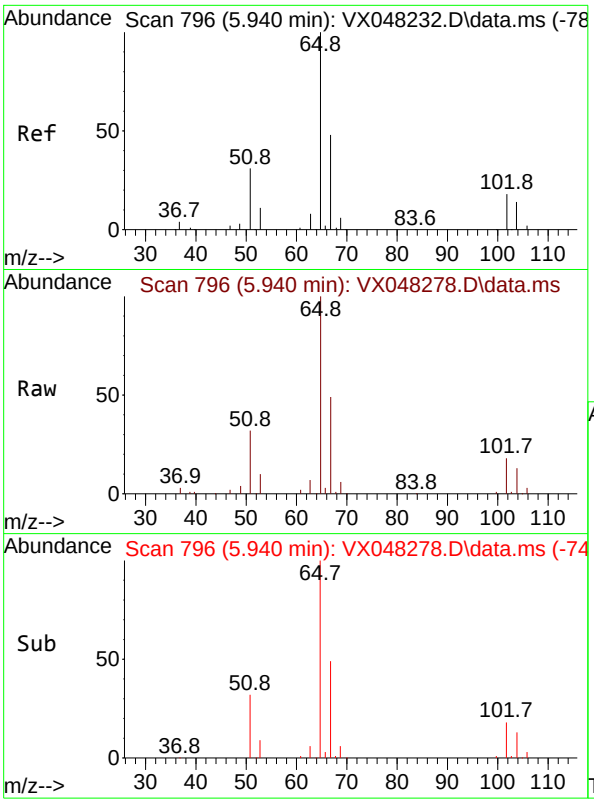


#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 97 Resp: 111254

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	41.9	34.8	52.2





#33
1,2-Dichloroethane-d4
Concen: 56.153 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 65 Resp: 8680

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	105.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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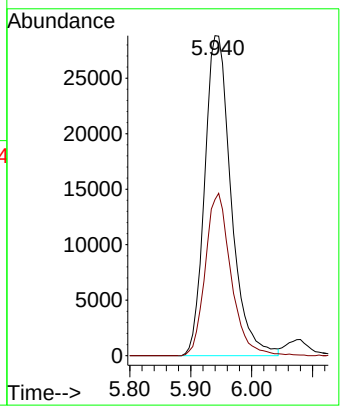
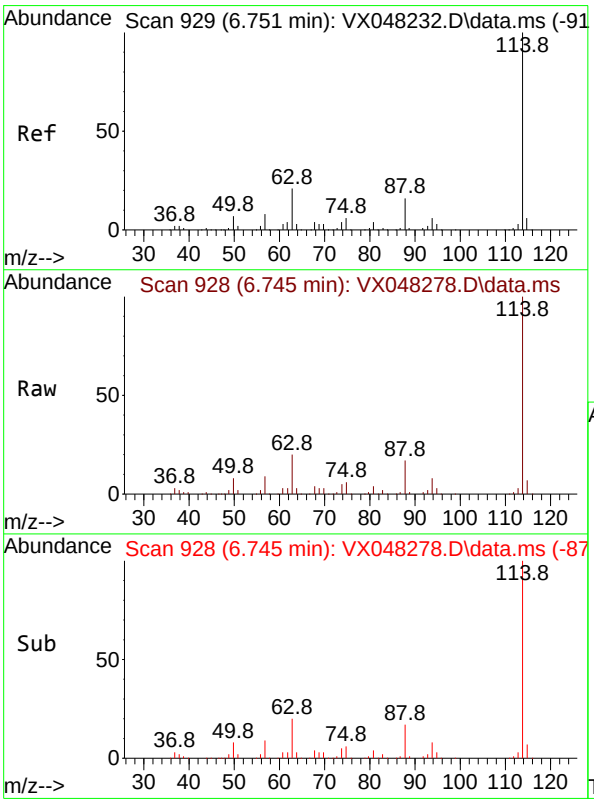
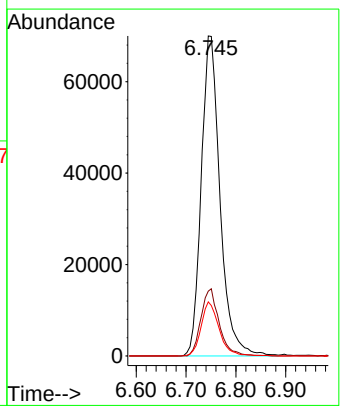


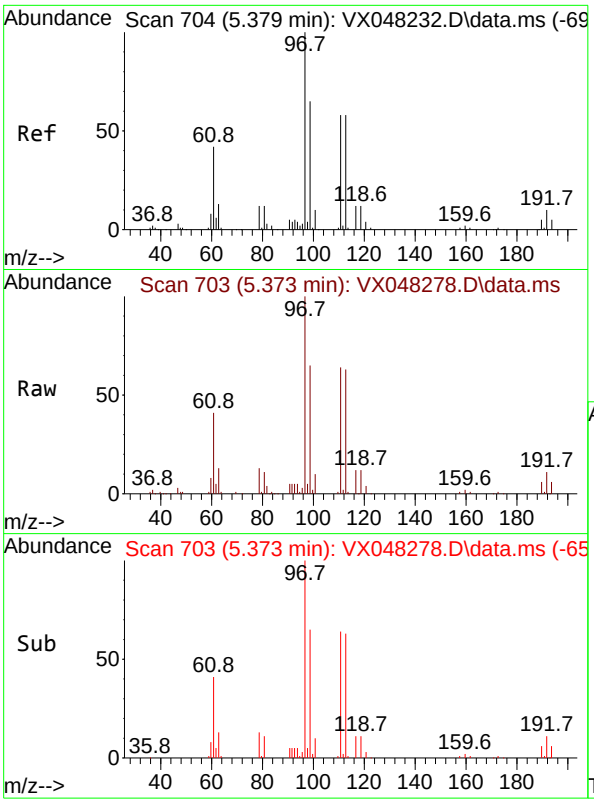


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:114 Resp: 183155

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	16.9	0.0	33.6

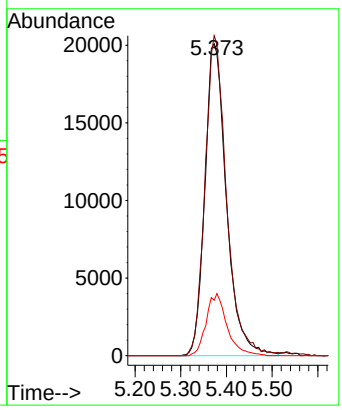




#35
Dibromofluoromethane
Concen: 52.800 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:113 Resp: 6602

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	19.3	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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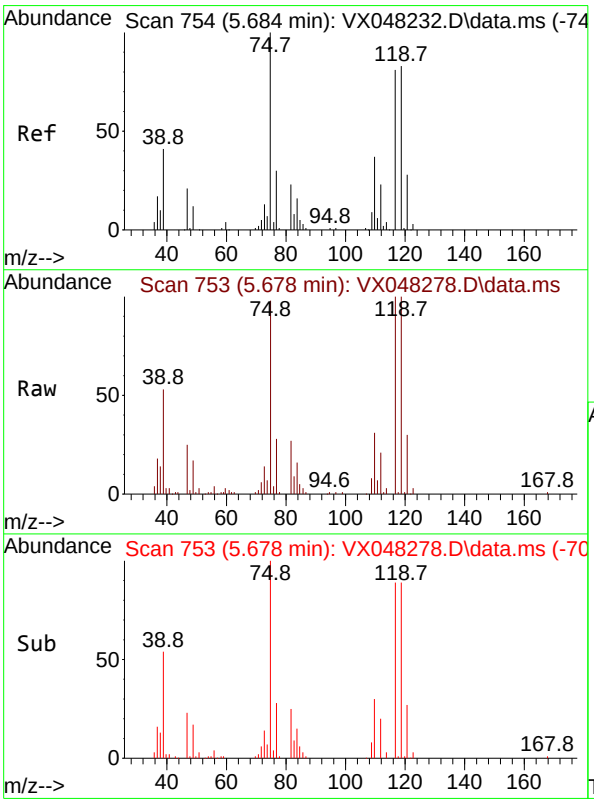
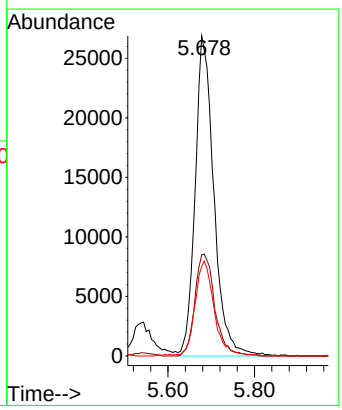
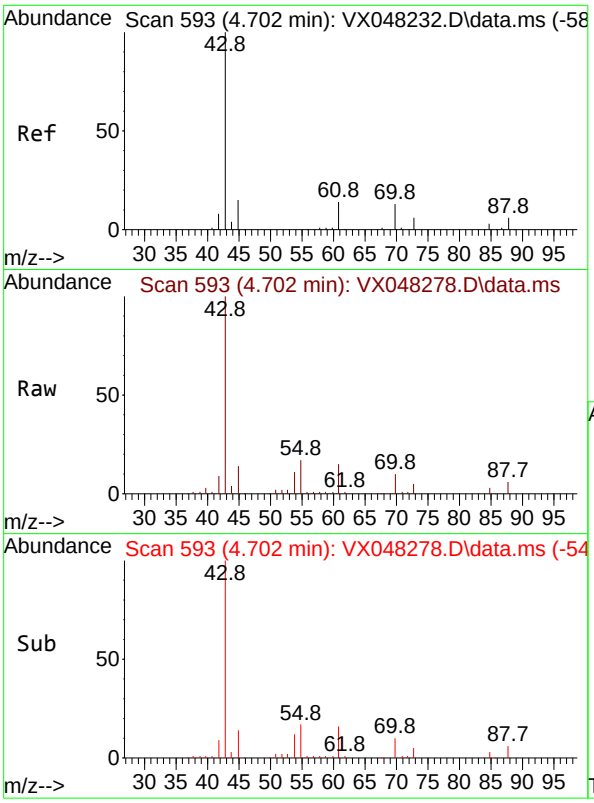


#36
1,1-Dichloropropene
Concen: 45.371 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 80634

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.7	53.1
77	30.2	24.3	36.5

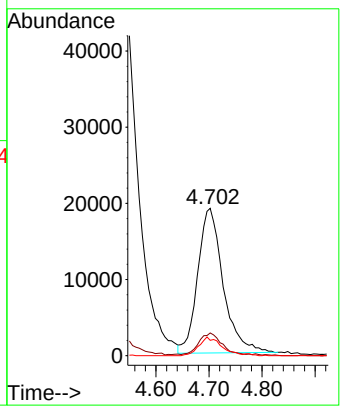




#37
Ethyl Acetate
Concen: 42.851 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 6312

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	11.2	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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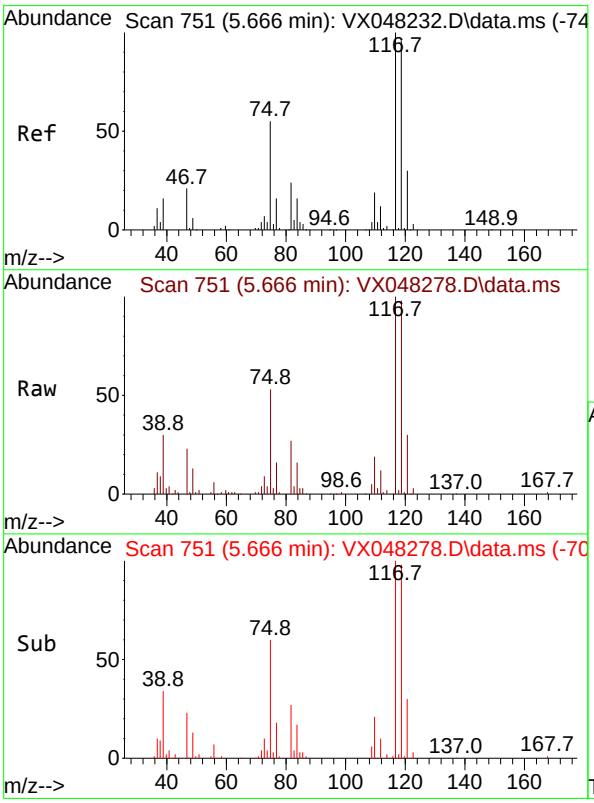
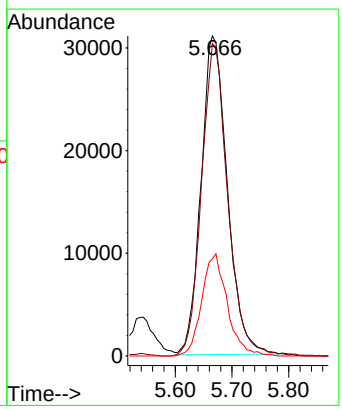
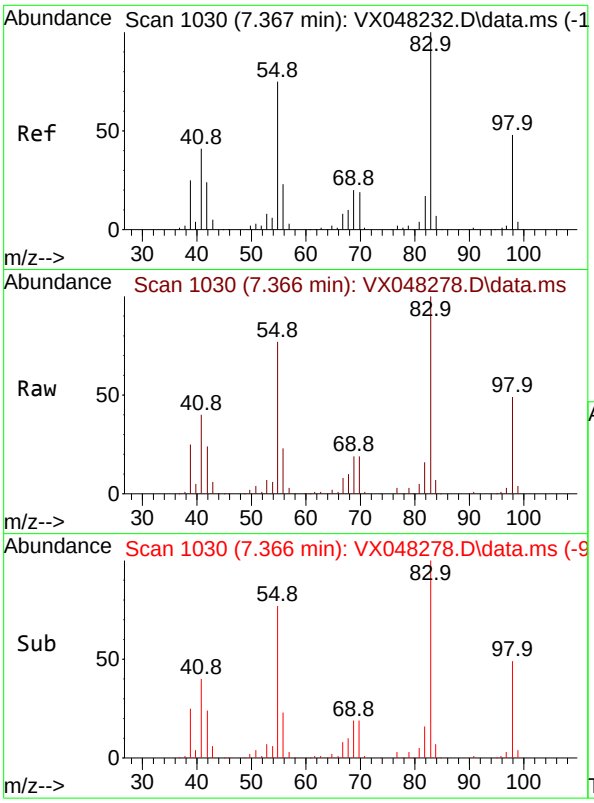


#38
Carbon Tetrachloride
Concen: 45.671 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 100140

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.2	115.8
121	30.6	24.8	37.2

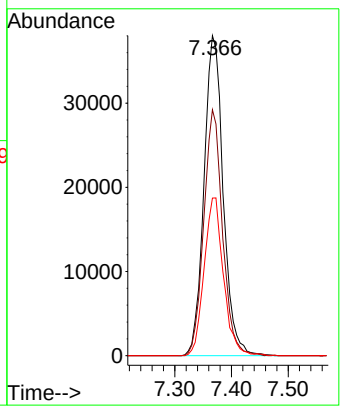




#39
Methylcyclohexane
Concen: 42.670 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 8956

Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.2	99.2
98	49.2	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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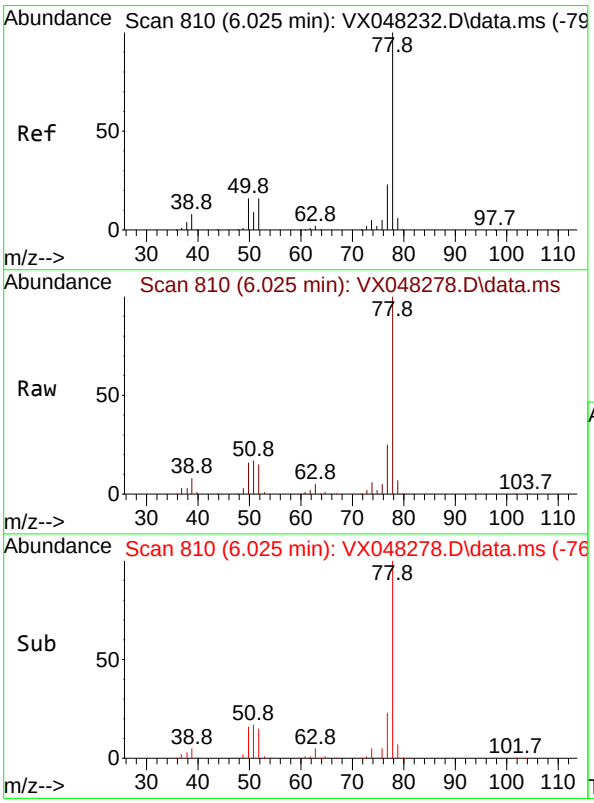
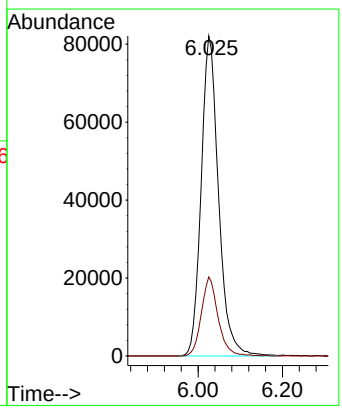
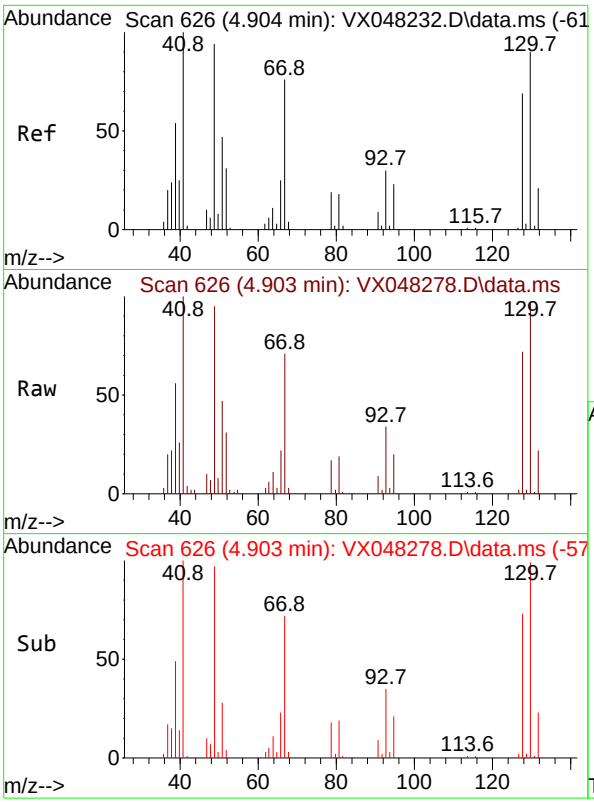


#40
Benzene
Concen: 45.621 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 78 Resp: 235395

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

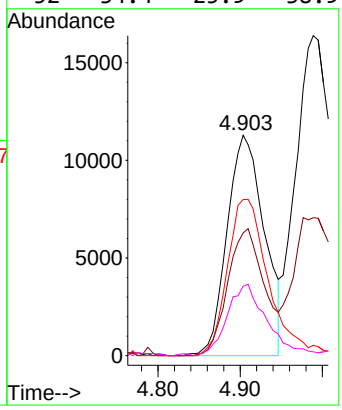




#41
Methacrylonitrile
Concen: 45.945 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 3554

Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.0	66.0
67	78.6	58.7	88.1
52	34.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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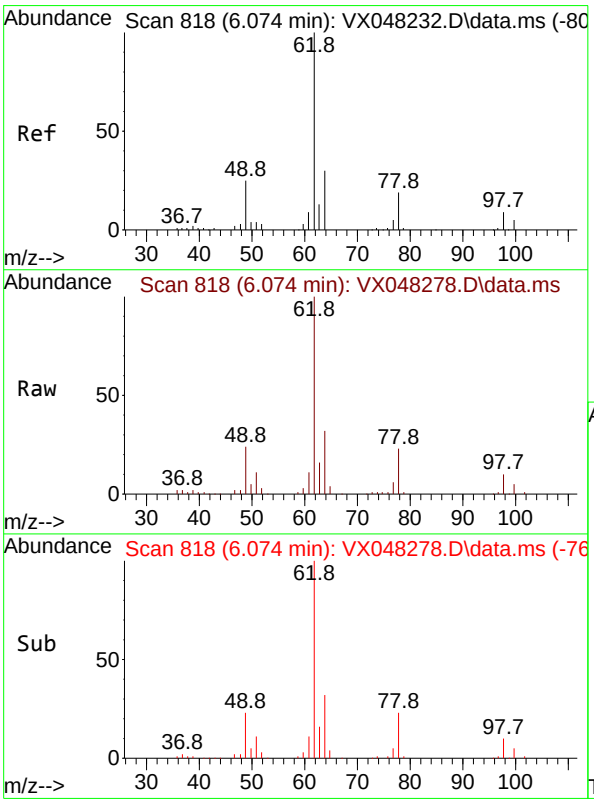
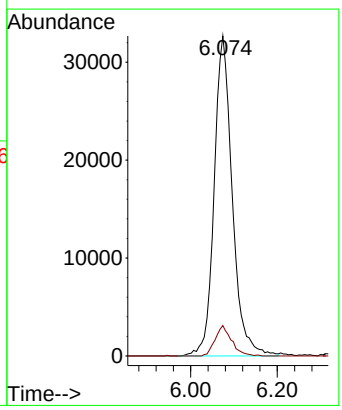
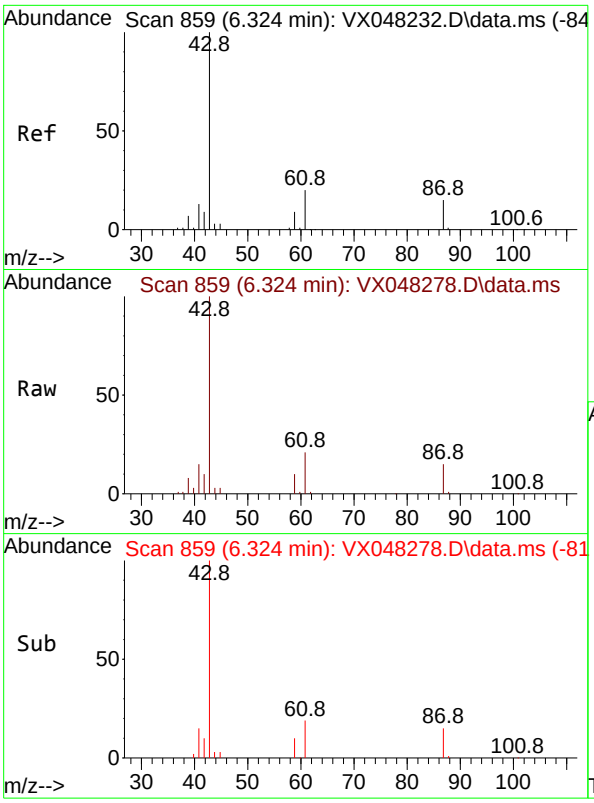


#42
1,2-Dichloroethane
Concen: 49.906 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 62 Resp: 95021

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43
Isopropyl Acetate
Concen: 45.374 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 10979

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.4	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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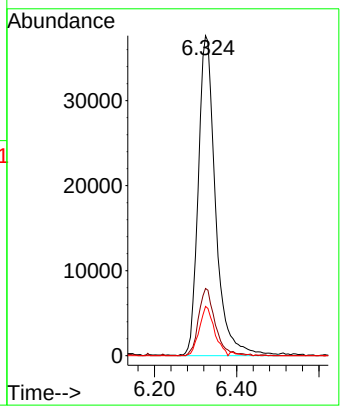
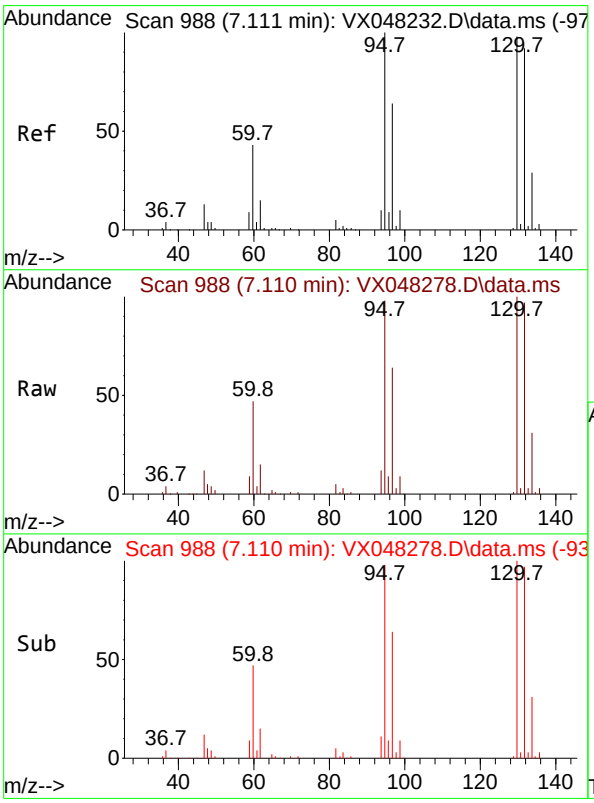
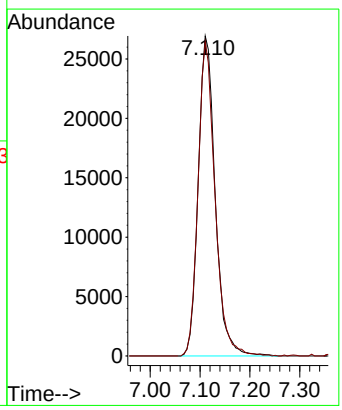


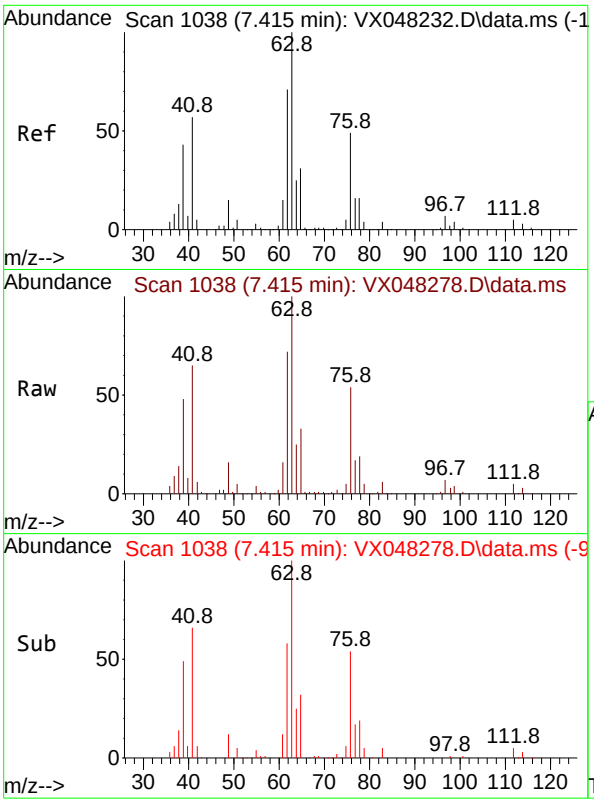


#44
Trichloroethene
Concen: 46.735 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:130 Resp: 63675

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	200.6





#45
1,2-Dichloropropane
Concen: 46.474 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 63 Resp: 5701

Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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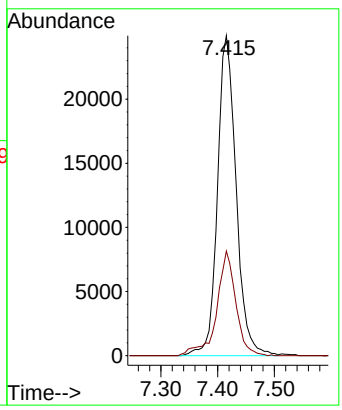
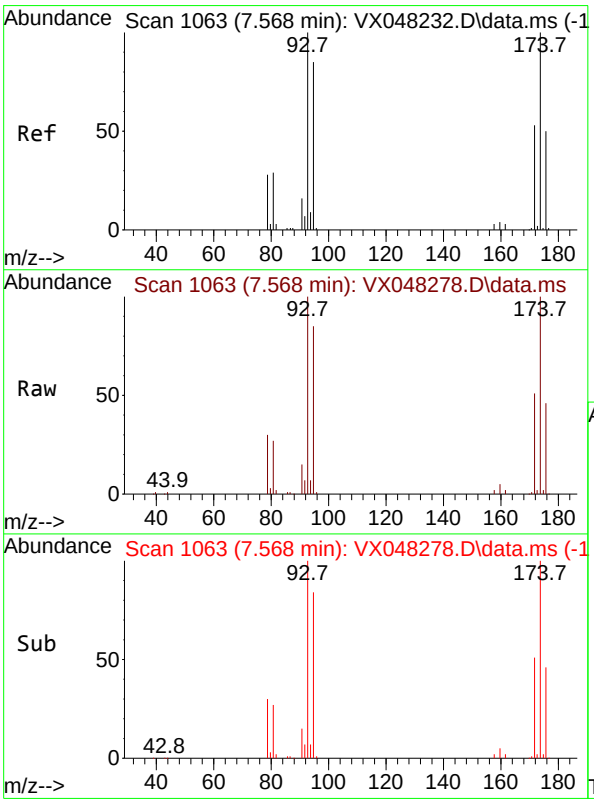
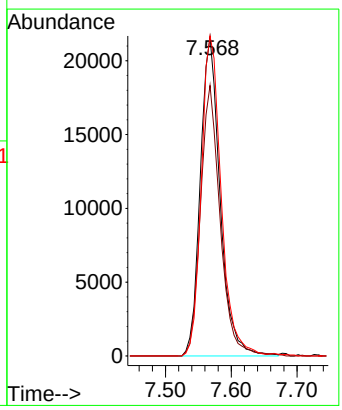


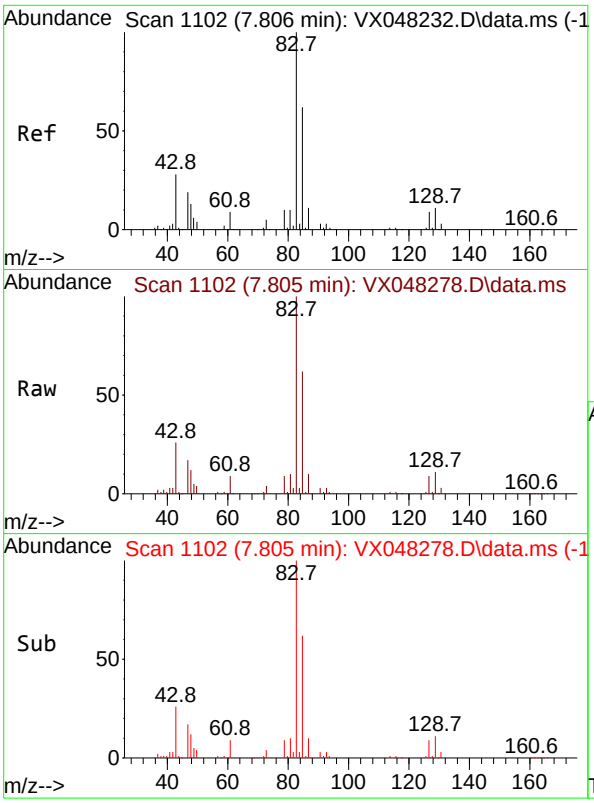


#46
Dibromomethane
Concen: 47.155 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 93 Resp: 45069

Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.9	98.9
174	101.0	71.7	107.5





#47
Bromodichloromethane
Concen: 48.404 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 9988

Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.2	78.4
127	8.6	7.3	10.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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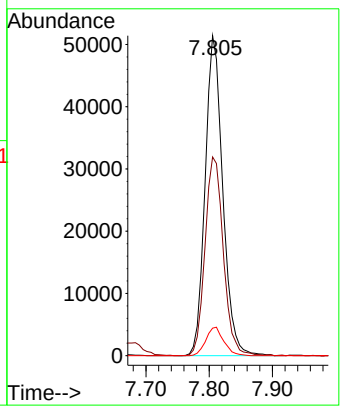
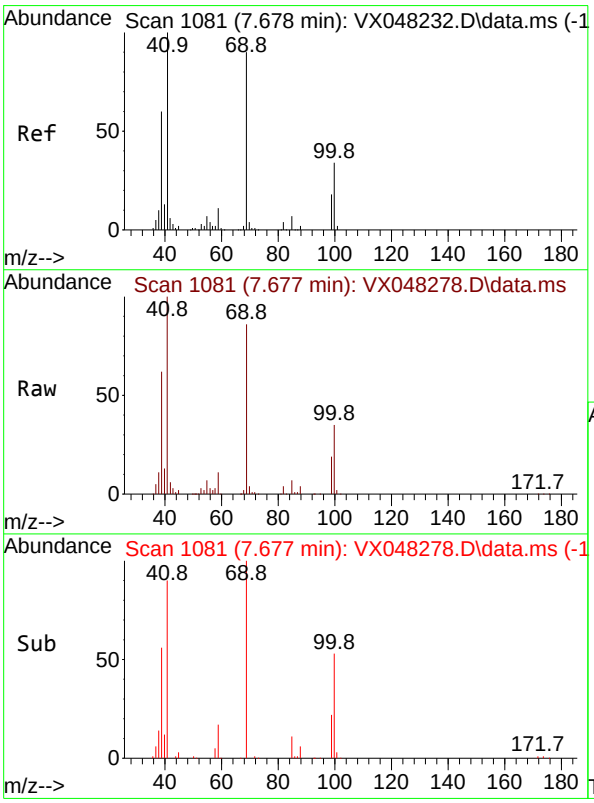
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

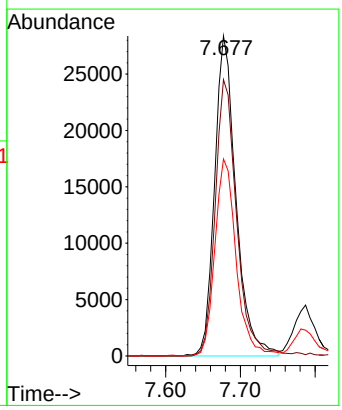


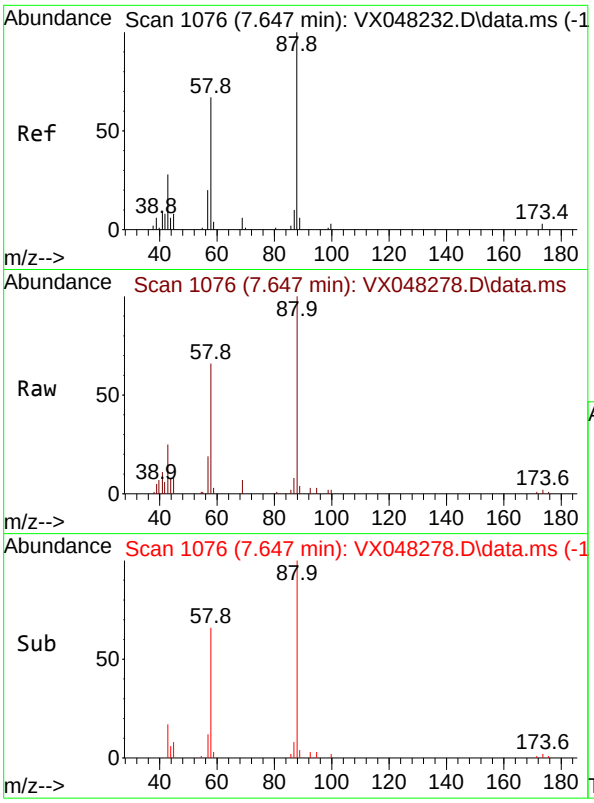


#48
Methyl methacrylate
Concen: 46.243 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 56463

Ion	Ratio	Lower	Upper
41	100		
69	86.7	63.4	95.0
39	61.4	47.1	70.7





#49
1,4-Dioxane
Concen: 901.119 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 88 Resp: 1453

Ion	Ratio	Lower	Upper
88	100		
43	37.8	35.0	52.4
58	66.5	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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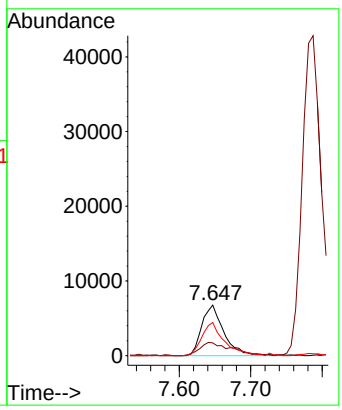
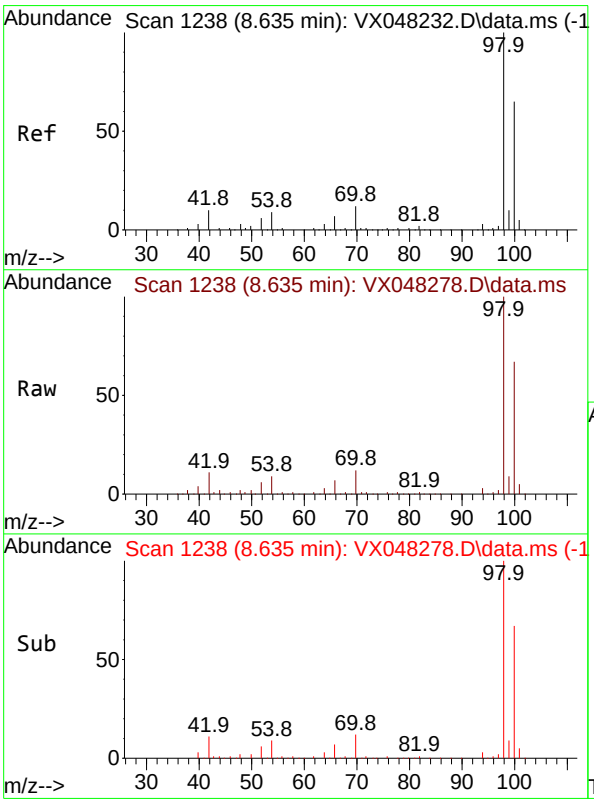
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

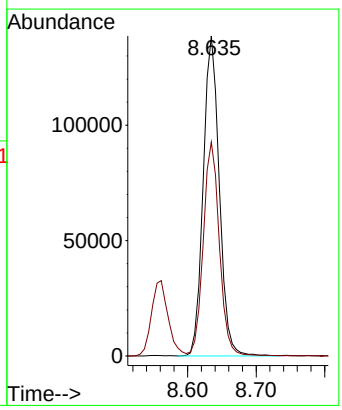


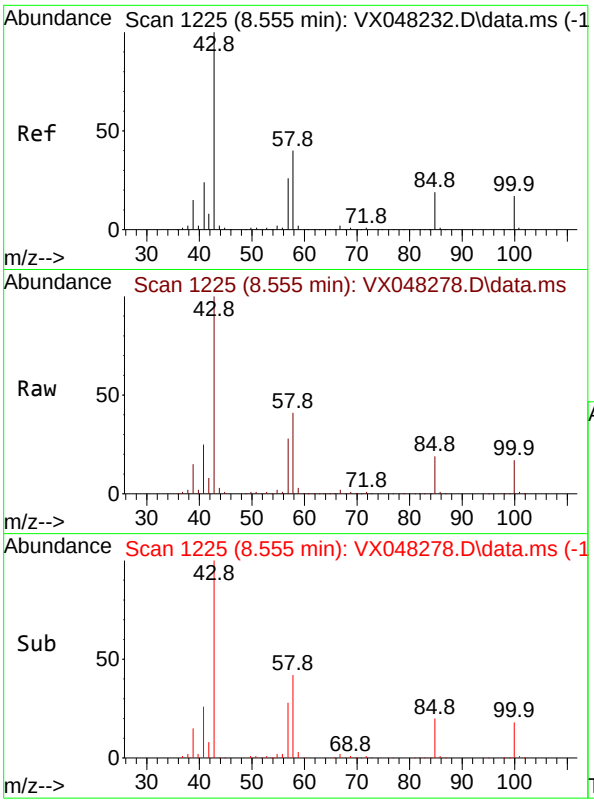


#50
Toluene-d8
Concen: 51.716 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 98 Resp: 226656

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

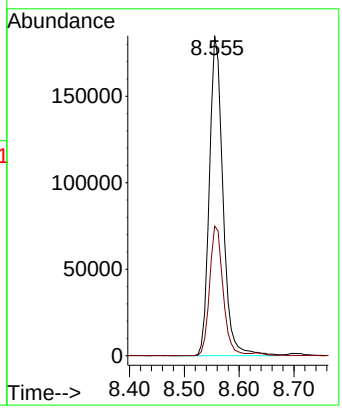




#51
4-Methyl-2-Pentanone
Concen: 227.242 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 31702

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 10/24/2025
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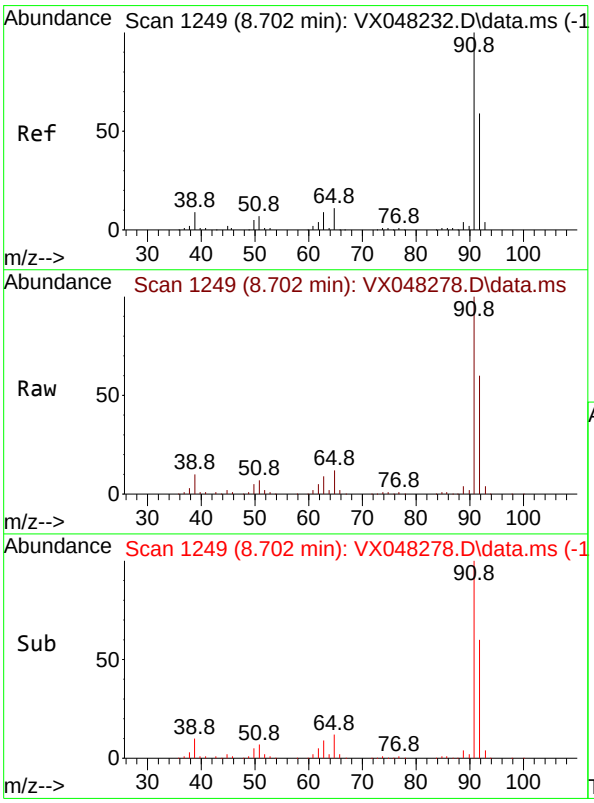
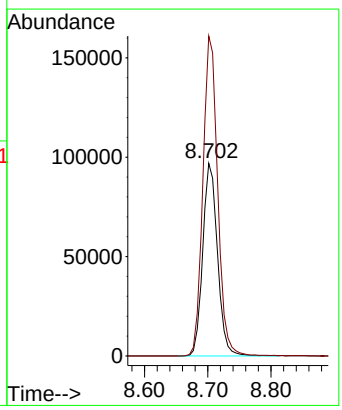
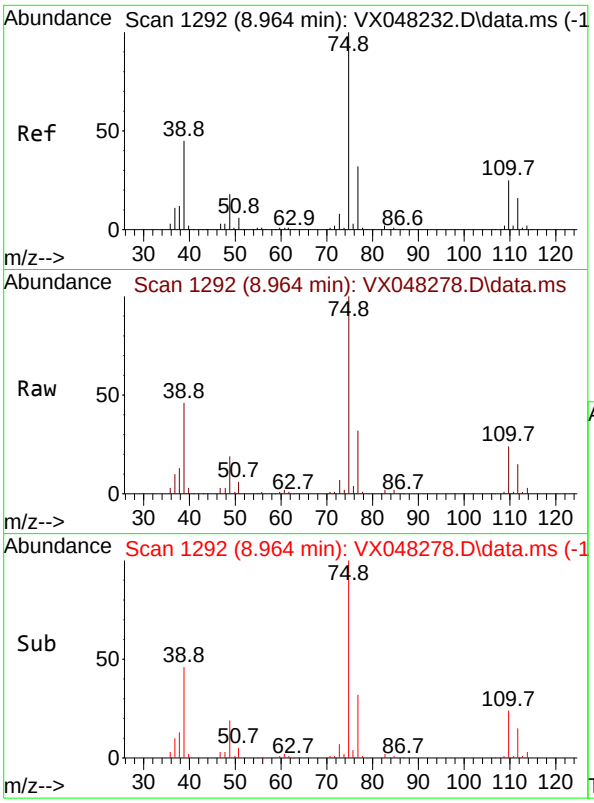


#52
Toluene
Concen: 48.031 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 92 Resp: 157443

Ion	Ratio	Lower	Upper
92	100		
91	166.7	136.1	204.1

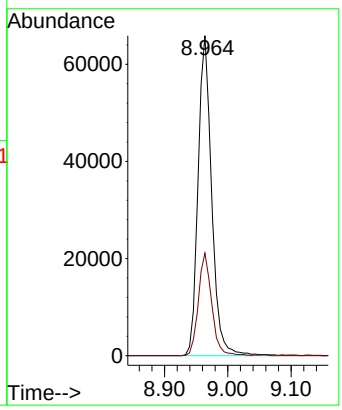




#53
t-1,3-Dichloropropene
Concen: 49.703 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 9884

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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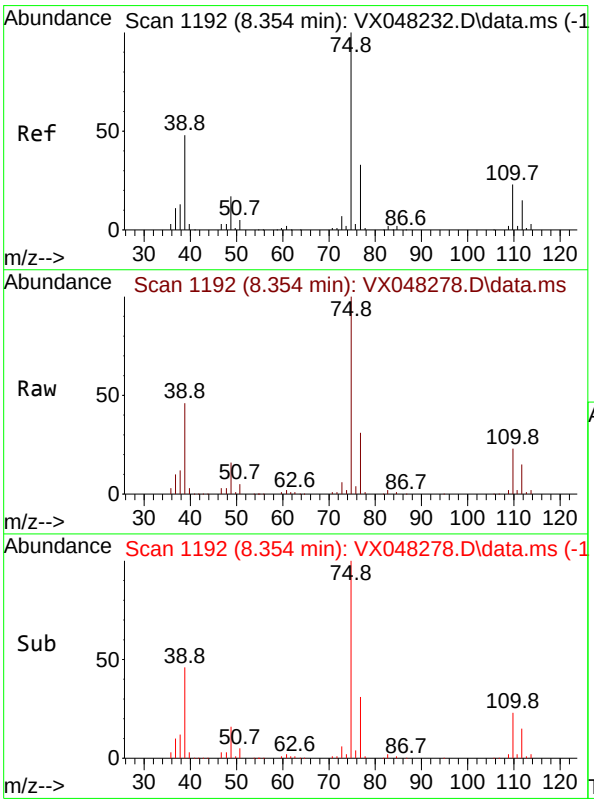
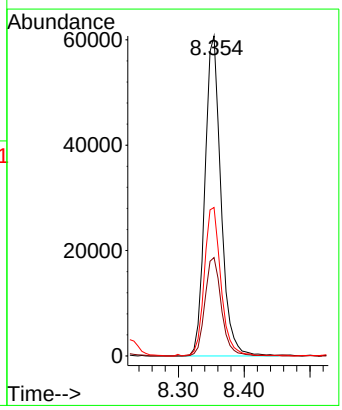
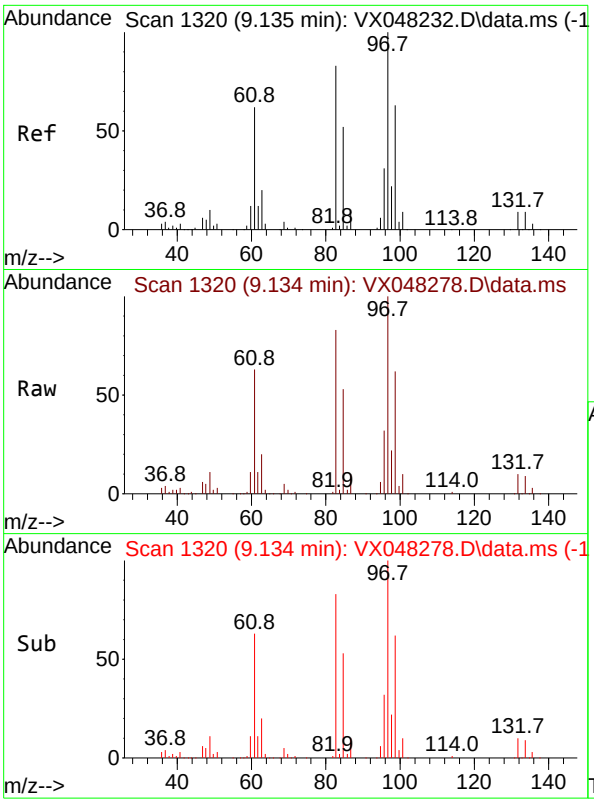


#54
cis-1,3-Dichloropropene
Concen: 47.929 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 102835

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3
39	46.2	42.6	64.0

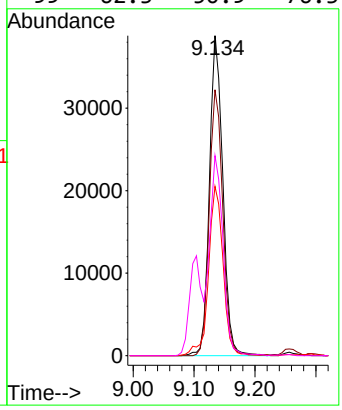




#55
1,1,2-Trichloroethane
Concen: 48.711 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 97 Resp: 5937

Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.6	105.8
85	52.9	45.0	67.6
99	62.3	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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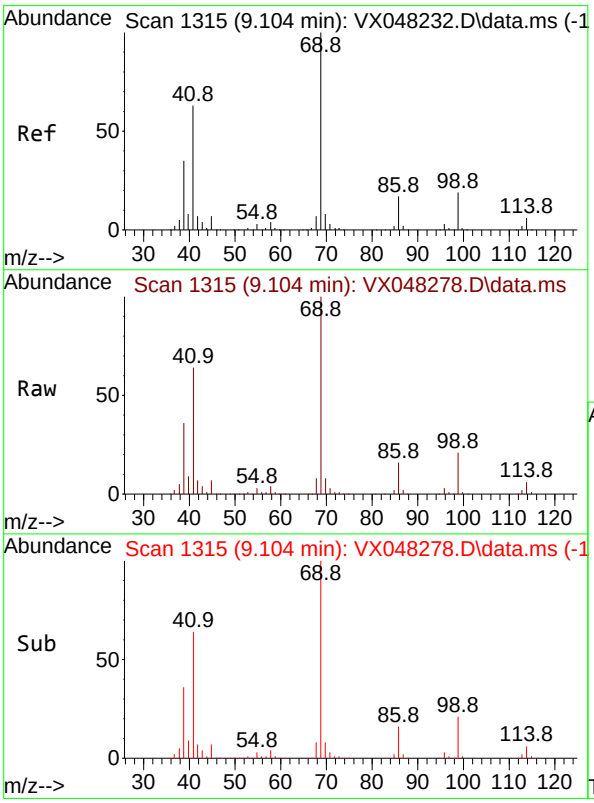
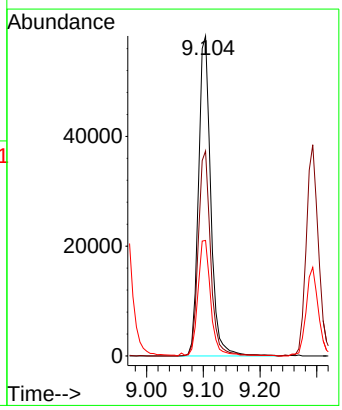
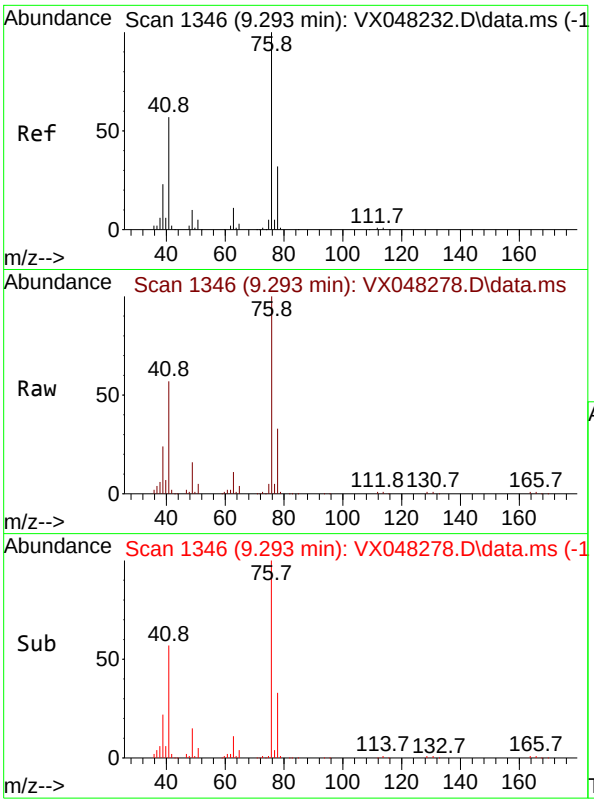


#56
Ethyl methacrylate
Concen: 49.025 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 69 Resp: 87411

Ion	Ratio	Lower	Upper
69	100		
41	64.9	56.0	84.0
39	38.0	31.6	47.4





#57
1,3-Dichloropropane
Concen: 49.295 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 76 Resp: 10264

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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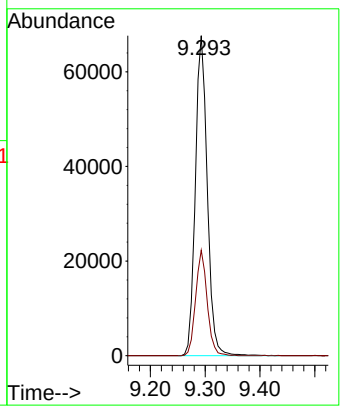
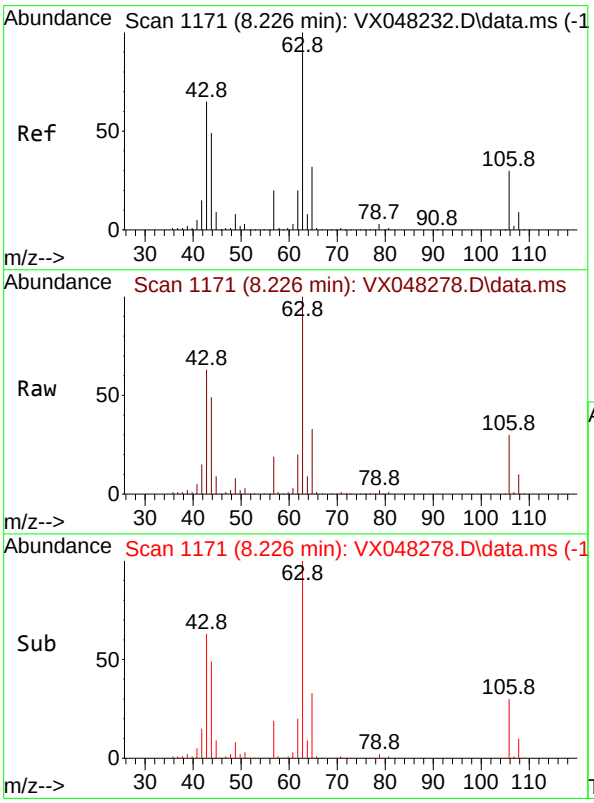
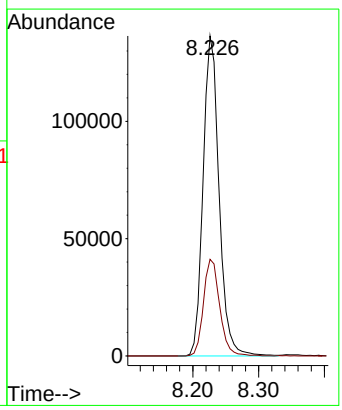


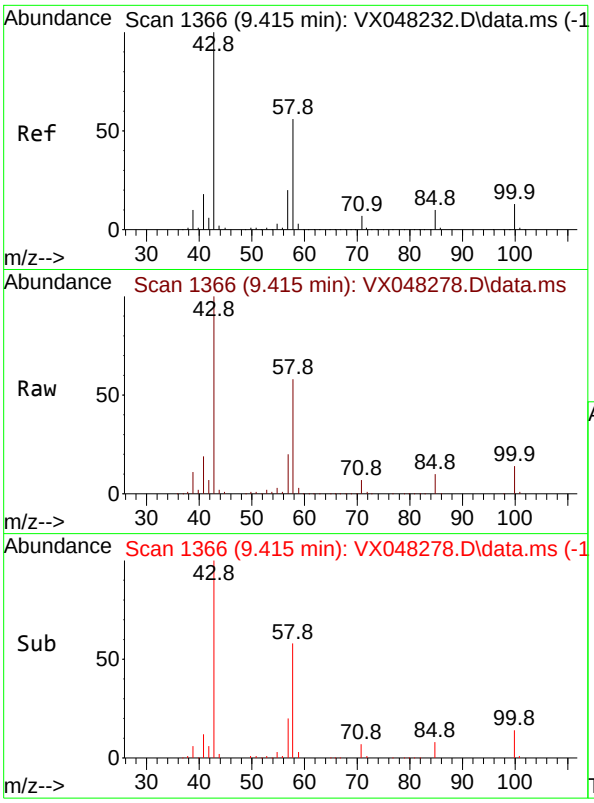


#58
2-Chloroethyl Vinyl ether
Concen: 240.651 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 63 Resp: 230656

Ion	Ratio	Lower	Upper
63	100		
106	30.7	22.2	33.2





#59
2-Hexanone
Concen: 229.287 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 22305

Ion	Ratio	Lower	Upper
43	100		
58	56.4	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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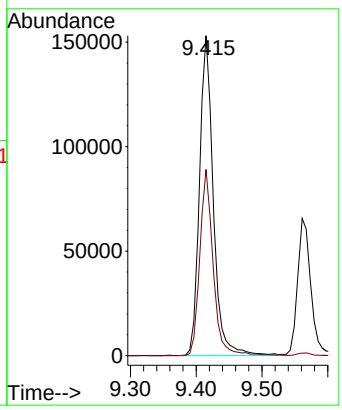
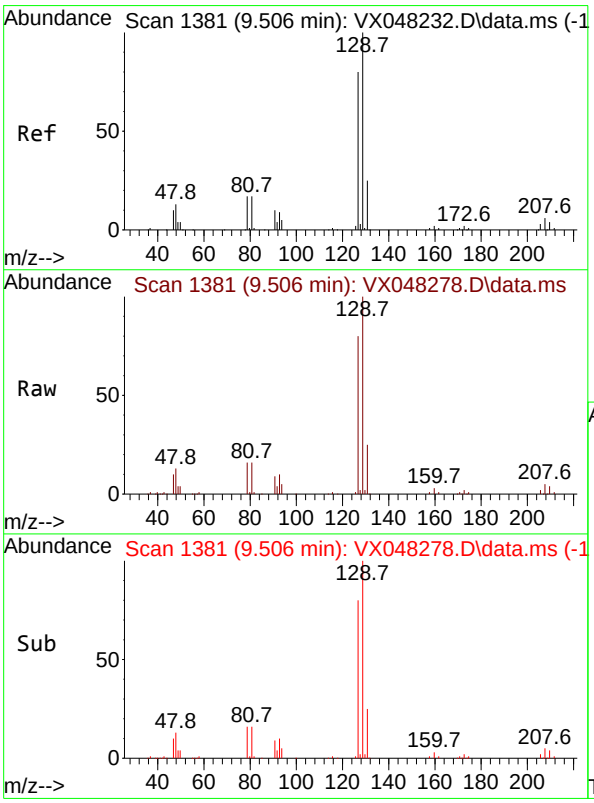
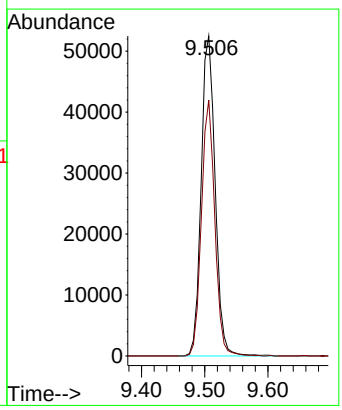


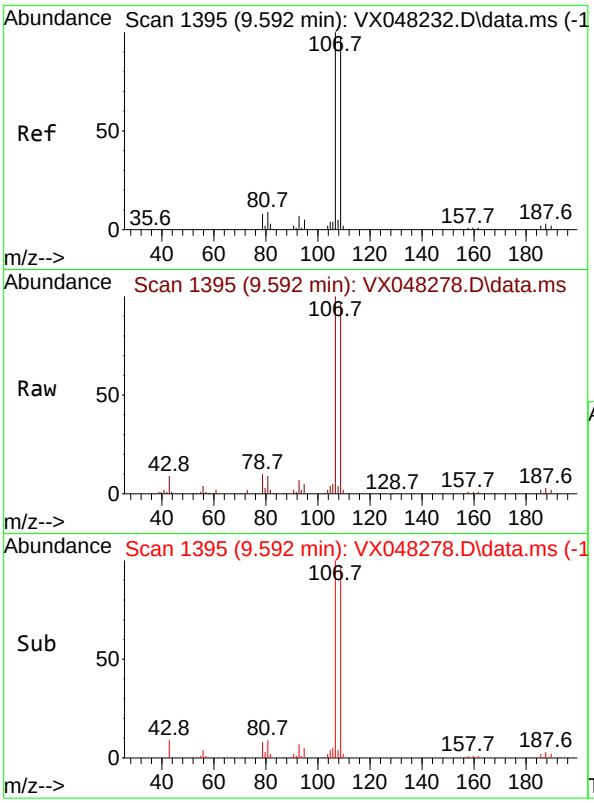


#60
Dibromochloromethane
Concen: 49.293 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:129 Resp: 80763

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.7





#61
1,2-Dibromoethane
Concen: 48.532 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:107 Resp: 6307

Ion	Ratio	Lower	Upper
107	100		
109	94.6	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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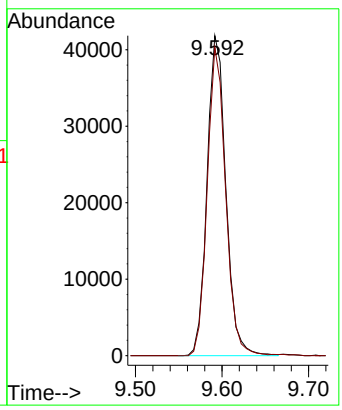
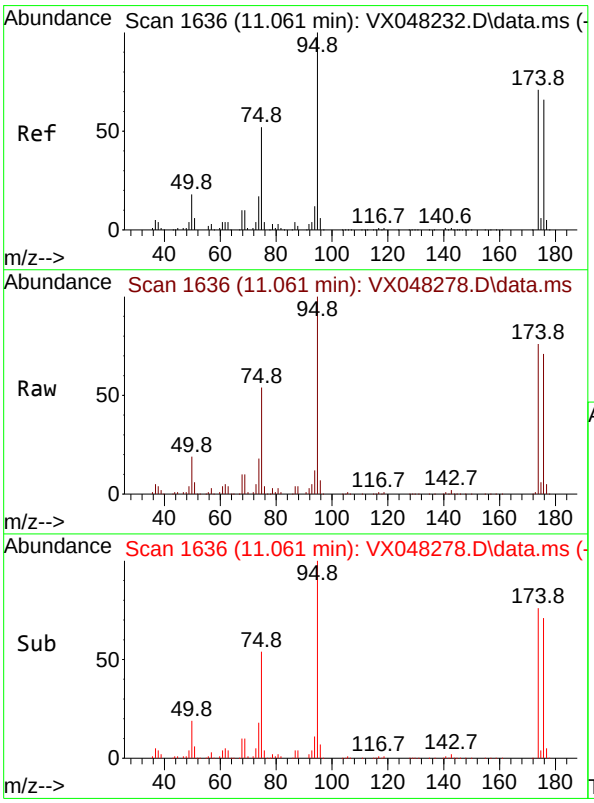
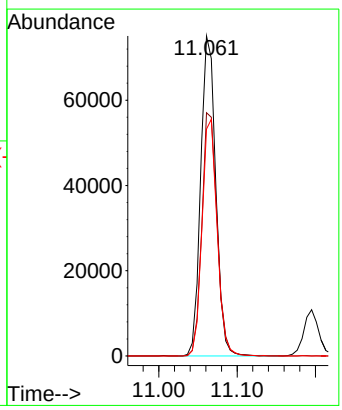


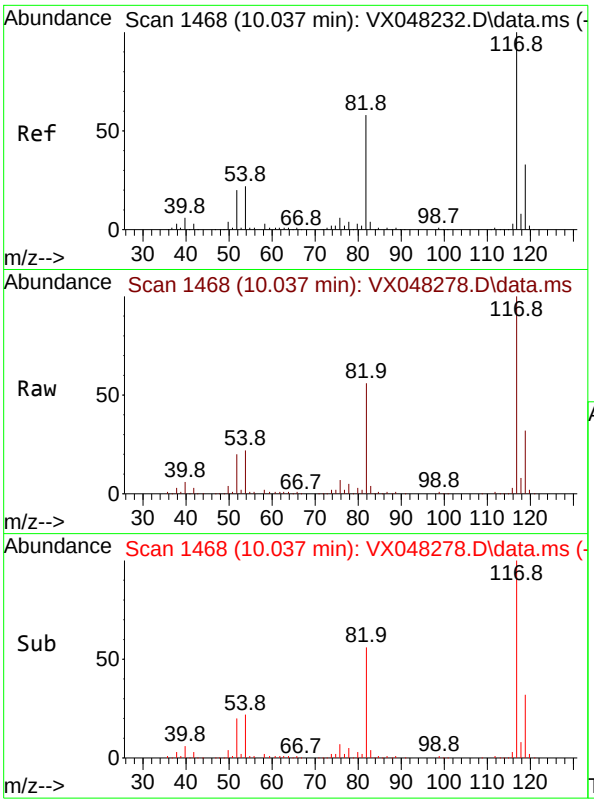


#62
4-Bromofluorobenzene
Concen: 60.121 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 95 Resp: 100241

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	147.8
176	73.9	0.0	142.8

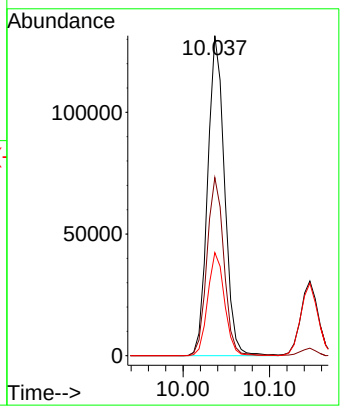




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 17767

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.5	69.7
119	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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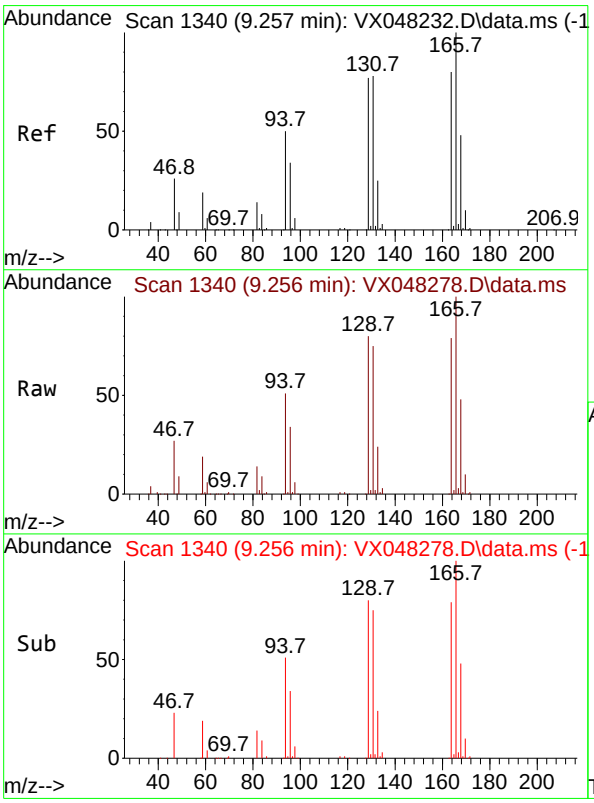
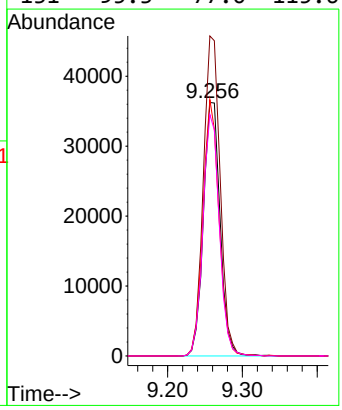
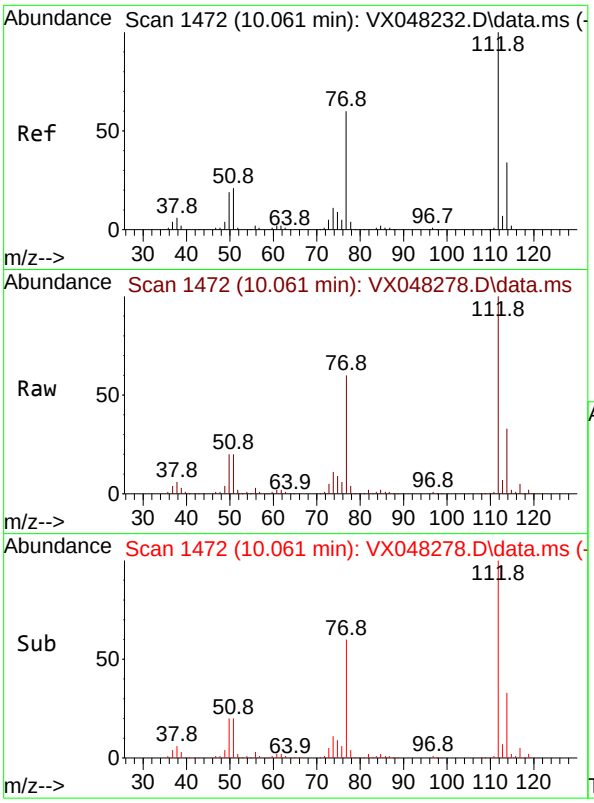


#64
Tetrachloroethene
Concen: 42.374 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:164 Resp: 56206

Ion	Ratio	Lower	Upper
164	100		
166	126.2	104.5	156.7
129	101.1	81.8	122.6
131	95.3	77.0	115.6

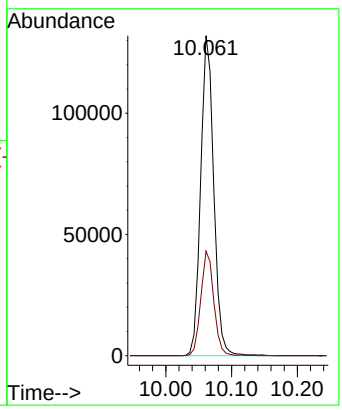




#65
Chlorobenzene
Concen: 45.637 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:112 Resp: 18240

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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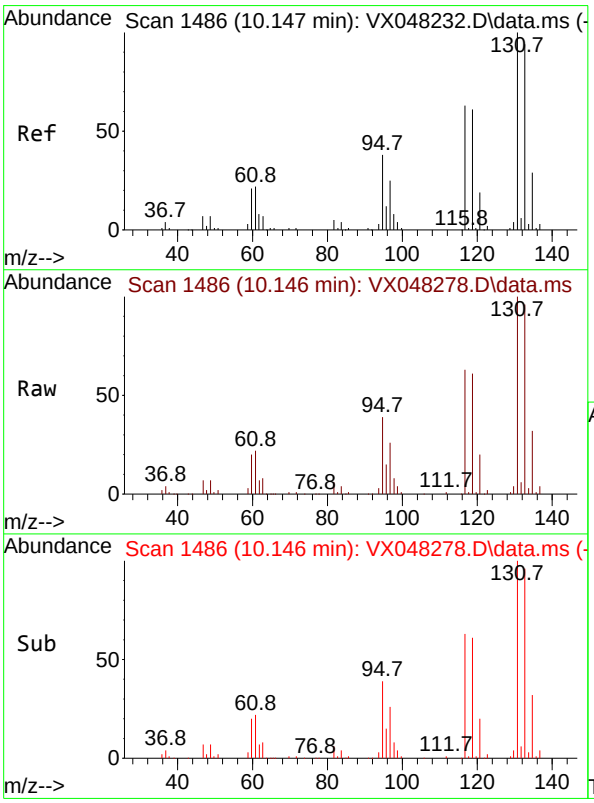
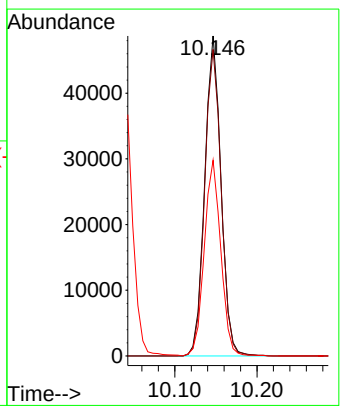
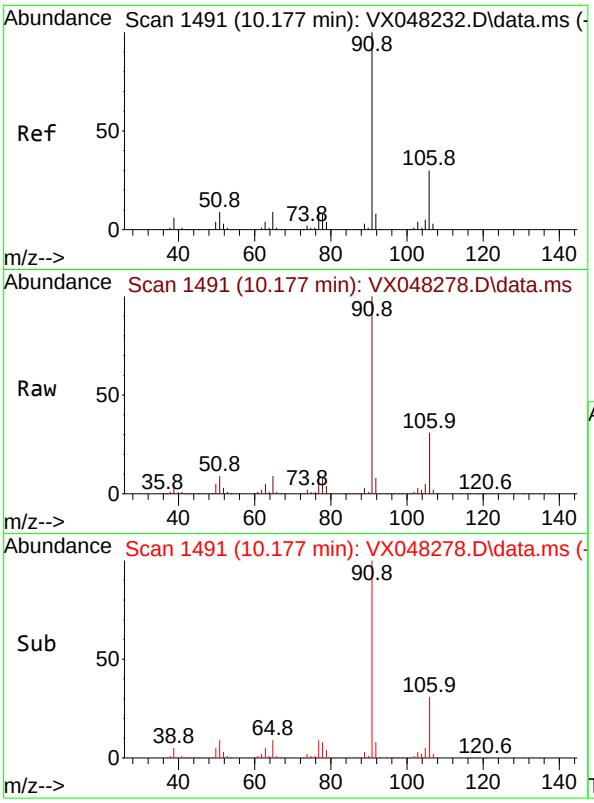


#66
1,1,1,2-Tetrachloroethane
Concen: 45.726 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:131 Resp: 67128

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.8
119	62.0	32.5	97.5





#67
Ethyl Benzene
Concen: 45.338 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

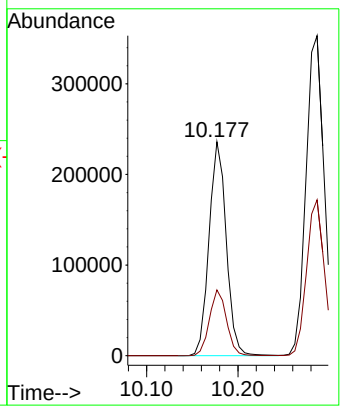
Tgt Ion: 91 Resp: 30852

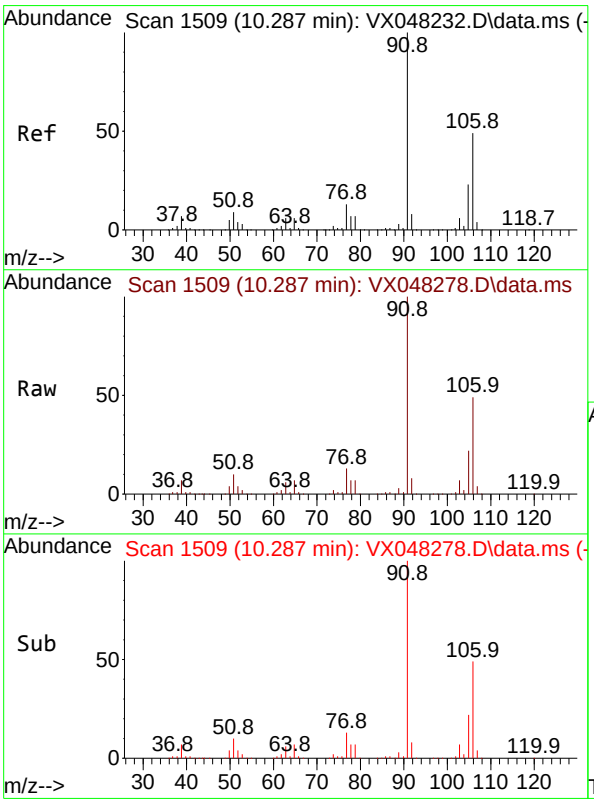
Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

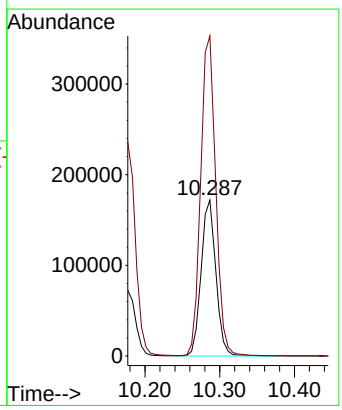


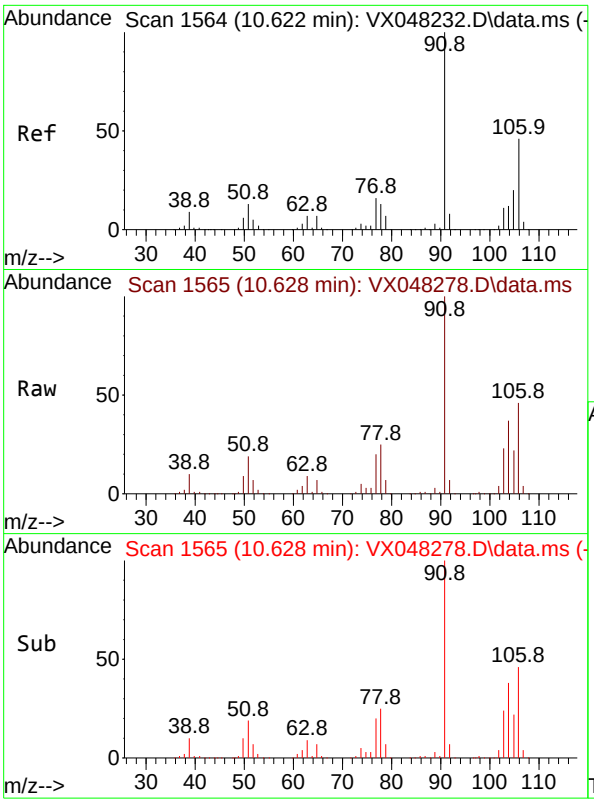


#68
m/p-Xylenes
Concen: 93.046 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:106 Resp: 235258

Ion	Ratio	Lower	Upper
106	100		
91	209.5	167.9	251.9

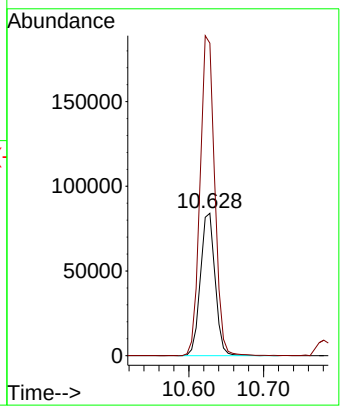




#69
o-Xylene
Concen: 46.976 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:106 Resp: 11467

Ion	Ratio	Lower	Upper
106	100		
91	223.5	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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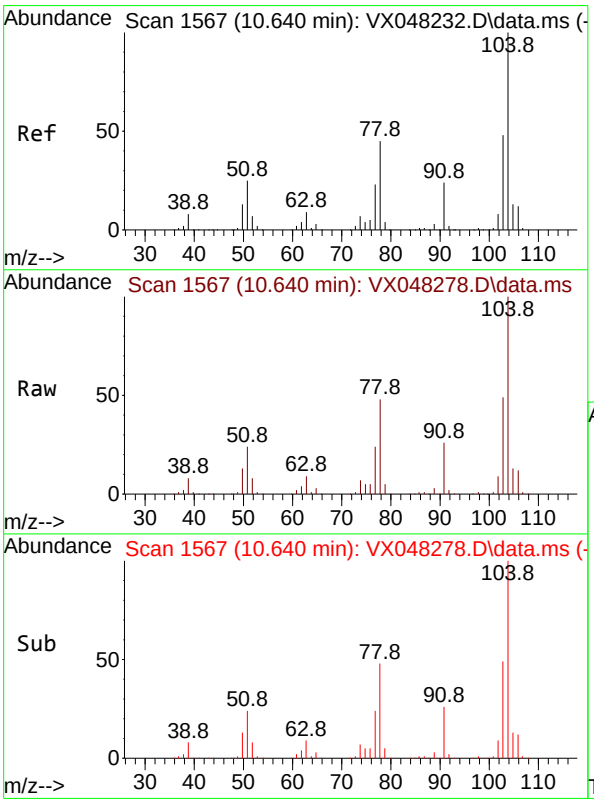
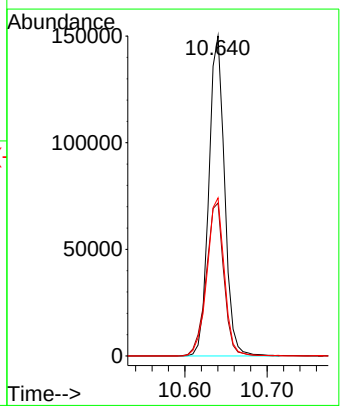
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

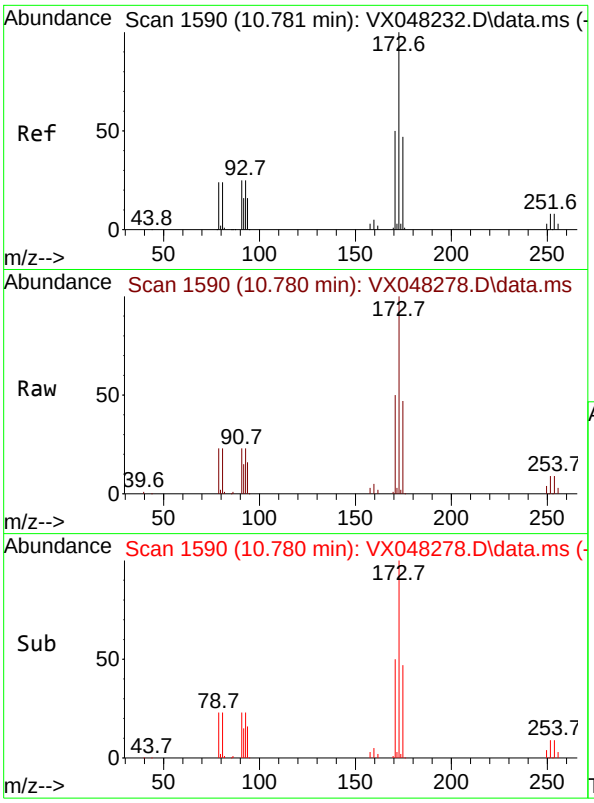


#70
Styrene
Concen: 48.144 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:104 Resp: 200106

Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.2	63.4
103	54.2	43.0	64.4





#71
Bromoform
Concen: 46.009 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:173 Resp: 5398

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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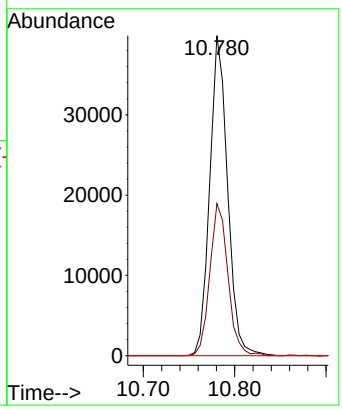
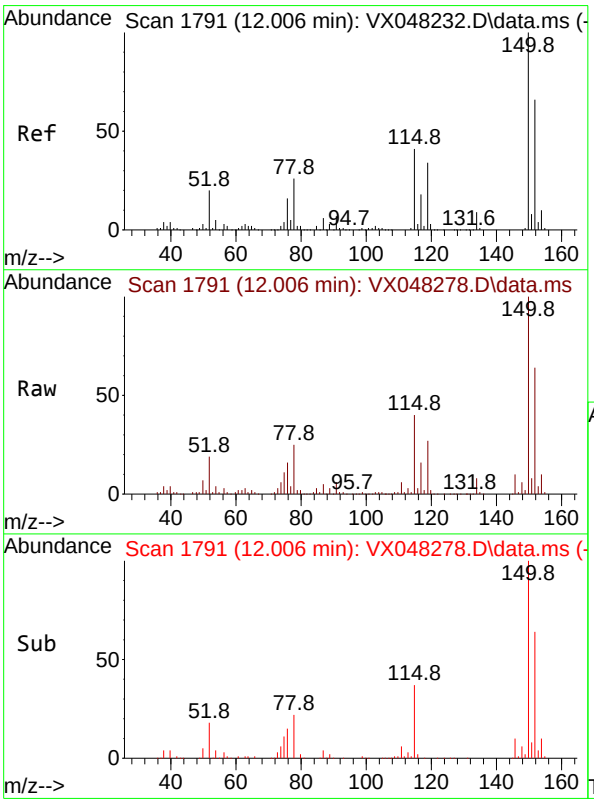
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

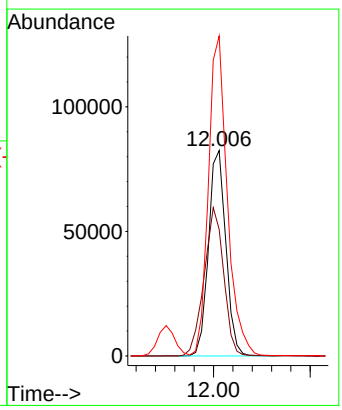


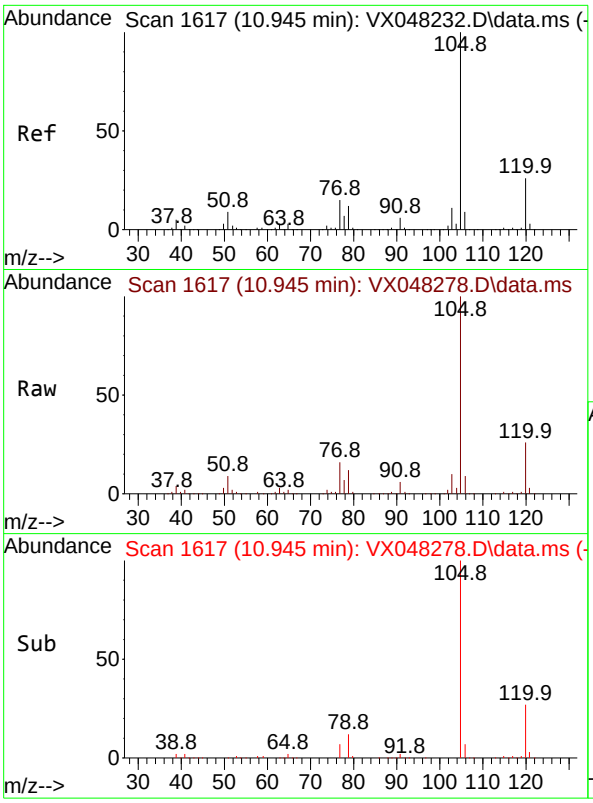


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:152 Resp: 103139

Ion	Ratio	Lower	Upper
152	100		
115	81.5	43.1	129.4
150	168.7	0.0	353.0





#73
Isopropylbenzene
Concen: 41.323 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:105 Resp: 31129

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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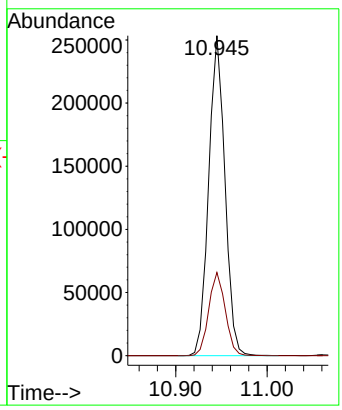
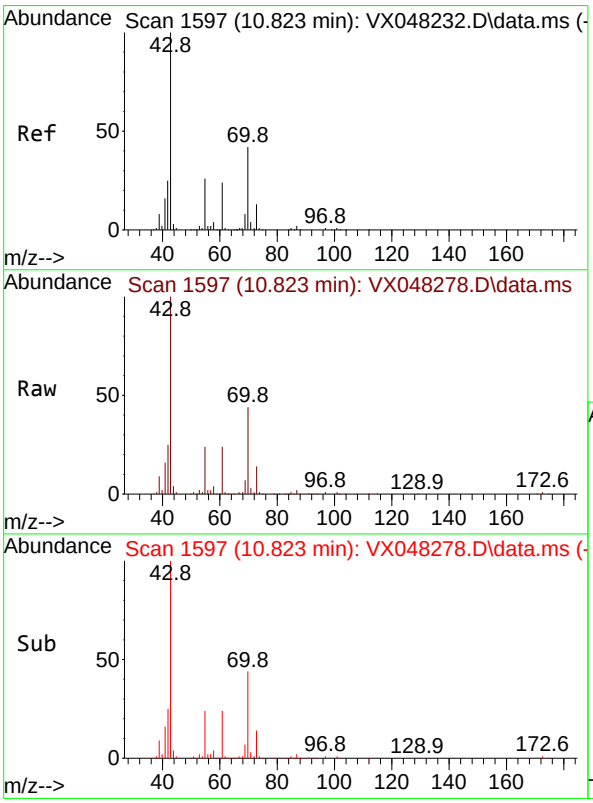
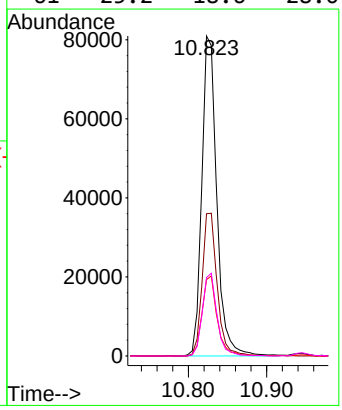


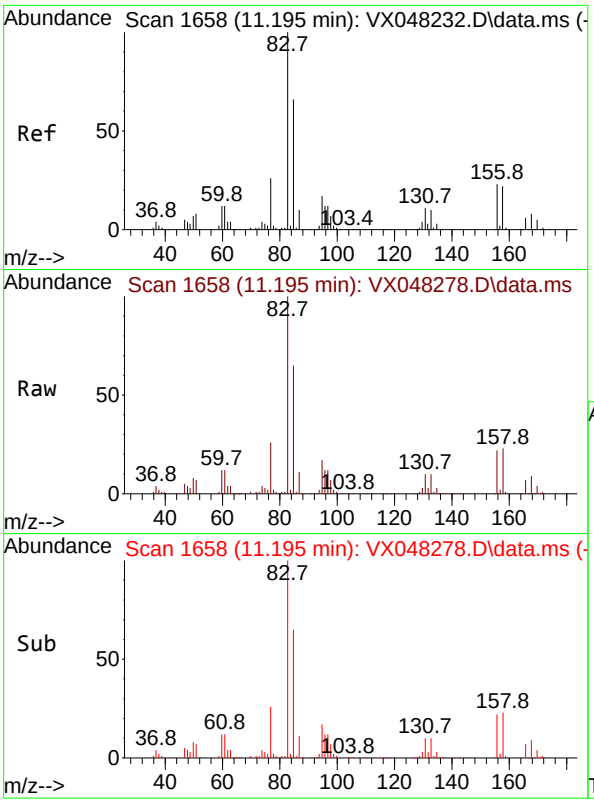


#74
N-amyl acetate
Concen: 40.243 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 107536

Ion	Ratio	Lower	Upper
43	100		
70	44.7	32.2	48.2
55	25.2	19.1	28.7
61	25.2	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.247 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 8691

Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.8	14.4
85	64.2	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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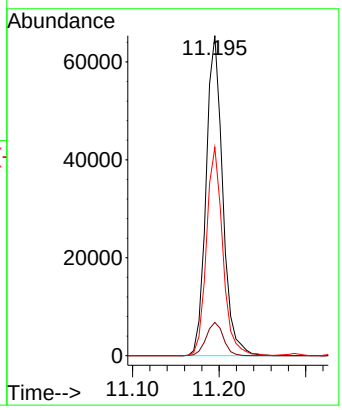
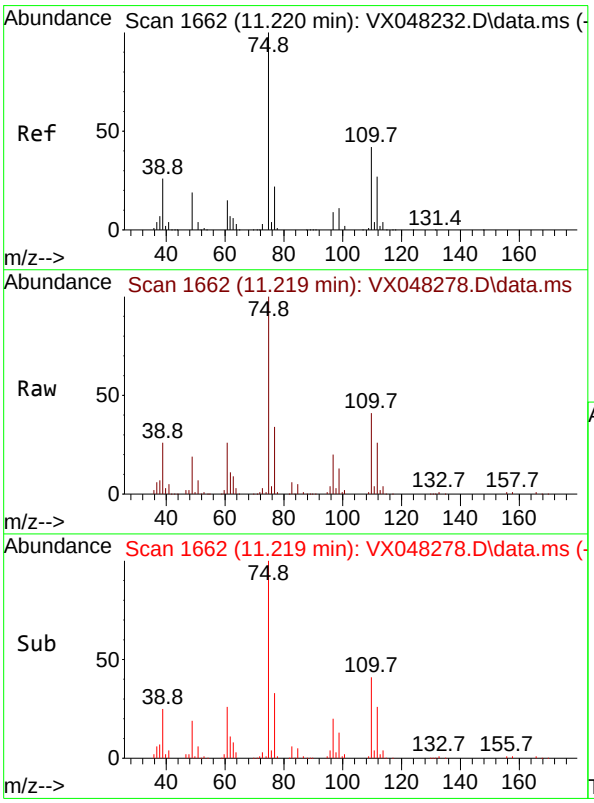
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

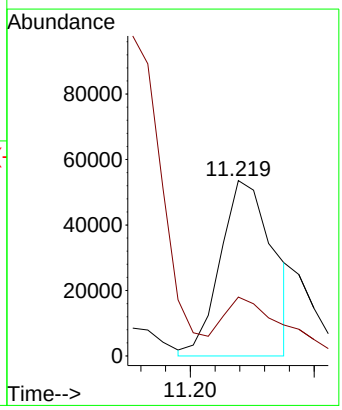


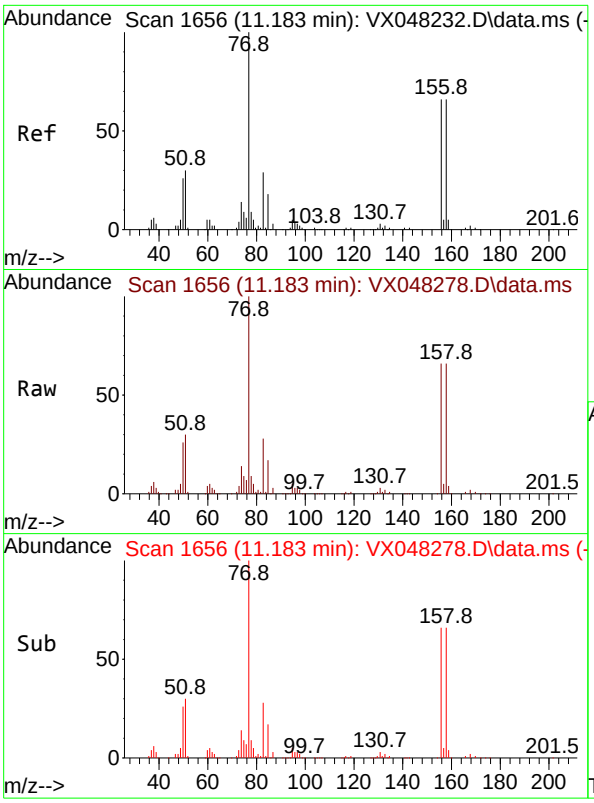


#76
1,2,3-Trichloropropane
Concen: 47.529 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 79495

Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.4	67.2





#77
Bromobenzene
Concen: 42.643 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:156 Resp: 8054

Ion	Ratio	Lower	Upper
156	100		
77	162.8	87.0	261.0
158	98.1	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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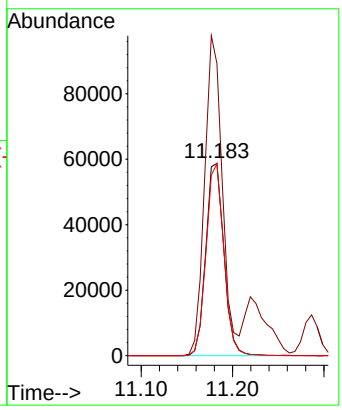
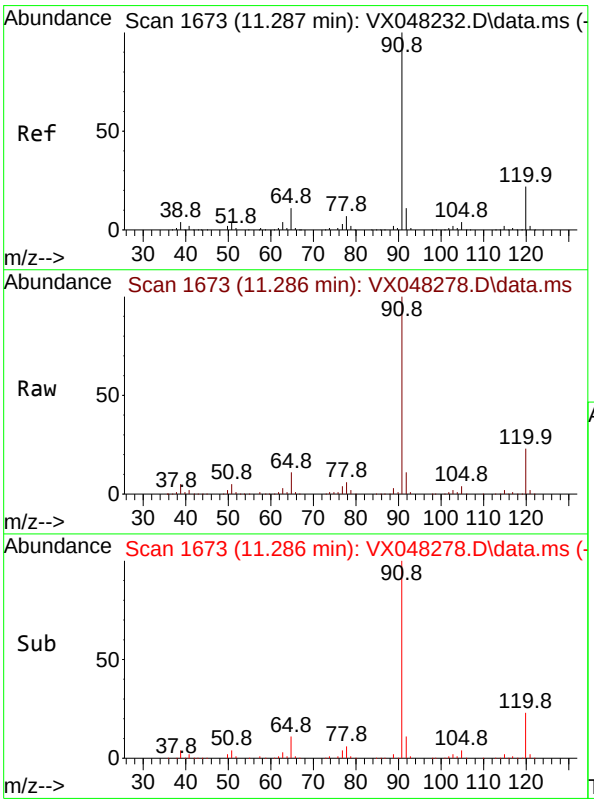
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

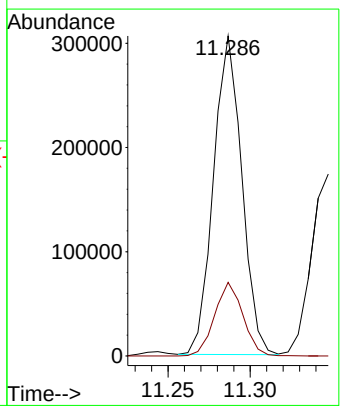


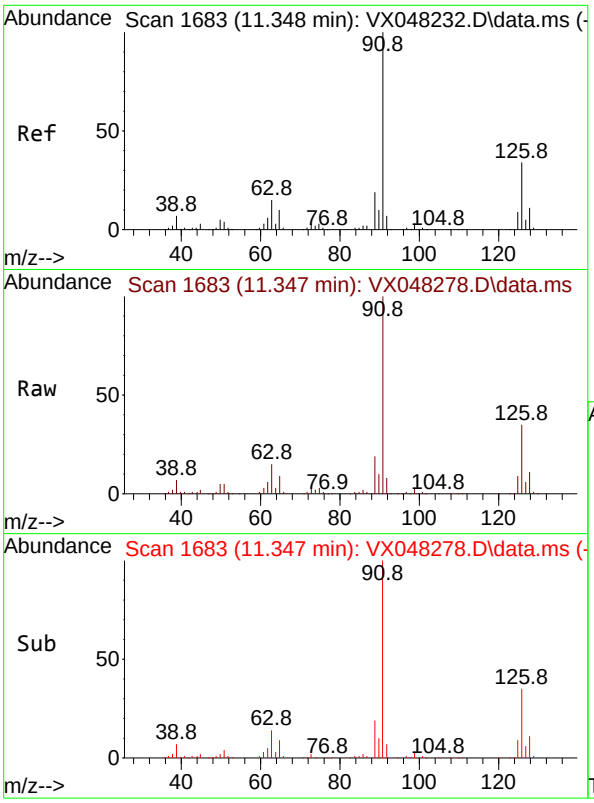


#78
n-propylbenzene
Concen: 41.944 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 365847

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 41.700 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 22051

Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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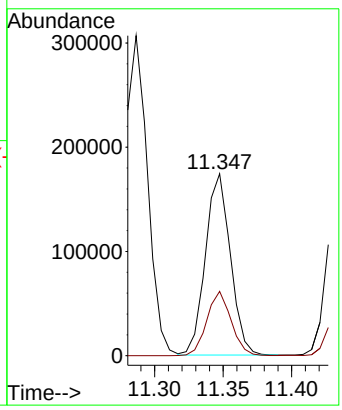
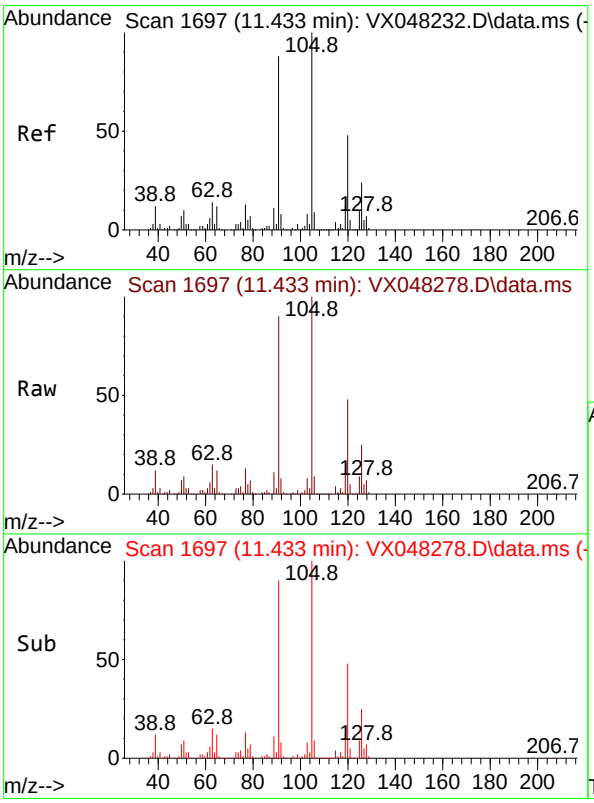
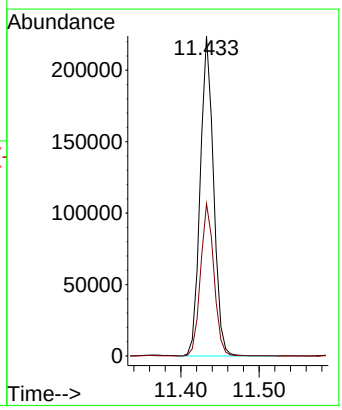


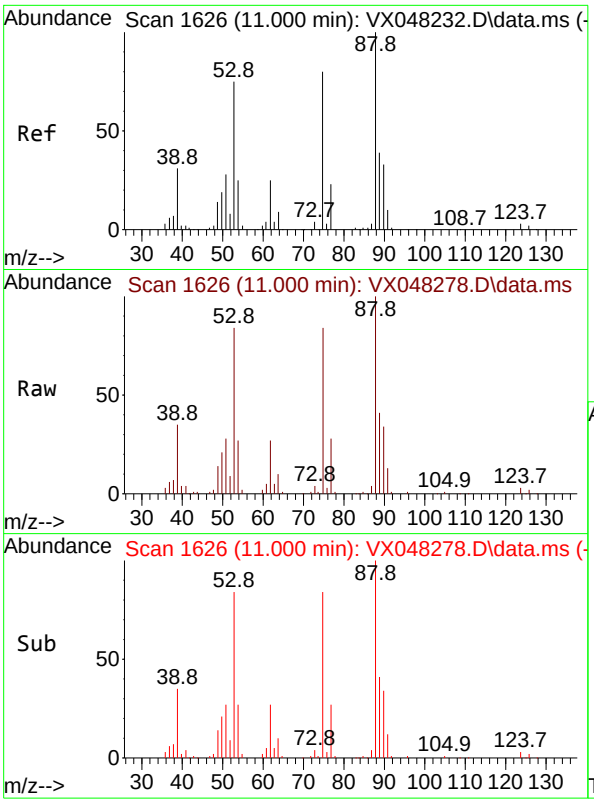


#80
1,3,5-Trimethylbenzene
Concen: 42.365 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:105 Resp: 264110

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.195 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 2763

Ion	Ratio	Lower	Upper
75	100		
53	99.4	79.5	119.3
89	47.4	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
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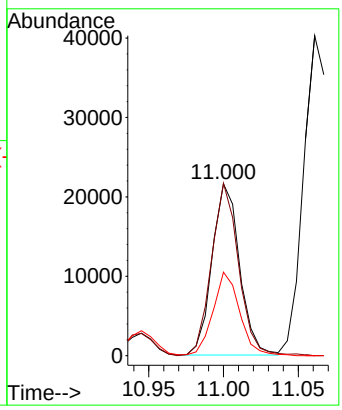
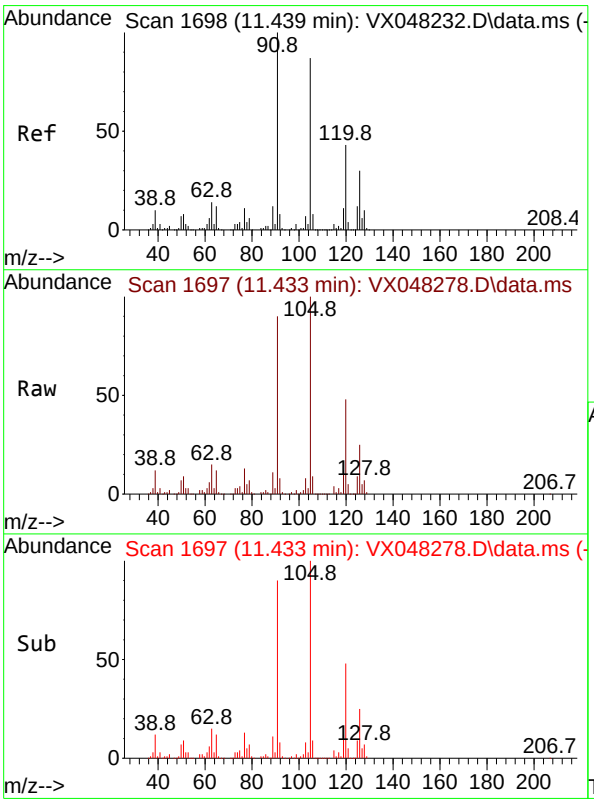
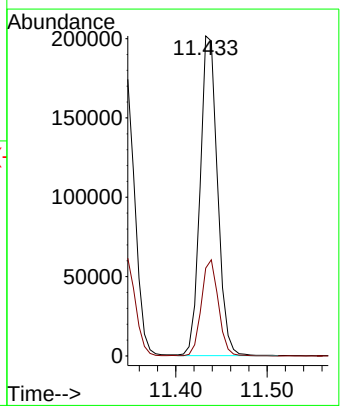


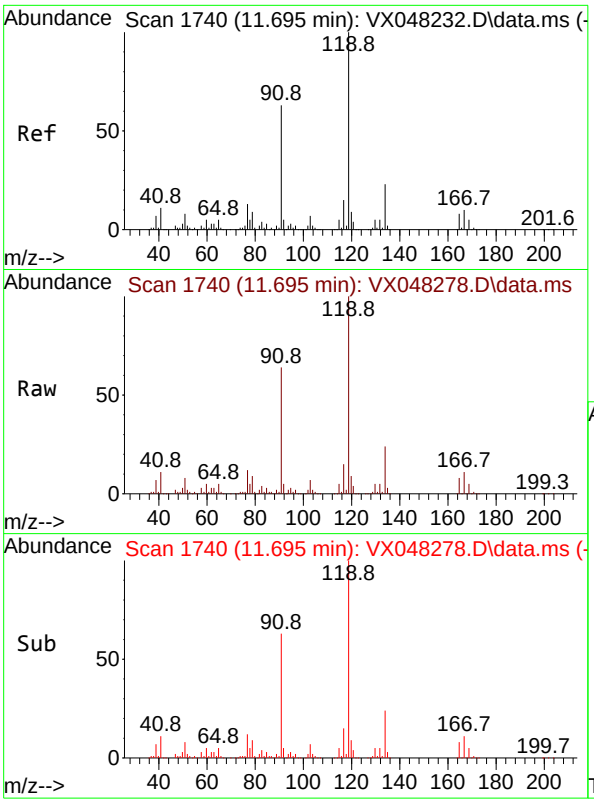


#82
4-Chlorotoluene
Concen: 42.258 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 265279

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.1	42.4

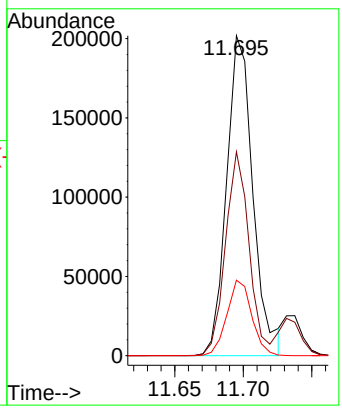




#83
tert-Butylbenzene
Concen: 42.107 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:119 Resp: 26971

Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	91.0
134	22.3	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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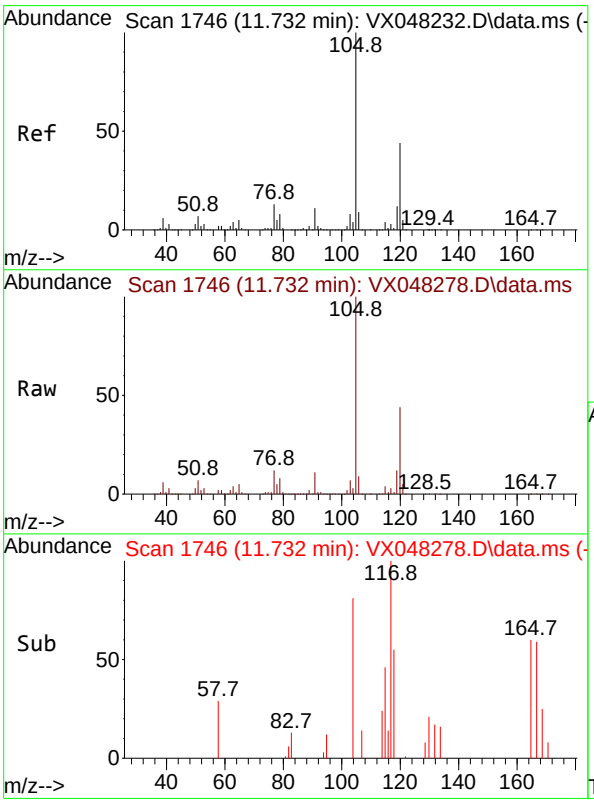
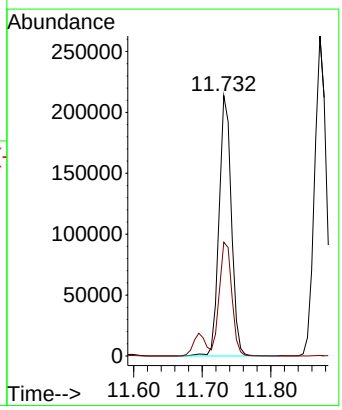
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

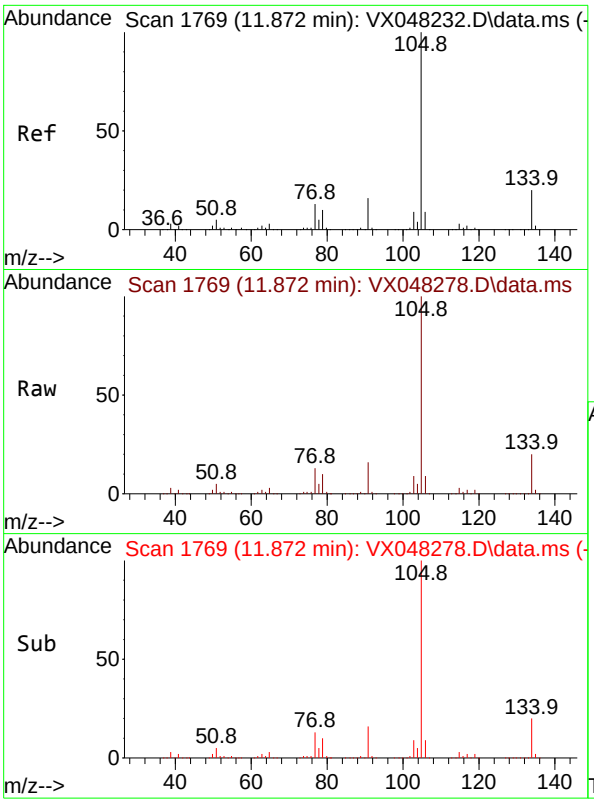


#84
1,2,4-Trimethylbenzene
Concen: 42.577 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:105 Resp: 264898

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5





#85
sec-Butylbenzene
Concen: 40.863 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

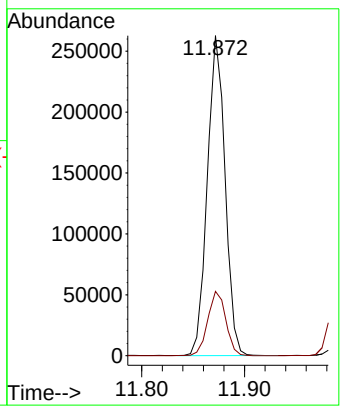
Tgt Ion:105 Resp: 31490

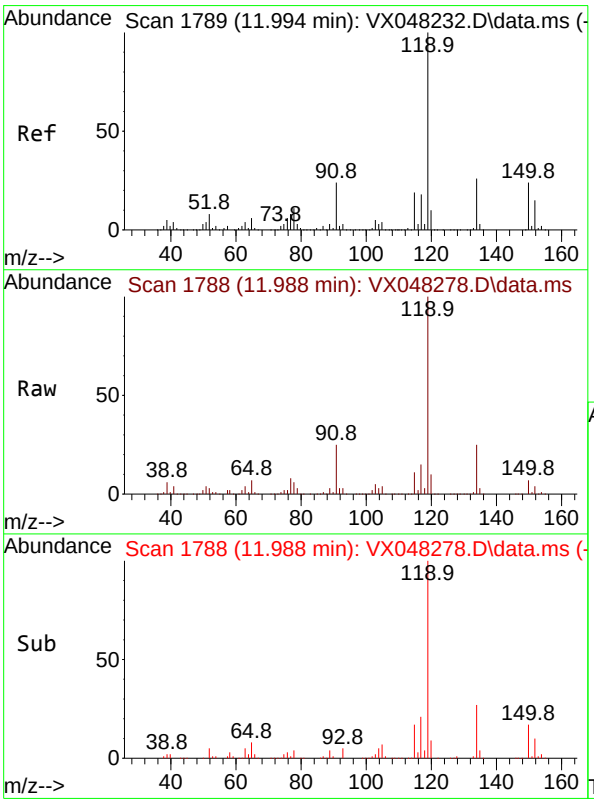
Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

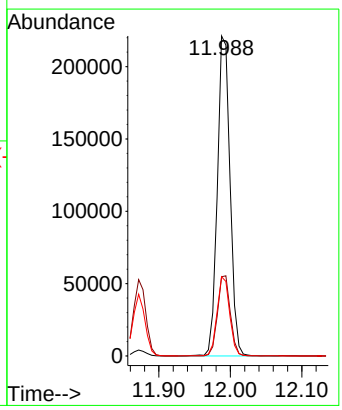


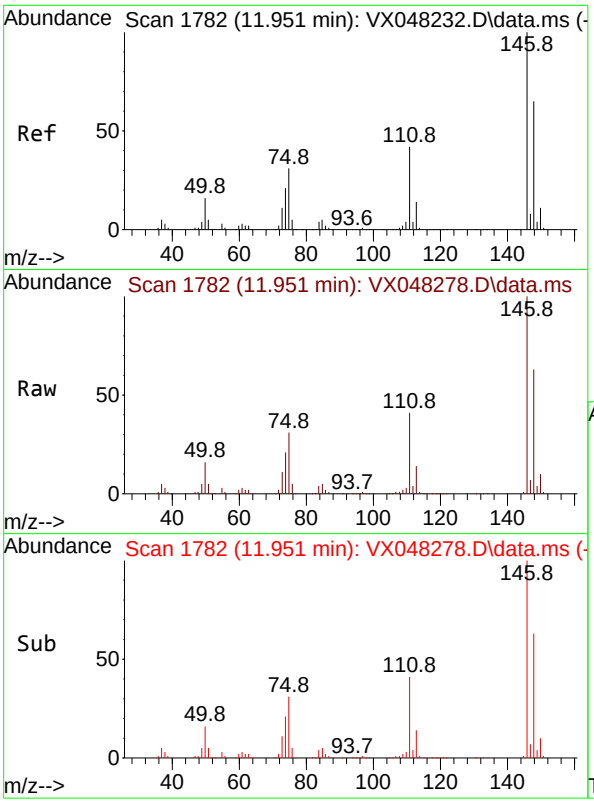


#86
p-Isopropyltoluene
Concen: 40.931 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:119 Resp: 272639

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.0	39.0
91	24.5	12.1	36.3

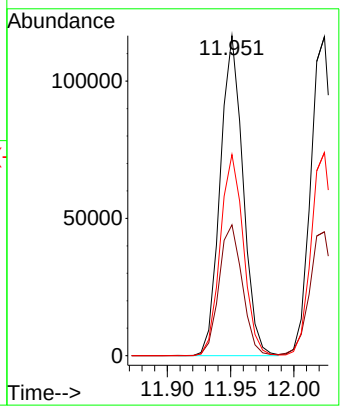




#87
1,3-Dichlorobenzene
Concen: 40.908 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:146 Resp: 14566

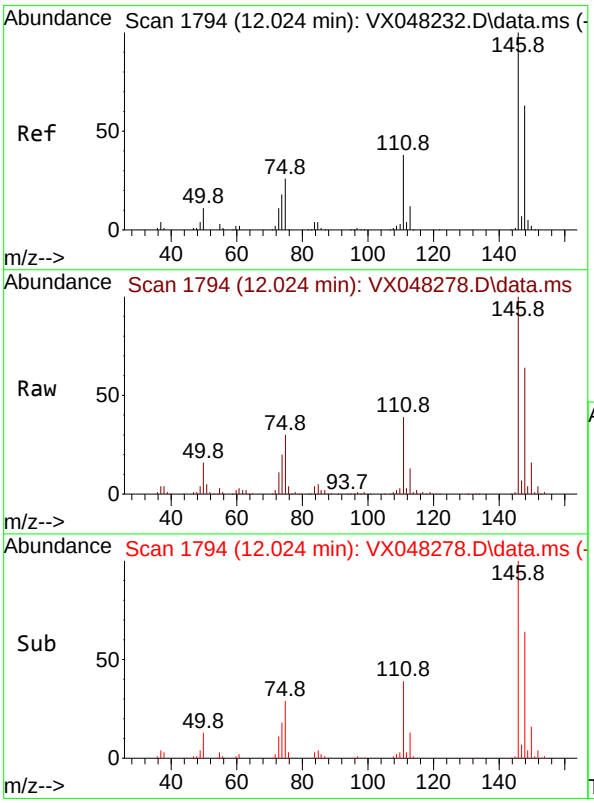
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.2
148	63.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

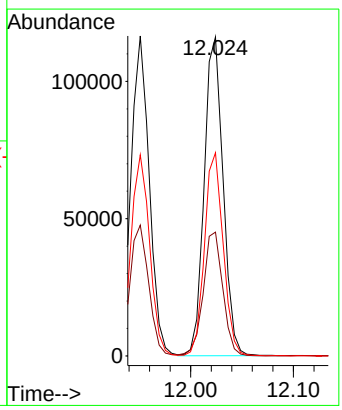
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

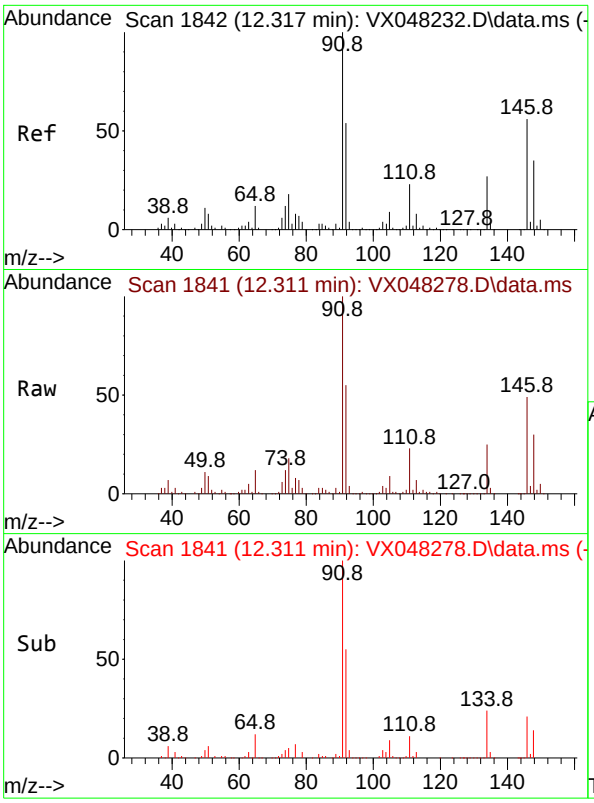


#88
1,4-Dichlorobenzene
Concen: 40.270 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:146 Resp: 148555

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	31.8	95.3





#89
n-Butylbenzene
Concen: 39.088 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

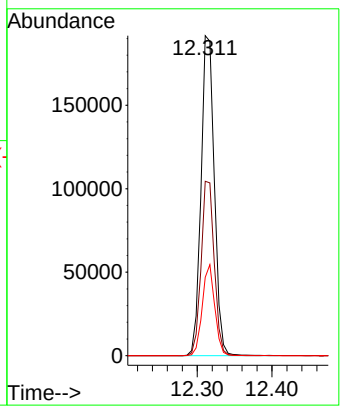
Tgt Ion: 91 Resp: 23698

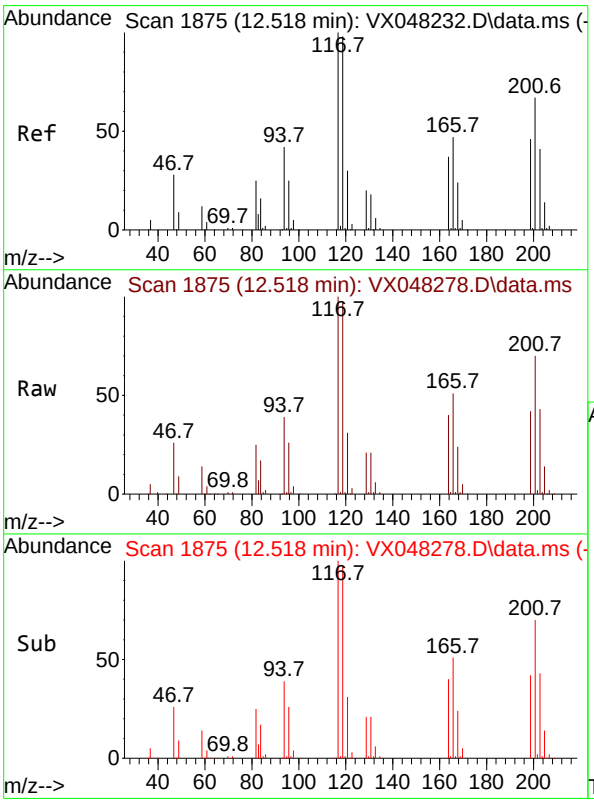
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	26.6	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

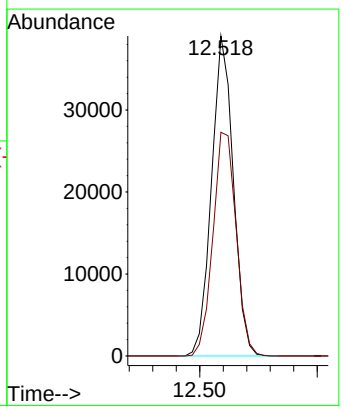


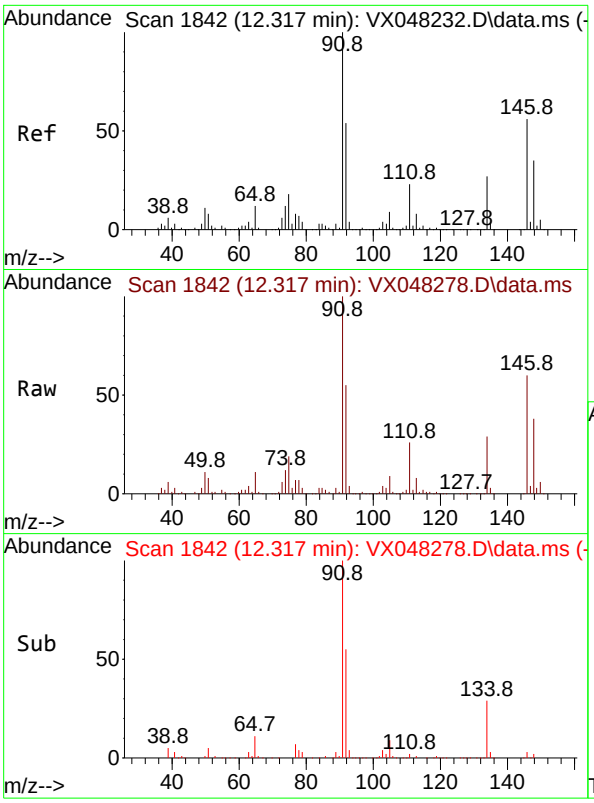


#90
Hexachloroethane
Concen: 38.153 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 50186

Ion	Ratio	Lower	Upper
117	100		
201	74.6	34.1	102.2

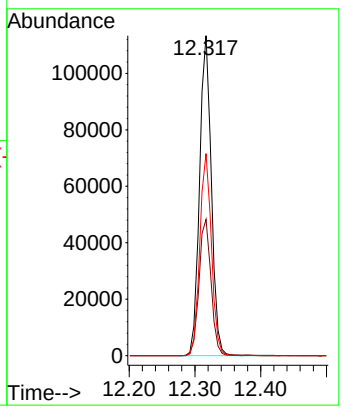




#91
1,2-Dichlorobenzene
Concen: 42.066 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:146 Resp: 14063

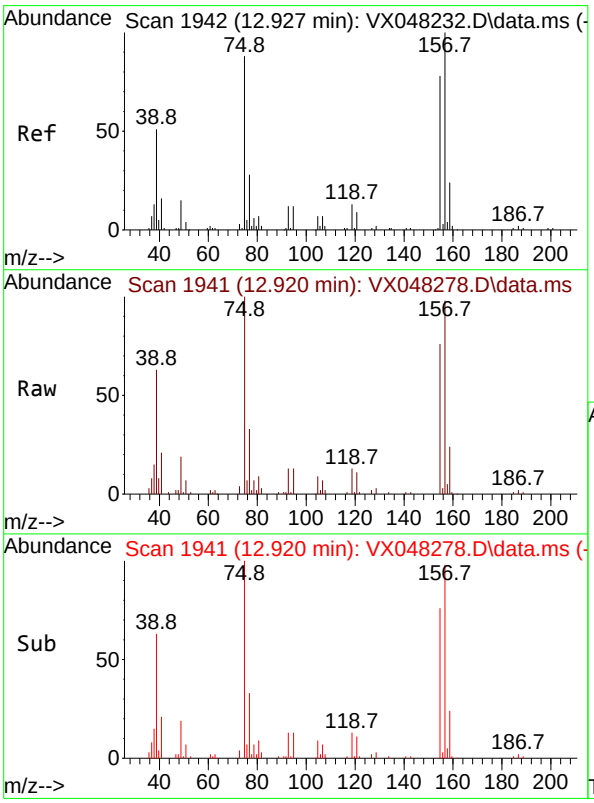
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.5
148	62.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

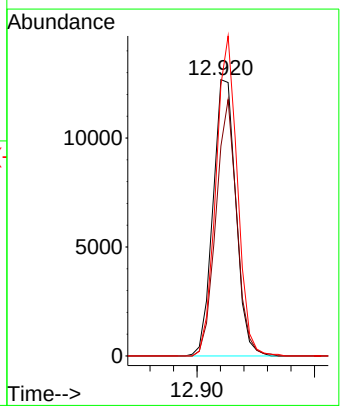
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

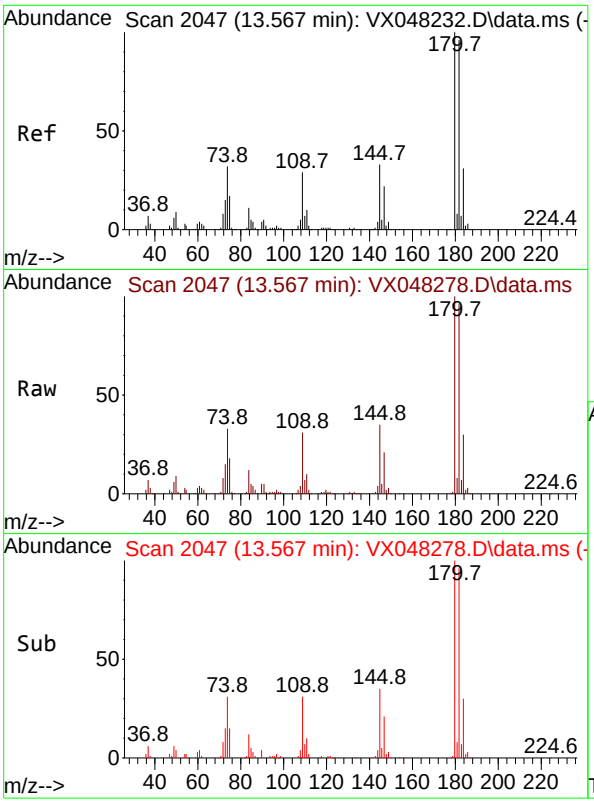


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.930 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 17092

Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.8	128.4
157	108.8	54.2	162.6

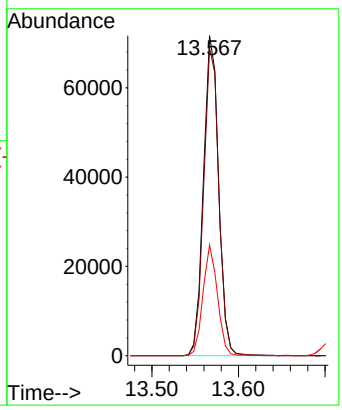




#93
1,2,4-Trichlorobenzene
Concen: 38.490 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:180 Resp: 8702

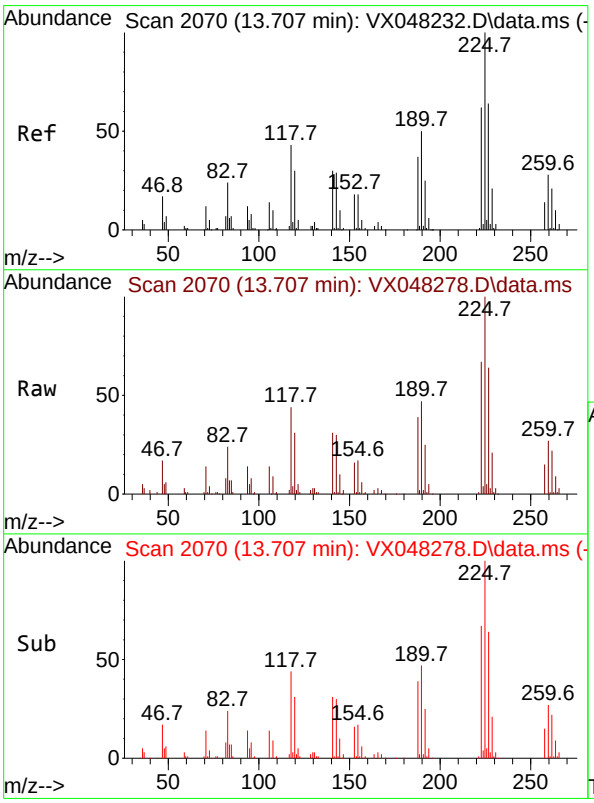
Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	33.1	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

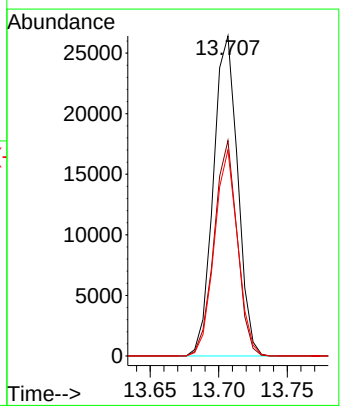
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

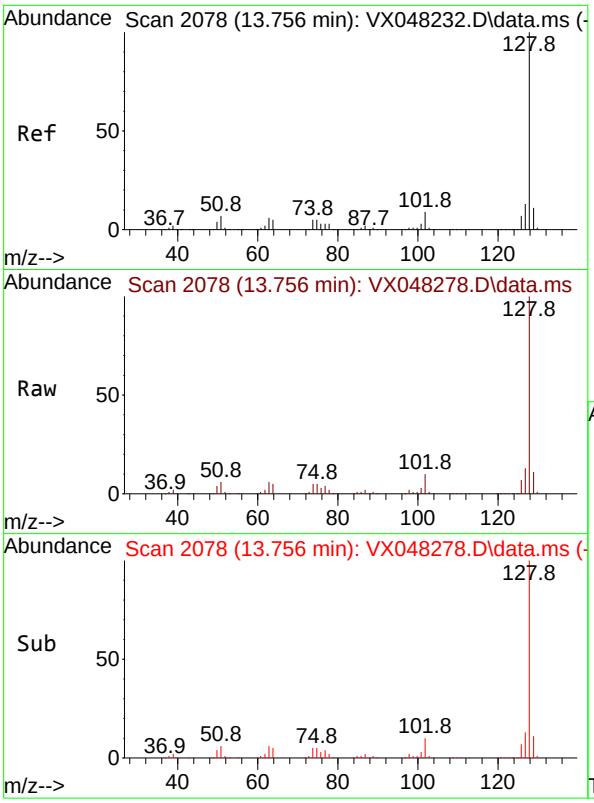


#94
Hexachlorobutadiene
Concen: 38.565 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:225 Resp: 32660

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.6	97.7
227	61.7	32.5	97.4

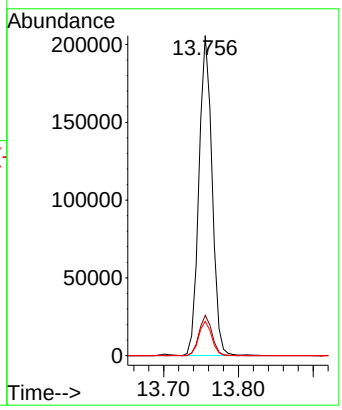




#95
Naphthalene
Concen: 41.822 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:128 Resp: 25051

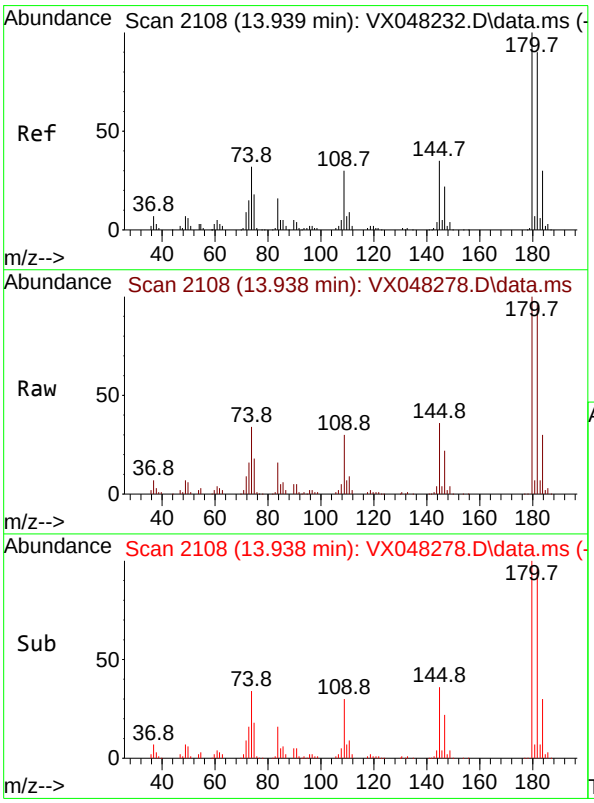
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

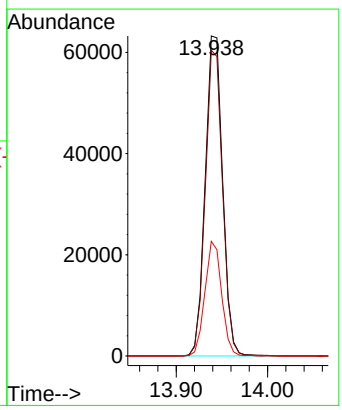
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 40.246 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:180 Resp: 83499

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.6	139.7
145	34.5	16.9	50.7



Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	89	0.00
2	T	Dichlorodifluoromethane	0.514	0.469	8.8	86	0.00
3	P	Chloromethane	0.480	0.395	17.7	78	0.00
4	C	Vinyl Chloride	0.444	0.366	17.6#	78	0.00
5	T	Bromomethane	0.302	0.258	14.6	81	0.00
6	T	Chloroethane	0.261	0.231	11.5	83	0.00
7	T	Trichlorofluoromethane	0.852	0.801	6.0	88	0.00
8	T	Diethyl Ether	0.240	0.220	8.3	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.479	11.3	85	0.00
10	T	Methyl Iodide	0.678	0.698	-2.9	93	0.00
11	T	Tert butyl alcohol	0.070	0.057	18.6	81	0.00
12	CM	1,1-Dichloroethene	0.525	0.490	6.7#	89	0.00
13	T	Acrolein	0.071	0.076	-7.0	104	0.00
14	T	Allyl chloride	0.872	0.780	10.6	86	0.00
15	T	Acrylonitrile	0.251	0.232	7.6	86	0.00
16	T	Acetone	0.240	0.185	22.9	81	0.00
17	T	Carbon Disulfide	1.654	1.375	16.9	84	0.00
18	T	Methyl Acetate	0.502	0.451	10.2	86	0.00
19	T	Methyl tert-butyl Ether	1.791	1.749	2.3	91	0.00
20	T	Methylene Chloride	0.586	0.564	3.8	91	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.537	6.9	89	0.00
22	T	Diisopropyl ether	1.738	1.663	4.3	89	0.00
23	T	Vinyl Acetate	1.389	1.347	3.0	88	0.00
24	P	1,1-Dichloroethane	1.051	0.987	6.1	89	0.00
25	T	2-Butanone	0.304	0.262	13.8	83	0.00
26	T	2,2-Dichloropropane	0.949	0.849	10.5	86	0.00
27	T	cis-1,2-Dichloroethene	0.673	0.652	3.1	92	0.00
28	T	Bromochloromethane	0.436	0.416	4.6	83	0.00
29	T	Tetrahydrofuran	0.182	0.159	12.6	83	0.00
30	C	Chloroform	1.123	1.104	1.7#	93	0.00
31	T	Cyclohexane	0.870	0.770	11.5	83	0.00
32	T	1,1,1-Trichloroethane	1.035	1.009	2.5	92	0.00
33	S	1,2-Dichloroethane-d4	0.701	0.787	-12.3	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.341	0.360	-5.6	99	0.00
36	T	1,1-Dichloropropene	0.485	0.440	9.3	92	0.00
37	T	Ethyl Acetate	0.402	0.345	14.2	85	0.00
38	T	Carbon Tetrachloride	0.599	0.547	8.7	90	0.00
39	T	Methylcyclohexane	0.573	0.489	14.7	82	0.00
40	TM	Benzene	1.409	1.285	8.8	90	0.00
41	T	Methacrylonitrile	0.211	0.194	8.1	86	0.00
42	TM	1,2-Dichloroethane	0.520	0.519	0.2	94	0.00
43	T	Isopropyl Acetate	0.661	0.599	9.4	86	0.00
44	TM	Trichloroethene	0.372	0.348	6.5	91	0.00
45	C	1,2-Dichloropropane	0.335	0.311	7.2#	88	0.00
46	T	Dibromomethane	0.261	0.246	5.7	90	0.00
47	T	Bromodichloromethane	0.563	0.545	3.2	92	0.00
48	T	Methyl methacrylate	0.333	0.308	7.5	87	0.00

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	0.004	0.004	0.0	81	0.00
50	S	Toluene-d8	1.196	1.238	-3.5	95	0.00
51	T	4-Methyl-2-Pentanone	0.381	0.346	9.2	83	0.00
52	CM	Toluene	0.895	0.860	3.9#	91	0.00
53	T	t-1,3-Dichloropropene	0.543	0.540	0.6	90	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.561	4.3	89	0.00
55	T	1,1,2-Trichloroethane	0.333	0.324	2.7	92	0.00
56	T	Ethyl methacrylate	0.487	0.477	2.1	88	0.00
57	T	1,3-Dichloropropane	0.568	0.560	1.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.232	0.252	-8.6	88	0.00
59	T	2-Hexanone	0.266	0.244	8.3	83	0.00
60	T	Dibromochloromethane	0.447	0.441	1.3	94	0.00
61	T	1,2-Dibromoethane	0.355	0.344	3.1	91	0.00
62	S	4-Bromofluorobenzene	0.455	0.547	-20.2	112	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.373	0.316	15.3	93	0.00
65	PM	Chlorobenzene	1.125	1.027	8.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.378	8.5	93	0.00
67	C	Ethyl Benzene	1.915	1.736	9.3#	92	0.00
68	T	m/p-Xylenes	0.712	0.662	7.0	93	0.00
69	T	o-Xylene	0.687	0.645	6.1	94	0.00
70	T	Styrene	1.170	1.126	3.8	95	0.00
71	P	Bromoform	0.330	0.304	7.9	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73	T	Isopropylbenzene	3.652	3.018	17.4	98	0.00
74	T	N-amyl acetate	1.295	1.043	19.5	93	0.00
75	P	1,1,2,2-Tetrachloroethane	0.997	0.843	15.4	99	0.00
76	T	1,2,3-Trichloropropane	0.811	0.771	4.9	117	0.00
77	T	Bromobenzene	0.916	0.781	14.7	101	0.00
78	T	n-propylbenzene	4.228	3.547	16.1	98	0.00
79	T	2-Chlorotoluene	2.564	2.138	16.6	99	0.00
80	T	1,3,5-Trimethylbenzene	3.022	2.561	15.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.333	0.268	19.5	94	0.00
82	T	4-Chlorotoluene	3.043	2.572	15.5	99	0.00
83	T	tert-Butylbenzene	3.105	2.615	15.8	100	0.00
84	T	1,2,4-Trimethylbenzene	3.016	2.568	14.9	100	0.00
85	T	sec-Butylbenzene	3.736	3.053	18.3	98	0.00
86	T	p-Isopropyltoluene	3.229	2.643	18.1	98	0.00
87	T	1,3-Dichlorobenzene	1.726	1.412	18.2	101	0.00
88	T	1,4-Dichlorobenzene	1.788	1.440	19.5	102	0.00
89	T	n-Butylbenzene	2.939	2.298	21.8	97	0.00
90	T	Hexachloroethane	0.638	0.487	23.7	95	0.00
91	T	1,2-Dichlorobenzene	1.621	1.364	15.9	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.202	0.166	17.8	95	0.00
93	T	1,2,4-Trichlorobenzene	1.096	0.844	23.0	98	0.00
94	T	Hexachlorobutadiene	0.507	0.317	37.5#	94	0.00
95	T	Naphthalene	2.904	2.429	16.4	97	0.00

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	1.006	0.810	19.5	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	45.636	8.7	86	0.00
3	P	Chloromethane	50.000	41.125	17.8	78	0.00
4	C	Vinyl Chloride	50.000	41.217	17.6#	78	0.00
5	T	Bromomethane	50.000	42.818	14.4	81	0.00
6	T	Chloroethane	50.000	44.175	11.7	83	0.00
7	T	Trichlorofluoromethane	50.000	46.992	6.0	88	0.00
8	T	Diethyl Ether	50.000	45.877	8.2	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.374	11.3	85	0.00
10	T	Methyl Iodide	50.000	51.416	-2.8	93	0.00
11	T	Tert butyl alcohol	250.000	204.253	18.3	81	0.00
12	CM	1,1-Dichloroethene	50.000	46.632	6.7#	89	0.00
13	T	Acrolein	250.000	269.101	-7.6	104	0.00
14	T	Allyl chloride	50.000	44.749	10.5	86	0.00
15	T	Acrylonitrile	250.000	230.910	7.6	86	0.00
16	T	Acetone	250.000	191.905	23.2	81	0.00
17	T	Carbon Disulfide	50.000	41.561	16.9	84	0.00
18	T	Methyl Acetate	50.000	44.941	10.1	86	0.00
19	T	Methyl tert-butyl Ether	50.000	48.837	2.3	91	0.00
20	T	Methylene Chloride	50.000	48.124	3.8	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.571	6.9	89	0.00
22	T	Diisopropyl ether	50.000	47.827	4.3	89	0.00
23	T	Vinyl Acetate	250.000	242.501	3.0	88	0.00
24	P	1,1-Dichloroethane	50.000	46.973	6.1	89	0.00
25	T	2-Butanone	250.000	215.374	13.9	83	0.00
26	T	2,2-Dichloropropane	50.000	44.766	10.5	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.458	3.1	92	0.00
28	T	Bromochloromethane	50.000	47.680	4.6	83	0.00
29	T	Tetrahydrofuran	250.000	218.490	12.6	83	0.00
30	C	Chloroform	50.000	49.137	1.7#	93	0.00
31	T	Cyclohexane	50.000	44.238	11.5	83	0.00
32	T	1,1,1-Trichloroethane	50.000	48.747	2.5	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.153	-12.3	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	52.800	-5.6	99	0.00
36	T	1,1-Dichloropropene	50.000	45.371	9.3	92	0.00
37	T	Ethyl Acetate	50.000	42.851	14.3	85	0.00
38	T	Carbon Tetrachloride	50.000	45.671	8.7	90	0.00
39	T	Methylcyclohexane	50.000	42.670	14.7	82	0.00
40	TM	Benzene	50.000	45.621	8.8	90	0.00
41	T	Methacrylonitrile	50.000	45.945	8.1	86	0.00
42	TM	1,2-Dichloroethane	50.000	49.906	0.2	94	0.00
43	T	Isopropyl Acetate	50.000	45.374	9.3	86	0.00
44	TM	Trichloroethene	50.000	46.735	6.5	91	0.00
45	C	1,2-Dichloropropane	50.000	46.474	7.1#	88	0.00
46	T	Dibromomethane	50.000	47.155	5.7	90	0.00
47	T	Bromodichloromethane	50.000	48.404	3.2	92	0.00
48	T	Methyl methacrylate	50.000	46.243	7.5	87	0.00

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	901.119	9.9	81	0.00
50	S	Toluene-d8	50.000	51.716	-3.4	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.242	9.1	83	0.00
52	CM	Toluene	50.000	48.031	3.9#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	49.703	0.6	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.929	4.1	89	0.00
55	T	1,1,2-Trichloroethane	50.000	48.711	2.6	92	0.00
56	T	Ethyl methacrylate	50.000	49.025	2.0	88	0.00
57	T	1,3-Dichloropropane	50.000	49.295	1.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.651	3.7	88	0.00
59	T	2-Hexanone	250.000	229.287	8.3	83	0.00
60	T	Dibromochloromethane	50.000	49.293	1.4	94	0.00
61	T	1,2-Dibromoethane	50.000	48.532	2.9	91	0.00
62	S	4-Bromofluorobenzene	50.000	60.121	-20.2	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	42.374	15.3	93	0.00
65	PM	Chlorobenzene	50.000	45.637	8.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.726	8.5	93	0.00
67	C	Ethyl Benzene	50.000	45.338	9.3#	92	0.00
68	T	m/p-Xylenes	100.000	93.046	7.0	93	0.00
69	T	o-Xylene	50.000	46.976	6.0	94	0.00
70	T	Styrene	50.000	48.144	3.7	95	0.00
71	P	Bromoform	50.000	46.009	8.0	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73	T	Isopropylbenzene	50.000	41.323	17.4	98	0.00
74	T	N-amyl acetate	50.000	40.243	19.5	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.247	15.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	47.529	4.9	117	0.00
77	T	Bromobenzene	50.000	42.643	14.7	101	0.00
78	T	n-propylbenzene	50.000	41.944	16.1	98	0.00
79	T	2-Chlorotoluene	50.000	41.700	16.6	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.365	15.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.195	19.6	94	0.00
82	T	4-Chlorotoluene	50.000	42.258	15.5	99	0.00
83	T	tert-Butylbenzene	50.000	42.107	15.8	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.577	14.8	100	0.00
85	T	sec-Butylbenzene	50.000	40.863	18.3	98	0.00
86	T	p-Isopropyltoluene	50.000	40.931	18.1	98	0.00
87	T	1,3-Dichlorobenzene	50.000	40.908	18.2	101	0.00
88	T	1,4-Dichlorobenzene	50.000	40.270	19.5	102	0.00
89	T	n-Butylbenzene	50.000	39.088	21.8	97	0.00
90	T	Hexachloroethane	50.000	38.153	23.7	95	0.00
91	T	1,2-Dichlorobenzene	50.000	42.066	15.9	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.930	18.1	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	38.490	23.0	98	0.00
94	T	Hexachlorobutadiene	50.000	38.565	22.9	94	0.00
95	T	Naphthalene	50.000	41.822	16.4	97	0.00

Sample Results: **VX048278.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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	40.246	19.5	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VY023559.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3413
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/24/2025 08:56
Lab File ID: VY023559.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.296		-17.78	20
Chloromethane	0.490	0.393	0.1	-19.8	20
Vinyl Chloride	0.639	0.540		-15.49	20
Bromomethane	0.536	0.487		-9.14	20
Chloroethane	0.435	0.389		-10.57	20
Trichlorofluoromethane	0.887	0.844		-4.85	20
1,1,2-Trichlorotrifluoroethane	0.460	0.472		2.61	20
1,1-Dichloroethene	0.446	0.451		1.12	20
Acetone	0.100	0.101		1	20
Carbon Disulfide	1.277	1.159		-9.24	20
Methyl tert-butyl Ether	1.072	1.188		10.82	20
Methyl Acetate	0.261	0.280		7.28	20
Methylene Chloride	0.538	0.506		-5.95	20
trans-1,2-Dichloroethene	0.491	0.511		4.07	20
1,1-Dichloroethane	0.796	0.814	0.1	2.26	20
Cyclohexane	0.696	0.644		-7.47	20
2-Butanone	0.122	0.124		1.64	20
Carbon Tetrachloride	0.493	0.528		7.1	20
cis-1,2-Dichloroethene	0.567	0.623		9.88	20
Bromochloromethane	0.297	0.248		-16.5	20
Chloroform	0.875	0.933		6.63	20
1,1,1-Trichloroethane	0.795	0.836		5.16	20
Methylcyclohexane	0.530	0.561		5.85	20
Benzene	1.288	1.380		7.14	20
1,2-Dichloroethane	0.332	0.338		1.81	20
Trichloroethene	0.377	0.413		9.55	20
1,2-Dichloropropane	0.285	0.304		6.67	20
Bromodichloromethane	0.453	0.497		9.71	20
4-Methyl-2-Pentanone	0.166	0.181		9.04	20
Toluene	0.836	0.928		11.01	20
t-1,3-Dichloropropene	0.394	0.436		10.66	20
cis-1,3-Dichloropropene	0.465	0.520		11.83	20
1,1,2-Trichloroethane	0.242	0.275		13.64	20
2-Hexanone	0.119	0.131		10.08	20
Dibromochloromethane	0.339	0.389		14.75	20
1,2-Dibromoethane	0.231	0.263		13.85	20
Tetrachloroethene	0.516	0.576		11.63	20
Chlorobenzene	1.087	1.224	0.3	12.6	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VY023559.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3413
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/24/2025 08:56
Lab File ID: VY023559.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.991		13.13	20
m/p-Xylenes	0.706	0.816		15.58	20
o-Xylene	0.662	0.779		17.67	20
Styrene	1.089	1.285		18	20
Bromoform	0.240	0.278	0.1	15.83	20
Isopropylbenzene	3.295	3.754		13.93	20
1,1,2,2-Tetrachloroethane	0.539	0.600	0.3	11.32	20
1,3-Dichlorobenzene	1.706	1.896		11.14	20
1,4-Dichlorobenzene	1.685	1.876		11.34	20
1,2-Dichlorobenzene	1.496	1.689		12.9	20
1,2-Dibromo-3-Chloropropane	0.088	0.093		5.68	20
1,2,4-Trichlorobenzene	0.932	1.065		14.27	20
1,2,3-Trichlorobenzene	0.808	0.912		12.87	20
1,2-Dichloroethane-d4	0.418	0.374		-10.53	20
Dibromofluoromethane	0.307	0.304		-0.98	20
Toluene-d8	1.144	1.115		-2.54	20
4-Bromofluorobenzene	0.378	0.376		-0.53	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	558901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	809883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	208884	44.694	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.380%			
35) Dibromofluoromethane	7.634	113	246096	49.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.109	98	902938	48.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.440%			
62) 4-Bromofluorobenzene	12.407	95	304706	49.801	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	165459	41.129	ug/l	96
3) Chloromethane	2.074	50	219496	40.052	ug/l	99
4) Vinyl Chloride	2.208	62	301831	42.285	ug/l	100
5) Bromomethane	2.598	94	272400	45.475	ug/l	99
6) Chloroethane	2.738	64	217301	44.661	ug/l	99
7) Trichlorofluoromethane	3.061	101	471600	47.584	ug/l	100
8) Diethyl Ether	3.458	74	133898	51.703	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	263863	51.306	ug/l	98
10) Methyl Iodide	4.006	142	326535	57.032	ug/l	97
11) Tert butyl alcohol	4.854	59	102526	294.878	ug/l	97
12) 1,1-Dichloroethene	3.793	96	251789	50.504	ug/l	100
13) Acrolein	3.653	56	33834	68.867	ug/l	99
14) Allyl chloride	4.384	41	289064	47.575	ug/l	97
15) Acrylonitrile	5.061	53	256147	258.449	ug/l	99
16) Acetone	3.866	43	282132	253.570	ug/l	96
17) Carbon Disulfide	4.110	76	647806	45.399	ug/l	100
18) Methyl Acetate	4.384	43	156234	53.529	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	663717	55.391	ug/l	94
20) Methylene Chloride	4.616	84	282698	46.987	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	285348	51.986	ug/l	99
22) Diisopropyl ether	6.018	45	690797	51.399	ug/l	96
23) Vinyl Acetate	5.963	43	1822354	250.506	ug/l	95
24) 1,1-Dichloroethane	5.921	63	454990	51.107	ug/l	99
25) 2-Butanone	6.896	43	346329	254.962	ug/l	98
26) 2,2-Dichloropropane	6.890	77	436383	53.419	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	348158	54.911	ug/l	95
28) Bromochloromethane	7.250	49	138645	41.717	ug/l	89
29) Tetrahydrofuran	7.262	42	193584	251.315	ug/l	93
30) Chloroform	7.420	83	521543	53.320	ug/l	100
31) Cyclohexane	7.707	56	360008	46.305	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	467412	52.584	ug/l	99
36) 1,1-Dichloropropene	7.835	75	345033	52.372	ug/l	99
37) Ethyl Acetate	6.981	43	131442	50.360	ug/l	96
38) Carbon Tetrachloride	7.823	117	427890	53.563	ug/l	99
39) Methylcyclohexane	9.109	83	454580	52.994	ug/l	99
40) Benzene	8.085	78	1117791	53.575	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	76239	54.008	ug/l		94
42) 1,2-Dichloroethane	8.158	62	273693	50.864	ug/l		97
43) Isopropyl Acetate	8.201	43	271189	52.107	ug/l	#	85
44) Trichloroethene	8.865	130	334751	54.817	ug/l		98
45) 1,2-Dichloropropane	9.140	63	246074	53.397	ug/l		98
46) Dibromomethane	9.231	93	160236	54.988	ug/l		98
47) Bromodichloromethane	9.426	83	402796	54.883	ug/l		100
48) Methyl methacrylate	9.219	41	124097	50.755	ug/l		90
49) 1,4-Dioxane	9.231	88	38729	1146.304	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	731786	272.142	ug/l		97
52) Toluene	10.170	92	751520	55.476	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	353434	55.385	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	421103	55.911	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	222722	56.837	ug/l		98
56) Ethyl methacrylate	10.438	69	271697	60.107	ug/l		93
57) 1,3-Dichloropropane	10.719	76	346039	55.727	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	547857	270.556	ug/l		97
59) 2-Hexanone	10.761	43	528461	275.001	ug/l		95
60) Dibromochloromethane	10.914	129	315067	57.348	ug/l		100
61) 1,2-Dibromoethane	11.017	107	213108	57.024	ug/l		100
64) Tetrachloroethene	10.645	164	410235	55.753	ug/l		98
65) Chlorobenzene	11.444	112	872090	56.267	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	311946	56.479	ug/l		99
67) Ethyl Benzene	11.517	91	1418642	56.546	ug/l		99
68) m/p-Xylenes	11.627	106	1162639	115.537	ug/l		98
69) o-Xylene	11.956	106	555086	58.810	ug/l		97
70) Styrene	11.968	104	915552	58.986	ug/l		99
71) Bromoform	12.133	173	198287	57.877	ug/l	#	100
73) Isopropylbenzene	12.255	105	1427449	56.959	ug/l		100
74) N-amyl acetate	12.072	43	240539	53.438	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	228057	55.639	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	168230m	50.142	ug/l		
77) Bromobenzene	12.529	156	372577	55.922	ug/l		98
78) n-propylbenzene	12.596	91	1644549	56.707	ug/l		99
79) 2-Chlorotoluene	12.682	91	947547	55.795	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	1157792	57.172	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	77712	56.799	ug/l		95
82) 4-Chlorotoluene	12.779	91	966872	55.281	ug/l		98
83) tert-Butylbenzene	12.993	119	1094487	58.535	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	1158715	57.333	ug/l		100
85) sec-Butylbenzene	13.175	105	1549057	57.753	ug/l		100
86) p-Isopropyltoluene	13.291	119	1337700	58.577	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	720888	55.564	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	713367	55.673	ug/l		100
89) n-Butylbenzene	13.614	91	1156866	58.138	ug/l		99
90) Hexachloroethane	13.877	117	266678	54.294	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	642214	56.461	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	35210	52.353	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	405098	57.127	ug/l		99
94) Hexachlorobutadiene	15.023	225	244033	55.207	ug/l		100
95) Naphthalene	15.145	128	662767	58.694	ug/l		100
96) 1,2,3-Trichlorobenzene	15.327	180	346789	56.460	ug/l		99

Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

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

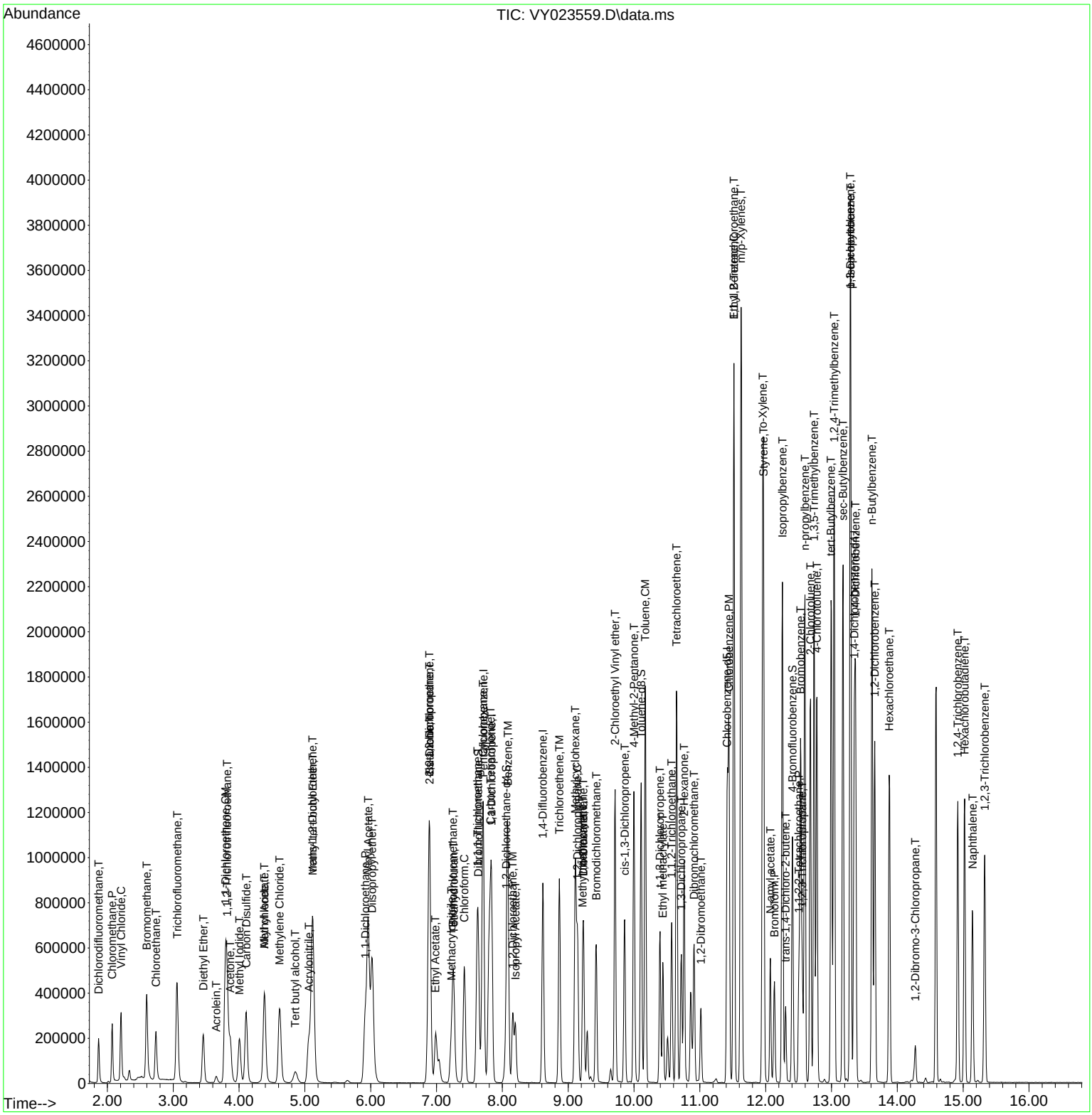
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

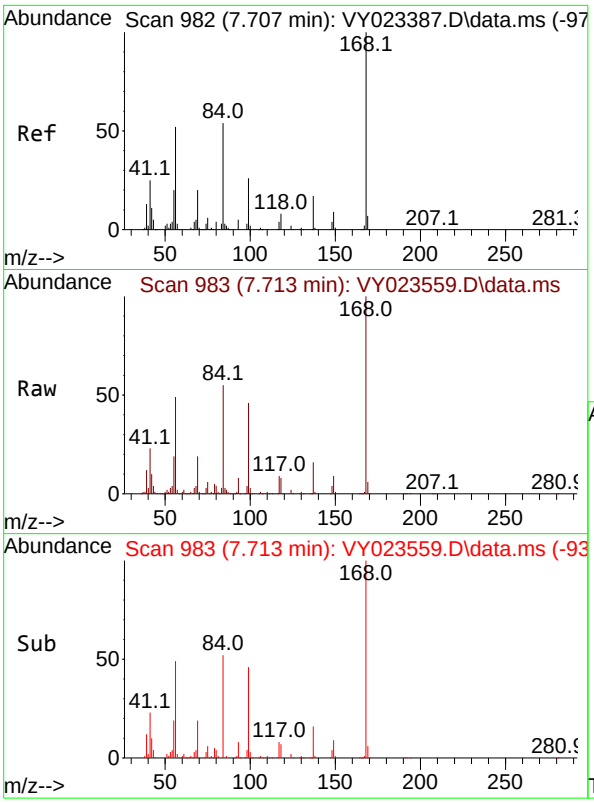
Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

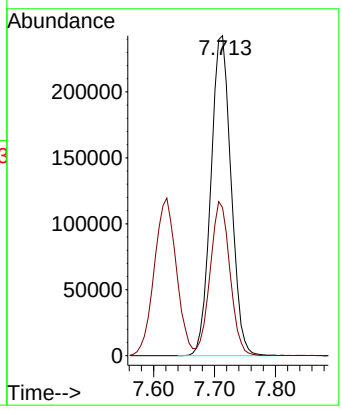




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:168 Resp: 55890

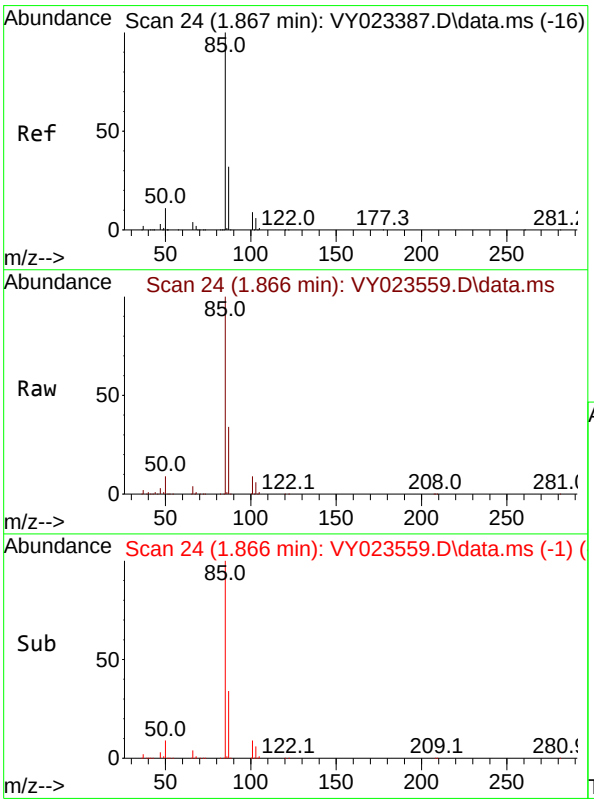
Ion	Ratio	Lower	Upper
168	100		
99	46.3	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

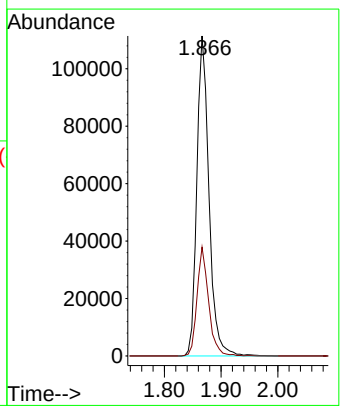
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

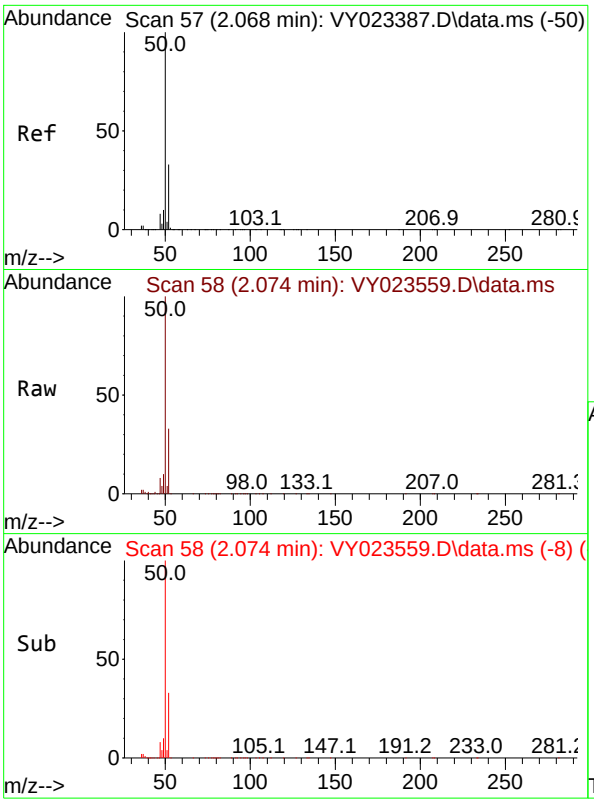


#2
Dichlorodifluoromethane
Concen: 41.129 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 85 Resp: 165459

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.0	47.9

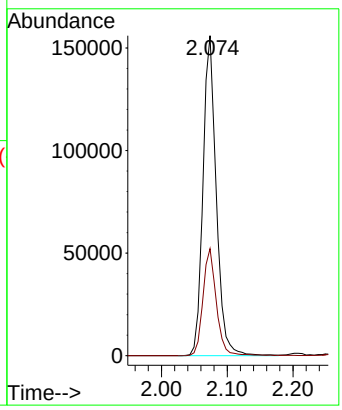




#3
Chloromethane
Concen: 40.052 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 50 Resp: 21949

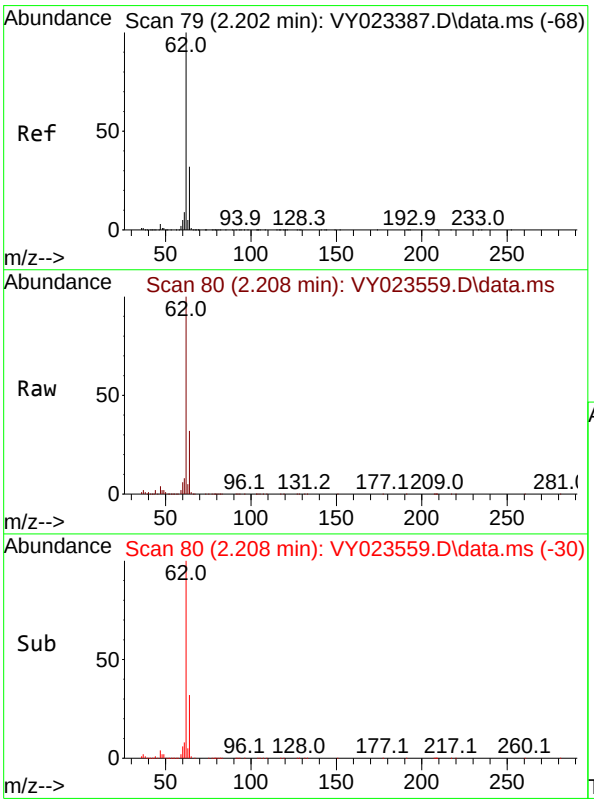
Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

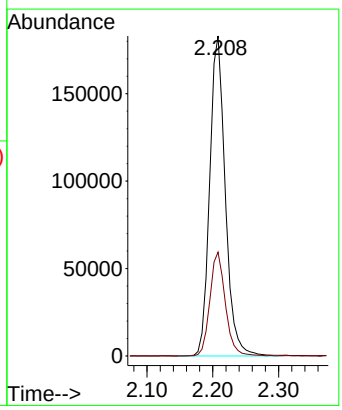
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

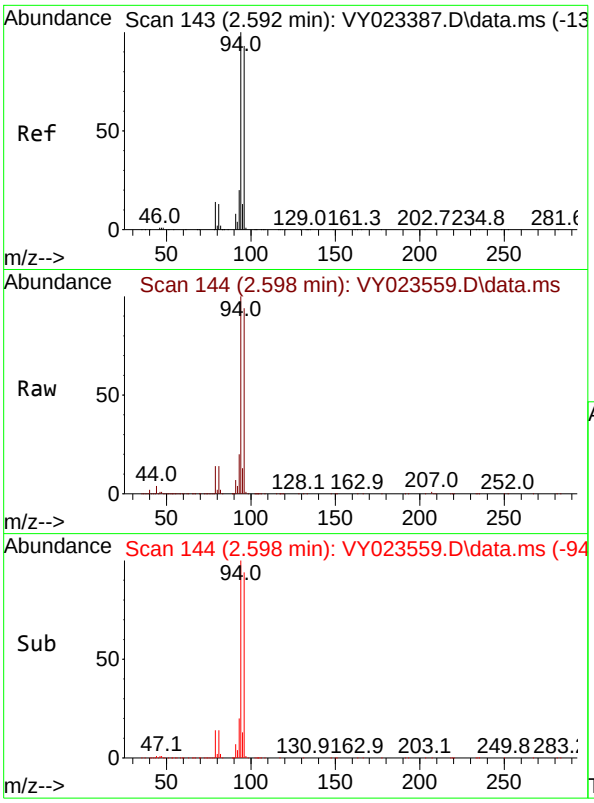


#4
Vinyl Chloride
Concen: 42.285 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 301831

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8

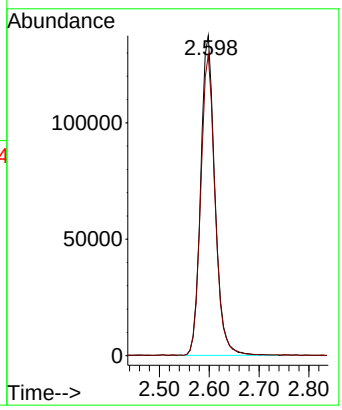




#5
Bromomethane
Concen: 45.475 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 94 Resp: 27240

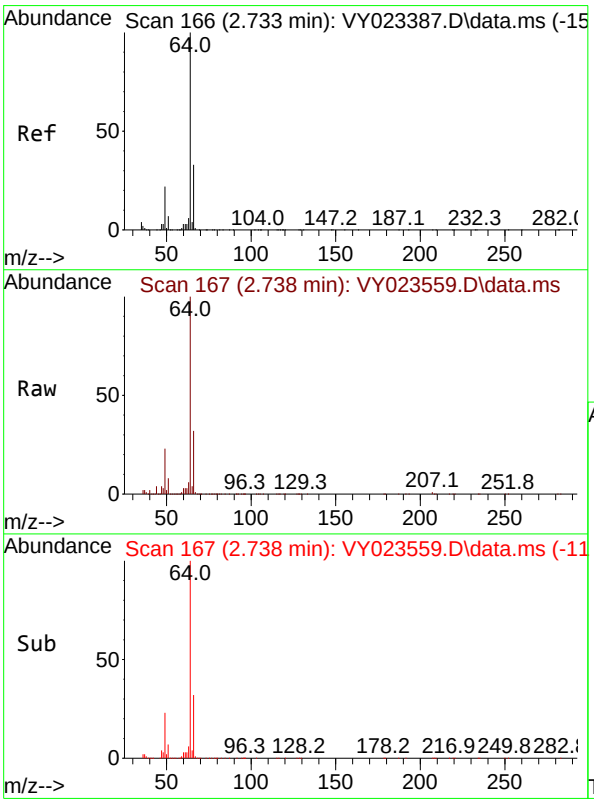
Ion	Ratio	Lower	Upper
94	100		
96	93.9	74.5	111.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

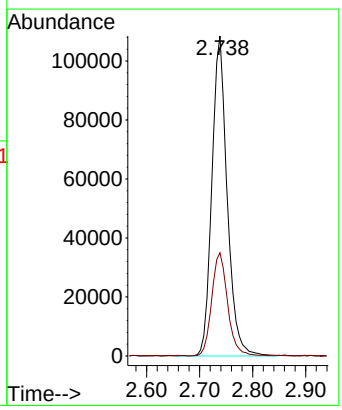
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

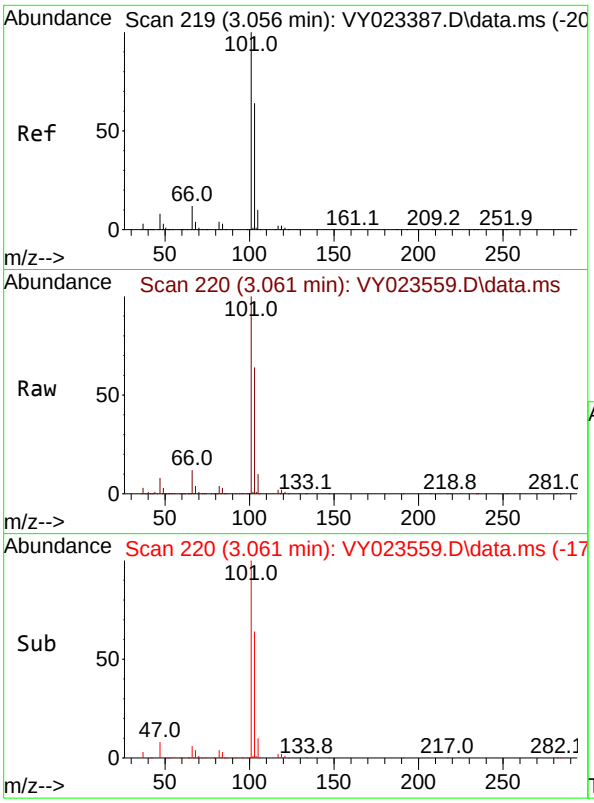


#6
Chloroethane
Concen: 44.661 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 64 Resp: 217301

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.2	39.4





#7
Trichlorofluoromethane
Concen: 47.584 ug/l
RT: 3.061 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

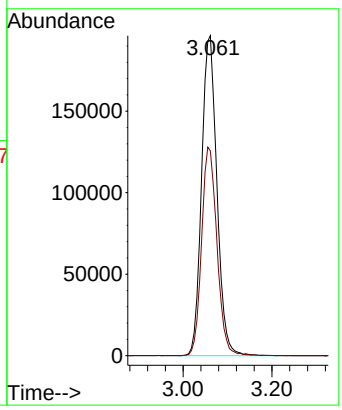
Tgt Ion:101 Resp: 47160

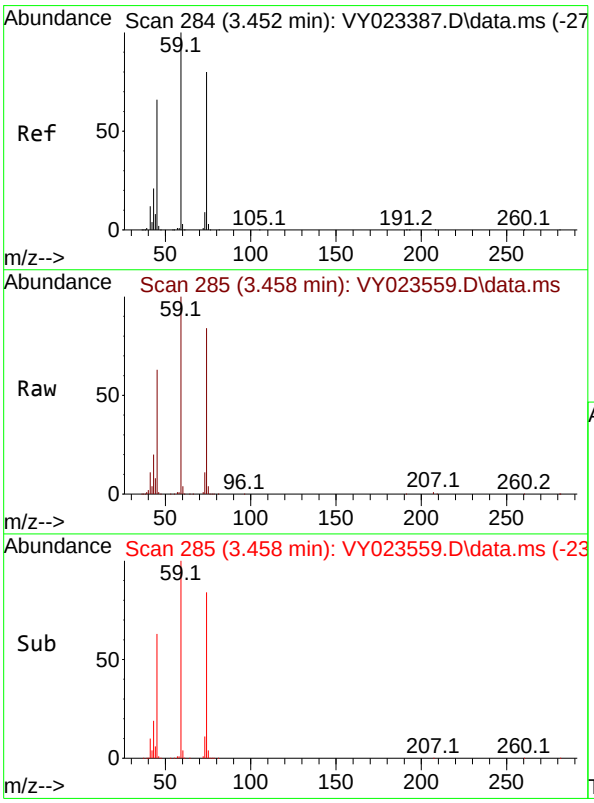
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.3	76.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

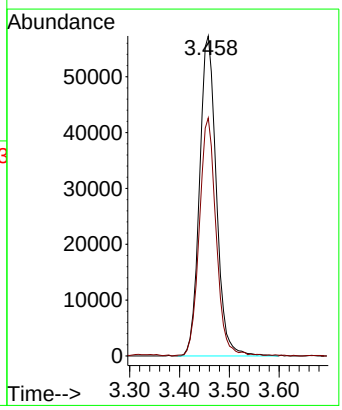


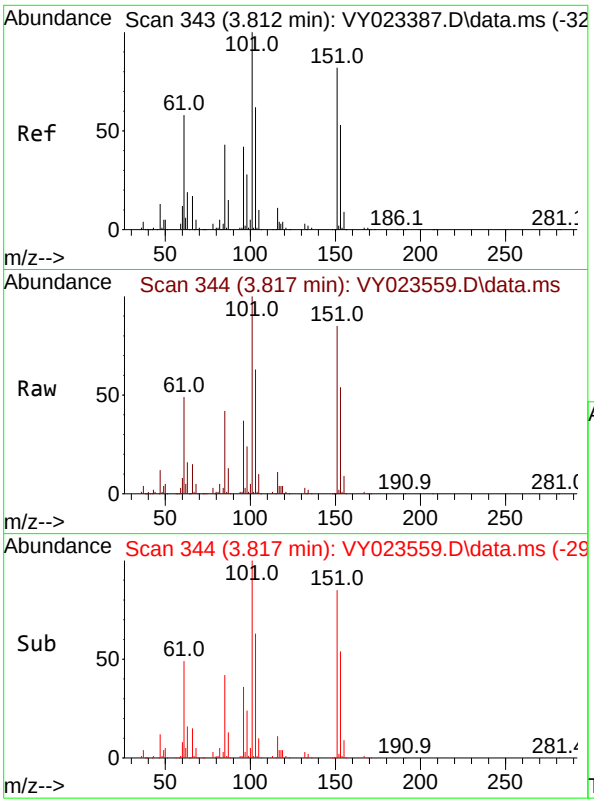


#8
Diethyl Ether
Concen: 51.703 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 74 Resp: 133898

Ion	Ratio	Lower	Upper
74	100		
45	74.5	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.306 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

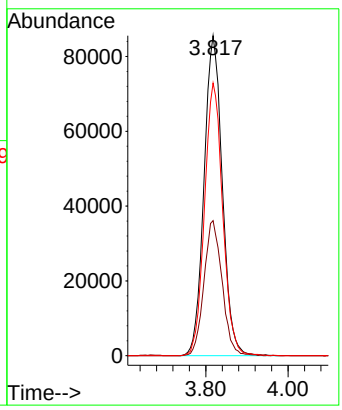
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

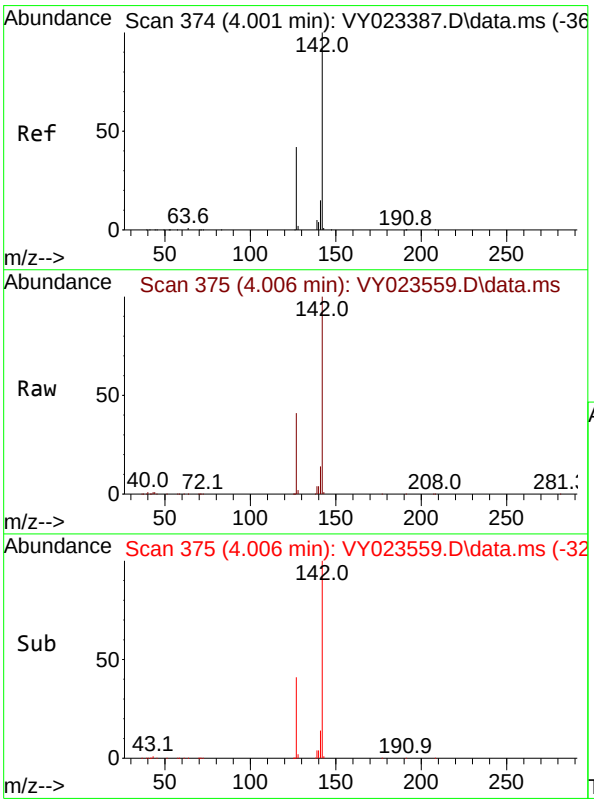
Tgt Ion:101 Resp: 26386

Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.6	51.8
151	85.0	67.0	100.6

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

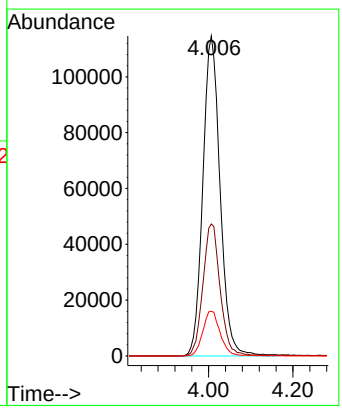


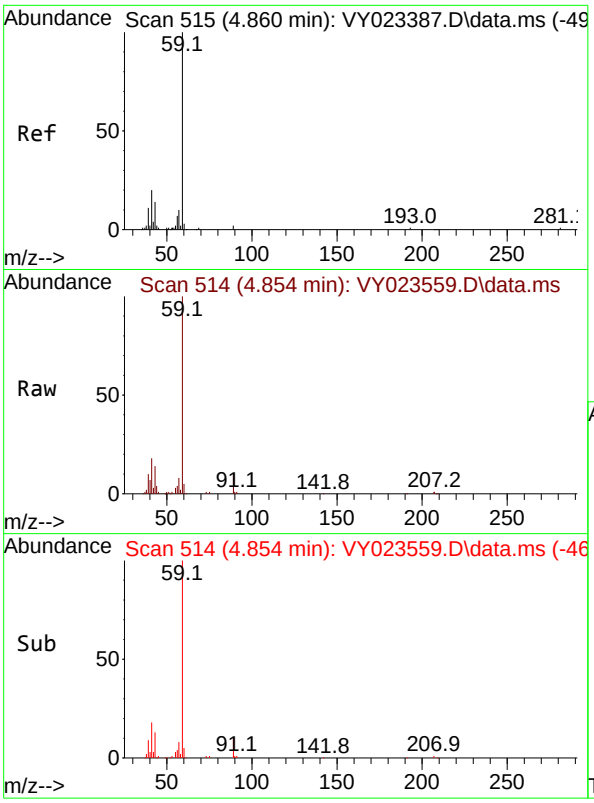


#10
Methyl Iodide
Concen: 57.032 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:142 Resp: 326535

Ion	Ratio	Lower	Upper
142	100		
127	41.1	34.8	52.2
141	14.0	11.6	17.4

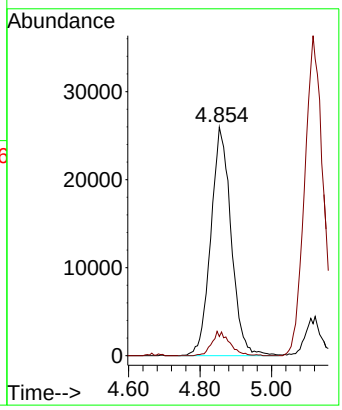




#11
Tert butyl alcohol
Concen: 294.878 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 59 Resp: 10252

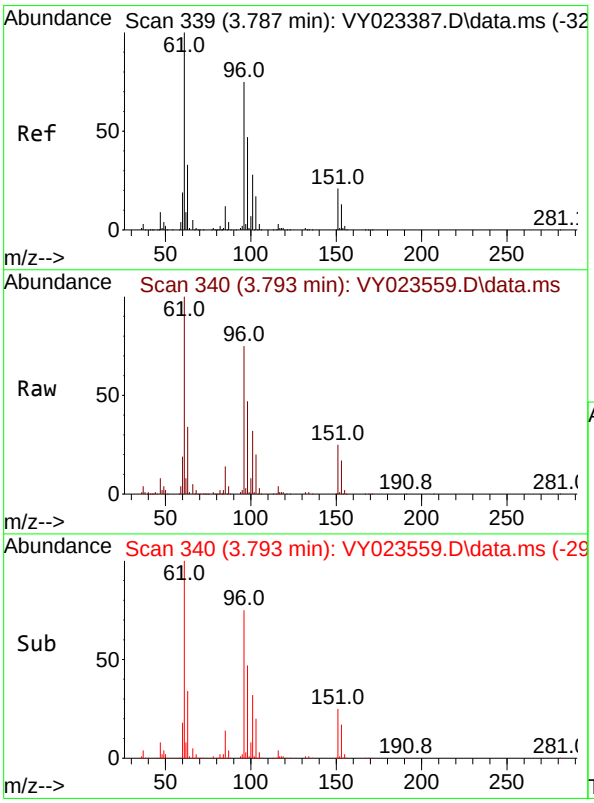
Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

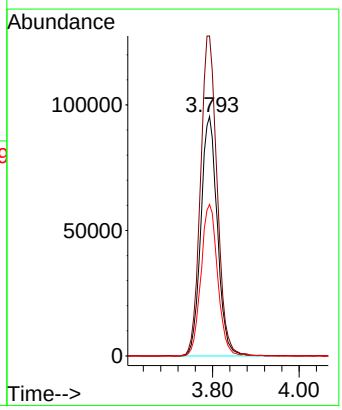
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

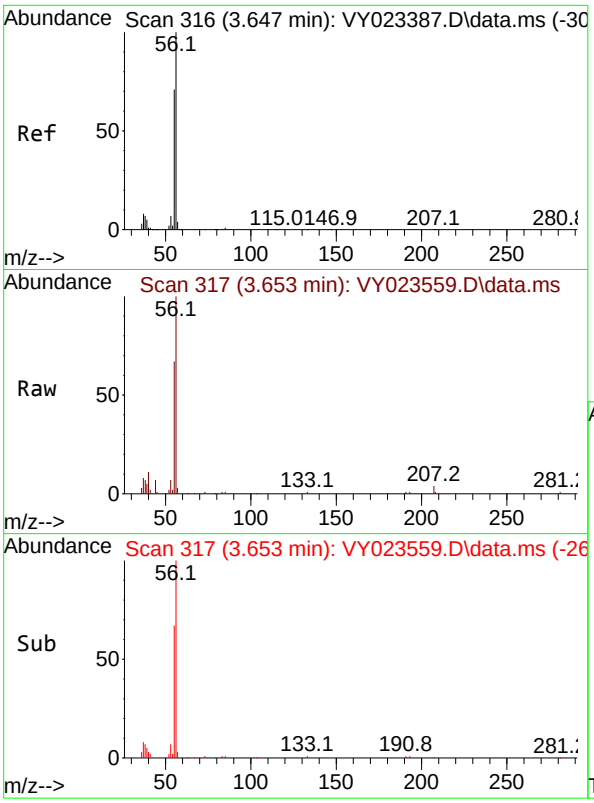


#12
1,1-Dichloroethene
Concen: 50.504 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 96 Resp: 251789

Ion	Ratio	Lower	Upper
96	100		
61	133.6	106.7	160.1
98	63.3	50.2	75.4

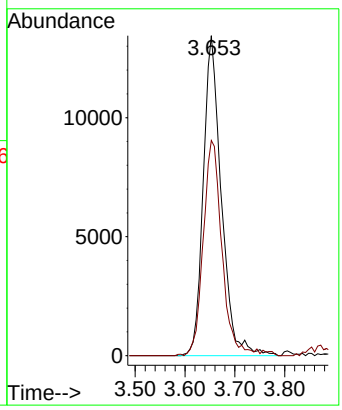




#13
Acrolein
Concen: 68.867 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 56 Resp: 3383

Ion	Ratio	Lower	Upper
56	100		
55	69.0	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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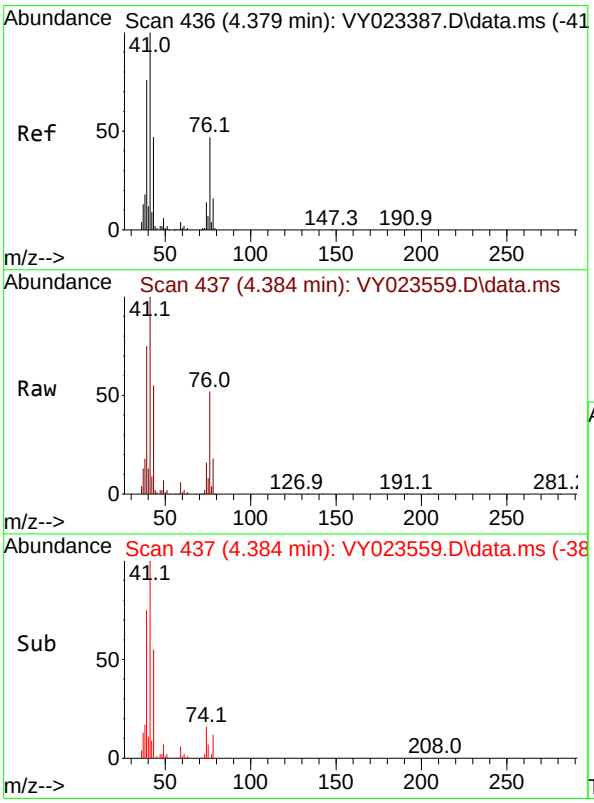
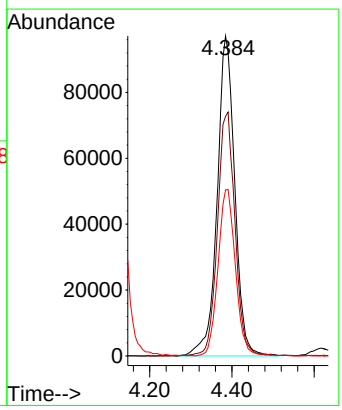
Supervised By :Mahesh Dadoda 10/27/2025

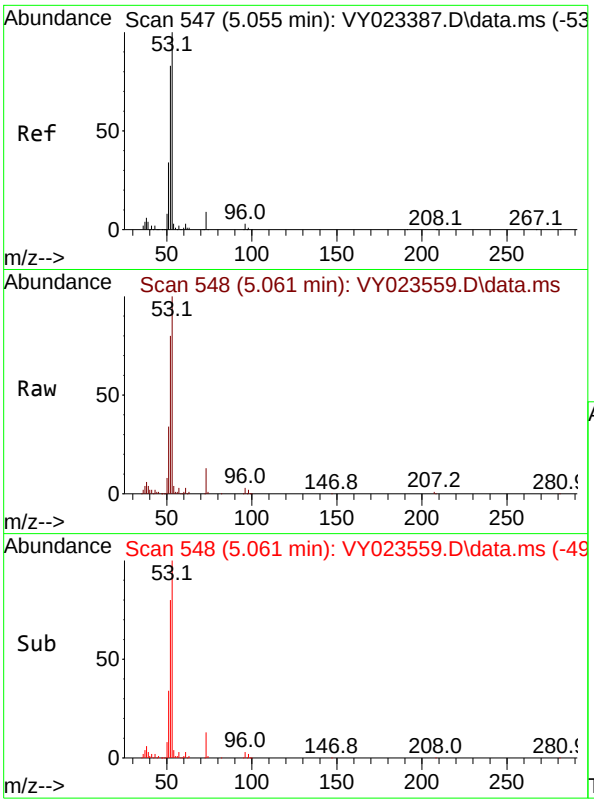


#14
Allyl chloride
Concen: 47.575 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 289064

Ion	Ratio	Lower	Upper
41	100		
39	76.1	59.9	89.9
76	51.5	38.0	57.0

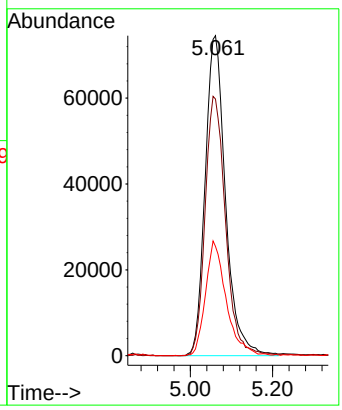




#15
Acrylonitrile
Concen: 258.449 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 53 Resp: 25614

Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.6	97.0
51	36.4	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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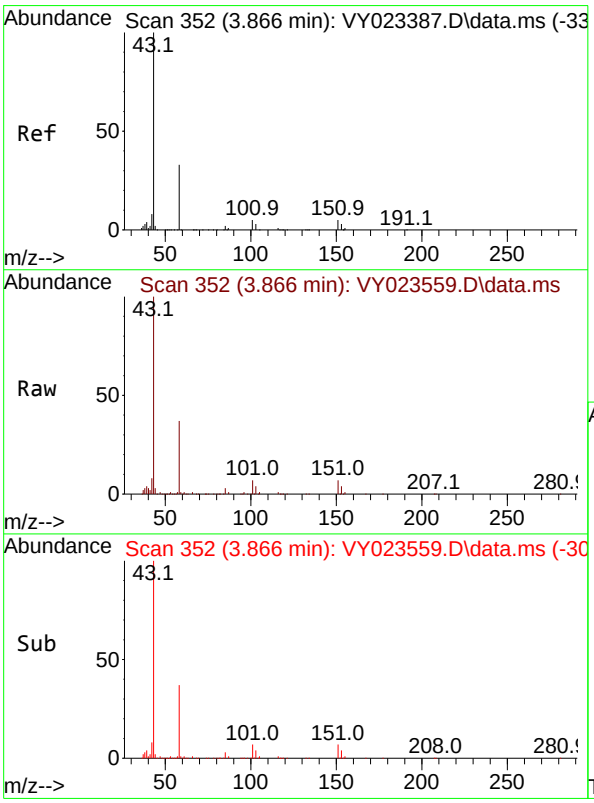
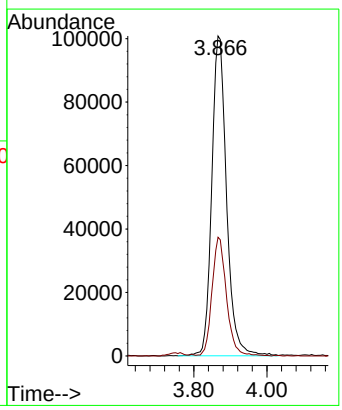
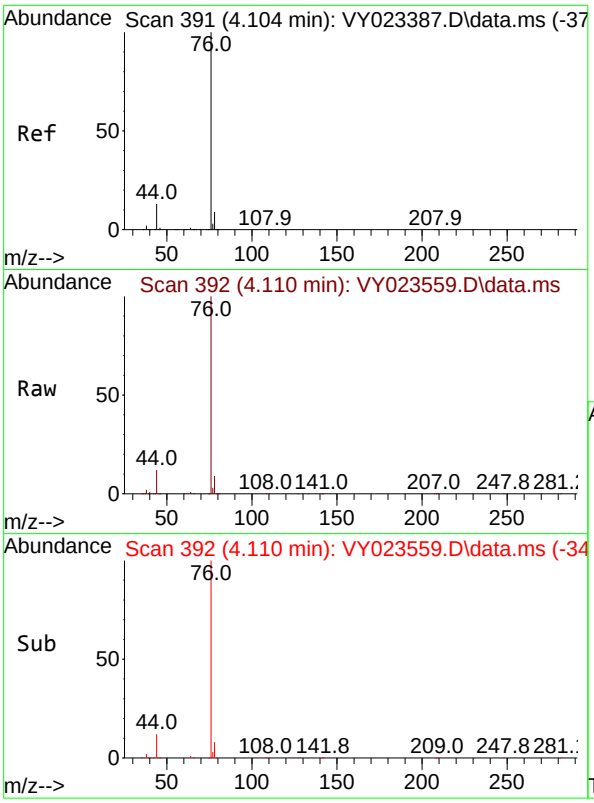


#16
Acetone
Concen: 253.570 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 282132

Ion	Ratio	Lower	Upper
43	100		
58	37.0	27.7	41.5

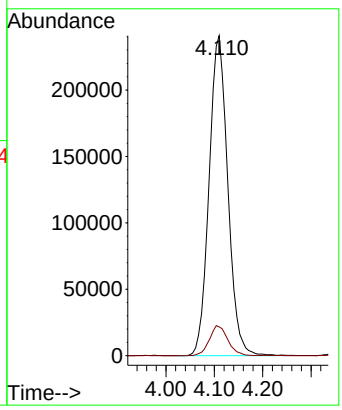




#17
Carbon Disulfide
Concen: 45.399 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 76 Resp: 64780

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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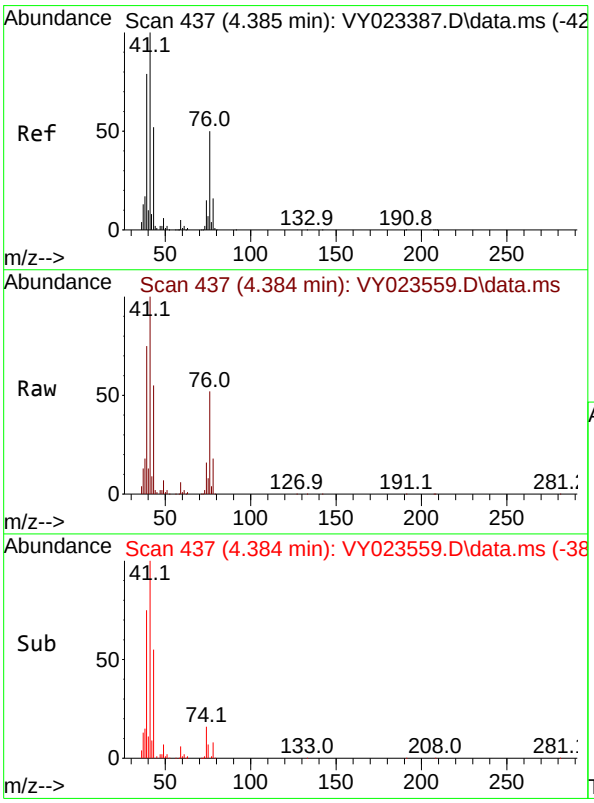
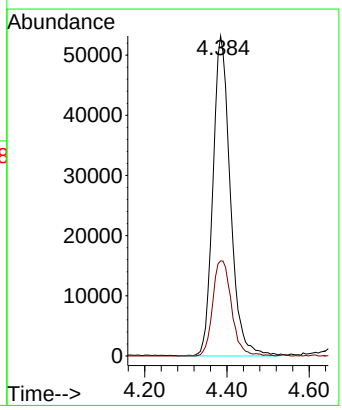
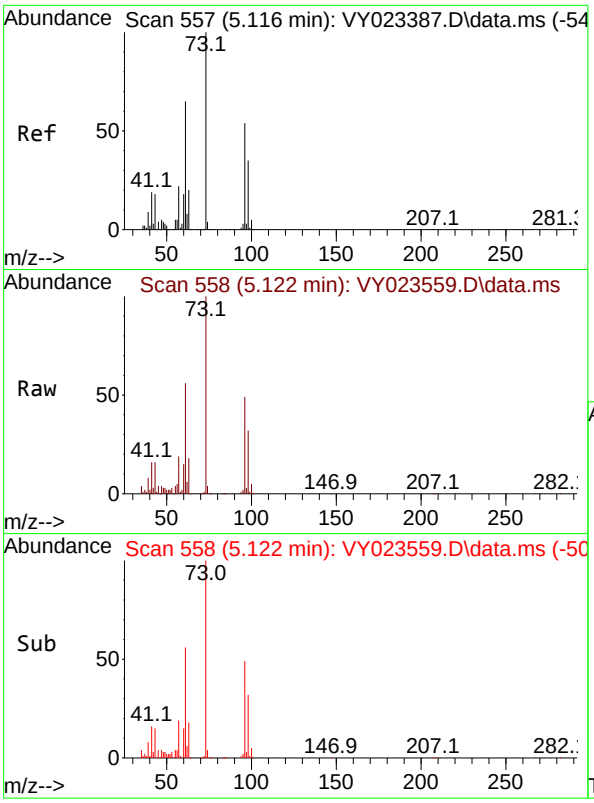


#18
Methyl Acetate
Concen: 53.529 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 156234

Ion	Ratio	Lower	Upper
43	100		
74	32.2	24.2	36.4





#19
Methyl tert-butyl Ether
Concen: 55.391 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 73 Resp: 6637

Ion	Ratio	Lower	Upper
73	100		
57	18.8	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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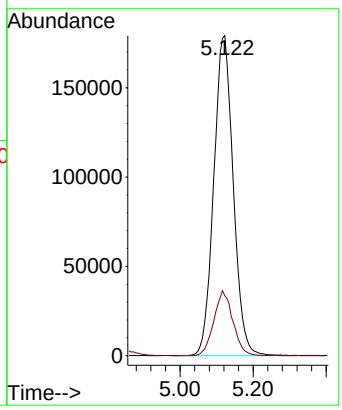
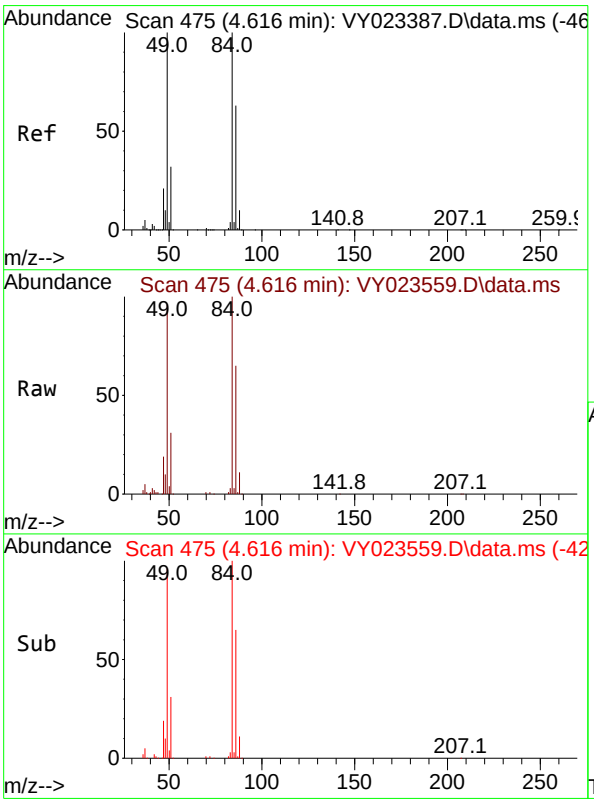
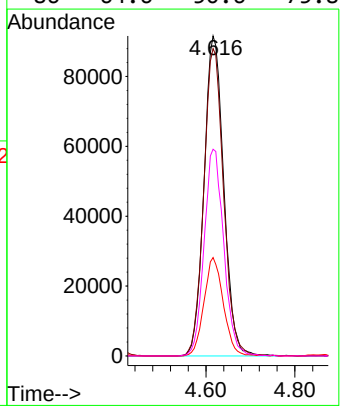


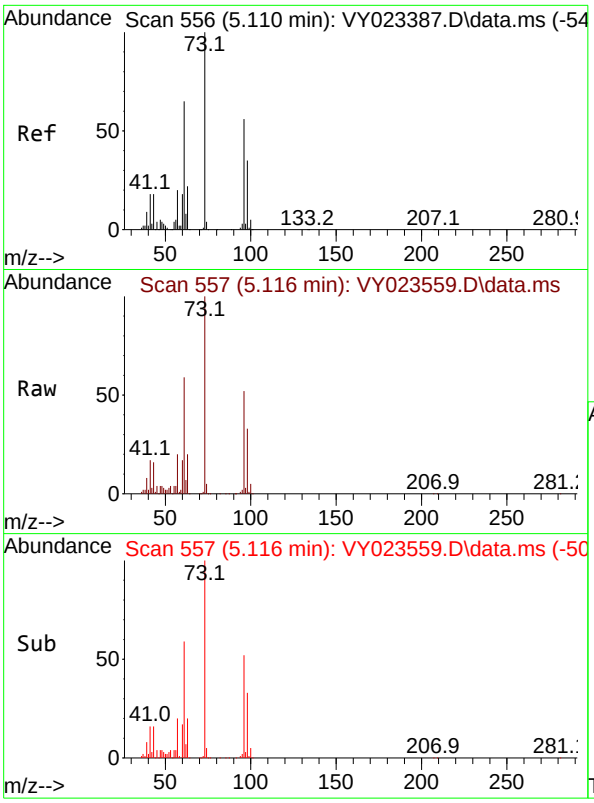


#20
Methylene Chloride
Concen: 46.987 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 84 Resp: 282698

Ion	Ratio	Lower	Upper
84	100		
49	96.0	80.2	120.4
51	30.8	25.9	38.9
86	64.6	50.6	75.8

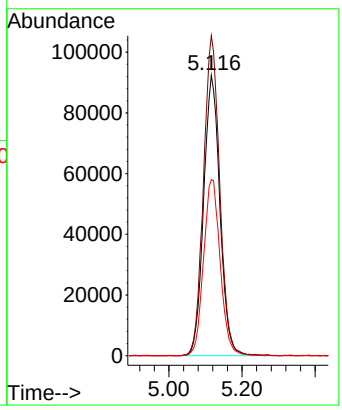




#21
trans-1,2-Dichloroethene
Concen: 51.986 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 96 Resp: 28534

Ion	Ratio	Lower	Upper
96	100		
61	114.1	92.7	139.1
98	62.8	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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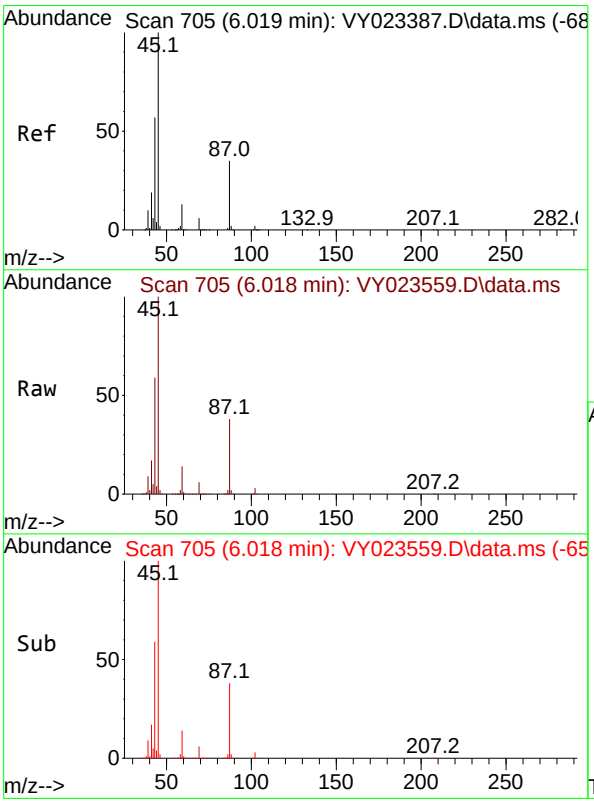
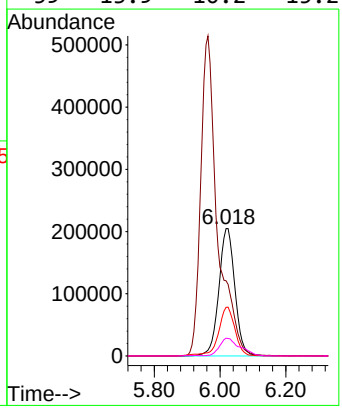
Supervised By :Mahesh Dadoda 10/27/2025

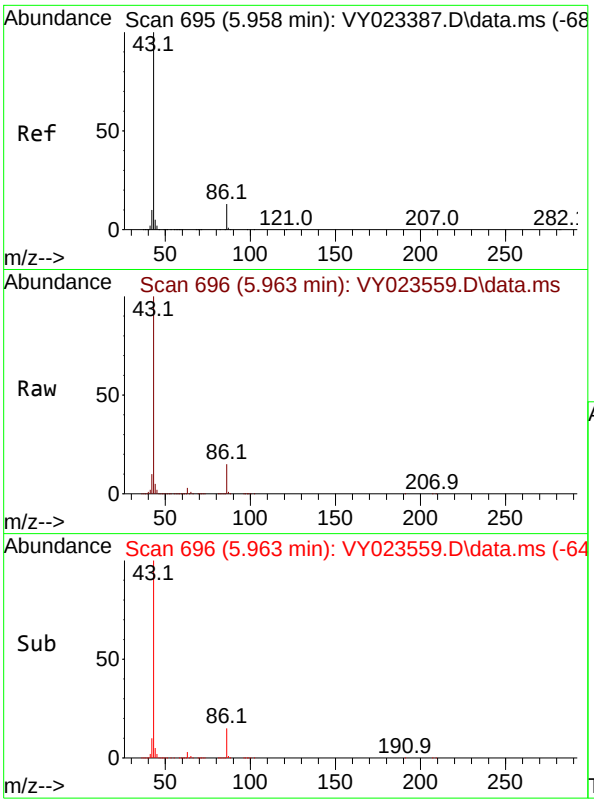


#22
Diisopropyl ether
Concen: 51.399 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 45 Resp: 690797

Ion	Ratio	Lower	Upper
45	100		
43	59.1	45.6	68.4
87	38.2	28.1	42.1
59	13.9	10.2	15.2





#23
Vinyl Acetate
Concen: 250.506 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 182235

Ion	Ratio	Lower	Upper
43	100		
86	15.1	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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Reviewed By :Amit Patel 10/27/2025
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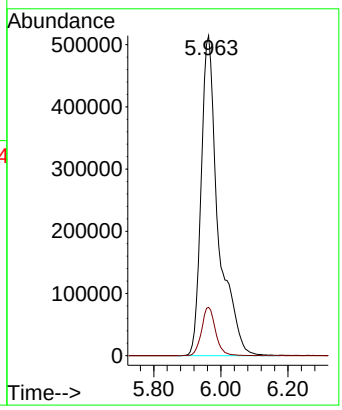
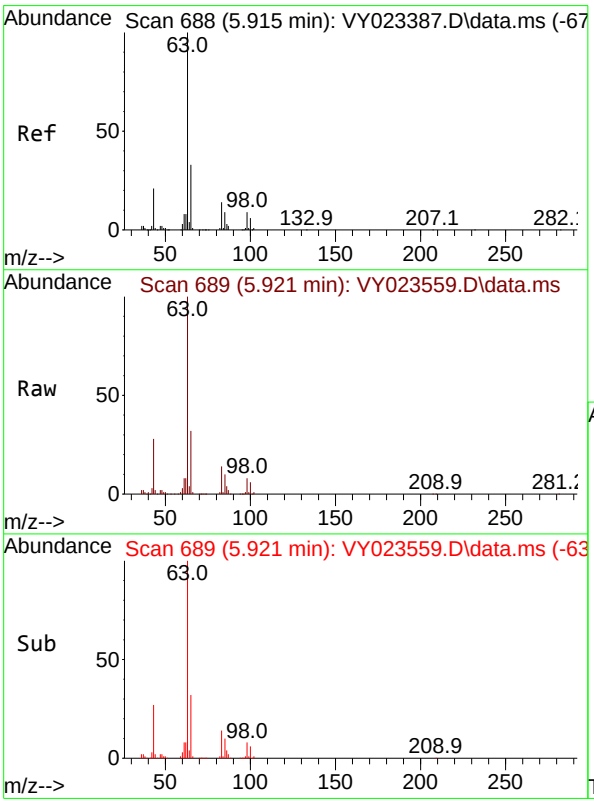
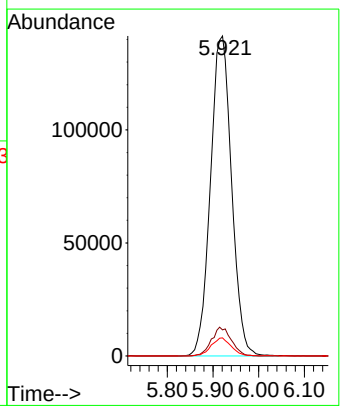


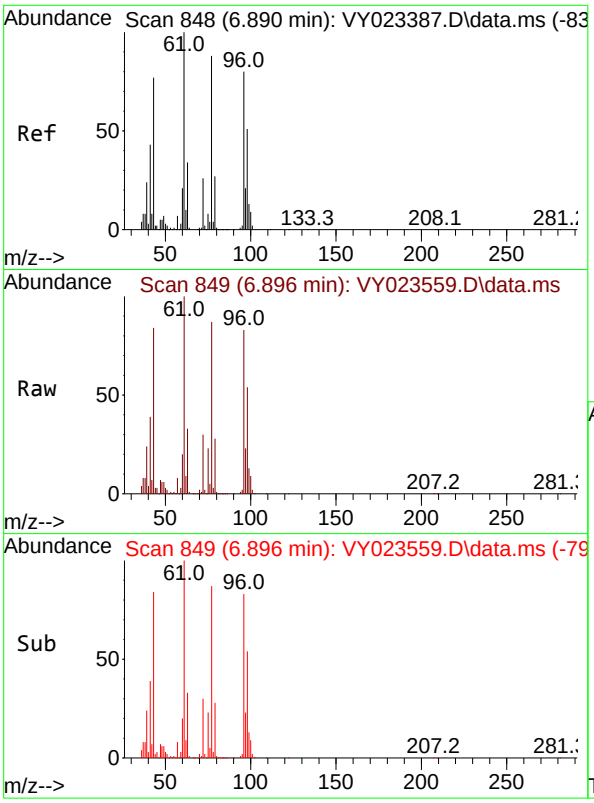


#24
1,1-Dichloroethane
Concen: 51.107 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 454990

Ion	Ratio	Lower	Upper
63	100		
98	8.2	4.3	13.1
100	5.7	2.8	8.4





#25
2-Butanone
Concen: 254.962 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 34632

Ion	Ratio	Lower	Upper
43	100		
72	35.7	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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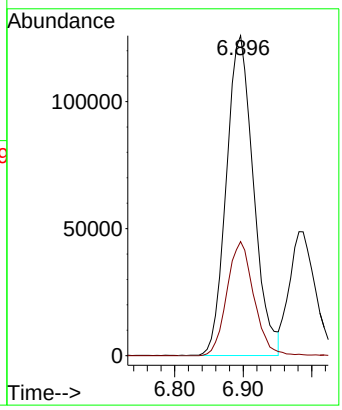
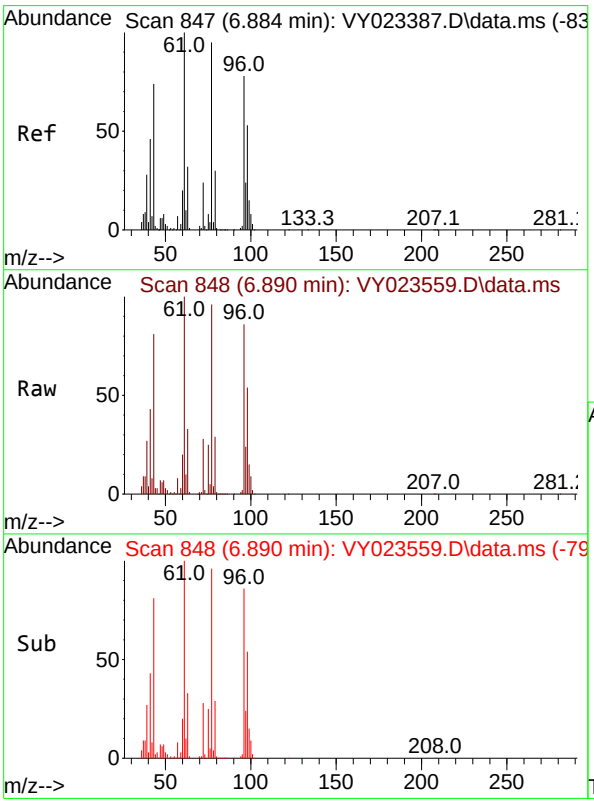
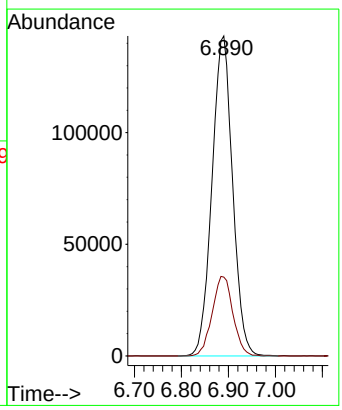


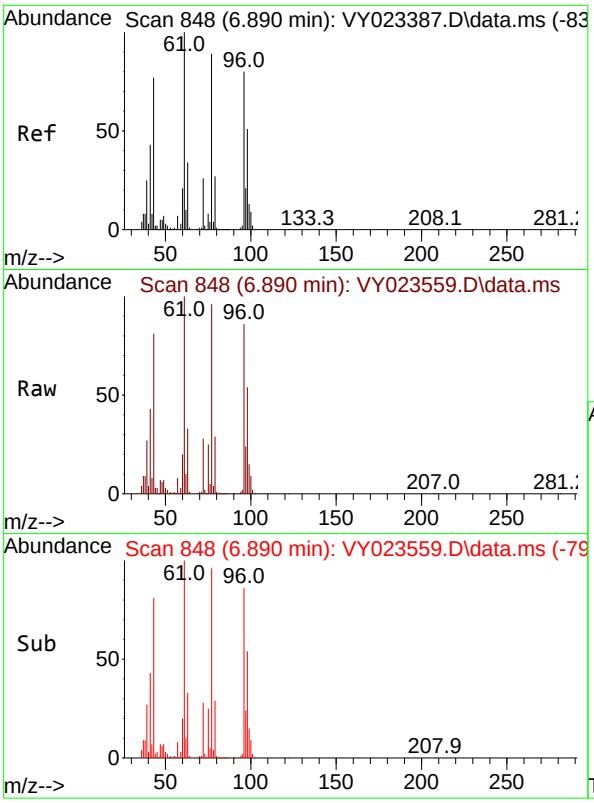


#26
2,2-Dichloropropane
Concen: 53.419 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 77 Resp: 436383

Ion	Ratio	Lower	Upper
77	100		
97	25.0	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 54.911 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 96 Resp: 34815

Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	258.2
98	64.9	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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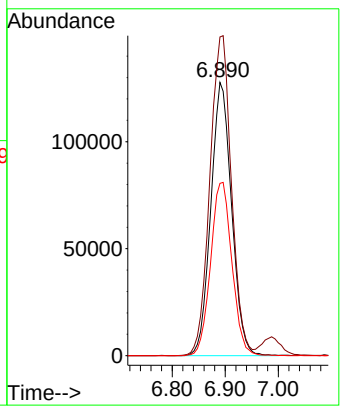
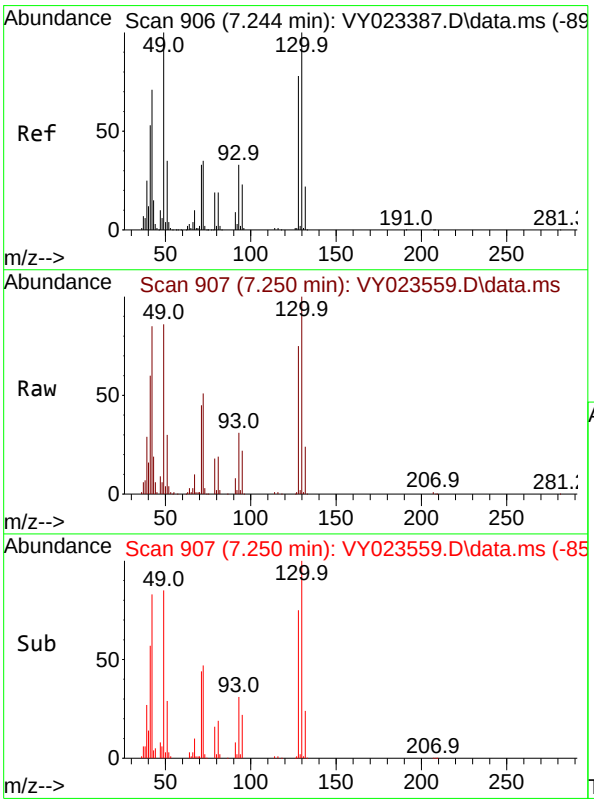
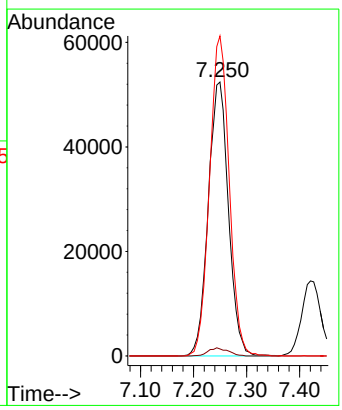


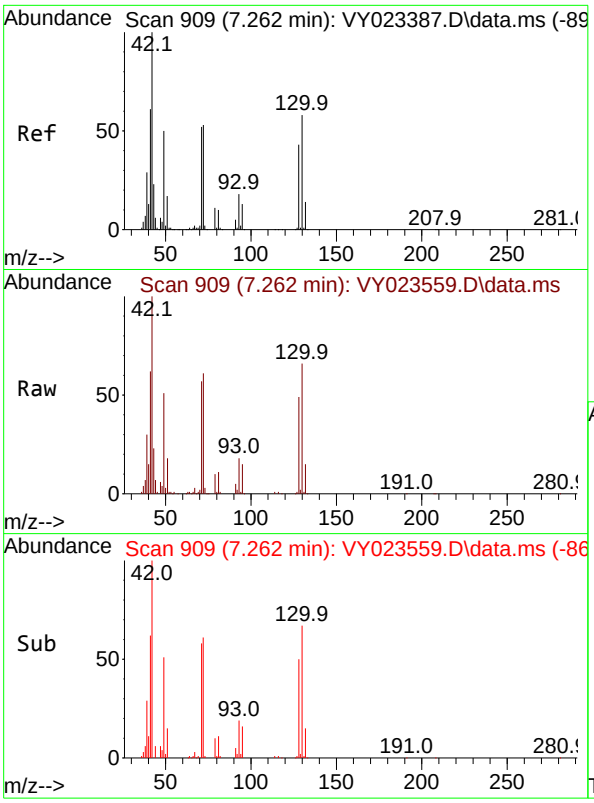


#28
Bromochloromethane
Concen: 41.717 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 49 Resp: 138645

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	113.9	81.9	122.9





#29
Tetrahydrofuran
Concen: 251.315 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 42 Resp: 19358

Ion	Ratio	Lower	Upper
42	100		
72	59.3	43.0	64.6
71	54.8	40.1	60.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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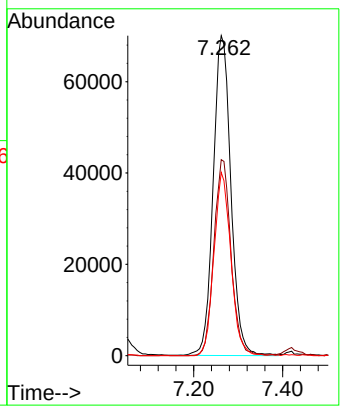
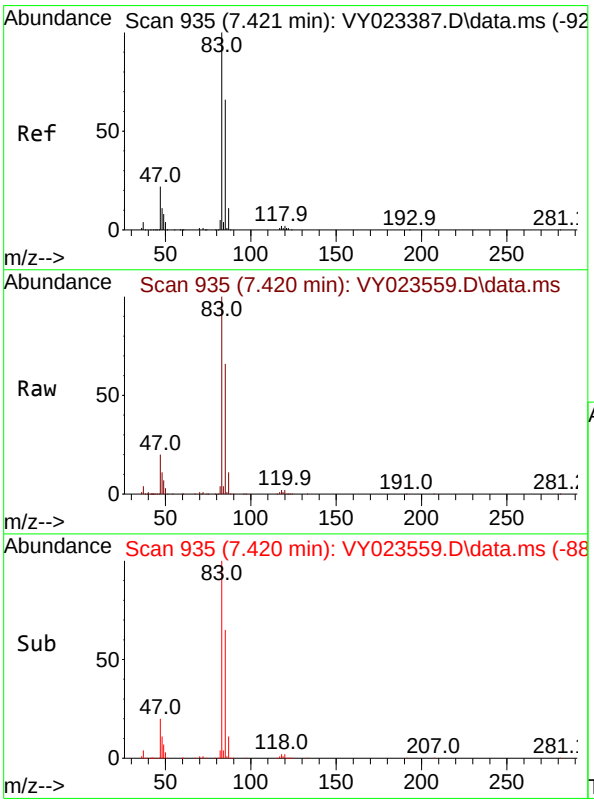
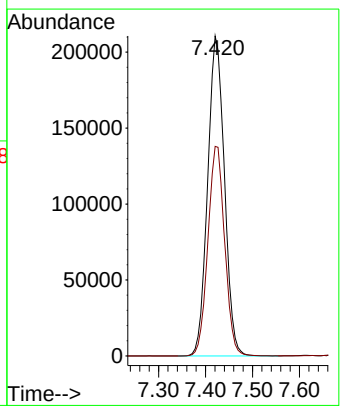


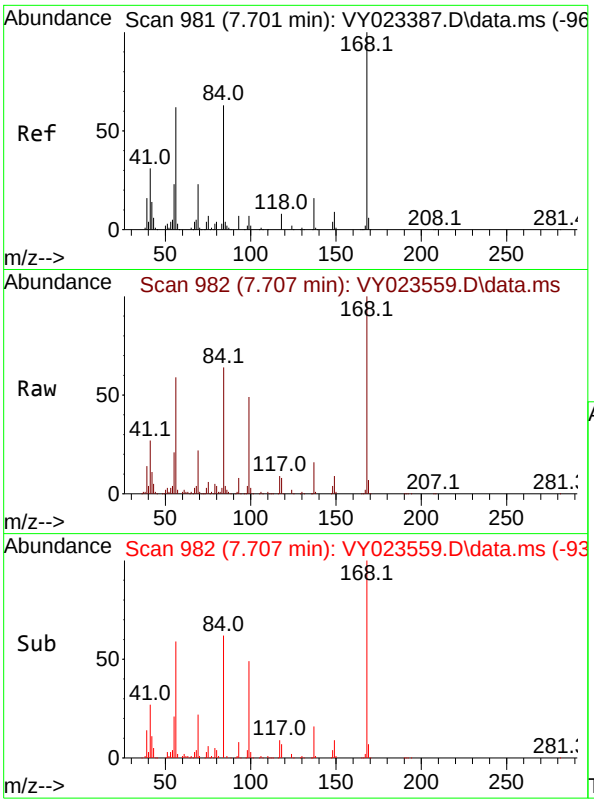


#30
Chloroform
Concen: 53.320 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 83 Resp: 521543

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7

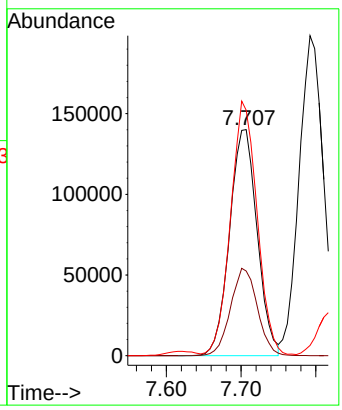




#31
Cyclohexane
Concen: 46.305 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 56 Resp: 36000

Ion	Ratio	Lower	Upper
56	100		
69	37.4	30.0	45.0
84	106.6	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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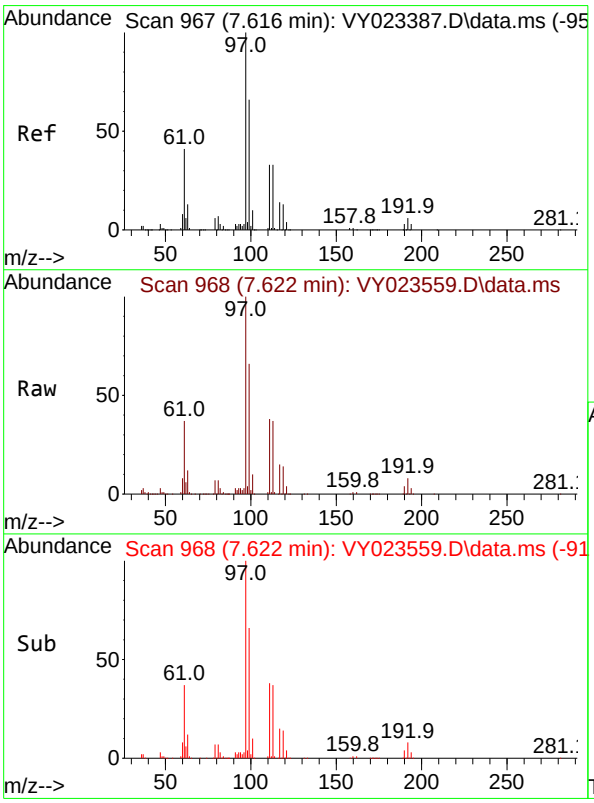
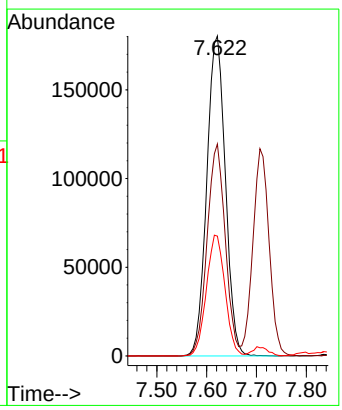
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

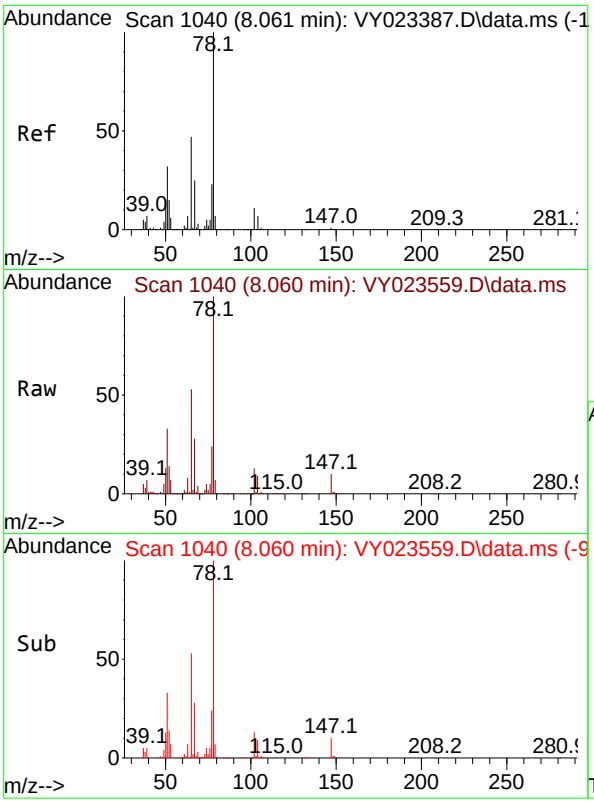


#32
1,1,1-Trichloroethane
Concen: 52.584 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 97 Resp: 467412

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	37.9	31.9	47.9

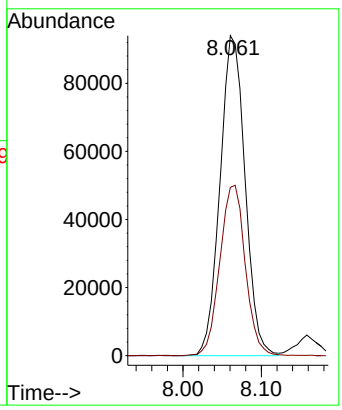




#33
1,2-Dichloroethane-d4
Concen: 44.694 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 65 Resp: 20888

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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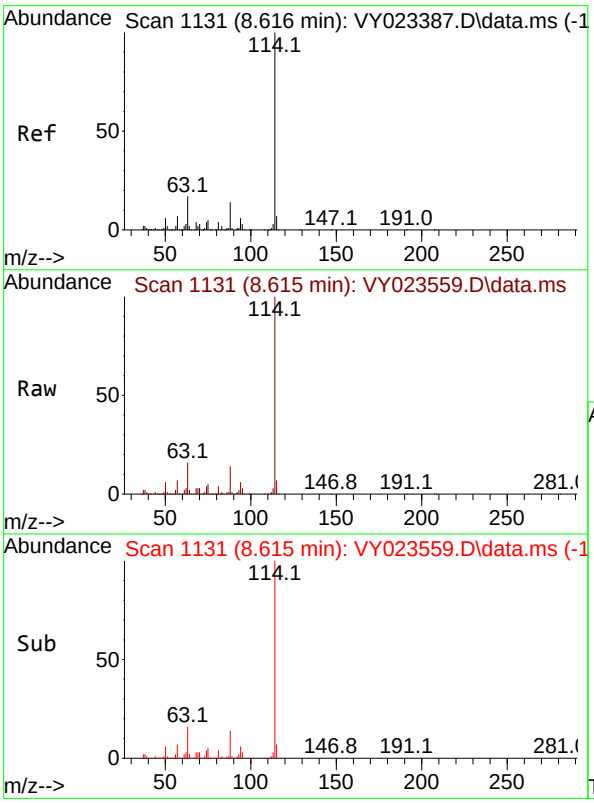
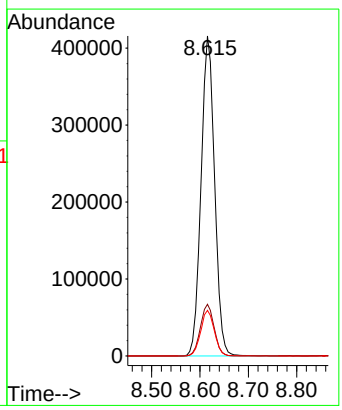
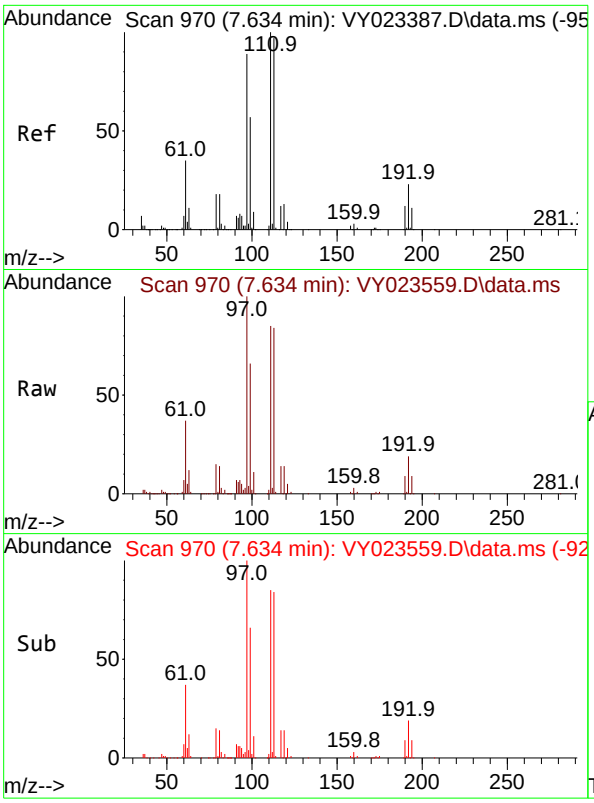


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:114 Resp: 809883

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.2
88	14.2	0.0	28.4

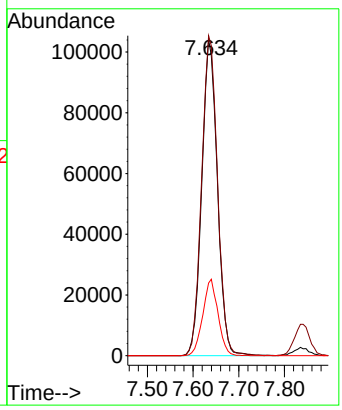




#35
Dibromofluoromethane
Concen: 49.453 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:113 Resp: 24609

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	23.7	18.0	27.0



Instrument :
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ClientSampleId :
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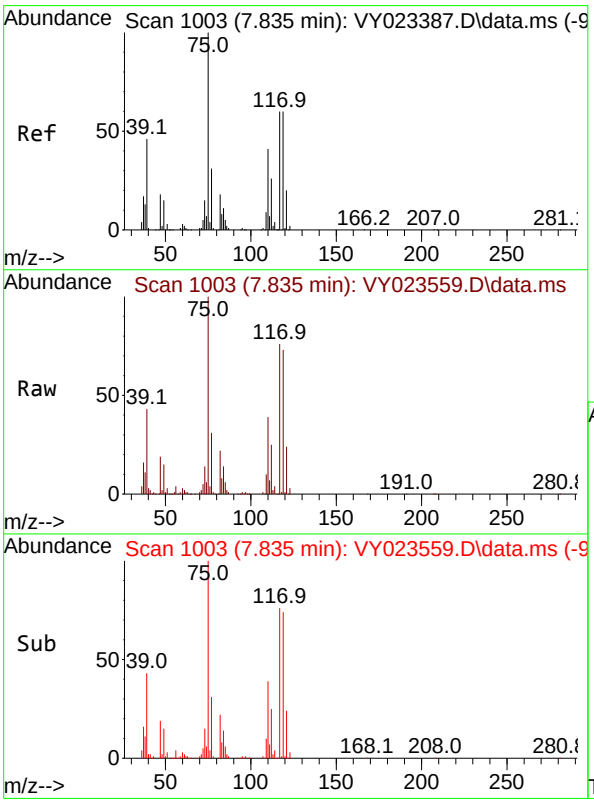
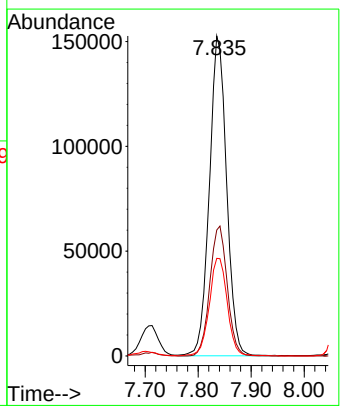
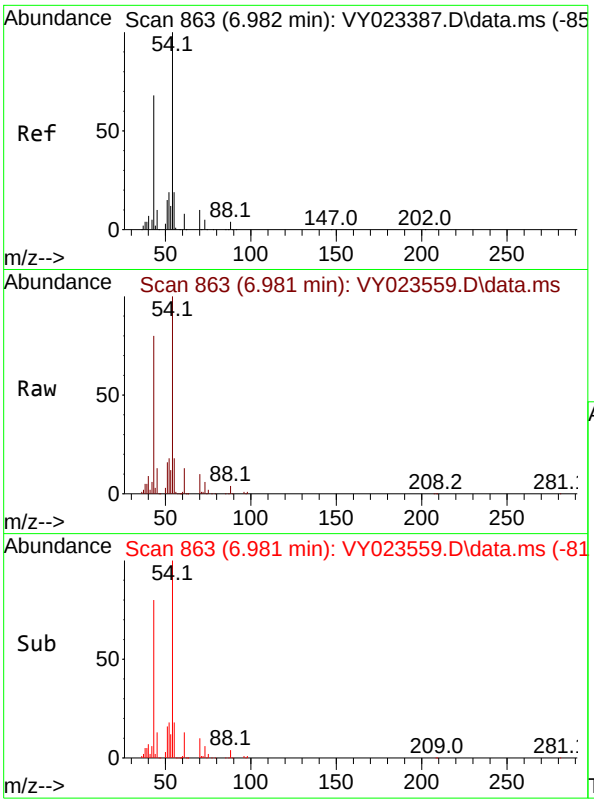


#36
1,1-Dichloropropene
Concen: 52.372 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 345033

Ion	Ratio	Lower	Upper
75	100		
110	40.9	19.9	59.7
77	31.6	25.0	37.6





#37
Ethyl Acetate
Concen: 50.360 ug/l
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 13144

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.8
70	14.0	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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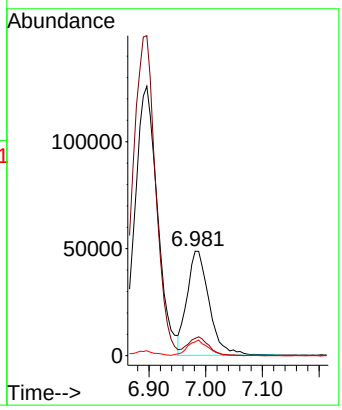
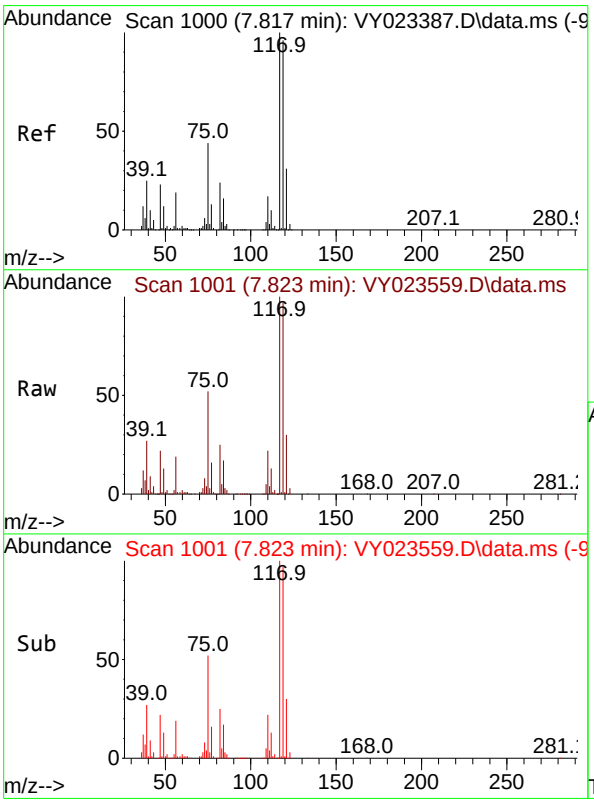
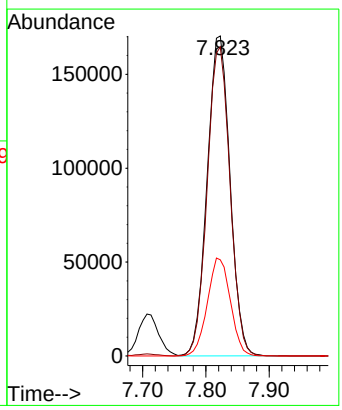


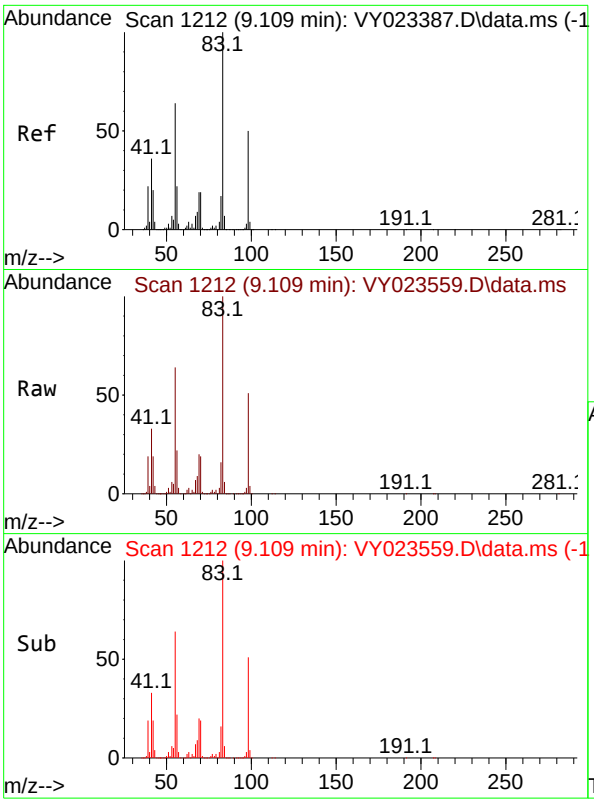


#38
Carbon Tetrachloride
Concen: 53.563 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:117 Resp: 427890

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
121	30.1	24.5	36.7





#39
Methylcyclohexane
Concen: 52.994 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 83 Resp: 45458

Ion	Ratio	Lower	Upper
83	100		
55	63.7	51.4	77.2
98	50.6	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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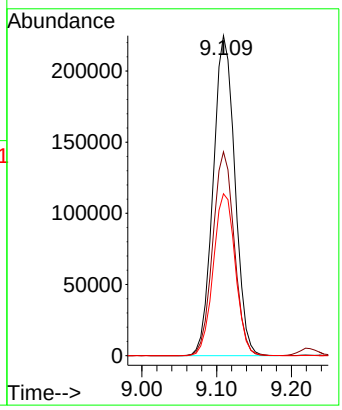
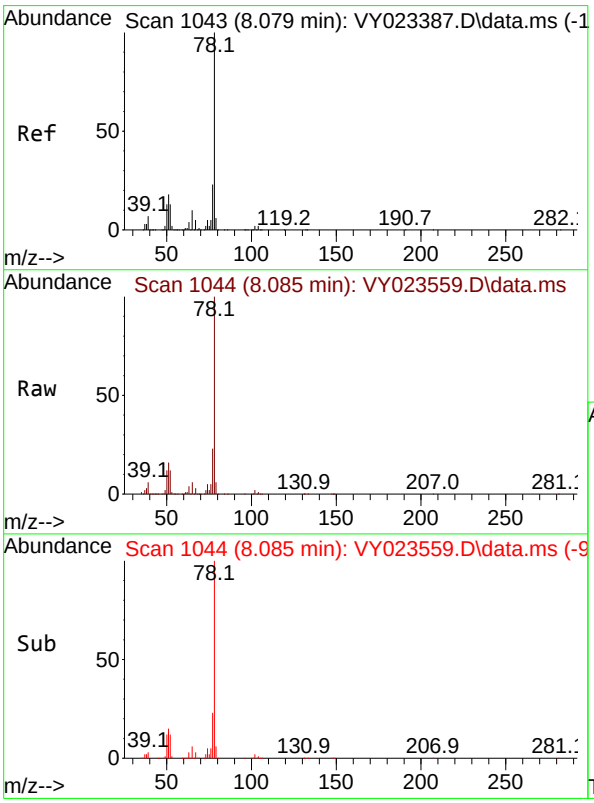
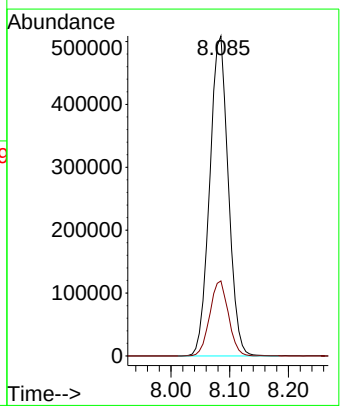


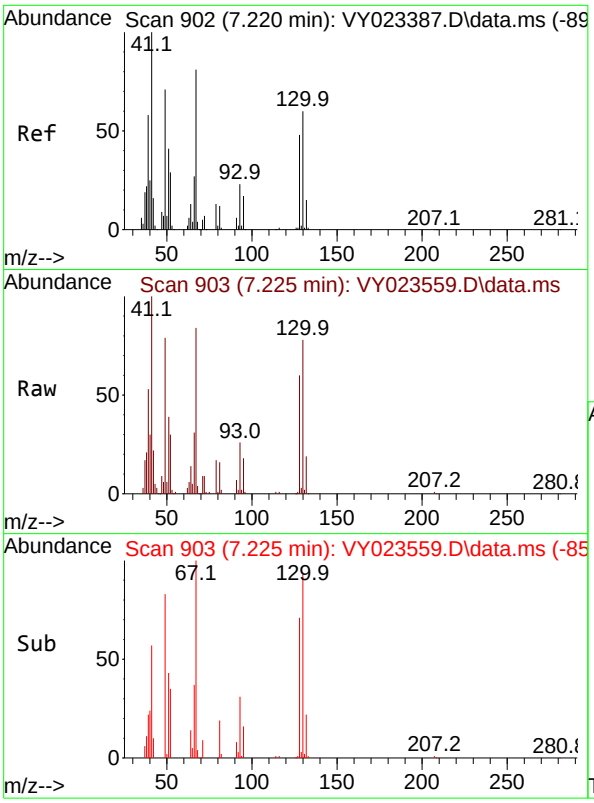


#40
Benzene
Concen: 53.575 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 78 Resp: 1117791

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5

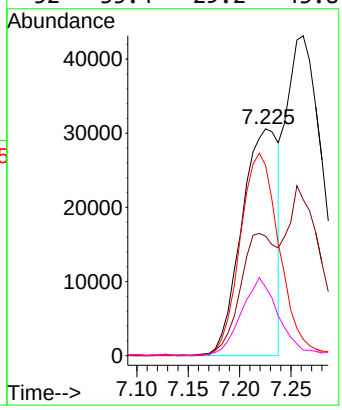




#41
Methacrylonitrile
Concen: 54.008 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 7623

Ion	Ratio	Lower	Upper
41	100		
39	53.8	52.2	78.4
67	95.9	74.9	112.3
52	35.4	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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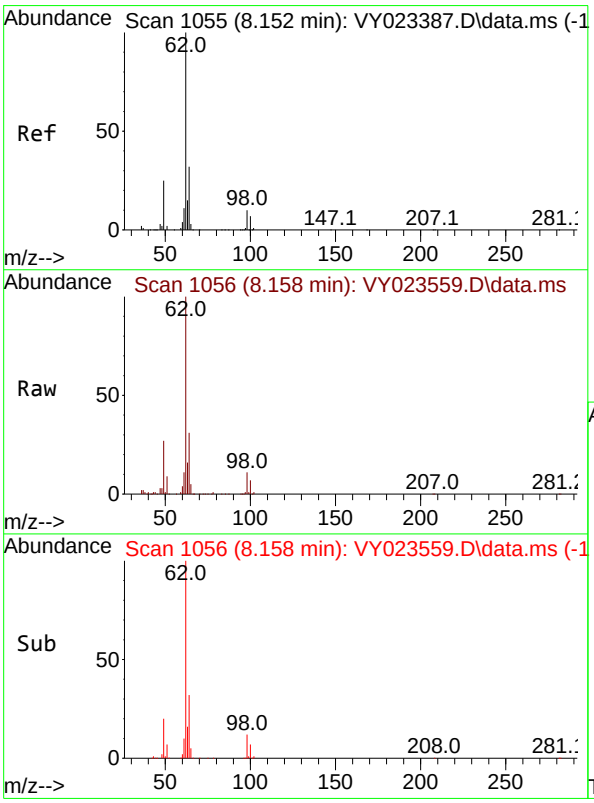
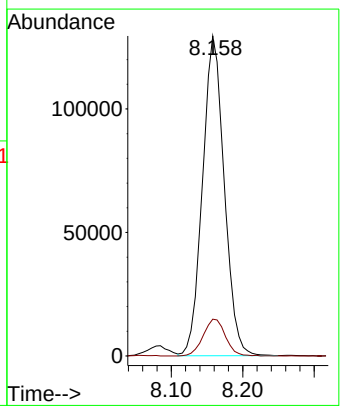
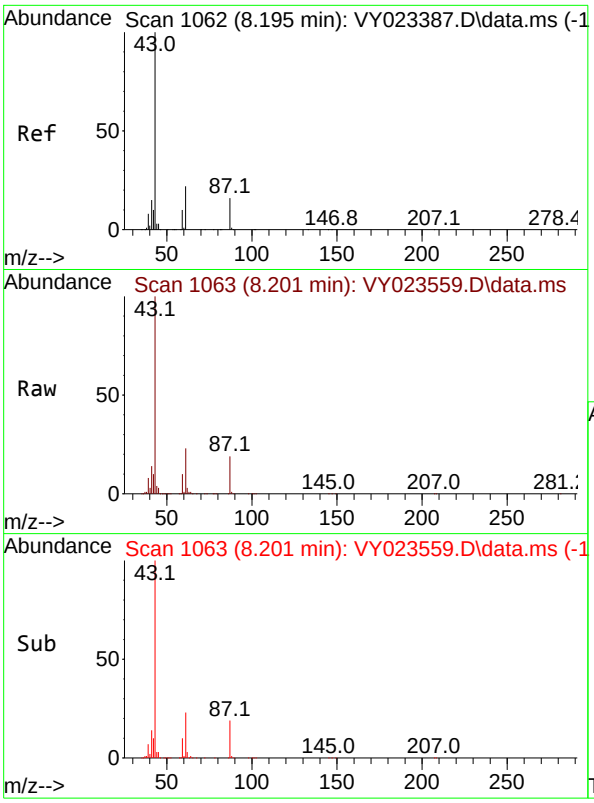


#42
1,2-Dichloroethane
Concen: 50.864 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 273693

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6





#43
Isopropyl Acetate
Concen: 52.107 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 27118

Ion	Ratio	Lower	Upper
43	100		
61	34.4	18.1	27.1
87	18.0	13.5	20.3

Instrument :
MSVOA_Y
ClientSampleId :
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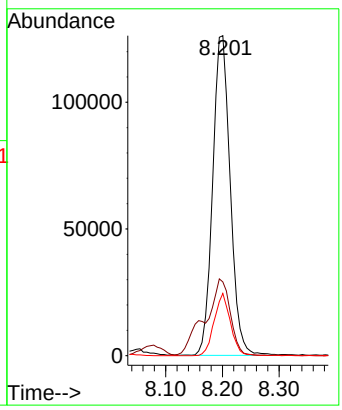
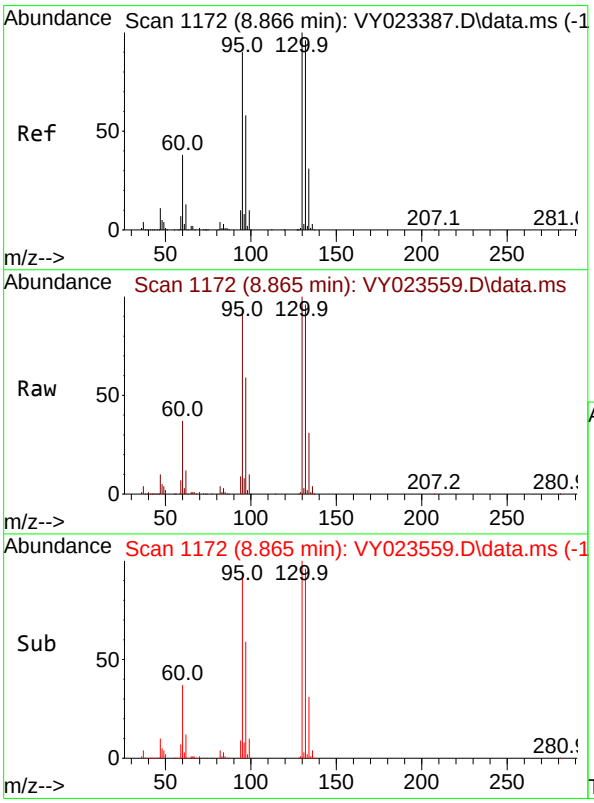
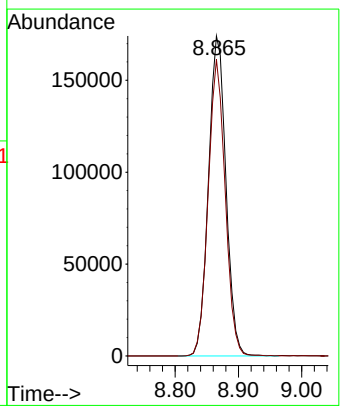


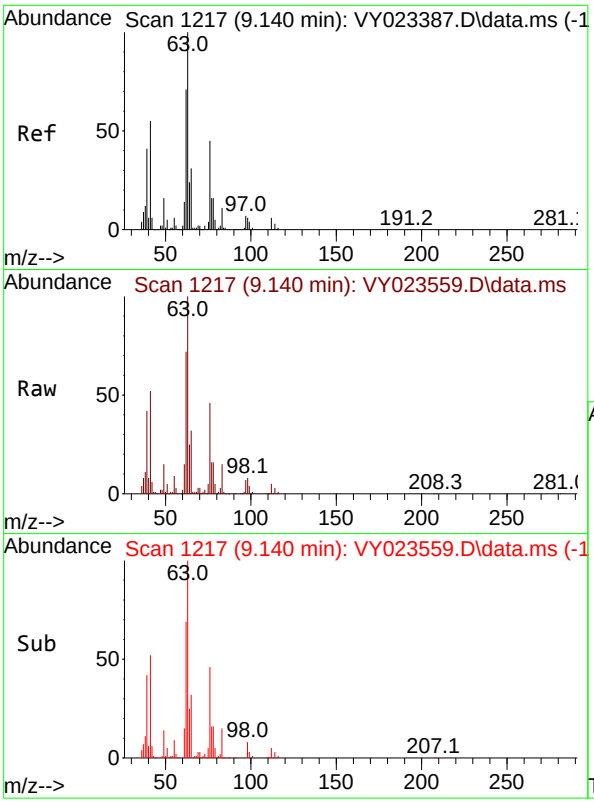


#44
Trichloroethene
Concen: 54.817 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:130 Resp: 334751

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	180.6

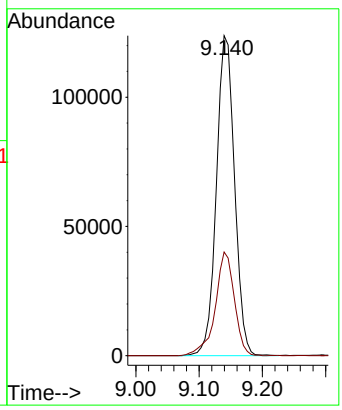




#45
1,2-Dichloropropane
Concen: 53.397 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 24607

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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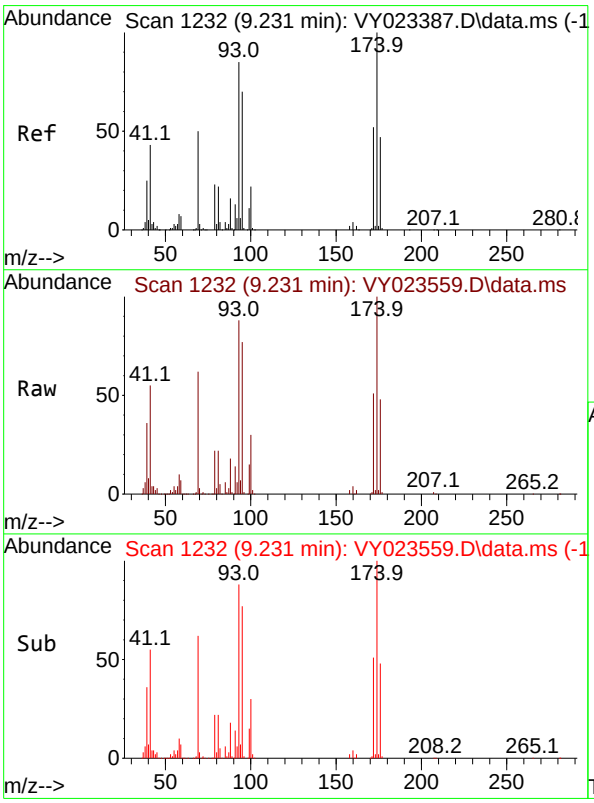
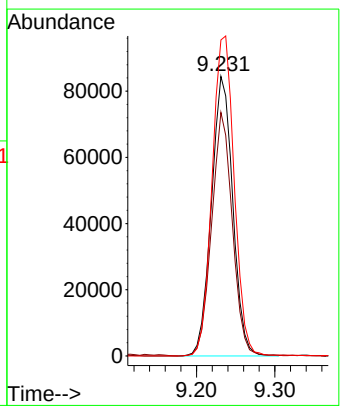
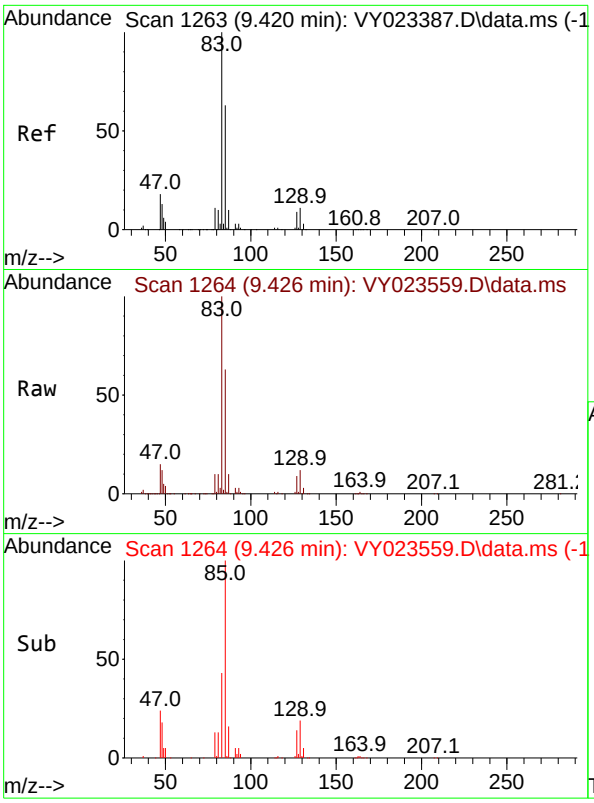


#46
Dibromomethane
Concen: 54.988 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 93 Resp: 160236

Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.4	98.0
174	118.2	92.9	139.3

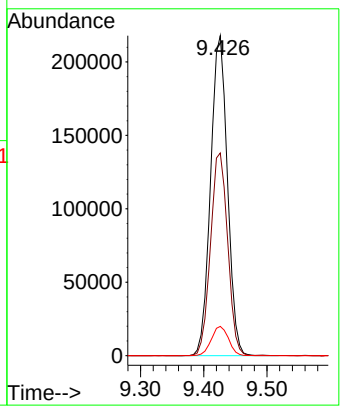




#47
Bromodichloromethane
Concen: 54.883 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 83 Resp: 40279

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.8	76.2
127	9.1	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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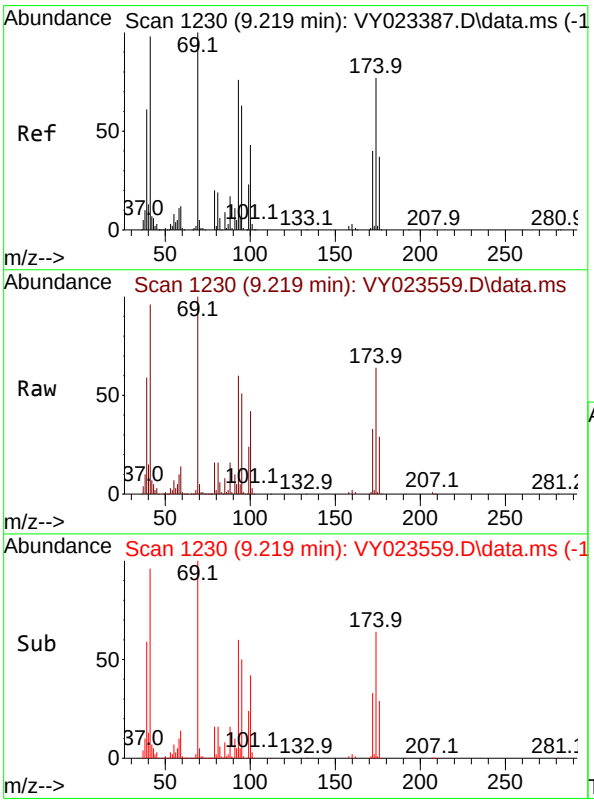
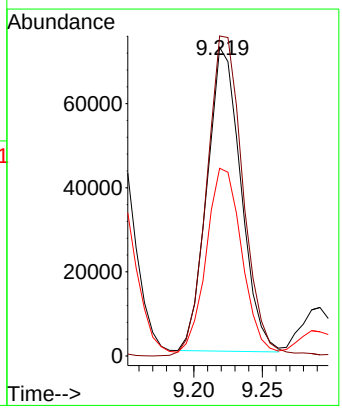
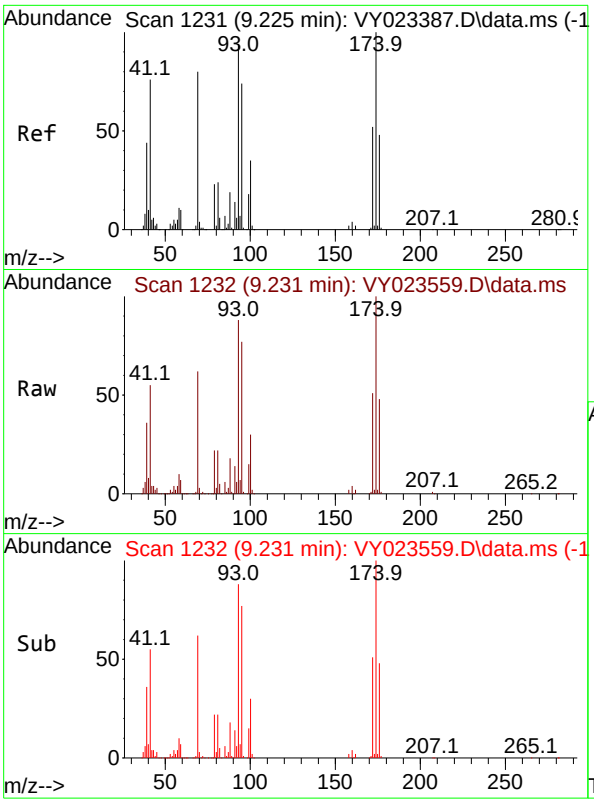


#48
Methyl methacrylate
Concen: 50.755 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 124097

Ion	Ratio	Lower	Upper
41	100		
69	113.4	81.0	121.4
39	65.5	48.2	72.4





#49
1,4-Dioxane
Concen: 1146.304 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 88 Resp: 3872

Ion	Ratio	Lower	Upper
88	100		
43	24.0	21.8	32.8
58	54.3	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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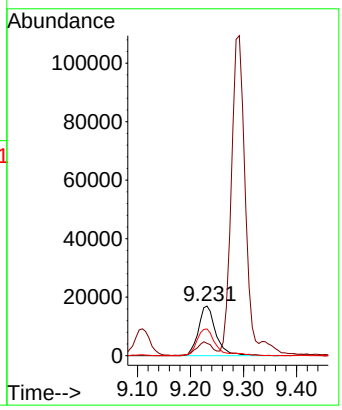
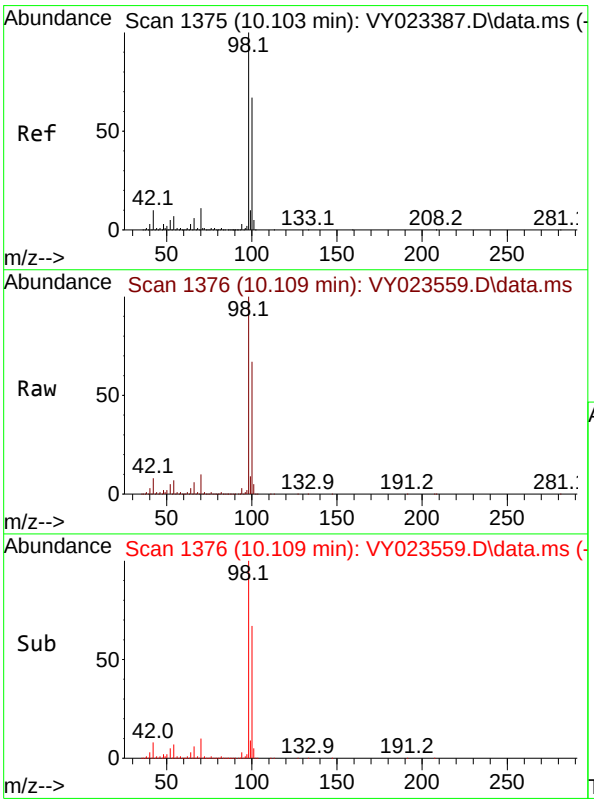
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

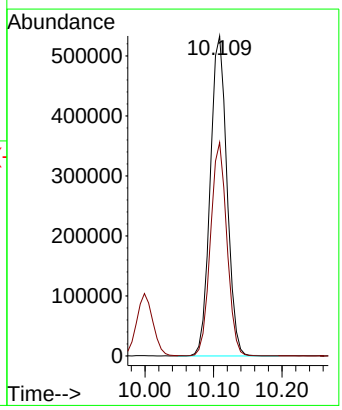


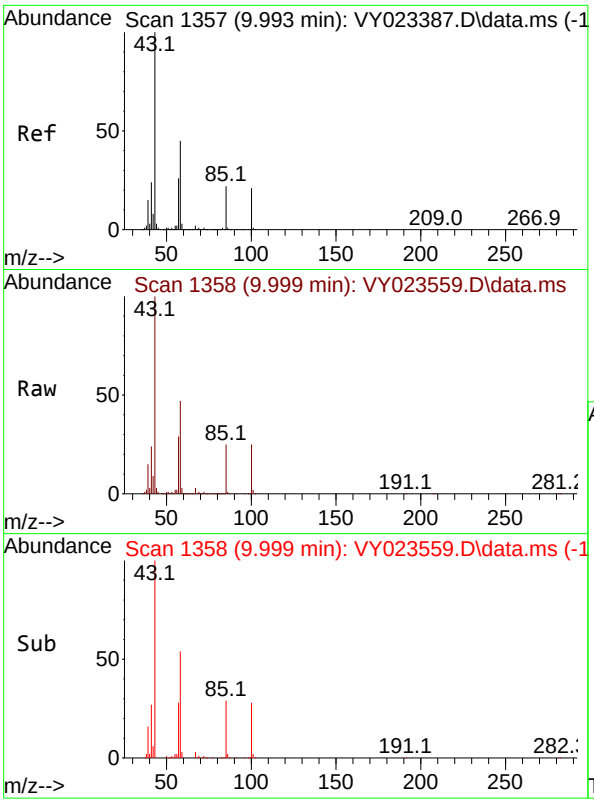


#50
Toluene-d8
Concen: 48.722 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 98 Resp: 902938

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

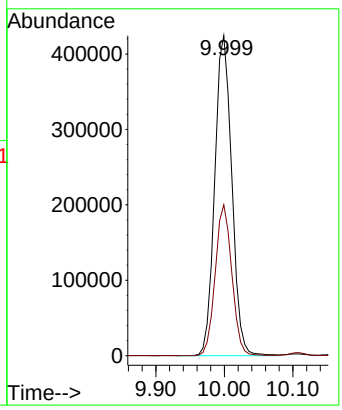




#51
4-Methyl-2-Pentanone
Concen: 272.142 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 73178

Ion	Ratio	Lower	Upper
43	100		
58	46.0	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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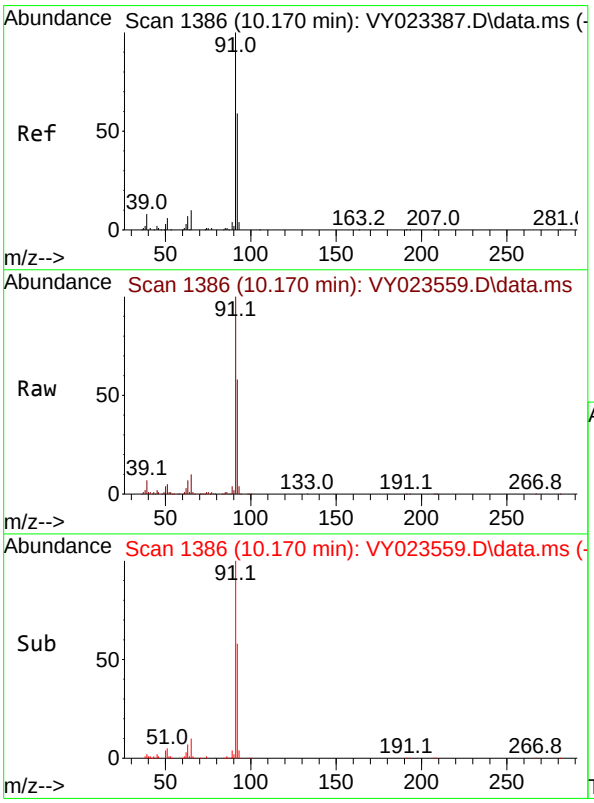
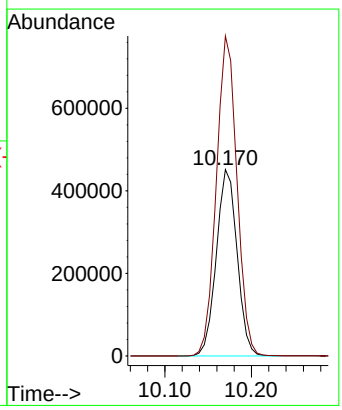
Supervised By :Mahesh Dadoda 10/27/2025

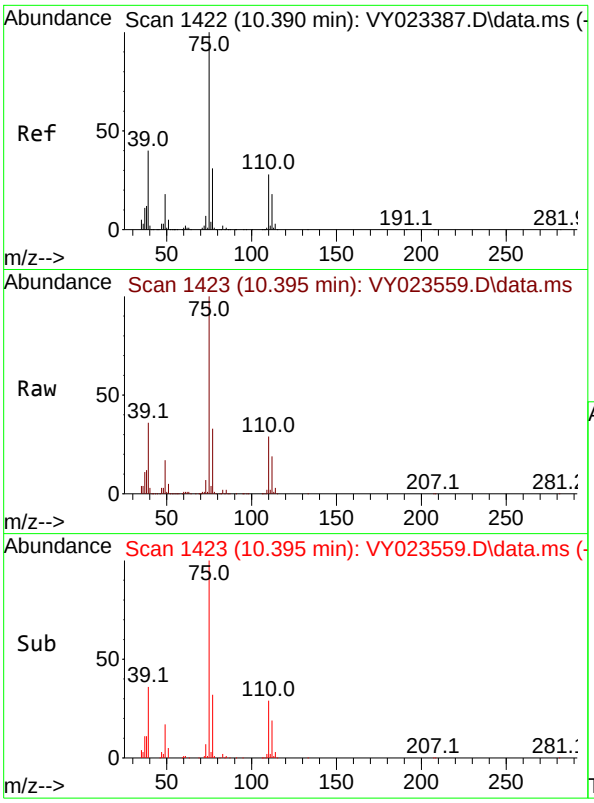


#52
Toluene
Concen: 55.476 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 92 Resp: 751520

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.4	204.6

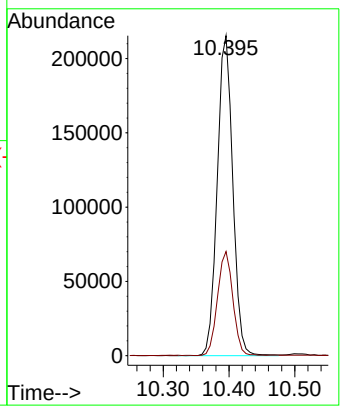




#53
t-1,3-Dichloropropene
Concen: 55.385 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 353434

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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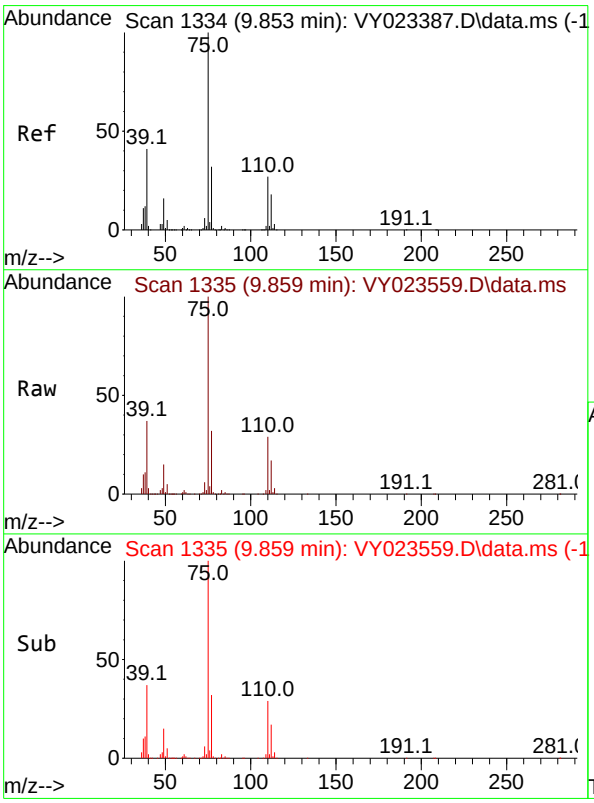
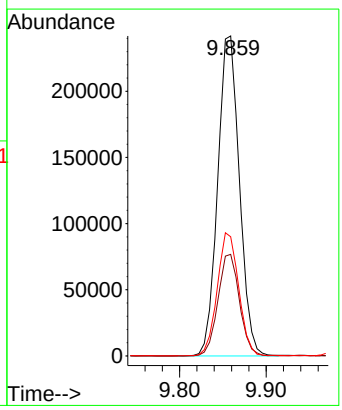
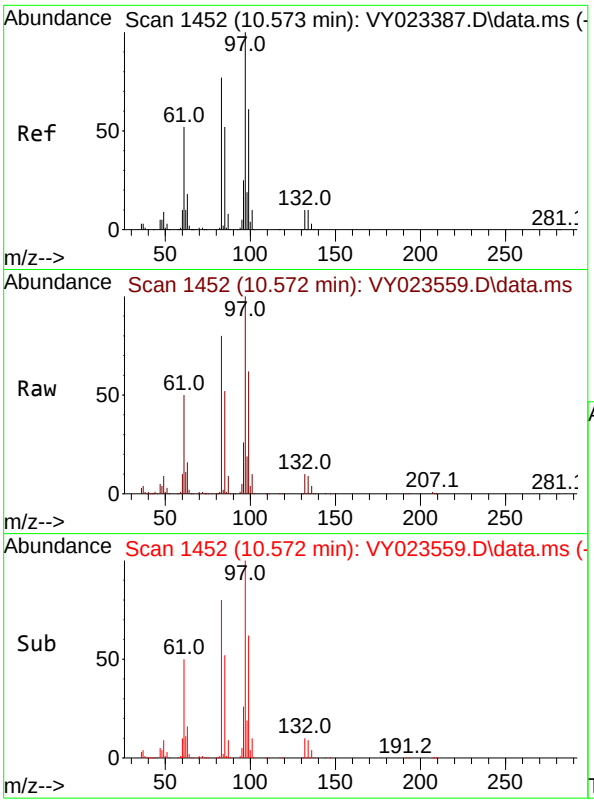


#54
cis-1,3-Dichloropropene
Concen: 55.911 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 421103

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	37.2	32.8	49.2

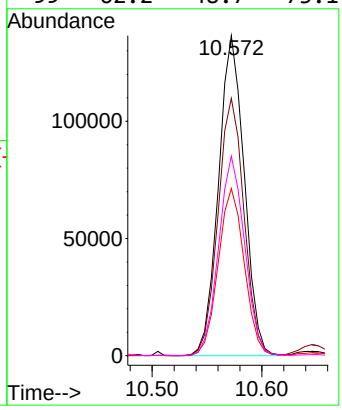




#55
1,1,2-Trichloroethane
Concen: 56.837 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 97 Resp: 22272

Ion	Ratio	Lower	Upper
97	100		
83	80.4	61.8	92.6
85	52.2	41.3	61.9
99	62.2	48.7	73.1



Instrument :
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ClientSampleId :
VSTDCCC050

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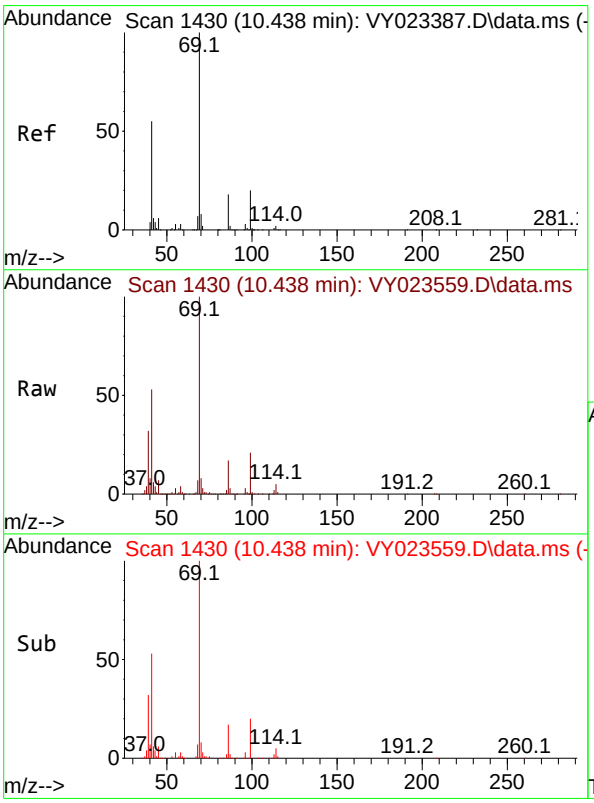
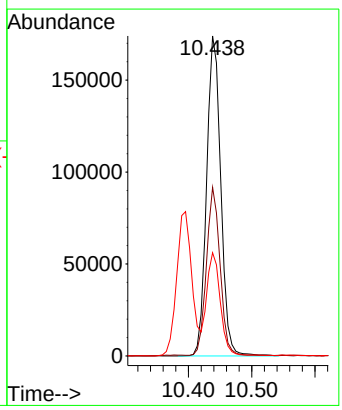
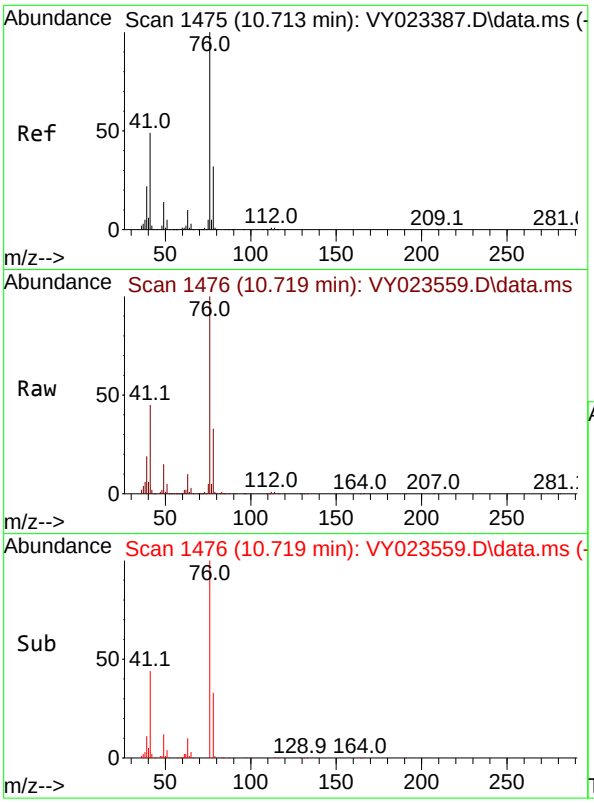


#56
Ethyl methacrylate
Concen: 60.107 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 69 Resp: 271697

Ion	Ratio	Lower	Upper
69	100		
41	50.3	44.6	67.0
39	30.8	27.0	40.4





#57
1,3-Dichloropropane
Concen: 55.727 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 76 Resp: 34603

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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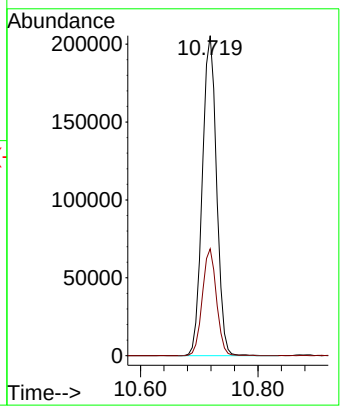
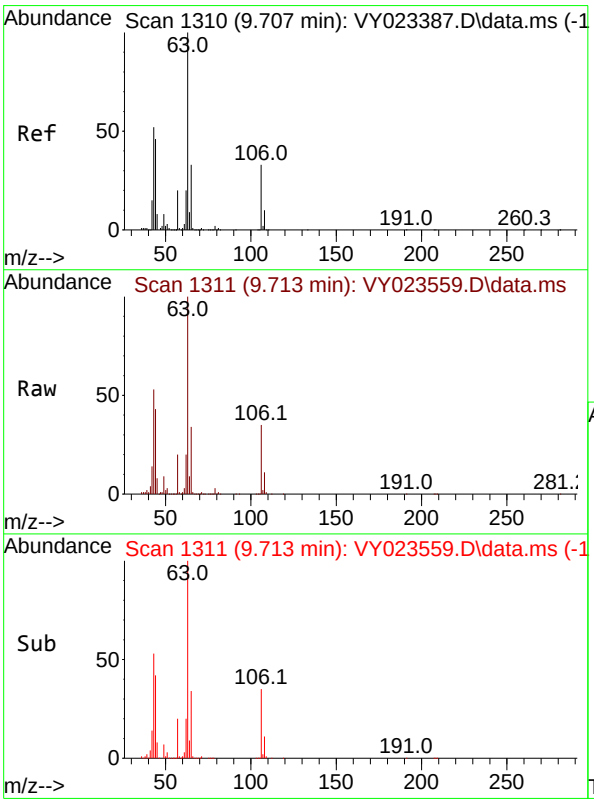
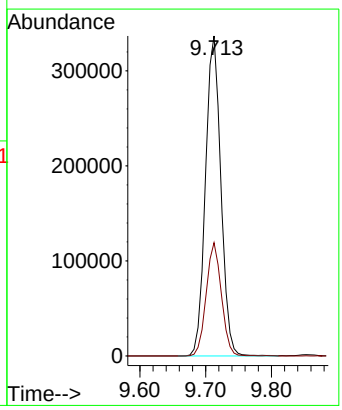


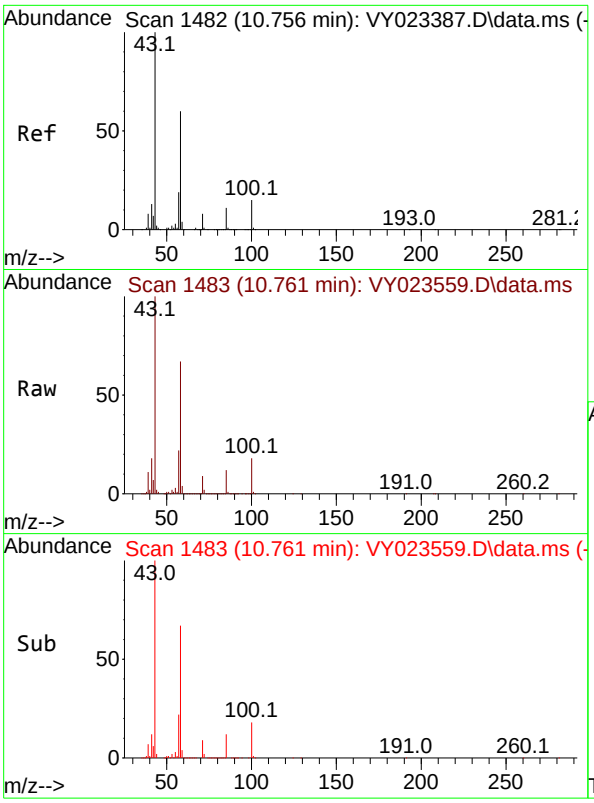


#58
2-Chloroethyl Vinyl ether
Concen: 270.556 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 547857

Ion	Ratio	Lower	Upper
63	100		
106	34.9	26.6	39.8





#59
2-Hexanone
Concen: 275.001 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 52846

Ion	Ratio	Lower	Upper
43	100		
58	64.6	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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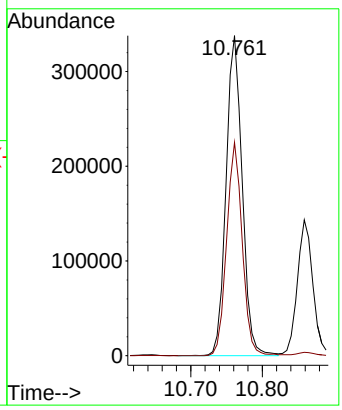
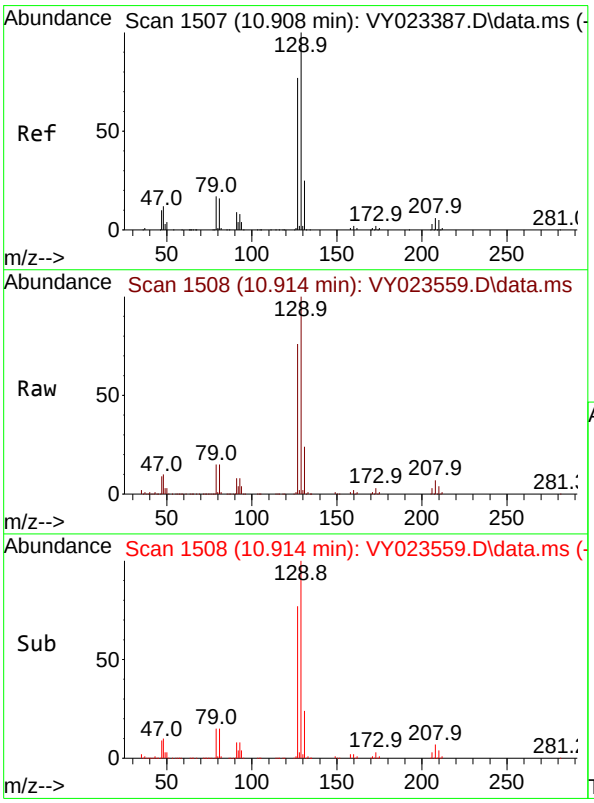
Supervised By :Mahesh Dadoda 10/27/2025

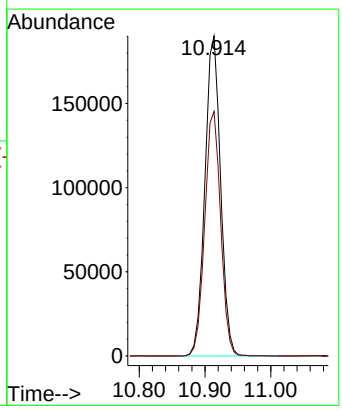


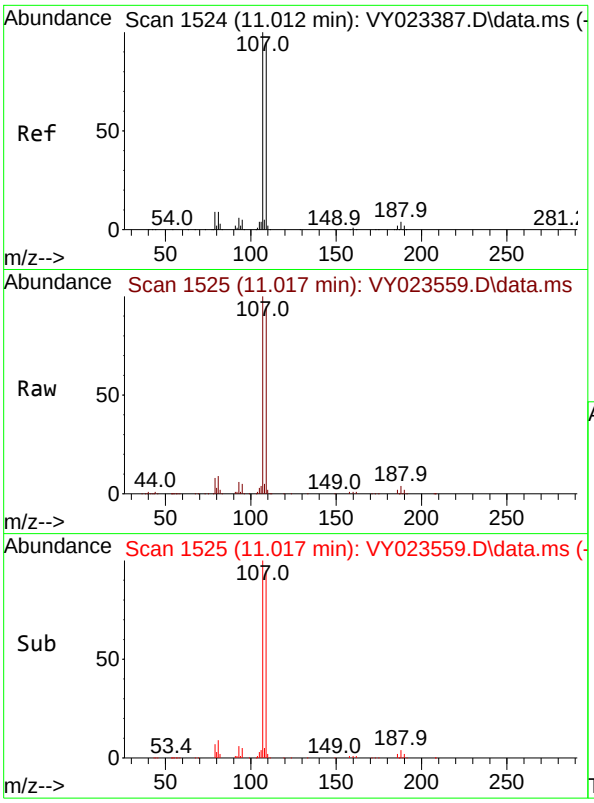


#60
Dibromochloromethane
Concen: 57.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:129 Resp: 315067

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7





#61
1,2-Dibromoethane
Concen: 57.024 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:107 Resp: 21310

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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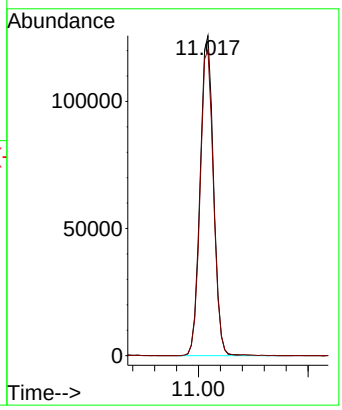
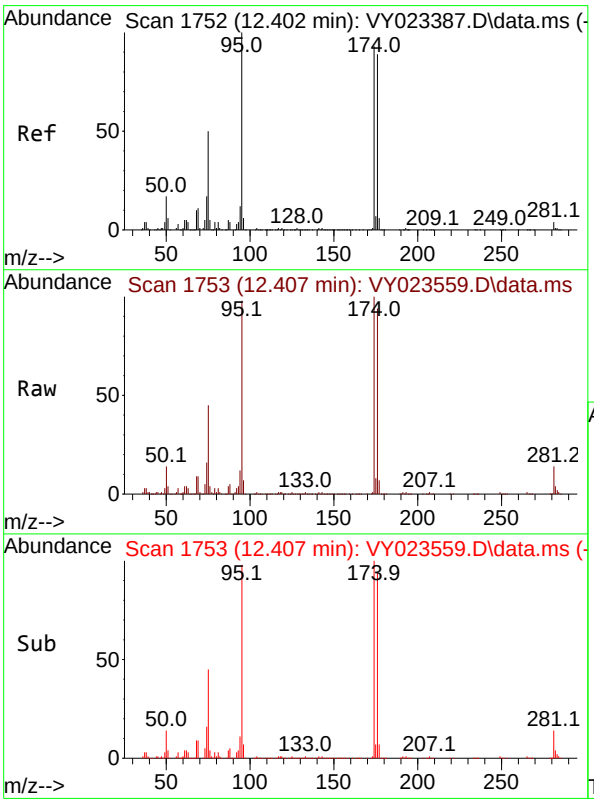
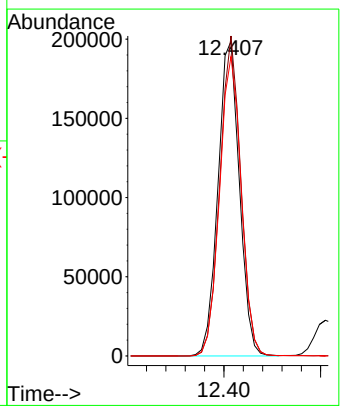


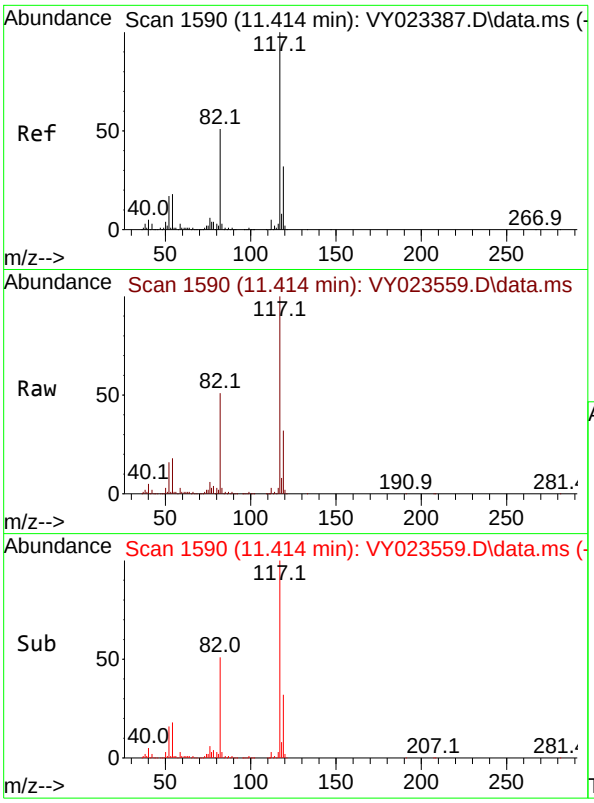


#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 95 Resp: 304706

Ion	Ratio	Lower	Upper
95	100		
174	99.5	0.0	192.8
176	96.3	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:117 Resp: 71262

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.3	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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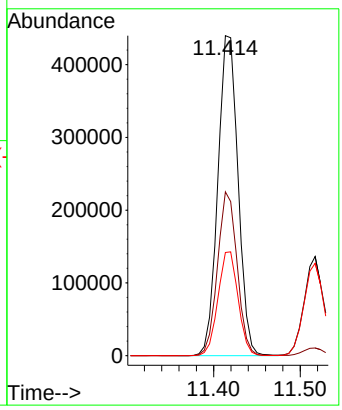
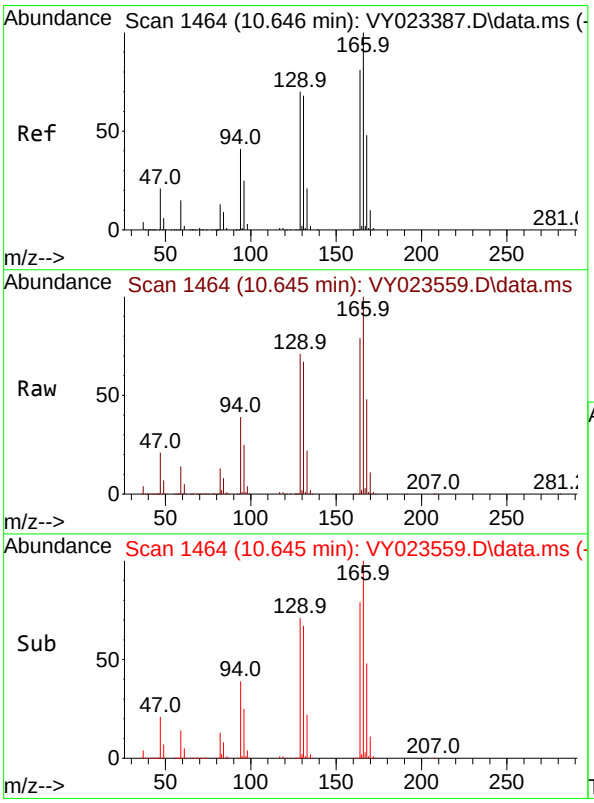
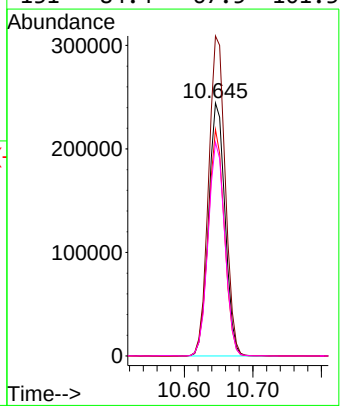


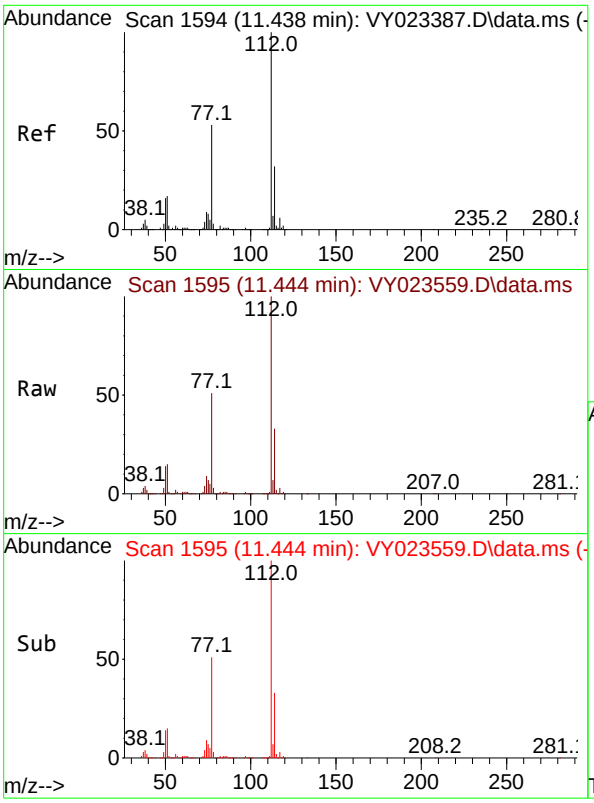


#64
Tetrachloroethene
Concen: 55.753 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:164 Resp: 410235

Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.4	149.0
129	89.5	69.4	104.2
131	84.4	67.5	101.3





#65
Chlorobenzene
Concen: 56.267 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:112 Resp: 87209

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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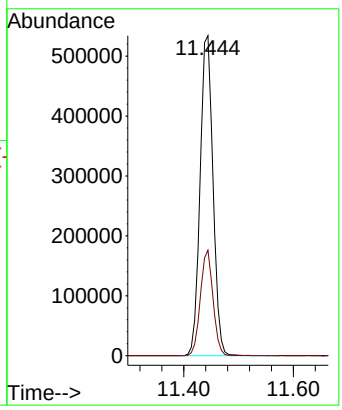
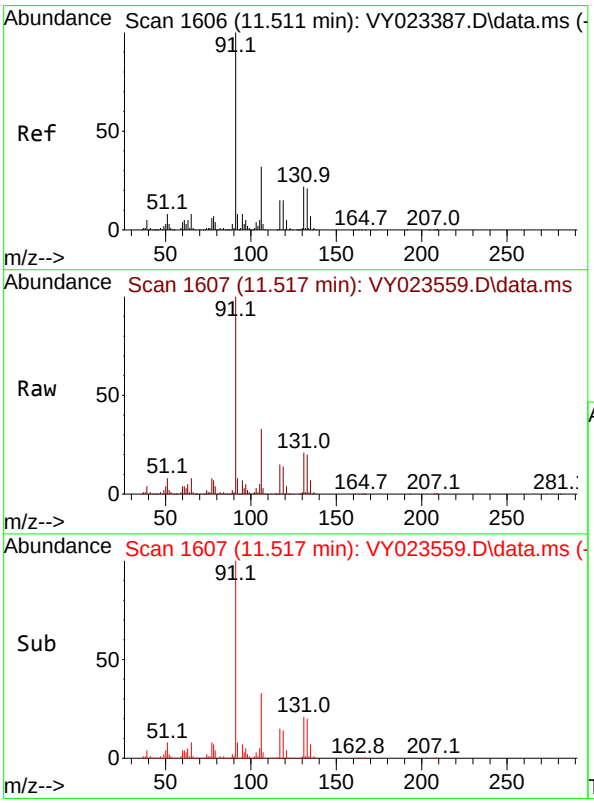
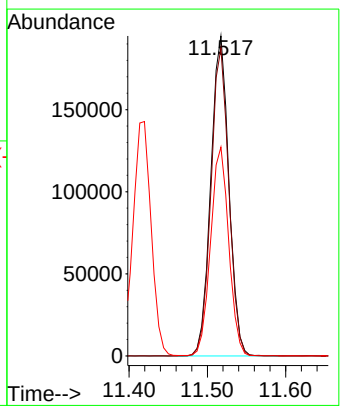


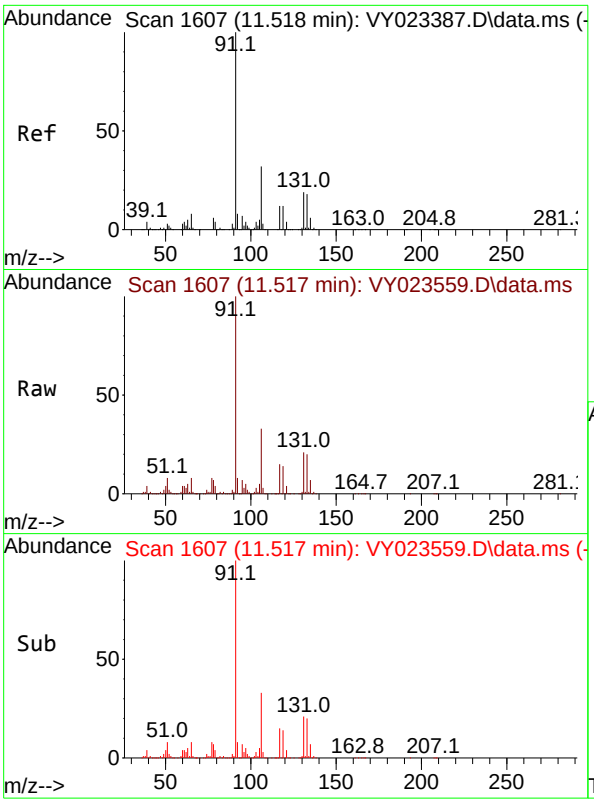


#66
1,1,1,2-Tetrachloroethane
Concen: 56.479 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:131 Resp: 311946

Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.4	145.2
119	65.6	32.4	97.2

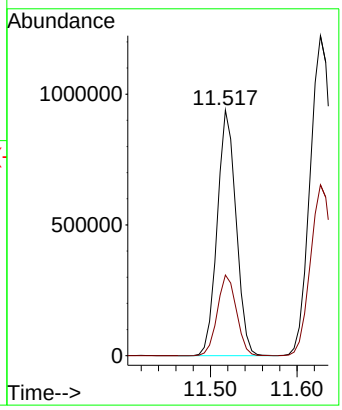




#67
Ethyl Benzene
Concen: 56.546 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 141864

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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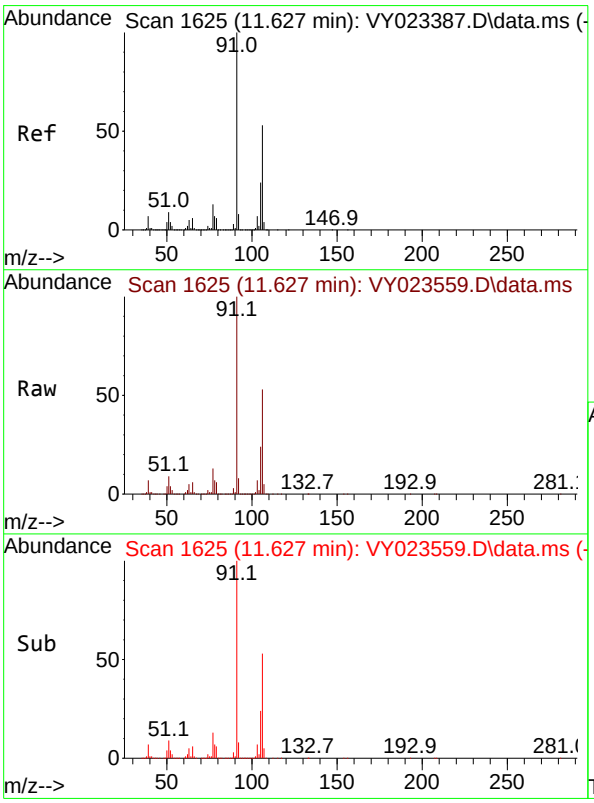
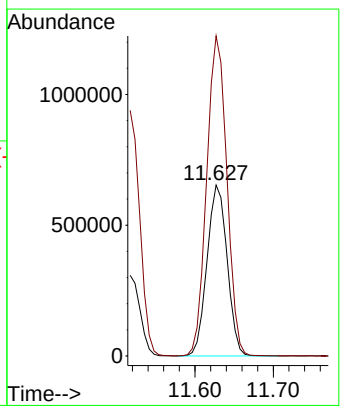
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

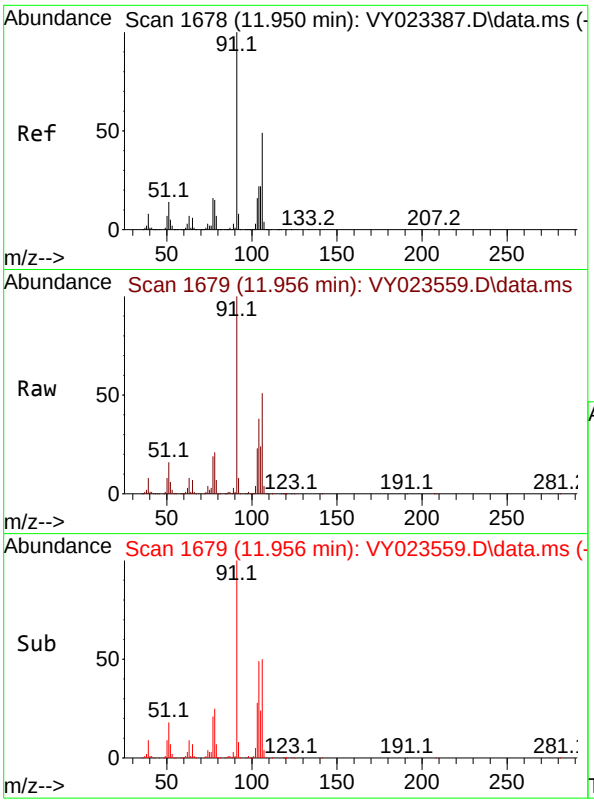


#68
m/p-Xylenes
Concen: 115.537 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:106 Resp: 1162639

Ion	Ratio	Lower	Upper
106	100		
91	188.2	152.6	229.0

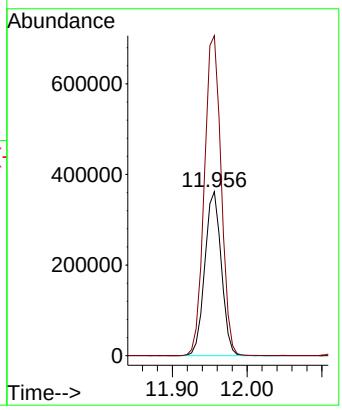




#69
o-Xylene
Concen: 58.810 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:106 Resp: 55508

Ion	Ratio	Lower	Upper
106	100		
91	198.6	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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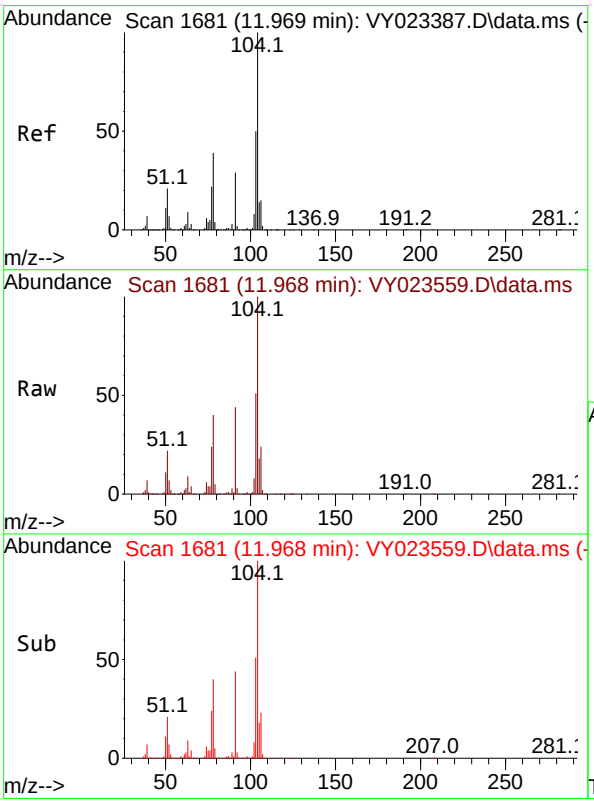
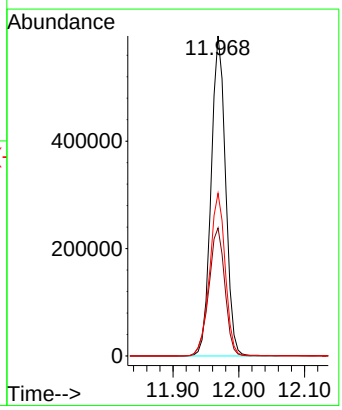
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

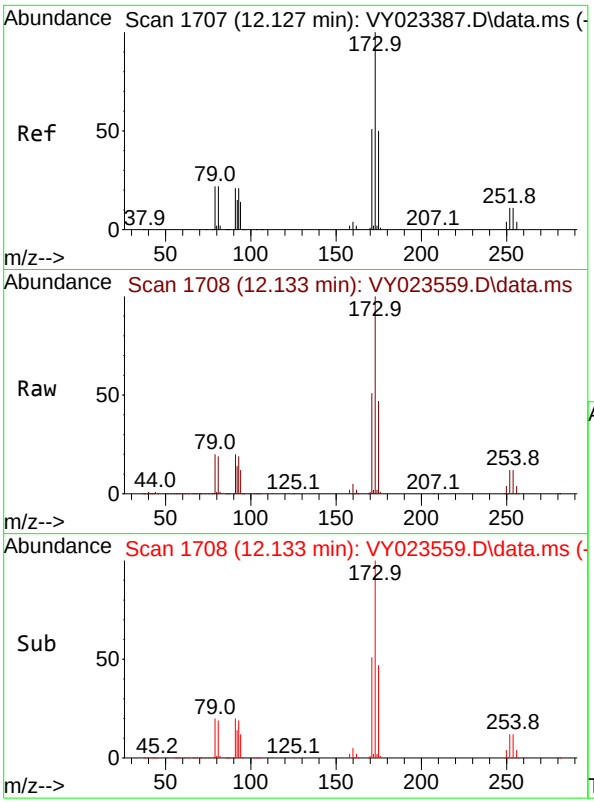


#70
Styrene
Concen: 58.986 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:104 Resp: 915552

Ion	Ratio	Lower	Upper
104	100		
78	44.1	36.1	54.1
103	54.3	43.2	64.8





#71
Bromoform
Concen: 57.877 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:173 Resp: 19828

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.2	0.1	0.1#

Instrument :
MSVOA_Y
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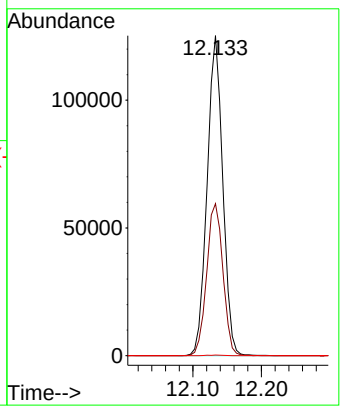
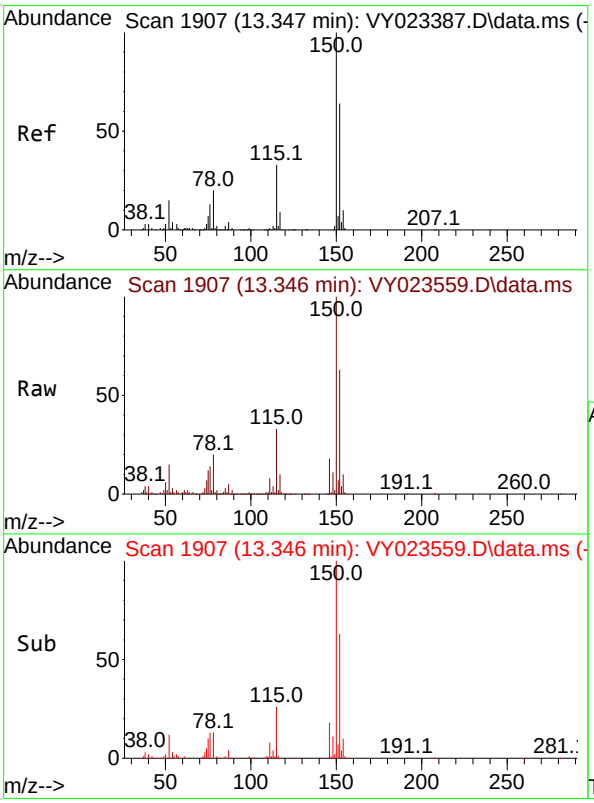
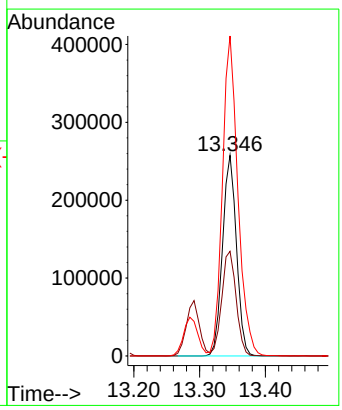


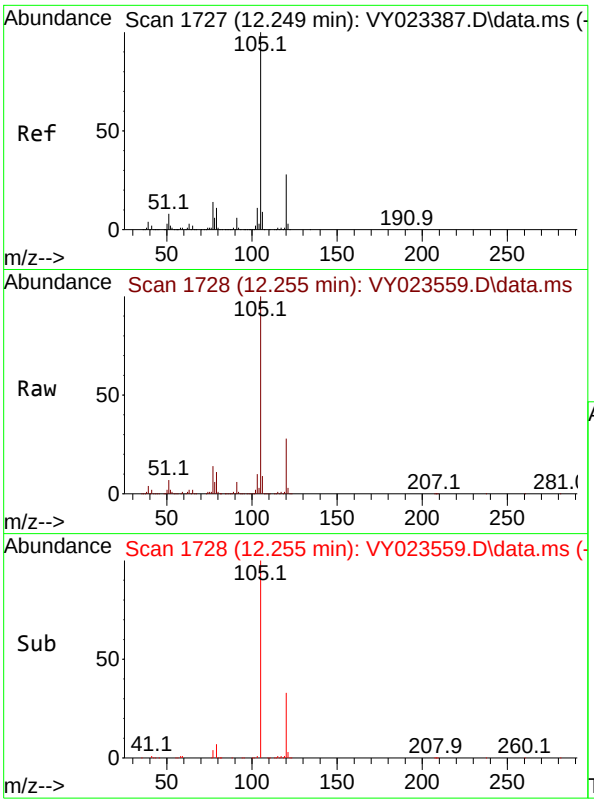


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:152 Resp: 380279

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	177.0	0.0	347.4

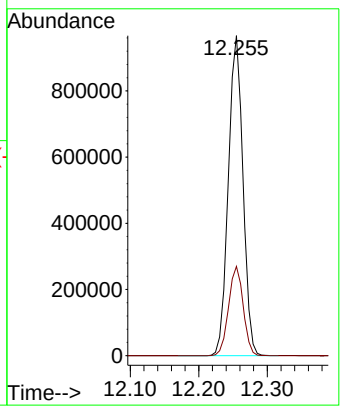




#73
Isopropylbenzene
Concen: 56.959 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 142744

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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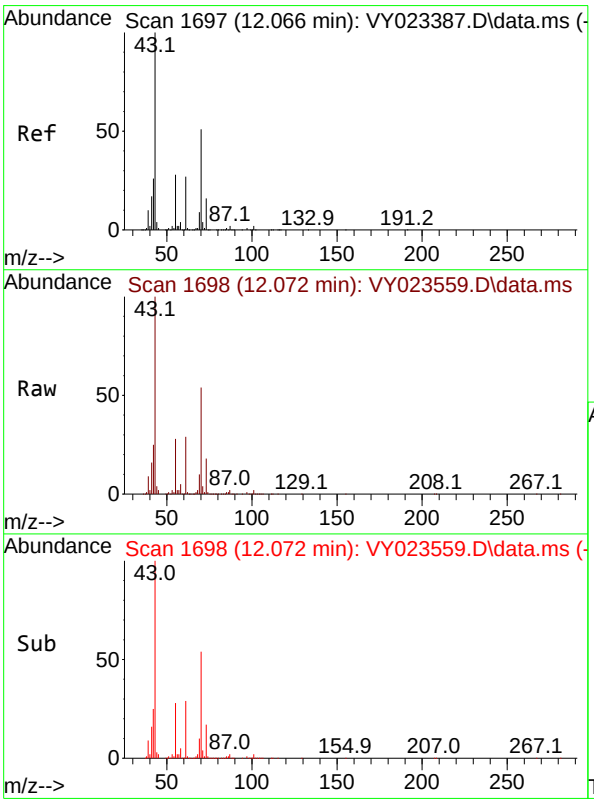
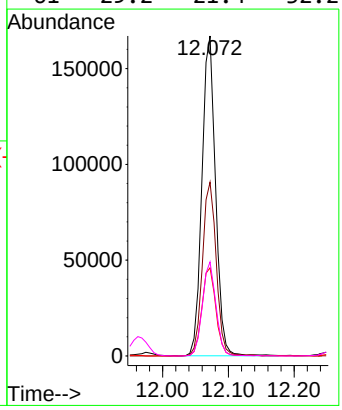
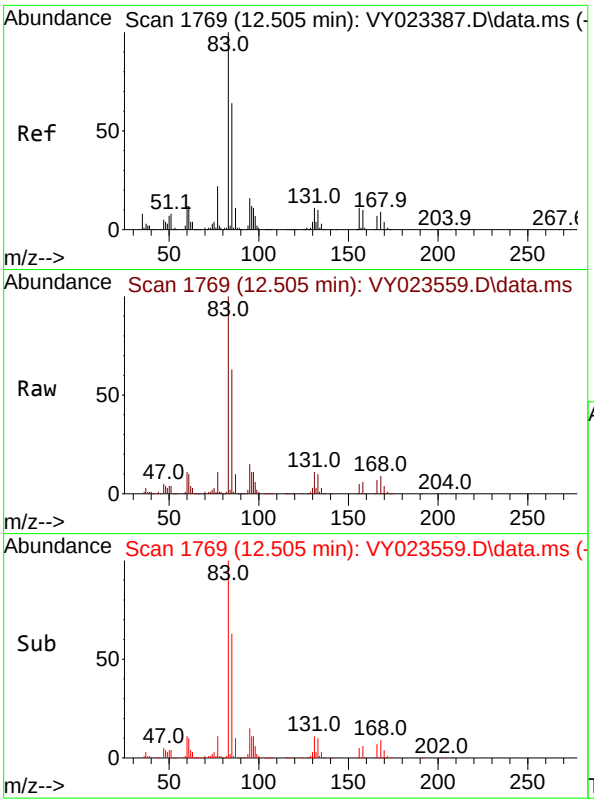


#74
N-amyl acetate
Concen: 53.438 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 240539

Ion	Ratio	Lower	Upper
43	100		
70	55.3	41.1	61.7
55	28.4	23.0	34.6
61	29.2	21.4	32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.639 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 83 Resp: 22805

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.6
85	65.0	31.8	95.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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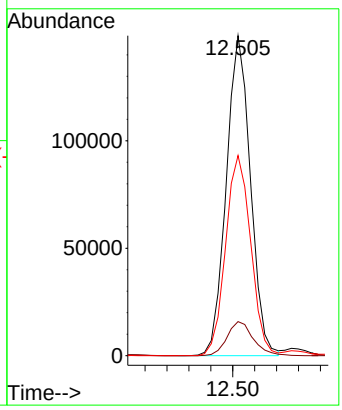
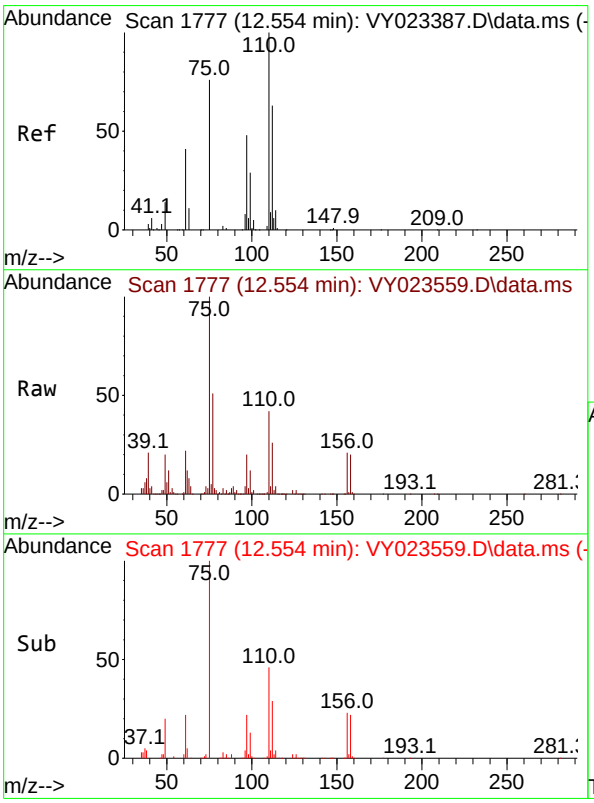
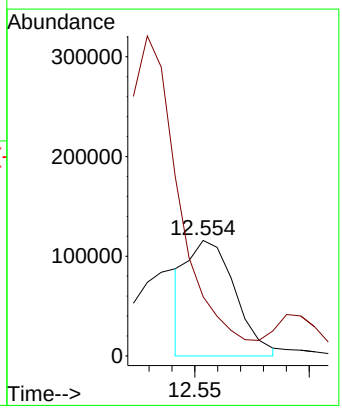


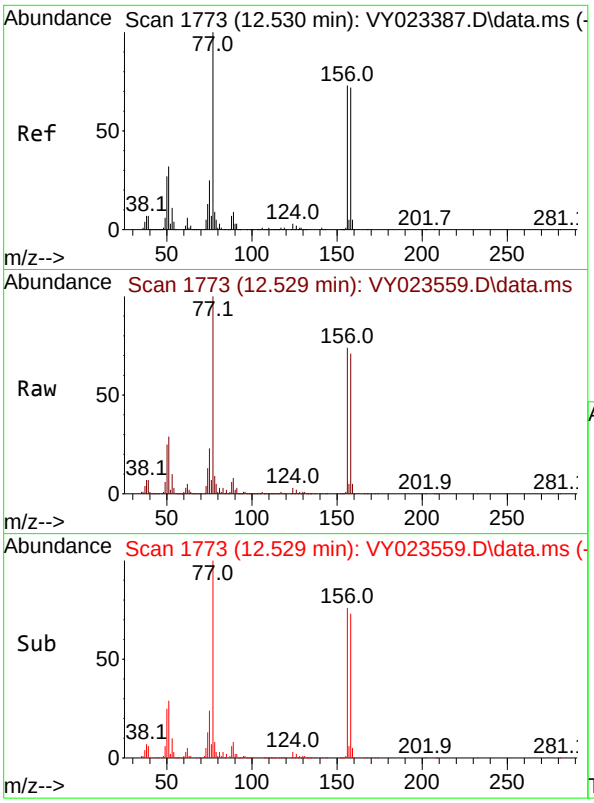


#76
1,2,3-Trichloropropane
Concen: 50.142 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 168230

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

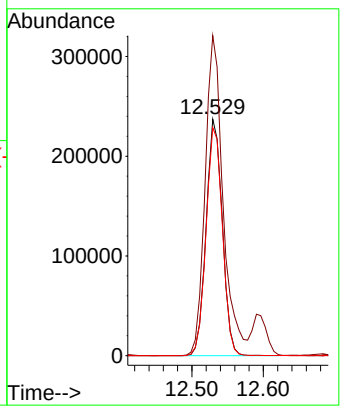




#77
Bromobenzene
Concen: 55.922 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:156 Resp: 37257

Ion	Ratio	Lower	Upper
156	100		
77	150.5	76.8	230.5
158	97.8	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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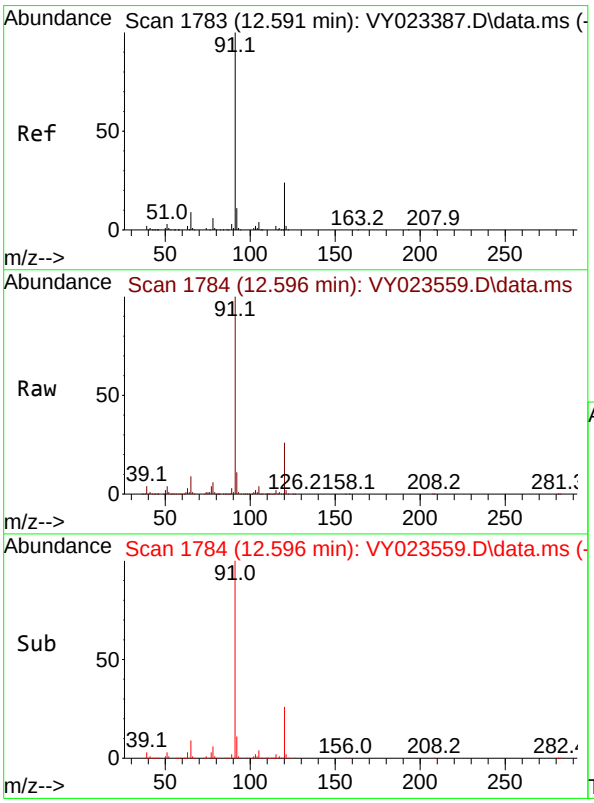
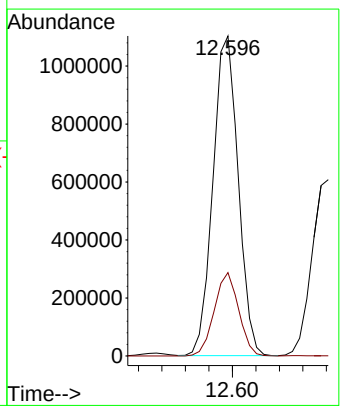
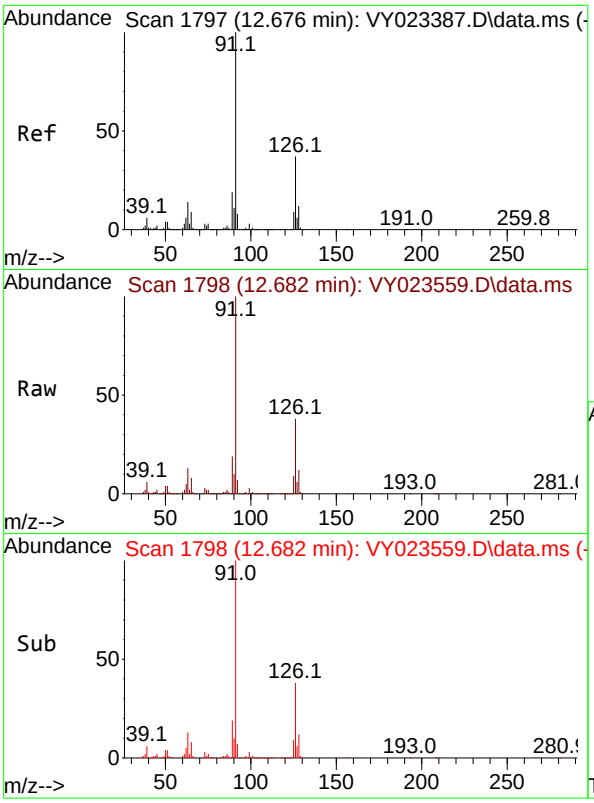


#78
n-propylbenzene
Concen: 56.707 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 1644549

Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.3	36.8

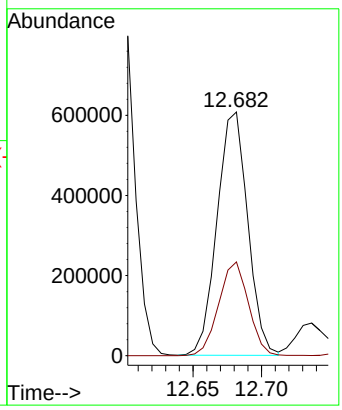




#79
2-Chlorotoluene
Concen: 55.795 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 94754

Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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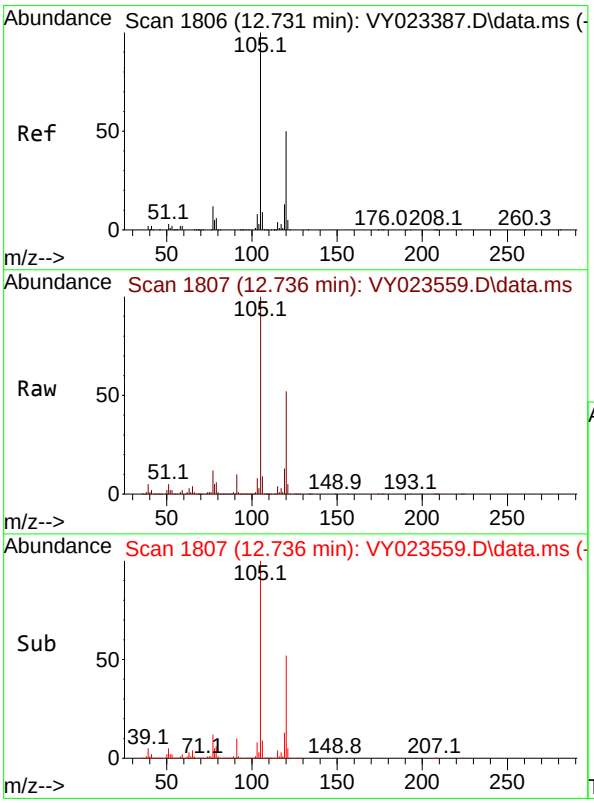
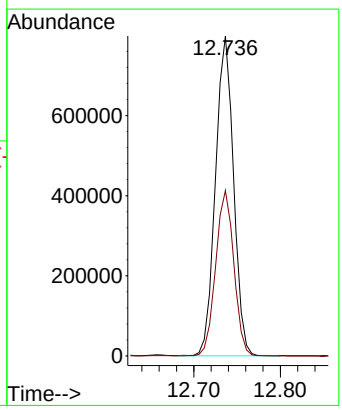
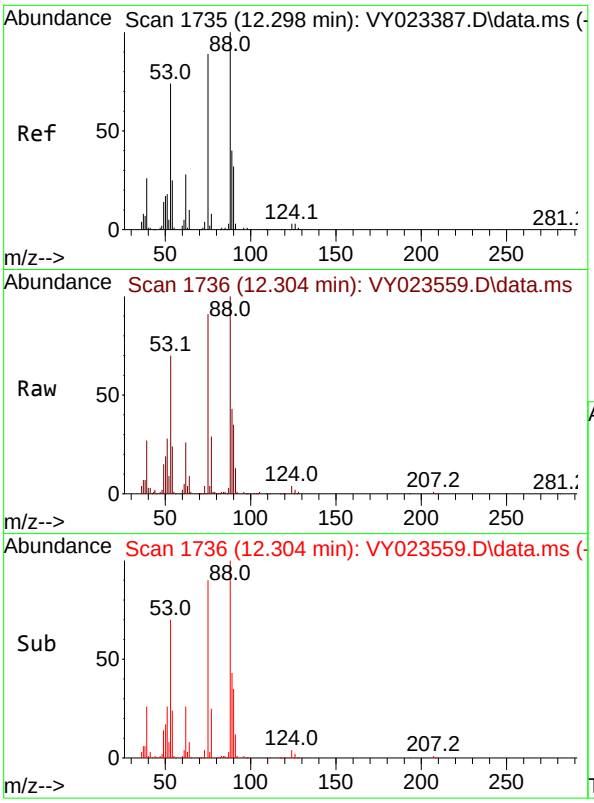


#80
1,3,5-Trimethylbenzene
Concen: 57.172 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 1157792

Ion	Ratio	Lower	Upper
105	100		
120	52.0	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 56.799 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 7771

Ion	Ratio	Lower	Upper
75	100		
53	80.3	68.6	102.8
89	47.1	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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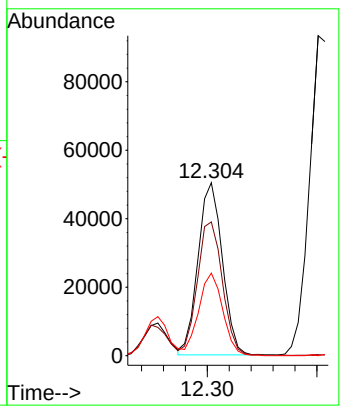
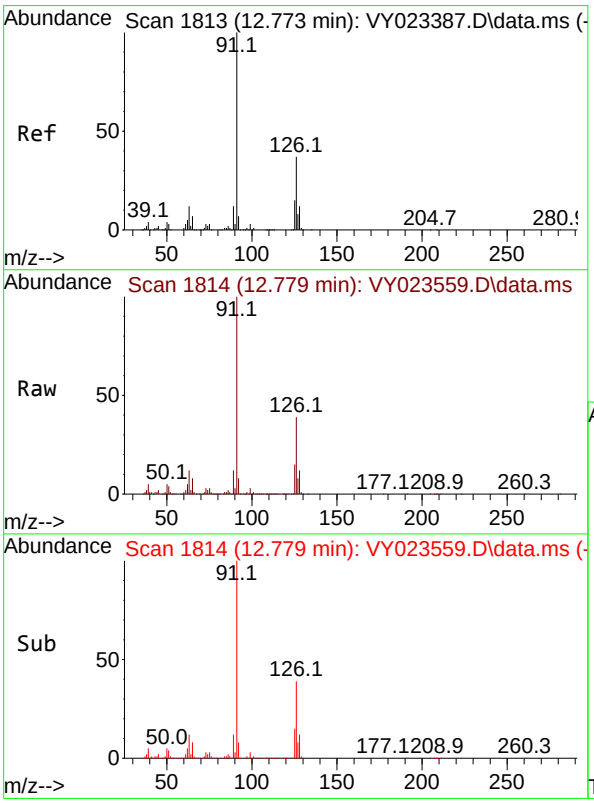
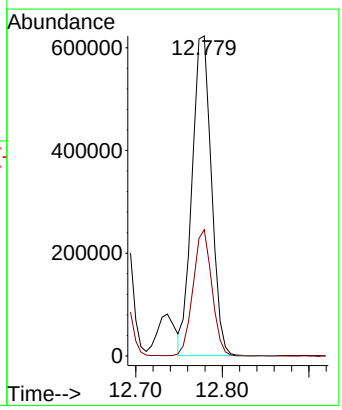


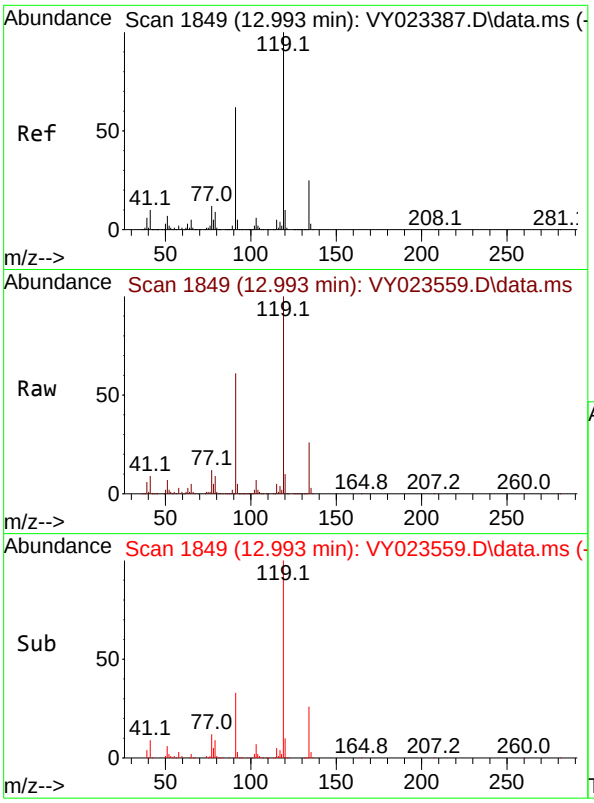


#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 966872

Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.4	55.4

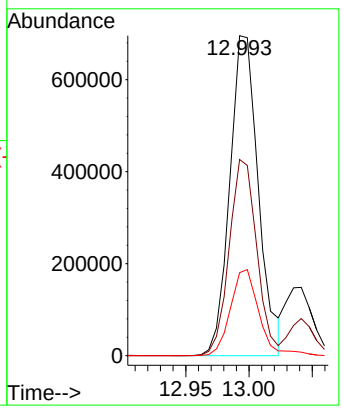




#83
tert-Butylbenzene
Concen: 58.535 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:119 Resp: 109448

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.9	89.8
134	27.0	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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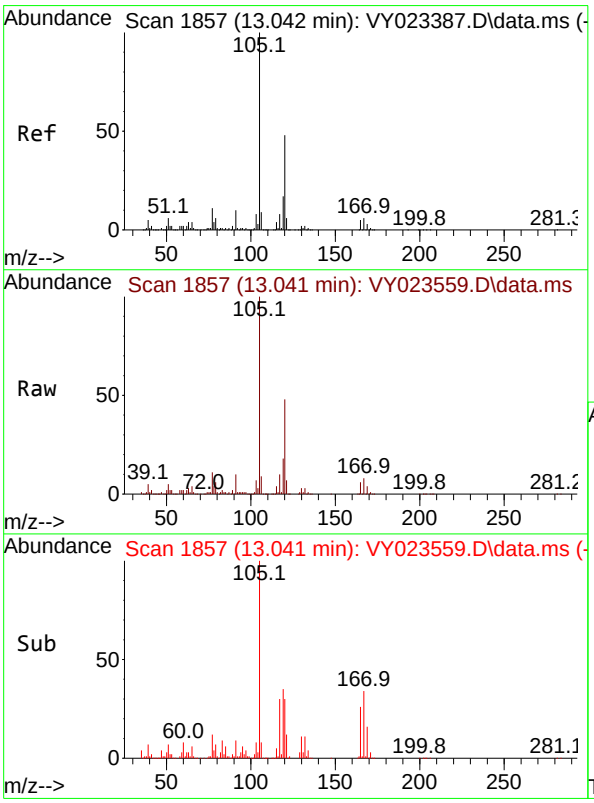
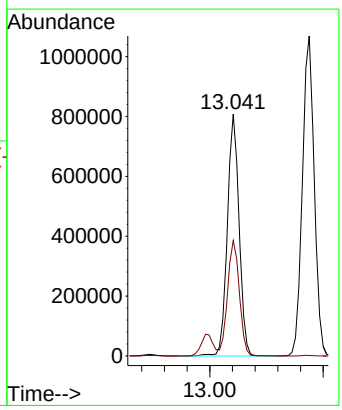
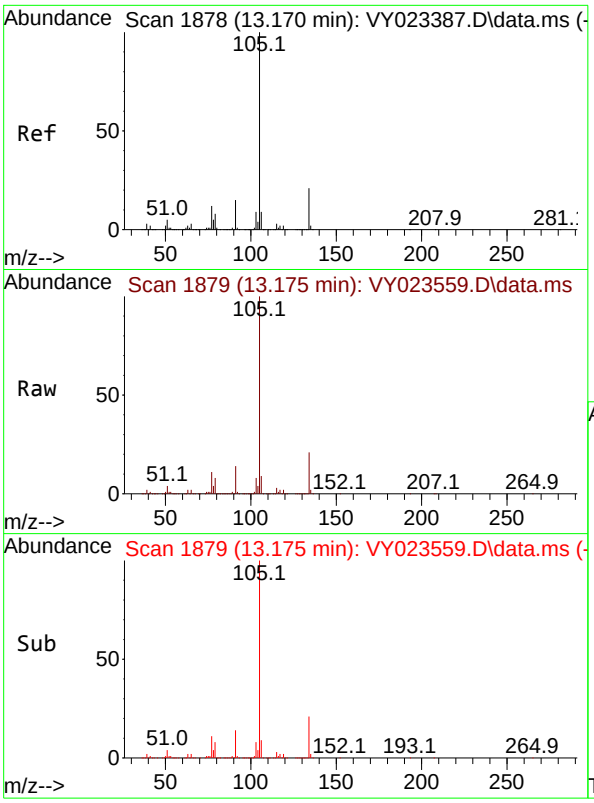


#84
1,2,4-Trimethylbenzene
Concen: 57.333 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 1158715

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.2

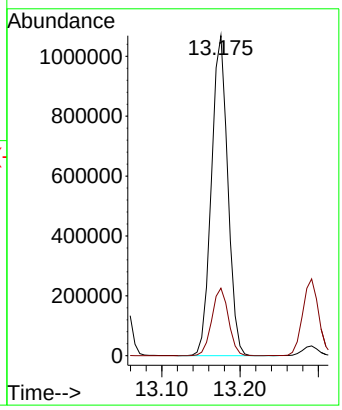




#85
sec-Butylbenzene
Concen: 57.753 ug/l
RT: 13.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 154905

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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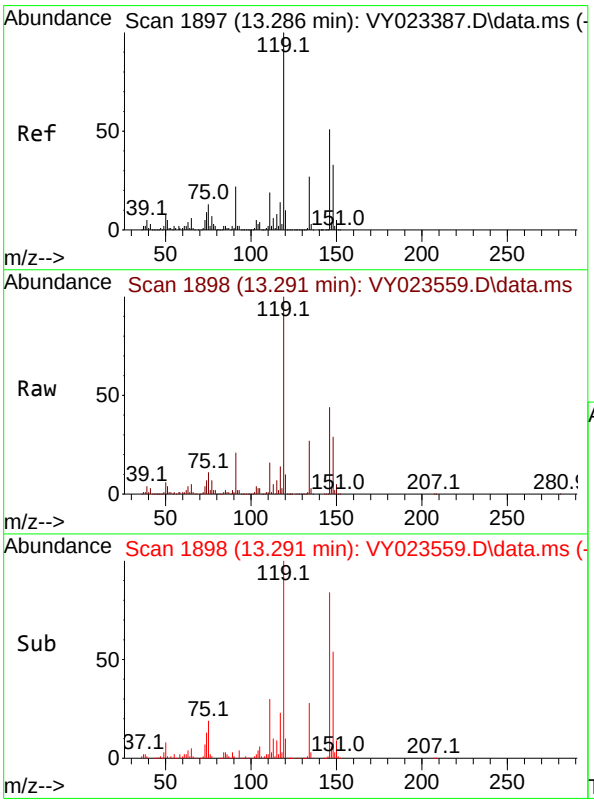
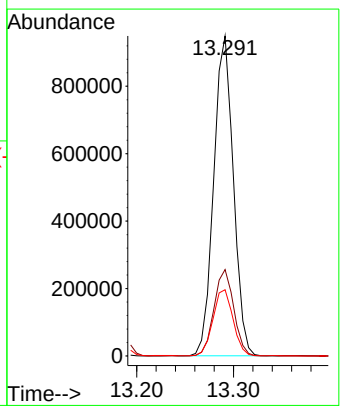
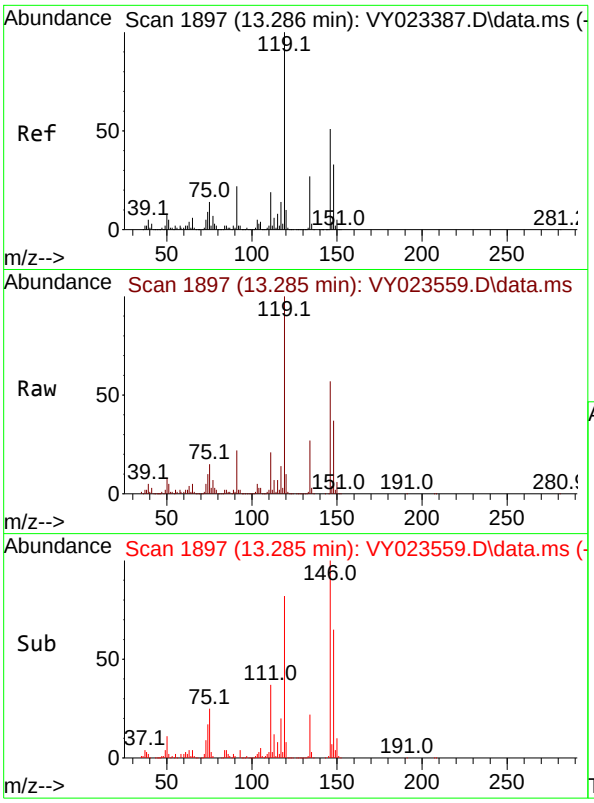


#86
p-Isopropyltoluene
Concen: 58.577 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:119 Resp: 1337700

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.2	10.9	32.9

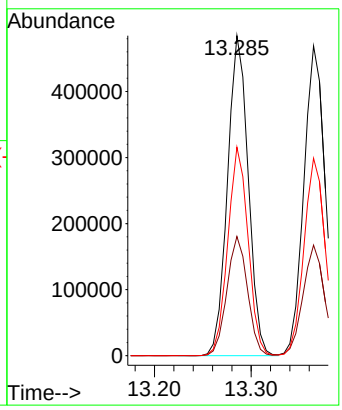




#87
1,3-Dichlorobenzene
Concen: 55.564 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:146 Resp: 72088

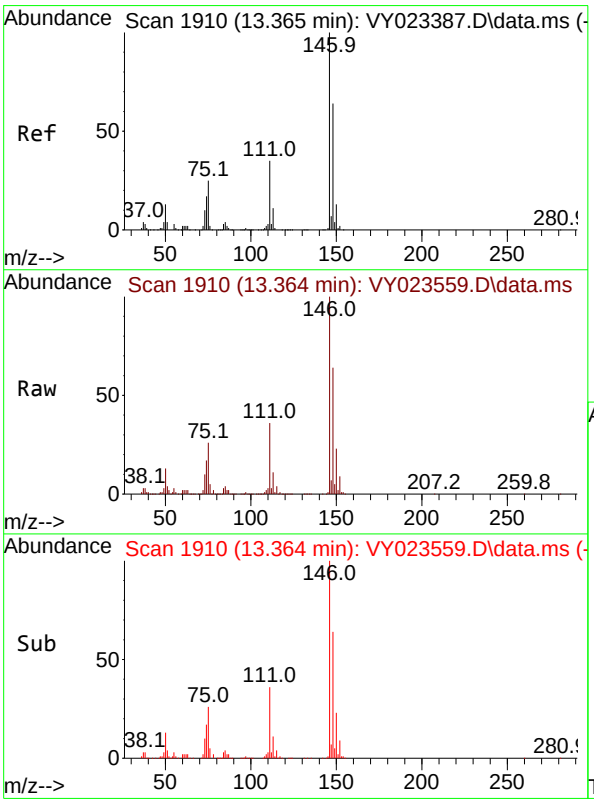
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	63.9	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

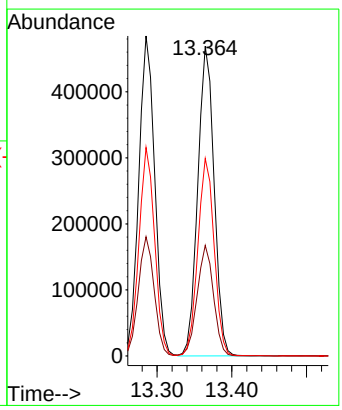
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

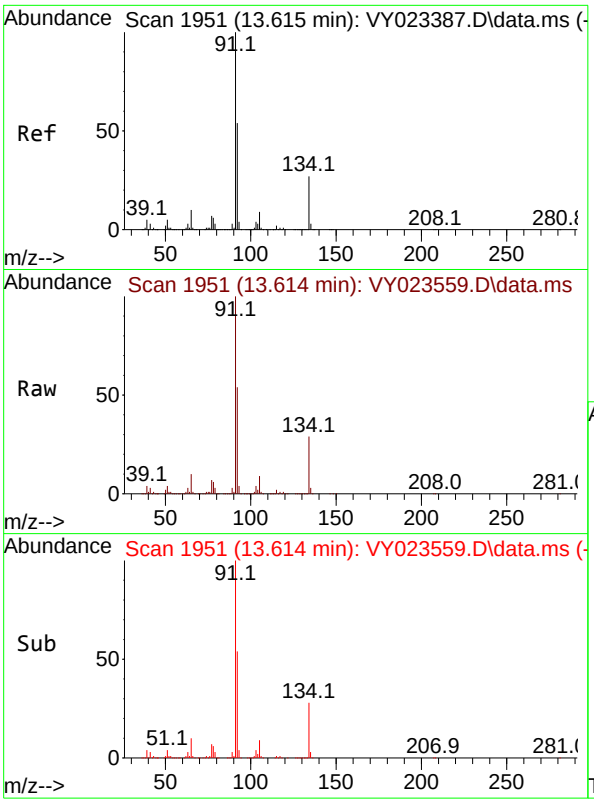


#88
1,4-Dichlorobenzene
Concen: 55.673 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:146 Resp: 713367

Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.0	54.0
148	63.7	31.9	95.7

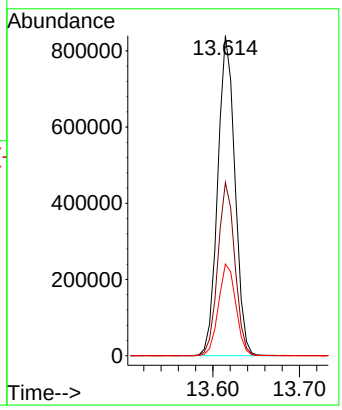




#89
n-Butylbenzene
Concen: 58.138 ug/l
RT: 13.614 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 115686

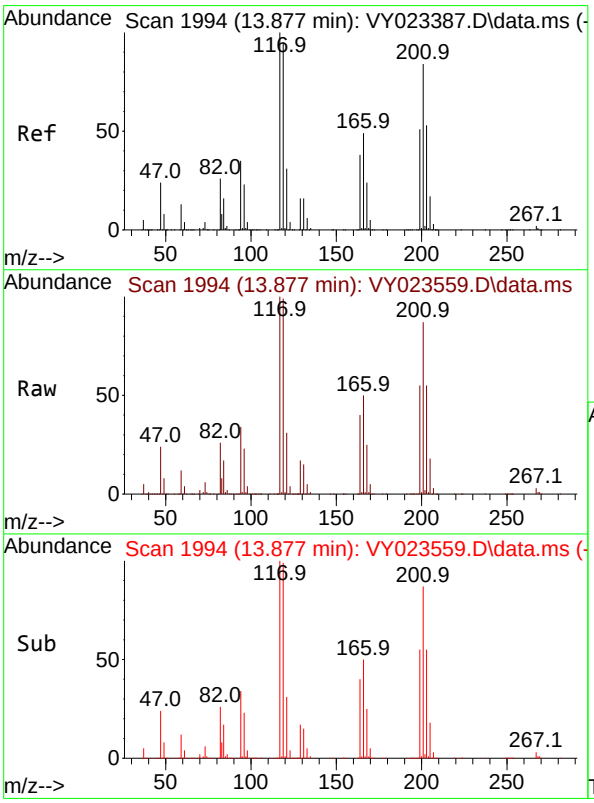
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	29.0	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

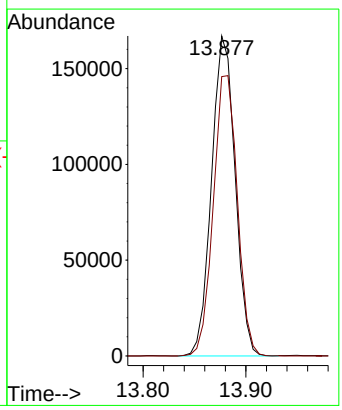
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

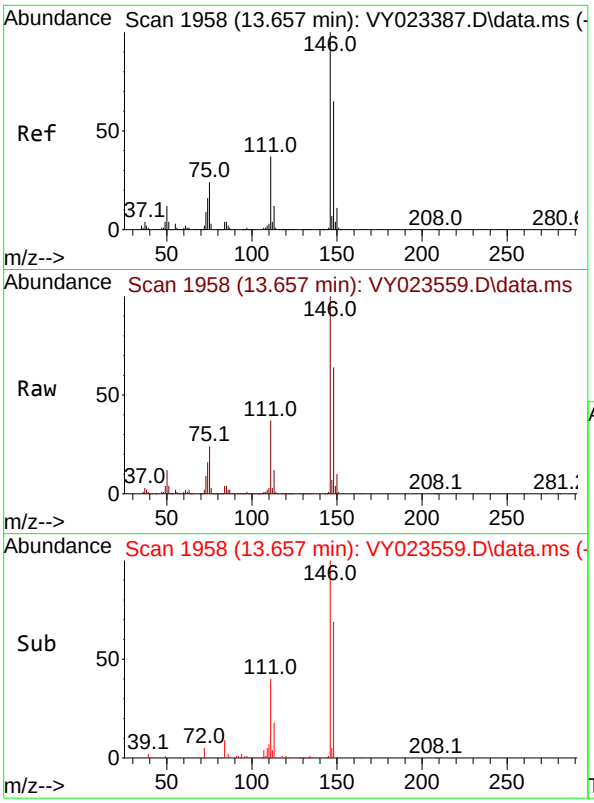


#90
Hexachloroethane
Concen: 54.294 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:117 Resp: 266678

Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.8	131.4

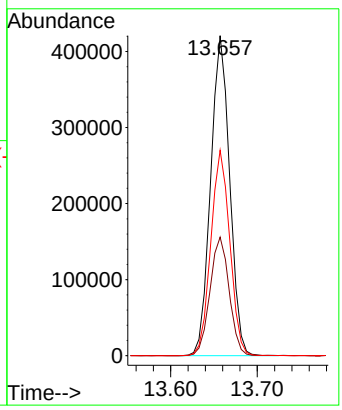




#91
1,2-Dichlorobenzene
Concen: 56.461 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:146 Resp: 64221

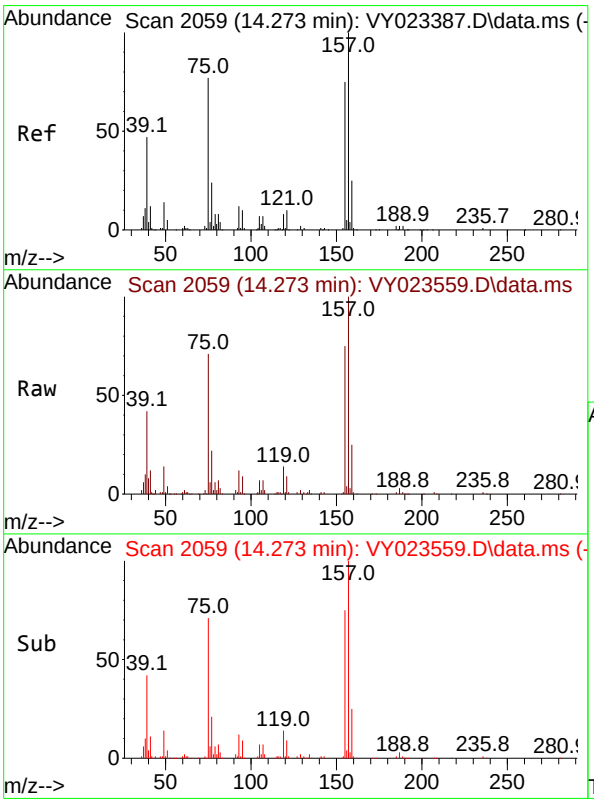
Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	64.1	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

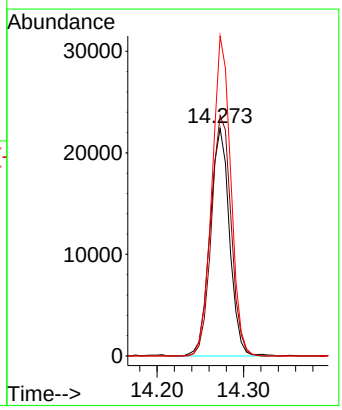
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

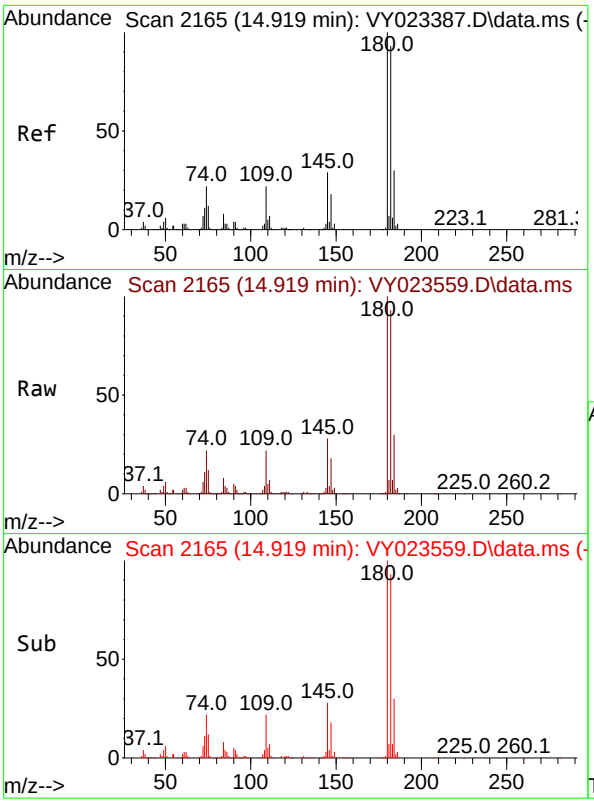


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.353 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 35210

Ion	Ratio	Lower	Upper
75	100		
155	105.8	50.0	150.0
157	134.6	63.8	191.5

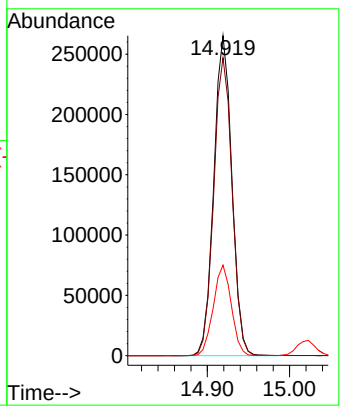




#93
1,2,4-Trichlorobenzene
Concen: 57.127 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:180 Resp: 40509

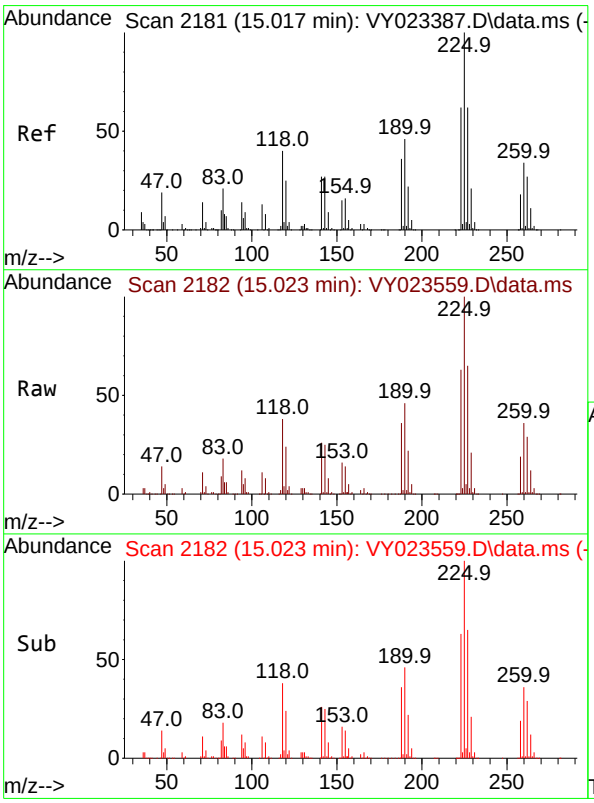
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	28.3	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

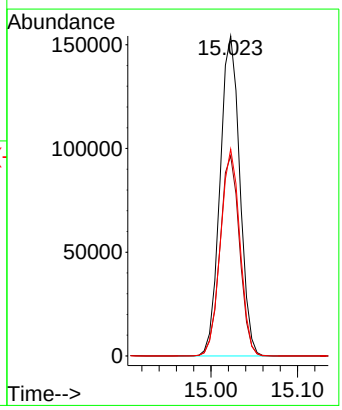
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

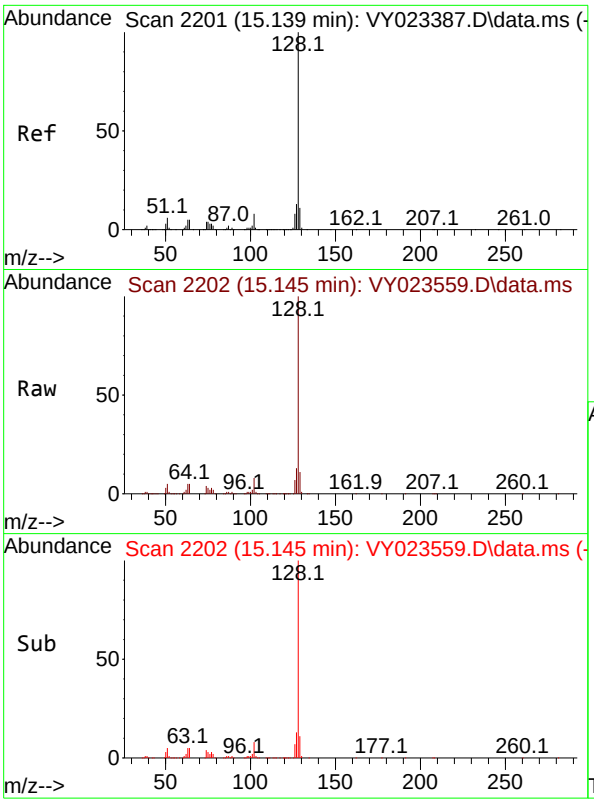


#94
Hexachlorobutadiene
Concen: 55.207 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:225 Resp: 244033

Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.3
227	63.7	31.9	95.7

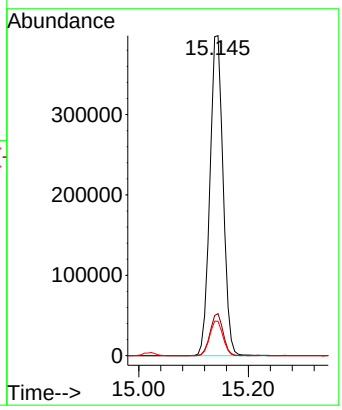




#95
Naphthalene
Concen: 58.694 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:128 Resp: 66276

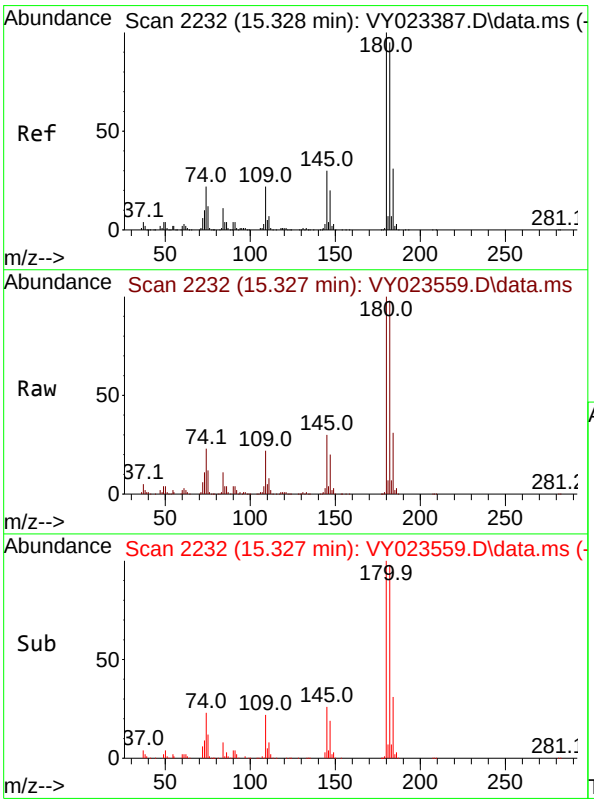
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

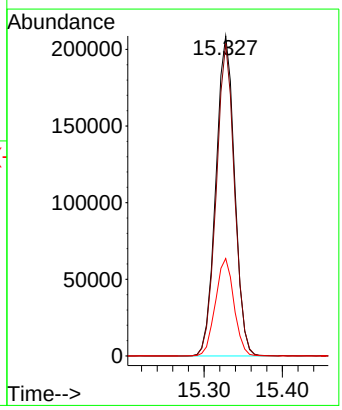
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.460 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:180 Resp: 346789

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.8
145	30.1	15.3	45.9



Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	95	0.00
2	T	Dichlorodifluoromethane	0.360	0.296	17.8	87	0.00
3	P	Chloromethane	0.490	0.393	19.8	83	0.00
4	C	Vinyl Chloride	0.639	0.540	15.5#	86	0.00
5	T	Bromomethane	0.536	0.487	9.1	98	0.00
6	T	Chloroethane	0.435	0.389	10.6	89	0.00
7	T	Trichlorofluoromethane	0.887	0.844	4.8	95	0.00
8	T	Diethyl Ether	0.232	0.240	-3.4	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.472	-2.6	102	0.00
10	T	Methyl Iodide	0.512	0.584	-14.1	103	0.00
11	T	Tert butyl alcohol	0.031	0.037	-19.4	139	0.00
12	CM	1,1-Dichloroethene	0.446	0.451	-1.1#	100	0.00
13	T	Acrolein	0.044	0.012	72.7#	27#	0.00
14	T	Allyl chloride	0.544	0.517	5.0	93	0.00
15	T	Acrylonitrile	0.089	0.092	-3.4	106	0.00
16	T	Acetone	0.100	0.101	-1.0	114	0.00
17	T	Carbon Disulfide	1.277	1.159	9.2	90	0.00
18	T	Methyl Acetate	0.261	0.280	-7.3	108	0.00
19	T	Methyl tert-butyl Ether	1.072	1.188	-10.8	110	0.00
20	T	Methylene Chloride	0.538	0.506	5.9	104	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.511	-4.1	103	0.00
22	T	Diisopropyl ether	1.202	1.236	-2.8	101	0.00
23	T	Vinyl Acetate	0.651	0.652	-0.2	99	0.00
24	P	1,1-Dichloroethane	0.796	0.814	-2.3	101	0.00
25	T	2-Butanone	0.122	0.124	-1.6	112	0.00
26	T	2,2-Dichloropropane	0.731	0.781	-6.8	105	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.623	-9.9	109	0.00
28	T	Bromochloromethane	0.297	0.248	16.5	88	0.00
29	T	Tetrahydrofuran	0.069	0.069	0.0	103	0.00
30	C	Chloroform	0.875	0.933	-6.6#	106	0.00
31	T	Cyclohexane	0.696	0.644	7.5	95	0.00
32	T	1,1,1-Trichloroethane	0.795	0.836	-5.2	103	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.374	10.5	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.307	0.304	1.0	96	0.00
36	T	1,1-Dichloropropene	0.407	0.426	-4.7	101	0.00
37	T	Ethyl Acetate	0.161	0.162	-0.6	102	0.00
38	T	Carbon Tetrachloride	0.493	0.528	-7.1	104	0.00
39	T	Methylcyclohexane	0.530	0.561	-5.8	100	0.00
40	TM	Benzene	1.288	1.380	-7.1	103	0.00
41	T	Methacrylonitrile	0.087	0.094	-8.0	111	0.00
42	TM	1,2-Dichloroethane	0.332	0.338	-1.8	101	0.00
43	T	Isopropyl Acetate	0.321	0.335	-4.4	105	0.00
44	TM	Trichloroethene	0.377	0.413	-9.5	106	0.00
45	C	1,2-Dichloropropane	0.285	0.304	-6.7#	105	0.00
46	T	Dibromomethane	0.180	0.198	-10.0	108	0.00
47	T	Bromodichloromethane	0.453	0.497	-9.7	107	0.00
48	T	Methyl methacrylate	0.151	0.153	-1.3	98	0.00

Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.002	0.002	0.0	114	0.00
50	S	Toluene-d8	1.144	1.115	2.5	93	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.181	-9.0	107	0.00
52	CM	Toluene	0.836	0.928	-11.0#	106	0.00
53	T	t-1,3-Dichloropropene	0.394	0.436	-10.7	107	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.520	-11.8	108	0.00
55	T	1,1,2-Trichloroethane	0.242	0.275	-13.6	112	0.00
56	T	Ethyl methacrylate	0.279	0.335	-20.1	113	0.00
57	T	1,3-Dichloropropane	0.383	0.427	-11.5	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.135	-8.0	99	0.00
59	T	2-Hexanone	0.119	0.131	-10.1	110	0.00
60	T	Dibromochloromethane	0.339	0.389	-14.7	112	0.00
61	T	1,2-Dibromoethane	0.231	0.263	-13.9	111	0.00
62	S	4-Bromofluorobenzene	0.378	0.376	0.5	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.516	0.576	-11.6	105	0.00
65	PM	Chlorobenzene	1.087	1.224	-12.6	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.438	-12.9	112	0.00
67	C	Ethyl Benzene	1.760	1.991	-13.1#	106	0.00
68	T	m/p-Xylenes	0.706	0.816	-15.6	108	0.00
69	T	o-Xylene	0.662	0.779	-17.7	110	0.00
70	T	Styrene	1.089	1.285	-18.0	110	0.00
71	P	Bromoform	0.240	0.278	-15.8	115	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.295	3.754	-13.9	110	0.00
74	T	N-amyl acetate	0.592	0.633	-6.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.600	-11.3	117	0.00
76	T	1,2,3-Trichloropropane	0.441	0.442	-0.2	99	0.00
77	T	Bromobenzene	0.876	0.980	-11.9	112	0.00
78	T	n-propylbenzene	3.813	4.325	-13.4	108	0.00
79	T	2-Chlorotoluene	2.233	2.492	-11.6	108	0.00
80	T	1,3,5-Trimethylbenzene	2.663	3.045	-14.3	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.204	-13.3	117	0.00
82	T	4-Chlorotoluene	2.300	2.543	-10.6	108	0.00
83	T	tert-Butylbenzene	2.458	2.878	-17.1	111	0.00
84	T	1,2,4-Trimethylbenzene	2.657	3.047	-14.7	109	0.00
85	T	sec-Butylbenzene	3.527	4.073	-15.5	110	0.00
86	T	p-Isopropyltoluene	3.003	3.518	-17.1	110	0.00
87	T	1,3-Dichlorobenzene	1.706	1.896	-11.1	111	0.00
88	T	1,4-Dichlorobenzene	1.685	1.876	-11.3	112	0.00
89	T	n-Butylbenzene	2.616	3.042	-16.3	110	0.00
90	T	Hexachloroethane	0.646	0.701	-8.5	109	0.00
91	T	1,2-Dichlorobenzene	1.496	1.689	-12.9	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.093	-5.7	108	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.065	-14.3	113	0.00
94	T	Hexachlorobutadiene	0.581	0.642	-10.5	108	0.00
95	T	Naphthalene	1.485	1.743	-17.4	115	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.912	-12.9	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	41.129	17.7	87	0.00
3	P	Chloromethane	50.000	40.052	19.9	83	0.00
4	C	Vinyl Chloride	50.000	42.285	15.4#	86	0.00
5	T	Bromomethane	50.000	45.475	9.0	98	0.00
6	T	Chloroethane	50.000	44.661	10.7	89	0.00
7	T	Trichlorofluoromethane	50.000	47.584	4.8	95	0.00
8	T	Diethyl Ether	50.000	51.703	-3.4	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.306	-2.6	102	0.00
10	T	Methyl Iodide	50.000	57.032	-14.1	103	0.00
11	T	Tert butyl alcohol	250.000	294.878	-18.0	139	0.00
12	CM	1,1-Dichloroethene	50.000	50.504	-1.0#	100	0.00
13	T	Acrolein	250.000	68.867	72.5#	27	0.00
14	T	Allyl chloride	50.000	47.575	4.8	93	0.00
15	T	Acrylonitrile	250.000	258.449	-3.4	106	0.00
16	T	Acetone	250.000	253.570	-1.4	114	0.00
17	T	Carbon Disulfide	50.000	45.399	9.2	90	0.00
18	T	Methyl Acetate	50.000	53.529	-7.1	108	0.00
19	T	Methyl tert-butyl Ether	50.000	55.391	-10.8	110	0.00
20	T	Methylene Chloride	50.000	46.987	6.0	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.986	-4.0	103	0.00
22	T	Diisopropyl ether	50.000	51.399	-2.8	101	0.00
23	T	Vinyl Acetate	250.000	250.506	-0.2	99	0.00
24	P	1,1-Dichloroethane	50.000	51.107	-2.2	101	0.00
25	T	2-Butanone	250.000	254.962	-2.0	112	0.00
26	T	2,2-Dichloropropane	50.000	53.419	-6.8	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.911	-9.8	109	0.00
28	T	Bromochloromethane	50.000	41.717	16.6	88	0.00
29	T	Tetrahydrofuran	250.000	251.315	-0.5	103	0.00
30	C	Chloroform	50.000	53.320	-6.6#	106	0.00
31	T	Cyclohexane	50.000	46.305	7.4	95	0.00
32	T	1,1,1-Trichloroethane	50.000	52.584	-5.2	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.694	10.6	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	49.453	1.1	96	0.00
36	T	1,1-Dichloropropene	50.000	52.372	-4.7	101	0.00
37	T	Ethyl Acetate	50.000	50.360	-0.7	102	0.00
38	T	Carbon Tetrachloride	50.000	53.563	-7.1	104	0.00
39	T	Methylcyclohexane	50.000	52.994	-6.0	100	0.00
40	TM	Benzene	50.000	53.575	-7.2	103	0.00
41	T	Methacrylonitrile	50.000	54.008	-8.0	111	0.00
42	TM	1,2-Dichloroethane	50.000	50.864	-1.7	101	0.00
43	T	Isopropyl Acetate	50.000	52.107	-4.2	105	0.00
44	TM	Trichloroethene	50.000	54.817	-9.6	106	0.00
45	C	1,2-Dichloropropane	50.000	53.397	-6.8#	105	0.00
46	T	Dibromomethane	50.000	54.988	-10.0	108	0.00
47	T	Bromodichloromethane	50.000	54.883	-9.8	107	0.00
48	T	Methyl methacrylate	50.000	50.755	-1.5	98	0.00

Sample Results: **VY023559.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	1146.304	-14.6	114	0.00
50	S	Toluene-d8	50.000	48.722	2.6	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.142	-8.9	107	0.00
52	CM	Toluene	50.000	55.476	-11.0#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	55.385	-10.8	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.911	-11.8	108	0.00
55	T	1,1,2-Trichloroethane	50.000	56.837	-13.7	112	0.00
56	T	Ethyl methacrylate	50.000	60.107	-20.2	113	0.00
57	T	1,3-Dichloropropane	50.000	55.727	-11.5	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.556	-8.2	99	0.00
59	T	2-Hexanone	250.000	275.001	-10.0	110	0.00
60	T	Dibromochloromethane	50.000	57.348	-14.7	112	0.00
61	T	1,2-Dibromoethane	50.000	57.024	-14.0	111	0.00
62	S	4-Bromofluorobenzene	50.000	49.801	0.4	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	55.753	-11.5	105	0.00
65	PM	Chlorobenzene	50.000	56.267	-12.5	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.479	-13.0	112	0.00
67	C	Ethyl Benzene	50.000	56.546	-13.1#	106	0.00
68	T	m/p-Xylenes	100.000	115.537	-15.5	108	0.00
69	T	o-Xylene	50.000	58.810	-17.6	110	0.00
70	T	Styrene	50.000	58.986	-18.0	110	0.00
71	P	Bromoform	50.000	57.877	-15.8	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	56.959	-13.9	110	0.00
74	T	N-amyl acetate	50.000	53.438	-6.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.639	-11.3	117	0.00
76	T	1,2,3-Trichloropropane	50.000	50.142	-0.3	99	0.00
77	T	Bromobenzene	50.000	55.922	-11.8	112	0.00
78	T	n-propylbenzene	50.000	56.707	-13.4	108	0.00
79	T	2-Chlorotoluene	50.000	55.795	-11.6	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.172	-14.3	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.799	-13.6	117	0.00
82	T	4-Chlorotoluene	50.000	55.281	-10.6	108	0.00
83	T	tert-Butylbenzene	50.000	58.535	-17.1	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.333	-14.7	109	0.00
85	T	sec-Butylbenzene	50.000	57.753	-15.5	110	0.00
86	T	p-Isopropyltoluene	50.000	58.577	-17.2	110	0.00
87	T	1,3-Dichlorobenzene	50.000	55.564	-11.1	111	0.00
88	T	1,4-Dichlorobenzene	50.000	55.673	-11.3	112	0.00
89	T	n-Butylbenzene	50.000	58.138	-16.3	110	0.00
90	T	Hexachloroethane	50.000	54.294	-8.6	109	0.00
91	T	1,2-Dichlorobenzene	50.000	56.461	-12.9	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.353	-4.7	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.127	-14.3	113	0.00
94	T	Hexachlorobutadiene	50.000	55.207	-10.4	108	0.00
95	T	Naphthalene	50.000	58.694	-17.4	115	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	56.460	-12.9	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VY023583.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG No.: Q3413
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/24/2025 19:06
Lab File ID: VY023583.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.285		-20.83	50
Chloromethane	0.490	0.394	0.1	-19.59	50
Vinyl Chloride	0.639	0.539		-15.65	50
Bromomethane	0.536	0.462		-13.81	50
Chloroethane	0.435	0.394		-9.43	50
Trichlorofluoromethane	0.887	0.797		-10.15	50
1,1,2-Trichlorotrifluoroethane	0.460	0.447		-2.83	50
1,1-Dichloroethene	0.446	0.430		-3.59	50
Acetone	0.100	0.074		-26	50
Carbon Disulfide	1.277	1.114		-12.76	50
Methyl tert-butyl Ether	1.072	1.114		3.92	50
Methyl Acetate	0.261	0.325		24.52	50
Methylene Chloride	0.538	0.509		-5.39	50
trans-1,2-Dichloroethene	0.491	0.500		1.83	50
1,1-Dichloroethane	0.796	0.793	0.1	-0.38	50
Cyclohexane	0.696	0.608		-12.64	50
2-Butanone	0.122	0.106		-13.11	50
Carbon Tetrachloride	0.493	0.504		2.23	50
cis-1,2-Dichloroethene	0.567	0.605		6.7	50
Bromochloromethane	0.297	0.261		-12.12	50
Chloroform	0.875	0.915		4.57	50
1,1,1-Trichloroethane	0.795	0.815		2.52	50
Methylcyclohexane	0.530	0.521		-1.7	50
Benzene	1.288	1.333		3.49	50
1,2-Dichloroethane	0.332	0.332		0	50
Trichloroethene	0.377	0.395		4.78	50
1,2-Dichloropropane	0.285	0.298		4.56	50
Bromodichloromethane	0.453	0.482		6.4	50
4-Methyl-2-Pentanone	0.166	0.170		2.41	50
Toluene	0.836	0.897		7.3	50
t-1,3-Dichloropropene	0.394	0.409		3.81	50
cis-1,3-Dichloropropene	0.465	0.485		4.3	50
1,1,2-Trichloroethane	0.242	0.264		9.09	50
2-Hexanone	0.119	0.115		-3.36	50
Dibromochloromethane	0.339	0.375		10.62	50
1,2-Dibromoethane	0.231	0.251		8.66	50
Tetrachloroethene	0.516	0.567		9.88	50
Chlorobenzene	1.087	1.141	0.3	4.97	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VY023583.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3413
Instrument ID:	MSVOA_Y	Calibration Date/Time:	10/24/2025 19:06
Lab File ID:	VY023583.D	Init. Calib. Date(s):	10/07/2025 10/07/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:17 12:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.865		5.97	50
m/p-Xylenes	0.706	0.753		6.66	50
o-Xylene	0.662	0.715		8.01	50
Styrene	1.089	1.196		9.83	50
Bromoform	0.240	0.256	0.1	6.67	50
Isopropylbenzene	3.295	3.440		4.4	50
1,1,2,2-Tetrachloroethane	0.539	0.541	0.3	0.37	50
1,3-Dichlorobenzene	1.706	1.741		2.05	50
1,4-Dichlorobenzene	1.685	1.692		0.41	50
1,2-Dichlorobenzene	1.496	1.536		2.67	50
1,2-Dibromo-3-Chloropropane	0.088	0.082		-6.82	50
1,2,4-Trichlorobenzene	0.932	0.908		-2.58	50
1,2,3-Trichlorobenzene	0.808	0.780		-3.46	50
1,2-Dichloroethane-d4	0.418	0.388		-7.18	50
Dibromofluoromethane	0.307	0.308		0.33	50
Toluene-d8	1.144	1.127		-1.49	50
4-Bromofluorobenzene	0.378	0.380		0.53	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\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	507234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	742233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	668743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	357296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	196658	46.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.720%			
35) Dibromofluoromethane	7.640	113	228285	50.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.120%			
50) Toluene-d8	10.109	98	836159	49.231	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	281968	50.285	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	144801	39.661	ug/l	100
3) Chloromethane	2.074	50	200024	40.217	ug/l	99
4) Vinyl Chloride	2.208	62	273481	42.216	ug/l	100
5) Bromomethane	2.599	94	234131	43.068	ug/l	98
6) Chloroethane	2.739	64	199836	45.255	ug/l	100
7) Trichlorofluoromethane	3.062	101	404235	44.941	ug/l	100
8) Diethyl Ether	3.458	74	116883	49.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	226786	48.588	ug/l	98
10) Methyl Iodide	4.013	142	290920	55.987	ug/l	99
11) Tert butyl alcohol	4.860	59	76964	243.906	ug/l	100
12) 1,1-Dichloroethene	3.793	96	218291	48.245	ug/l	96
13) Acrolein	3.653	56	27293	61.212	ug/l	96
14) Allyl chloride	4.391	41	253759	46.019	ug/l	97
15) Acrylonitrile	5.061	53	227067	252.444	ug/l	99
16) Acetone	3.873	43	186647	184.839	ug/l	94
17) Carbon Disulfide	4.110	76	564814	43.615	ug/l	100
18) Methyl Acetate	4.391	43	164880	62.245	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	565049	51.960	ug/l	94
20) Methylene Chloride	4.623	84	257954	47.242	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	253815	50.951	ug/l	96
22) Diisopropyl ether	6.025	45	610636	50.063	ug/l	98
23) Vinyl Acetate	5.964	43	1480410	224.231	ug/l	97
24) 1,1-Dichloroethane	5.921	63	402141	49.772	ug/l	99
25) 2-Butanone	6.897	43	268400	217.718	ug/l	97
26) 2,2-Dichloropropane	6.890	77	353098	47.627	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	307032	53.358	ug/l	94
28) Bromochloromethane	7.250	49	132517	43.934	ug/l	96
29) Tetrahydrofuran	7.262	42	168634	241.224	ug/l	94
30) Chloroform	7.427	83	464230	52.295	ug/l	100
31) Cyclohexane	7.707	56	308332	43.698	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	413313	51.234	ug/l	99
36) 1,1-Dichloropropene	7.841	75	302655	50.126	ug/l	99
37) Ethyl Acetate	6.988	43	112306	46.950	ug/l	97
38) Carbon Tetrachloride	7.823	117	374359	51.133	ug/l	100
39) Methylcyclohexane	9.110	83	386395	49.151	ug/l	99
40) Benzene	8.085	78	989530	51.750	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	63044	48.731	ug/l		93
42) 1,2-Dichloroethane	8.159	62	246319	49.949	ug/l		98
43) Isopropyl Acetate	8.201	43	230249	48.273	ug/l		99
44) Trichloroethene	8.866	130	293471	52.437	ug/l		100
45) 1,2-Dichloropropane	9.146	63	221418	52.426	ug/l		99
46) Dibromomethane	9.231	93	142853	53.491	ug/l		98
47) Bromodichloromethane	9.427	83	358037	53.231	ug/l		98
48) Methyl methacrylate	9.225	41	110497	49.312	ug/l		92
49) 1,4-Dioxane	9.231	88	31880	1029.589	ug/l		99
51) 4-Methyl-2-Pentanone	10.000	43	631539	256.268	ug/l		98
52) Toluene	10.170	92	665485	53.602	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	303725	51.933	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	360060	52.164	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	196300	54.660	ug/l		97
56) Ethyl methacrylate	10.439	69	229792	55.470	ug/l		95
57) 1,3-Dichloropropane	10.719	76	303529	53.336	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	524417	282.585	ug/l		98
59) 2-Hexanone	10.762	43	428030	243.040	ug/l		97
60) Dibromochloromethane	10.914	129	278085	55.230	ug/l		99
61) 1,2-Dibromoethane	11.018	107	186217	54.370	ug/l		100
64) Tetrachloroethene	10.646	164	378855	54.866	ug/l		99
65) Chlorobenzene	11.445	112	763325	52.481	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	274597	52.979	ug/l		98
67) Ethyl Benzene	11.518	91	1247469	52.985	ug/l		98
68) m/p-Xylenes	11.627	106	1007740	106.715	ug/l		100
69) o-Xylene	11.957	106	478468	54.018	ug/l		98
70) Styrene	11.969	104	799488	54.888	ug/l		99
71) Bromoform	12.133	173	171092	53.216	ug/l	#	100
73) Isopropylbenzene	12.255	105	1228980	52.194	ug/l		100
74) N-amyl acetate	12.072	43	191987	45.395	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	193427	50.226	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	144559m	45.858	ug/l		
77) Bromobenzene	12.530	156	321558	51.369	ug/l		99
78) n-propylbenzene	12.597	91	1429172	52.451	ug/l		100
79) 2-Chlorotoluene	12.676	91	824123	51.649	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	1008678	53.013	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	62762	48.823	ug/l		98
82) 4-Chlorotoluene	12.774	91	844797	51.408	ug/l		99
83) tert-Butylbenzene	12.993	119	932779	53.096	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1007932	53.080	ug/l		100
85) sec-Butylbenzene	13.176	105	1323261	52.508	ug/l		100
86) p-Isopropyltoluene	13.292	119	1130580	52.691	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	621919	51.020	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	604673	50.226	ug/l		100
89) n-Butylbenzene	13.615	91	958317	51.258	ug/l		100
90) Hexachloroethane	13.877	117	233027	50.494	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	548852	51.357	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29259	46.303	ug/l		92
93) 1,2,4-Trichlorobenzene	14.919	180	324466	48.700	ug/l		100
94) Hexachlorobutadiene	15.023	225	199621	48.065	ug/l		98
95) Naphthalene	15.145	128	517890	48.814	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	278723	48.298	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
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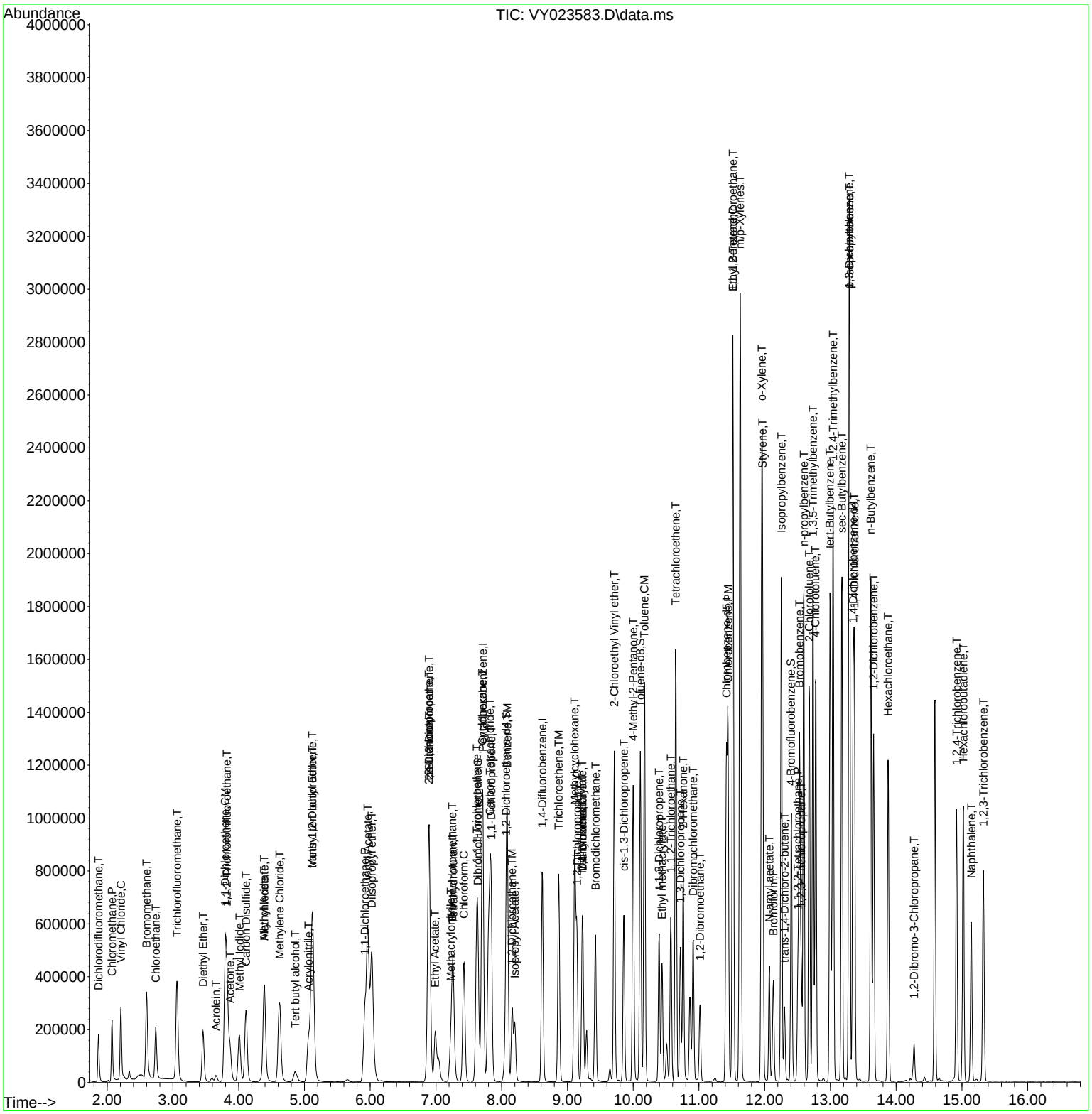
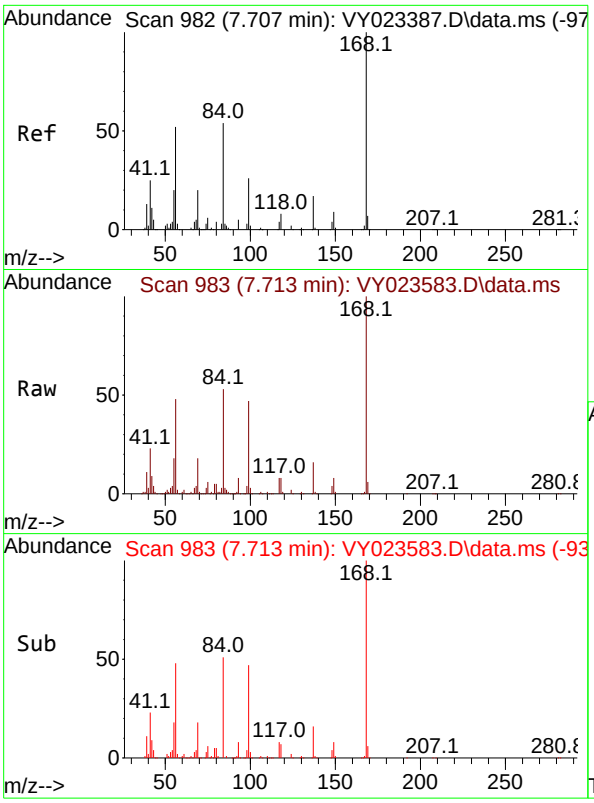
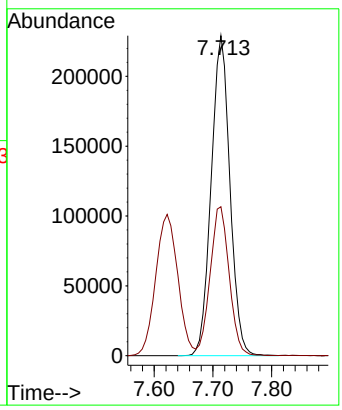




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:168 Resp: 50723

Ion	Ratio	Lower	Upper
168	100		
99	46.5	39.7	59.5



Instrument :
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ClientSampleId :
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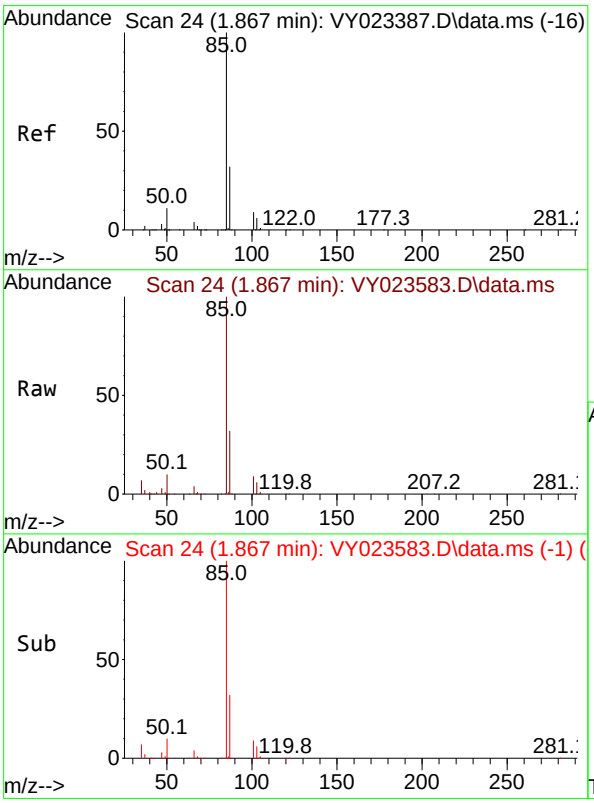
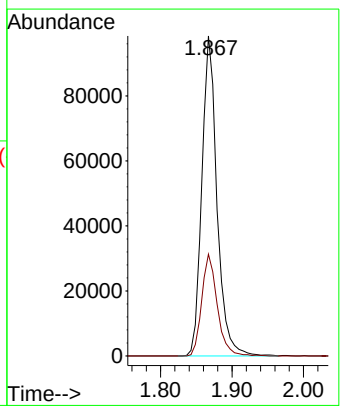
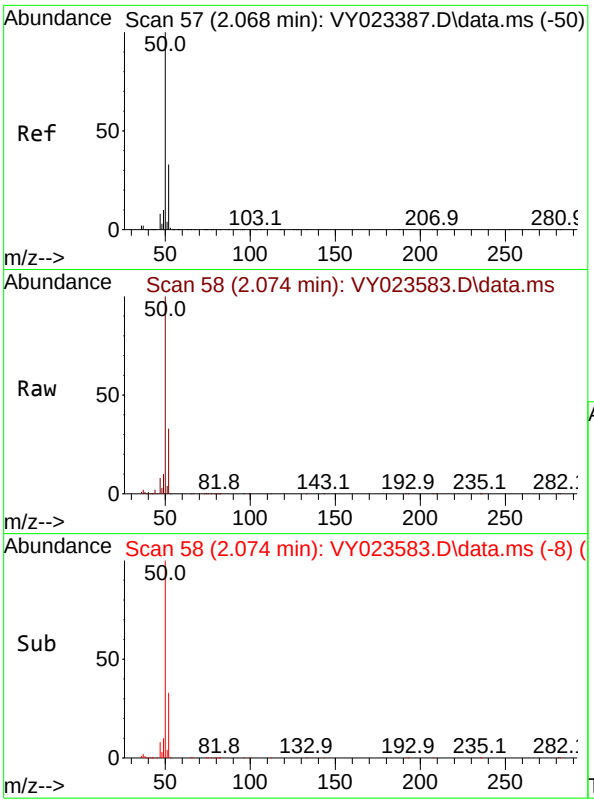


#2
Dichlorodifluoromethane
Concen: 39.661 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 85 Resp: 144801

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.0	47.9

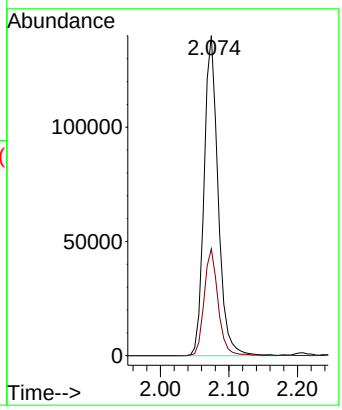




#3
Chloromethane
Concen: 40.217 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 50 Resp: 20002

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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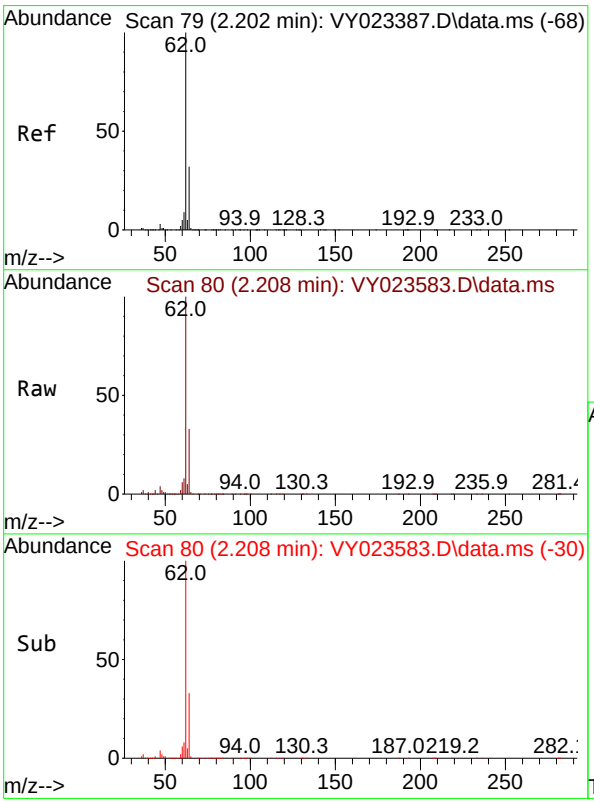
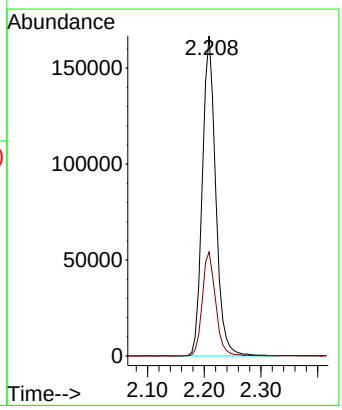
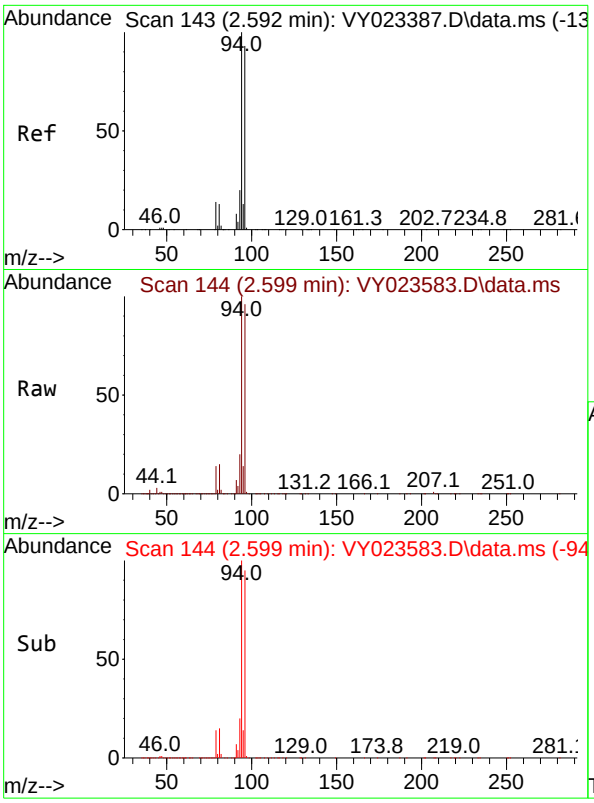


#4
Vinyl Chloride
Concen: 42.216 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 62 Resp: 273481

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8

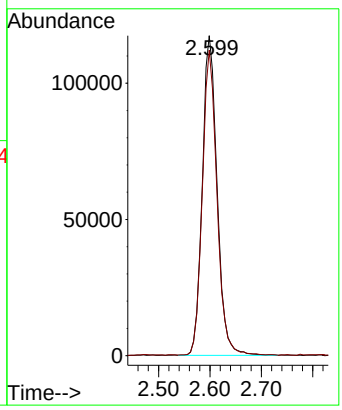




#5
Bromomethane
Concen: 43.068 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 94 Resp: 23413

Ion	Ratio	Lower	Upper
94	100		
96	95.5	74.5	111.7



Instrument :
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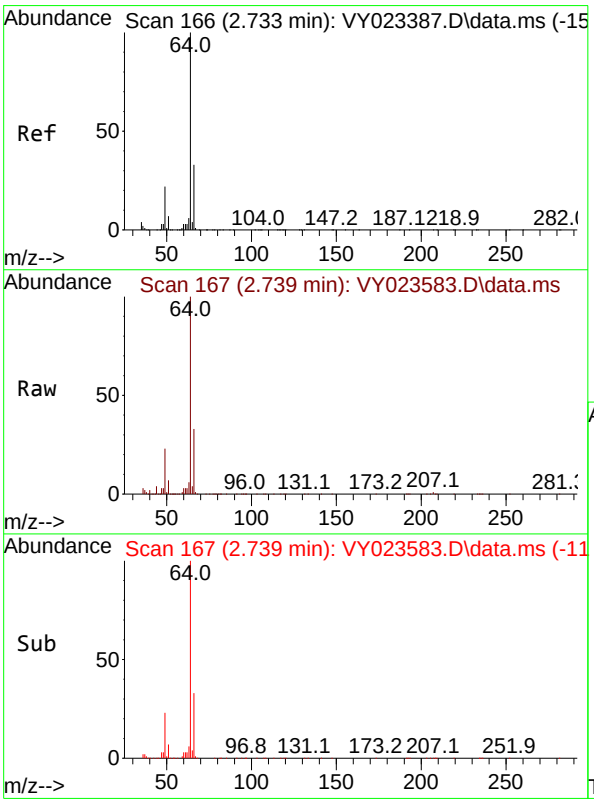
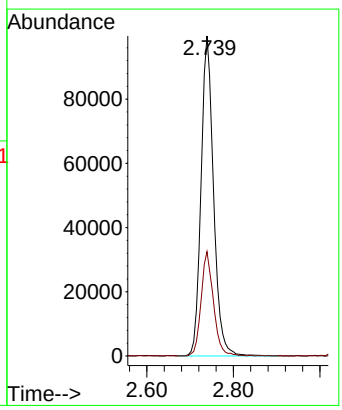
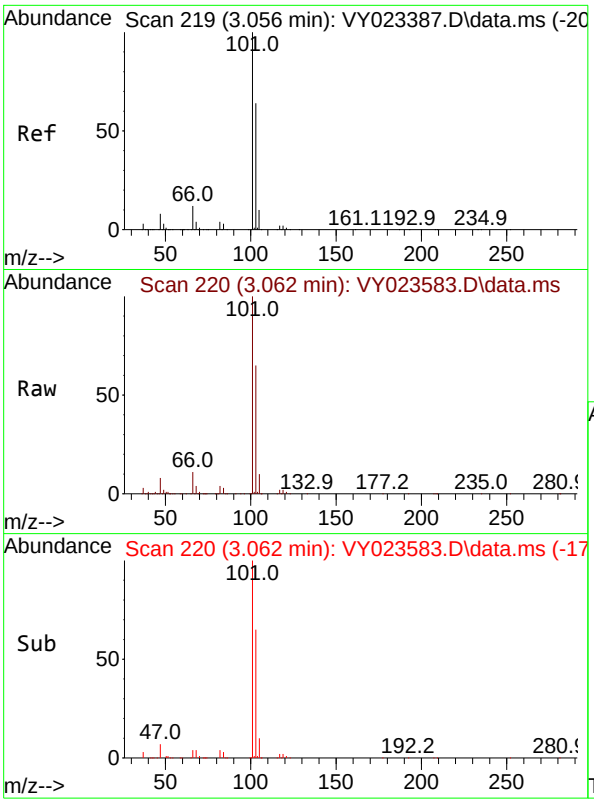


#6
Chloroethane
Concen: 45.255 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 64 Resp: 199836

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.2	39.4





#7
Trichlorofluoromethane
Concen: 44.941 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:101 Resp: 40423

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.3	76.9

Instrument :
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ClientSampleId :
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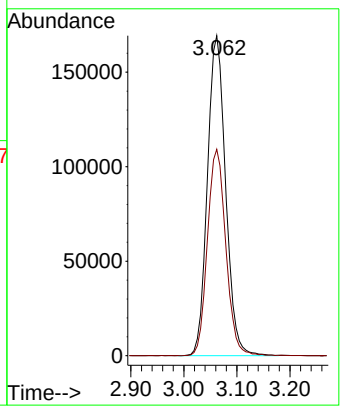
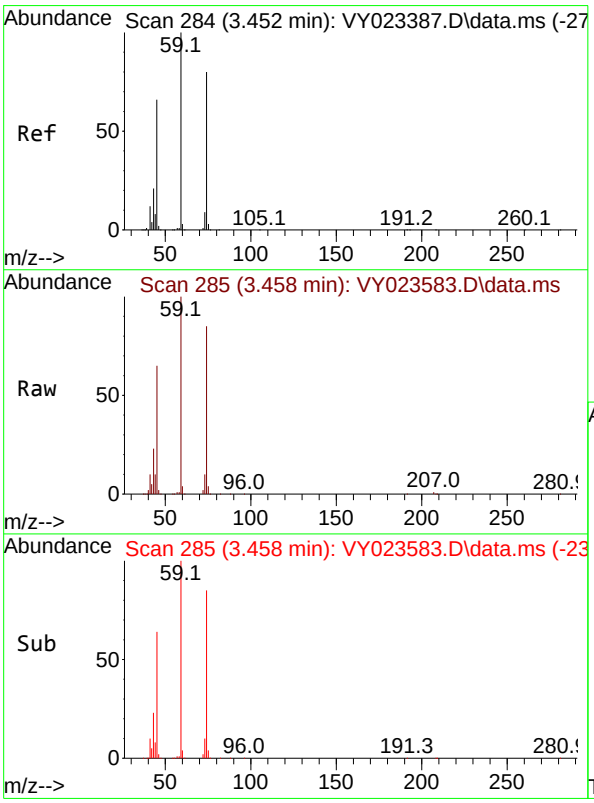
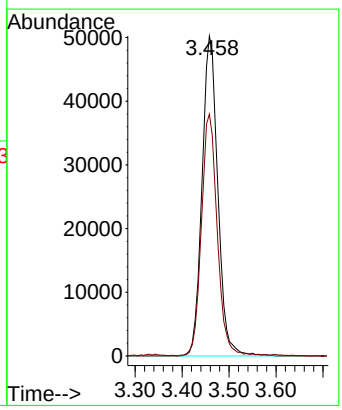


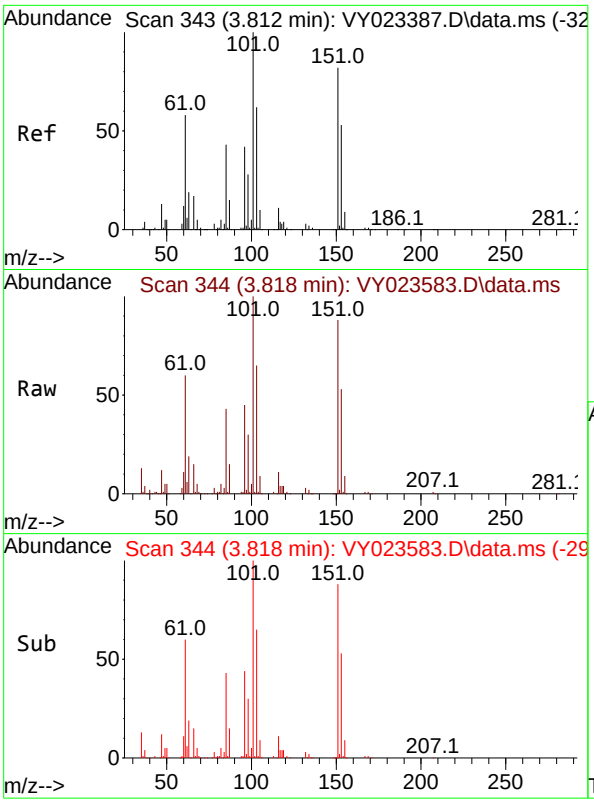


#8
Diethyl Ether
Concen: 49.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 74 Resp: 116883

Ion	Ratio	Lower	Upper
74	100		
45	76.2	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.588 ug/l
RT: 3.818 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:101 Resp: 22678

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.6	51.8
151	85.7	67.0	100.6

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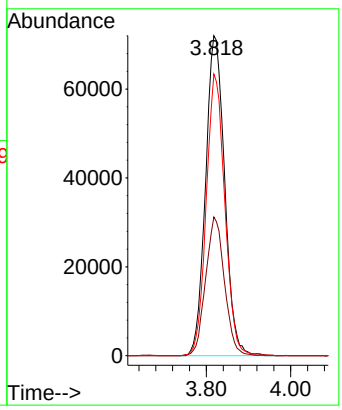
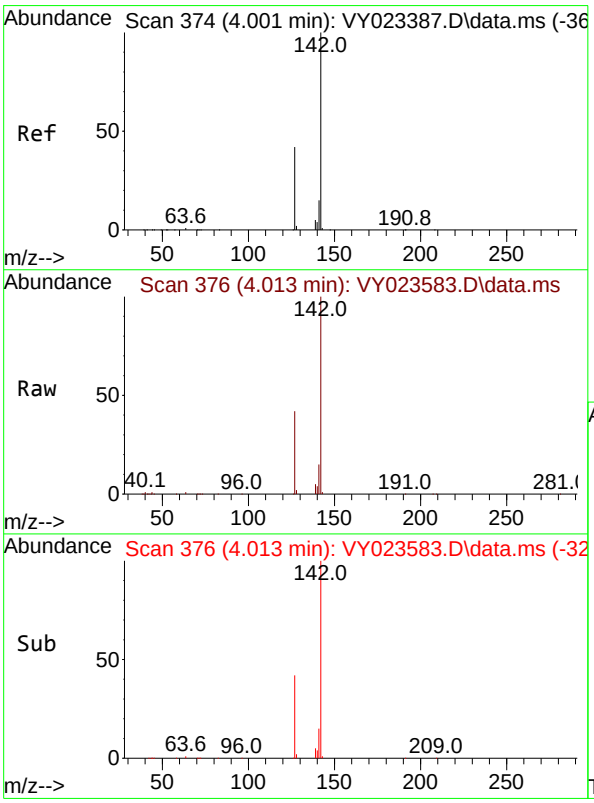
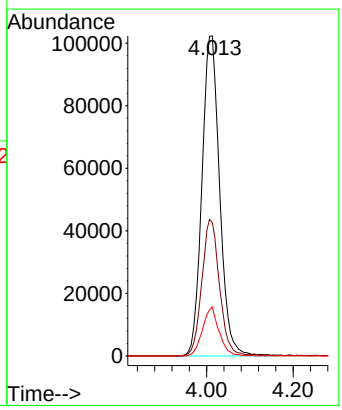


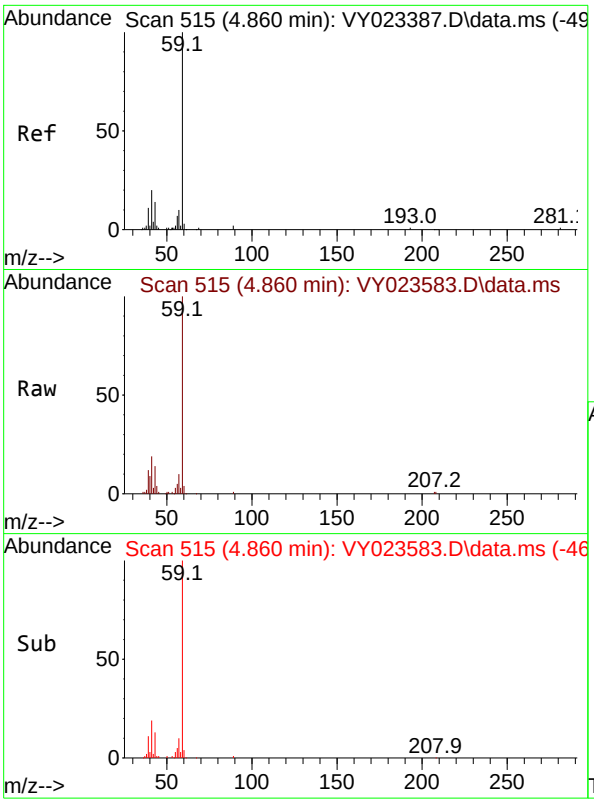


#10
Methyl Iodide
Concen: 55.987 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:142 Resp: 290920

Ion	Ratio	Lower	Upper
142	100		
127	42.6	34.8	52.2
141	14.3	11.6	17.4





#11
Tert butyl alcohol
Concen: 243.906 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 59 Resp: 7696

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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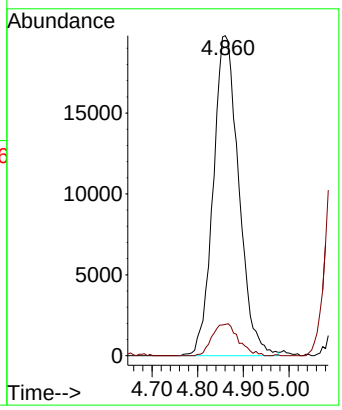
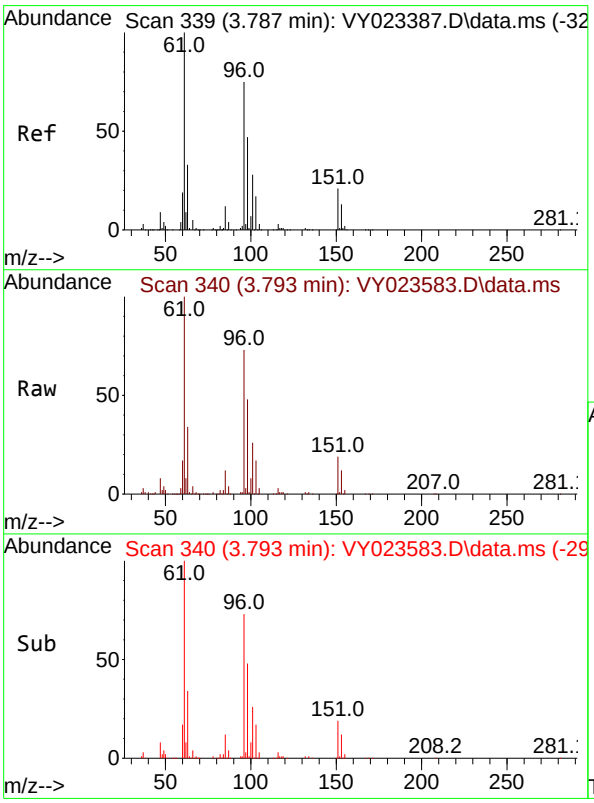
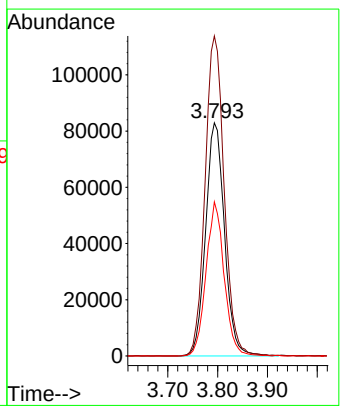


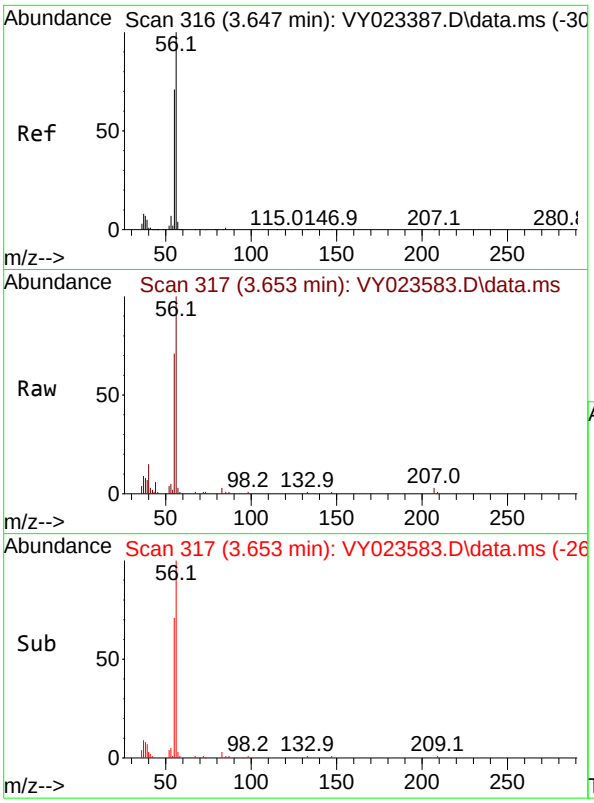


#12
1,1-Dichloroethene
Concen: 48.245 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 96 Resp: 218291

Ion	Ratio	Lower	Upper
96	100		
61	137.2	106.7	160.1
98	66.1	50.2	75.4

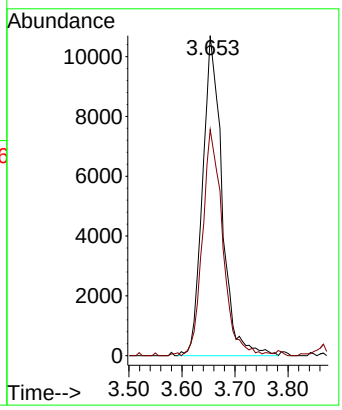




#13
Acrolein
Concen: 61.212 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 56 Resp: 2729

Ion	Ratio	Lower	Upper
56	100		
55	73.1	56.1	84.1



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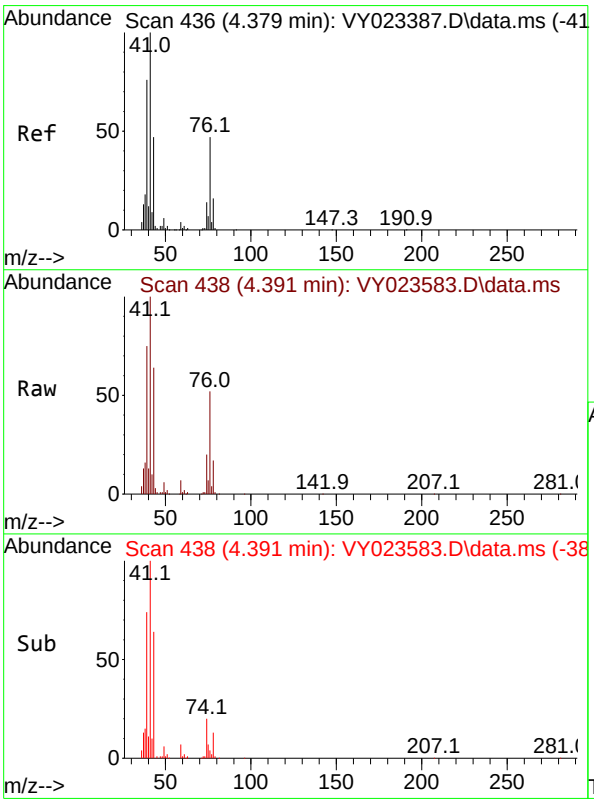
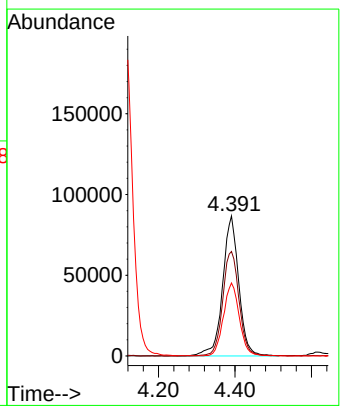
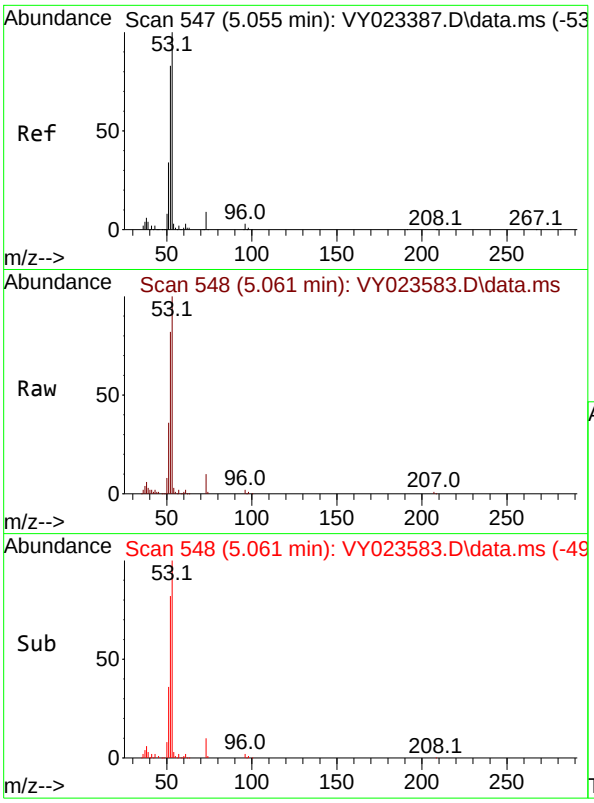


#14
Allyl chloride
Concen: 46.019 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 253759

Ion	Ratio	Lower	Upper
41	100		
39	76.1	59.9	89.9
76	51.3	38.0	57.0

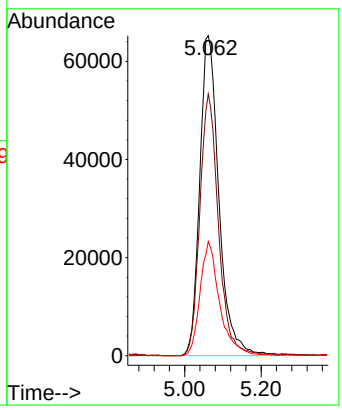




#15
Acrylonitrile
Concen: 252.444 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 53 Resp: 22706

Ion	Ratio	Lower	Upper
53	100		
52	79.1	64.6	97.0
51	36.5	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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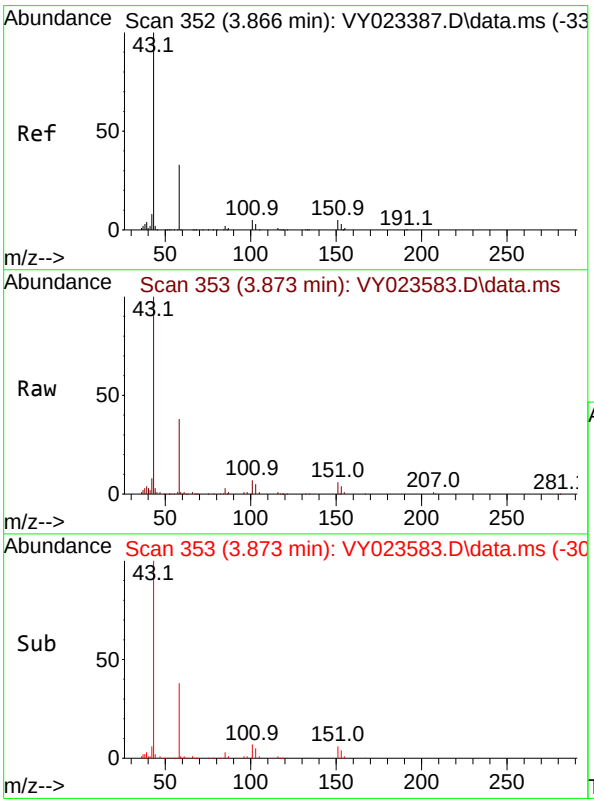
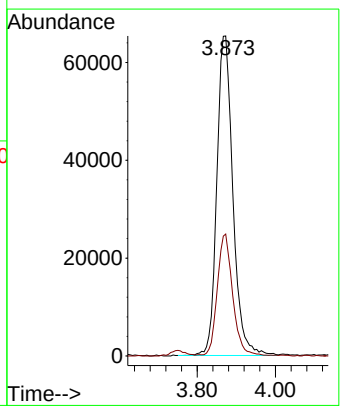
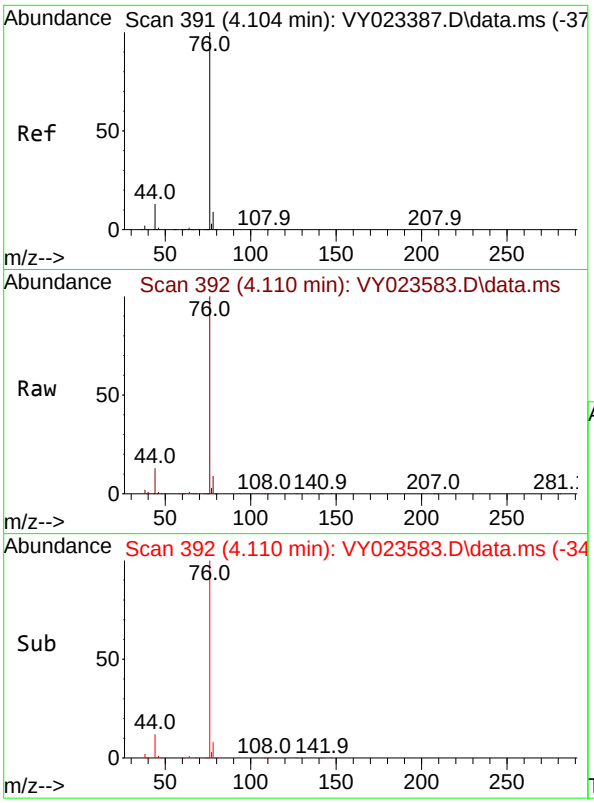


#16
Acetone
Concen: 184.839 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 186647

Ion	Ratio	Lower	Upper
43	100		
58	38.0	27.7	41.5





#17
Carbon Disulfide
Concen: 43.615 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 76 Resp: 56481

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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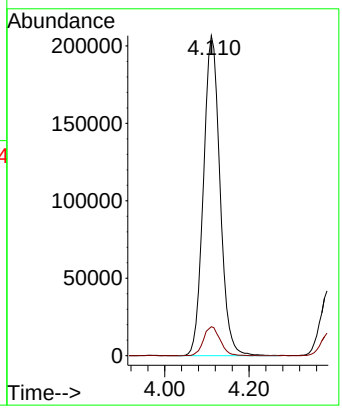
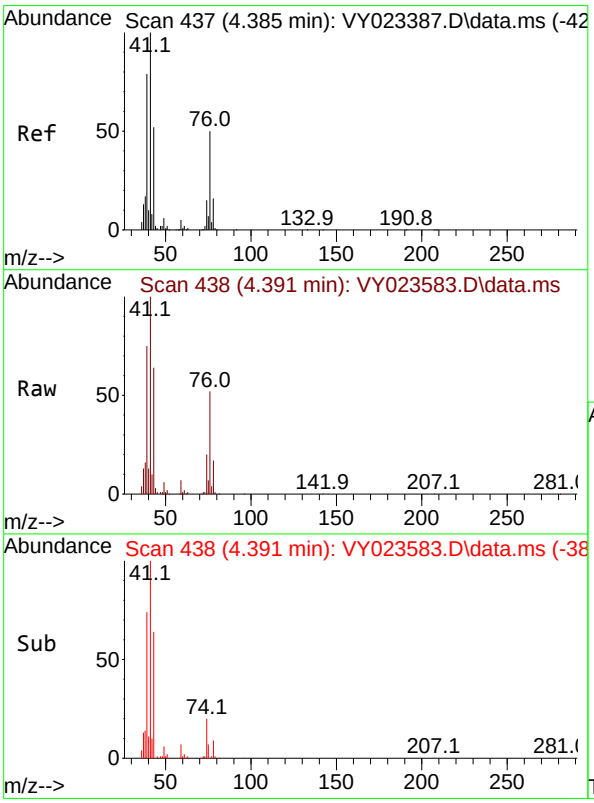
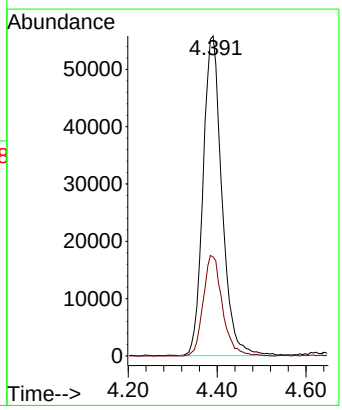


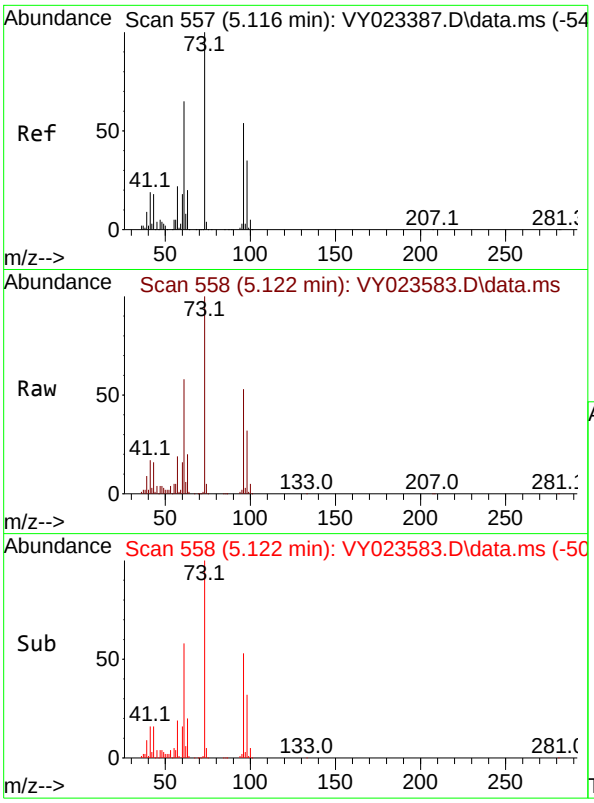


#18
Methyl Acetate
Concen: 62.245 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 164880

Ion	Ratio	Lower	Upper
43	100		
74	32.0	24.2	36.4

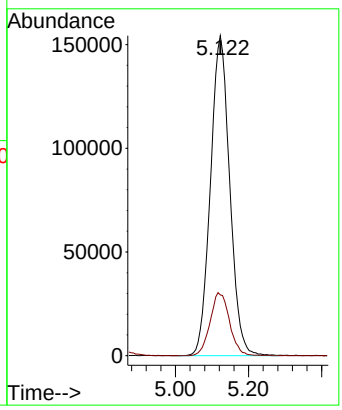




#19
Methyl tert-butyl Ether
Concen: 51.960 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 73 Resp: 56504

Ion	Ratio	Lower	Upper
73	100		
57	19.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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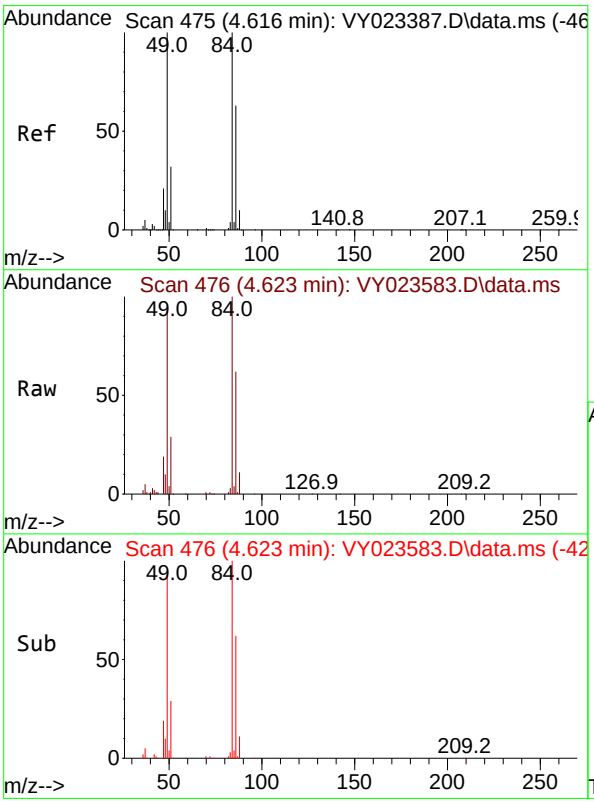
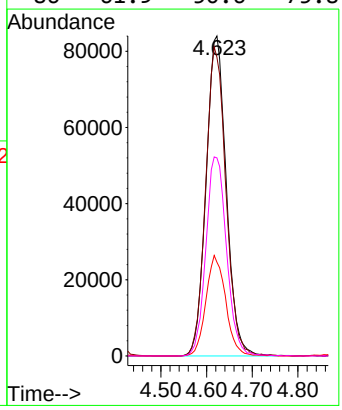
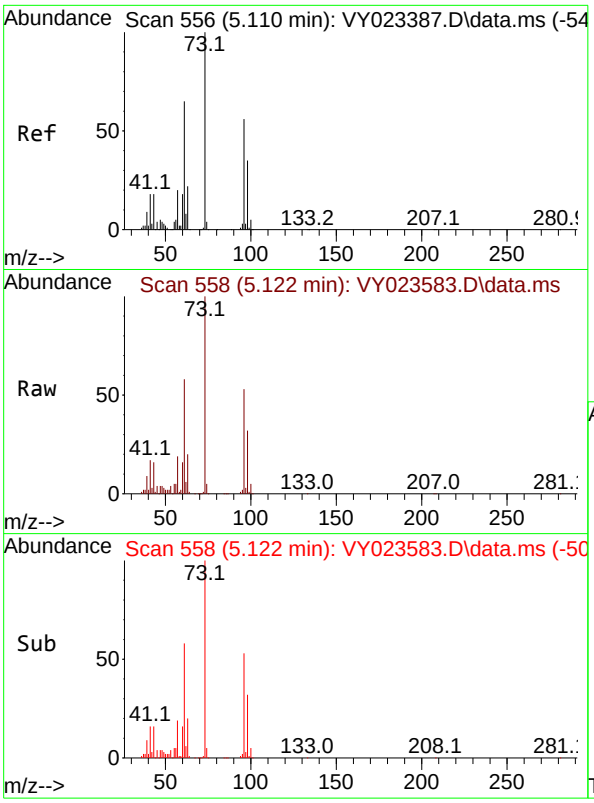


#20
Methylene Chloride
Concen: 47.242 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 84 Resp: 257954

Ion	Ratio	Lower	Upper
84	100		
49	93.4	80.2	120.4
51	29.3	25.9	38.9
86	61.9	50.6	75.8

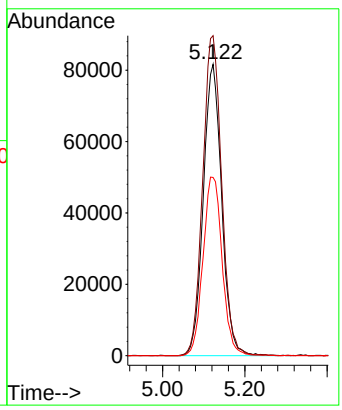




#21
trans-1,2-Dichloroethene
Concen: 50.951 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 96 Resp: 25381

Ion	Ratio	Lower	Upper
96	100		
61	109.8	92.7	139.1
98	61.2	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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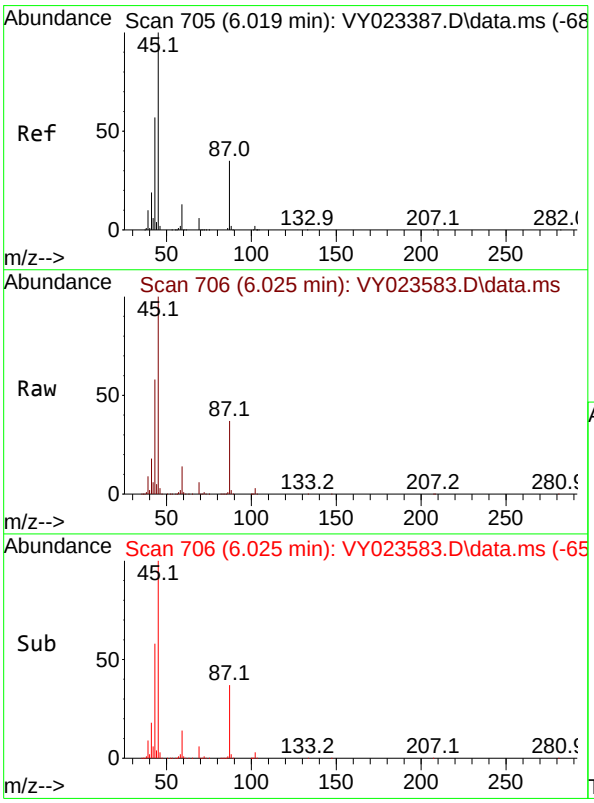
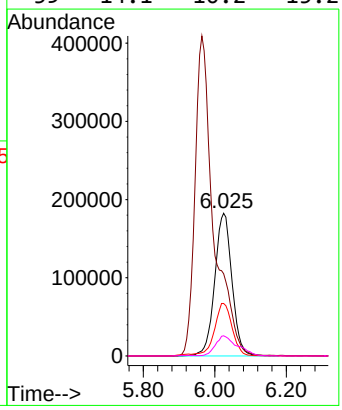
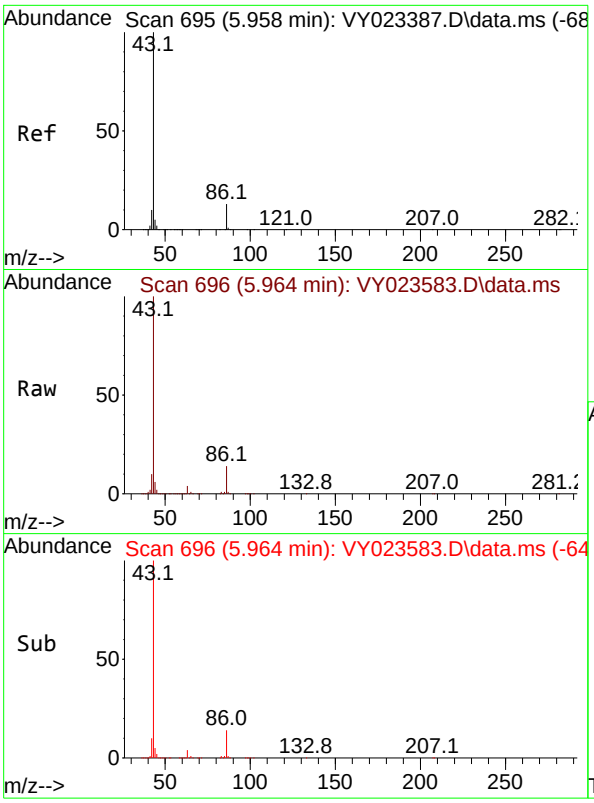


#22
Diisopropyl ether
Concen: 50.063 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 45 Resp: 610636

Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.6	68.4
87	36.7	28.1	42.1
59	14.1	10.2	15.2





#23
Vinyl Acetate
Concen: 224.231 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 148041

Ion	Ratio	Lower	Upper
43	100		
86	14.2	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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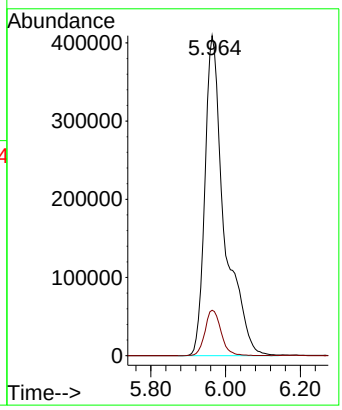
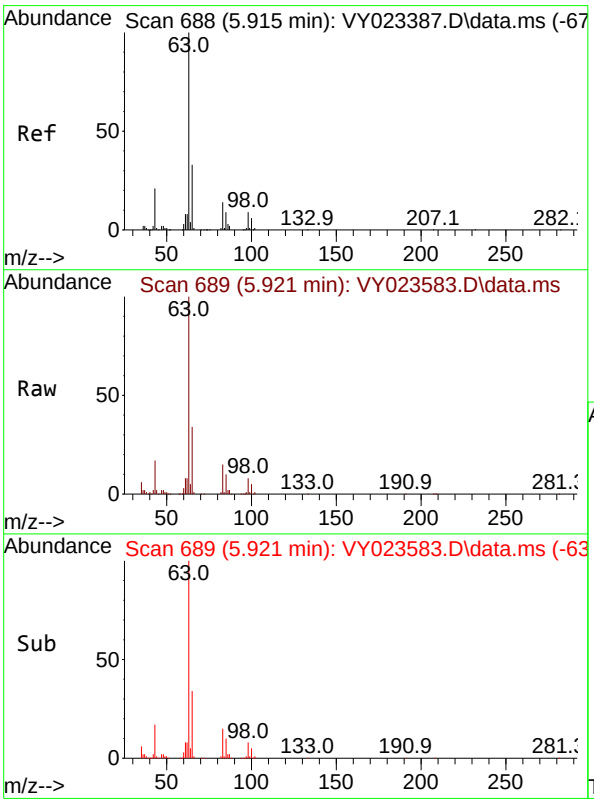
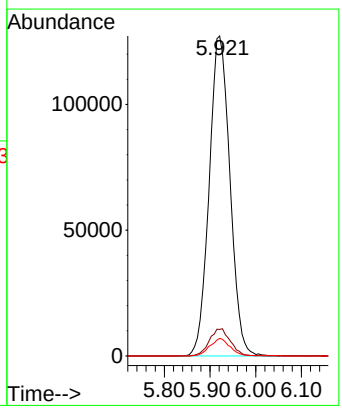


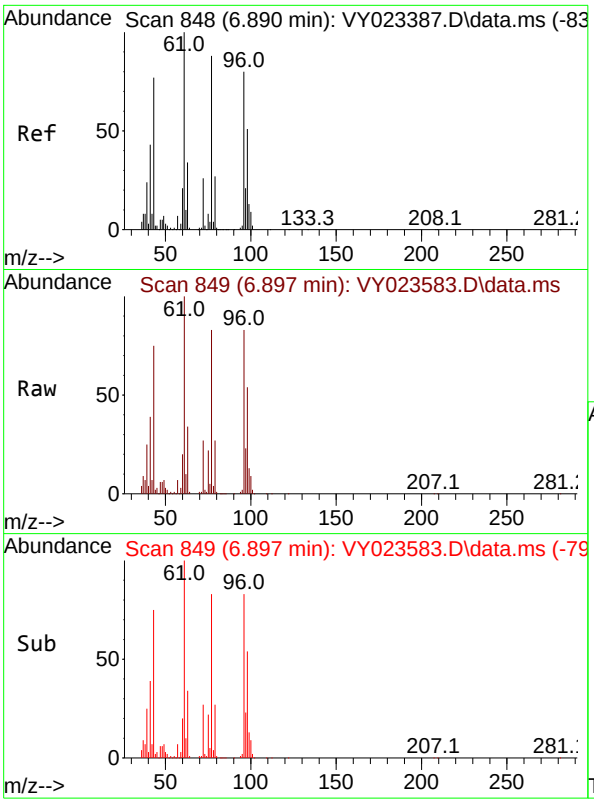


#24
1,1-Dichloroethane
Concen: 49.772 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 63 Resp: 402141

Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.3	13.1
100	5.5	2.8	8.4





#25
2-Butanone
Concen: 217.718 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 26840

Ion	Ratio	Lower	Upper
43	100		
72	36.2	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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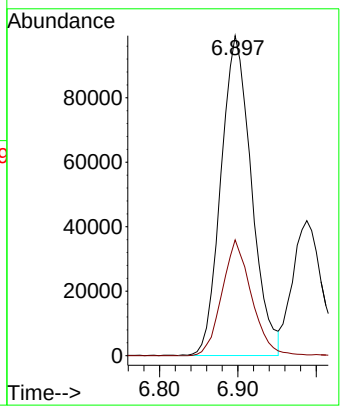
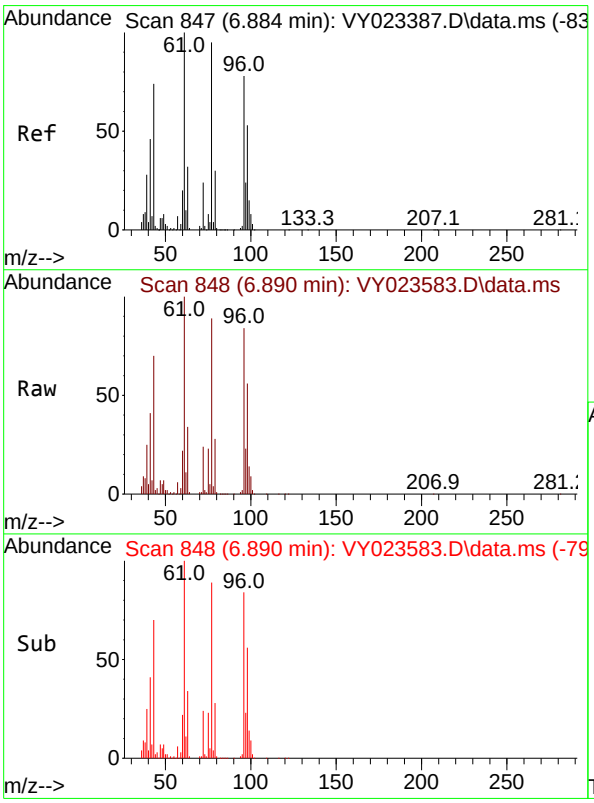
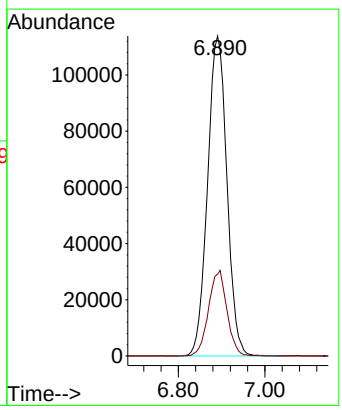


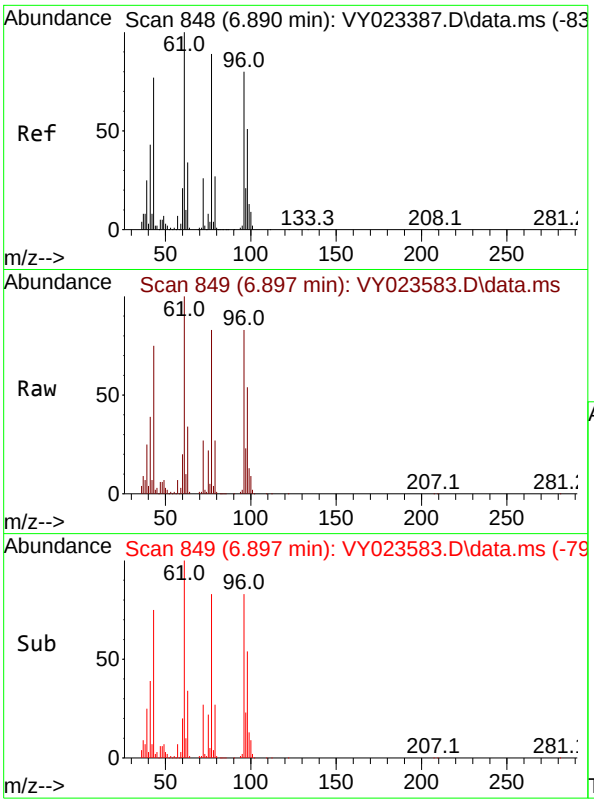


#26
2,2-Dichloropropane
Concen: 47.627 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 77 Resp: 353098

Ion	Ratio	Lower	Upper
77	100		
97	25.4	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 53.358 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 96 Resp: 30703

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	258.2
98	64.4	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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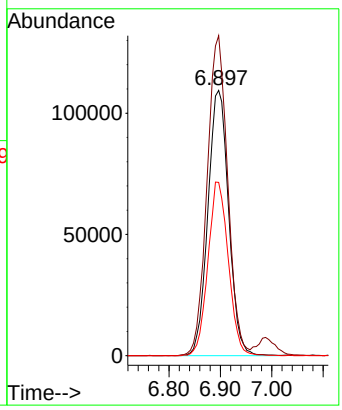
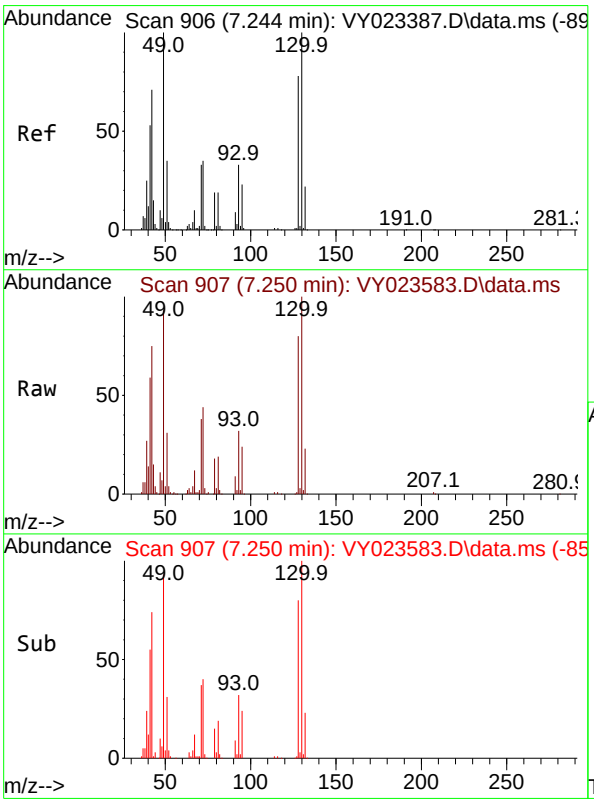
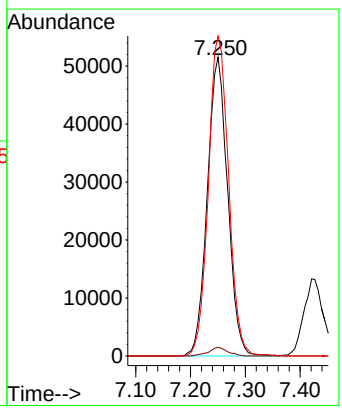


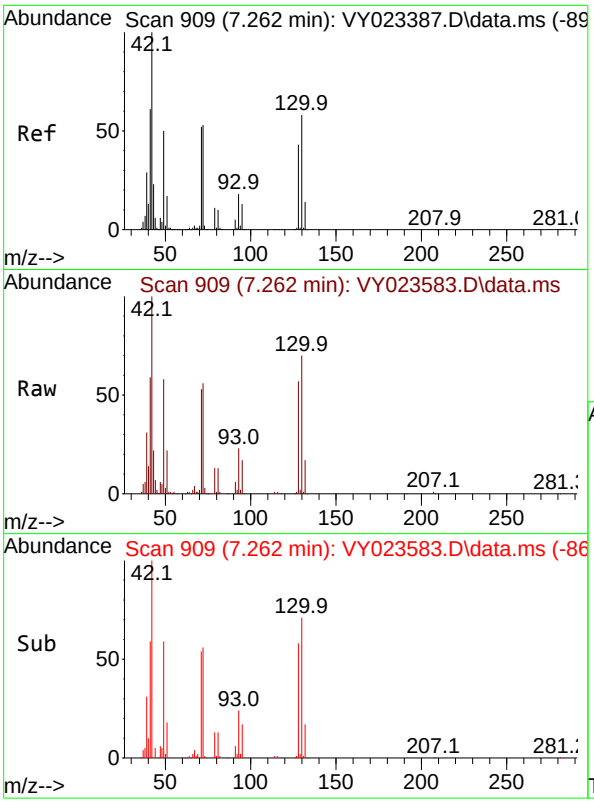


#28
Bromochloromethane
Concen: 43.934 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 49 Resp: 132517

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	106.6	81.9	122.9





#29
Tetrahydrofuran
Concen: 241.224 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 42 Resp: 16863

Ion	Ratio	Lower	Upper
42	100		
72	57.8	43.0	64.6
71	54.7	40.1	60.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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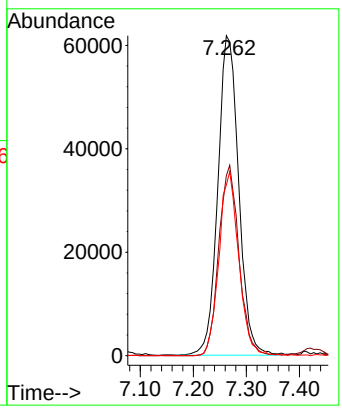
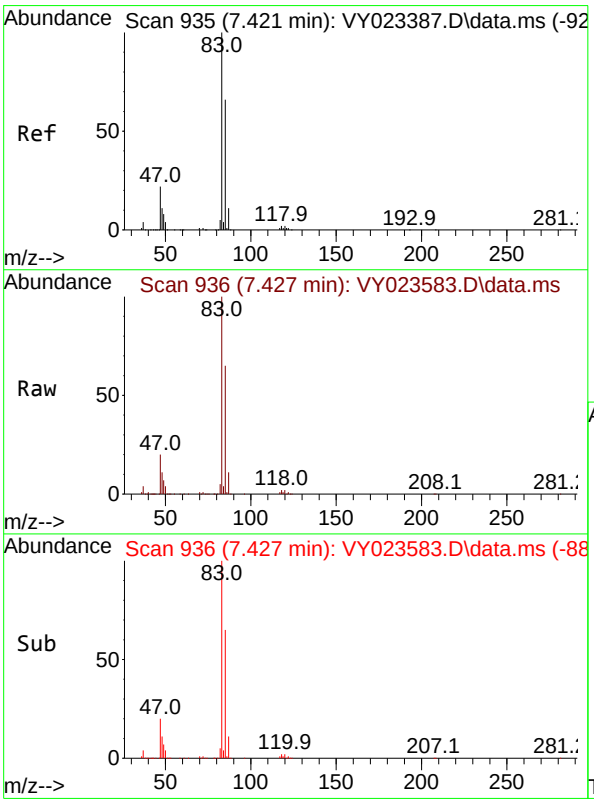
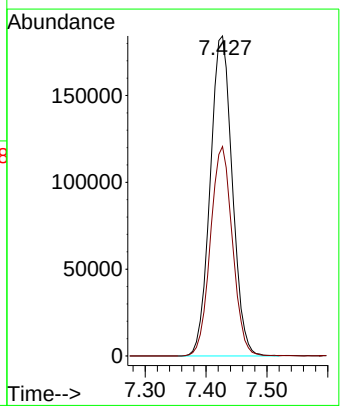


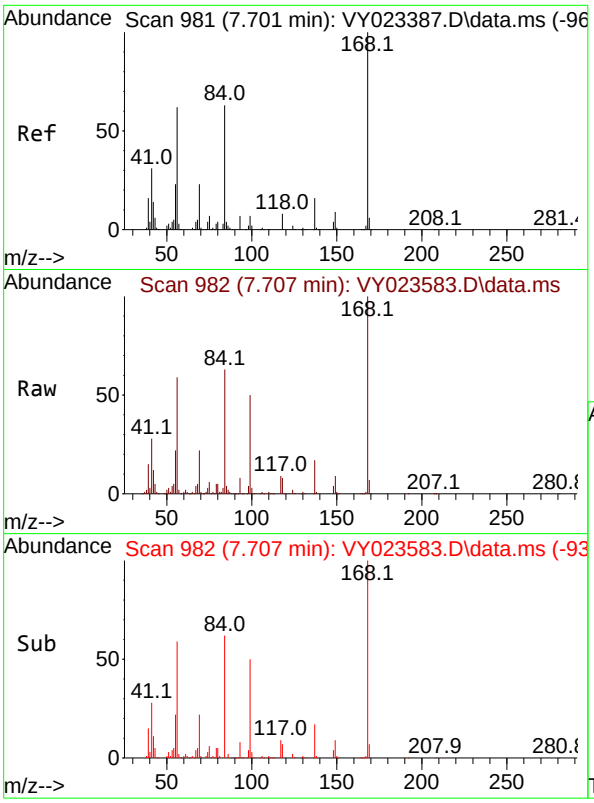


#30
Chloroform
Concen: 52.295 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 464230

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7

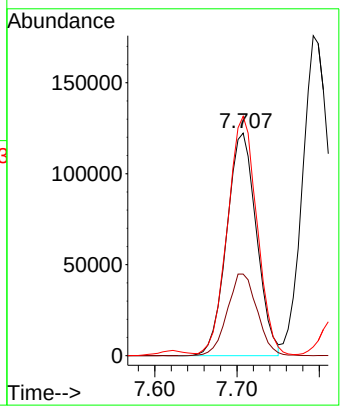




#31
Cyclohexane
Concen: 43.698 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 56 Resp: 30833

Ion	Ratio	Lower	Upper
56	100		
69	36.7	30.0	45.0
84	105.7	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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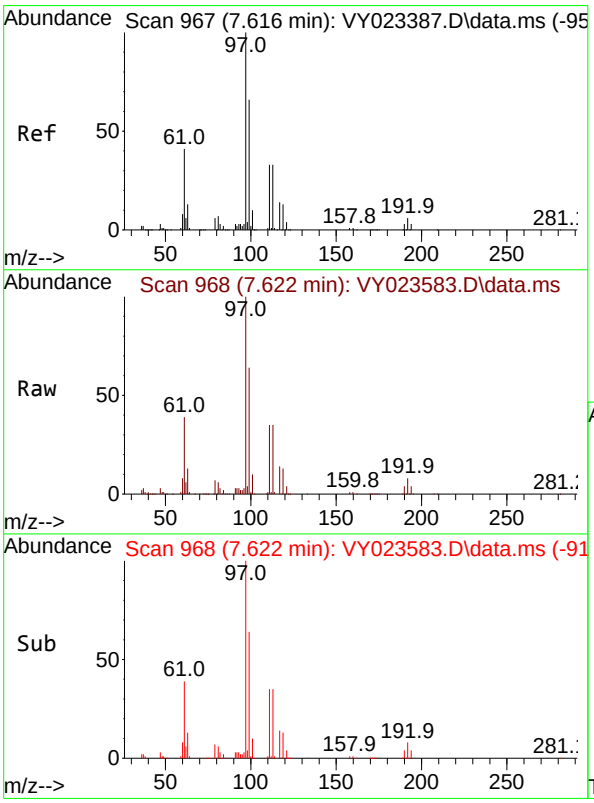
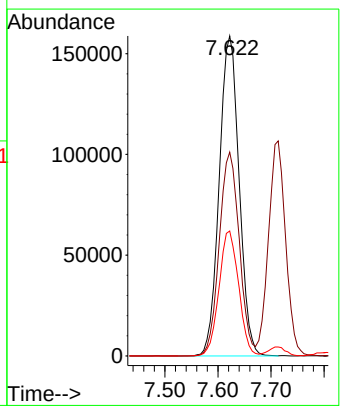
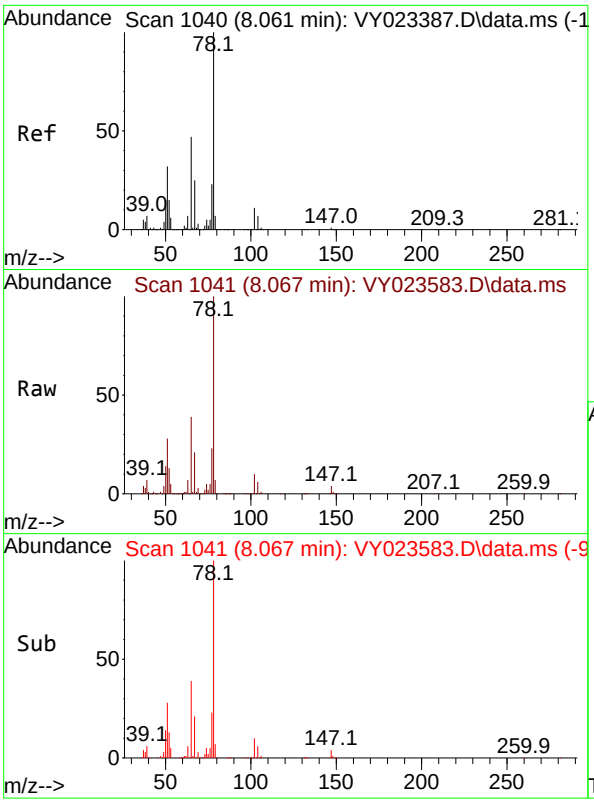


#32
1,1,1-Trichloroethane
Concen: 51.234 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 97 Resp: 413313

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	38.6	31.9	47.9

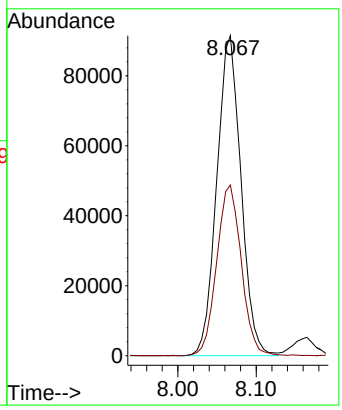




#33
1,2-Dichloroethane-d4
Concen: 46.364 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 65 Resp: 19665

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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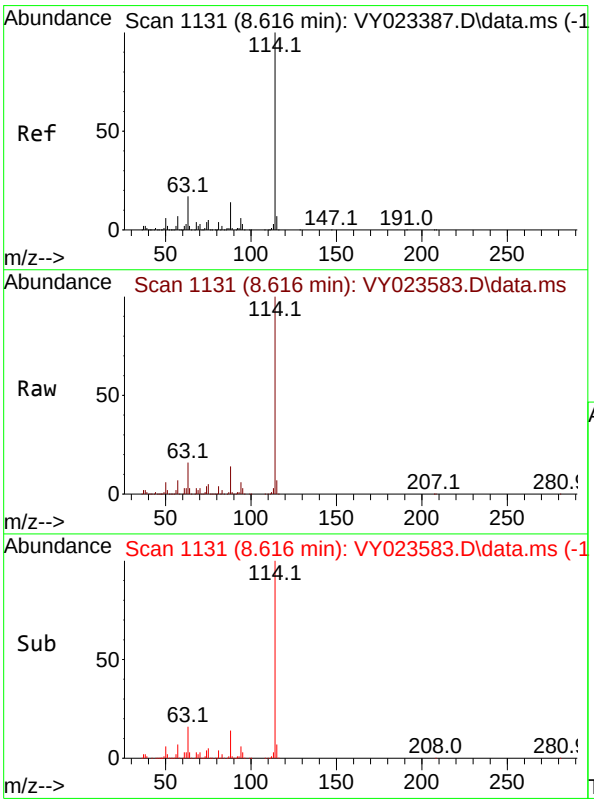
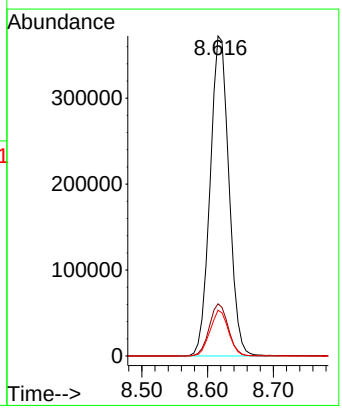
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

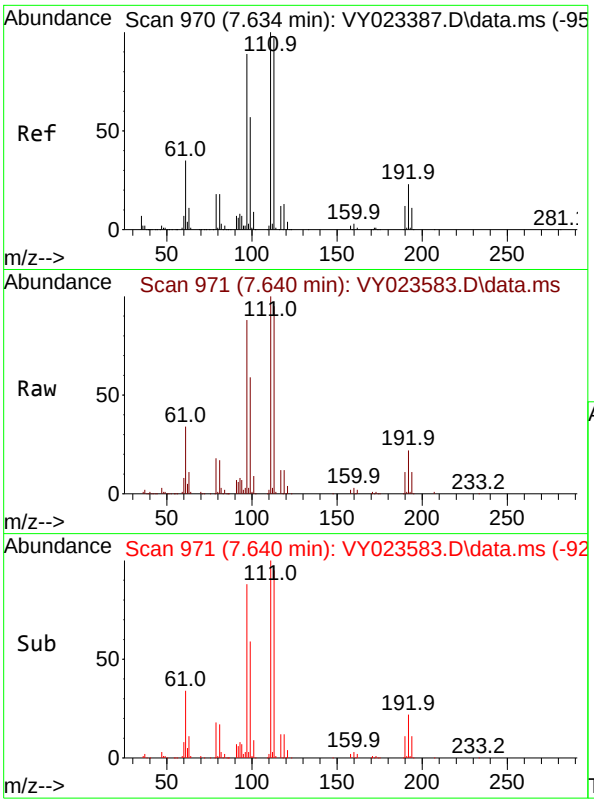


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:114 Resp: 742233

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	34.2
88	14.3	0.0	28.4





#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:113 Resp: 22828

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	23.2	18.0	27.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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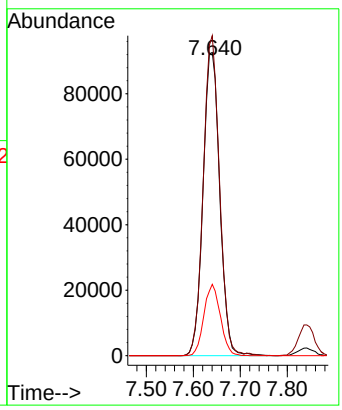
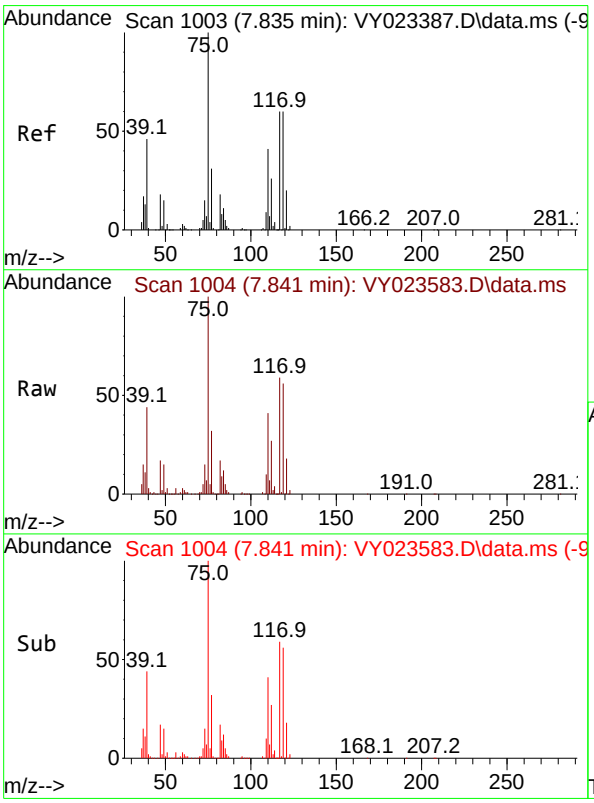
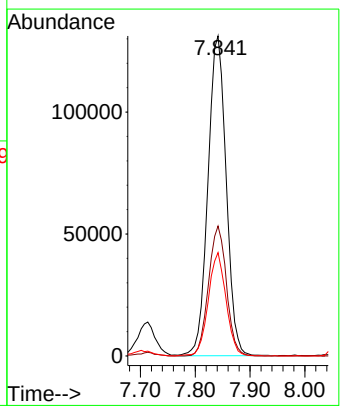


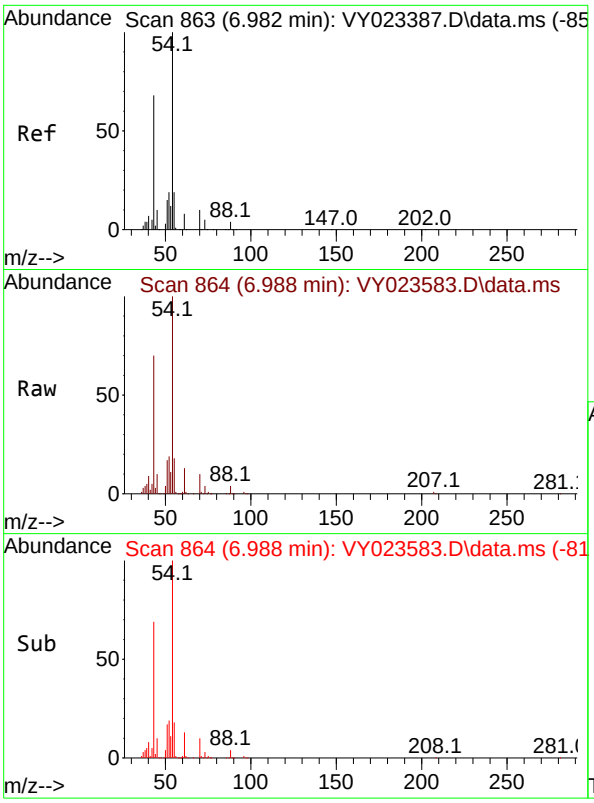


#36
1,1-Dichloropropene
Concen: 50.126 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 302655

Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.9	59.7
77	31.6	25.0	37.6

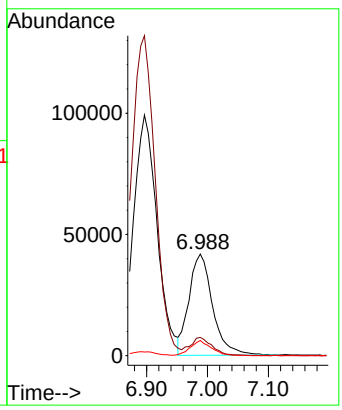




#37
Ethyl Acetate
Concen: 46.950 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 11230

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.8
70	13.3	10.5	15.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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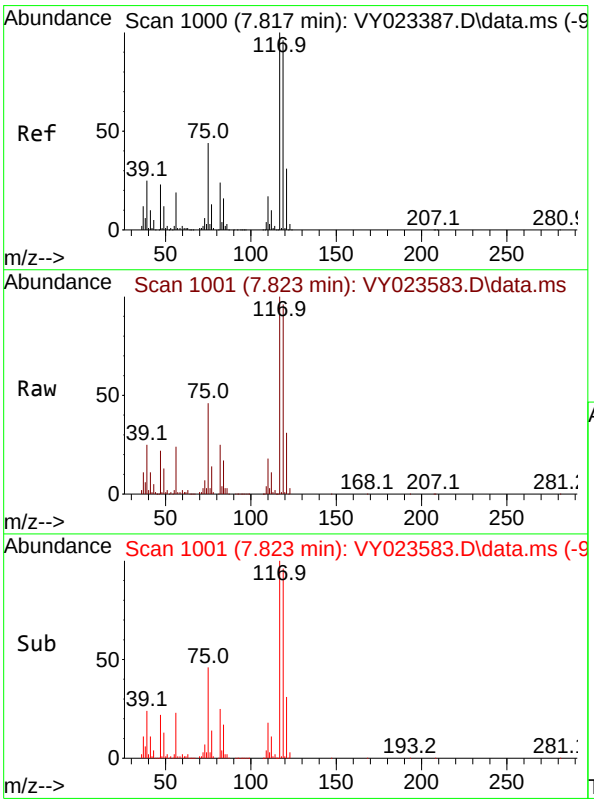
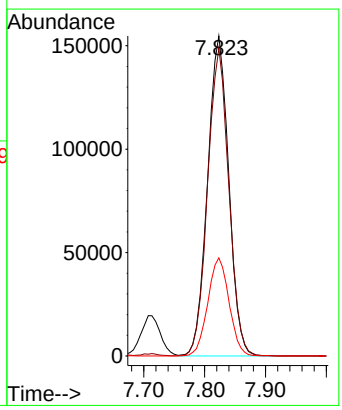
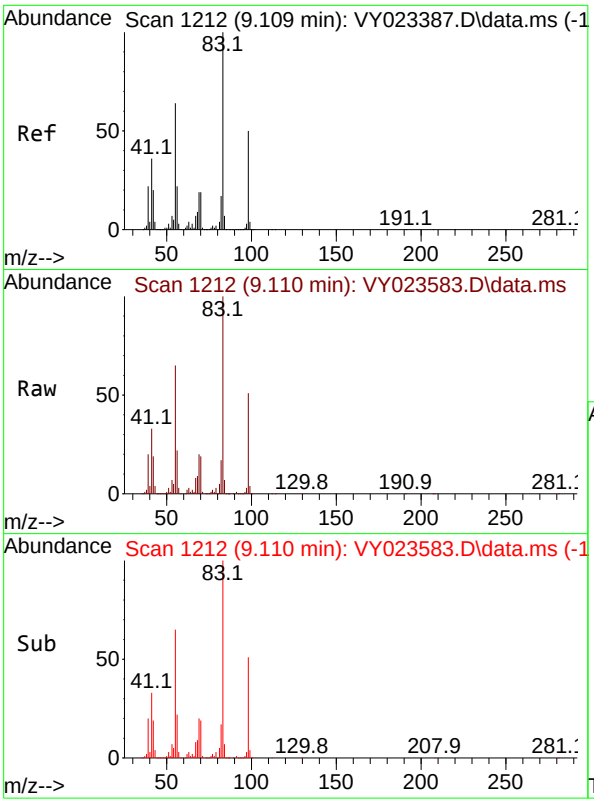


#38
Carbon Tetrachloride
Concen: 51.133 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 374359

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.8	115.2
121	30.6	24.5	36.7





#39
Methylcyclohexane
Concen: 49.151 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 38639

Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.4	77.2
98	50.9	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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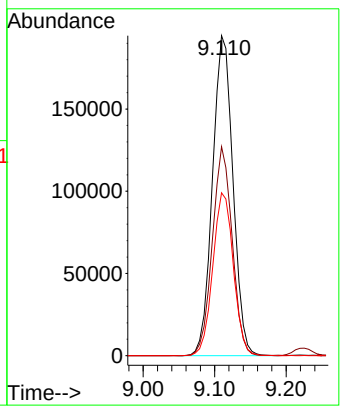
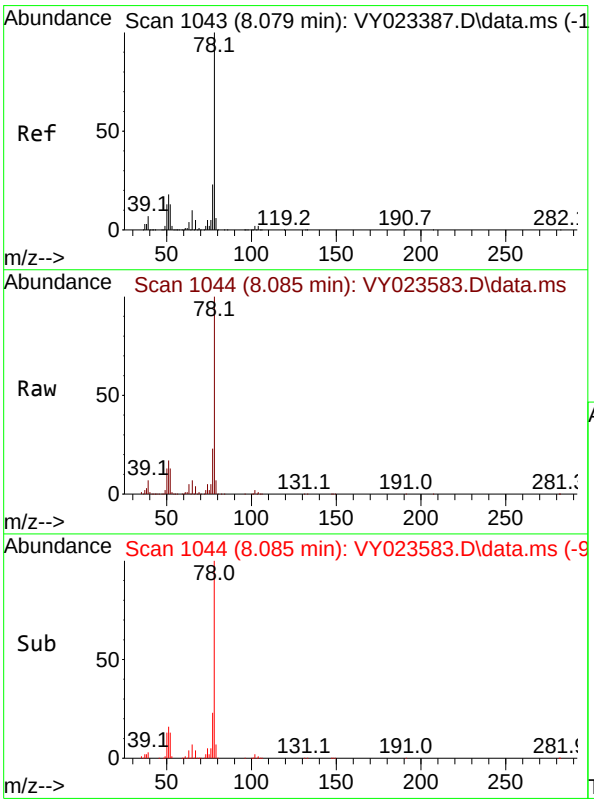
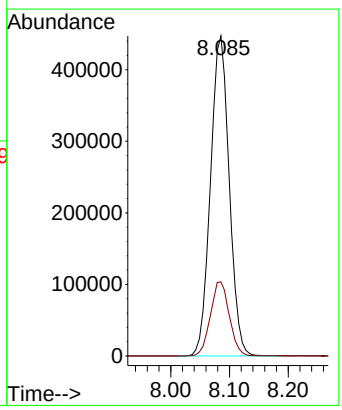


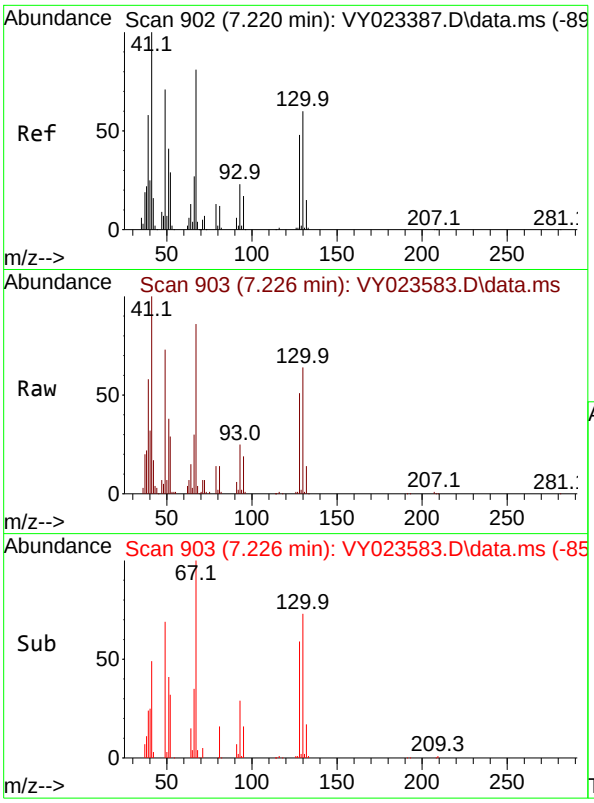


#40
Benzene
Concen: 51.750 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 78 Resp: 989530

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5

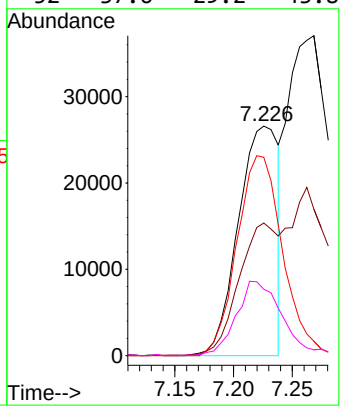




#41
Methacrylonitrile
Concen: 48.731 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 6304

Ion	Ratio	Lower	Upper
41	100		
39	56.7	52.2	78.4
67	100.2	74.9	112.3
52	37.6	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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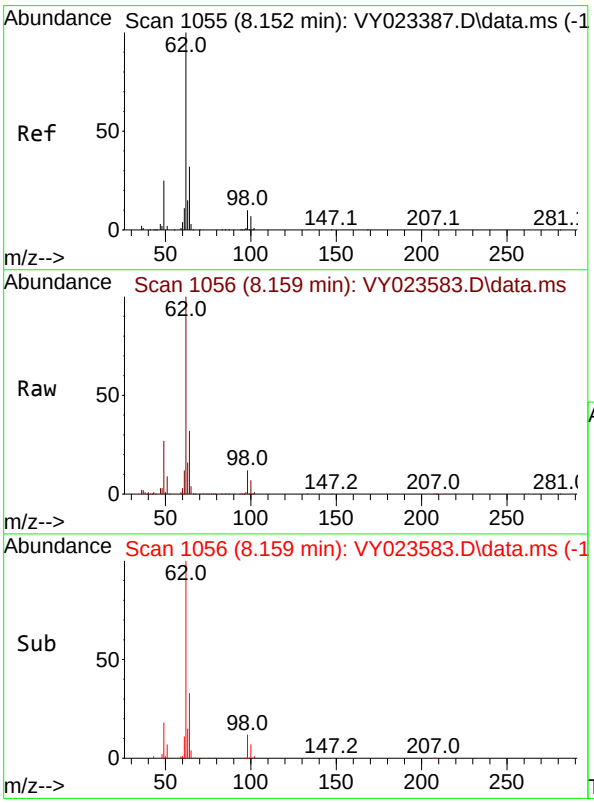
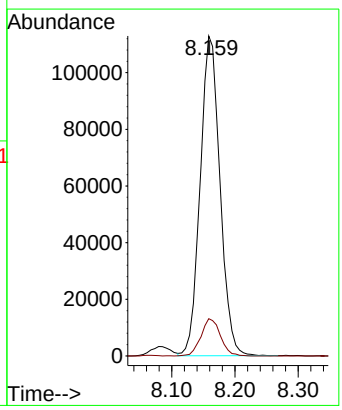
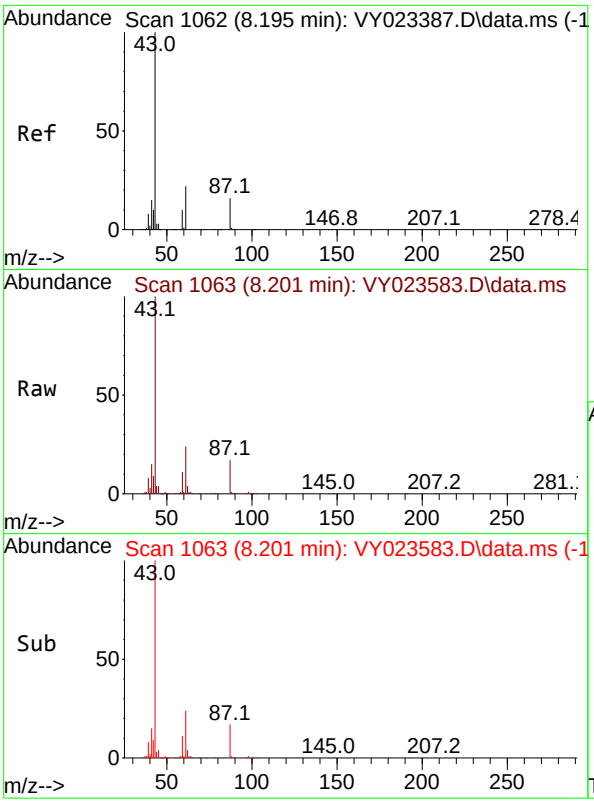


#42
1,2-Dichloroethane
Concen: 49.949 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 62 Resp: 246319

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.6

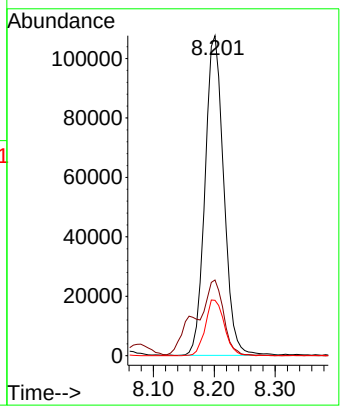




#43
Isopropyl Acetate
Concen: 48.273 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 23024

Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.1	27.1
87	17.8	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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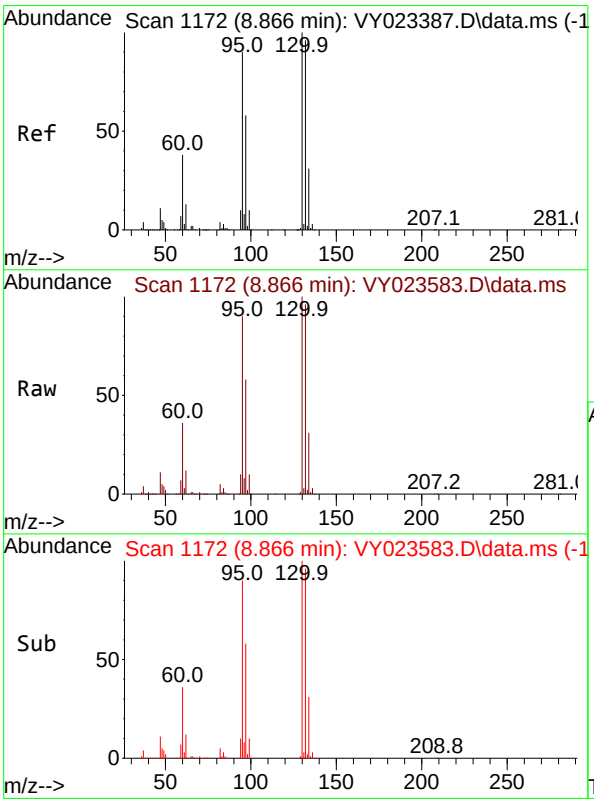
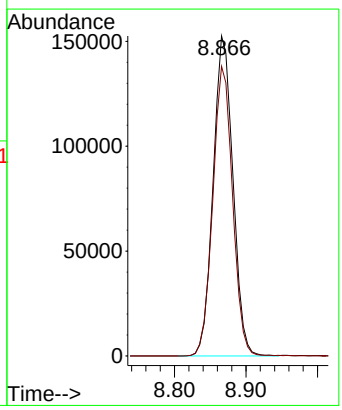
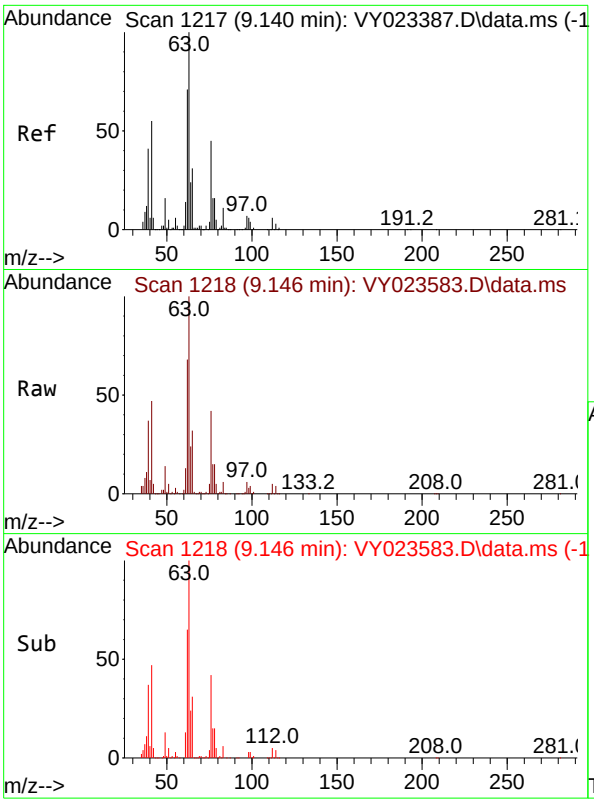


#44
Trichloroethene
Concen: 52.437 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:130 Resp: 293471

Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	180.6

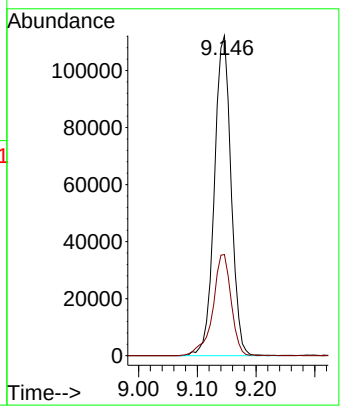




#45
1,2-Dichloropropane
Concen: 52.426 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 63 Resp: 22141

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.9	37.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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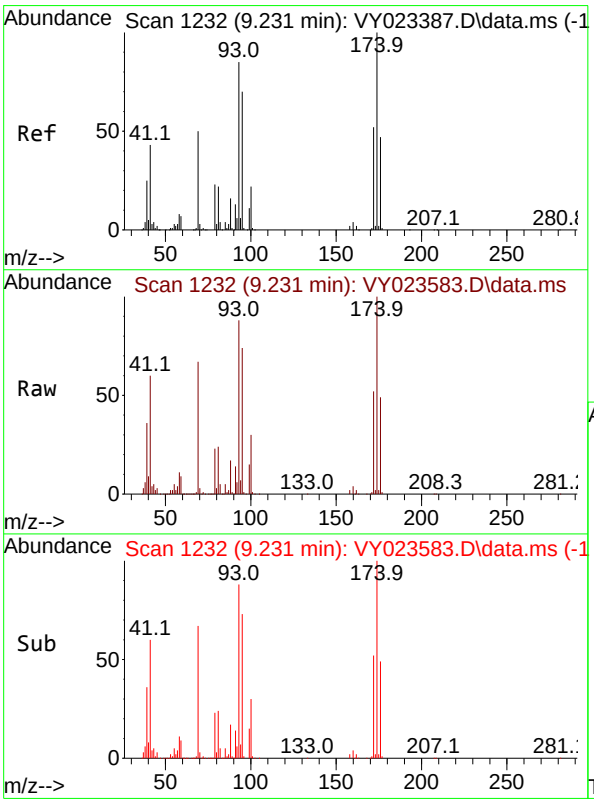
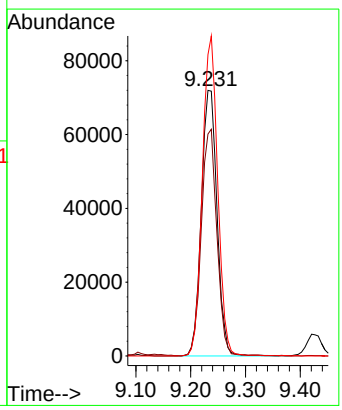
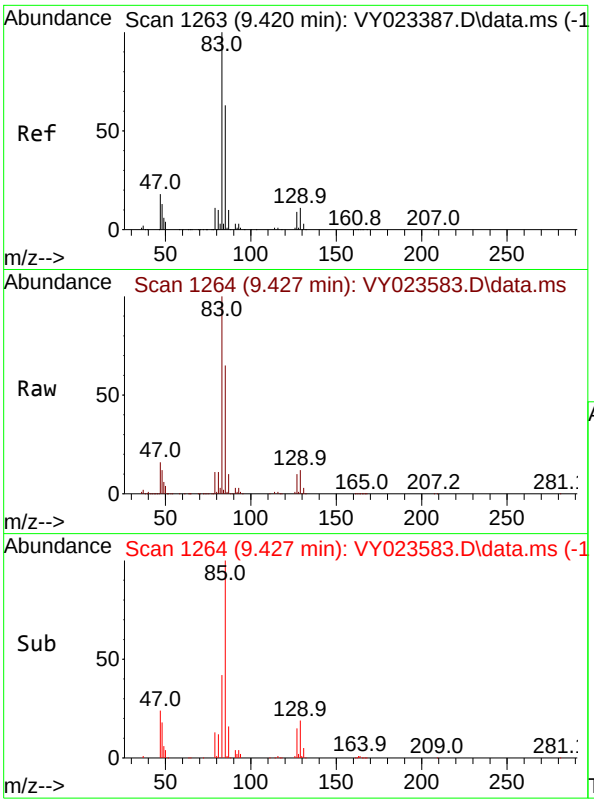


#46
Dibromomethane
Concen: 53.491 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 93 Resp: 142853

Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.4	98.0
174	117.3	92.9	139.3

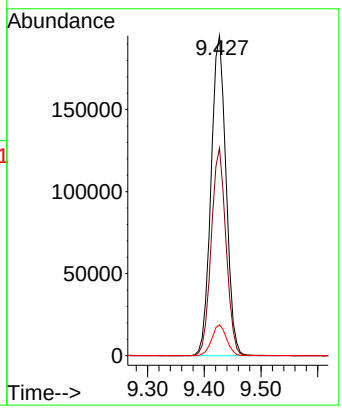




#47
Bromodichloromethane
Concen: 53.231 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 35803

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2
127	9.6	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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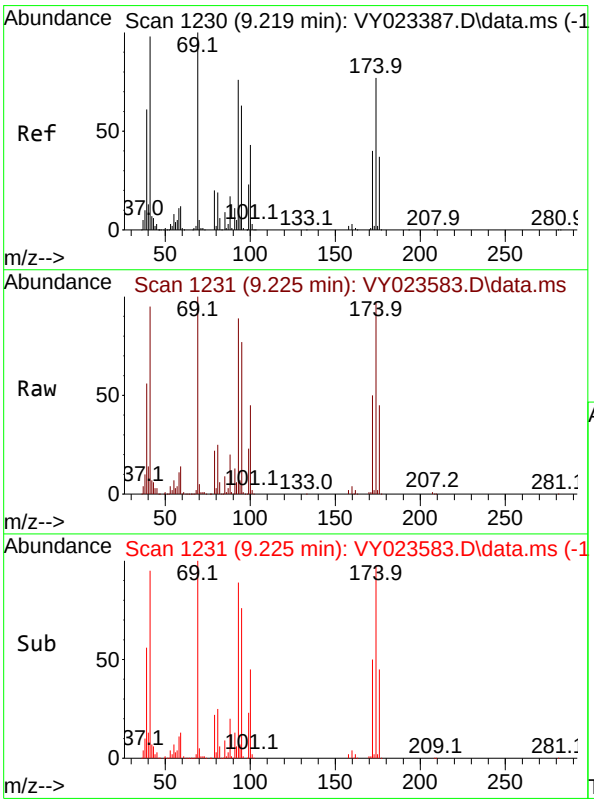
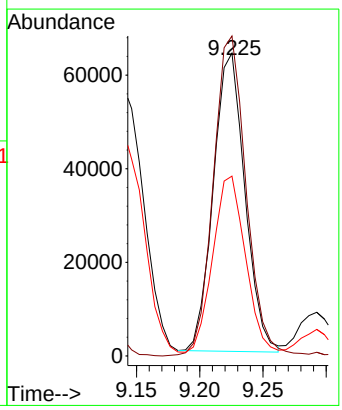
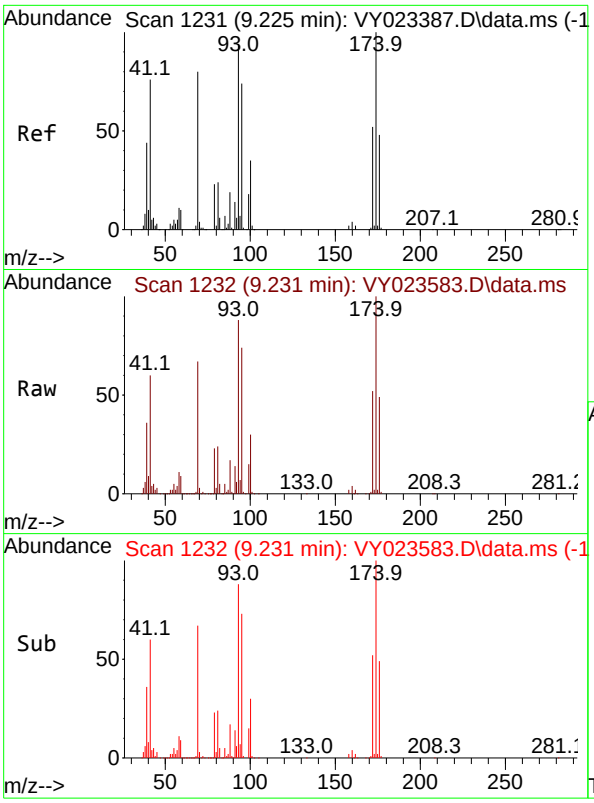


#48
Methyl methacrylate
Concen: 49.312 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 110497

Ion	Ratio	Lower	Upper
41	100		
69	111.5	81.0	121.4
39	63.2	48.2	72.4





#49
1,4-Dioxane
Concen: 1029.589 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 88 Resp: 3188

Ion	Ratio	Lower	Upper
88	100		
43	26.1	21.8	32.8
58	57.7	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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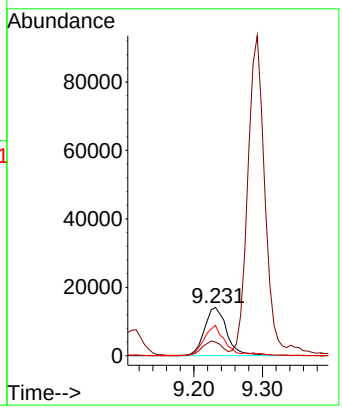
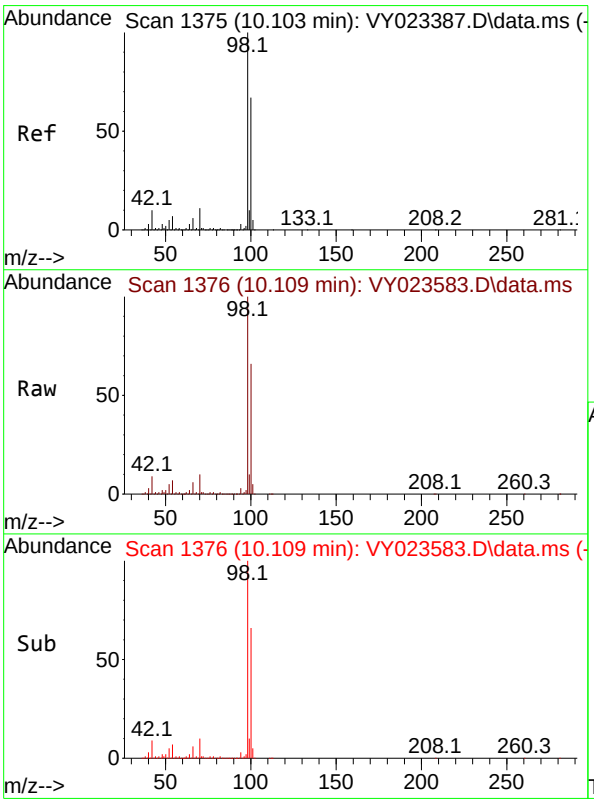
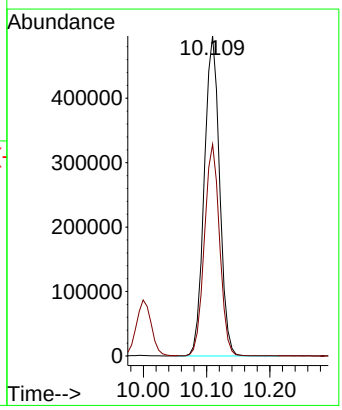


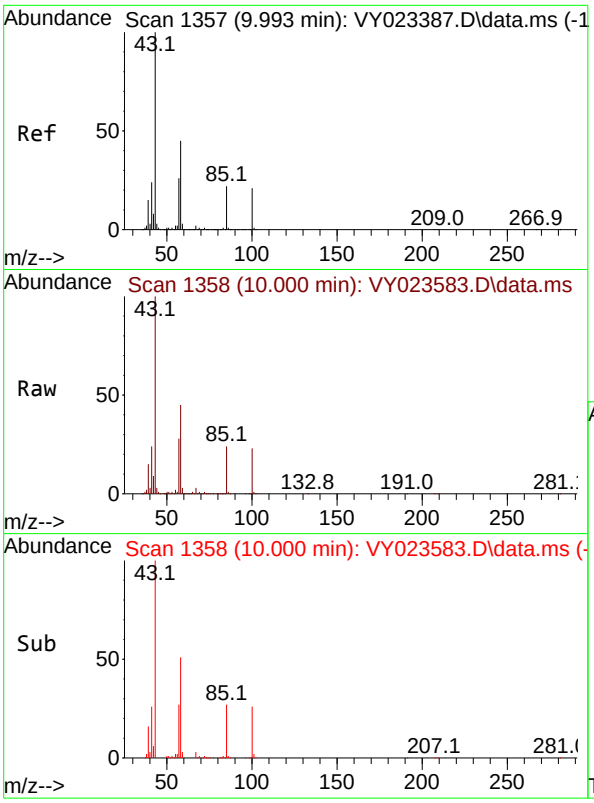


#50
Toluene-d8
Concen: 49.231 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 98 Resp: 836159

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 256.268 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

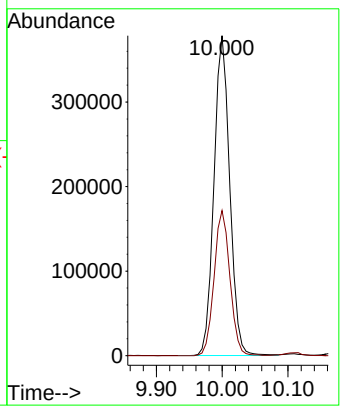
Tgt Ion: 43 Resp: 63153

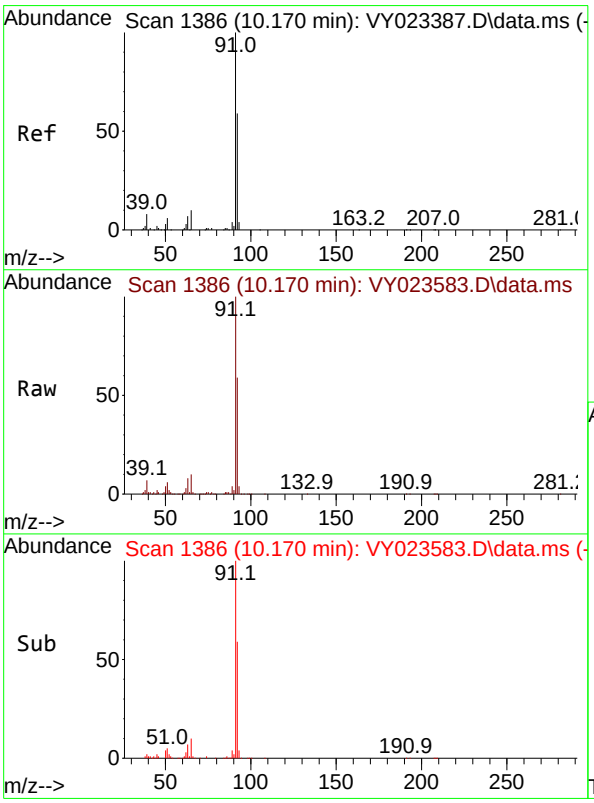
Ion	Ratio	Lower	Upper
43	100		
58	45.6	35.3	52.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

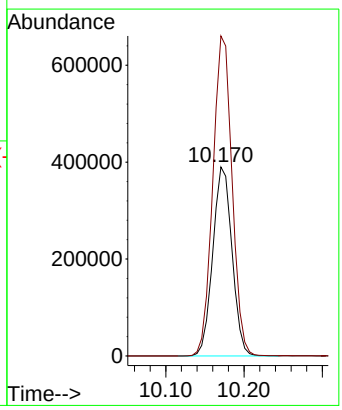


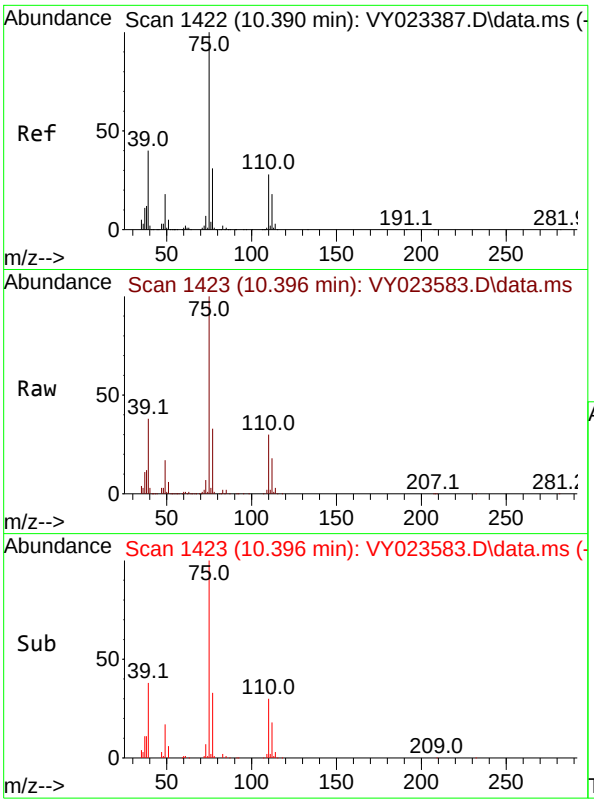


#52
Toluene
Concen: 53.602 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 92 Resp: 665485

Ion	Ratio	Lower	Upper
92	100		
91	169.7	136.4	204.6

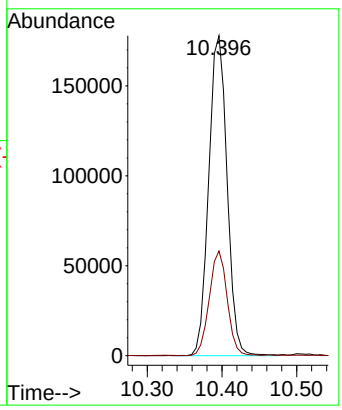




#53
t-1,3-Dichloropropene
Concen: 51.933 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 30372

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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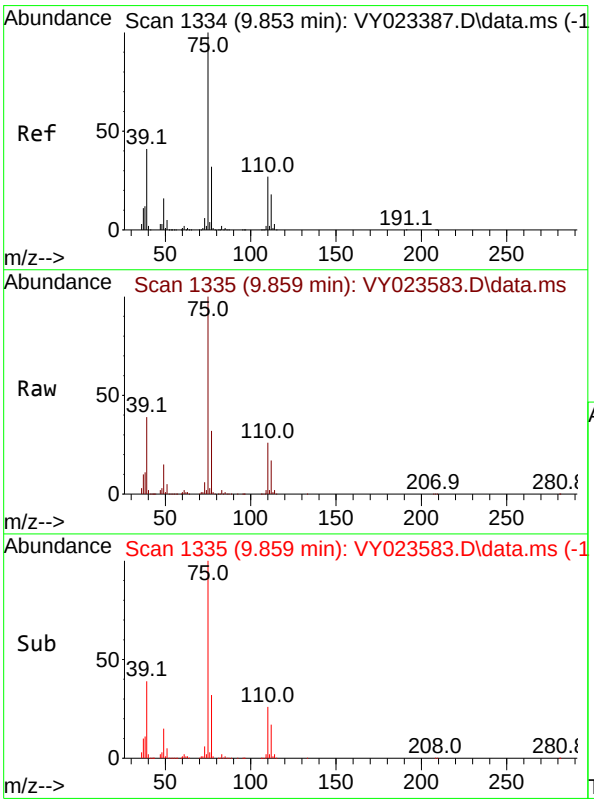
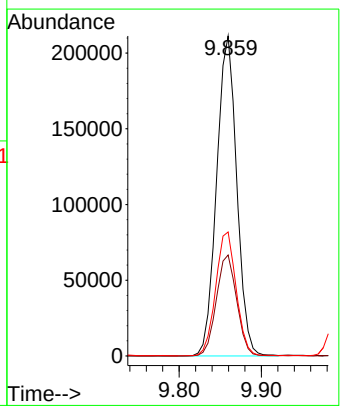
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

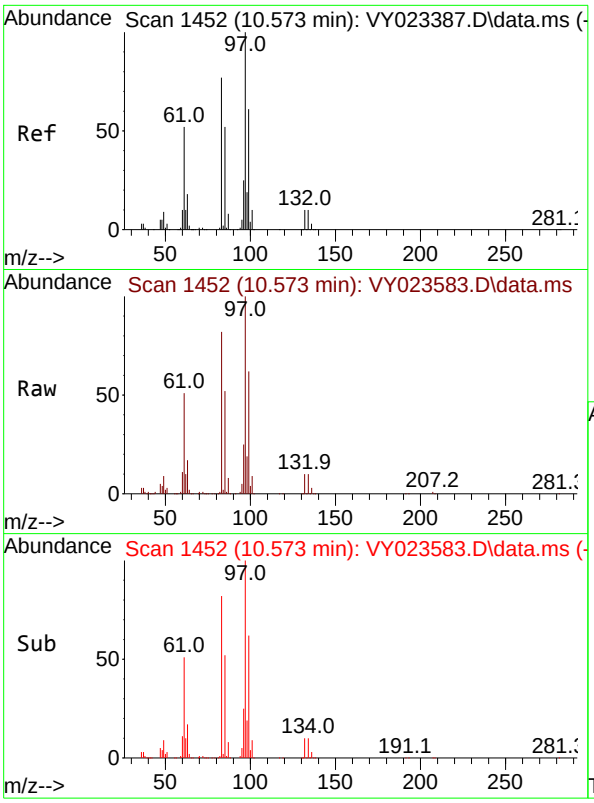


#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 360060

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	38.7	32.8	49.2

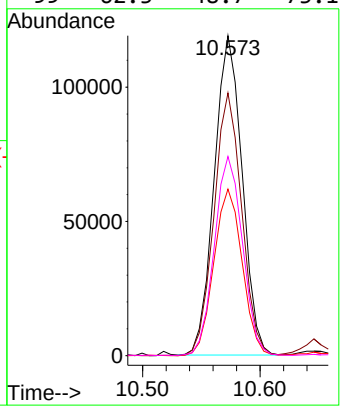




#55
1,1,2-Trichloroethane
Concen: 54.660 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 97 Resp: 19630

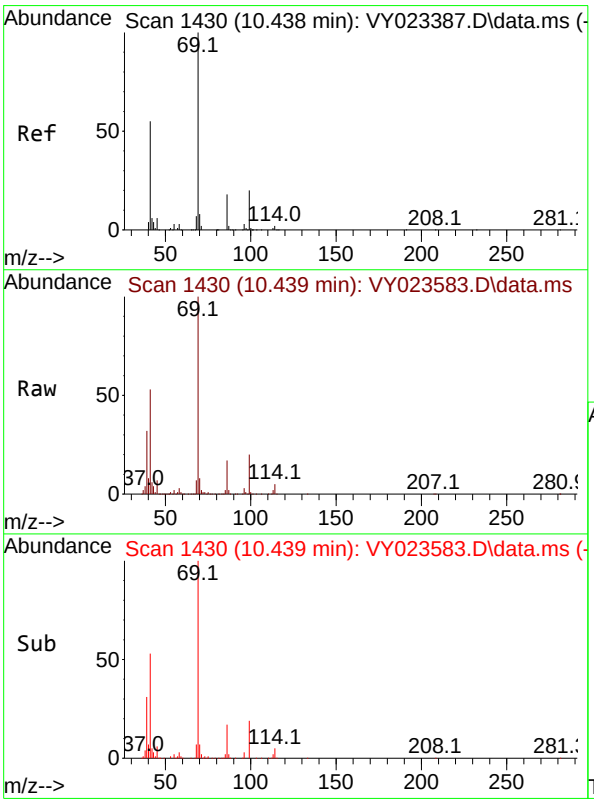
Ion	Ratio	Lower	Upper
97	100		
83	82.3	61.8	92.6
85	52.2	41.3	61.9
99	62.3	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

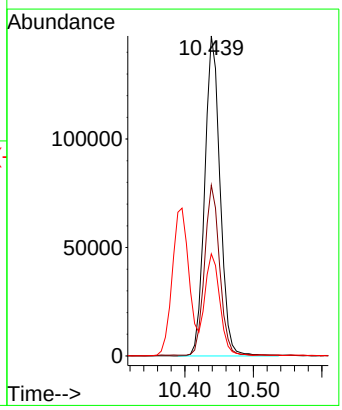
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

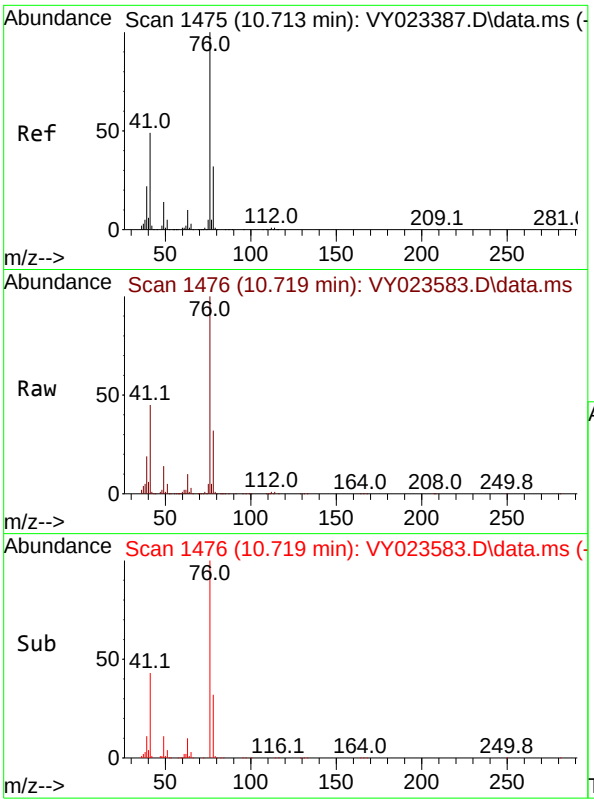


#56
Ethyl methacrylate
Concen: 55.470 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 69 Resp: 229792

Ion	Ratio	Lower	Upper
69	100		
41	52.2	44.6	67.0
39	30.6	27.0	40.4

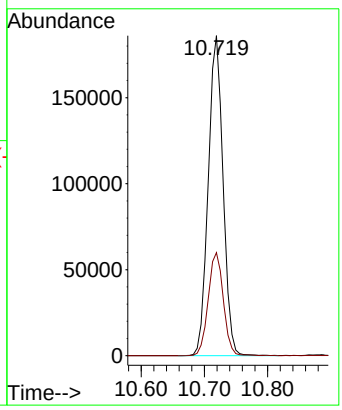




#57
1,3-Dichloropropane
Concen: 53.336 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 76 Resp: 30352

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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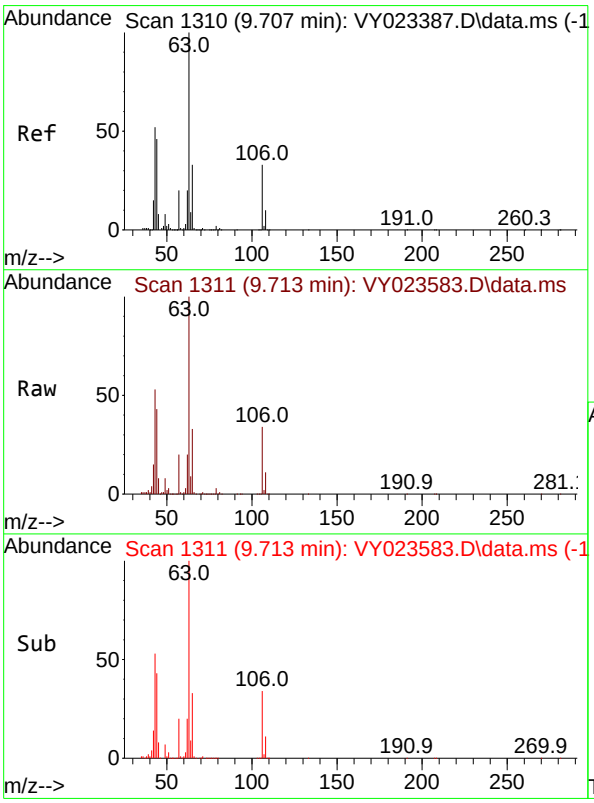
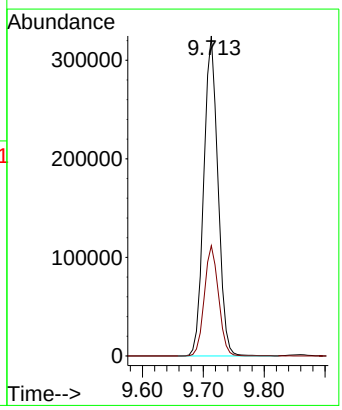
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

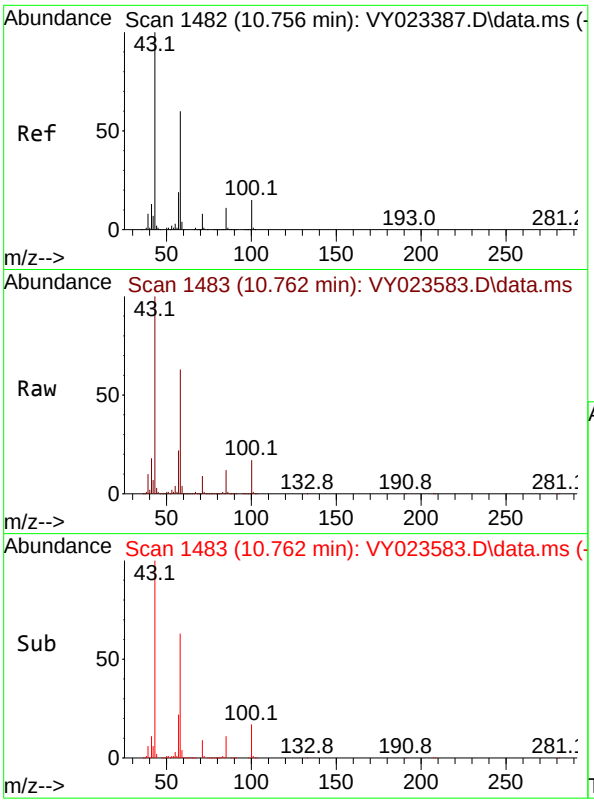


#58
2-Chloroethyl Vinyl ether
Concen: 282.585 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 63 Resp: 524417

Ion	Ratio	Lower	Upper
63	100		
106	34.4	26.6	39.8





#59
2-Hexanone
Concen: 243.040 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 42803

Ion	Ratio	Lower	Upper
43	100		
58	63.0	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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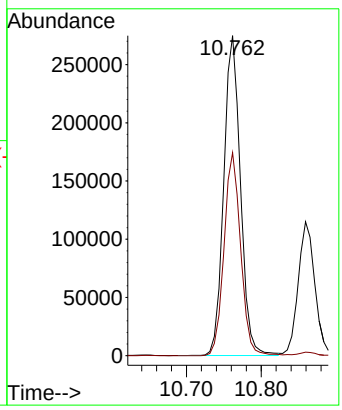
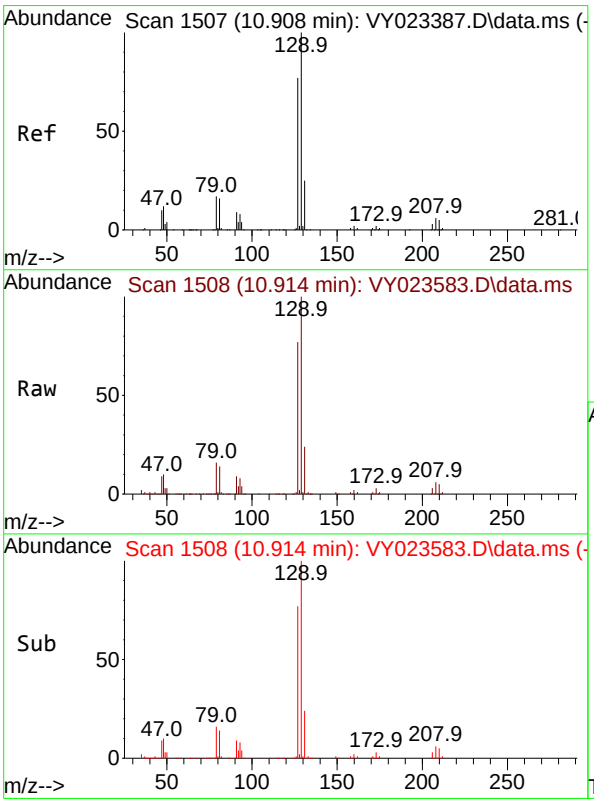
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

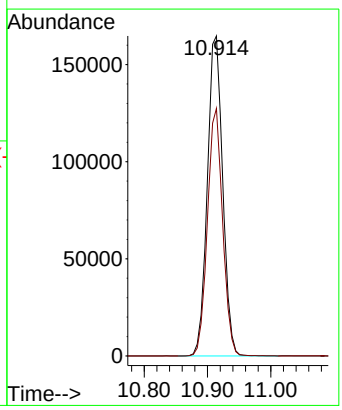


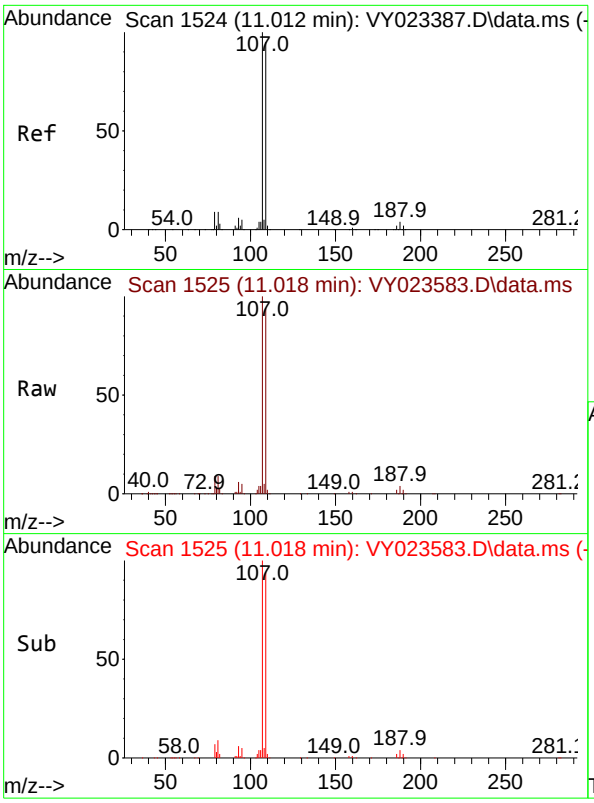


#60
Dibromochloromethane
Concen: 55.230 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:129 Resp: 278085

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.6	115.7





#61
1,2-Dibromoethane
Concen: 54.370 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:107 Resp: 18621

Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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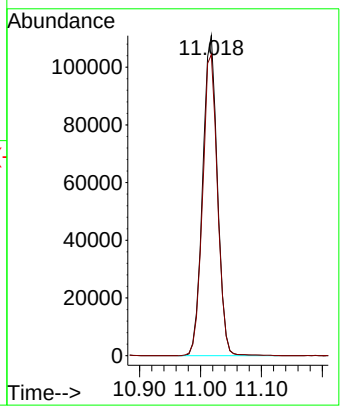
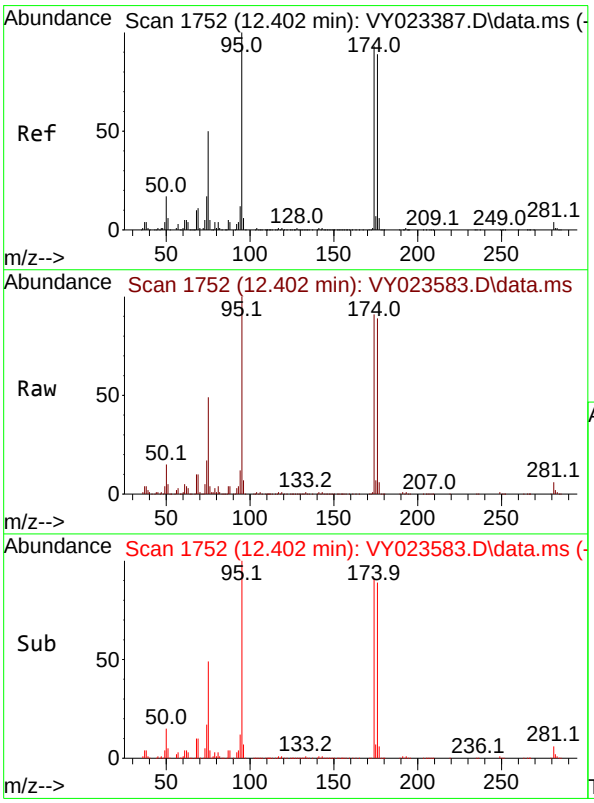
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

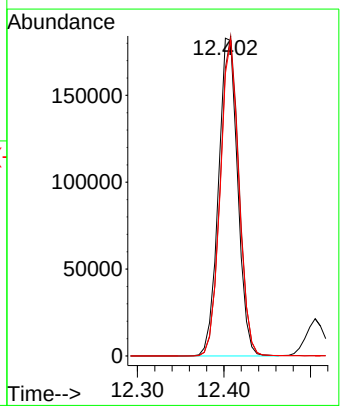


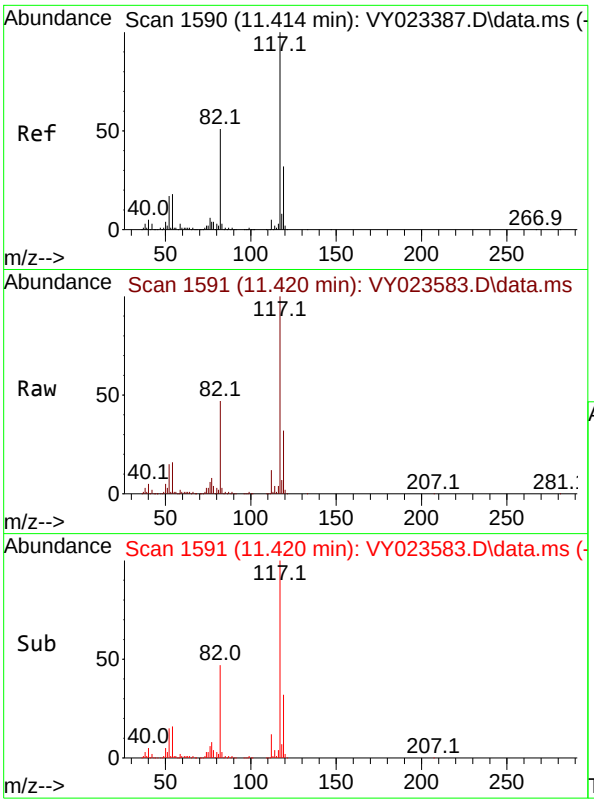


#62
4-Bromofluorobenzene
Concen: 50.285 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 95 Resp: 281968

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	192.8
176	96.2	0.0	187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 66874

Ion	Ratio	Lower	Upper
117	100		
82	47.5	41.0	61.4
119	31.8	25.6	38.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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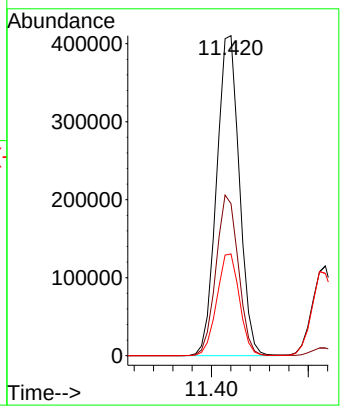
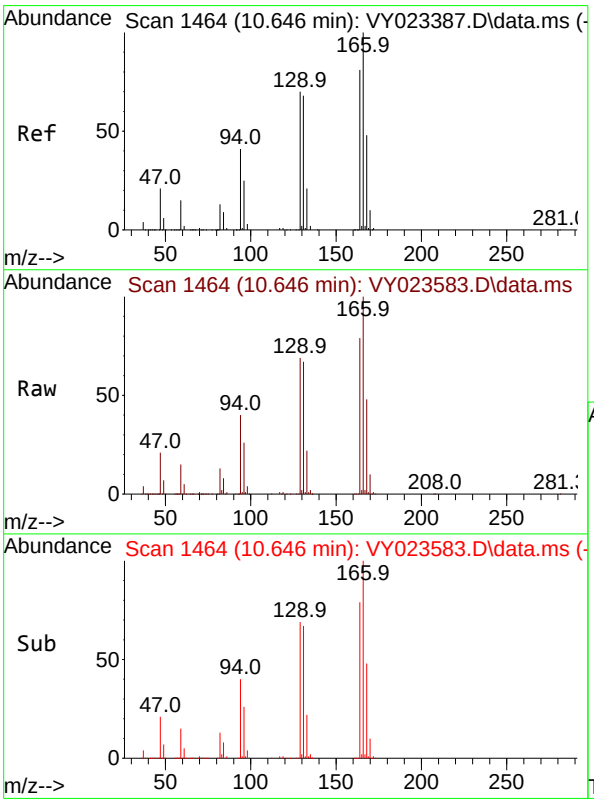
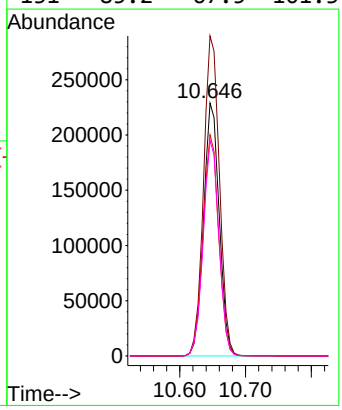


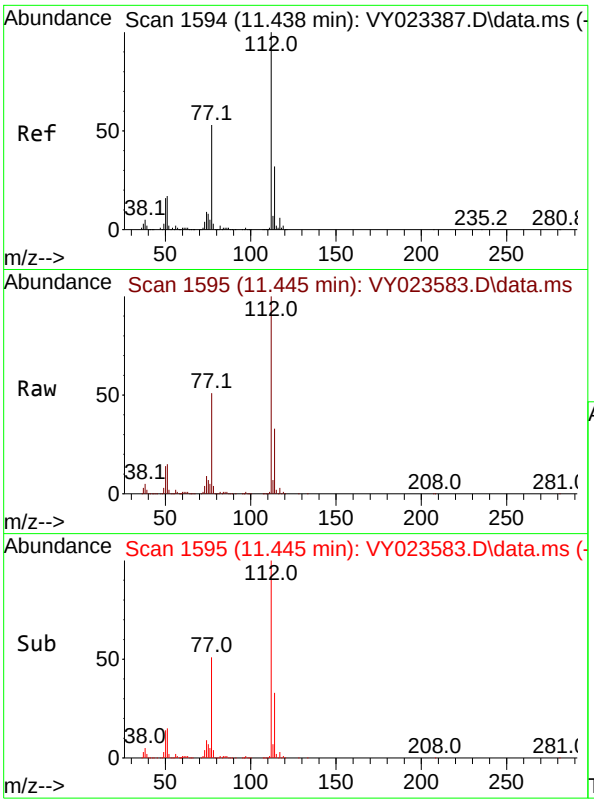


#64
Tetrachloroethene
Concen: 54.866 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:164 Resp: 378855

Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.4	149.0
129	87.5	69.4	104.2
131	85.2	67.5	101.3

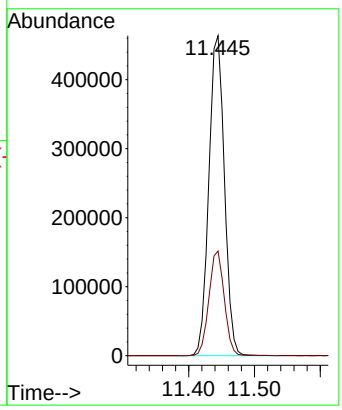




#65
Chlorobenzene
Concen: 52.481 ug/l
RT: 11.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:112 Resp: 76332

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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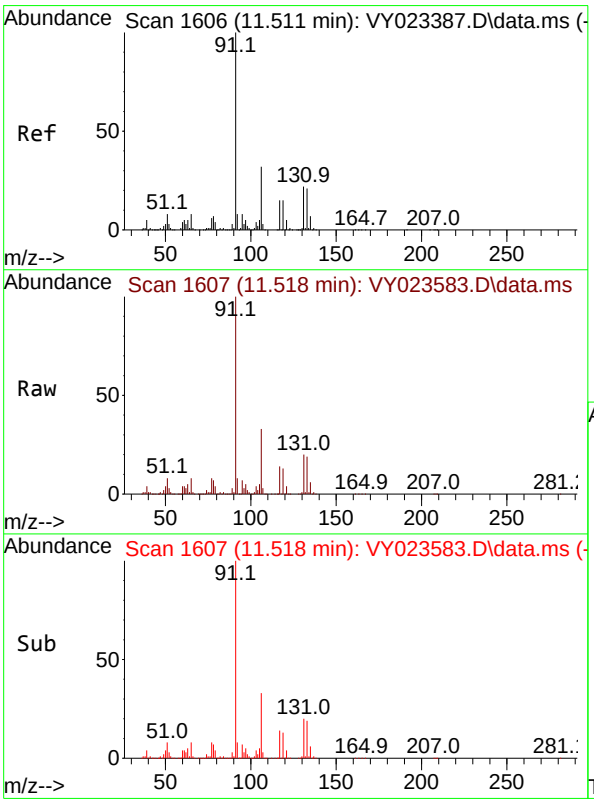
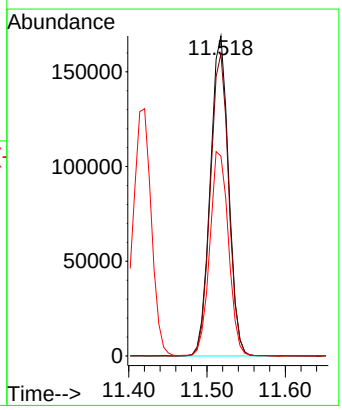
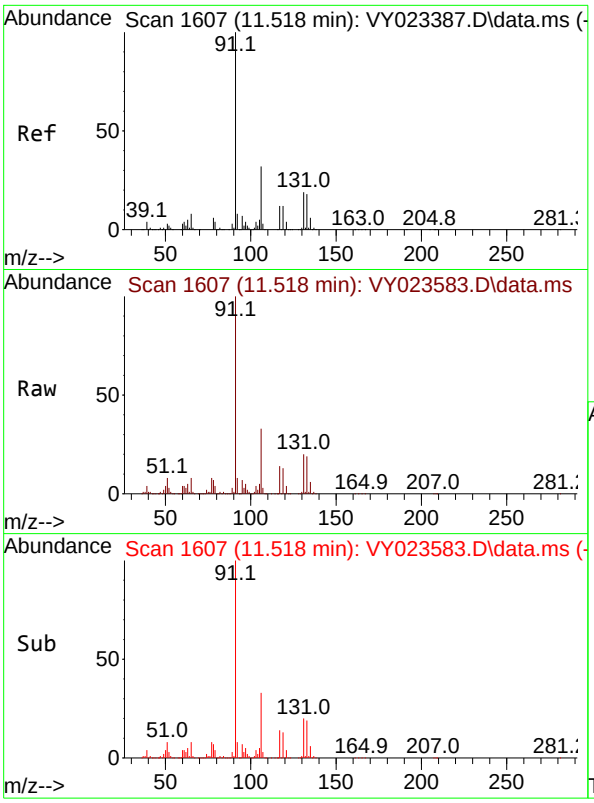


#66
1,1,1,2-Tetrachloroethane
Concen: 52.979 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:131 Resp: 274597

Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.4	145.2
119	65.3	32.4	97.2





#67
Ethyl Benzene
Concen: 52.985 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

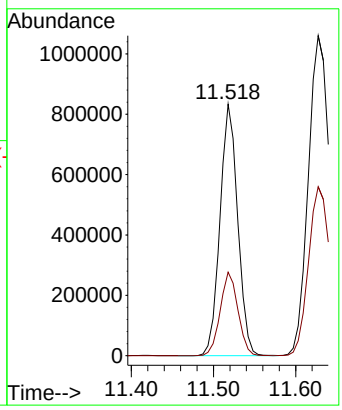
Tgt Ion: 91 Resp: 124746

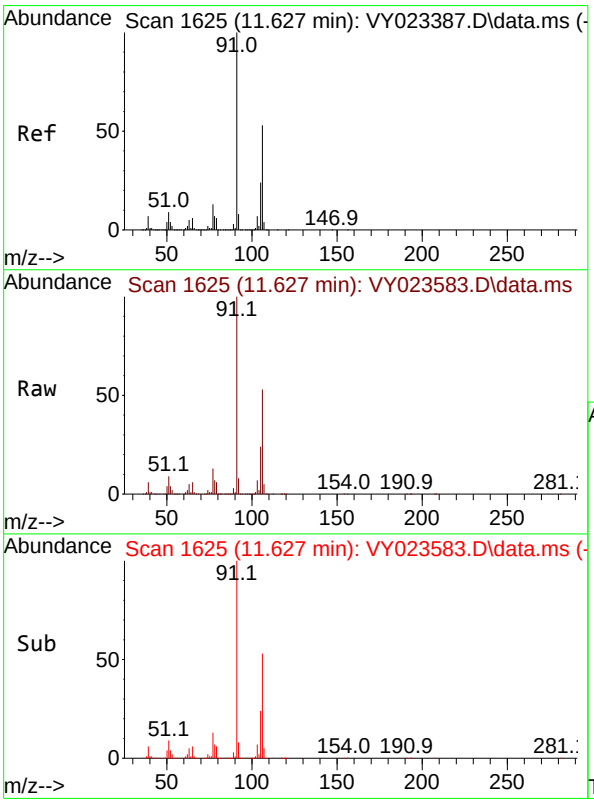
Ion	Ratio	Lower	Upper
91	100		
106	33.2	25.8	38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

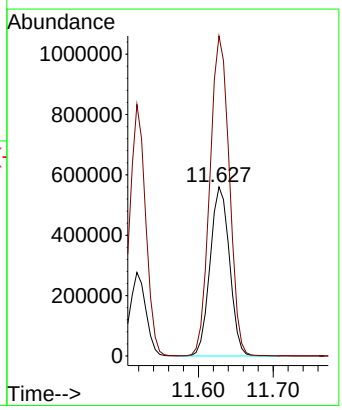


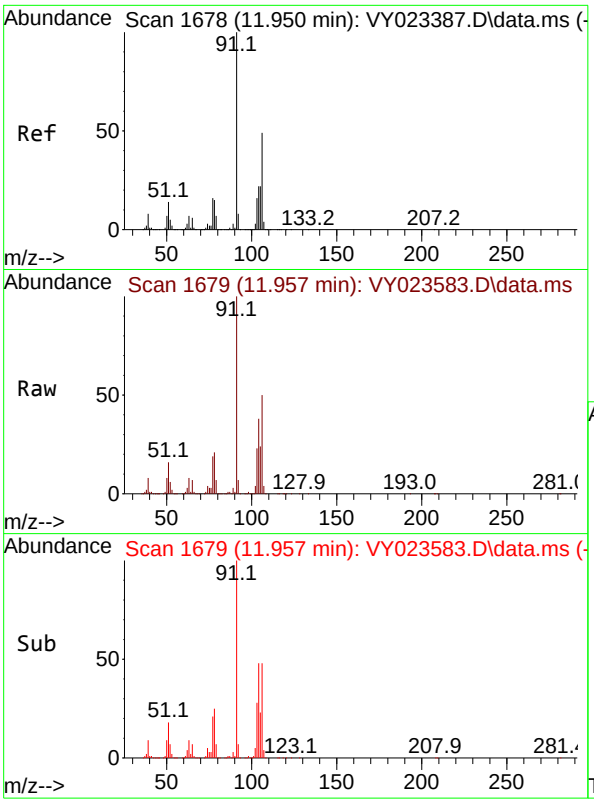


#68
m/p-Xylenes
Concen: 106.715 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:106 Resp: 1007740

Ion	Ratio	Lower	Upper
106	100		
91	190.1	152.6	229.0

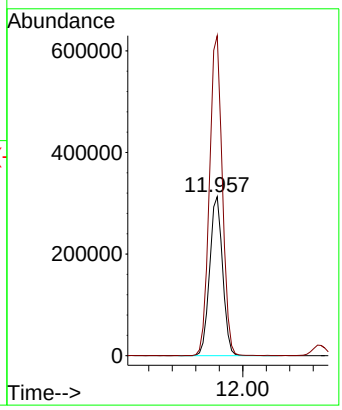




#69
o-Xylene
Concen: 54.018 ug/l
RT: 11.957 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:106 Resp: 47846

Ion	Ratio	Lower	Upper
106	100		
91	200.2	101.4	304.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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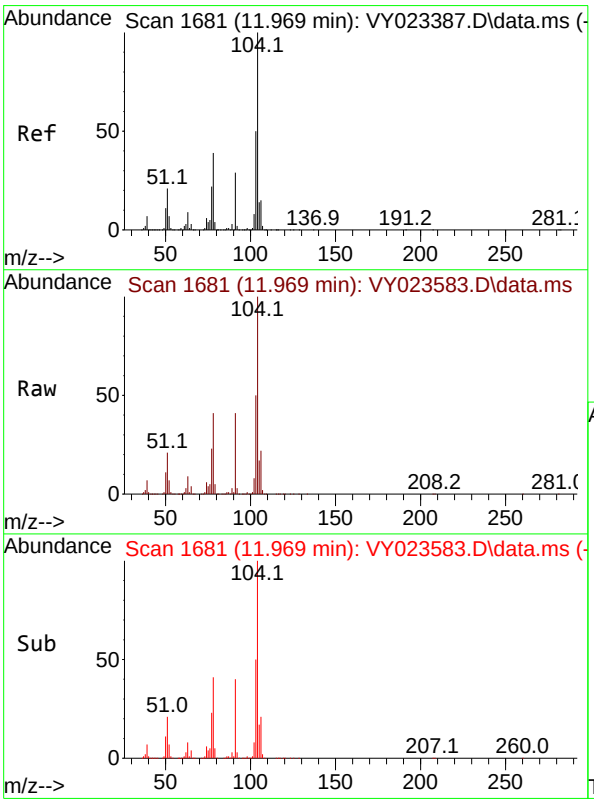
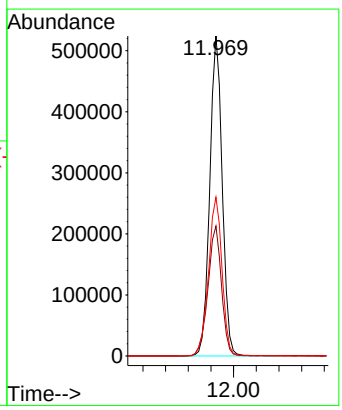
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

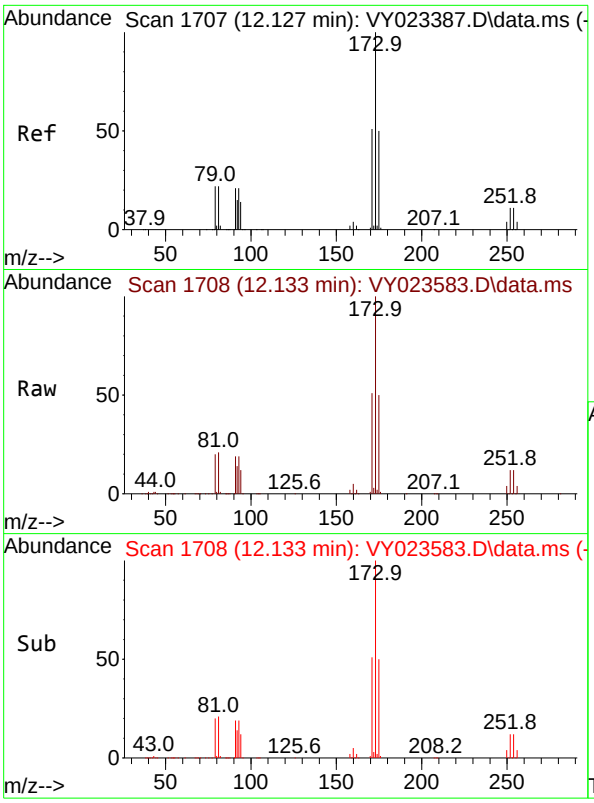


#70
Styrene
Concen: 54.888 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:104 Resp: 799488

Ion	Ratio	Lower	Upper
104	100		
78	44.1	36.1	54.1
103	53.9	43.2	64.8

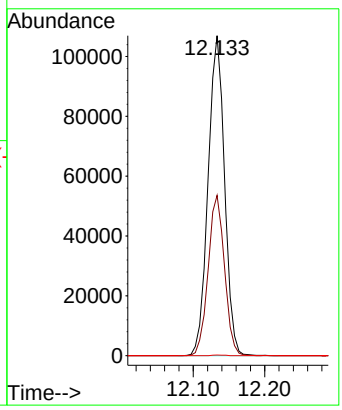




#71
Bromoform
Concen: 53.216 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:173 Resp: 17109

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.3
254	0.1	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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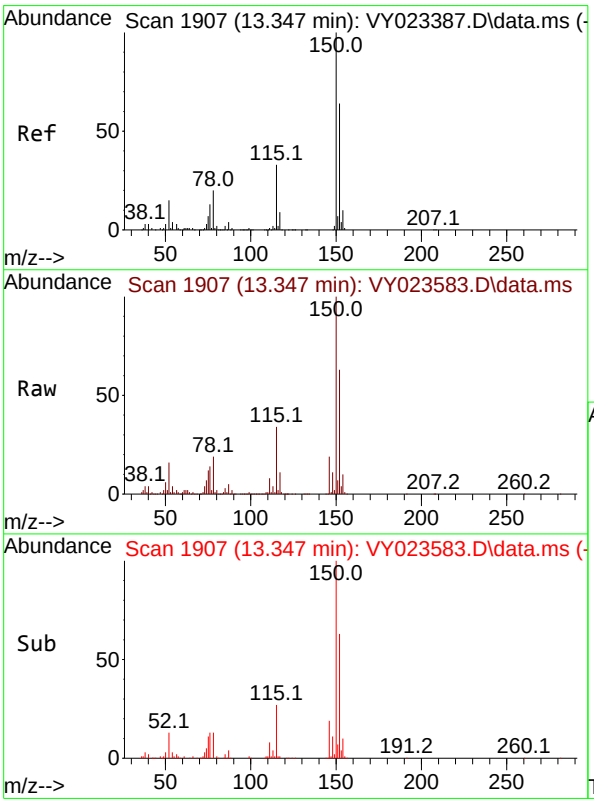
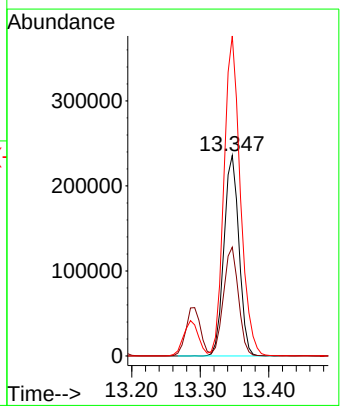
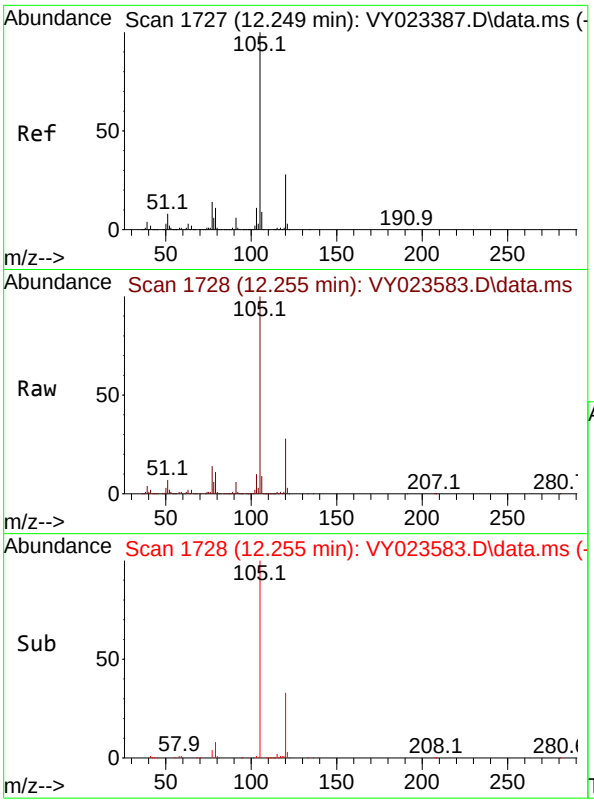


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:152 Resp: 357296

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.1	81.2
150	174.2	0.0	347.4

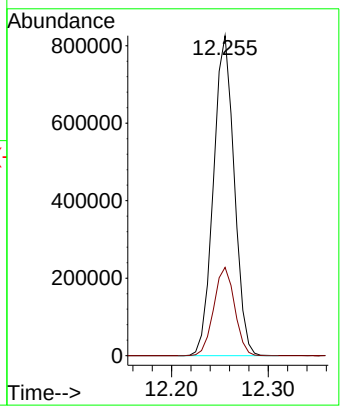




#73
Isopropylbenzene
Concen: 52.194 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 122898

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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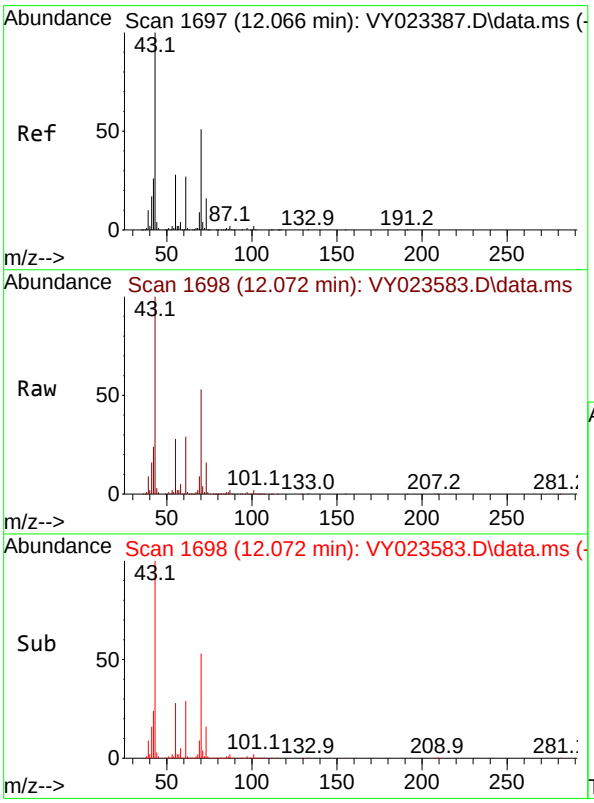
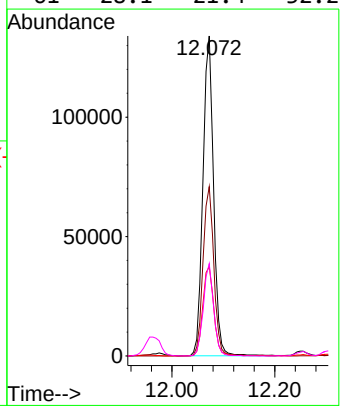
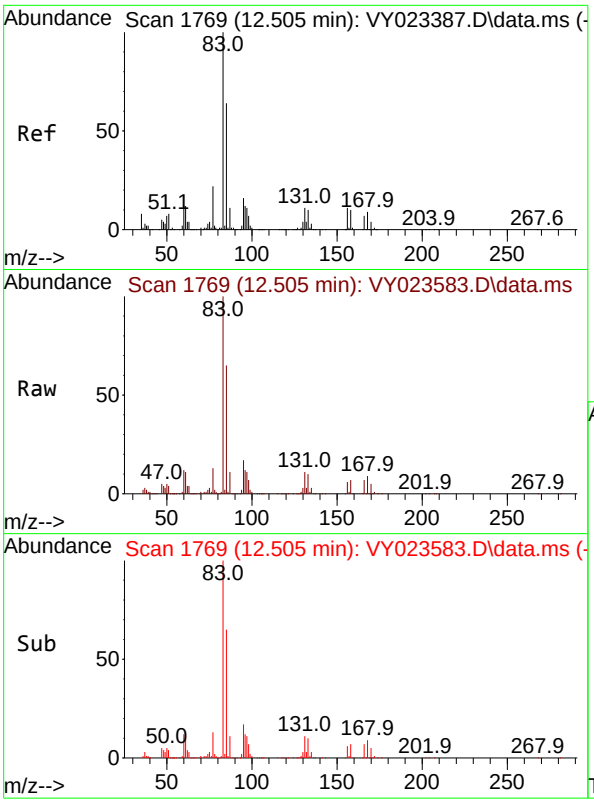


#74
N-amyl acetate
Concen: 45.395 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 191987

Ion	Ratio	Lower	Upper
43	100		
70	54.1	41.1	61.7
55	29.1	23.0	34.6
61	28.1	21.4	32.2

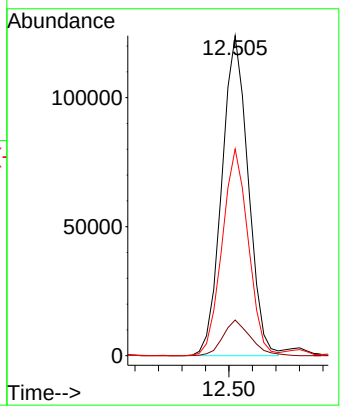




#75
1,1,2,2-Tetrachloroethane
Concen: 50.226 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 19342

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.6
85	64.0	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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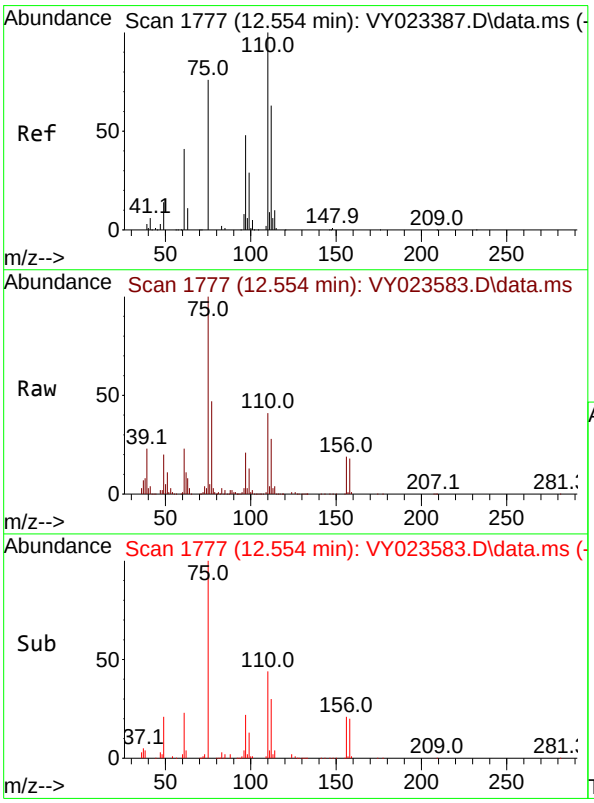
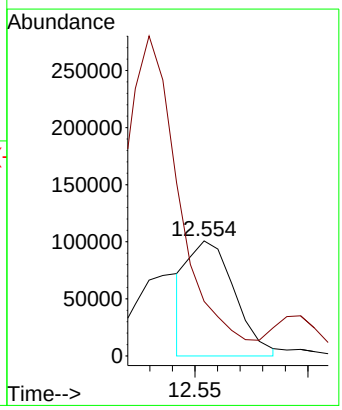
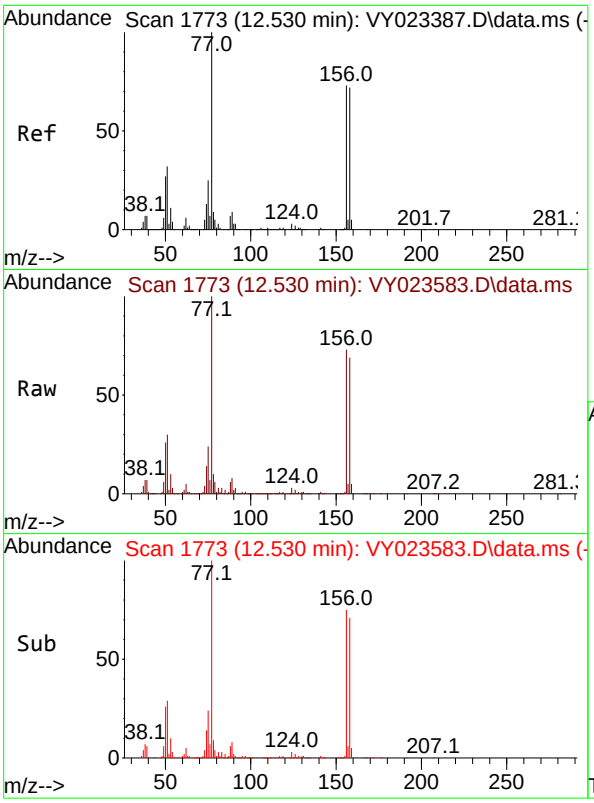


#76
1,2,3-Trichloropropane
Concen: 45.858 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 144559

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

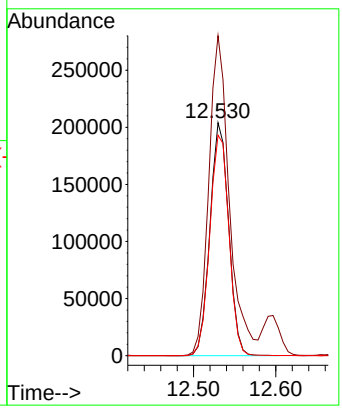




#77
Bromobenzene
Concen: 51.369 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:156 Resp: 32155

Ion	Ratio	Lower	Upper
156	100		
77	151.7	76.8	230.5
158	97.1	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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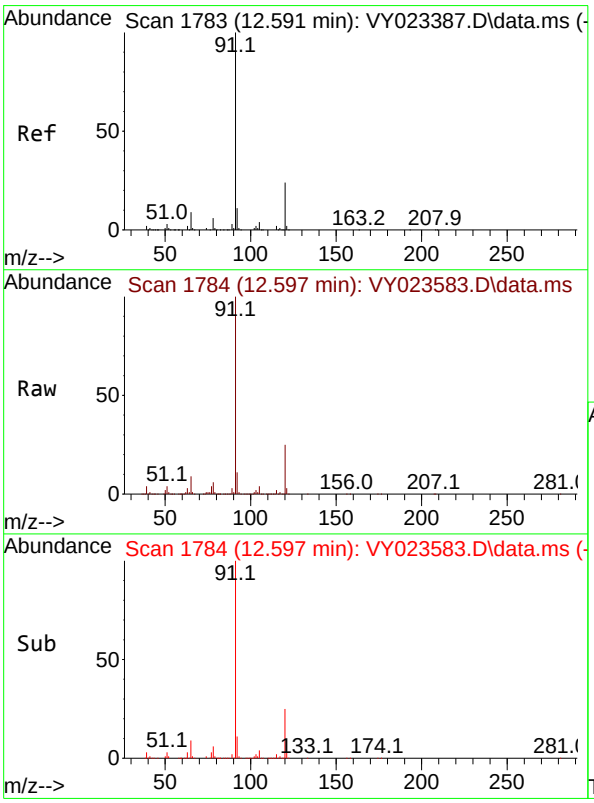
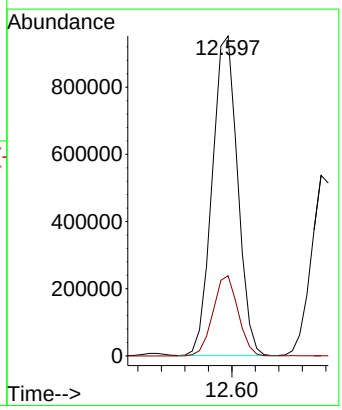
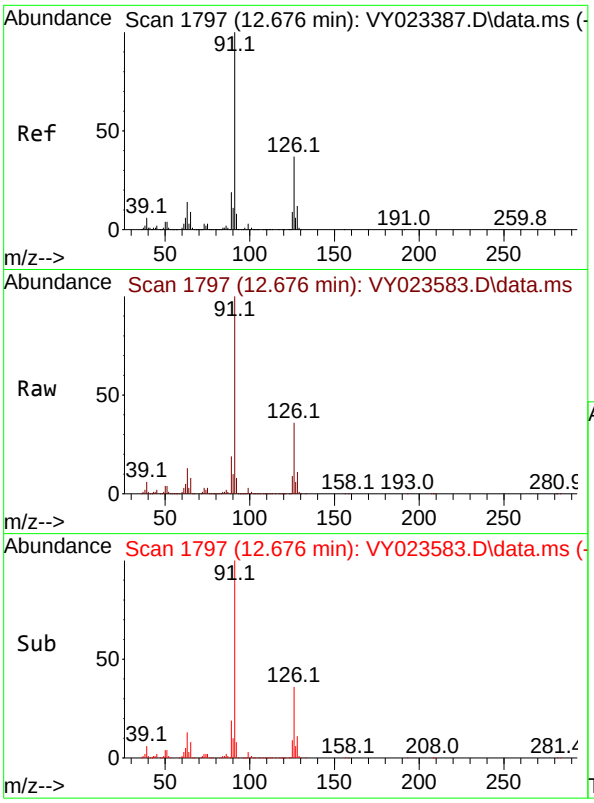


#78
n-propylbenzene
Concen: 52.451 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 1429172

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.8





#79
2-Chlorotoluene
Concen: 51.649 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 82412

Ion	Ratio	Lower	Upper
91	100		
126	37.6	18.5	55.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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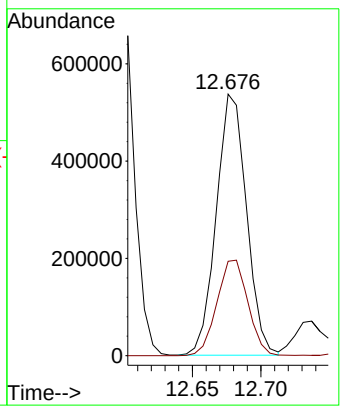
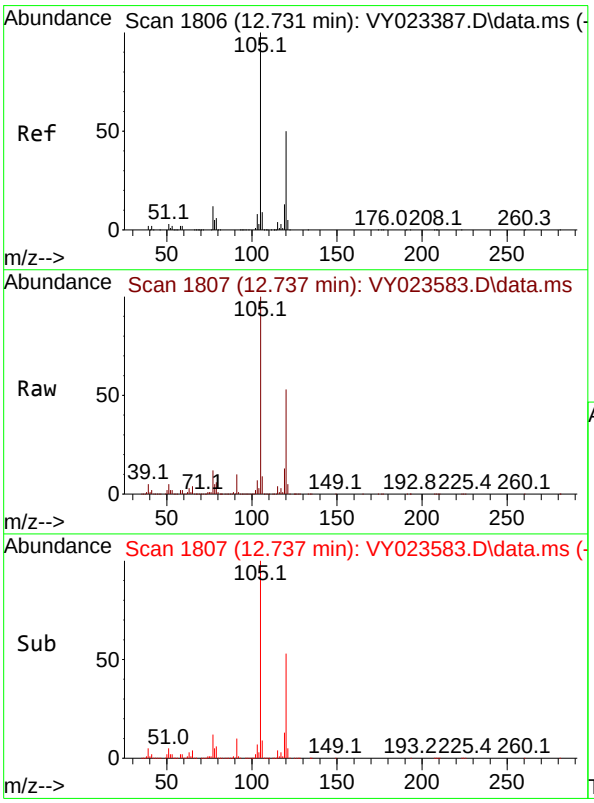
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

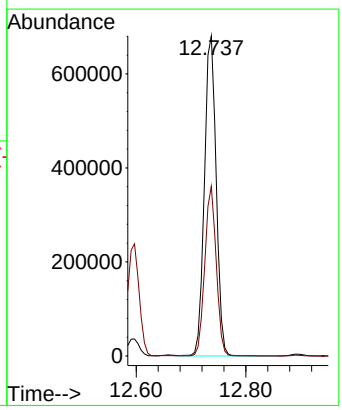


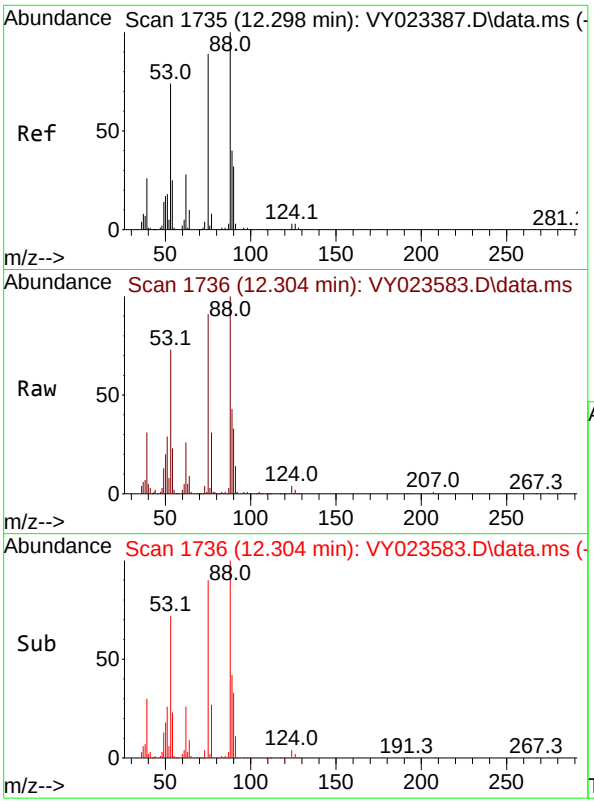


#80
1,3,5-Trimethylbenzene
Concen: 53.013 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 1008678

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.823 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 6276

Ion	Ratio	Lower	Upper
75	100		
53	82.3	68.6	102.8
89	48.8	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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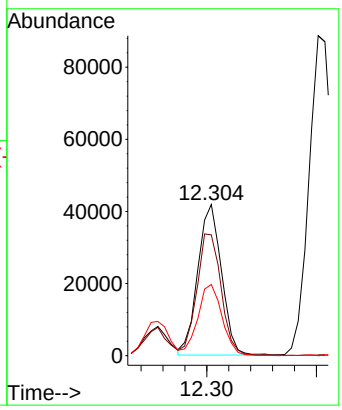
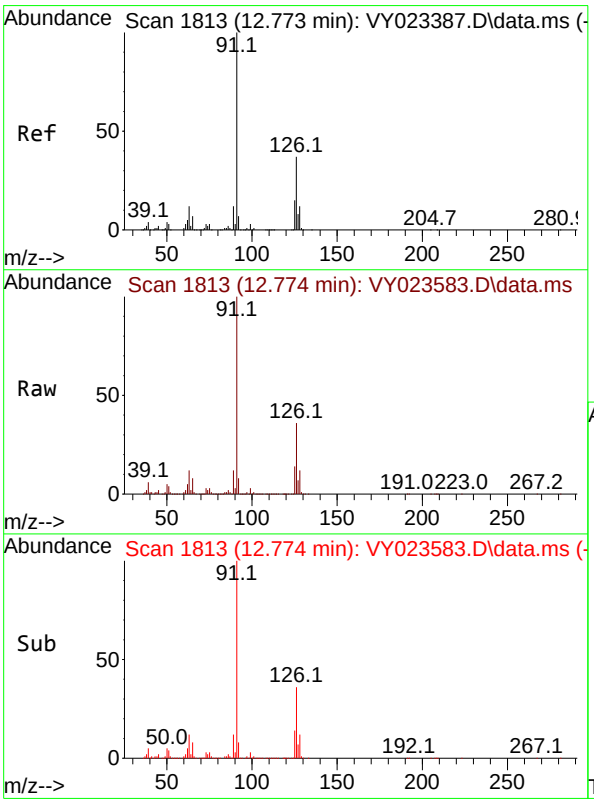
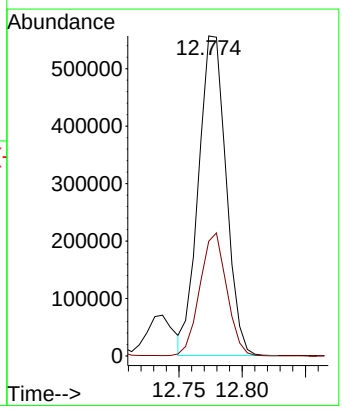


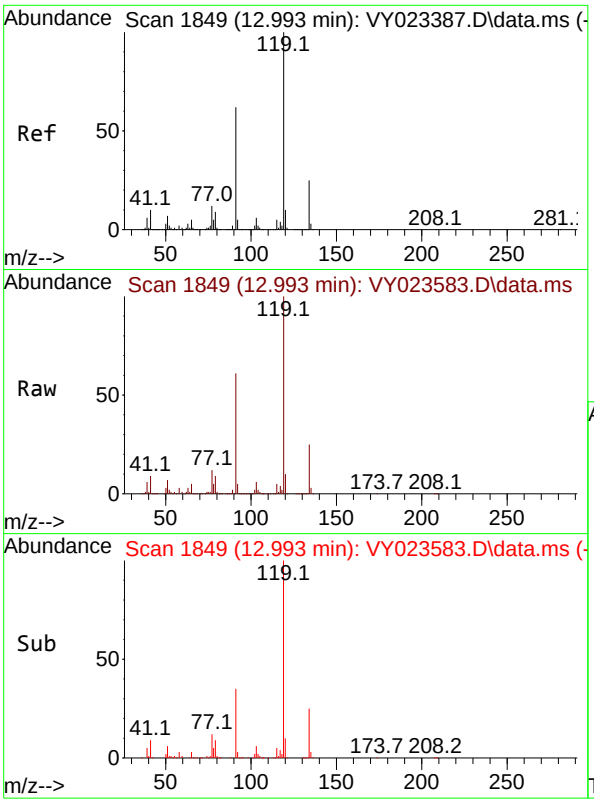


#82
4-Chlorotoluene
Concen: 51.408 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 844797

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.4	55.4





#83
tert-Butylbenzene
Concen: 53.096 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:119 Resp: 93277

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.9	89.8
134	26.3	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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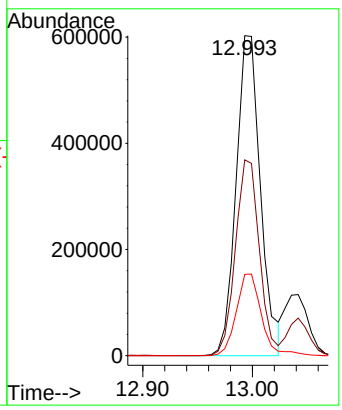
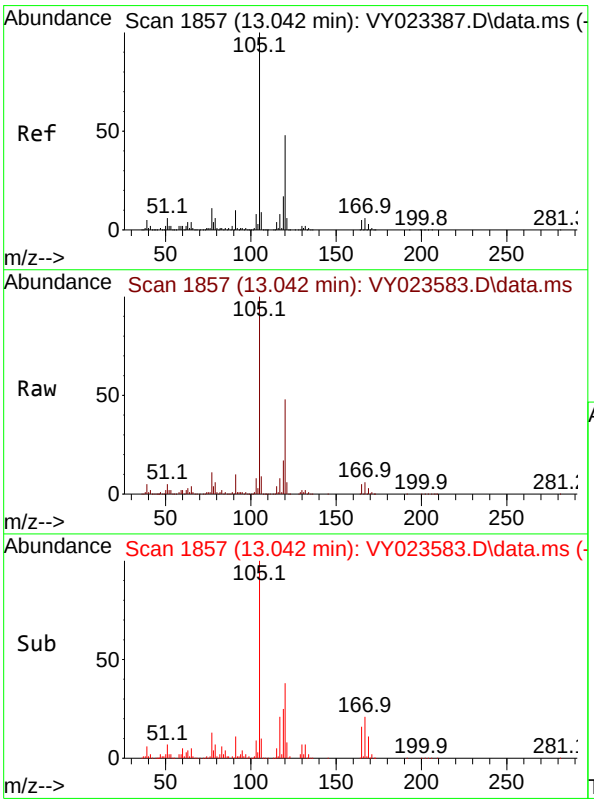
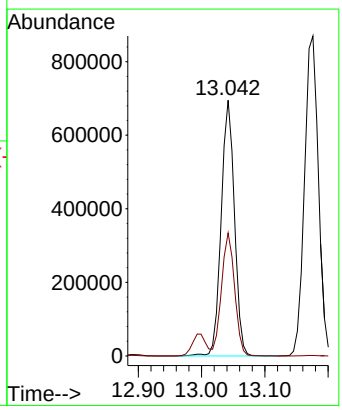


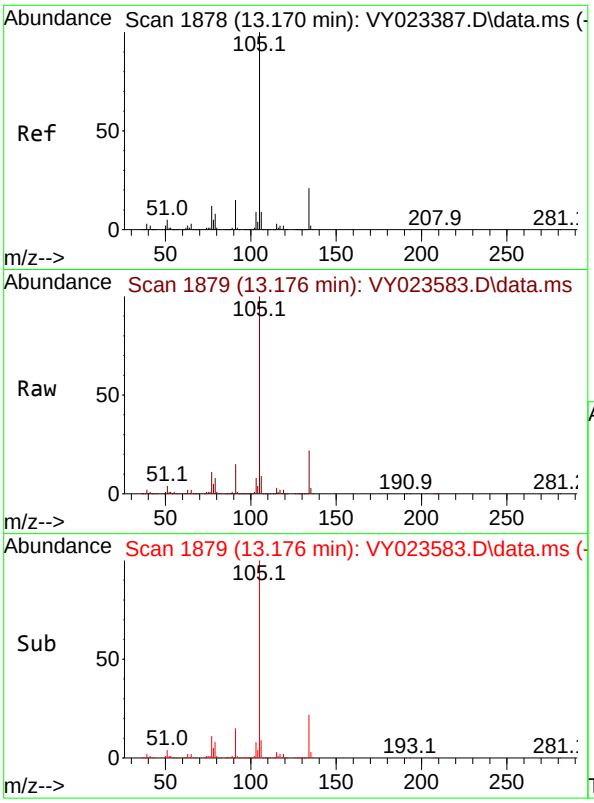


#84
1,2,4-Trimethylbenzene
Concen: 53.080 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 1007932

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.2





#85
sec-Butylbenzene
Concen: 52.508 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 132326

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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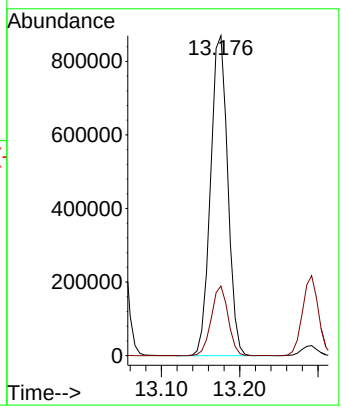
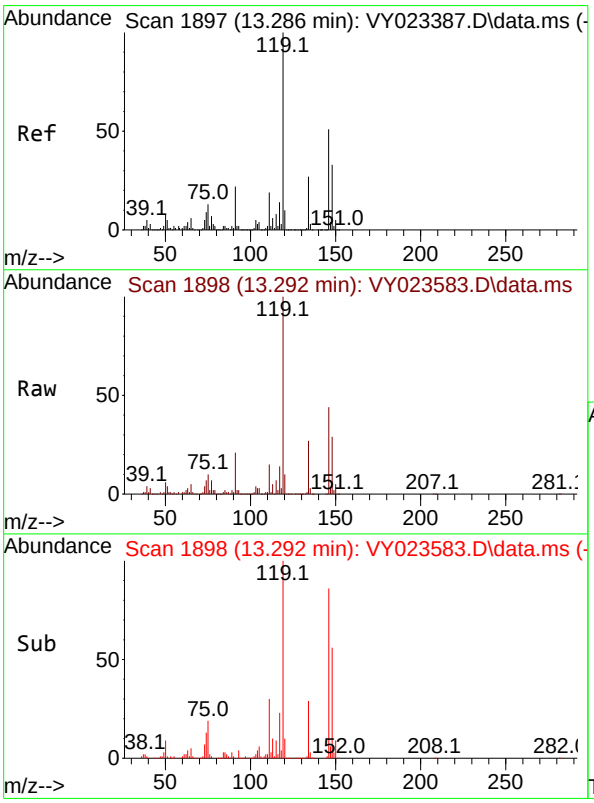
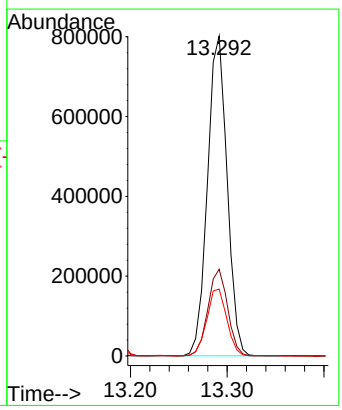


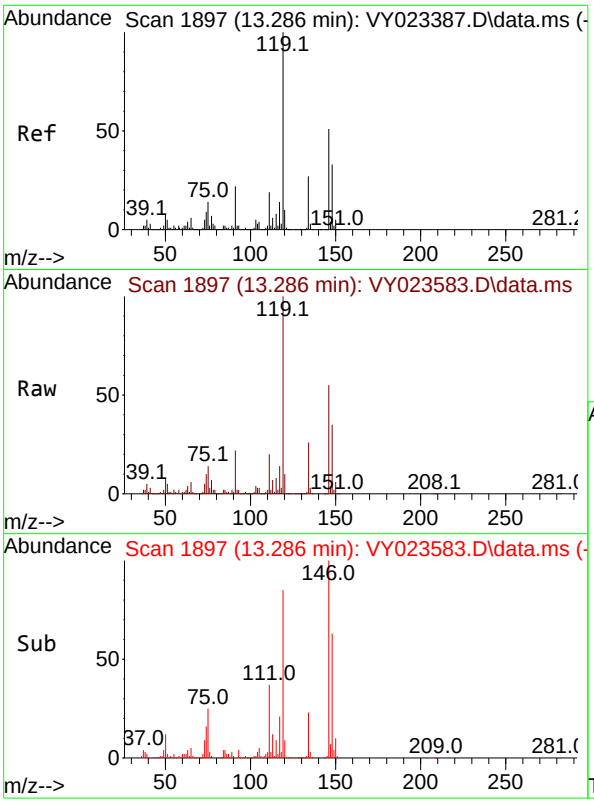


#86
p-Isopropyltoluene
Concen: 52.691 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:119 Resp: 1130580

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.4	10.9	32.9

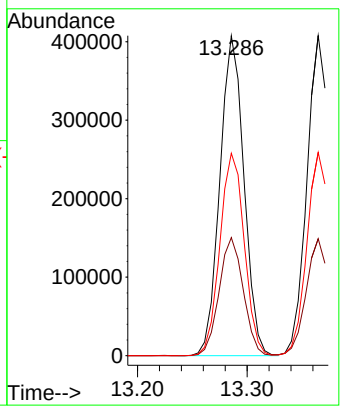




#87
1,3-Dichlorobenzene
Concen: 51.020 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:146 Resp: 62191

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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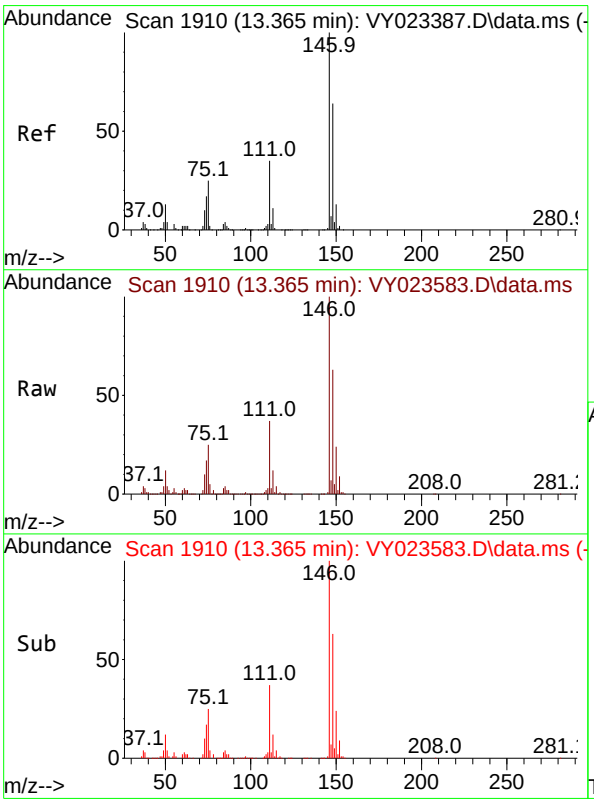
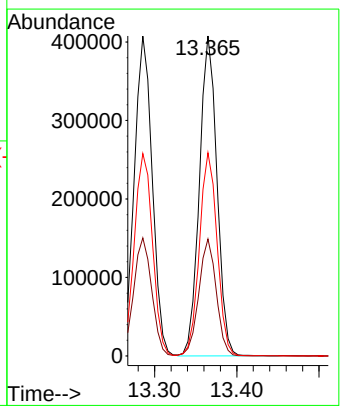
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

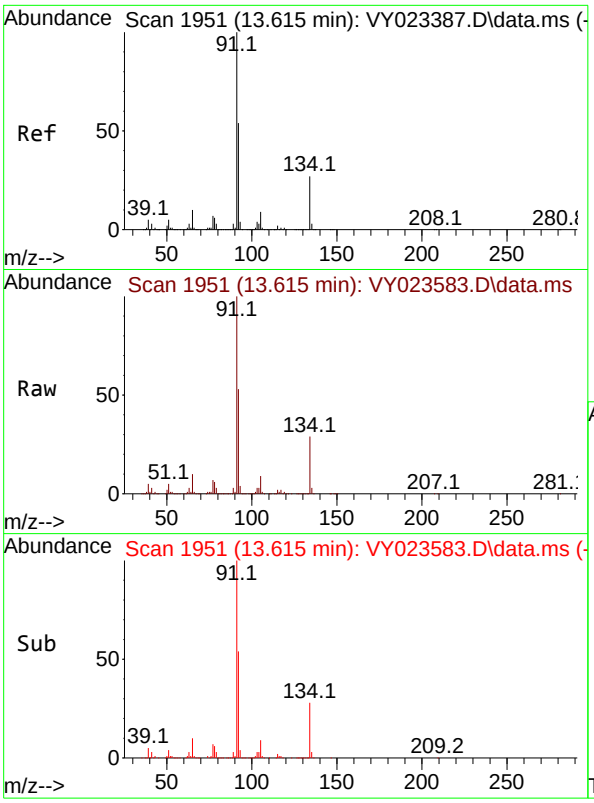


#88
1,4-Dichlorobenzene
Concen: 50.226 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:146 Resp: 604673

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	64.0	31.9	95.7

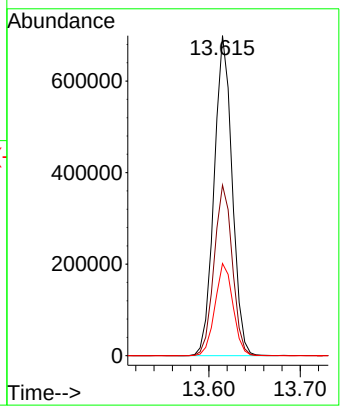




#89
n-Butylbenzene
Concen: 51.258 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 95831

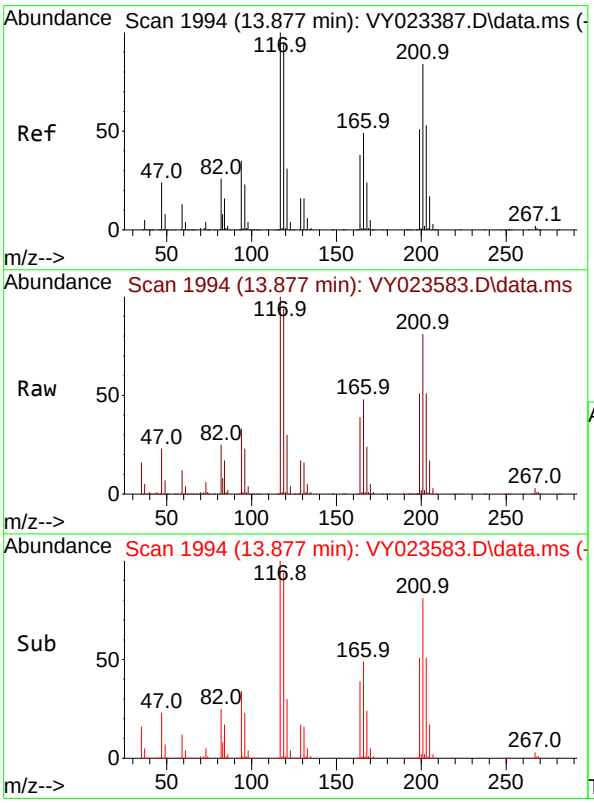
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.8	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

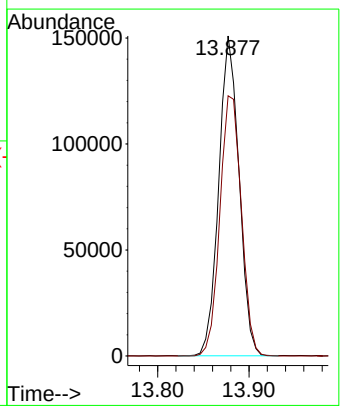
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

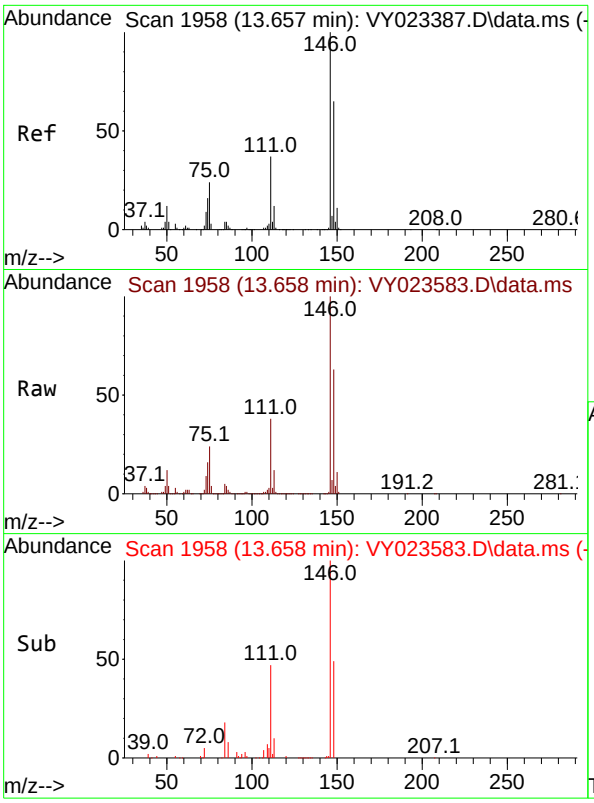


#90
Hexachloroethane
Concen: 50.494 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 233027

Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.8	131.4

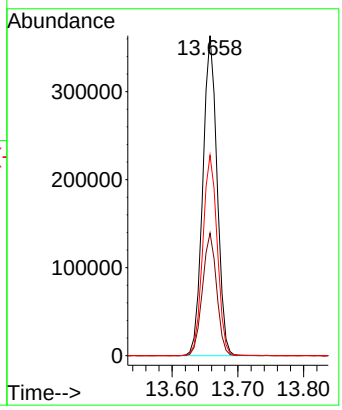




#91
1,2-Dichlorobenzene
Concen: 51.357 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:146 Resp: 54885

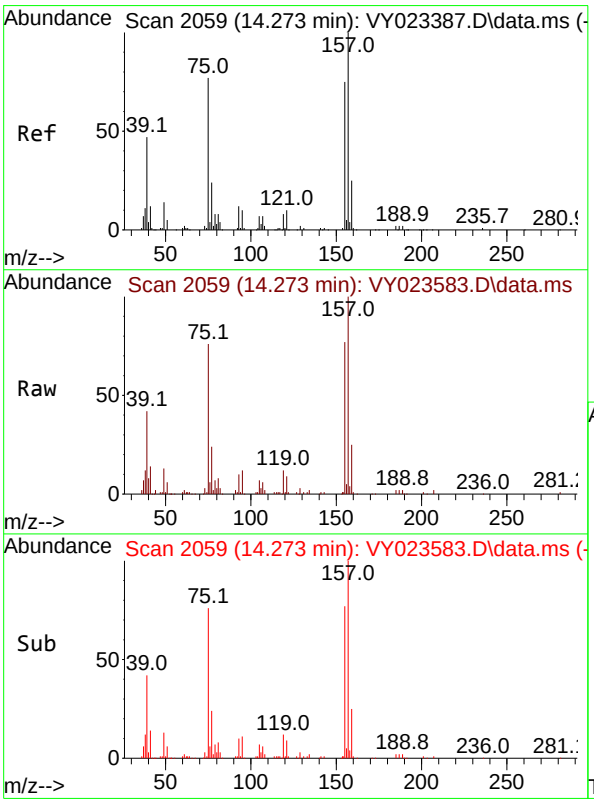
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.5	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

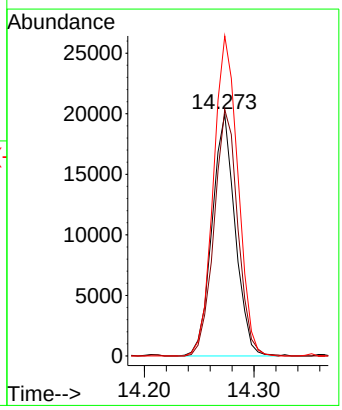
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

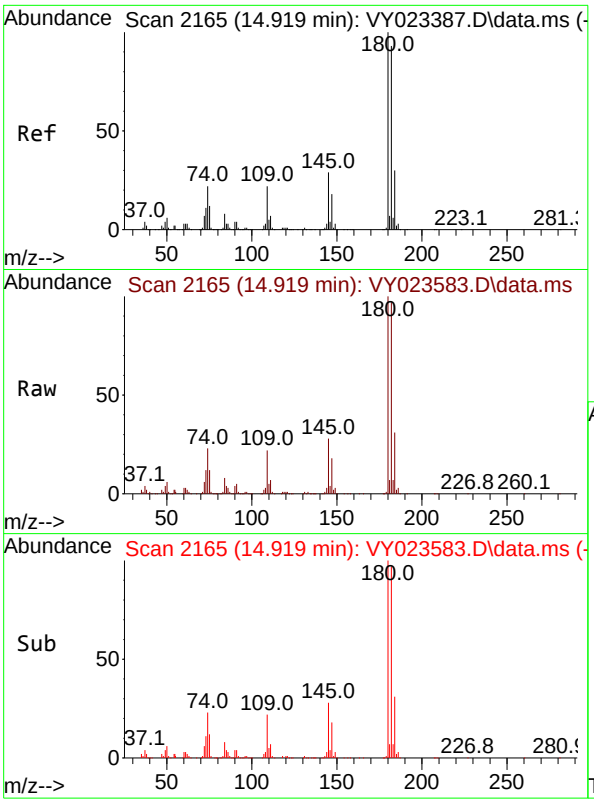


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.303 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 29259

Ion	Ratio	Lower	Upper
75	100		
155	104.4	50.0	150.0
157	140.0	63.8	191.5

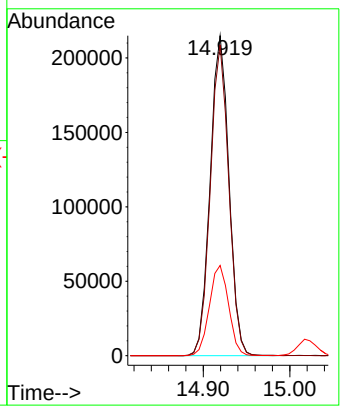




#93
1,2,4-Trichlorobenzene
Concen: 48.700 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:180 Resp: 32446

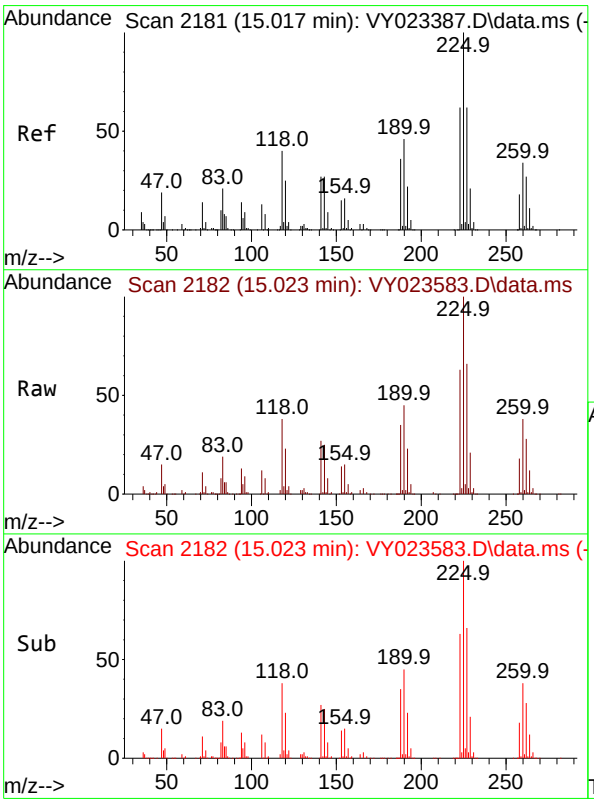
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	28.8	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

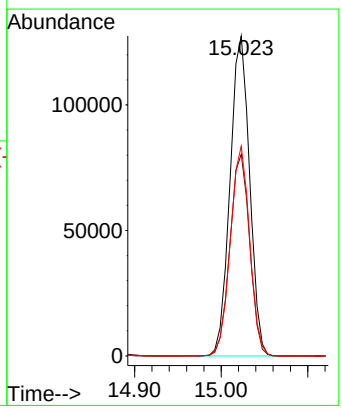
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

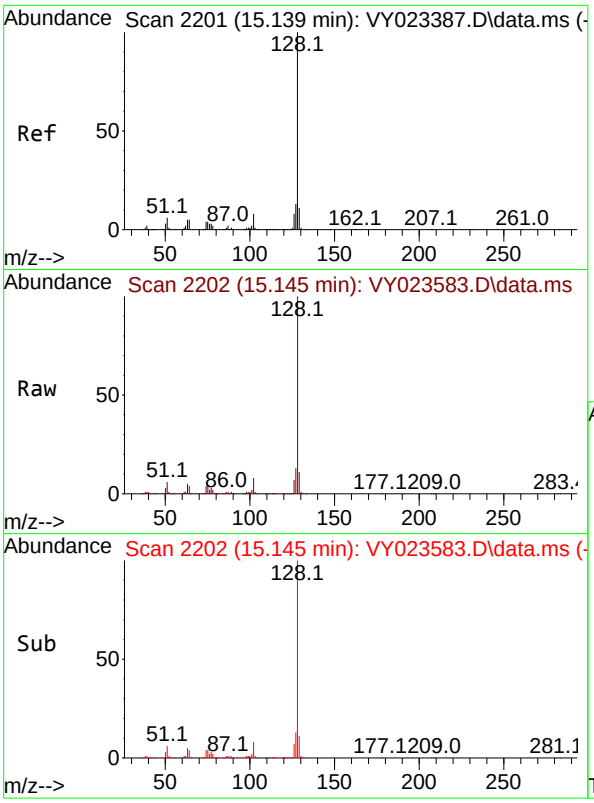


#94
Hexachlorobutadiene
Concen: 48.065 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:225 Resp: 199621

Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.8	92.3
227	65.0	31.9	95.7

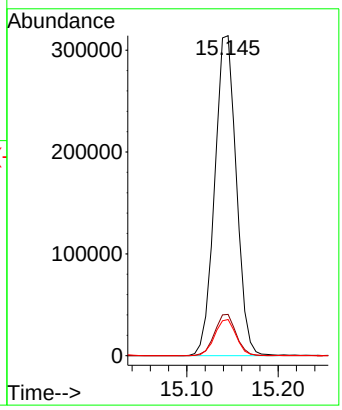




#95
Naphthalene
Concen: 48.814 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:128 Resp: 51789

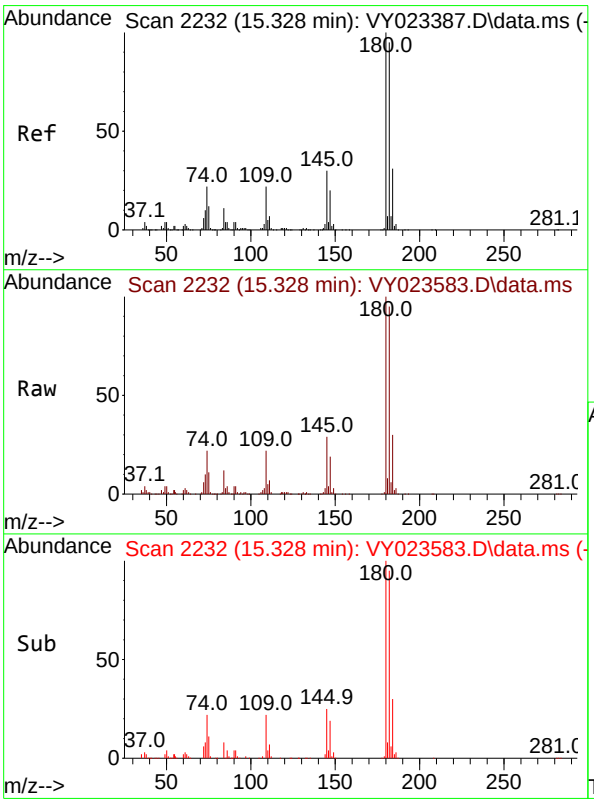
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.2	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

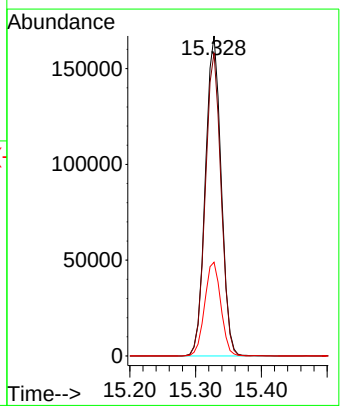
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.298 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:180 Resp: 278723

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	30.0	15.3	45.9



Sample Results: **VY023583.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.360	0.285	20.8	76	0.00
3	P	Chloromethane	0.490	0.394	19.6	75	0.00
4	C	Vinyl Chloride	0.639	0.539	15.6#	77	0.00
5	T	Bromomethane	0.536	0.462	13.8	85	0.00
6	T	Chloroethane	0.435	0.394	9.4	82	0.00
7	T	Trichlorofluoromethane	0.887	0.797	10.1	81	0.00
8	T	Diethyl Ether	0.232	0.230	0.9	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.447	2.8	88	0.00
10	T	Methyl Iodide	0.512	0.574	-12.1	92	0.01
11	T	Tert butyl alcohol	0.031	0.030	3.2	105	0.00
12	CM	1,1-Dichloroethene	0.446	0.430	3.6#	87	0.00
13	T	Acrolein	0.044	0.011	75.0#	22#	0.00
14	T	Allyl chloride	0.544	0.500	8.1	82	0.01
15	T	Acrylonitrile	0.089	0.090	-1.1	94	0.00
16	T	Acetone	0.100	0.074	26.0#	76	0.00
17	T	Carbon Disulfide	1.277	1.114	12.8	78	0.00
18	T	Methyl Acetate	0.261	0.325	-24.5	114	0.00
19	T	Methyl tert-butyl Ether	1.072	1.114	-3.9	94	0.00
20	T	Methylene Chloride	0.538	0.509	5.4	95	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.500	-1.8	91	0.01
22	T	Diisopropyl ether	1.202	1.204	-0.2	89	0.00
23	T	Vinyl Acetate	0.651	0.584	10.3	80	0.00
24	P	1,1-Dichloroethane	0.796	0.793	0.4	90	0.00
25	T	2-Butanone	0.122	0.106	13.1	87	0.00
26	T	2,2-Dichloropropane	0.731	0.696	4.8	85	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.605	-6.7	96	0.00
28	T	Bromochloromethane	0.297	0.261	12.1	84	0.00
29	T	Tetrahydrofuran	0.069	0.066	4.3	90	0.00
30	C	Chloroform	0.875	0.915	-4.6#	94	0.00
31	T	Cyclohexane	0.696	0.608	12.6	81	0.00
32	T	1,1,1-Trichloroethane	0.795	0.815	-2.5	91	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.388	7.2	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.307	0.308	-0.3	89	0.00
36	T	1,1-Dichloropropene	0.407	0.408	-0.2	89	0.00
37	T	Ethyl Acetate	0.161	0.151	6.2	87	0.00
38	T	Carbon Tetrachloride	0.493	0.504	-2.2	91	0.00
39	T	Methylcyclohexane	0.530	0.521	1.7	85	0.00
40	TM	Benzene	1.288	1.333	-3.5	92	0.00
41	T	Methacrylonitrile	0.087	0.085	2.3	92	0.00
42	TM	1,2-Dichloroethane	0.332	0.332	0.0	91	0.00
43	T	Isopropyl Acetate	0.321	0.310	3.4	89	0.00
44	TM	Trichloroethene	0.377	0.395	-4.8	93	0.00
45	C	1,2-Dichloropropane	0.285	0.298	-4.6#	94	0.00
46	T	Dibromomethane	0.180	0.192	-6.7	96	0.00
47	T	Bromodichloromethane	0.453	0.482	-6.4	95	0.00
48	T	Methyl methacrylate	0.151	0.149	1.3	87	0.00

Sample Results: **VY023583.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.002	0.002	0.0	94	0.00
50	S	Toluene-d8	1.144	1.127	1.5	86	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.170	-2.4	92	0.00
52	CM	Toluene	0.836	0.897	-7.3#	94	0.00
53	T	t-1,3-Dichloropropene	0.394	0.409	-3.8	92	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.485	-4.3	92	0.00
55	T	1,1,2-Trichloroethane	0.242	0.264	-9.1	99	0.00
56	T	Ethyl methacrylate	0.279	0.310	-11.1	96	0.00
57	T	1,3-Dichloropropane	0.383	0.409	-6.8	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.141	-12.8	95	0.00
59	T	2-Hexanone	0.119	0.115	3.4	89	0.00
60	T	Dibromochloromethane	0.339	0.375	-10.6	99	0.00
61	T	1,2-Dibromoethane	0.231	0.251	-8.7	97	0.00
62	S	4-Bromofluorobenzene	0.378	0.380	-0.5	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.516	0.567	-9.9	97	0.00
65	PM	Chlorobenzene	1.087	1.141	-5.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.411	-5.9	98	0.00
67	C	Ethyl Benzene	1.760	1.865	-6.0#	94	0.00
68	T	m/p-Xylenes	0.706	0.753	-6.7	94	0.00
69	T	o-Xylene	0.662	0.715	-8.0	95	0.00
70	T	Styrene	1.089	1.196	-9.8	96	0.00
71	P	Bromoform	0.240	0.256	-6.7	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.295	3.440	-4.4	94	0.00
74	T	N-amyl acetate	0.592	0.537	9.3	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.541	-0.4	99	0.00
76	T	1,2,3-Trichloropropane	0.441	0.405	8.2	85	0.00
77	T	Bromobenzene	0.876	0.900	-2.7	97	0.00
78	T	n-propylbenzene	3.813	4.000	-4.9	94	0.00
79	T	2-Chlorotoluene	2.233	2.307	-3.3	94	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.823	-6.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.176	2.2	95	0.00
82	T	4-Chlorotoluene	2.300	2.364	-2.8	95	0.00
83	T	tert-Butylbenzene	2.458	2.611	-6.2	94	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.821	-6.2	95	0.00
85	T	sec-Butylbenzene	3.527	3.704	-5.0	94	0.00
86	T	p-Isopropyltoluene	3.003	3.164	-5.4	93	0.00
87	T	1,3-Dichlorobenzene	1.706	1.741	-2.1	96	0.00
88	T	1,4-Dichlorobenzene	1.685	1.692	-0.4	95	0.00
89	T	n-Butylbenzene	2.616	2.682	-2.5	91	0.00
90	T	Hexachloroethane	0.646	0.652	-0.9	95	0.00
91	T	1,2-Dichlorobenzene	1.496	1.536	-2.7	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.082	6.8	90	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.908	2.6	90	0.00
94	T	Hexachlorobutadiene	0.581	0.559	3.8	88	0.00
95	T	Naphthalene	1.485	1.449	2.4	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.780	3.5	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VY023583.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	39.661	20.7	76	0.00
3	P	Chloromethane	50.000	40.217	19.6	75	0.00
4	C	Vinyl Chloride	50.000	42.216	15.6#	77	0.00
5	T	Bromomethane	50.000	43.068	13.9	85	0.00
6	T	Chloroethane	50.000	45.255	9.5	82	0.00
7	T	Trichlorofluoromethane	50.000	44.941	10.1	81	0.00
8	T	Diethyl Ether	50.000	49.730	0.5	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.588	2.8	88	0.00
10	T	Methyl Iodide	50.000	55.987	-12.0	92	0.01
11	T	Tert butyl alcohol	250.000	243.906	2.4	105	0.00
12	CM	1,1-Dichloroethene	50.000	48.245	3.5#	87	0.00
13	T	Acrolein	250.000	61.212	75.5#	22	0.00
14	T	Allyl chloride	50.000	46.019	8.0	82	0.01
15	T	Acrylonitrile	250.000	252.444	-1.0	94	0.00
16	T	Acetone	250.000	184.839	26.1#	76	0.00
17	T	Carbon Disulfide	50.000	43.615	12.8	78	0.00
18	T	Methyl Acetate	50.000	62.245	-24.5	114	0.00
19	T	Methyl tert-butyl Ether	50.000	51.960	-3.9	94	0.00
20	T	Methylene Chloride	50.000	47.242	5.5	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.951	-1.9	91	0.01
22	T	Diisopropyl ether	50.000	50.063	-0.1	89	0.00
23	T	Vinyl Acetate	250.000	224.231	10.3	80	0.00
24	P	1,1-Dichloroethane	50.000	49.772	0.5	90	0.00
25	T	2-Butanone	250.000	217.718	12.9	87	0.00
26	T	2,2-Dichloropropane	50.000	47.627	4.7	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.358	-6.7	96	0.00
28	T	Bromochloromethane	50.000	43.934	12.1	84	0.00
29	T	Tetrahydrofuran	250.000	241.224	3.5	90	0.00
30	C	Chloroform	50.000	52.295	-4.6#	94	0.00
31	T	Cyclohexane	50.000	43.698	12.6	81	0.00
32	T	1,1,1-Trichloroethane	50.000	51.234	-2.5	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.364	7.3	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	50.055	-0.1	89	0.00
36	T	1,1-Dichloropropene	50.000	50.126	-0.3	89	0.00
37	T	Ethyl Acetate	50.000	46.950	6.1	87	0.00
38	T	Carbon Tetrachloride	50.000	51.133	-2.3	91	0.00
39	T	Methylcyclohexane	50.000	49.151	1.7	85	0.00
40	TM	Benzene	50.000	51.750	-3.5	92	0.00
41	T	Methacrylonitrile	50.000	48.731	2.5	92	0.00
42	TM	1,2-Dichloroethane	50.000	49.949	0.1	91	0.00
43	T	Isopropyl Acetate	50.000	48.273	3.5	89	0.00
44	TM	Trichloroethene	50.000	52.437	-4.9	93	0.00
45	C	1,2-Dichloropropane	50.000	52.426	-4.9#	94	0.00
46	T	Dibromomethane	50.000	53.491	-7.0	96	0.00
47	T	Bromodichloromethane	50.000	53.231	-6.5	95	0.00
48	T	Methyl methacrylate	50.000	49.312	1.4	87	0.00

Sample Results: **VY023583.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	1029.589	-3.0	94	0.00
50	S	Toluene-d8	50.000	49.231	1.5	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.268	-2.5	92	0.00
52	CM	Toluene	50.000	53.602	-7.2#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	51.933	-3.9	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.164	-4.3	92	0.00
55	T	1,1,2-Trichloroethane	50.000	54.660	-9.3	99	0.00
56	T	Ethyl methacrylate	50.000	55.470	-10.9	96	0.00
57	T	1,3-Dichloropropane	50.000	53.336	-6.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.585	-13.0	95	0.00
59	T	2-Hexanone	250.000	243.040	2.8	89	0.00
60	T	Dibromochloromethane	50.000	55.230	-10.5	99	0.00
61	T	1,2-Dibromoethane	50.000	54.370	-8.7	97	0.00
62	S	4-Bromofluorobenzene	50.000	50.285	-0.6	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	54.866	-9.7	97	0.00
65	PM	Chlorobenzene	50.000	52.481	-5.0	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.979	-6.0	98	0.00
67	C	Ethyl Benzene	50.000	52.985	-6.0#	94	0.00
68	T	m/p-Xylenes	100.000	106.715	-6.7	94	0.00
69	T	o-Xylene	50.000	54.018	-8.0	95	0.00
70	T	Styrene	50.000	54.888	-9.8	96	0.00
71	P	Bromoform	50.000	53.216	-6.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	52.194	-4.4	94	0.00
74	T	N-amyl acetate	50.000	45.395	9.2	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.226	-0.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	45.858	8.3	85	0.00
77	T	Bromobenzene	50.000	51.369	-2.7	97	0.00
78	T	n-propylbenzene	50.000	52.451	-4.9	94	0.00
79	T	2-Chlorotoluene	50.000	51.649	-3.3	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.013	-6.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.823	2.4	95	0.00
82	T	4-Chlorotoluene	50.000	51.408	-2.8	95	0.00
83	T	tert-Butylbenzene	50.000	53.096	-6.2	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.080	-6.2	95	0.00
85	T	sec-Butylbenzene	50.000	52.508	-5.0	94	0.00
86	T	p-Isopropyltoluene	50.000	52.691	-5.4	93	0.00
87	T	1,3-Dichlorobenzene	50.000	51.020	-2.0	96	0.00
88	T	1,4-Dichlorobenzene	50.000	50.226	-0.5	95	0.00
89	T	n-Butylbenzene	50.000	51.258	-2.5	91	0.00
90	T	Hexachloroethane	50.000	50.494	-1.0	95	0.00
91	T	1,2-Dichlorobenzene	50.000	51.357	-2.7	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.303	7.4	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.700	2.6	90	0.00
94	T	Hexachlorobutadiene	50.000	48.065	3.9	88	0.00
95	T	Naphthalene	50.000	48.814	2.4	90	0.00

Sample Results: **VY023583.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	48.298	3.4	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

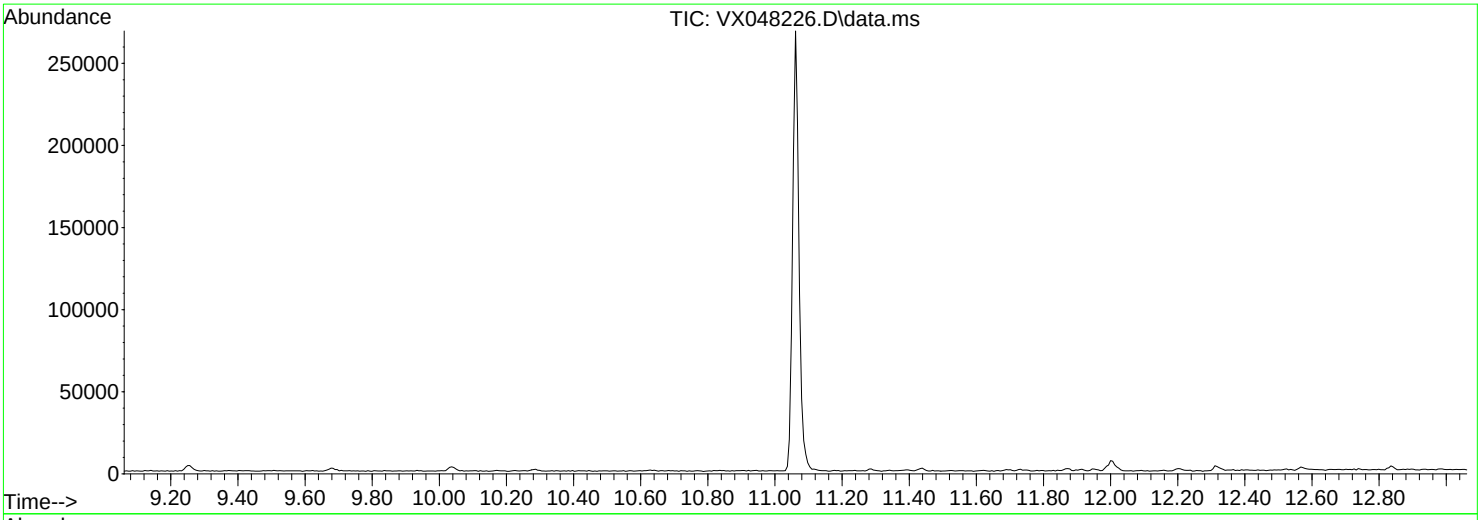
Sample Results: **VX048226.D**

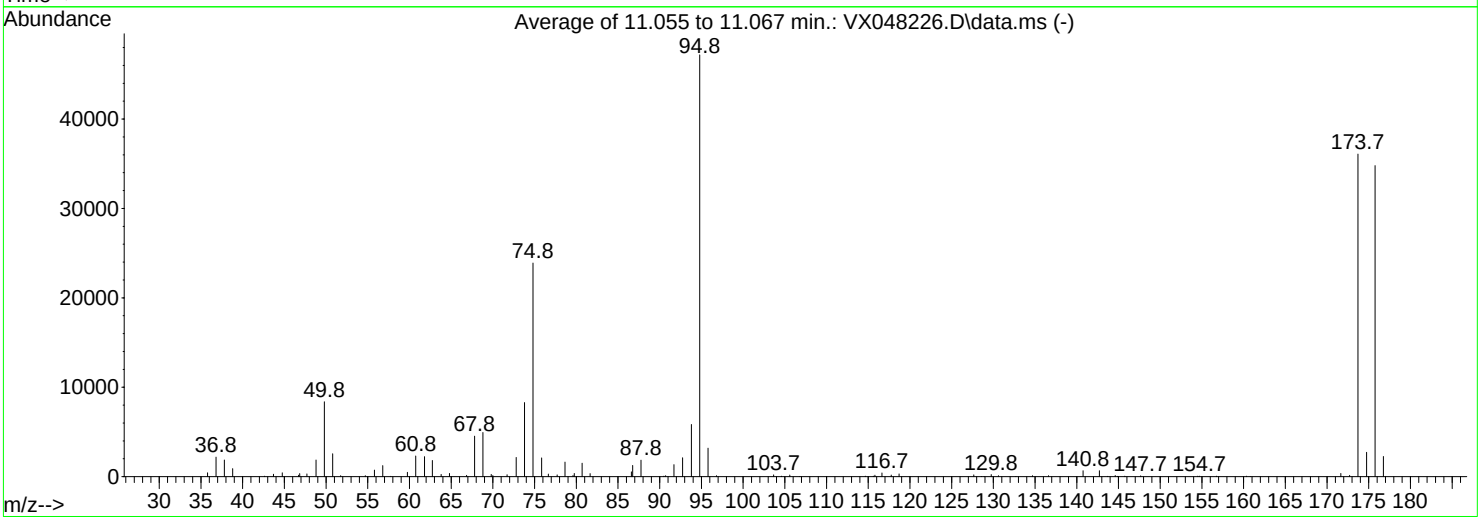
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048226.D
Acq On : 20 Oct 2025 08:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	8374	PASS
75	95	30	60	50.7	23901	PASS
95	95	100	100	100.0	47184	PASS
96	95	5	9	6.8	3185	PASS
173	174	0.00	2	0.4	138	PASS
174	95	50	100	76.5	36091	PASS
175	174	5	9	7.5	2719	PASS
176	174	95	101	96.4	34800	PASS
177	176	5	9	6.5	2253	PASS

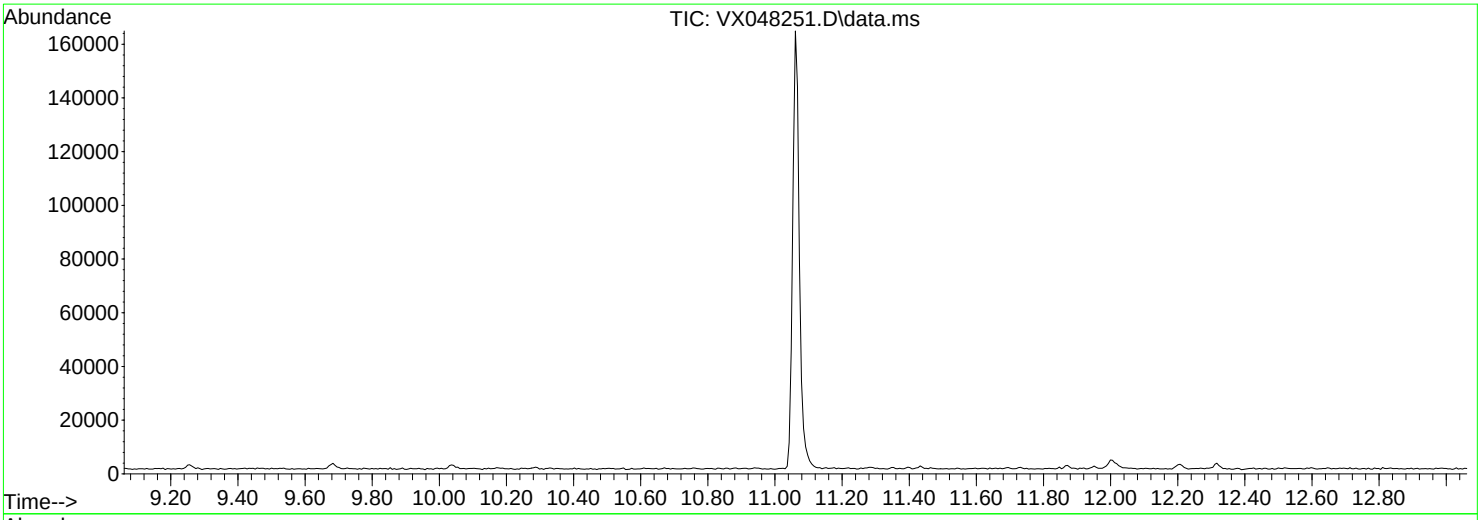
Sample Results: **VX048251.D**

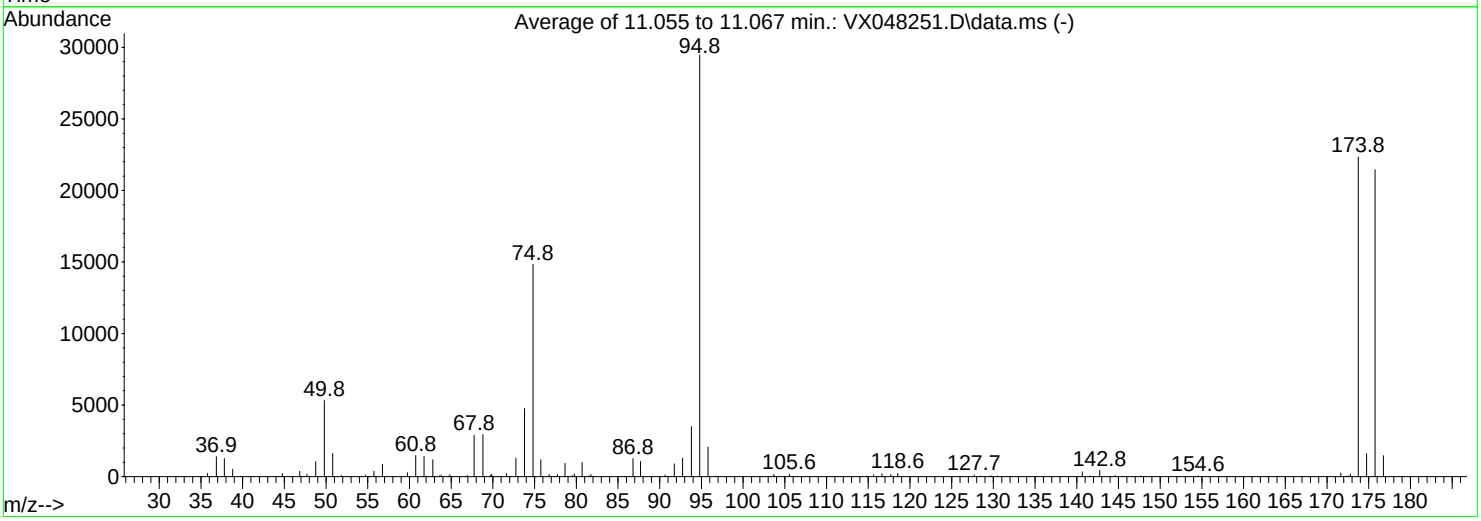
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048251.D
Acq On : 21 Oct 2025 08:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Title : SW846 8260
Last Update : Mon Oct 20 14:13:59 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	5318	PASS
75	95	30	60	50.3	14833	PASS
95	95	100	100	100.0	29475	PASS
96	95	5	9	7.0	2071	PASS
173	174	0.00	2	0.7	166	PASS
174	95	50	100	75.8	22330	PASS
175	174	5	9	7.2	1615	PASS
176	174	95	101	96.1	21451	PASS
177	176	5	9	6.8	1462	PASS

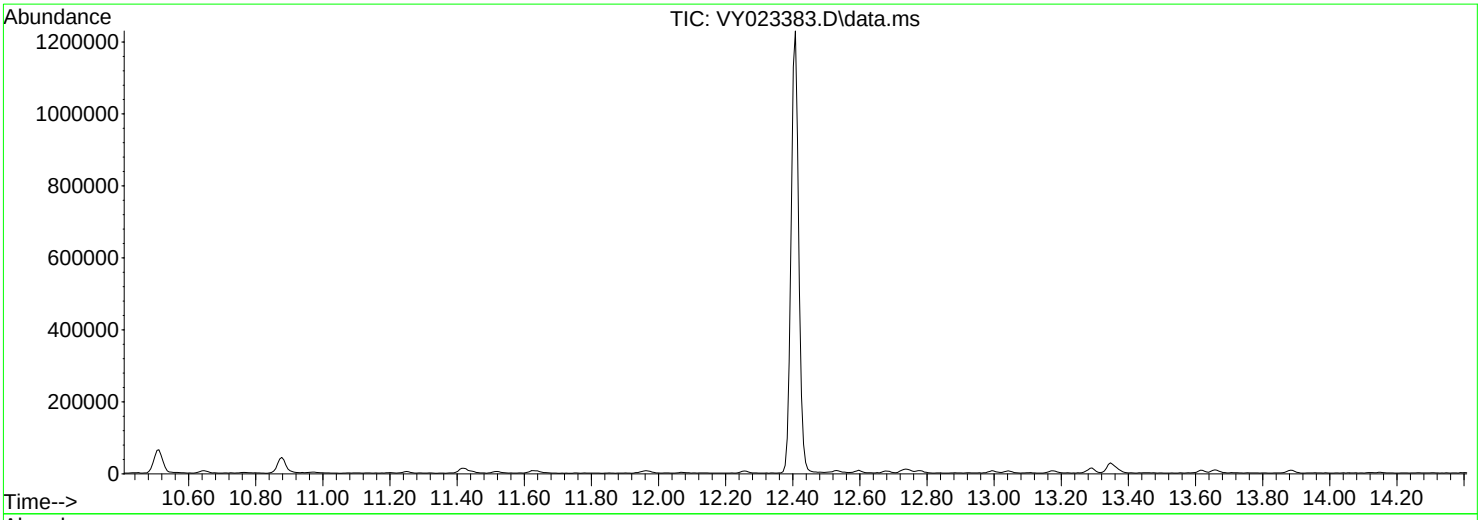
Sample Results: **VY023383.D**

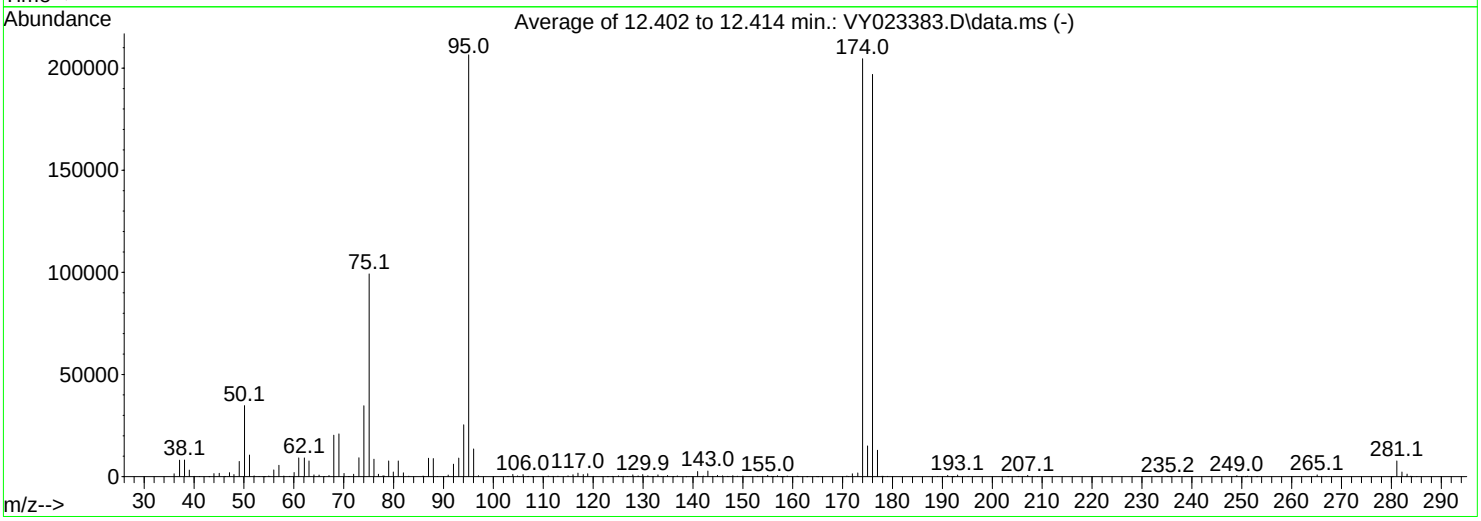
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023383.D
Acq On : 07 Oct 2025 08:43
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 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	16.9	34816	PASS
75	95	30	60	48.1	99264	PASS
95	95	100	100	100.0	206507	PASS
96	95	5	9	6.6	13540	PASS
173	174	0.00	2	0.9	1817	PASS
174	95	50	100	99.1	204629	PASS
175	174	5	9	7.4	15059	PASS
176	174	95	101	96.2	196949	PASS
177	176	5	9	6.6	12912	PASS

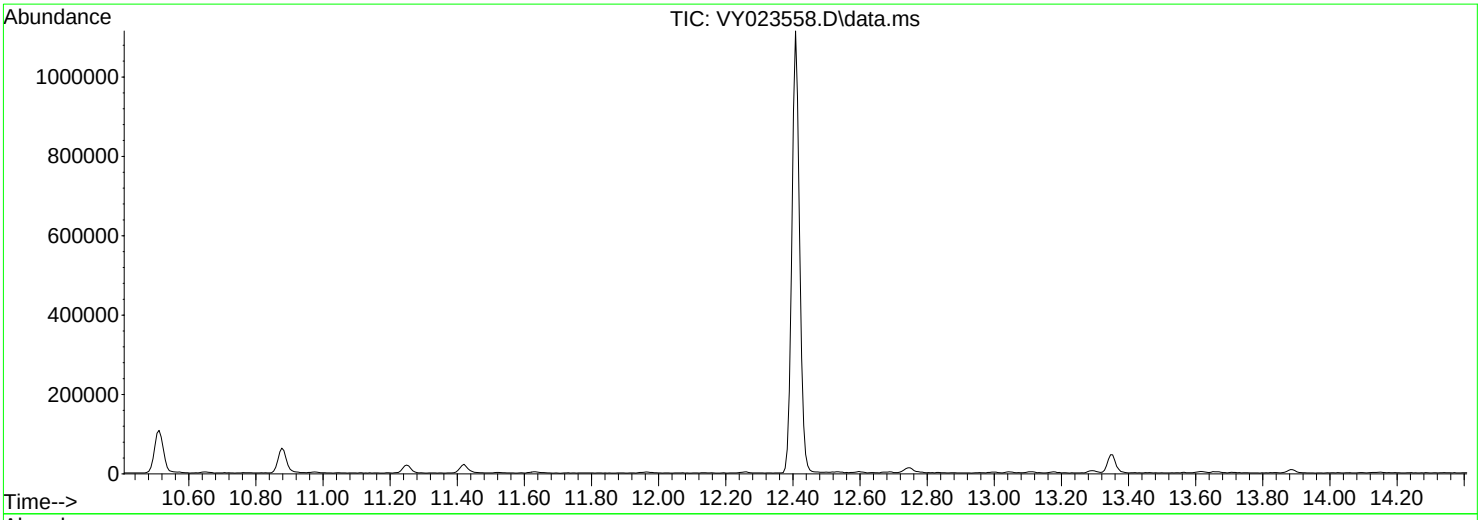
Sample Results: **VY023558.D**

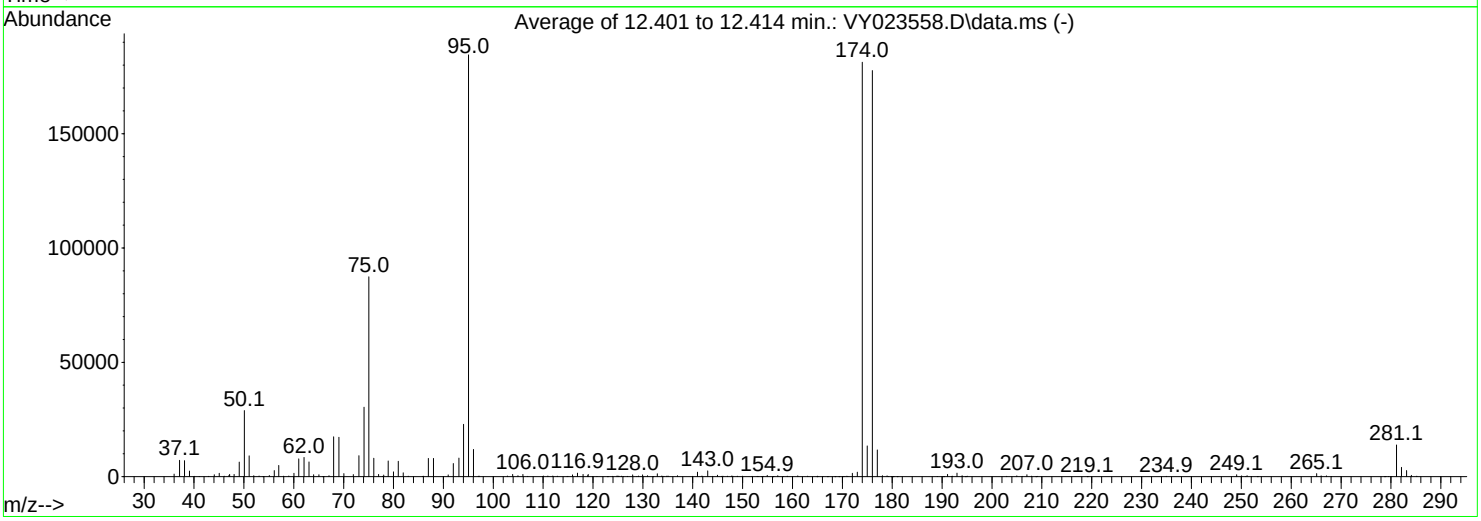
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023558.D
Acq On : 24 Oct 2025 07:47
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 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	15.7	28941	PASS
75	95	30	60	47.4	87403	PASS
95	95	100	100	100.0	184491	PASS
96	95	5	9	6.5	11916	PASS
173	174	0.00	2	1.1	1956	PASS
174	95	50	100	98.2	181248	PASS
175	174	5	9	7.4	13455	PASS
176	174	95	101	98.0	177600	PASS
177	176	5	9	6.6	11721	PASS

Raw Data: **VX048254.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBL01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 09:40	VX102125
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/21/25 09:40	VX102125
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/21/25 09:40	VX102125
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/21/25 09:40	VX102125
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/21/25 09:40	VX102125
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/21/25 09:40	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 09:40	VX102125
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/21/25 09:40	VX102125
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/21/25 09:40	VX102125
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/21/25 09:40	VX102125
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 09:40	VX102125
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/21/25 09:40	VX102125
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/21/25 09:40	VX102125
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 09:40	VX102125
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 09:40	VX102125
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/21/25 09:40	VX102125
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/21/25 09:40	VX102125
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 09:40	VX102125
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/21/25 09:40	VX102125
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 09:40	VX102125
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/21/25 09:40	VX102125
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 09:40	VX102125
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 09:40	VX102125
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 09:40	VX102125
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 09:40	VX102125
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/21/25 09:40	VX102125
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 09:40	VX102125
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/21/25 09:40	VX102125
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/21/25 09:40	VX102125
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/21/25 09:40	VX102125
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/21/25 09:40	VX102125
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 09:40	VX102125
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/21/25 09:40	VX102125
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/21/25 09:40	VX102125
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/21/25 09:40	VX102125
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 09:40	VX102125
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/21/25 09:40	VX102125
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 09:40	VX102125
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/21/25 09:40	VX102125
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/21/25 09:40	VX102125
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 09:40	VX102125
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/21/25 09:40	VX102125
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/21/25 09:40	VX102125

Raw Data: **VX048254.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBL01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/21/25 09:40	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/21/25 09:40	VX102125
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 09:40	VX102125
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/21/25 09:40	VX102125
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/21/25 09:40	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/21/25 09:40	VX102125
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/21/25 09:40	VX102125
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/21/25 09:40	VX102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.5			81 - 118		105%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			80 - 119		94%	SPK: 50		
2037-26-5	Toluene-d8	46.4			89 - 112		93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.7			85 - 114		105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	122000								
540-36-3	1,4-Difluorobenzene	241000								
3114-55-4	Chlorobenzene-d5	248000								
3855-82-1	1,4-Dichlorobenzene-d4	127000								

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_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Quant Time: Oct 24 04:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	121915	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	240535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	89687	52.469	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.940%			
35) Dibromofluoromethane	5.367	113	77294	47.070	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.140%			
50) Toluene-d8	8.629	98	267020	46.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.780%			
62) 4-Bromofluorobenzene	11.061	95	115293	52.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.300%			

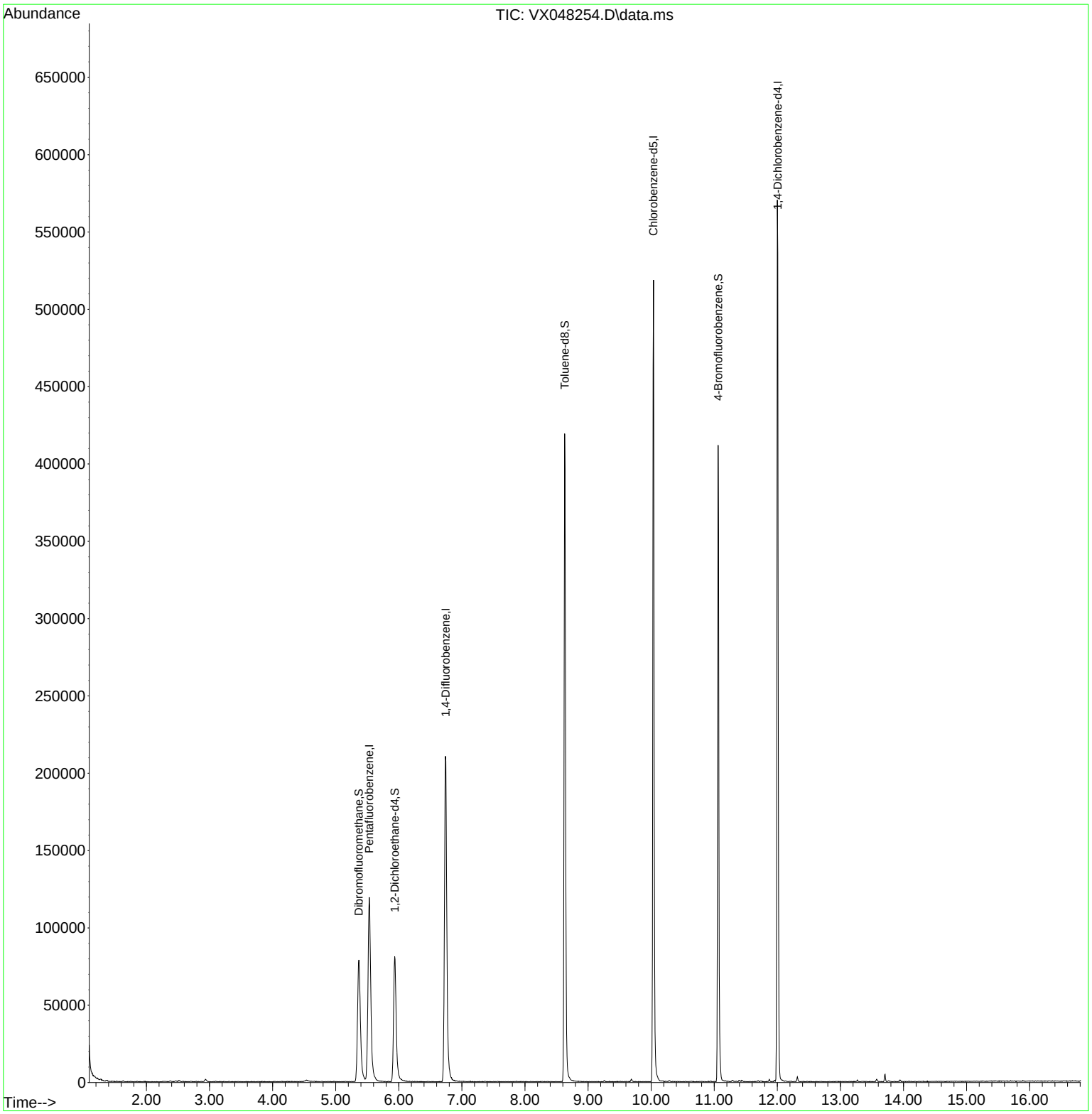
Target Compounds Qvalue

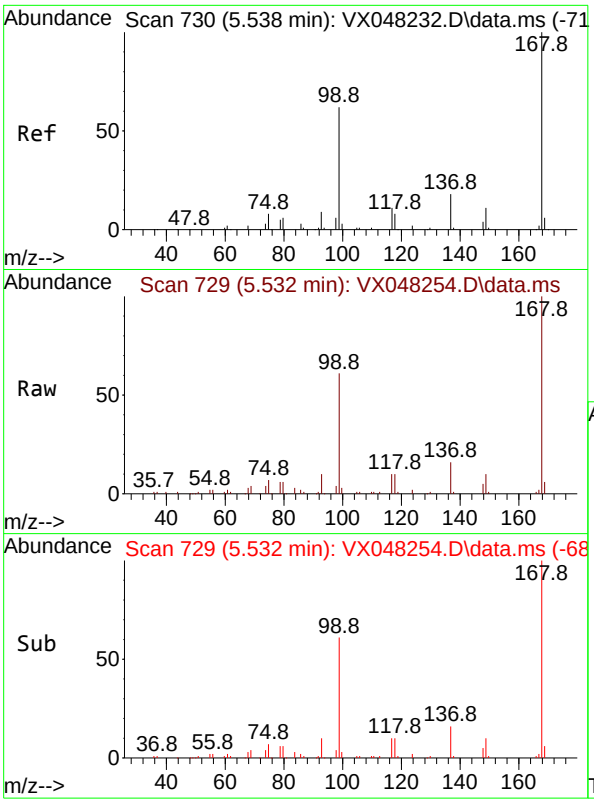
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Quant Time: Oct 24 04:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



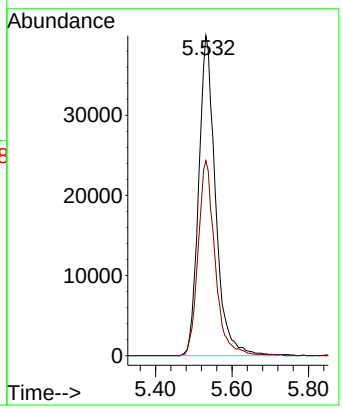


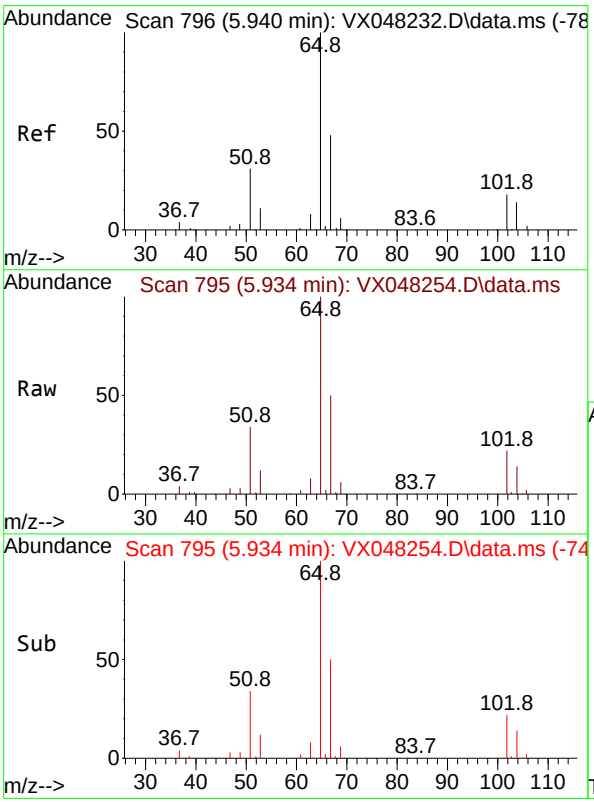
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion:168 Resp: 121915

Ion	Ratio	Lower	Upper
168	100		
99	60.9	46.4	69.6

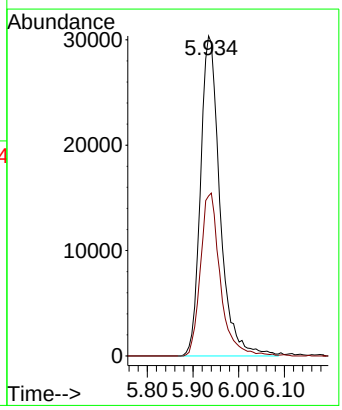


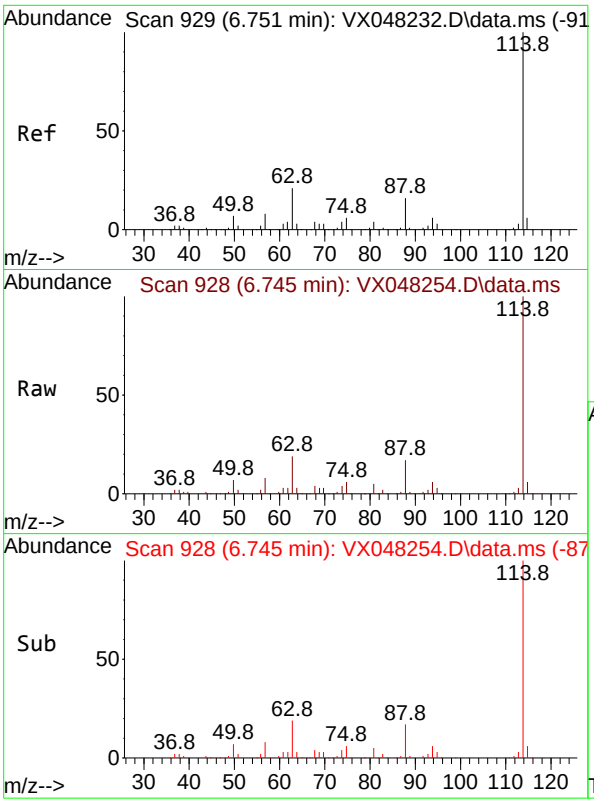


#33
1,2-Dichloroethane-d4
Concen: 52.469 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion: 65 Resp: 89687

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



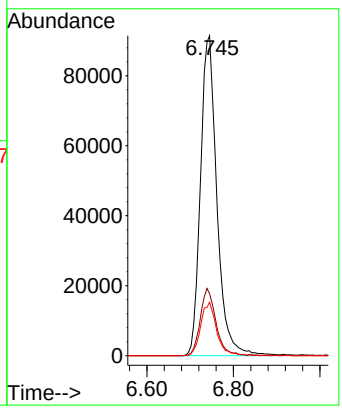


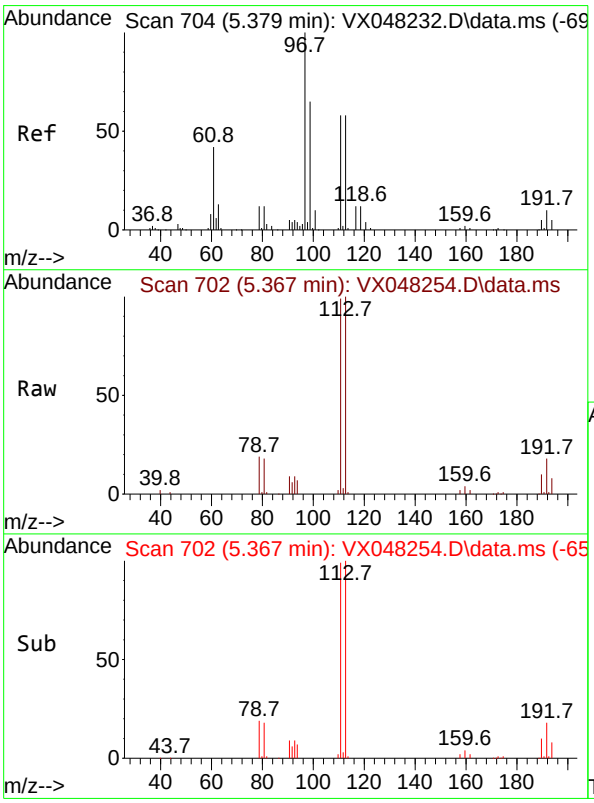
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion:114 Resp: 240535

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	16.7	0.0	33.6

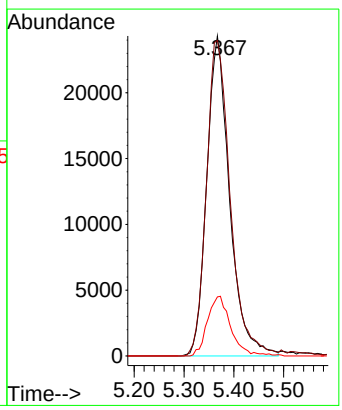


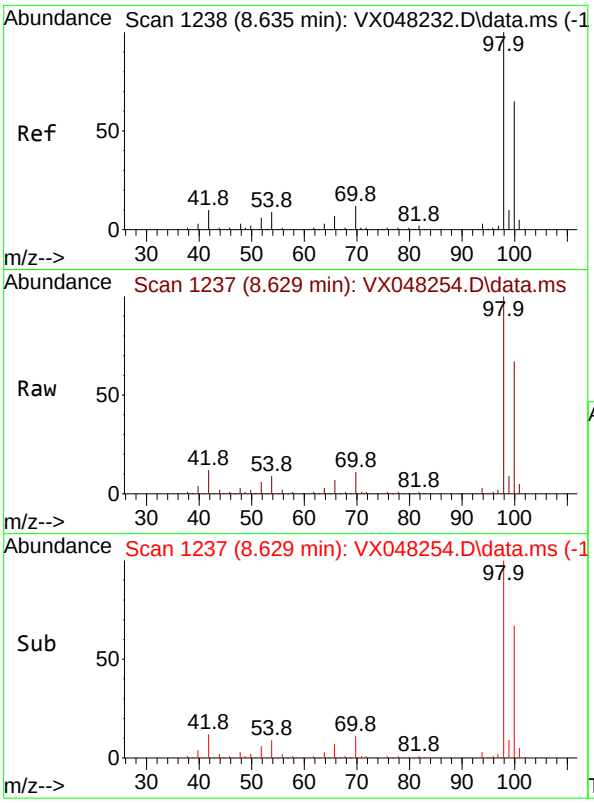


#35
Dibromofluoromethane
Concen: 47.070 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion:113 Resp: 77294

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	19.2	15.1	22.7



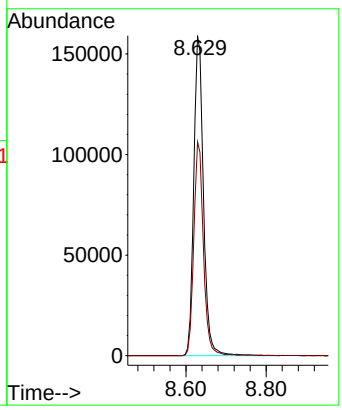


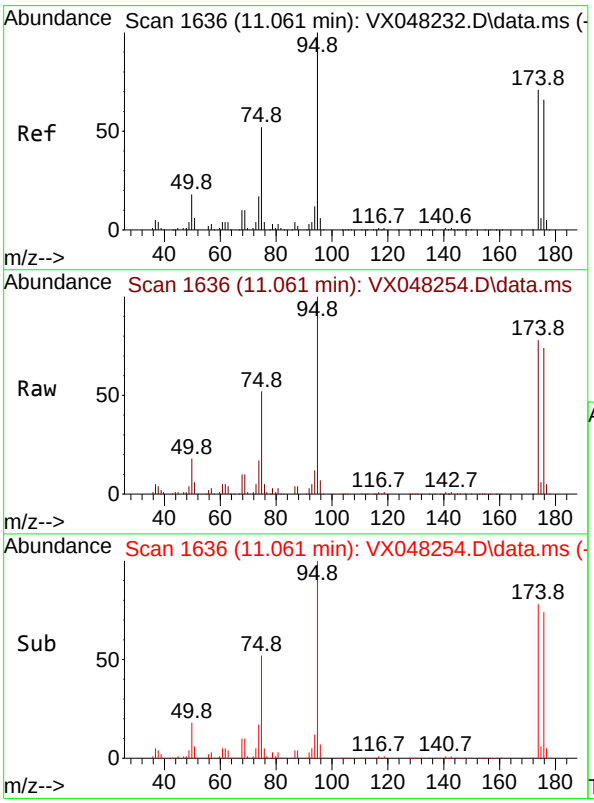
#50
Toluene-d8
Concen: 46.391 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion: 98 Resp: 267020

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

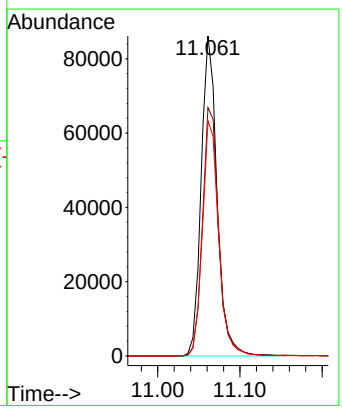


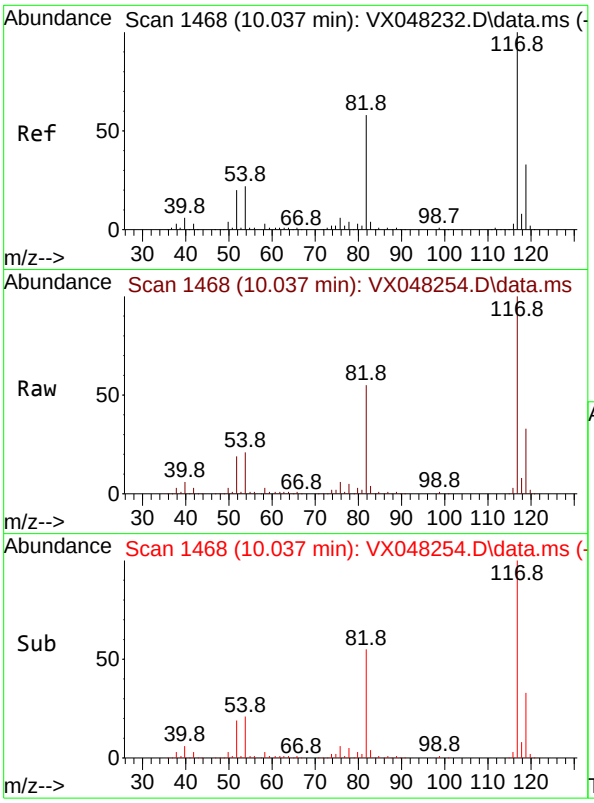


#62
4-Bromofluorobenzene
Concen: 52.653 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion: 95 Resp: 115293

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	147.8
176	75.2	0.0	142.8



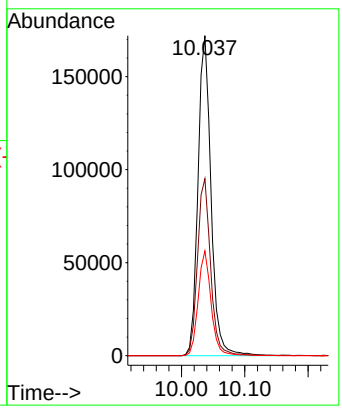


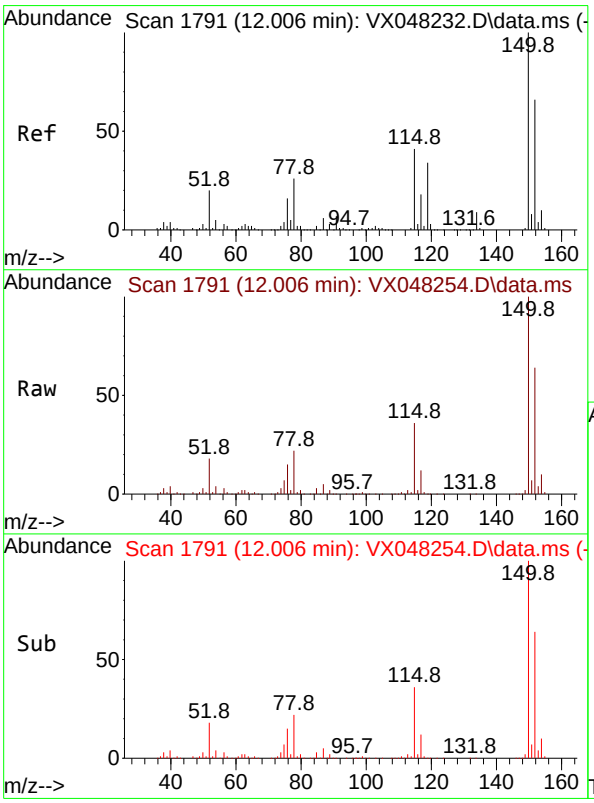
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion:117 Resp: 247603

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.5	69.7
119	32.8	25.9	38.9

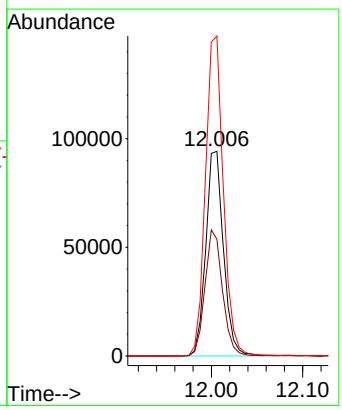




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion:152 Resp: 126551

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.1	129.4
150	158.4	0.0	353.0



Sample Results: **VX048254.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

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_X\Method\82X102025W.M
Title : SW846 8260

Signal : TIC: VX048254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	691	702	718	rBV2	78626	252593	33.18%	6.046%
2	5.532	718	729	756	rVB2	119045	368571	48.41%	8.823%
3	5.934	785	795	820	rBV	80911	237948	31.26%	5.696%
4	6.739	918	927	946	rBV	210443	552273	72.54%	13.220%
5	8.629	1231	1237	1257	rBV	418894	703255	92.38%	16.834%
6	10.037	1462	1468	1486	rBV	518402	749543	98.46%	17.942%
7	11.061	1631	1636	1649	rBV	411591	552091	72.52%	13.216%
8	12.000	1785	1790	1808	rVB	569974	761297	100.00%	18.223%

Sum of corrected areas: 4177571

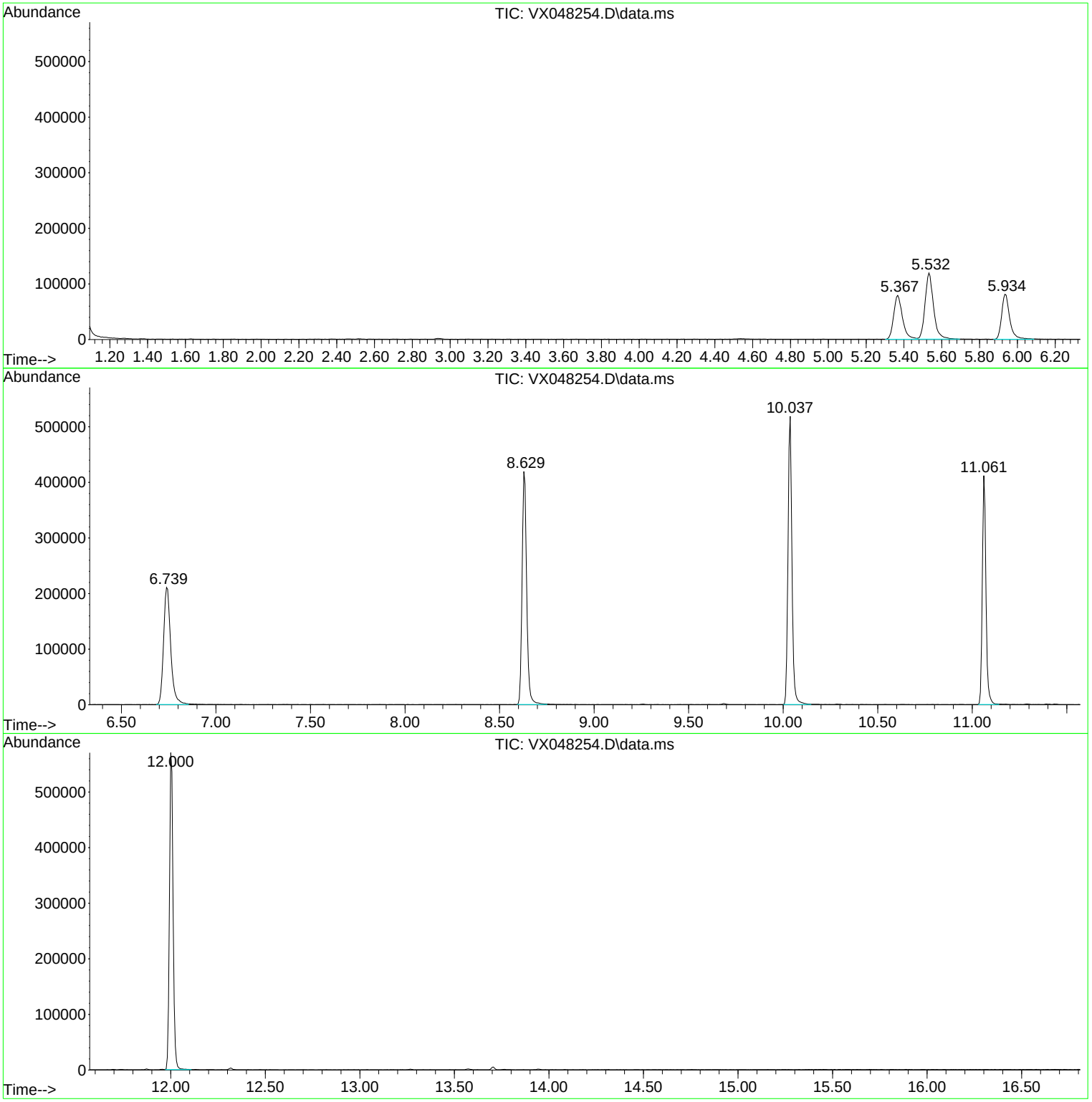
Sample Results: **VX048254.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX048254.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.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_X\Data\VX102125\
Data File : VX048254.D
Acq On : 21 Oct 2025 09:40
Operator : JC/MD
Sample : VX1021WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.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

Raw Data: **VY023560.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBL01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
74-87-3	Chloromethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-01-4	Vinyl Chloride	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
74-83-9	Bromomethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
75-00-3	Chloroethane	2.50	U	1	1.30	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-69-4	Trichlorofluoromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-35-4	1,1-Dichloroethene	2.50	U	1	1.00	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
67-64-1	Acetone	20.0	U	1	4.70	20.0	25.0	ug/Kg	10/24/25 09:24	VY102425
75-15-0	Carbon Disulfide	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
1634-04-4	Methyl tert-butyl Ether	2.50	U	1	0.73	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
79-20-9	Methyl Acetate	4.00	U	1	1.50	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
75-09-2	Methylene Chloride	8.00	U	1	3.50	8.00	10.0	ug/Kg	10/24/25 09:24	VY102425
156-60-5	trans-1,2-Dichloroethene	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-34-3	1,1-Dichloroethane	2.50	U	1	0.80	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
110-82-7	Cyclohexane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
78-93-3	2-Butanone	20.0	U	1	6.50	20.0	25.0	ug/Kg	10/24/25 09:24	VY102425
56-23-5	Carbon Tetrachloride	2.50	U	1	0.97	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
156-59-2	cis-1,2-Dichloroethene	2.50	U	1	0.75	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
74-97-5	Bromochloromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
67-66-3	Chloroform	4.00	U	1	0.84	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
71-55-6	1,1,1-Trichloroethane	2.50	U	1	0.93	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
108-87-2	Methylcyclohexane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
71-43-2	Benzene	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
107-06-2	1,2-Dichloroethane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
79-01-6	Trichloroethene	2.50	U	1	0.81	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
78-87-5	1,2-Dichloropropane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-27-4	Bromodichloromethane	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
108-10-1	4-Methyl-2-Pentanone	12.5	U	1	3.60	12.5	25.0	ug/Kg	10/24/25 09:24	VY102425
108-88-3	Toluene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
10061-02-6	t-1,3-Dichloropropene	2.50	U	1	0.65	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
10061-01-5	cis-1,3-Dichloropropene	2.50	U	1	0.62	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
79-00-5	1,1,2-Trichloroethane	2.50	U	1	0.92	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
591-78-6	2-Hexanone	12.5	U	1	3.70	12.5	25.0	ug/Kg	10/24/25 09:24	VY102425
124-48-1	Dibromochloromethane	2.50	U	1	0.87	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
106-93-4	1,2-Dibromoethane	2.50	U	1	0.88	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
127-18-4	Tetrachloroethene	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
108-90-7	Chlorobenzene	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
100-41-4	Ethyl Benzene	2.50	U	1	0.67	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
179601-23-1	m/p-Xylenes	5.00	U	1	1.20	5.00	10.0	ug/Kg	10/24/25 09:24	VY102425
95-47-6	o-Xylene	2.50	U	1	0.82	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
100-42-5	Styrene	2.50	U	1	0.71	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
75-25-2	Bromoform	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425

Raw Data: **VY023560.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBL01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1	1.20	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
541-73-1	1,3-Dichlorobenzene	2.50	U	1	1.70	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
106-46-7	1,4-Dichlorobenzene	2.50	U	1	1.60	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
95-50-1	1,2-Dichlorobenzene	2.50	U	1	1.50	2.50	5.00	ug/Kg	10/24/25 09:24	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	4.00	U	1	1.80	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	3.00	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
87-61-6	1,2,3-Trichlorobenzene	4.00	U	1	3.20	4.00	5.00	ug/Kg	10/24/25 09:24	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	44.4			71 - 136		89%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.7			78 - 119		97%	SPK: 50		
2037-26-5	Toluene-d8	47.7			85 - 116		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	40.6			79 - 119		81%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	899000								
540-36-3	1,4-Difluorobenzene	1420000								
3114-55-4	Chlorobenzene-d5	1160000								
3855-82-1	1,4-Dichlorobenzene-d4	469000								

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\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Quant Time: Oct 24 23:46:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

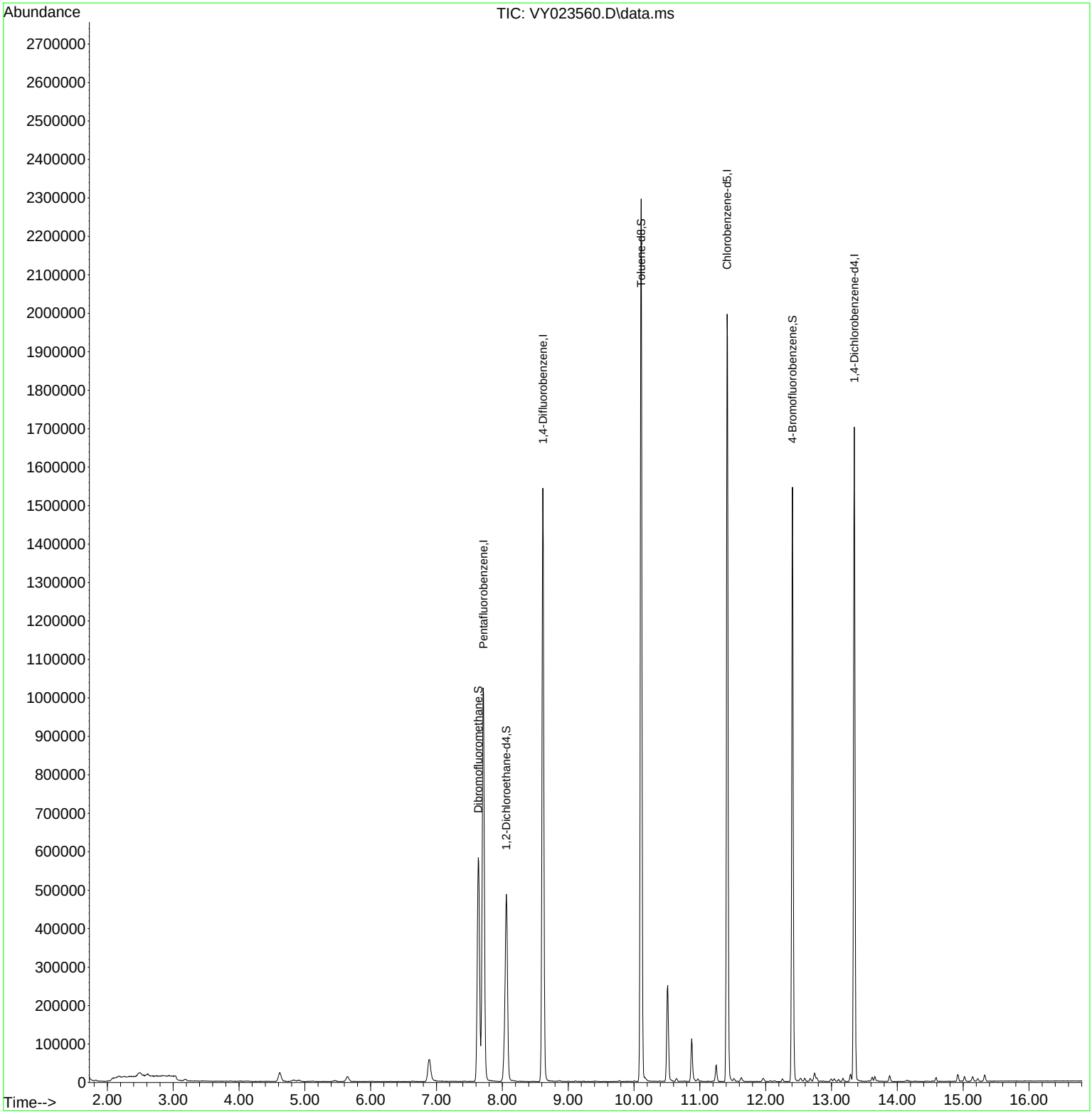
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	898566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1421897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1164716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	469443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333317	44.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.720%		
35) Dibromofluoromethane	7.634	113	425849	48.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.480%		
50) Toluene-d8	10.109	98	1553516	47.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.408	95	436342	40.620	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.240%		
Target Compounds						Qvalue

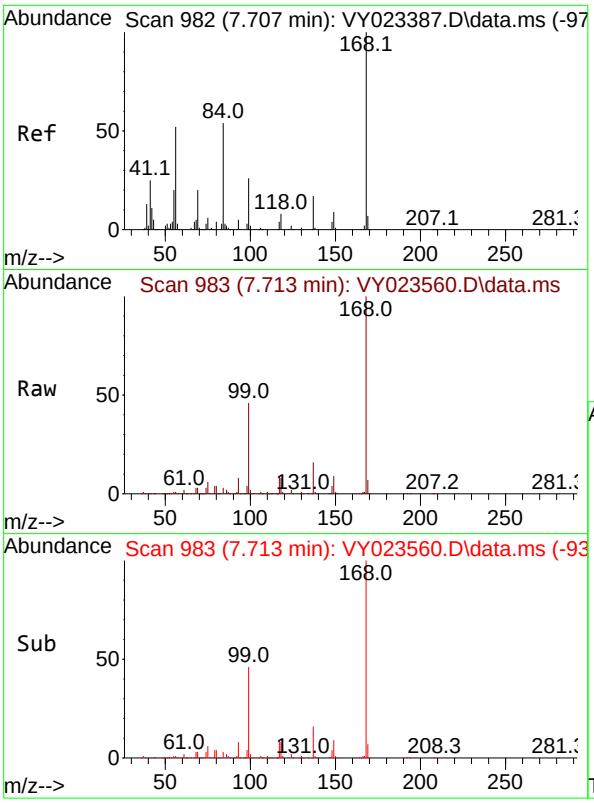
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Quant Time: Oct 24 23:46:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



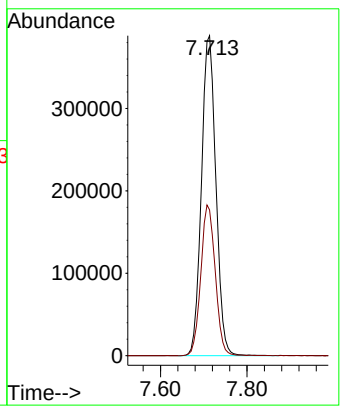


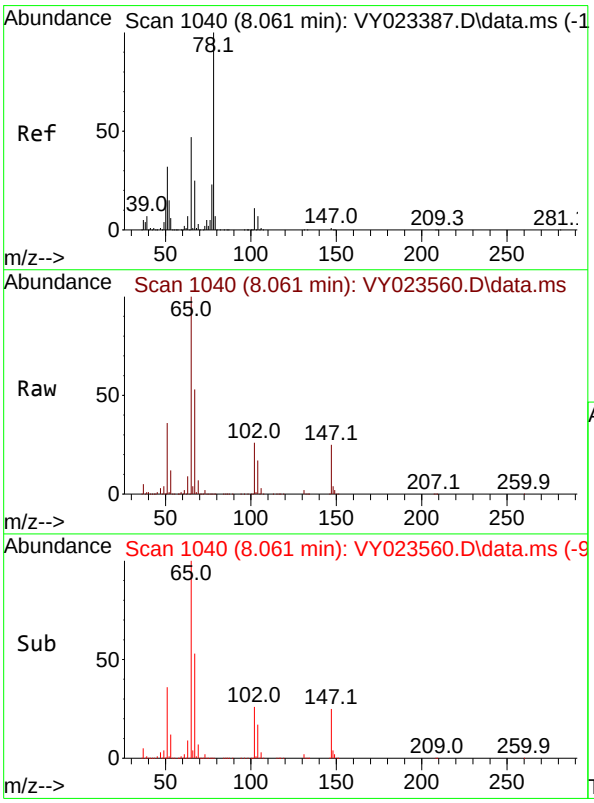
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:168 Resp: 898566

Ion	Ratio	Lower	Upper
168	100		
99	45.5	39.7	59.5

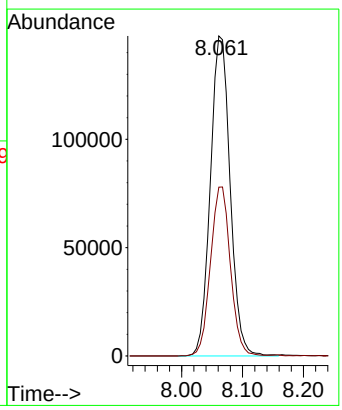


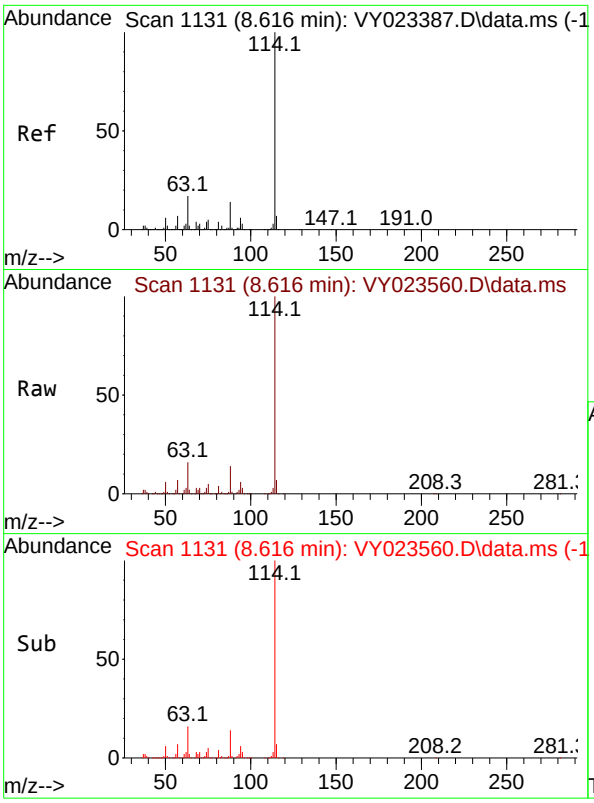


#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion: 65 Resp: 333317

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8



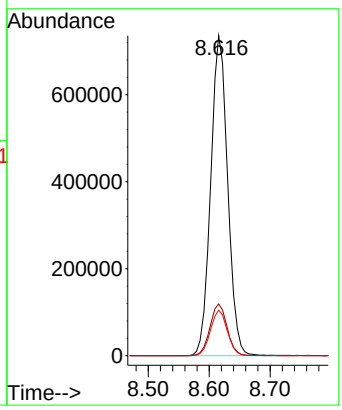


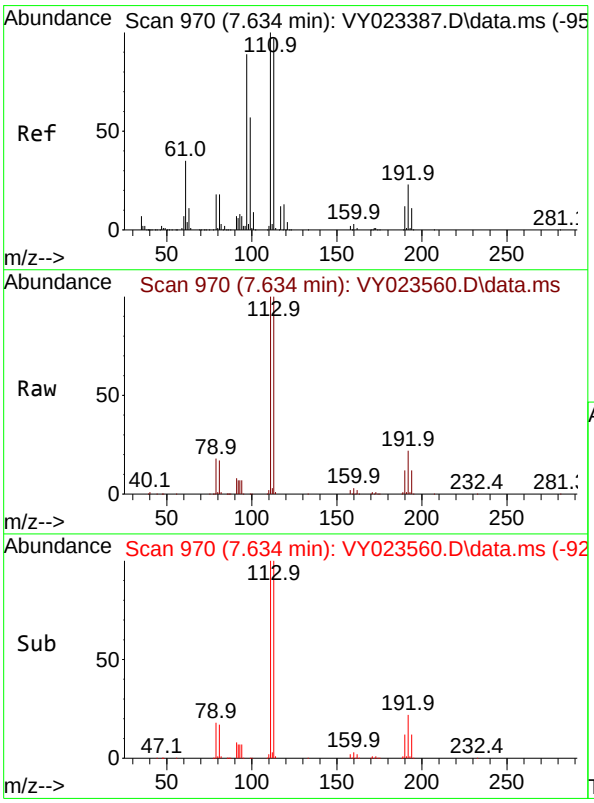
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:114 Resp: 1421897

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	34.2
88	14.2	0.0	28.4

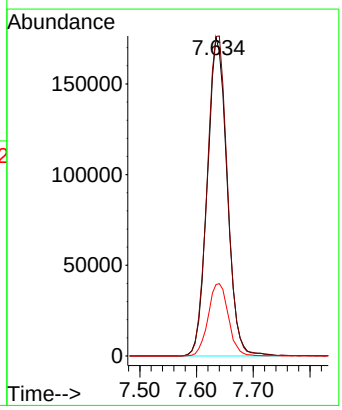


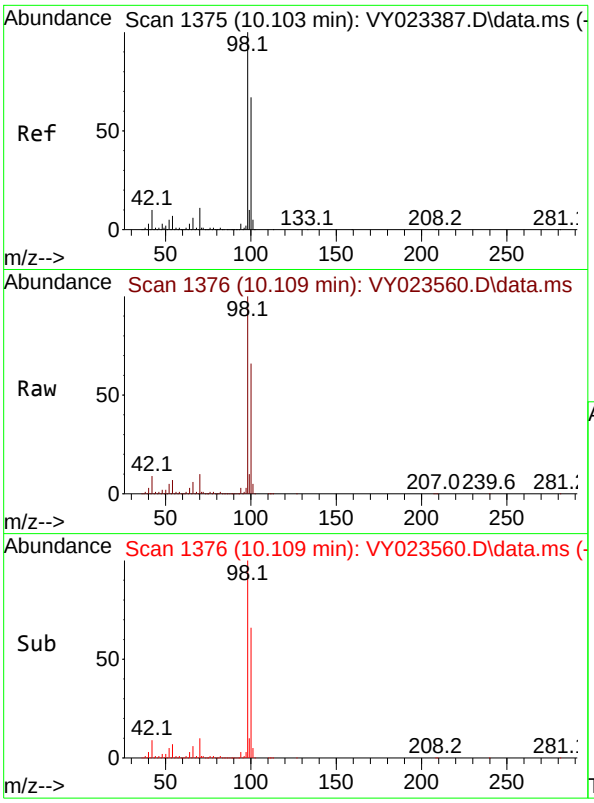


#35
Dibromofluoromethane
Concen: 48.742 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion:113 Resp: 425849

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	23.1	18.0	27.0



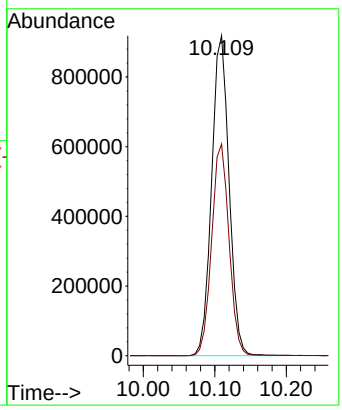


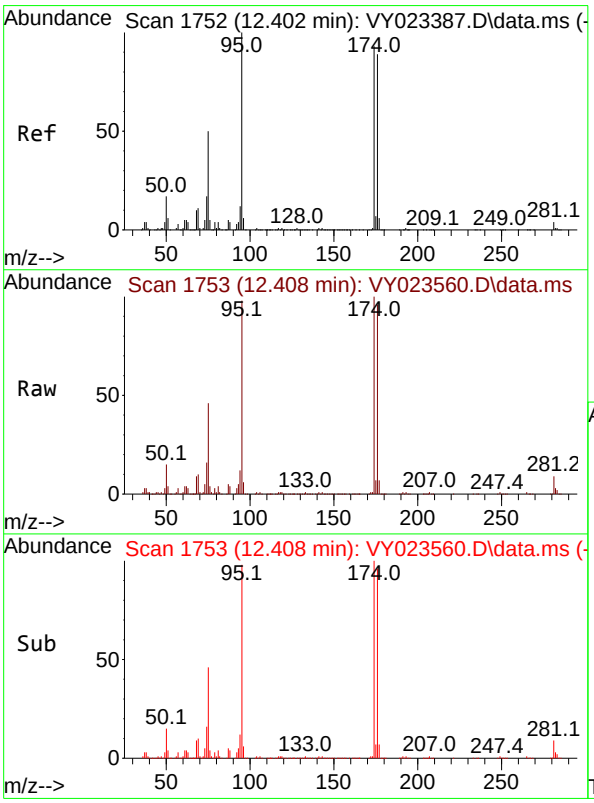
#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion: 98 Resp: 1553516

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

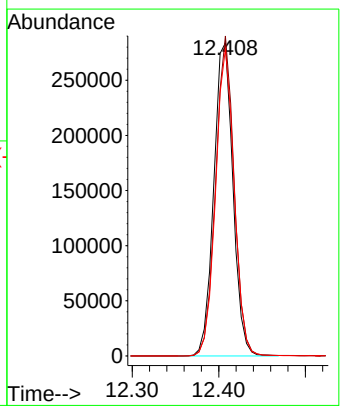


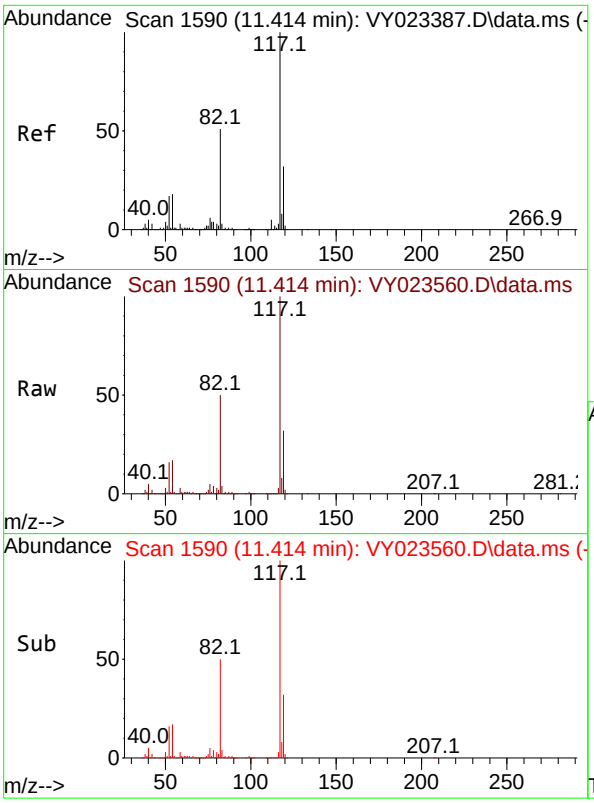


#62
4-Bromofluorobenzene
Concen: 40.620 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion: 95 Resp: 436342

Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	192.8
176	95.5	0.0	187.6



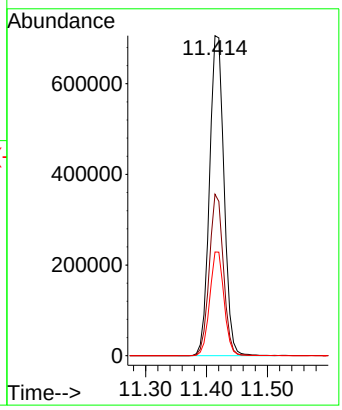


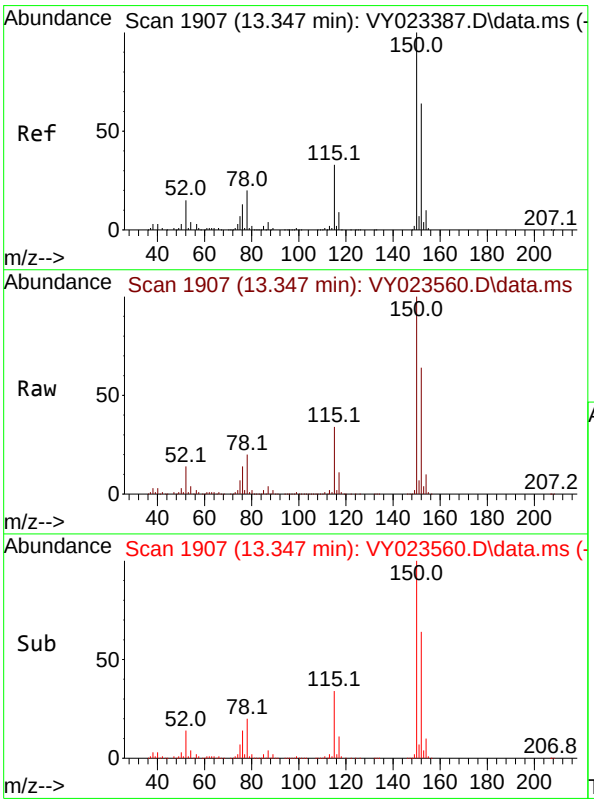
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:117 Resp: 1164716

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.4
119	32.4	25.6	38.4

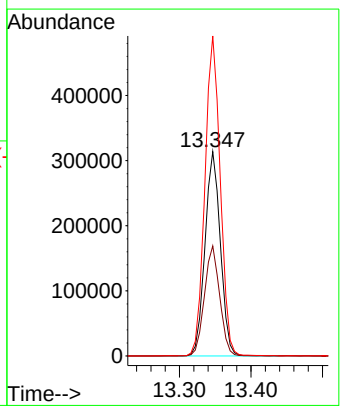




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023560.D
Acq: 24 Oct 2025 09:24

Tgt Ion:152 Resp: 469443

Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.1	81.2
150	155.8	0.0	347.4



Sample Results: **VY023560.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.622	465	476	484	rBV	23500	73265	1.87%	0.343%
2	6.890	836	848	860	rBV2	57489	192184	4.91%	0.899%
3	7.634	958	970	976	rBV	582068	1409766	36.01%	6.595%
4	7.707	976	982	999	rVB	1021907	2379711	60.78%	11.132%
5	8.061	1025	1040	1053	rBV2	487402	1304536	33.32%	6.103%
6	8.616	1121	1131	1144	rBV	1543129	3000570	76.64%	14.037%
7	10.109	1367	1376	1384	rBV	2295340	3915079	100.00%	18.315%
8	10.512	1434	1442	1457	rVB	250078	477374	12.19%	2.233%
9	10.877	1495	1502	1511	rBV	112004	193115	4.93%	0.903%
10	11.249	1557	1563	1572	rVB	42891	75455	1.93%	0.353%
11	11.414	1582	1590	1603	rBV	1995280	3266102	83.42%	15.279%
12	12.408	1745	1753	1766	rBV2	1545769	2453272	62.66%	11.477%
13	12.743	1802	1808	1812	rBV4	20819	41230	1.05%	0.193%
14	13.347	1901	1907	1922	rVB	1700901	2594749	66.28%	12.138%

Sum of corrected areas: 21376408

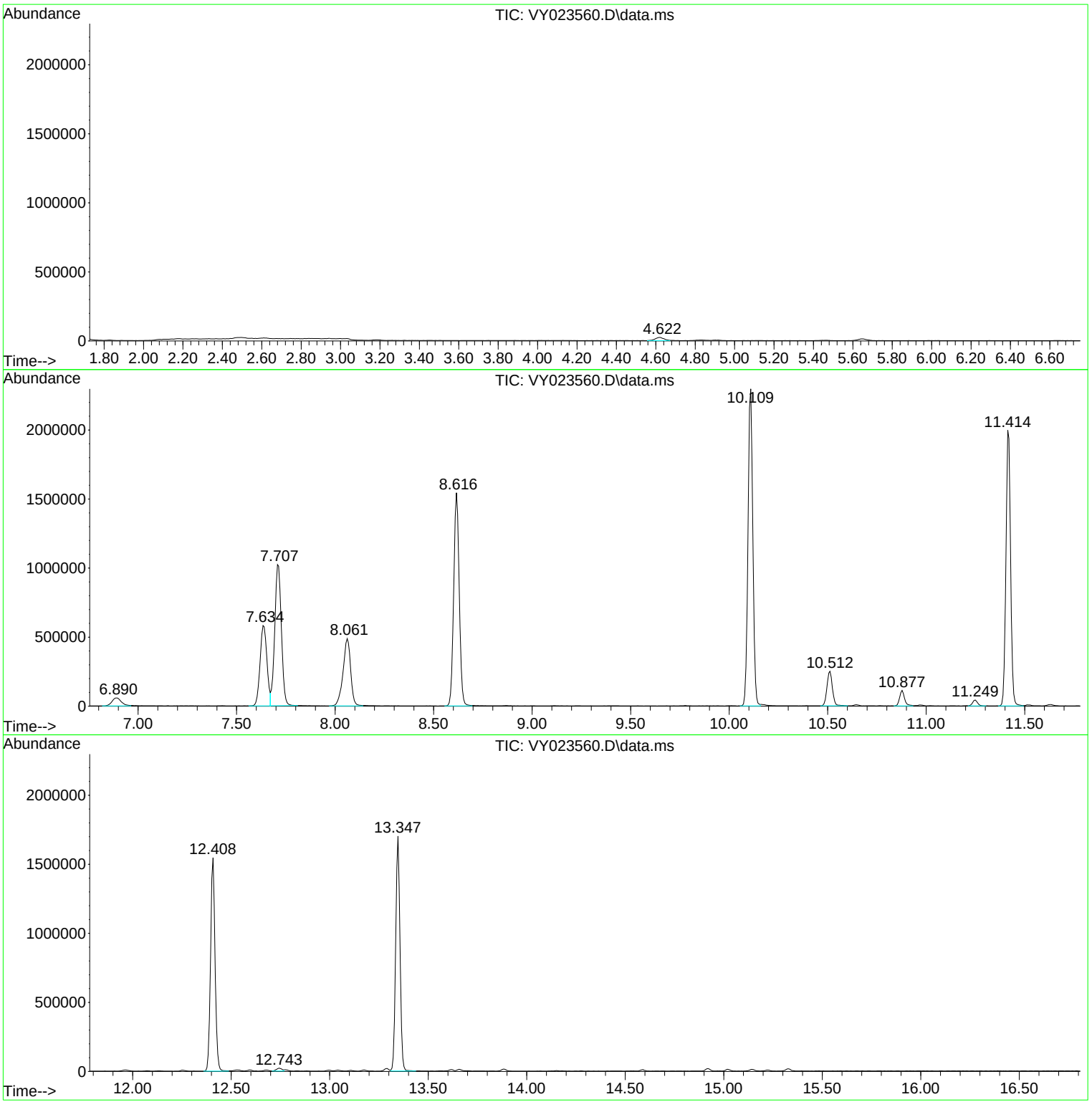
Sample Results: **VY023560.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY023560.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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\VY102425\
Data File : VY023560.D
Acq On : 24 Oct 2025 09:24
Operator : SY/MD
Sample : VY1024SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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

Raw Data: **VX048255.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBS01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	16.8		1	0.22	0.50	1.00	ug/L	10/21/25 10:06	VX102125
74-87-3	Chloromethane	17.8		1	0.32	0.50	1.00	ug/L	10/21/25 10:06	VX102125
75-01-4	Vinyl Chloride	17.6		1	0.26	0.75	1.00	ug/L	10/21/25 10:06	VX102125
74-83-9	Bromomethane	19.3		1	1.40	3.80	5.00	ug/L	10/21/25 10:06	VX102125
75-00-3	Chloroethane	18.9		1	0.47	0.75	1.00	ug/L	10/21/25 10:06	VX102125
75-69-4	Trichlorofluoromethane	17.7		1	0.33	0.50	1.00	ug/L	10/21/25 10:06	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.6		1	0.25	0.50	1.00	ug/L	10/21/25 10:06	VX102125
75-35-4	1,1-Dichloroethene	18.0		1	0.23	0.75	1.00	ug/L	10/21/25 10:06	VX102125
67-64-1	Acetone	82.3		1	1.50	3.80	5.00	ug/L	10/21/25 10:06	VX102125
75-15-0	Carbon Disulfide	16.6		1	0.21	0.75	1.00	ug/L	10/21/25 10:06	VX102125
1634-04-4	Methyl tert-butyl Ether	17.6		1	0.16	0.50	1.00	ug/L	10/21/25 10:06	VX102125
79-20-9	Methyl Acetate	17.5		1	0.27	0.75	1.00	ug/L	10/21/25 10:06	VX102125
75-09-2	Methylene Chloride	19.1		1	0.28	0.50	1.00	ug/L	10/21/25 10:06	VX102125
156-60-5	trans-1,2-Dichloroethene	17.9		1	0.23	0.50	1.00	ug/L	10/21/25 10:06	VX102125
75-34-3	1,1-Dichloroethane	18.4		1	0.23	0.50	1.00	ug/L	10/21/25 10:06	VX102125
110-82-7	Cyclohexane	19.2		1	1.50	2.50	5.00	ug/L	10/21/25 10:06	VX102125
78-93-3	2-Butanone	85.2		1	0.98	2.50	5.00	ug/L	10/21/25 10:06	VX102125
56-23-5	Carbon Tetrachloride	17.0		1	0.25	0.50	1.00	ug/L	10/21/25 10:06	VX102125
156-59-2	cis-1,2-Dichloroethene	18.9		1	0.19	0.75	1.00	ug/L	10/21/25 10:06	VX102125
74-97-5	Bromochloromethane	21.6		1	0.22	0.50	1.00	ug/L	10/21/25 10:06	VX102125
67-66-3	Chloroform	18.8		1	0.25	0.50	1.00	ug/L	10/21/25 10:06	VX102125
71-55-6	1,1,1-Trichloroethane	18.1		1	0.20	0.50	1.00	ug/L	10/21/25 10:06	VX102125
108-87-2	Methylcyclohexane	17.0		1	0.16	0.50	1.00	ug/L	10/21/25 10:06	VX102125
71-43-2	Benzene	18.5		1	0.15	0.50	1.00	ug/L	10/21/25 10:06	VX102125
107-06-2	1,2-Dichloroethane	19.1		1	0.22	0.50	1.00	ug/L	10/21/25 10:06	VX102125
79-01-6	Trichloroethene	18.1		1	0.090	0.75	1.00	ug/L	10/21/25 10:06	VX102125
78-87-5	1,2-Dichloropropane	19.3		1	0.20	0.50	1.00	ug/L	10/21/25 10:06	VX102125
75-27-4	Bromodichloromethane	18.6		1	0.22	0.50	1.00	ug/L	10/21/25 10:06	VX102125
108-10-1	4-Methyl-2-Pentanone	86.9		1	0.68	2.50	5.00	ug/L	10/21/25 10:06	VX102125
108-88-3	Toluene	18.8		1	0.14	0.50	1.00	ug/L	10/21/25 10:06	VX102125
10061-02-6	t-1,3-Dichloropropene	18.4		1	0.17	0.50	1.00	ug/L	10/21/25 10:06	VX102125
10061-01-5	cis-1,3-Dichloropropene	18.8		1	0.16	0.50	1.00	ug/L	10/21/25 10:06	VX102125
79-00-5	1,1,2-Trichloroethane	19.1		1	0.21	0.50	1.00	ug/L	10/21/25 10:06	VX102125
591-78-6	2-Hexanone	85.9		1	0.89	2.50	5.00	ug/L	10/21/25 10:06	VX102125
124-48-1	Dibromochloromethane	18.1		1	0.18	0.50	1.00	ug/L	10/21/25 10:06	VX102125
106-93-4	1,2-Dibromoethane	18.6		1	0.15	0.50	1.00	ug/L	10/21/25 10:06	VX102125
127-18-4	Tetrachloroethene	16.9		1	0.23	0.50	1.00	ug/L	10/21/25 10:06	VX102125
108-90-7	Chlorobenzene	18.0		1	0.12	0.50	1.00	ug/L	10/21/25 10:06	VX102125
100-41-4	Ethyl Benzene	17.8		1	0.13	0.50	1.00	ug/L	10/21/25 10:06	VX102125
179601-23-1	m/p-Xylenes	36.8		1	0.24	1.00	2.00	ug/L	10/21/25 10:06	VX102125
95-47-6	o-Xylene	18.1		1	0.12	0.50	1.00	ug/L	10/21/25 10:06	VX102125
100-42-5	Styrene	18.8		1	0.15	0.50	1.00	ug/L	10/21/25 10:06	VX102125
75-25-2	Bromoform	17.0		1	0.19	0.50	1.00	ug/L	10/21/25 10:06	VX102125

Raw Data: **VX048255.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBS01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.1		1	0.12	0.50	1.00	ug/L	10/21/25 10:06	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1	0.26	0.50	1.00	ug/L	10/21/25 10:06	VX102125
541-73-1	1,3-Dichlorobenzene	17.2		1	0.16	0.50	1.00	ug/L	10/21/25 10:06	VX102125
106-46-7	1,4-Dichlorobenzene	16.6		1	0.19	0.50	1.00	ug/L	10/21/25 10:06	VX102125
95-50-1	1,2-Dichlorobenzene	17.2		1	0.16	0.50	1.00	ug/L	10/21/25 10:06	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1	0.53	0.75	1.00	ug/L	10/21/25 10:06	VX102125
120-82-1	1,2,4-Trichlorobenzene	15.2		1	0.20	0.50	1.00	ug/L	10/21/25 10:06	VX102125
87-61-6	1,2,3-Trichlorobenzene	15.5		1	0.20	0.75	1.00	ug/L	10/21/25 10:06	VX102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.2			81 - 118		98%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.3			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	47.8			89 - 112		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.7			85 - 114		99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	141000								
540-36-3	1,4-Difluorobenzene	230000								
3114-55-4	Chlorobenzene-d5	212000								
3855-82-1	1,4-Dichlorobenzene-d4	111000								

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

Sample Results: **VX048255.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	141199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	230109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	97363	49.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.360%			
35) Dibromofluoromethane	5.367	113	77378	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.628	98	263067	47.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.560%			
62) 4-Bromofluorobenzene	11.061	95	104113	49.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	24401	16.810	ug/l	98
3) Chloromethane	1.300	50	24074	17.768	ug/l	98
4) Vinyl Chloride	1.380	62	22127	17.636	ug/l	98
5) Bromomethane	1.617	94	16447	19.316	ug/l	99
6) Chloroethane	1.697	64	13922	18.884	ug/l	91
7) Trichlorofluoromethane	1.898	101	42595	17.702	ug/l	99
8) Diethyl Ether	2.136	74	12470	18.418	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	26749	17.555	ug/l	96
10) Methyl Iodide	2.453	142	32960	17.207	ug/l	100
11) Tert butyl alcohol	2.940	59	13580	69.088	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	26679	17.997	ug/l	89
13) Acrolein	2.233	56	19860	99.067	ug/l	99
14) Allyl chloride	2.666	41	43917	17.844	ug/l	97
15) Acrylonitrile	3.056	53	59914	84.532	ug/l	99
16) Acetone	2.373	43	55899	82.307	ug/l	97
17) Carbon Disulfide	2.514	76	77662	16.623	ug/l	97
18) Methyl Acetate	2.696	43	24826	17.503	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	89211	17.640	ug/l	95
20) Methylene Chloride	2.788	84	31545	19.062	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	29134	17.892	ug/l	97
22) Diisopropyl ether	3.745	45	95604	19.476	ug/l	91
23) Vinyl Acetate	3.708	43	367608	93.748	ug/l	97
24) 1,1-Dichloroethane	3.605	63	54562	18.382	ug/l	98
25) 2-Butanone	4.538	43	73253	85.214	ug/l	100
26) 2,2-Dichloropropane	4.464	77	47833	17.854	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	35928	18.906	ug/l	98
28) Bromochloromethane	4.879	49	26532	21.558	ug/l	88
29) Tetrahydrofuran	4.983	42	43984	85.433	ug/l	97
30) Chloroform	5.074	83	59628	18.803	ug/l	98
31) Cyclohexane	5.452	56	47112	19.171	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	52848	18.082	ug/l	98
36) 1,1-Dichloropropene	5.678	75	40242	18.023	ug/l	100
37) Ethyl Acetate	4.690	43	32251	17.426	ug/l	98
38) Carbon Tetrachloride	5.665	117	46896	17.024	ug/l	98
39) Methylcyclohexane	7.360	83	44764	16.976	ug/l	95
40) Benzene	6.019	78	120185	18.540	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	17591	18.099	ug/l		97
42) 1,2-Dichloroethane	6.062	62	45577	19.053	ug/l		99
43) Isopropyl Acetate	6.318	43	52903	17.402	ug/l		96
44) Trichloroethene	7.110	130	30995	18.107	ug/l		99
45) 1,2-Dichloropropane	7.415	63	29673	19.252	ug/l		95
46) Dibromomethane	7.567	93	22037	18.352	ug/l		94
47) Bromodichloromethane	7.799	83	48240	18.606	ug/l		99
48) Methyl methacrylate	7.677	41	26320	17.158	ug/l		94
49) 1,4-Dioxane	7.647	88	5926	292.405	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.555	43	152275	86.877	ug/l		96
52) Toluene	8.701	92	77240	18.755	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	46020	18.419	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	50705	18.810	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	29313	19.140	ug/l		98
56) Ethyl methacrylate	9.098	69	39990	17.852	ug/l		93
57) 1,3-Dichloropropane	9.293	76	50123	19.160	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	98096	82.586	ug/l		96
59) 2-Hexanone	9.415	43	104997	85.909	ug/l		96
60) Dibromochloromethane	9.500	129	37288	18.114	ug/l		99
61) 1,2-Dibromoethane	9.592	107	30294	18.554	ug/l		98
64) Tetrachloroethene	9.256	164	26804	16.909	ug/l		99
65) Chlorobenzene	10.061	112	85855	17.974	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	30819	17.566	ug/l		98
67) Ethyl Benzene	10.177	91	144956	17.824	ug/l		98
68) m/p-Xylenes	10.287	106	111086	36.763	ug/l		99
69) o-Xylene	10.622	106	52686	18.060	ug/l		97
70) Styrene	10.634	104	93575	18.838	ug/l		99
71) Bromoform	10.780	173	23770	16.952	ug/l	#	99
73) Isopropylbenzene	10.945	105	138728	17.144	ug/l		100
74) N-amyl acetate	10.823	43	46339	16.144	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38121	17.251	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	33965m	18.905	ug/l		
77) Bromobenzene	11.177	156	34669	17.087	ug/l		94
78) n-propylbenzene	11.286	91	161765	17.266	ug/l		98
79) 2-Chlorotoluene	11.347	91	98234	17.293	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	114762	17.137	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12207	16.530	ug/l		96
82) 4-Chlorotoluene	11.433	91	115993	17.202	ug/l		97
83) tert-Butylbenzene	11.695	119	117710	17.108	ug/l		95
84) 1,2,4-Trimethylbenzene	11.731	105	114927	17.197	ug/l		100
85) sec-Butylbenzene	11.872	105	138342	16.712	ug/l		99
86) p-Isopropyltoluene	11.987	119	119237	16.665	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	65615	17.154	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65796	16.604	ug/l		98
89) n-Butylbenzene	12.317	91	103383	15.875	ug/l		99
90) Hexachloroethane	12.518	117	22360	15.825	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	61839	17.219	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	6372	14.205	ug/l		96
93) 1,2,4-Trichlorobenzene	13.566	180	36955	15.216	ug/l		98
94) Hexachlorobutadiene	13.707	225	14253	15.707	ug/l		97
95) Naphthalene	13.755	128	98736	15.345	ug/l		100
96) 1,2,3-Trichlorobenzene	13.944	180	34440	15.454	ug/l		97

Sample Results: **VX048255.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations APPROVED

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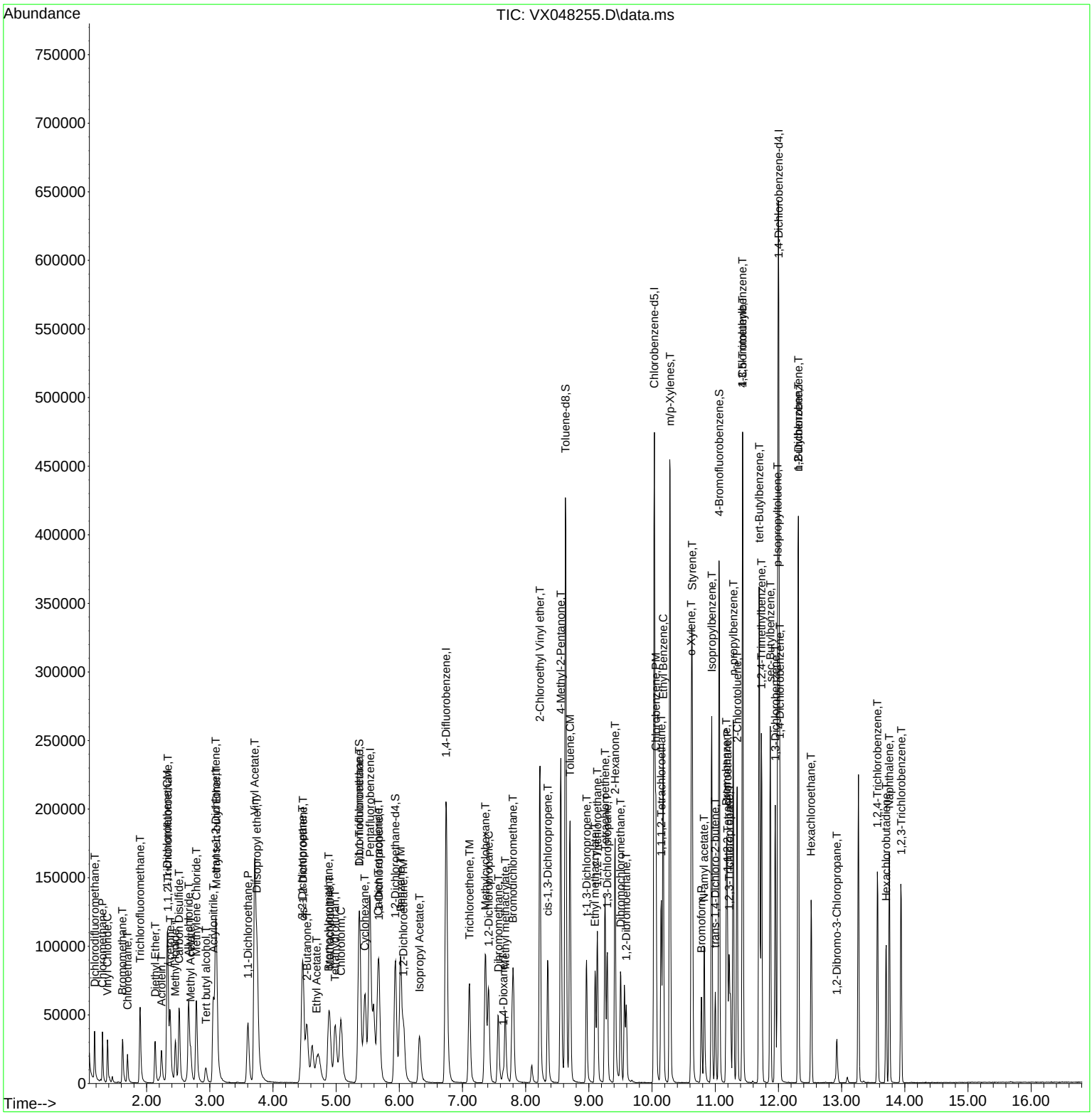
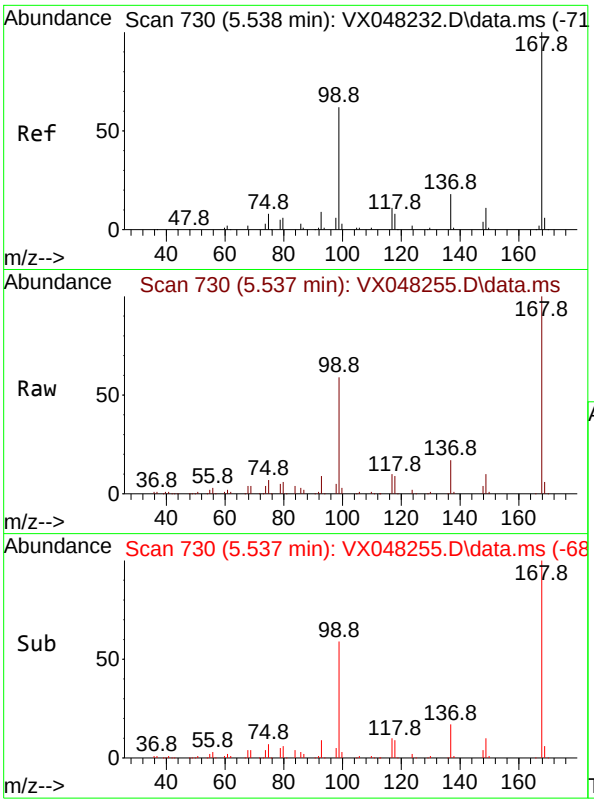
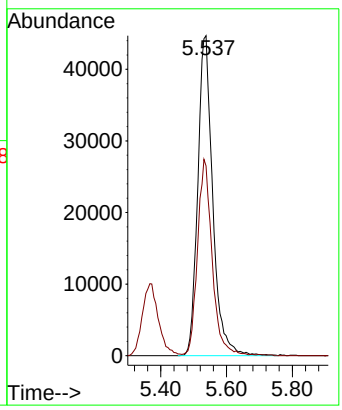




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:168 Resp: 14119

Ion	Ratio	Lower	Upper
168	100		
99	59.3	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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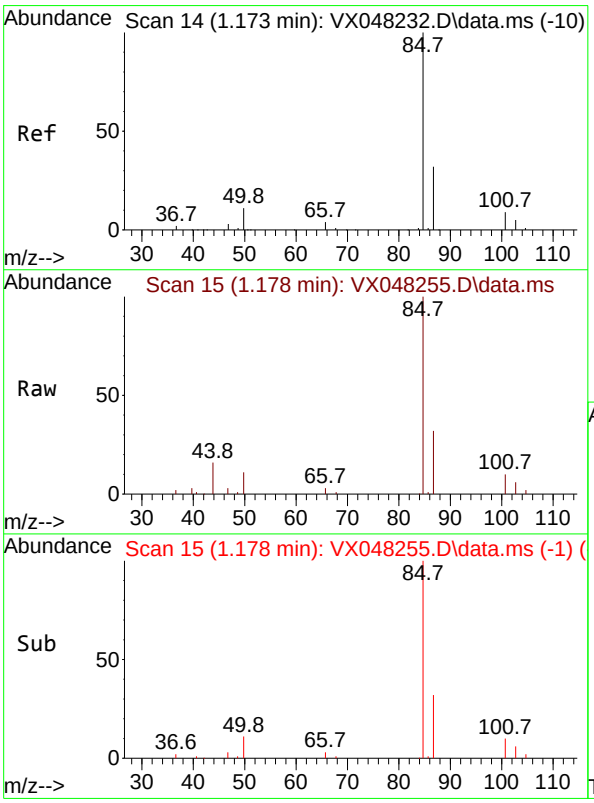
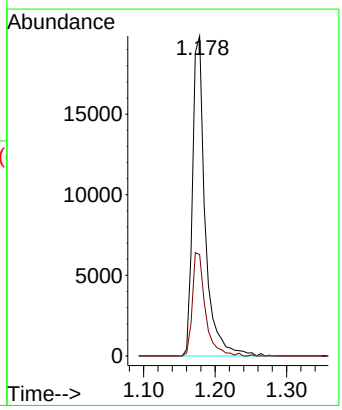
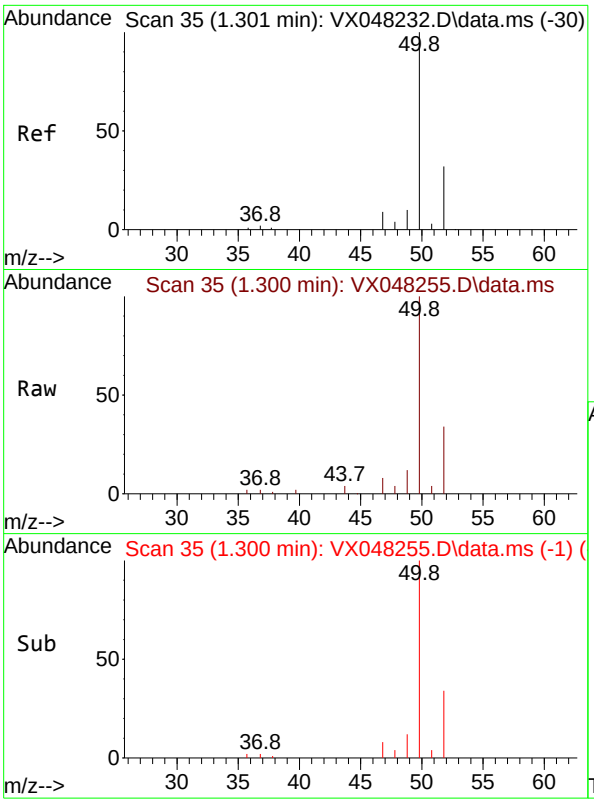


#2
Dichlorodifluoromethane
Concen: 16.810 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 85 Resp: 24401

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9

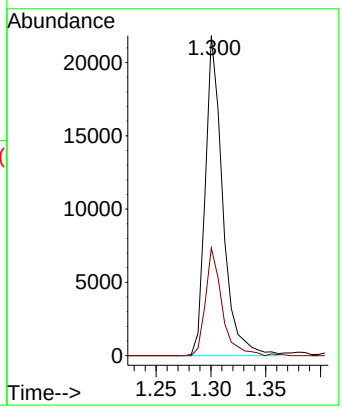




#3
Chloromethane
Concen: 17.768 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 50 Resp: 2407

Ion	Ratio	Lower	Upper
50	100		
52	33.7	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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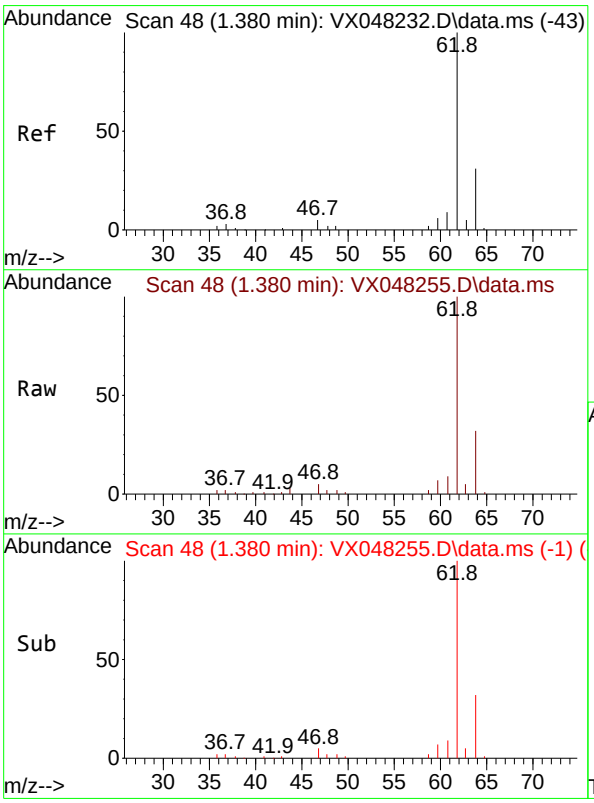
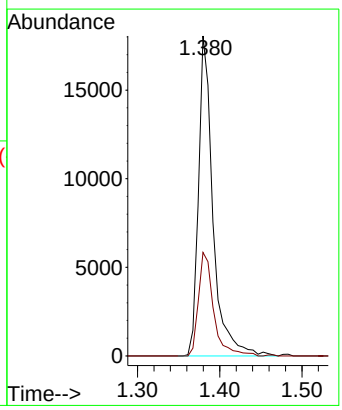
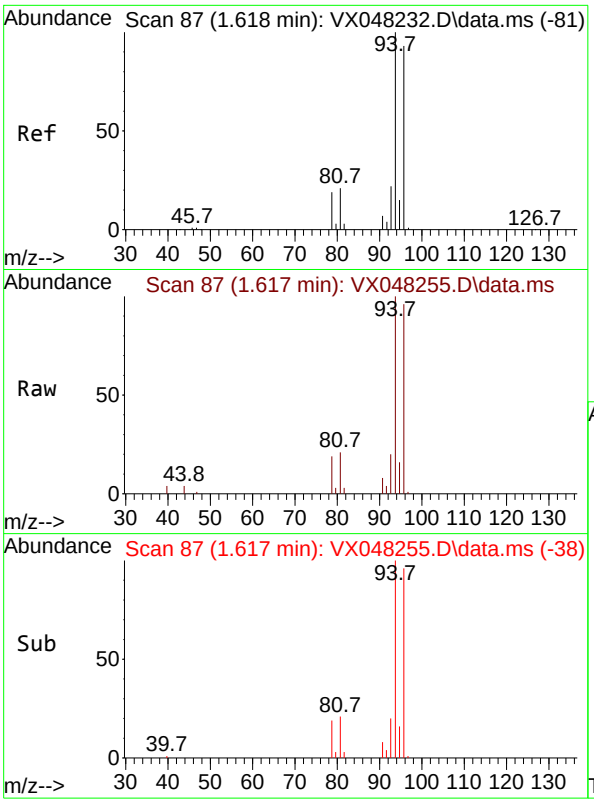


#4
Vinyl Chloride
Concen: 17.636 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 22127

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.1	37.7

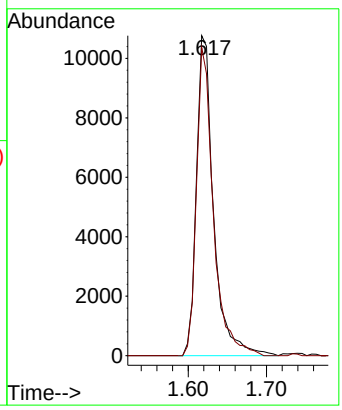




#5
Bromomethane
Concen: 19.316 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 94 Resp: 1644

Ion	Ratio	Lower	Upper
94	100		
96	96.3	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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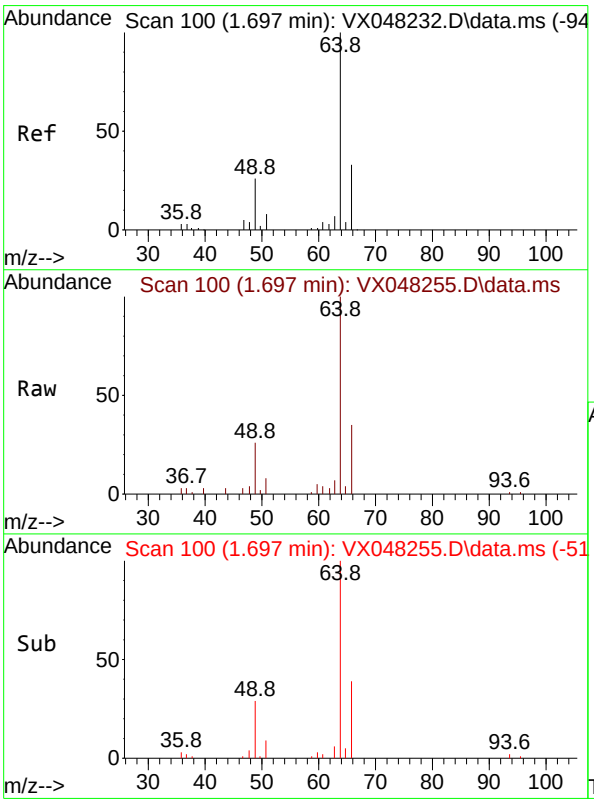
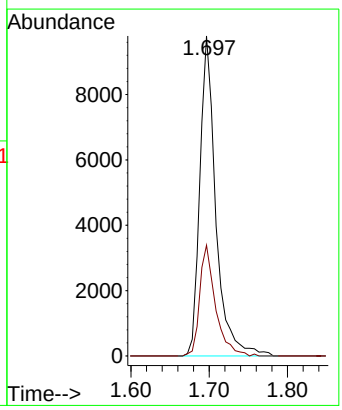
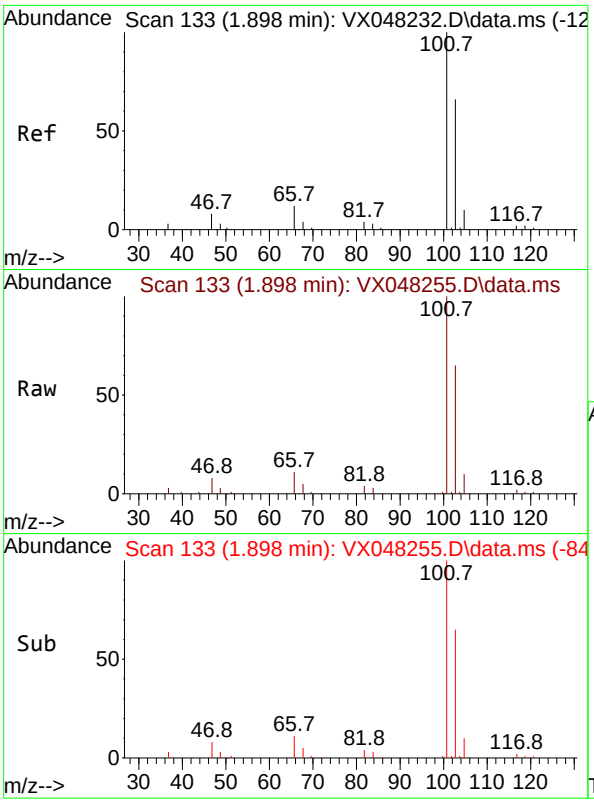


#6
Chloroethane
Concen: 18.884 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 64 Resp: 13922

Ion	Ratio	Lower	Upper
64	100		
66	34.6	23.9	35.9

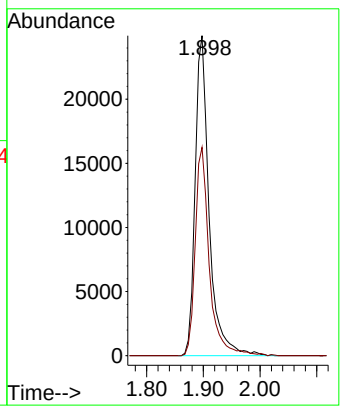




#7
Trichlorofluoromethane
Concen: 17.702 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:101 Resp: 4259

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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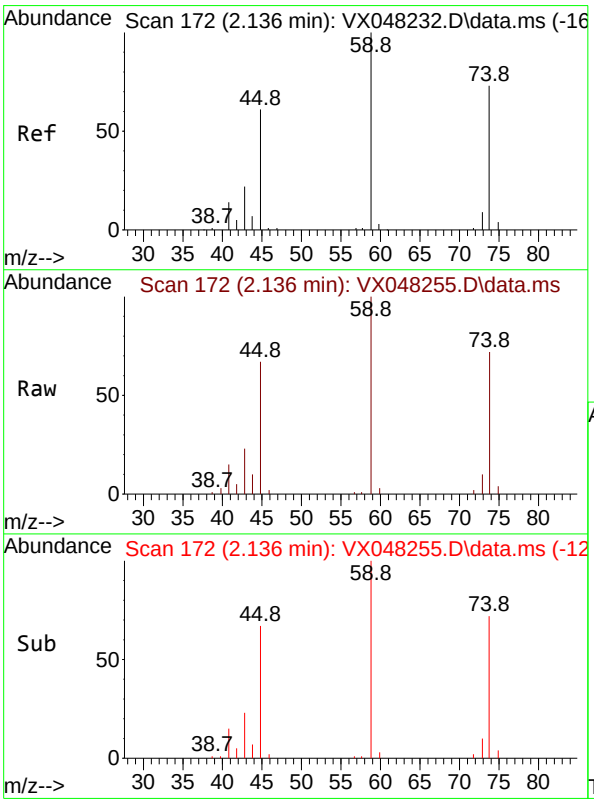
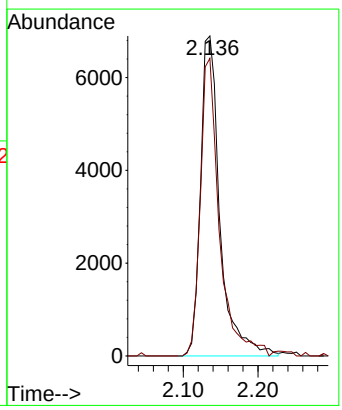
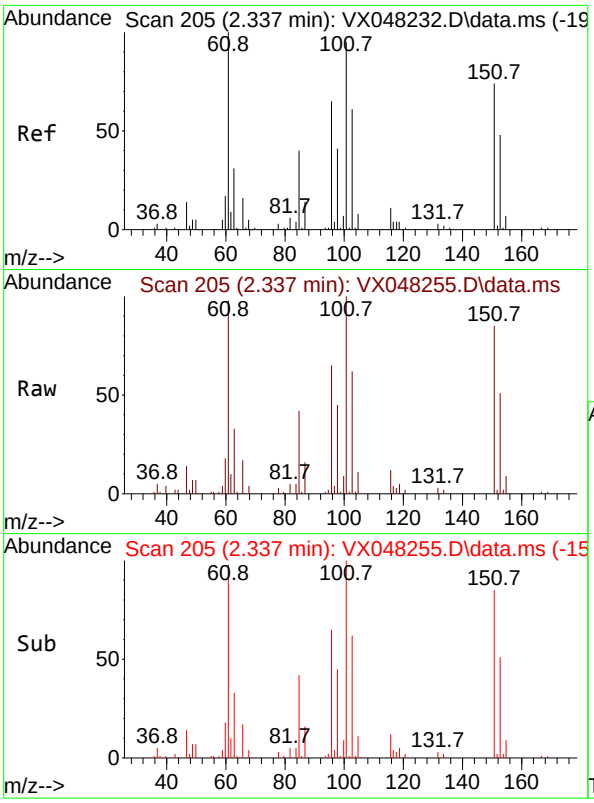


#8
Diethyl Ether
Concen: 18.418 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 74 Resp: 12470

Ion	Ratio	Lower	Upper
74	100		
45	91.2	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.555 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:101 Resp: 2674

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.6	53.4
151	77.6	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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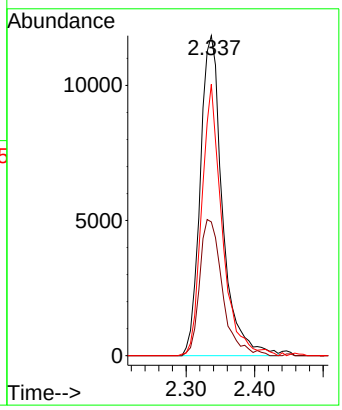
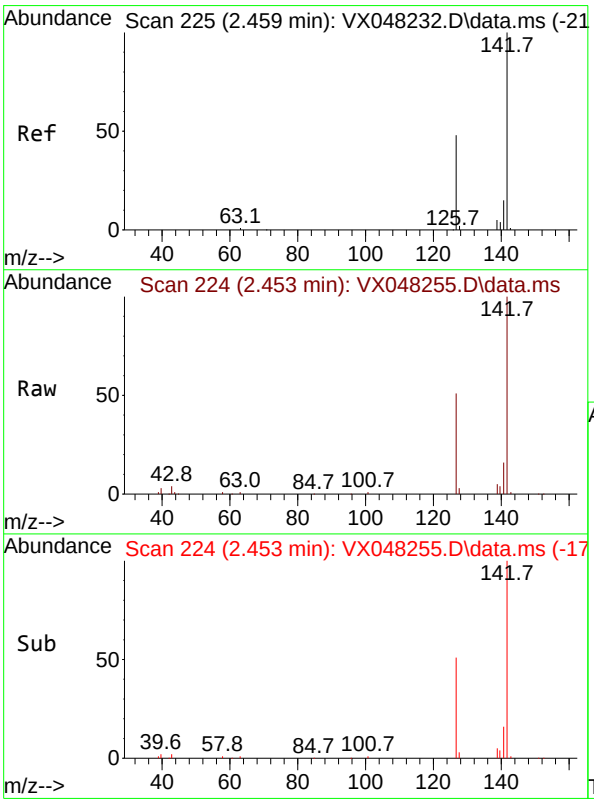
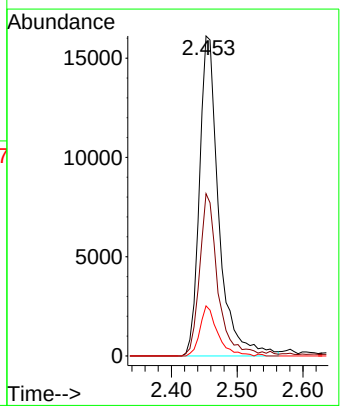


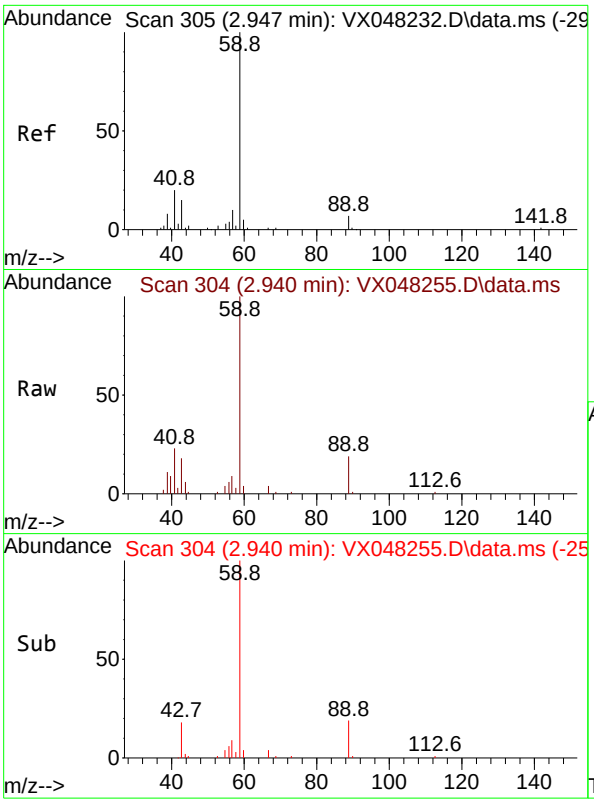


#10
Methyl Iodide
Concen: 17.207 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:142 Resp: 32960

Ion	Ratio	Lower	Upper
142	100		
127	48.3	38.5	57.7
141	14.3	11.6	17.4

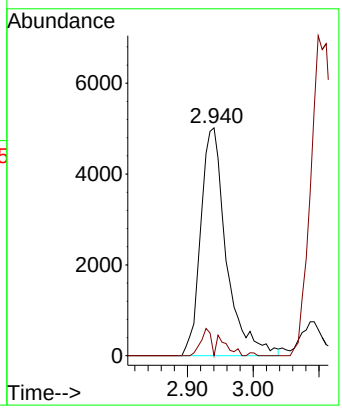




#11
Tert butyl alcohol
Concen: 69.088 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 59 Resp: 1358

Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
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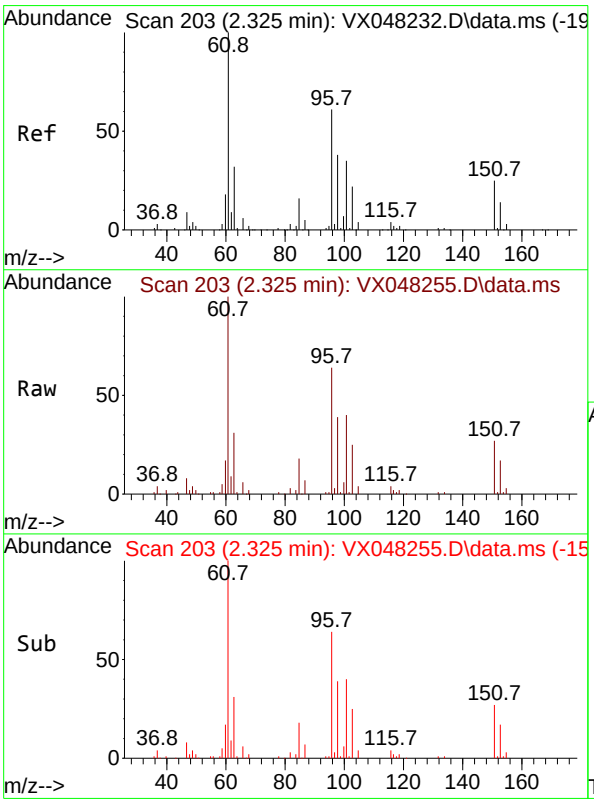
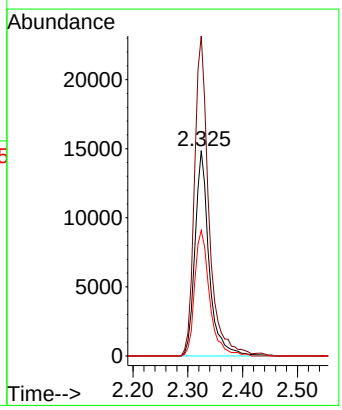
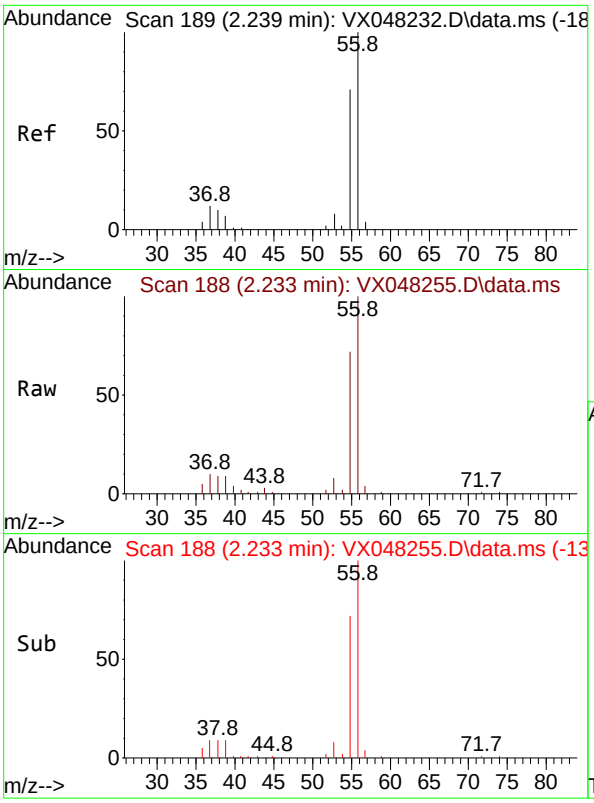


#12
1,1-Dichloroethene
Concen: 17.997 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 96 Resp: 26679

Ion	Ratio	Lower	Upper
96	100		
61	155.9	139.0	208.6
98	61.1	52.4	78.6

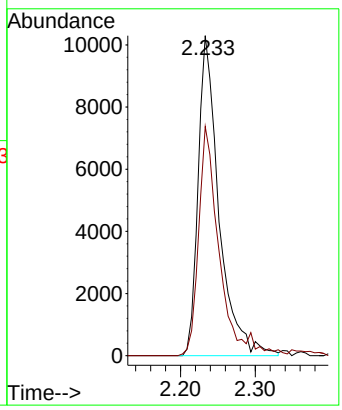




#13
Acrolein
Concen: 99.067 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 56 Resp: 1986

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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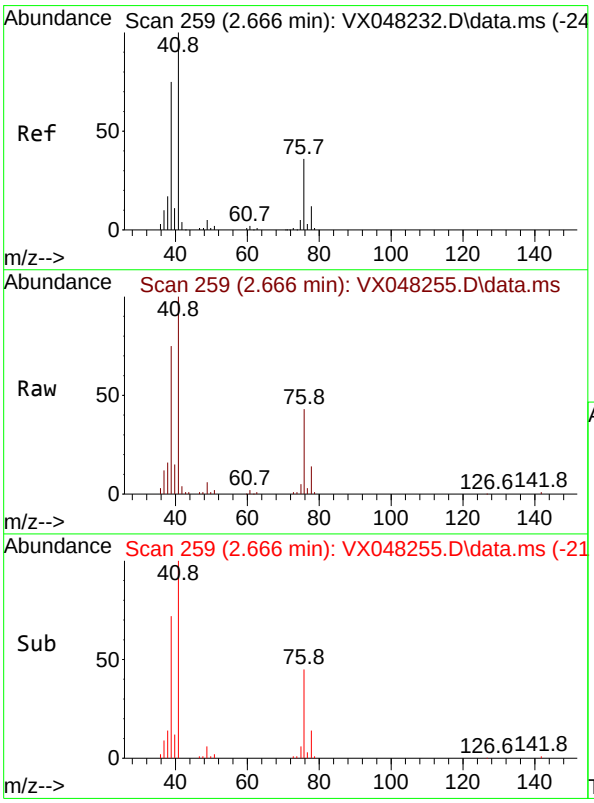
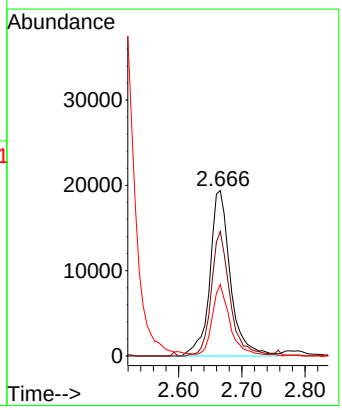
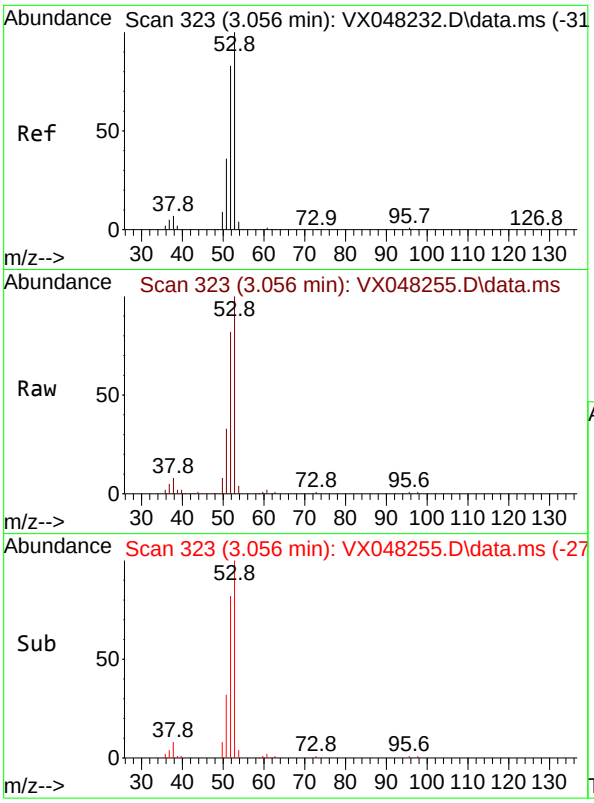


#14
Allyl chloride
Concen: 17.844 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 41 Resp: 43917

Ion	Ratio	Lower	Upper
41	100		
39	68.3	56.0	84.0
76	37.7	27.5	41.3

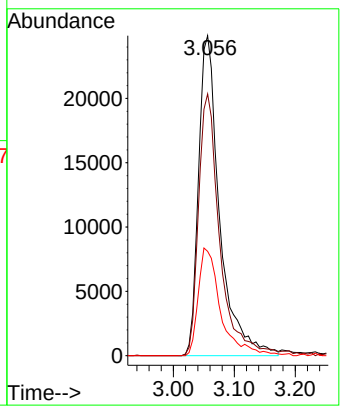




#15
Acrylonitrile
Concen: 84.532 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 53 Resp: 5991

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	36.0	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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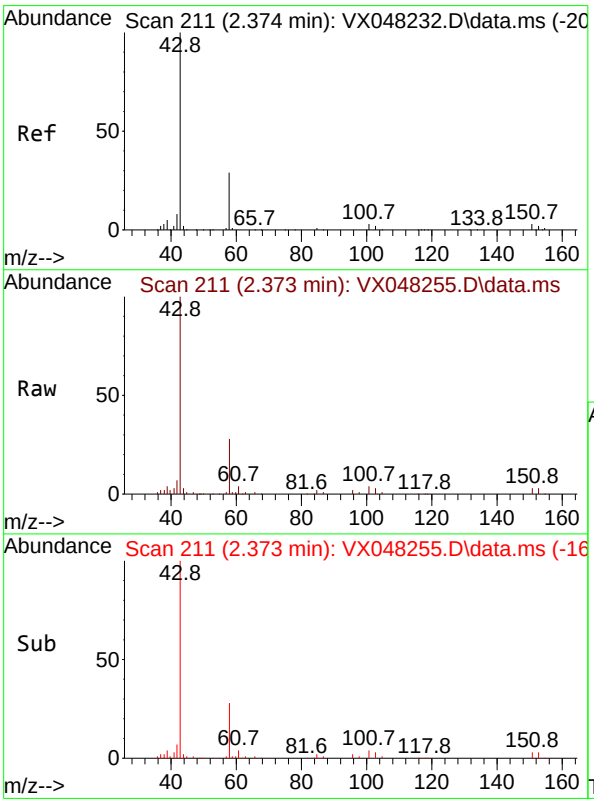
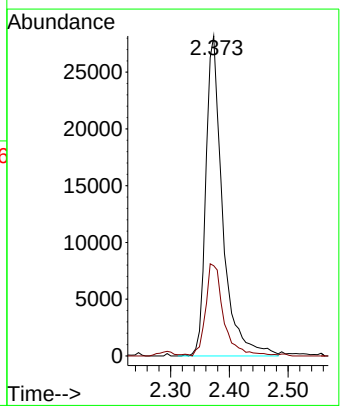
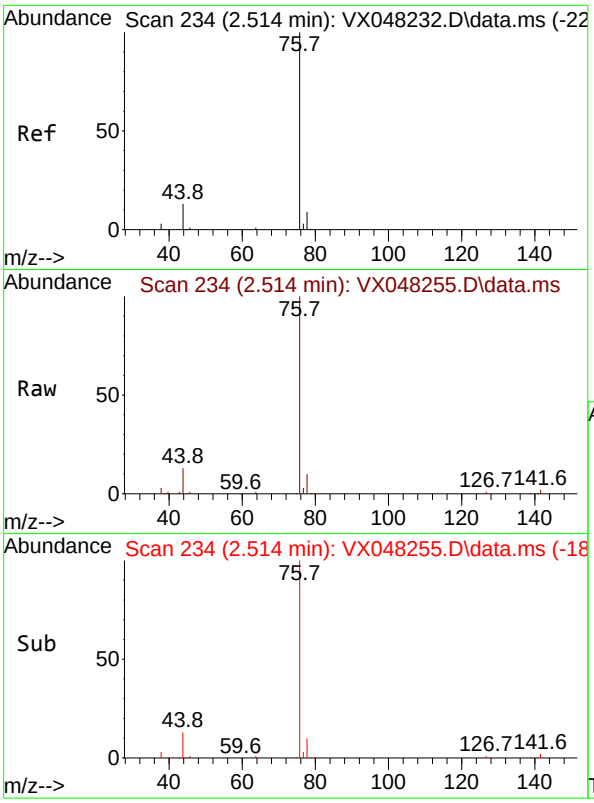


#16
Acetone
Concen: 82.307 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 55899

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.4	35.2





#17
Carbon Disulfide
Concen: 16.623 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 76 Resp: 7766

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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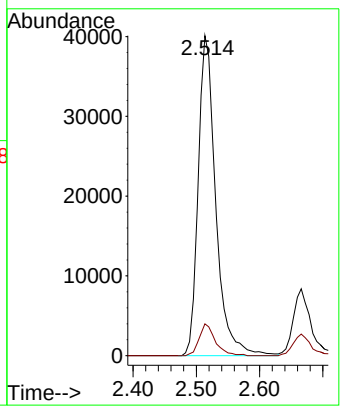
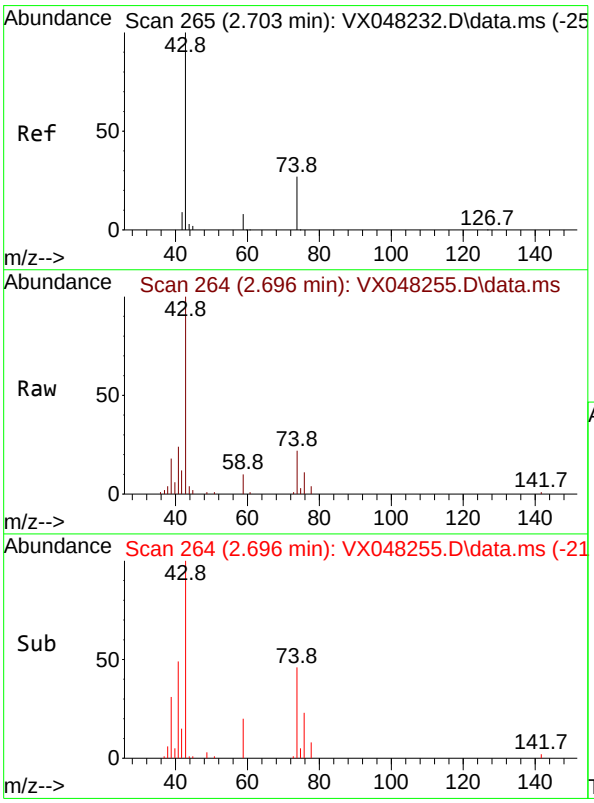
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

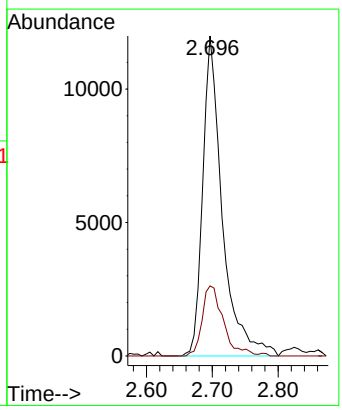


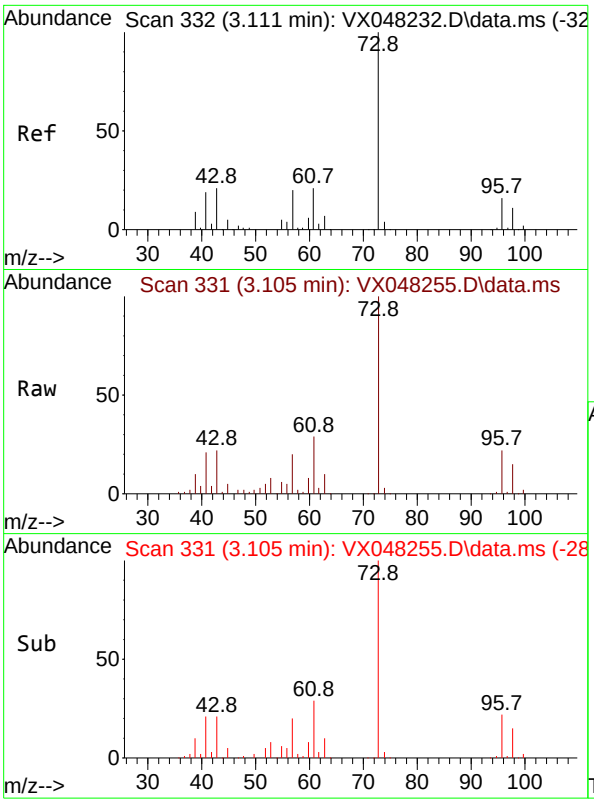


#18
Methyl Acetate
Concen: 17.503 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 24826

Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.5	26.3

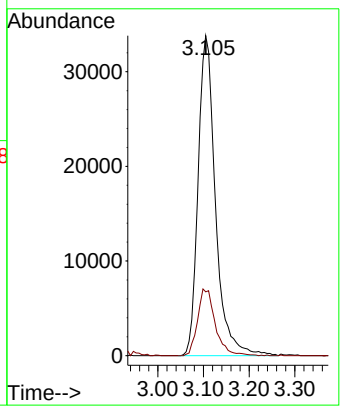




#19
Methyl tert-butyl Ether
Concen: 17.640 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 73 Resp: 8921

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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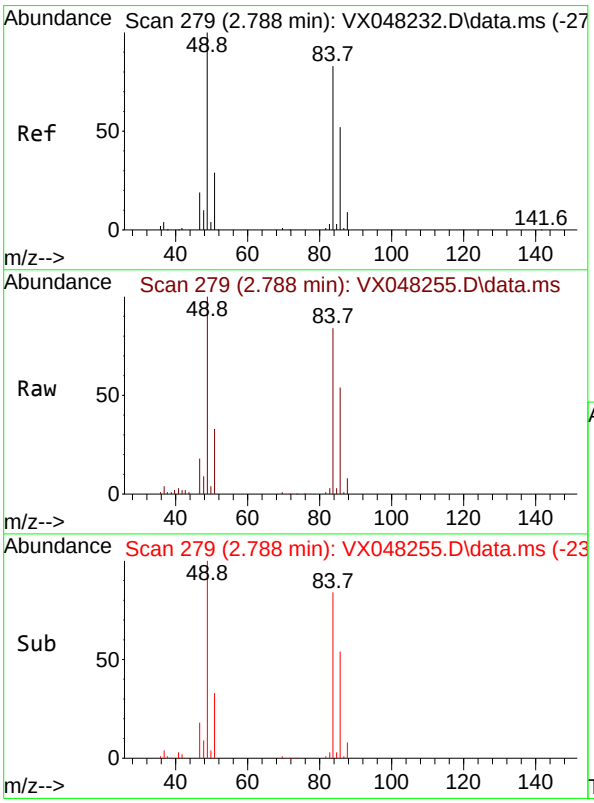
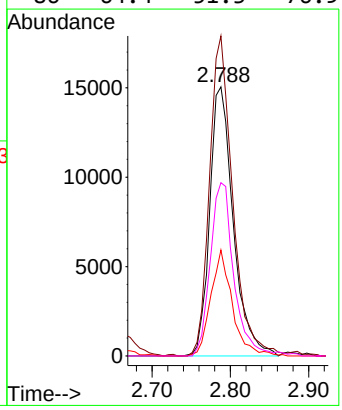
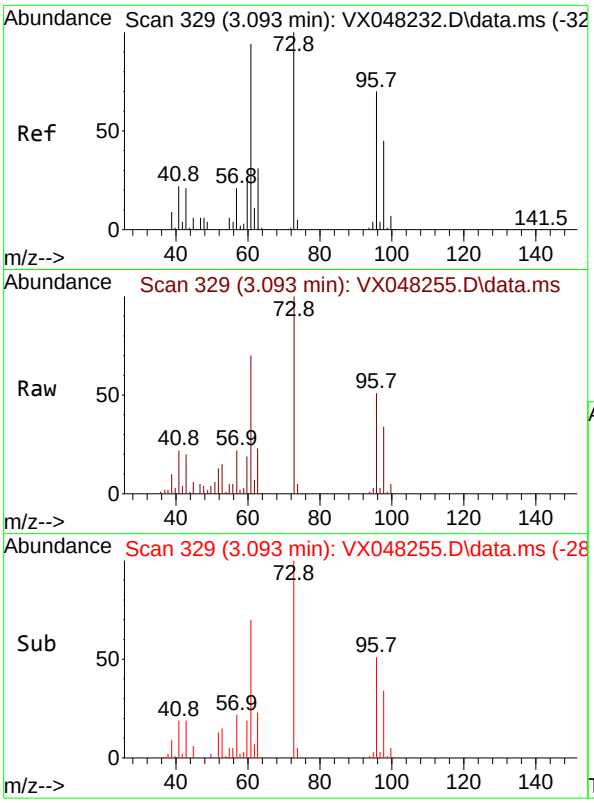


#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 84 Resp: 31545

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.1	156.1
51	39.3	31.3	46.9
86	64.4	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 17.892 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 96 Resp: 2913

Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.9	167.9
98	66.0	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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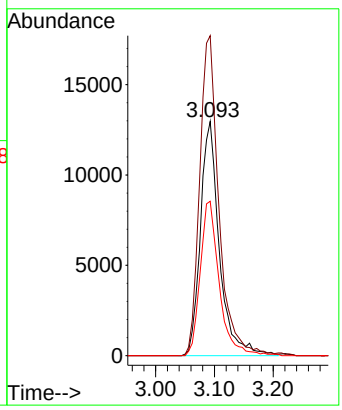
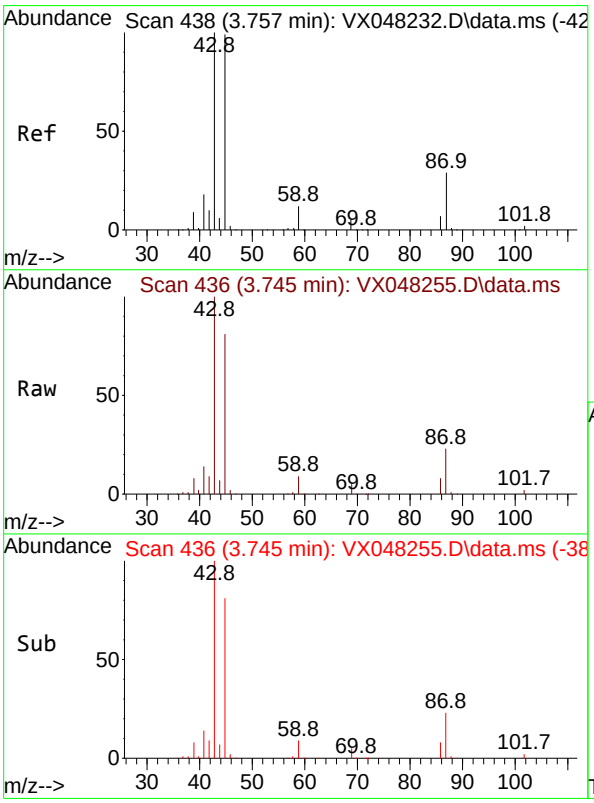
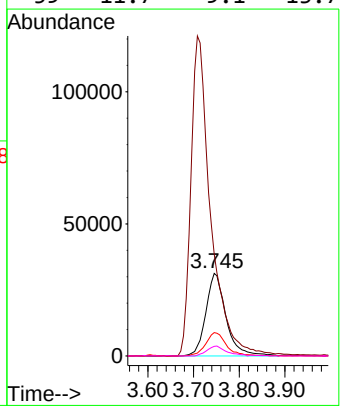


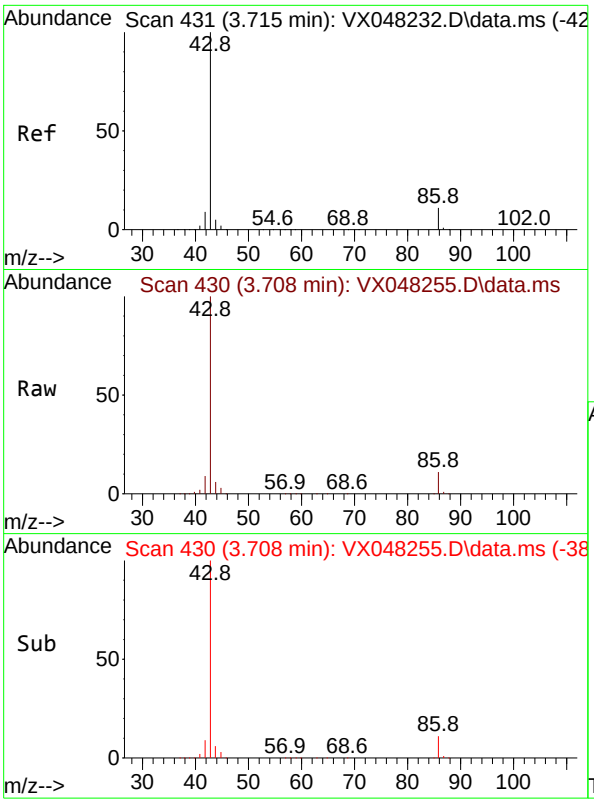


#22
Diisopropyl ether
Concen: 19.476 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 45 Resp: 95604

Ion	Ratio	Lower	Upper
45	100		
43	123.5	89.8	134.8
87	28.3	20.6	31.0
59	11.7	9.1	13.7





#23
Vinyl Acetate
Concen: 93.748 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 36760

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
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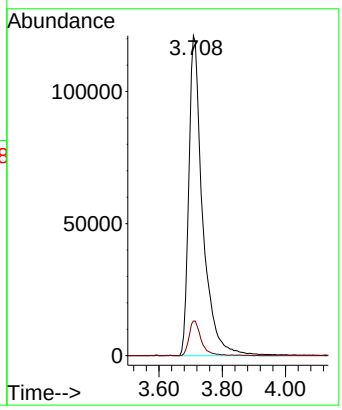
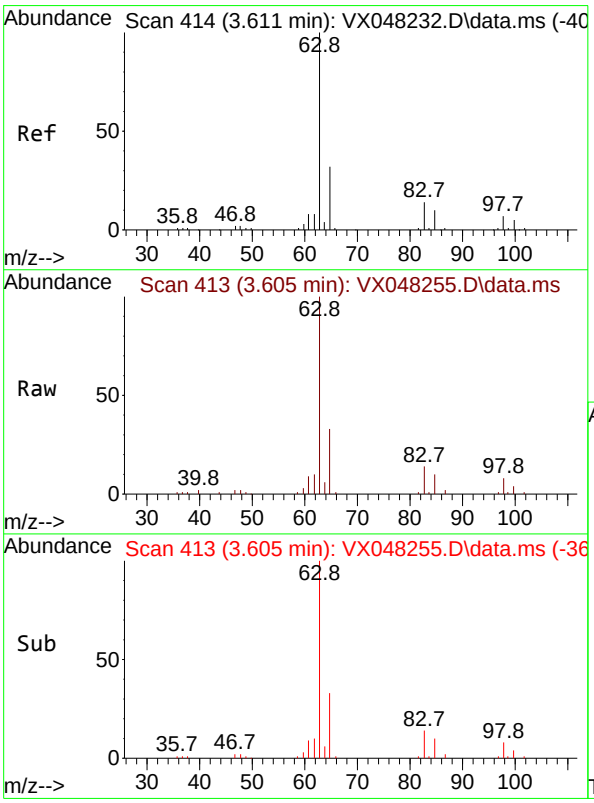
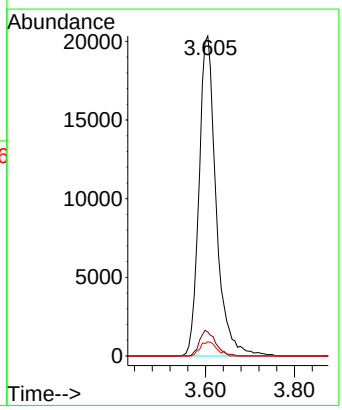


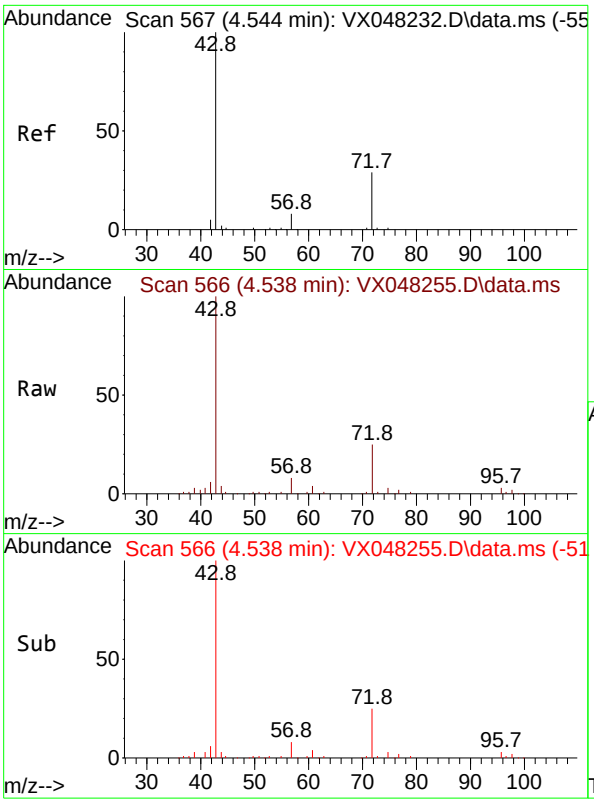


#24
1,1-Dichloroethane
Concen: 18.382 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 54562

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.5	10.6
100	4.4	2.1	6.3





#25
2-Butanone
Concen: 85.214 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 7325

Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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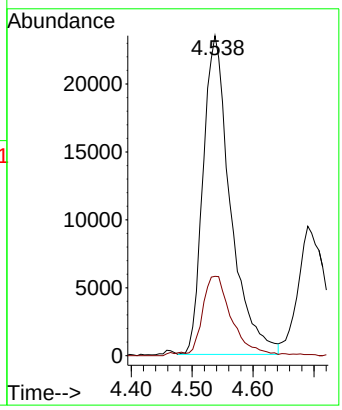
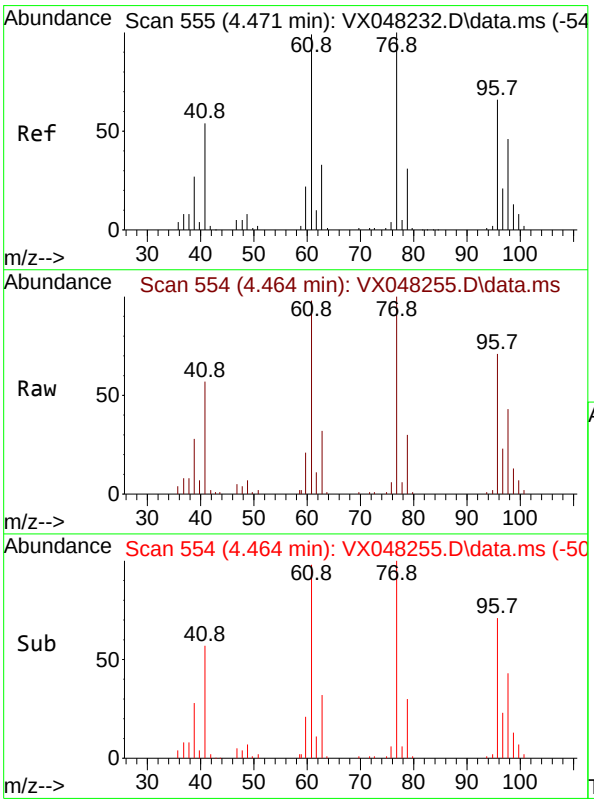
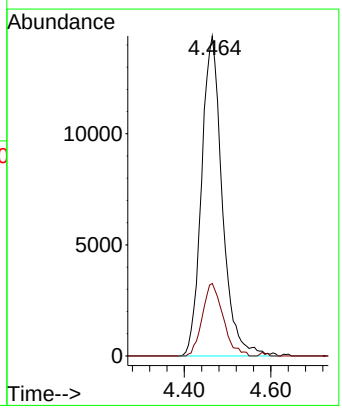


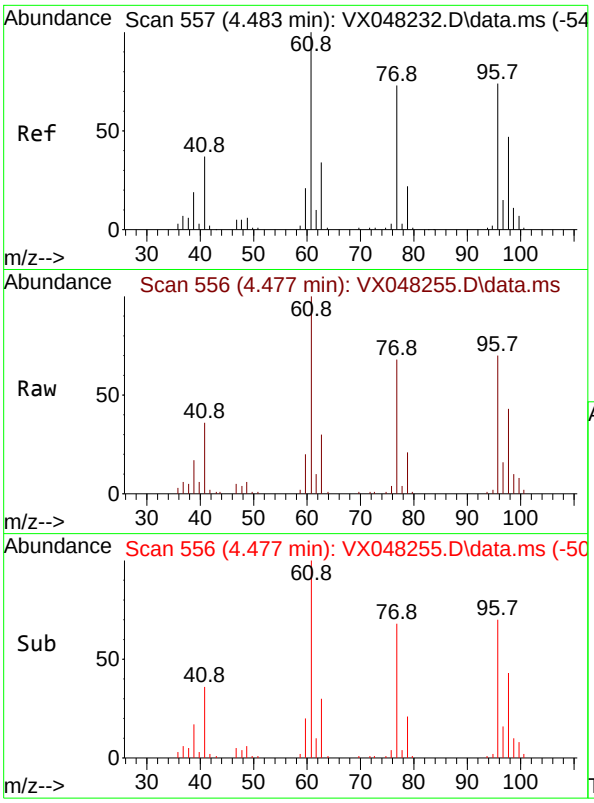


#26
2,2-Dichloropropane
Concen: 17.854 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 77 Resp: 47833

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 18.906 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 96 Resp: 3592

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	294.2
98	64.0	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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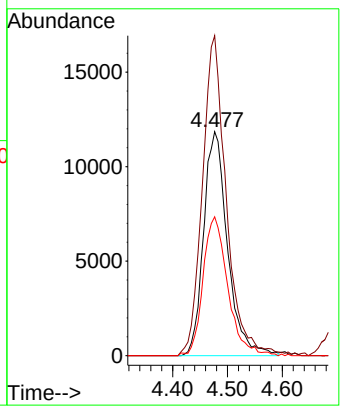
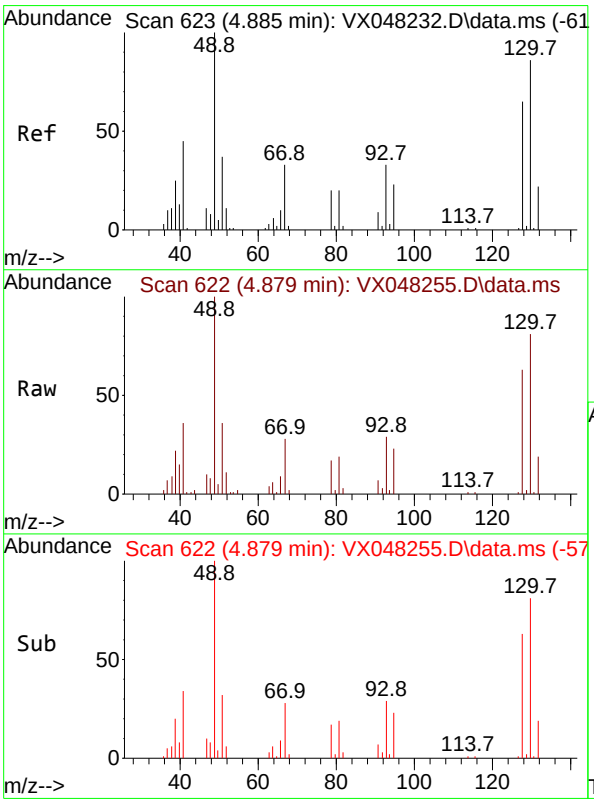
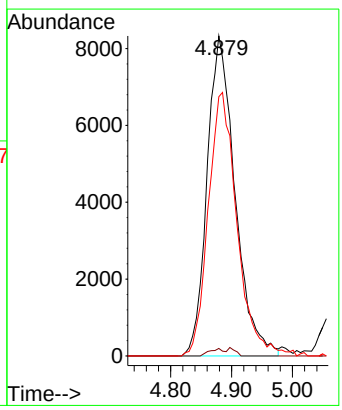


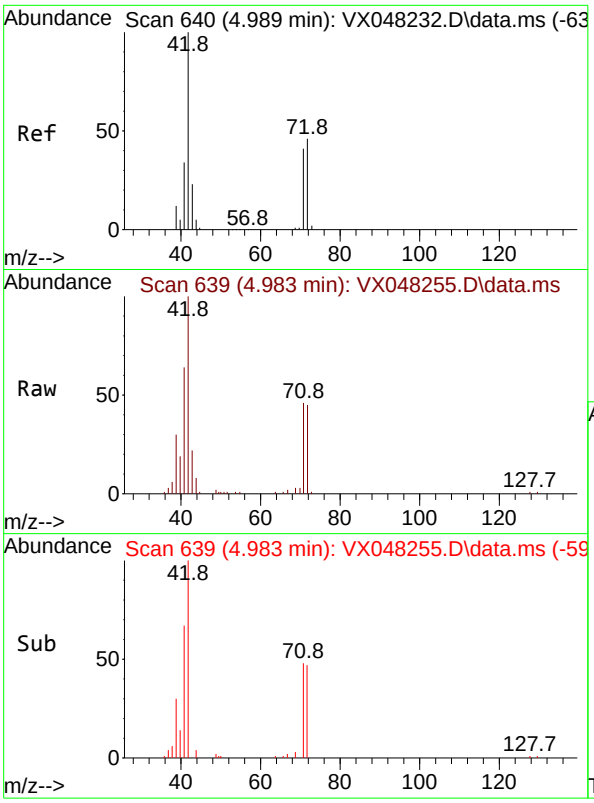


#28
Bromochloromethane
Concen: 21.558 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 49 Resp: 26532

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	84.6	59.3	88.9





#29
Tetrahydrofuran
Concen: 85.433 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 42 Resp: 4398

Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.3	52.9
71	42.9	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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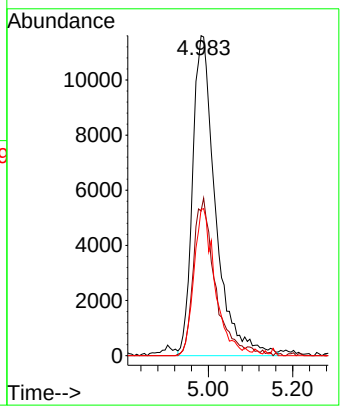
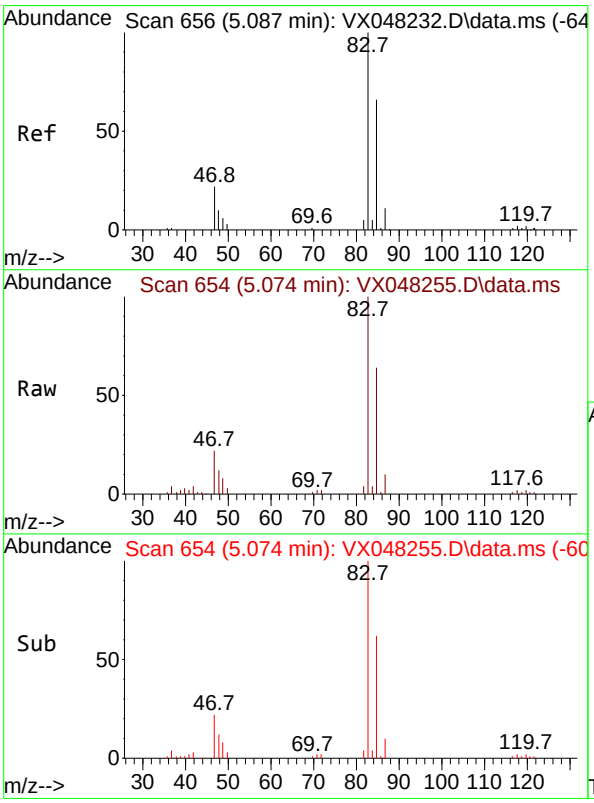
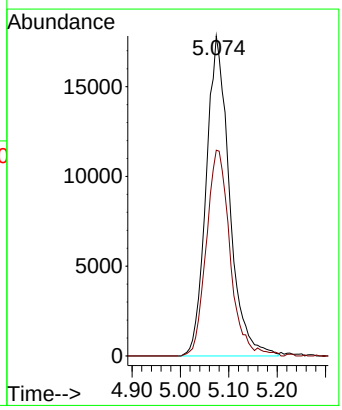


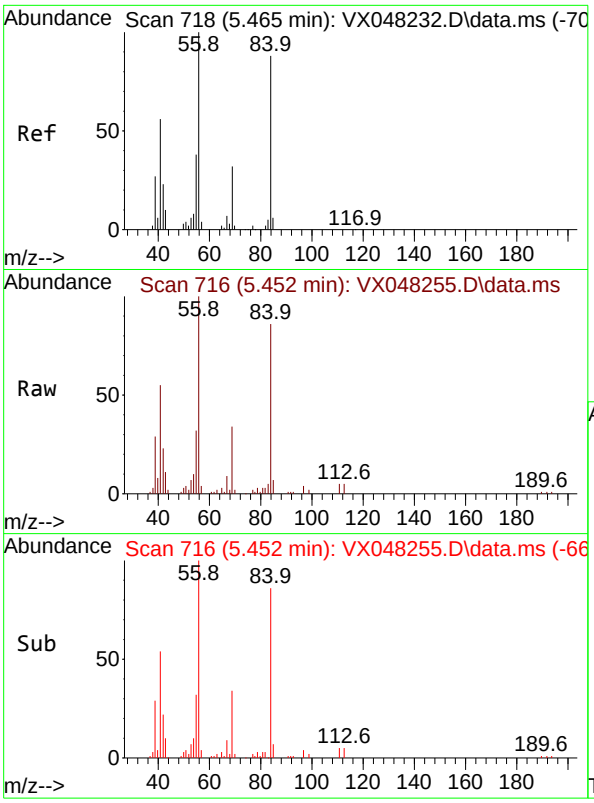


#30
Chloroform
Concen: 18.803 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 83 Resp: 59628

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1





#31
Cyclohexane
Concen: 19.171 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 56 Resp: 4711

Ion	Ratio	Lower	Upper
56	100		
69	34.2	23.0	34.6
84	84.6	64.6	97.0

Instrument :
MSVOA_X
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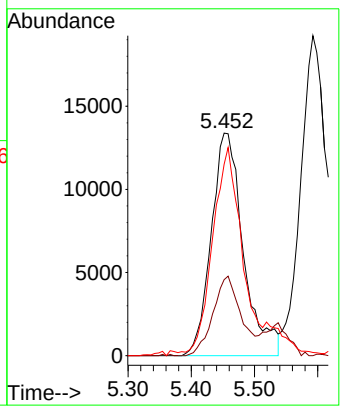
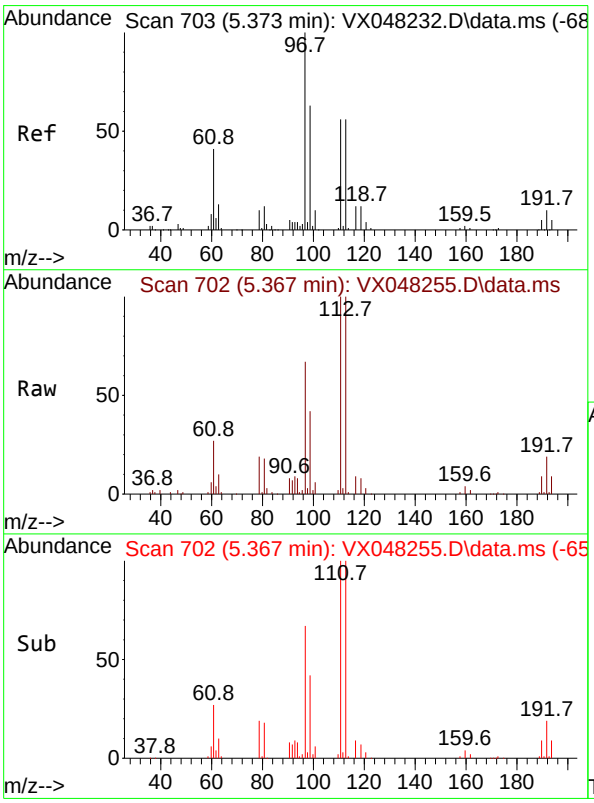
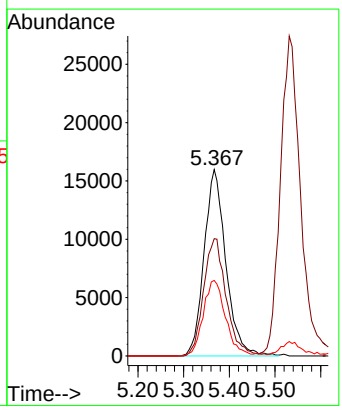


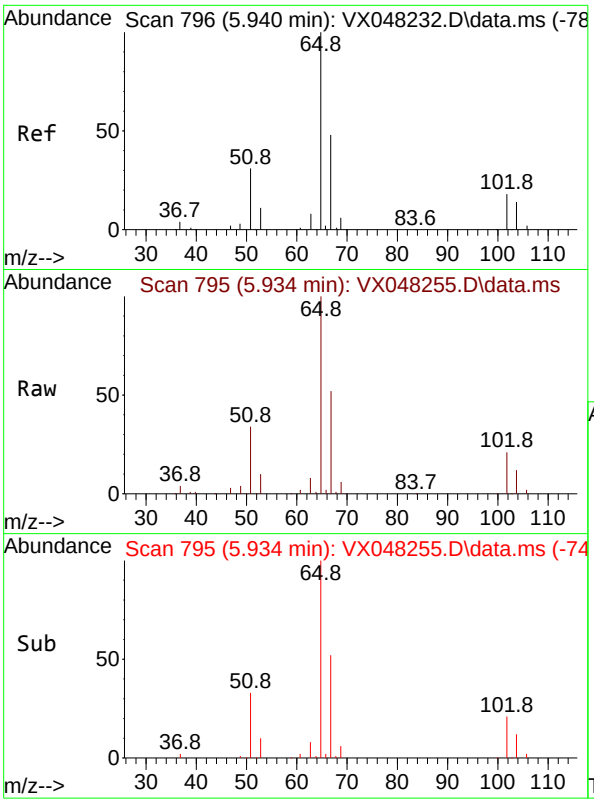


#32
1,1,1-Trichloroethane
Concen: 18.082 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 97 Resp: 52848

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	41.4	34.8	52.2

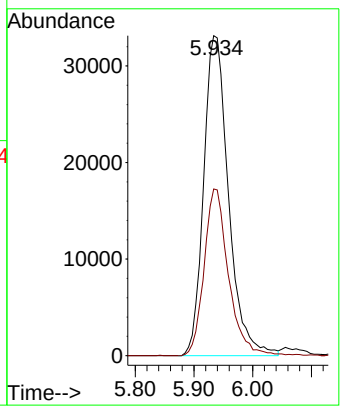




#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 65 Resp: 9736

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
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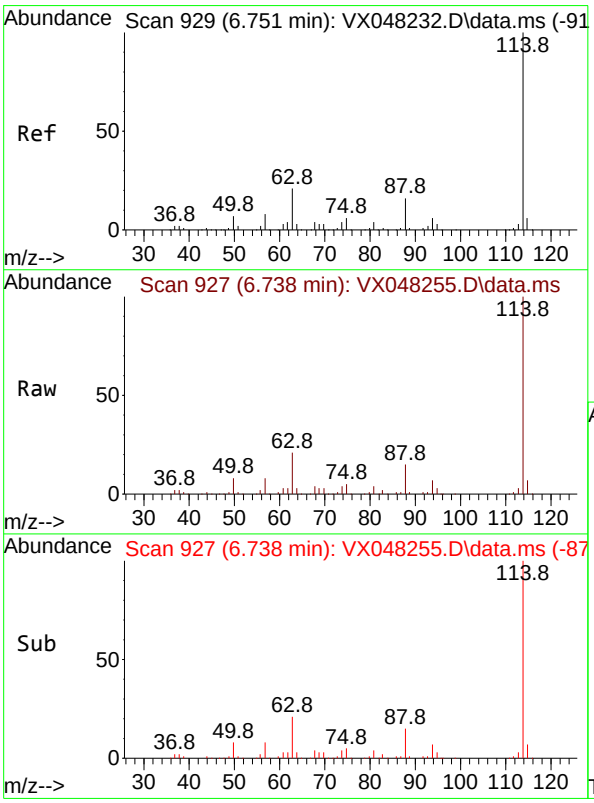
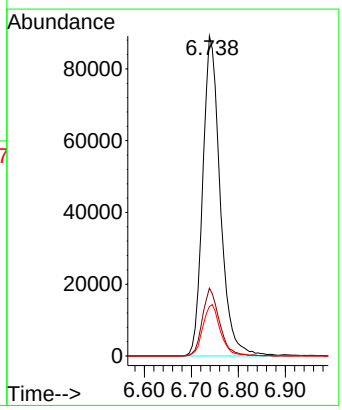
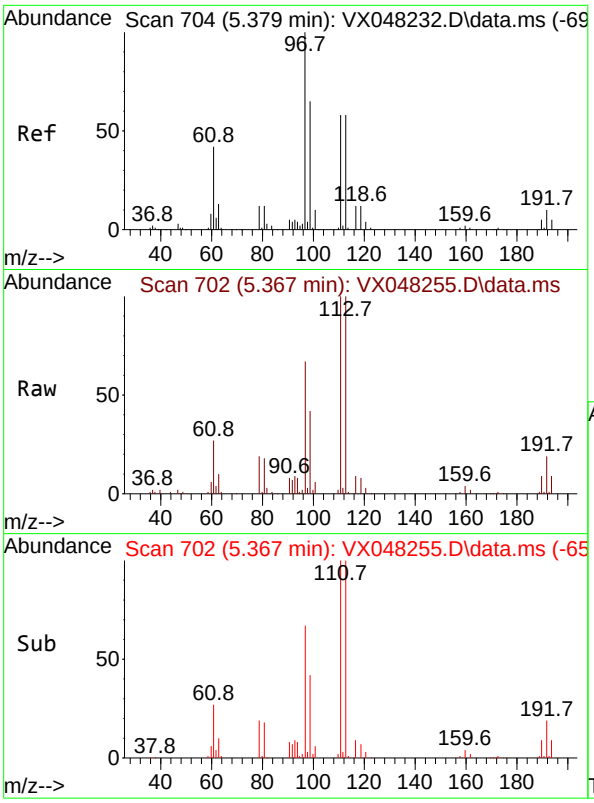


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:114 Resp: 230109

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	15.5	0.0	33.6

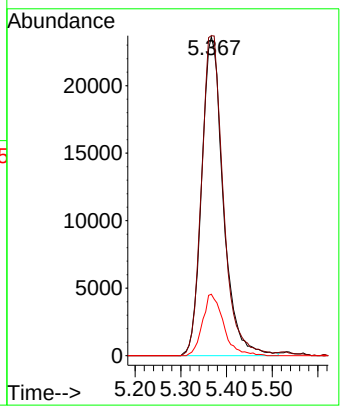




#35
Dibromofluoromethane
Concen: 49.256 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:113 Resp: 7737

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	18.9	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
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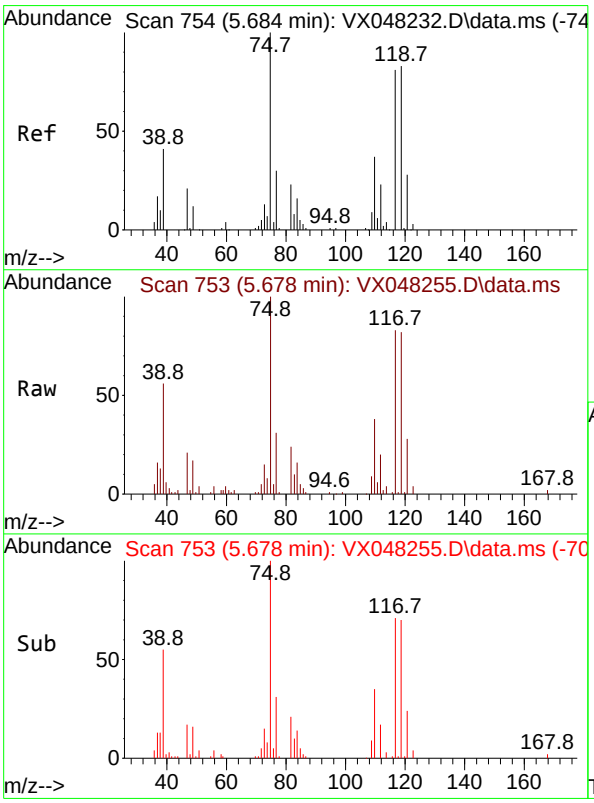
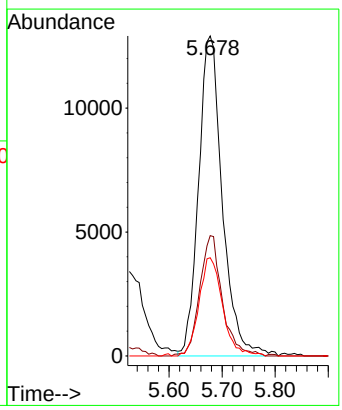
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

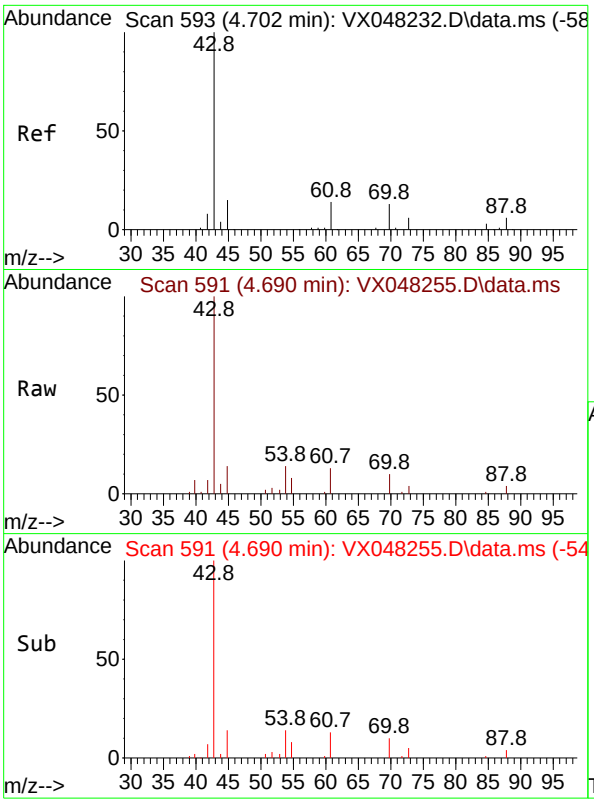


#36
1,1-Dichloropropene
Concen: 18.023 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 40242

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.7	53.1
77	30.3	24.3	36.5

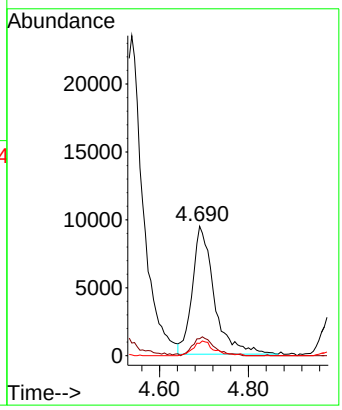




#37
Ethyl Acetate
Concen: 17.426 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 3225

Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	10.5	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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Reviewed By :John Carlone 10/24/2025
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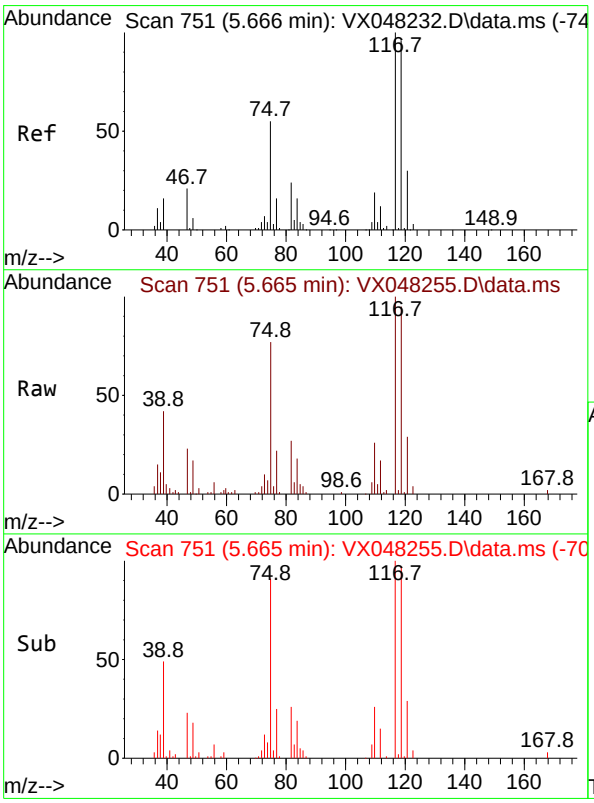
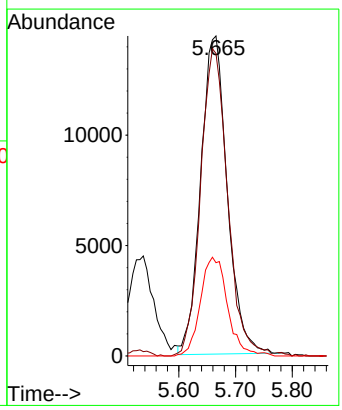
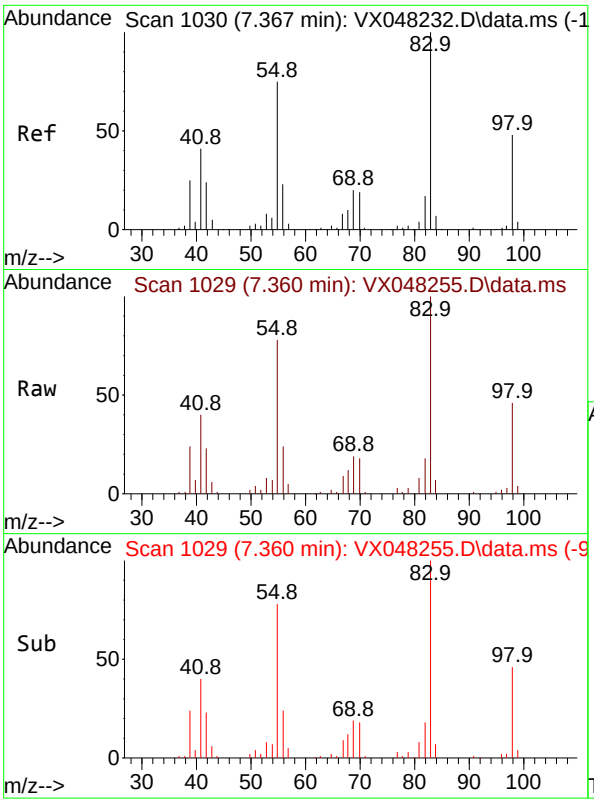


#38
Carbon Tetrachloride
Concen: 17.024 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 46896

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.2	115.8
121	29.4	24.8	37.2

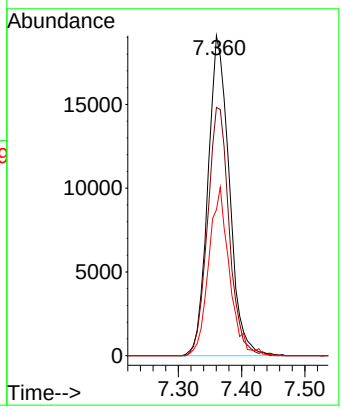




#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 83 Resp: 4476

Ion	Ratio	Lower	Upper
83	100		
55	77.6	66.2	99.2
98	45.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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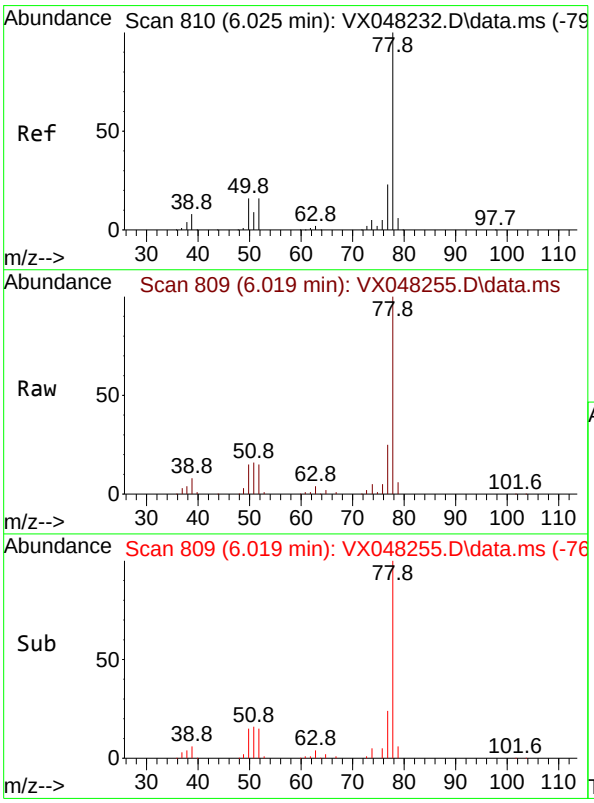
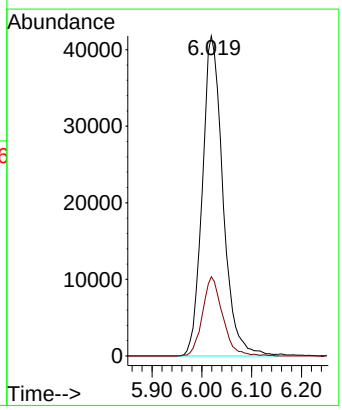
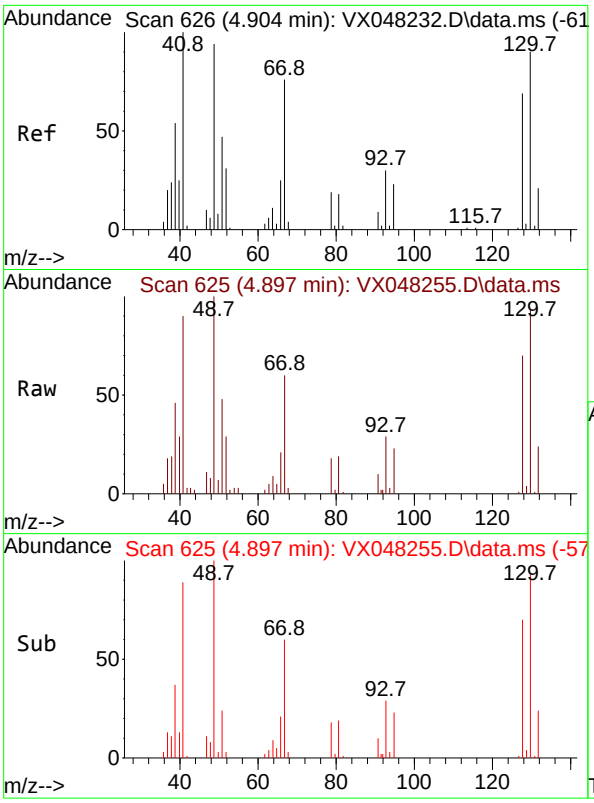


#40
Benzene
Concen: 18.540 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 78 Resp: 120185

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

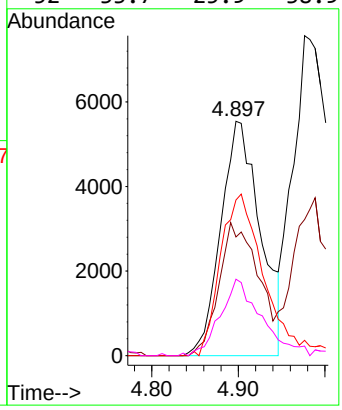




#41
Methacrylonitrile
Concen: 18.099 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 41 Resp: 1759

Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	77.1	58.7	88.1
52	33.7	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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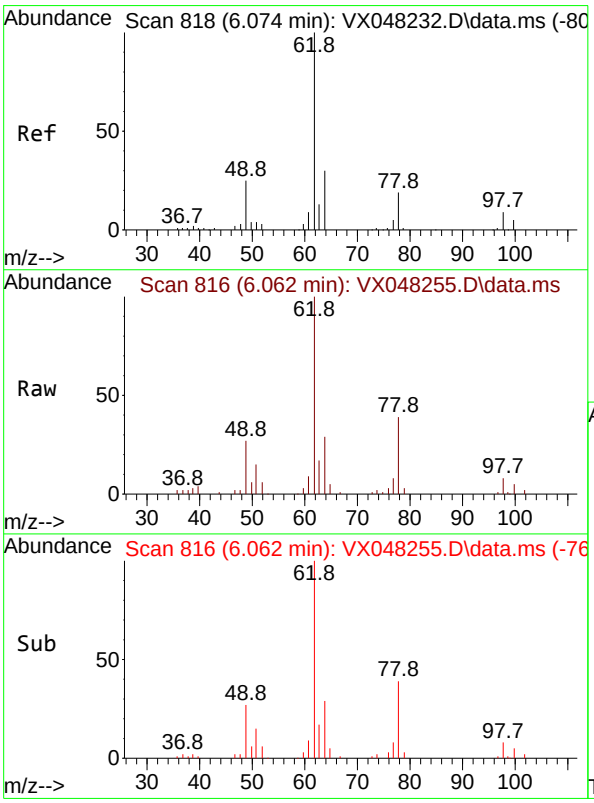
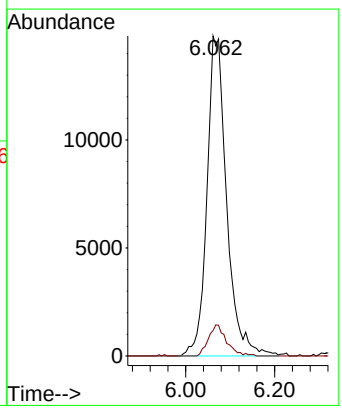
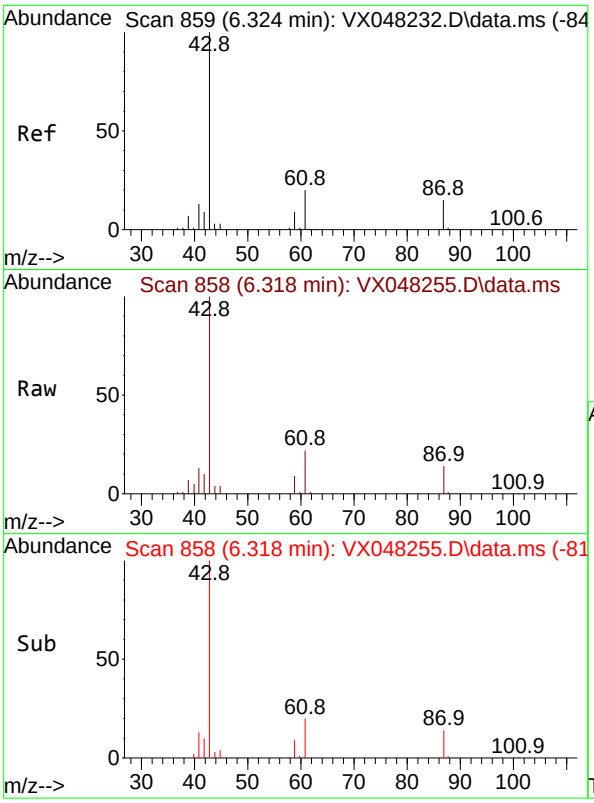


#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 45577

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43
Isopropyl Acetate
Concen: 17.402 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 5290

Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.9	22.3
87	13.8	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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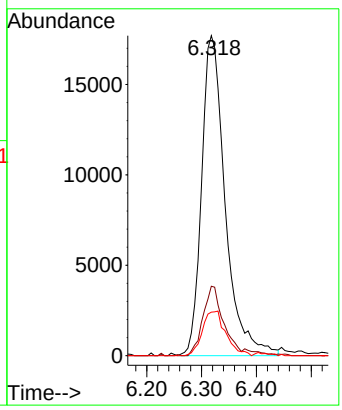
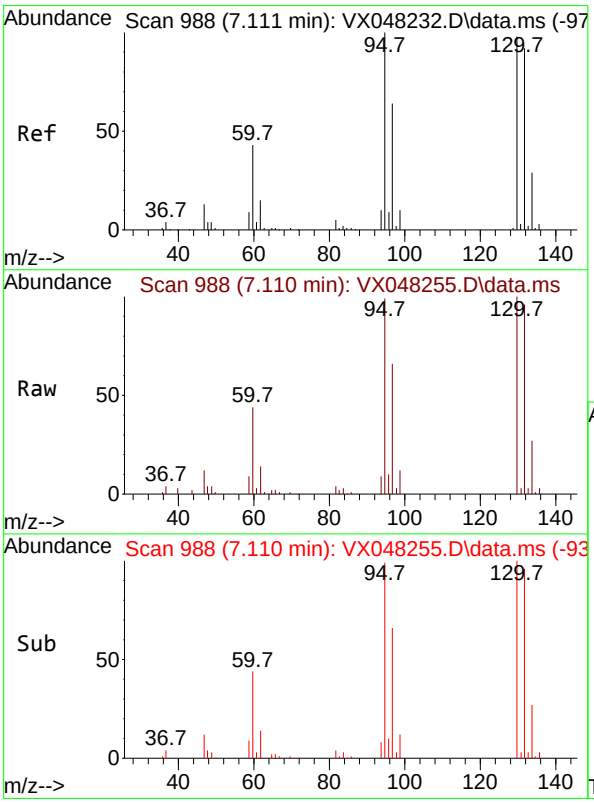
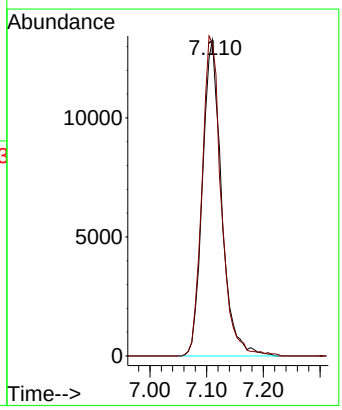


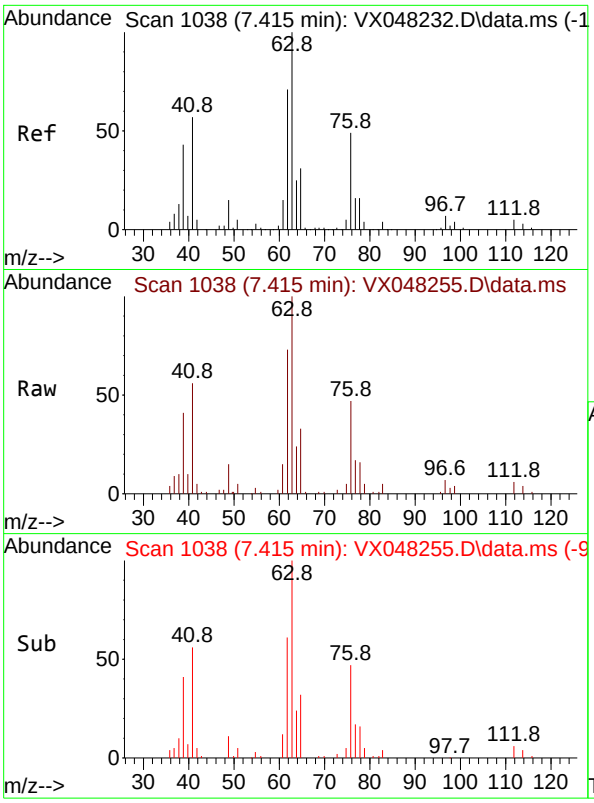


#44
Trichloroethene
Concen: 18.107 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:130 Resp: 30995

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	200.6

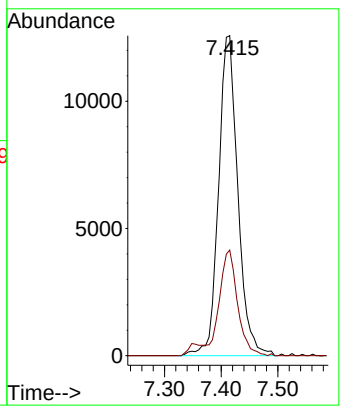




#45
1,2-Dichloropropane
Concen: 19.252 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 2967

Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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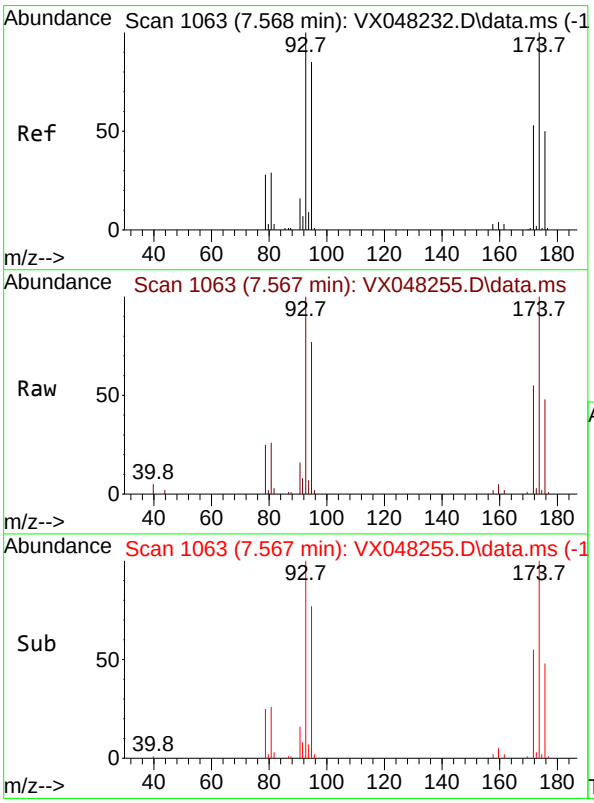
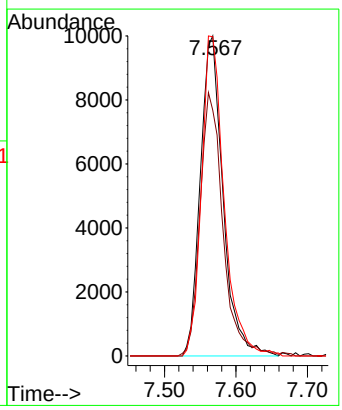
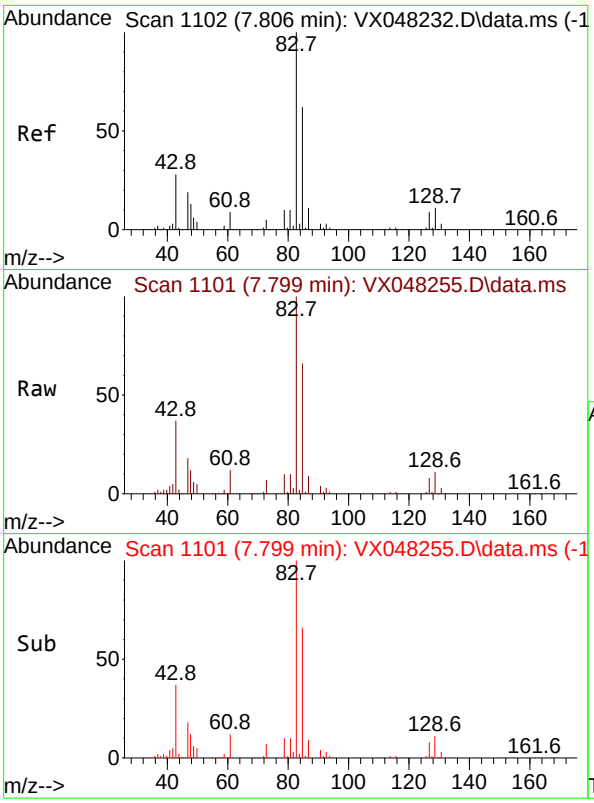


#46
Dibromomethane
Concen: 18.352 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 93 Resp: 22037

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.9	98.9
174	100.0	71.7	107.5

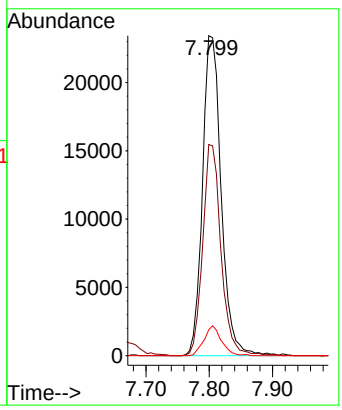




#47
Bromodichloromethane
Concen: 18.606 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 83 Resp: 4824

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4
127	8.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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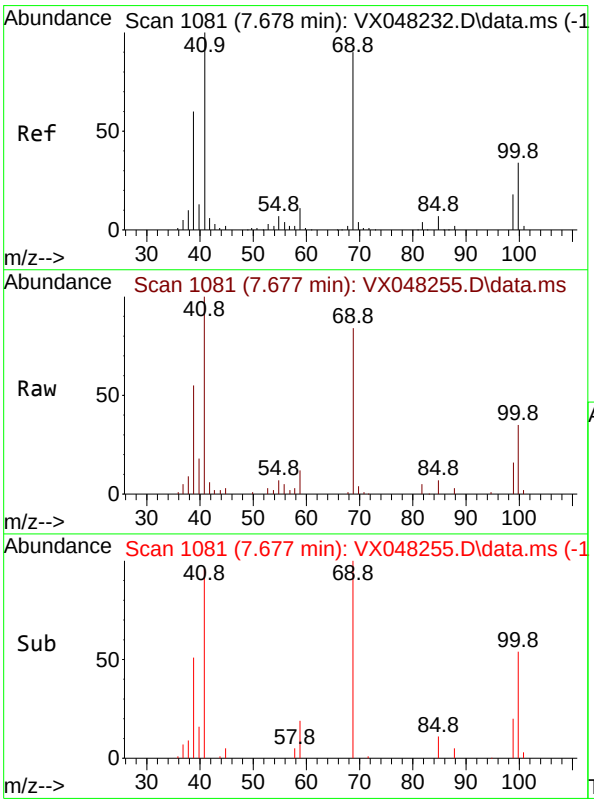
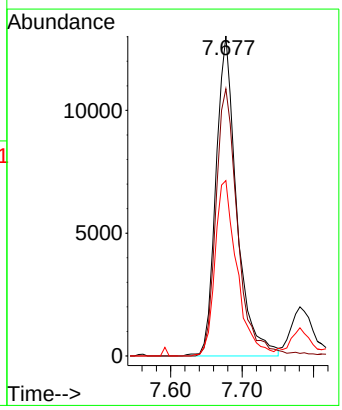
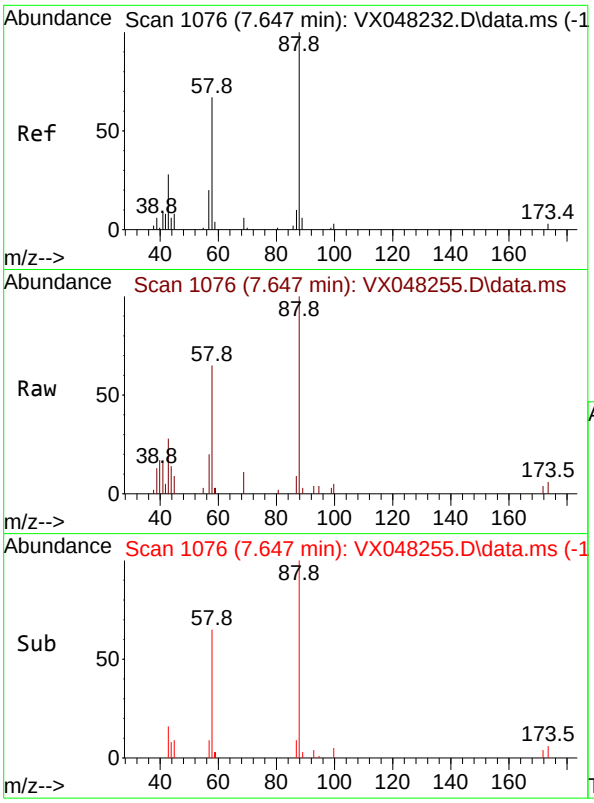


#48
Methyl methacrylate
Concen: 17.158 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 41 Resp: 26320

Ion	Ratio	Lower	Upper
41	100		
69	86.9	63.4	95.0
39	57.9	47.1	70.7





#49
1,4-Dioxane
Concen: 292.405 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 88 Resp: 592

Ion	Ratio	Lower	Upper
88	100		
43	24.0	35.0	52.4
58	75.7	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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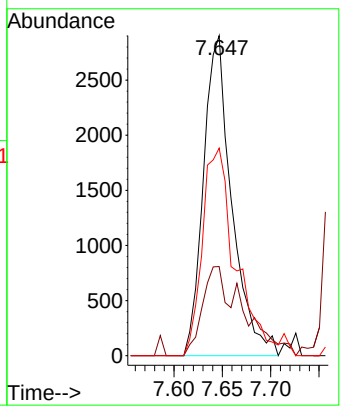
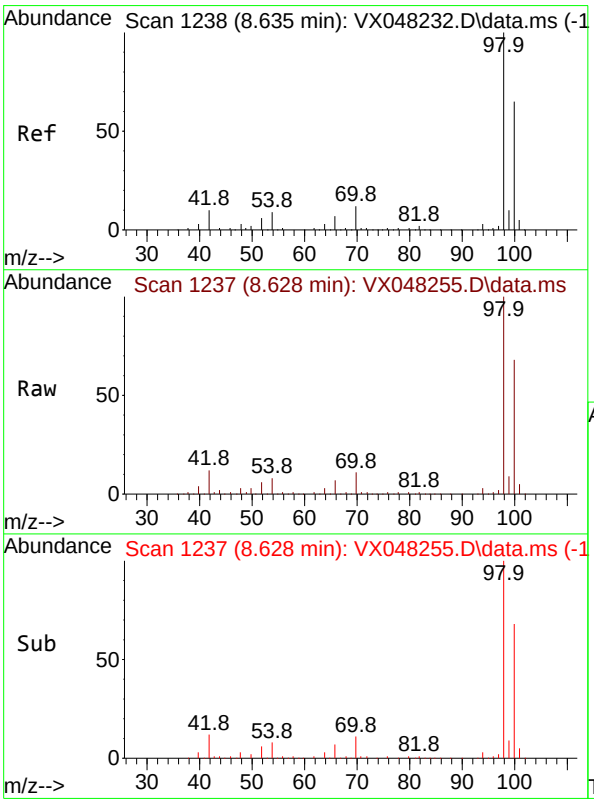
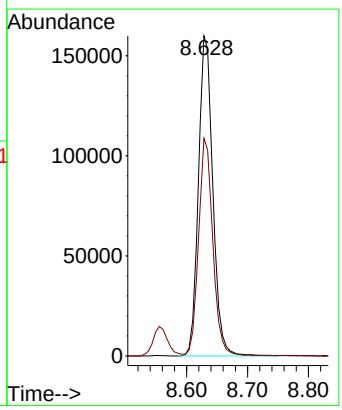


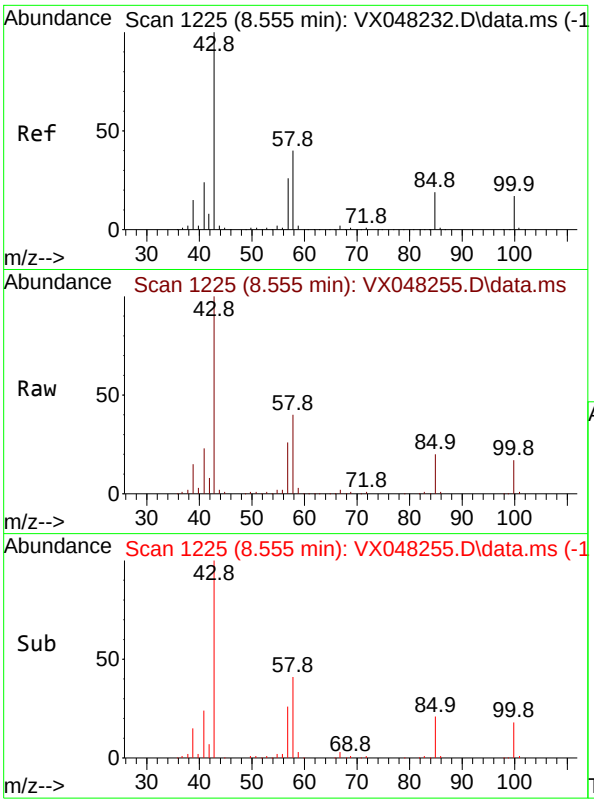


#50
Toluene-d8
Concen: 47.776 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 98 Resp: 263067

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 86.877 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 15227

Ion	Ratio	Lower	Upper
43	100		
58	39.2	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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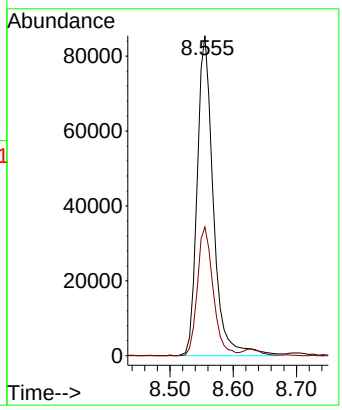
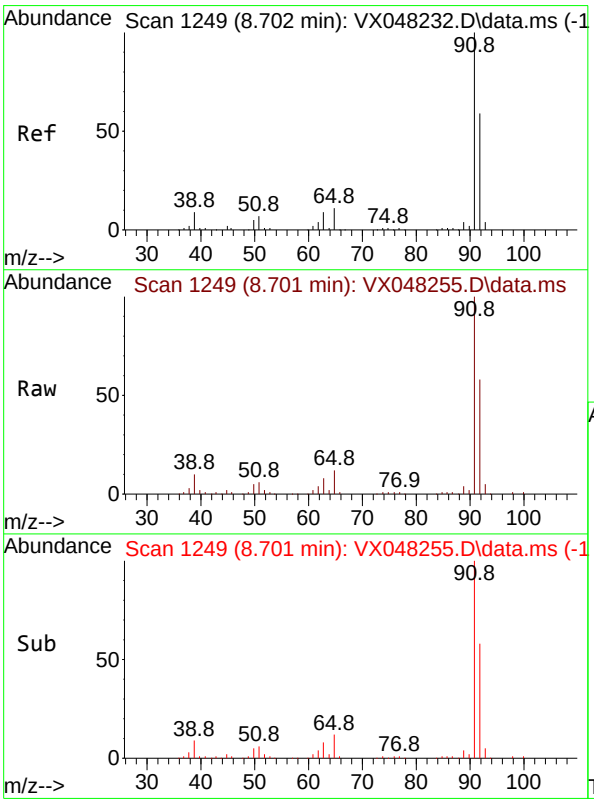
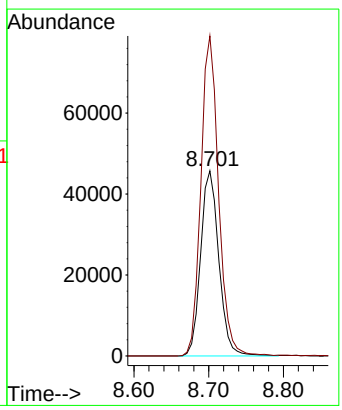


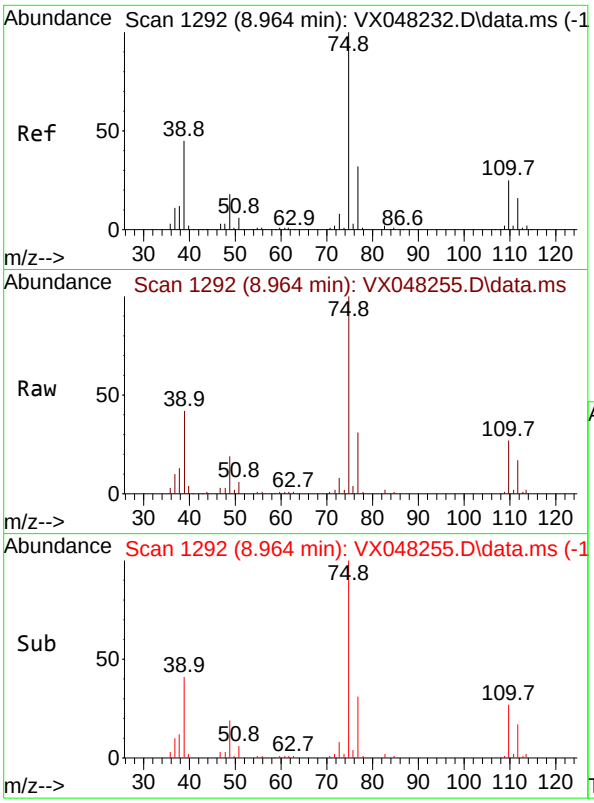


#52
Toluene
Concen: 18.755 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 92 Resp: 77240

Ion	Ratio	Lower	Upper
92	100		
91	168.4	136.1	204.1

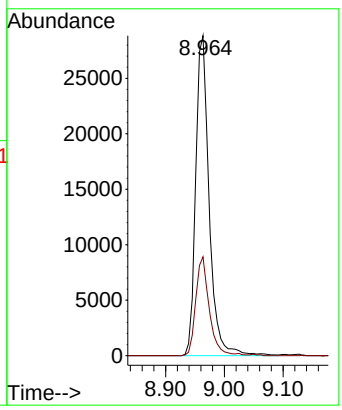




#53
t-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 4602

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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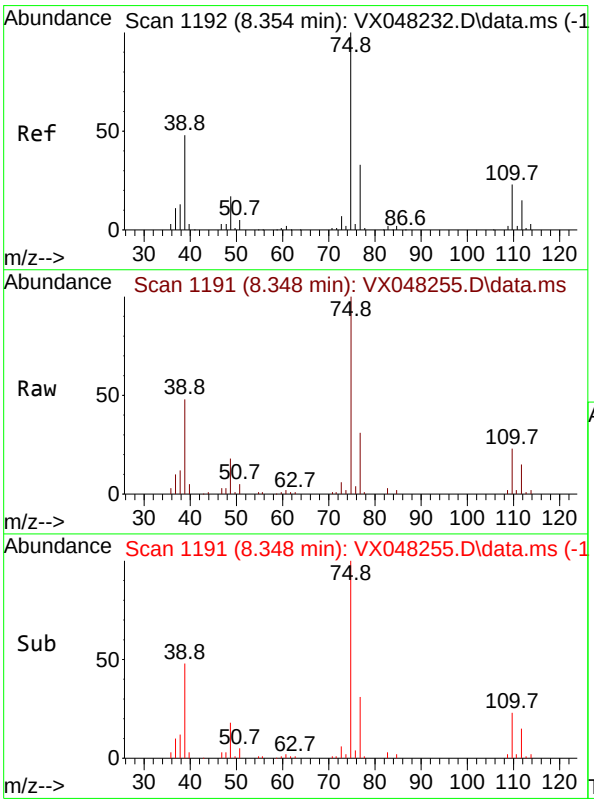
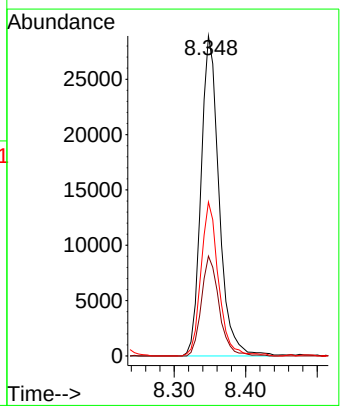
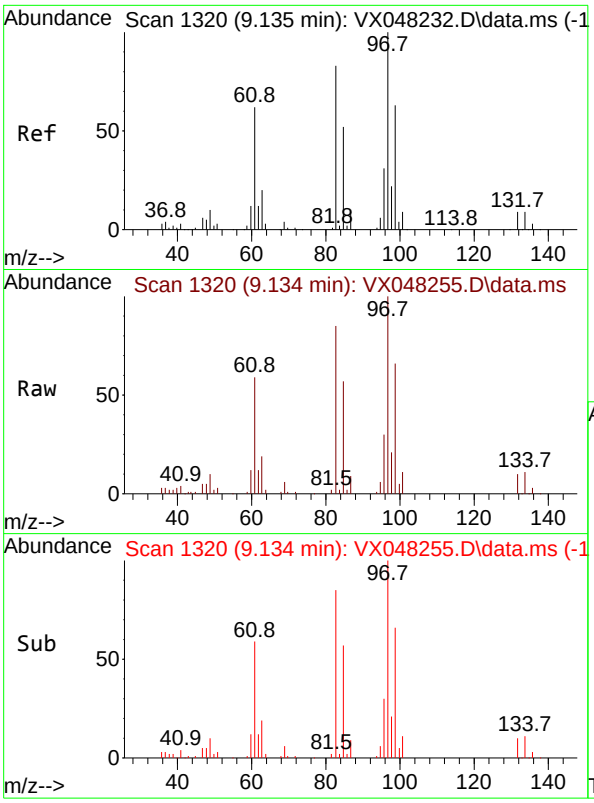


#54
cis-1,3-Dichloropropene
Concen: 18.810 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 50705

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	48.1	42.6	64.0

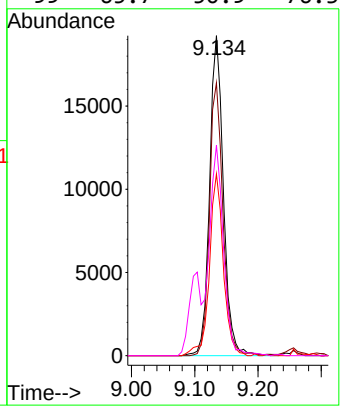




#55
1,1,2-Trichloroethane
Concen: 19.140 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 97 Resp: 2931

Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.6	105.8
85	56.8	45.0	67.6
99	65.7	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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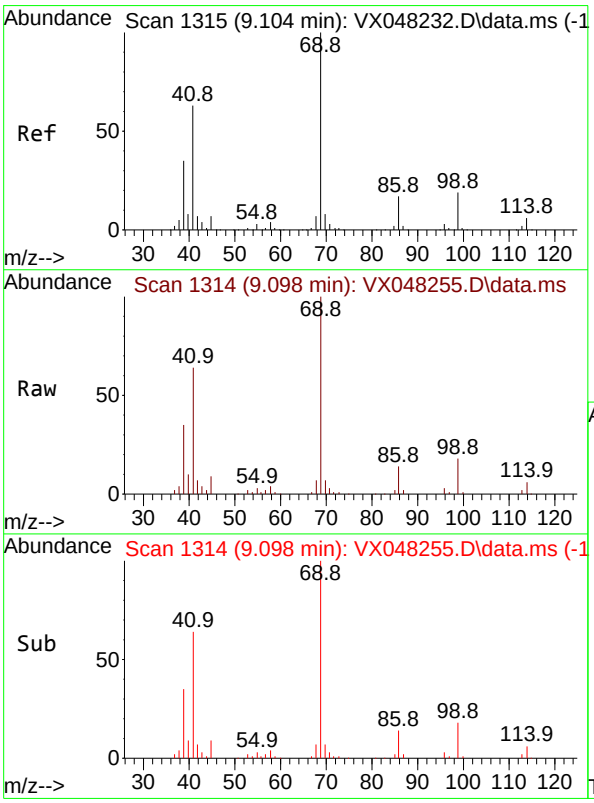
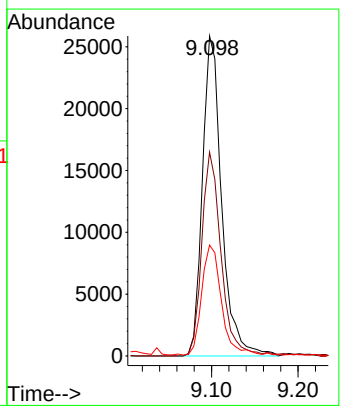
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

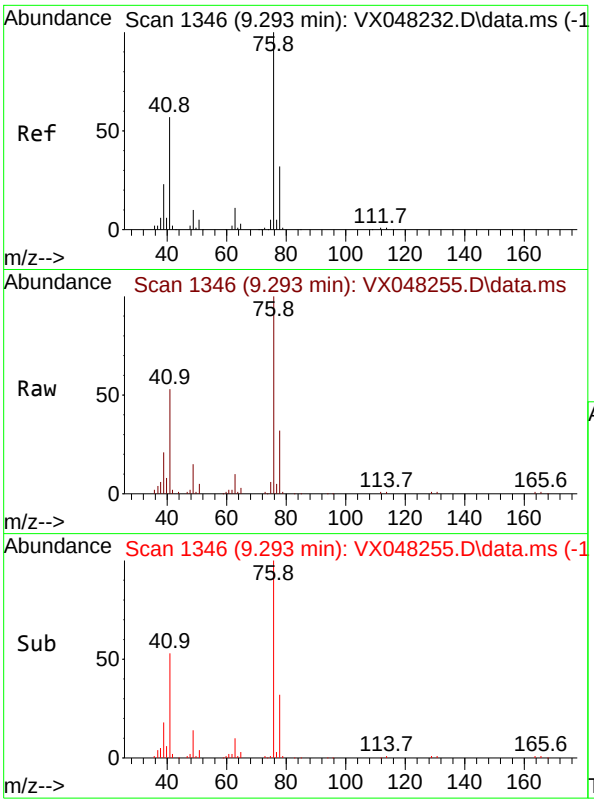


#56
Ethyl methacrylate
Concen: 17.852 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 69 Resp: 39990

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.4	31.6	47.4

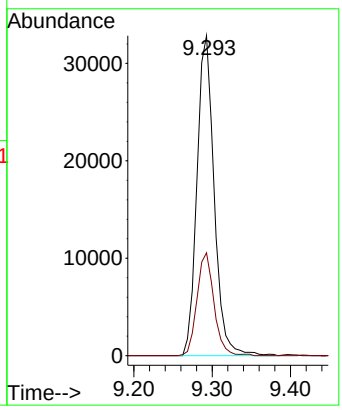




#57
1,3-Dichloropropane
Concen: 19.160 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 76 Resp: 5012

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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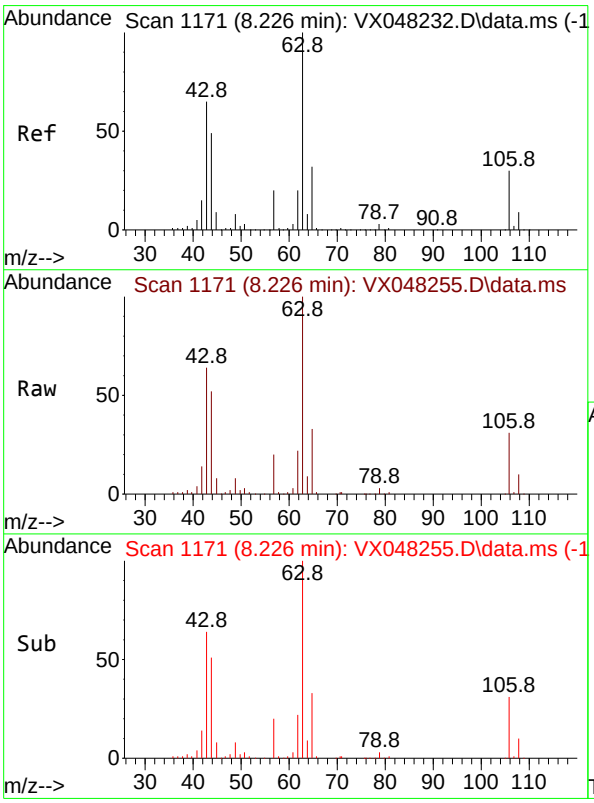
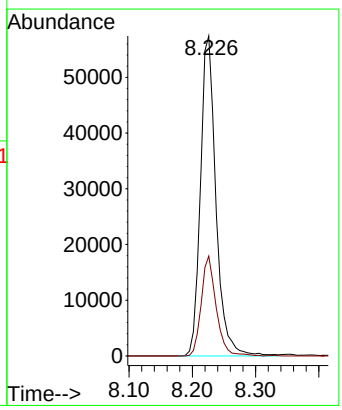
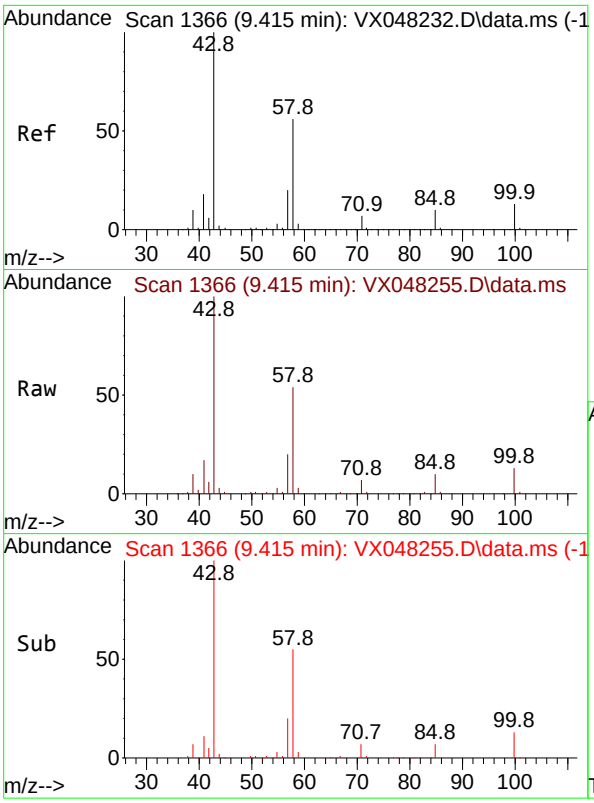


#58
2-Chloroethyl Vinyl ether
Concen: 82.586 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 98096

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.2





#59
2-Hexanone
Concen: 85.909 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 10499

Ion	Ratio	Lower	Upper
43	100		
58	55.3	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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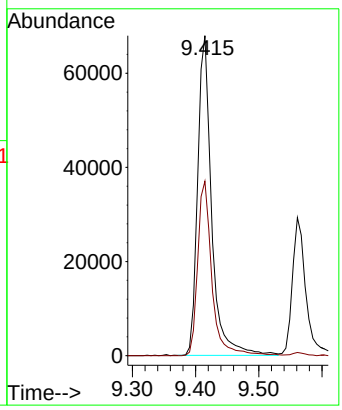
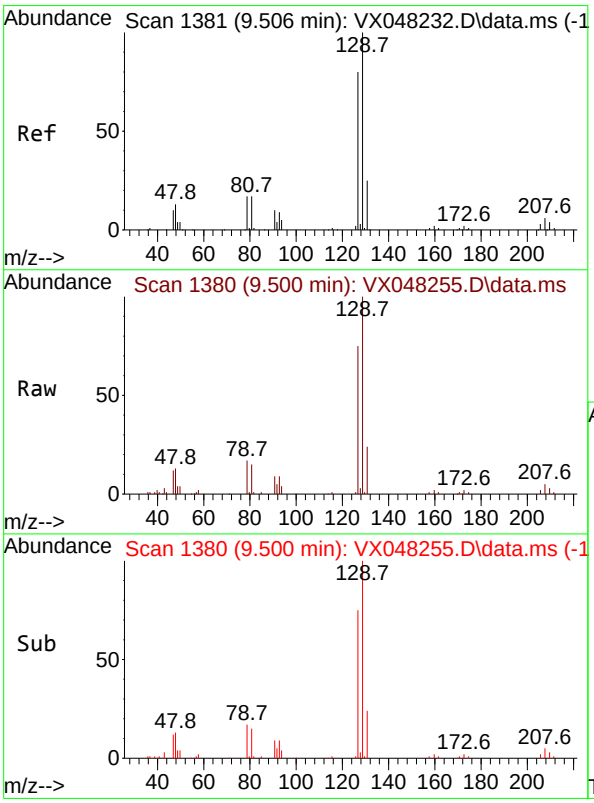
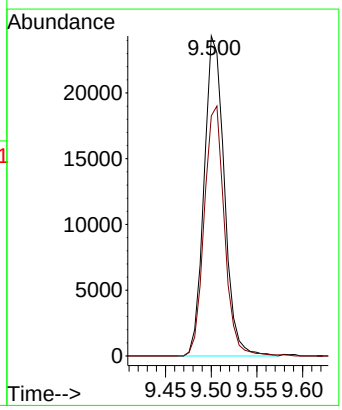


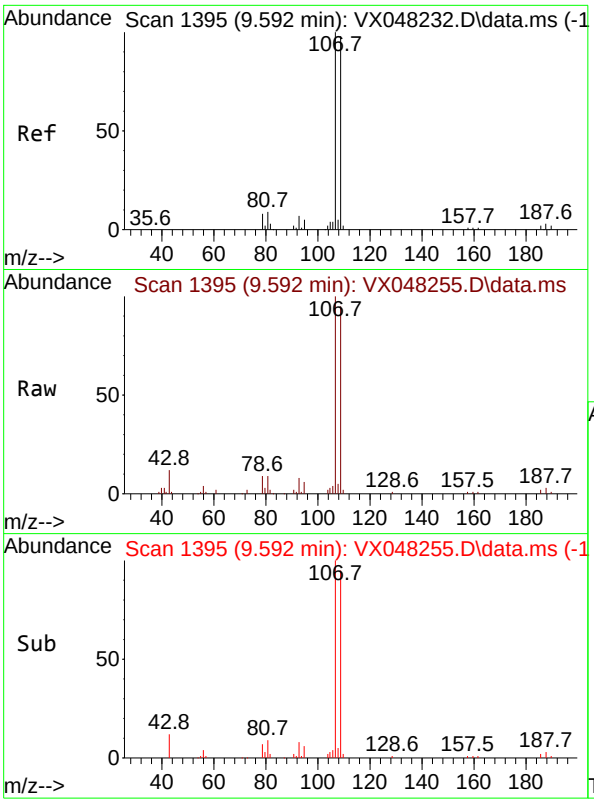


#60
Dibromochloromethane
Concen: 18.114 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:129 Resp: 37288

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.7





#61
1,2-Dibromoethane
Concen: 18.554 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:107 Resp: 3029

Ion	Ratio	Lower	Upper
107	100		
109	94.2	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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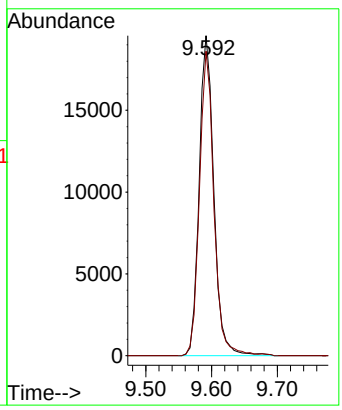
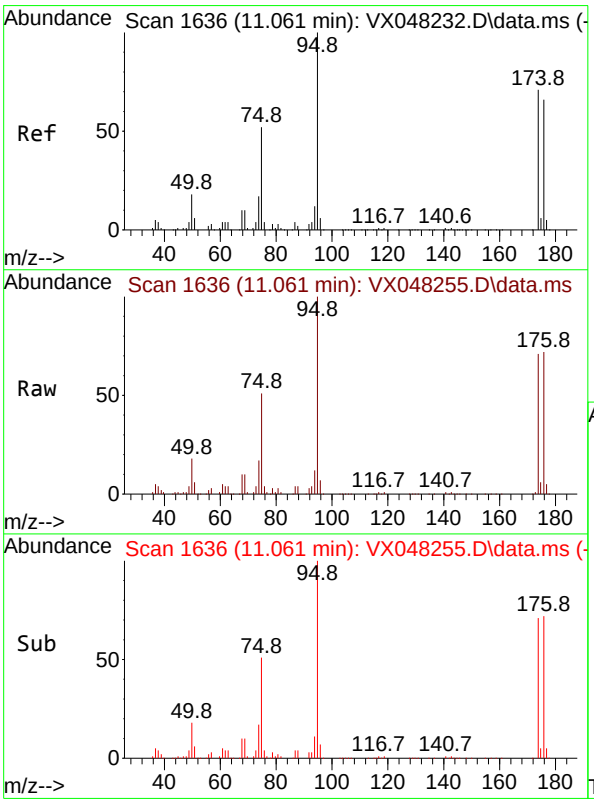
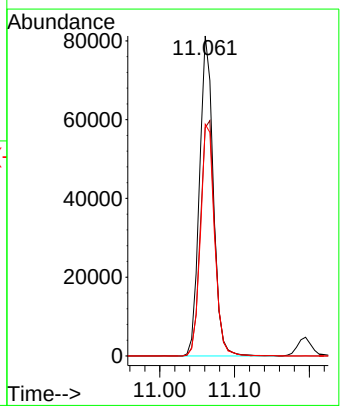


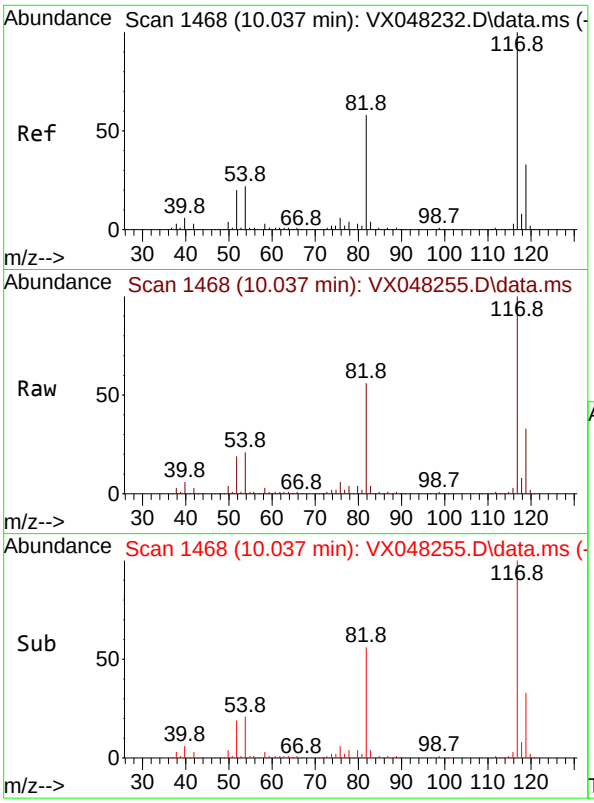


#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 95 Resp: 104113

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	147.8
176	74.0	0.0	142.8

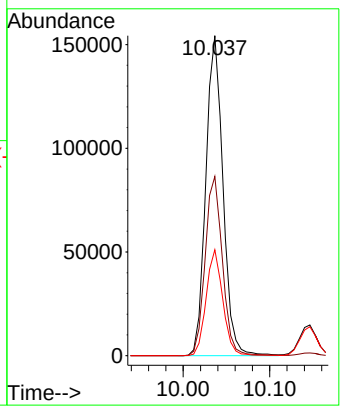




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 21234

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	33.1	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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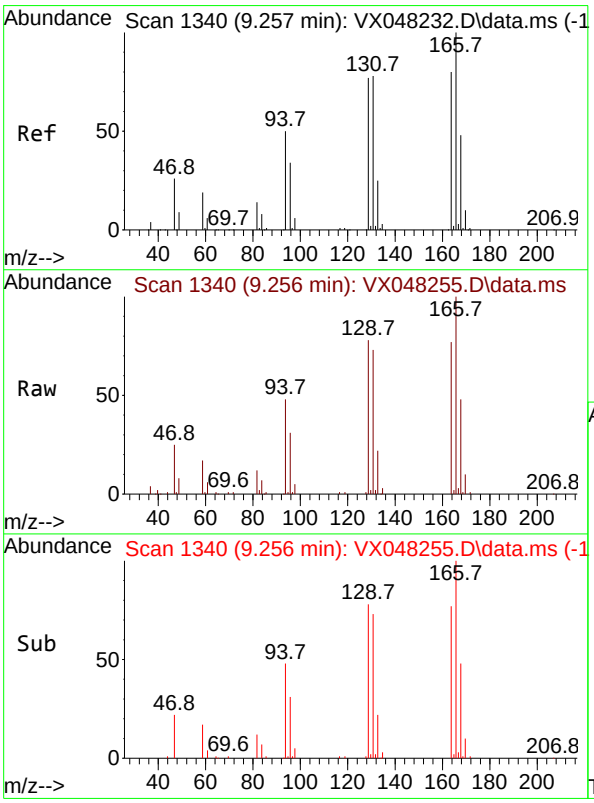
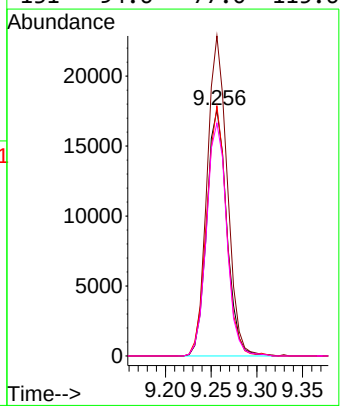
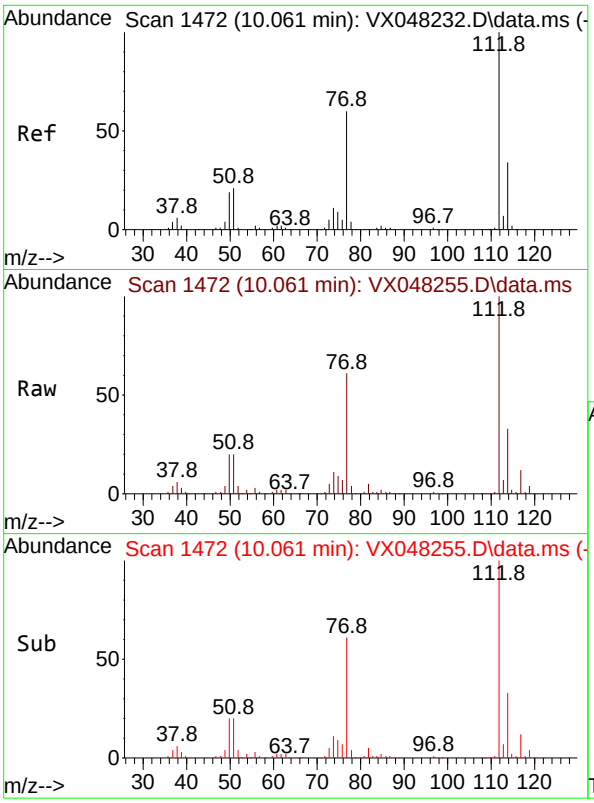


#64
Tetrachloroethene
Concen: 16.909 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:164 Resp: 26804

Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.5	156.7
129	101.5	81.8	122.6
131	94.6	77.0	115.6





#65
Chlorobenzene
Concen: 17.974 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:112 Resp: 8585

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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Reviewed By :John Carlone 10/24/2025
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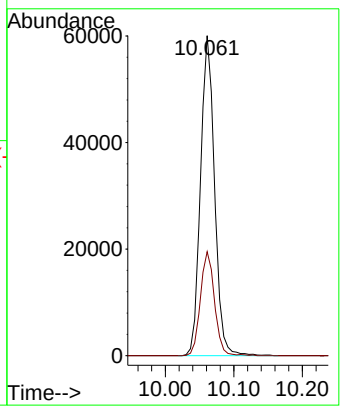
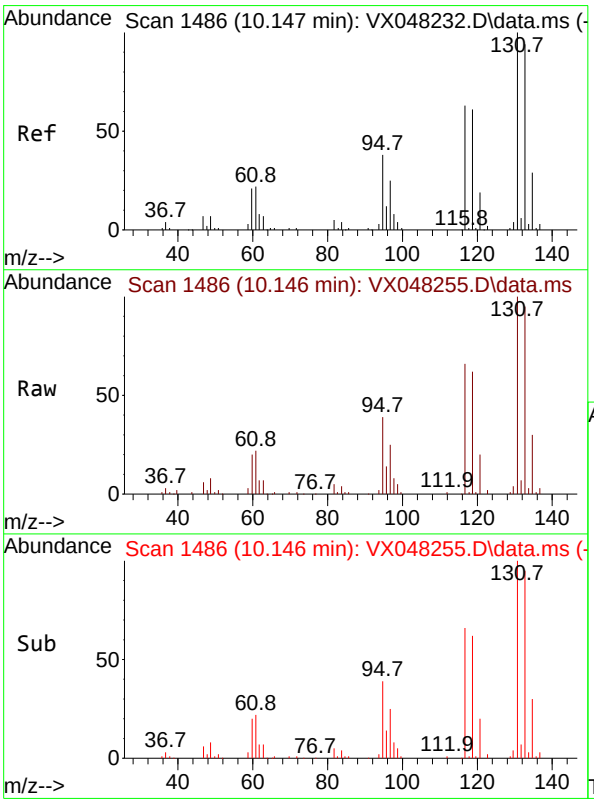
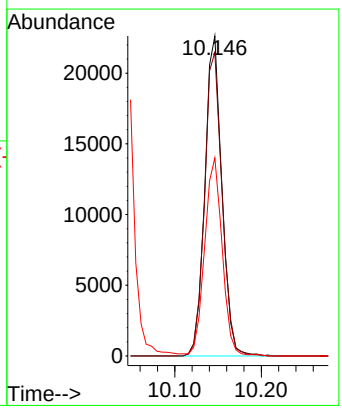


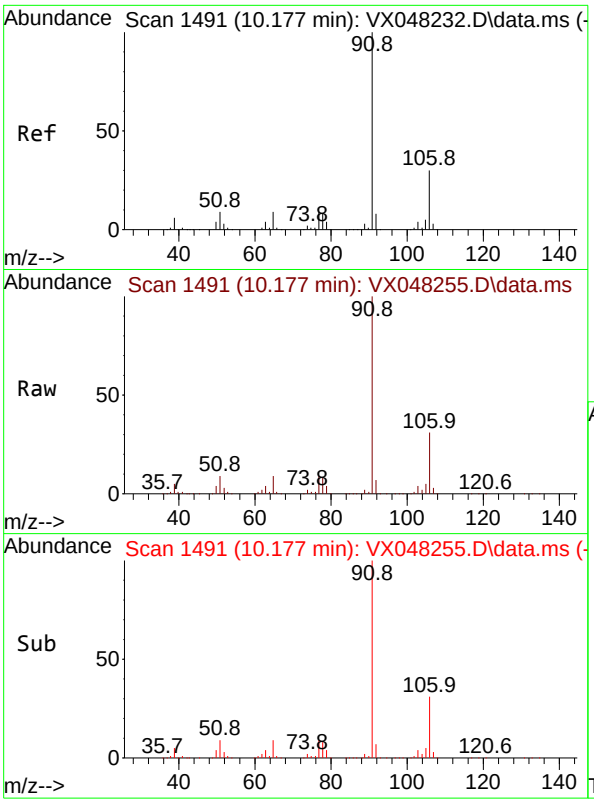


#66
1,1,1,2-Tetrachloroethane
Concen: 17.566 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:131 Resp: 30819

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.6	142.8
119	63.9	32.5	97.5





#67
Ethyl Benzene
Concen: 17.824 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 14495

Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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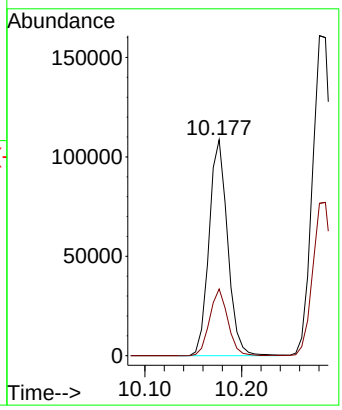
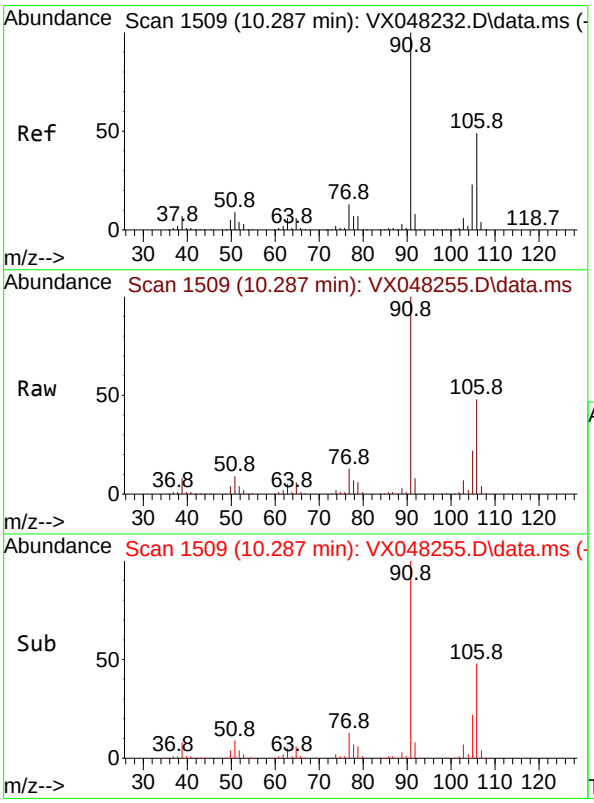
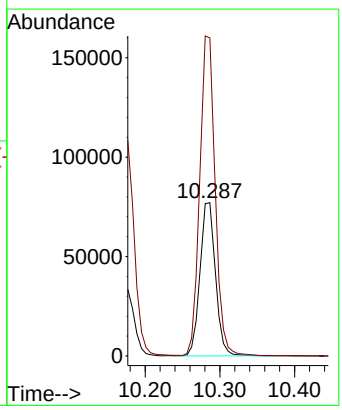


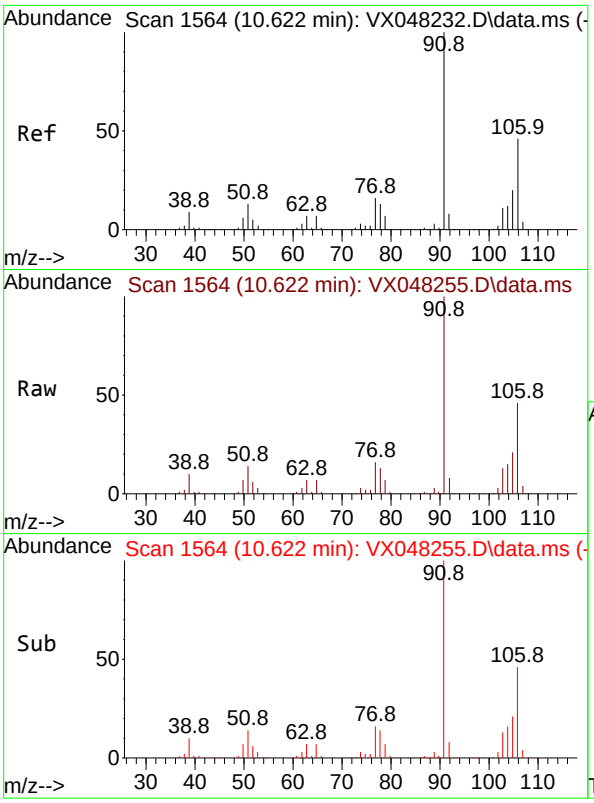


#68
m/p-Xylenes
Concen: 36.763 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:106 Resp: 111086

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.9	251.9





#69
o-Xylene
Concen: 18.060 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:106 Resp: 5268

Ion	Ratio	Lower	Upper
106	100		
91	217.5	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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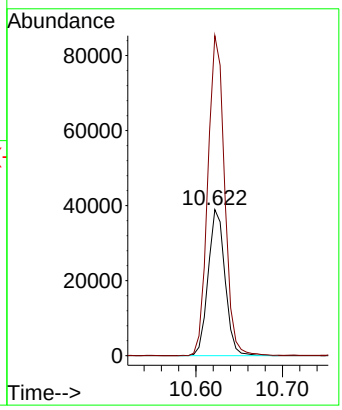
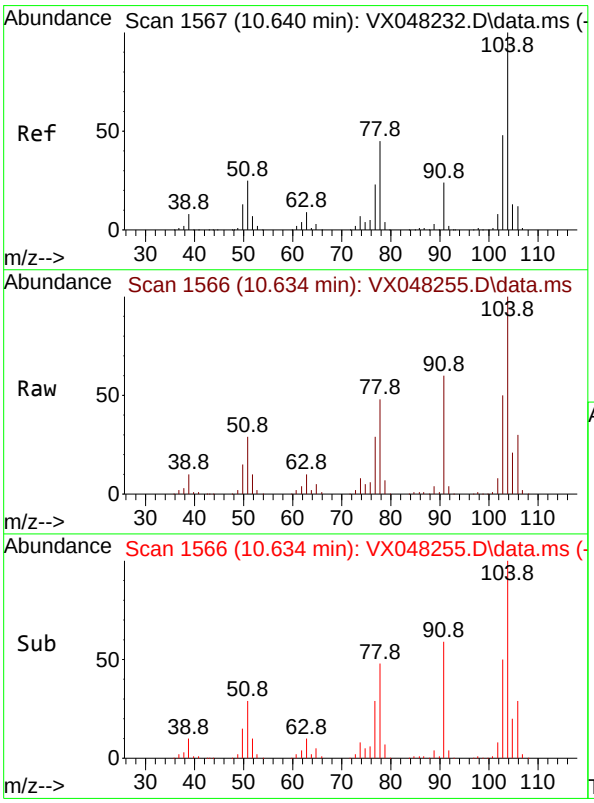
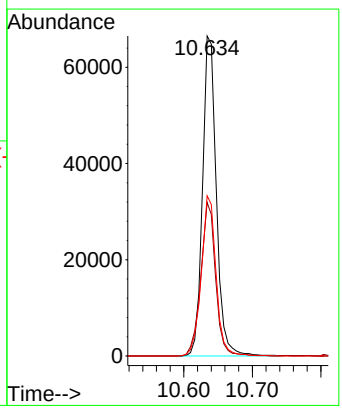


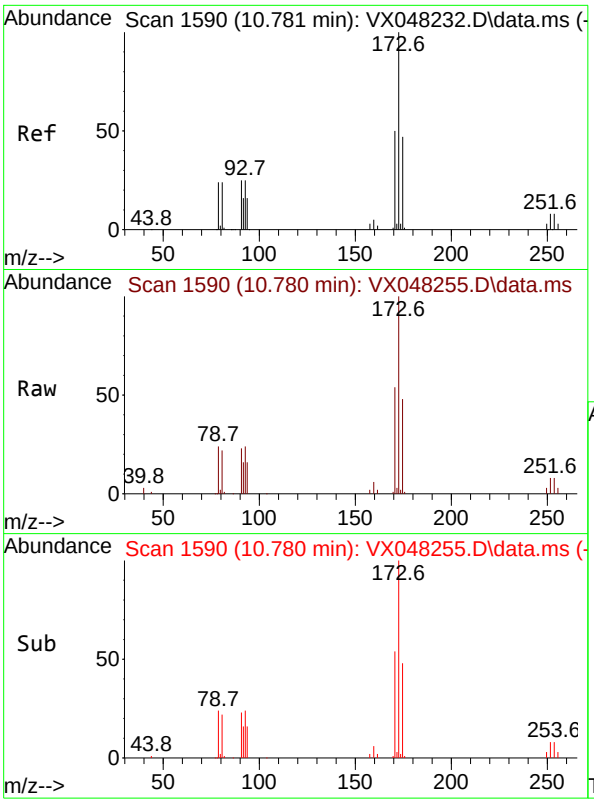


#70
Styrene
Concen: 18.838 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:104 Resp: 93575

Ion	Ratio	Lower	Upper
104	100		
78	51.4	42.2	63.4
103	53.3	43.0	64.4

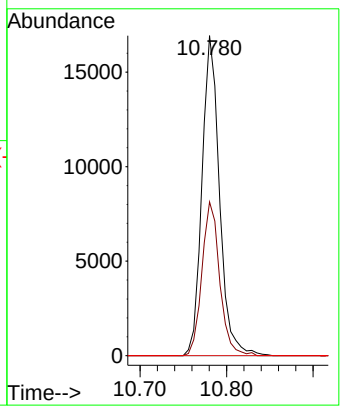




#71
Bromoform
Concen: 16.952 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:173 Resp: 2377

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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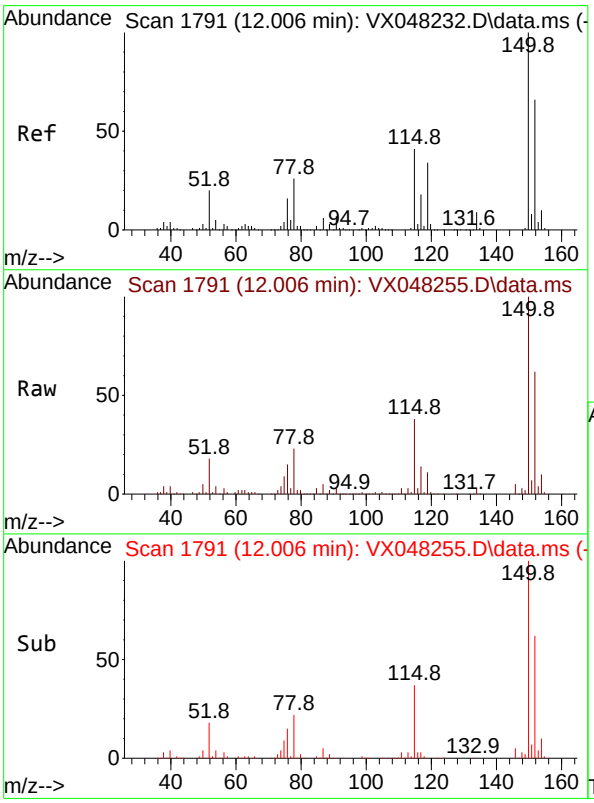
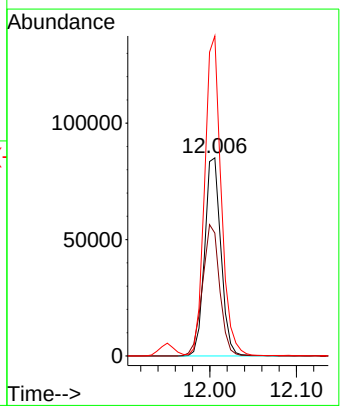
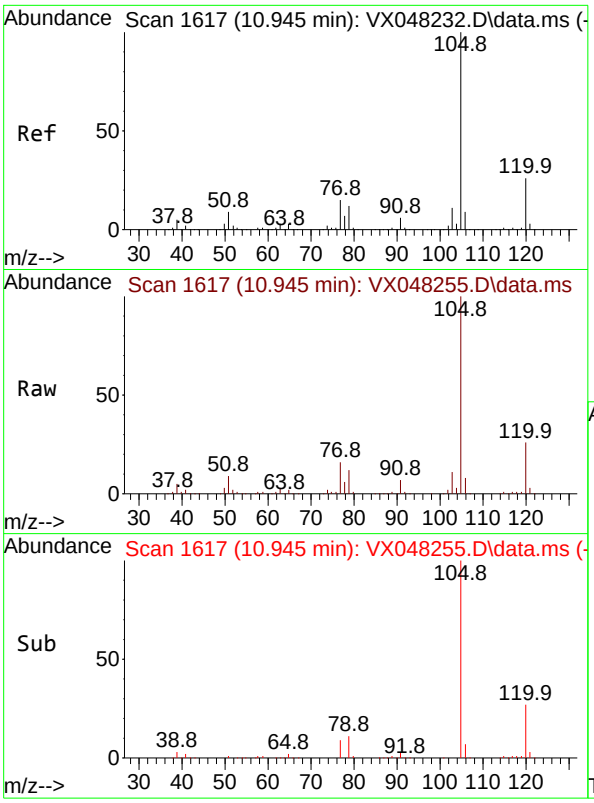


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:152 Resp: 110789

Ion	Ratio	Lower	Upper
152	100		
115	70.2	43.1	129.4
150	163.8	0.0	353.0

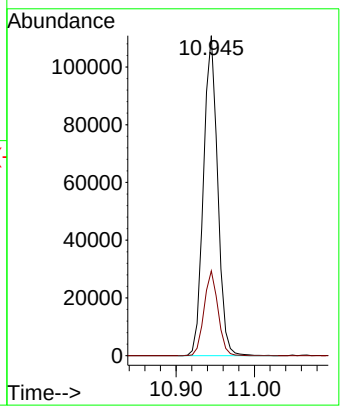




#73
Isopropylbenzene
Concen: 17.144 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 13872

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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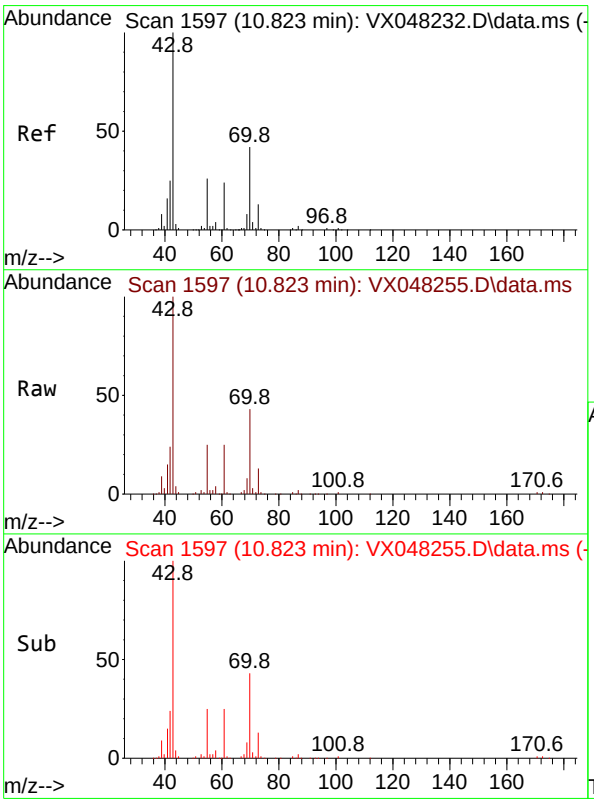
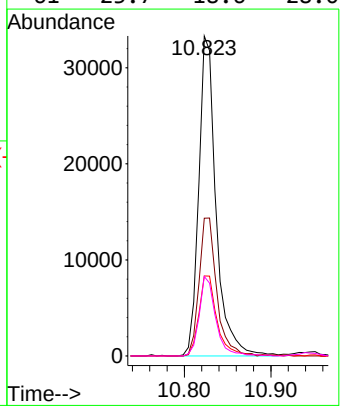
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

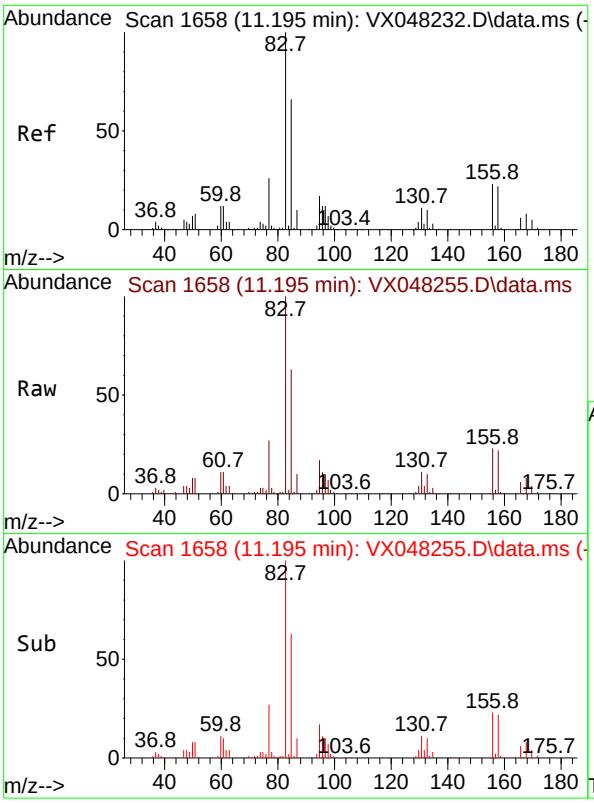


#74
N-amyl acetate
Concen: 16.144 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 46339

Ion	Ratio	Lower	Upper
43	100		
70	43.9	32.2	48.2
55	26.2	19.1	28.7
61	23.7	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 83 Resp: 3812

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.8	14.4
85	63.9	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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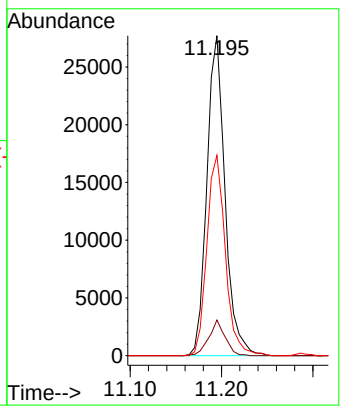
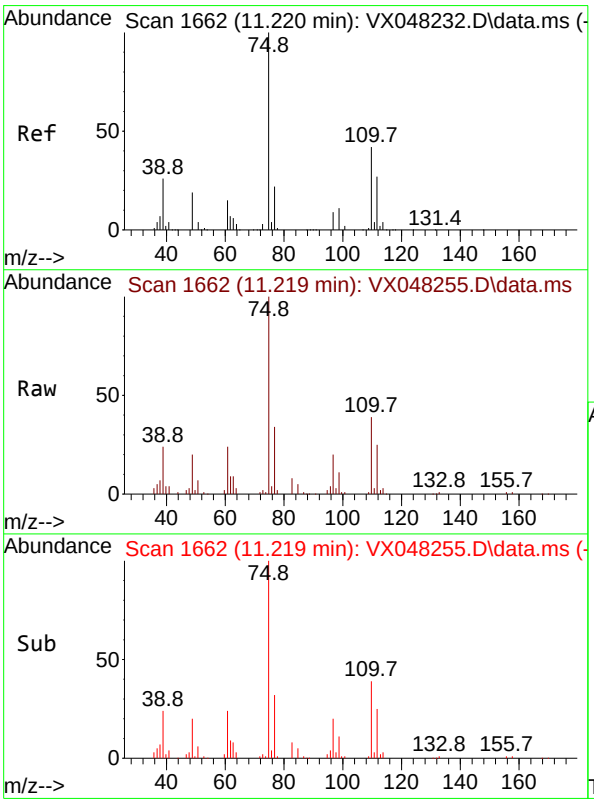
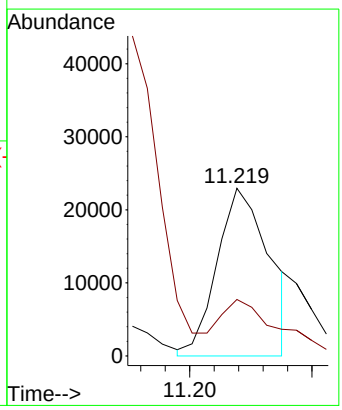


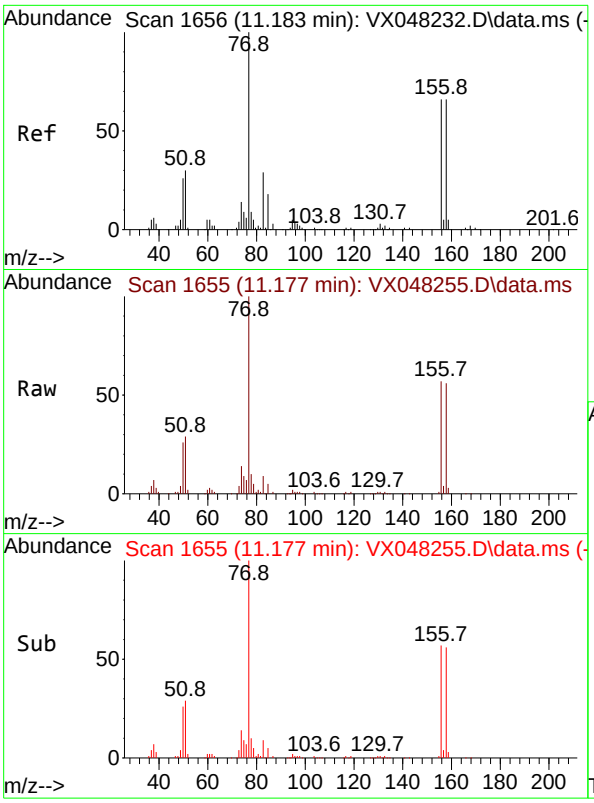


#76
1,2,3-Trichloropropane
Concen: 18.905 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 33965

Ion	Ratio	Lower	Upper
75	100		
77	37.7	22.4	67.2

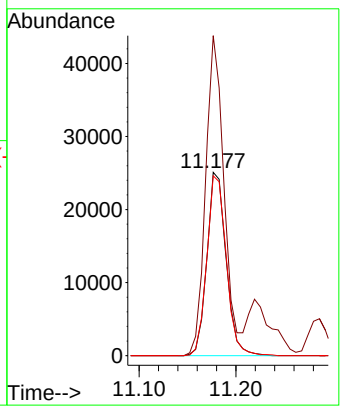




#77
Bromobenzene
Concen: 17.087 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:156 Resp: 3466

Ion	Ratio	Lower	Upper
156	100		
77	164.6	87.0	261.0
158	99.9	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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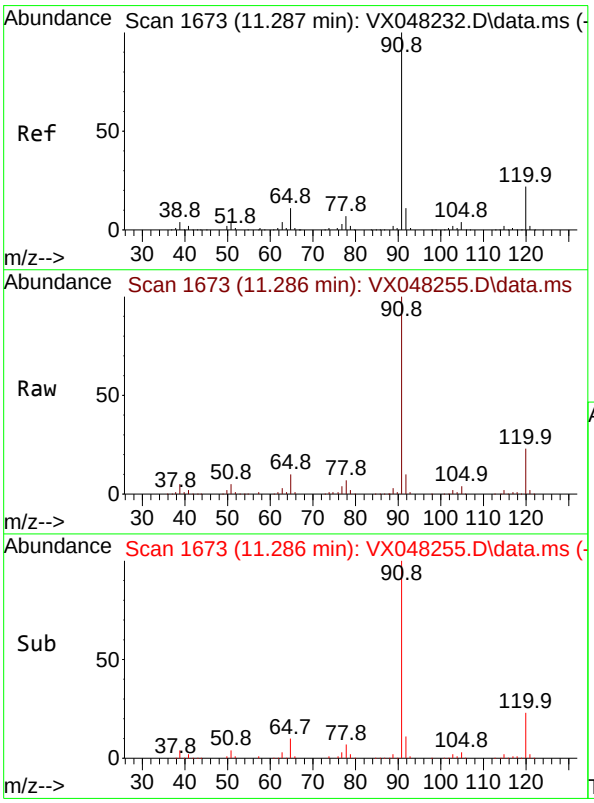
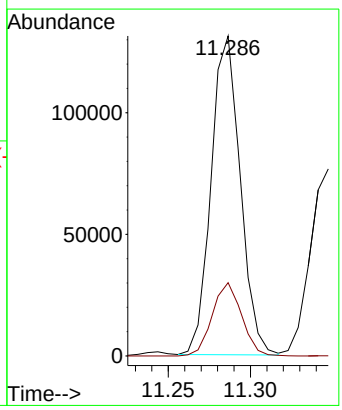
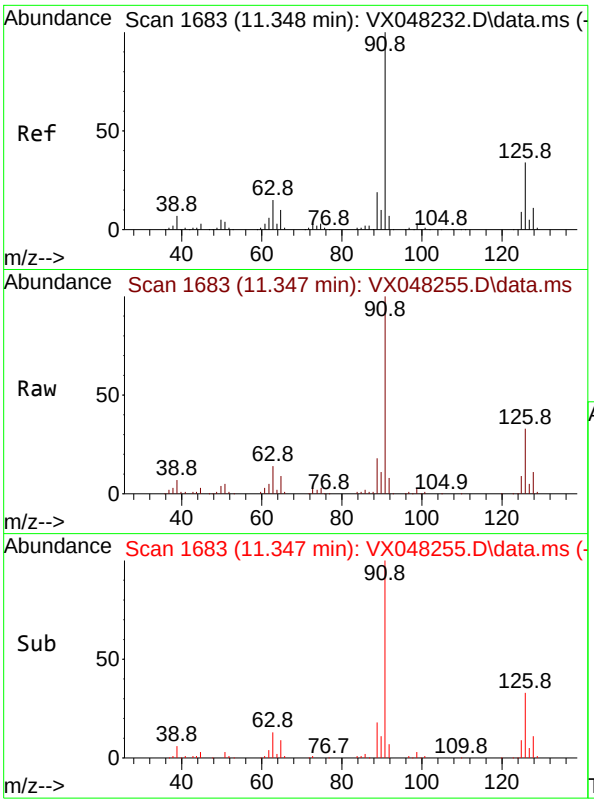


#78
n-propylbenzene
Concen: 17.266 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 161765

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 17.293 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 9823

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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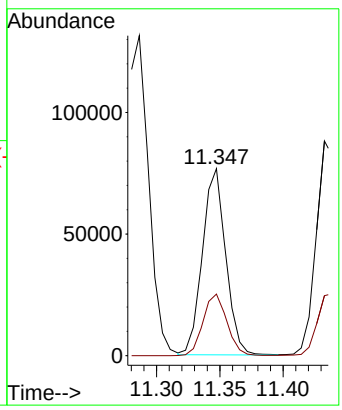
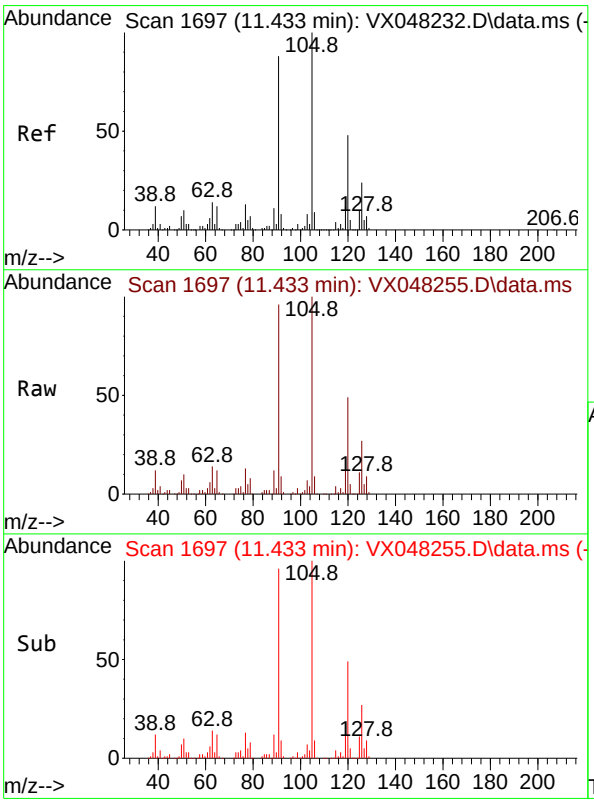
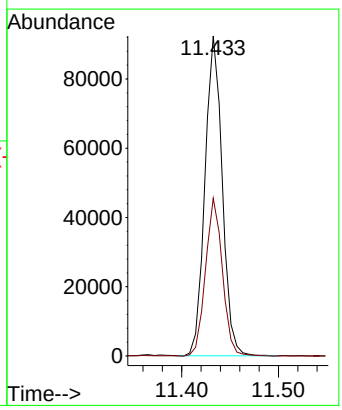


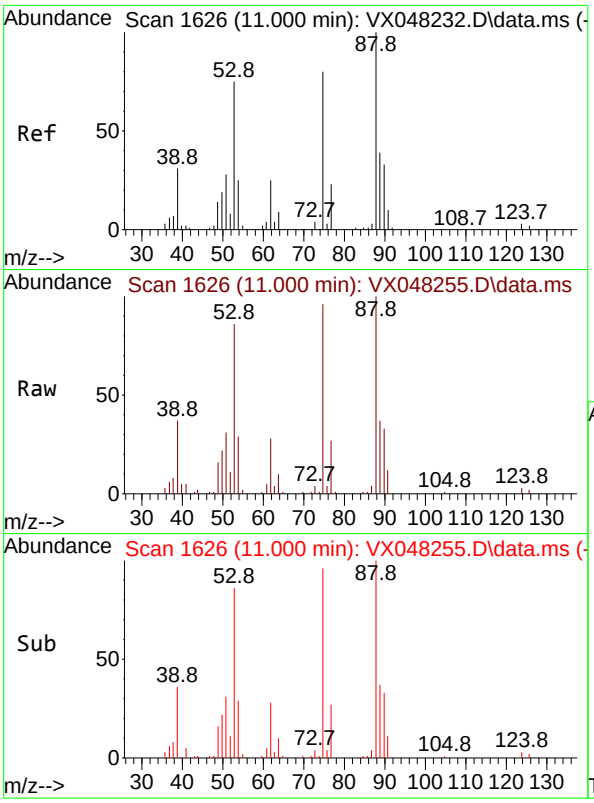


#80
1,3,5-Trimethylbenzene
Concen: 17.137 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 114762

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.530 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 1220

Ion	Ratio	Lower	Upper
75	100		
53	95.6	79.5	119.3
89	43.7	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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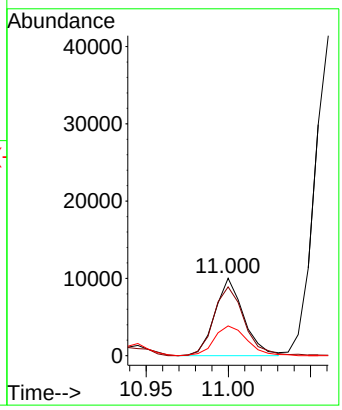
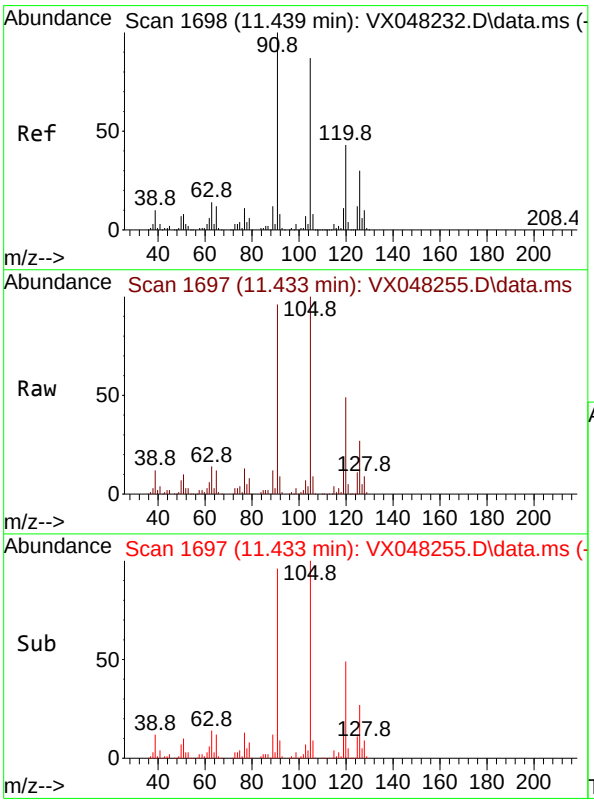
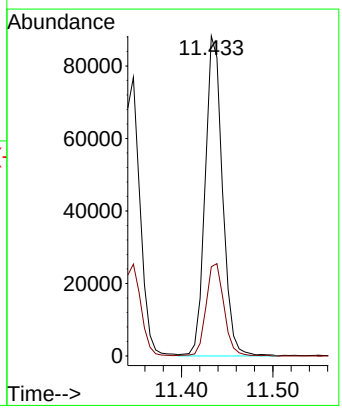


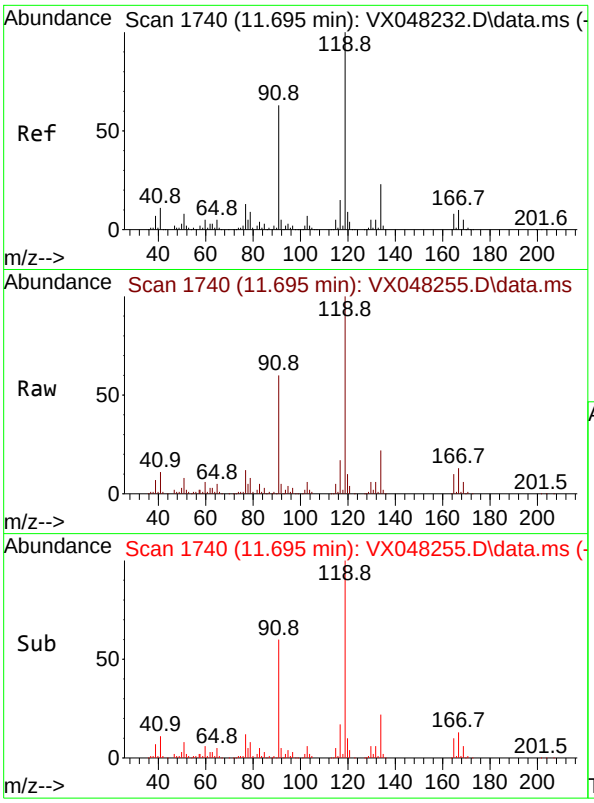


#82
4-Chlorotoluene
Concen: 17.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 115993

Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.1	42.4

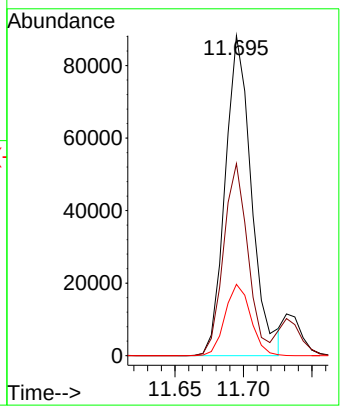




#83
tert-Butylbenzene
Concen: 17.108 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:119 Resp: 11771

Ion	Ratio	Lower	Upper
119	100		
91	56.3	30.3	91.0
134	21.8	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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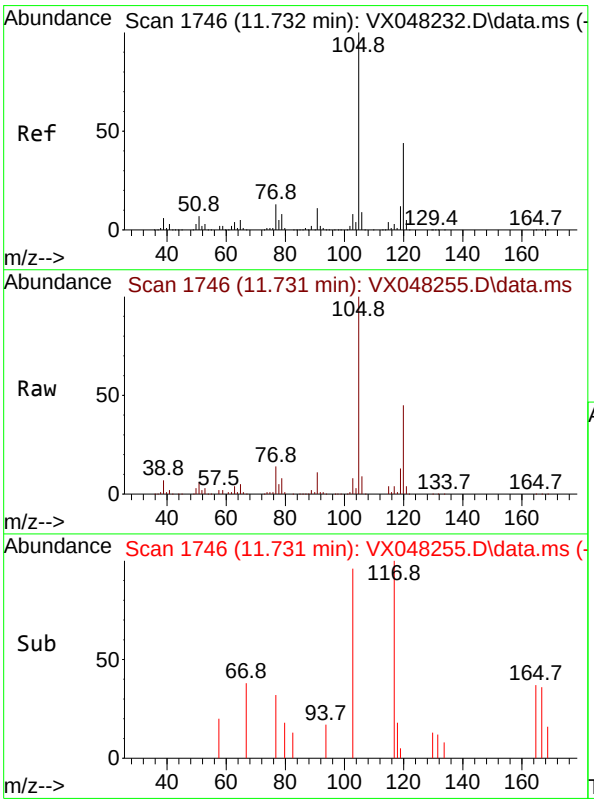
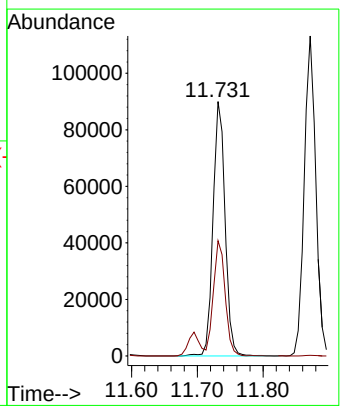
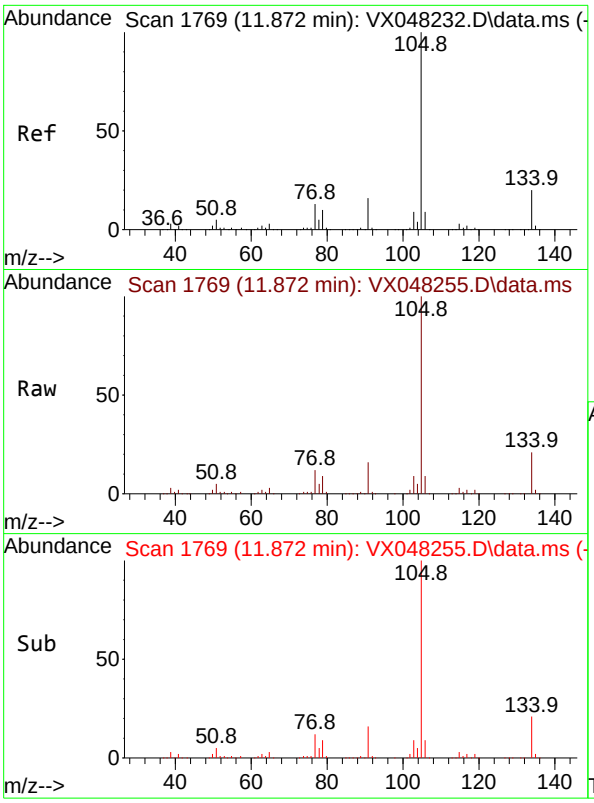


#84
1,2,4-Trimethylbenzene
Concen: 17.197 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 114927

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5





#85
sec-Butylbenzene
Concen: 16.712 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 13834

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

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Reviewed By :John Carlone 10/24/2025
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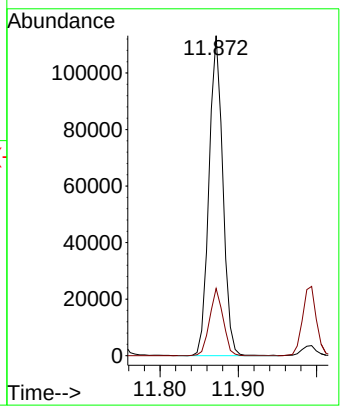
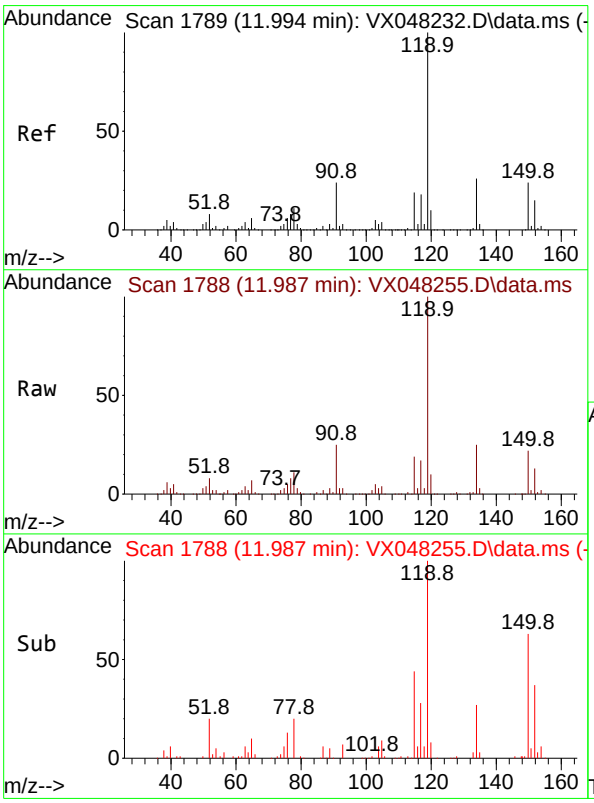
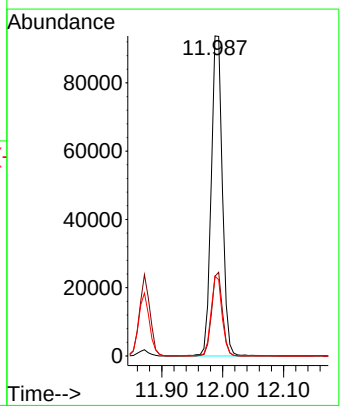


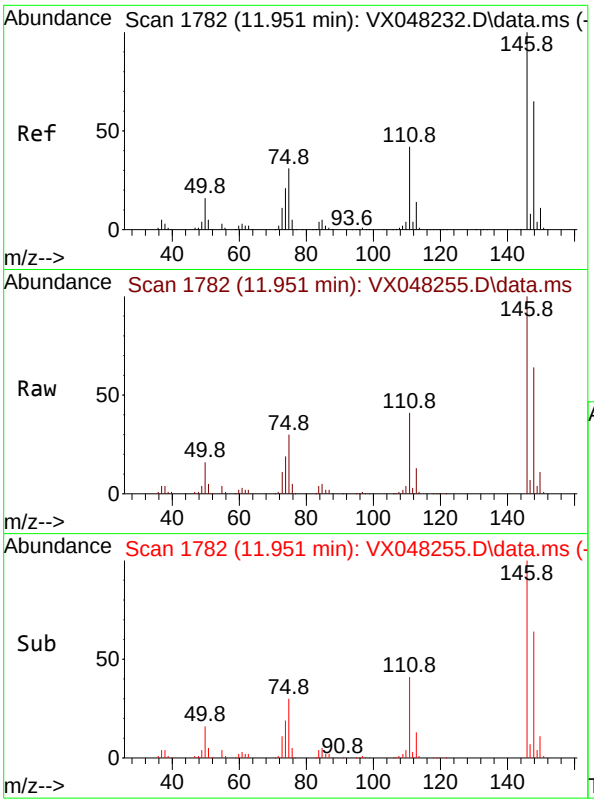


#86
p-Isopropyltoluene
Concen: 16.665 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:119 Resp: 119237

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.0	39.0
91	24.6	12.1	36.3

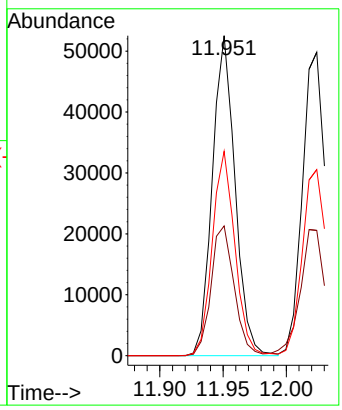




#87
1,3-Dichlorobenzene
Concen: 17.154 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:146 Resp: 6561

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.6	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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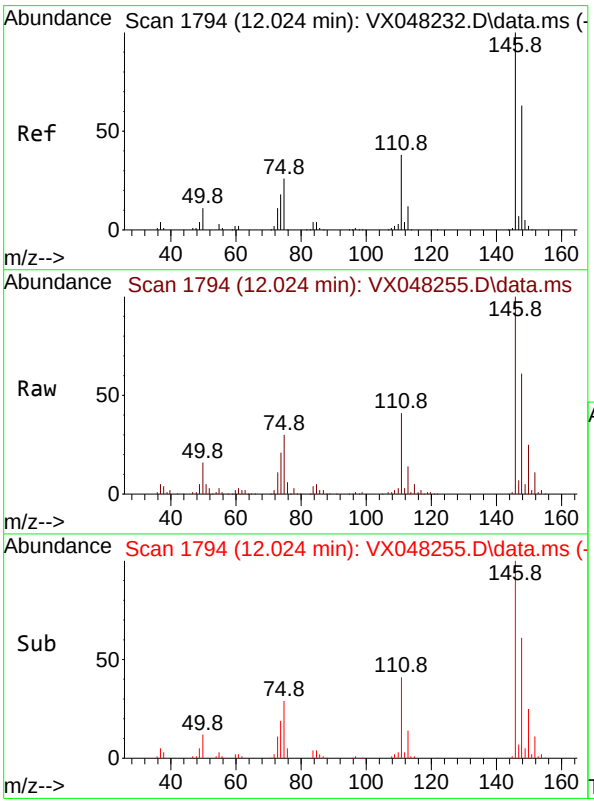
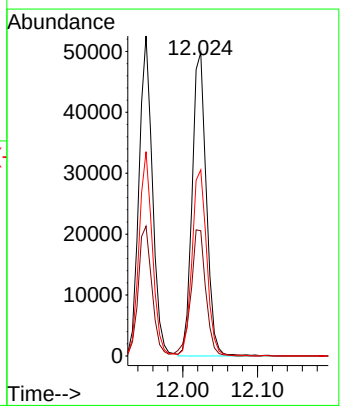
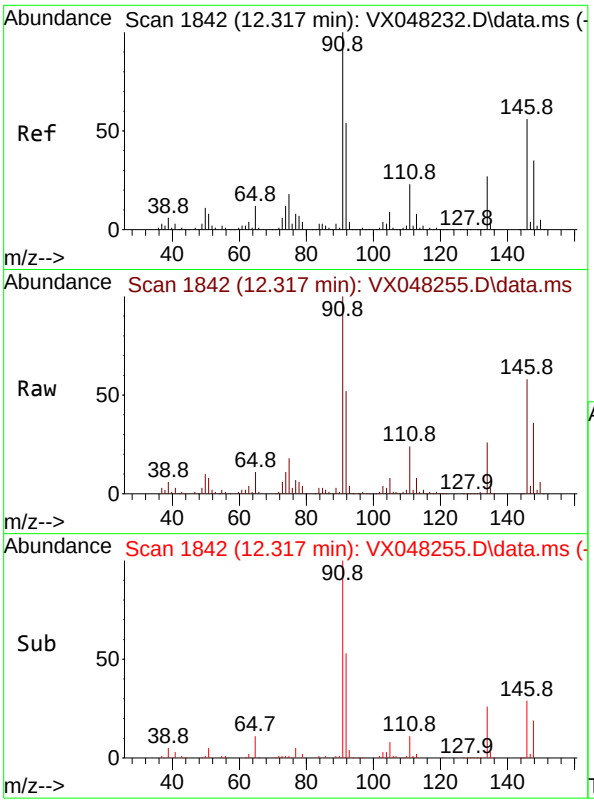


#88
1,4-Dichlorobenzene
Concen: 16.604 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:146 Resp: 65796

Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.1	60.2
148	63.3	31.8	95.3





#89
n-Butylbenzene
Concen: 15.875 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 10338

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.6
134	26.0	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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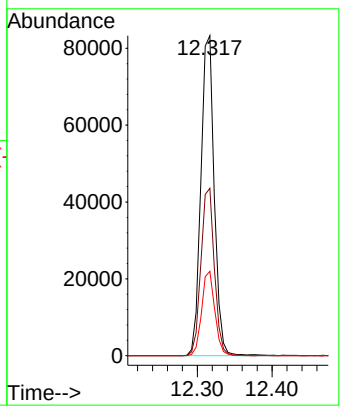
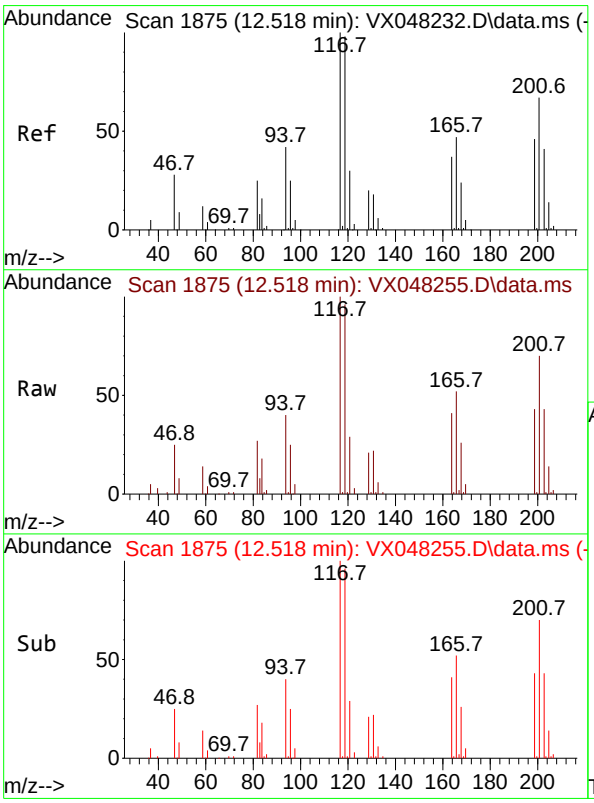
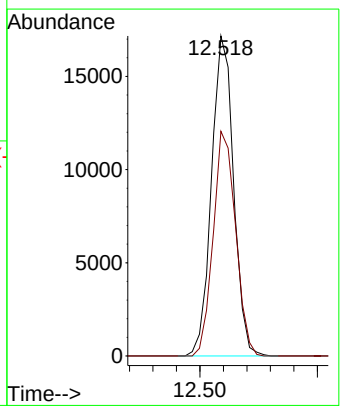


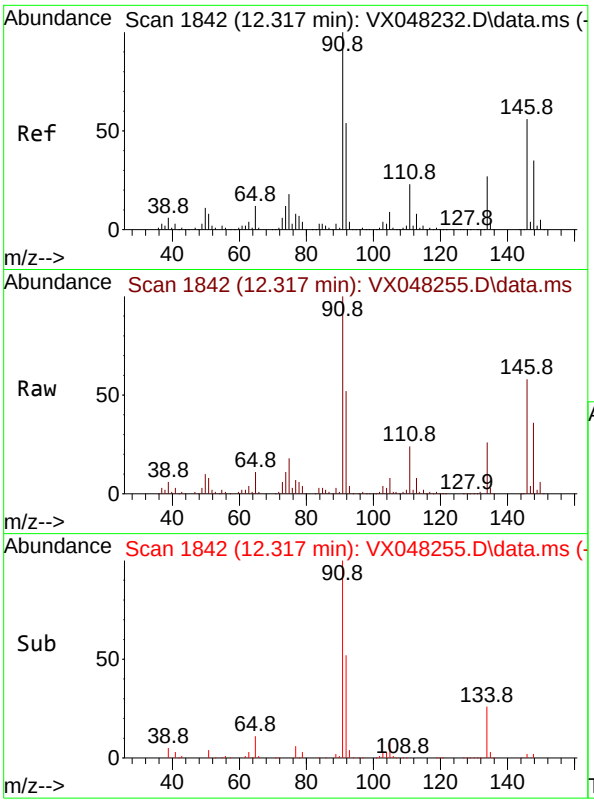


#90
Hexachloroethane
Concen: 15.825 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 22360

Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.1	102.2

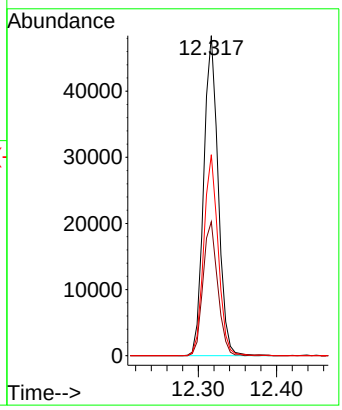




#91
1,2-Dichlorobenzene
Concen: 17.219 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:146 Resp: 6183

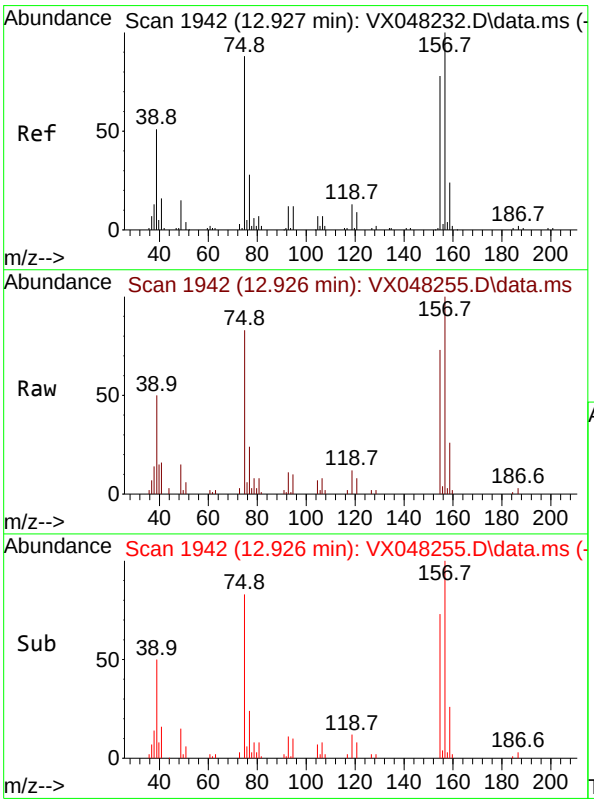
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.5
148	62.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
APPROVED

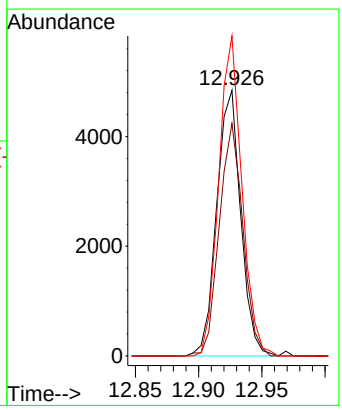
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

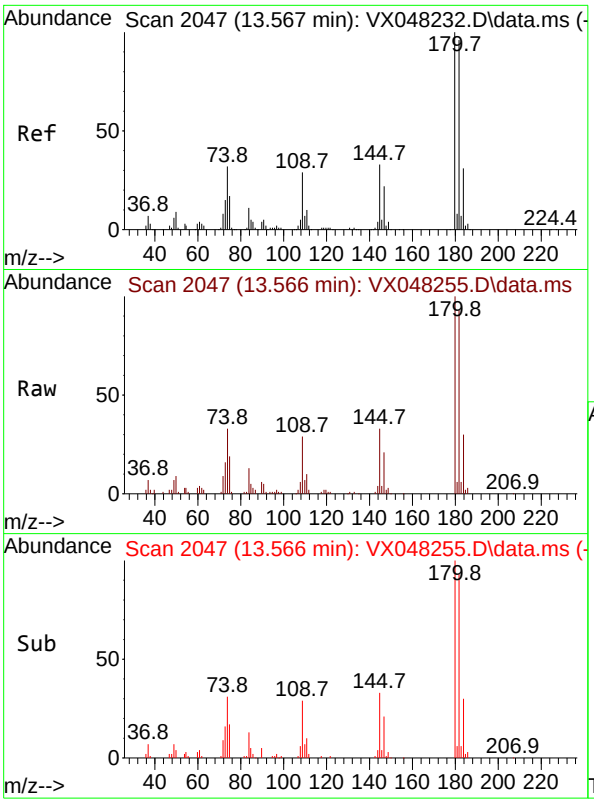


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.205 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 6372

Ion	Ratio	Lower	Upper
75	100		
155	86.2	42.8	128.4
157	116.0	54.2	162.6





#93
1,2,4-Trichlorobenzene
Concen: 15.216 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

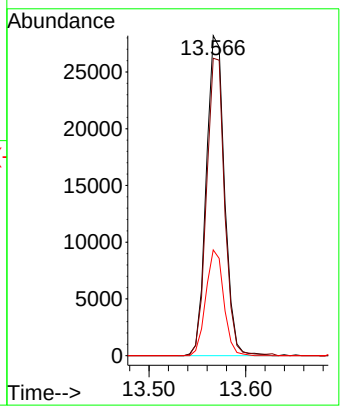
Tgt Ion:180 Resp: 3695

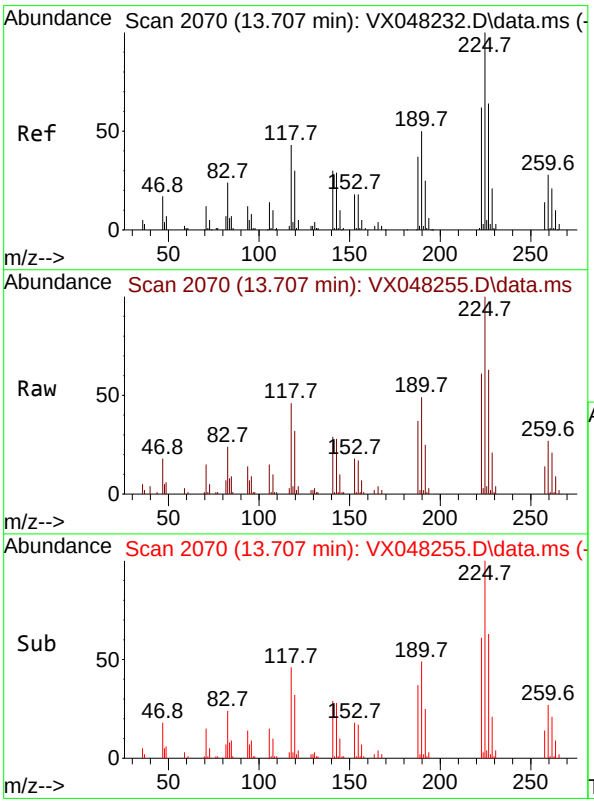
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	142.0
145	32.5	16.3	48.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

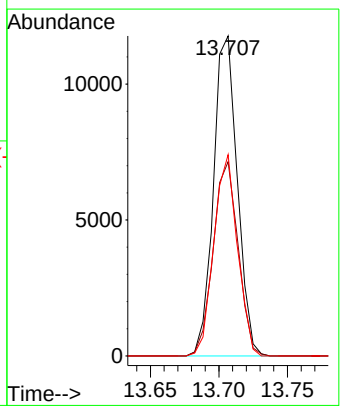


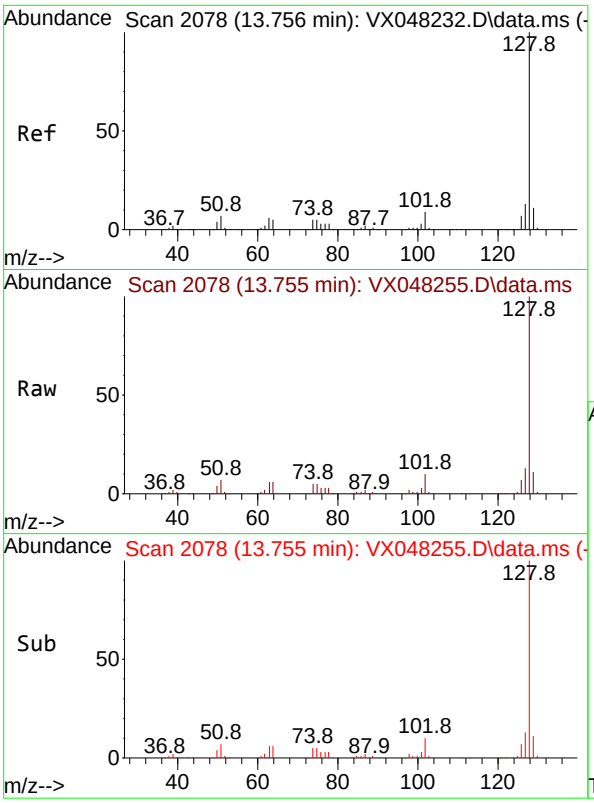


#94
Hexachlorobutadiene
Concen: 15.707 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:225 Resp: 14253

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	62.2	32.5	97.4

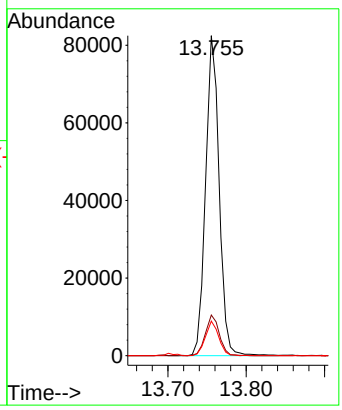




#95
Naphthalene
Concen: 15.345 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:128 Resp: 9873

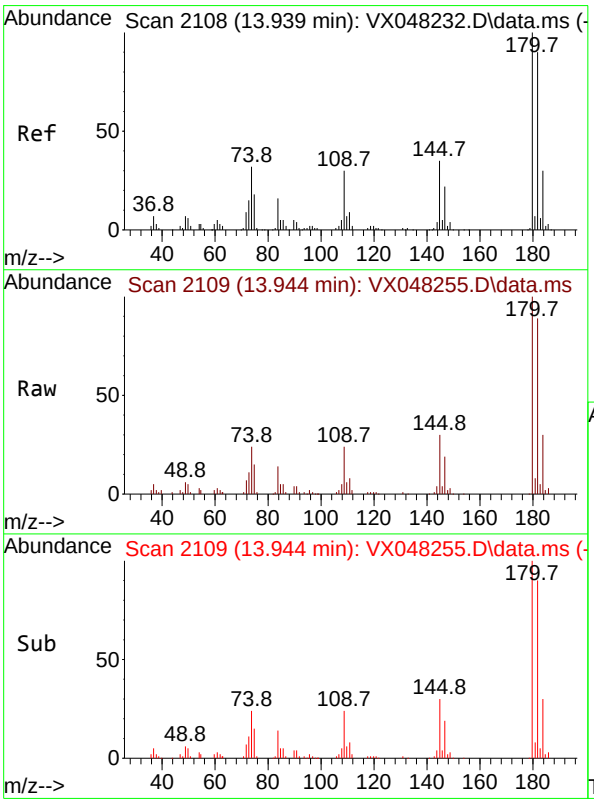
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Manual Integrations
APPROVED

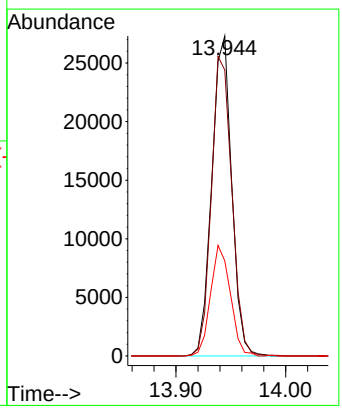
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.454 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:180 Resp: 34440

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.7
145	34.4	16.9	50.7



Raw Data: **VY023561.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBS01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	18.6		1	1.10	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
74-87-3	Chloromethane	17.3		1	1.10	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-01-4	Vinyl Chloride	18.0		1	0.79	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
74-83-9	Bromomethane	20.6		1	1.10	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
75-00-3	Chloroethane	18.5		1	1.30	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-69-4	Trichlorofluoromethane	19.0		1	1.20	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	1.10	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-35-4	1,1-Dichloroethene	19.8		1	1.00	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
67-64-1	Acetone	130		1	4.70	20.0	25.0	ug/Kg	10/24/25 09:52	VY102425
75-15-0	Carbon Disulfide	18.4		1	1.10	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
1634-04-4	Methyl tert-butyl Ether	20.0		1	0.73	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
79-20-9	Methyl Acetate	17.2		1	1.50	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
75-09-2	Methylene Chloride	18.5		1	3.50	8.00	10.0	ug/Kg	10/24/25 09:52	VY102425
156-60-5	trans-1,2-Dichloroethene	20.1		1	0.86	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-34-3	1,1-Dichloroethane	19.8		1	0.80	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
110-82-7	Cyclohexane	18.3		1	0.79	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
78-93-3	2-Butanone	110		1	6.50	20.0	25.0	ug/Kg	10/24/25 09:52	VY102425
56-23-5	Carbon Tetrachloride	20.6		1	0.97	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
156-59-2	cis-1,2-Dichloroethene	20.9		1	0.75	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
74-97-5	Bromochloromethane	18.9		1	1.20	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
67-66-3	Chloroform	20.4		1	0.84	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
71-55-6	1,1,1-Trichloroethane	20.5		1	0.93	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
108-87-2	Methylcyclohexane	20.0		1	0.91	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
71-43-2	Benzene	20.7		1	0.79	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
107-06-2	1,2-Dichloroethane	19.6		1	0.79	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
79-01-6	Trichloroethene	21.4		1	0.81	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
78-87-5	1,2-Dichloropropane	20.3		1	0.91	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-27-4	Bromodichloromethane	20.8		1	0.78	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
108-10-1	4-Methyl-2-Pentanone	96.4		1	3.60	12.5	25.0	ug/Kg	10/24/25 09:52	VY102425
108-88-3	Toluene	21.3		1	0.78	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
10061-02-6	t-1,3-Dichloropropene	20.3		1	0.65	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
10061-01-5	cis-1,3-Dichloropropene	20.6		1	0.62	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
79-00-5	1,1,2-Trichloroethane	21.6		1	0.92	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
591-78-6	2-Hexanone	110		1	3.70	12.5	25.0	ug/Kg	10/24/25 09:52	VY102425
124-48-1	Dibromochloromethane	21.3		1	0.87	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
106-93-4	1,2-Dibromoethane	21.4		1	0.88	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
127-18-4	Tetrachloroethene	20.6		1	1.10	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
108-90-7	Chlorobenzene	20.9		1	0.91	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
100-41-4	Ethyl Benzene	20.5		1	0.67	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
179601-23-1	m/p-Xylenes	42.3		1	1.20	5.00	10.0	ug/Kg	10/24/25 09:52	VY102425
95-47-6	o-Xylene	21.1		1	0.82	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
100-42-5	Styrene	20.9		1	0.71	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
75-25-2	Bromoform	20.9		1	0.86	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425

Raw Data: **VY023561.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBS01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.6		1	0.78	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1	1.20	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
541-73-1	1,3-Dichlorobenzene	20.4		1	1.70	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
95-50-1	1,2-Dichlorobenzene	20.4		1	1.50	2.50	5.00	ug/Kg	10/24/25 09:52	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1	1.80	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
87-61-6	1,2,3-Trichlorobenzene	19.6		1	3.20	4.00	5.00	ug/Kg	10/24/25 09:52	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	44.2			71 - 136		88%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.5			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.4			85 - 116		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.3			79 - 119		99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	552000								
540-36-3	1,4-Difluorobenzene	799000								
3114-55-4	Chlorobenzene-d5	710000								
3855-82-1	1,4-Dichlorobenzene-d4	381000								

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\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	551537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	799010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	709717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	203935	44.218	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.440%			
35) Dibromofluoromethane	7.634	113	243016	49.499	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.000%			
50) Toluene-d8	10.109	98	884395	48.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.407	95	297693	49.317	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	73940	18.625	ug/l	99
3) Chloromethane	2.074	50	93760	17.337	ug/l	97
4) Vinyl Chloride	2.208	62	126898	18.015	ug/l	100
5) Bromomethane	2.592	94	121542	20.561	ug/l	100
6) Chloroethane	2.732	64	88904	18.516	ug/l	99
7) Trichlorofluoromethane	3.055	101	186017	19.019	ug/l	99
8) Diethyl Ether	3.458	74	50315	19.688	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	101494	19.998	ug/l	97
10) Methyl Iodide	4.006	142	106029	18.766	ug/l	97
11) Tert butyl alcohol	4.848	59	31189	90.901	ug/l	97
12) 1,1-Dichloroethene	3.787	96	97421	19.802	ug/l	97
13) Acrolein	3.659	56	23585	48.647	ug/l	98
14) Allyl chloride	4.384	41	109431	18.251	ug/l	97
15) Acrylonitrile	5.061	53	93885	95.993	ug/l	98
16) Acetone	3.866	43	140610	128.062	ug/l	99
17) Carbon Disulfide	4.104	76	258594	18.365	ug/l	99
18) Methyl Acetate	4.390	43	49637	17.234	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	236371	19.990	ug/l	96
20) Methylene Chloride	4.616	84	109899	18.510	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108914	20.107	ug/l	97
22) Diisopropyl ether	6.024	45	256039	19.305	ug/l	96
23) Vinyl Acetate	5.963	43	676295	94.207	ug/l	97
24) 1,1-Dichloroethane	5.921	63	174246	19.834	ug/l	98
25) 2-Butanone	6.896	43	151403	112.949	ug/l	100
26) 2,2-Dichloropropane	6.890	77	163903	20.332	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	130666	20.884	ug/l	95
28) Bromochloromethane	7.250	49	61891	18.871	ug/l	90
29) Tetrahydrofuran	7.268	42	69086	90.887	ug/l	93
30) Chloroform	7.420	83	197077	20.417	ug/l	99
31) Cyclohexane	7.701	56	140190	18.272	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	179638	20.479	ug/l	98
36) 1,1-Dichloropropene	7.841	75	130575	20.089	ug/l	99
37) Ethyl Acetate	6.987	43	49292	19.142	ug/l	97
38) Carbon Tetrachloride	7.823	117	162485	20.617	ug/l	99
39) Methylcyclohexane	9.109	83	169117	19.984	ug/l	99
40) Benzene	8.079	78	426341	20.712	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	26399m	18.956	ug/l		
42) 1,2-Dichloroethane	8.158	62	104042	19.599	ug/l		97
43) Isopropyl Acetate	8.201	43	95722	18.643	ug/l		95
44) Trichloroethene	8.865	130	128825	21.383	ug/l		95
45) 1,2-Dichloropropane	9.146	63	92312	20.304	ug/l		100
46) Dibromomethane	9.231	93	59886	20.831	ug/l		96
47) Bromodichloromethane	9.426	83	150883	20.839	ug/l		99
48) Methyl methacrylate	9.225	41	43337	17.966	ug/l		89
49) 1,4-Dioxane	9.231	88	12987	389.621	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	255637	96.362	ug/l		96
52) Toluene	10.170	92	284413	21.281	ug/l		99
53) t-1,3-Dichloropropene	10.395	75	127577	20.264	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	153131	20.608	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	83454	21.587	ug/l		97
56) Ethyl methacrylate	10.438	69	88085	19.752	ug/l		94
57) 1,3-Dichloropropane	10.718	76	126908	20.716	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	198103	99.163	ug/l		97
59) 2-Hexanone	10.761	43	211229	111.416	ug/l		96
60) Dibromochloromethane	10.914	129	115677	21.342	ug/l		100
61) 1,2-Dibromoethane	11.017	107	78817	21.377	ug/l		99
64) Tetrachloroethene	10.645	164	151245	20.639	ug/l		97
65) Chlorobenzene	11.444	112	322004	20.861	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116589	21.195	ug/l		99
67) Ethyl Benzene	11.517	91	512753	20.521	ug/l		99
68) m/p-Xylenes	11.627	106	423494	42.257	ug/l		99
69) o-Xylene	11.956	106	198083	21.072	ug/l		97
70) Styrene	11.968	104	323830	20.949	ug/l		99
71) Bromoform	12.133	173	71371	20.917	ug/l	#	99
73) Isopropylbenzene	12.255	105	516359	20.581	ug/l		100
74) N-amyl acetate	12.072	43	79625	17.669	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	83375	20.318	ug/l		99
76) 1,2,3-Trichloropropane	12.553	75	61116m	18.195	ug/l		
77) Bromobenzene	12.529	156	137052	20.547	ug/l		98
78) n-propylbenzene	12.596	91	595772	20.520	ug/l		99
79) 2-Chlorotoluene	12.675	91	344916	20.287	ug/l		98
80) 1,3,5-Trimethylbenzene	12.736	105	419394	20.686	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	26936	19.665	ug/l		96
82) 4-Chlorotoluene	12.773	91	358669	20.484	ug/l		99
83) tert-Butylbenzene	12.999	119	392010	20.942	ug/l		98
84) 1,2,4-Trimethylbenzene	13.041	105	420704	20.792	ug/l		99
85) sec-Butylbenzene	13.175	105	560392	20.869	ug/l		100
86) p-Isopropyltoluene	13.291	119	476750	20.853	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	264896	20.394	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	264053	20.584	ug/l		100
89) n-Butylbenzene	13.614	91	401494	20.154	ug/l		99
90) Hexachloroethane	13.876	117	99943	20.324	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	232521	20.419	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12890	19.144	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	141537	19.937	ug/l		100
94) Hexachlorobutadiene	15.023	225	90220	20.387	ug/l		100
95) Naphthalene	15.144	128	210092	18.584	ug/l		99
96) 1,2,3-Trichlorobenzene	15.327	180	120577	19.609	ug/l		100

Sample Results: **VY023561.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

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\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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Instrument :
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ClientSampleId :
VY1024SBS01

Manual Integrations APPROVED

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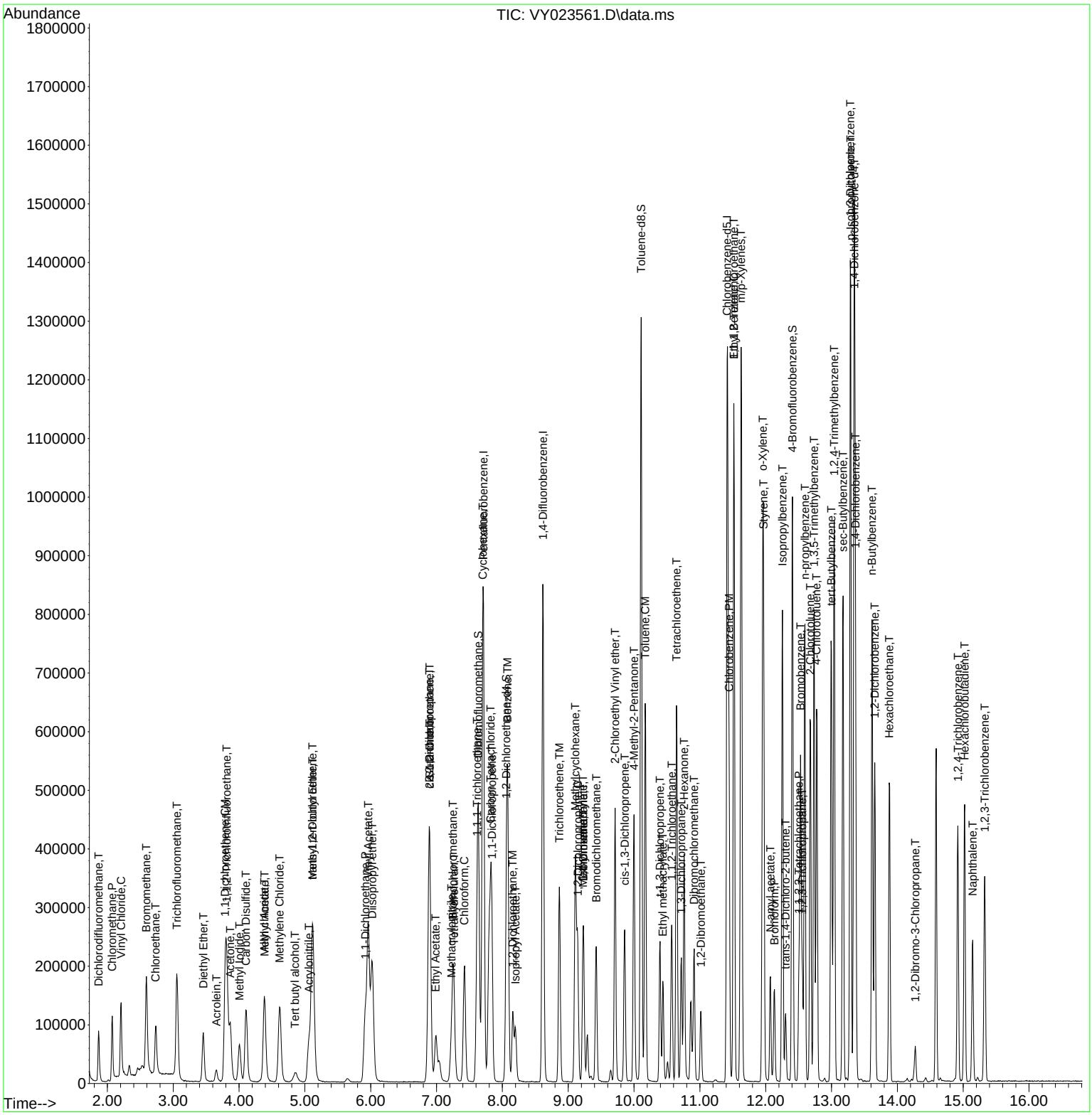
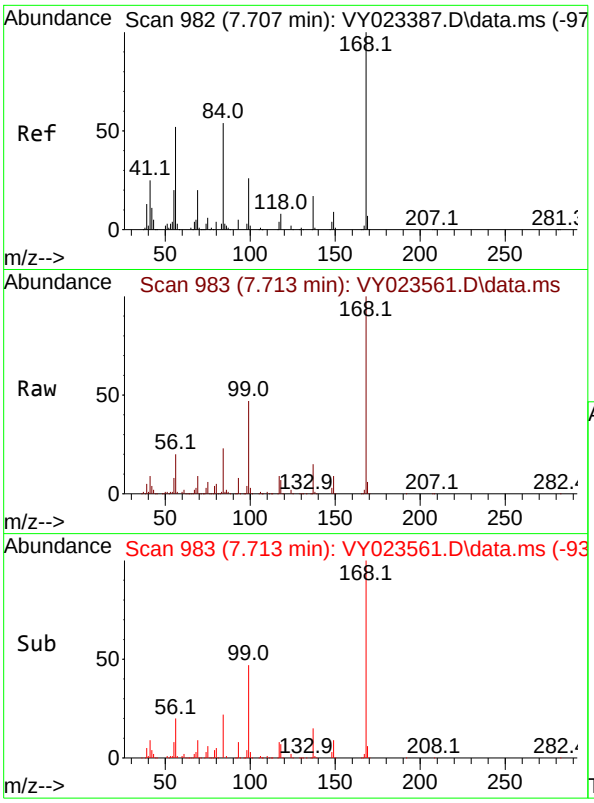
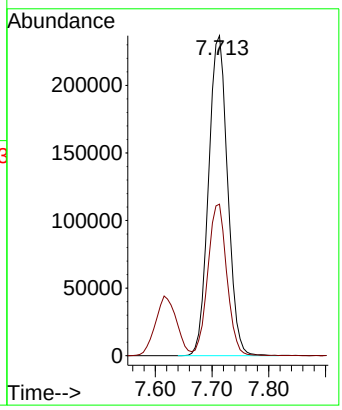




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:168 Resp: 55153

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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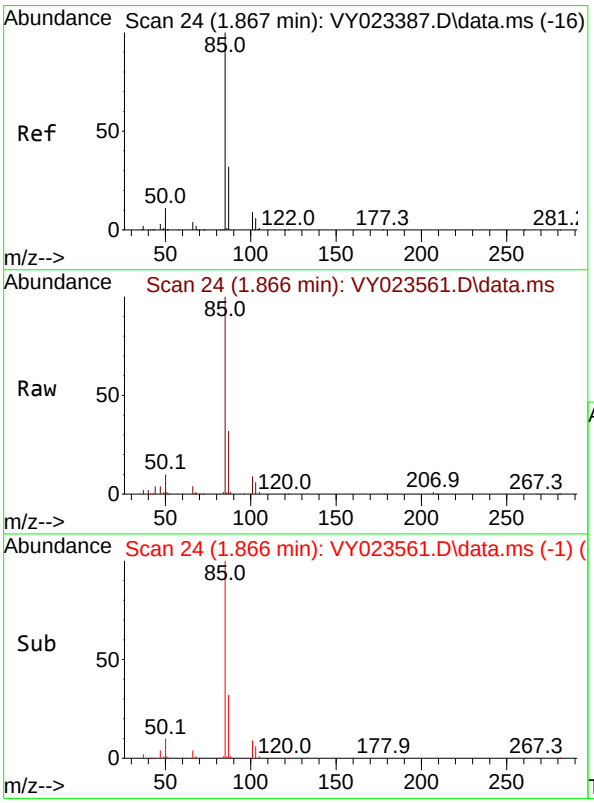
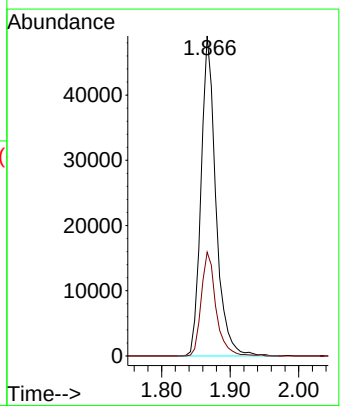
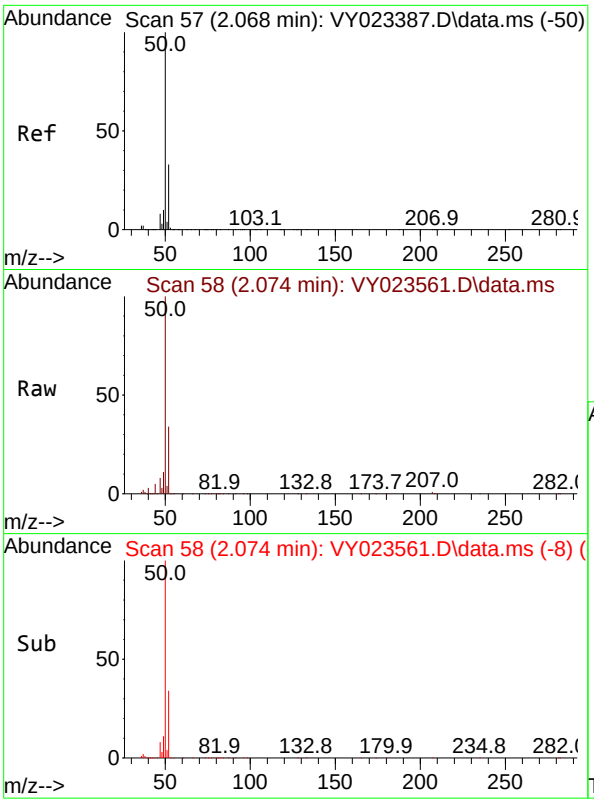


#2
Dichlorodifluoromethane
Concen: 18.625 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 85 Resp: 73940

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.0	47.9

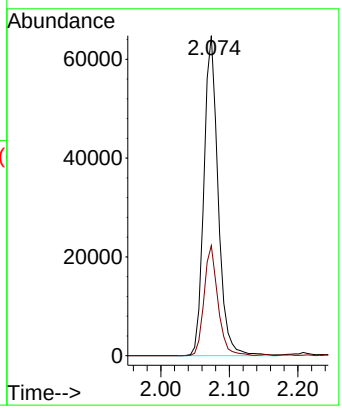




#3
Chloromethane
Concen: 17.337 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 50 Resp: 9376

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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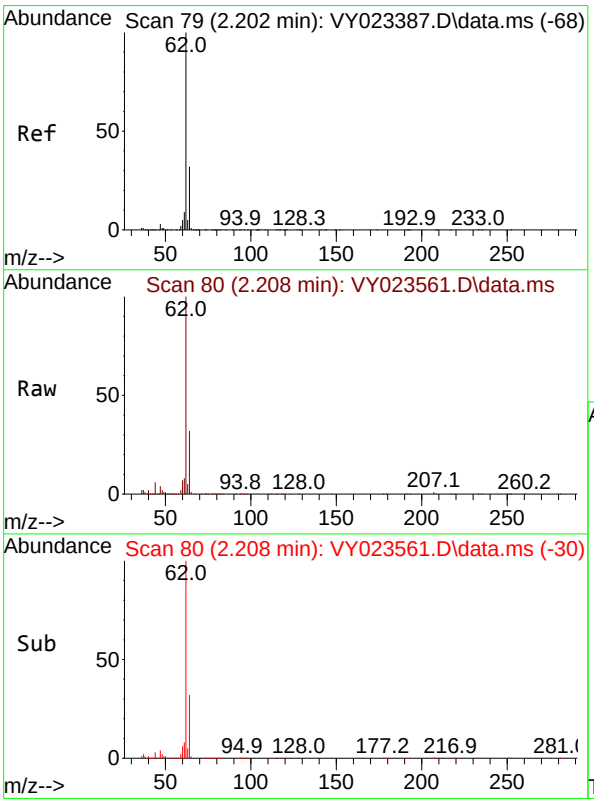
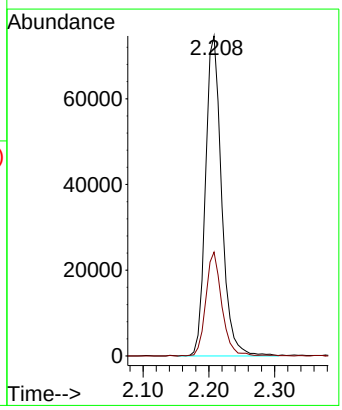
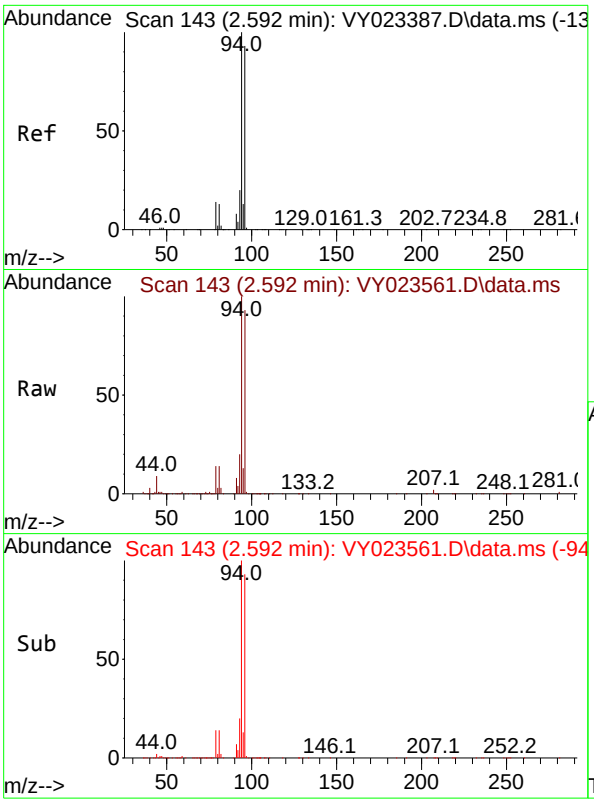


#4
Vinyl Chloride
Concen: 18.015 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 62 Resp: 126898

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8





#5
Bromomethane
Concen: 20.561 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 94 Resp: 12154

Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.5	111.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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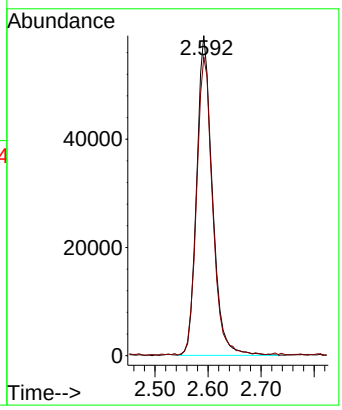
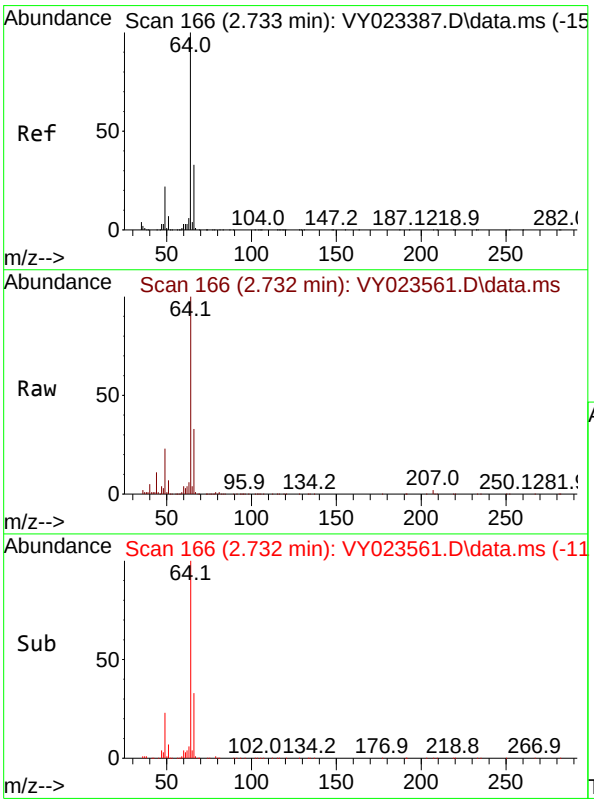
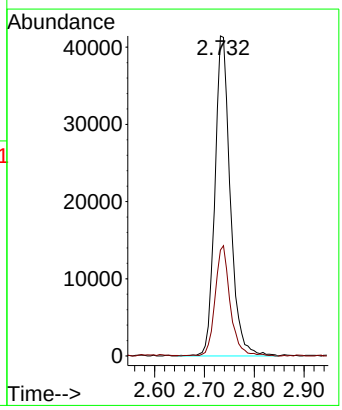


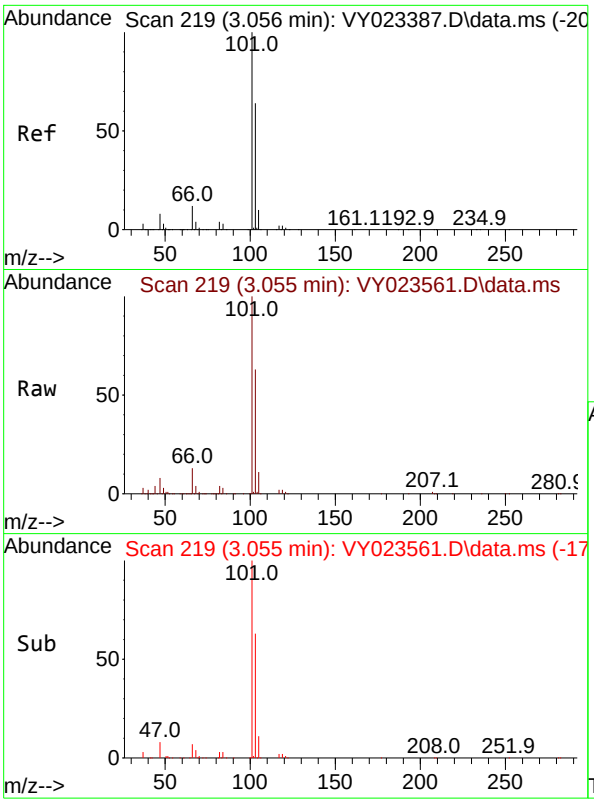


#6
Chloroethane
Concen: 18.516 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 64 Resp: 88904

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.2	39.4





#7
Trichlorofluoromethane
Concen: 19.019 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:101 Resp: 18601

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.3	76.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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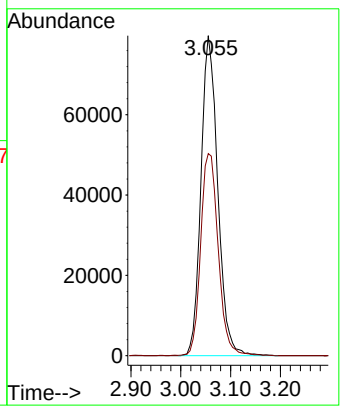
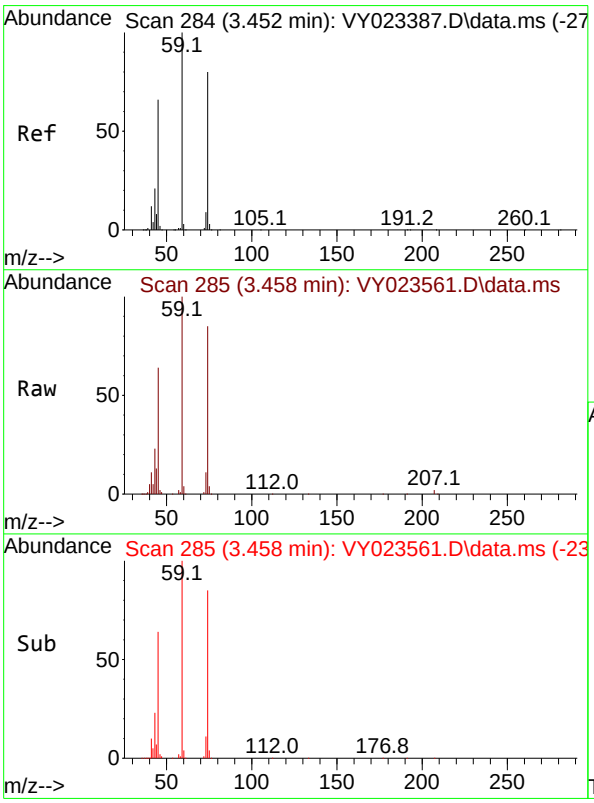
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

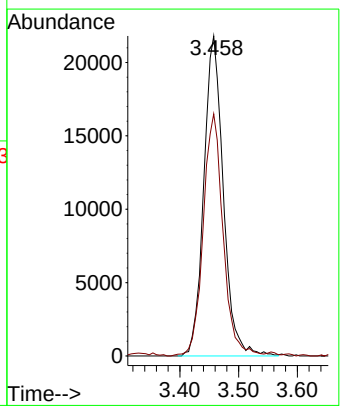


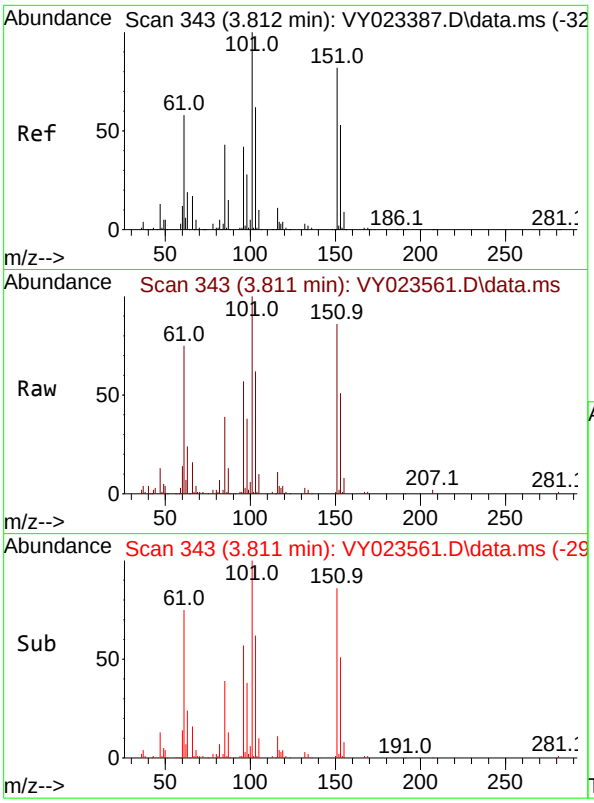


#8
Diethyl Ether
Concen: 19.688 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 74 Resp: 50315

Ion	Ratio	Lower	Upper
74	100		
45	77.0	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.998 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:101 Resp: 10149

Ion	Ratio	Lower	Upper
101	100		
85	42.1	34.6	51.8
151	87.2	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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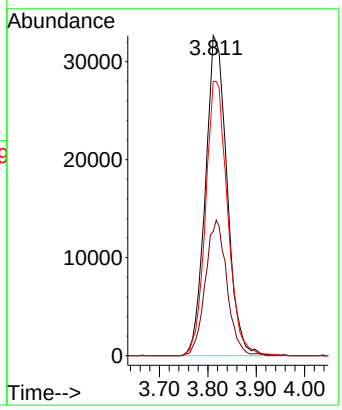
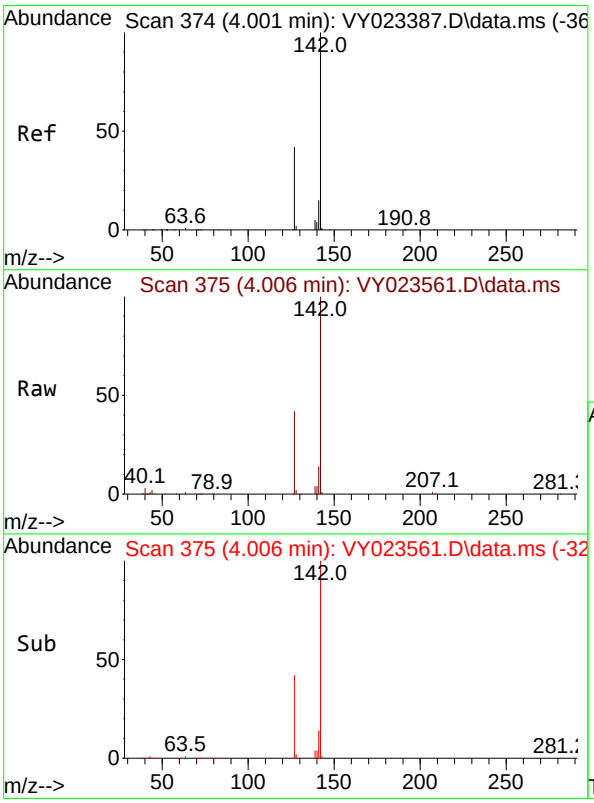
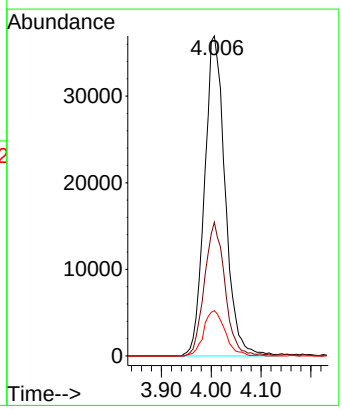


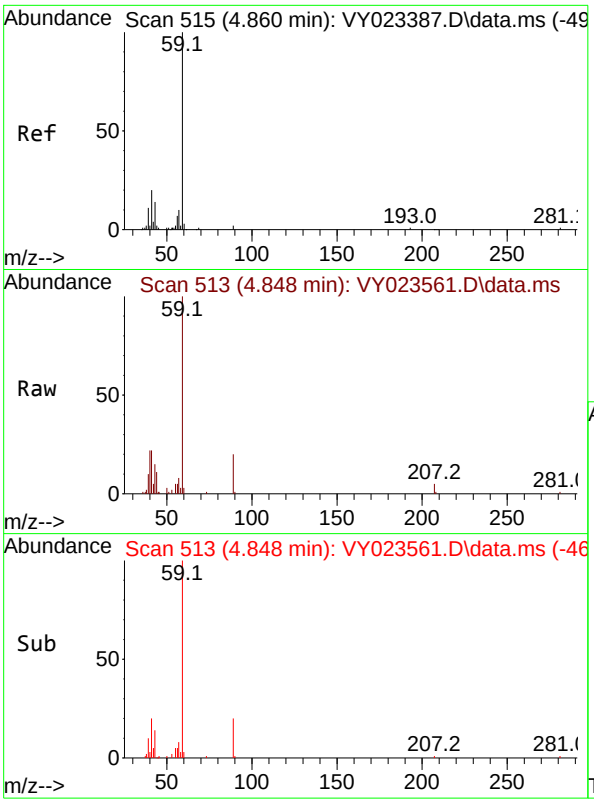


#10
Methyl Iodide
Concen: 18.766 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:142 Resp: 106029

Ion	Ratio	Lower	Upper
142	100		
127	41.3	34.8	52.2
141	14.8	11.6	17.4

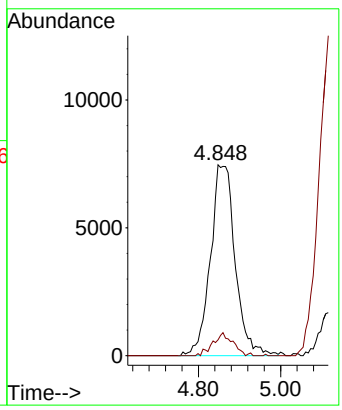




#11
Tert butyl alcohol
Concen: 90.901 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.013 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 59 Resp: 3118

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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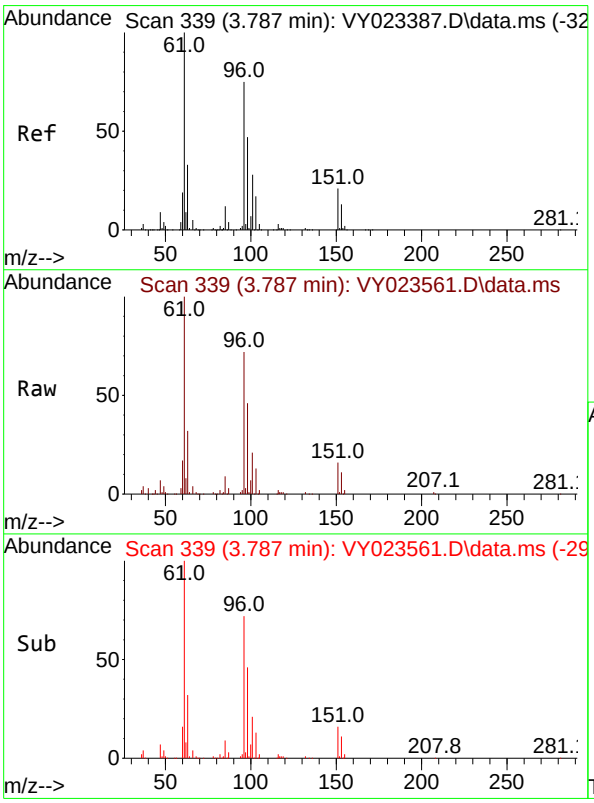
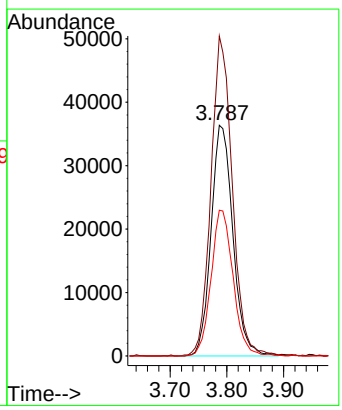
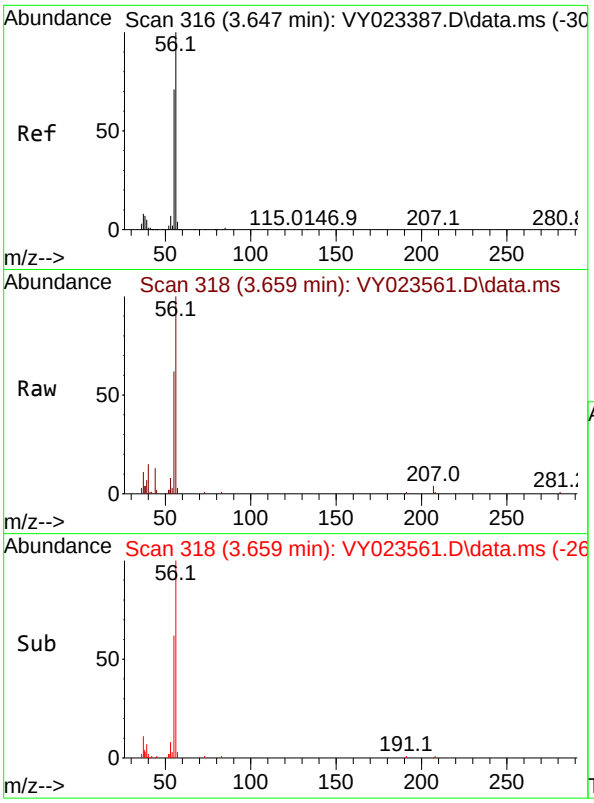


#12
1,1-Dichloroethene
Concen: 19.802 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 96 Resp: 97421

Ion	Ratio	Lower	Upper
96	100		
61	138.7	106.7	160.1
98	63.2	50.2	75.4

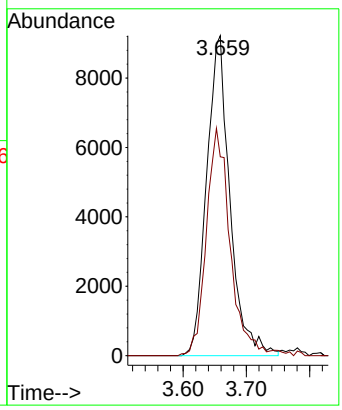




#13
Acrolein
Concen: 48.647 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 56 Resp: 2358

Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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Reviewed By :Amit Patel 10/27/2025
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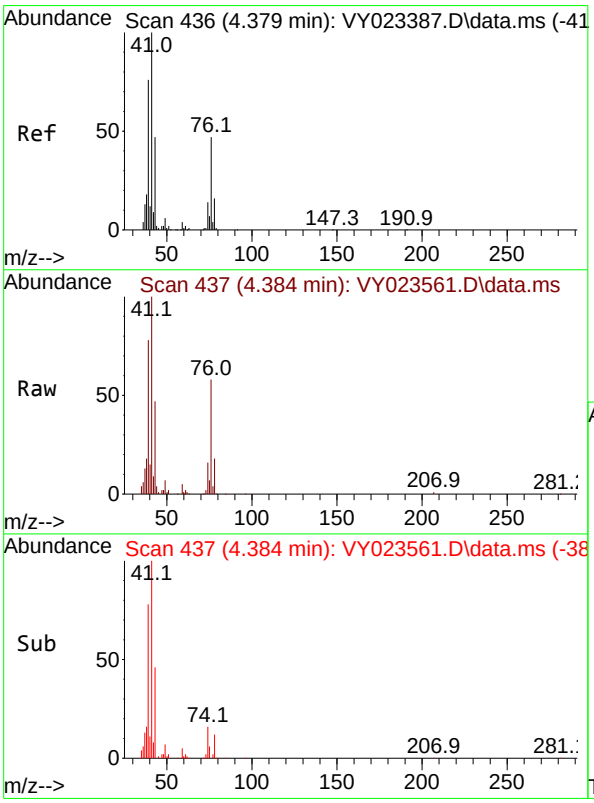
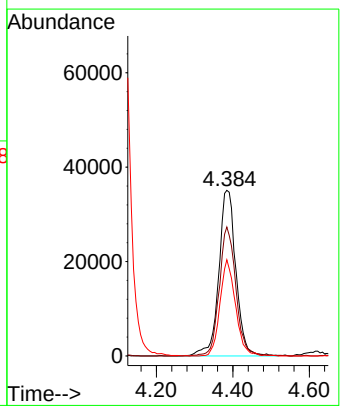
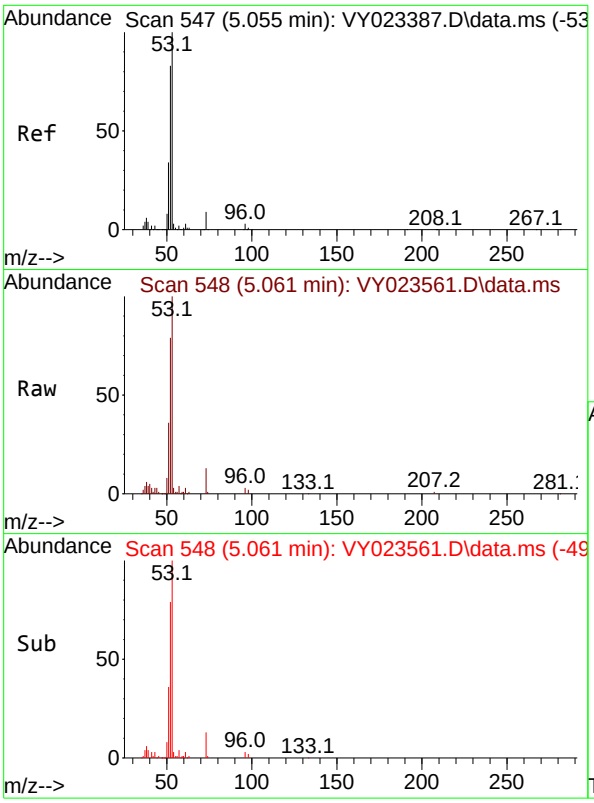


#14
Allyl chloride
Concen: 18.251 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 109431

Ion	Ratio	Lower	Upper
41	100		
39	75.3	59.9	89.9
76	52.3	38.0	57.0

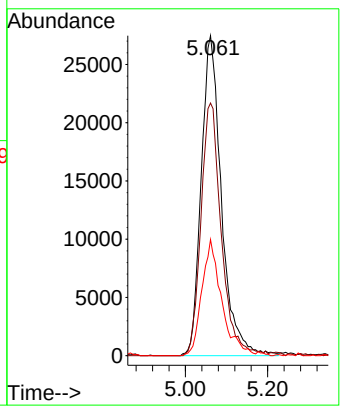




#15
Acrylonitrile
Concen: 95.993 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 53 Resp: 9388

Ion	Ratio	Lower	Upper
53	100		
52	79.3	64.6	97.0
51	35.6	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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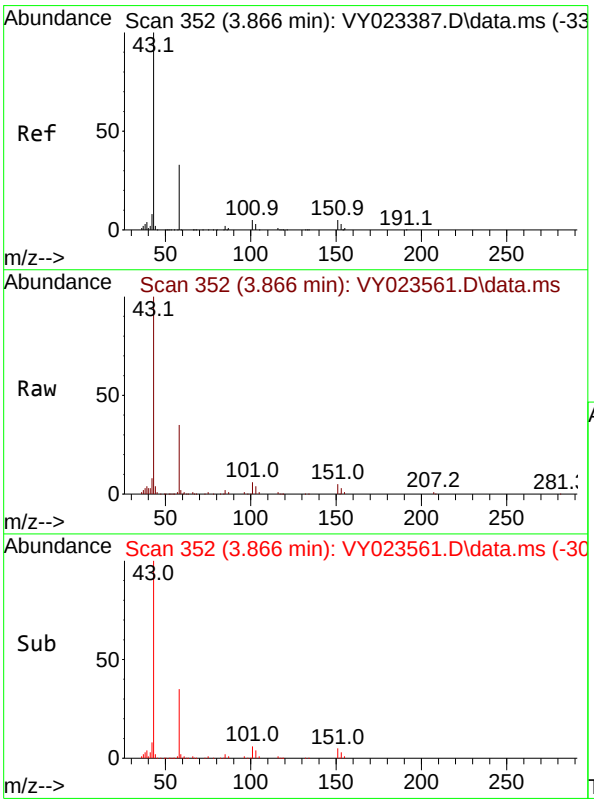
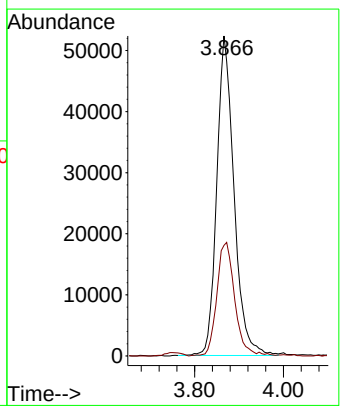
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

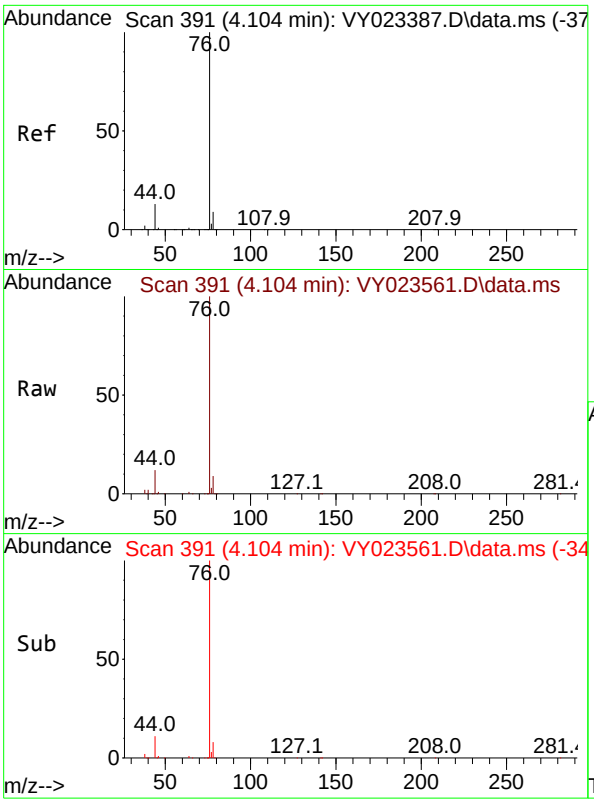


#16
Acetone
Concen: 128.062 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 140610

Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.7	41.5





#17
Carbon Disulfide
Concen: 18.365 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 76 Resp: 25859

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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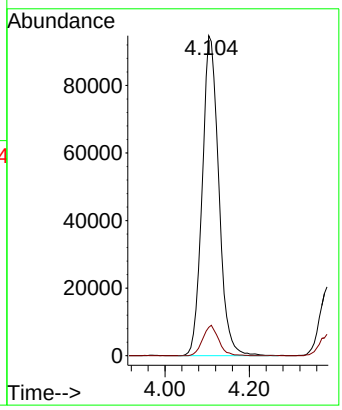
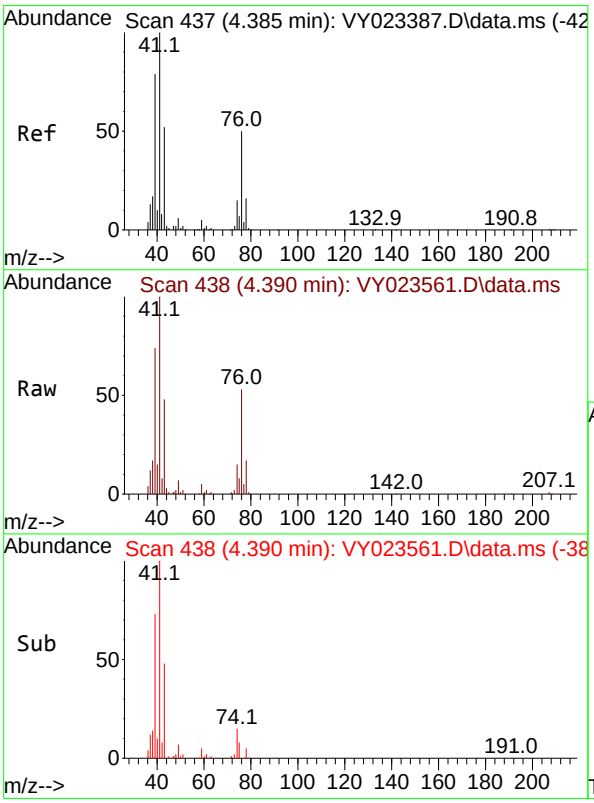
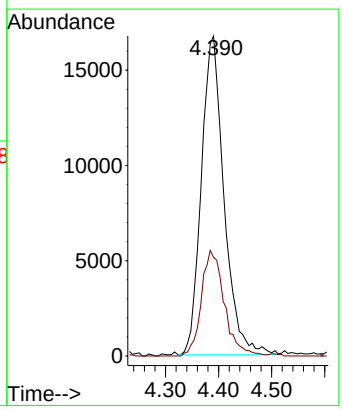


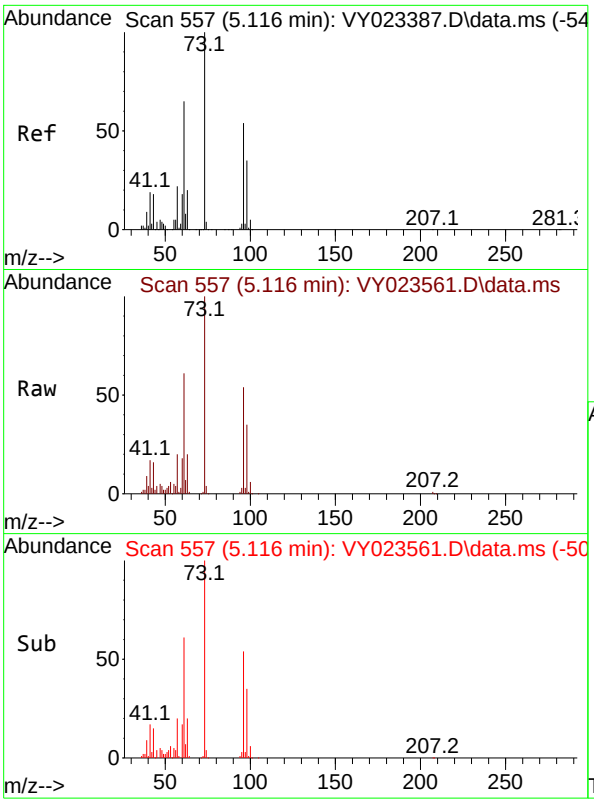


#18
Methyl Acetate
Concen: 17.234 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 49637

Ion	Ratio	Lower	Upper
43	100		
74	33.4	24.2	36.4

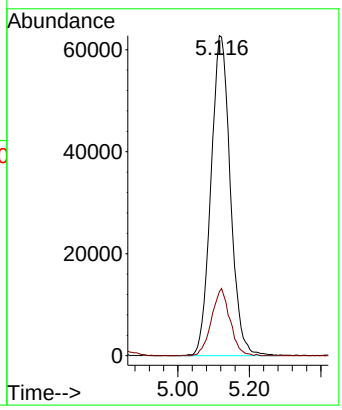




#19
Methyl tert-butyl Ether
Concen: 19.990 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 73 Resp: 23637

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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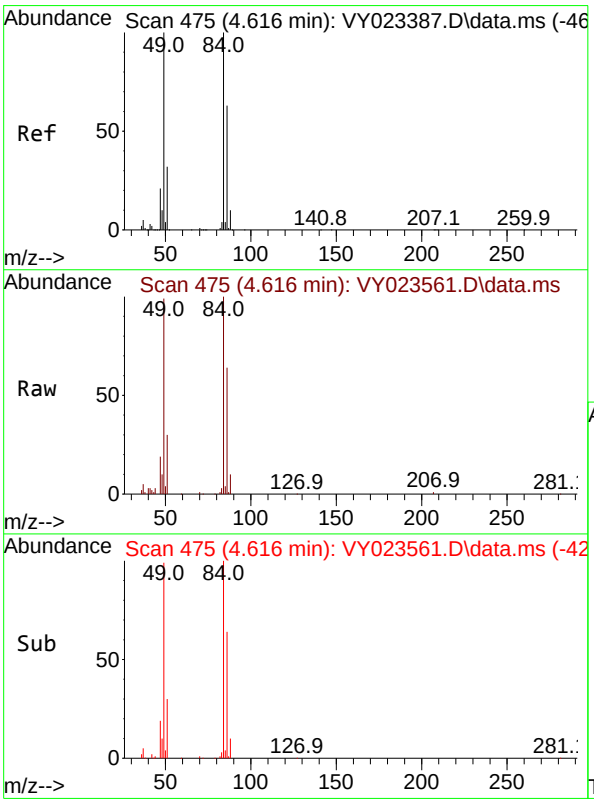
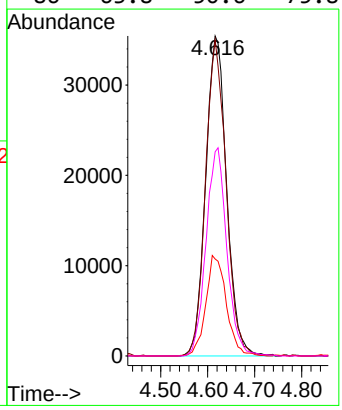
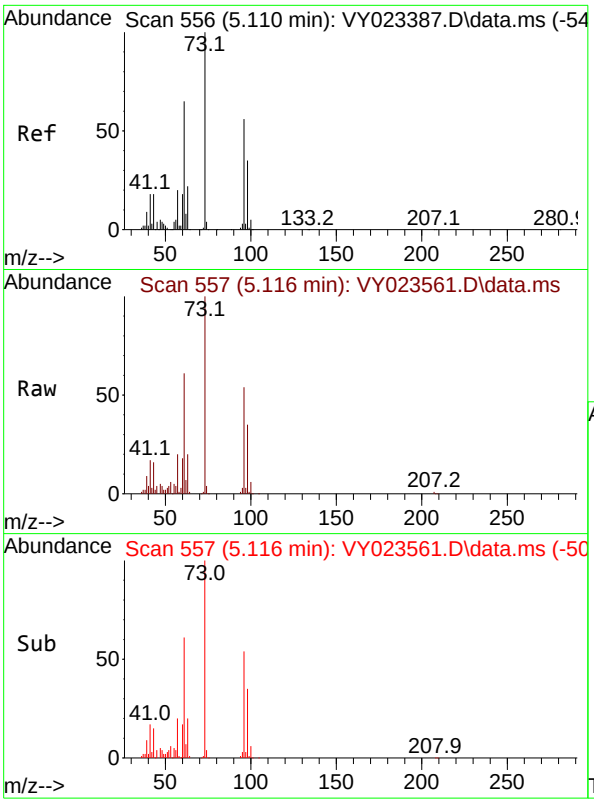


#20
Methylene Chloride
Concen: 18.510 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 84 Resp: 109899

Ion	Ratio	Lower	Upper
84	100		
49	98.7	80.2	120.4
51	30.3	25.9	38.9
86	63.8	50.6	75.8

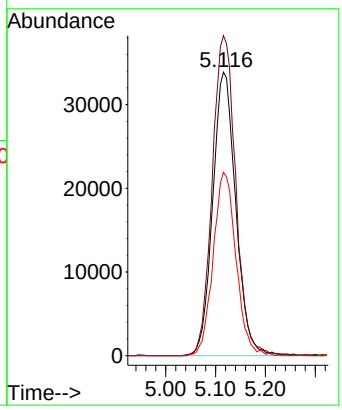




#21
trans-1,2-Dichloroethene
Concen: 20.107 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 96 Resp: 10891

Ion	Ratio	Lower	Upper
96	100		
61	112.9	92.7	139.1
98	64.7	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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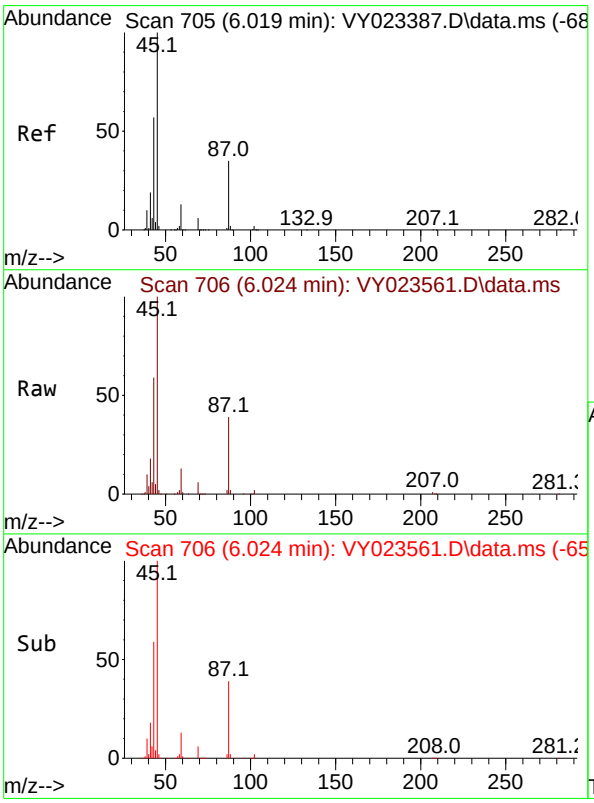
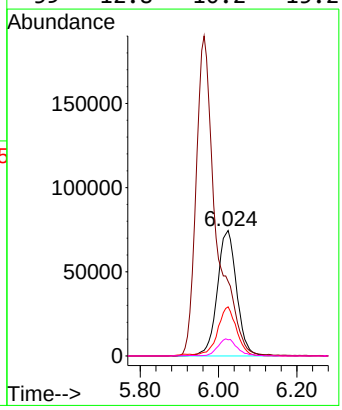
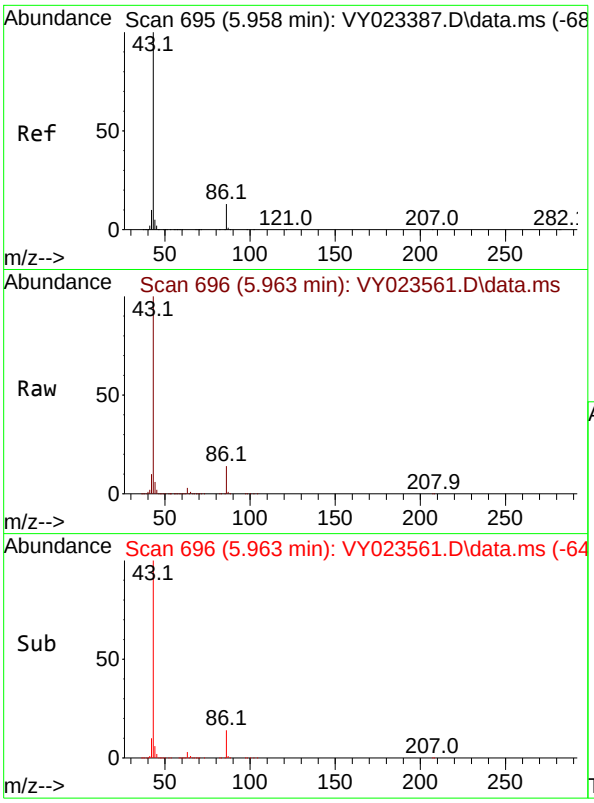


#22
Diisopropyl ether
Concen: 19.305 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 45 Resp: 256039

Ion	Ratio	Lower	Upper
45	100		
43	59.1	45.6	68.4
87	39.0	28.1	42.1
59	12.8	10.2	15.2

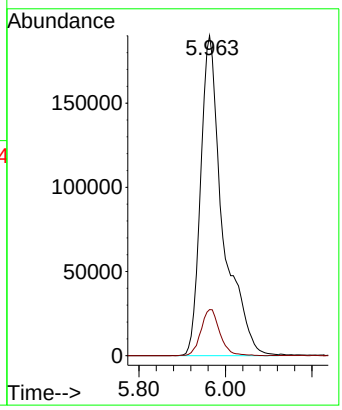




#23
Vinyl Acetate
Concen: 94.207 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 67629

Ion	Ratio	Lower	Upper
43	100		
86	14.4	10.6	15.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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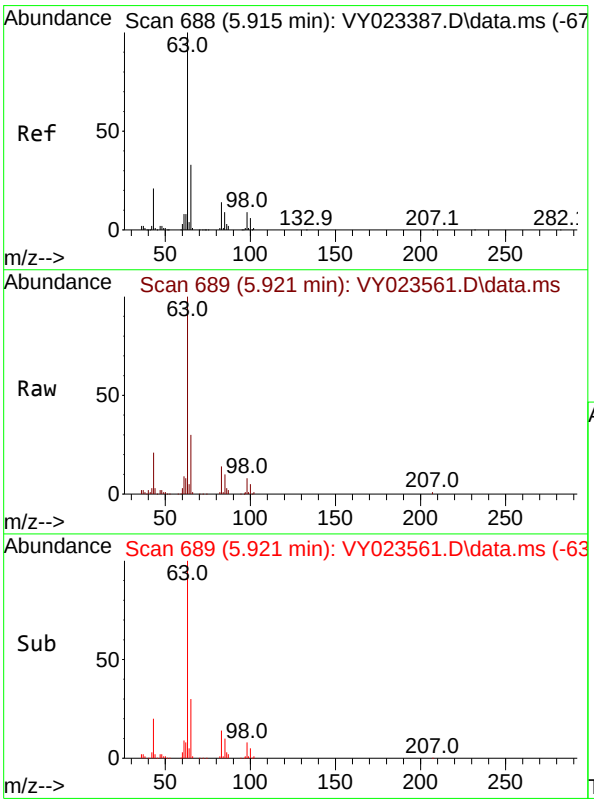
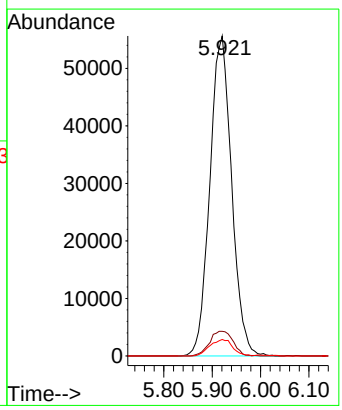
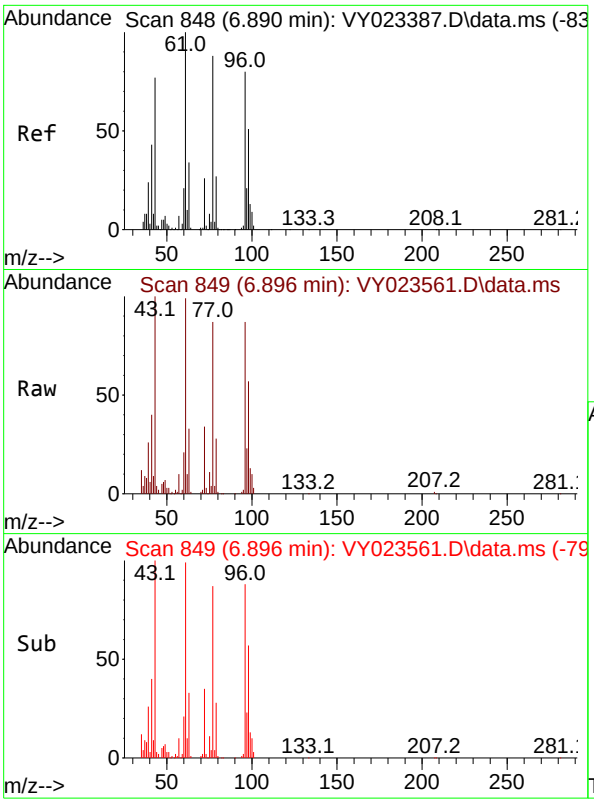


#24
1,1-Dichloroethane
Concen: 19.834 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 174246

Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.3	13.1
100	5.1	2.8	8.4





#25
2-Butanone
Concen: 112.949 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 15140

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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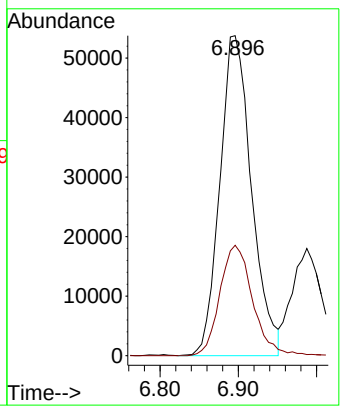
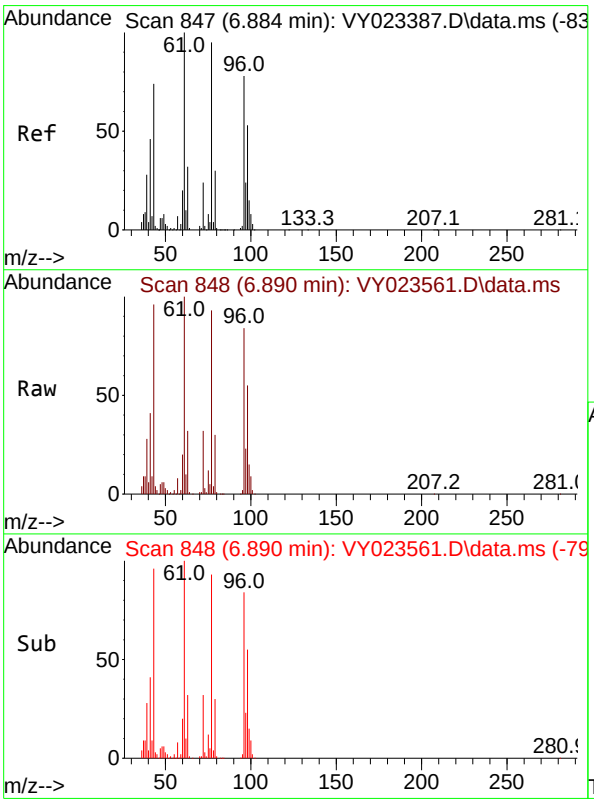
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

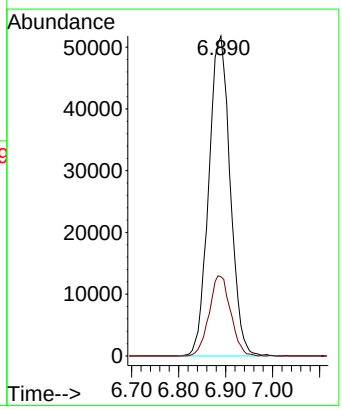


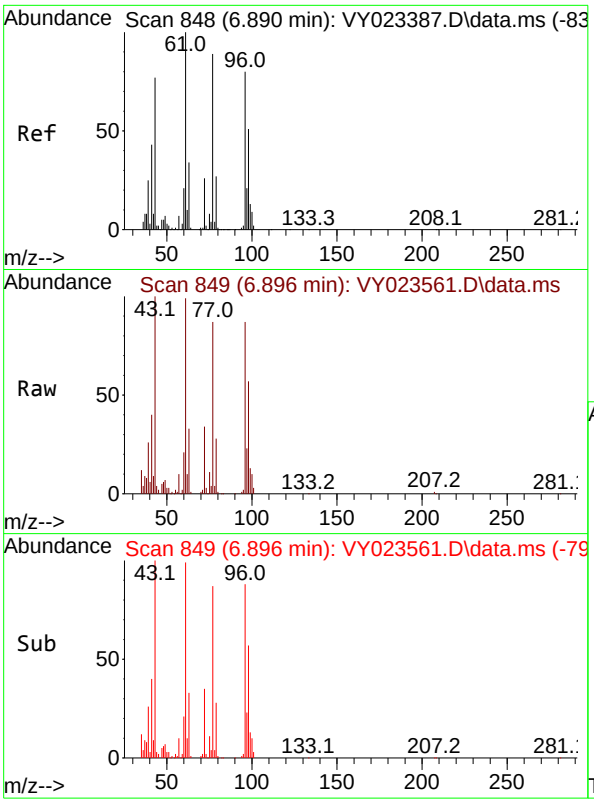


#26
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 77 Resp: 163903

Ion	Ratio	Lower	Upper
77	100		
97	25.2	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 20.884 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 96 Resp: 13066

Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	258.2
98	65.3	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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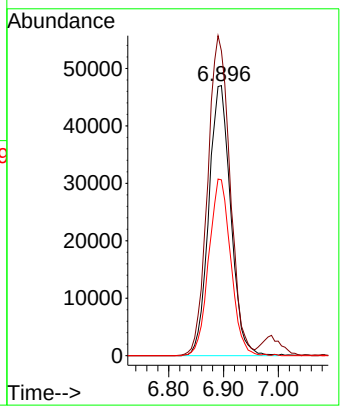
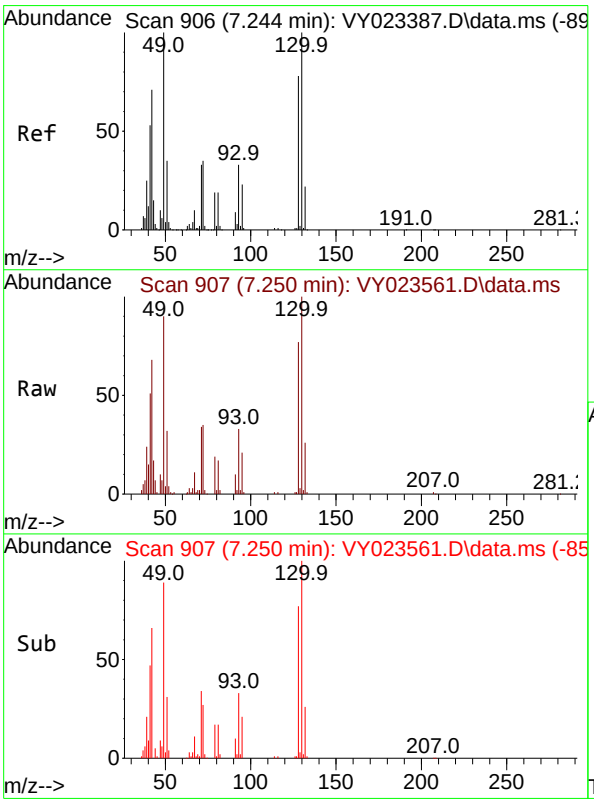
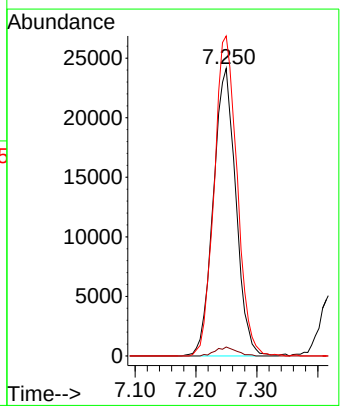


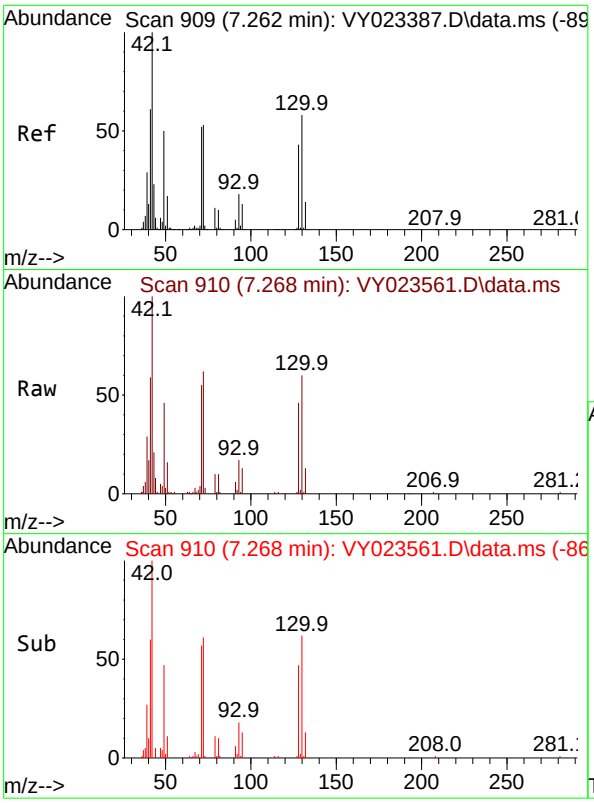


#28
Bromochloromethane
Concen: 18.871 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 49 Resp: 61891

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	113.1	81.9	122.9





#29
Tetrahydrofuran
Concen: 90.887 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 42 Resp: 6908

Ion	Ratio	Lower	Upper
42	100		
72	59.0	43.0	64.6
71	55.3	40.1	60.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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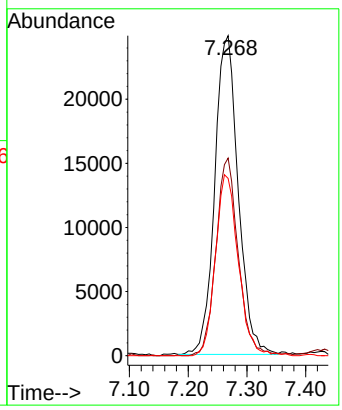
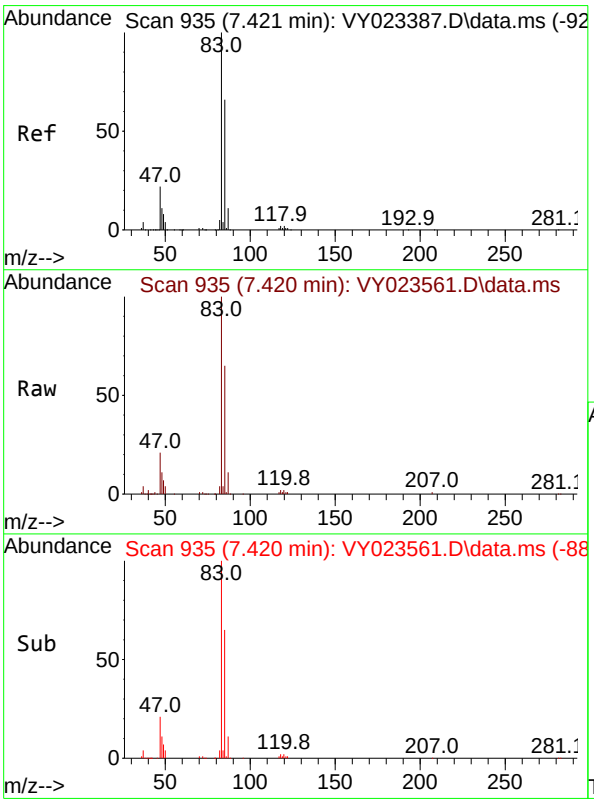
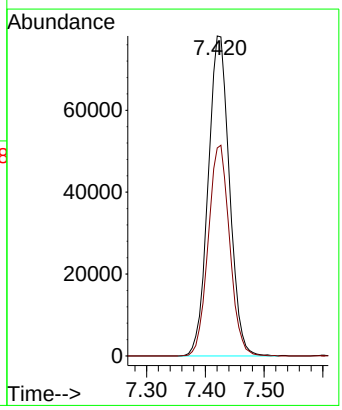


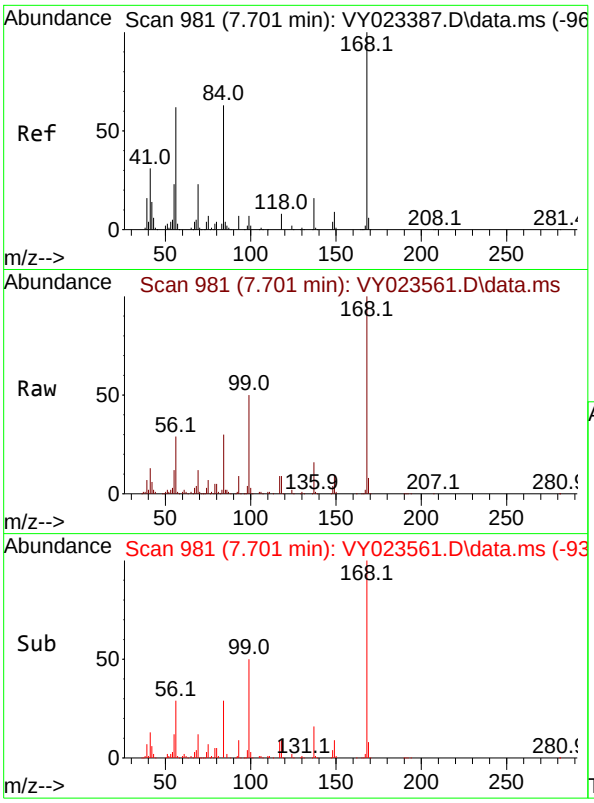


#30
Chloroform
Concen: 20.417 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 83 Resp: 197077

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7

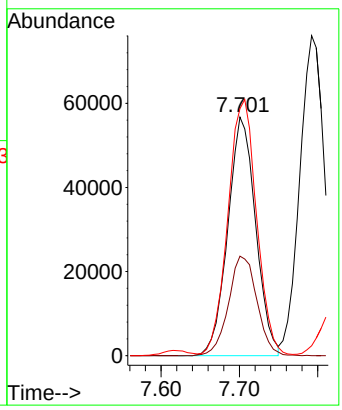




#31
Cyclohexane
Concen: 18.272 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 56 Resp: 14019

Ion	Ratio	Lower	Upper
56	100		
69	41.3	30.0	45.0
84	101.5	81.2	121.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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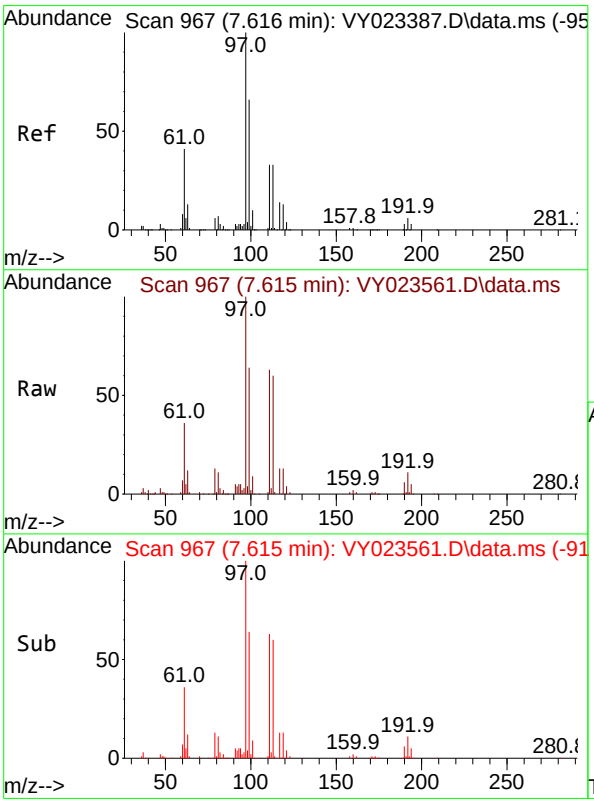
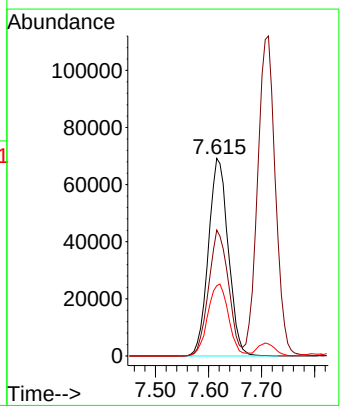
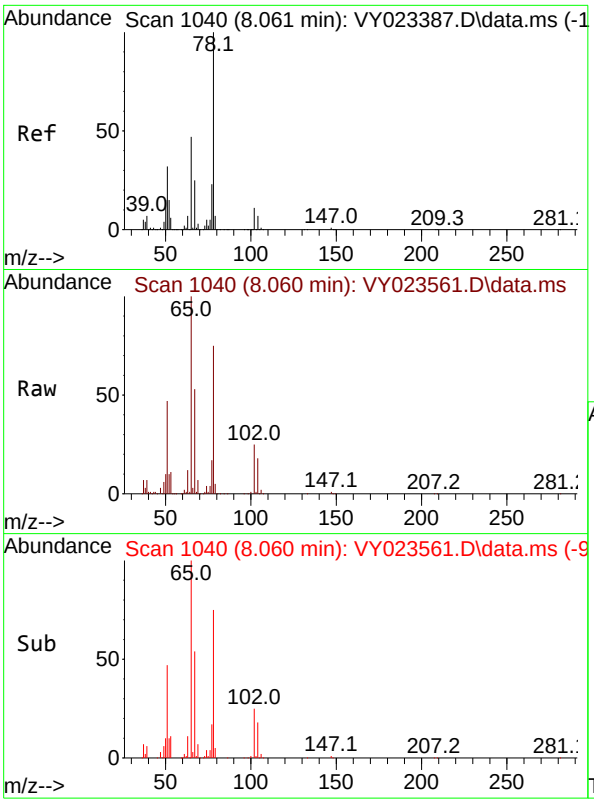


#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 97 Resp: 179638

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	38.0	31.9	47.9





#33
1,2-Dichloroethane-d4
Concen: 44.218 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 65 Resp: 20393

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.8

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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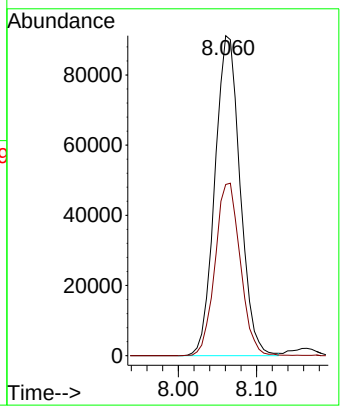
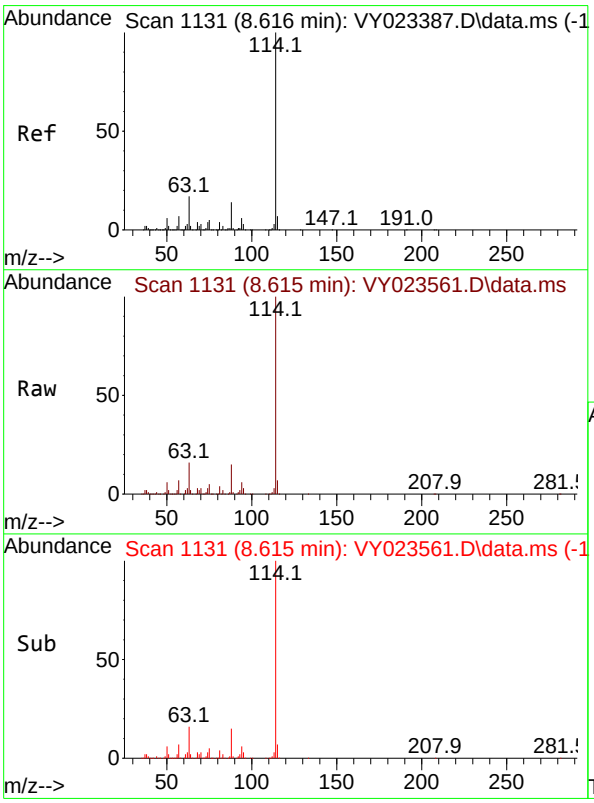
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

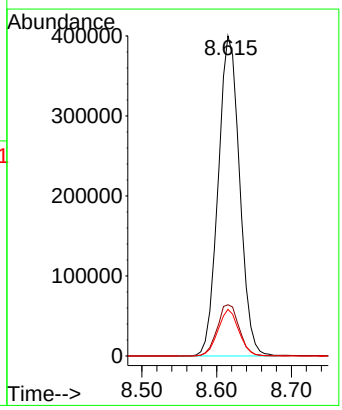


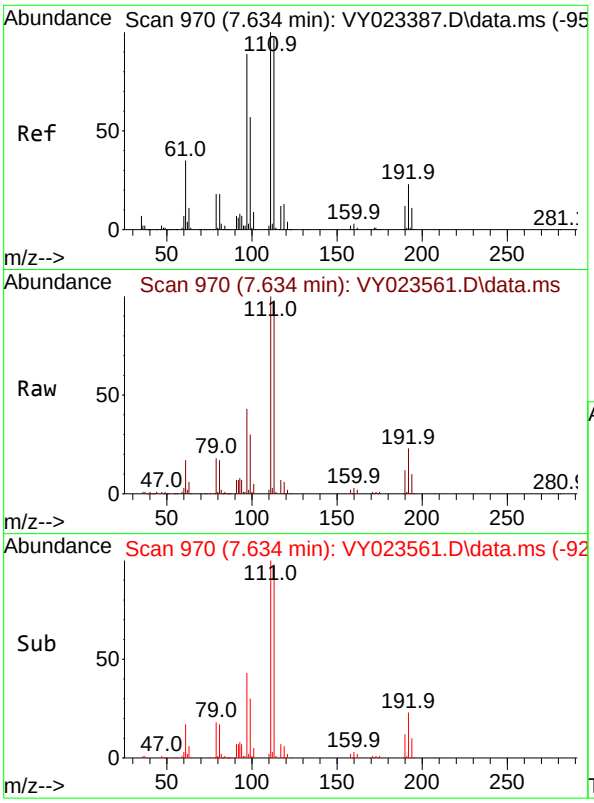


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:114 Resp: 799010

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	34.2
88	14.6	0.0	28.4

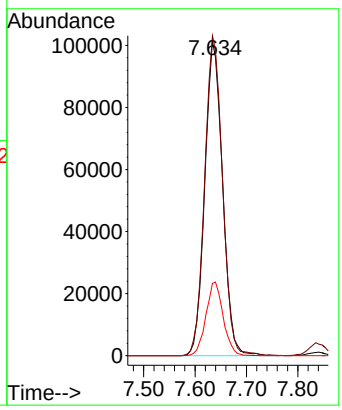




#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:113 Resp: 24301

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.8	18.0	27.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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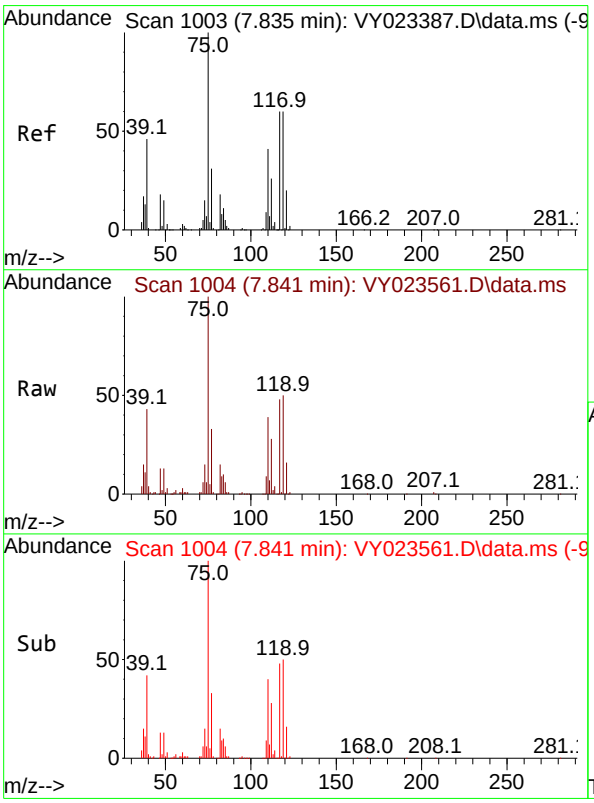
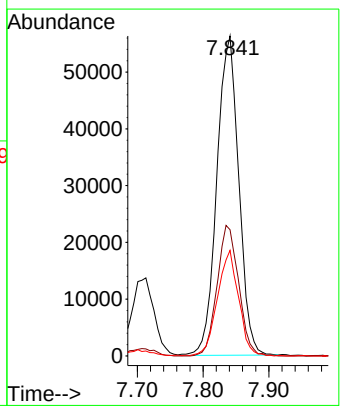
Supervised By :Mahesh Dadoda 10/27/2025

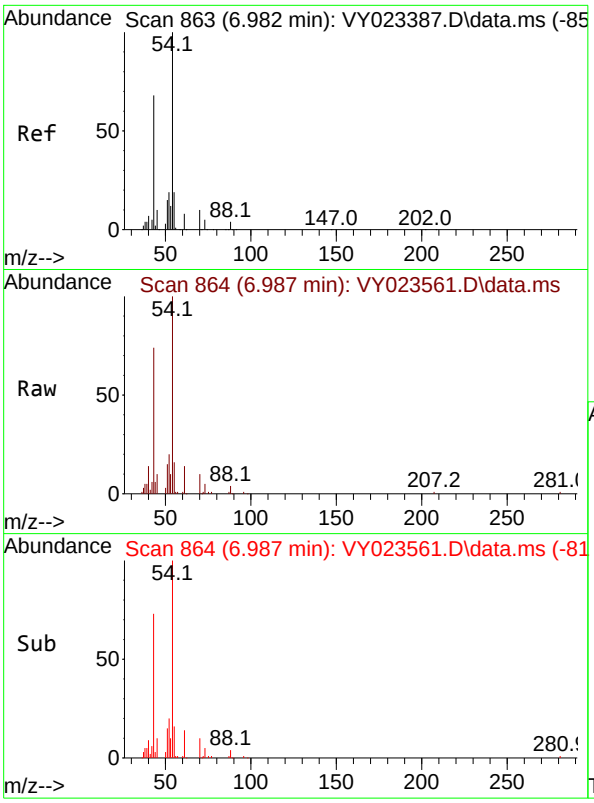


#36
1,1-Dichloropropene
Concen: 20.089 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 130575

Ion	Ratio	Lower	Upper
75	100		
110	40.3	19.9	59.7
77	32.0	25.0	37.6





#37
Ethyl Acetate
Concen: 19.142 ug/l
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 4929

Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.8	17.8
70	13.3	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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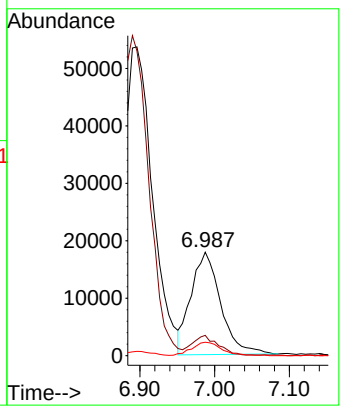
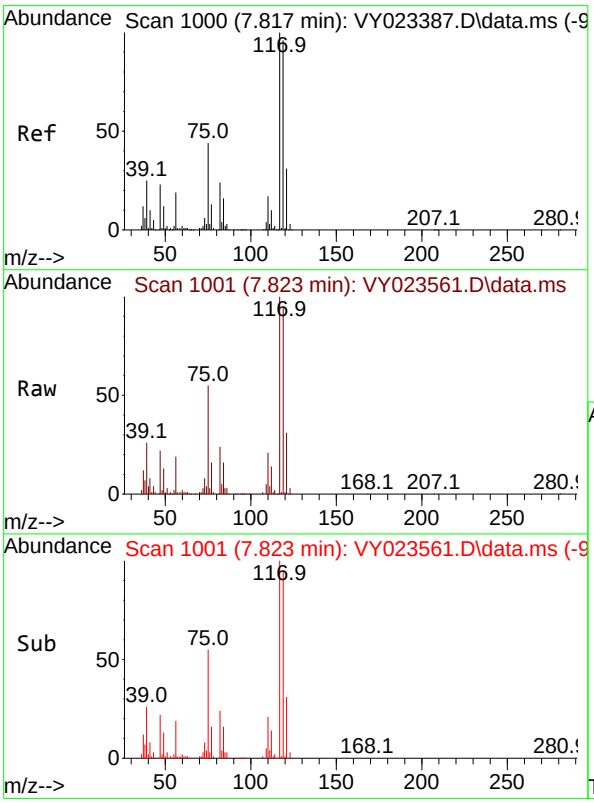
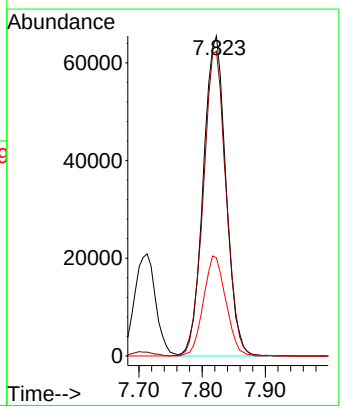


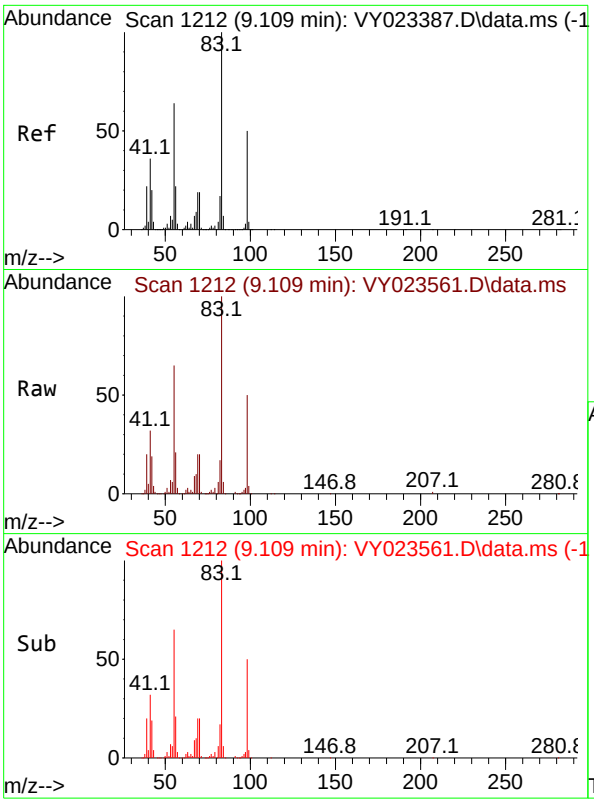


#38
Carbon Tetrachloride
Concen: 20.617 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:117 Resp: 162485

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
121	30.7	24.5	36.7





#39
Methylcyclohexane
Concen: 19.984 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 83 Resp: 16911

Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.4	77.2
98	49.7	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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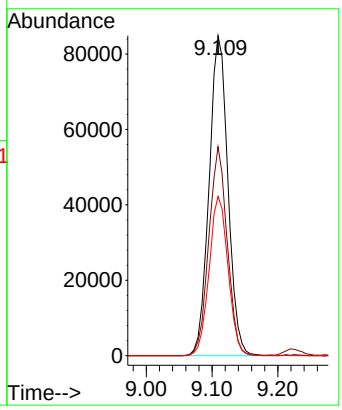
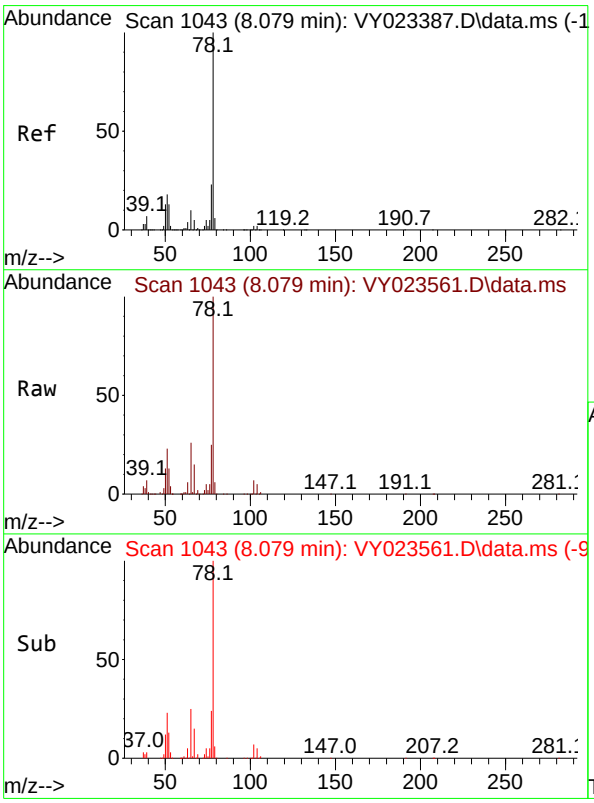
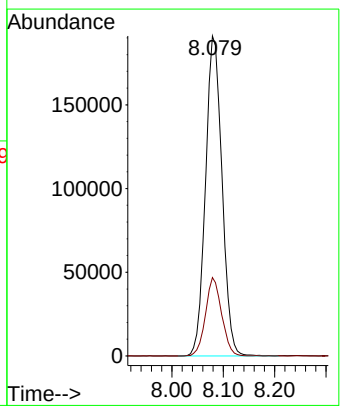


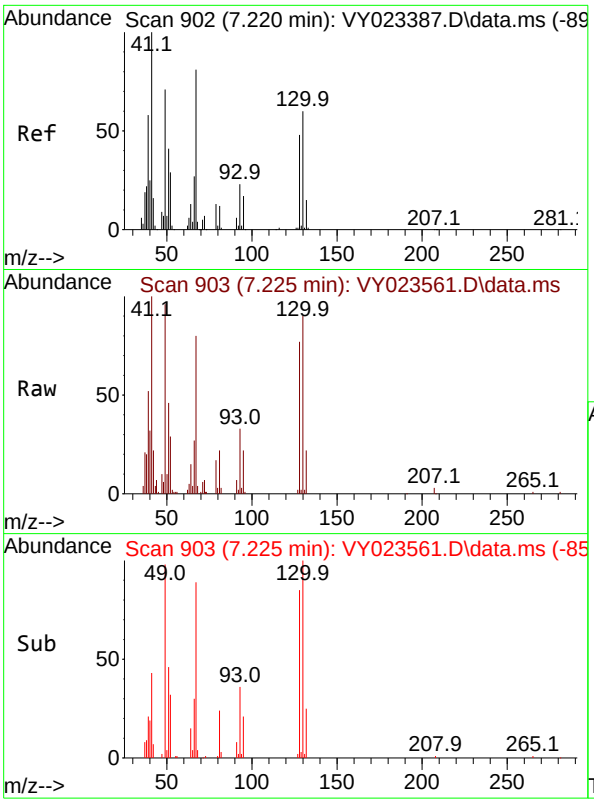


#40
Benzene
Concen: 20.712 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 78 Resp: 426341

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.3	27.5

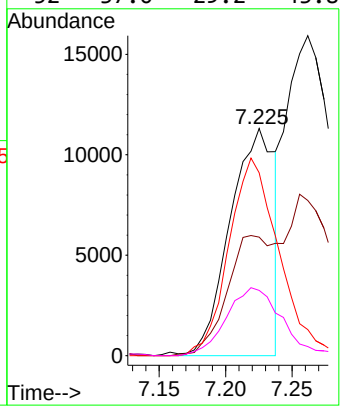




#41
Methacrylonitrile
Concen: 18.956 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 2639

Ion	Ratio	Lower	Upper
41	100		
39	48.1	52.2	78.4
67	98.3	74.9	112.3
52	37.0	29.2	43.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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Reviewed By :Amit Patel 10/27/2025
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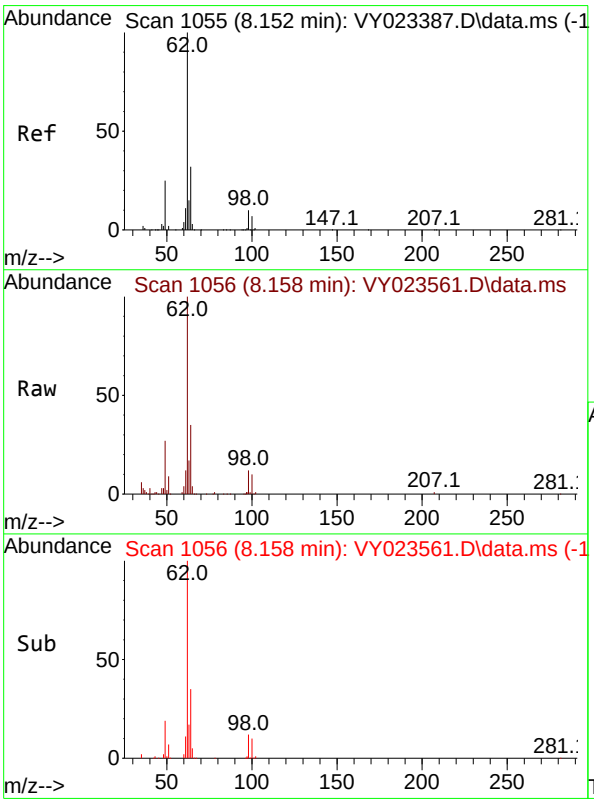
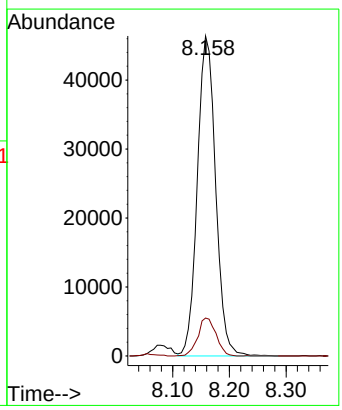
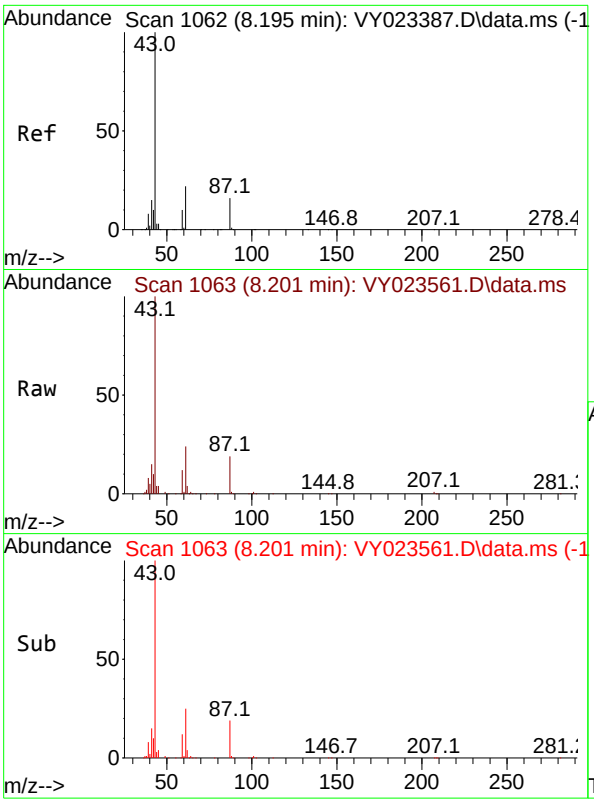


#42
1,2-Dichloroethane
Concen: 19.599 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 62 Resp: 104042

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6

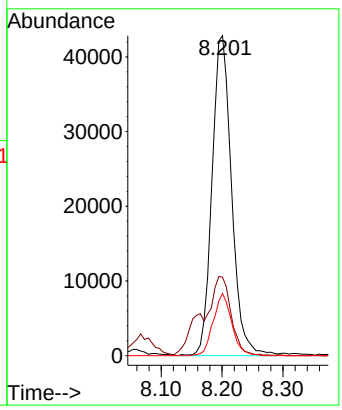




#43
Isopropyl Acetate
Concen: 18.643 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 9572

Ion	Ratio	Lower	Upper
43	100		
61	25.4	18.1	27.1
87	18.4	13.5	20.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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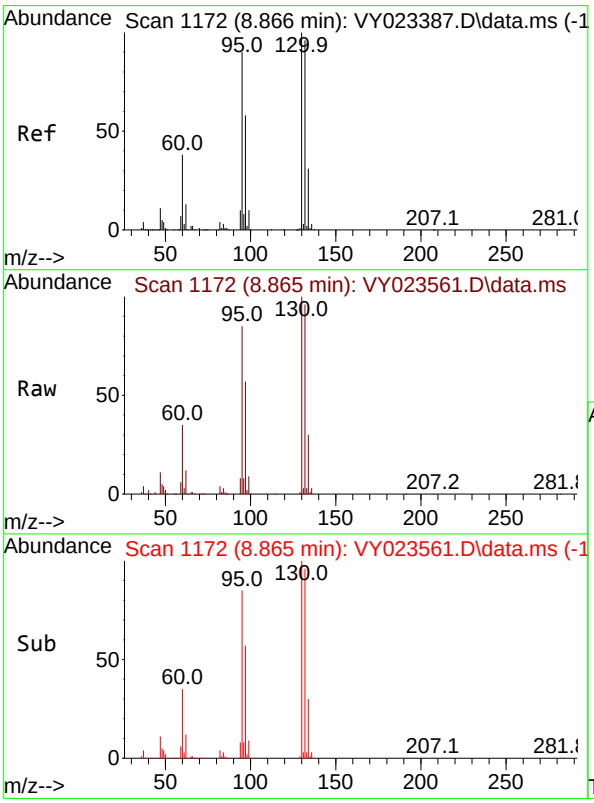
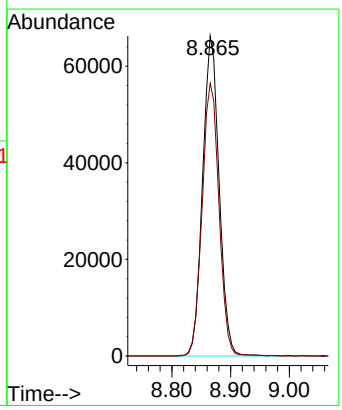
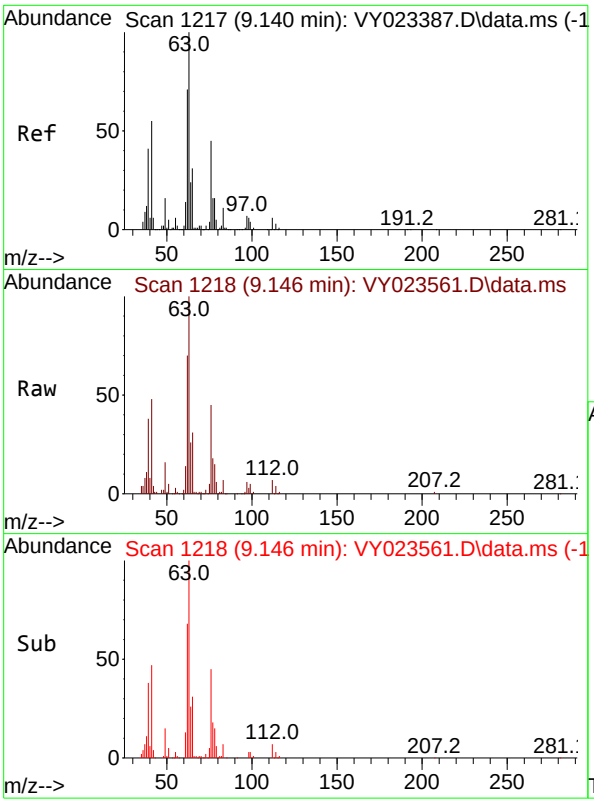


#44
Trichloroethene
Concen: 21.383 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:130 Resp: 128825

Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	180.6





#45
1,2-Dichloropropane
Concen: 20.304 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 9231

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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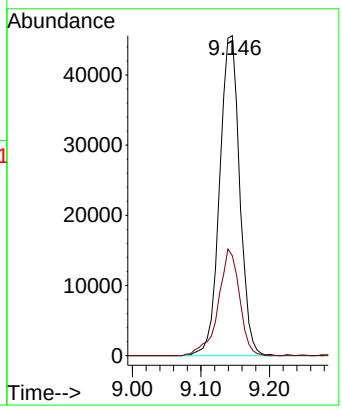
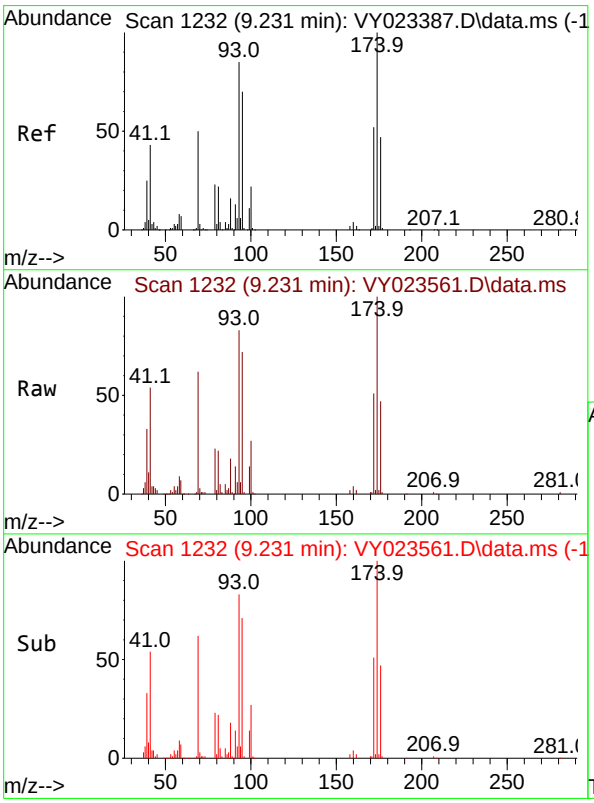
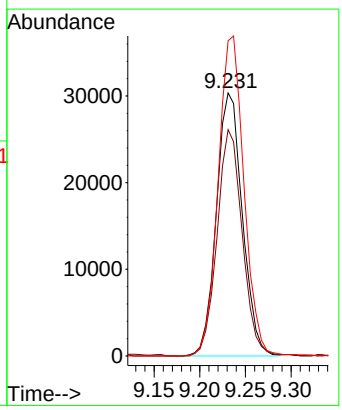


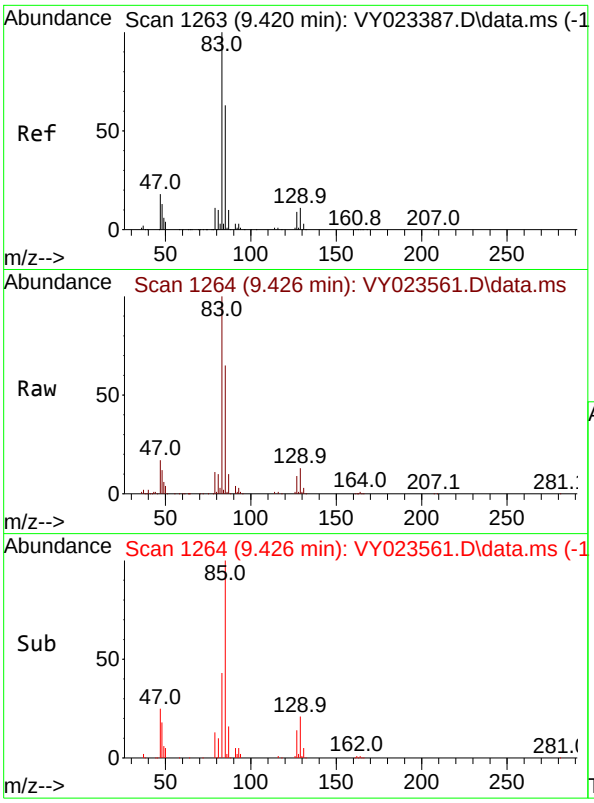


#46
Dibromomethane
Concen: 20.831 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 93 Resp: 59886

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.0
174	121.2	92.9	139.3

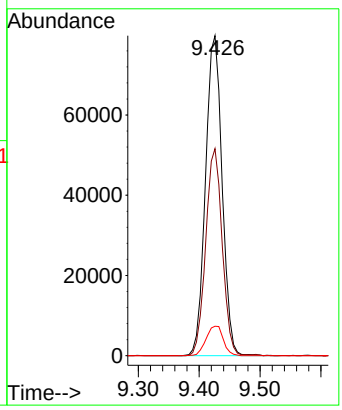




#47
Bromodichloromethane
Concen: 20.839 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 83 Resp: 15088

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.8	76.2
127	9.2	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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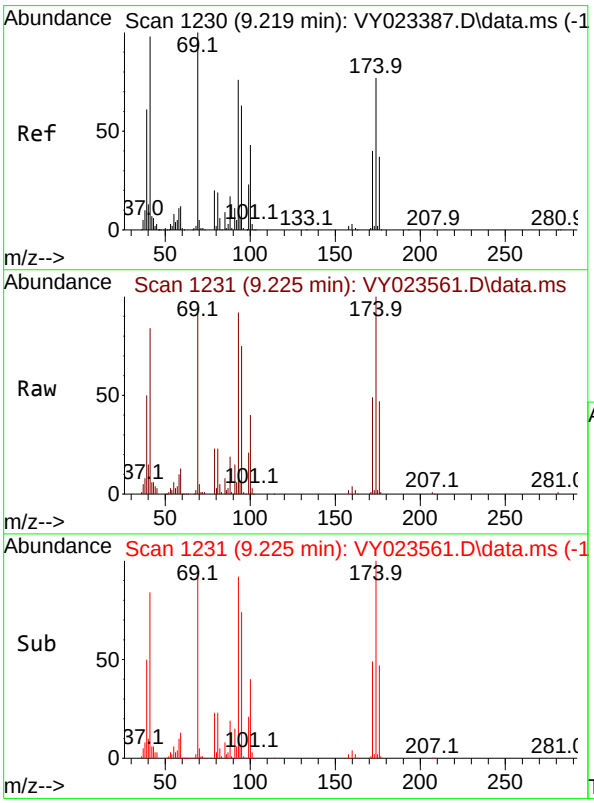
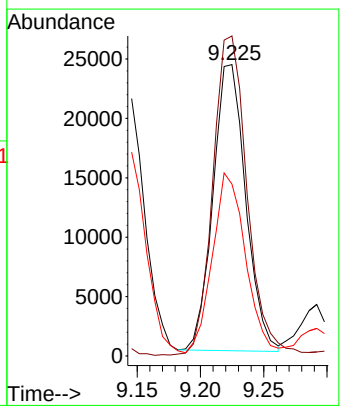
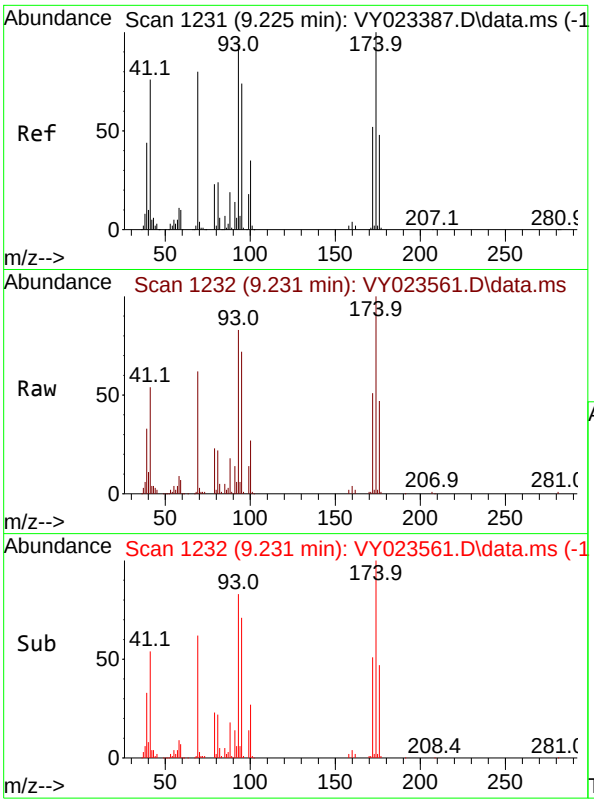


#48
Methyl methacrylate
Concen: 17.966 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 43337

Ion	Ratio	Lower	Upper
41	100		
69	116.4	81.0	121.4
39	63.2	48.2	72.4





#49
1,4-Dioxane
Concen: 389.621 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.8	32.8
58	55.9	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
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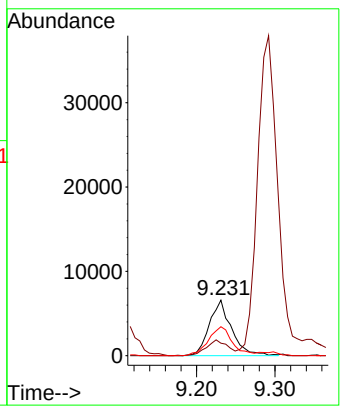
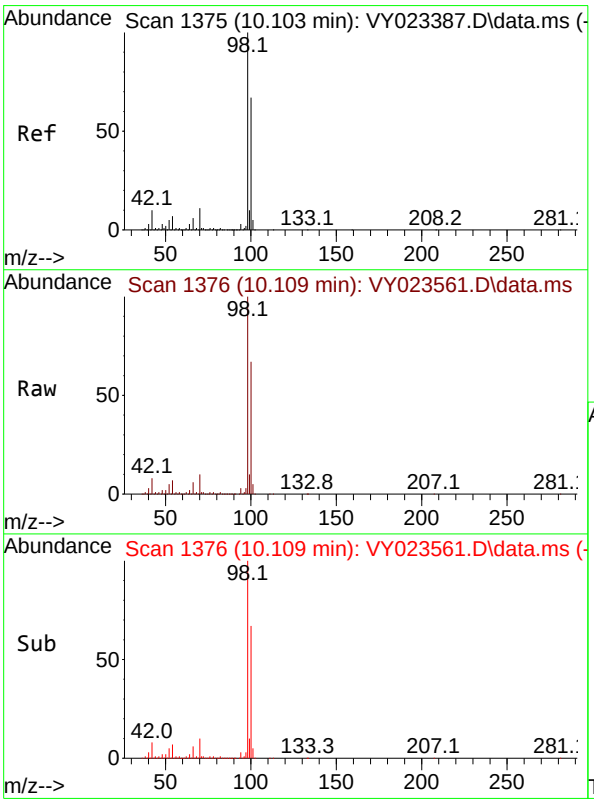
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

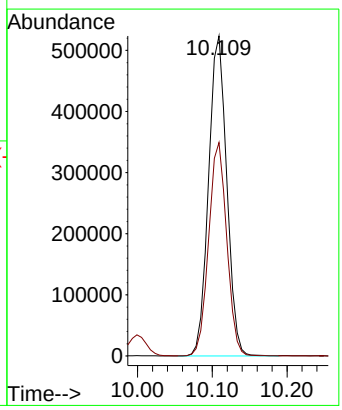


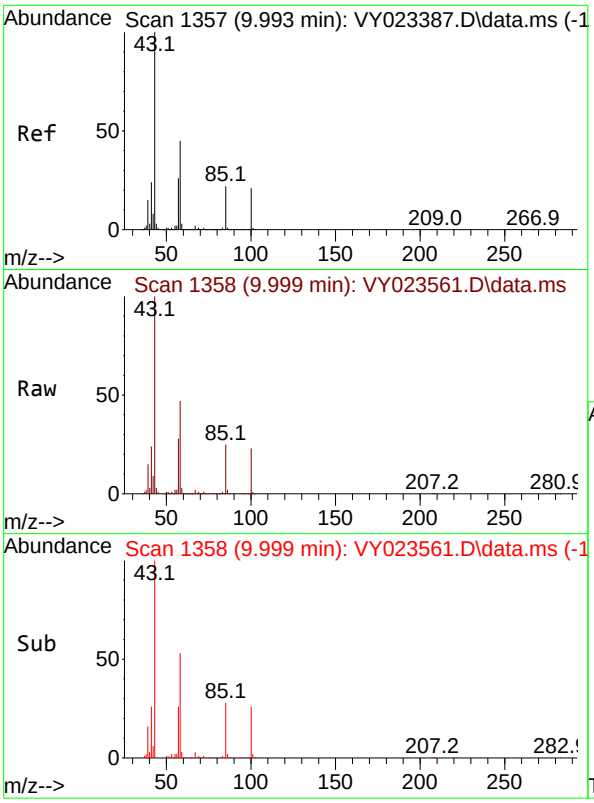


#50
Toluene-d8
Concen: 48.371 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 98 Resp: 884395

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

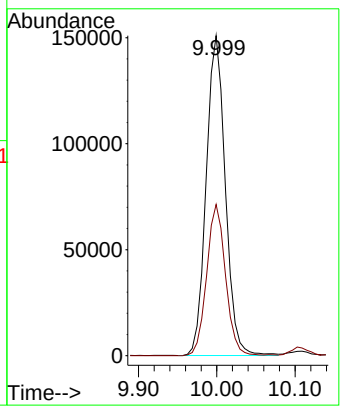




#51
4-Methyl-2-Pentanone
Concen: 96.362 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 25563

Ion	Ratio	Lower	Upper
43	100		
58	46.6	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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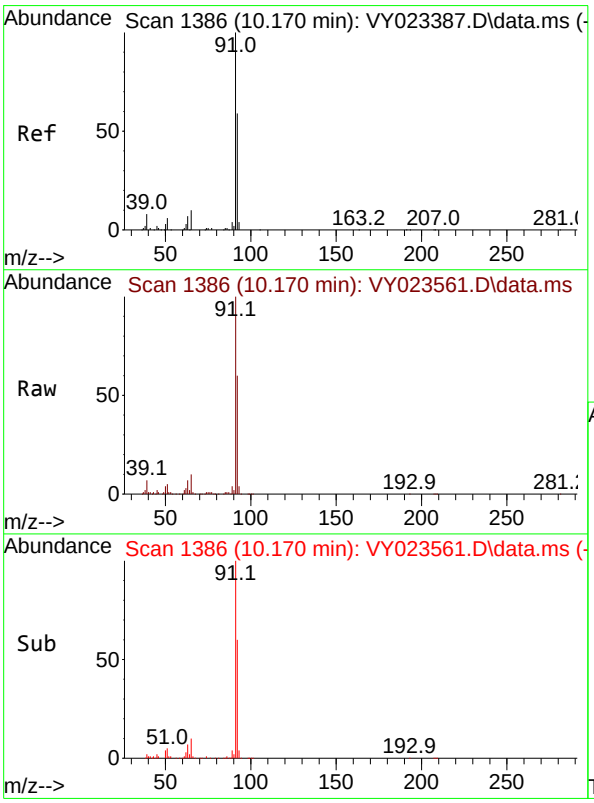
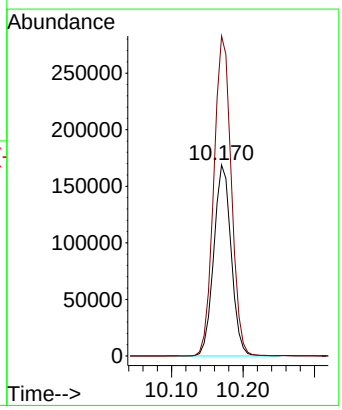
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

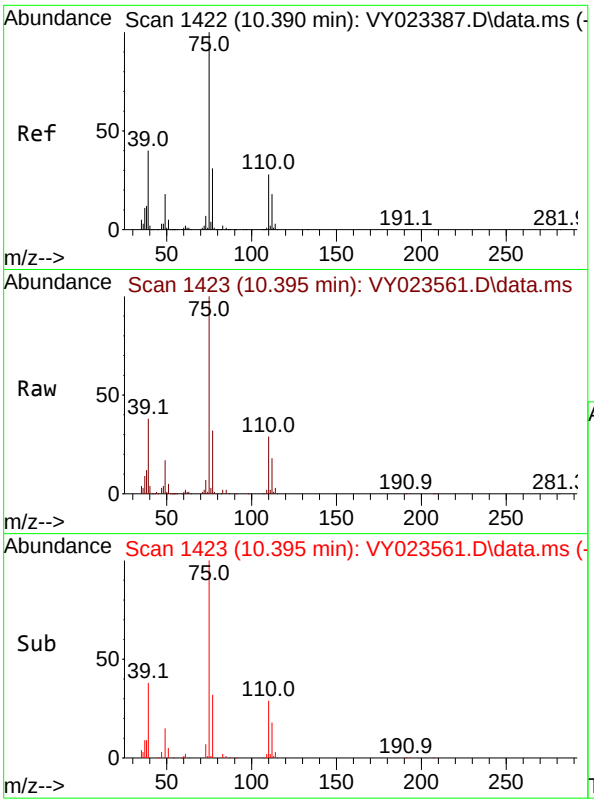


#52
Toluene
Concen: 21.281 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 92 Resp: 284413

Ion	Ratio	Lower	Upper
92	100		
91	168.8	136.4	204.6

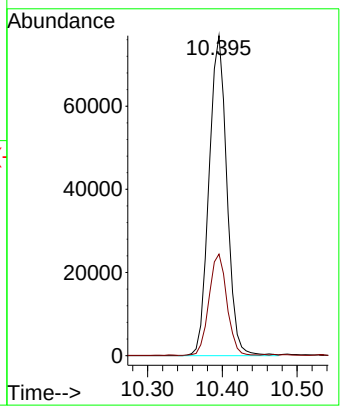




#53
t-1,3-Dichloropropene
Concen: 20.264 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 12757

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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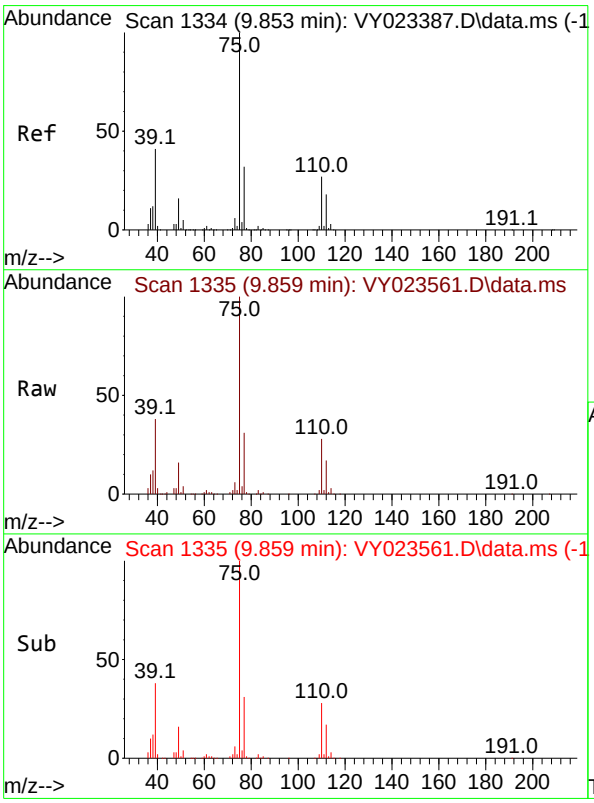
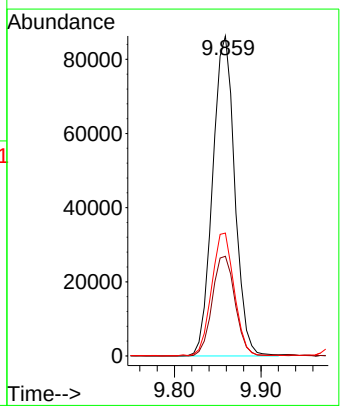
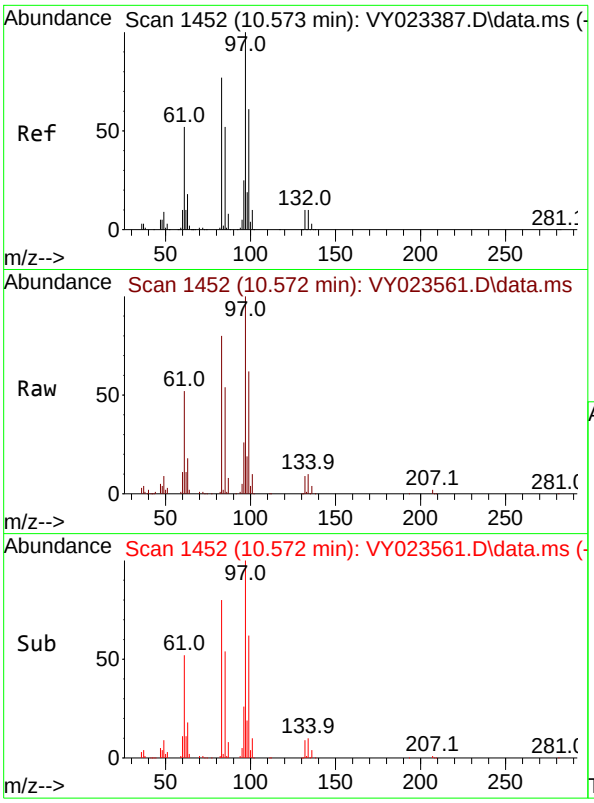


#54
cis-1,3-Dichloropropene
Concen: 20.608 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 153131

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0
39	38.3	32.8	49.2

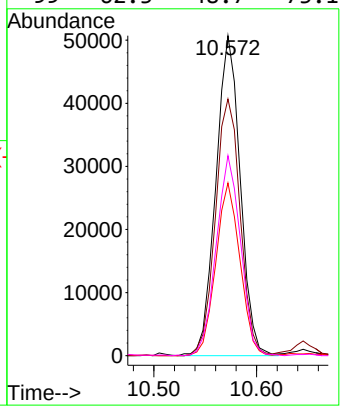




#55
1,1,2-Trichloroethane
Concen: 21.587 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 97 Resp: 8345

Ion	Ratio	Lower	Upper
97	100		
83	80.2	61.8	92.6
85	53.9	41.3	61.9
99	62.3	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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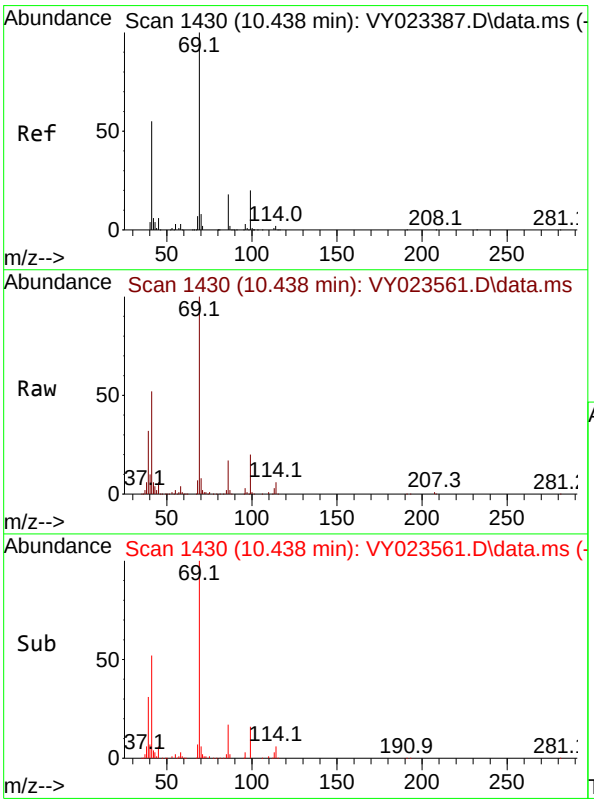
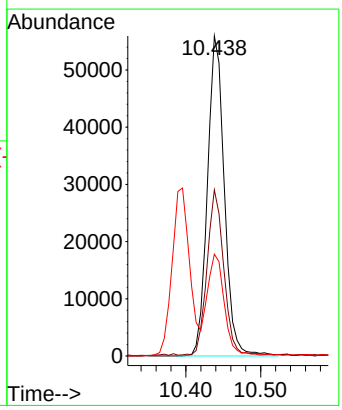
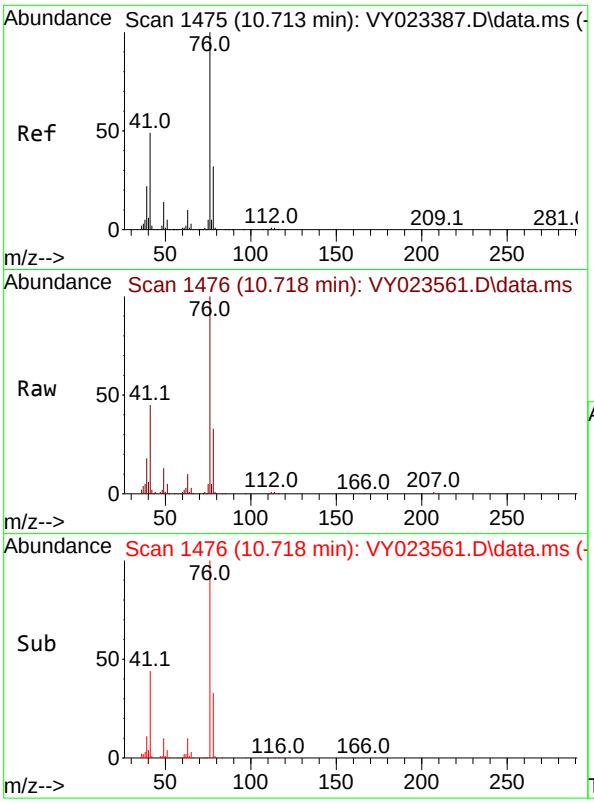


#56
Ethyl methacrylate
Concen: 19.752 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 69 Resp: 88085

Ion	Ratio	Lower	Upper
69	100		
41	50.5	44.6	67.0
39	31.1	27.0	40.4





#57
1,3-Dichloropropane
Concen: 20.716 ug/l
RT: 10.718 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 76 Resp: 12690

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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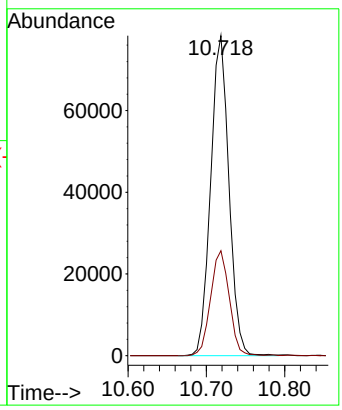
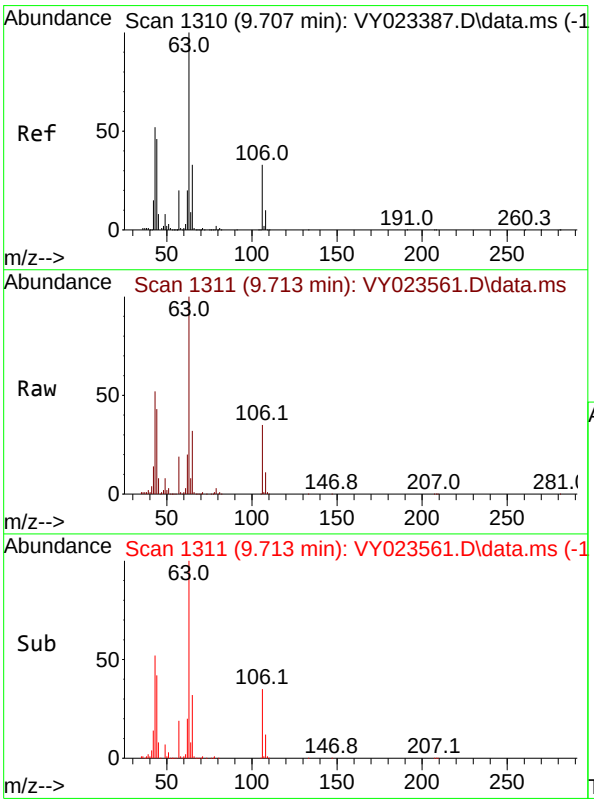
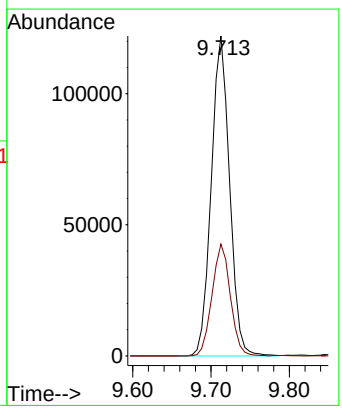


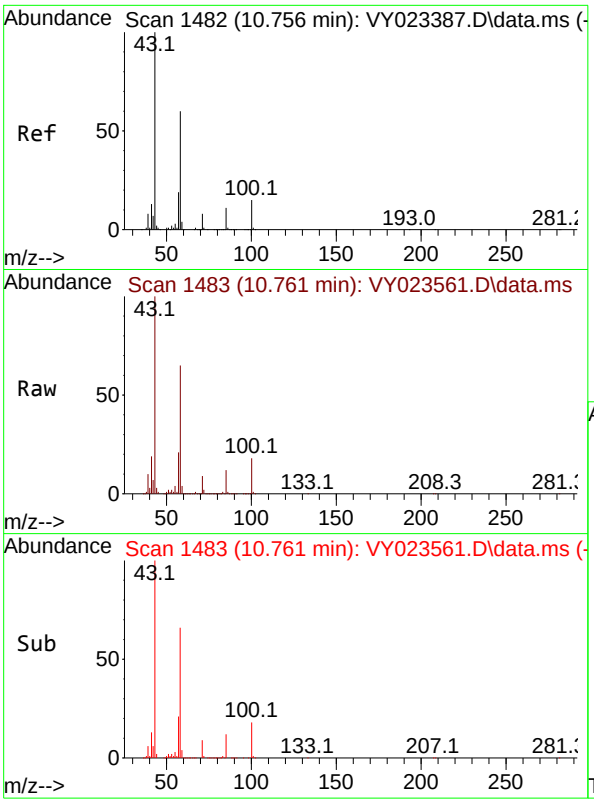


#58
2-Chloroethyl Vinyl ether
Concen: 99.163 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 198103

Ion	Ratio	Lower	Upper
63	100		
106	34.9	26.6	39.8





#59
2-Hexanone
Concen: 111.416 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 21122

Ion	Ratio	Lower	Upper
43	100		
58	64.1	30.5	91.5

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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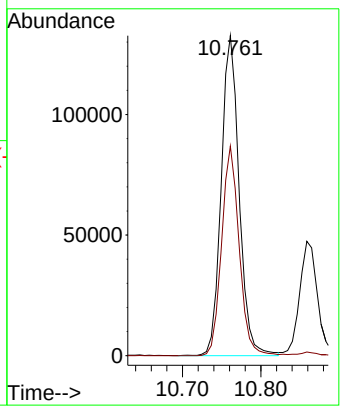
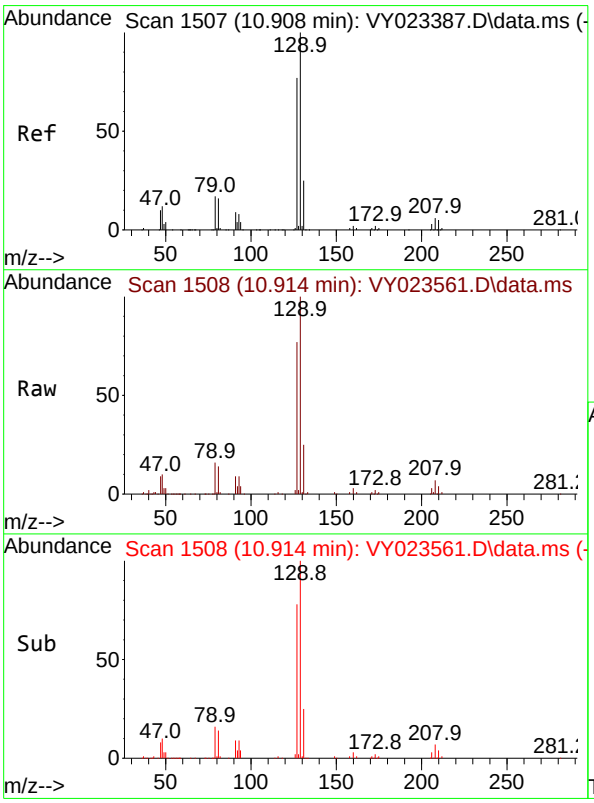
Supervised By :Mahesh Dadoda 10/27/2025

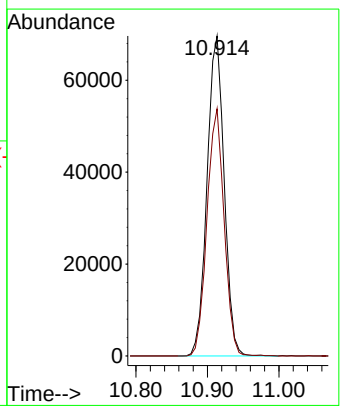


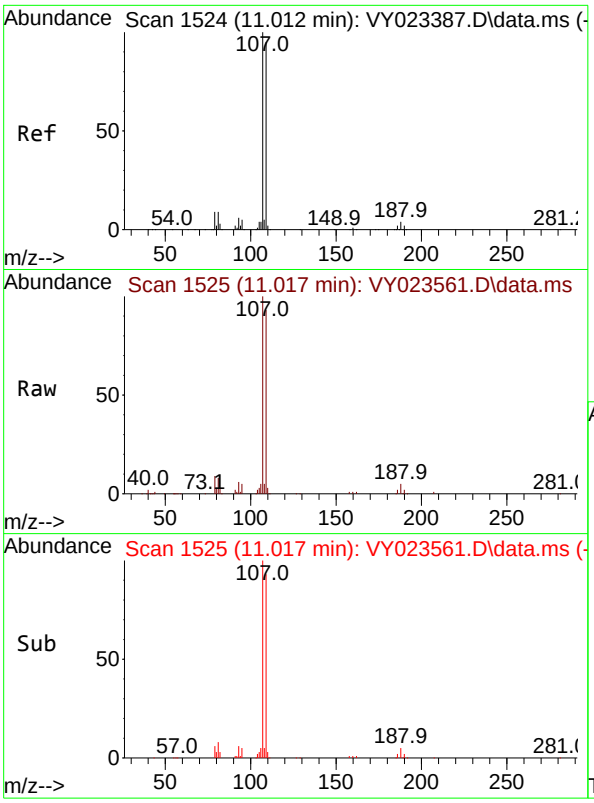


#60
Dibromochloromethane
Concen: 21.342 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:129 Resp: 115677

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	115.7





#61
1,2-Dibromoethane
Concen: 21.377 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:107 Resp: 7881

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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Reviewed By :Amit Patel 10/27/2025
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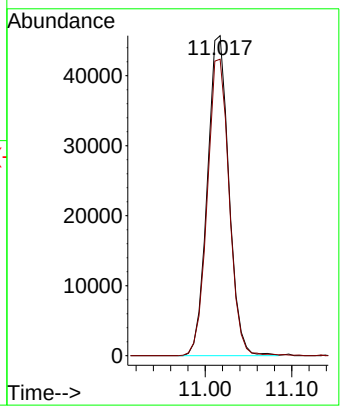
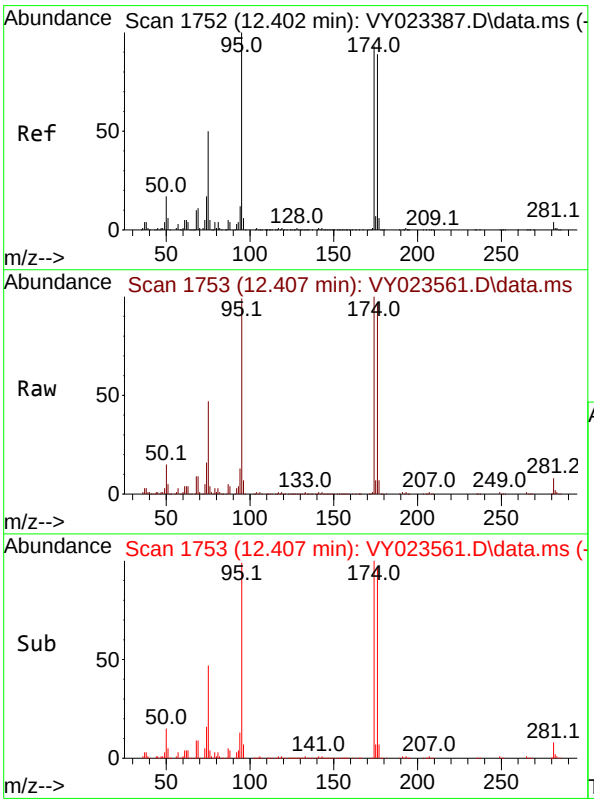
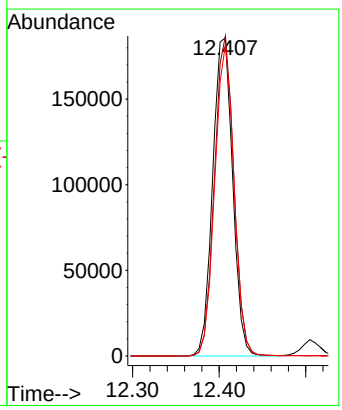


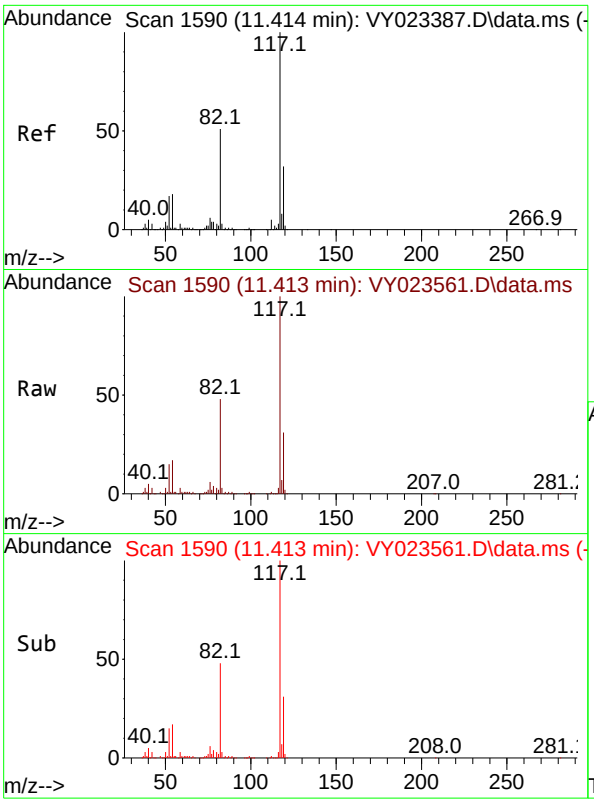


#62
4-Bromofluorobenzene
Concen: 49.317 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 95 Resp: 297693

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	192.8
176	94.3	0.0	187.6

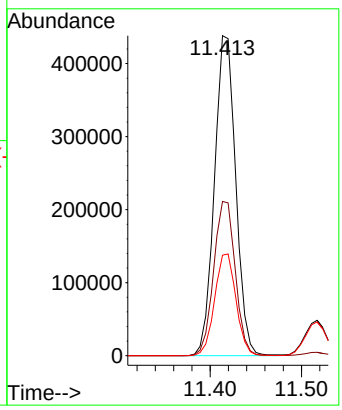




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:117 Resp: 70971

Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.0	61.4
119	31.4	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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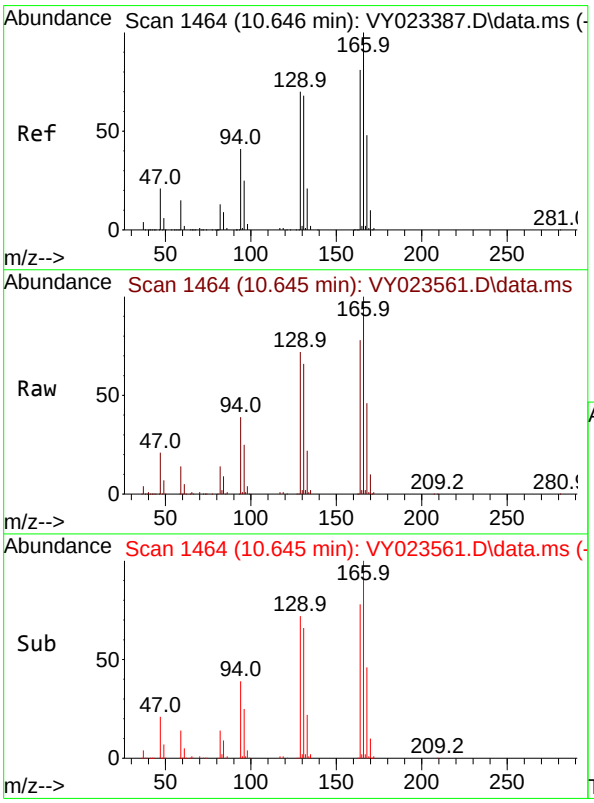
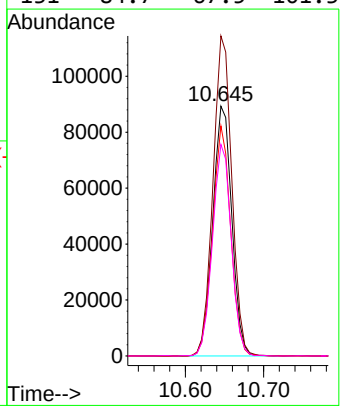
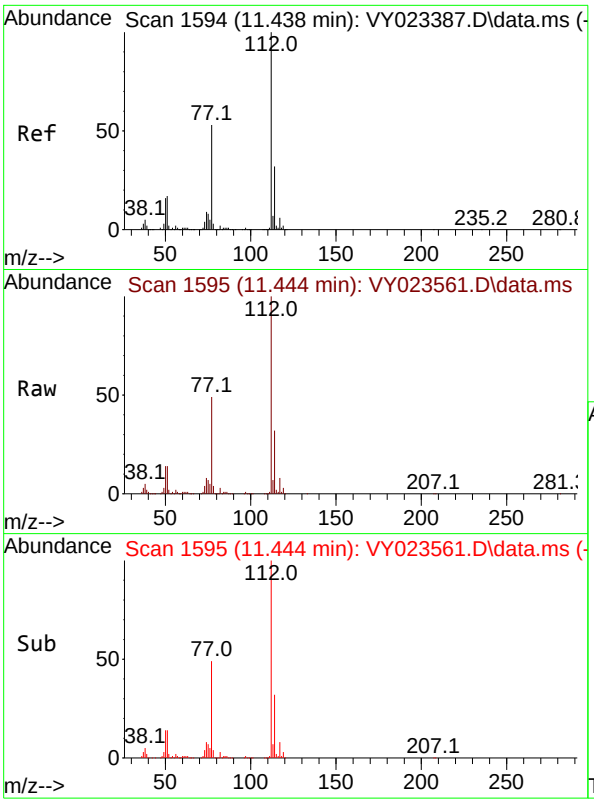


#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:164 Resp: 151245

Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	92.1	69.4	104.2
131	84.7	67.5	101.3

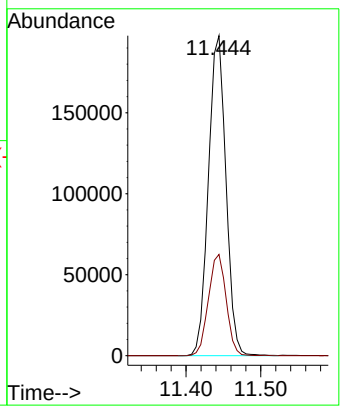




#65
Chlorobenzene
Concen: 20.861 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:112 Resp: 32200

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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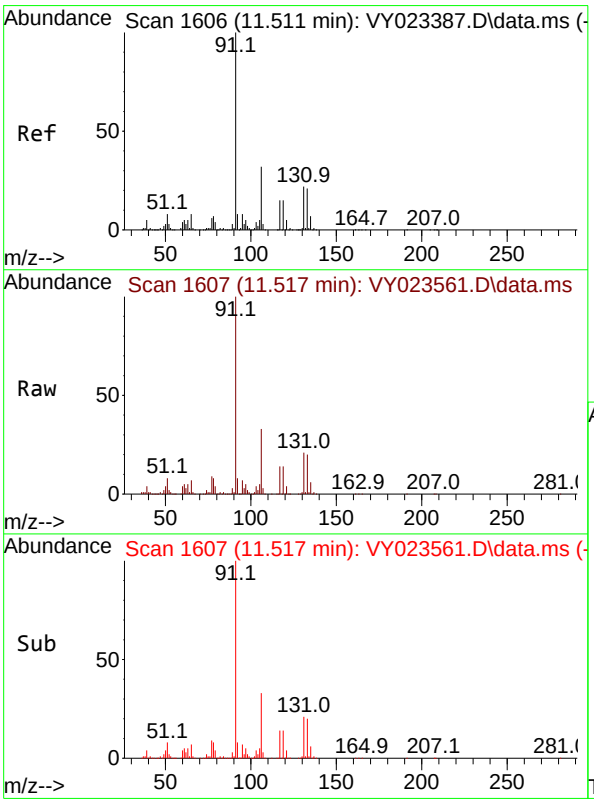
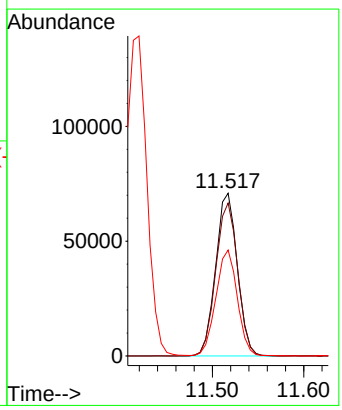
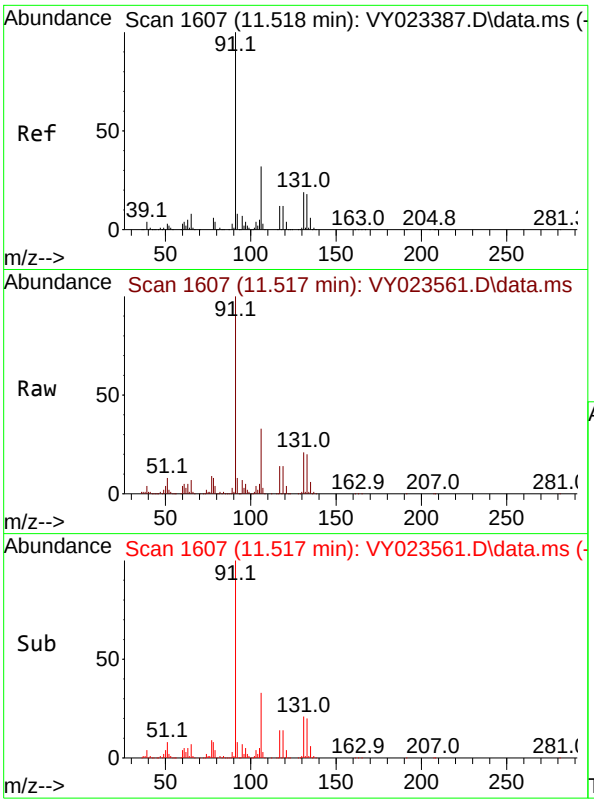


#66
1,1,1,2-Tetrachloroethane
Concen: 21.195 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:131 Resp: 116589

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.4	145.2
119	64.8	32.4	97.2

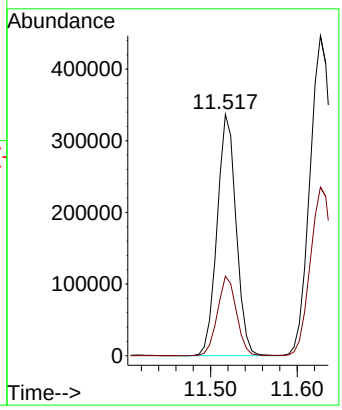




#67
Ethyl Benzene
Concen: 20.521 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 51275

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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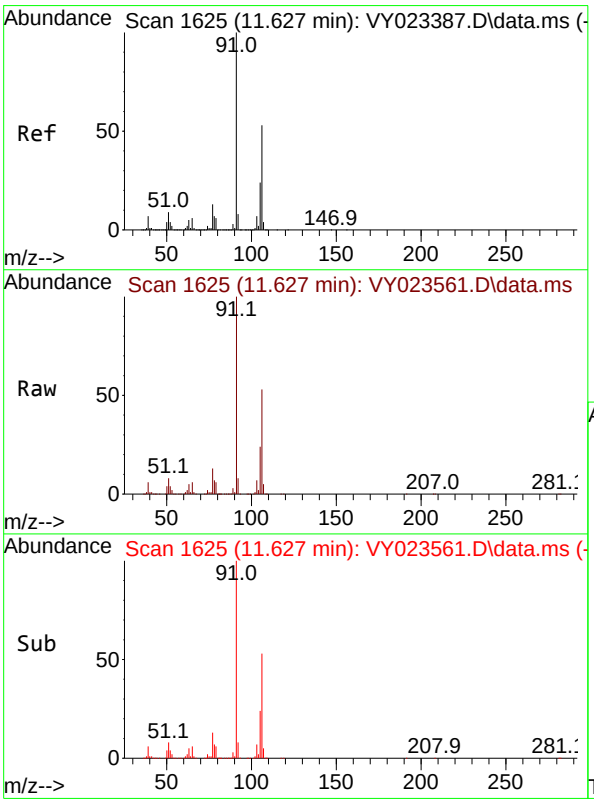
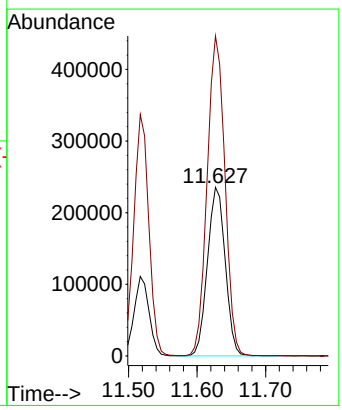
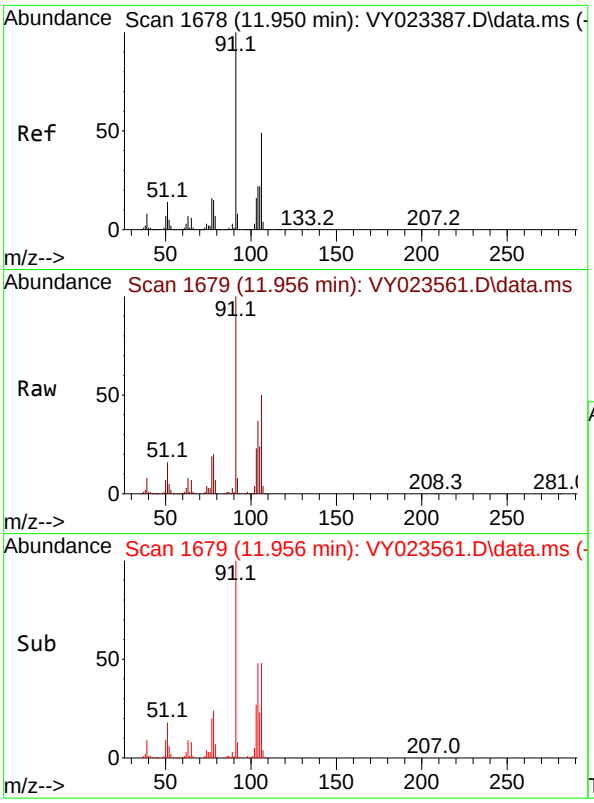


#68
m/p-Xylenes
Concen: 42.257 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:106 Resp: 423494

Ion	Ratio	Lower	Upper
106	100		
91	189.9	152.6	229.0





#69
o-Xylene
Concen: 21.072 ug/l
RT: 11.956 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:106 Resp: 19808

Ion	Ratio	Lower	Upper
106	100		
91	198.1	101.4	304.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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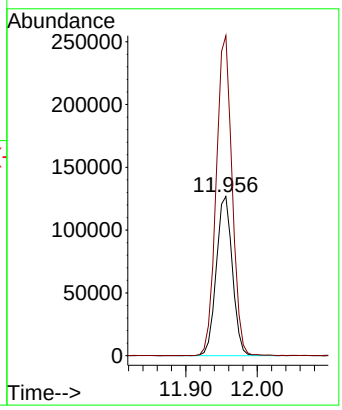
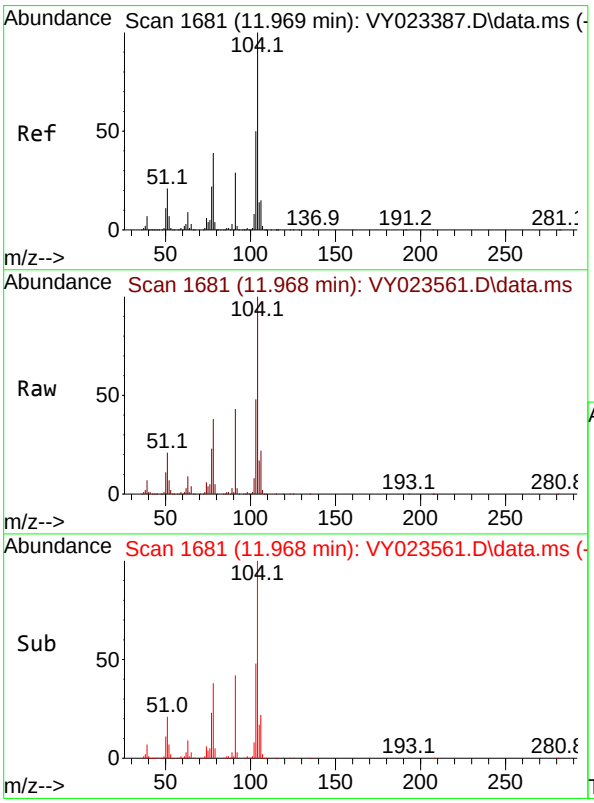
Supervised By :Mahesh Dadoda 10/27/2025

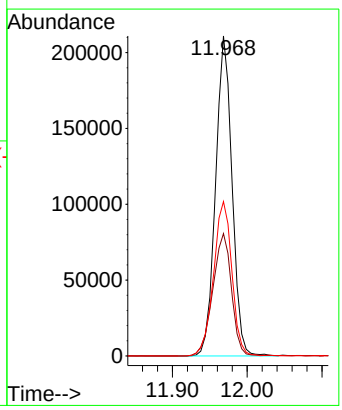


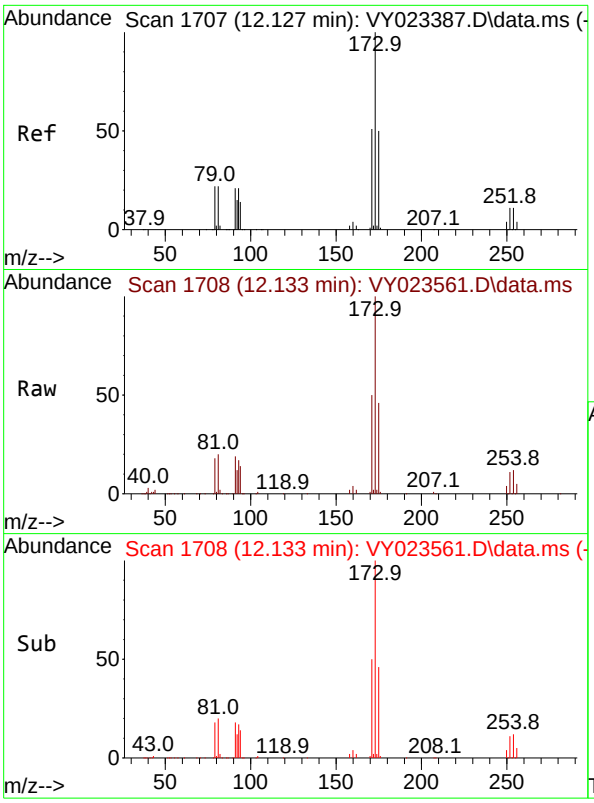


#70
Styrene
Concen: 20.949 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:104 Resp: 323830

Ion	Ratio	Lower	Upper
104	100		
78	43.4	36.1	54.1
103	53.7	43.2	64.8

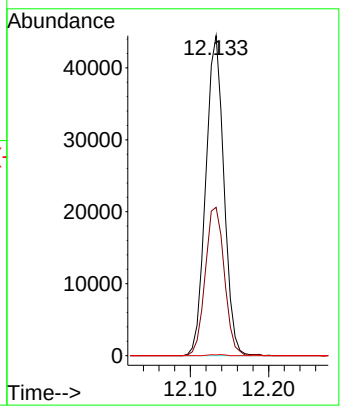




#71
Bromoform
Concen: 20.917 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:173 Resp: 7137

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.3	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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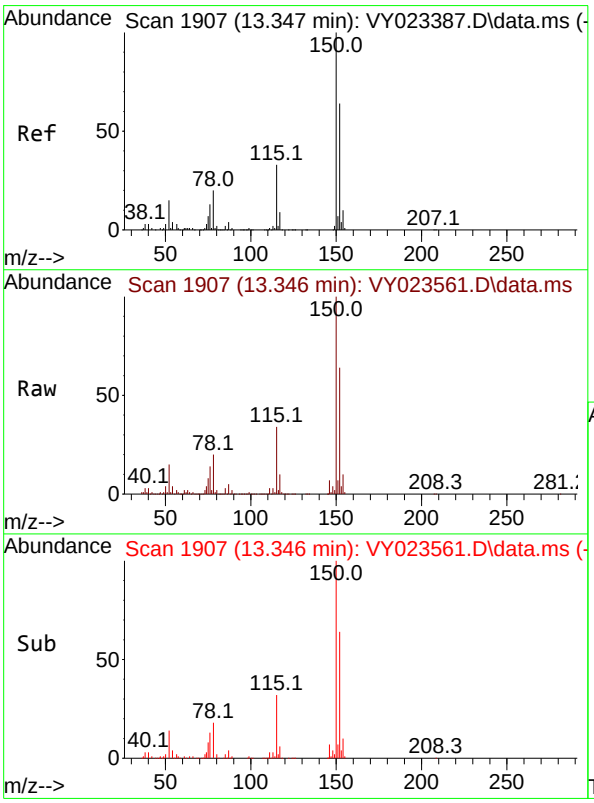
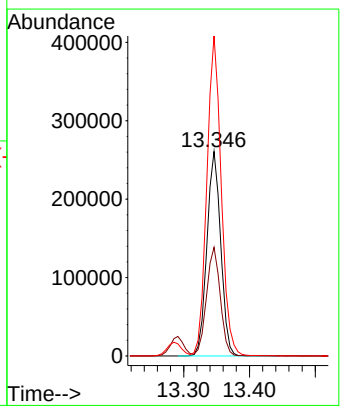
Supervised By :Mahesh Dadoda 10/27/2025

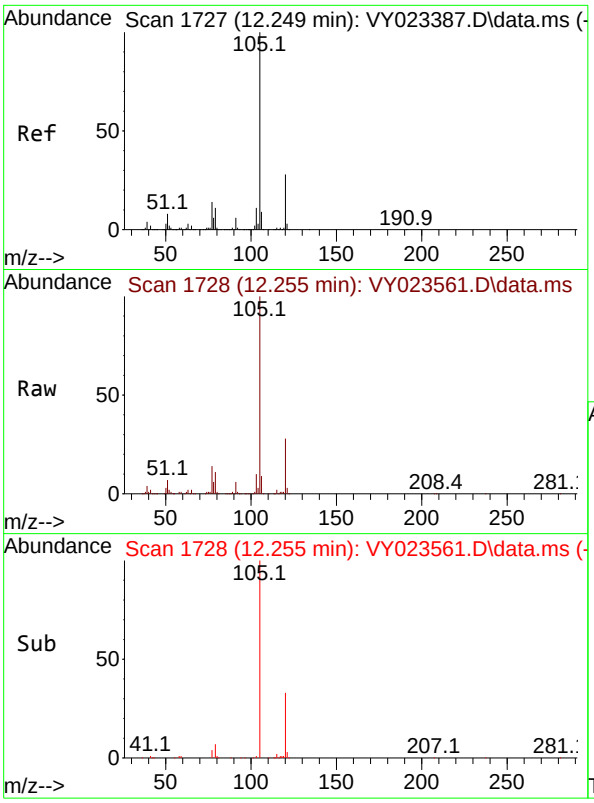


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:152 Resp: 380713

Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.1	81.2
150	163.0	0.0	347.4

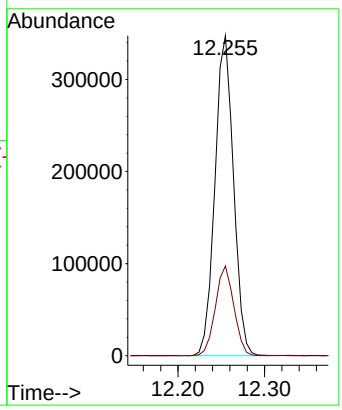




#73
Isopropylbenzene
Concen: 20.581 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 51635

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7



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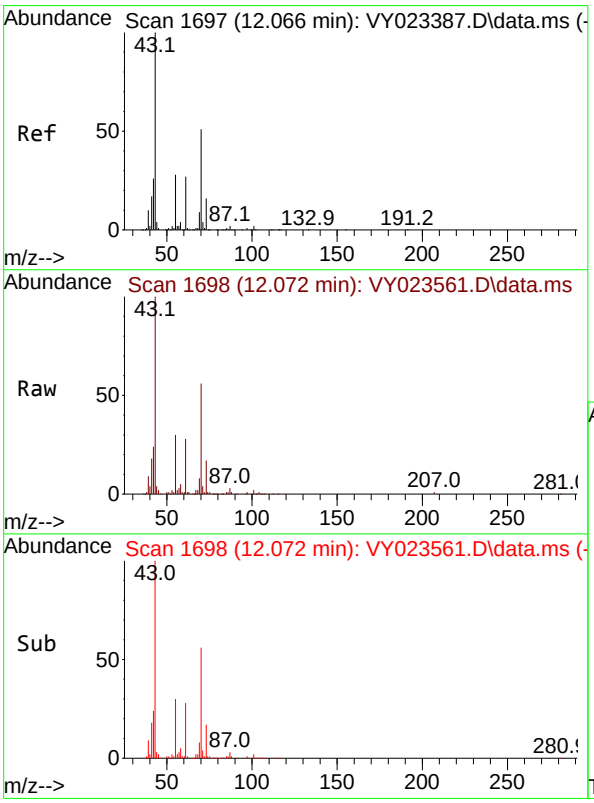
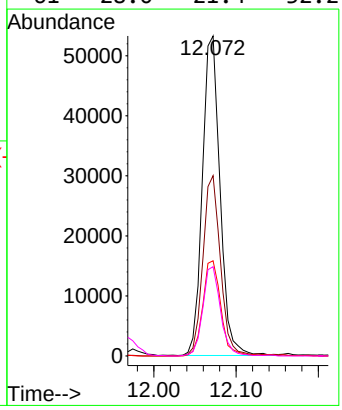
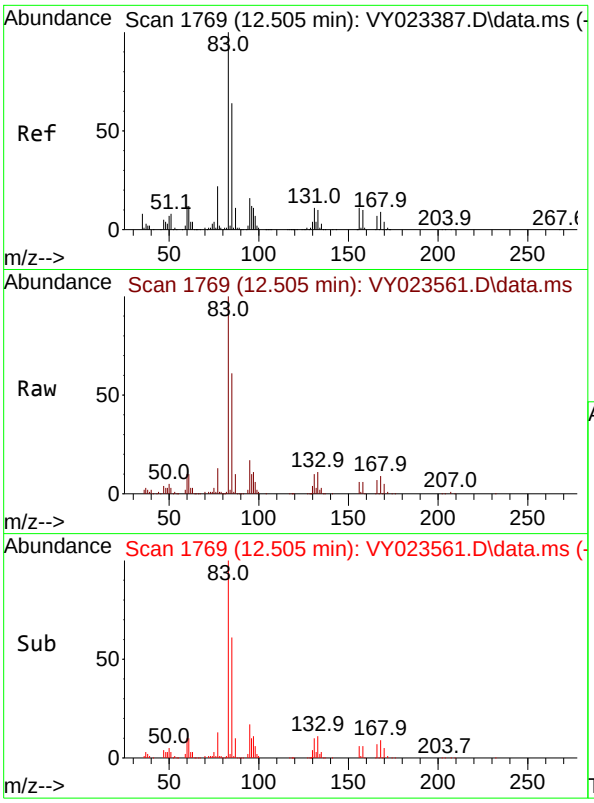


#74
N-amyl acetate
Concen: 17.669 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 79625

Ion	Ratio	Lower	Upper
43	100		
70	56.3	41.1	61.7
55	30.4	23.0	34.6
61	28.0	21.4	32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.318 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 83 Resp: 8337

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.6
85	64.5	31.8	95.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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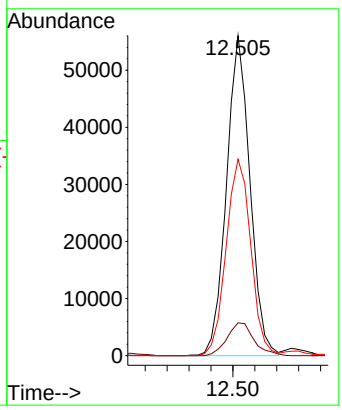
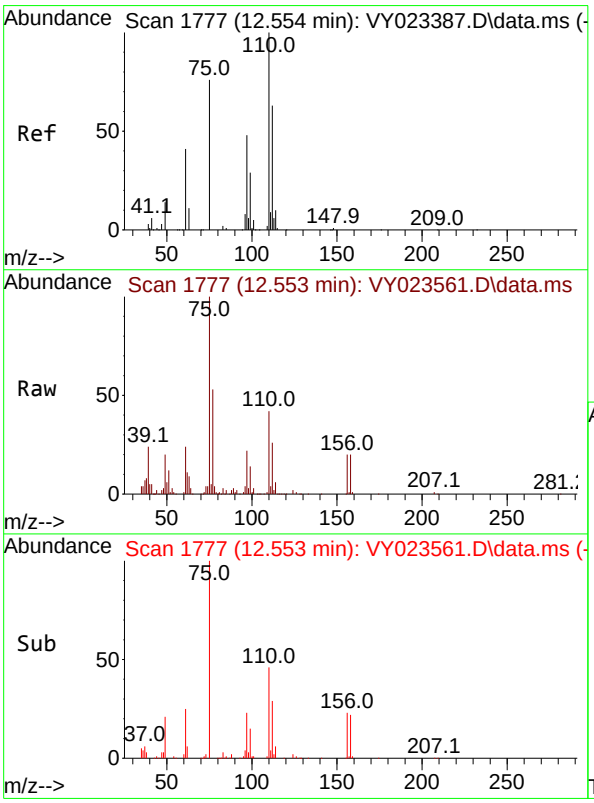
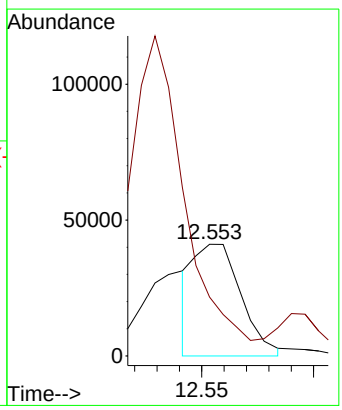


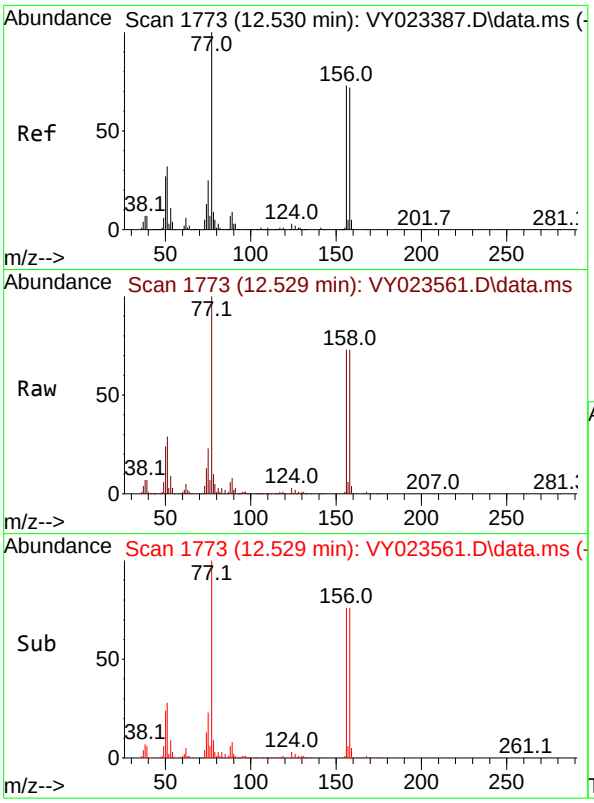


#76
1,2,3-Trichloropropane
Concen: 18.195 ug/l m
RT: 12.553 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 61116

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

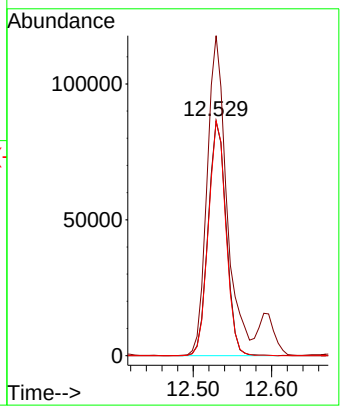




#77
Bromobenzene
Concen: 20.547 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:156 Resp: 13705

Ion	Ratio	Lower	Upper
156	100		
77	149.4	76.8	230.5
158	98.3	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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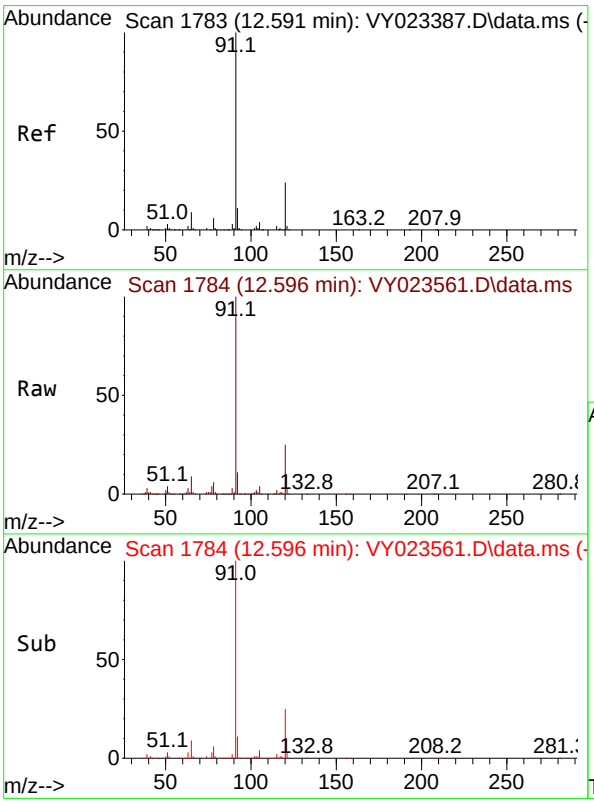
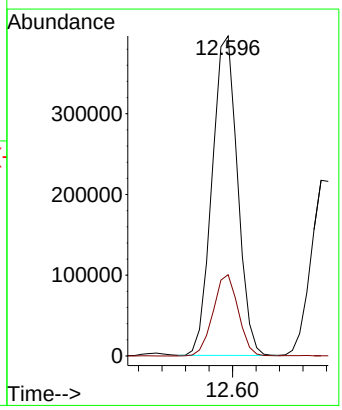
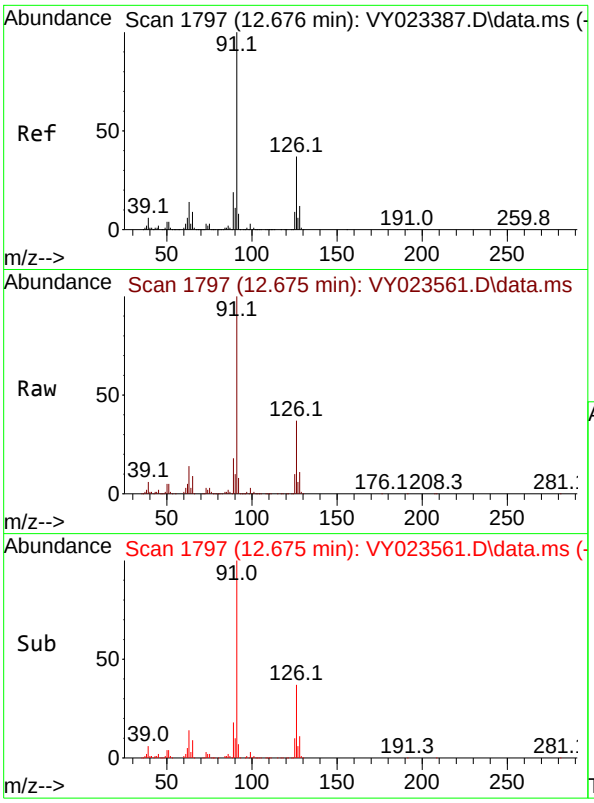


#78
n-propylbenzene
Concen: 20.520 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 595772

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8

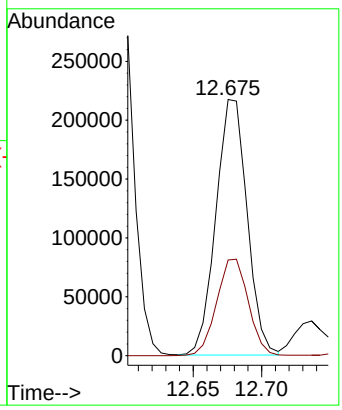




#79
2-Chlorotoluene
Concen: 20.287 ug/l
RT: 12.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 34491

Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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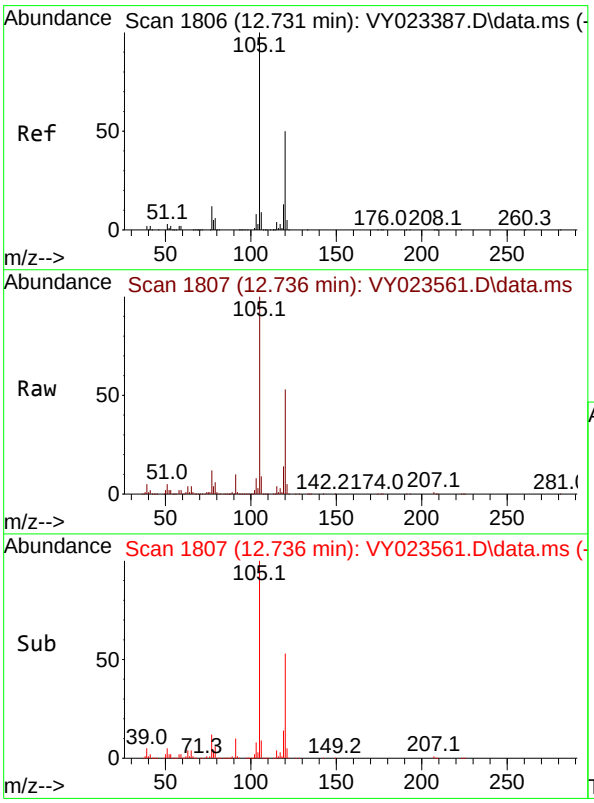
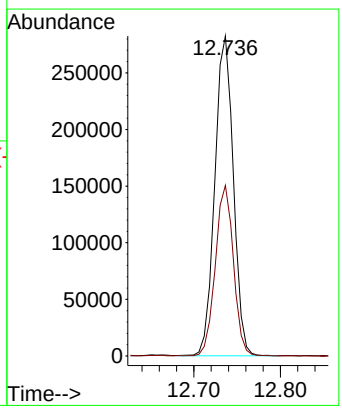
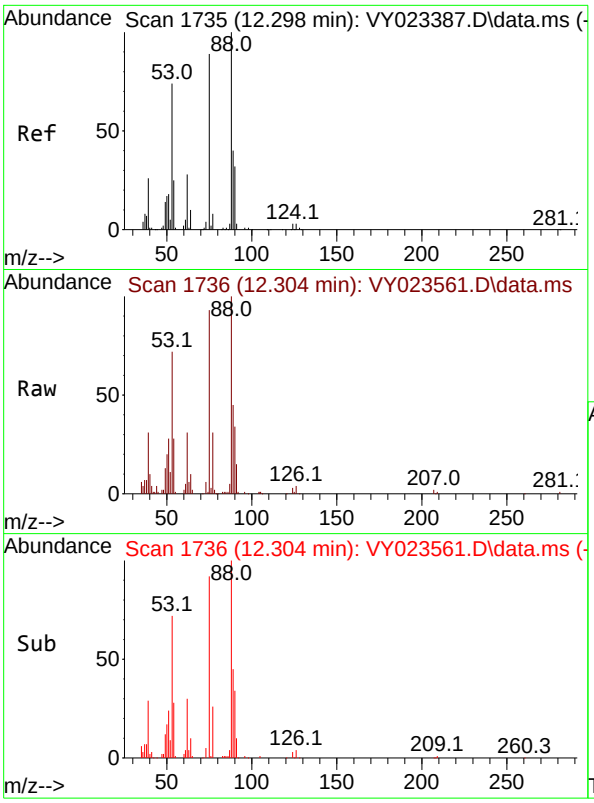


#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 419394

Ion	Ratio	Lower	Upper
105	100		
120	52.0	25.4	76.4

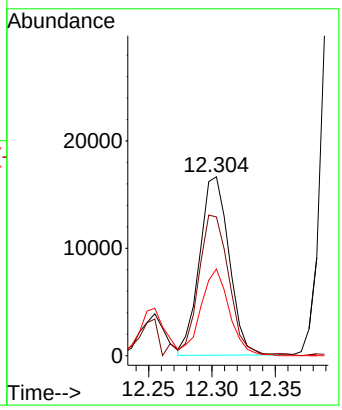




#81
trans-1,4-Dichloro-2-butene
Concen: 19.665 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 2693

Ion	Ratio	Lower	Upper
75	100		
53	80.9	68.6	102.8
89	46.9	39.0	58.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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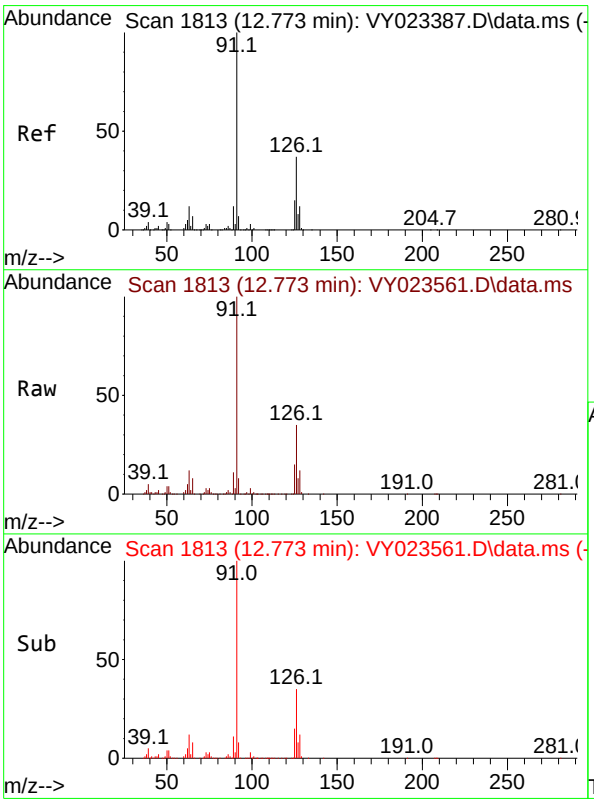
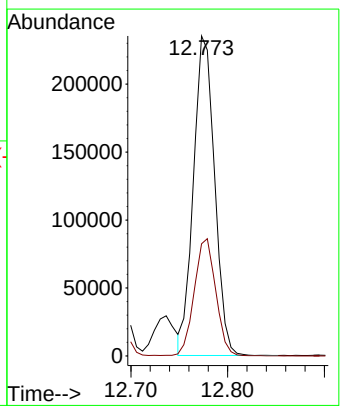
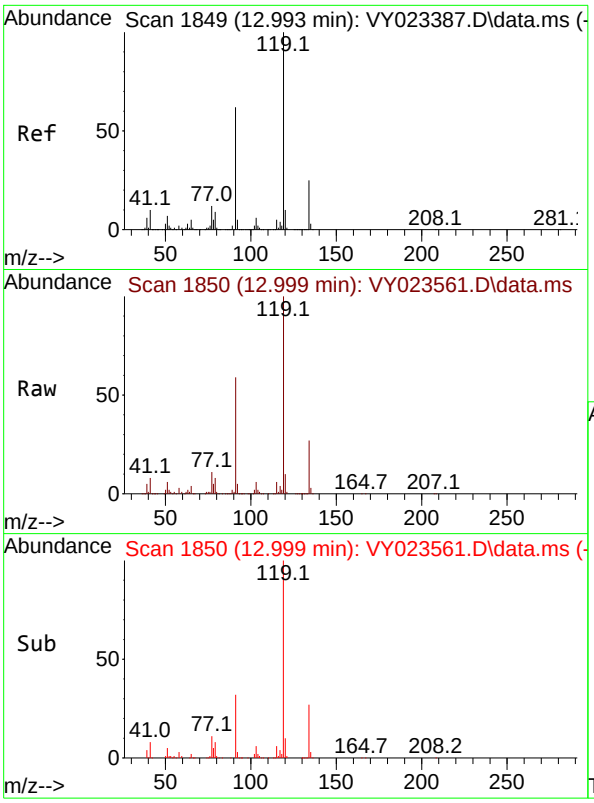


#82
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 358669

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.4	55.4

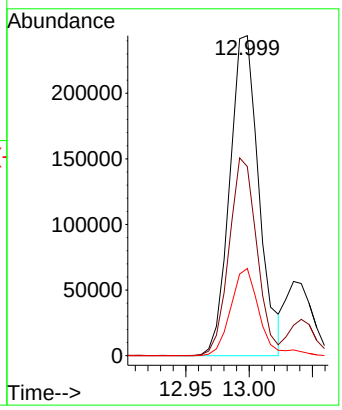




#83
tert-Butylbenzene
Concen: 20.942 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:119 Resp: 39201

Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.9	89.8
134	26.9	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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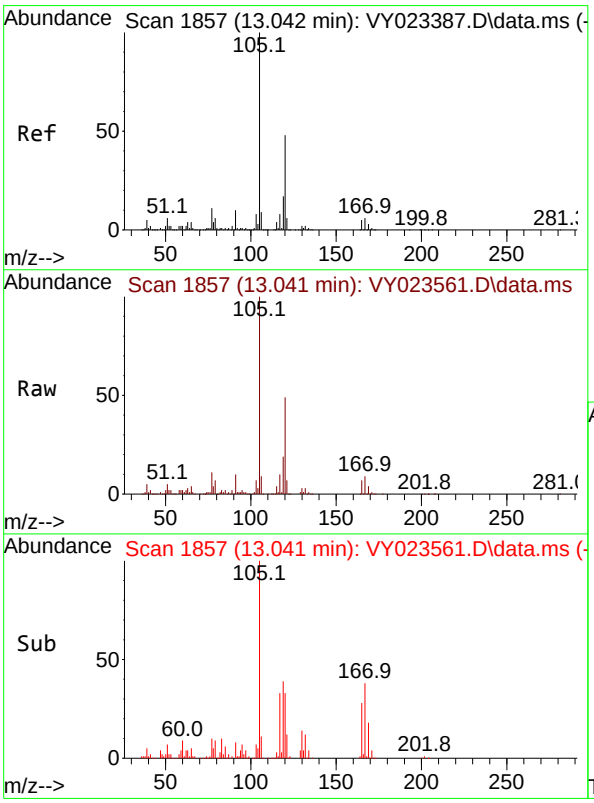
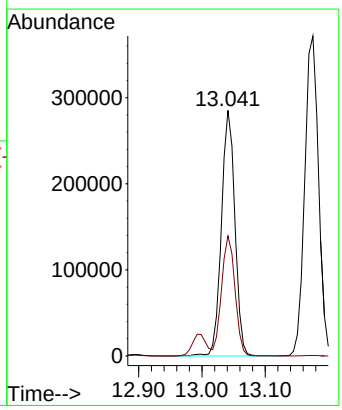
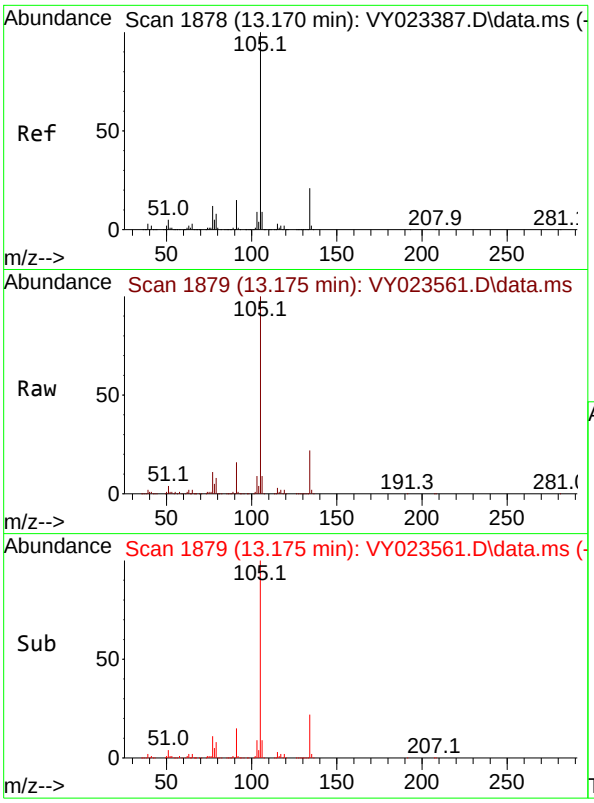


#84
1,2,4-Trimethylbenzene
Concen: 20.792 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 420704

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.2

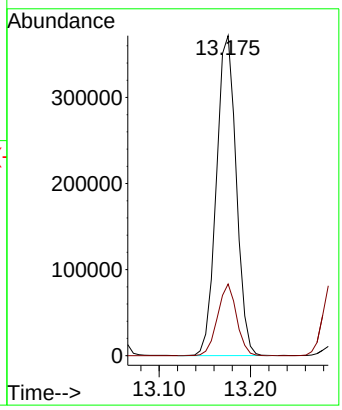




#85
sec-Butylbenzene
Concen: 20.869 ug/l
RT: 13.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 56039

Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

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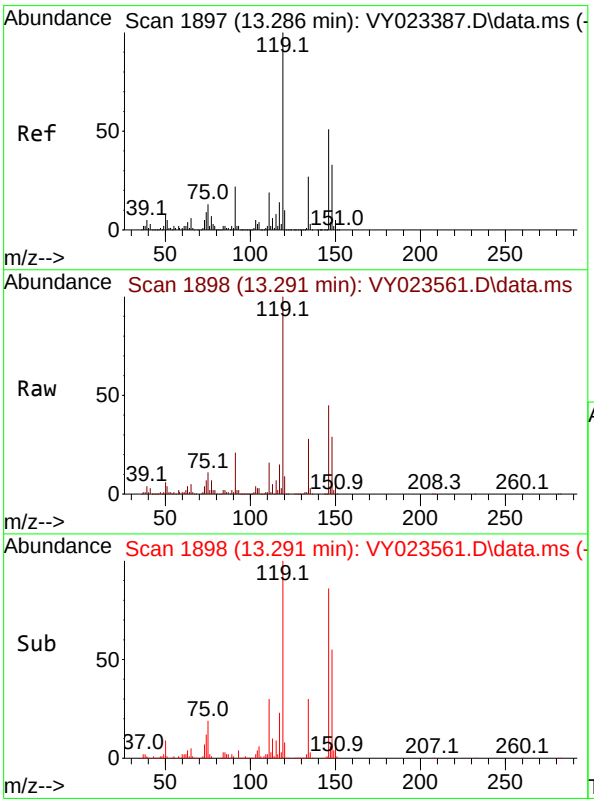
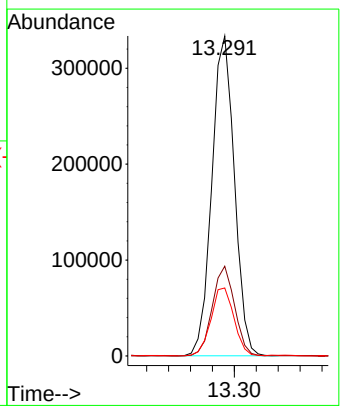
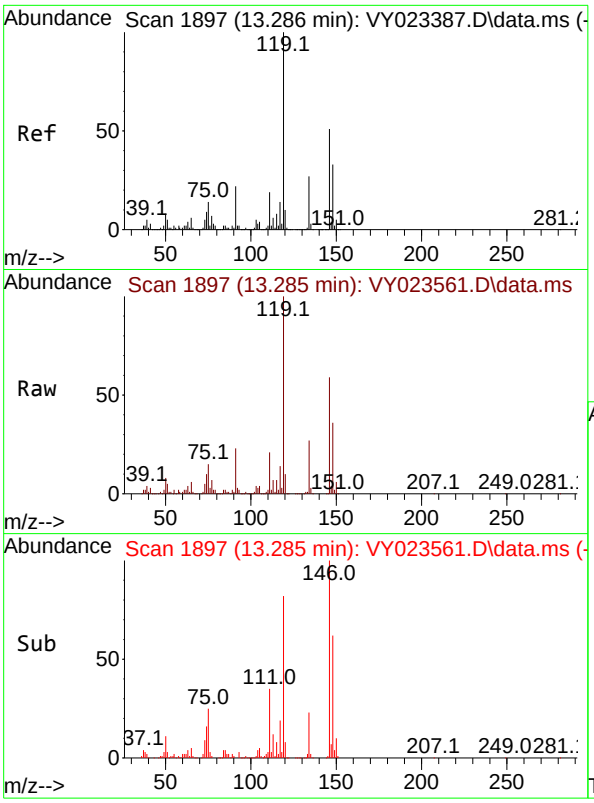


#86
p-Isopropyltoluene
Concen: 20.853 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:119 Resp: 476750

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.6	40.7
91	21.7	10.9	32.9

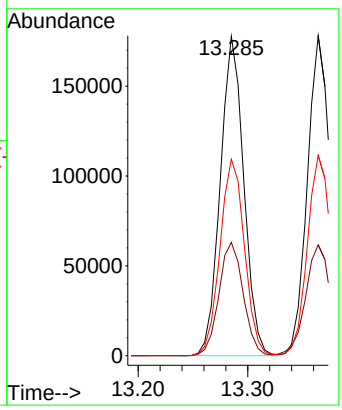




#87
1,3-Dichlorobenzene
Concen: 20.394 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:146 Resp: 26489

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	63.9	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
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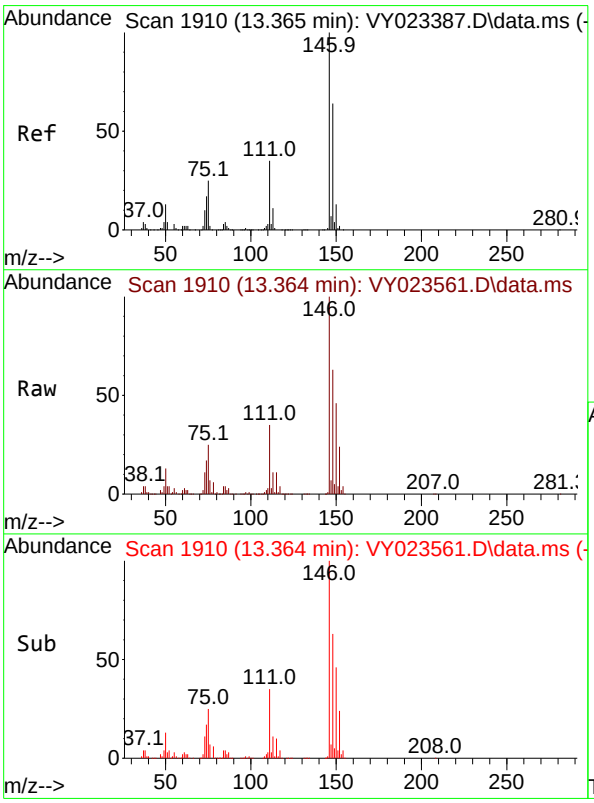
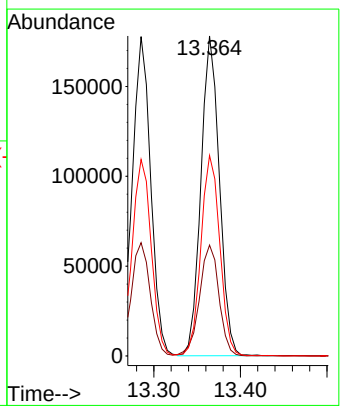
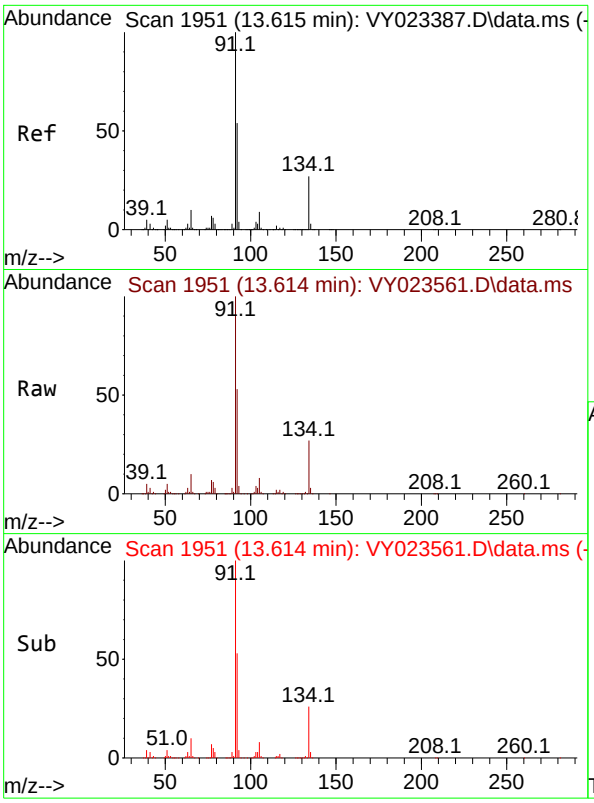


#88
1,4-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:146 Resp: 264053

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	63.9	31.9	95.7

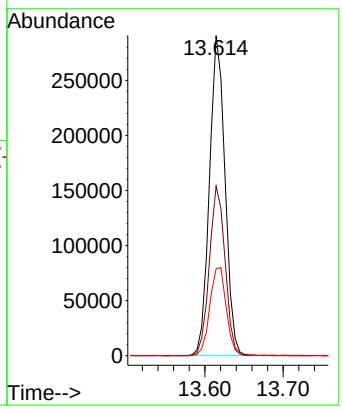




#89
n-Butylbenzene
Concen: 20.154 ug/l
RT: 13.614 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 40149

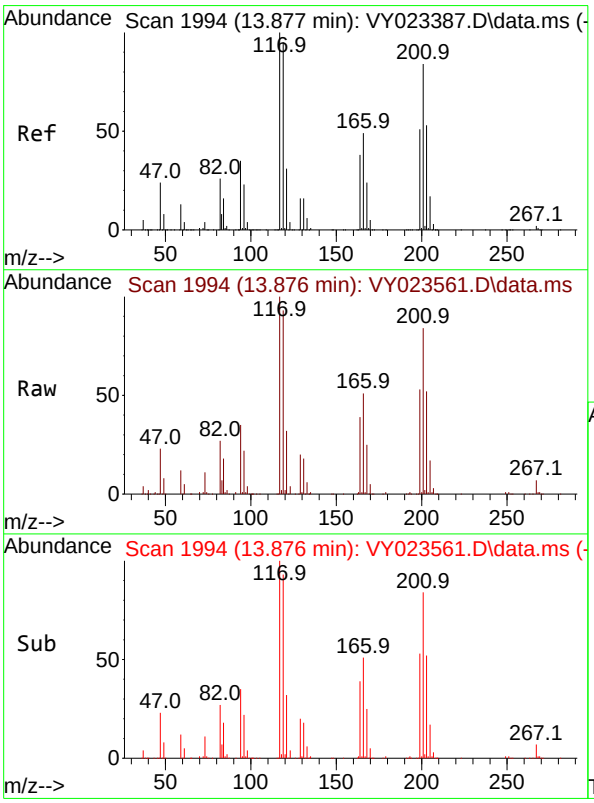
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	29.0	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

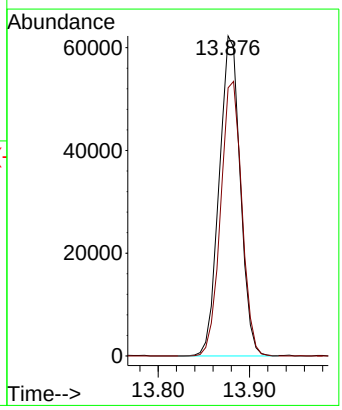
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

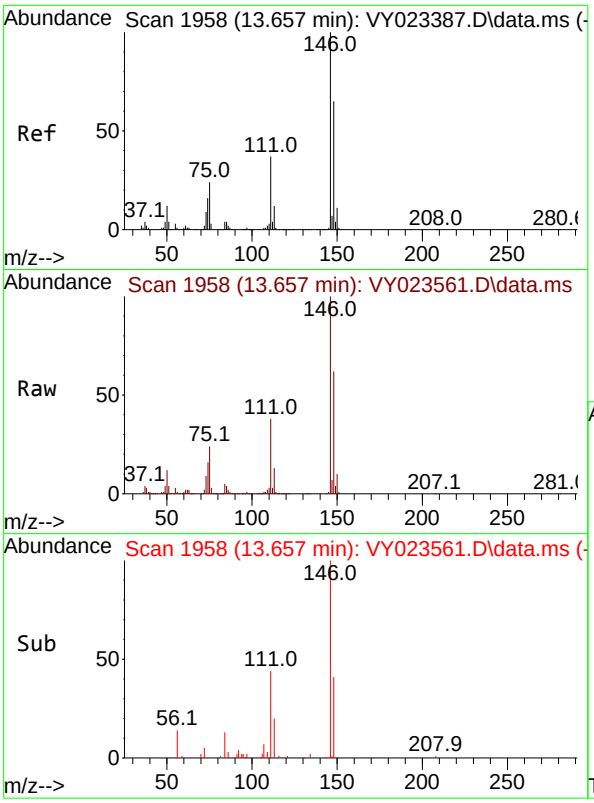


#90
Hexachloroethane
Concen: 20.324 ug/l
RT: 13.876 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:117 Resp: 99943

Ion	Ratio	Lower	Upper
117	100		
201	86.1	43.8	131.4

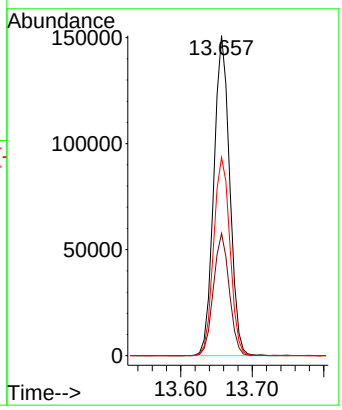




#91
1,2-Dichlorobenzene
Concen: 20.419 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:146 Resp: 23252

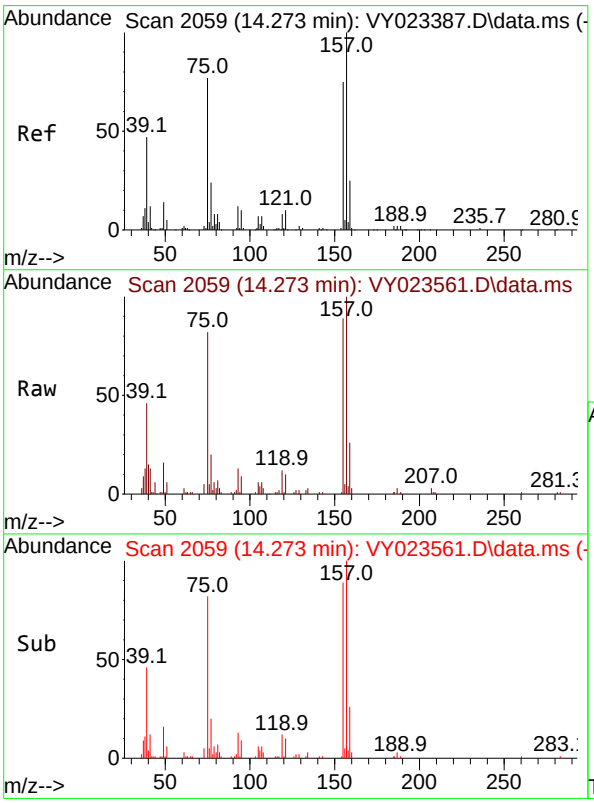
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.7	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

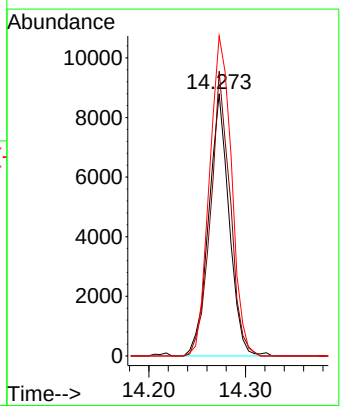
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

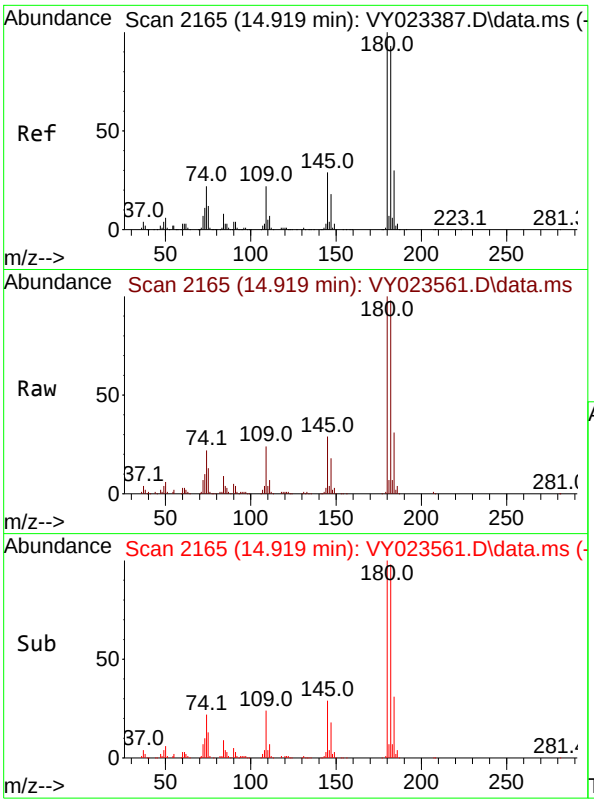


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.144 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 12890

Ion	Ratio	Lower	Upper
75	100		
155	103.4	50.0	150.0
157	132.1	63.8	191.5

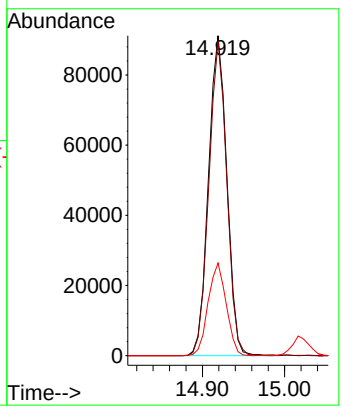




#93
1,2,4-Trichlorobenzene
Concen: 19.937 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:180 Resp: 14153

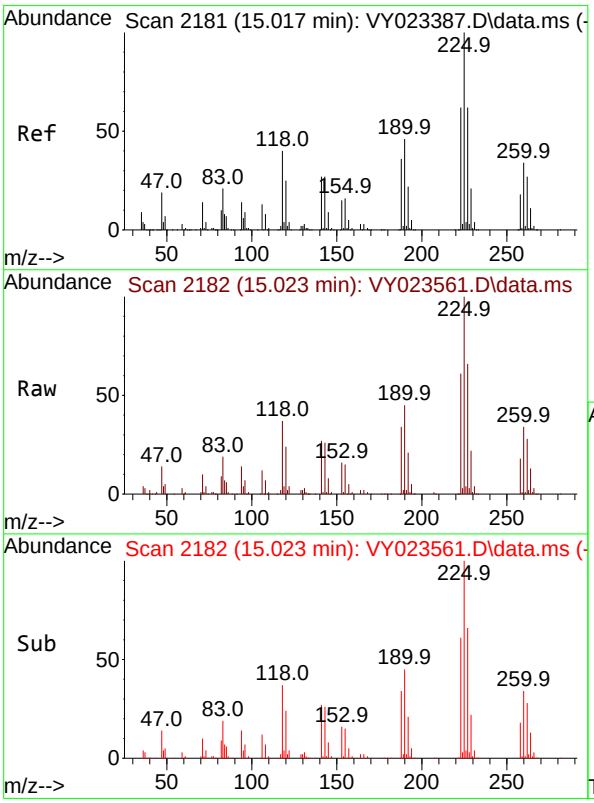
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	28.5	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

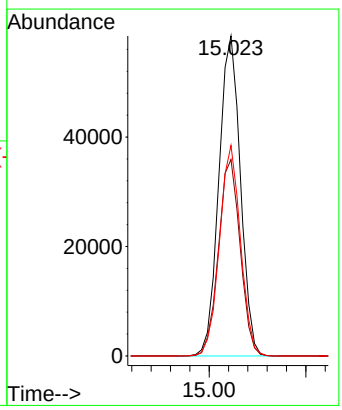
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

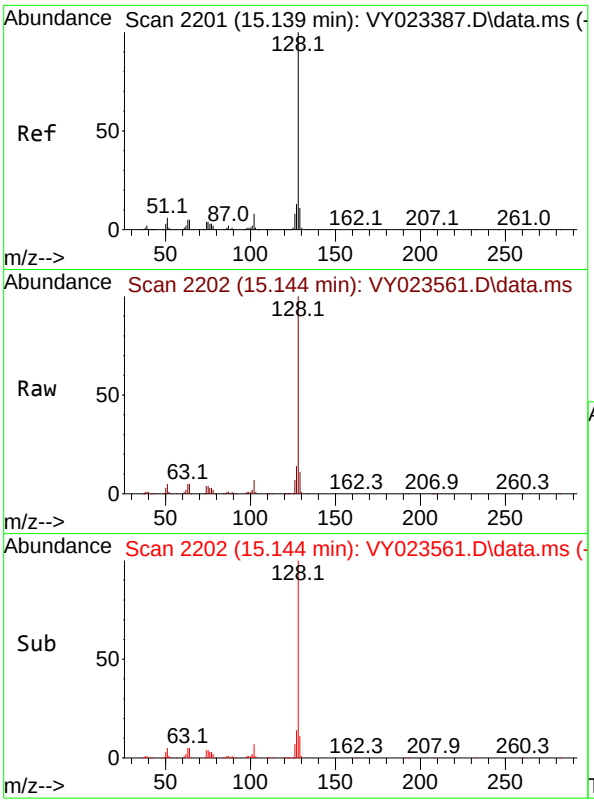


#94
Hexachlorobutadiene
Concen: 20.387 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:225 Resp: 90220

Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.8	92.3
227	64.1	31.9	95.7

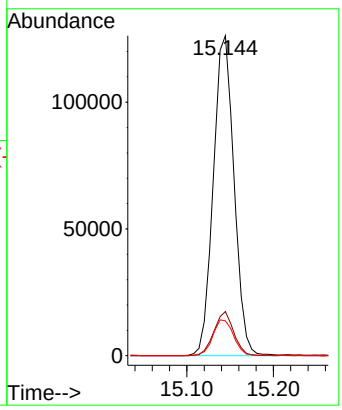




#95
Naphthalene
Concen: 18.584 ug/l
RT: 15.144 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:128 Resp: 21009

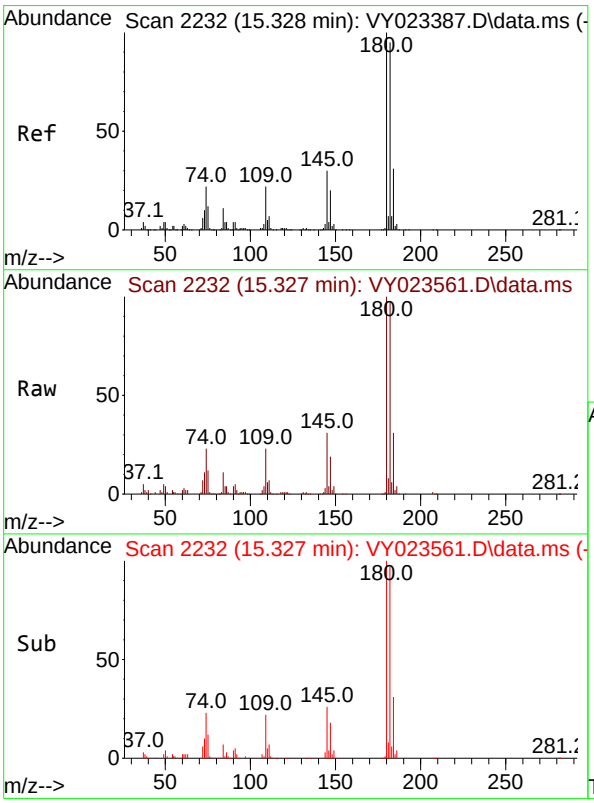
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Manual Integrations
APPROVED

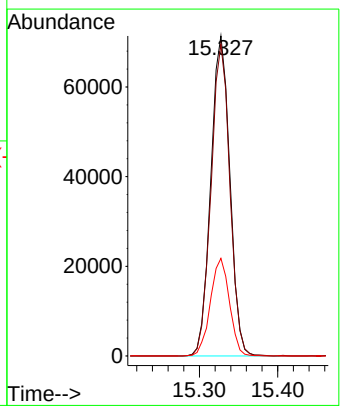
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.609 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:180 Resp: 120577

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	30.6	15.3	45.9



Raw Data: **VX048256.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBSD01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBSD01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	18.0		1	0.22	0.50	1.00	ug/L	10/21/25 10:33	VX102125
74-87-3	Chloromethane	17.3		1	0.32	0.50	1.00	ug/L	10/21/25 10:33	VX102125
75-01-4	Vinyl Chloride	16.9		1	0.26	0.75	1.00	ug/L	10/21/25 10:33	VX102125
74-83-9	Bromomethane	19.0		1	1.40	3.80	5.00	ug/L	10/21/25 10:33	VX102125
75-00-3	Chloroethane	19.0		1	0.47	0.75	1.00	ug/L	10/21/25 10:33	VX102125
75-69-4	Trichlorofluoromethane	17.9		1	0.33	0.50	1.00	ug/L	10/21/25 10:33	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		1	0.25	0.50	1.00	ug/L	10/21/25 10:33	VX102125
75-35-4	1,1-Dichloroethene	17.9		1	0.23	0.75	1.00	ug/L	10/21/25 10:33	VX102125
67-64-1	Acetone	81.6		1	1.50	3.80	5.00	ug/L	10/21/25 10:33	VX102125
75-15-0	Carbon Disulfide	16.9		1	0.21	0.75	1.00	ug/L	10/21/25 10:33	VX102125
1634-04-4	Methyl tert-butyl Ether	18.0		1	0.16	0.50	1.00	ug/L	10/21/25 10:33	VX102125
79-20-9	Methyl Acetate	16.9		1	0.27	0.75	1.00	ug/L	10/21/25 10:33	VX102125
75-09-2	Methylene Chloride	18.5		1	0.28	0.50	1.00	ug/L	10/21/25 10:33	VX102125
156-60-5	trans-1,2-Dichloroethene	18.8		1	0.23	0.50	1.00	ug/L	10/21/25 10:33	VX102125
75-34-3	1,1-Dichloroethane	18.8		1	0.23	0.50	1.00	ug/L	10/21/25 10:33	VX102125
110-82-7	Cyclohexane	18.4		1	1.50	2.50	5.00	ug/L	10/21/25 10:33	VX102125
78-93-3	2-Butanone	85.7		1	0.98	2.50	5.00	ug/L	10/21/25 10:33	VX102125
56-23-5	Carbon Tetrachloride	17.2		1	0.25	0.50	1.00	ug/L	10/21/25 10:33	VX102125
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	0.75	1.00	ug/L	10/21/25 10:33	VX102125
74-97-5	Bromochloromethane	21.3		1	0.22	0.50	1.00	ug/L	10/21/25 10:33	VX102125
67-66-3	Chloroform	19.0		1	0.25	0.50	1.00	ug/L	10/21/25 10:33	VX102125
71-55-6	1,1,1-Trichloroethane	18.3		1	0.20	0.50	1.00	ug/L	10/21/25 10:33	VX102125
108-87-2	Methylcyclohexane	18.2		1	0.16	0.50	1.00	ug/L	10/21/25 10:33	VX102125
71-43-2	Benzene	18.8		1	0.15	0.50	1.00	ug/L	10/21/25 10:33	VX102125
107-06-2	1,2-Dichloroethane	18.5		1	0.22	0.50	1.00	ug/L	10/21/25 10:33	VX102125
79-01-6	Trichloroethene	18.3		1	0.090	0.75	1.00	ug/L	10/21/25 10:33	VX102125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	0.50	1.00	ug/L	10/21/25 10:33	VX102125
75-27-4	Bromodichloromethane	18.8		1	0.22	0.50	1.00	ug/L	10/21/25 10:33	VX102125
108-10-1	4-Methyl-2-Pentanone	89.0		1	0.68	2.50	5.00	ug/L	10/21/25 10:33	VX102125
108-88-3	Toluene	18.9		1	0.14	0.50	1.00	ug/L	10/21/25 10:33	VX102125
10061-02-6	t-1,3-Dichloropropene	18.5		1	0.17	0.50	1.00	ug/L	10/21/25 10:33	VX102125
10061-01-5	cis-1,3-Dichloropropene	18.5		1	0.16	0.50	1.00	ug/L	10/21/25 10:33	VX102125
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	0.50	1.00	ug/L	10/21/25 10:33	VX102125
591-78-6	2-Hexanone	87.8		1	0.89	2.50	5.00	ug/L	10/21/25 10:33	VX102125
124-48-1	Dibromochloromethane	18.3		1	0.18	0.50	1.00	ug/L	10/21/25 10:33	VX102125
106-93-4	1,2-Dibromoethane	18.6		1	0.15	0.50	1.00	ug/L	10/21/25 10:33	VX102125
127-18-4	Tetrachloroethene	17.5		1	0.23	0.50	1.00	ug/L	10/21/25 10:33	VX102125
108-90-7	Chlorobenzene	18.9		1	0.12	0.50	1.00	ug/L	10/21/25 10:33	VX102125
100-41-4	Ethyl Benzene	18.3		1	0.13	0.50	1.00	ug/L	10/21/25 10:33	VX102125
179601-23-1	m/p-Xylenes	37.5		1	0.24	1.00	2.00	ug/L	10/21/25 10:33	VX102125
95-47-6	o-Xylene	18.5		1	0.12	0.50	1.00	ug/L	10/21/25 10:33	VX102125
100-42-5	Styrene	19.2		1	0.15	0.50	1.00	ug/L	10/21/25 10:33	VX102125
75-25-2	Bromoform	17.7		1	0.19	0.50	1.00	ug/L	10/21/25 10:33	VX102125

Raw Data: **VX048256.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1021WBSD01	SDG No.:	Q3413
Lab Sample ID:	VX1021WBSD01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.5		1	0.12	0.50	1.00	ug/L	10/21/25 10:33	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1	0.26	0.50	1.00	ug/L	10/21/25 10:33	VX102125
541-73-1	1,3-Dichlorobenzene	18.2		1	0.16	0.50	1.00	ug/L	10/21/25 10:33	VX102125
106-46-7	1,4-Dichlorobenzene	18.2		1	0.19	0.50	1.00	ug/L	10/21/25 10:33	VX102125
95-50-1	1,2-Dichlorobenzene	18.6		1	0.16	0.50	1.00	ug/L	10/21/25 10:33	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	0.53	0.75	1.00	ug/L	10/21/25 10:33	VX102125
120-82-1	1,2,4-Trichlorobenzene	16.8		1	0.20	0.50	1.00	ug/L	10/21/25 10:33	VX102125
87-61-6	1,2,3-Trichlorobenzene	17.3		1	0.20	0.75	1.00	ug/L	10/21/25 10:33	VX102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	46.5			81 - 118		93%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.0			80 - 119		96%	SPK: 50		
2037-26-5	Toluene-d8	47.9			89 - 112		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			85 - 114		95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	138000								
540-36-3	1,4-Difluorobenzene	224000								
3114-55-4	Chlorobenzene-d5	203000								
3855-82-1	1,4-Dichlorobenzene-d4	101000								

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_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	137604	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	224103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	203364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	89758	46.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.040%			
35) Dibromofluoromethane	5.367	113	73394	47.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.628	98	256689	47.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.061	95	96462	47.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	25428	17.976	ug/l	97
3) Chloromethane	1.300	50	22848	17.304	ug/l	97
4) Vinyl Chloride	1.379	62	20627	16.870	ug/l	94
5) Bromomethane	1.623	94	15738	18.966	ug/l	96
6) Chloroethane	1.696	64	13651	19.000	ug/l	92
7) Trichlorofluoromethane	1.898	101	42048	17.931	ug/l	97
8) Diethyl Ether	2.135	74	12151	18.416	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	26272	17.693	ug/l	94
10) Methyl Iodide	2.452	142	33915	18.168	ug/l	99
11) Tert butyl alcohol	2.934	59	14617	76.307	ug/l	96
12) 1,1-Dichloroethene	2.324	96	25810	17.866	ug/l	96
13) Acrolein	2.233	56	19717	100.924	ug/l	99
14) Allyl chloride	2.666	41	43150	17.990	ug/l	97
15) Acrylonitrile	3.050	53	60796	88.017	ug/l	99
16) Acetone	2.373	43	53983	81.562	ug/l	98
17) Carbon Disulfide	2.513	76	76828	16.874	ug/l	100
18) Methyl Acetate	2.696	43	23399	16.928	ug/l	91
19) Methyl tert-butyl Ether	3.105	73	88912	18.041	ug/l	98
20) Methylene Chloride	2.788	84	29832	18.498	ug/l	89
21) trans-1,2-Dichloroethene	3.086	96	29850	18.810	ug/l	87
22) Diisopropyl ether	3.745	45	93736	19.594	ug/l	88
23) Vinyl Acetate	3.708	43	360854	94.430	ug/l	96
24) 1,1-Dichloroethane	3.605	63	54330	18.782	ug/l	97
25) 2-Butanone	4.537	43	71780	85.682	ug/l	94
26) 2,2-Dichloropropane	4.464	77	46208	17.698	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	35291	19.056	ug/l	98
28) Bromochloromethane	4.879	49	25497	21.258	ug/l	85
29) Tetrahydrofuran	4.982	42	43202	86.106	ug/l	93
30) Chloroform	5.074	83	58812	19.030	ug/l	100
31) Cyclohexane	5.452	56	44037	18.388	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	52248	18.344	ug/l	97
36) 1,1-Dichloropropene	5.671	75	38187	17.561	ug/l	99
37) Ethyl Acetate	4.696	43	32528	18.047	ug/l	99
38) Carbon Tetrachloride	5.659	117	46209	17.224	ug/l	99
39) Methylcyclohexane	7.360	83	46866	18.249	ug/l	95
40) Benzene	6.025	78	118391	18.752	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	16538	17.472	ug/l		97
42) 1,2-Dichloroethane	6.068	62	43164	18.528	ug/l		100
43) Isopropyl Acetate	6.318	43	52017	17.569	ug/l		96
44) Trichloroethene	7.110	130	30449	18.265	ug/l		98
45) 1,2-Dichloropropane	7.409	63	29710	19.793	ug/l		99
46) Dibromomethane	7.561	93	21708	18.563	ug/l		94
47) Bromodichloromethane	7.805	83	47421	18.781	ug/l		95
48) Methyl methacrylate	7.677	41	26520	17.751	ug/l		95
49) 1,4-Dioxane	7.640	88	6381	323.294	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.555	43	151895	88.982	ug/l		96
52) Toluene	8.701	92	75829	18.906	ug/l		100
53) t-1,3-Dichloropropene	8.963	75	45008	18.497	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	48675	18.541	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	28743	19.271	ug/l		97
56) Ethyl methacrylate	9.098	69	39428	18.073	ug/l		94
57) 1,3-Dichloropropane	9.293	76	48237	18.933	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	97758	84.467	ug/l		97
59) 2-Hexanone	9.415	43	104512	87.804	ug/l		98
60) Dibromochloromethane	9.500	129	36743	18.328	ug/l		100
61) 1,2-Dibromoethane	9.591	107	29504	18.555	ug/l		99
64) Tetrachloroethene	9.256	164	26555	17.492	ug/l		97
65) Chlorobenzene	10.061	112	86348	18.875	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30678	18.258	ug/l		99
67) Ethyl Benzene	10.177	91	142694	18.320	ug/l		97
68) m/p-Xylenes	10.286	106	108512	37.497	ug/l		100
69) o-Xylene	10.622	106	51598	18.468	ug/l		98
70) Styrene	10.640	104	91270	19.185	ug/l		98
71) Bromoform	10.780	173	23785	17.711	ug/l	#	100
73) Isopropylbenzene	10.945	105	136638	18.464	ug/l		100
74) N-amyl acetate	10.829	43	45310	17.261	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	37185	18.401	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	32912m	20.032	ug/l		
77) Bromobenzene	11.183	156	34541	18.615	ug/l		94
78) n-propylbenzene	11.286	91	160675	18.753	ug/l		98
79) 2-Chlorotoluene	11.347	91	97491	18.767	ug/l		98
80) 1,3,5-Trimethylbenzene	11.432	105	114521	18.700	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11571	17.134	ug/l		99
82) 4-Chlorotoluene	11.439	91	115393	18.713	ug/l		97
83) tert-Butylbenzene	11.695	119	117357	18.651	ug/l		95
84) 1,2,4-Trimethylbenzene	11.731	105	114561	18.745	ug/l		99
85) sec-Butylbenzene	11.871	105	139017	18.364	ug/l		100
86) p-Isopropyltoluene	11.993	119	118663	18.135	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	63730	18.219	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65963	18.203	ug/l		99
89) n-Butylbenzene	12.316	91	106210	17.834	ug/l		98
90) Hexachloroethane	12.518	117	22528	17.435	ug/l		96
91) 1,2-Dichlorobenzene	12.316	146	61124	18.612	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6932	16.899	ug/l		97
93) 1,2,4-Trichlorobenzene	13.566	180	37218	16.758	ug/l		98
94) Hexachlorobutadiene	13.706	225	14700	17.706	ug/l		98
95) Naphthalene	13.755	128	100059	17.005	ug/l		99
96) 1,2,3-Trichlorobenzene	13.944	180	35212	17.277	ug/l		97

Sample Results: **VX048256.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

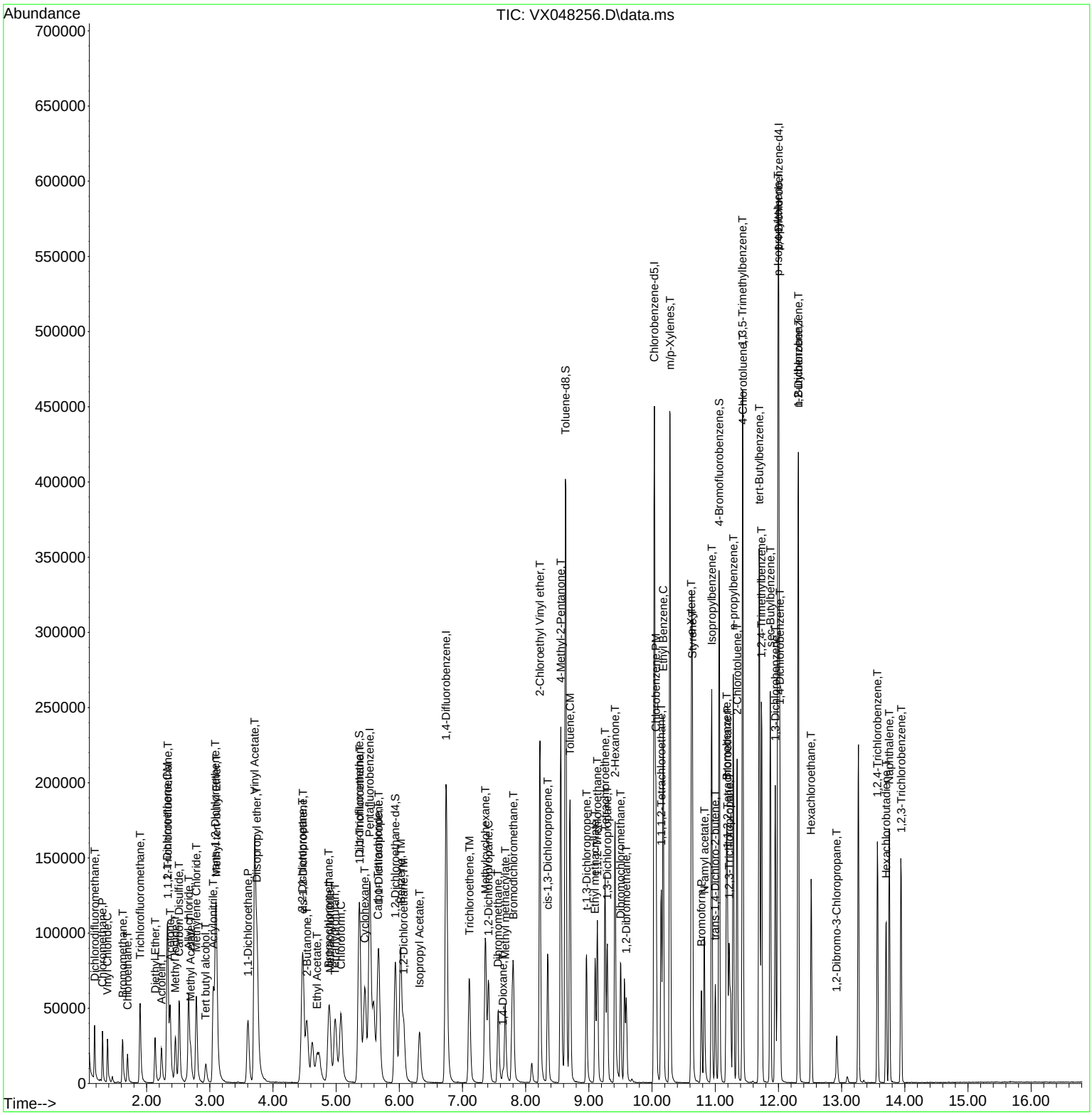
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

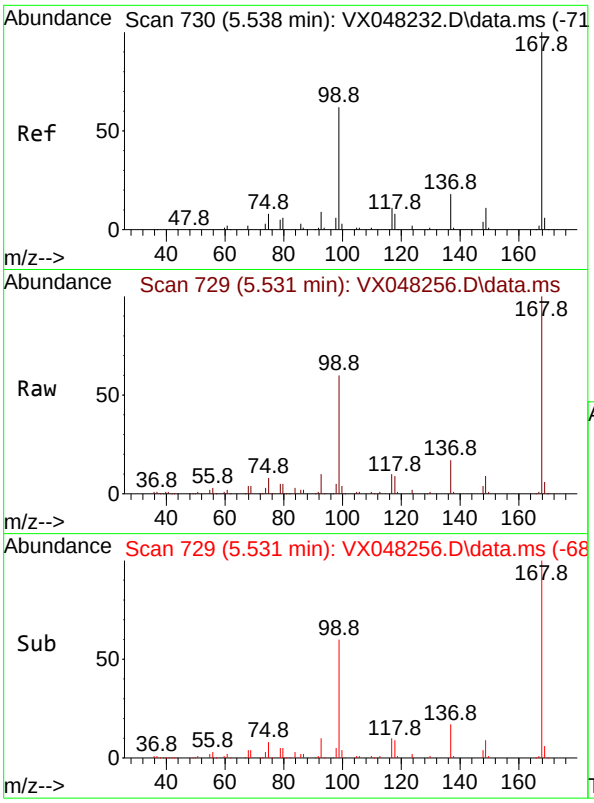
Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

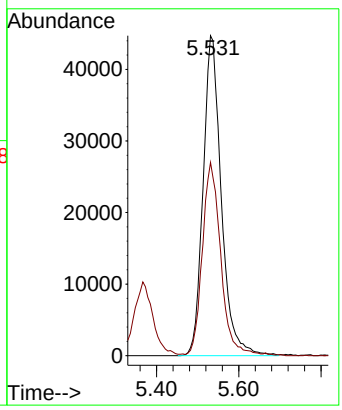




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:168 Resp: 13760

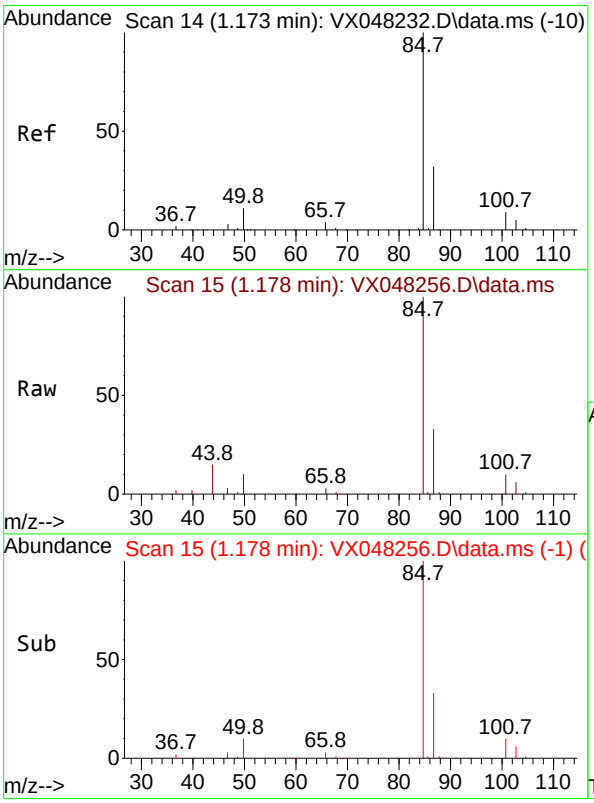
Ion	Ratio	Lower	Upper
168	100		
99	60.1	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

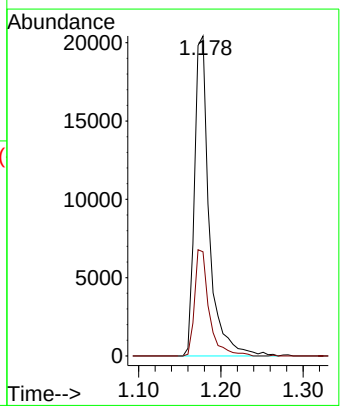
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

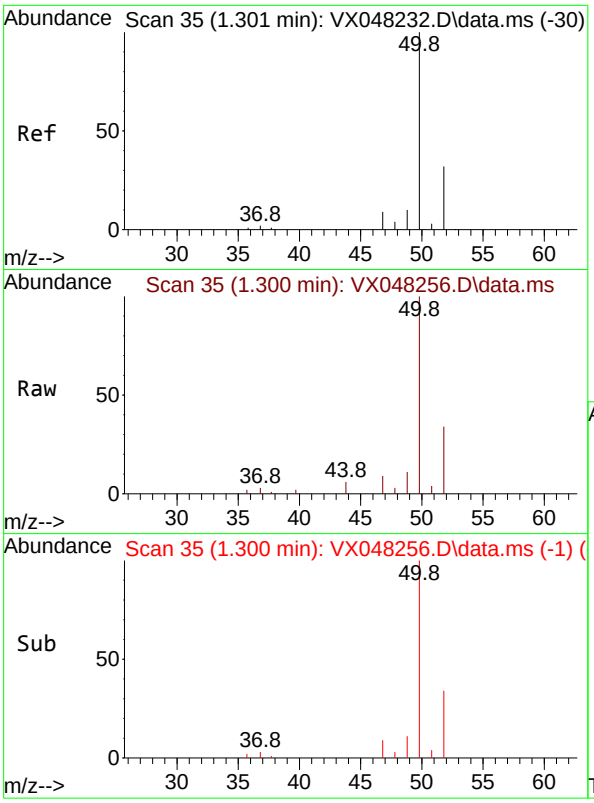


#2
Dichlorodifluoromethane
Concen: 17.976 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 85 Resp: 25428

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.3	45.9

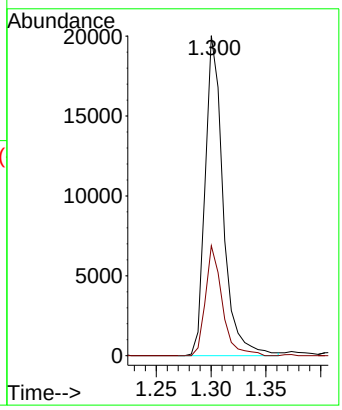




#3
Chloromethane
Concen: 17.304 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 50 Resp: 2284

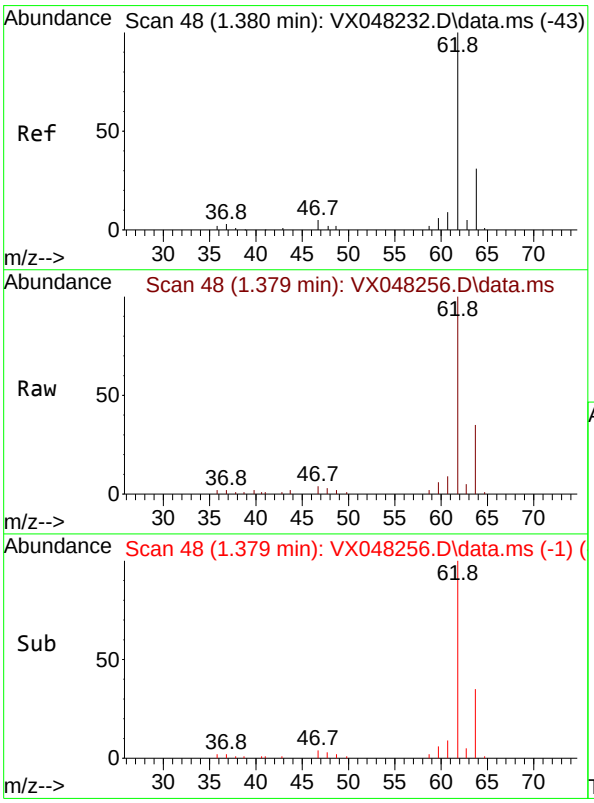
Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

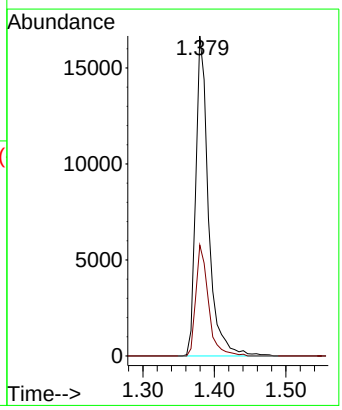
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

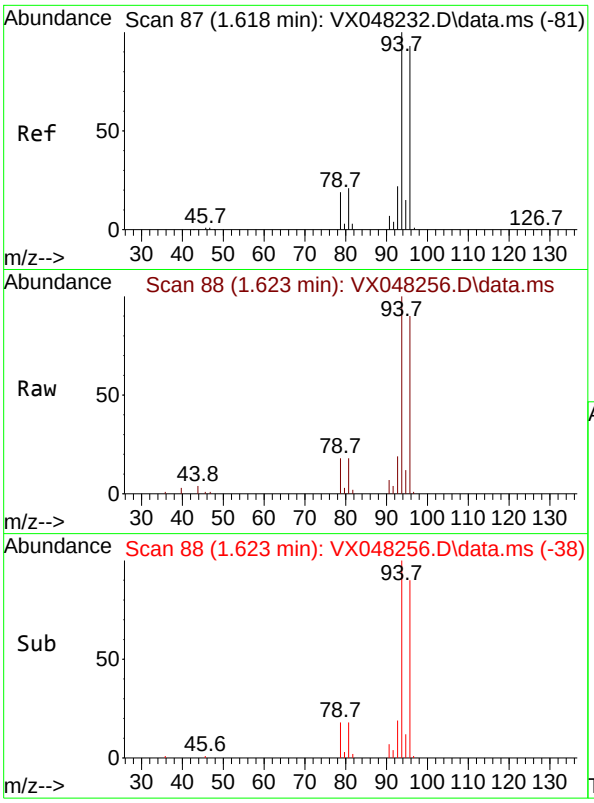


#4
Vinyl Chloride
Concen: 16.870 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 62 Resp: 20627

Ion	Ratio	Lower	Upper
62	100		
64	34.7	25.1	37.7





#5
Bromomethane
Concen: 18.966 ug/l
RT: 1.623 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

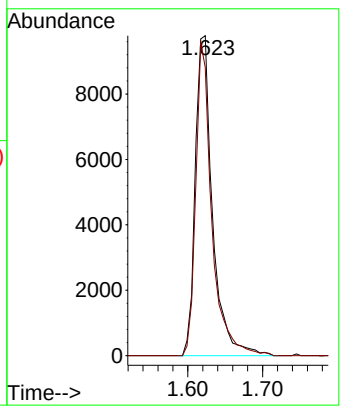
Tgt Ion: 94 Resp: 1573

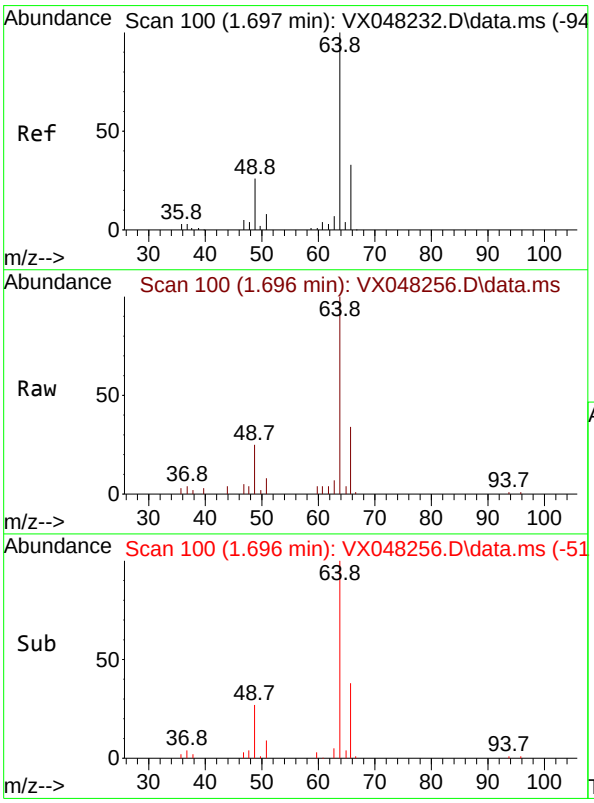
Ion	Ratio	Lower	Upper
94	100		
96	91.5	76.0	114.0

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

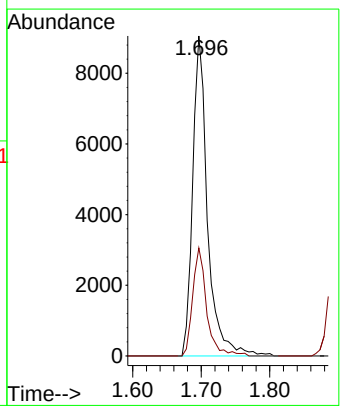


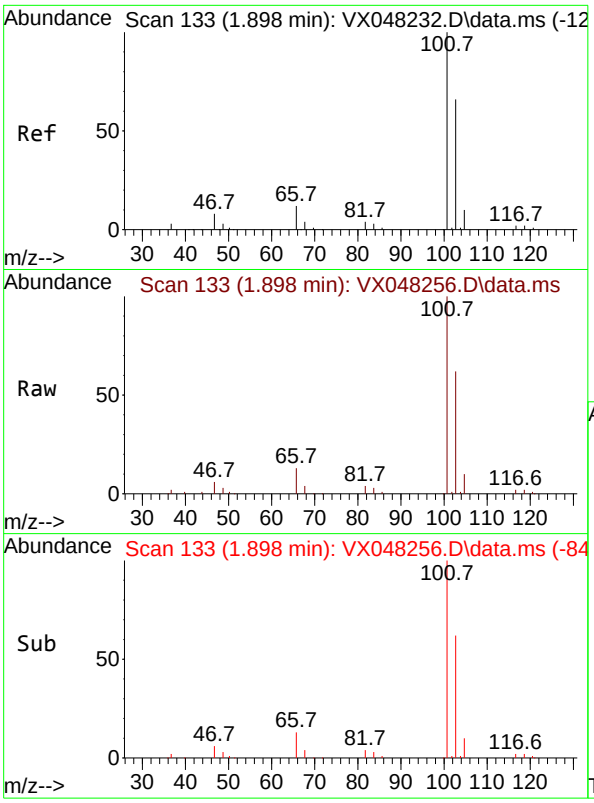


#6
Chloroethane
Concen: 19.000 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 64 Resp: 13651

Ion	Ratio	Lower	Upper
64	100		
66	34.4	23.9	35.9





#7
Trichlorofluoromethane
Concen: 17.931 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

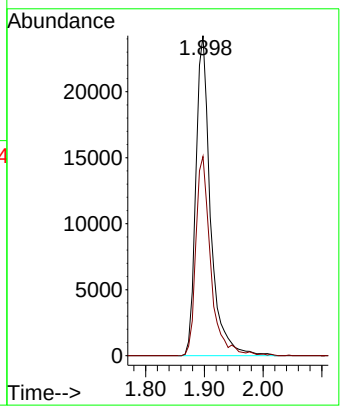
Tgt Ion:101 Resp: 4204

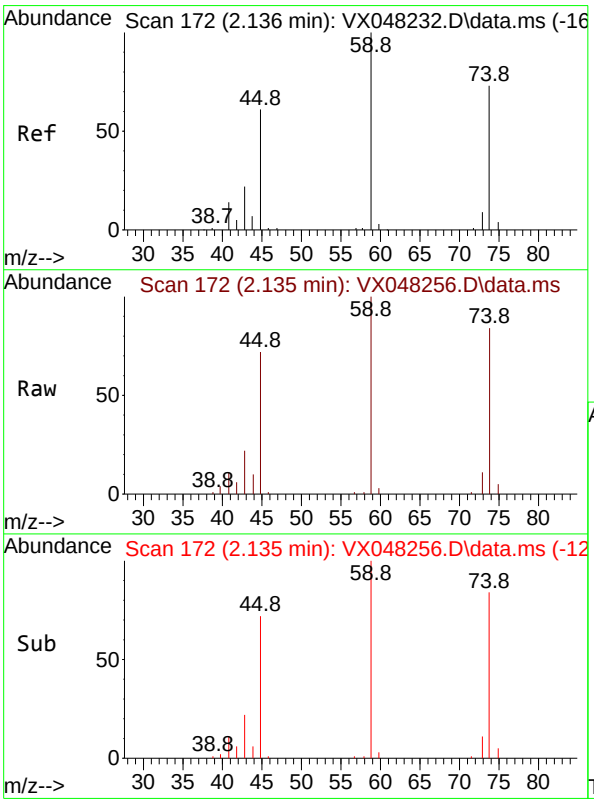
Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

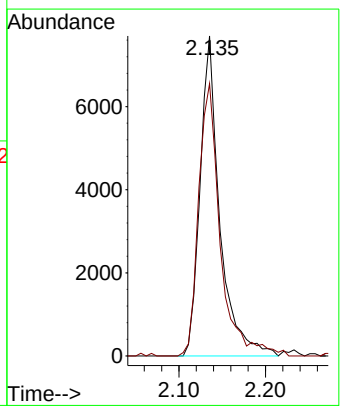


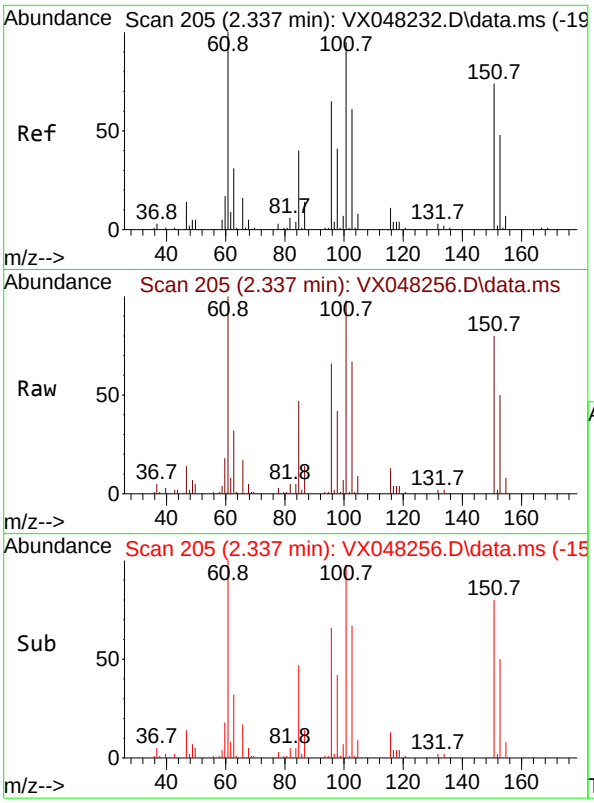


#8
Diethyl Ether
Concen: 18.416 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 74 Resp: 12151

Ion	Ratio	Lower	Upper
74	100		
45	93.4	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.693 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

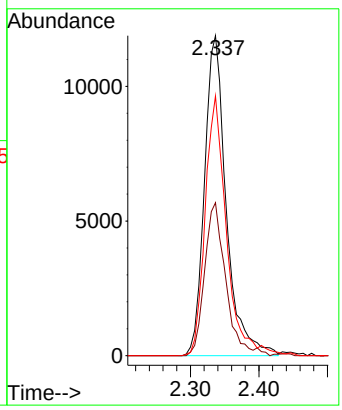
Tgt Ion:101 Resp: 2627

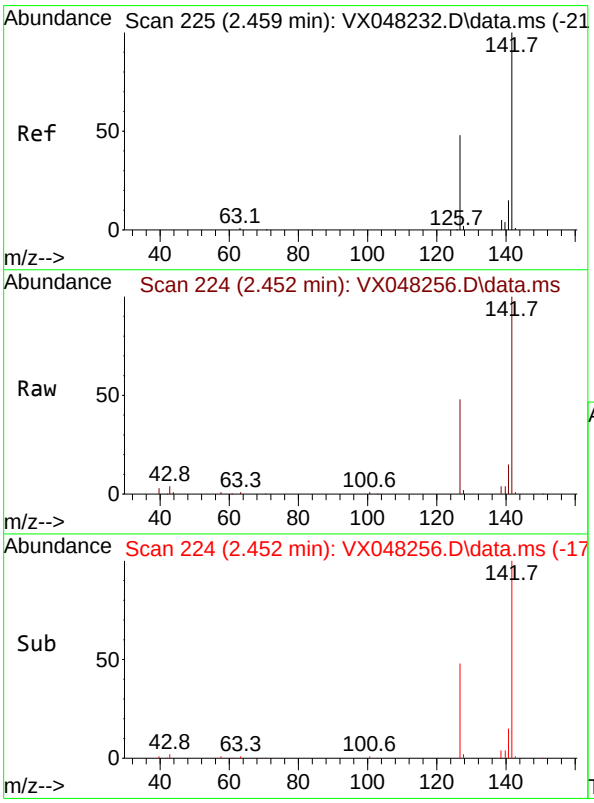
Ion	Ratio	Lower	Upper
101	100		
85	46.4	35.6	53.4
151	79.7	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

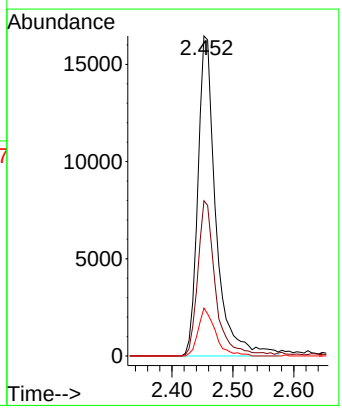


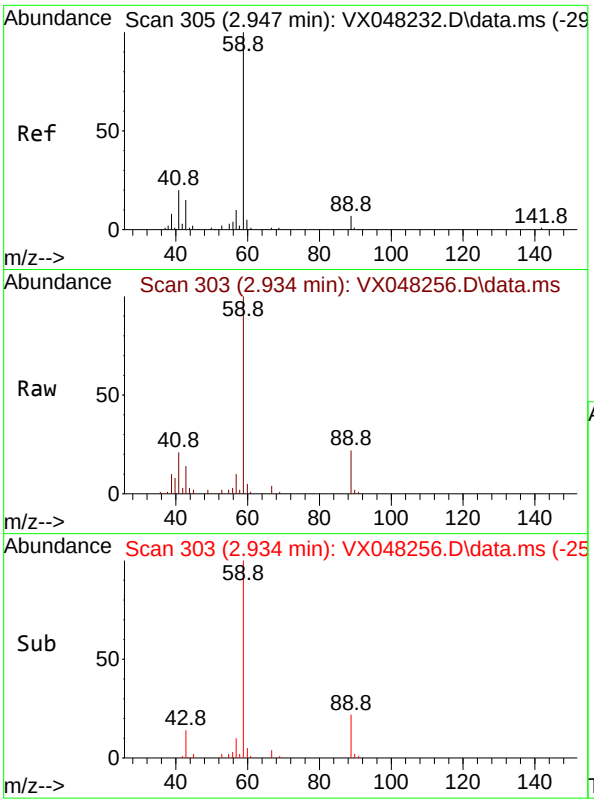


#10
Methyl Iodide
Concen: 18.168 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:142 Resp: 33915

Ion	Ratio	Lower	Upper
142	100		
127	47.7	38.5	57.7
141	14.2	11.6	17.4

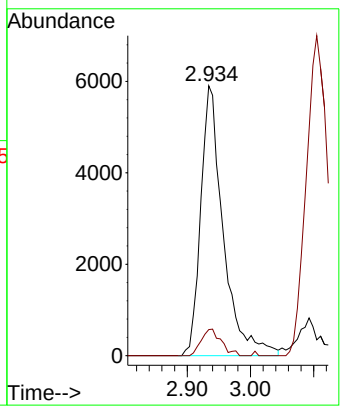




#11
Tert butyl alcohol
Concen: 76.307 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 59 Resp: 1461

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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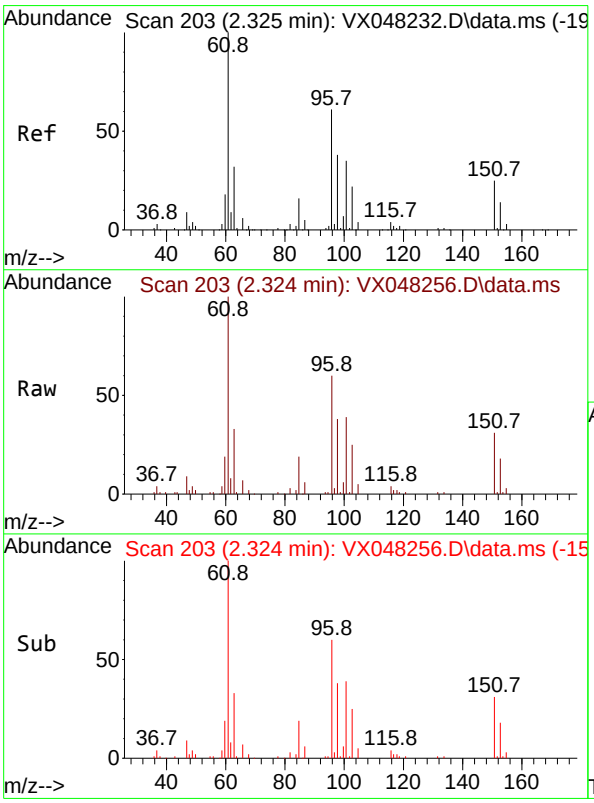
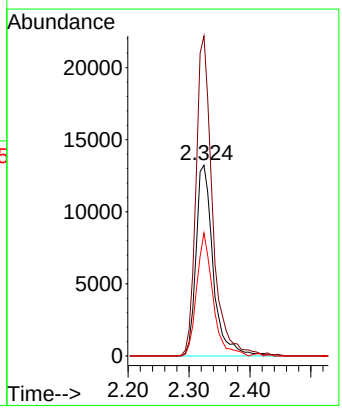
Supervised By :Mahesh Dadoda 10/24/2025

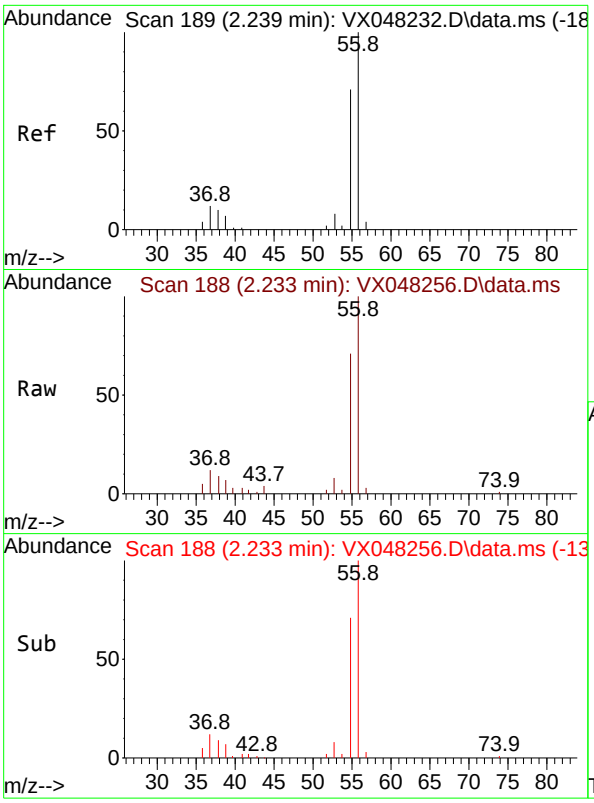


#12
1,1-Dichloroethene
Concen: 17.866 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 96 Resp: 25810

Ion	Ratio	Lower	Upper
96	100		
61	167.8	139.0	208.6
98	64.4	52.4	78.6

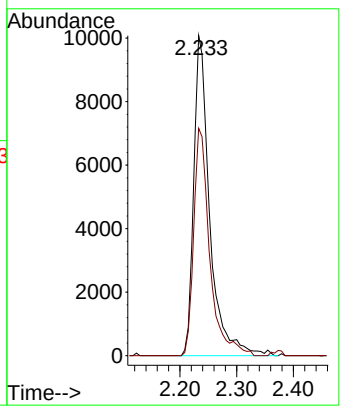




#13
Acrolein
Concen: 100.924 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 56 Resp: 1971

Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.1	84.1



Instrument :
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ClientSampleId :
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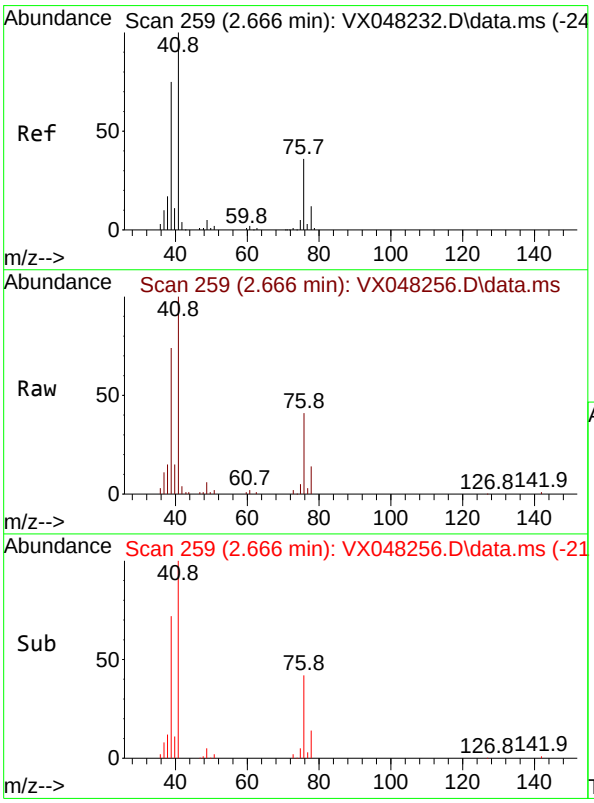
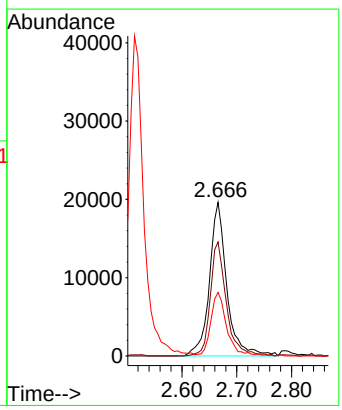
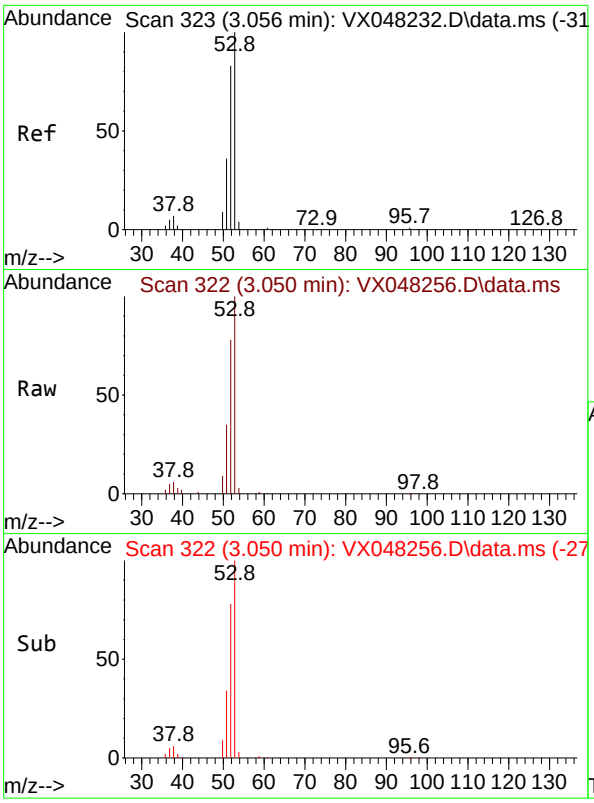


#14
Allyl chloride
Concen: 17.990 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 41 Resp: 43150

Ion	Ratio	Lower	Upper
41	100		
39	68.5	56.0	84.0
76	38.0	27.5	41.3





#15
Acrylonitrile
Concen: 88.017 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 53 Resp: 6079

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.1	99.1
51	36.9	29.0	43.4

Instrument :
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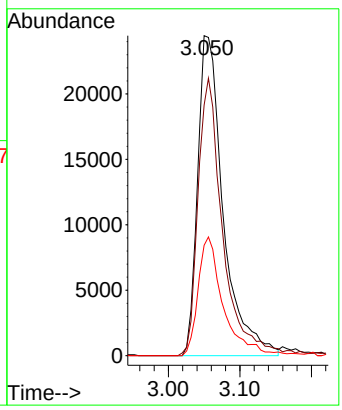
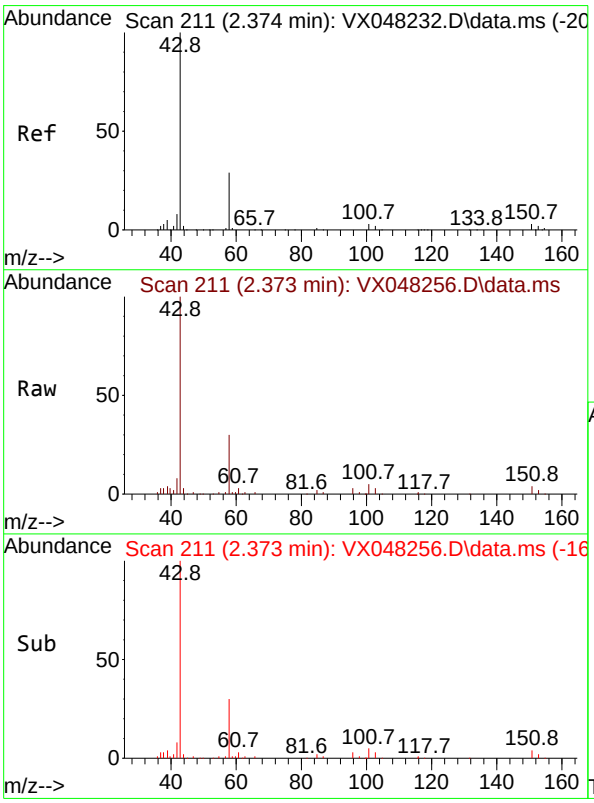
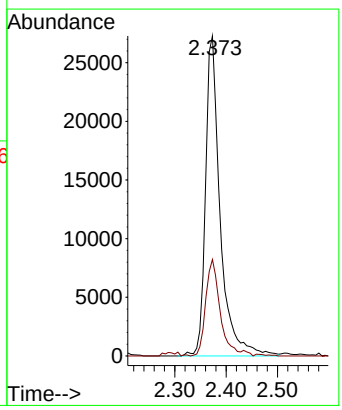


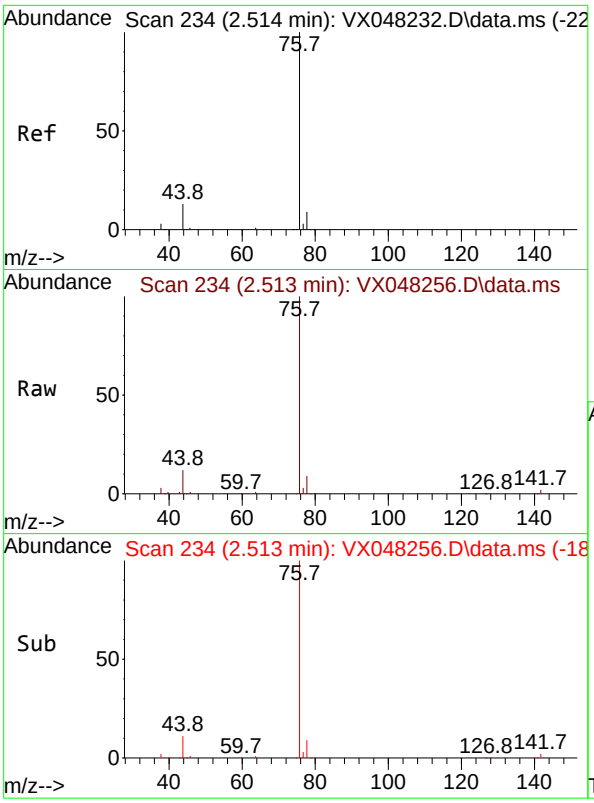


#16
Acetone
Concen: 81.562 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 53983

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.4	35.2





#17
Carbon Disulfide
Concen: 16.874 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 76 Resp: 7682

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
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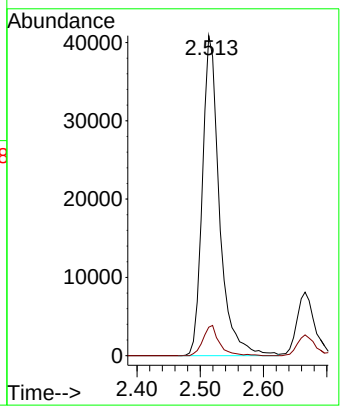
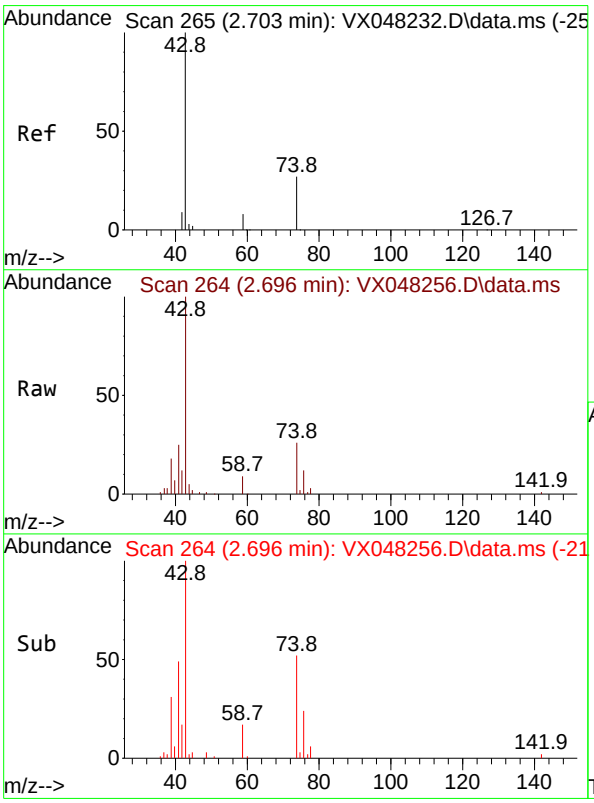
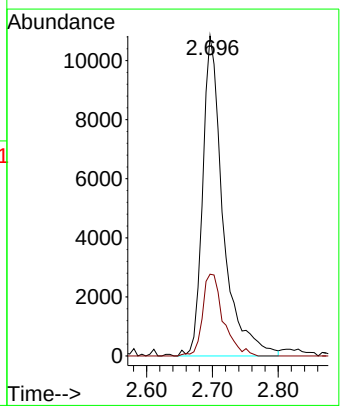


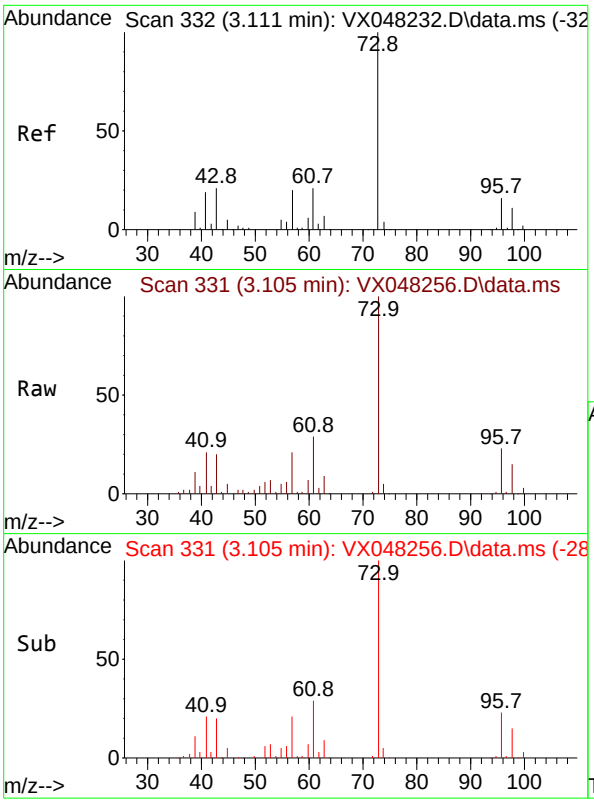


#18
Methyl Acetate
Concen: 16.928 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 23399

Ion	Ratio	Lower	Upper
43	100		
74	26.0	17.5	26.3

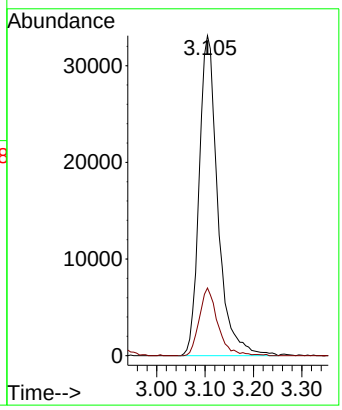




#19
Methyl tert-butyl Ether
Concen: 18.041 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 73 Resp: 8891

Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.7	26.5



Instrument :
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ClientSampleId :
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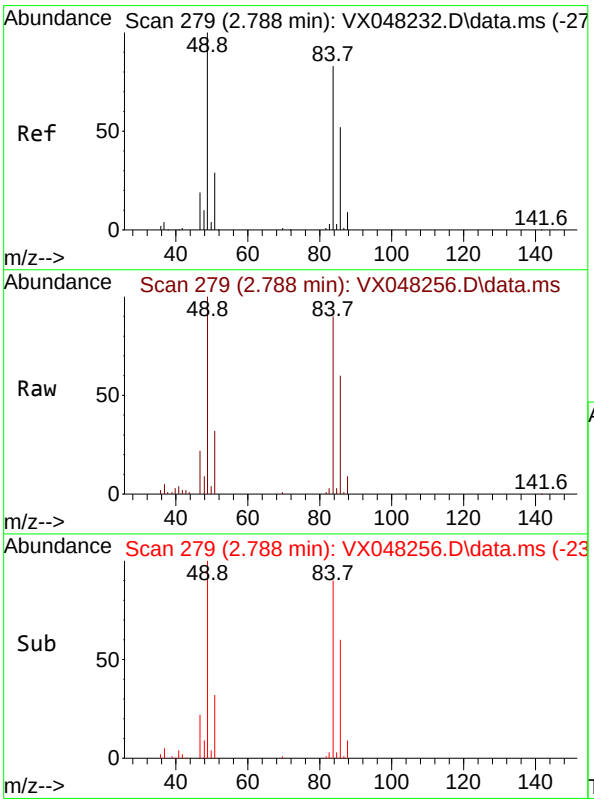
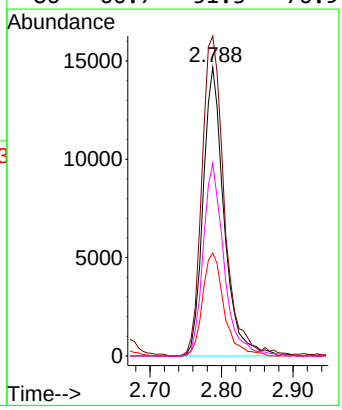
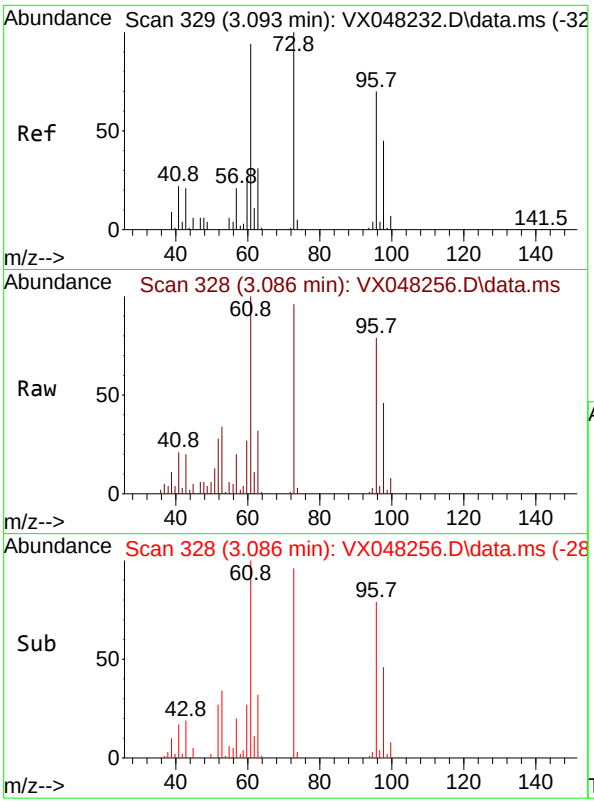


#20
Methylene Chloride
Concen: 18.498 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 84 Resp: 29832

Ion	Ratio	Lower	Upper
84	100		
49	110.8	104.1	156.1
51	35.6	31.3	46.9
86	66.7	51.3	76.9

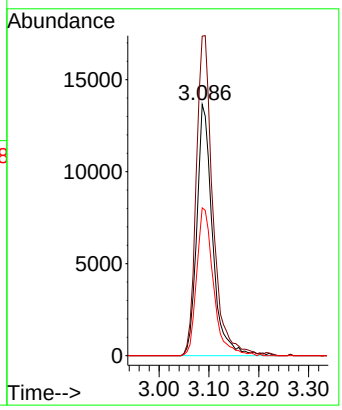




#21
trans-1,2-Dichloroethene
Concen: 18.810 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 96 Resp: 2985

Ion	Ratio	Lower	Upper
96	100		
61	121.5	111.9	167.9
98	56.2	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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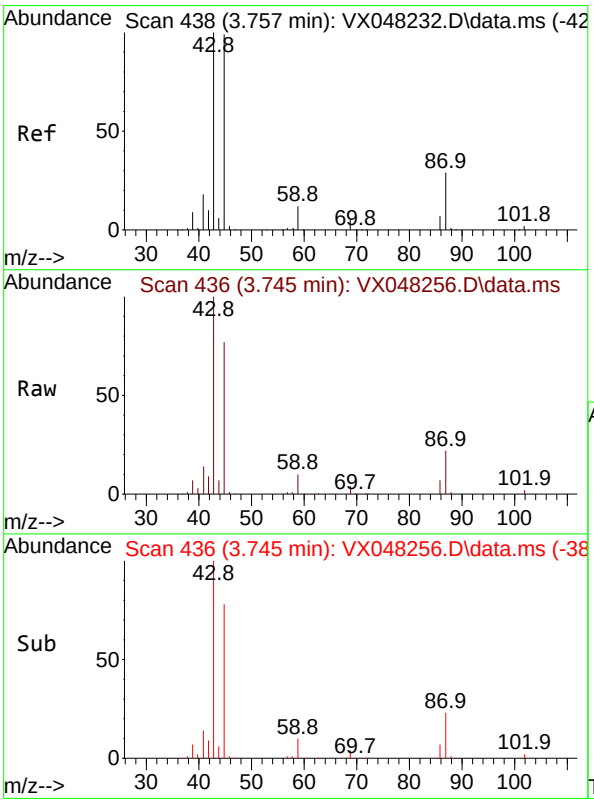
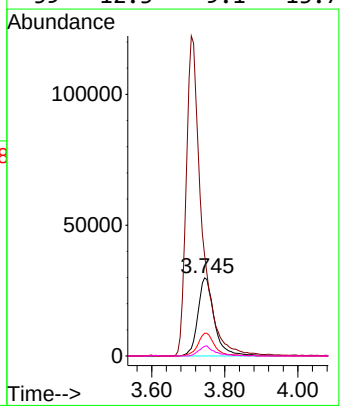
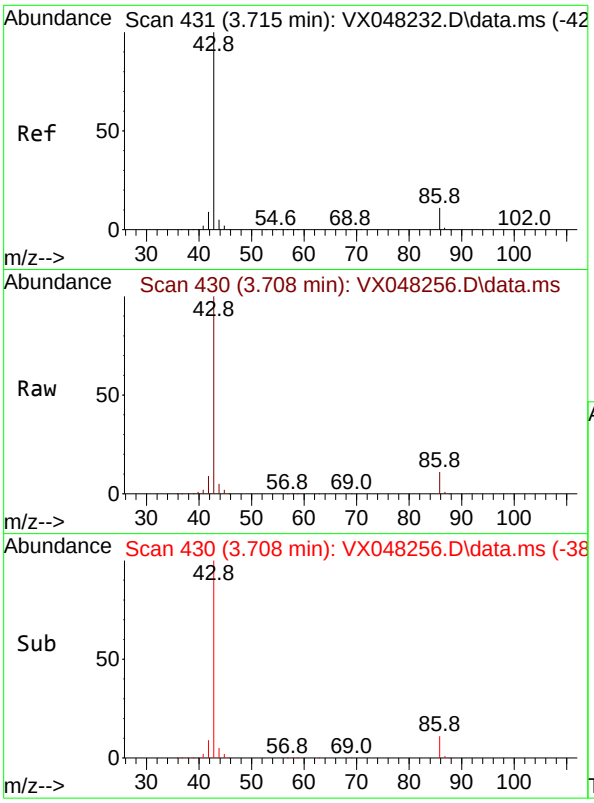


#22
Diisopropyl ether
Concen: 19.594 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 45 Resp: 93736

Ion	Ratio	Lower	Upper
45	100		
43	127.1	89.8	134.8
87	29.0	20.6	31.0
59	12.3	9.1	13.7





#23
Vinyl Acetate
Concen: 94.430 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 36085

Ion	Ratio	Lower	Upper
43	100		
86	11.2	7.9	11.9

Instrument :
MSVOA_X
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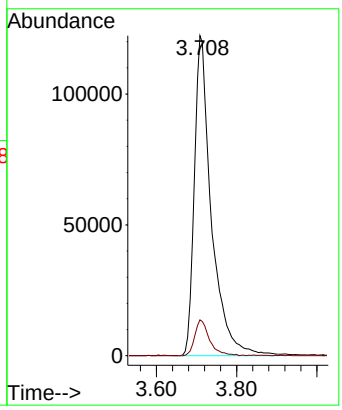
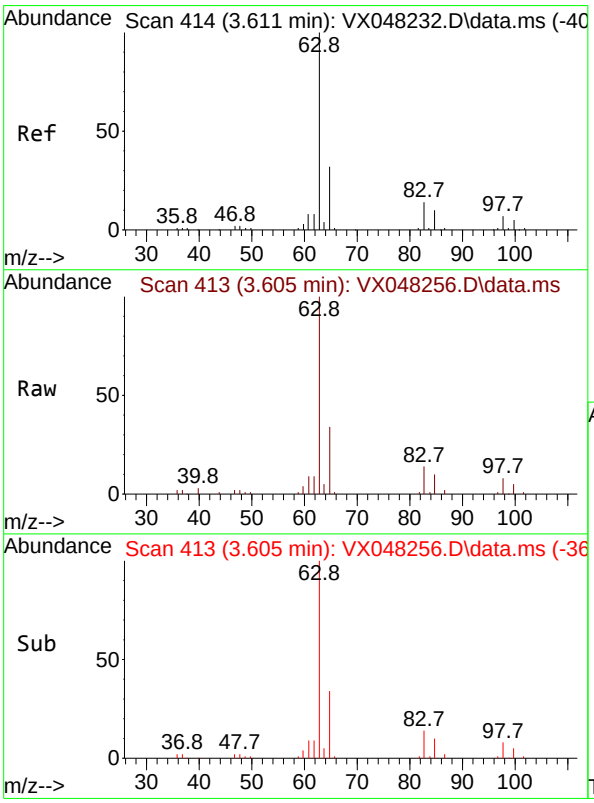
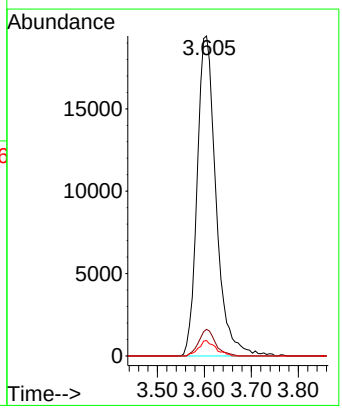


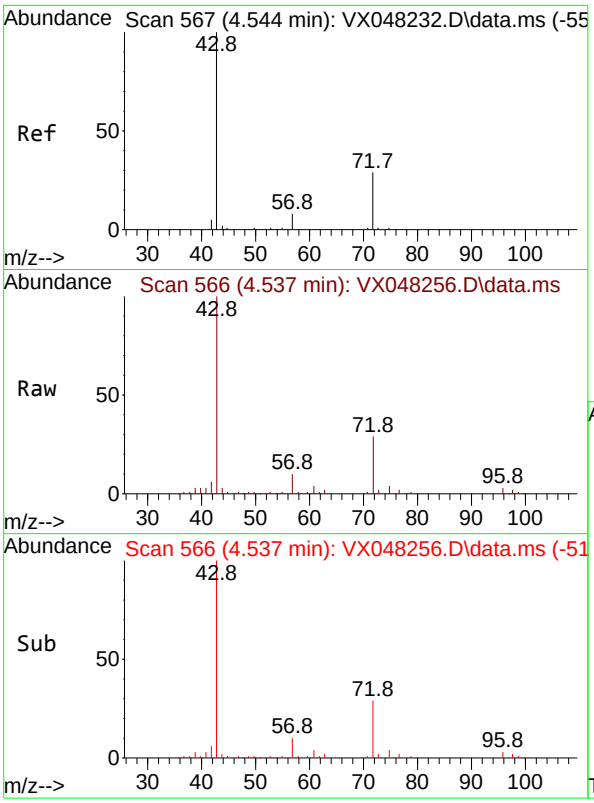


#24
1,1-Dichloroethane
Concen: 18.782 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 63 Resp: 54330

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.5	10.6
100	4.8	2.1	6.3

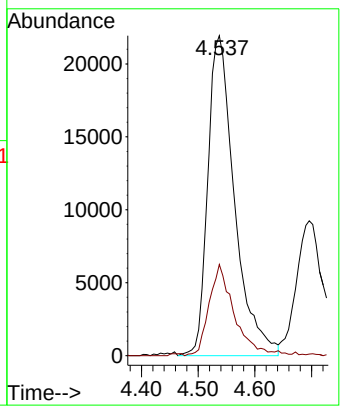




#25
2-Butanone
Concen: 85.682 ug/l
RT: 4.537 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 7178

Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.9	29.9



Instrument :
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ClientSampleId :
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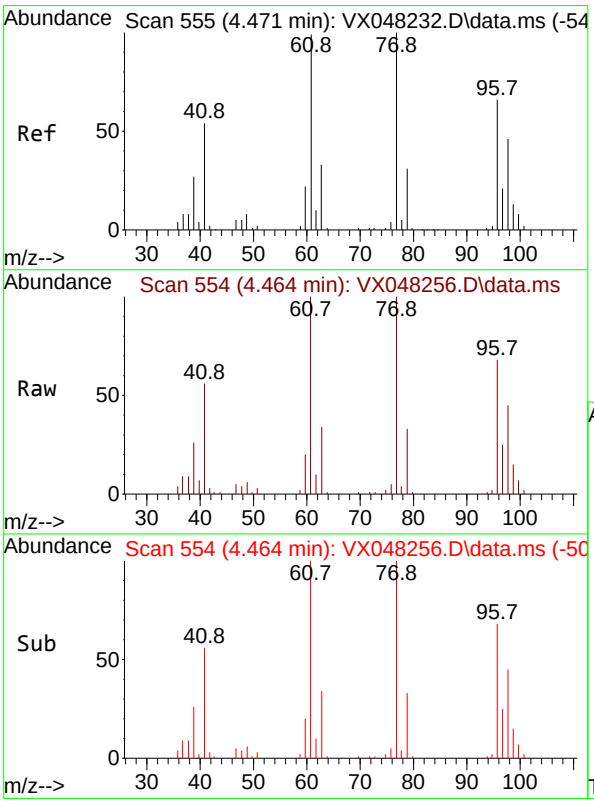
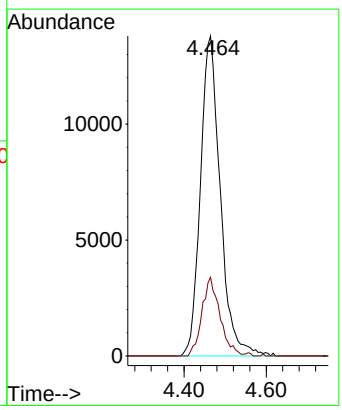
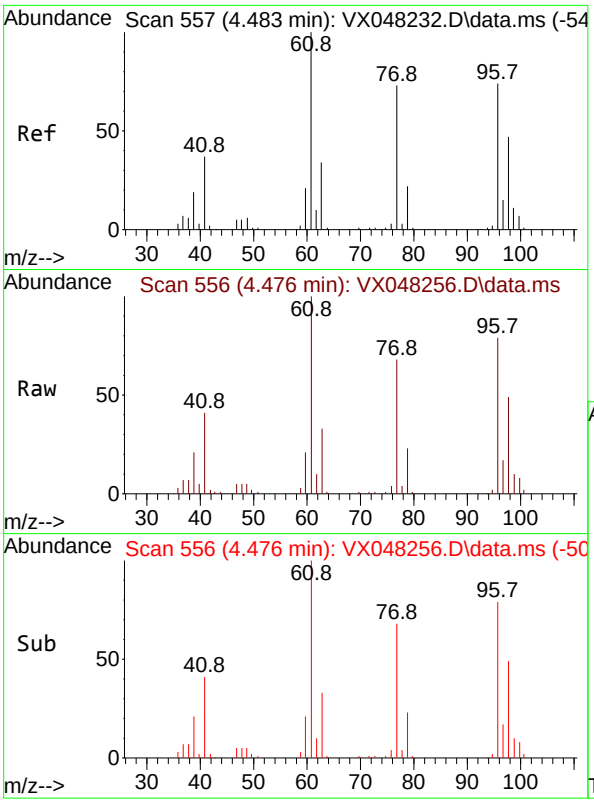


#26
2,2-Dichloropropane
Concen: 17.698 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 77 Resp: 46208

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.1	33.3





#27
cis-1,2-Dichloroethene
Concen: 19.056 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 96 Resp: 3529

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	294.2
98	64.4	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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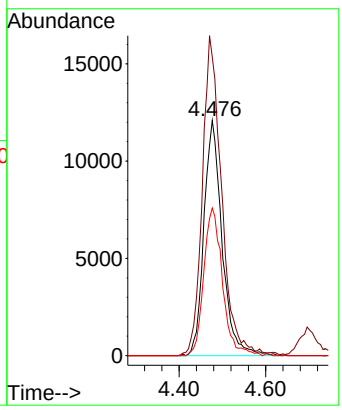
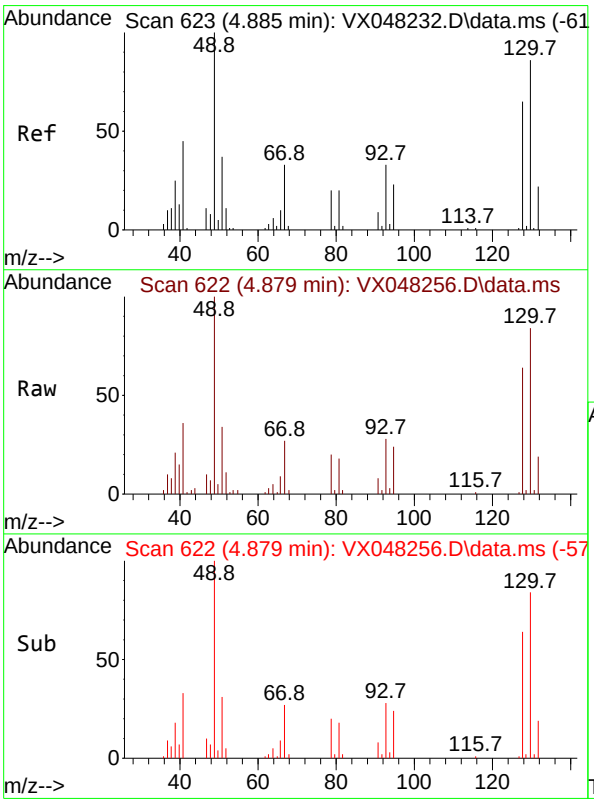
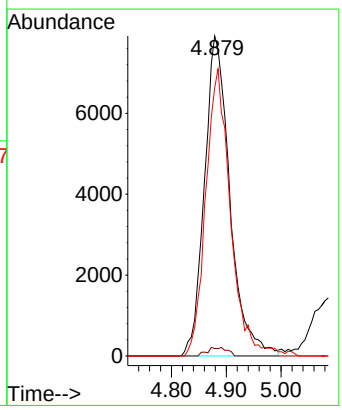


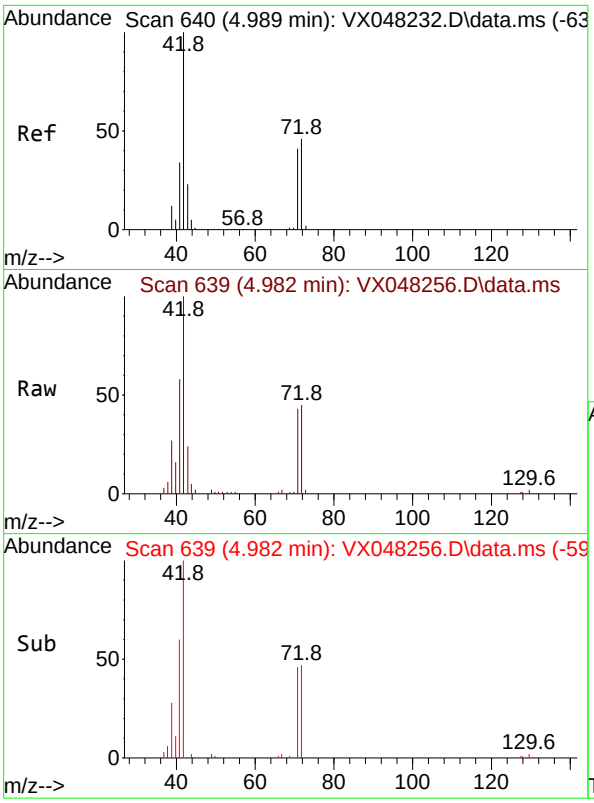


#28
Bromochloromethane
Concen: 21.258 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 49 Resp: 25497

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	86.8	59.3	88.9





#29
Tetrahydrofuran
Concen: 86.106 ug/l
RT: 4.982 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 42 Resp: 4320

Ion	Ratio	Lower	Upper
42	100		
72	48.4	35.3	52.9
71	45.3	32.2	48.4

Instrument :
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ClientSampleId :
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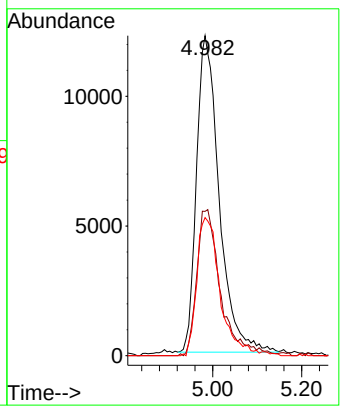
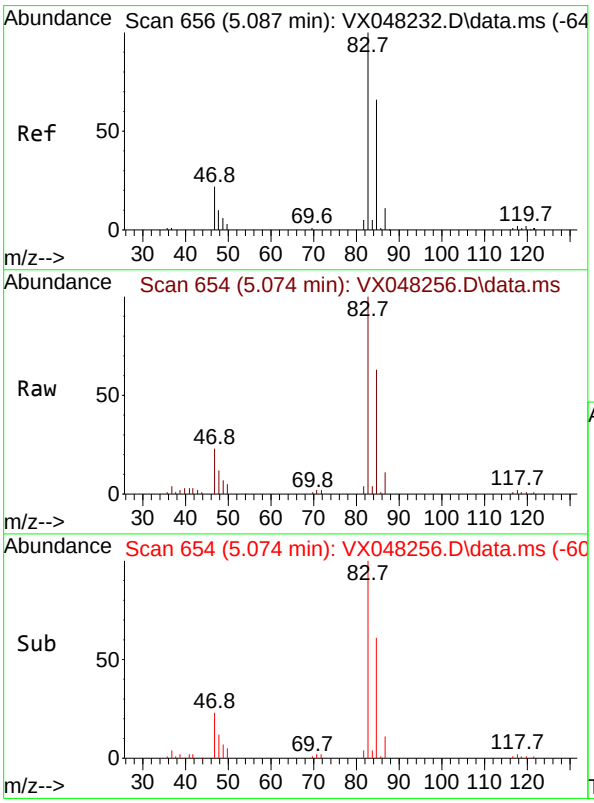
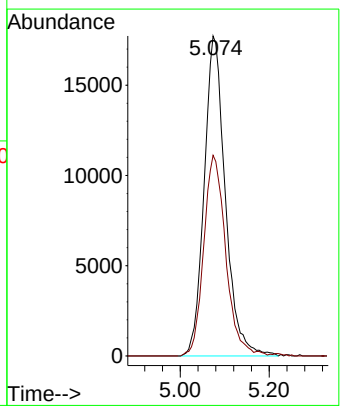


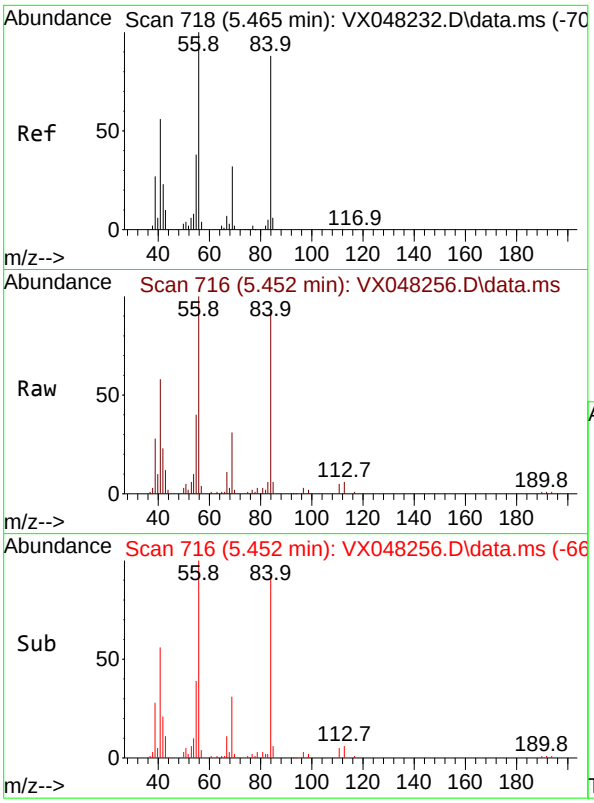


#30
Chloroform
Concen: 19.030 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 83 Resp: 58812

Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.1	75.1

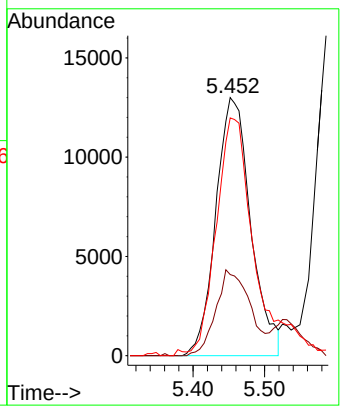




#31
Cyclohexane
Concen: 18.388 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 56 Resp: 4403

Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.0	34.6
84	89.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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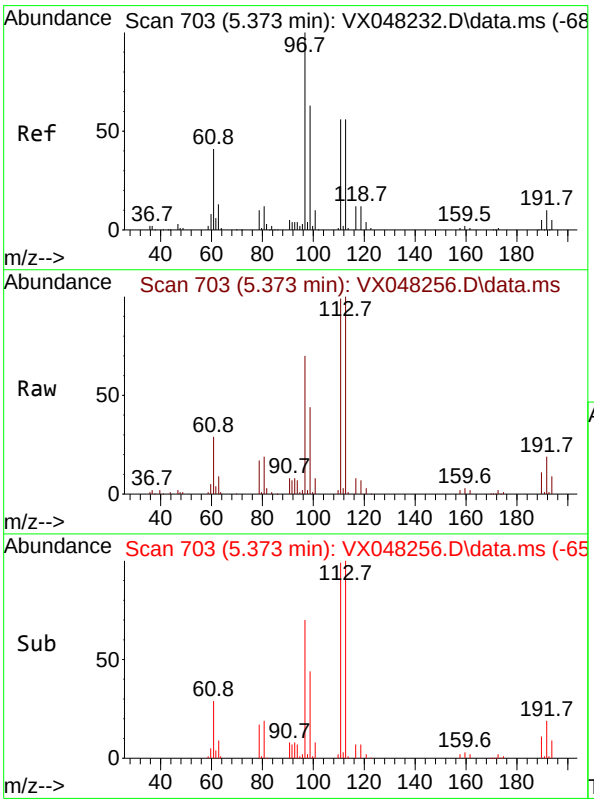
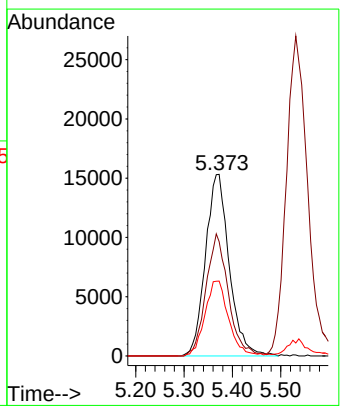
Supervised By :Mahesh Dadoda 10/24/2025

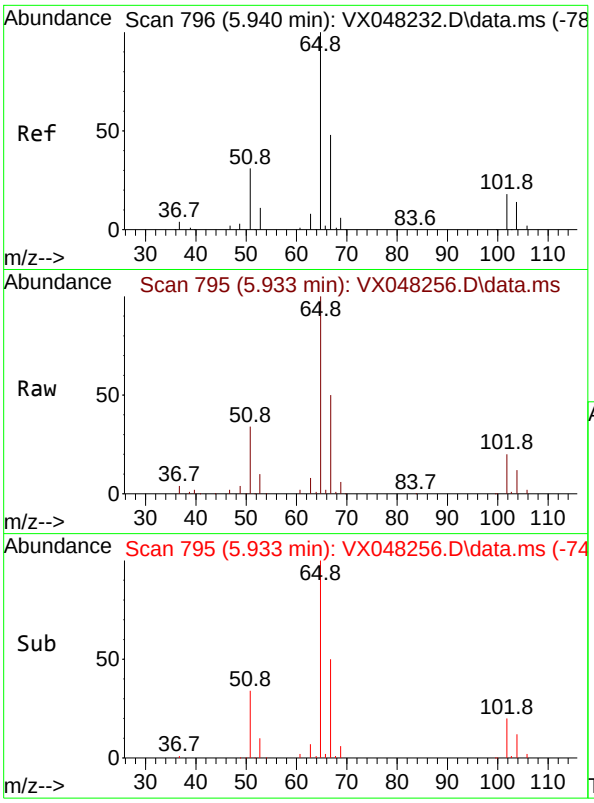


#32
1,1,1-Trichloroethane
Concen: 18.344 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 97 Resp: 52248

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	41.2	34.8	52.2

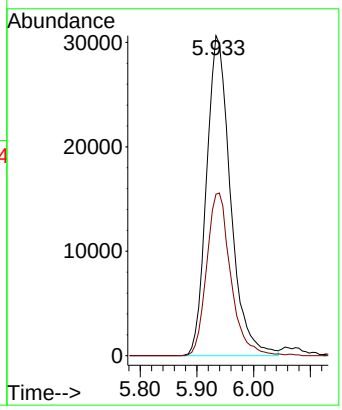




#33
1,2-Dichloroethane-d4
Concen: 46.523 ug/l
RT: 5.933 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 65 Resp: 8975

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0



Instrument :
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ClientSampleId :
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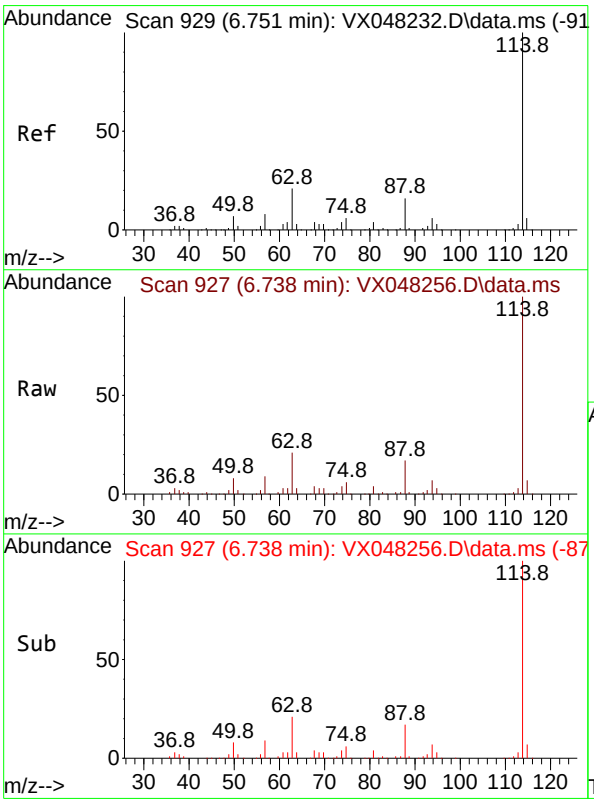
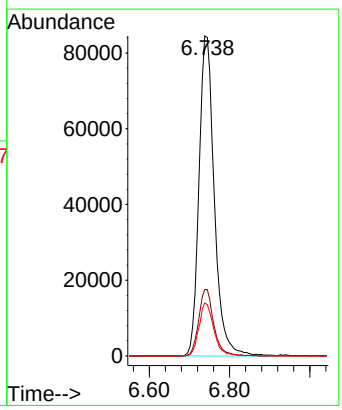
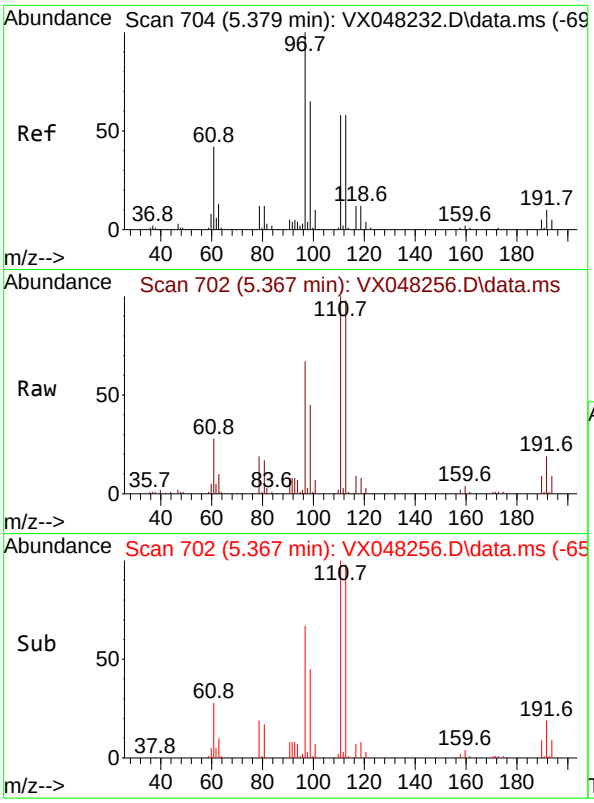


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:114 Resp: 224103

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	16.6	0.0	33.6

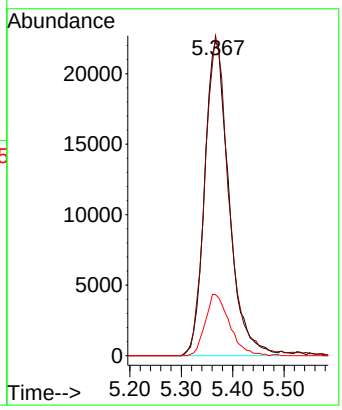




#35
Dibromofluoromethane
Concen: 47.972 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:113 Resp: 7339

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	19.4	15.1	22.7



Instrument :
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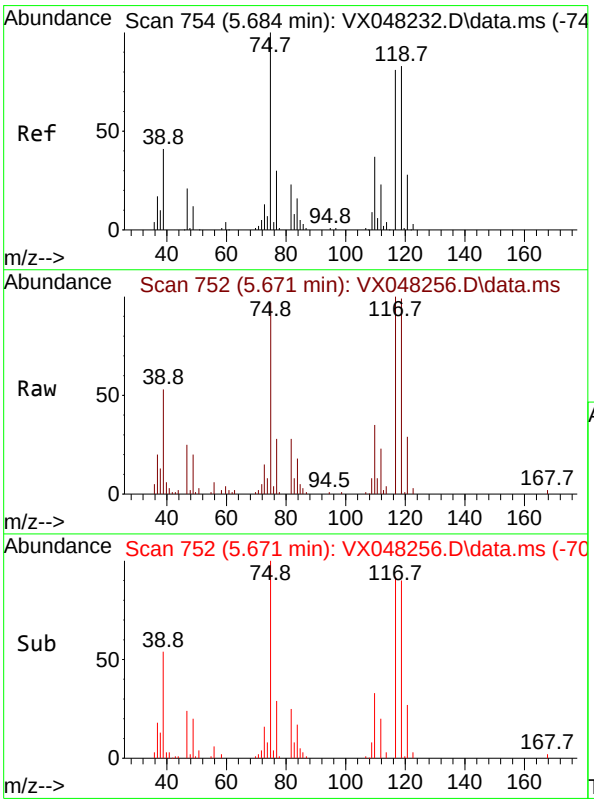
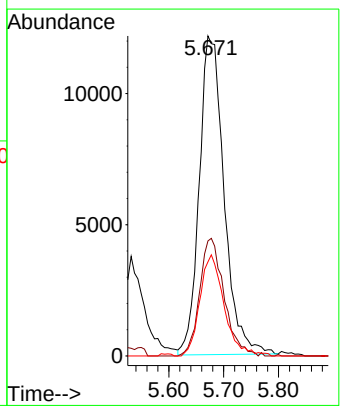
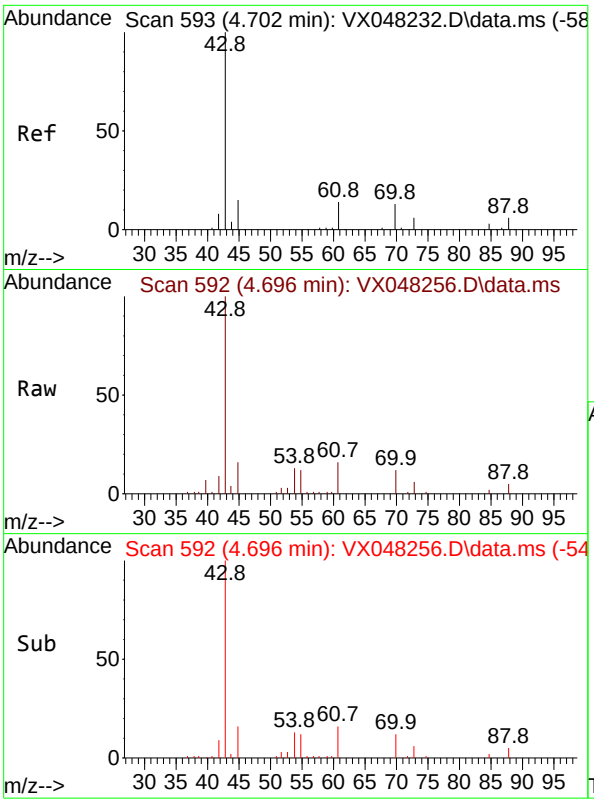


#36
1,1-Dichloropropene
Concen: 17.561 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.013 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 38187

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.7	53.1
77	31.0	24.3	36.5

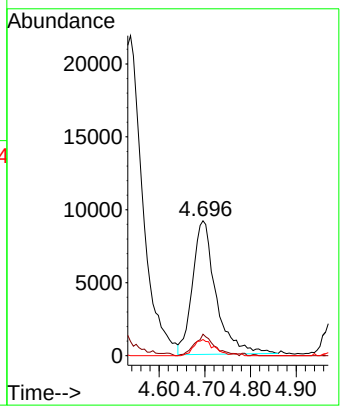




#37
Ethyl Acetate
Concen: 18.047 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 3252

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	15.8
70	10.4	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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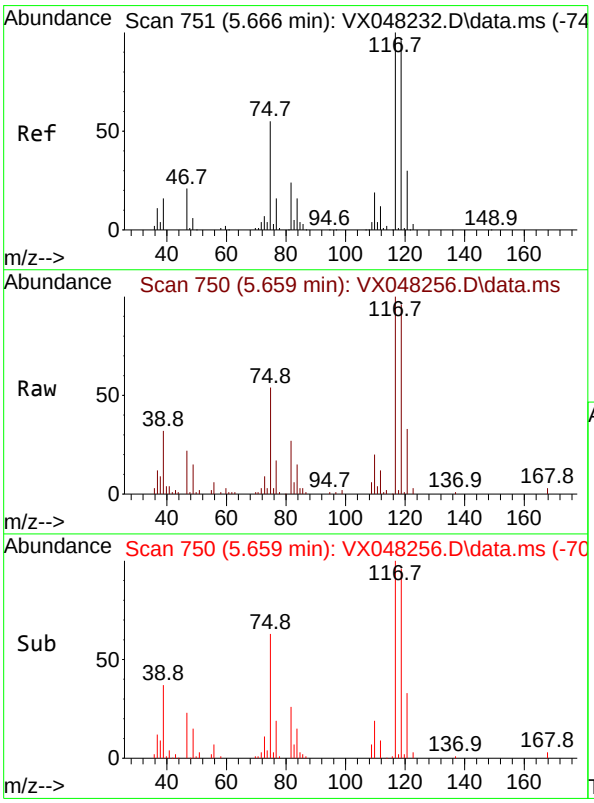
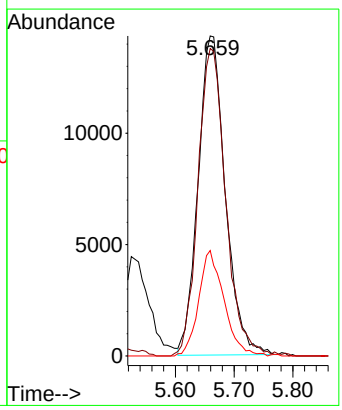
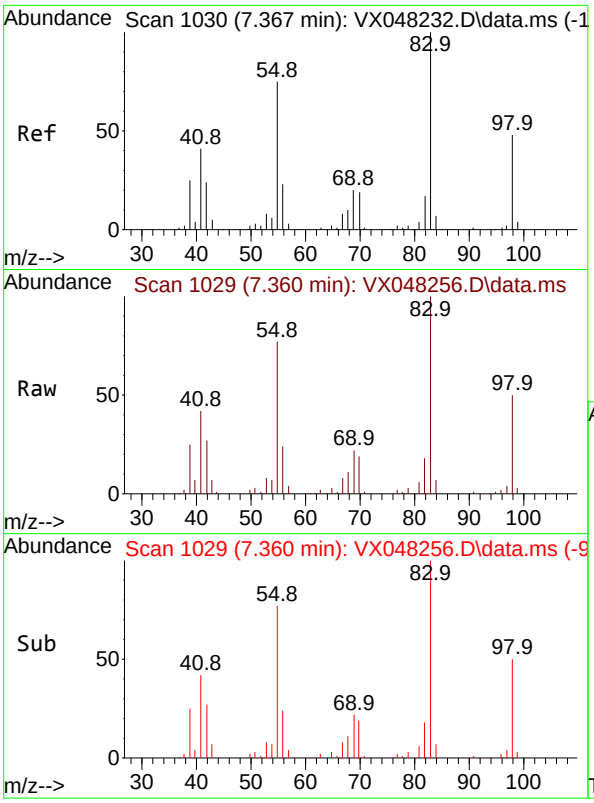


#38
Carbon Tetrachloride
Concen: 17.224 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:117 Resp: 46209

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8
121	32.7	24.8	37.2





#39
Methylcyclohexane
Concen: 18.249 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 83 Resp: 4686

Ion	Ratio	Lower	Upper
83	100		
55	76.6	66.2	99.2
98	50.5	38.9	58.3

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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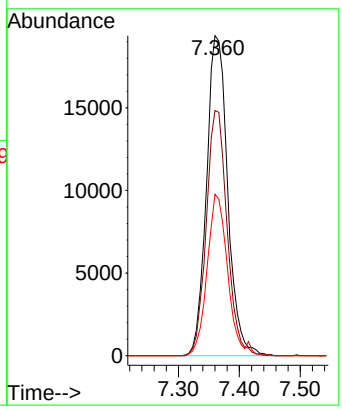
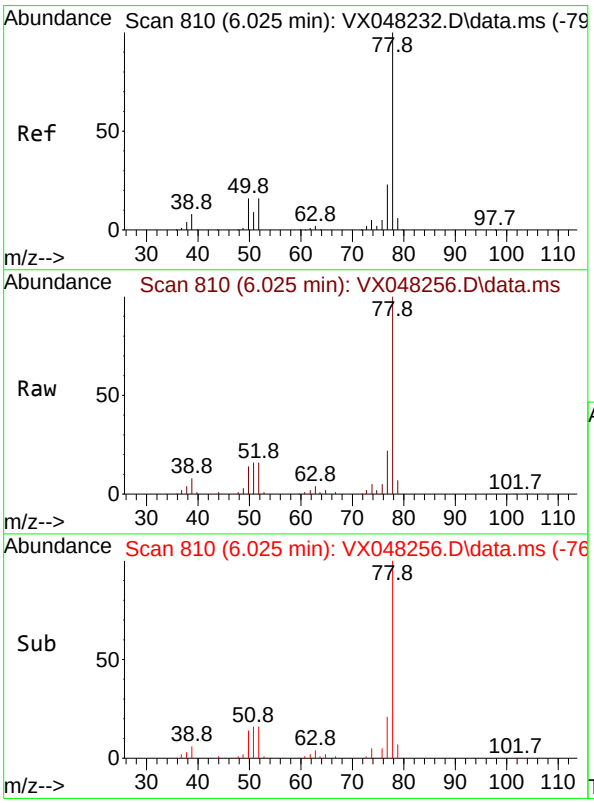
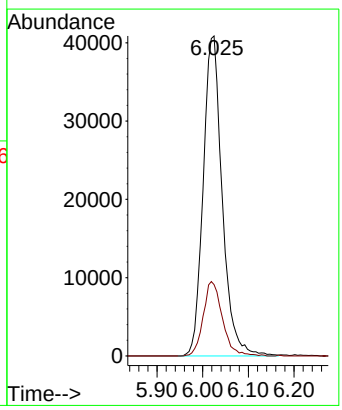


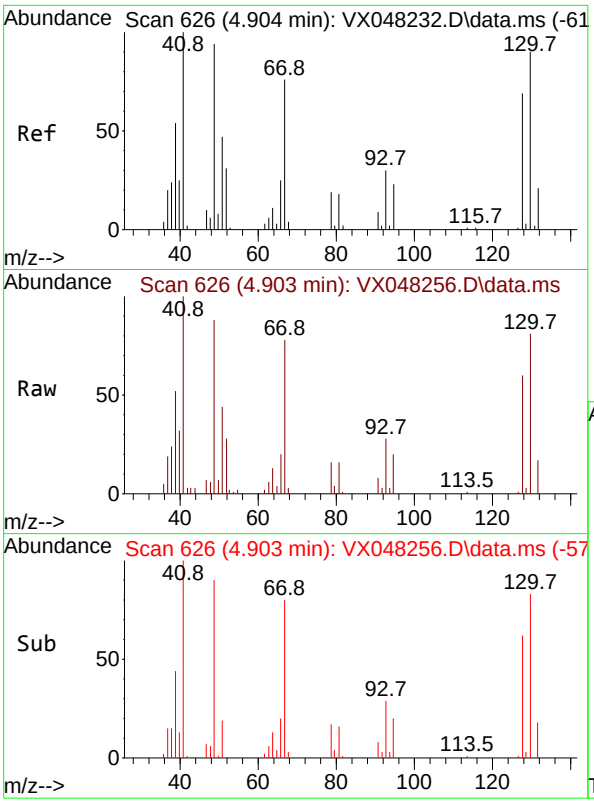


#40
Benzene
Concen: 18.752 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 78 Resp: 118391

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9

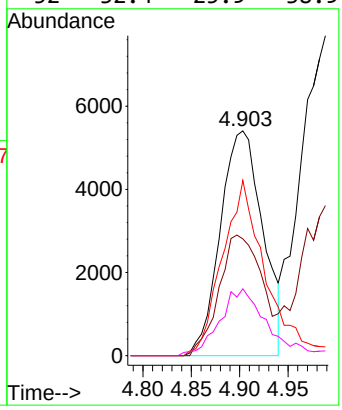




#41
Methacrylonitrile
Concen: 17.472 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 41 Resp: 1653

Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	78.9	58.7	88.1
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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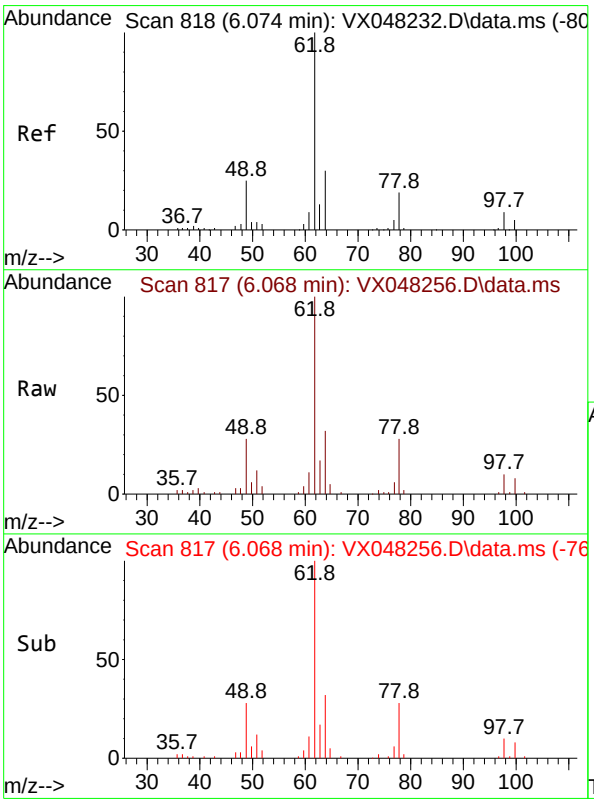
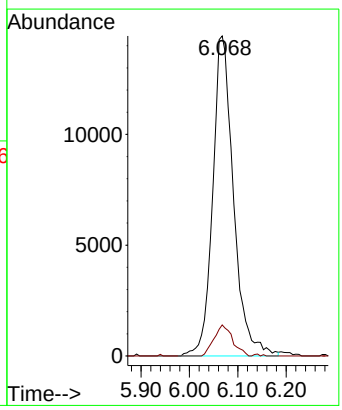
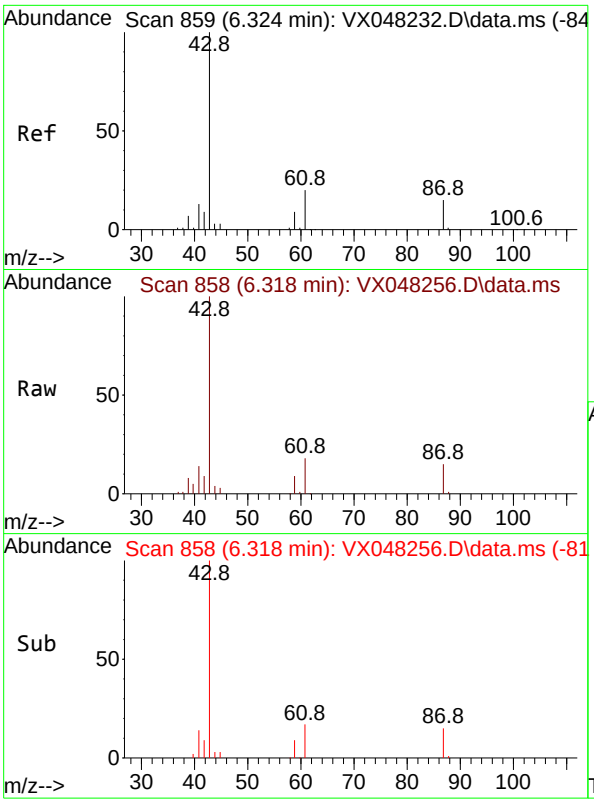


#42
1,2-Dichloroethane
Concen: 18.528 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 62 Resp: 43164

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43
Isopropyl Acetate
Concen: 17.569 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 5201

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.7	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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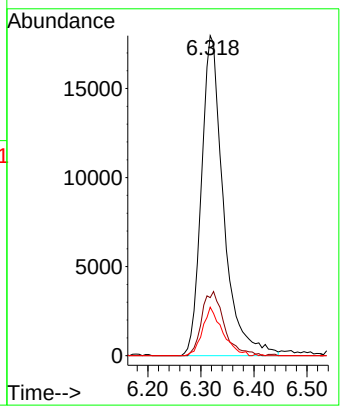
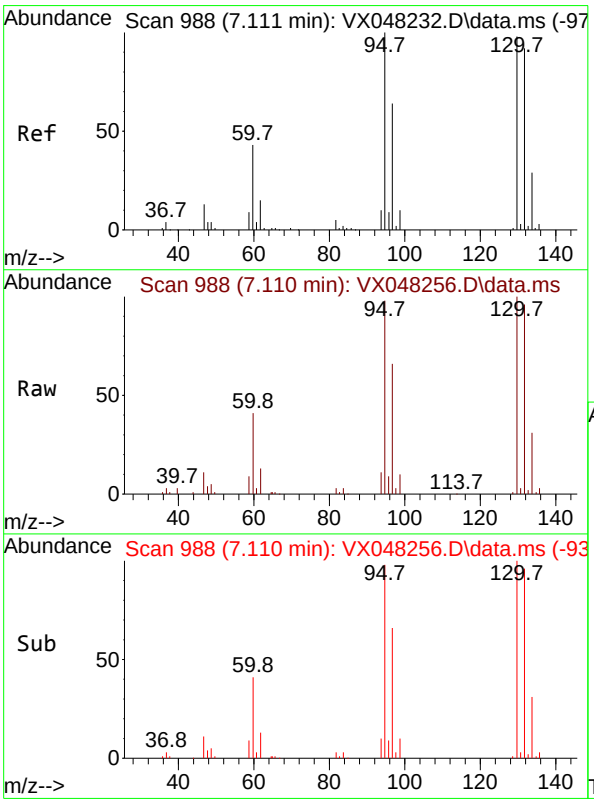
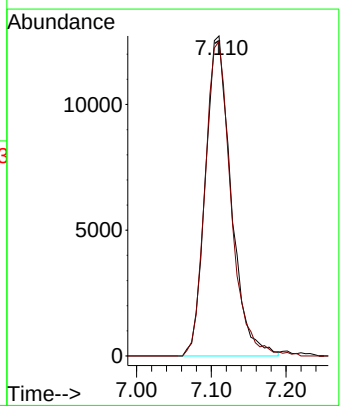


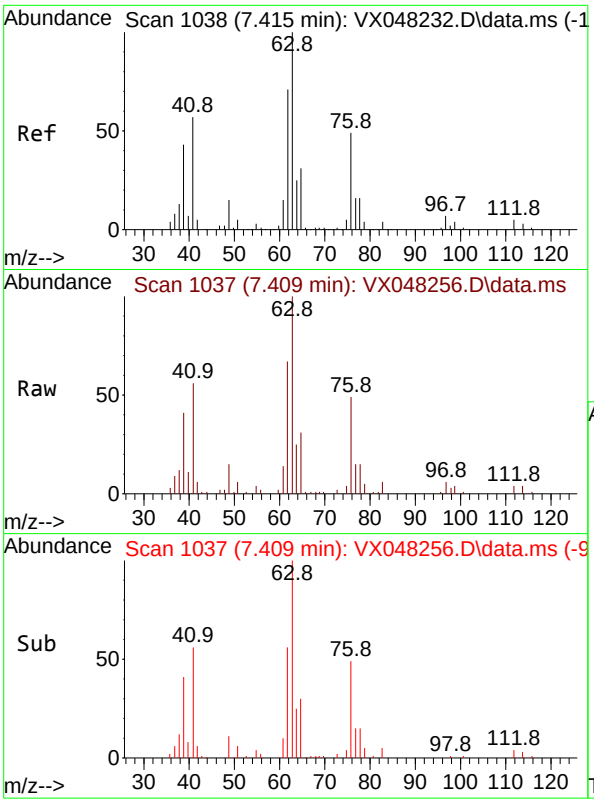


#44
Trichloroethene
Concen: 18.265 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:130 Resp: 30449

Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	200.6





#45
1,2-Dichloropropane
Concen: 19.793 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 63 Resp: 2971

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.1	36.1

Instrument :
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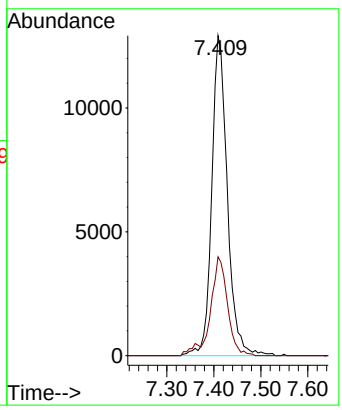
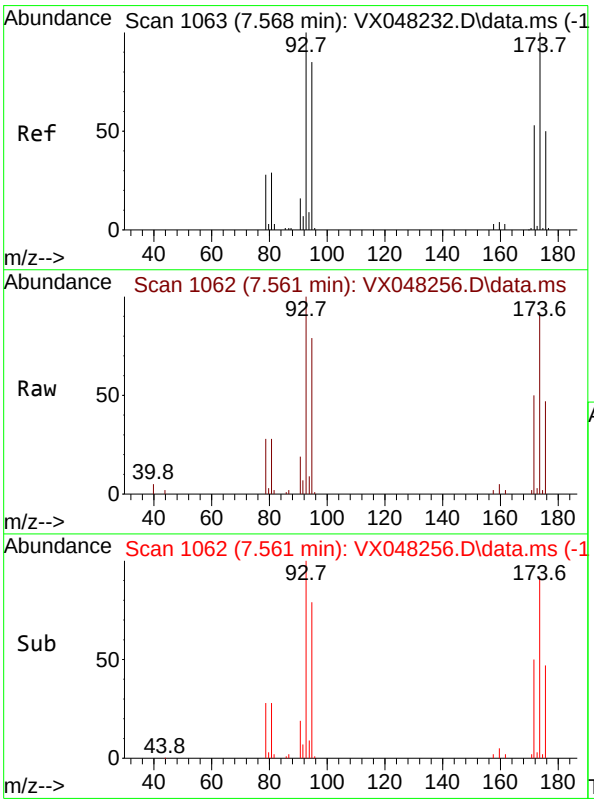
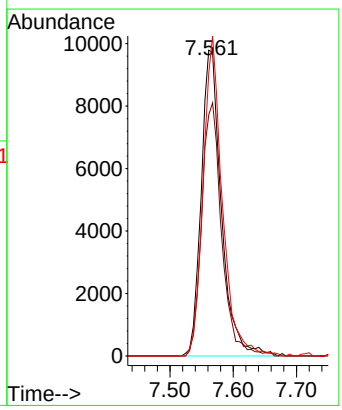


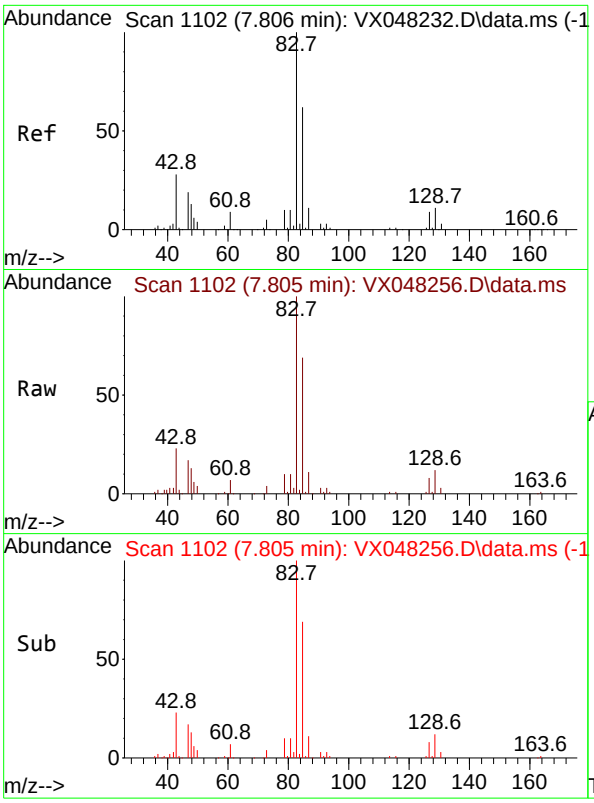


#46
Dibromomethane
Concen: 18.563 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 93 Resp: 21708

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.9	98.9
174	99.5	71.7	107.5

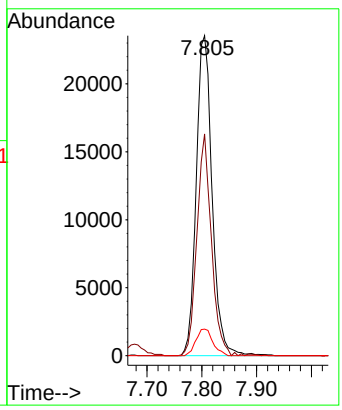




#47
Bromodichloromethane
Concen: 18.781 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 83 Resp: 4742

Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.2	78.4
127	8.3	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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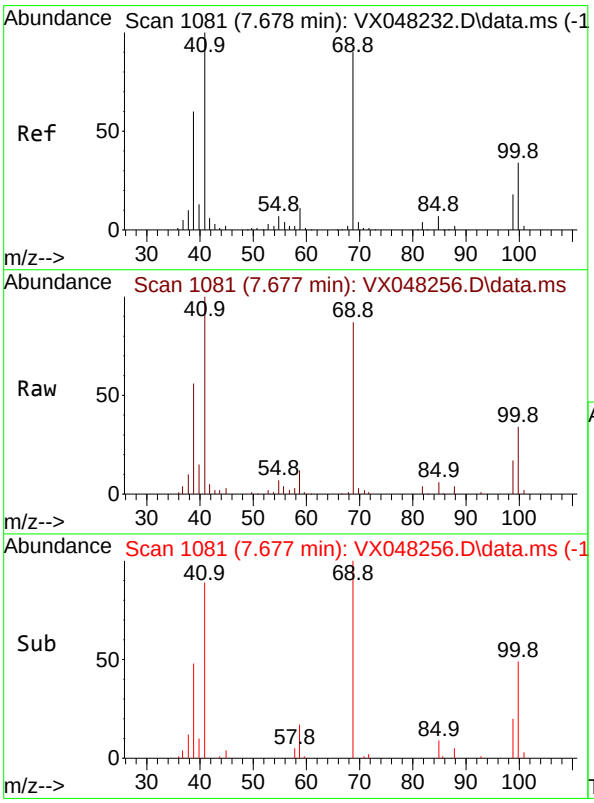
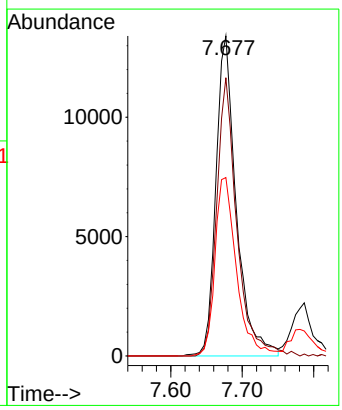
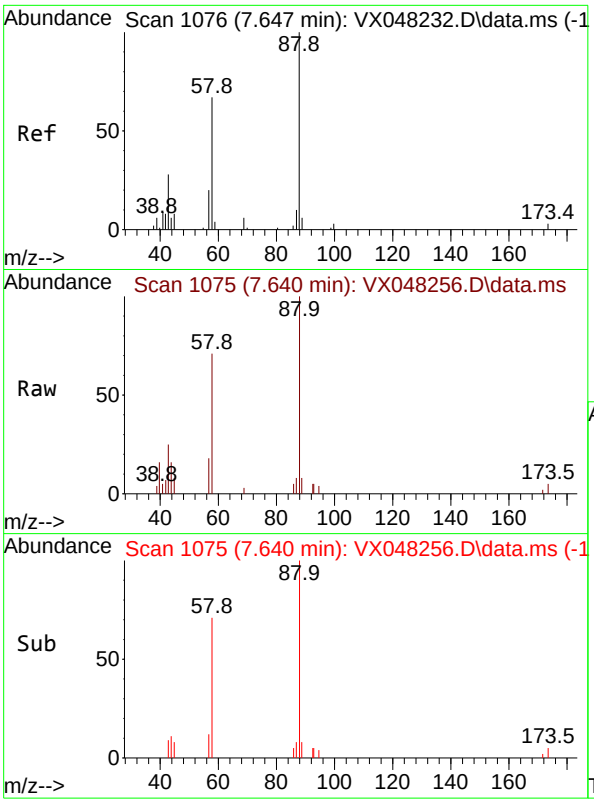


#48
Methyl methacrylate
Concen: 17.751 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 41 Resp: 26520

Ion	Ratio	Lower	Upper
41	100		
69	86.1	63.4	95.0
39	59.0	47.1	70.7





#49
1,4-Dioxane
Concen: 323.294 ug/l
RT: 7.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 88 Resp: 638

Ion	Ratio	Lower	Upper
88	100		
43	21.2	35.0	52.4
58	75.7	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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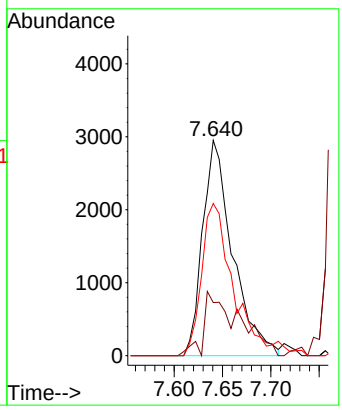
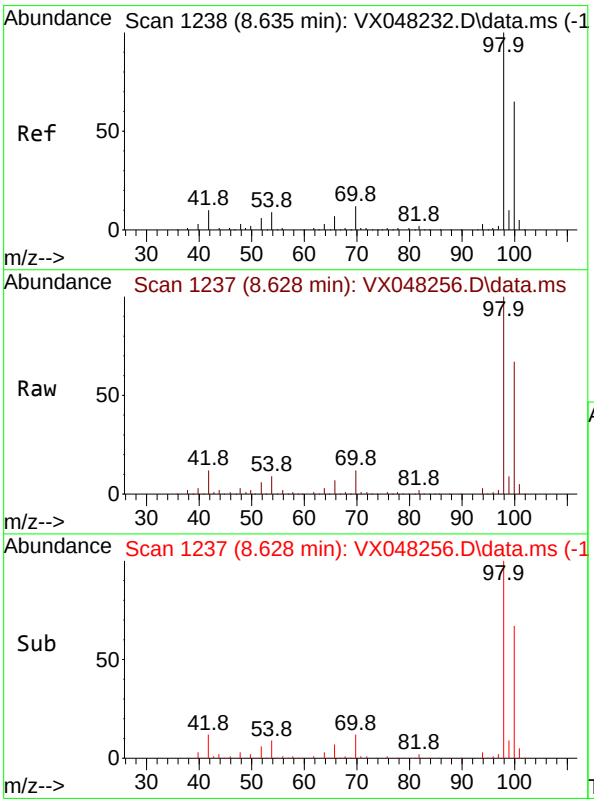
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

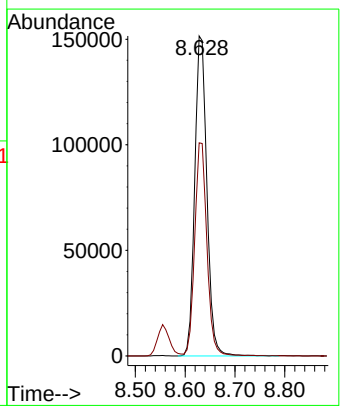


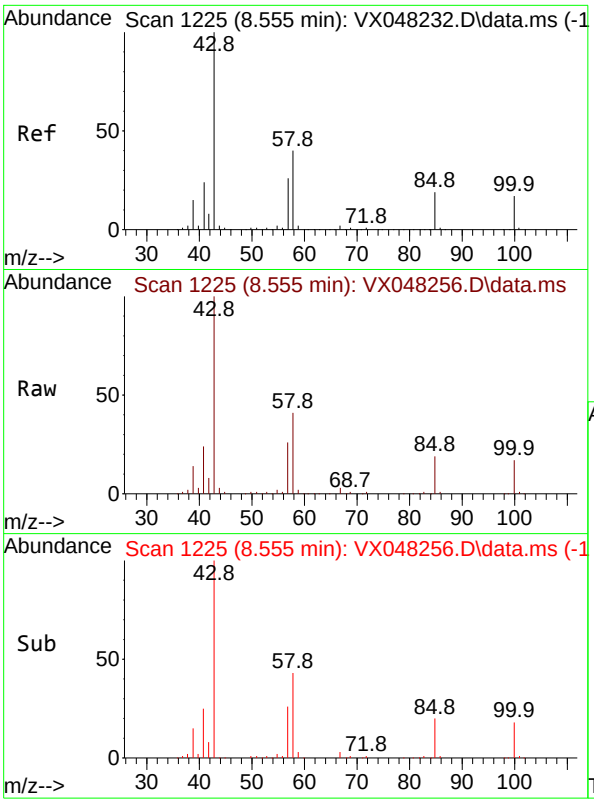


#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 98 Resp: 256689

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 88.982 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 15189

Ion	Ratio	Lower	Upper
43	100		
58	39.5	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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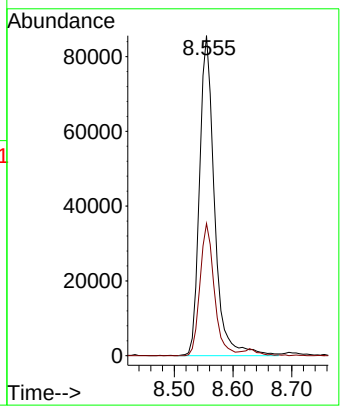
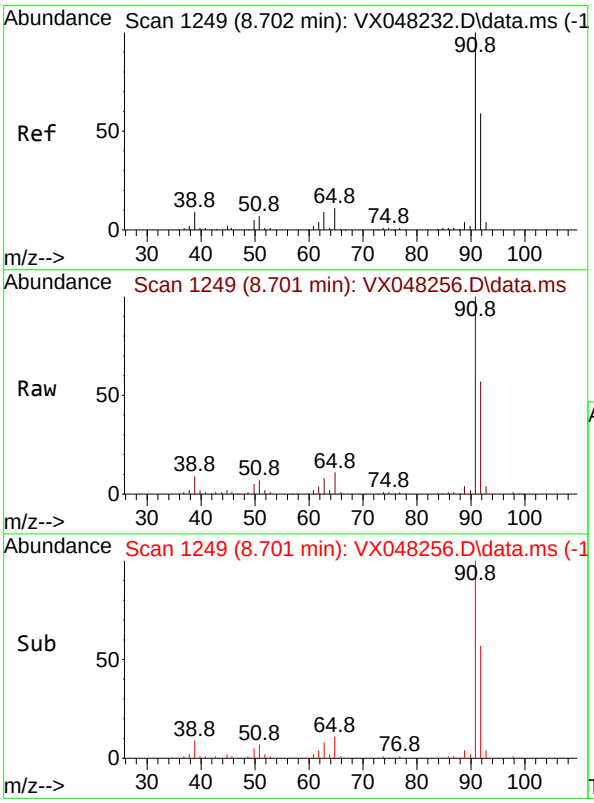
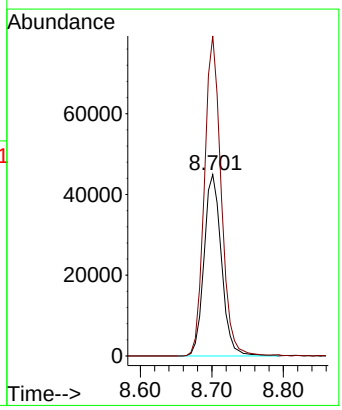


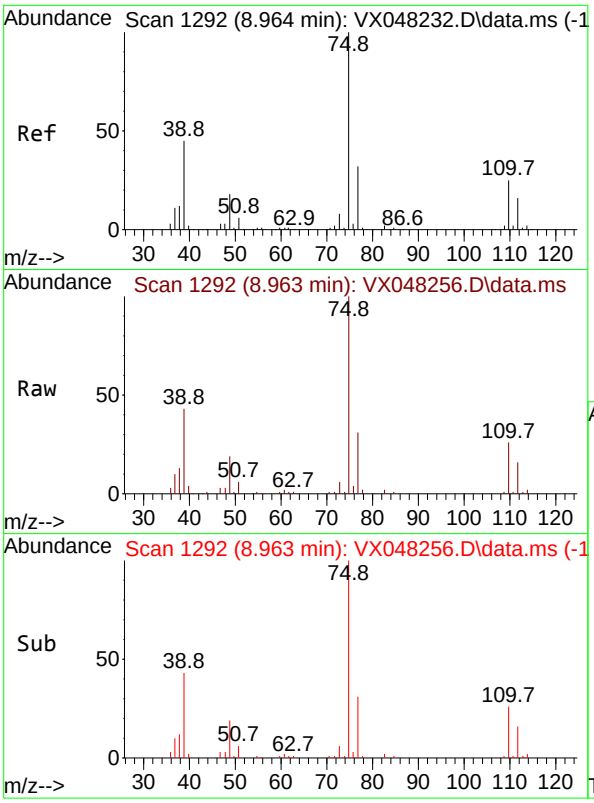


#52
Toluene
Concen: 18.906 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 92 Resp: 75829

Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.1	204.1

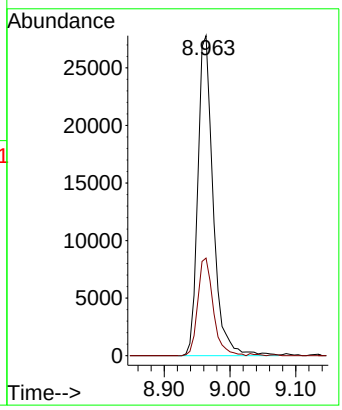




#53
t-1,3-Dichloropropene
Concen: 18.497 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 4500

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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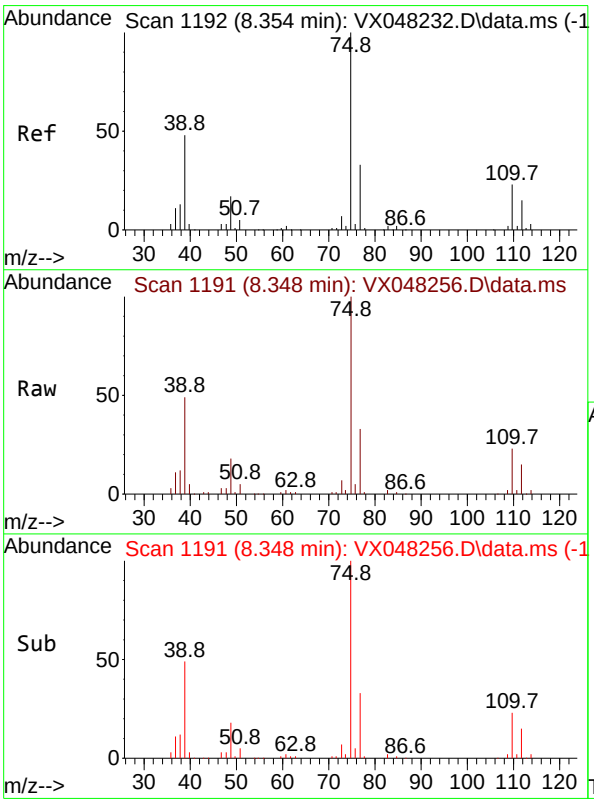
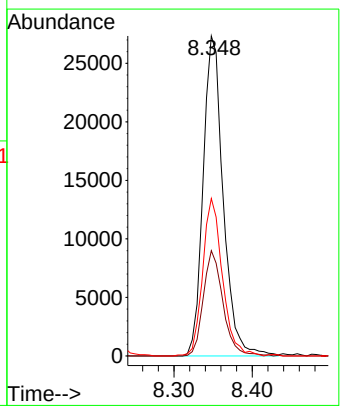
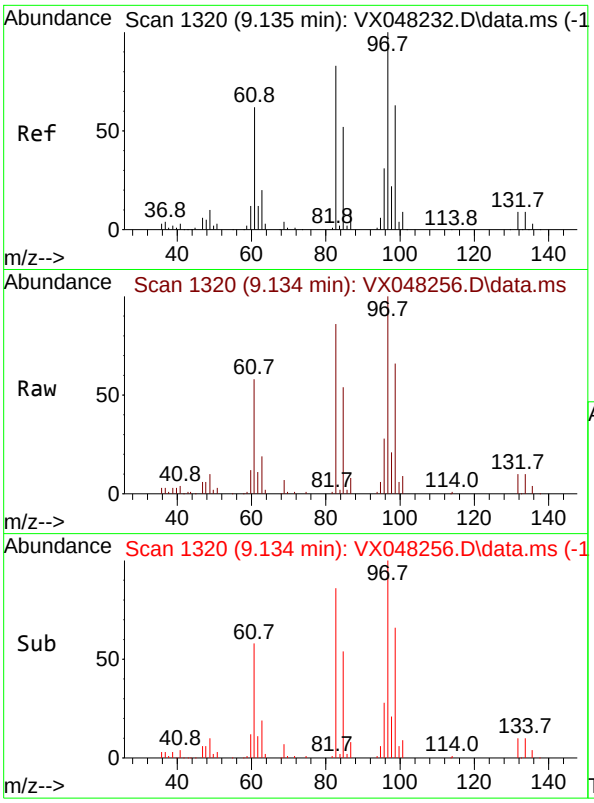


#54
cis-1,3-Dichloropropene
Concen: 18.541 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 48675

Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.9	37.3
39	48.8	42.6	64.0

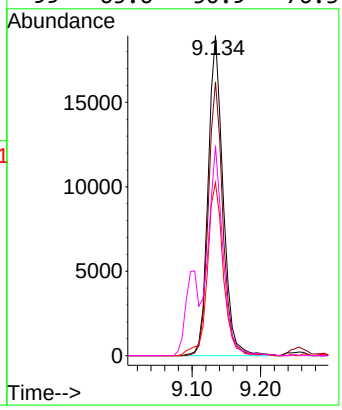




#55
1,1,2-Trichloroethane
Concen: 19.271 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 97 Resp: 2874

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	54.0	45.0	67.6
99	65.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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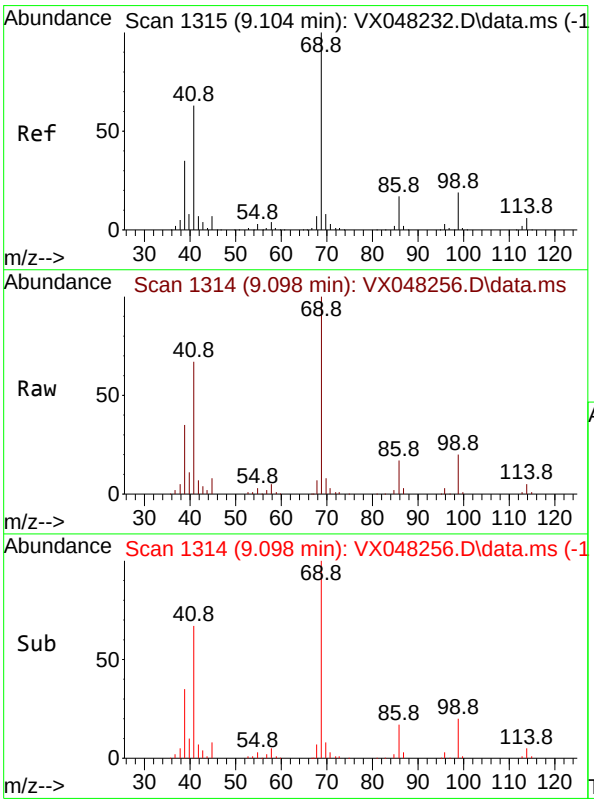
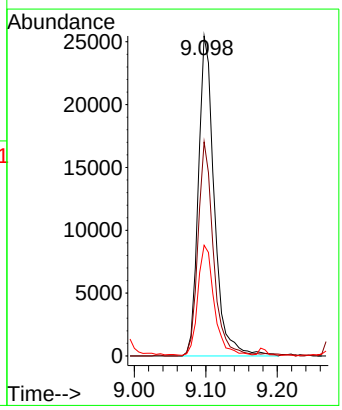
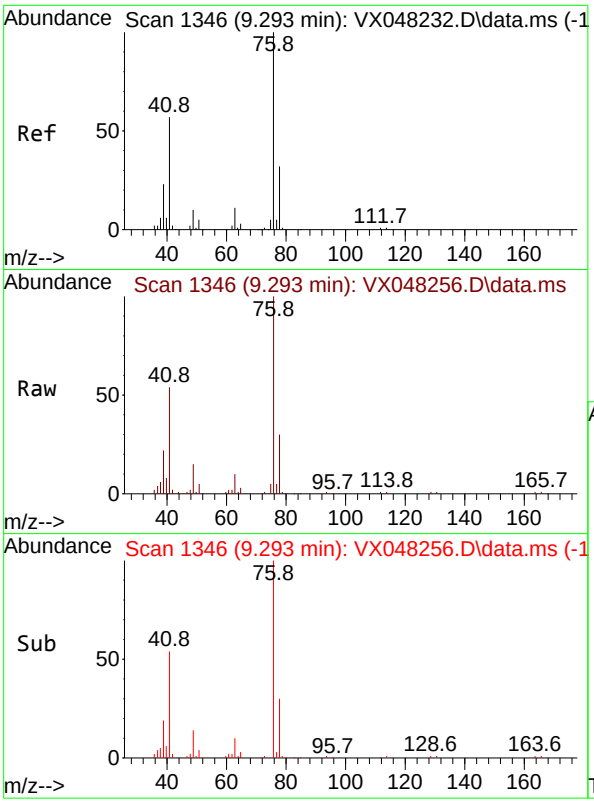


#56
Ethyl methacrylate
Concen: 18.073 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 69 Resp: 39428

Ion	Ratio	Lower	Upper
69	100		
41	64.9	56.0	84.0
39	35.9	31.6	47.4





#57
1,3-Dichloropropane
Concen: 18.933 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 76 Resp: 4823

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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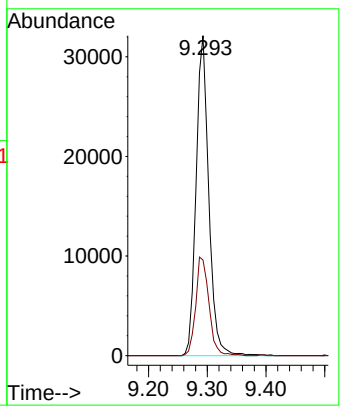
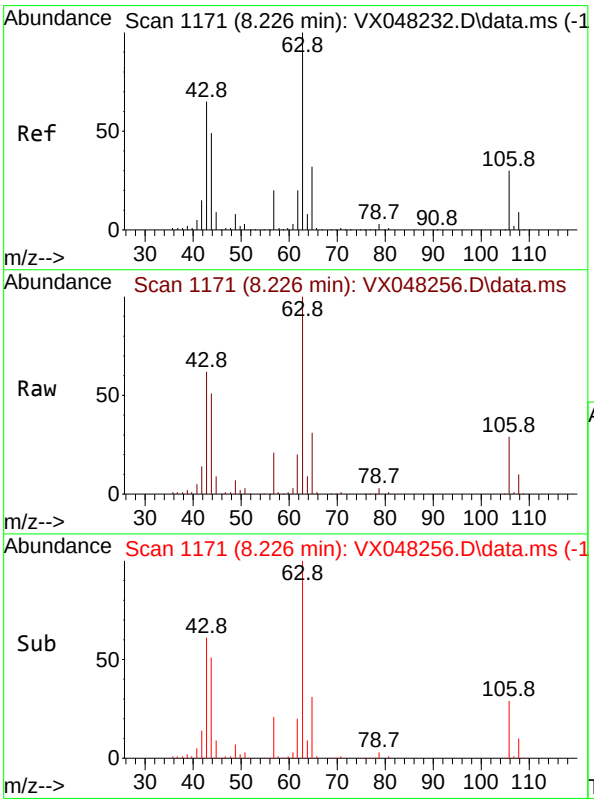
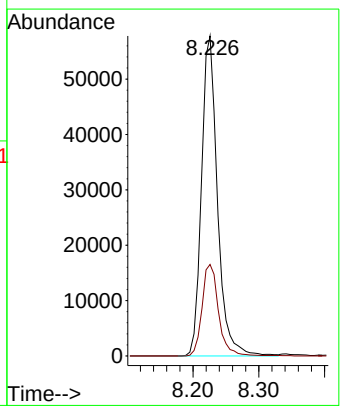


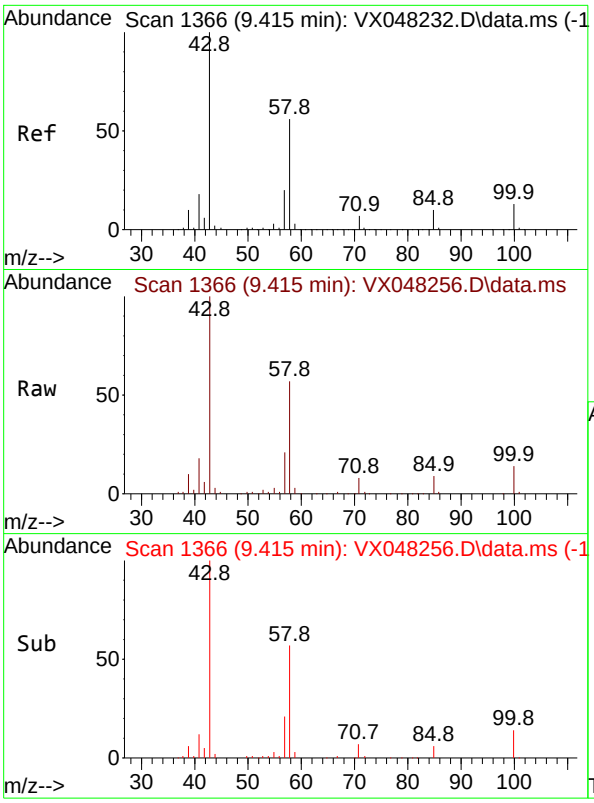


#58
2-Chloroethyl Vinyl ether
Concen: 84.467 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 63 Resp: 97758

Ion	Ratio	Lower	Upper
63	100		
106	29.4	22.2	33.2





#59
2-Hexanone
Concen: 87.804 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 10451

Ion	Ratio	Lower	Upper
43	100		
58	54.2	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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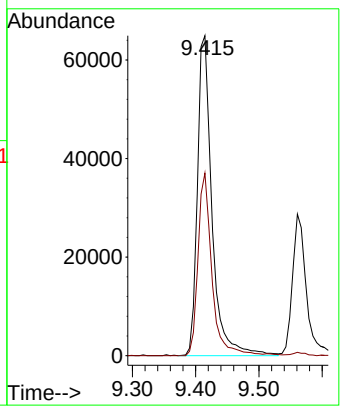
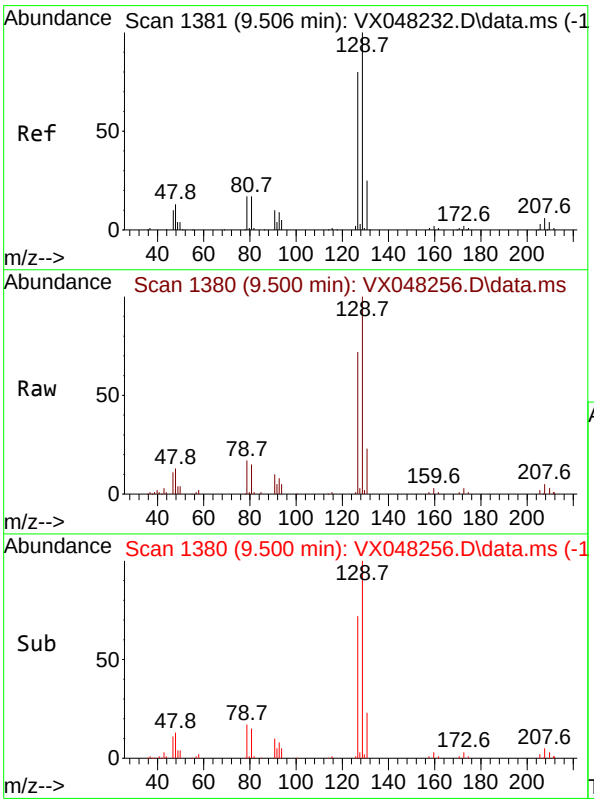
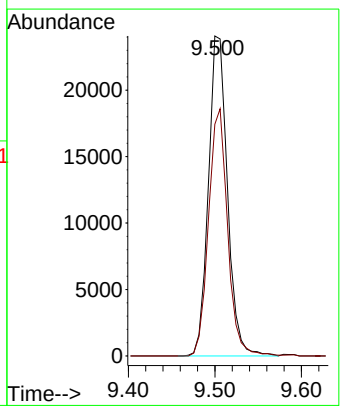


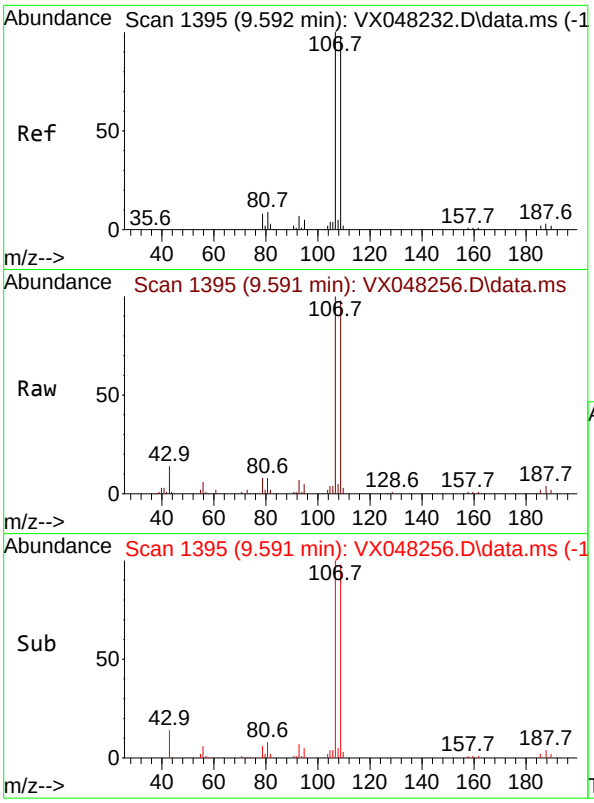


#60
Dibromochloromethane
Concen: 18.328 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:129 Resp: 36743

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7

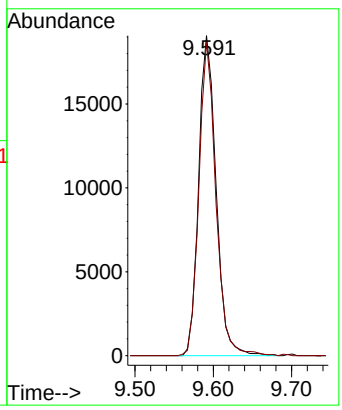




#61
1,2-Dibromoethane
Concen: 18.555 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:107 Resp: 2950

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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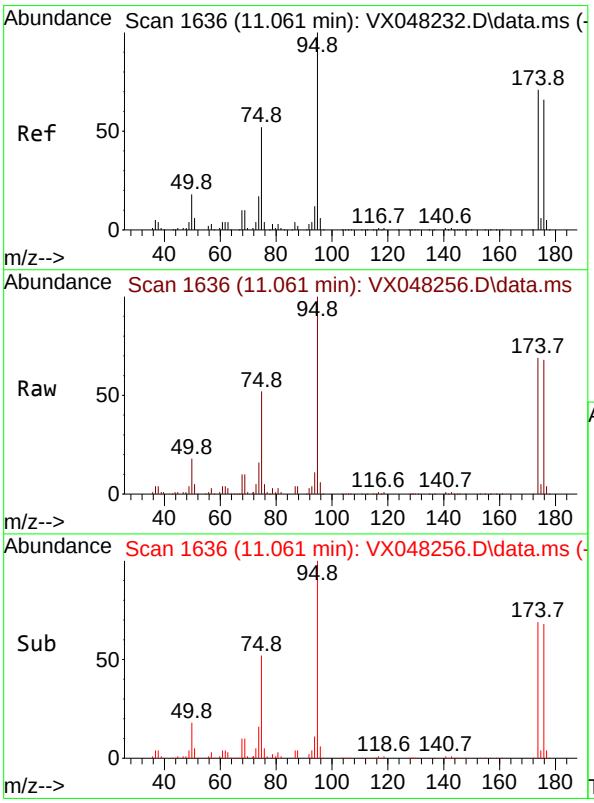
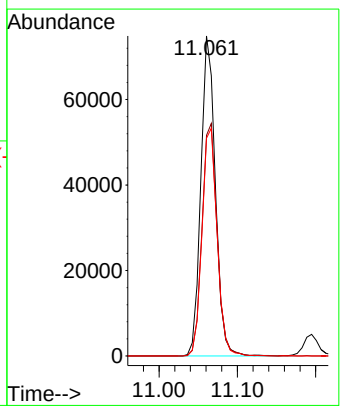
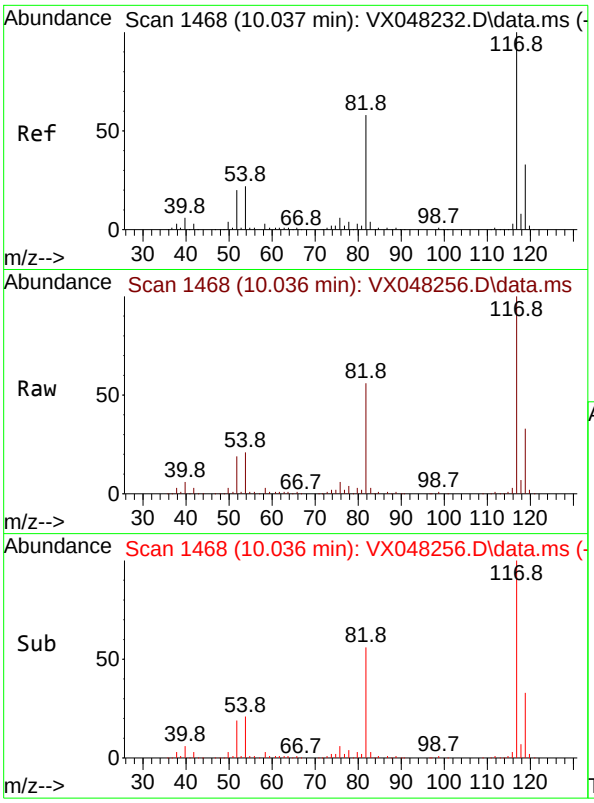


#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 95 Resp: 96462

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	147.8
176	73.9	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:117 Resp: 20336

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.5	69.7
119	32.7	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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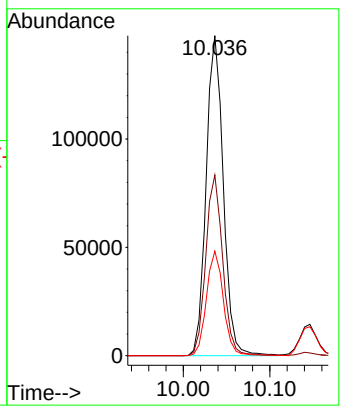
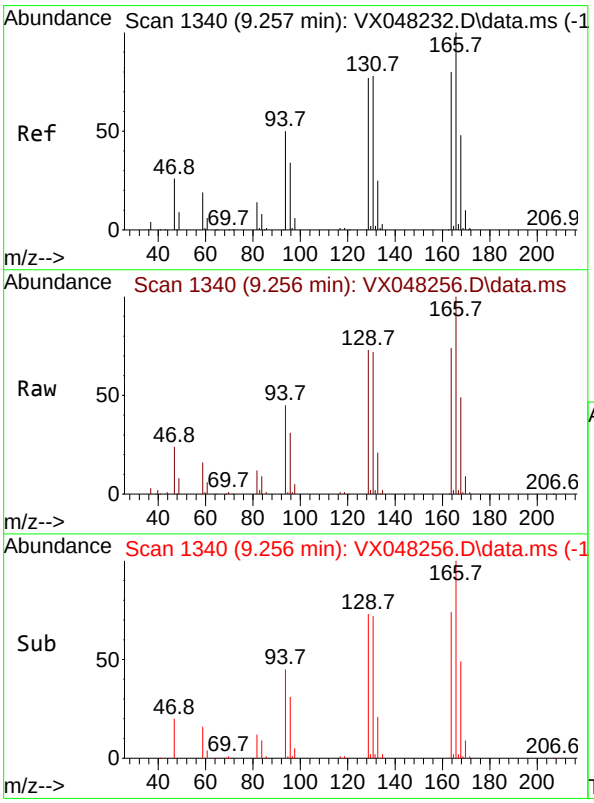
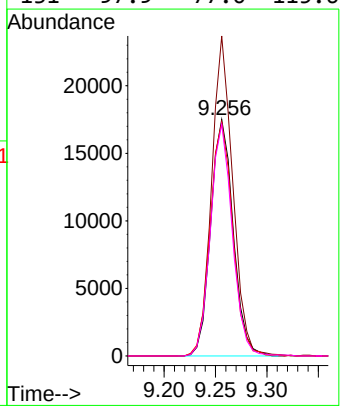


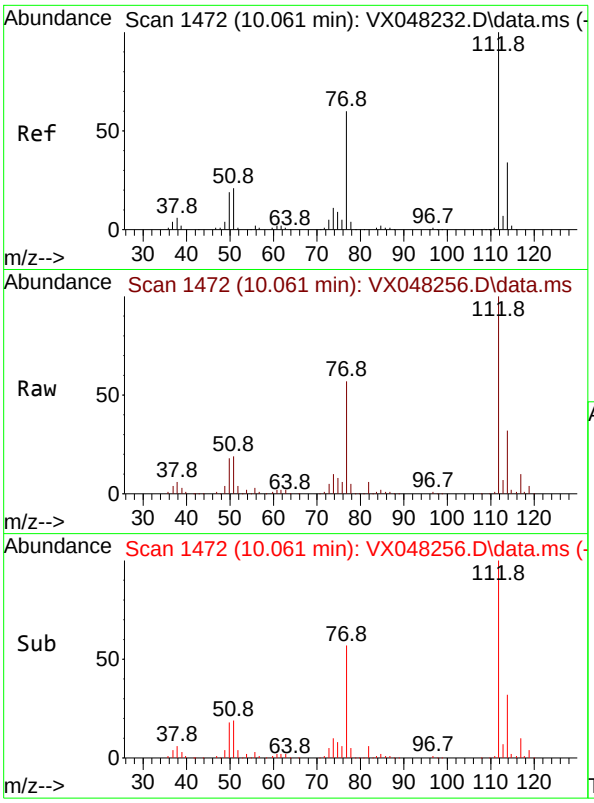


#64
Tetrachloroethene
Concen: 17.492 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:164 Resp: 26555

Ion	Ratio	Lower	Upper
164	100		
166	135.3	104.5	156.7
129	98.9	81.8	122.6
131	97.9	77.0	115.6

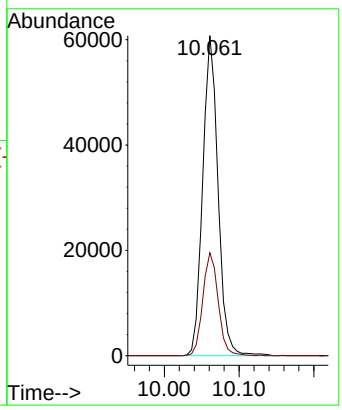




#65
Chlorobenzene
Concen: 18.875 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:112 Resp: 8634

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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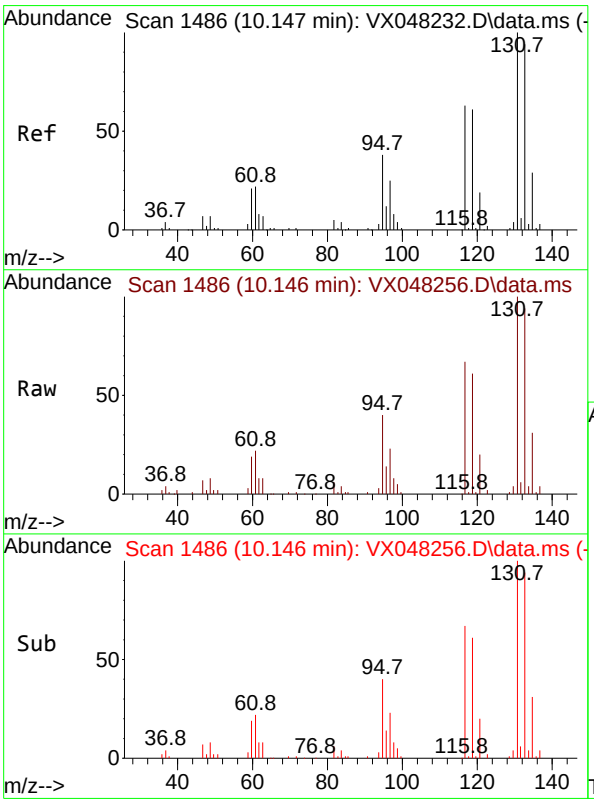
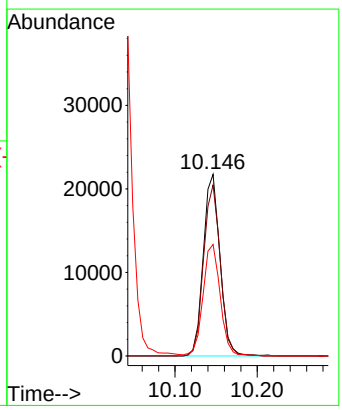
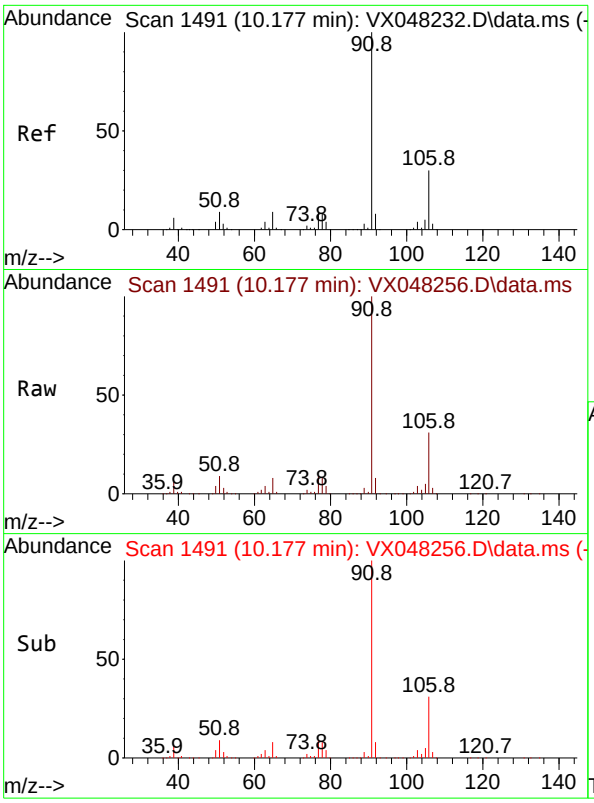


#66
1,1,1,2-Tetrachloroethane
Concen: 18.258 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:131 Resp: 30678

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.6	142.8
119	63.3	32.5	97.5





#67
Ethyl Benzene
Concen: 18.320 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 14269

Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.8	35.6

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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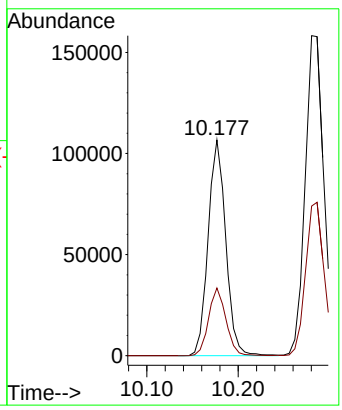
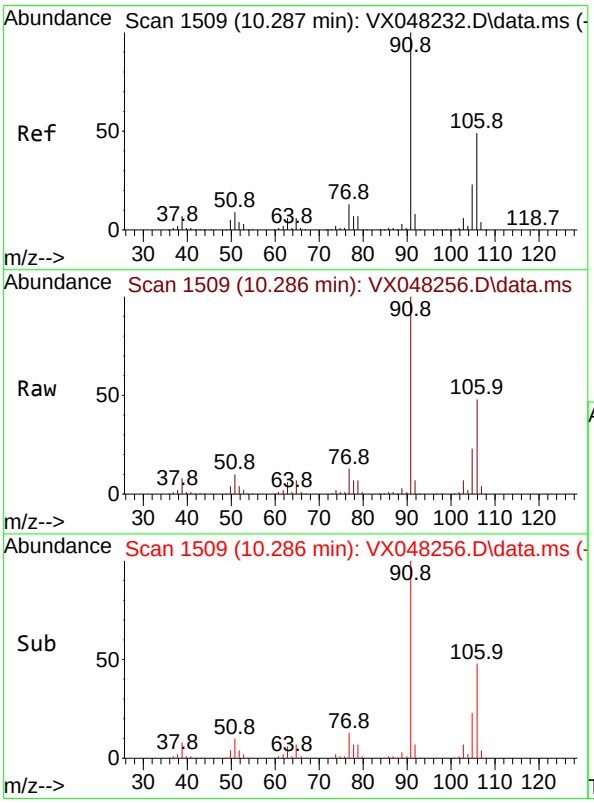
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

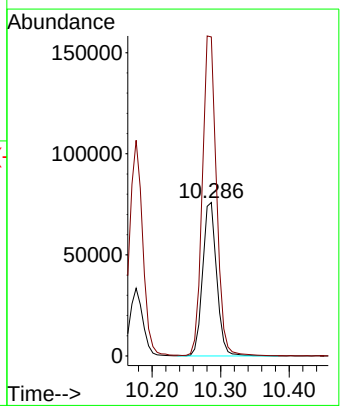


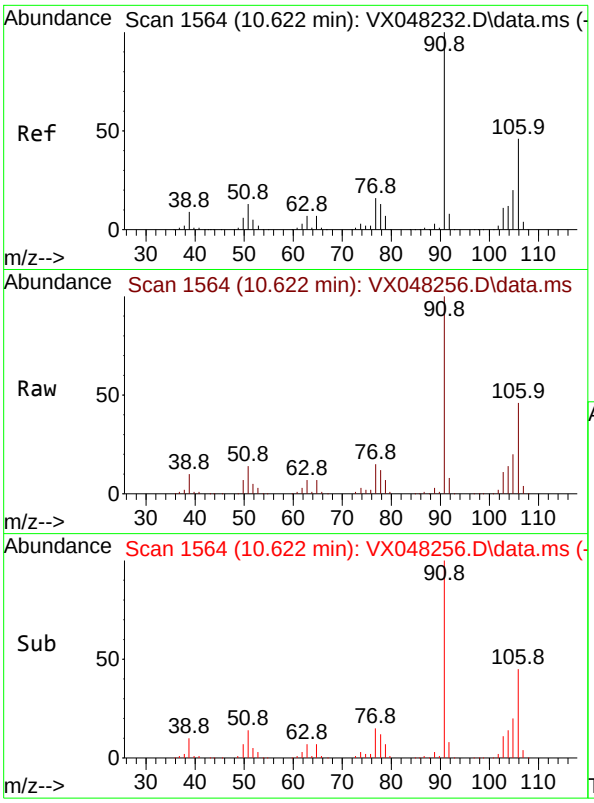


#68
m/p-Xylenes
Concen: 37.497 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:106 Resp: 108512

Ion	Ratio	Lower	Upper
106	100		
91	209.5	167.9	251.9





#69
o-Xylene
Concen: 18.468 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:106 Resp: 5159

Ion	Ratio	Lower	Upper
106	100		
91	219.4	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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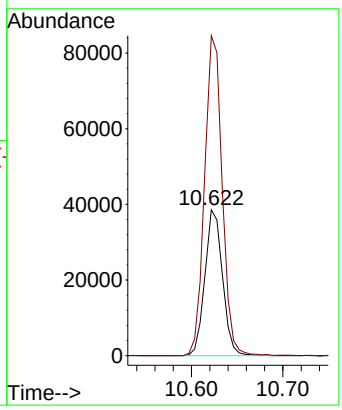
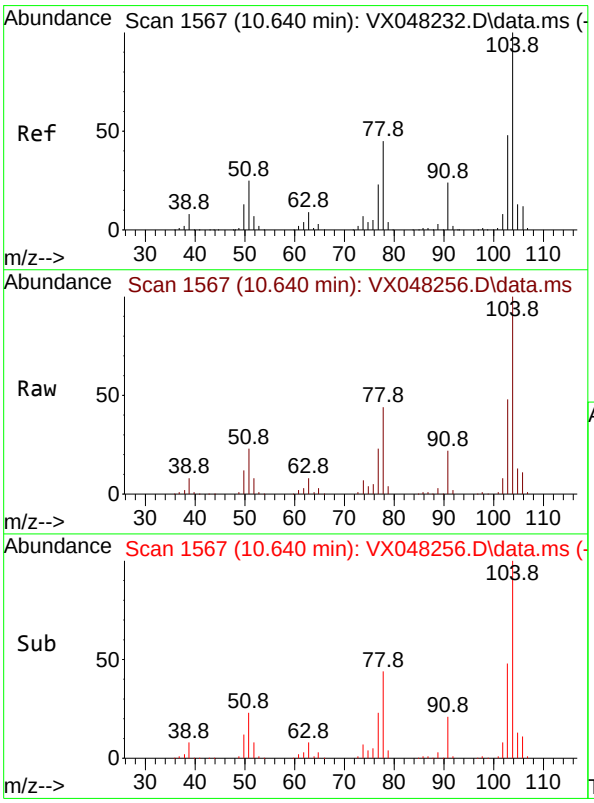
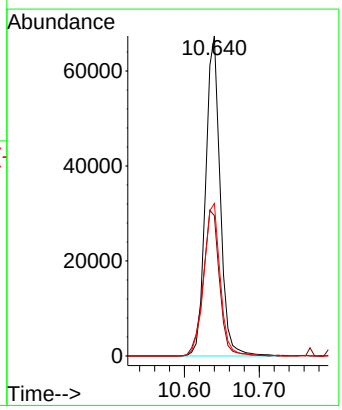


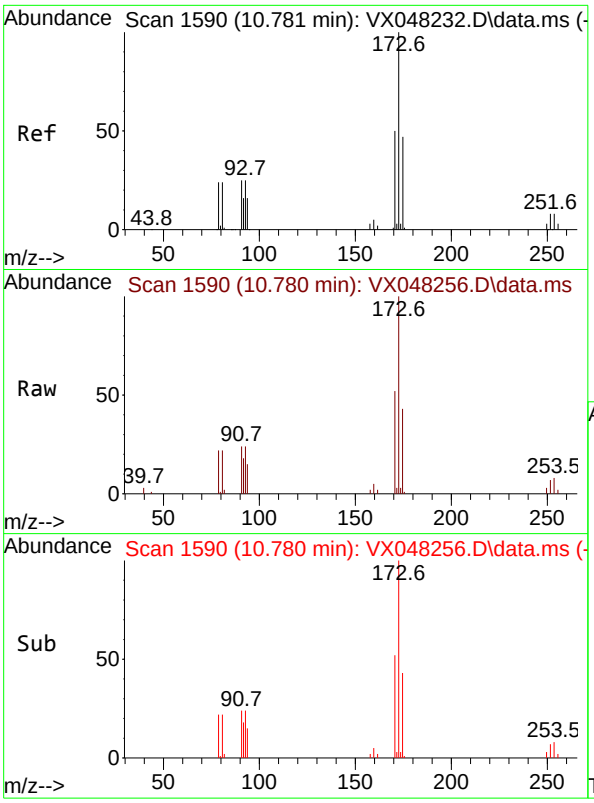


#70
Styrene
Concen: 19.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:104 Resp: 91270

Ion	Ratio	Lower	Upper
104	100		
78	51.0	42.2	63.4
103	53.4	43.0	64.4

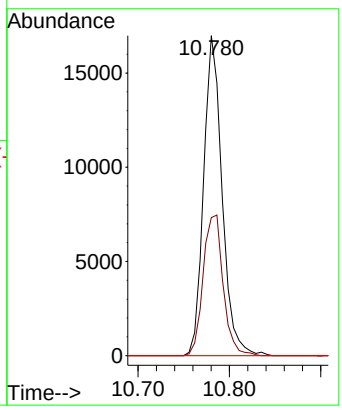




#71
Bromoform
Concen: 17.711 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:173 Resp: 2378

Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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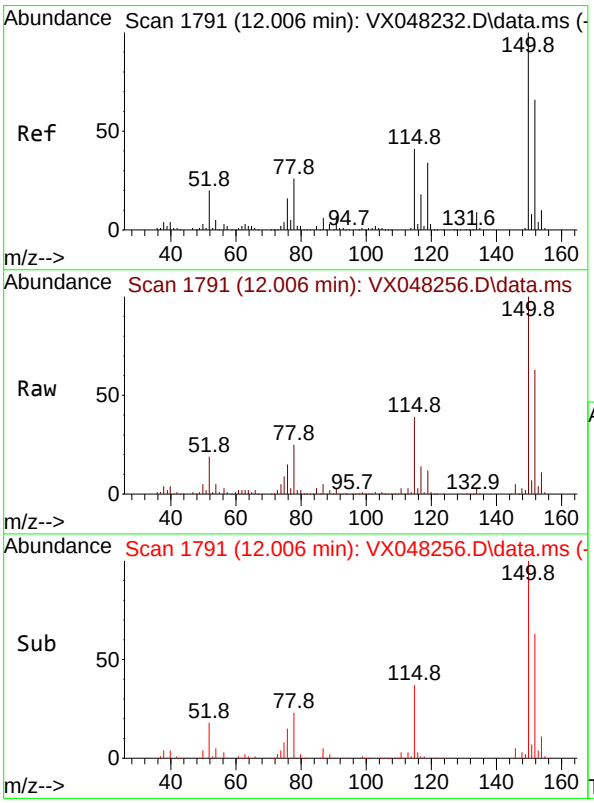
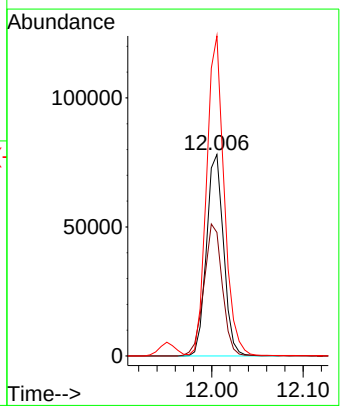
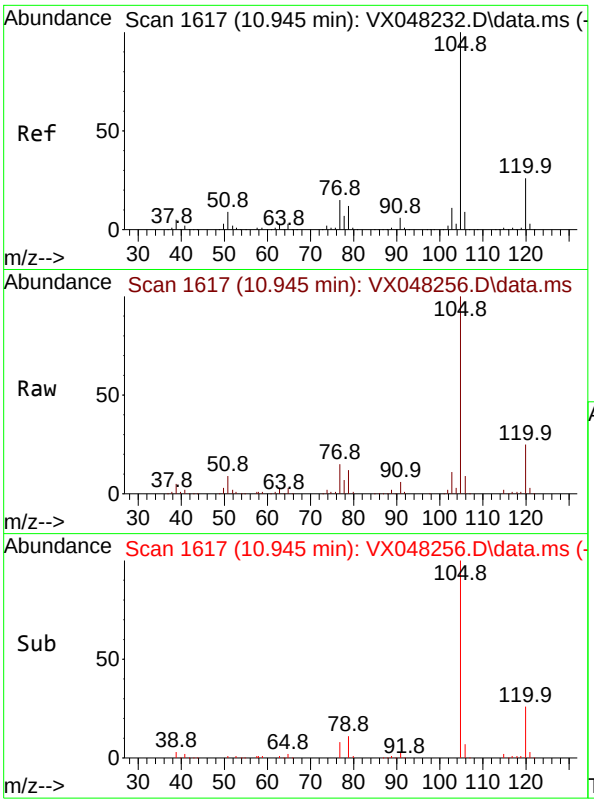


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:152 Resp: 101316

Ion	Ratio	Lower	Upper
152	100		
115	70.4	43.1	129.4
150	163.7	0.0	353.0





#73
Isopropylbenzene
Concen: 18.464 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:105 Resp: 13663

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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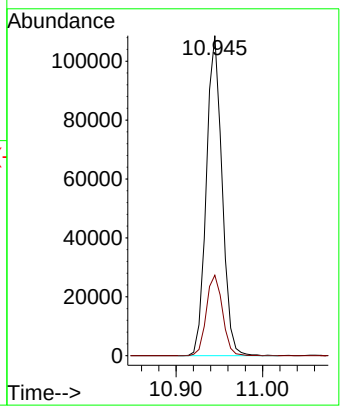
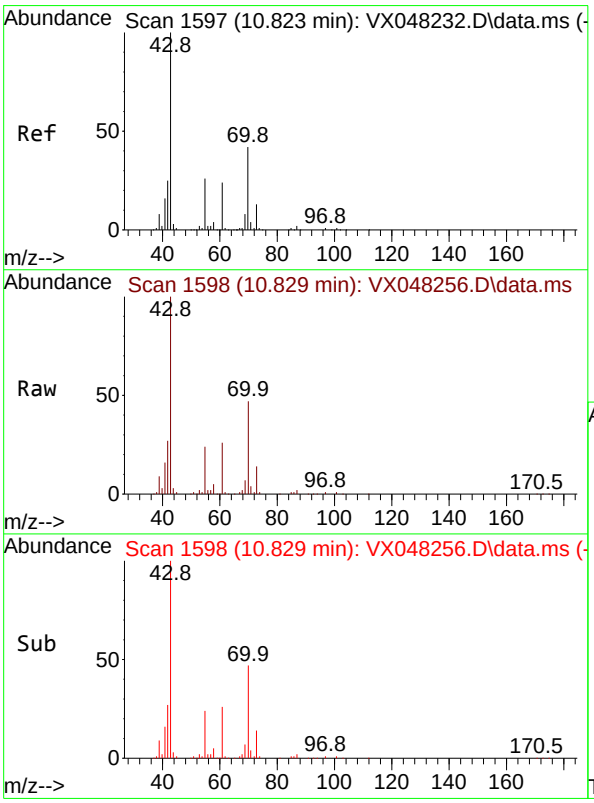
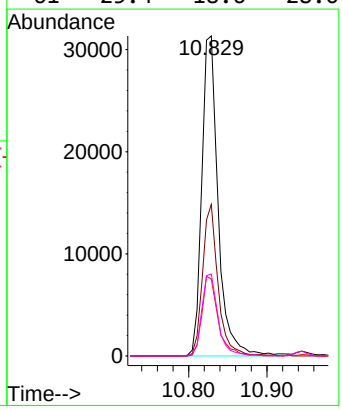


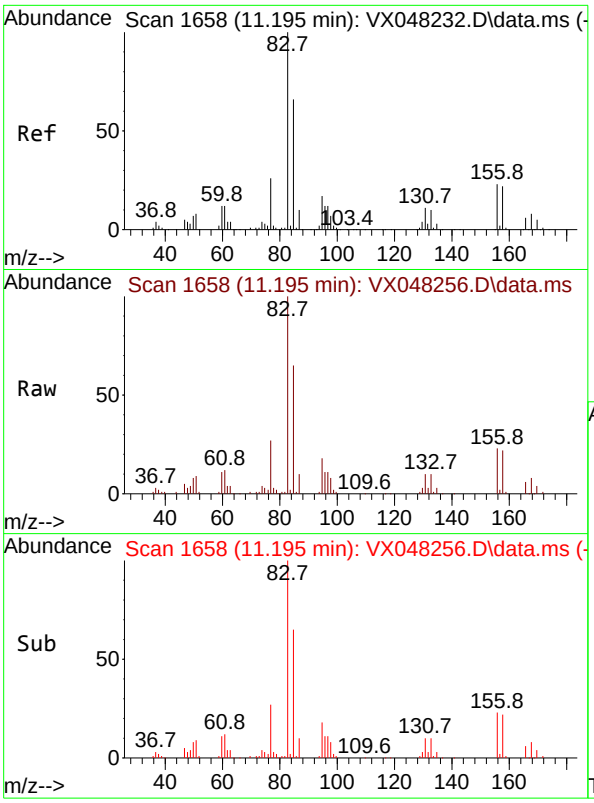


#74
N-amyl acetate
Concen: 17.261 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 45310

Ion	Ratio	Lower	Upper
43	100		
70	45.0	32.2	48.2
55	24.9	19.1	28.7
61	25.4	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.401 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 83 Resp: 3718

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.4
85	64.0	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

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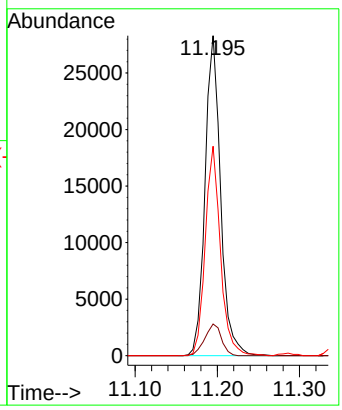
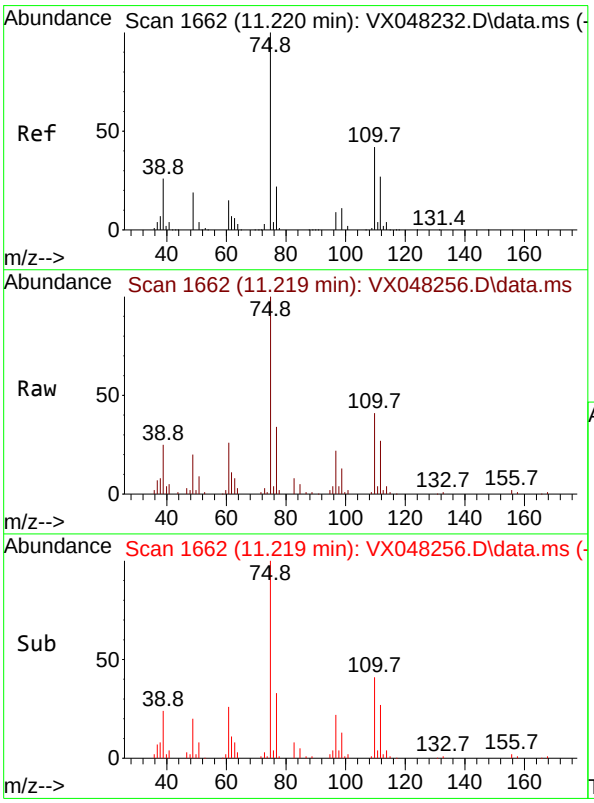
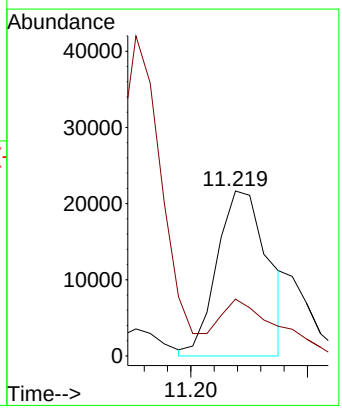


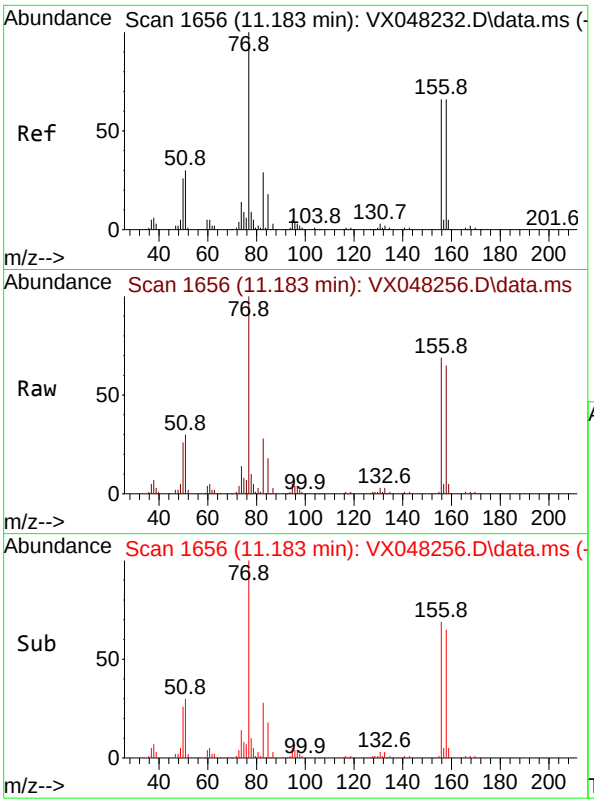


#76
1,2,3-Trichloropropane
Concen: 20.032 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 32912

Ion	Ratio	Lower	Upper
75	100		
77	38.5	22.4	67.2

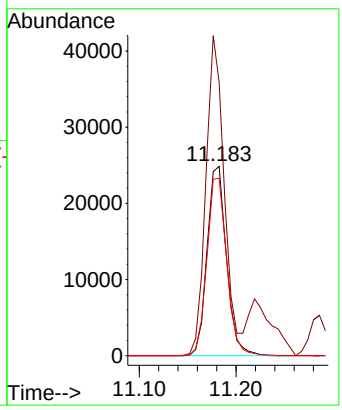




#77
Bromobenzene
Concen: 18.615 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:156 Resp: 3454

Ion	Ratio	Lower	Upper
156	100		
77	161.0	87.0	261.0
158	96.2	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
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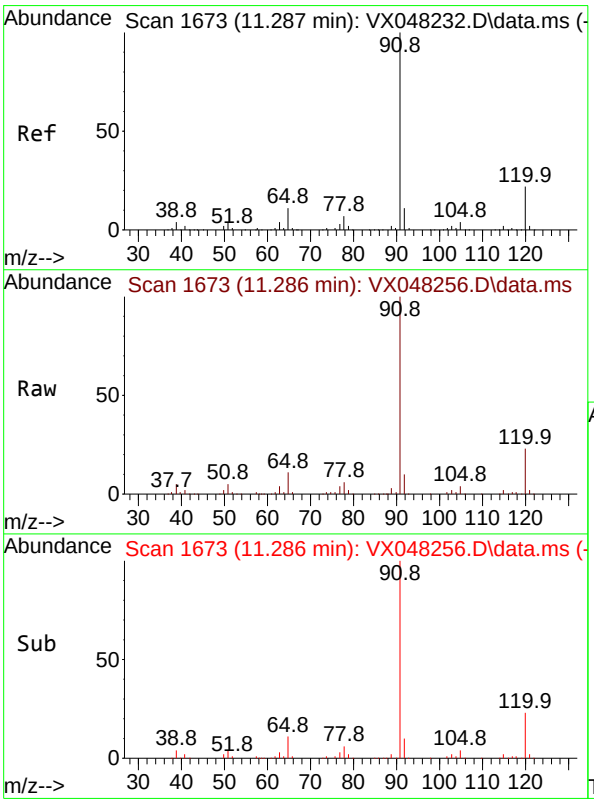
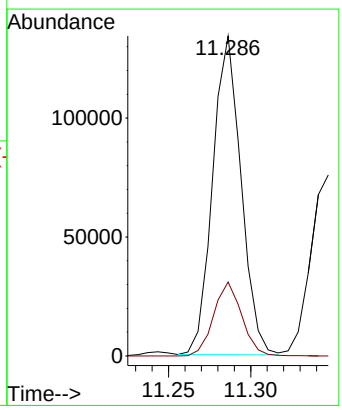
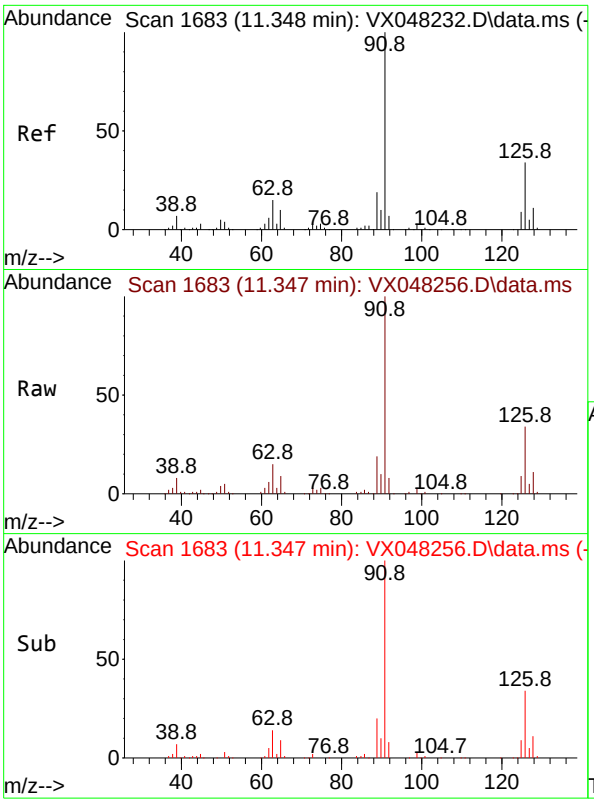


#78
n-propylbenzene
Concen: 18.753 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 160675

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.1





#79
2-Chlorotoluene
Concen: 18.767 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 9749

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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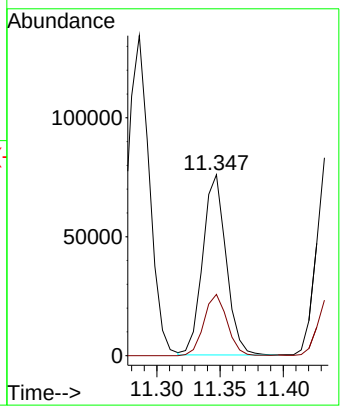
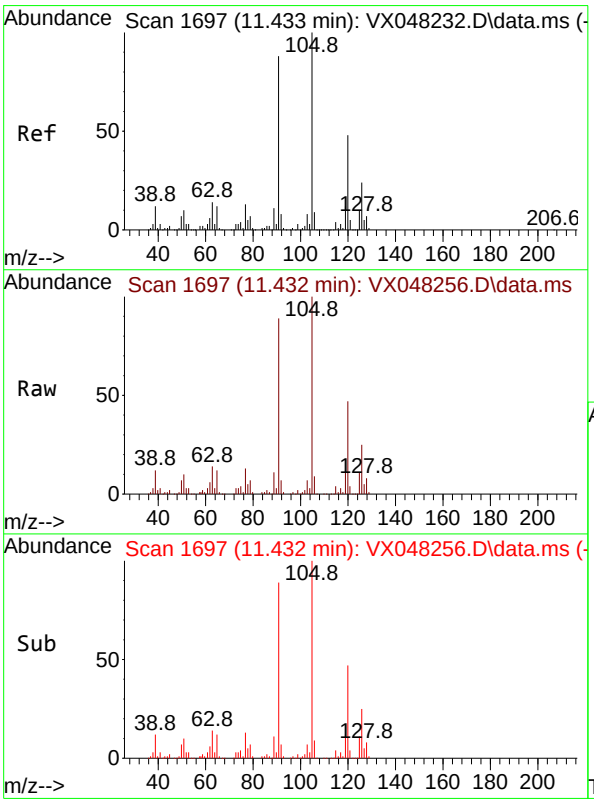
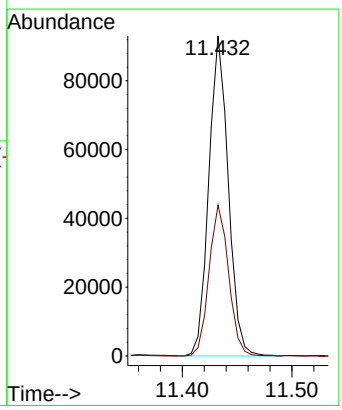


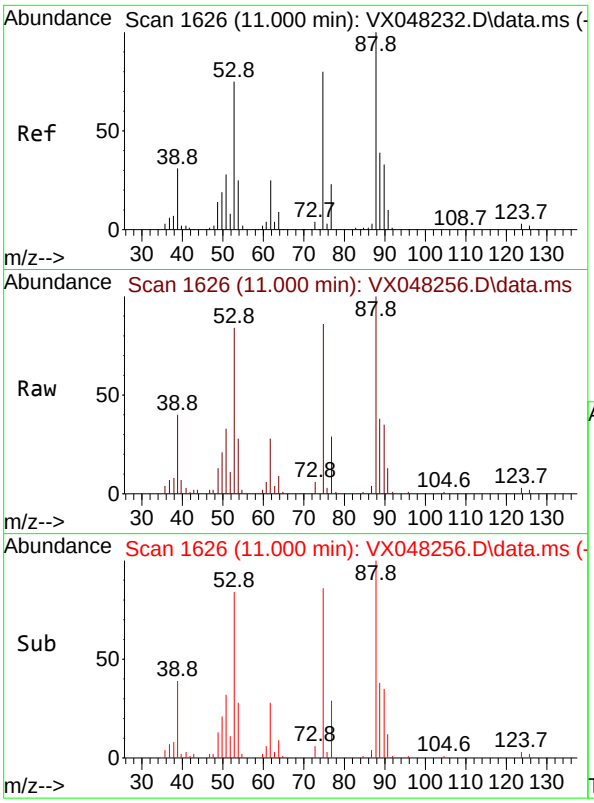


#80
1,3,5-Trimethylbenzene
Concen: 18.700 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:105 Resp: 114521

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.134 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 1157

Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.5	119.3
89	46.7	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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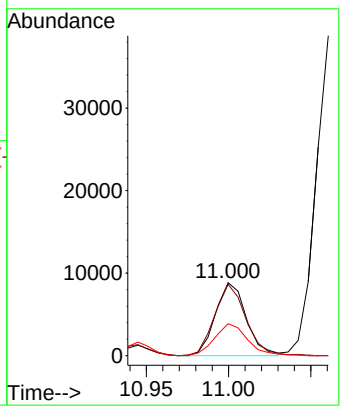
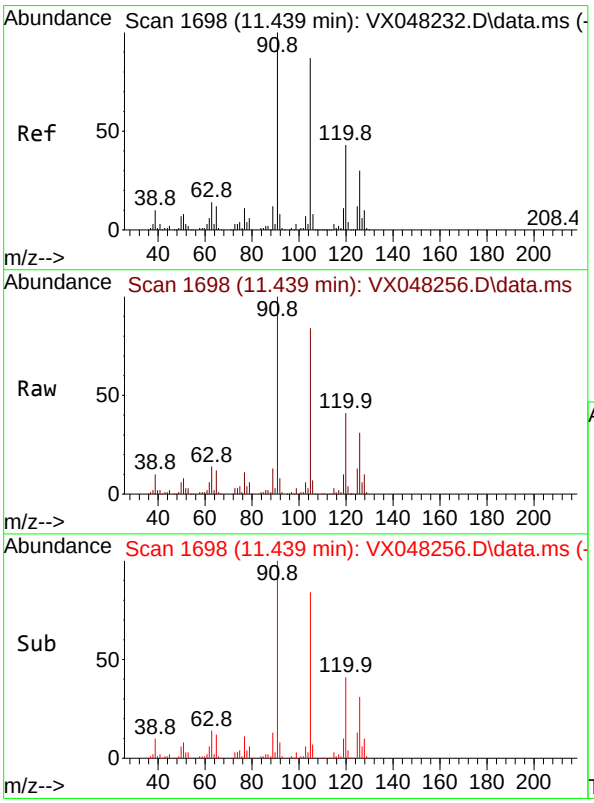
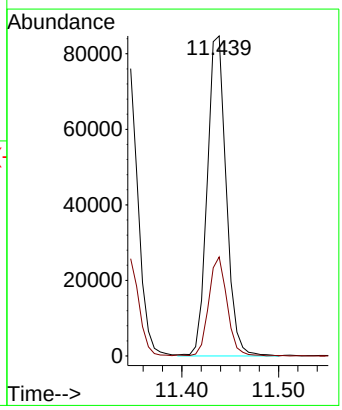


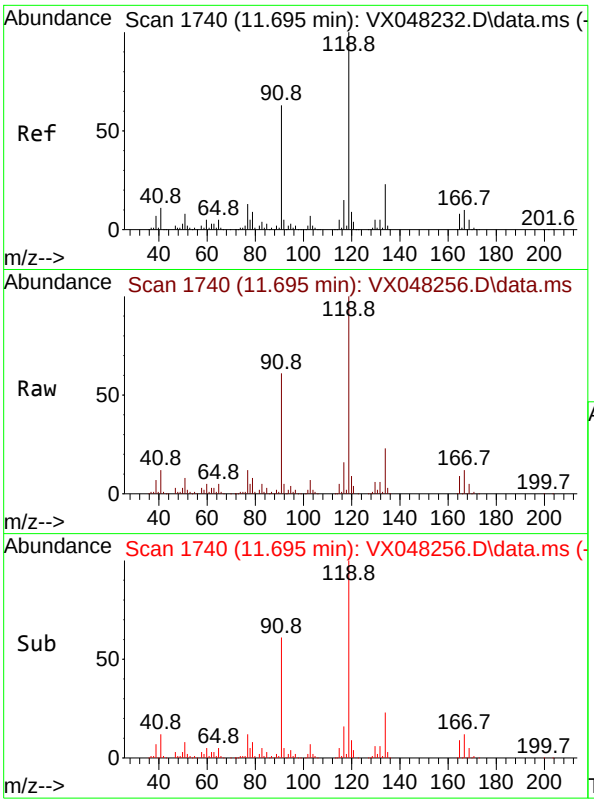


#82
4-Chlorotoluene
Concen: 18.713 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 115393

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.1	42.4





#83
tert-Butylbenzene
Concen: 18.651 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:119 Resp: 11735

Ion	Ratio	Lower	Upper
119	100		
91	55.7	30.3	91.0
134	21.8	11.4	34.2

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
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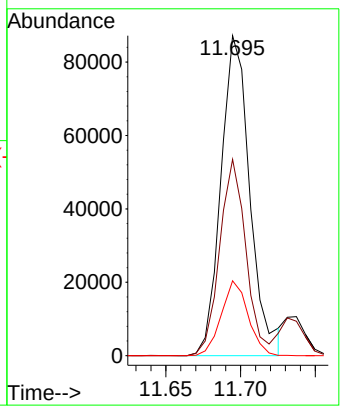
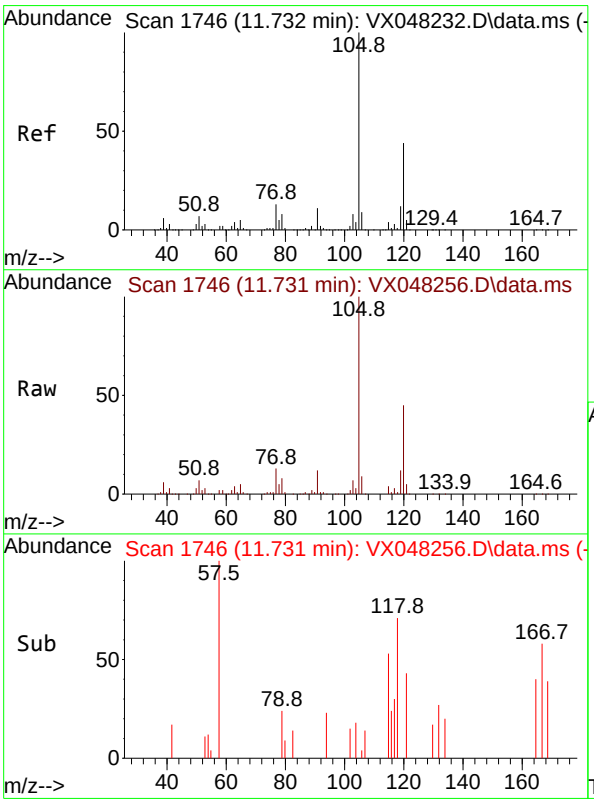
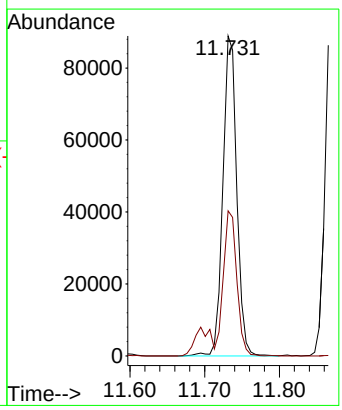


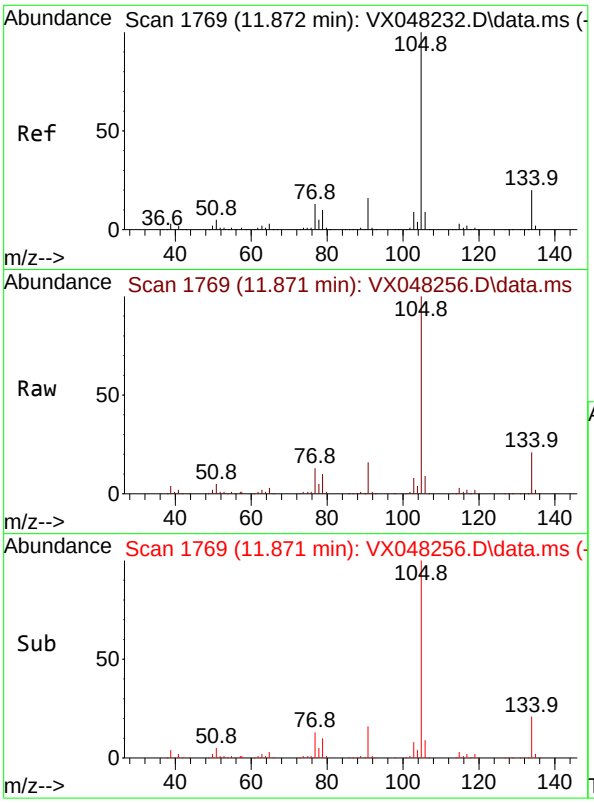


#84
1,2,4-Trimethylbenzene
Concen: 18.745 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:105 Resp: 114561

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.5





#85
sec-Butylbenzene
Concen: 18.364 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

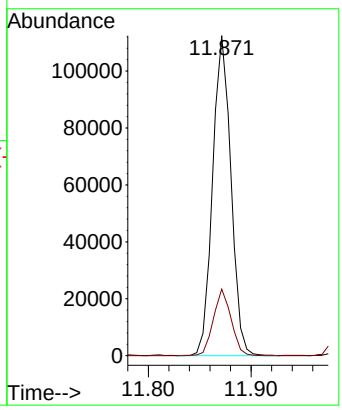
Tgt Ion:105 Resp: 13901

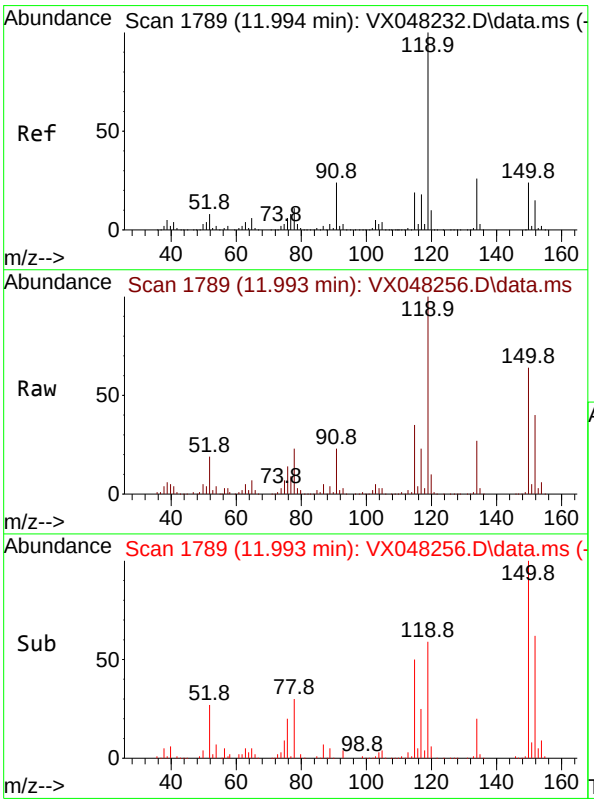
Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

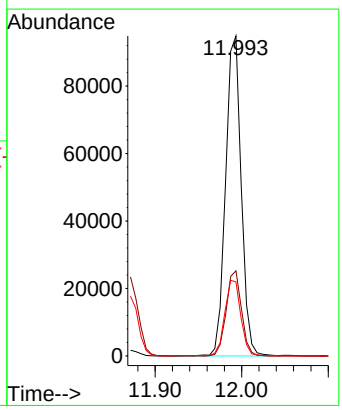


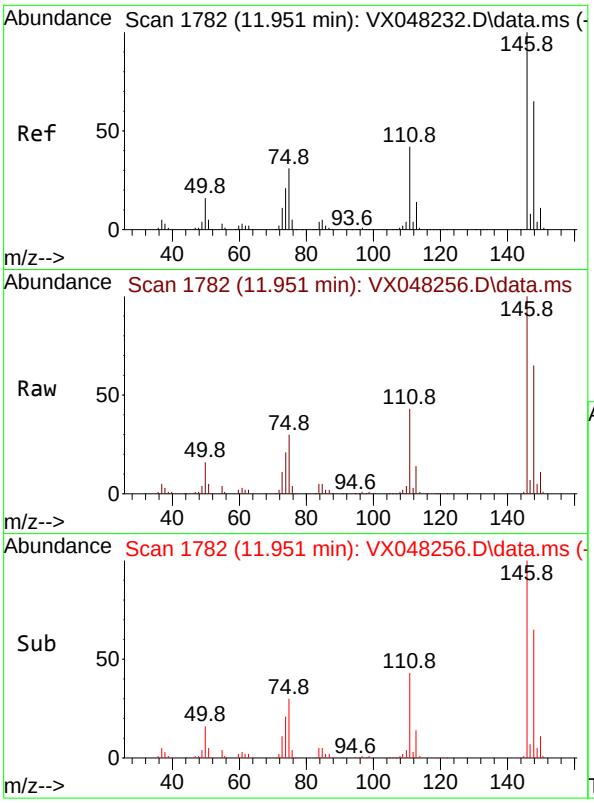


#86
p-Isopropyltoluene
Concen: 18.135 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:119 Resp: 118663

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	24.2	12.1	36.3

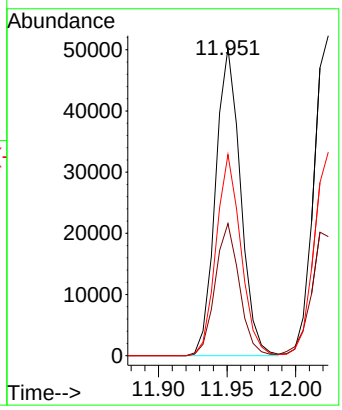




#87
1,3-Dichlorobenzene
Concen: 18.219 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:146 Resp: 6373

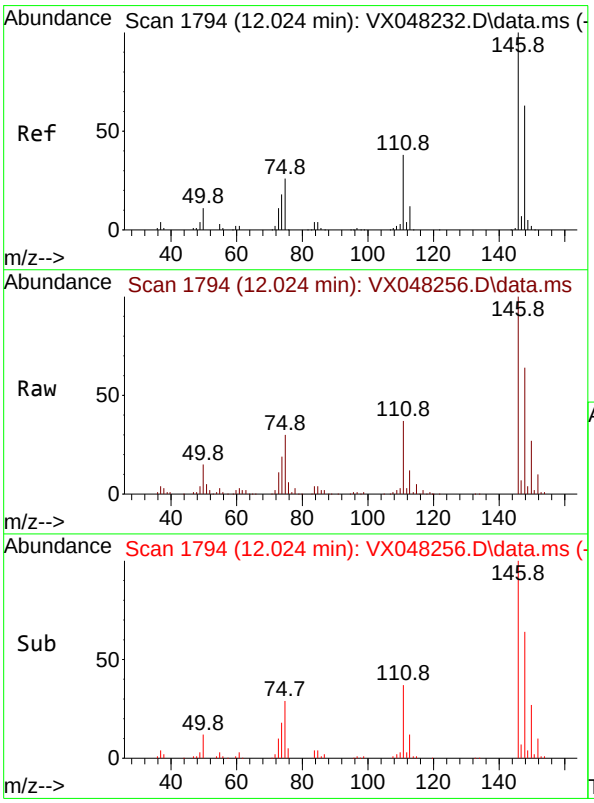
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	64.5	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

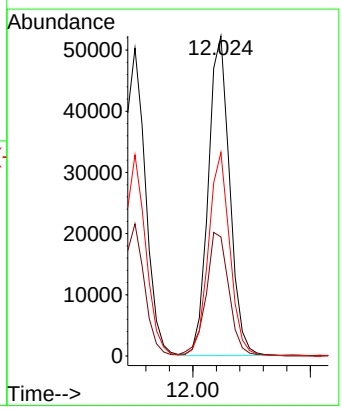
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

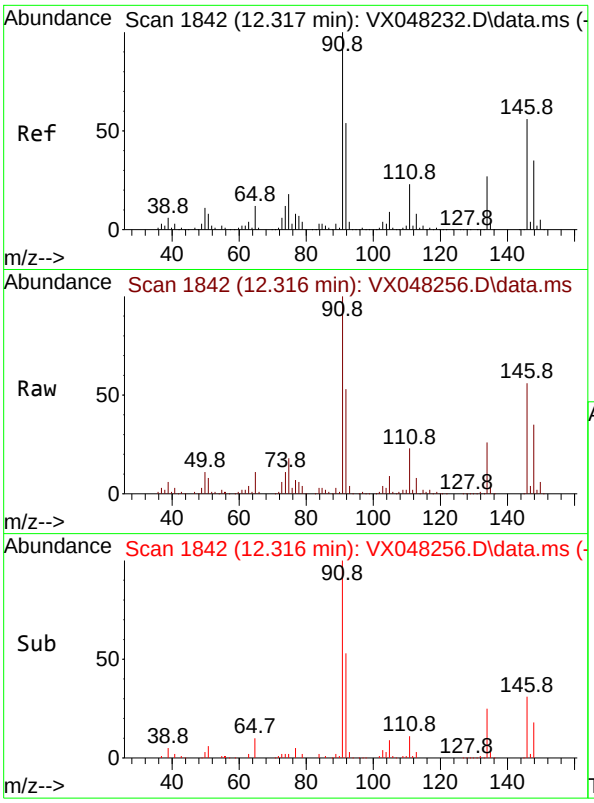


#88
1,4-Dichlorobenzene
Concen: 18.203 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:146 Resp: 65963

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.1	60.2
148	63.9	31.8	95.3





#89
n-Butylbenzene
Concen: 17.834 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

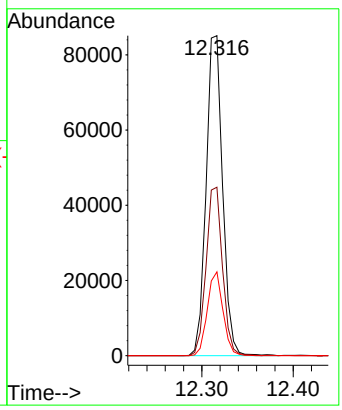
Tgt Ion: 91 Resp: 10621

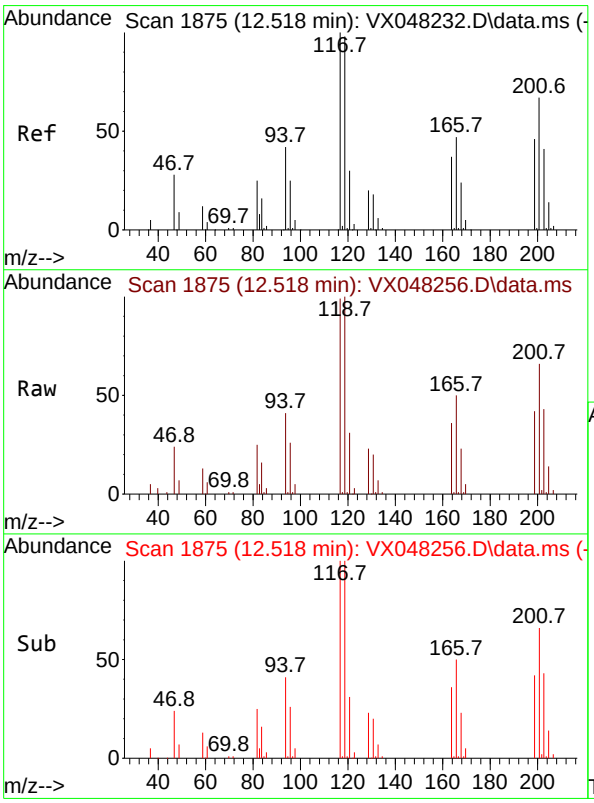
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.9	80.6
134	24.9	12.7	38.1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

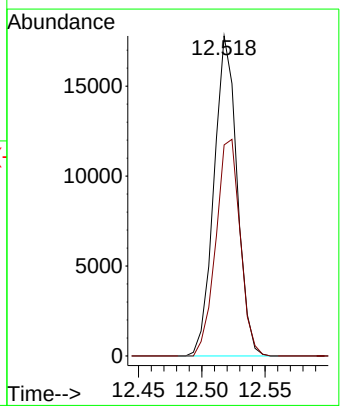


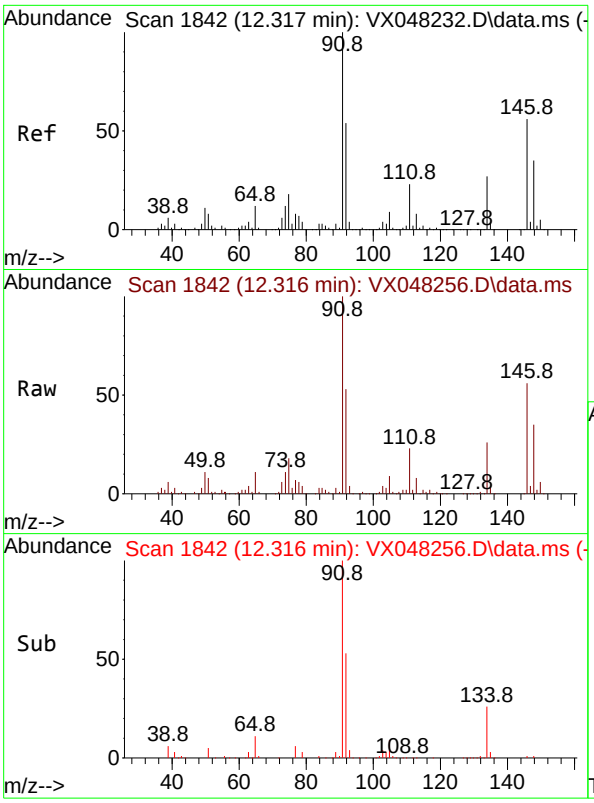


#90
Hexachloroethane
Concen: 17.435 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:117 Resp: 22528

Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.1	102.2

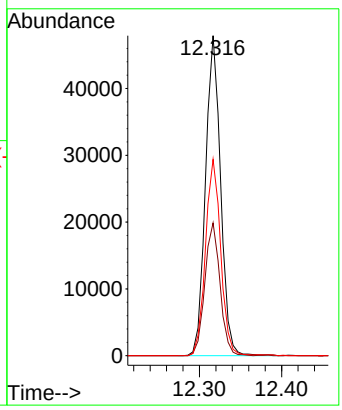




#91
1,2-Dichlorobenzene
Concen: 18.612 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:146 Resp: 6112

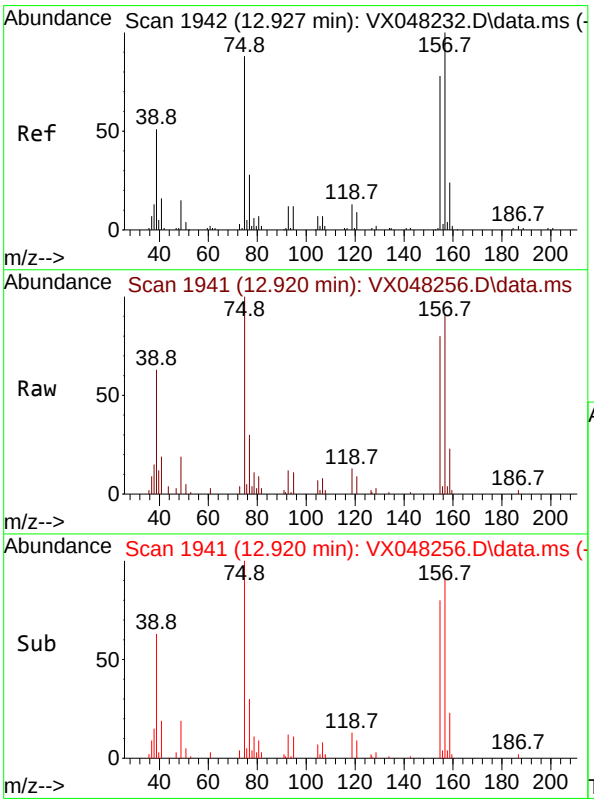
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.9	65.5
148	62.2	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

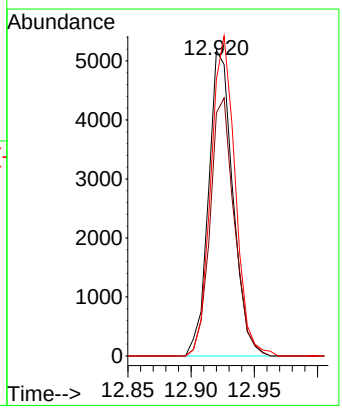
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

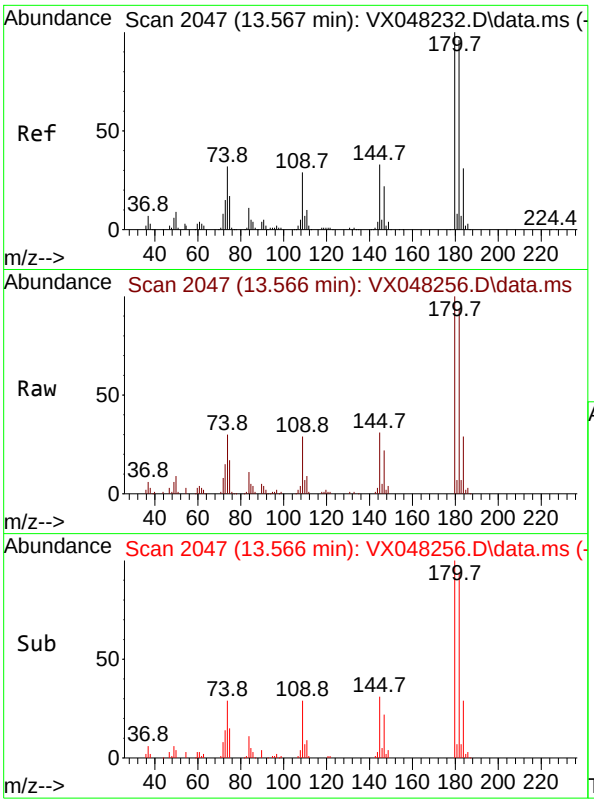


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.899 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 6932

Ion	Ratio	Lower	Upper
75	100		
155	83.9	42.8	128.4
157	104.3	54.2	162.6

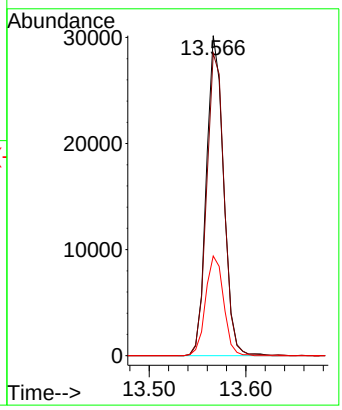




#93
1,2,4-Trichlorobenzene
Concen: 16.758 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:180 Resp: 3721

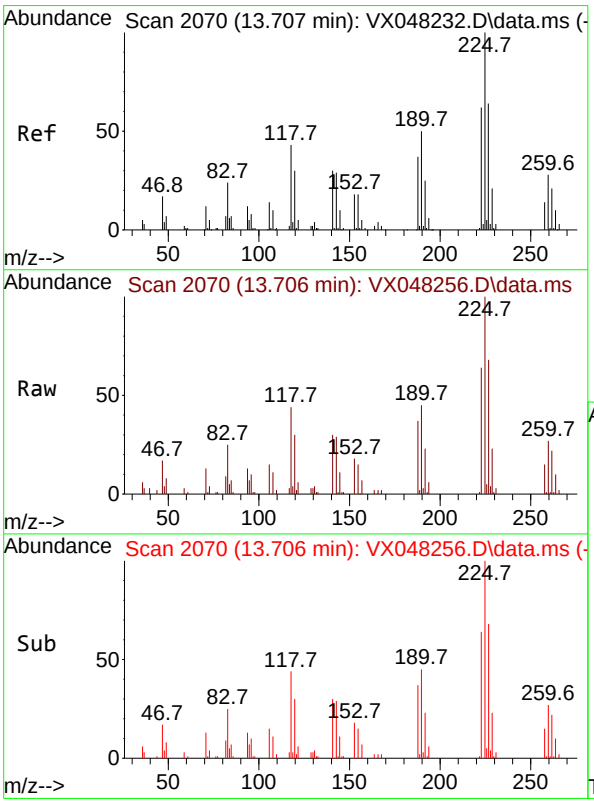
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	32.7	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

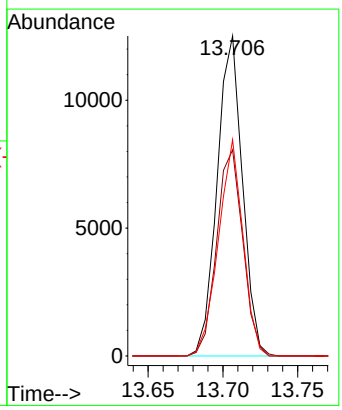
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

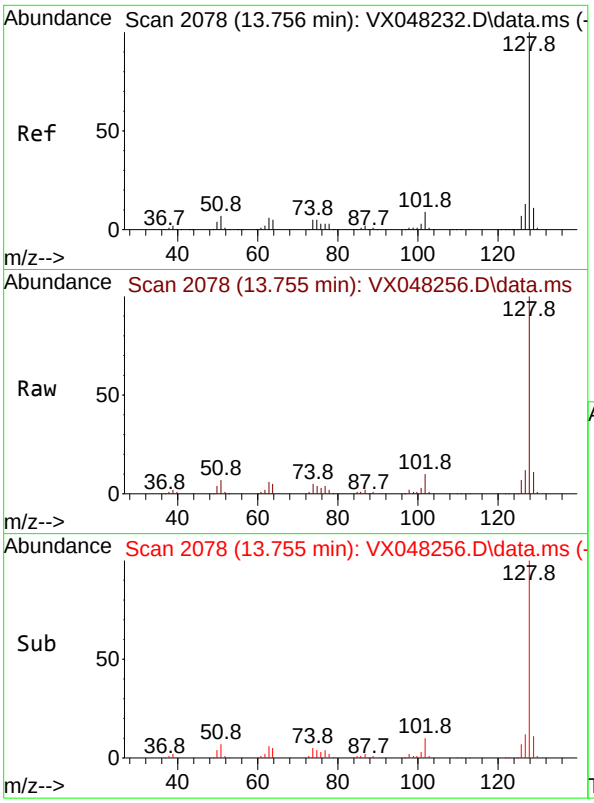


#94
Hexachlorobutadiene
Concen: 17.706 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:225 Resp: 14700

Ion	Ratio	Lower	Upper
225	100		
223	67.0	32.6	97.7
227	65.7	32.5	97.4

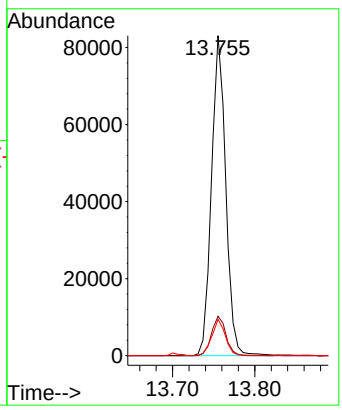




#95
Naphthalene
Concen: 17.005 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:128 Resp: 10005

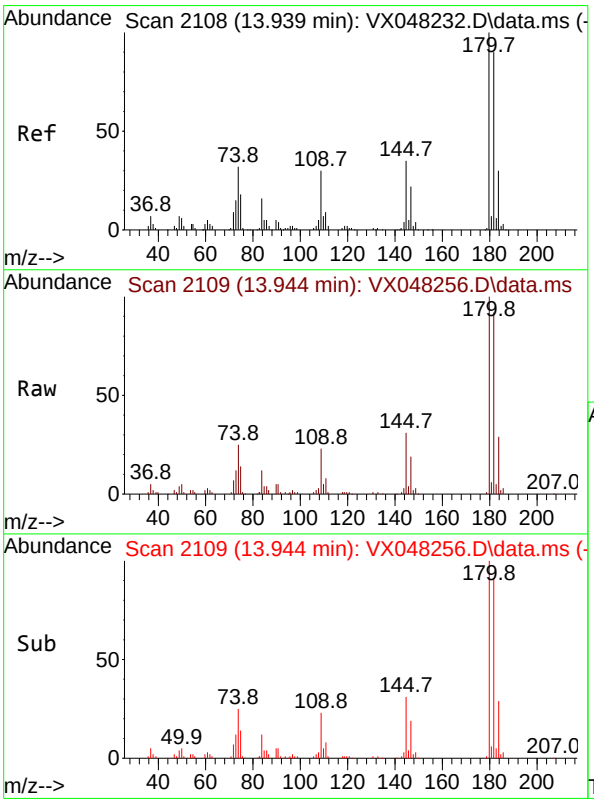
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Manual Integrations
APPROVED

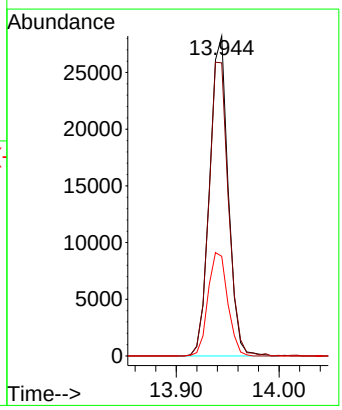
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.277 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:180 Resp: 35212

Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.7
145	34.4	16.9	50.7



Raw Data: **VY023562.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBSD01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	19.0		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
74-87-3	Chloromethane	17.9		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-01-4	Vinyl Chloride	18.8		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
74-83-9	Bromomethane	21.4		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
75-00-3	Chloroethane	19.6		1	1.30	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-69-4	Trichlorofluoromethane	20.3		1	1.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-35-4	1,1-Dichloroethene	20.8		1	1.00	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
67-64-1	Acetone	130		1	4.70	20.0	25.0	ug/Kg	10/24/25 10:14	VY102425
75-15-0	Carbon Disulfide	19.0		1	1.10	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
1634-04-4	Methyl tert-butyl Ether	21.1		1	0.73	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-20-9	Methyl Acetate	17.5		1	1.50	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
75-09-2	Methylene Chloride	19.3		1	3.50	8.00	10.0	ug/Kg	10/24/25 10:14	VY102425
156-60-5	trans-1,2-Dichloroethene	21.1		1	0.86	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-34-3	1,1-Dichloroethane	20.6		1	0.80	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
110-82-7	Cyclohexane	19.2		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
78-93-3	2-Butanone	120		1	6.50	20.0	25.0	ug/Kg	10/24/25 10:14	VY102425
56-23-5	Carbon Tetrachloride	21.4		1	0.97	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
156-59-2	cis-1,2-Dichloroethene	21.7		1	0.75	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
74-97-5	Bromochloromethane	20.0		1	1.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
67-66-3	Chloroform	21.3		1	0.84	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
71-55-6	1,1,1-Trichloroethane	21.2		1	0.93	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-87-2	Methylcyclohexane	20.7		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
71-43-2	Benzene	21.3		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
107-06-2	1,2-Dichloroethane	20.4		1	0.79	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-01-6	Trichloroethene	21.9		1	0.81	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
78-87-5	1,2-Dichloropropane	21.0		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-27-4	Bromodichloromethane	21.6		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	12.5	25.0	ug/Kg	10/24/25 10:14	VY102425
108-88-3	Toluene	21.9		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
10061-02-6	t-1,3-Dichloropropene	21.3		1	0.65	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
10061-01-5	cis-1,3-Dichloropropene	21.8		1	0.62	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-00-5	1,1,2-Trichloroethane	23.0		1	0.92	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
591-78-6	2-Hexanone	120		1	3.70	12.5	25.0	ug/Kg	10/24/25 10:14	VY102425
124-48-1	Dibromochloromethane	22.7		1	0.87	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
106-93-4	1,2-Dibromoethane	22.5		1	0.88	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
127-18-4	Tetrachloroethene	21.3		1	1.10	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
108-90-7	Chlorobenzene	21.9		1	0.91	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
100-41-4	Ethyl Benzene	21.5		1	0.67	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
179601-23-1	m/p-Xylenes	44.4		1	1.20	5.00	10.0	ug/Kg	10/24/25 10:14	VY102425
95-47-6	o-Xylene	22.0		1	0.82	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
100-42-5	Styrene	21.9		1	0.71	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
75-25-2	Bromoform	22.6		1	0.86	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425

Raw Data: **VY023562.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:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY1024SBSD01	SDG No.:	Q3413
Lab Sample ID:	VY1024SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.8		1	0.78	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1	1.20	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
541-73-1	1,3-Dichlorobenzene	22.0		1	1.70	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
106-46-7	1,4-Dichlorobenzene	21.8		1	1.60	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
95-50-1	1,2-Dichlorobenzene	22.3		1	1.50	2.50	5.00	ug/Kg	10/24/25 10:14	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	22.0		1	1.80	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
120-82-1	1,2,4-Trichlorobenzene	21.9		1	3.00	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
87-61-6	1,2,3-Trichlorobenzene	21.4		1	3.20	4.00	5.00	ug/Kg	10/24/25 10:14	VY102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	44.4			71 - 136		89%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.4			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	47.6			85 - 116		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.8			79 - 119		96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	537000								
540-36-3	1,4-Difluorobenzene	784000								
3114-55-4	Chlorobenzene-d5	687000								
3855-82-1	1,4-Dichlorobenzene-d4	361000								

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\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	536786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	783587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	686581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199332	44.408	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.820%			
35) Dibromofluoromethane	7.634	113	237654	49.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.109	98	853846	47.619	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.240%			
62) 4-Bromofluorobenzene	12.402	95	282869	47.784	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	73403	18.998	ug/l	97
3) Chloromethane	2.074	50	94123	17.883	ug/l	99
4) Vinyl Chloride	2.208	62	128692	18.772	ug/l	99
5) Bromomethane	2.592	94	123016	21.383	ug/l	100
6) Chloroethane	2.733	64	91499	19.580	ug/l	99
7) Trichlorofluoromethane	3.056	101	193303	20.308	ug/l	98
8) Diethyl Ether	3.458	74	53195	21.387	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	104696	21.196	ug/l	98
10) Methyl Iodide	4.007	142	113792	20.694	ug/l	97
11) Tert butyl alcohol	4.860	59	36821	110.265	ug/l	97
12) 1,1-Dichloroethene	3.793	96	99711	20.824	ug/l	96
13) Acrolein	3.647	56	24350	51.605	ug/l	99
14) Allyl chloride	4.385	41	108412	18.578	ug/l	97
15) Acrylonitrile	5.061	53	94812	99.605	ug/l	99
16) Acetone	3.873	43	141337	132.262	ug/l	98
17) Carbon Disulfide	4.104	76	260295	18.993	ug/l	99
18) Methyl Acetate	4.391	43	48921	17.452	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	243330	21.144	ug/l	99
20) Methylene Chloride	4.623	84	111608	19.315	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	111012	21.058	ug/l	98
22) Diisopropyl ether	6.025	45	259309	20.089	ug/l	99
23) Vinyl Acetate	5.964	43	706151	101.069	ug/l	96
24) 1,1-Dichloroethane	5.921	63	176426	20.634	ug/l	99
25) 2-Butanone	6.896	43	153481	117.645	ug/l	95
26) 2,2-Dichloropropane	6.884	77	168220	21.441	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	132133	21.699	ug/l	95
28) Bromochloromethane	7.244	49	63974	20.042	ug/l	91
29) Tetrahydrofuran	7.262	42	71418	96.536	ug/l	94
30) Chloroform	7.427	83	199992	21.289	ug/l	100
31) Cyclohexane	7.701	56	143461	19.213	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	181103	21.213	ug/l	98
36) 1,1-Dichloropropene	7.835	75	134460	21.094	ug/l	99
37) Ethyl Acetate	6.988	43	51097	20.234	ug/l	97
38) Carbon Tetrachloride	7.817	117	165067	21.356	ug/l	97
39) Methylcyclohexane	9.110	83	171472	20.661	ug/l	97
40) Benzene	8.079	78	429319	21.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.238	41	27166m	19.890 ug/l		
42) 1,2-Dichloroethane	8.158	62	106025	20.365 ug/l		97
43) Isopropyl Acetate	8.201	43	101137	20.085 ug/l	#	84
44) Trichloroethene	8.866	130	129117	21.853 ug/l		100
45) 1,2-Dichloropropane	9.140	63	93853	21.049 ug/l		97
46) Dibromomethane	9.231	93	61356	21.762 ug/l		96
47) Bromodichloromethane	9.420	83	153350	21.596 ug/l		99
48) Methyl methacrylate	9.219	41	43837	18.531 ug/l		86
49) 1,4-Dioxane	9.225	88	13942	426.504 ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	269342	103.526 ug/l		98
52) Toluene	10.170	92	287505	21.935 ug/l		98
53) t-1,3-Dichloropropene	10.396	75	131216	21.252 ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	158569	21.760 ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	87086	22.969 ug/l		96
56) Ethyl methacrylate	10.439	69	92237	21.090 ug/l		94
57) 1,3-Dichloropropane	10.719	76	132832	22.110 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	197494	100.804 ug/l		97
59) 2-Hexanone	10.762	43	217078	116.754 ug/l		97
60) Dibromochloromethane	10.914	129	120798	22.725 ug/l		98
61) 1,2-Dibromoethane	11.012	107	81298	22.484 ug/l		98
64) Tetrachloroethene	10.646	164	151062	21.309 ug/l		99
65) Chlorobenzene	11.438	112	326646	21.874 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118969	22.357 ug/l		99
67) Ethyl Benzene	11.518	91	519038	21.473 ug/l		98
68) m/p-Xylenes	11.627	106	430825	44.437 ug/l		98
69) o-Xylene	11.950	106	199866	21.978 ug/l		98
70) Styrene	11.969	104	327085	21.872 ug/l		99
71) Bromoform	12.133	173	74587	22.597 ug/l	#	98
73) Isopropylbenzene	12.255	105	517060	21.751 ug/l		99
74) N-amyl acetate	12.066	43	85040	19.917 ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	87273	22.446 ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	60466m	18.999 ug/l		
77) Bromobenzene	12.530	156	139180	22.023 ug/l		97
78) n-propylbenzene	12.591	91	602594	21.905 ug/l		99
79) 2-Chlorotoluene	12.676	91	347665	21.582 ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	429209	22.344 ug/l		98
81) trans-1,4-Dichloro-2-b...	12.298	75	27474	21.169 ug/l		97
82) 4-Chlorotoluene	12.774	91	360070	21.703 ug/l		98
83) tert-Butylbenzene	12.993	119	398925	22.492 ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	424880	22.163 ug/l		99
85) sec-Butylbenzene	13.170	105	564414	22.184 ug/l		100
86) p-Isopropyltoluene	13.286	119	482314	22.265 ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	271316	22.046 ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	264489	21.761 ug/l		99
89) n-Butylbenzene	13.615	91	410914	21.770 ug/l		99
90) Hexachloroethane	13.877	117	103152	22.140 ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	240455	22.286 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14028	21.989 ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	147428	21.918 ug/l		98
94) Hexachlorobutadiene	15.017	225	91078	21.721 ug/l		99
95) Naphthalene	15.139	128	228739	21.355 ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	124725	21.407 ug/l		99

Sample Results: **VY023562.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

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

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

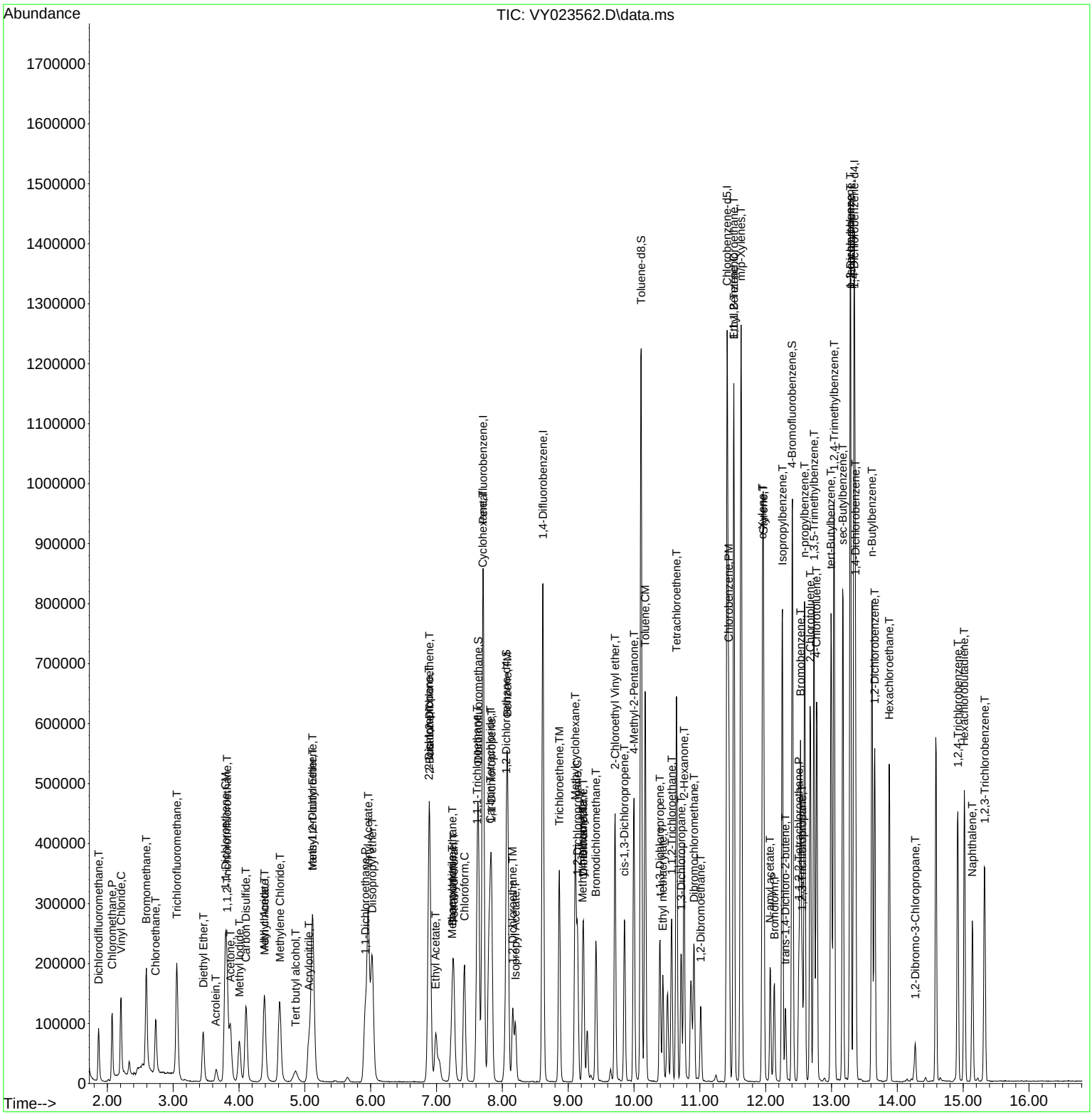
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

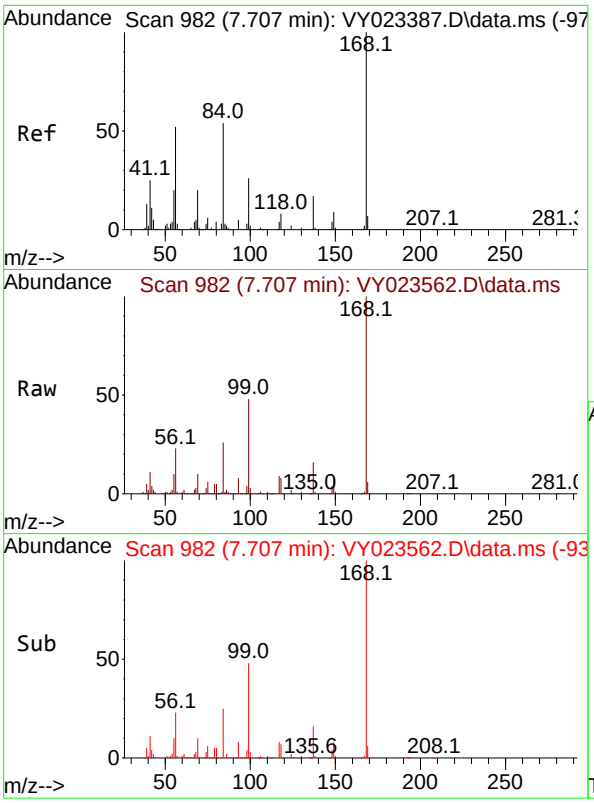
Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

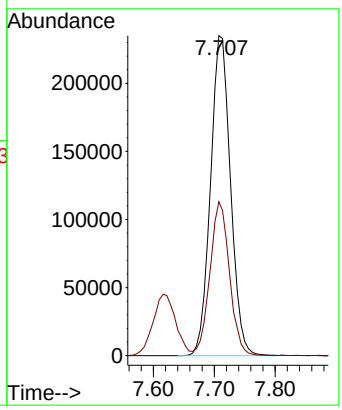




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:168 Resp: 53678

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.7	59.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
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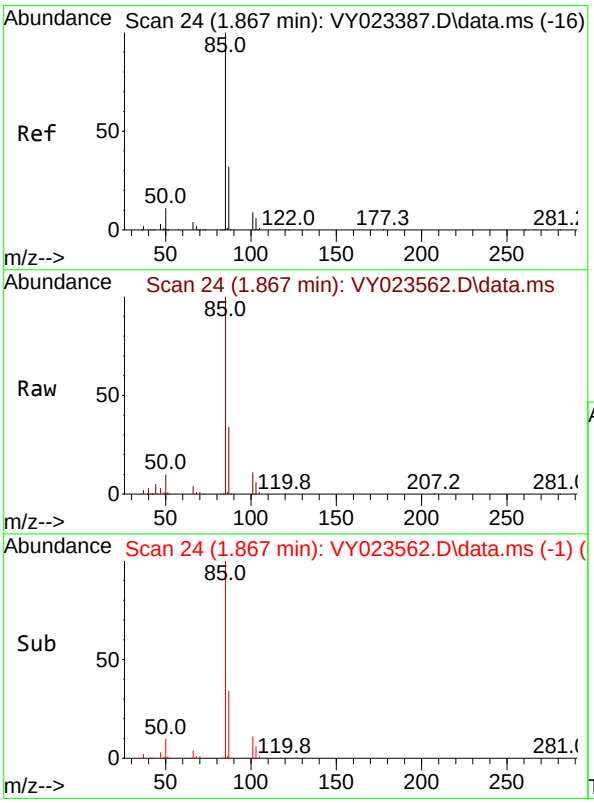
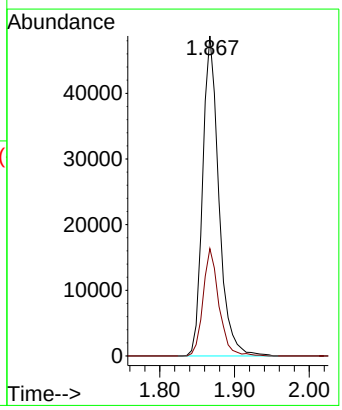
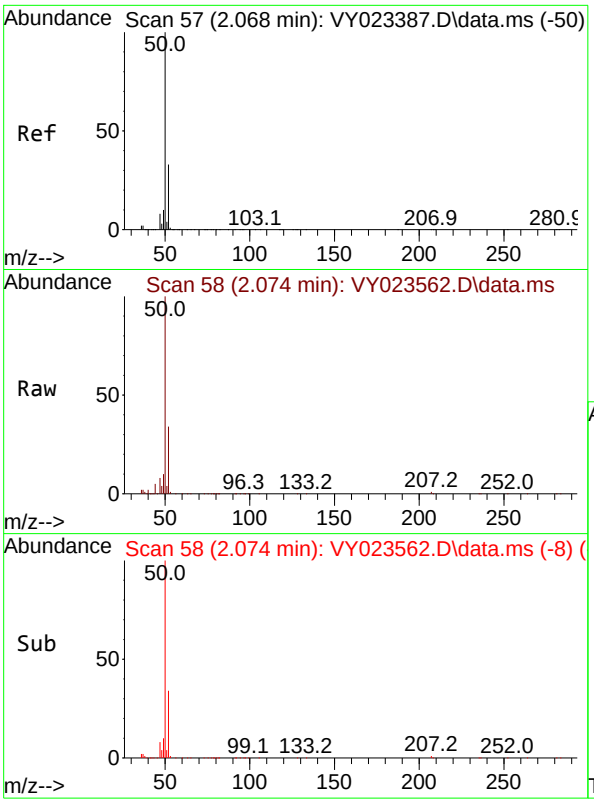


#2
Dichlorodifluoromethane
Concen: 18.998 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 85 Resp: 73403

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.0	47.9

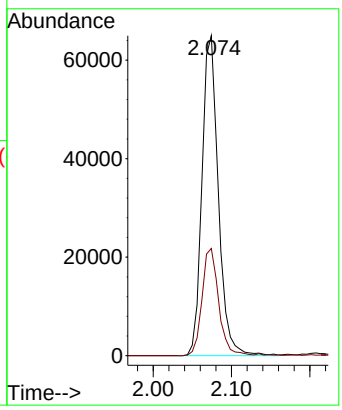




#3
Chloromethane
Concen: 17.883 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 50 Resp: 9412

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.2	39.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

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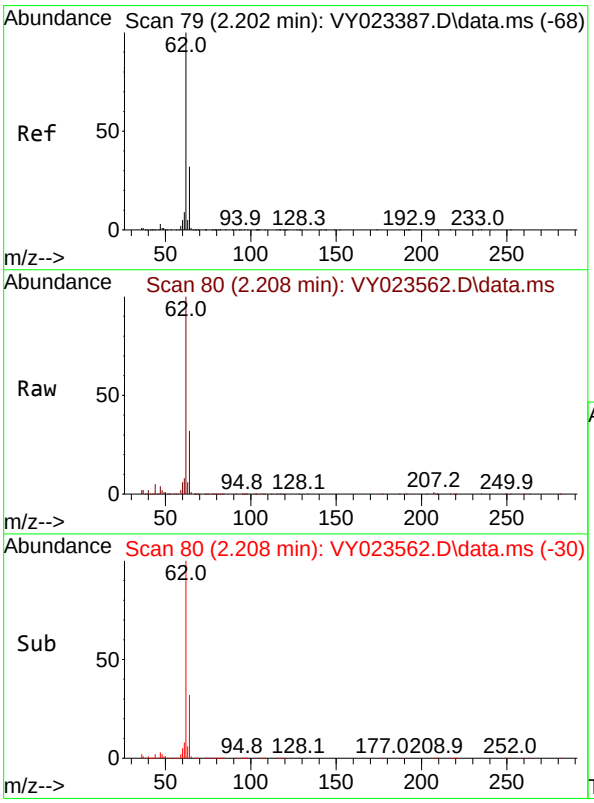
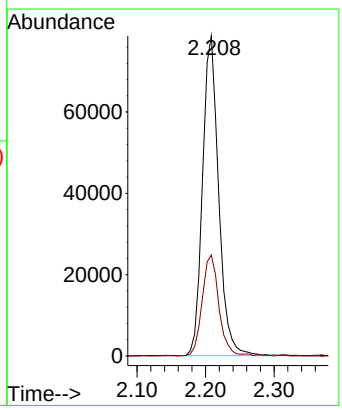
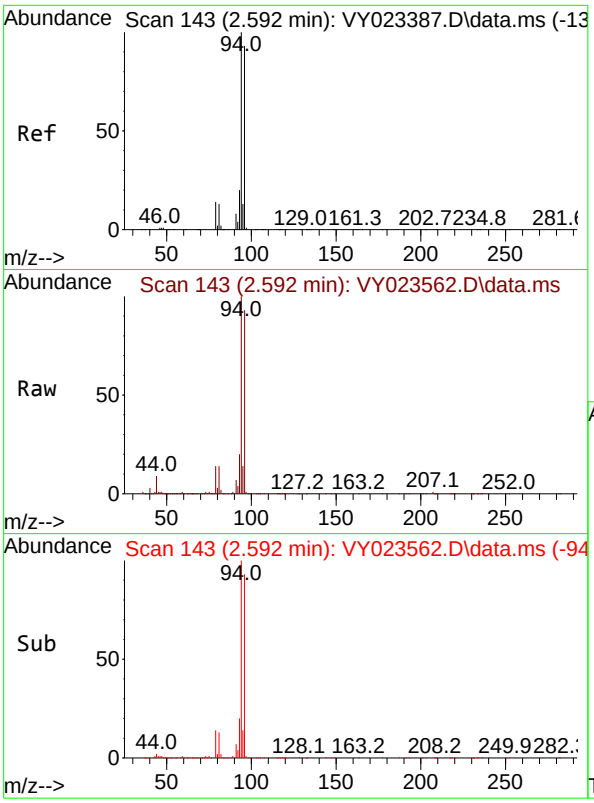


#4
Vinyl Chloride
Concen: 18.772 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 128692

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.8	38.8





#5
Bromomethane
Concen: 21.383 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

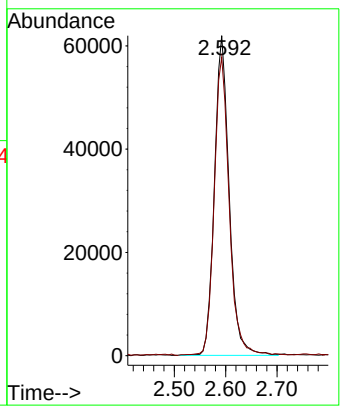
Tgt Ion: 94 Resp: 12301(

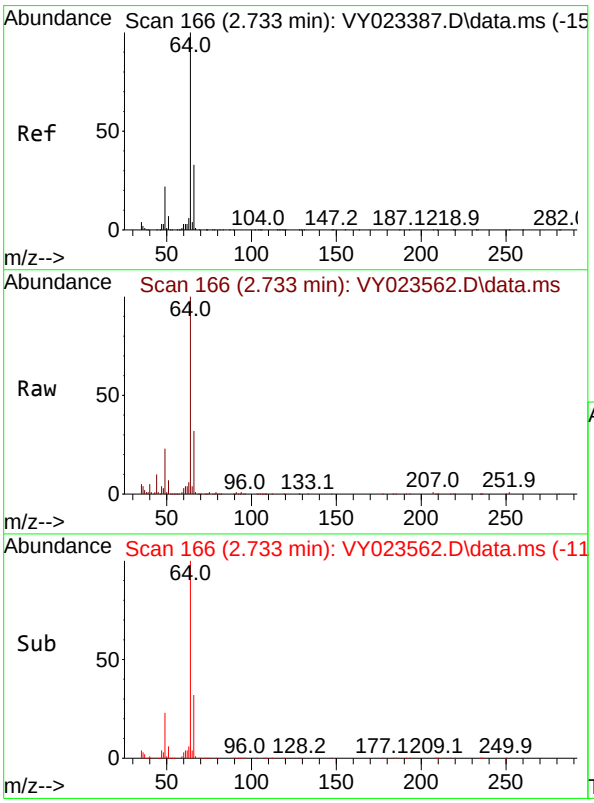
Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.5	111.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

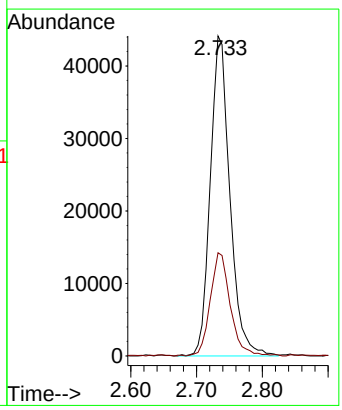


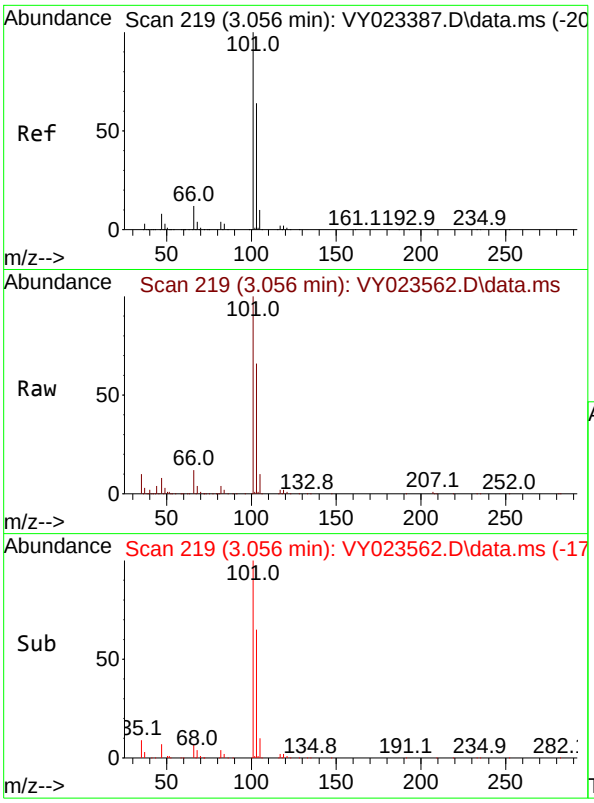


#6
Chloroethane
Concen: 19.580 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 64 Resp: 91499

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4

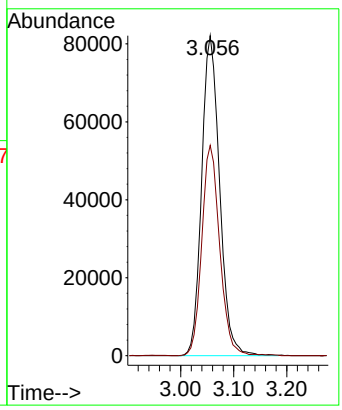




#7
Trichlorofluoromethane
Concen: 20.308 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:101 Resp: 19330

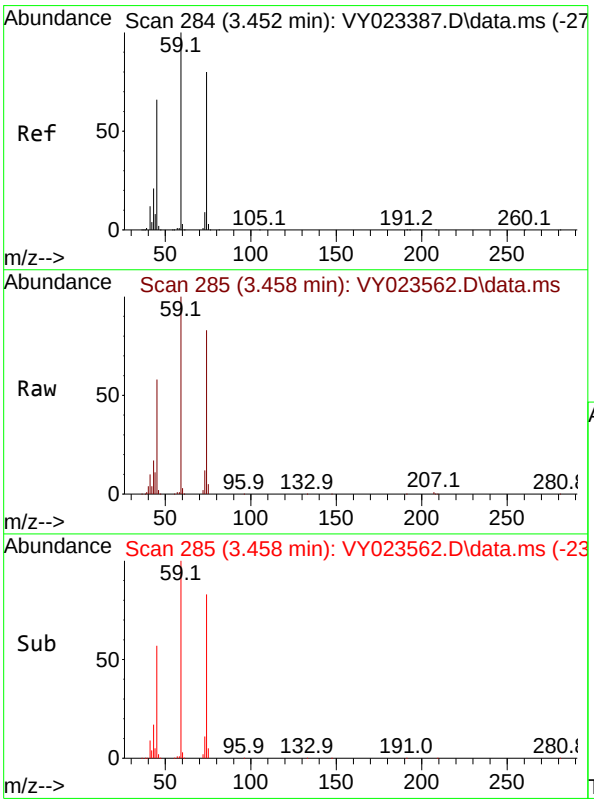
Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.3	76.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

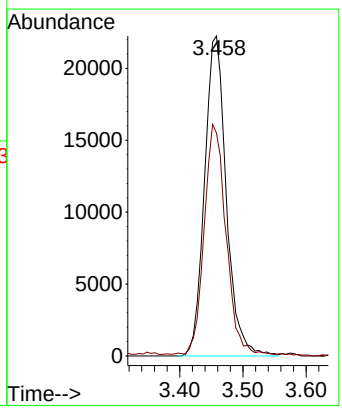
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

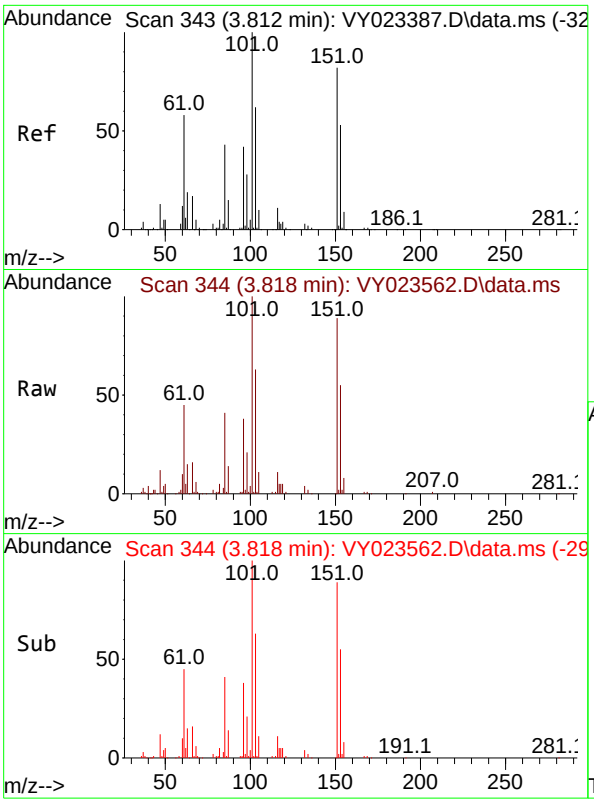


#8
Diethyl Ether
Concen: 21.387 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 74 Resp: 53195

Ion	Ratio	Lower	Upper
74	100		
45	71.8	39.9	119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.196 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:101 Resp: 10469

Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.6	51.8
151	86.6	67.0	100.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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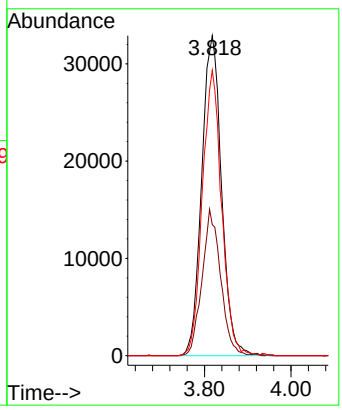
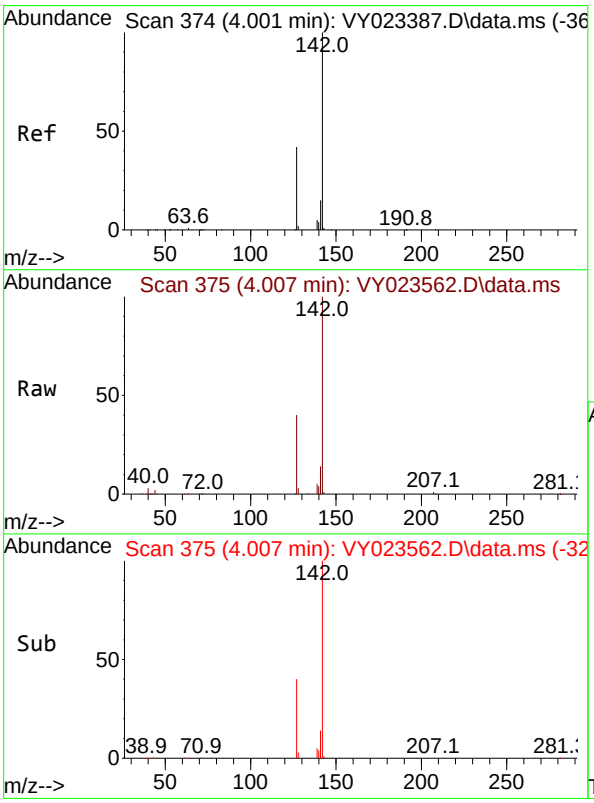
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

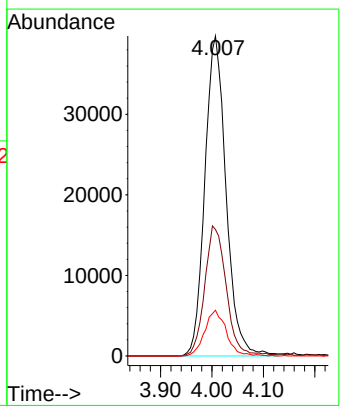


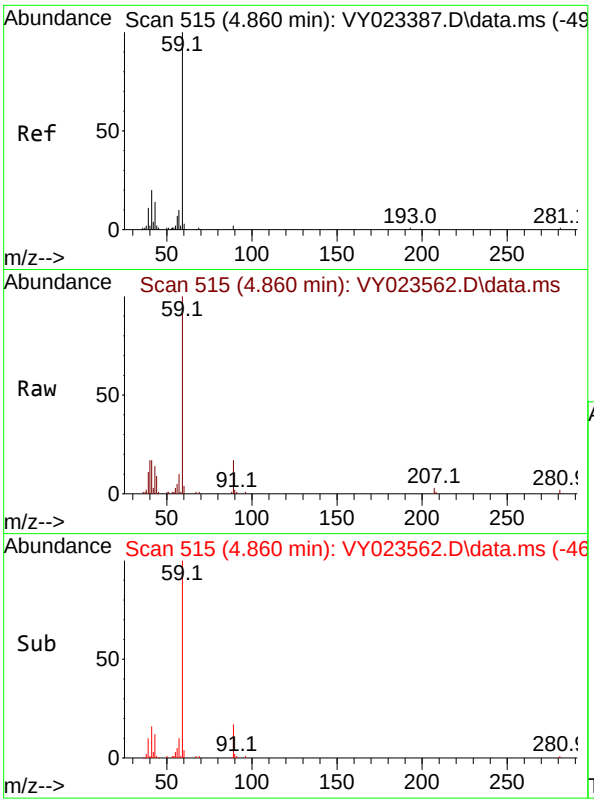


#10
Methyl Iodide
Concen: 20.694 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:142 Resp: 113792

Ion	Ratio	Lower	Upper
142	100		
127	41.3	34.8	52.2
141	14.5	11.6	17.4

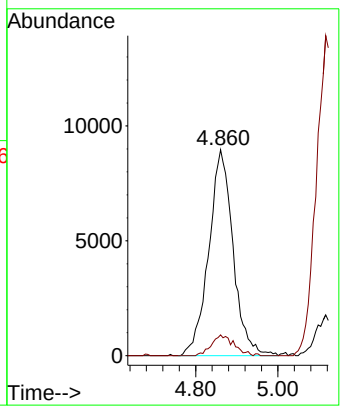




#11
Tert butyl alcohol
Concen: 110.265 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 59 Resp: 3682

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5



Instrument :
MSVOA_Y
ClientSampleId :
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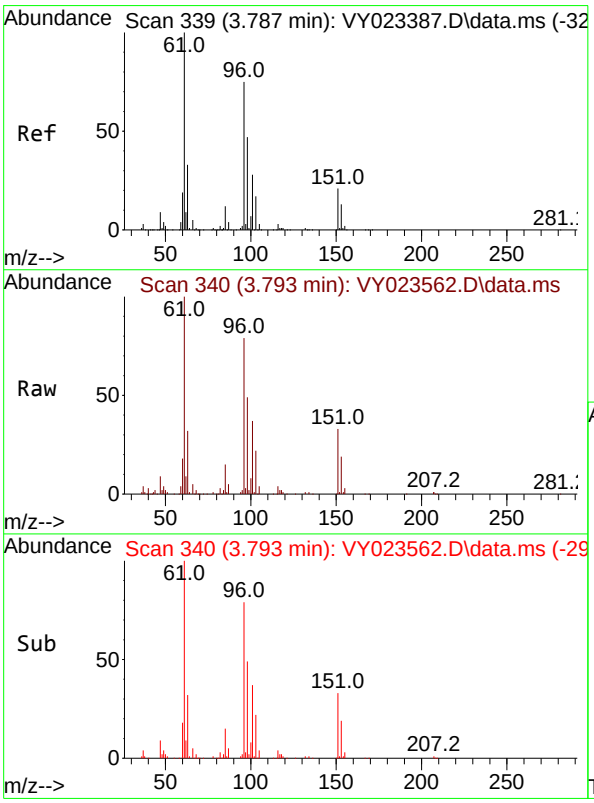
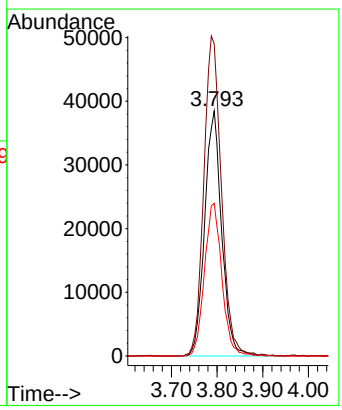
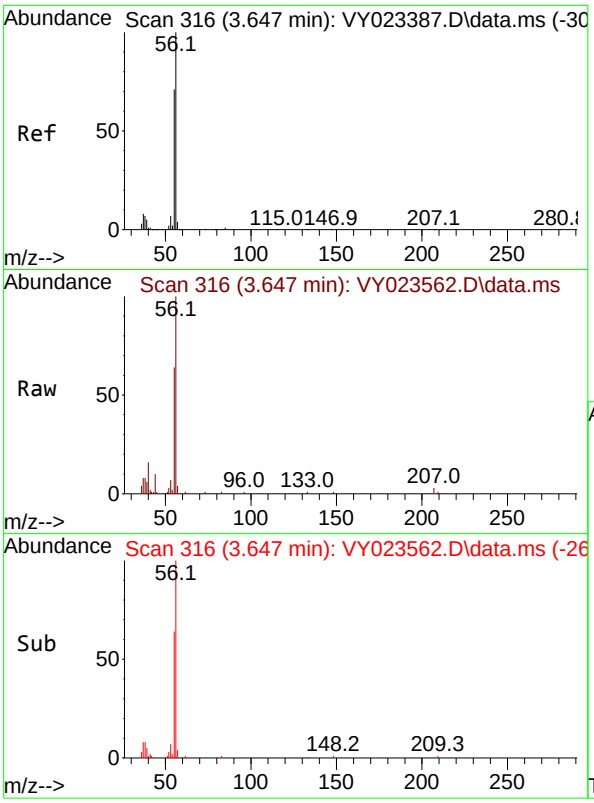


#12
1,1-Dichloroethene
Concen: 20.824 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 96 Resp: 99711

Ion	Ratio	Lower	Upper
96	100		
61	127.3	106.7	160.1
98	62.3	50.2	75.4

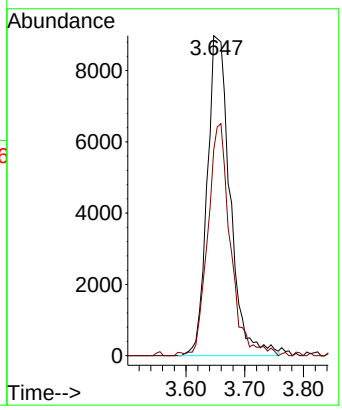




#13
Acrolein
Concen: 51.605 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 56 Resp: 2435

Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.1	84.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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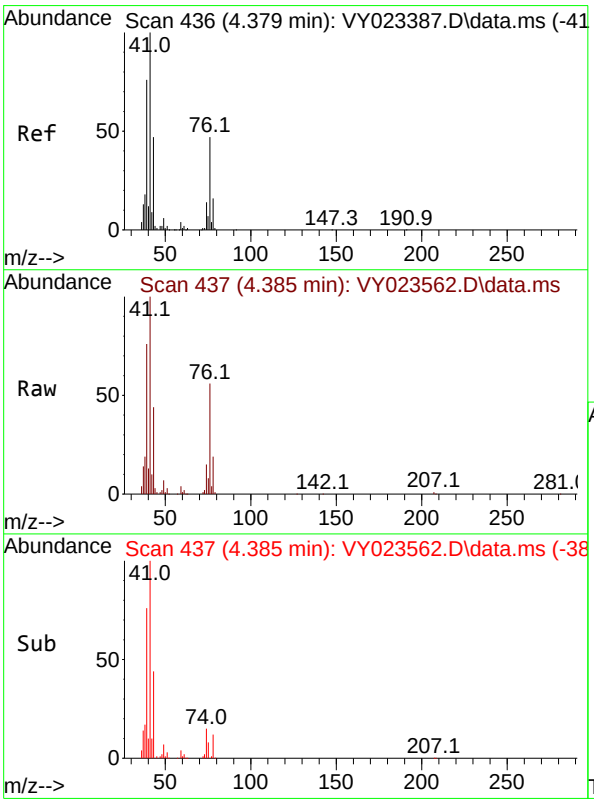
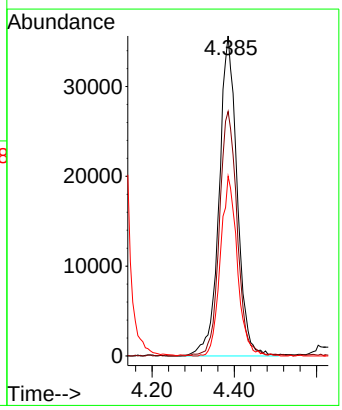
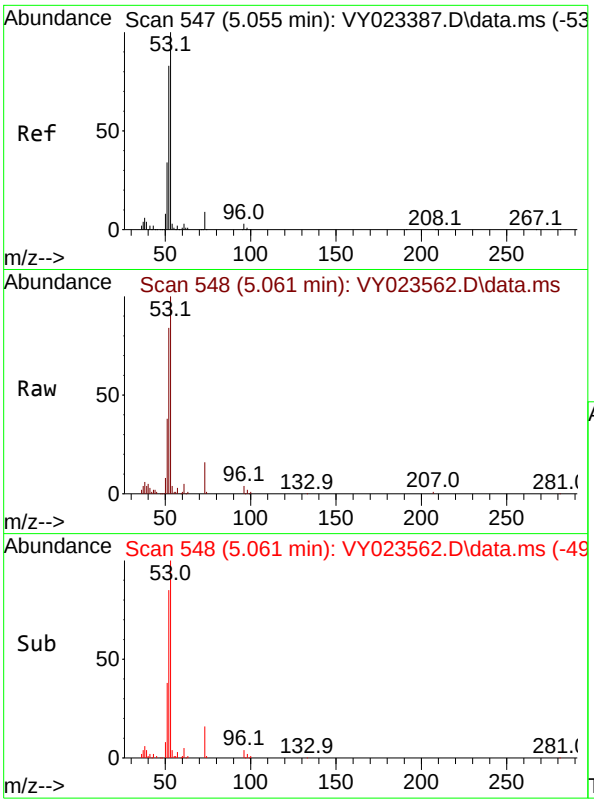


#14
Allyl chloride
Concen: 18.578 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 108412

Ion	Ratio	Lower	Upper
41	100		
39	75.4	59.9	89.9
76	52.6	38.0	57.0





#15
Acrylonitrile
Concen: 99.605 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 53 Resp: 9481

Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.6	97.0
51	35.8	29.5	44.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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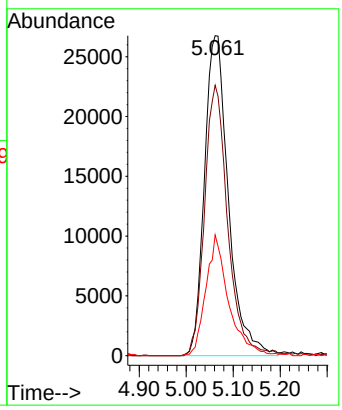
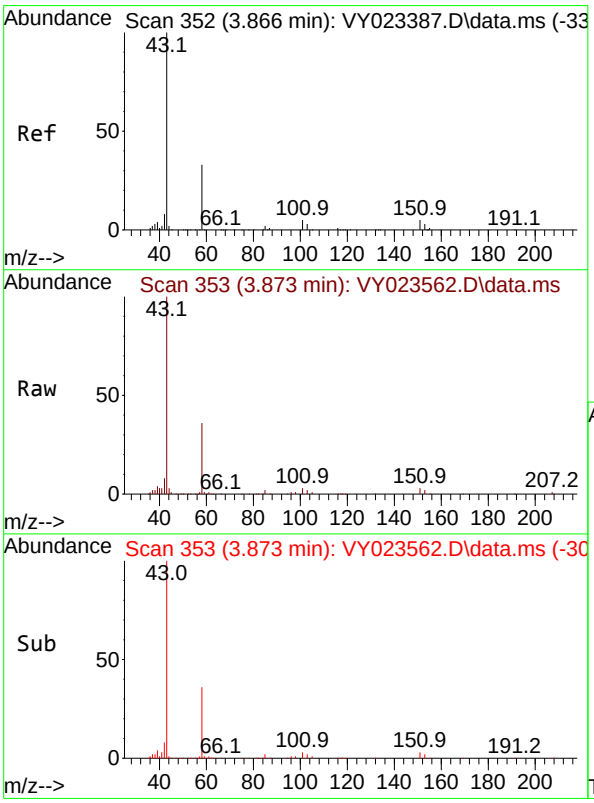
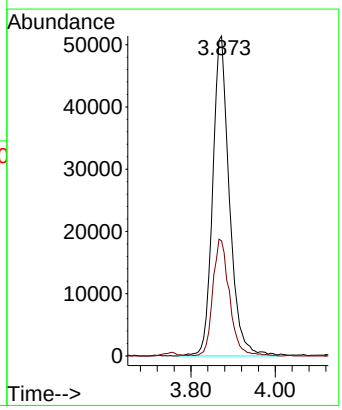


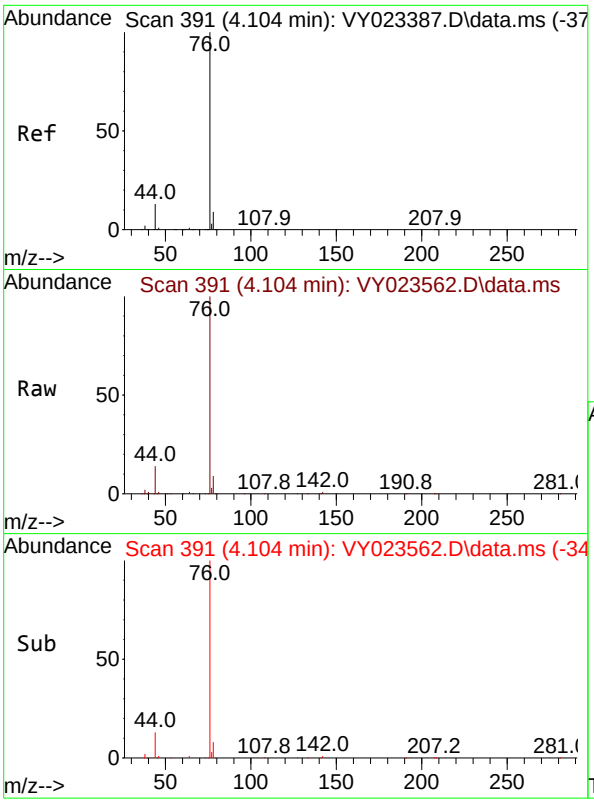


#16
Acetone
Concen: 132.262 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 141337

Ion	Ratio	Lower	Upper
43	100		
58	35.9	27.7	41.5

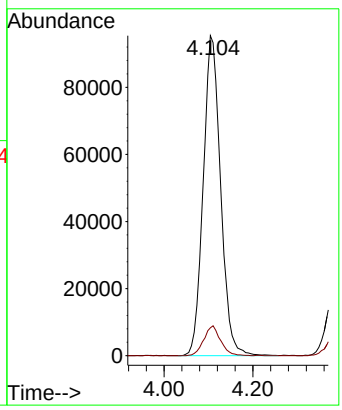




#17
Carbon Disulfide
Concen: 18.993 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 76 Resp: 26029

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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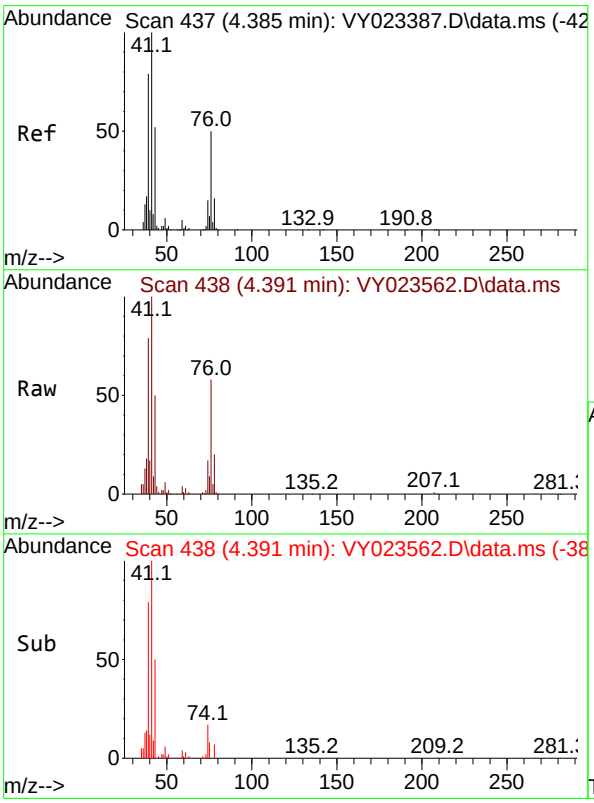
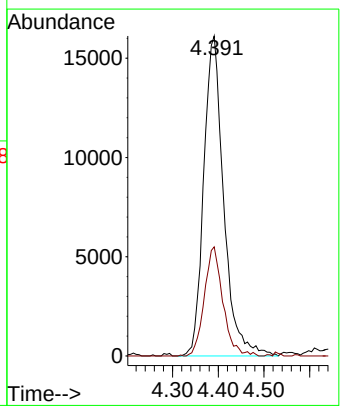
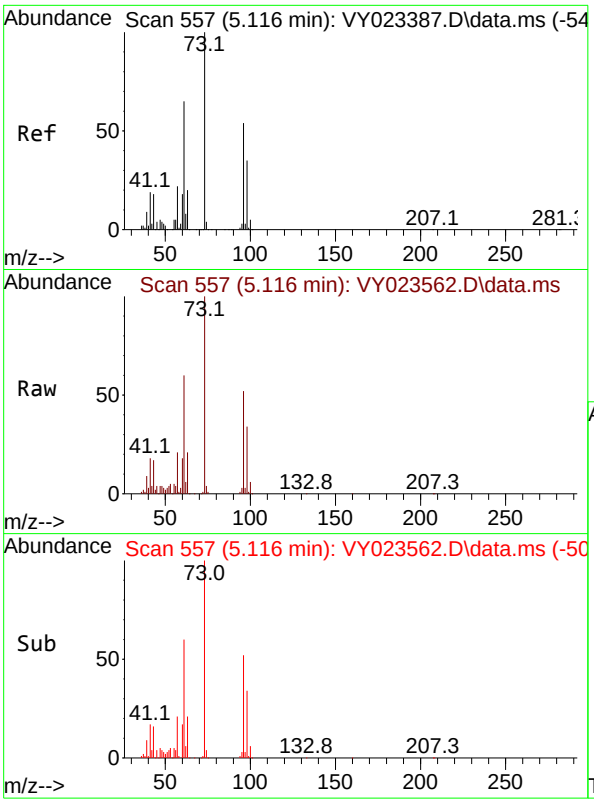


#18
Methyl Acetate
Concen: 17.452 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 48921

Ion	Ratio	Lower	Upper
43	100		
74	31.7	24.2	36.4

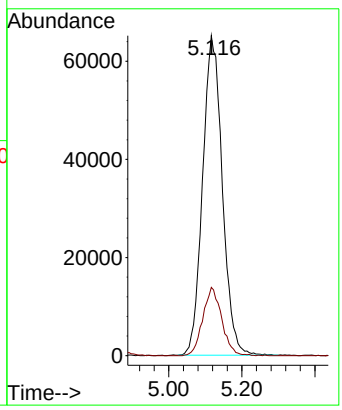




#19
Methyl tert-butyl Ether
Concen: 21.144 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 73 Resp: 24333

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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Reviewed By :Amit Patel 10/27/2025
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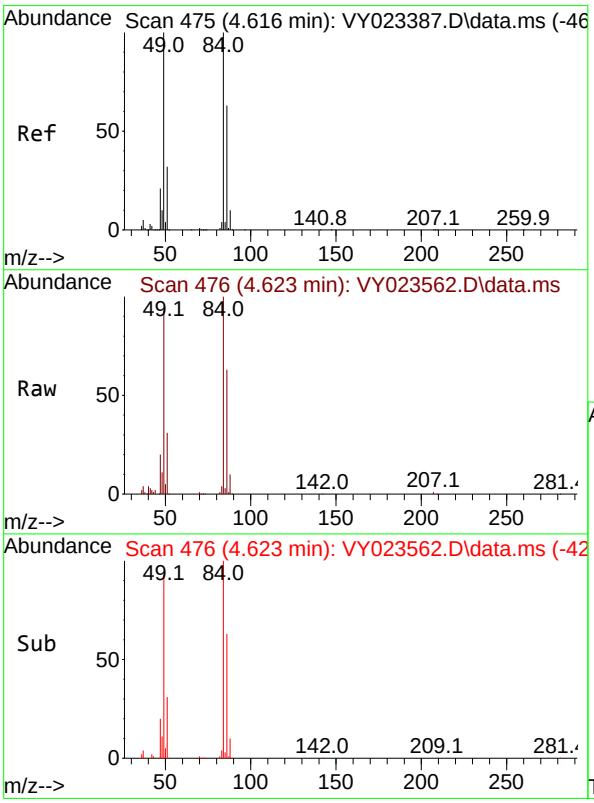
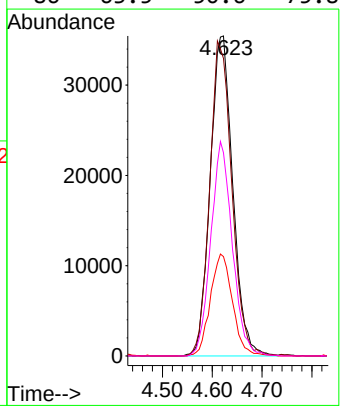
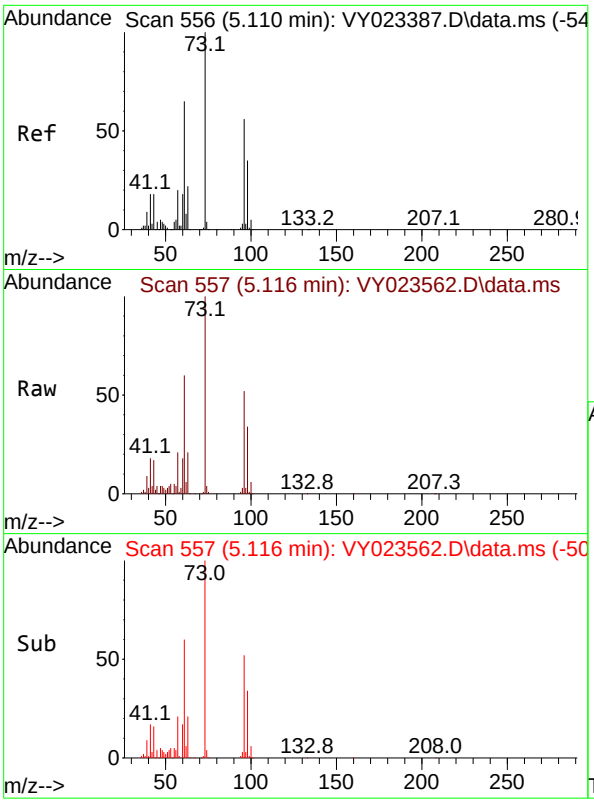


#20
Methylene Chloride
Concen: 19.315 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 84 Resp: 111608

Ion	Ratio	Lower	Upper
84	100		
49	93.0	80.2	120.4
51	31.1	25.9	38.9
86	63.5	50.6	75.8





#21
trans-1,2-Dichloroethene
Concen: 21.058 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 96 Resp: 11101

Ion	Ratio	Lower	Upper
96	100		
61	114.6	92.7	139.1
98	65.6	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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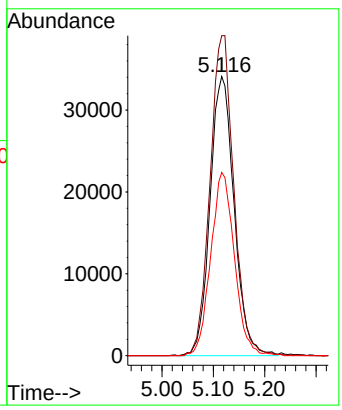
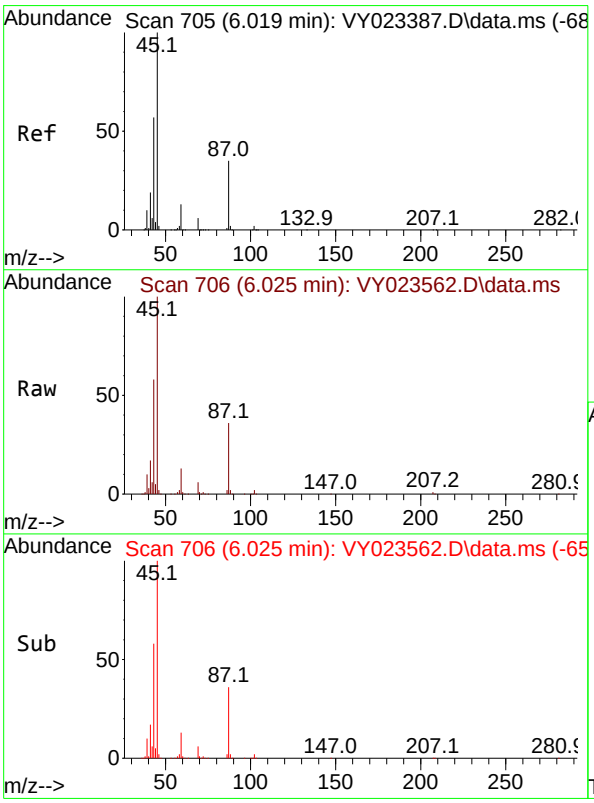
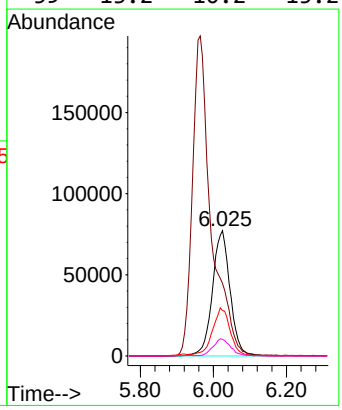


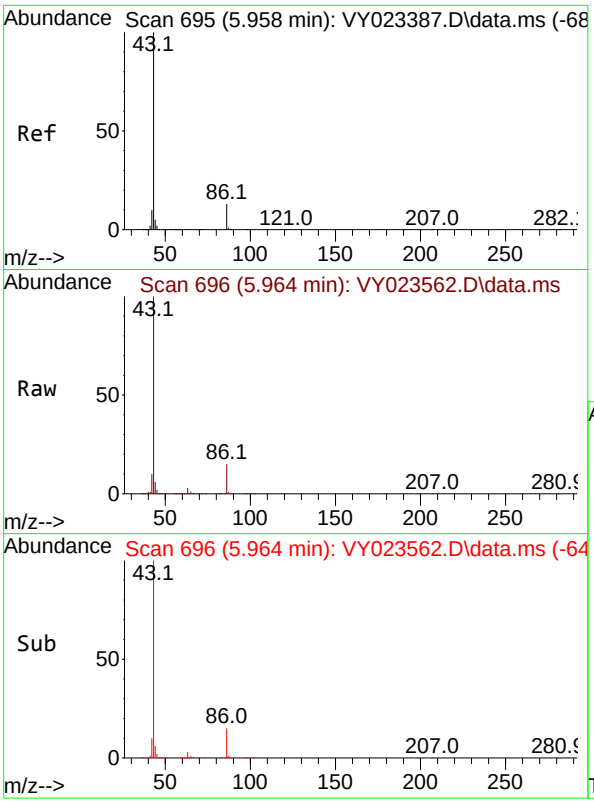


#22
Diisopropyl ether
Concen: 20.089 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 45 Resp: 259309

Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	36.3	28.1	42.1
59	13.2	10.2	15.2





#23
Vinyl Acetate
Concen: 101.069 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 70615

Ion	Ratio	Lower	Upper
43	100		
86	14.9	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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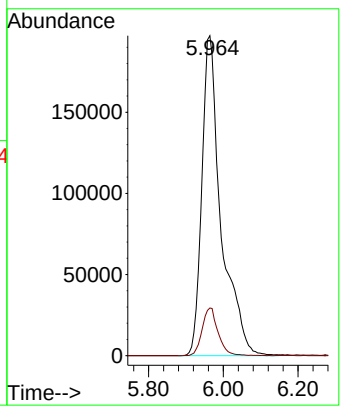
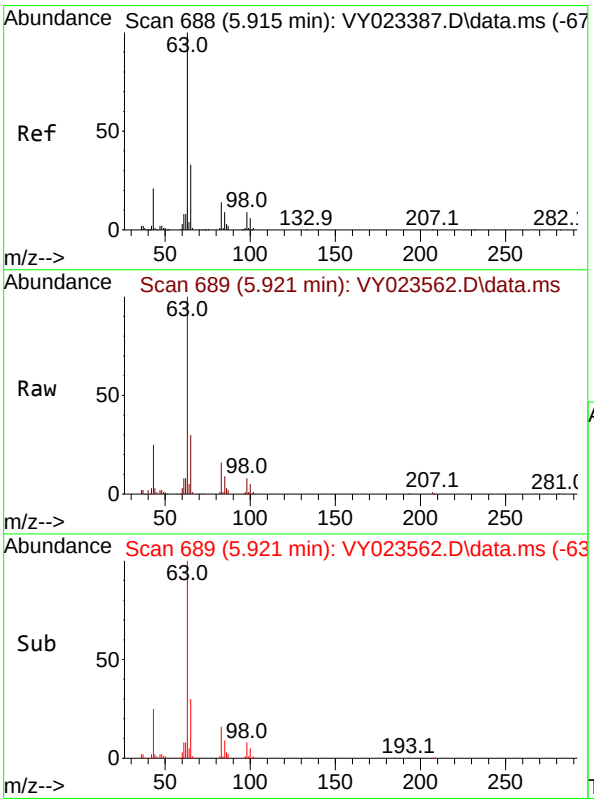
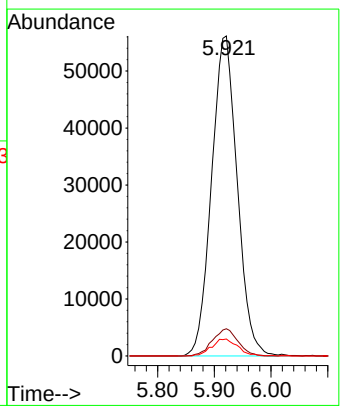


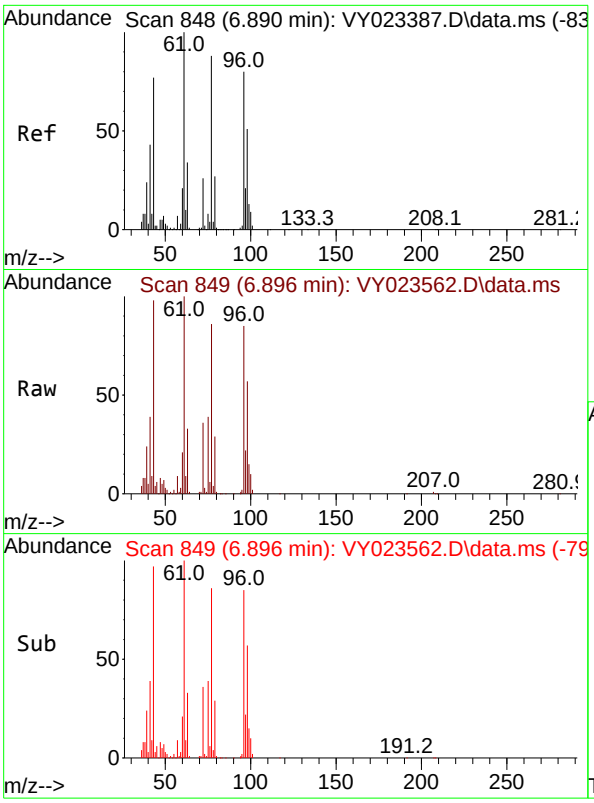


#24
1,1-Dichloroethane
Concen: 20.634 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 176426

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.3	13.1
100	5.3	2.8	8.4





#25
2-Butanone
Concen: 117.645 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 15348

Ion	Ratio	Lower	Upper
43	100		
72	37.3	27.4	41.2

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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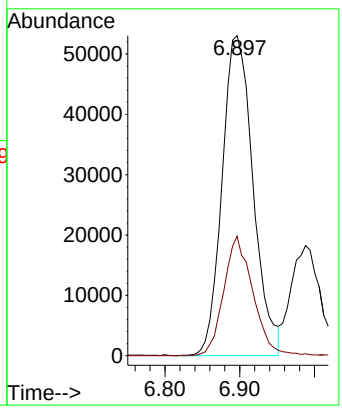
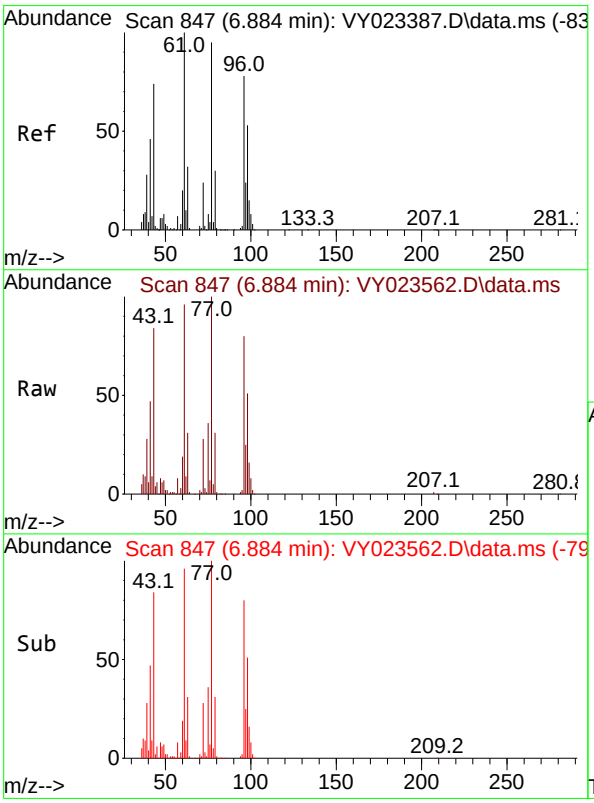
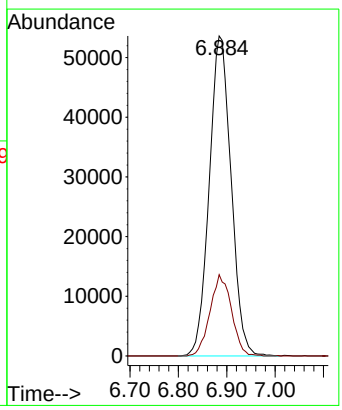


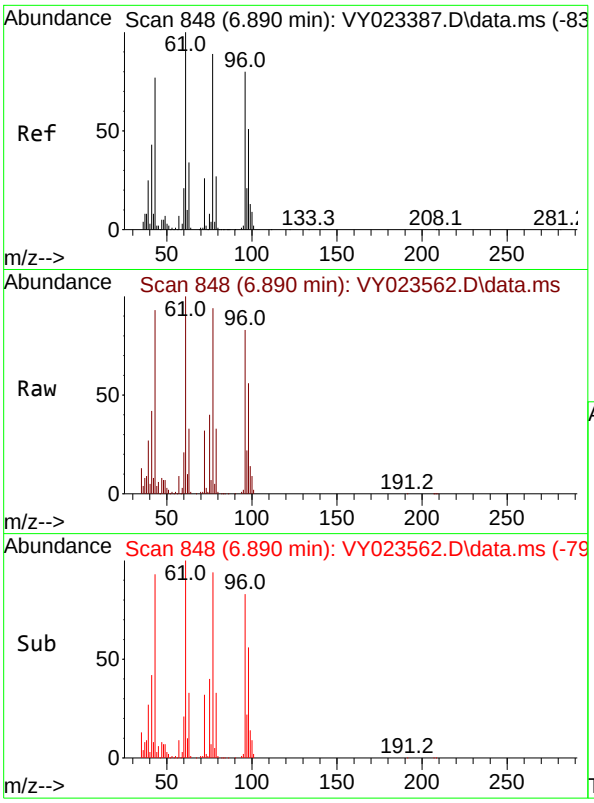


#26
2,2-Dichloropropane
Concen: 21.441 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 77 Resp: 168220

Ion	Ratio	Lower	Upper
77	100		
97	24.9	12.1	36.3





#27
cis-1,2-Dichloroethene
Concen: 21.699 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 96 Resp: 13213

Ion	Ratio	Lower	Upper
96	100		
61	121.1	0.0	258.2
98	65.4	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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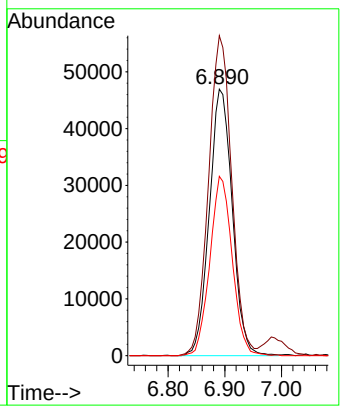
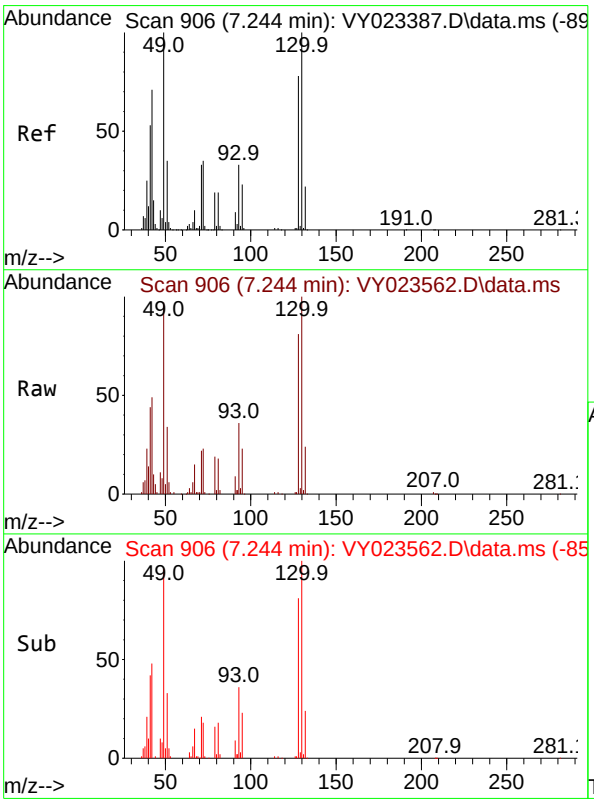
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

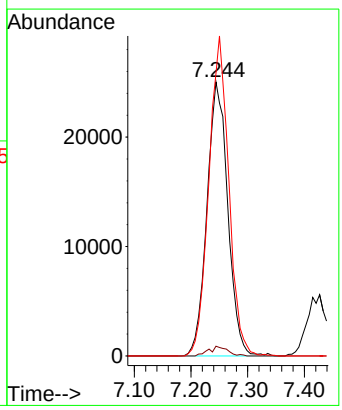


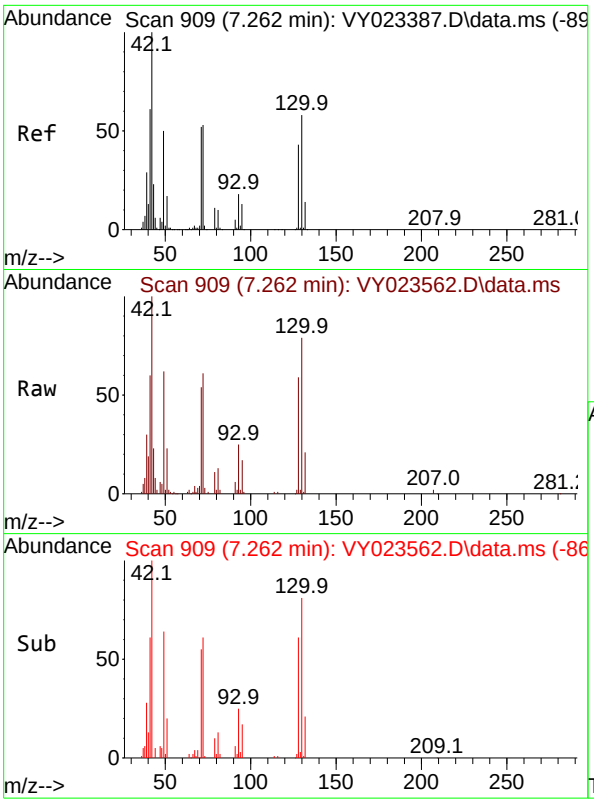


#28
Bromochloromethane
Concen: 20.042 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 49 Resp: 63974

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	111.9	81.9	122.9

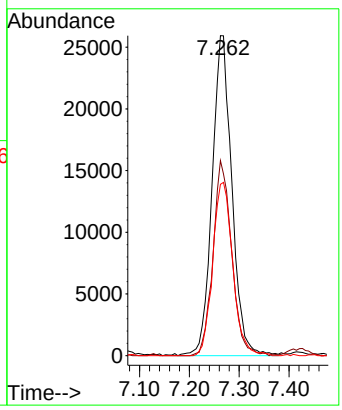




#29
Tetrahydrofuran
Concen: 96.536 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 42 Resp: 7141(

Ion	Ratio	Lower	Upper
42	100		
72	57.6	43.0	64.6
71	54.9	40.1	60.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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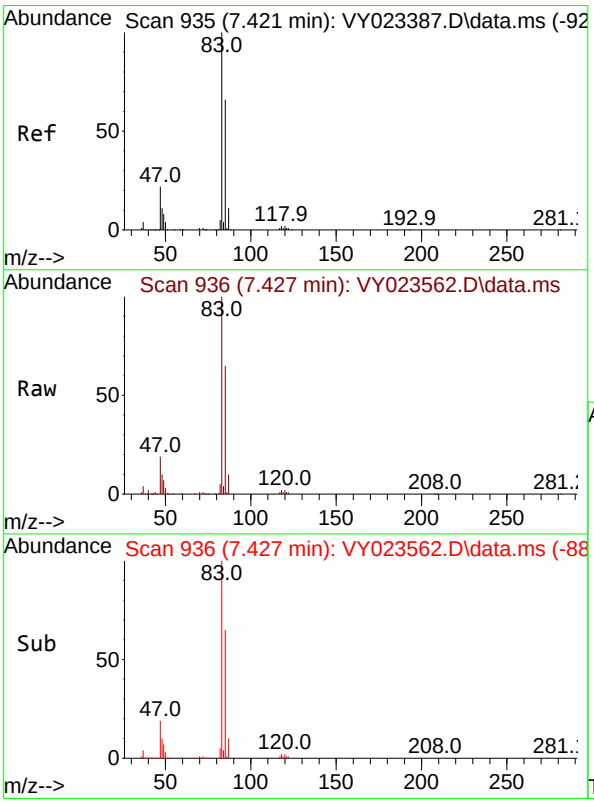
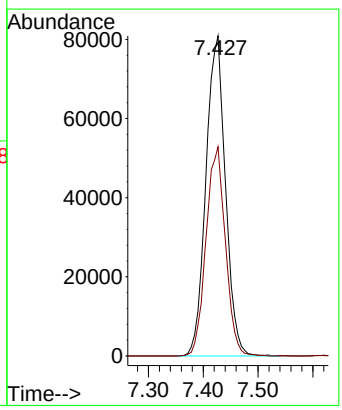
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

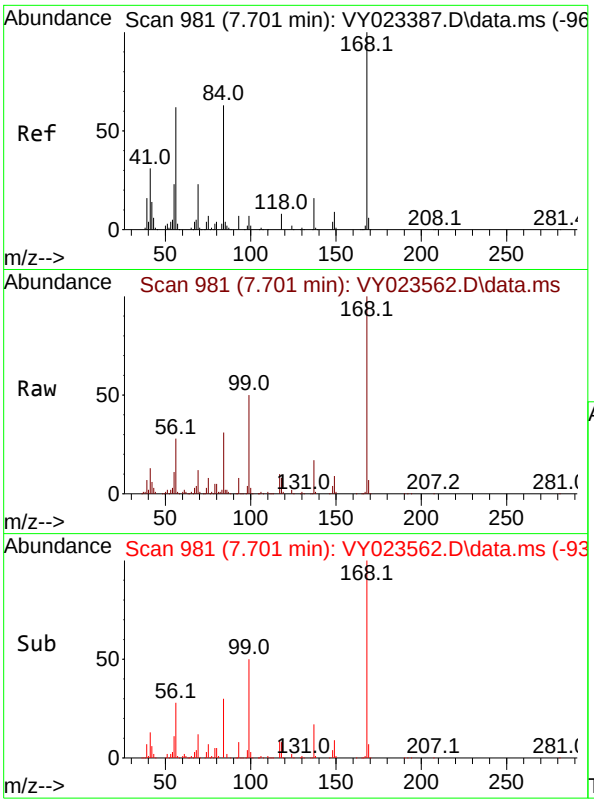


#30
Chloroform
Concen: 21.289 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 199992

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7





#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 56 Resp: 14346

Ion	Ratio	Lower	Upper
56	100		
69	40.7	30.0	45.0
84	107.4	81.2	121.8

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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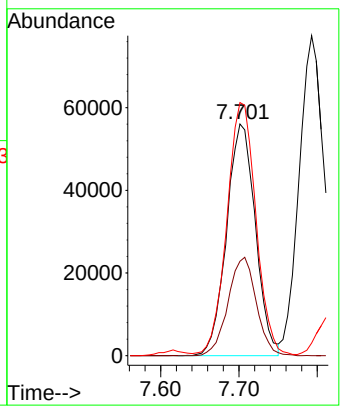
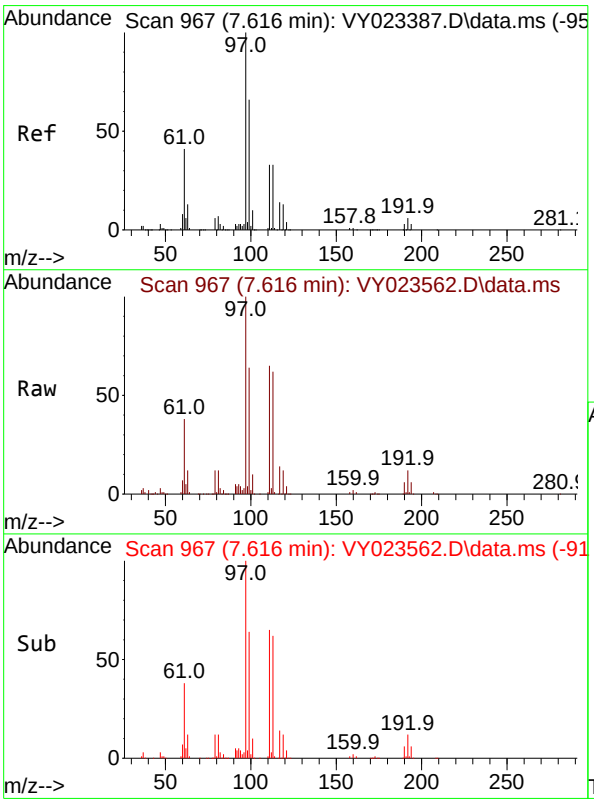
Supervised By :Mahesh Dadoda 10/27/2025

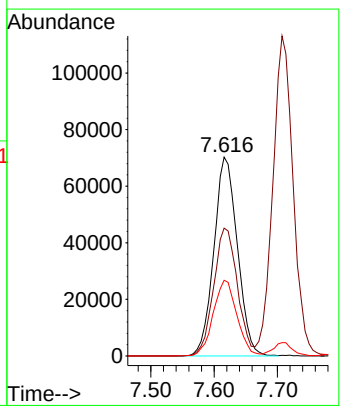


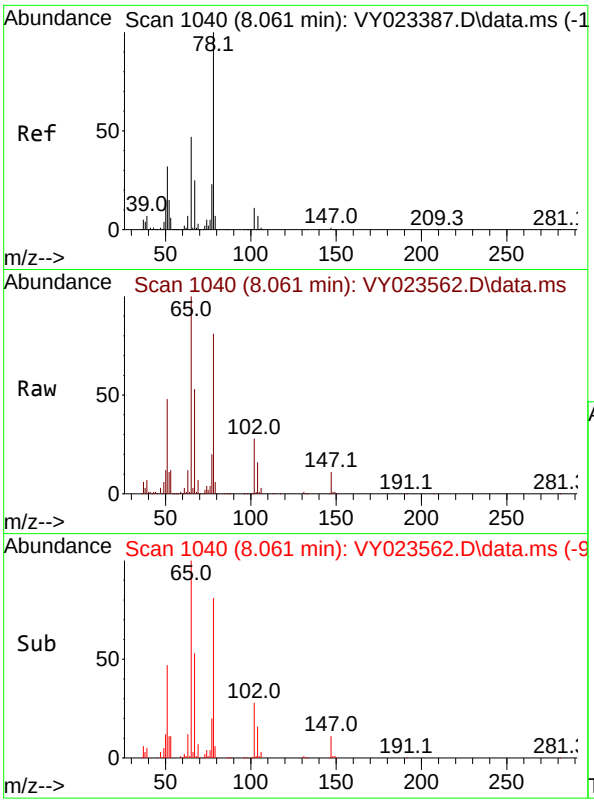


#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 97 Resp: 181103

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	38.4	31.9	47.9

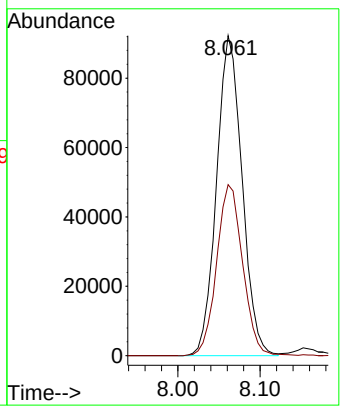




#33
1,2-Dichloroethane-d4
Concen: 44.408 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 65 Resp: 19933

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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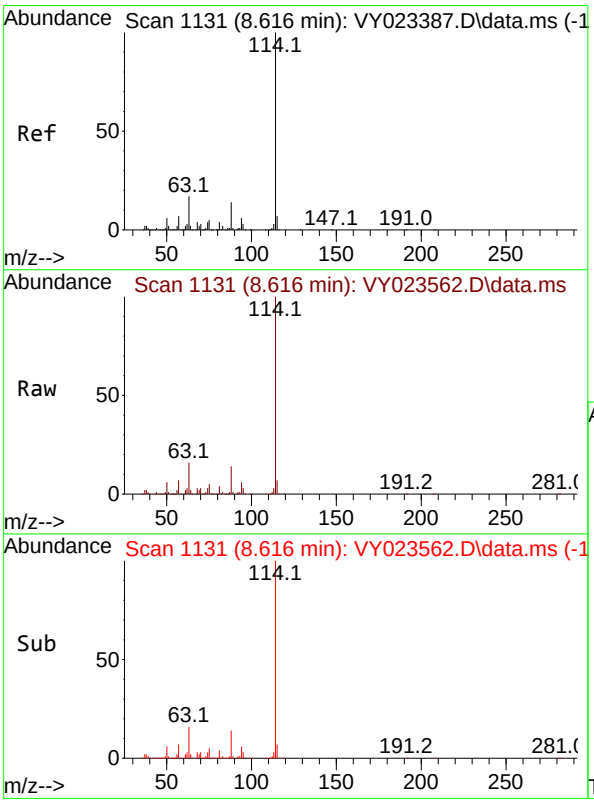
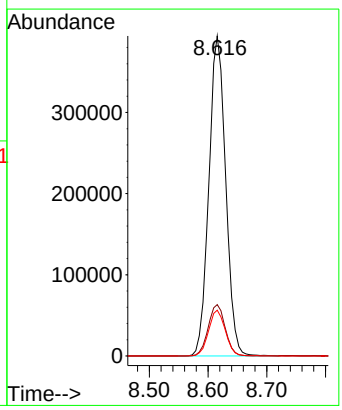
Supervised By :Mahesh Dadoda 10/27/2025

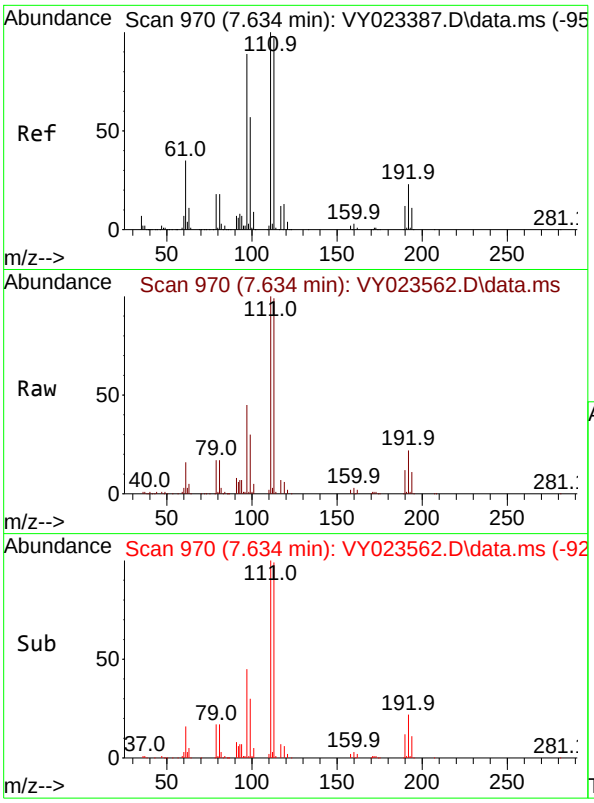


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:114 Resp: 783587

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	34.2
88	14.3	0.0	28.4

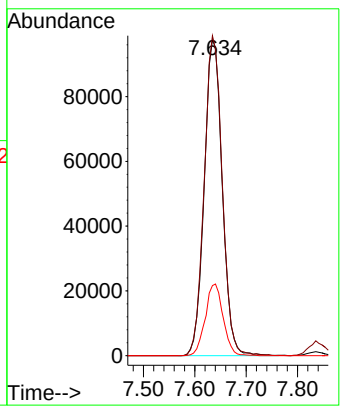




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:113 Resp: 23765

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.6
192	22.5	18.0	27.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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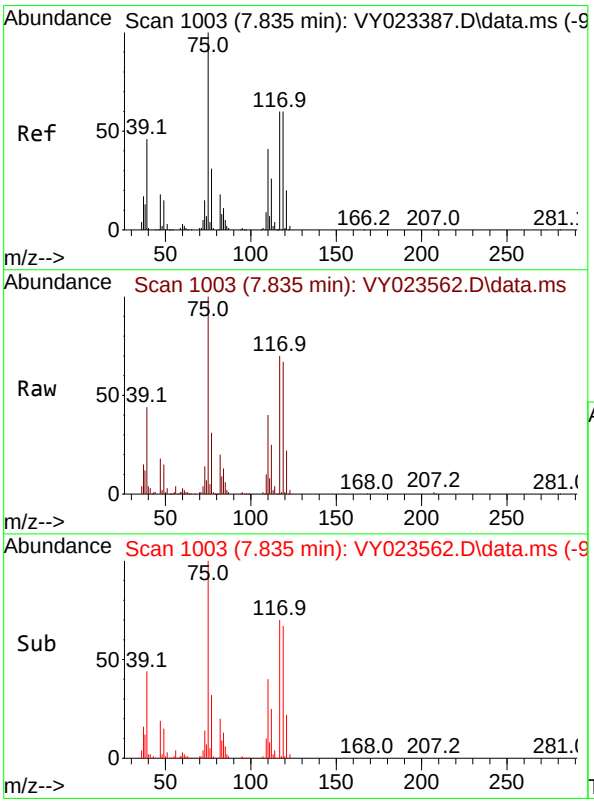
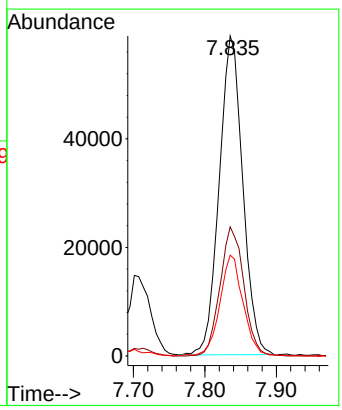
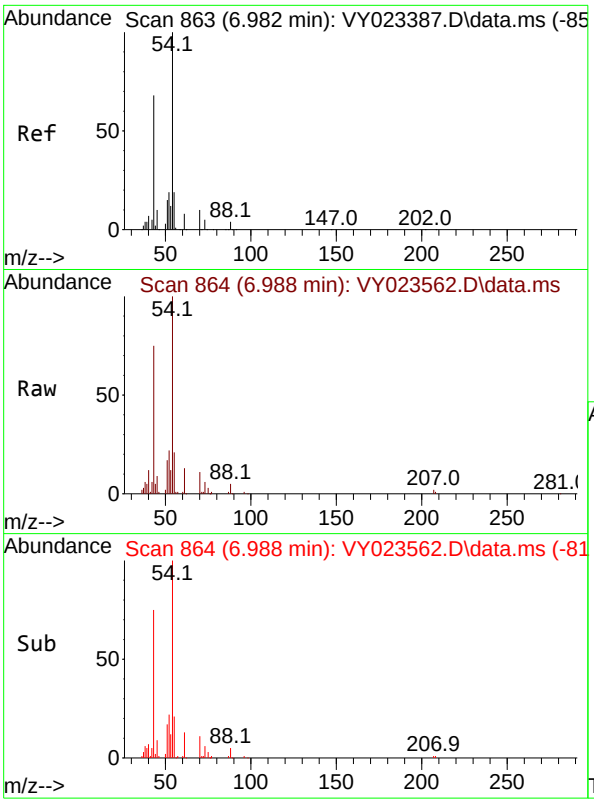


#36
1,1-Dichloropropene
Concen: 21.094 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 134460

Ion	Ratio	Lower	Upper
75	100		
110	40.8	19.9	59.7
77	31.3	25.0	37.6





#37
Ethyl Acetate
Concen: 20.234 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 5109

Ion	Ratio	Lower	Upper
43	100		
61	17.0	11.8	17.8
70	13.4	10.5	15.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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Reviewed By :Amit Patel 10/27/2025
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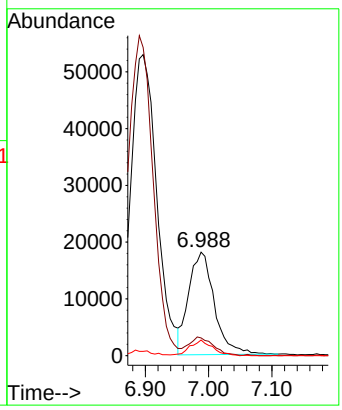
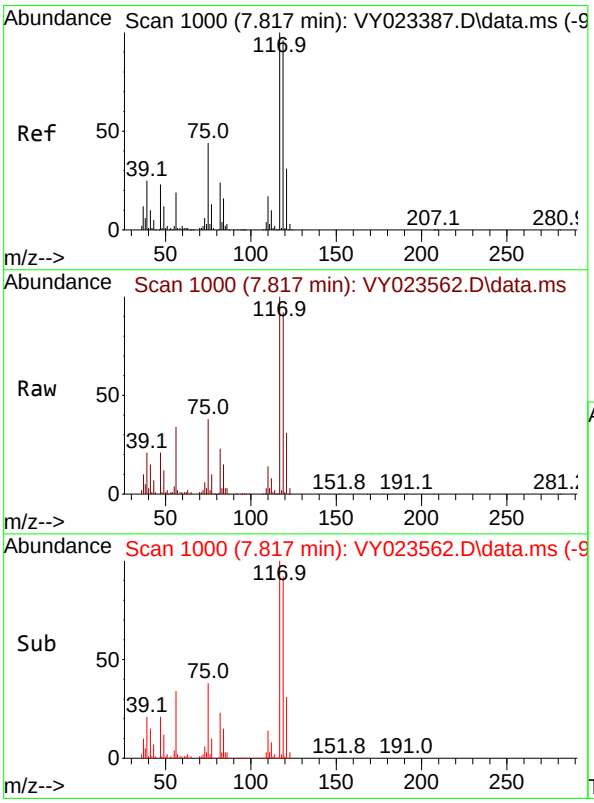
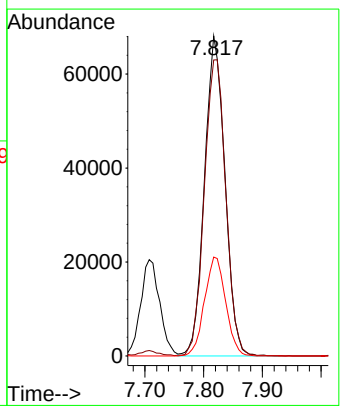


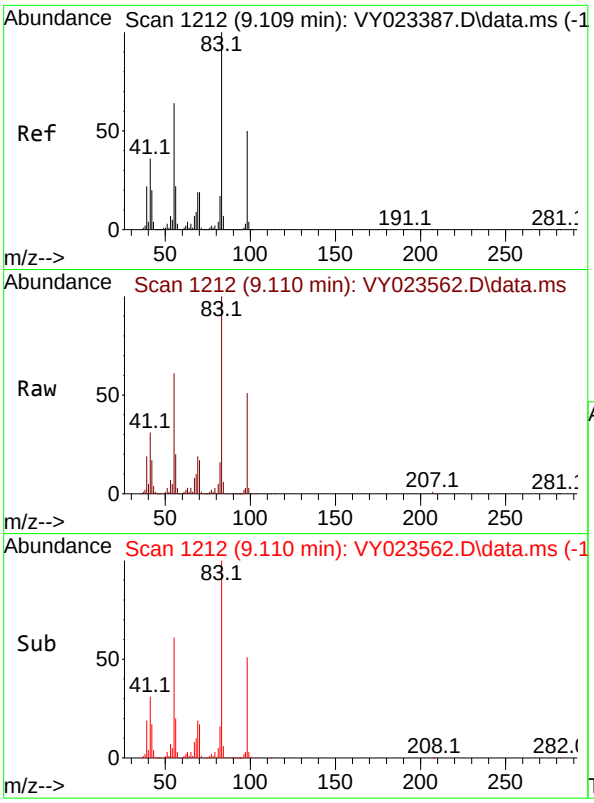


#38
Carbon Tetrachloride
Concen: 21.356 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:117 Resp: 165067

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.8	115.2
121	30.9	24.5	36.7





#39
Methylcyclohexane
Concen: 20.661 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 17147

Ion	Ratio	Lower	Upper
83	100		
55	60.7	51.4	77.2
98	51.3	40.4	60.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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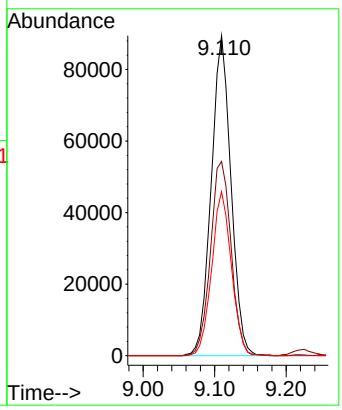
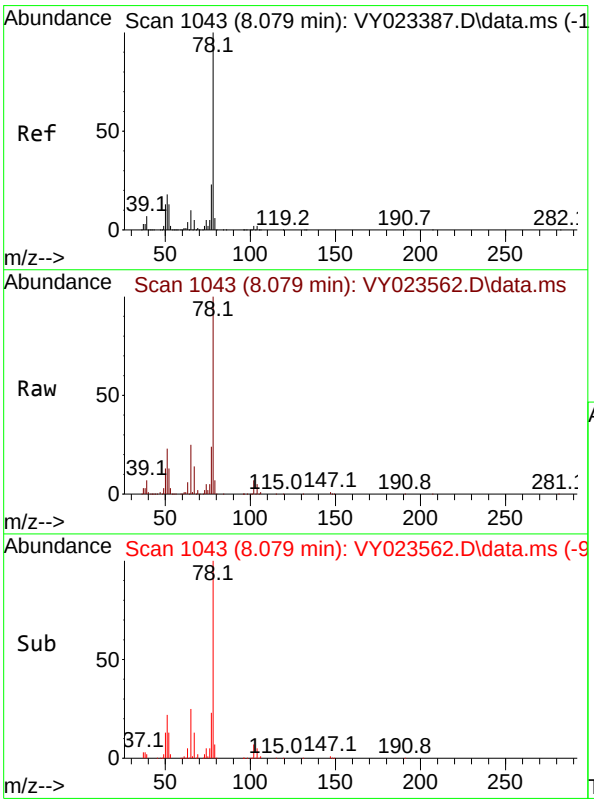
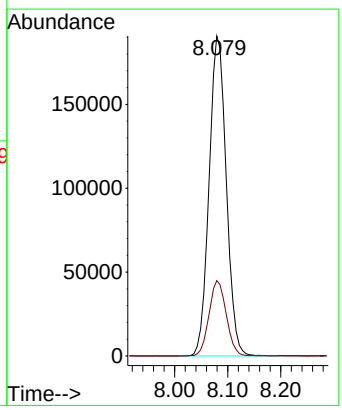


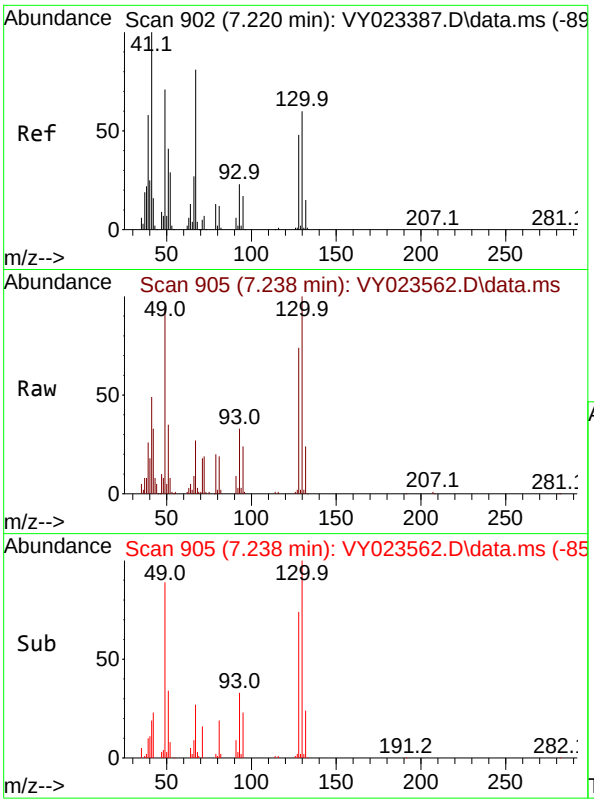


#40
Benzene
Concen: 21.267 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 78 Resp: 429319

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5

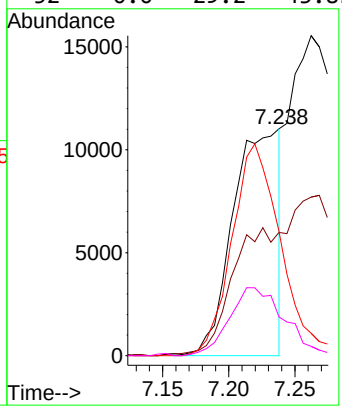




#41
Methacrylonitrile
Concen: 19.890 ug/l m
RT: 7.238 min Scan# 9
Delta R.T. 0.018 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 2716

Ion	Ratio	Lower	Upper
41	100		
39	70.4	52.2	78.4
67	0.0	74.9	112.3#
52	0.0	29.2	43.8#



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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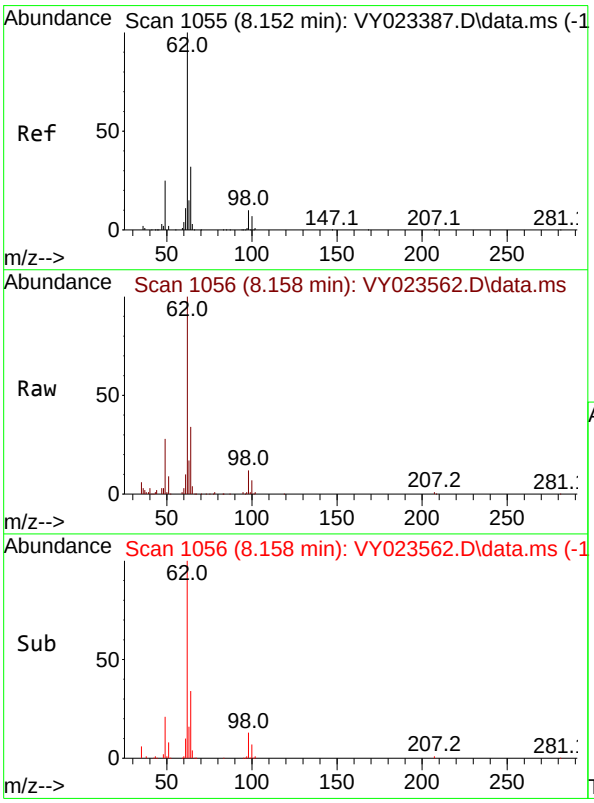
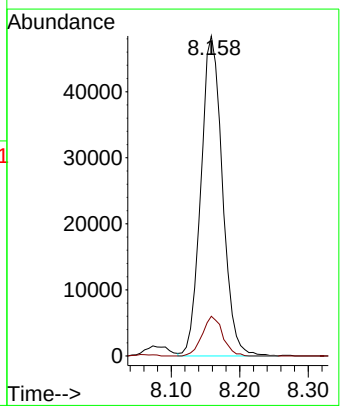
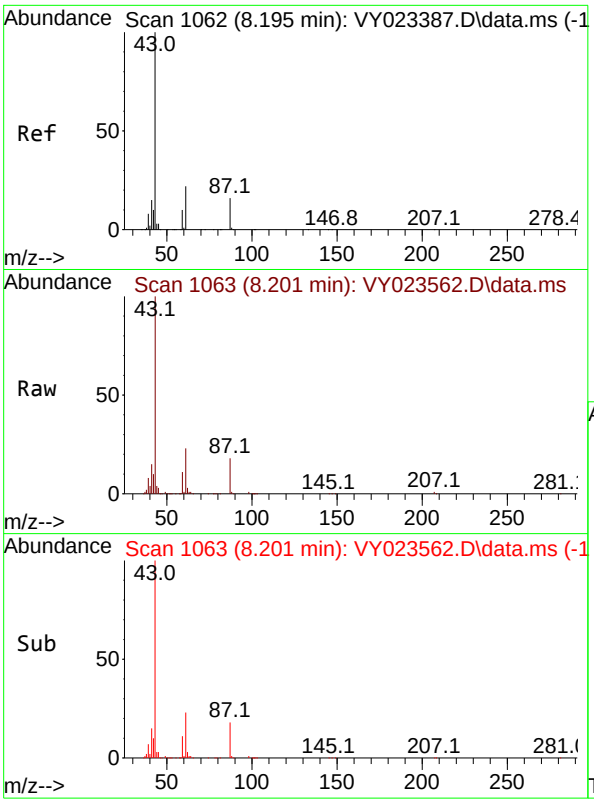


#42
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 106025

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6





#43
Isopropyl Acetate
Concen: 20.085 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 10113

Ion	Ratio	Lower	Upper
43	100		
61	34.6	18.1	27.1
87	18.3	13.5	20.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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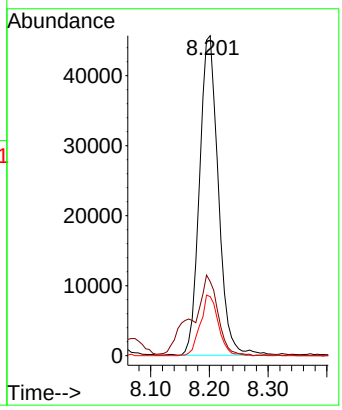
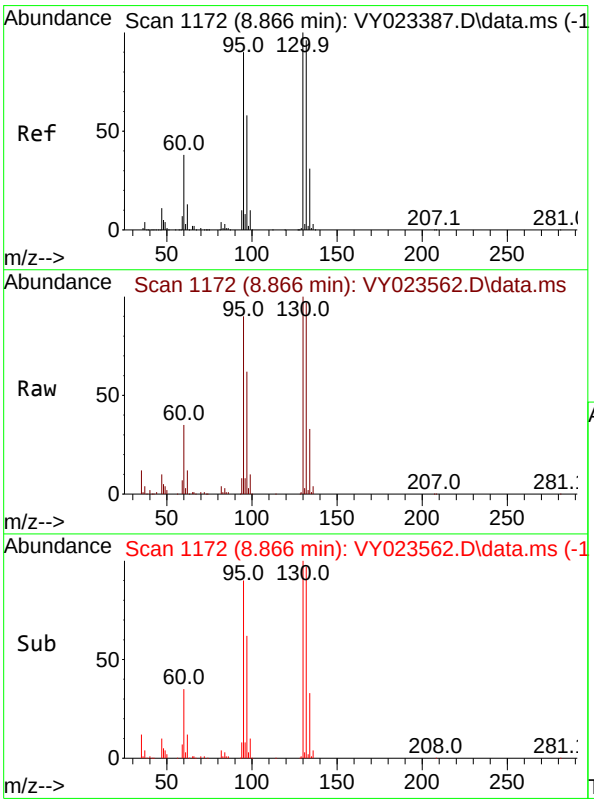
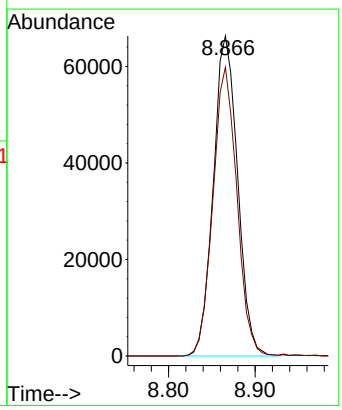


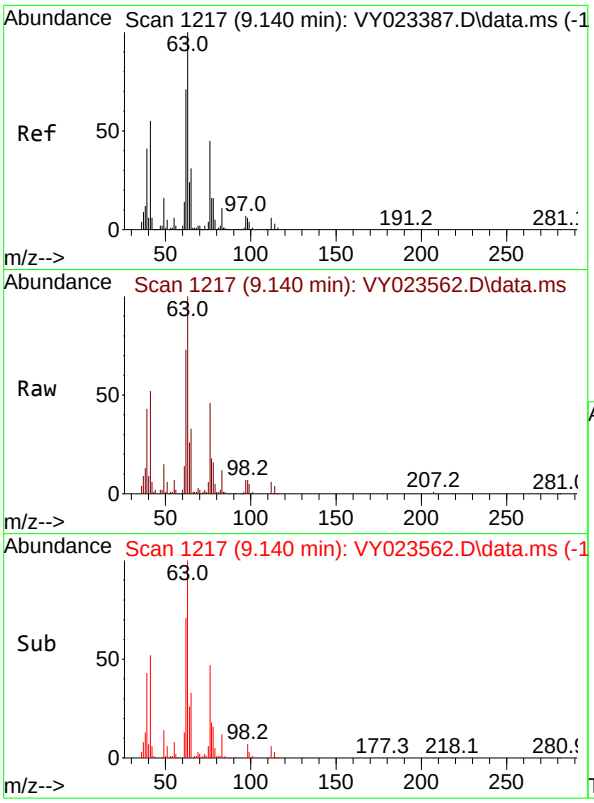


#44
Trichloroethene
Concen: 21.853 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:130 Resp: 129117

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	180.6





#45
1,2-Dichloropropane
Concen: 21.049 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 9385

Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.9	37.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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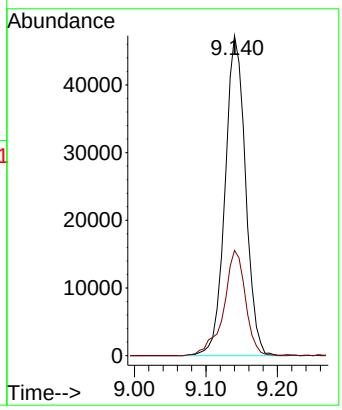
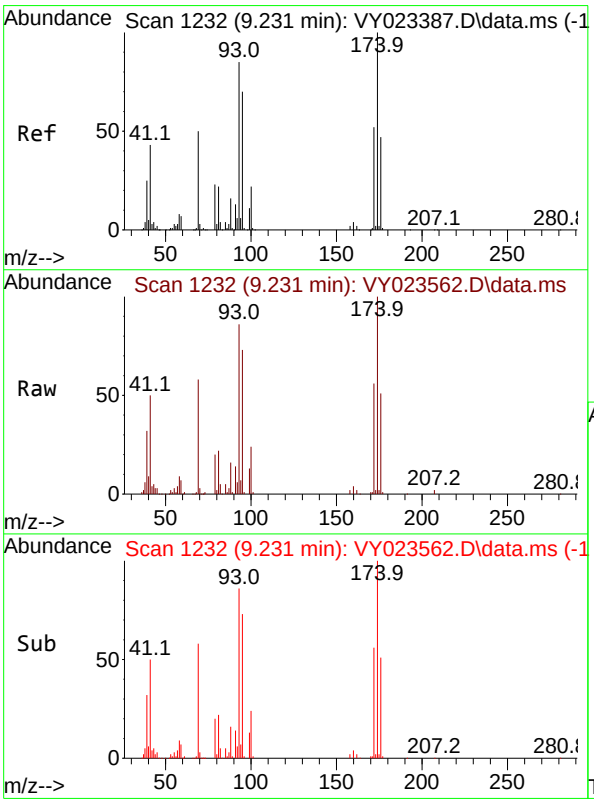
Supervised By :Mahesh Dadoda 10/27/2025

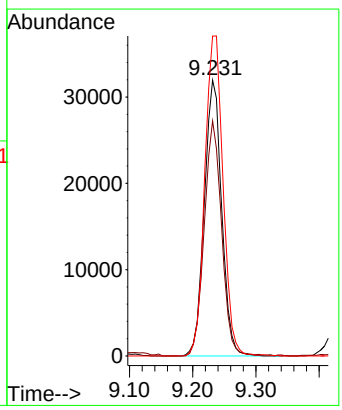


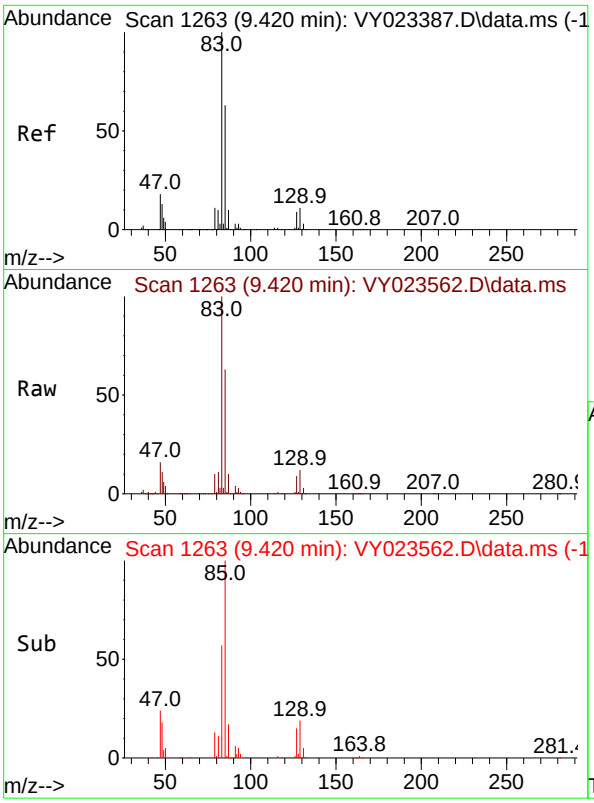


#46
Dibromomethane
Concen: 21.762 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 93 Resp: 61356

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.4	98.0
174	121.2	92.9	139.3

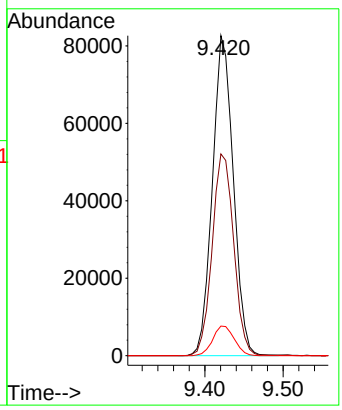




#47
Bromodichloromethane
Concen: 21.596 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 15335

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.8	76.2
127	9.3	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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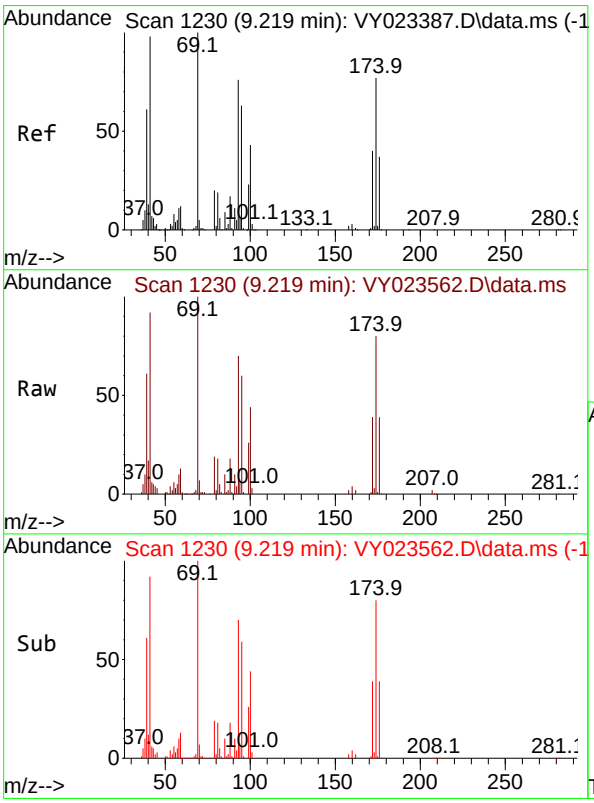
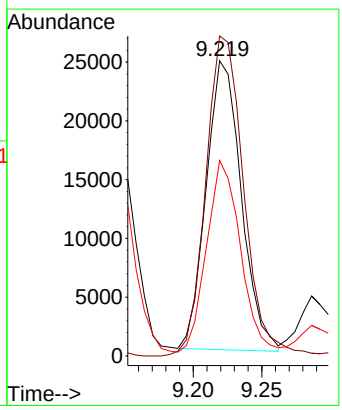
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

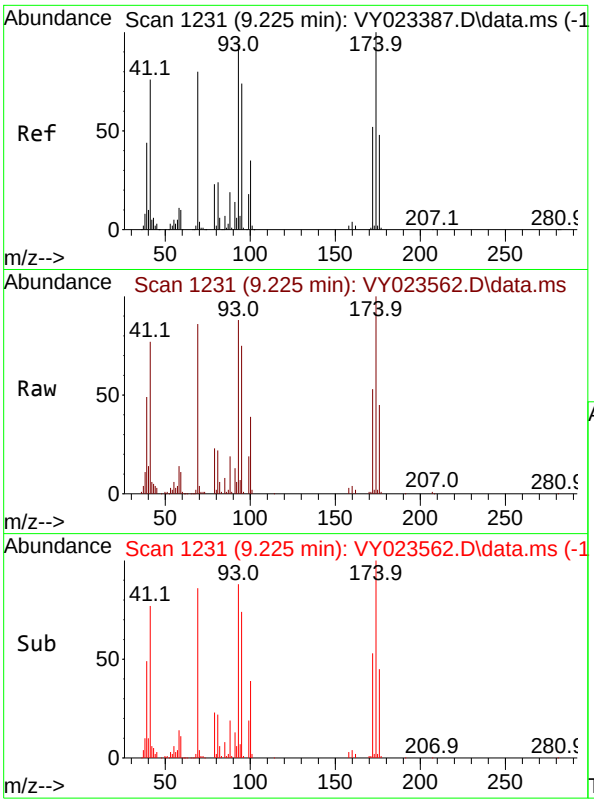


#48
Methyl methacrylate
Concen: 18.531 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 43837

Ion	Ratio	Lower	Upper
41	100		
69	119.6	81.0	121.4
39	66.1	48.2	72.4





#49
1,4-Dioxane
Concen: 426.504 ug/l
RT: 9.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 88 Resp: 1394

Ion	Ratio	Lower	Upper
88	100		
43	23.7	21.8	32.8
58	59.8	46.8	70.2

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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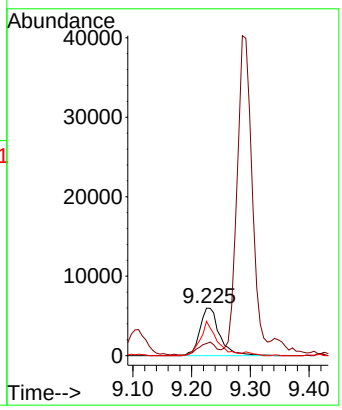
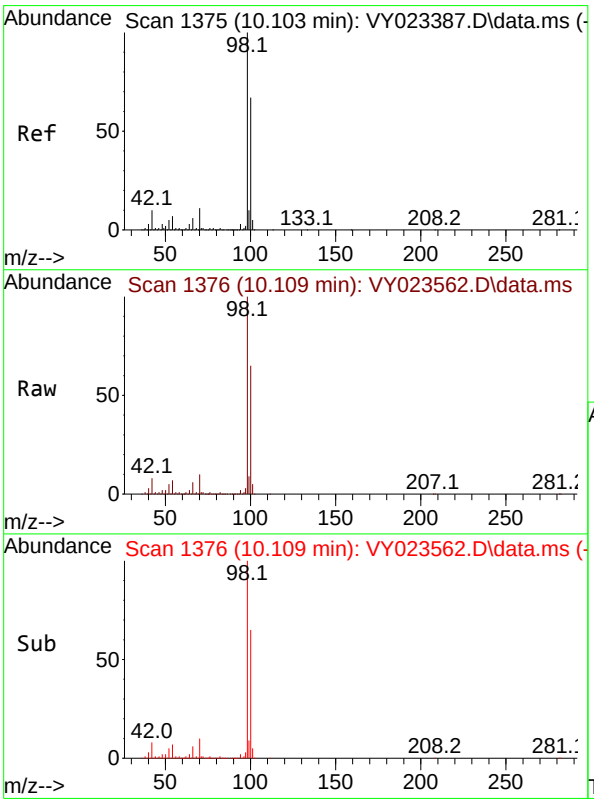
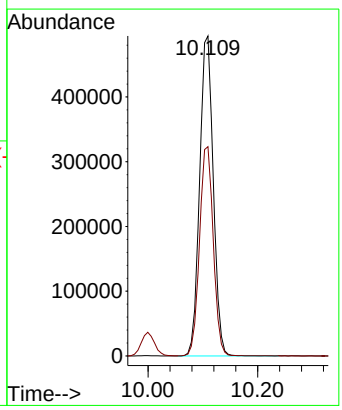


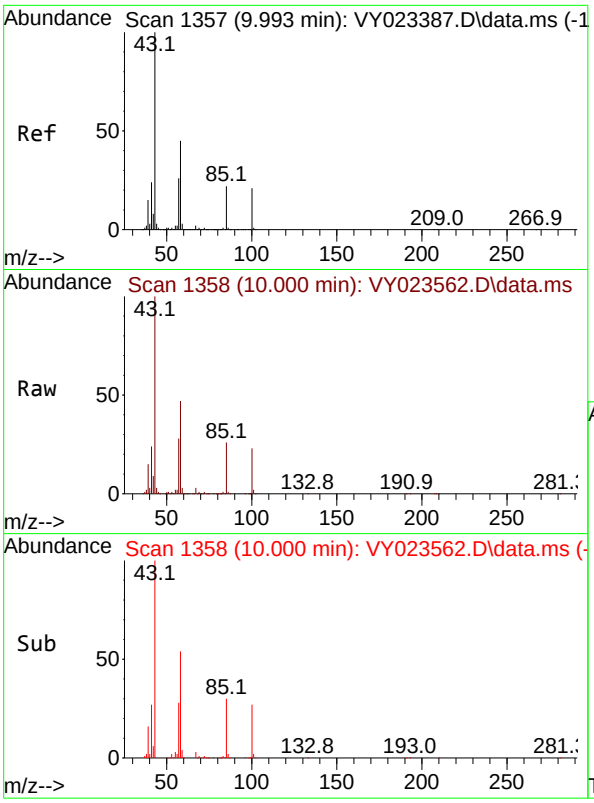


#50
Toluene-d8
Concen: 47.619 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 98 Resp: 853846

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

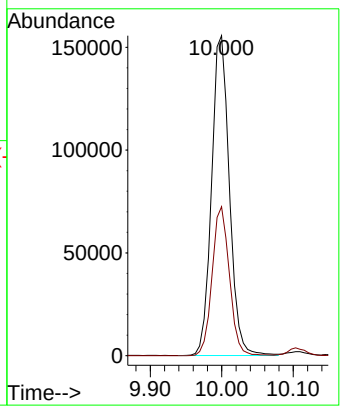




#51
4-Methyl-2-Pentanone
Concen: 103.526 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 26934

Ion	Ratio	Lower	Upper
43	100		
58	45.2	35.3	52.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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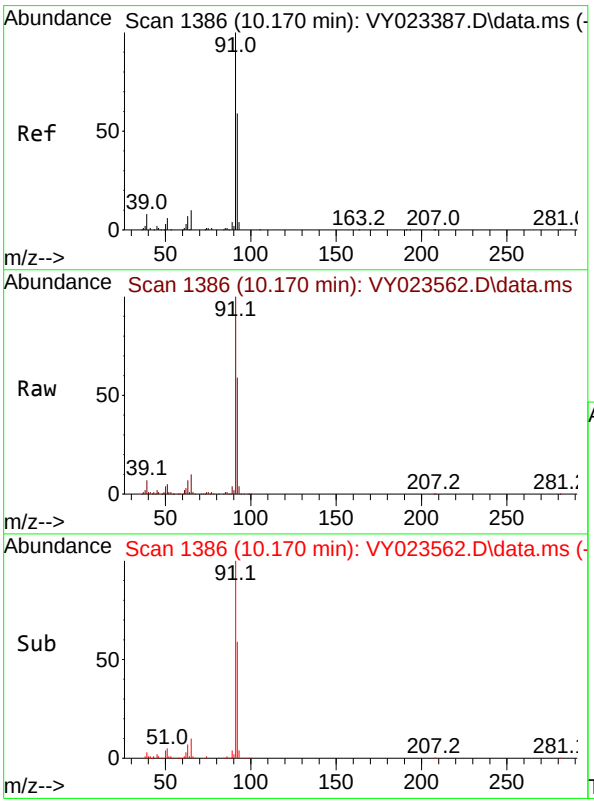
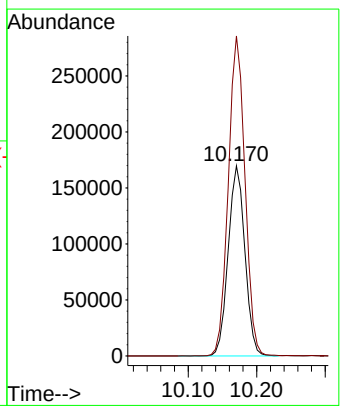
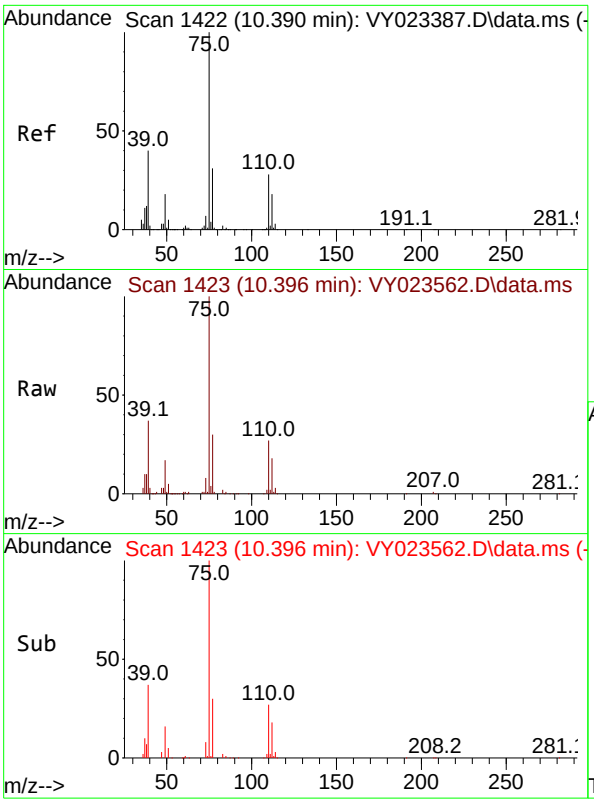


#52
Toluene
Concen: 21.935 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 92 Resp: 287505

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.4	204.6





#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 13121

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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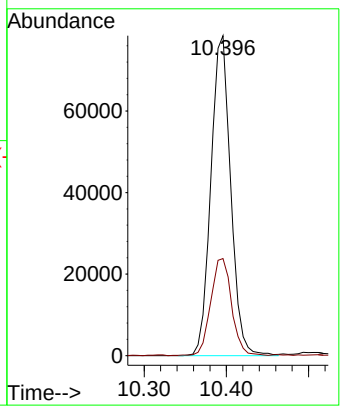
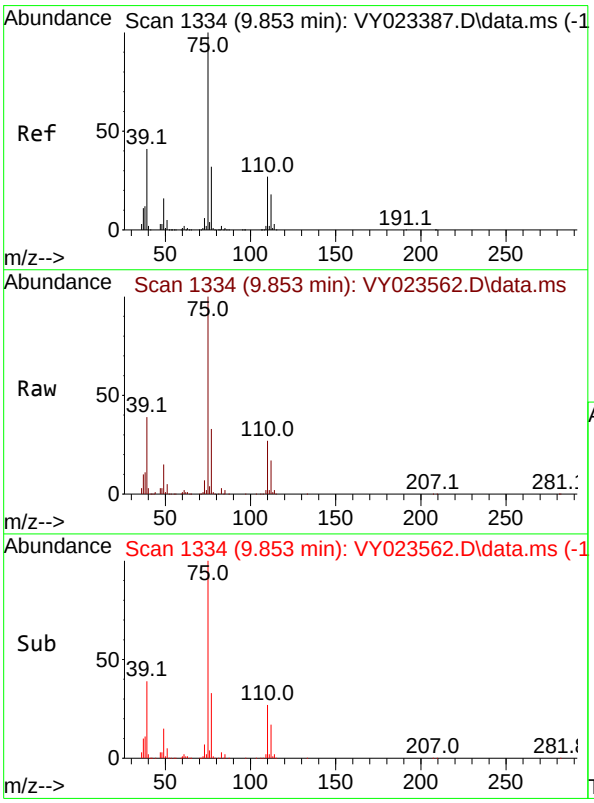
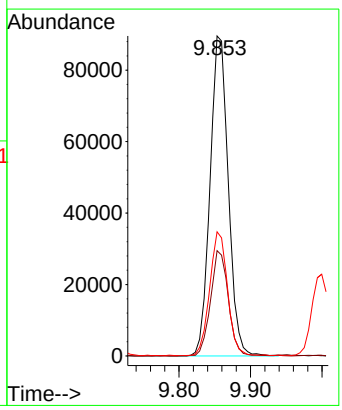


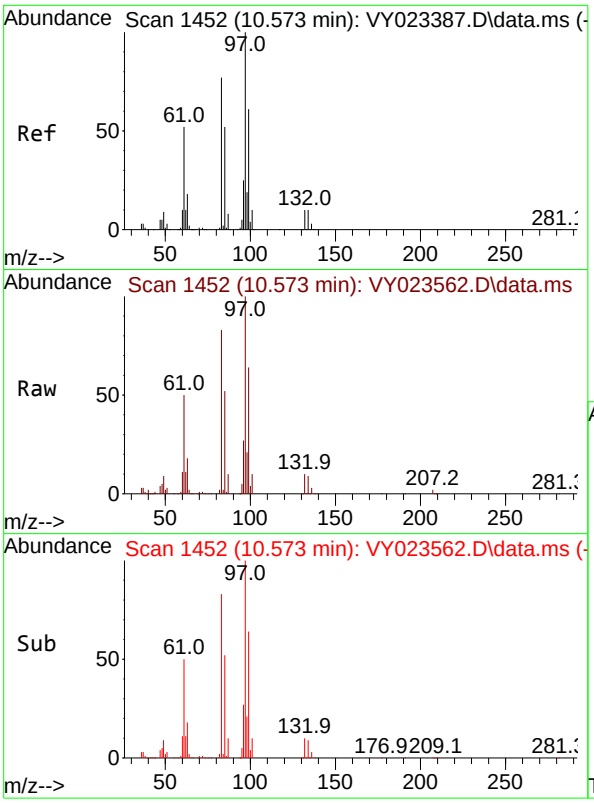


#54
cis-1,3-Dichloropropene
Concen: 21.760 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 158569

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0
39	38.7	32.8	49.2

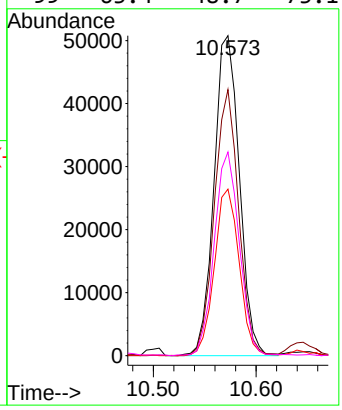




#55
1,1,2-Trichloroethane
Concen: 22.969 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 97 Resp: 8708

Ion	Ratio	Lower	Upper
97	100		
83	83.2	61.8	92.6
85	52.1	41.3	61.9
99	63.4	48.7	73.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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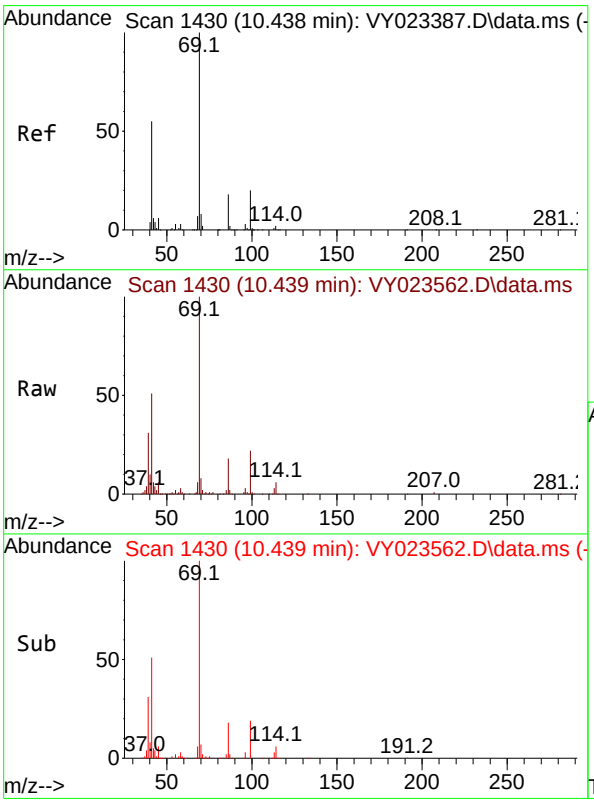
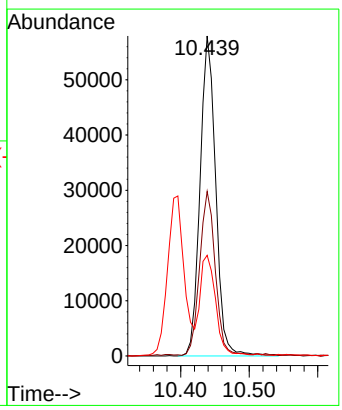
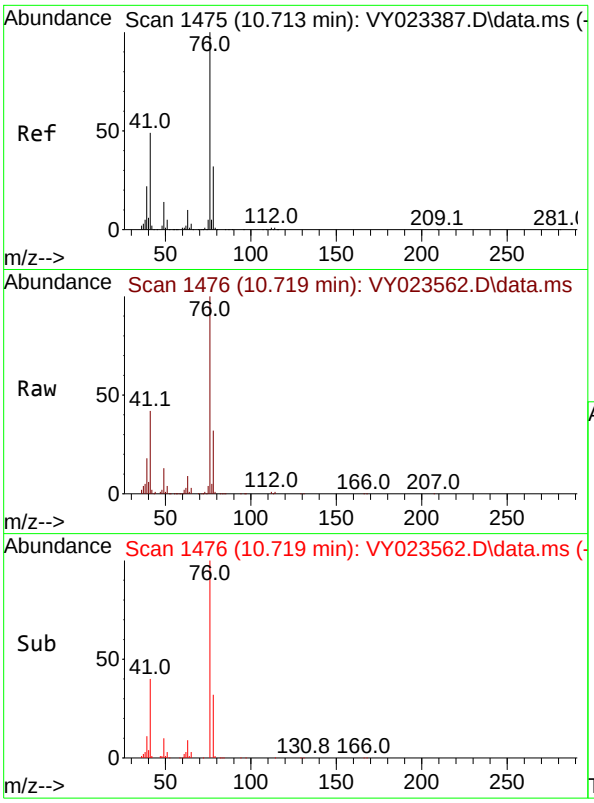


#56
Ethyl methacrylate
Concen: 21.090 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 69 Resp: 92237

Ion	Ratio	Lower	Upper
69	100		
41	51.1	44.6	67.0
39	30.5	27.0	40.4





#57
1,3-Dichloropropane
Concen: 22.110 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 76 Resp: 13283

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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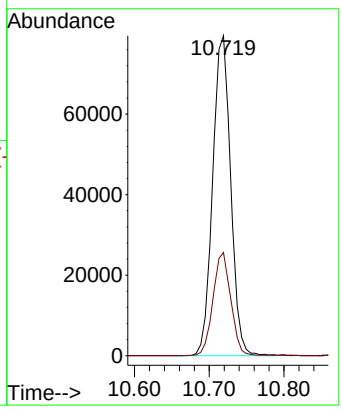
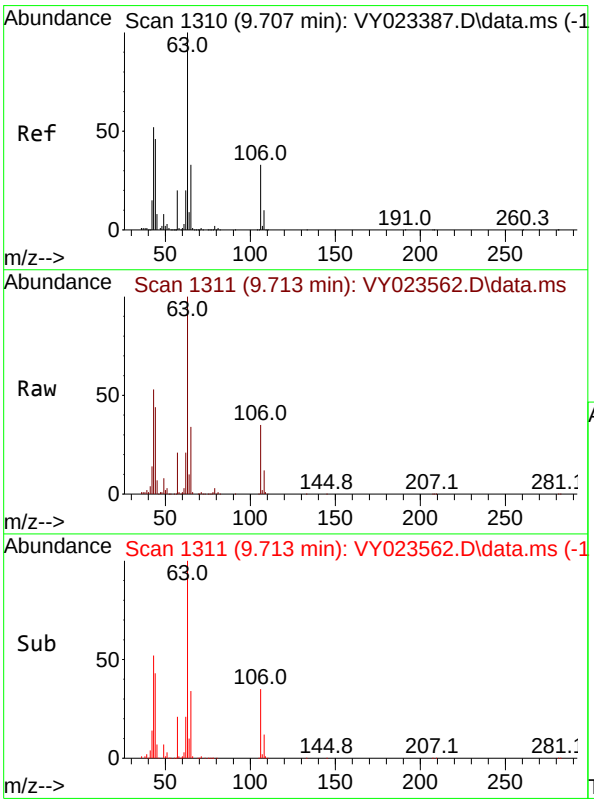
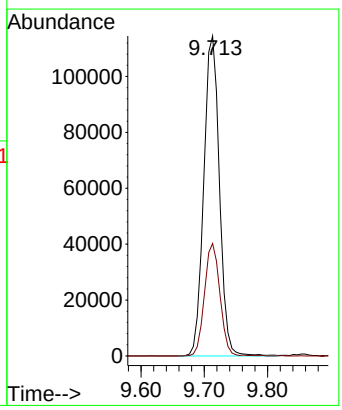


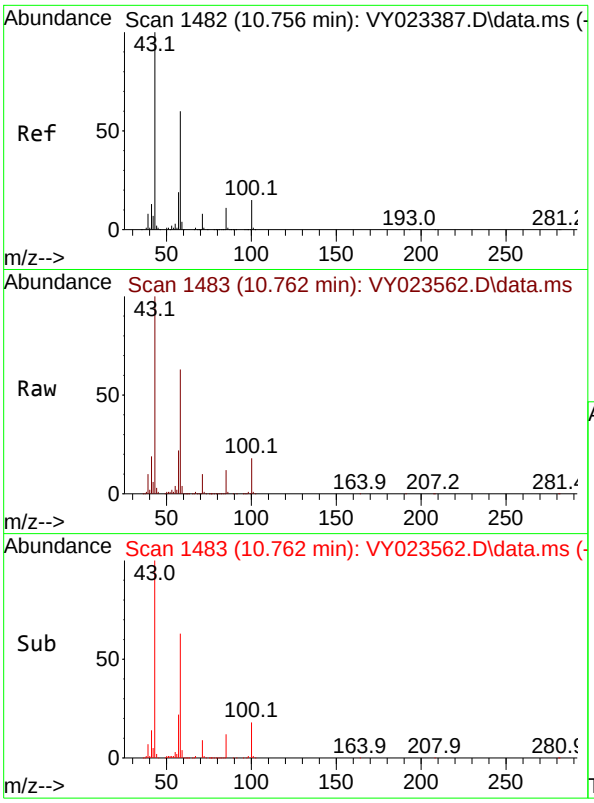


#58
2-Chloroethyl Vinyl ether
Concen: 100.804 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 197494

Ion	Ratio	Lower	Upper
63	100		
106	34.8	26.6	39.8

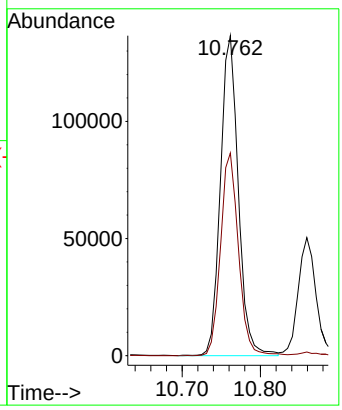




#59
2-Hexanone
Concen: 116.754 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 21707

Ion	Ratio	Lower	Upper
43	100		
58	63.5	30.5	91.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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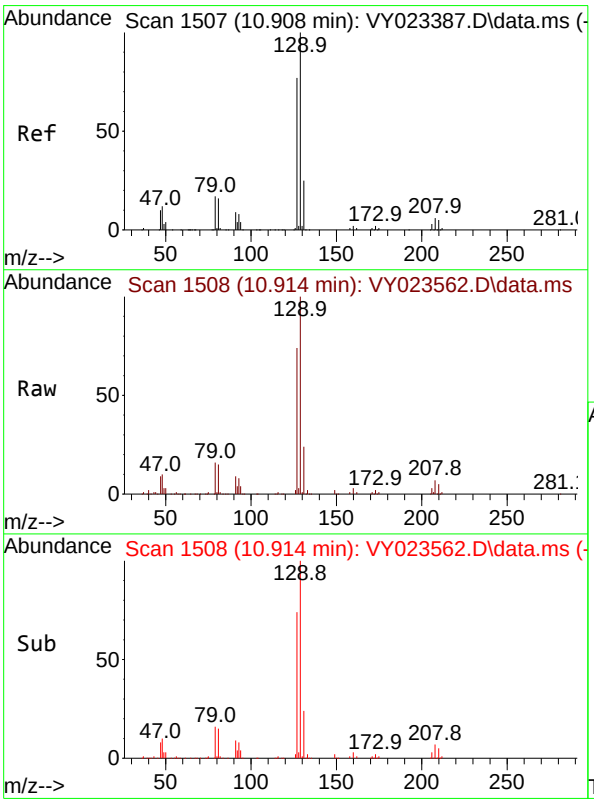
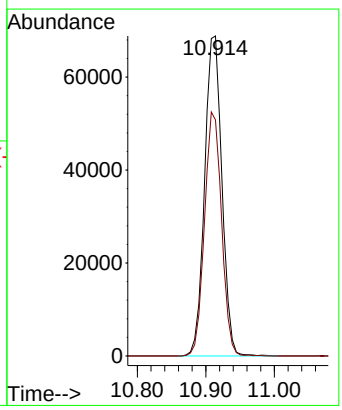
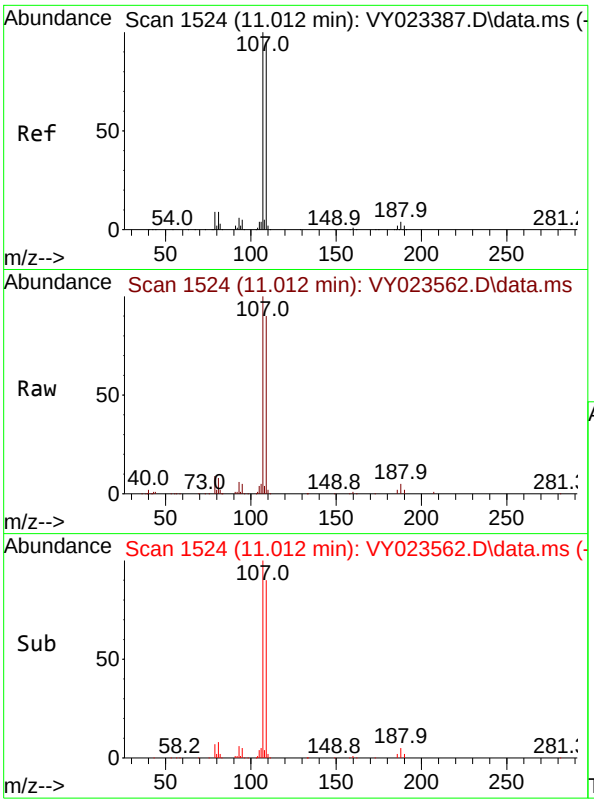


#60
Dibromochloromethane
Concen: 22.725 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:129 Resp: 120798

Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.6	115.7





#61
1,2-Dibromoethane
Concen: 22.484 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:107 Resp: 8129

Ion	Ratio	Lower	Upper
107	100		
109	93.3	76.1	114.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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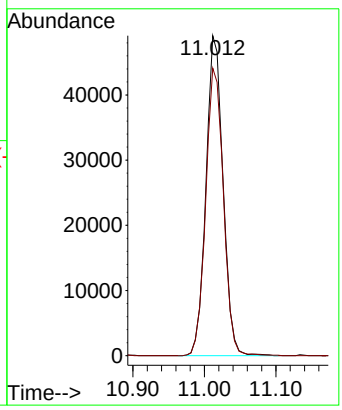
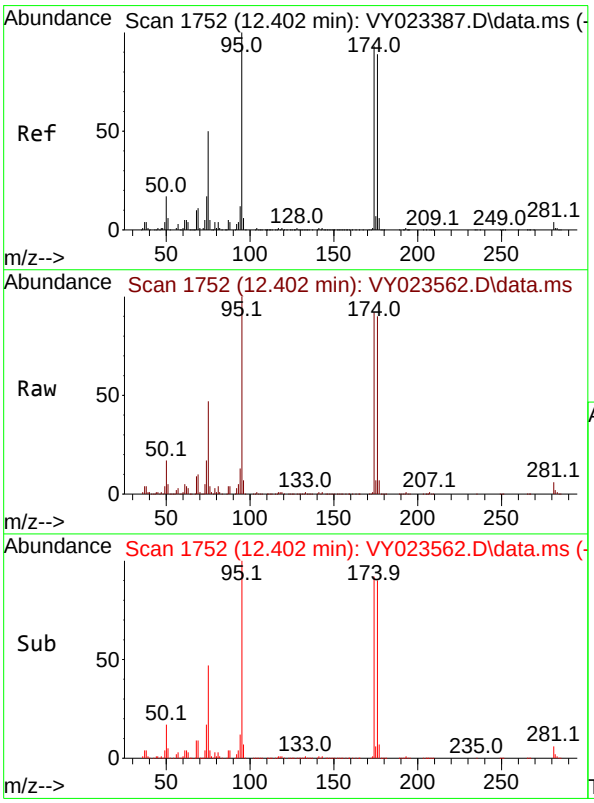
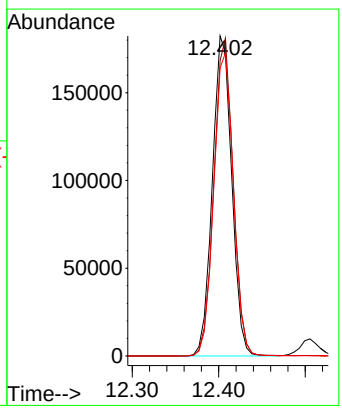


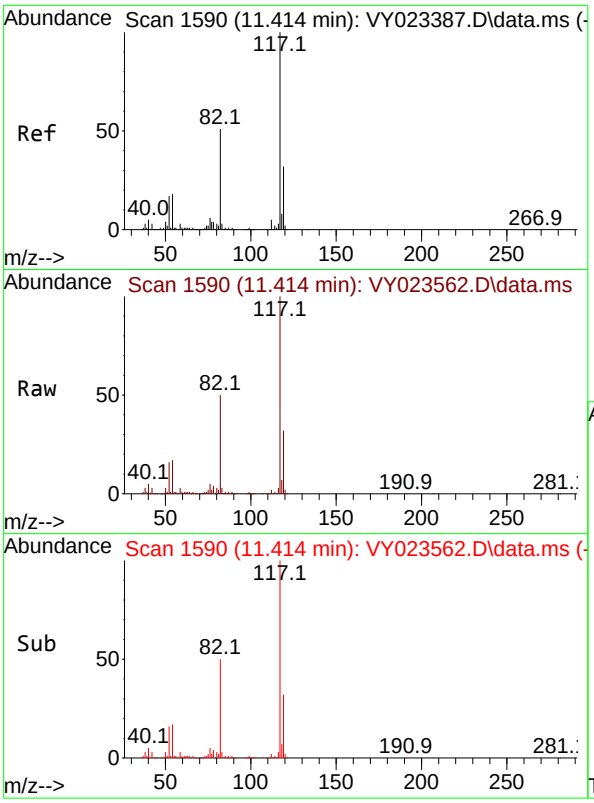


#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 95 Resp: 282869

Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.8
176	96.0	0.0	187.6

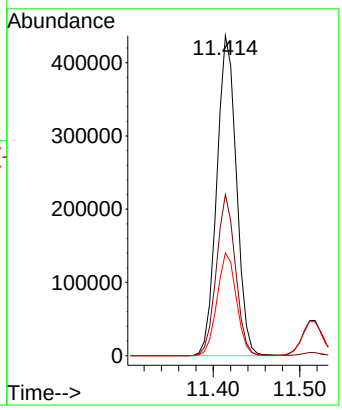




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:117 Resp: 68658

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.4
119	32.1	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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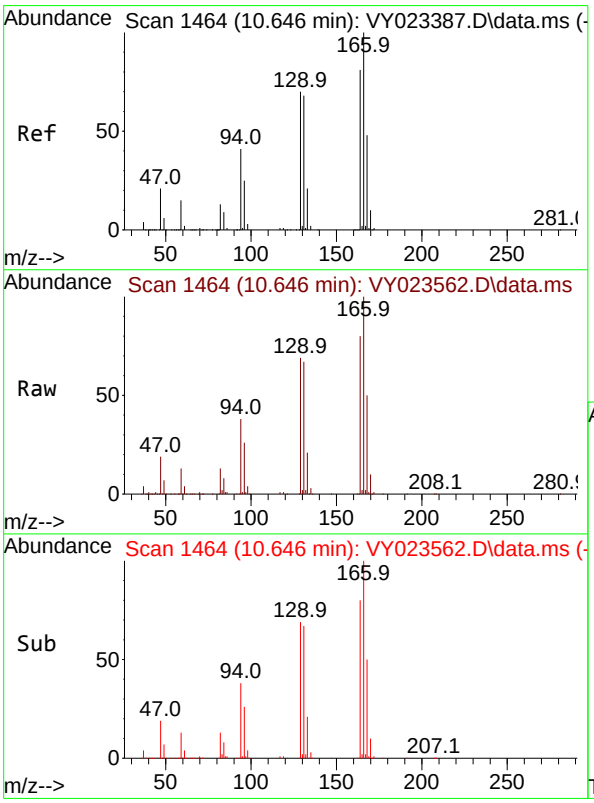
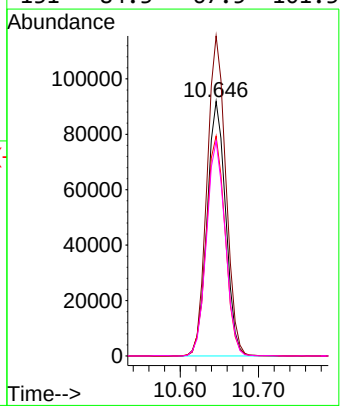
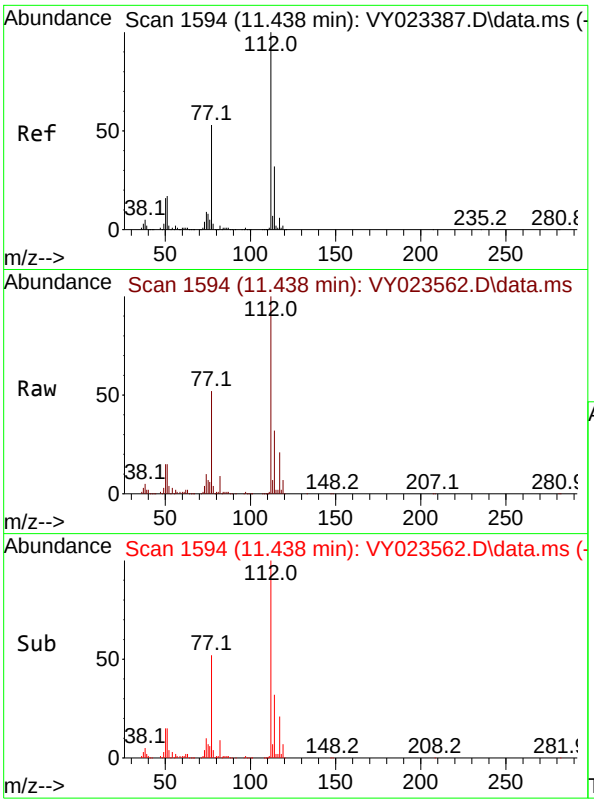


#64
Tetrachloroethene
Concen: 21.309 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:164 Resp: 151062

Ion	Ratio	Lower	Upper
164	100		
166	125.7	99.4	149.0
129	86.4	69.4	104.2
131	84.3	67.5	101.3

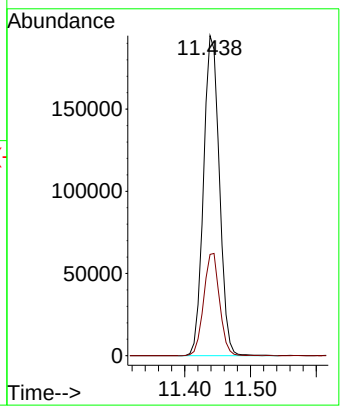




#65
Chlorobenzene
Concen: 21.874 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:112 Resp: 32664

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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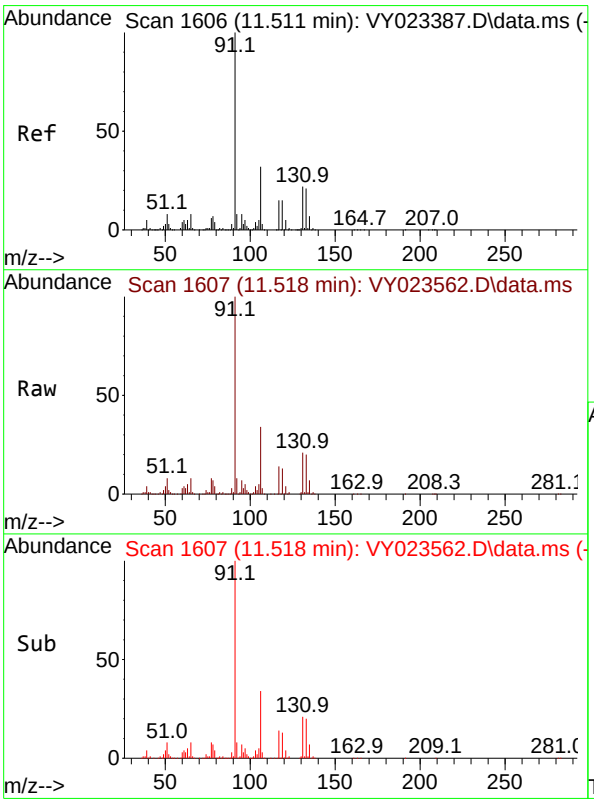
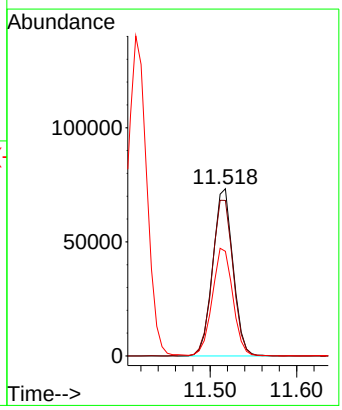
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

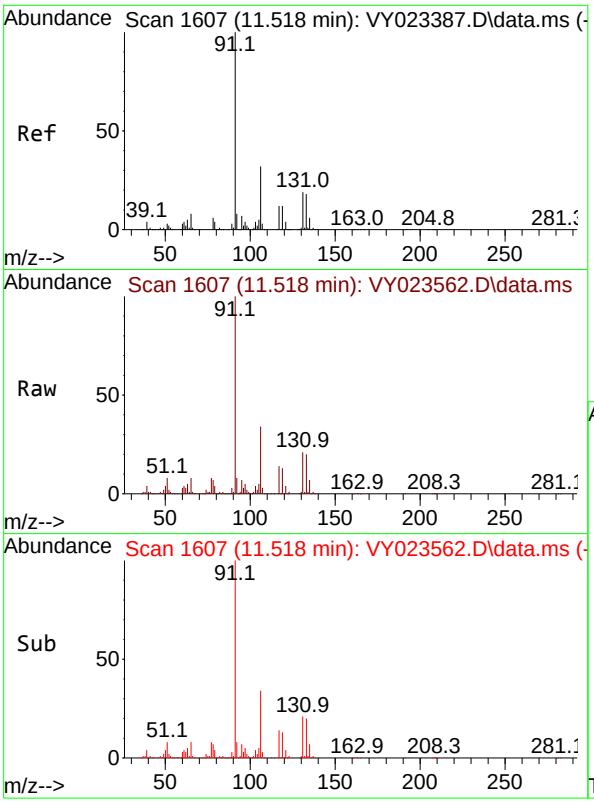


#66
1,1,1,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:131 Resp: 118969

Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.4	145.2
119	65.5	32.4	97.2

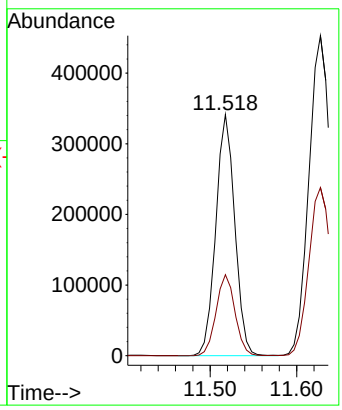




#67
Ethyl Benzene
Concen: 21.473 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 51903

Ion	Ratio	Lower	Upper
91	100		
106	33.6	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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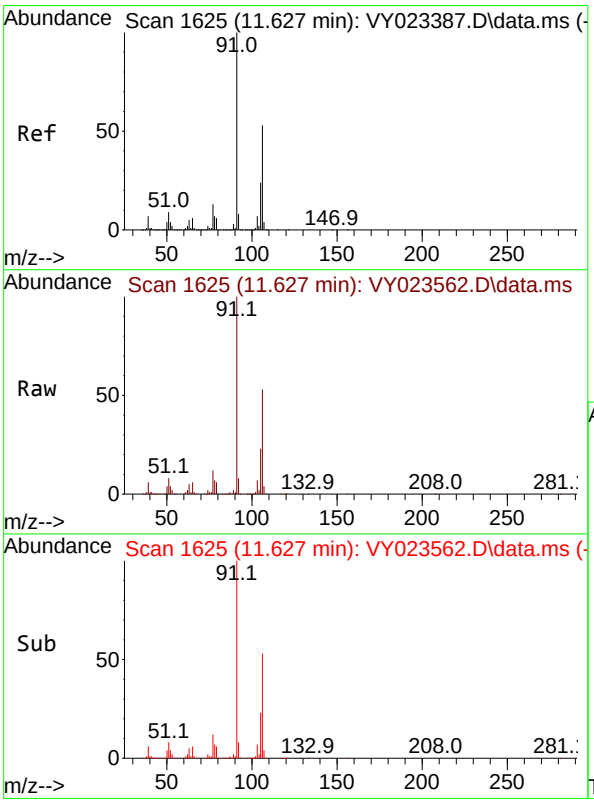
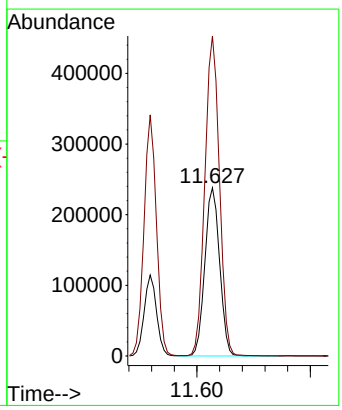
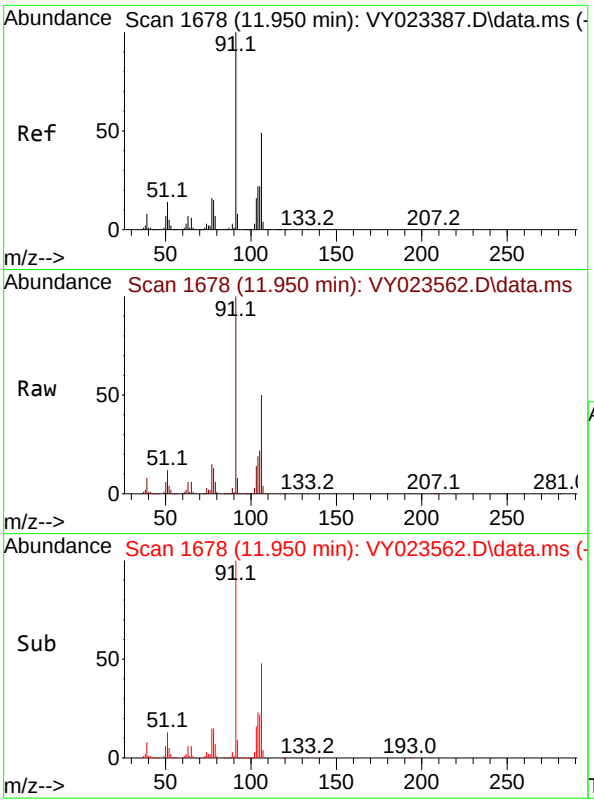


#68
m/p-Xylenes
Concen: 44.437 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:106 Resp: 430825

Ion	Ratio	Lower	Upper
106	100		
91	187.4	152.6	229.0





#69
o-Xylene
Concen: 21.978 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:106 Resp: 19986

Ion	Ratio	Lower	Upper
106	100		
91	199.8	101.4	304.1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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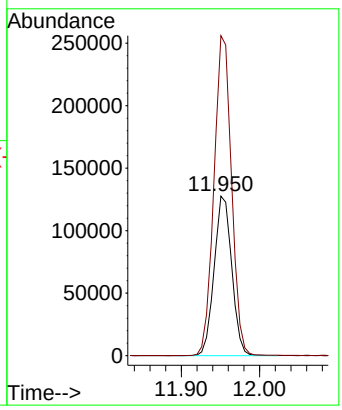
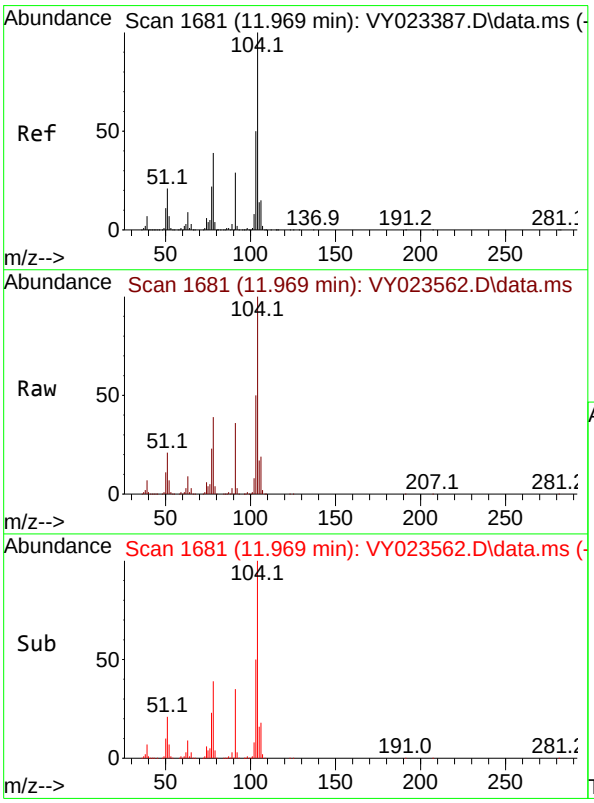
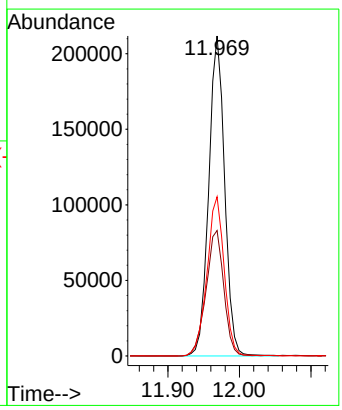


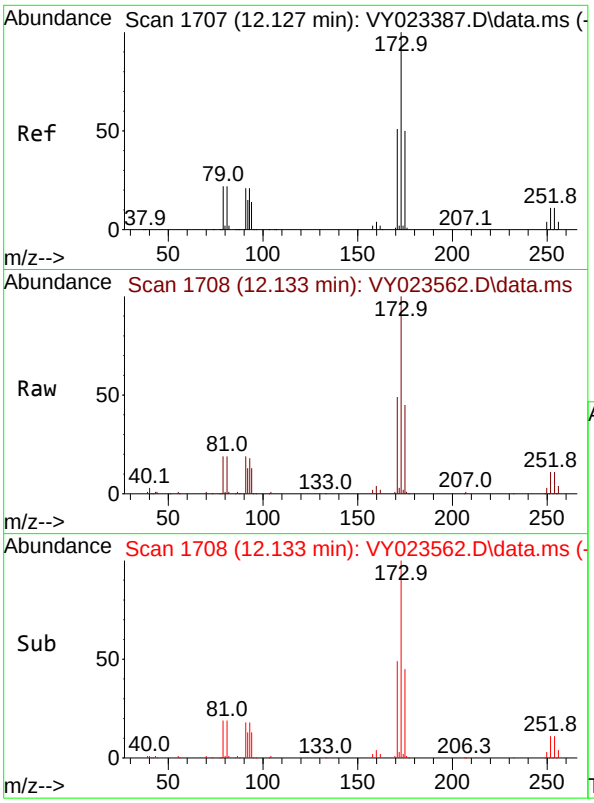


#70
Styrene
Concen: 21.872 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:104 Resp: 327085

Ion	Ratio	Lower	Upper
104	100		
78	43.8	36.1	54.1
103	53.8	43.2	64.8

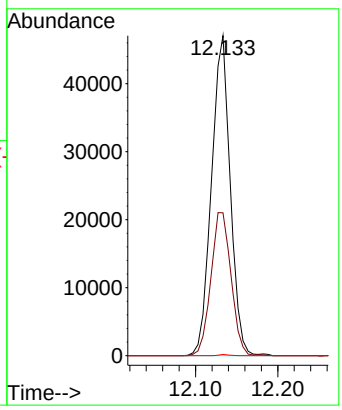




#71
Bromoform
Concen: 22.597 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:173 Resp: 7458

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.3
254	0.2	0.1	0.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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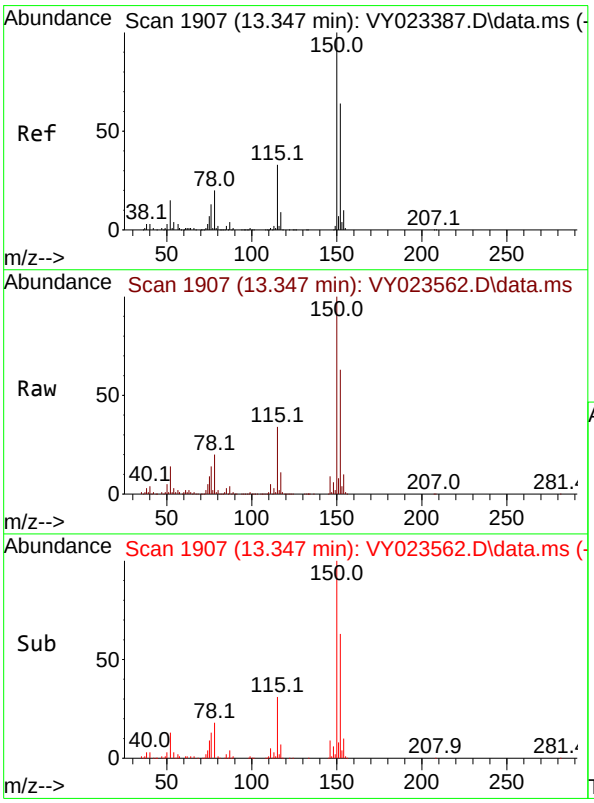
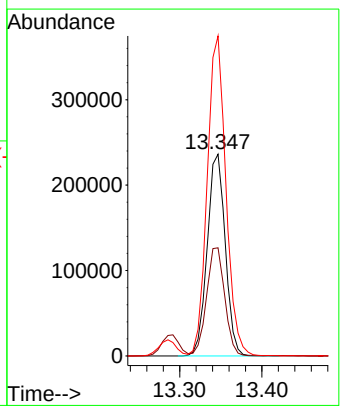
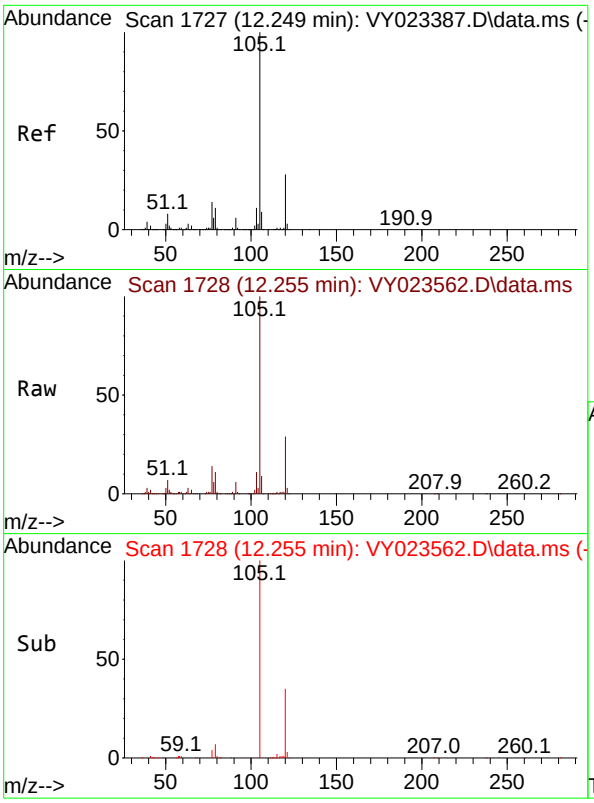


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:152 Resp: 360721

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.1	81.2
150	164.2	0.0	347.4

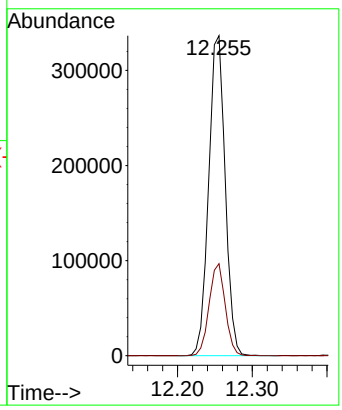




#73
Isopropylbenzene
Concen: 21.751 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 51706

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.9	41.7



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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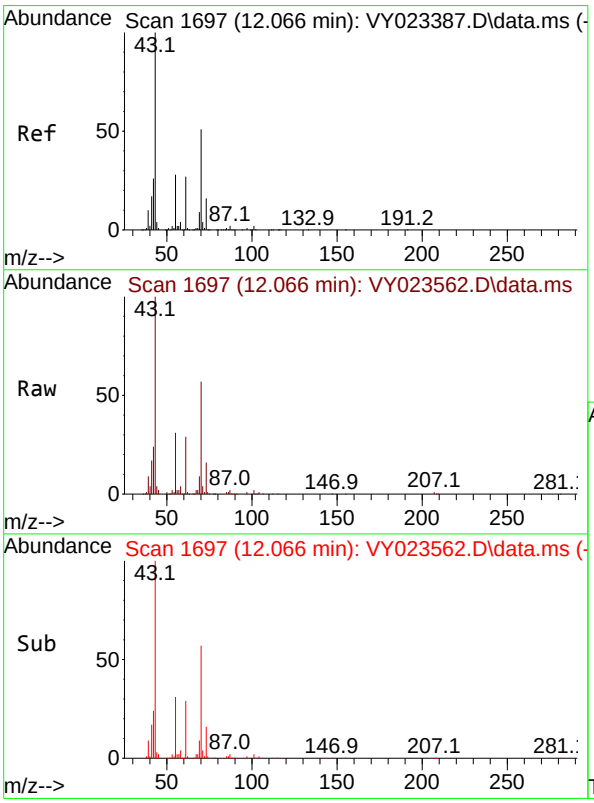
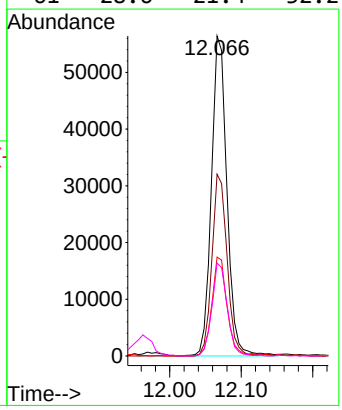
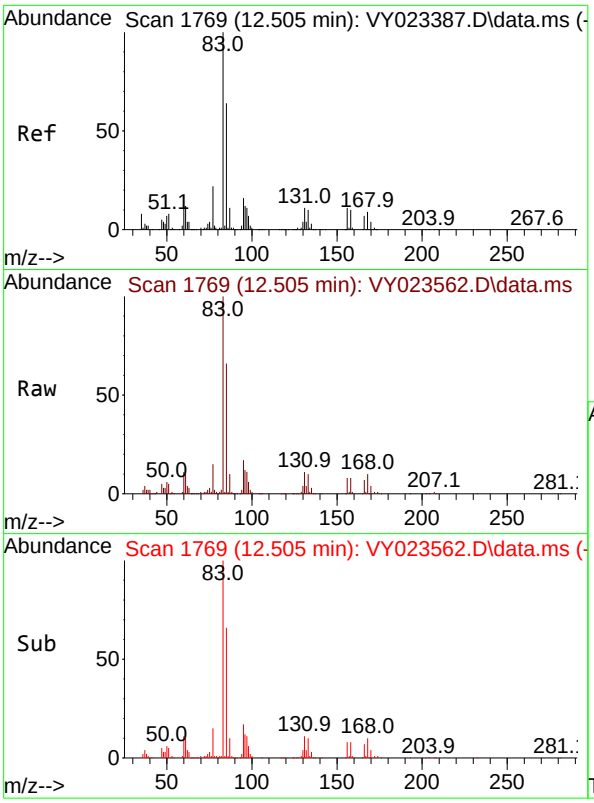


#74
N-amyl acetate
Concen: 19.917 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 85040

Ion	Ratio	Lower	Upper
43	100		
70	56.0	41.1	61.7
55	30.2	23.0	34.6
61	28.6	21.4	32.2

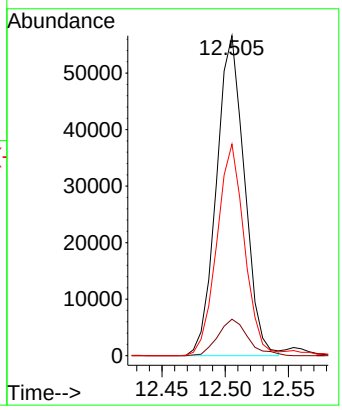




#75
1,1,2,2-Tetrachloroethane
Concen: 22.446 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 8727

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.9	17.6
85	66.5	31.8	95.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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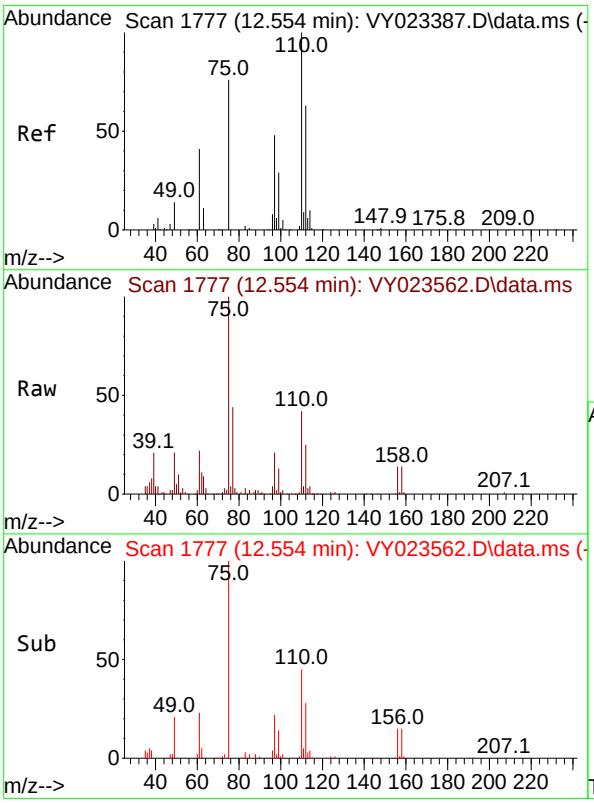
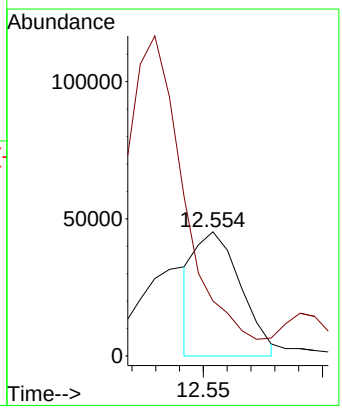
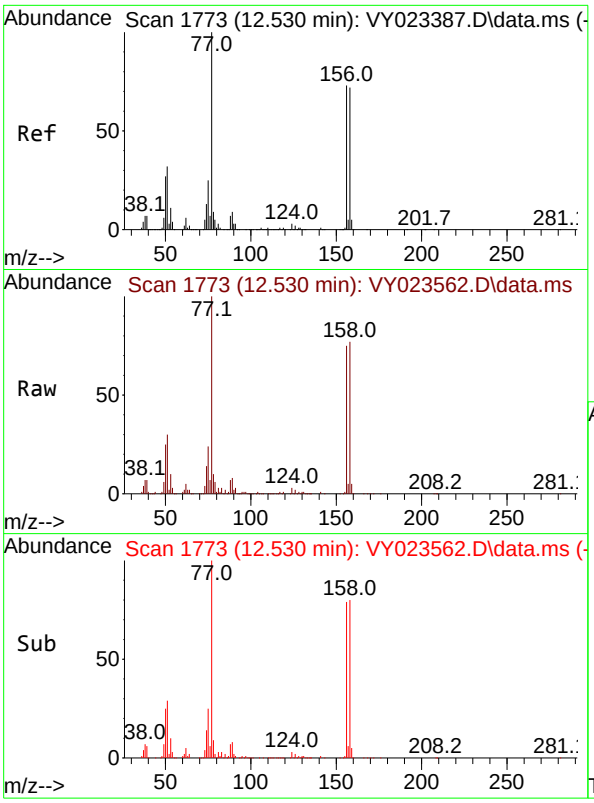


#76
1,2,3-Trichloropropane
Concen: 18.999 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 60466

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

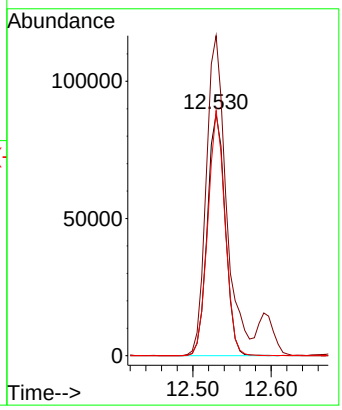




#77
Bromobenzene
Concen: 22.023 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:156 Resp: 13918

Ion	Ratio	Lower	Upper
156	100		
77	148.1	76.8	230.5
158	97.6	49.0	147.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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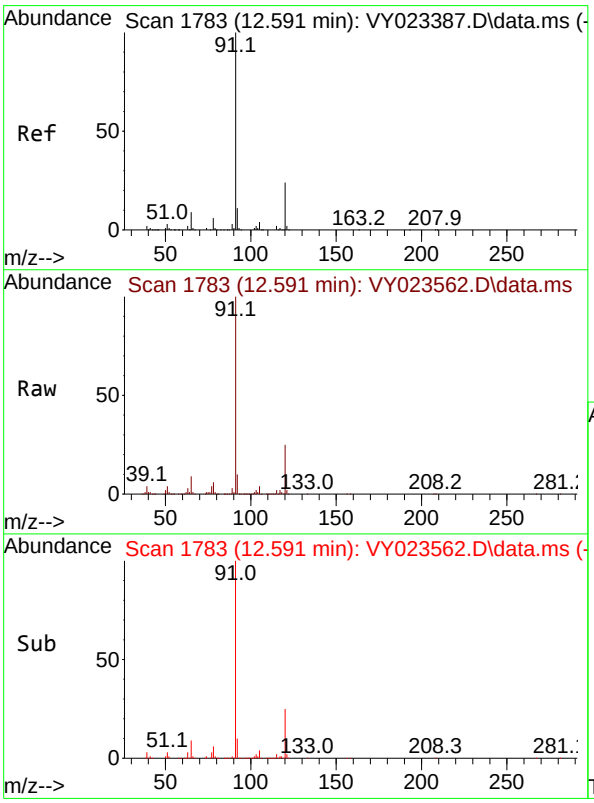
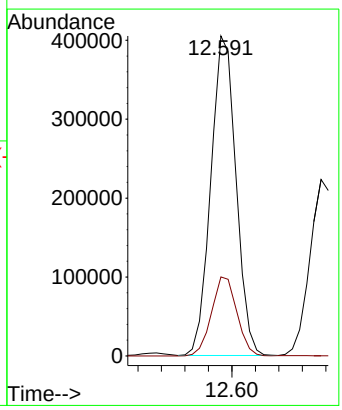
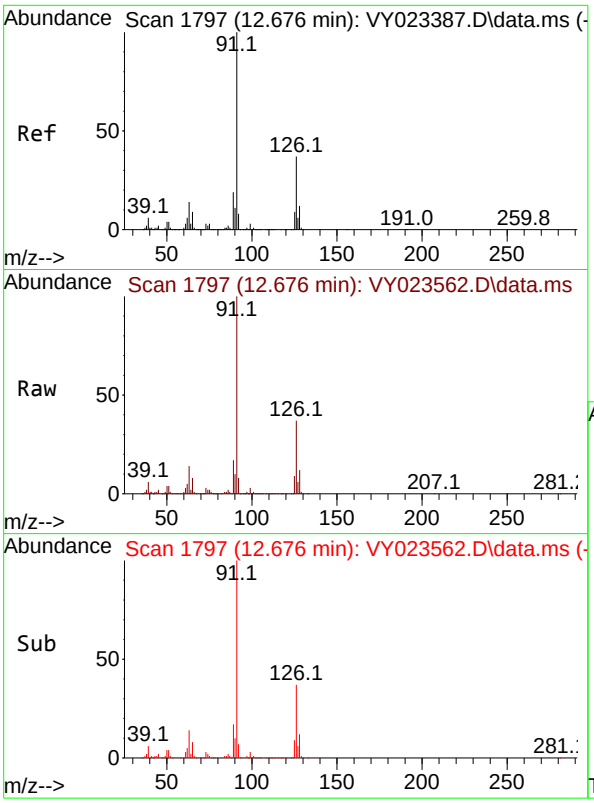


#78
n-propylbenzene
Concen: 21.905 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 602594

Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.3	36.8

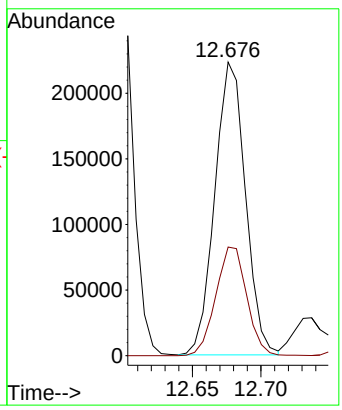




#79
2-Chlorotoluene
Concen: 21.582 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 34766

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.5	55.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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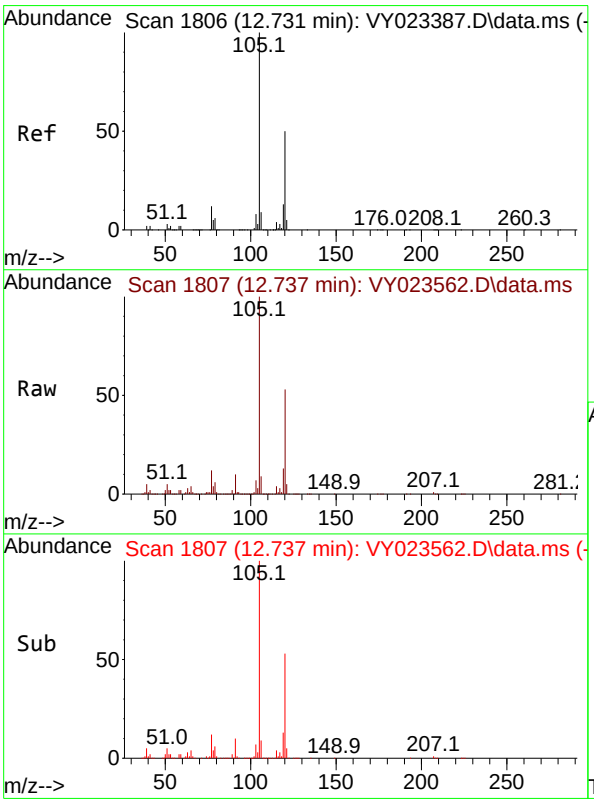
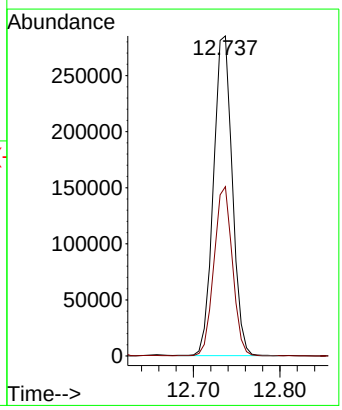
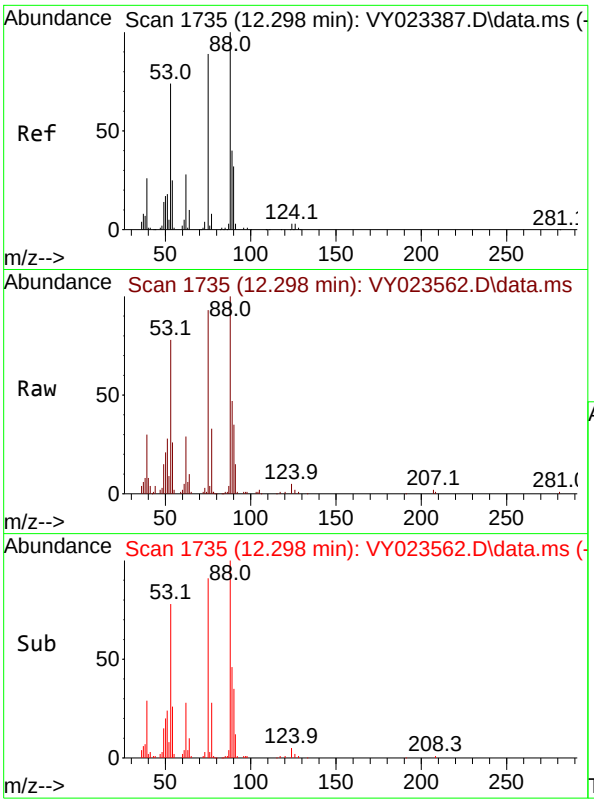


#80
1,3,5-Trimethylbenzene
Concen: 22.344 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 429209

Ion	Ratio	Lower	Upper
105	100		
120	51.9	25.4	76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.169 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 2747

Ion	Ratio	Lower	Upper
75	100		
53	82.2	68.6	102.8
89	49.7	39.0	58.4

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

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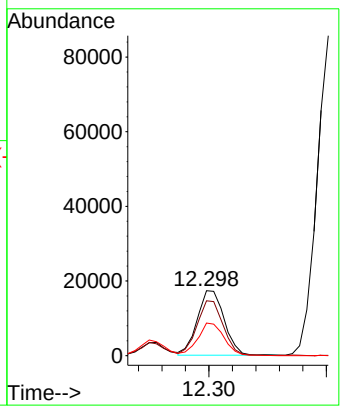
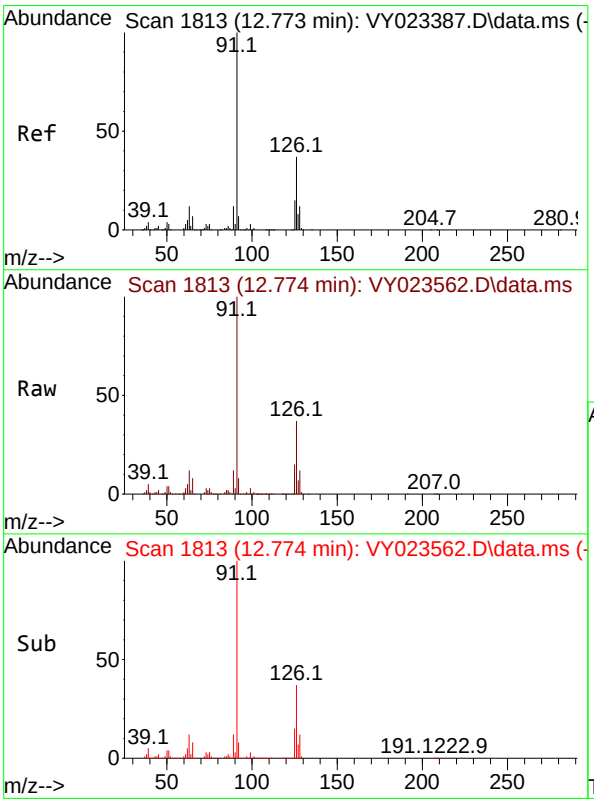
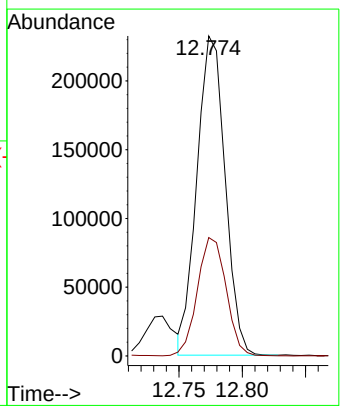


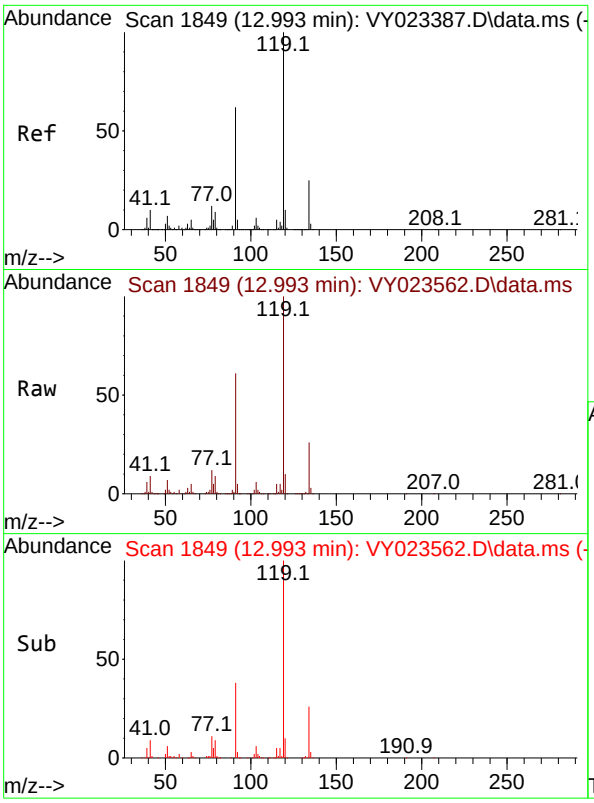


#82
4-Chlorotoluene
Concen: 21.703 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 360070

Ion	Ratio	Lower	Upper
91	100		
126	37.9	18.4	55.4





#83
tert-Butylbenzene
Concen: 22.492 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

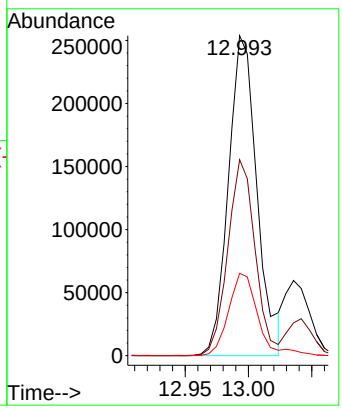
Tgt Ion:119 Resp: 39892

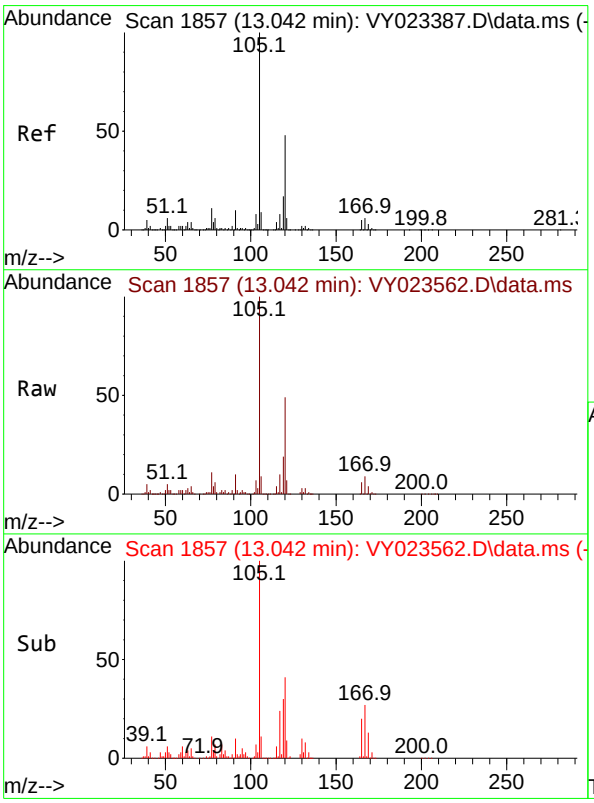
Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.9	89.8
134	26.5	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

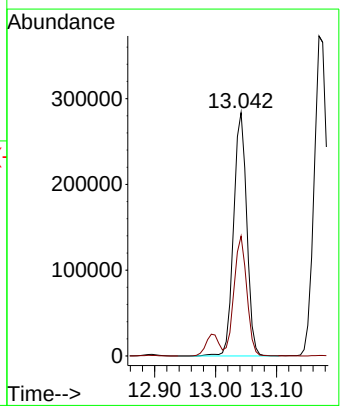


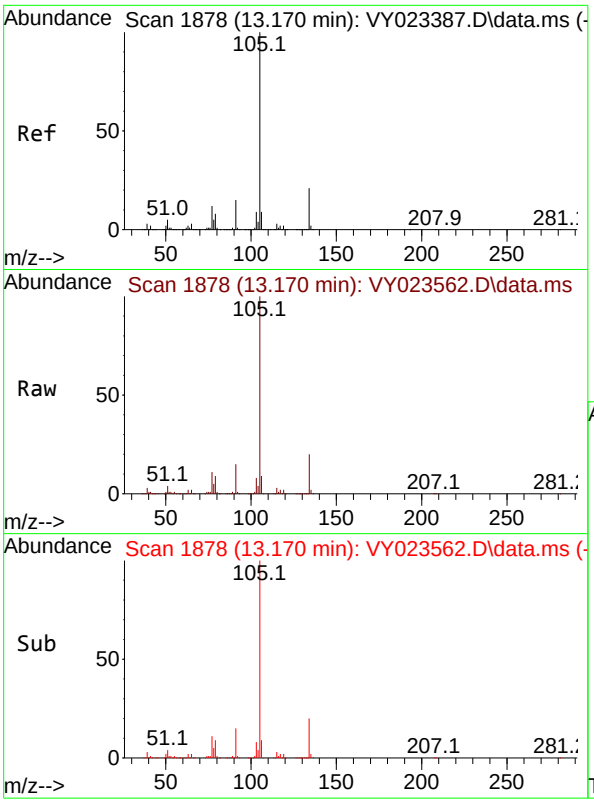


#84
1,2,4-Trimethylbenzene
Concen: 22.163 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 424880

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.2

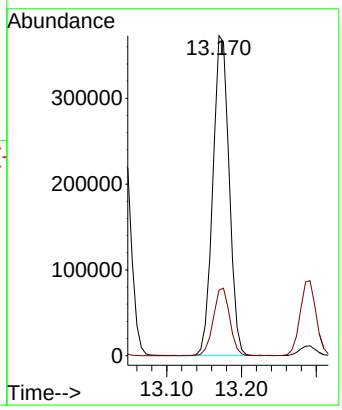




#85
sec-Butylbenzene
Concen: 22.184 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 56441

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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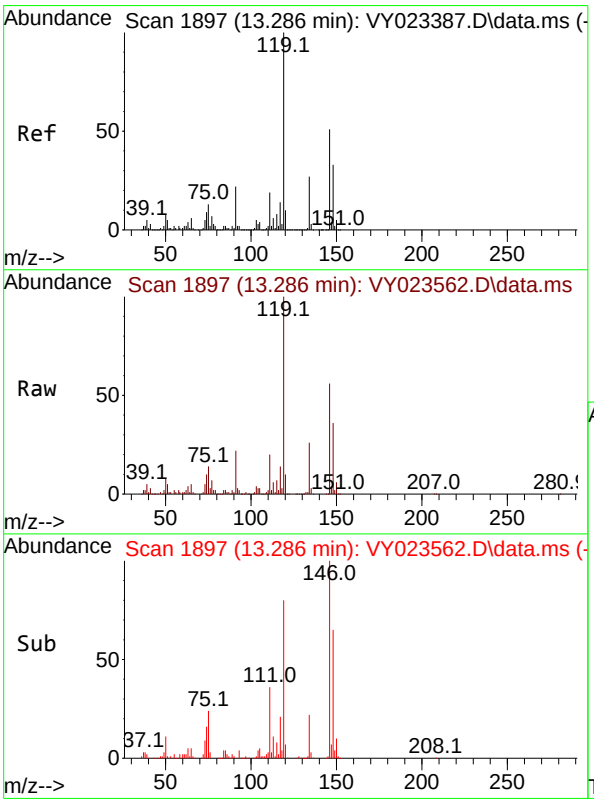
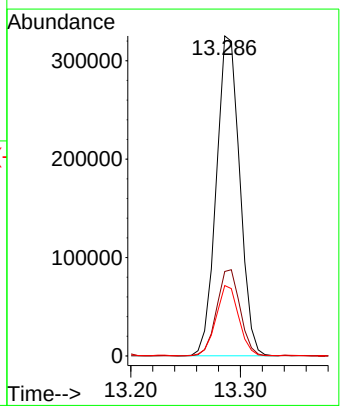
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

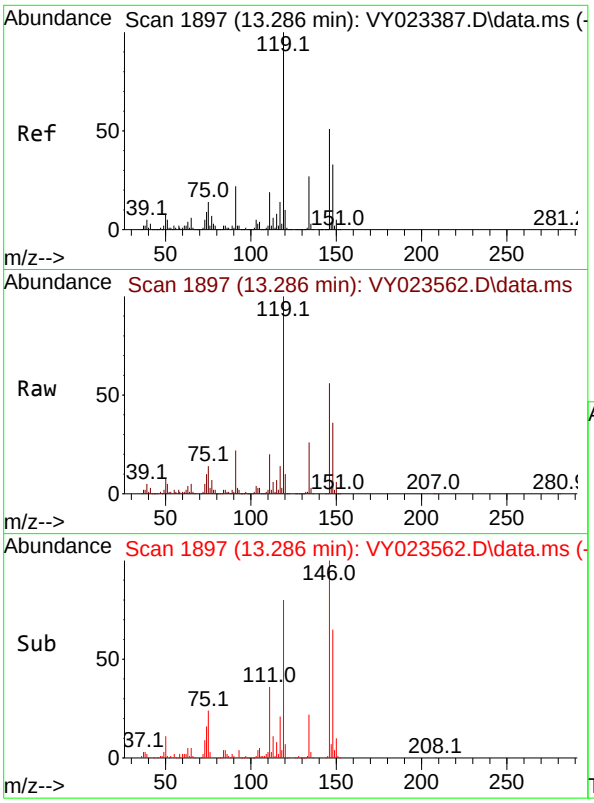


#86
p-Isopropyltoluene
Concen: 22.265 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:119 Resp: 482314

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	21.3	10.9	32.9

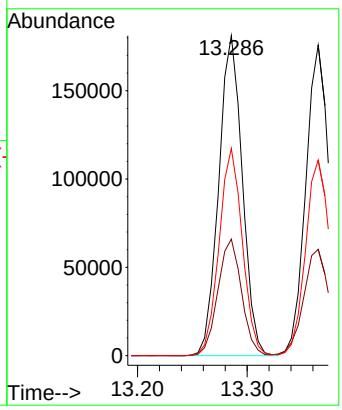




#87
1,3-Dichlorobenzene
Concen: 22.046 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:146 Resp: 27131

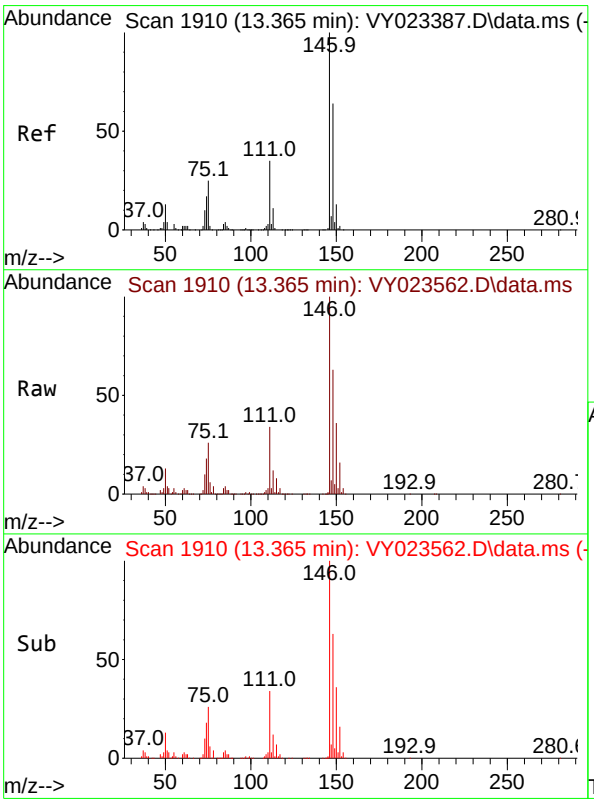
Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.0	31.9	95.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

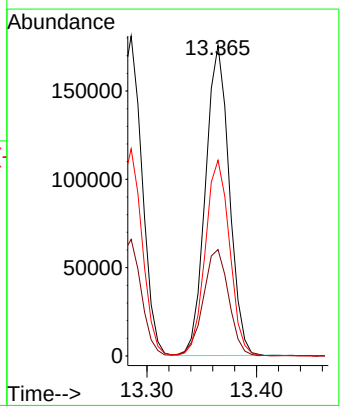
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

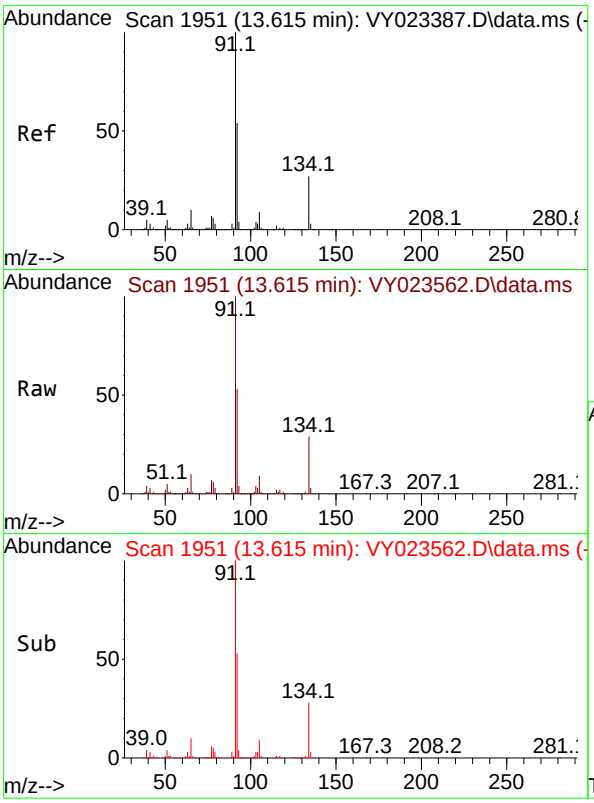


#88
1,4-Dichlorobenzene
Concen: 21.761 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:146 Resp: 264489

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.0	54.0
148	64.6	31.9	95.7

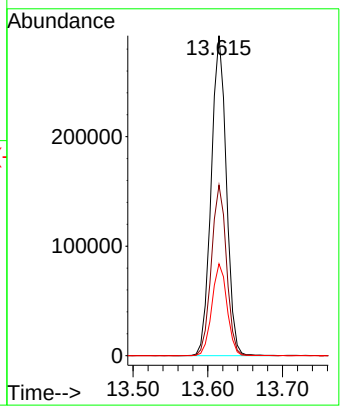




#89
n-Butylbenzene
Concen: 21.770 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 41091

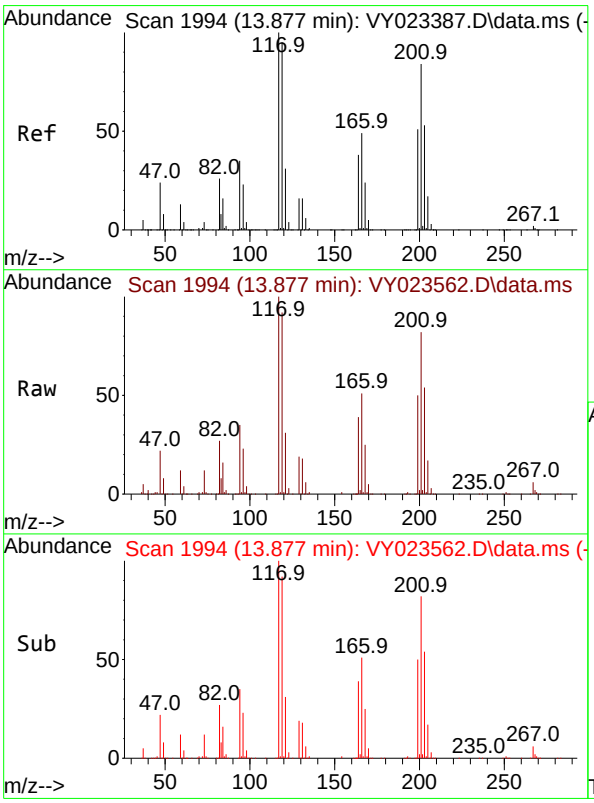
Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	80.8
134	28.7	14.1	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

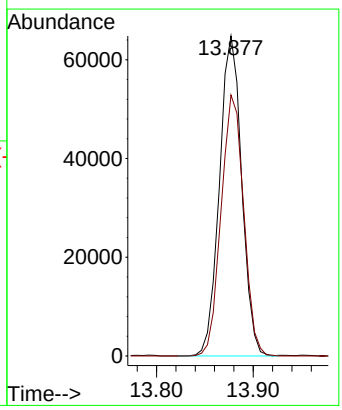
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

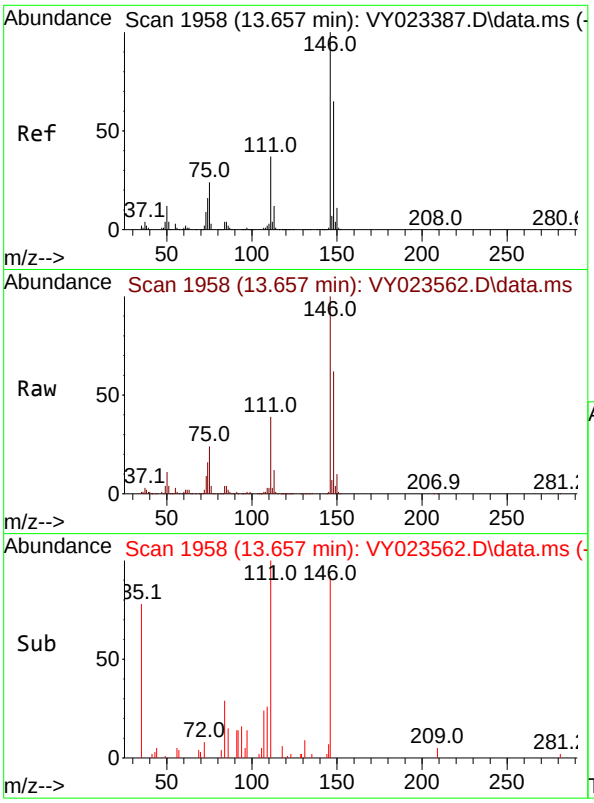


#90
Hexachloroethane
Concen: 22.140 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:117 Resp: 103152

Ion	Ratio	Lower	Upper
117	100		
201	82.6	43.8	131.4

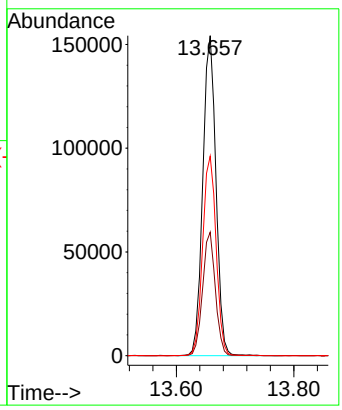




#91
1,2-Dichlorobenzene
Concen: 22.286 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:146 Resp: 24045

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.8	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
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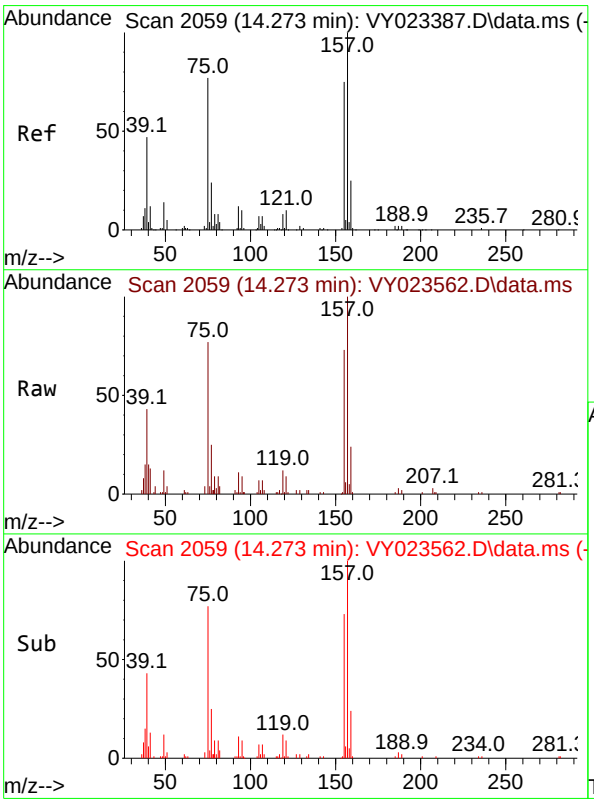
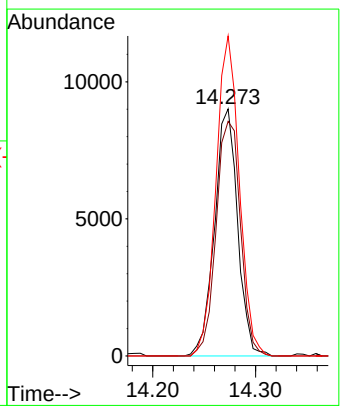
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

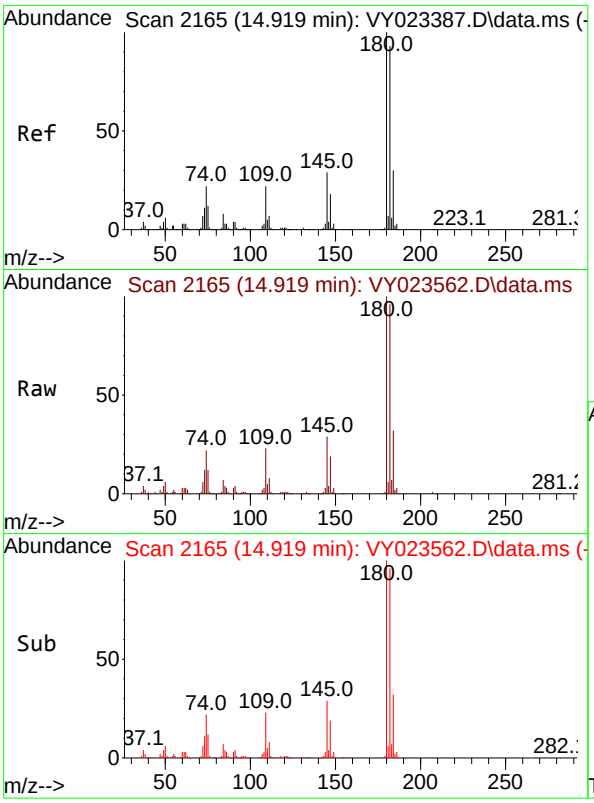


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.989 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 14028

Ion	Ratio	Lower	Upper
75	100		
155	100.3	50.0	150.0
157	130.8	63.8	191.5

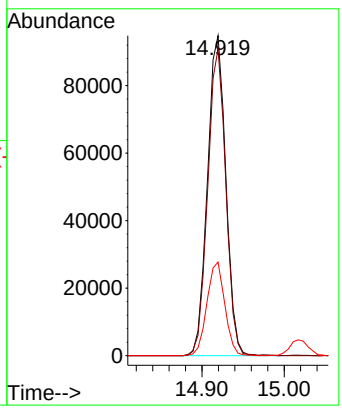




#93
1,2,4-Trichlorobenzene
Concen: 21.918 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:180 Resp: 14742

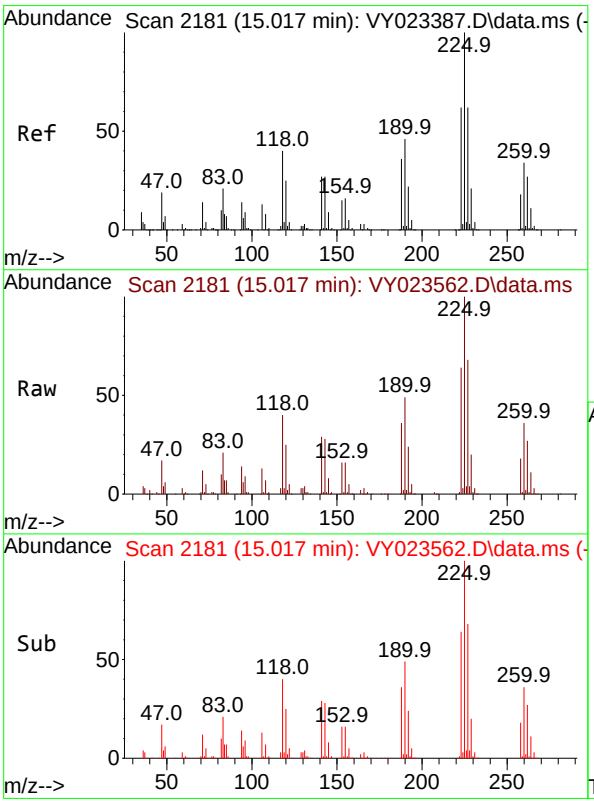
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	28.4	14.7	44.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

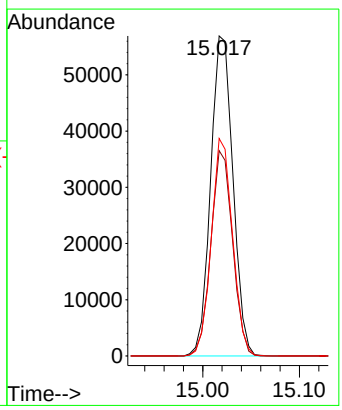
Reviewed By :Amit Patel 10/27/2025
Supervised By :Mahesh Dadoda 10/27/2025

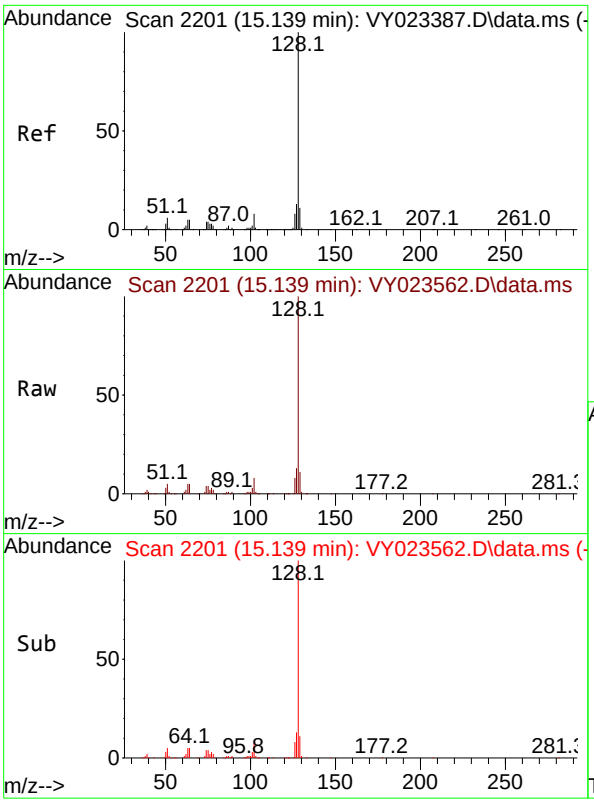


#94
Hexachlorobutadiene
Concen: 21.721 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:225 Resp: 91078

Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.3
227	64.8	31.9	95.7

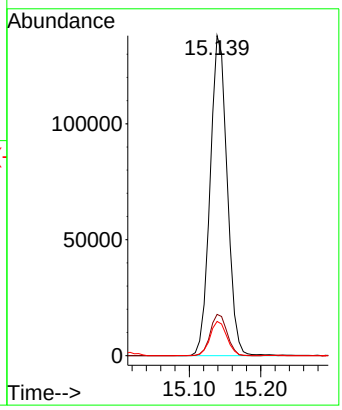




#95
Naphthalene
Concen: 21.355 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:128 Resp: 22873

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Manual Integrations
APPROVED

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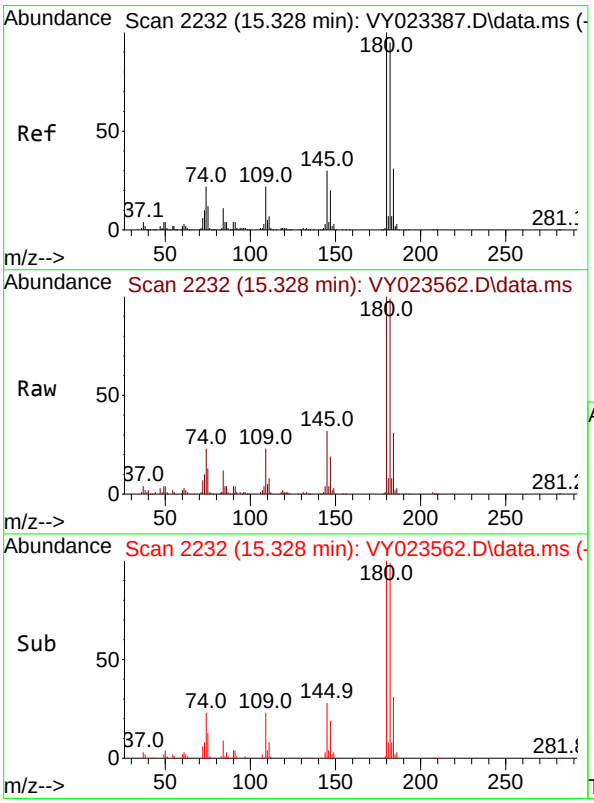
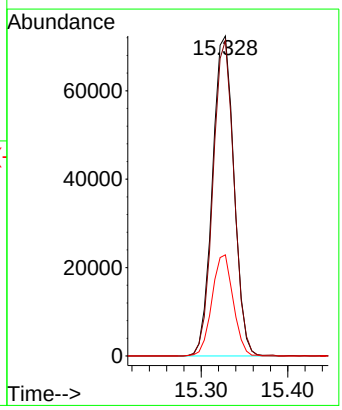


#96
1,2,3-Trichlorobenzene
Concen: 21.407 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:180 Resp: 124725

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.8
145	31.2	15.3	45.9



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Manual Integration Report

Sequence:	VX102025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048229.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	1,4-Dichlorobenzene	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Carbon Tetrachloride	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Ethyl Acetate	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC001	VX048229.D	Methacrylonitrile	JOHN	10/21/2025 8:03:22 AM	sam	10/21/2025 10:41:22 AM	Peak Integrated by Software
VSTDICC020	VX048231.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:30 AM	sam	10/21/2025 10:41:32 AM	Peak Integrated by Software
VSTDICCC050	VX048232.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:35 AM	sam	10/21/2025 10:41:38 AM	Peak Integrated by Software
VSTDICC100	VX048233.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:40 AM	sam	10/21/2025 10:42:36 AM	Peak Integrated by Software
VSTDICC150	VX048234.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:49 AM	sam	10/21/2025 10:43:04 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Ethyl Acetate	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICC005	VX048236.D	Methacrylonitrile	JOHN	10/21/2025 8:03:55 AM	sam	10/21/2025 10:41:42 AM	Peak Integrated by Software
VSTDICV050	VX048237.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:03:59 AM	sam	10/21/2025 10:41:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX102025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048250.D	1,2,3-Trichloropropane	JOHN	10/21/2025 8:04:26 AM	sam	10/21/2025 10:42:06 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	Vx102125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048252.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:49:54 AM	MMDadoda	10/24/2025 2:32:07 PM	Peak Integrated by Software
VX1021WBS01	VX048255.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:50:00 AM	MMDadoda	10/24/2025 2:32:10 PM	Peak Integrated by Software
VX1021WBSD01	VX048256.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:50:04 AM	MMDadoda	10/24/2025 2:32:14 PM	Peak Integrated by Software
VSTDCCC050	VX048278.D	1,2,3-Trichloropropane	JOHN	10/24/2025 8:50:16 AM	MMDadoda	10/24/2025 2:32:21 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	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:	Vy102425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023559.D	1,2,3-Trichloropropane	Amit	10/27/2025 9:01:50 AM	MMDadoda	10/27/2025 2:51:01 PM	Peak Integrated by Software
VY1024SBS01	VY023561.D	1,2,3-Trichloropropane	Amit	10/27/2025 9:01:57 AM	MMDadoda	10/27/2025 2:51:05 PM	Peak Integrated by Software
VY1024SBS01	VY023561.D	Methacrylonitrile	Amit	10/27/2025 9:01:57 AM	MMDadoda	10/27/2025 2:51:05 PM	Peak Integrated by Software
VY1024SBSD01	VY023562.D	1,2,3-Trichloropropane	Amit	10/27/2025 9:02:06 AM	MMDadoda	10/27/2025 2:51:08 PM	Peak Integrated by Software
VY1024SBSD01	VY023562.D	Methacrylonitrile	Amit	10/27/2025 9:02:06 AM	MMDadoda	10/27/2025 2:51:08 PM	Peak Integrated by Software
VSTDCCC050	VY023583.D	1,2,3-Trichloropropane	Amit	10/27/2025 9:02:32 AM	MMDadoda	10/27/2025 2:51:20 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048226.D	20 Oct 2025 08:15	JC/MD	Ok
2	VSTDCCC050	VX048227.D	20 Oct 2025 10:13	JC/MD	Ok
3	IBLK	VX048228.D	20 Oct 2025 10:38	JC/MD	Not Ok
4	VSTDICC001	VX048229.D	20 Oct 2025 10:59	JC/MD	Ok,M
5	VSTDICC005	VX048230.D	20 Oct 2025 11:20	JC/MD	Not Ok
6	VSTDICC020	VX048231.D	20 Oct 2025 11:40	JC/MD	Ok,M
7	VSTDICCC050	VX048232.D	20 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICC100	VX048233.D	20 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC150	VX048234.D	20 Oct 2025 12:43	JC/MD	Ok,M
10	IBLK	VX048235.D	20 Oct 2025 13:04	JC/MD	Ok
11	VSTDICC005	VX048236.D	20 Oct 2025 13:49	JC/MD	Ok,M
12	VSTDICV050	VX048237.D	20 Oct 2025 14:28	JC/MD	Ok,M
13	VX1020MBL01	VX048238.D	20 Oct 2025 14:56	JC/MD	Ok
14	VX1020WBL01	VX048239.D	20 Oct 2025 15:23	JC/MD	Ok
15	VX1020WBS01	VX048240.D	20 Oct 2025 15:50	JC/MD	Ok,M
16	Q3371-03	VX048241.D	20 Oct 2025 16:18	JC/MD	ReRun
17	Q3371-06	VX048242.D	20 Oct 2025 16:38	JC/MD	ReRun
18	Q3371-01	VX048243.D	20 Oct 2025 16:59	JC/MD	ReRun
19	Q3371-02	VX048244.D	20 Oct 2025 17:20	JC/MD	ReRun
20	Q3371-04	VX048245.D	20 Oct 2025 17:41	JC/MD	Ok
21	Q3371-05	VX048246.D	20 Oct 2025 18:02	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22	JC/MD	Ok,M
23	VX1020MBS01	VX048248.D	20 Oct 2025 18:43	JC/MD	Ok,M
24	Q3390-01	VX048249.D	20 Oct 2025 19:04	JC/MD	Ok
25	VSTDCCC050	VX048250.D	20 Oct 2025 19:25	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102125

Review By	John Carlone	Review On	10/23/2025 1:52:10 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:32:28 PM		
SubDirectory	VX102125	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135868
Initial Calibration Stds	
CCC	VP135869,VP135870
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048251.D	21 Oct 2025 08:12	JC/MD	Ok
2	VSTDCCC050	VX048252.D	21 Oct 2025 08:43	JC/MD	Ok,M
3	VX1021MBL01	VX048253.D	21 Oct 2025 09:12	JC/MD	Ok
4	VX1021WBL01	VX048254.D	21 Oct 2025 09:40	JC/MD	Ok
5	VX1021WBS01	VX048255.D	21 Oct 2025 10:06	JC/MD	Ok,M
6	VX1021WBSD01	VX048256.D	21 Oct 2025 10:33	JC/MD	Ok,M
7	Q3371-03	VX048257.D	21 Oct 2025 10:54	JC/MD	Ok
8	Q3371-01	VX048258.D	21 Oct 2025 11:15	JC/MD	Ok
9	Q3371-02	VX048259.D	21 Oct 2025 11:35	JC/MD	Ok
10	Q3371-06	VX048260.D	21 Oct 2025 11:56	JC/MD	Ok
11	Q3413-02	VX048261.D	21 Oct 2025 12:17	JC/MD	Ok
12	PB170148TB	VX048262.D	21 Oct 2025 12:37	JC/MD	Ok
13	Q3369-04	VX048263.D	21 Oct 2025 12:58	JC/MD	Ok
14	Q3369-08	VX048264.D	21 Oct 2025 13:19	JC/MD	Ok
15	Q3374-04	VX048265.D	21 Oct 2025 13:40	JC/MD	Ok,M
16	Q3374-08	VX048266.D	21 Oct 2025 14:00	JC/MD	Ok
17	Q3381-02	VX048267.D	21 Oct 2025 14:21	JC/MD	Ok
18	Q3381-04	VX048268.D	21 Oct 2025 14:42	JC/MD	Ok
19	Q3381-06	VX048269.D	21 Oct 2025 15:02	JC/MD	Ok
20	Q3381-08	VX048270.D	21 Oct 2025 15:23	JC/MD	Ok
21	Q3392-04	VX048271.D	21 Oct 2025 15:44	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102125

Review By	John Carlone	Review On	10/23/2025 1:52:10 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:32:28 PM		
SubDirectory	VX102125	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135868
Initial Calibration Stds	
CCC	VP135869,VP135870
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3392-08	VX048272.D	21 Oct 2025 16:04	JC/MD	Ok
23	IBLK	VX048273.D	21 Oct 2025 16:25	JC/MD	Ok
24	Q3400-01	VX048274.D	21 Oct 2025 16:46	JC/MD	Ok
25	Q3361-01DL	VX048275.D	21 Oct 2025 17:07	JC/MD	Ok
26	IBLK	VX048276.D	21 Oct 2025 17:27	JC/MD	Ok
27	Q3376-07	VX048277.D	21 Oct 2025 17:48	JC/MD	Ok
28	VSTDCCC050	VX048278.D	21 Oct 2025 18:09	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102425

Review By	Amit Patel	Review On	10/27/2025 2:54:16 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:54:33 PM				
SubDirectory	VY102425	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135928
Initial Calibration Stds	
CCC	VP135929,VP135930
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	VY023558.D	24 Oct 2025 07:47	SY/MD	Ok
2	VSTDCCC050	VY023559.D	24 Oct 2025 08:56	SY/MD	Ok,M
3	VY1024SBL01	VY023560.D	24 Oct 2025 09:24	SY/MD	Ok
4	VY1024SBS01	VY023561.D	24 Oct 2025 09:52	SY/MD	Ok,M
5	VY1024SBSD01	VY023562.D	24 Oct 2025 10:14	SY/MD	Ok,M
6	Q3431-01	VY023563.D	24 Oct 2025 10:58	SY/MD	Not Ok
7	Q3413-01	VY023564.D	24 Oct 2025 11:21	SY/MD	Ok
8	VIBLK	VY023565.D	24 Oct 2025 11:44	SY/MD	Ok
9	Q3431-01	VY023566.D	24 Oct 2025 12:30	SY/MD	Ok
10	Q3445-01	VY023567.D	24 Oct 2025 12:54	SY/MD	Ok
11	Q3439-03	VY023568.D	24 Oct 2025 13:17	SY/MD	Ok
12	Q3439-07	VY023569.D	24 Oct 2025 13:41	SY/MD	Ok
13	Q3440-03	VY023570.D	24 Oct 2025 14:04	SY/MD	Ok
14	Q3434-01	VY023571.D	24 Oct 2025 14:28	SY/MD	Ok
15	Q3449-02	VY023572.D	24 Oct 2025 14:51	SY/MD	Ok
16	Q3451-03	VY023573.D	24 Oct 2025 15:15	SY/MD	Ok
17	Q3451-07	VY023574.D	24 Oct 2025 15:38	SY/MD	Ok
18	Q3452-03	VY023575.D	24 Oct 2025 16:01	SY/MD	Ok
19	Q3460-03	VY023576.D	24 Oct 2025 16:25	SY/MD	Ok
20	Q3460-07	VY023577.D	24 Oct 2025 16:48	SY/MD	Ok
21	Q3460-11	VY023578.D	24 Oct 2025 17:12	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102425

Review By	Amit Patel	Review On	10/27/2025 2:54:16 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:54:33 PM				
SubDirectory	VY102425	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135928
Initial Calibration Stds	
CCC	VP135929,VP135930
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3460-15	VY023579.D	24 Oct 2025 17:35	SY/MD	Ok
23	Q3419-02MS	VY023580.D	24 Oct 2025 17:58	SY/MD	Ok,M
24	Q3419-03MSD	VY023581.D	24 Oct 2025 18:20	SY/MD	Ok,M
25	VIBLK	VY023582.D	24 Oct 2025 18:44	SY/MD	Ok
26	VSTDCCC050	VY023583.D	24 Oct 2025 19:06	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
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	VX048226.D	20 Oct 2025 08:15		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048227.D	20 Oct 2025 10:13		JC/MD	Ok
3	IBLK	IBLK	VX048228.D	20 Oct 2025 10:38		JC/MD	Not Ok
4	VSTDICC001	VSTDICC001	VX048229.D	20 Oct 2025 10:59	LR-58,94	JC/MD	Ok,M
5	VSTDICC005	VSTDICC005	VX048230.D	20 Oct 2025 11:20		JC/MD	Not Ok
6	VSTDICC020	VSTDICC020	VX048231.D	20 Oct 2025 11:40		JC/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VX048232.D	20 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICC100	VSTDICC100	VX048233.D	20 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC150	VSTDICC150	VX048234.D	20 Oct 2025 12:43		JC/MD	Ok,M
10	IBLK	IBLK	VX048235.D	20 Oct 2025 13:04		JC/MD	Ok
11	VSTDICC005	VSTDICC005	VX048236.D	20 Oct 2025 13:49		JC/MD	Ok,M
12	VSTDICV050	ICVVX102025	VX048237.D	20 Oct 2025 14:28	pH#Lot#V12668	JC/MD	Ok,M
13	VX1020MBL01	VX1020MBL01	VX048238.D	20 Oct 2025 14:56		JC/MD	Ok
14	VX1020WBL01	VX1020WBL01	VX048239.D	20 Oct 2025 15:23		JC/MD	Ok
15	VX1020WBS01	VX1020WBS01	VX048240.D	20 Oct 2025 15:50		JC/MD	Ok,M
16	Q3371-03	VPB184-HYD-2025101	VX048241.D	20 Oct 2025 16:18	vial A pH<2 Surrogate Fail	JC/MD	ReRun
17	Q3371-06	VPB184-HYD-2025101	VX048242.D	20 Oct 2025 16:38	vial A pH<2 Surrogate Fail	JC/MD	ReRun
18	Q3371-01	BP-VPB-184-TB-20251	VX048243.D	20 Oct 2025 16:59	vial A pH<2 TB; Surrogate Fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102025

Review By	John Carlone	Review On	10/21/2025 8:15:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/21/2025 10:44:02 AM		
SubDirectory	VX102025	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135849
Initial Calibration Stds	VP135851,VP135852,VP135853,VP135854,VP135855,VP135856
CCC	VP135850
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3371-02	BP-VPB-184-EB-20251	VX048244.D	20 Oct 2025 17:20	vial A pH<2 EB; Surrogate Fail; Hit of com.#16	JC/MD	ReRun
20	Q3371-04	BP-VPB-184-GW-915-9	VX048245.D	20 Oct 2025 17:41	vial A pH<2	JC/MD	Ok
21	Q3371-05	BP-VPB-184-GW-920-9	VX048246.D	20 Oct 2025 18:02	vial A pH<2	JC/MD	Ok
22	VX1020WBSD01	VX1020WBSD01	VX048247.D	20 Oct 2025 18:22		JC/MD	Ok,M
23	VX1020MBS01	VX1020MBS01	VX048248.D	20 Oct 2025 18:43		JC/MD	Ok,M
24	Q3390-01	4174	VX048249.D	20 Oct 2025 19:04	cloth material	JC/MD	Ok
25	VSTDCCC050	VSTDCCC050EC	VX048250.D	20 Oct 2025 19:25		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102125

Review By	John Carlone	Review On	10/23/2025 1:52:10 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:32:28 PM		
SubDirectory	VX102125	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135868
Initial Calibration Stds	
CCC	VP135869,VP135870
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	VX048251.D	21 Oct 2025 08:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048252.D	21 Oct 2025 08:43	pH#Lot#V12668	JC/MD	Ok,M
3	VX1021MBL01	VX1021MBL01	VX048253.D	21 Oct 2025 09:12		JC/MD	Ok
4	VX1021WBL01	VX1021WBL01	VX048254.D	21 Oct 2025 09:40		JC/MD	Ok
5	VX1021WBS01	VX1021WBS01	VX048255.D	21 Oct 2025 10:06		JC/MD	Ok,M
6	VX1021WBSD01	VX1021WBSD01	VX048256.D	21 Oct 2025 10:33		JC/MD	Ok,M
7	Q3371-03	VPB184-HYD-2025101	VX048257.D	21 Oct 2025 10:54	vial B pH<2	JC/MD	Ok
8	Q3371-01	BP-VPB-184-TB-20251	VX048258.D	21 Oct 2025 11:15	vial B pH<2 TB	JC/MD	Ok
9	Q3371-02	BP-VPB-184-EB-20251	VX048259.D	21 Oct 2025 11:35	vial B pH<2 EB	JC/MD	Ok
10	Q3371-06	VPB184-HYD-2025101	VX048260.D	21 Oct 2025 11:56	vial B pH<2	JC/MD	Ok
11	Q3413-02	BP-VPB-184-TB-20251	VX048261.D	21 Oct 2025 12:17	vial A pH<2 TB	JC/MD	Ok
12	PB170148TB	PB170148TB	VX048262.D	21 Oct 2025 12:37		JC/MD	Ok
13	Q3369-04	MH-22	VX048263.D	21 Oct 2025 12:58	vial A pH#5.0	JC/MD	Ok
14	Q3369-08	MH-21	VX048264.D	21 Oct 2025 13:19	vial A pH#5.0	JC/MD	Ok
15	Q3374-04	TP-4-WC	VX048265.D	21 Oct 2025 13:40	vial A pH#5.0	JC/MD	Ok,M
16	Q3374-08	TP-5-WC	VX048266.D	21 Oct 2025 14:00	vial A pH#5.0	JC/MD	Ok
17	Q3381-02	VNJ-222	VX048267.D	21 Oct 2025 14:21	vial A pH#5.0	JC/MD	Ok
18	Q3381-04	VNJ-245	VX048268.D	21 Oct 2025 14:42	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102125

Review By	John Carlone	Review On	10/23/2025 1:52:10 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/24/2025 2:32:28 PM		
SubDirectory	VX102125	HP Acquire Method		HP Processing Method	82X102025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135868
Initial Calibration Stds	
CCC	VP135869,VP135870
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3381-06	RBR200059	VX048269.D	21 Oct 2025 15:02	vial A pH#5.0	JC/MD	Ok
20	Q3381-08	VNJ-255	VX048270.D	21 Oct 2025 15:23	vial A pH#5.0	JC/MD	Ok
21	Q3392-04	MH-20	VX048271.D	21 Oct 2025 15:44	vial A pH#5.0	JC/MD	Ok
22	Q3392-08	MH-19	VX048272.D	21 Oct 2025 16:04	vial A pH#5.0	JC/MD	Ok
23	IBLK	IBLK	VX048273.D	21 Oct 2025 16:25		JC/MD	Ok
24	Q3400-01	FRAC-TANK-0760450	VX048274.D	21 Oct 2025 16:46	vial A+B pH<2	JC/MD	Ok
25	Q3361-01DL	VOA 251015111-01DL	VX048275.D	21 Oct 2025 17:07	vial B pH#6.0	JC/MD	Ok
26	IBLK	IBLK	VX048276.D	21 Oct 2025 17:27		JC/MD	Ok
27	Q3376-07	PR132-FB01-20251016	VX048277.D	21 Oct 2025 17:48	vial A pH<2	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX048278.D	21 Oct 2025 18:09		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102425

Review By	Amit Patel	Review On	10/27/2025 2:54:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:54:33 PM		
SubDirectory	VY102425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135928
Initial Calibration Stds	
CCC	VP135929,VP135930
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	VY023558.D	24 Oct 2025 07:47		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023559.D	24 Oct 2025 08:56		SY/MD	Ok,M
3	VY1024SBL01	VY1024SBL01	VY023560.D	24 Oct 2025 09:24		SY/MD	Ok
4	VY1024SBS01	VY1024SBS01	VY023561.D	24 Oct 2025 09:52		SY/MD	Ok,M
5	VY1024SBSD01	VY1024SBSD01	VY023562.D	24 Oct 2025 10:14		SY/MD	Ok,M
6	Q3431-01	EO-02-10222025	VY023563.D	24 Oct 2025 10:58	vial-A	SY/MD	Not Ok
7	Q3413-01	BP-VPB-184-GW-980-9	VY023564.D	24 Oct 2025 11:21	vial-B	SY/MD	Ok
8	VIBLK	VIBLK	VY023565.D	24 Oct 2025 11:44		SY/MD	Ok
9	Q3431-01	EO-02-10222025	VY023566.D	24 Oct 2025 12:30	vial-B	SY/MD	Ok
10	Q3445-01	EO-01-102325	VY023567.D	24 Oct 2025 12:54	vial-A	SY/MD	Ok
11	Q3439-03	TP-9-VOC	VY023568.D	24 Oct 2025 13:17	vial-A	SY/MD	Ok
12	Q3439-07	TP-10-VOC	VY023569.D	24 Oct 2025 13:41	vial-A	SY/MD	Ok
13	Q3440-03	JB-2-VOC	VY023570.D	24 Oct 2025 14:04	vial-A	SY/MD	Ok
14	Q3434-01	PR132-WC1-20251022	VY023571.D	24 Oct 2025 14:28	vial-A	SY/MD	Ok
15	Q3449-02	CF-620-VOC-41	VY023572.D	24 Oct 2025 14:51	vial-A	SY/MD	Ok
16	Q3451-03	TP-11-VOC	VY023573.D	24 Oct 2025 15:15	vial-A	SY/MD	Ok
17	Q3451-07	TP-12-VOC	VY023574.D	24 Oct 2025 15:38	vial-A	SY/MD	Ok
18	Q3452-03	JB-1-VOC	VY023575.D	24 Oct 2025 16:01	vial-A	SY/MD	Ok

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY102425

Review By	Amit Patel	Review On	10/27/2025 2:54:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/27/2025 2:54:33 PM		
SubDirectory	VY102425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135928
Initial Calibration Stds	
CCC	VP135929,VP135930
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3460-03	WC-1-VOC	VY023576.D	24 Oct 2025 16:25	vial-A	SY/MD	Ok
20	Q3460-07	WC-2-VOC	VY023577.D	24 Oct 2025 16:48	vial-A	SY/MD	Ok
21	Q3460-11	WC-3-VOC	VY023578.D	24 Oct 2025 17:12	vial-A	SY/MD	Ok
22	Q3460-15	WC-4-VOC	VY023579.D	24 Oct 2025 17:35	vial-A	SY/MD	Ok
23	Q3419-02MS	PR-132-S16-015094-20	VY023580.D	24 Oct 2025 17:58	vial-A	SY/MD	Ok,M
24	Q3419-03MSD	PR-132-S16-015094-20	VY023581.D	24 Oct 2025 18:20	vial-A	SY/MD	Ok,M
25	VIBLK	VIBLK	VY023582.D	24 Oct 2025 18:44		SY/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VY023583.D	24 Oct 2025 19:06		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3399-01	COMP-ROLLOFF	13	1.15	10.96	12.11	11.00	89.9	
Q3401-01	41-CONCRETE	1	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3402-01	41-LA	2	1.15	10.90	12.05	8.69	69.2	
Q3402-02	41-LA-E2	3	1.13	10.64	11.77	10.2	85.2	
Q3402-04	41-RA	4	1.16	10.73	11.89	7.61	60.1	
Q3402-05	41-RA-E2	5	1.16	10.98	12.14	7.39	56.7	
Q3402-07	41-LB	6	1.16	10.77	11.93	8.26	65.9	
Q3402-08	41-LB-E2	7	1.16	10.95	12.11	6.22	46.2	
Q3402-10	41-RB	8	1.11	10.87	11.98	7.01	54.3	
Q3402-11	41-RB-E2	9	1.15	10.68	11.83	9.78	80.8	
Q3403-01	MH-18	10	1.19	10.49	11.68	10.75	91.1	
Q3403-02	MH-18-EPH	11	1.16	10.66	11.82	10.8	90.4	
Q3403-03	MH-18-VOC	12	1.19	11.37	12.56	11.59	91.5	
Q3404-01	MOO-25-0285-0288	14	1.15	10.74	11.89	10.22	84.5	
Q3404-03	MOO-25-0285-0288-E2	15	1.19	10.42	11.61	9.77	82.3	
Q3404-04	MOO-25-0292	16	1.18	10.22	11.4	10.5	91.2	
Q3404-07	MOO-25-0292-EPH-2	17	1.14	10.27	11.41	10.44	90.6	
Q3405-01	PAD-10-20-25-A	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-02	PAD-10-20-25-B	19	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-03	PAD-10-20-25-C	20	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3405-04	SW-10-20-25-A	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3406-01	ARS20-0037	22	1.18	11.19	12.37	11.24	89.9	
Q3406-03	ARS20-0037-E2	23	1.18	11.48	12.66	11.4	89.0	
Q3407-01	L35-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-02	L35-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-03	L36-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-04	L36-B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-05	L37-A	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3407-06	L37-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-07	L38-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-08	L38-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-09	L39-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-10	L39-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-11	L40-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-12	L40-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-13	L41-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-14	L41-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-15	L42-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-16	L42-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-17	L43-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-18	L43-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-19	L44-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-20	L44-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-21	L45-A	44	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-22	L45-B	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-23	L46-A	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-24	L46-B	47	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-25	L47-A	48	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-26	L47-B	49	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-27	L48-A	50	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-28	L48-B	51	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-29	L49-A	52	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-30	L49-B	53	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-31	L50-A	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-32	L50-B	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-33	L51-A	56	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3407-34	L51-B	57	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-35	L52-A	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-36	L52-B	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-37	L53-A	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-38	L53-B	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-39	245F69-A	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-40	245F69-B	63	1.00	1.00	2.00	2.00	100.0	PILC
Q3408-01	ASPHALT-A	64	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-02	ASPHALT-B	65	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-03	ASPHALT-C	66	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-04	ASPHALT-D	67	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3409-01	EXCAVATION-AREA-A	68	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3409-02	EXCAVATION-AREA-B	69	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3410-01	WASTE	70	1.14	10.45	11.59	9.59	80.9	
Q3410-02	VOC	71	1.15	10.55	11.7	9.64	80.5	
Q3410-03	1	72	1.15	10.97	12.12	9.89	79.7	
Q3410-04	2	73	1.13	11.27	12.4	11.24	89.7	
Q3410-05	3	74	1.16	10.62	11.78	9.6	79.5	
Q3410-06	4	75	1.12	10.50	11.62	9.76	82.3	
Q3410-07	5	76	1.16	10.50	11.66	9.43	78.8	
Q3412-01	TP-6	77	1.14	10.81	11.95	10.84	89.7	
Q3412-02	TP-6-EPH	78	1.18	10.73	11.91	10.7	88.7	
Q3412-03	TP-6-VOC	79	1.15	10.52	11.67	10.38	87.7	
Q3413-01	BP-VPB-184-GW-980-982	80	1.14	11.55	12.69	2.00	7.4	sludge sample
Q3414-01	SB-1	81	1.13	10.12	11.25	11.17	99.2	
Q3414-02	SB-2	82	1.15	10.62	11.77	11.6	98.4	
Q3414-03	SB-3	83	1.13	10.53	11.66	11.4	97.5	
Q3414-04	SB-4	84	1.14	10.28	11.42	11.3	98.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137592

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
Q3414-05	SB-5	85	1.16	10.25	11.41	11.34	99.3	
Q3414-06	SB-6	86	1.18	10.36	11.54	11.49	99.5	
Q3414-07	SB-7	87	1.15	10.25	11.4	11.26	98.6	
Q3414-08	SB-8	88	1.19	10.25	11.44	11.14	97.1	
Q3414-09	SB-9	89	1.16	10.31	11.47	11.18	97.2	
Q3414-10	SB-10	90	1.14	10.55	11.69	11.6	99.1	
Q3414-11	SB-11	91	1.19	10.20	11.39	11.04	96.6	
Q3414-12	SB-12	92	1.18	10.10	11.28	10.9	96.2	
Q3414-13	SB-13	93	1.14	10.06	11.2	10.85	96.5	
Q3415-01	50841	94	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-02	50842	95	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-03	50843	96	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3416-01	NB-08-10212025	97	1.15	10.52	11.67	11.02	93.8	
Q3416-02	NB-08-10212025-E2	98	1.18	10.92	12.1	11.43	93.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LM 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3401-01	41-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-01	41-LA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-02	41-LA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-04	41-RA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-05	41-RA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-07	41-LB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-08	41-LB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-10	41-RB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-11	41-RB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3403-01	MH-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-02	MH-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-03	MH-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-01	MOO-25-0285-0288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-03	MOO-25-0285-0288-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-04	MOO-25-0292	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-07	MOO-25-0292-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3405-01	PAD-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-02	PAD-10-20-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-03	PAD-10-20-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-04	SW-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/21/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

WL 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3406-01	ARS20-0037	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3406-03	ARS20-0037-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3407-01	L35-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-02	L35-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-03	L36-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-04	L36-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-05	L37-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-06	L37-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-07	L38-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-08	L38-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-09	L39-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-10	L39-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-11	L40-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-12	L40-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-13	L41-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-14	L41-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-15	L42-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-16	L42-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-17	L43-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-18	L43-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-19	L44-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 1500

Raw Sample Received by: BB WPC

Raw Sample Relinquished by:

Date/Time 10/21/25 1730

Raw Sample Received by:

Raw Sample Relinquished by: BB WPC

WORKLIST(Hardcopy Internal Chain)

VB 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3407-20	L44-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-21	L45-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-22	L45-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-23	L46-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-24	L46-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-25	L47-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-26	L47-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-27	L48-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-28	L48-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-29	L49-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-30	L49-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-31	L50-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-32	L50-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-33	L51-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-34	L51-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-35	L52-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-36	L52-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-37	L53-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-38	L53-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-39	245F69-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-40	245F69-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 1510

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 10/21/25 1730

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

WORKLIST(Hardcopy Internal Chain)

VB 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3408-01	ASPHALT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-02	ASPHALT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-03	ASPHALT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-04	ASPHALT-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-01	EXCAVATION-AREA-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-02	EXCAVATION-AREA-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3410-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3412-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3413-01	BP-VPB-184-GW-980-982	Solid	Percent Solids	Cool 4 deg C	TETR06	D31	10/17/2025	Chemtech -SO
Q3414-01	SB-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-02	SB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-03	SB-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-04	SB-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO

Date/Time 10/21/25 1500

Raw Sample Received by: TB WEC

Raw Sample Relinquished by: CP

Date/Time 10/21/25 1730

Raw Sample Received by: CP

Raw Sample Relinquished by: TB WEC

WORKLIST(Hardcopy Internal Chain)

VA 137592

WorkList Name : %1-102125 **WorkList ID :** 192565 **Department :** Wet-Chemistry **Date :** 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3414-05	SB-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-06	SB-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-07	SB-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-08	SB-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-09	SB-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-10	SB-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-11	SB-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-12	SB-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-13	SB-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3415-01	50841	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-02	50842	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-03	50843	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3416-01	NB-08-10212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3416-02	NB-08-10212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3418-01	101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-02	101725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-03	101725-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/21/25 17:30
Raw Sample Received by:
Raw Sample Relinquished by:

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

Prep Standard - Chemical Standard Summary

Order ID : Q3413

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: Vx102125,VY102125,Vy102425,

Standard ID :
VP133934,VP134142,VP134147,VP134149,VP134150,VP134933,VP134934,VP134956,VP134957,VP135552,VP135553,VP135834,VP135835,VP135868,VP135869,VP135870,VP135871,VP135872,VP135873,VP135928,VP135929,VP135930,

Chemical ID :
V13391,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14727,V14728,V14803,V14815,V14844,V14906,V14921,V14928,V14929,V14951,V14952,V15073,V15074,V15075,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
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
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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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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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
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = 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
249	8260 Surrogate, 100PPM	VP134934	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.10000ml of V14906 + 24.90000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = 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	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135552	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 0.40000ml of V14844 + 1.00000ml of V14200 + 1.00000ml of V14509 + 1.00000ml of V14510 + 1.00000ml of V14531 + 1.00000ml of V14532 + 1.00000ml of V14727 + 1.00000ml of V14728 + 1.00000ml of V14803 + 1.00000ml of V14815 + 1.00000ml of V14951 + 1.00000ml of V14952 + 1.50000ml of V14204 + 1.50000ml of V14205 + 10.60000ml of V14928 = 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
244	8260 Calibration Working STD Mix-First source, 100PPM	VP135553	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 5.62500ml of V14928 + 9.37500ml of VP135552 = Final Quantity: 15.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135834	10/17/2025	11/16/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 1.00000ml of V15073 + 1.50000ml of V15074 + 1.50000ml of V15075 + 21.00000ml of V14928 = 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
56	8260 Working STD (Acrolein) -first source, 500PPM	VP135835	10/17/2025	11/16/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 7.50000ml of V14928 + 12.50000ml of VP135834 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135868	10/21/2025	10/22/2025	John Carlone	None	None	Mahesh Dadoda 10/21/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = 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	VP135869	10/21/2025	10/22/2025	John Carlone	None	None	Mahesh Dadoda 10/21/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135552 + 0.01250ml of VP135834 = 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	VP135870	10/21/2025	10/22/2025	John Carlone	None	None	Mahesh Dadoda 10/21/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135552 + 0.01250ml of VP135834 = Final Quantity: 40.000 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
732	BFB TUNE CHECK - SOIL	VP135871	10/21/2025	10/22/2025	Amit Patel	None	None	Mahesh Dadoda 10/21/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP134957 = 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	VP135872	10/21/2025	10/22/2025	Amit Patel	None	None	Mahesh Dadoda 10/21/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135553 + 0.00250ml of VP135835 + 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	VP135873	10/21/2025	10/22/2025	Amit Patel	None	None	Mahesh Dadoda 10/21/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135553 + 0.00250ml of VP135835 + 0.00500ml of VP133934 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP135928	10/24/2025	10/25/2025	Amit Patel	None	None	Mahesh Dadoda 10/29/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP134957 = Final Quantity: 5.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP135929	10/24/2025	10/25/2025	Amit Patel	None	None	Mahesh Dadoda 10/29/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135553 + 0.00250ml of VP135835 + 0.00500ml of VP133934 = 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	VP135930	10/24/2025	10/25/2025	Amit Patel	None	None	Mahesh Dadoda 10/29/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135553 + 0.00250ml of VP135835 + 0.00500ml of VP133934 = Final Quantity: 5.000 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	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14200

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	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14204

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	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14205

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 #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14509

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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	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14510

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	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14531

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	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14532

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	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

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

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

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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	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

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

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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	V14675

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	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14727

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	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14728

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	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

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	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14815

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	03/22/2026	09/22/2025 / sam	01/21/2025 / SAM	V14844

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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	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

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

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	03/22/2026	09/22/2025 / sam	05/09/2025 / SAM	V14928

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 #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14951

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	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14952

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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.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15074

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15075

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

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
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Certificate of Analysis

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For Laboratory,Research,or Manufacturing Use
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Country of Origin: USA
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Ken Koehnlein
Sr. Manager, Quality Assurance

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)	MKCR6561	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)	MKBW6137V	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 149.8mg/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

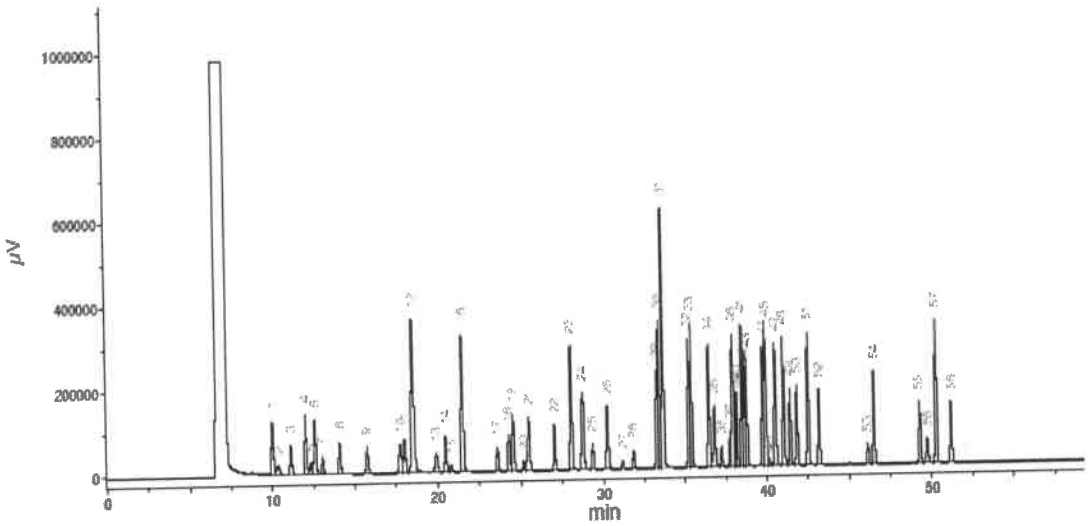
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, 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	20.46
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	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethane/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	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.02
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	50.46
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))			% (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.

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)	MKCR6561	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)	MKBW6137V	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 149.8mg/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

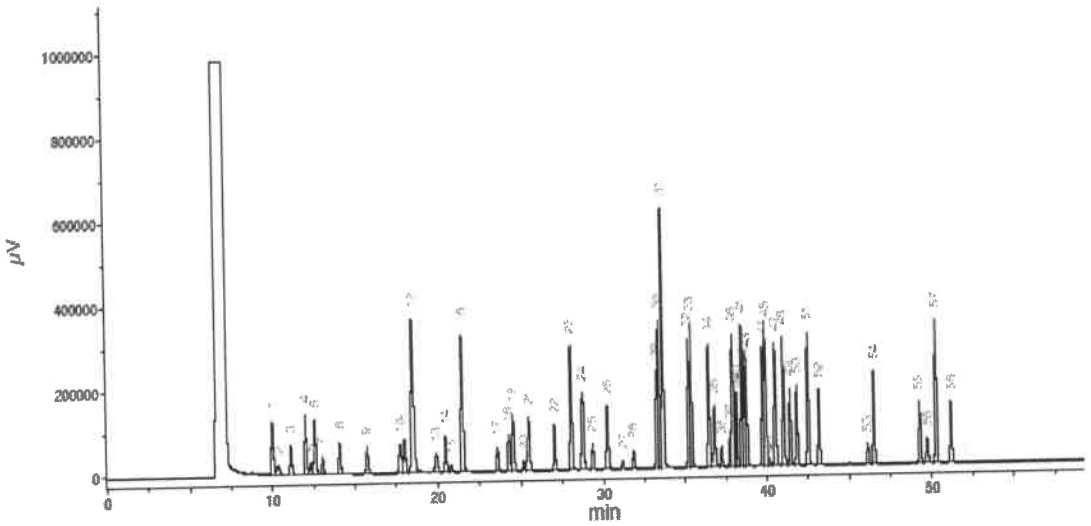
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, 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	20.46
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	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethane/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	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.02
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	50.46
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))			% (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.

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

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

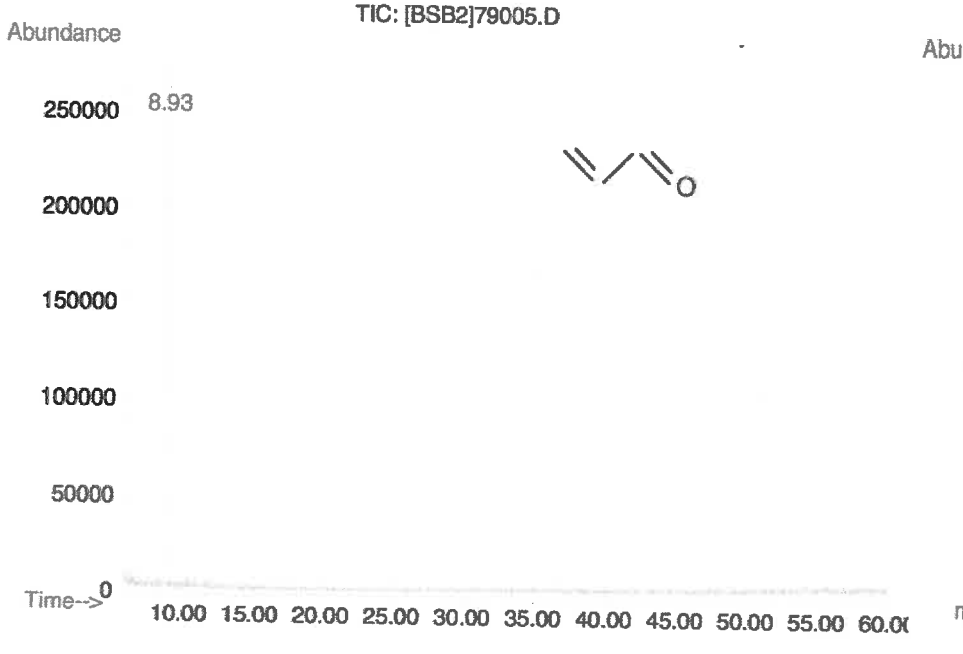
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

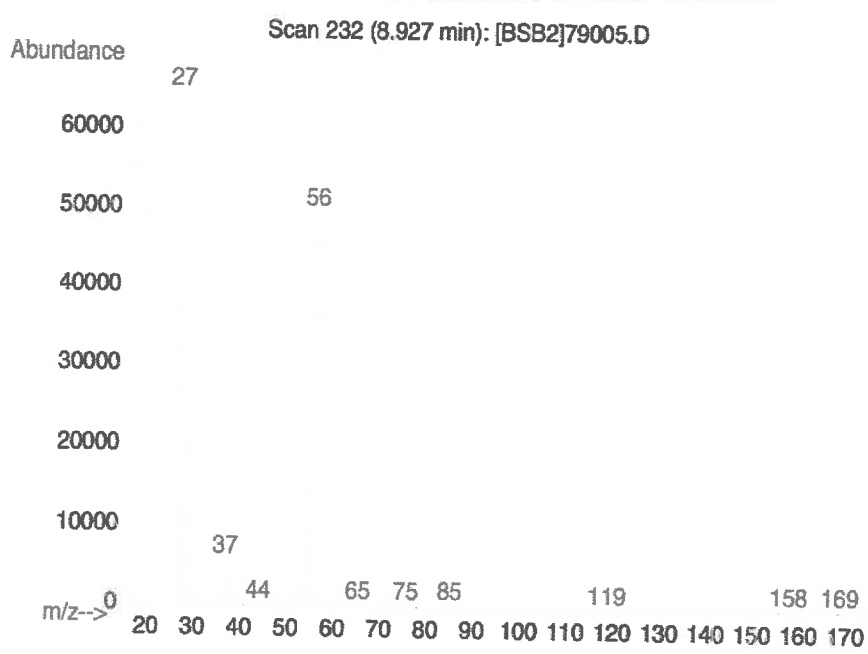
Justin Dippold 091424
Formulated By: Justin Dippold DATE

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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- 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.
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- 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).

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800-368-1131
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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

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 072324Q

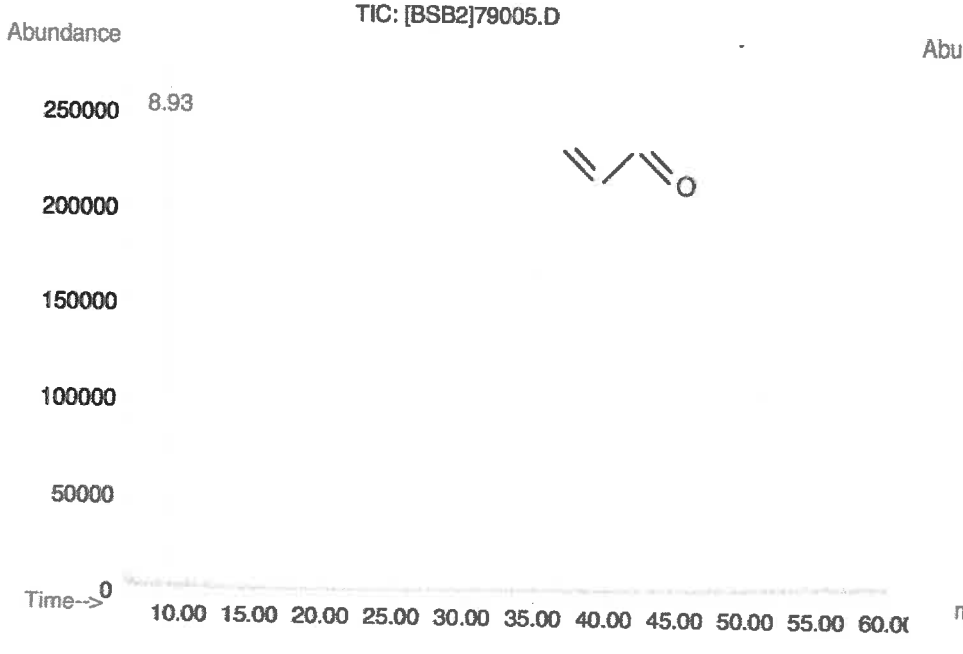
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

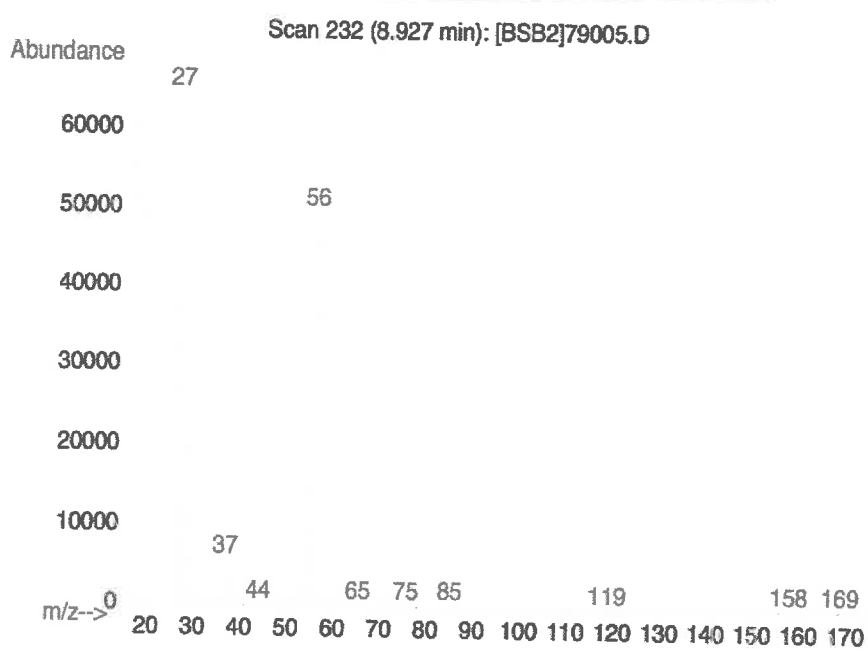
Justin Dippold 091424
Formulated By: Justin Dippold DATE

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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- 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).

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Rec 12/6/24
20 vial

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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

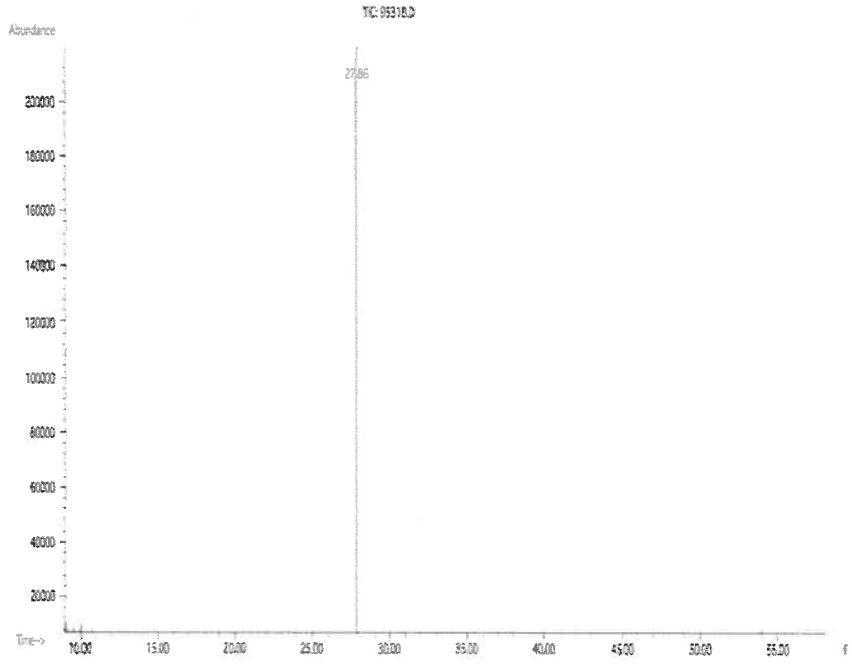
V14630 to V14649

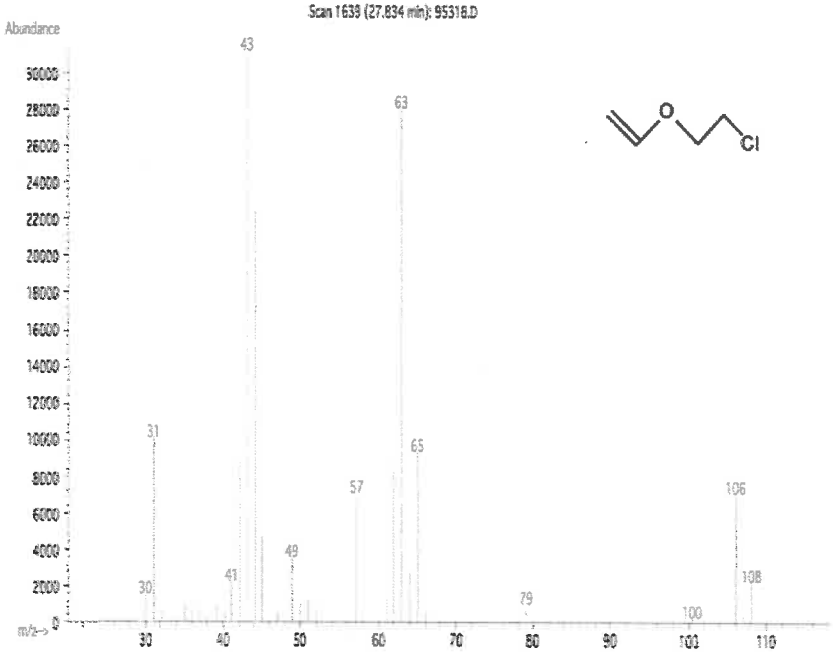
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 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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Certified Reference Material CRM

Rec 12/6/24
20 vial

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AR-1539 Certificate Number
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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

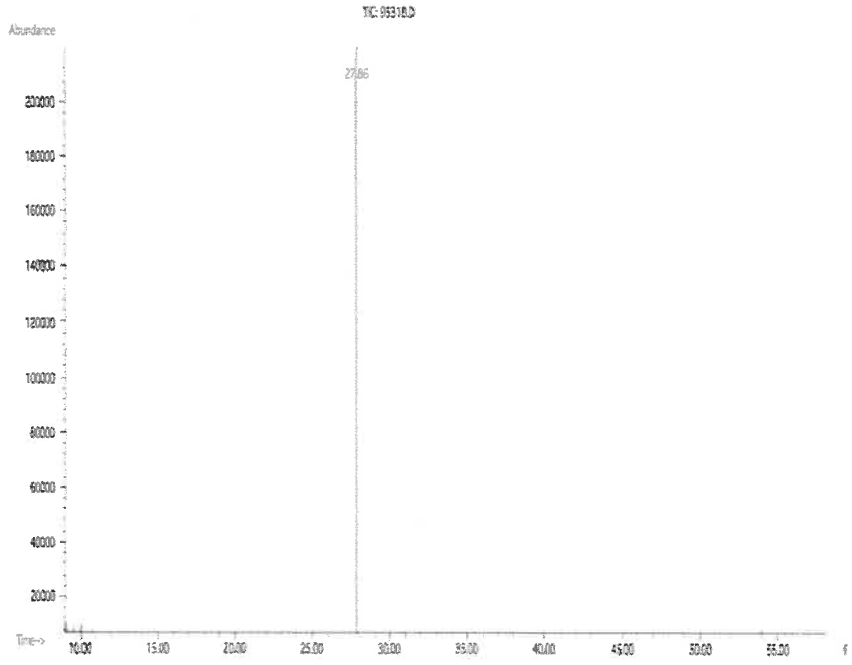
V14630 to V14649

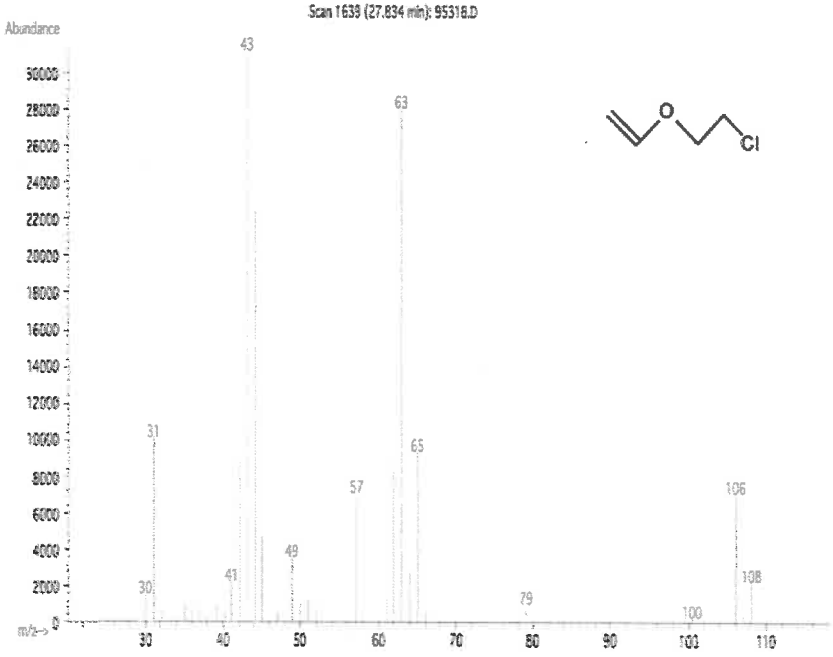
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 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

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.
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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.

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Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
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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

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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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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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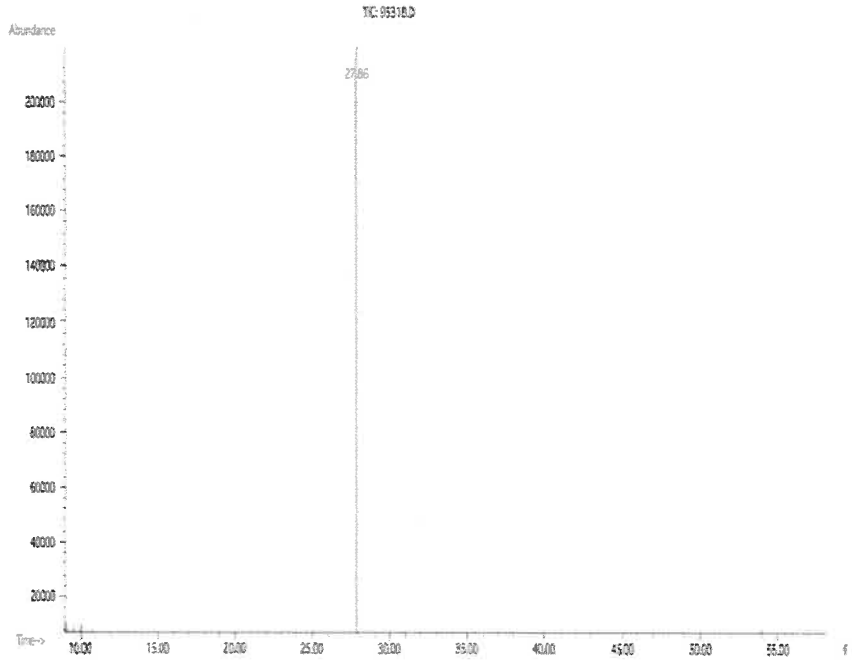

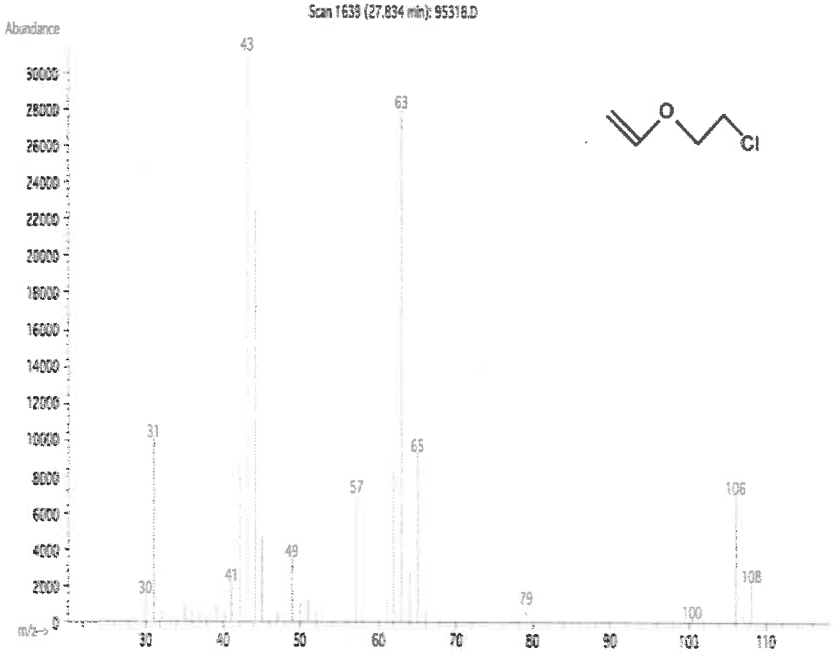

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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
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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.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
20 vial

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

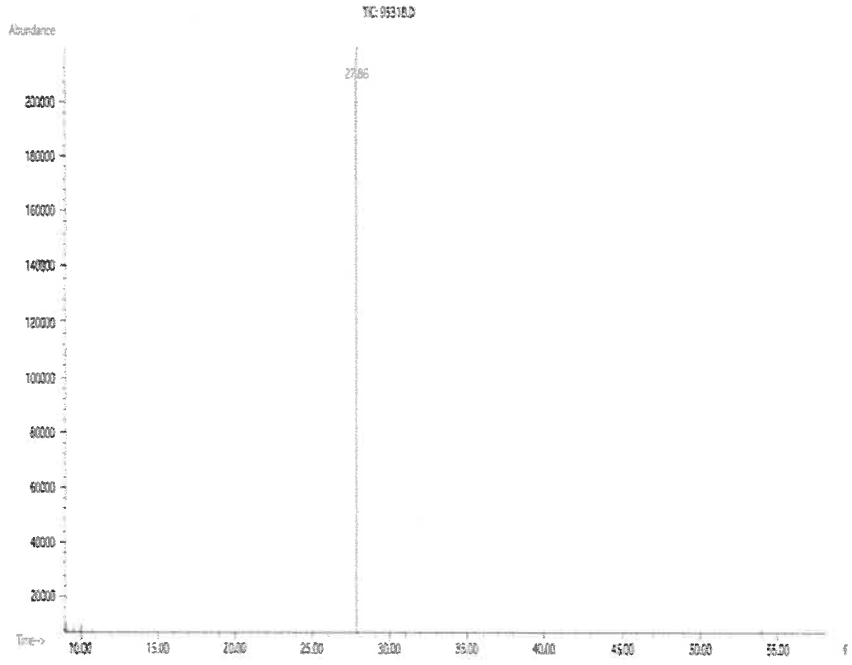
V14630 to V14649

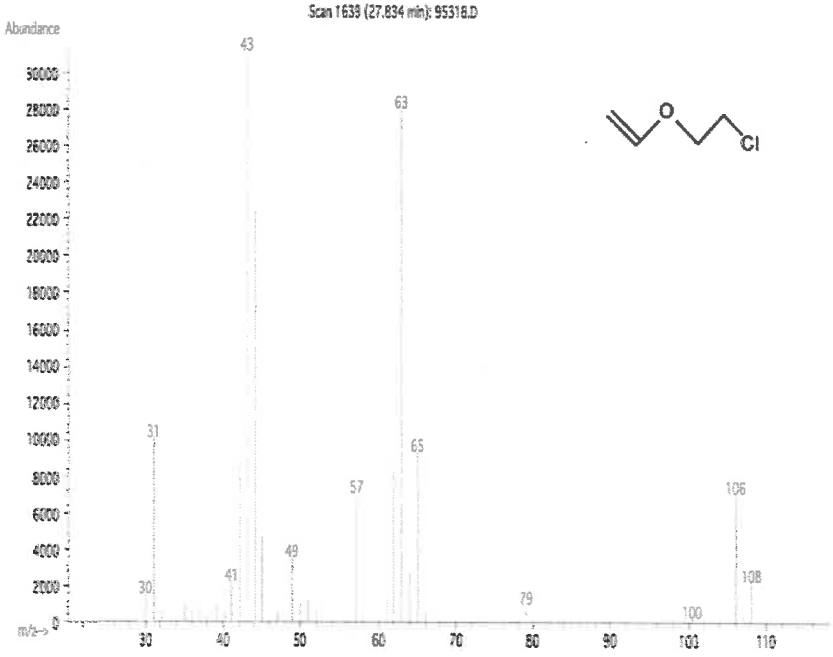
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Formulated By:	Prashant Chauhan	120524 DATE
Reviewed By:	Pedro L. Rentas	120524 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.

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Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

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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.

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Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
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Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

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SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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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.)

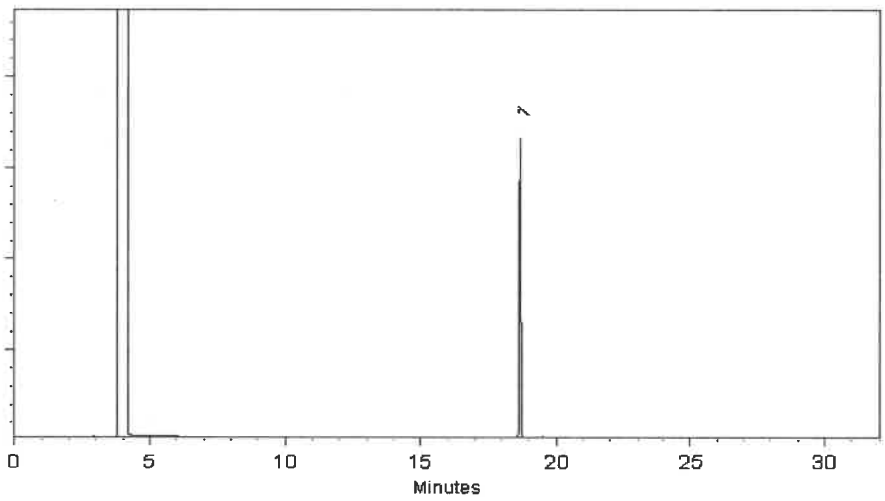
Inj. Temp:
200°C

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.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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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. : 30006 **Lot No.:** A0200785

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 : November 30, 2026 **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	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

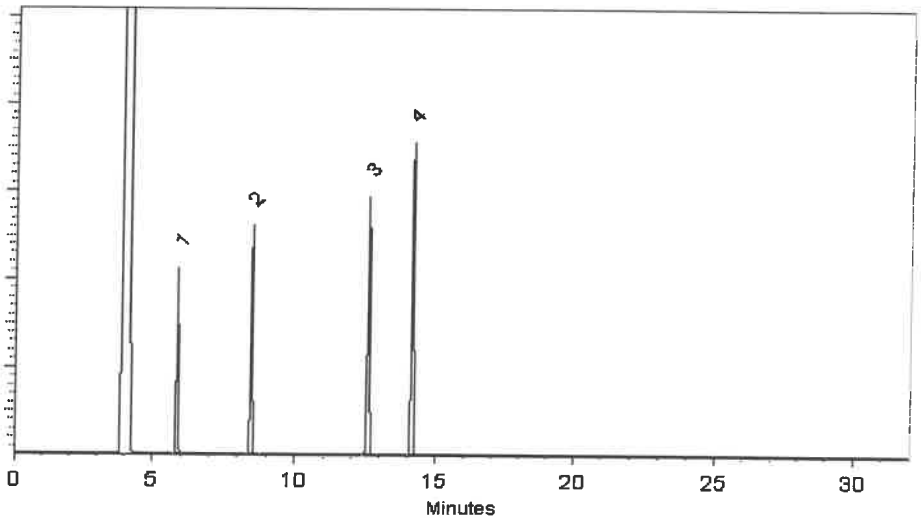
Inj. Temp:
200°C

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.

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

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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Catalog No. : 30006 **Lot No.:** A0200785

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 : November 30, 2026 **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	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

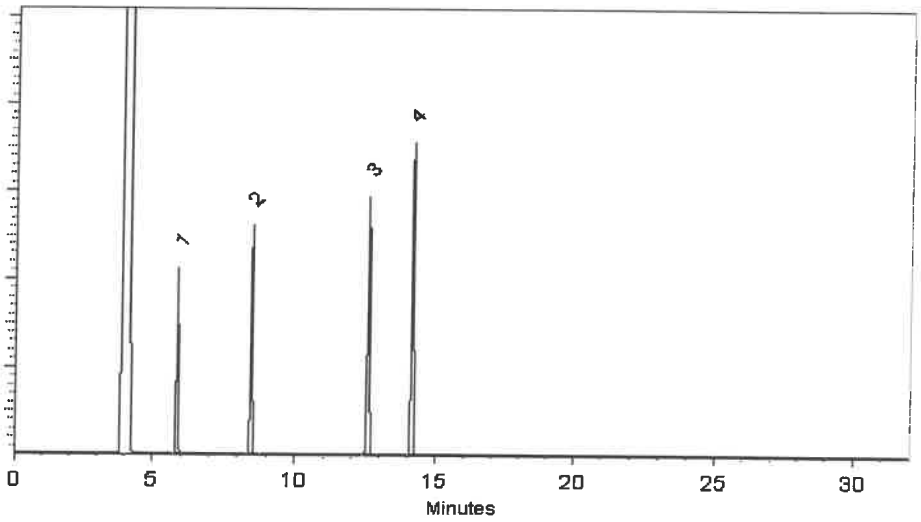
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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- 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.:** A0200785

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 : November 30, 2026 **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	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

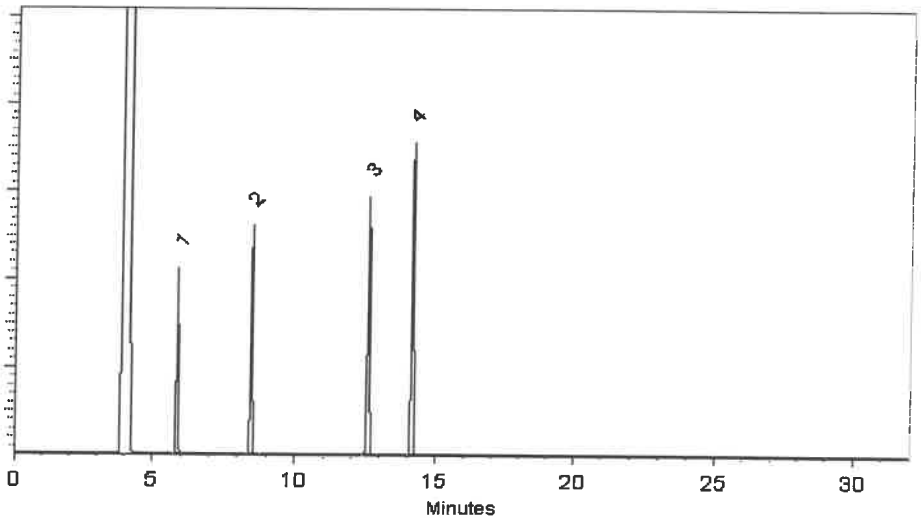
Inj. Temp:
200°C

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.

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

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. : 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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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:

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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.)

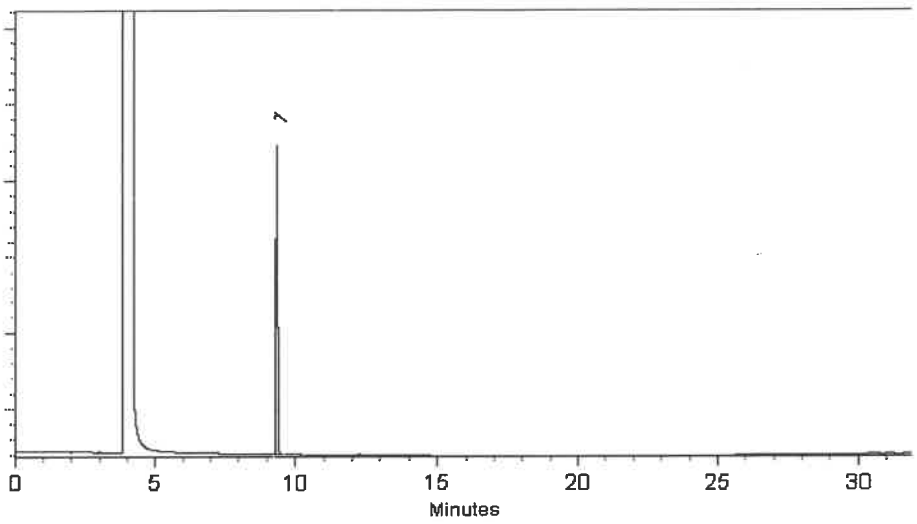
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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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.)

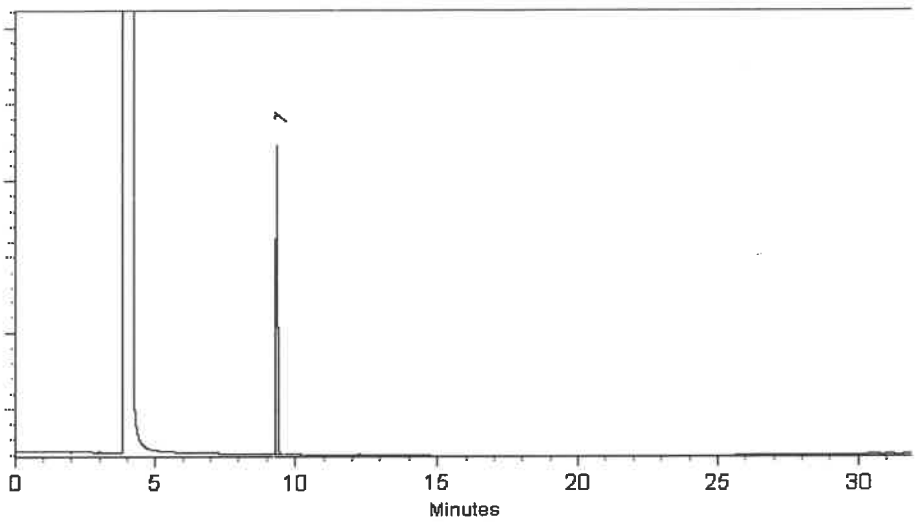
Inj. Temp:
200°C

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.
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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%.

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Manufacturing Notes:

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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.)

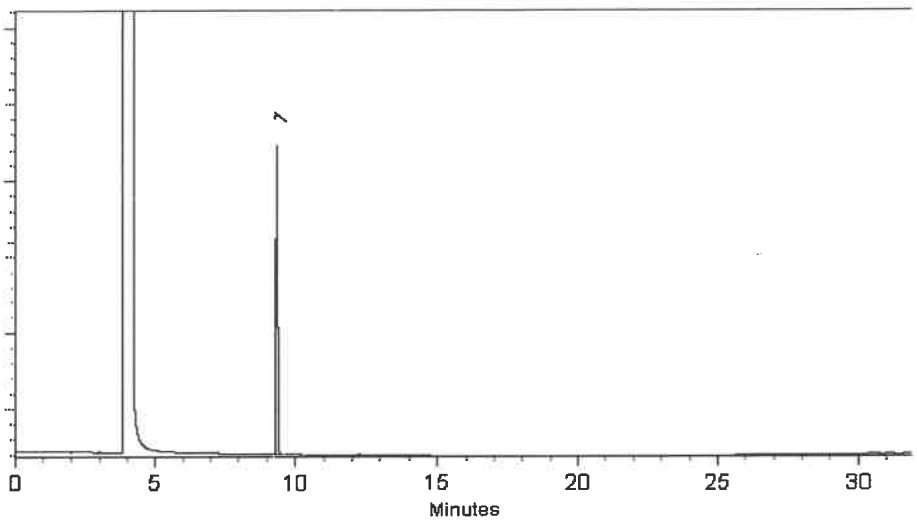
Inj. Temp:
200°C

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:

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Purity 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.)

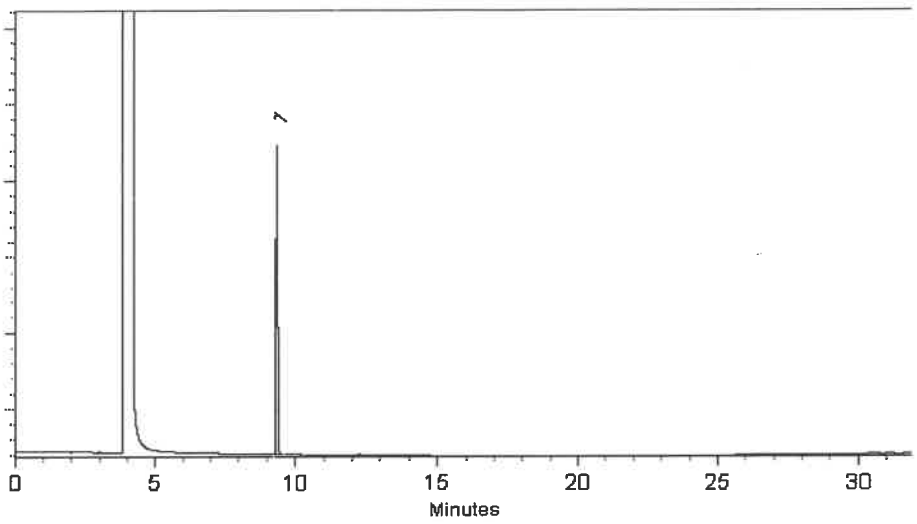
Inj. Temp:
200°C

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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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.

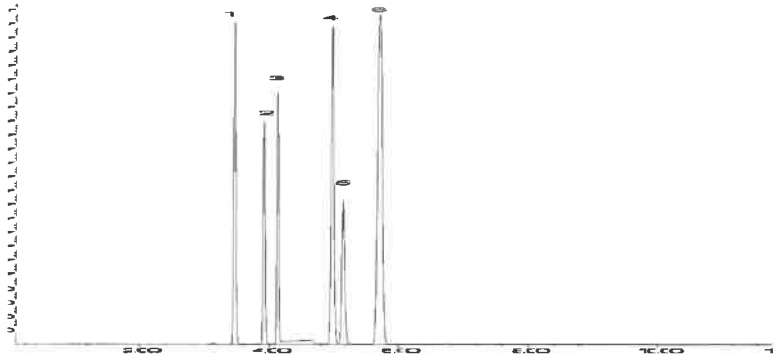
Inj. Temp:
200°C

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:

- 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

30 Vial

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V14727 to
V14756

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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.

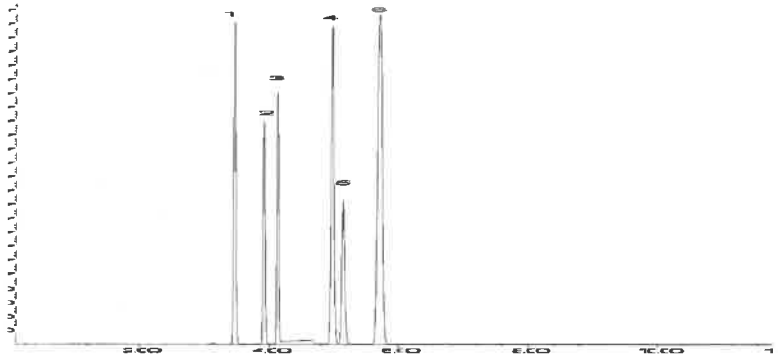
Inj. Temp:
200°C

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

Certificate of Analysis

chromatographic plus

J14842 to 14846

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

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. : 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.)

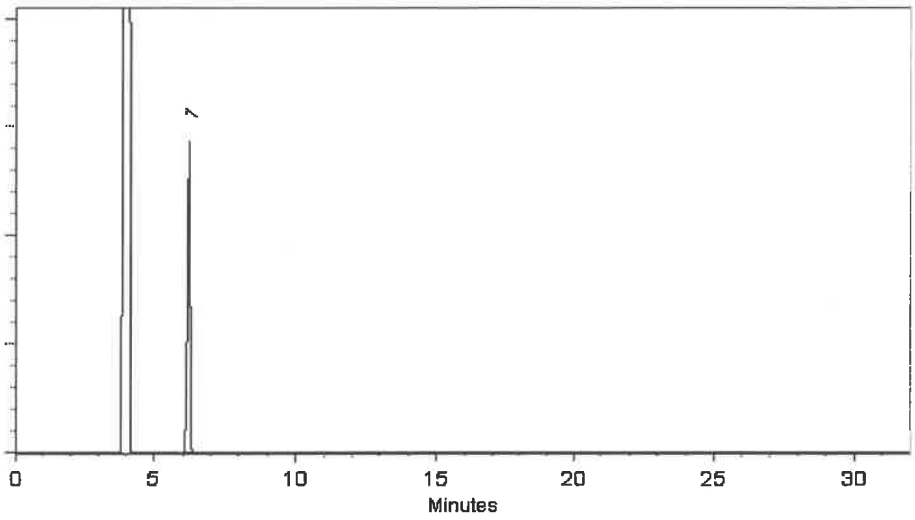
Inj. Temp:
200°C

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:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

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. : 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.)

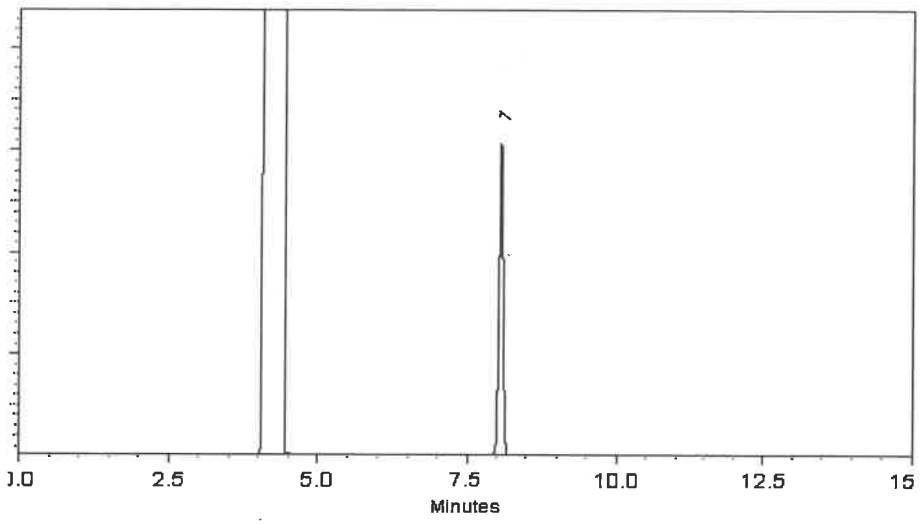
Inj. Temp:
200°C

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:

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Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

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. : 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.)

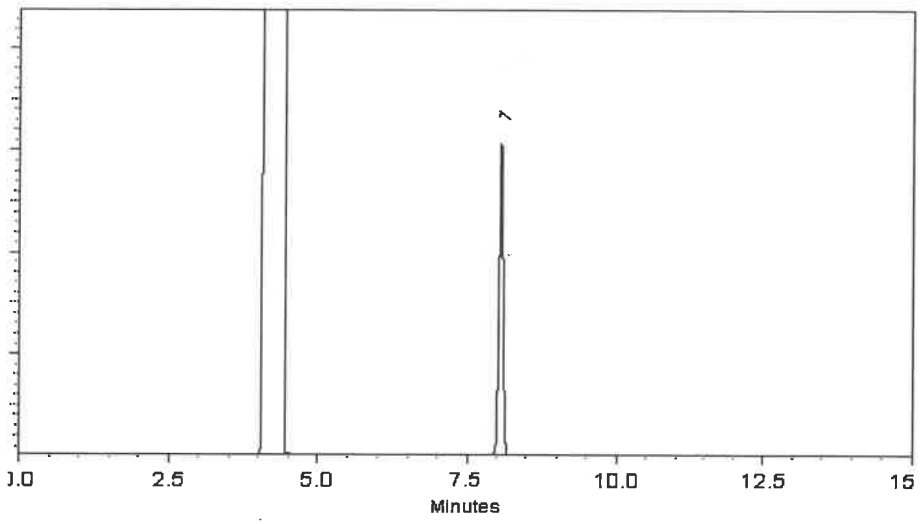
Inj. Temp:
200°C

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

10 vial

CERTIFIED REFERENCE MATERIAL

Lee 03/31/25

Certificate of Analysis

gravimetric

V14904 to V14913

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.:** A0223904

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 : March 31, 2028 **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-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

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®

V 14921 to
V 14938

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®

V 14921 to
V 14938

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®

V 14921 to
V 14938

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

Rec 05/19/25

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

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.:** A0222076

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 : August 31, 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	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* 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

Rec 05/19/25

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

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.:** A0222076

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 : August 31, 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	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

* 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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Certified Reference Material CRM

Rec 10/16/25 5 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15071 – V15075

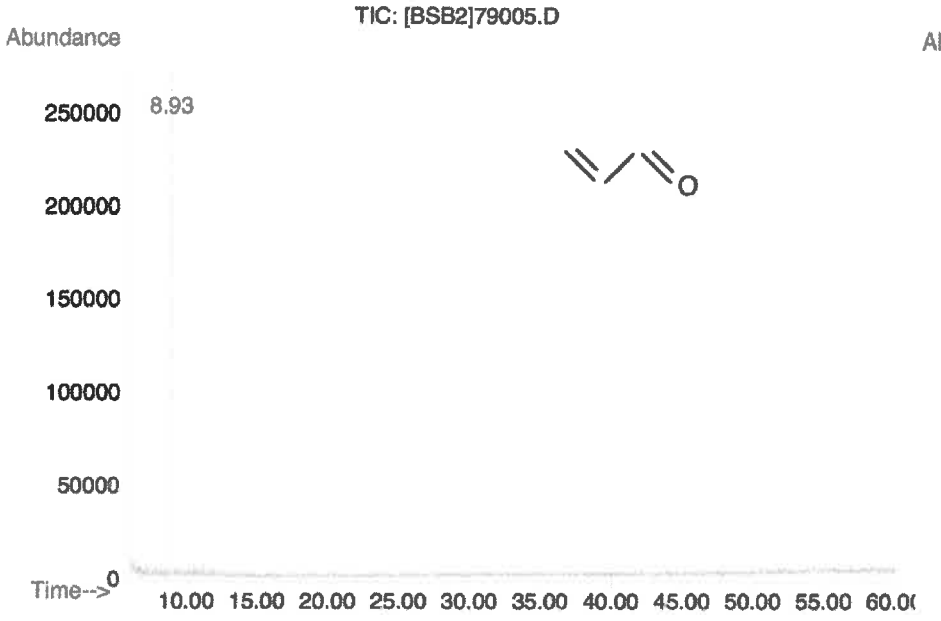
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

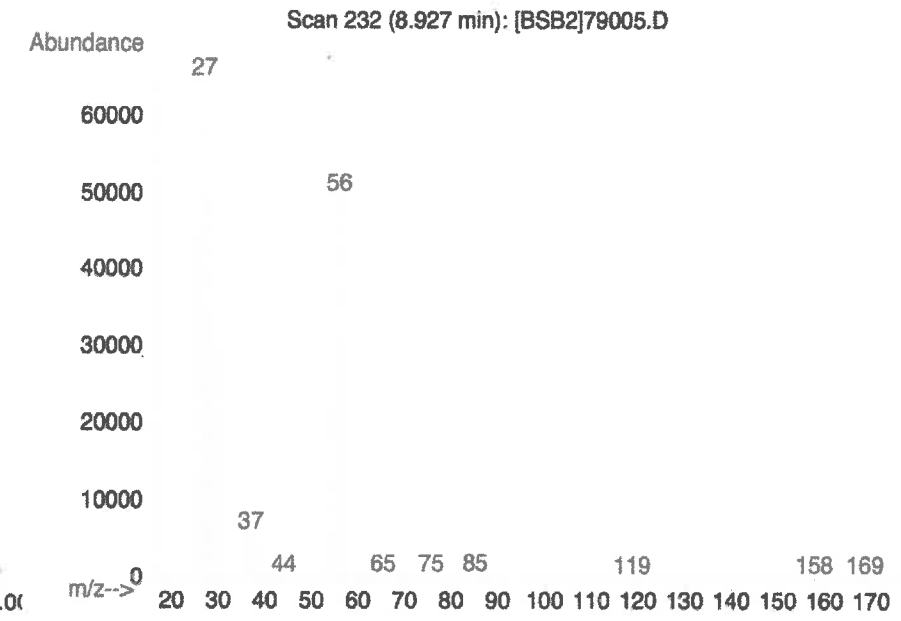
Weight(s) shown below were combined and diluted to (mL): 10.0

Prashant Chauhan		101625
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		101625
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	0.05180	5013.7	52.6	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. Goverament 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 10/16/25 5 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15071 – V15075

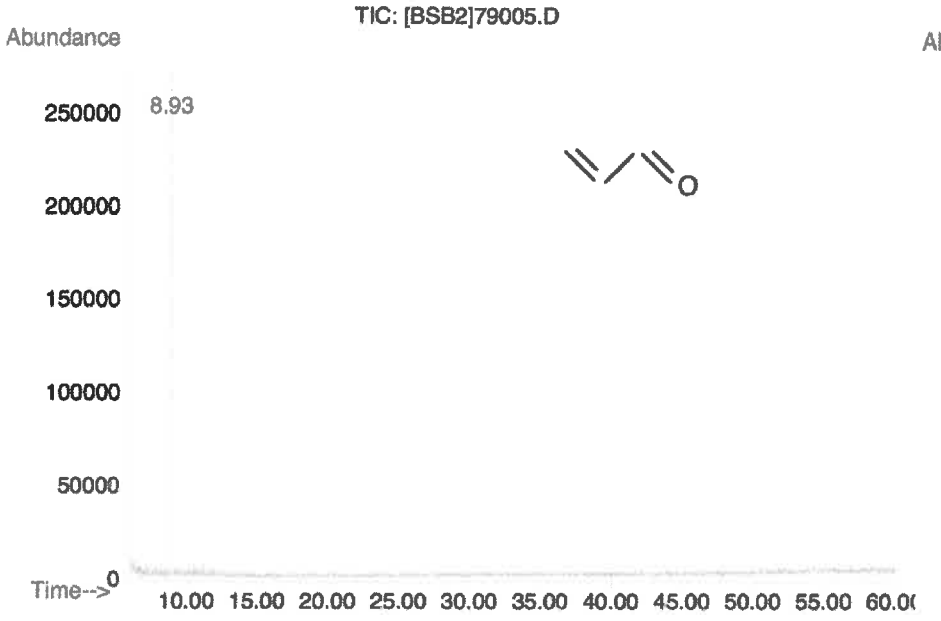
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

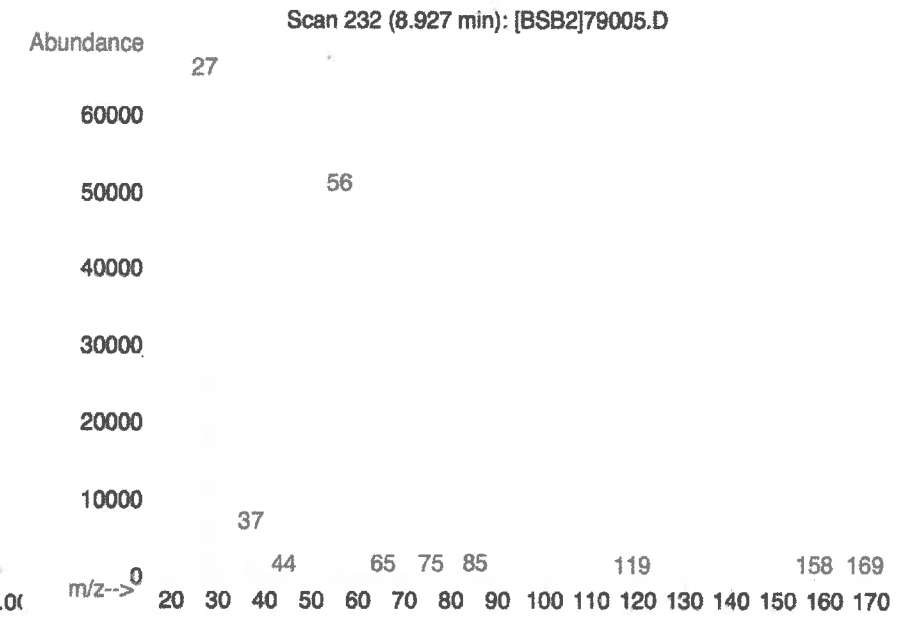
Weight(s) shown below were combined and diluted to (mL): 10.0

Prashant Chauhan		101625
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		101625
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	0.05180	5013.7	52.6	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).**
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- **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. Goverament Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

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Certified Reference Material CRM

Rec 10/16/25 5 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15071 – V15075

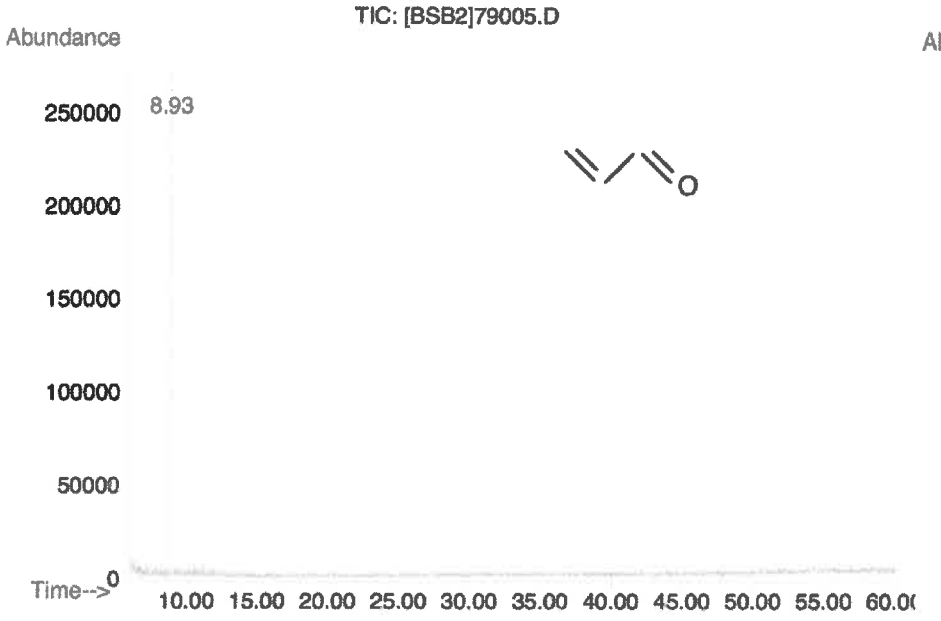
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

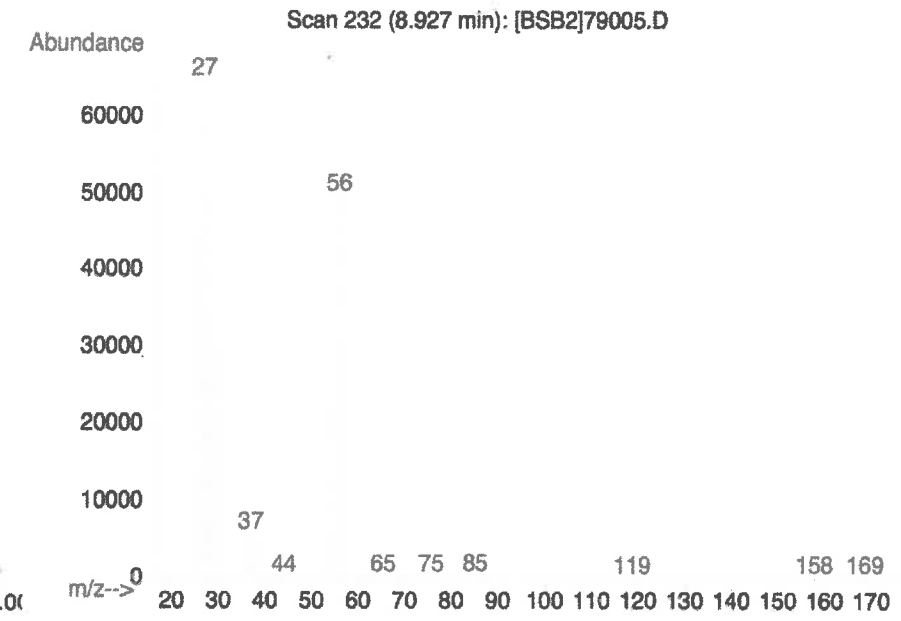
Weight(s) shown below were combined and diluted to (mL): 10.0

Prashant Chauhan		101625
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		101625
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	0.05180	5013.7	52.6	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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- **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. Goverament Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

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	Q3413-01	5.28	11:00	5.21	11:01	5.31	11:02	V14921	10/21/2025	JAR 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: Q3413

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-184
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
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

	VOC(SW846-8260B)								
	1	2	3	4	5	6	7	8	9

PRESERVATIVES

	A								
	1	2	3	4	5	6	7	8	9

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	COMMENTS
1.	BP-VPB-184-TB-20251017	QA		X	10/17/25	9:00	2	Trip Blank
2.	BP-VPB-184-GW-980-982	AQ		X	10/17/25	10:05	6	
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1.	DATE/TIME 1450 10-20-2025	RECEIVED BY 1.	Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 3.1c MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in Cooler?:_____ Comments: 2 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)
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 1754 10-20-2025	RECEIVED FOR LAB BY 3.	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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3413 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 10/21/2025 10:51:00 AM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 10/20/2025 5:54:00 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
Q3413-01	BP-VPB-184-GW-980-982	Solid	10/17/2025	10:05					
					VOC-TCLVOA-10		8260D	2 Bus. Days	
Q3413-02	BP-VPB-184-TB-20251017	Water	10/17/2025	09:00					
					VOC-TCLVOA-10		8260-Low	2 Bus. Days	

Relinguished By : _____
Date / Time : 10/21/25 1120

Received By : _____
Date / Time : 10/21/25 1120

Storage Area : **VOA Refridgerator Room**

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	117157	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	193186	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	177252	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86943	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	3362	2.047	ug/l		0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	4.100%#			
35) Dibromofluoromethane	5.379	113	2615	1.983	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	3.960%#			
50) Toluene-d8	8.635	98	8676	1.877	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	3.760%#			
62) 4-Bromofluorobenzene	11.067	95	3491	1.985	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	3.980%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	1223	1.015	ug/l		82
3) Chloromethane	1.301	50	1186	1.055	ug/l	#	62
4) Vinyl Chloride	1.380	62	1048	1.007	ug/l		92
5) Bromomethane	1.618	94	1028	1.455	ug/l		100
6) Chloroethane	1.697	64	545	0.891	ug/l		91
7) Trichlorofluoromethane	1.898	101	1819	0.911	ug/l		98
8) Diethyl Ether	2.142	74	542	0.965	ug/l		81
9) 1,1,2-Trichlorotrifluo...	2.337	101	1199	0.948	ug/l		89
10) Methyl Iodide	2.459	142	1847	1.162	ug/l		99
11) Tert butyl alcohol	2.953	59	839	5.144	ug/l	#	72
12) 1,1-Dichloroethene	2.325	96	1207	0.981	ug/l		88
13) Acrolein	2.246	56	780	4.689	ug/l		99
14) Allyl chloride	2.666	41	2101	1.029	ug/l		96
15) Acrylonitrile	3.069	53	2984	5.074	ug/l		97
16) Acetone	2.380	43	3519	6.245	ug/l		98
17) Carbon Disulfide	2.520	76	4767	1.230	ug/l	#	92
18) Methyl Acetate	2.703	43	1204	1.023	ug/l	#	85
19) Methyl tert-butyl Ether	3.111	73	4437	1.057	ug/l		100
20) Methylene Chloride	2.794	84	1301	0.948	ug/l	#	76
21) trans-1,2-Dichloroethene	3.099	96	1376	1.018	ug/l		96
22) Diisopropyl ether	3.745	45	3977	0.976	ug/l	#	26
23) Vinyl Acetate	3.727	43	14769	4.539	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2615	1.062	ug/l		97
25) 2-Butanone	4.574	43	3638	5.100	ug/l		98
26) 2,2-Dichloropropane	4.465	77	2347	1.056	ug/l		84
27) cis-1,2-Dichloroethene	4.489	96	1598	1.013	ug/l		94
28) Bromochloromethane	4.879	49	908	0.889	ug/l	#	69
29) Tetrahydrofuran	5.007	42	2088	4.888	ug/l	#	73
30) Chloroform	5.093	83	2688	1.022	ug/l		97
31) Cyclohexane	5.465	56	1796	0.881	ug/l	#	69
32) 1,1,1-Trichloroethane	5.379	97	2459	1.014	ug/l	#	50
36) 1,1-Dichloropropene	5.696	75	2173	1.159	ug/l	#	62
37) Ethyl Acetate	4.727	43	1285	0.827	ug/l	#	82
38) Carbon Tetrachloride	5.660	117	802	0.347	ug/l	#	77
39) Methylcyclohexane	7.373	83	2128	0.961	ug/l		94
40) Benzene	6.032	78	5767	1.060	ug/l	#	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
Acq On : 20 Oct 2025 10:59
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	312	0.382 ug/l #	67
42) 1,2-Dichloroethane	6.080	62	2044	1.018 ug/l	87
43) Isopropyl Acetate	6.336	43	2548	0.998 ug/l #	85
44) Trichloroethene	7.117	130	1547	1.076 ug/l	83
45) 1,2-Dichloropropane	7.422	63	1195	0.924 ug/l	96
46) Dibromomethane	7.574	93	1032	1.024 ug/l	95
47) Bromodichloromethane	7.812	83	2204	1.013 ug/l #	79
48) Methyl methacrylate	7.684	41	1283	0.996 ug/l	95
49) 1,4-Dioxane	7.665	88	255	14.987 ug/l #	34
51) 4-Methyl-2-Pentanone	8.562	43	7066	4.802 ug/l	91
52) Toluene	8.708	92	3403	0.984 ug/l	95
53) t-1,3-Dichloropropene	8.970	75	1844	0.879 ug/l #	74
54) cis-1,3-Dichloropropene	8.360	75	2250	0.994 ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	1229	0.956 ug/l #	85
56) Ethyl methacrylate	9.104	69	1616	0.859 ug/l	96
57) 1,3-Dichloropropane	9.299	76	2174	0.990 ug/l	93
58) 2-Chloroethyl Vinyl ether	8.232	63	2970	4.614 ug/l	100
59) 2-Hexanone	9.421	43	4456	4.343 ug/l	92
60) Dibromochloromethane	9.507	129	1862	1.077 ug/l	95
61) 1,2-Dibromoethane	9.598	107	1338	0.976 ug/l	98
64) Tetrachloroethene	9.257	164	1482	1.120 ug/l	92
65) Chlorobenzene	10.067	112	4073	1.021 ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.147	131	1495	1.021 ug/l #	66
67) Ethyl Benzene	10.177	91	6752	0.995 ug/l	97
68) m/p-Xylenes	10.287	106	4589	1.819 ug/l	90
69) o-Xylene	10.628	106	2313	0.950 ug/l	99
70) Styrene	10.640	104	3737	0.901 ug/l	96
71) Bromoform	10.787	173	1198	1.023 ug/l #	99
73) Isopropylbenzene	10.945	105	6291	0.991 ug/l	93
74) N-amyl acetate	10.829	43	2137	0.949 ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.195	83	1718	0.991 ug/l	90
76) 1,2,3-Trichloropropane	11.220	75	2073	1.470 ug/l	79
77) Bromobenzene	11.183	156	1635	1.027 ug/l	91
78) n-propylbenzene	11.287	91	6956	0.946 ug/l	94
79) 2-Chlorotoluene	11.348	91	4477	1.004 ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	5196	0.989 ug/l	97
81) trans-1,4-Dichloro-2-b...	11.006	75	387	0.668 ug/l #	75
82) 4-Chlorotoluene	11.439	91	5385	1.018 ug/l	99
83) tert-Butylbenzene	11.695	119	5439	1.007 ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	4854	0.926 ug/l	99
85) sec-Butylbenzene	11.872	105	6589	1.014 ug/l	99
86) p-Isopropyltoluene	11.994	119	5812	1.035 ug/l	91
87) 1,3-Dichlorobenzene	11.951	146	3239	1.079 ug/l	96
88) 1,4-Dichlorobenzene	11.951	146	3239	1.042 ug/l	96
89) n-Butylbenzene	12.317	91	5787	1.132 ug/l	98
90) Hexachloroethane	12.518	117	1182	1.066 ug/l	77
91) 1,2-Dichlorobenzene	12.317	146	3135	1.112 ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.933	75	290	0.824 ug/l	79
93) 1,2,4-Trichlorobenzene	13.573	180	2505	1.314 ug/l	90
94) Hexachlorobutadiene	13.707	225	1658	2.385 ug/l	97
95) Naphthalene	13.762	128	5116	1.013 ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	2006	1.147 ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048229.D
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Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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_X\Data\VX102025\
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Acq On : 20 Oct 2025 10:59
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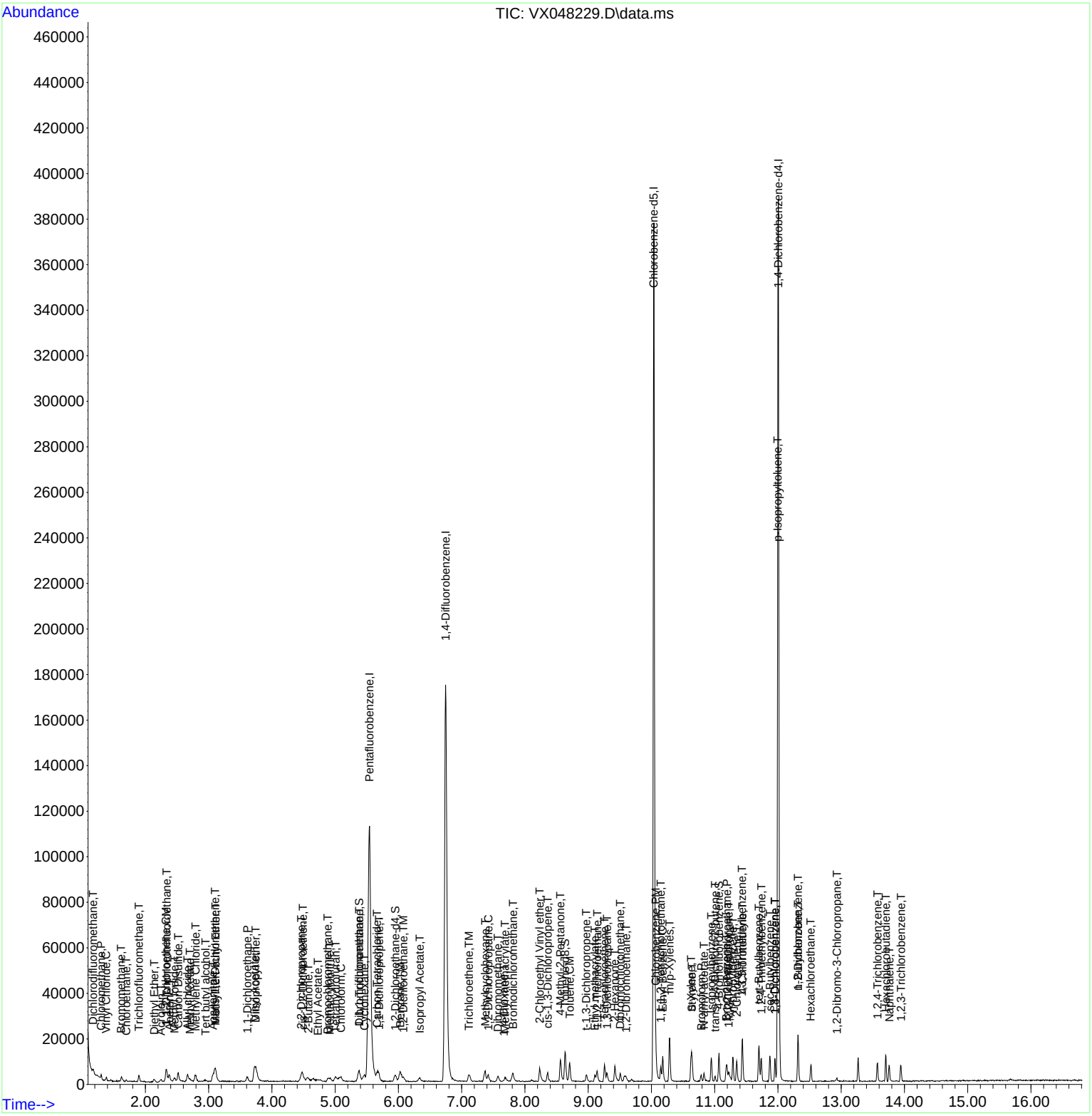
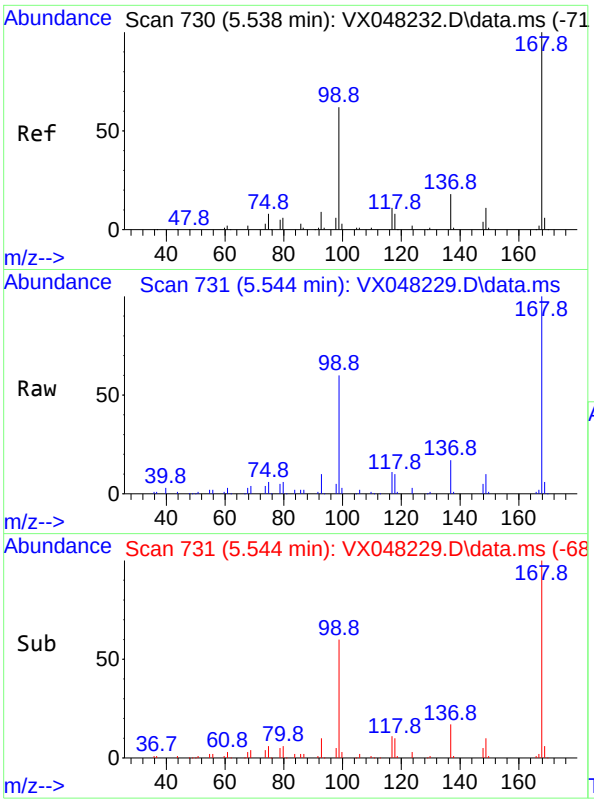
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Oct 25 03:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



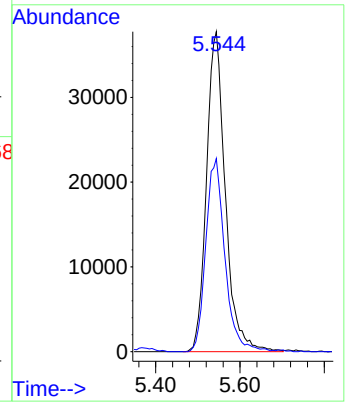


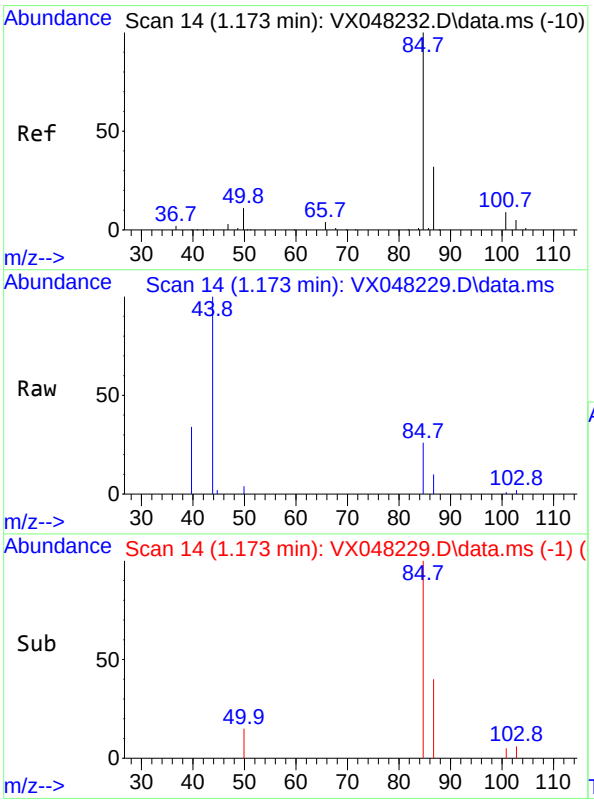
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 117157

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.4	69.6

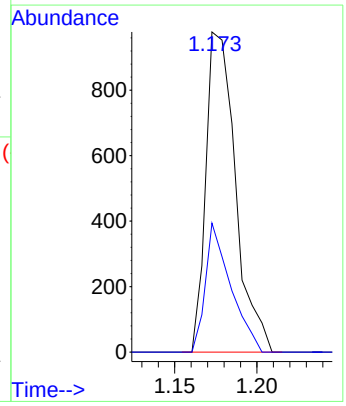


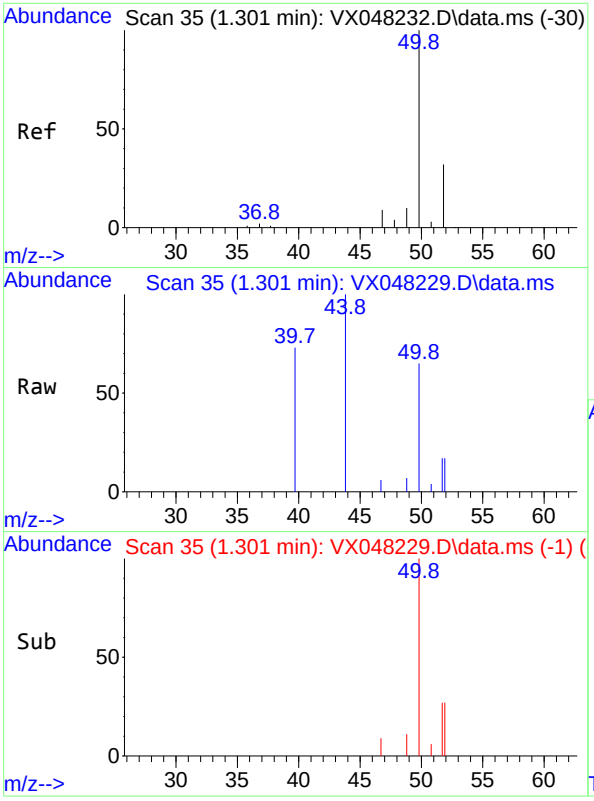


#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 85 Resp: 1223

Ion	Ratio	Lower	Upper
85	100		
87	40.3	15.3	45.9



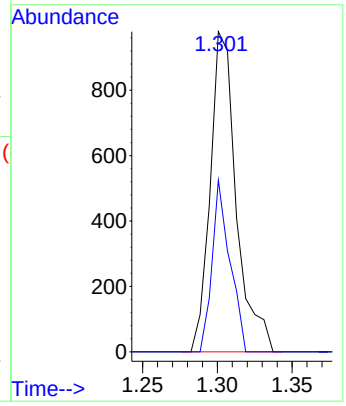


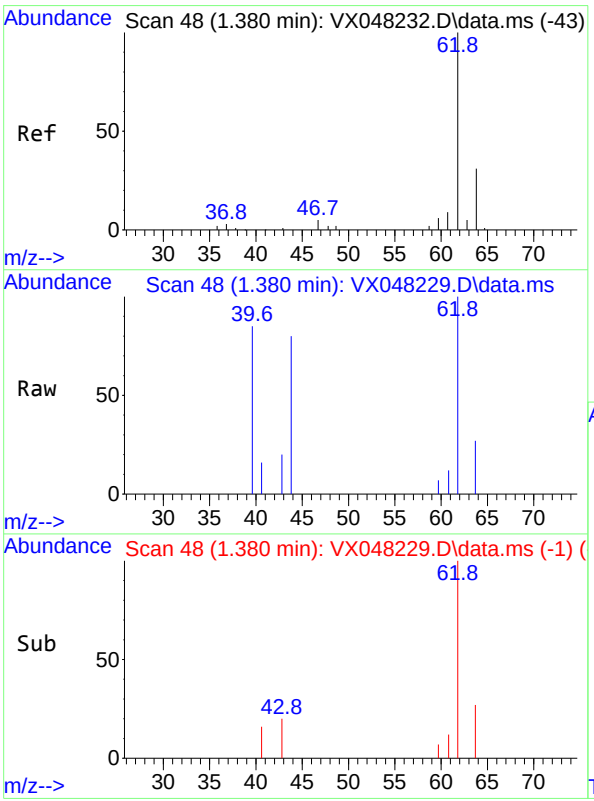
#3
Chloromethane
Concen: 1.055 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1186

Ion	Ratio	Lower	Upper
50	100		
52	53.6	25.9	38.9#

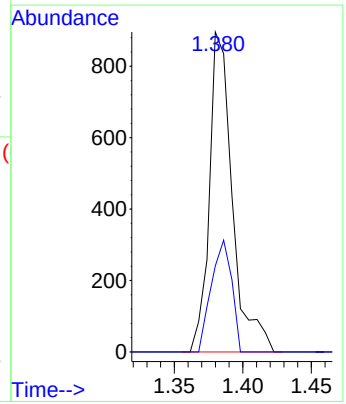


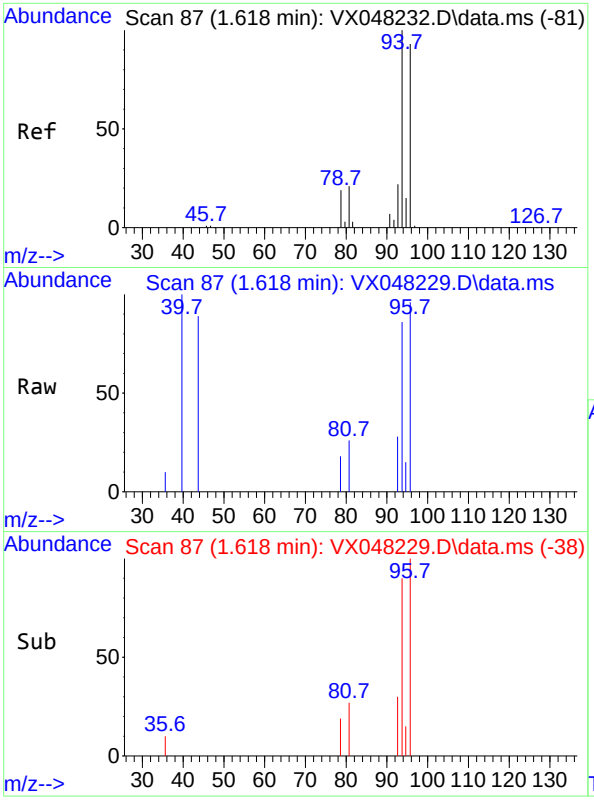


#4
Vinyl Chloride
Concen: 1.007 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 1048

Ion	Ratio	Lower	Upper
62	100		
64	26.9	25.1	37.7



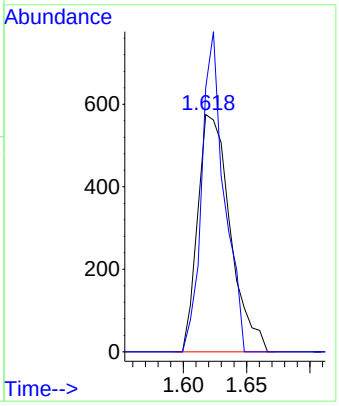


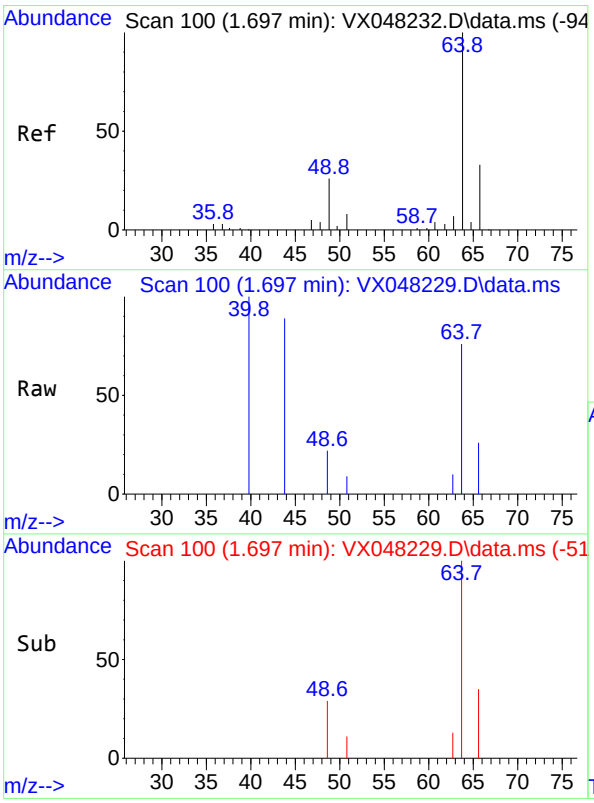
#5
Bromomethane
Concen: 1.455 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 1028

Ion	Ratio	Lower	Upper
94	100		
96	95.4	76.0	114.0

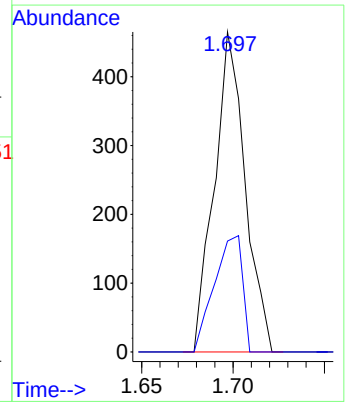


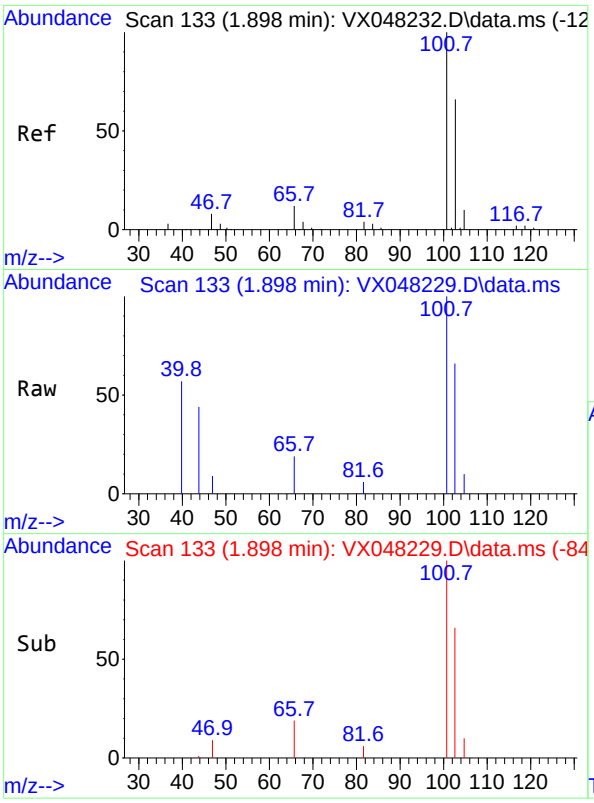


#6
Chloroethane
Concen: 0.891 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 64 Resp: 545

Ion	Ratio	Lower	Upper
64	100		
66	34.6	23.9	35.9



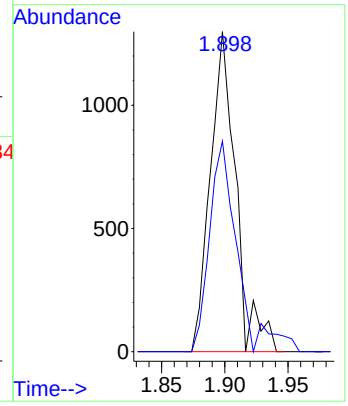


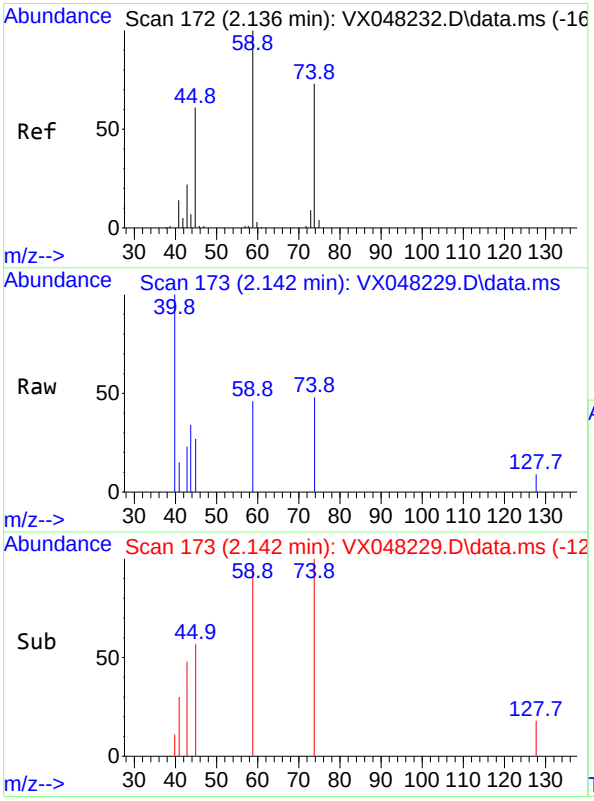
#7
Trichlorofluoromethane
Concen: 0.911 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1819

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.6	77.4

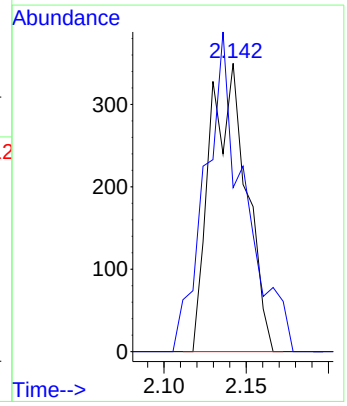


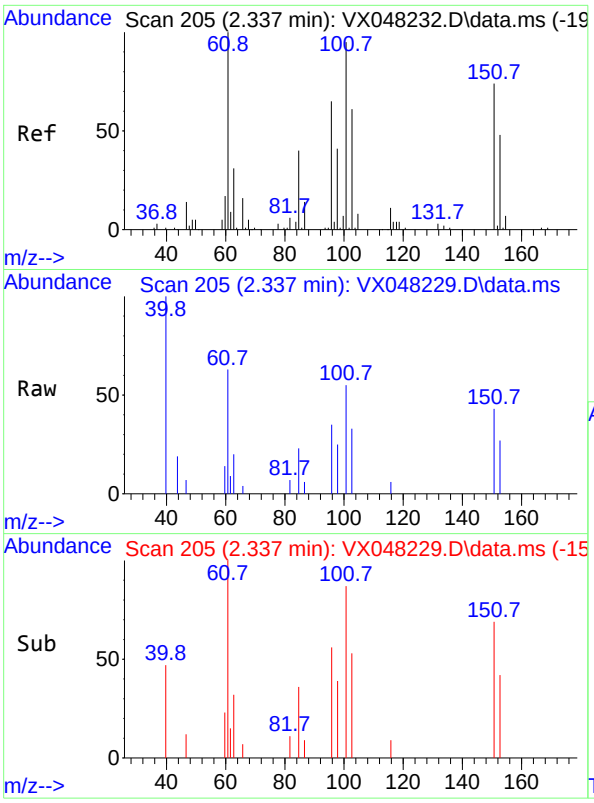


#8
Diethyl Ether
Concen: 0.965 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 74 Resp: 542

Ion	Ratio	Lower	Upper
74	100		
45	118.5	50.0	149.8



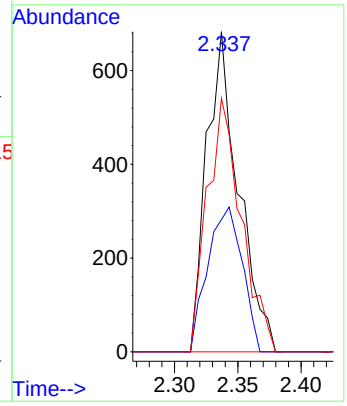


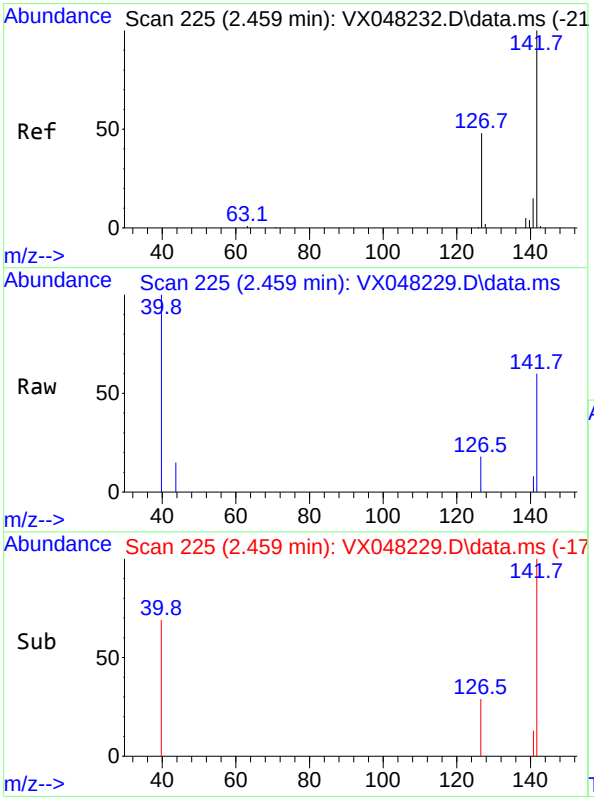
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.948 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1199

Ion	Ratio	Lower	Upper
101	100		
85	48.9	35.6	53.4
151	84.2	58.0	87.0

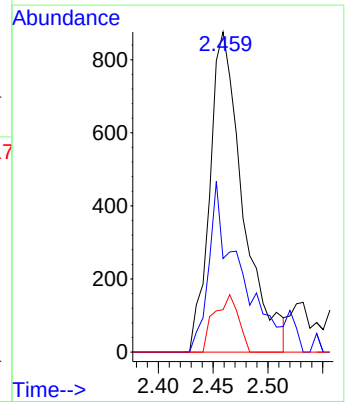


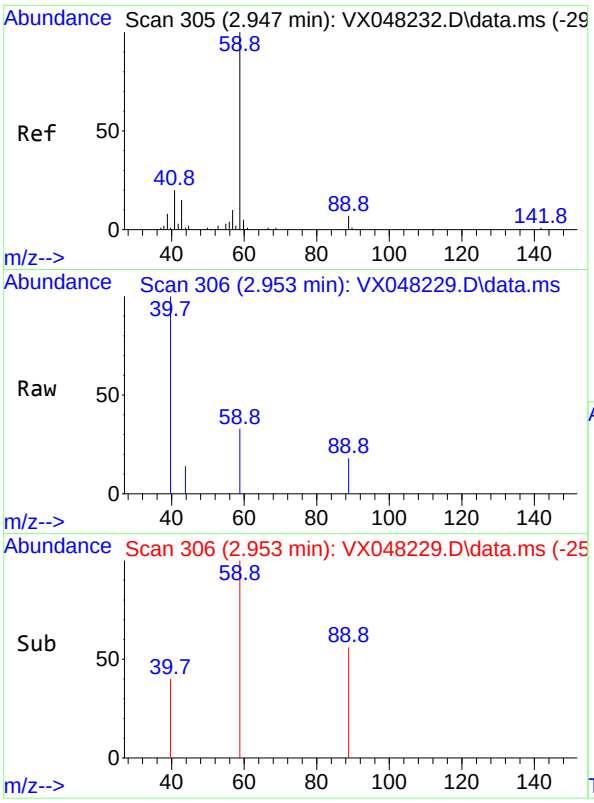


#10
Methyl Iodide
Concen: 1.162 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:142 Resp: 1847

Ion	Ratio	Lower	Upper
142	100		
127	48.5	38.5	57.7
141	12.9	11.6	17.4



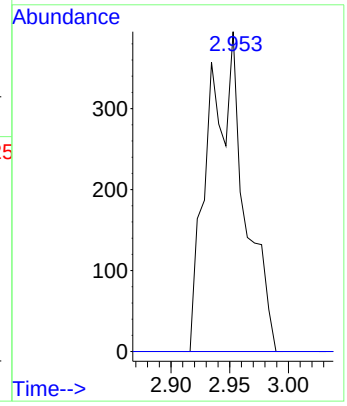


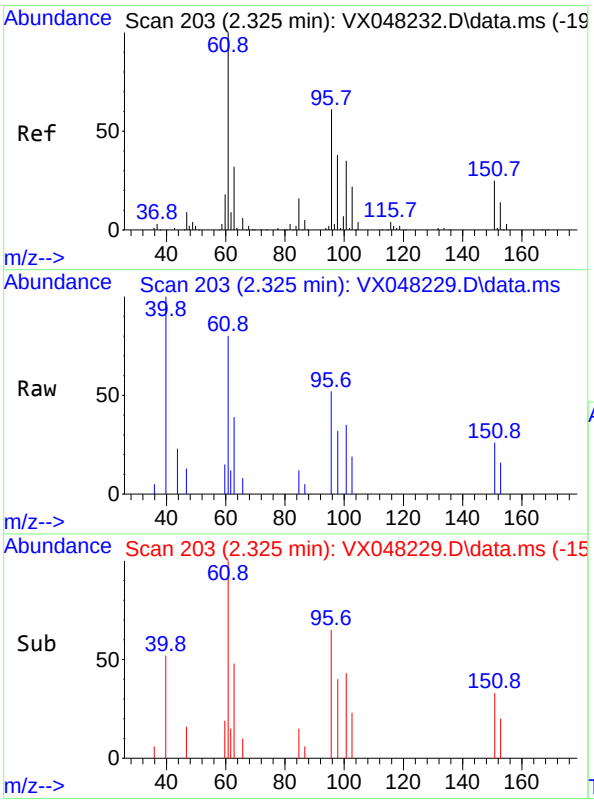
#11
Tert butyl alcohol
Concen: 5.144 ug/l
RT: 2.953 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 839

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

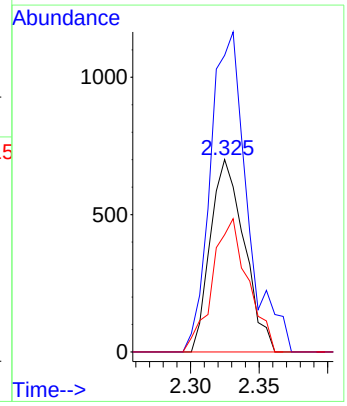


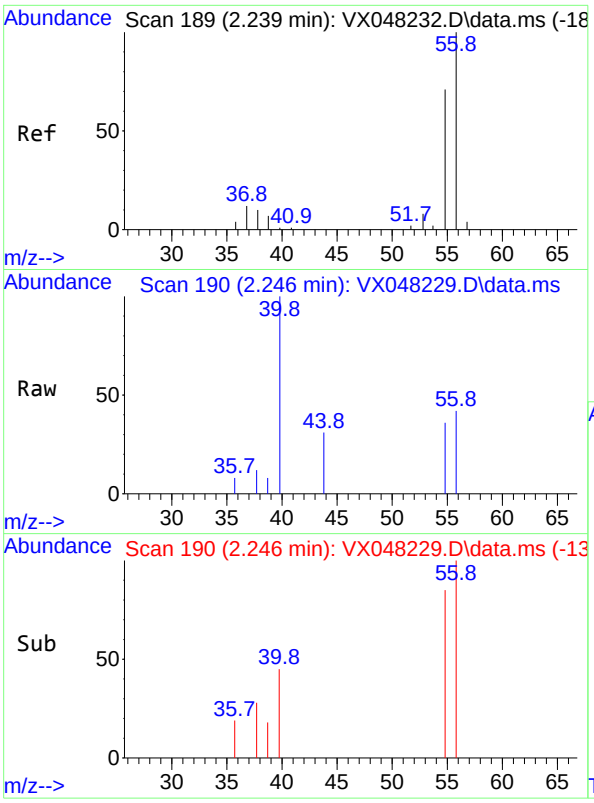


#12
1,1-Dichloroethene
Concen: 0.981 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 96 Resp: 1207

Ion	Ratio	Lower	Upper
96	100		
61	154.1	139.0	208.6
98	60.9	52.4	78.6



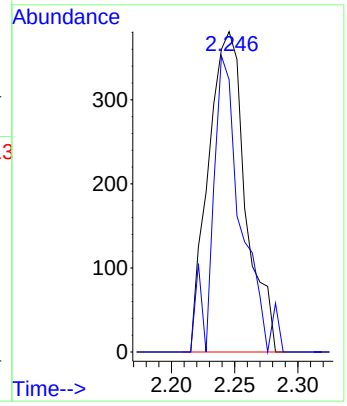


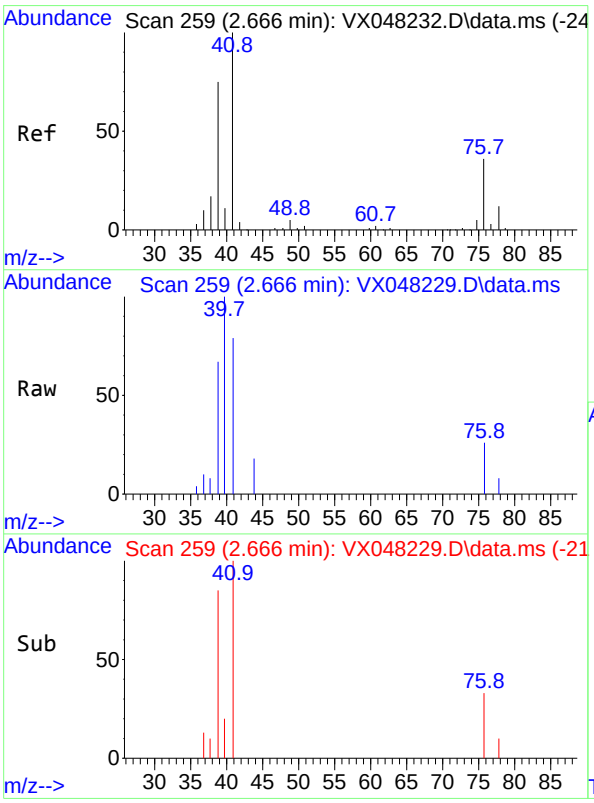
#13
Acrolein
Concen: 4.689 ug/l
RT: 2.246 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 780

Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.1	84.1

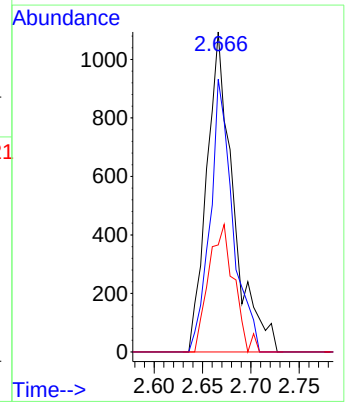


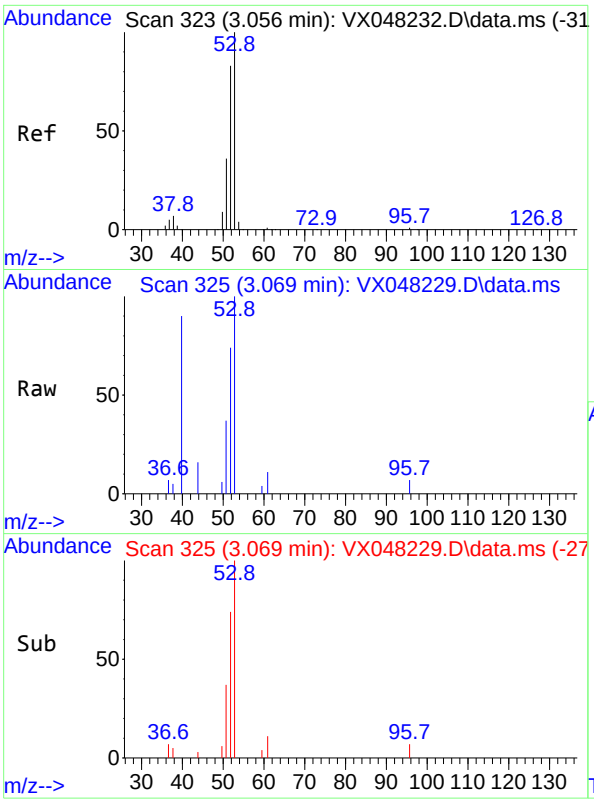


#14
Allyl chloride
Concen: 1.029 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 2101

Ion	Ratio	Lower	Upper
41	100		
39	72.1	56.0	84.0
76	37.8	27.5	41.3



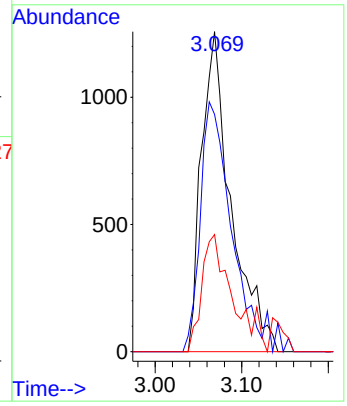


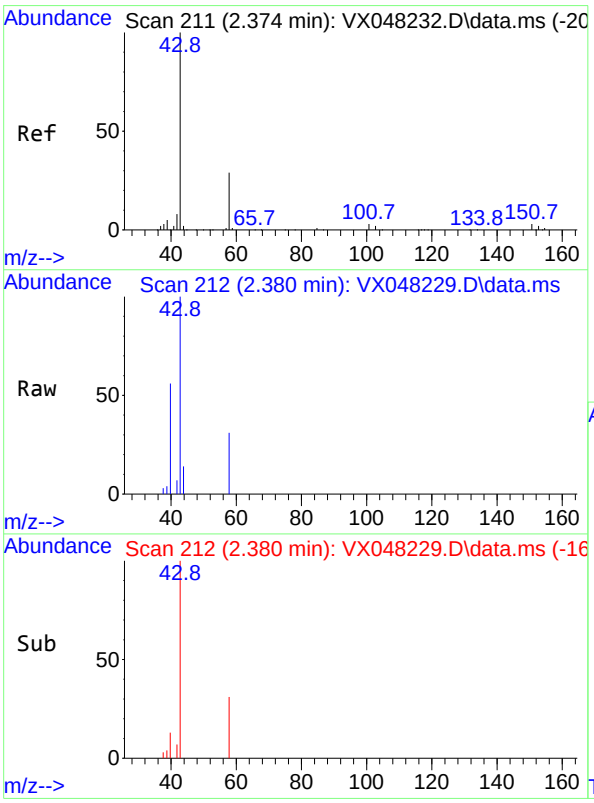
#15
Acrylonitrile
Concen: 5.074 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 2984

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.1	99.1
51	37.8	29.0	43.4

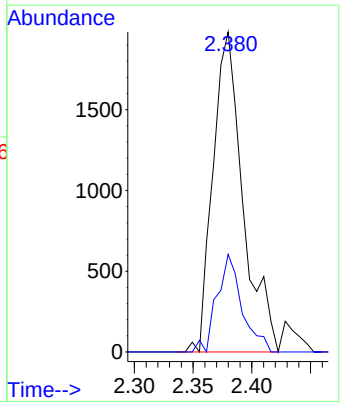


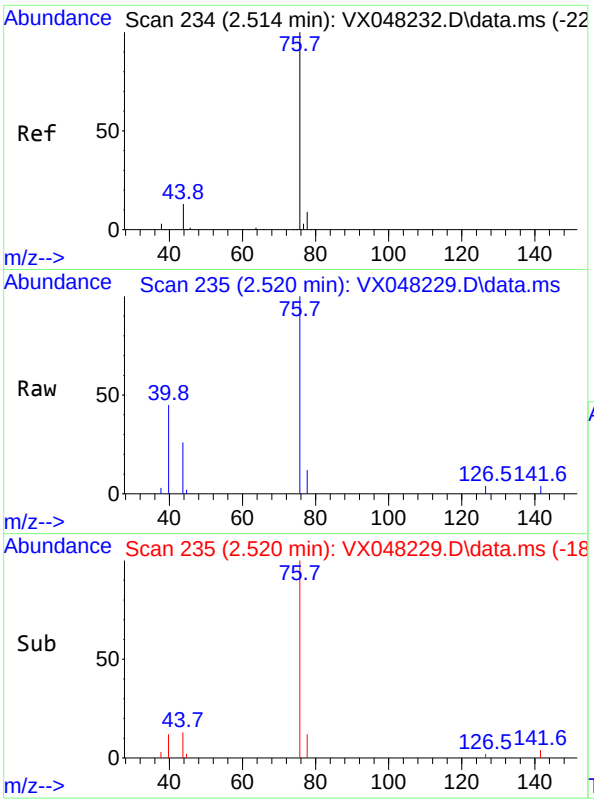


#16
Acetone
Concen: 6.245 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 3519

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.4	35.2



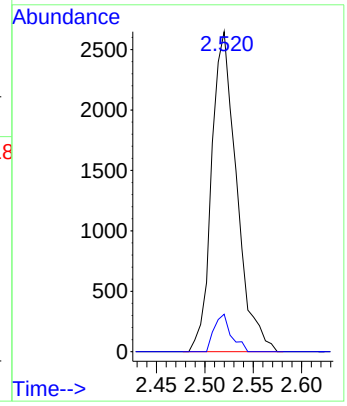


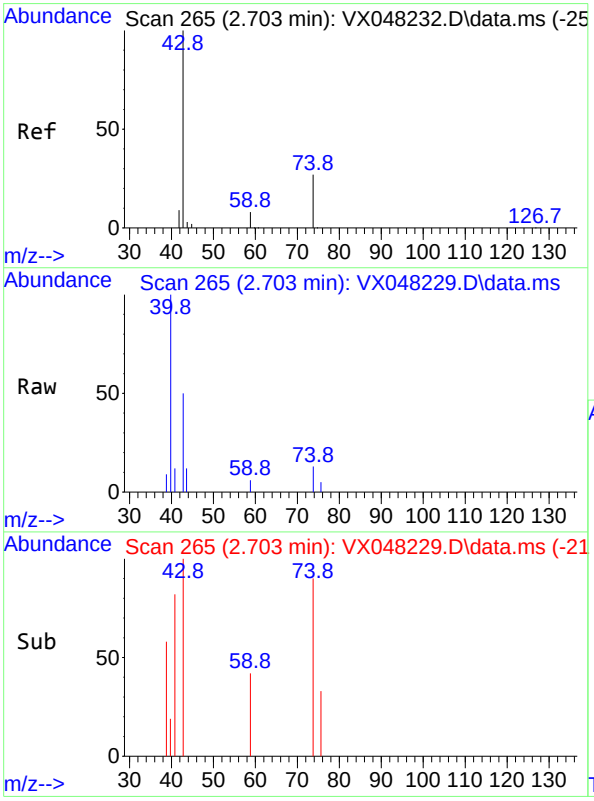
#17
Carbon Disulfide
Concen: 1.230 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 4767

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.1	10.7#

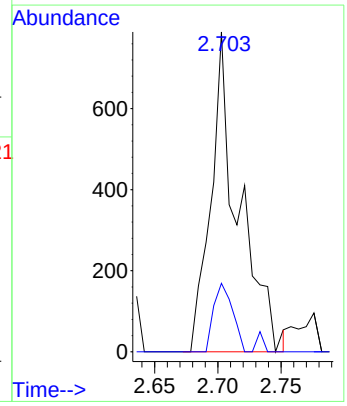


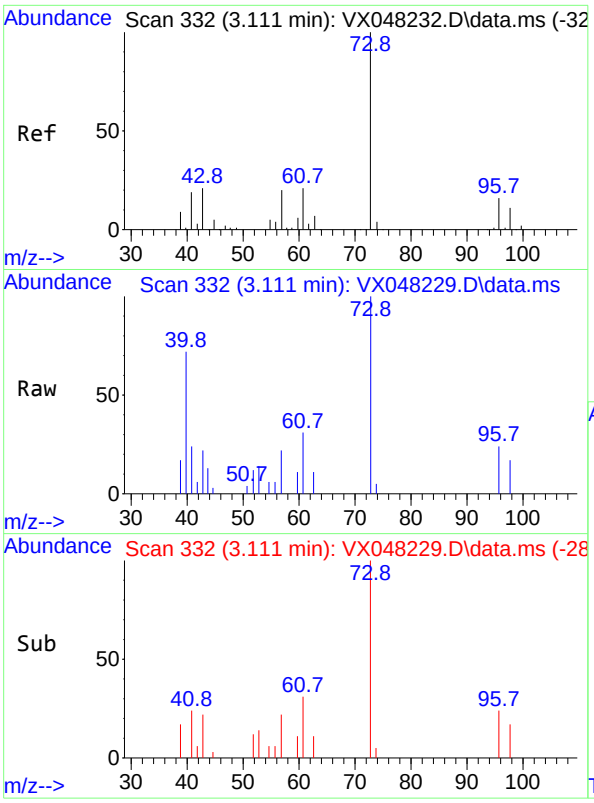


#18
Methyl Acetate
Concen: 1.023 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 1204

Ion	Ratio	Lower	Upper
43	100		
74	14.6	17.5	26.3#



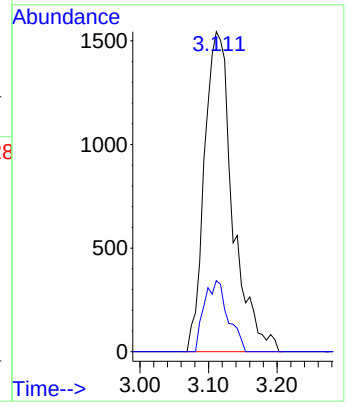


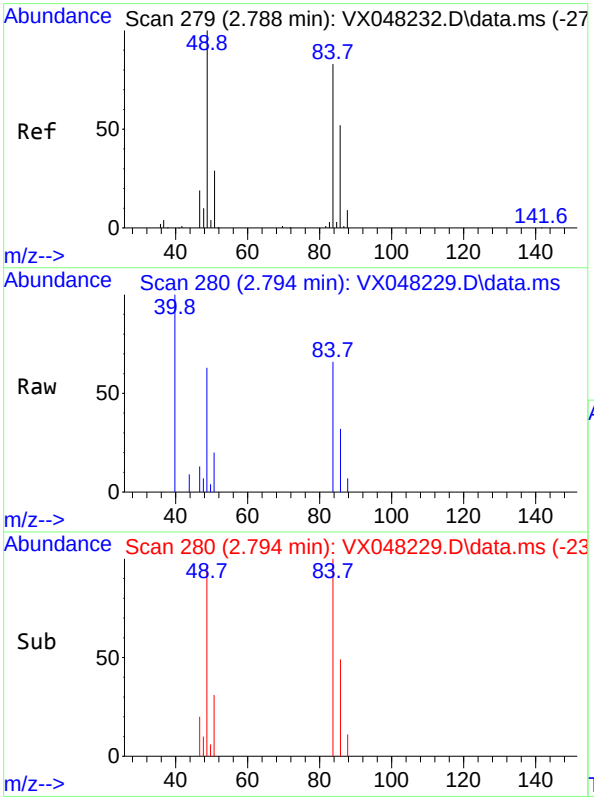
#19
Methyl tert-butyl Ether
Concen: 1.057 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 4437

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

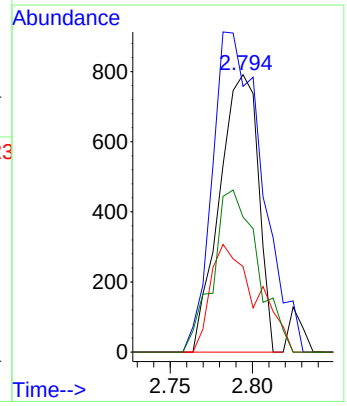


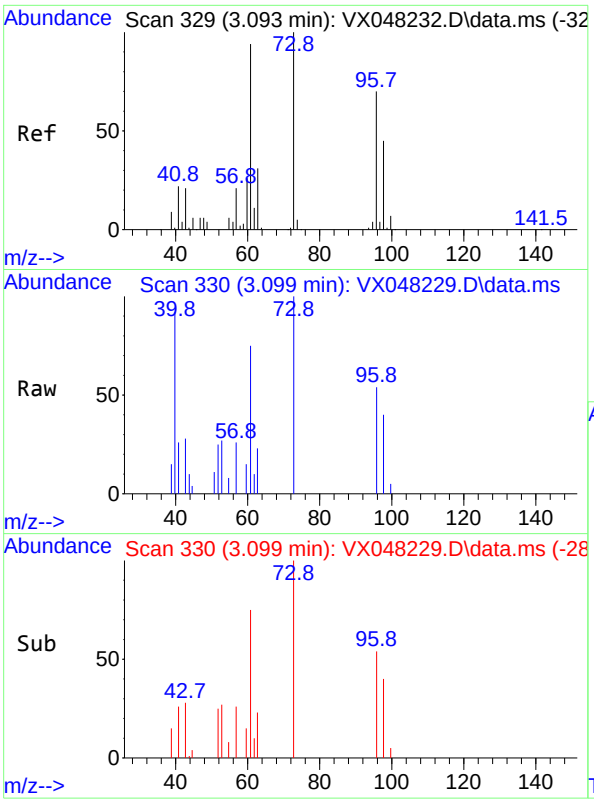


#20
Methylene Chloride
Concen: 0.948 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 84 Resp: 1301

Ion	Ratio	Lower	Upper
84	100		
49	95.8	104.1	156.1#
51	30.8	31.3	46.9#
86	48.7	51.3	76.9#



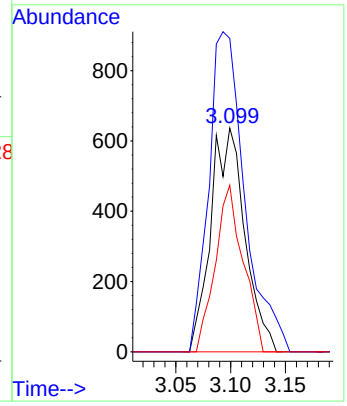


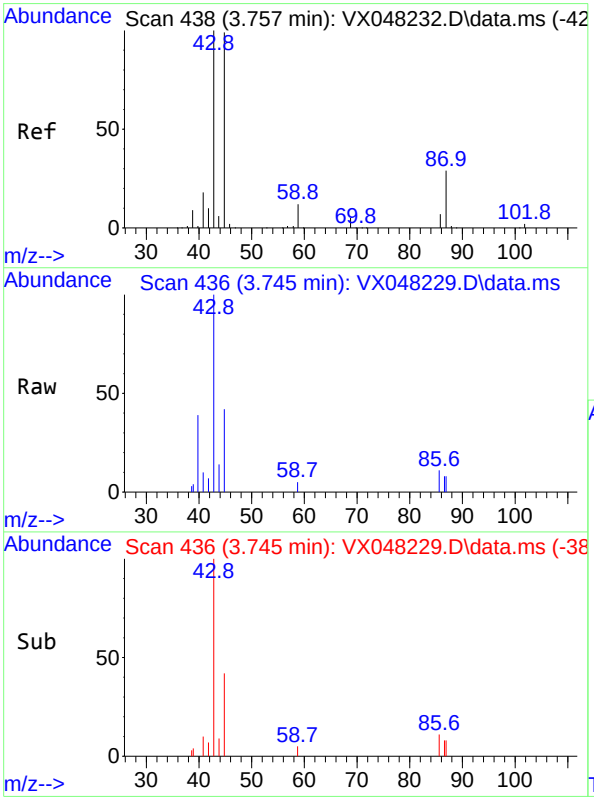
#21
trans-1,2-Dichloroethene
Concen: 1.018 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1376

Ion	Ratio	Lower	Upper
96	100		
61	140.0	111.9	167.9
98	74.4	51.2	76.8

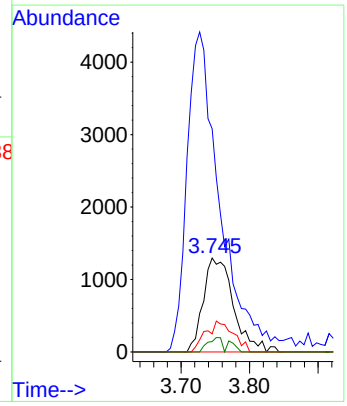


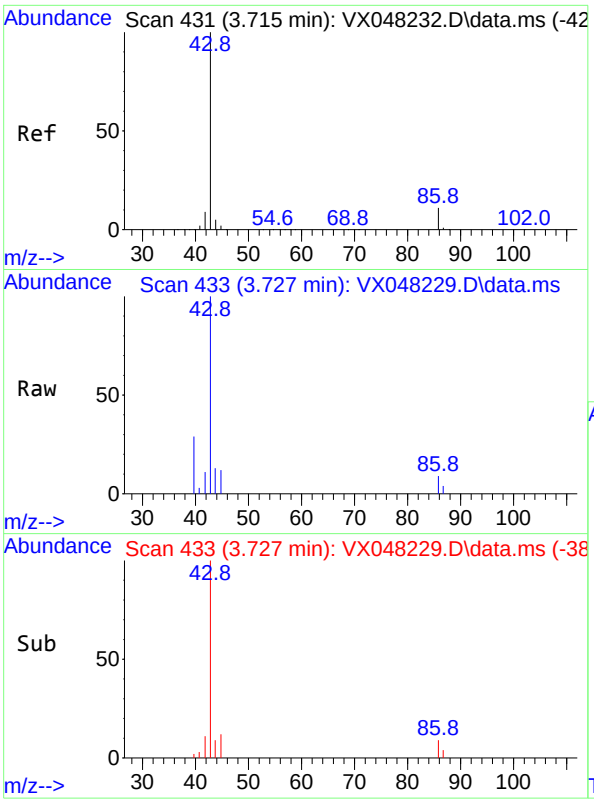


#22
Diisopropyl ether
Concen: 0.976 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 45 Resp: 3977

Ion	Ratio	Lower	Upper
45	100		
43	213.9	89.8	134.8#
87	19.2	20.6	31.0#
59	11.0	9.1	13.7



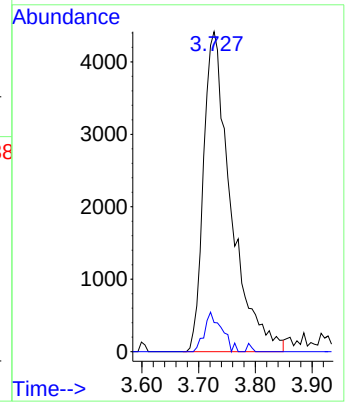


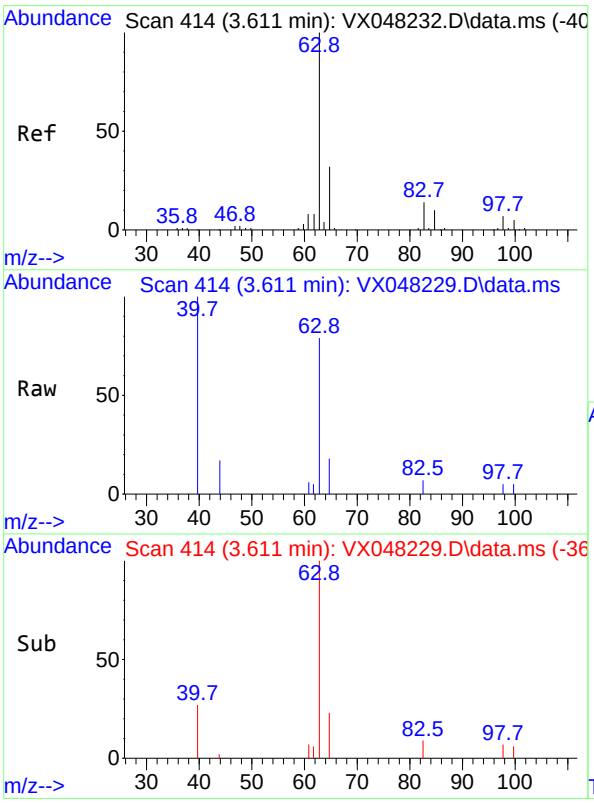
#23
Vinyl Acetate
Concen: 4.539 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 14769

Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.9	11.9

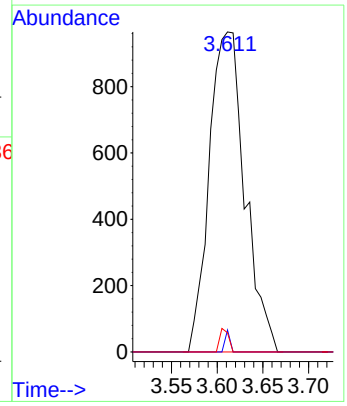


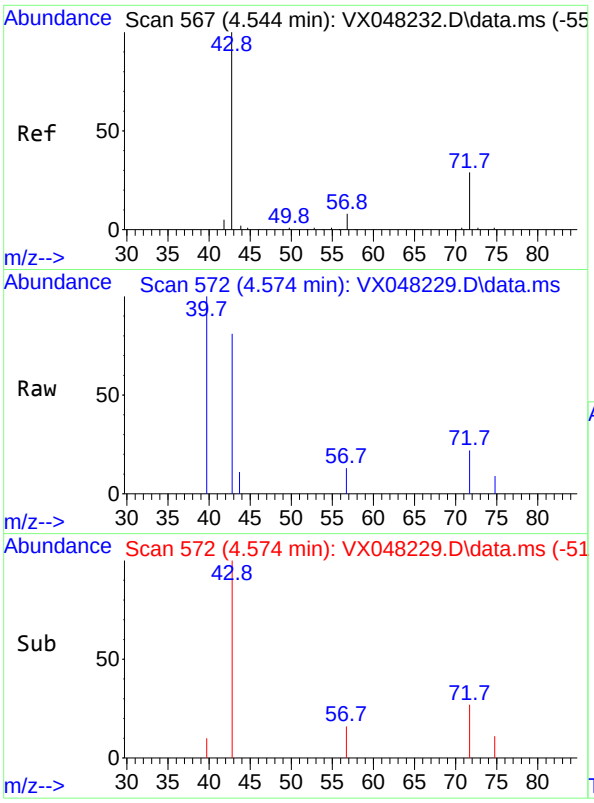


#24
1,1-Dichloroethane
Concen: 1.062 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2615

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	6.0	2.1	6.3



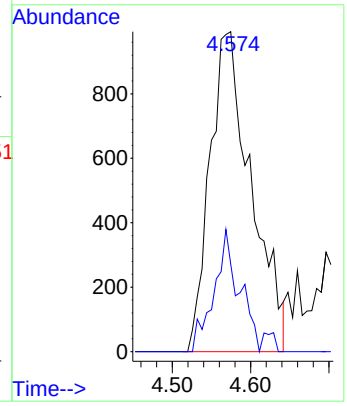


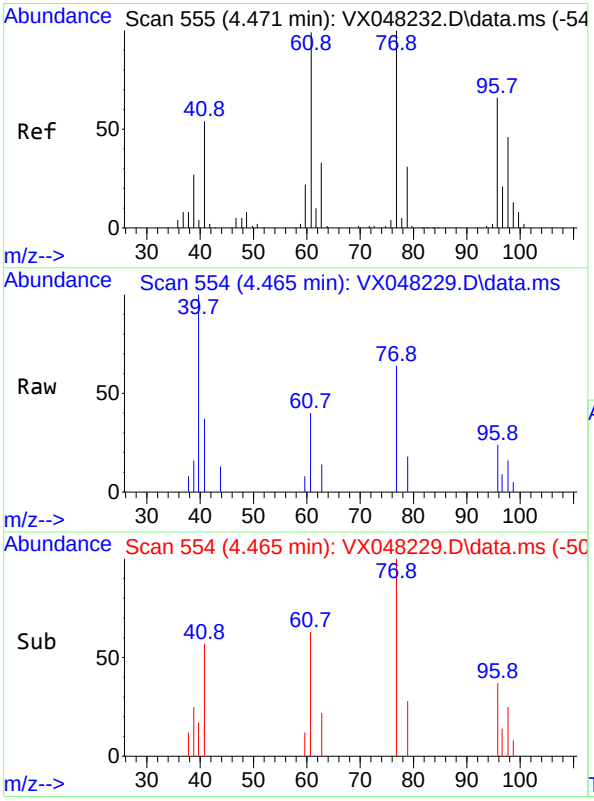
#25
2-Butanone
Concen: 5.100 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 3638

Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.9	29.9

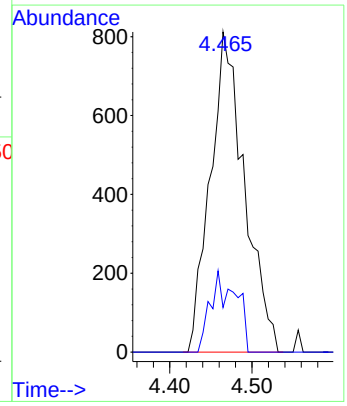


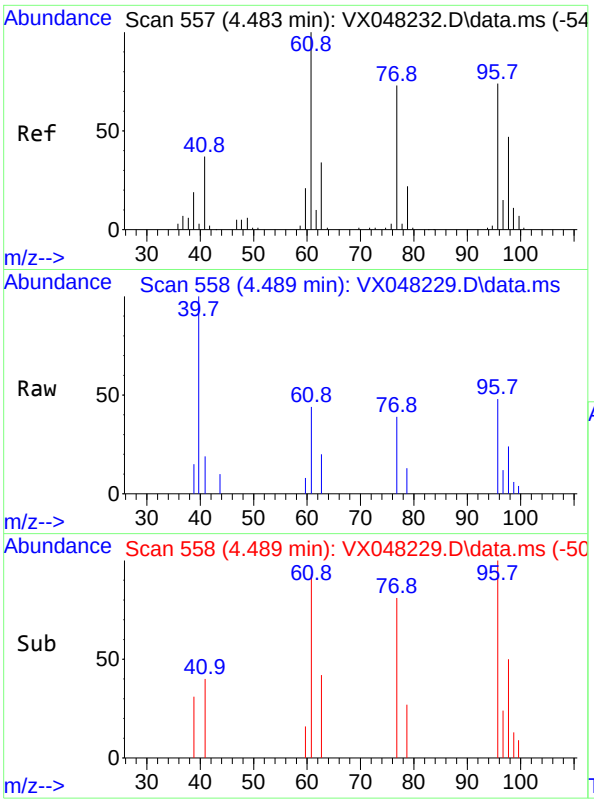


#26
2,2-Dichloropropane
Concen: 1.056 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 77 Resp: 2347

Ion	Ratio	Lower	Upper
77	100		
97	14.3	11.1	33.3



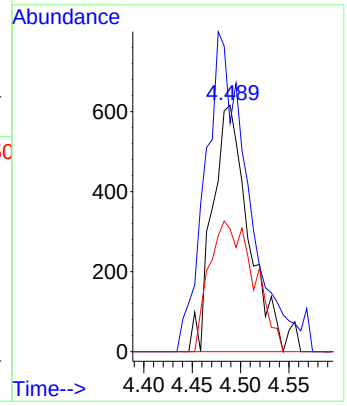


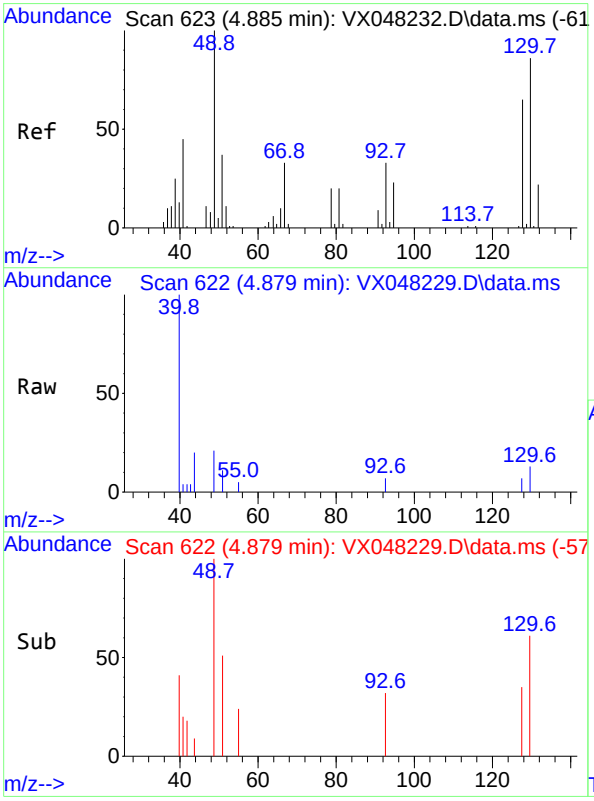
#27
cis-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1598

Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	294.2
98	65.8	0.0	128.4

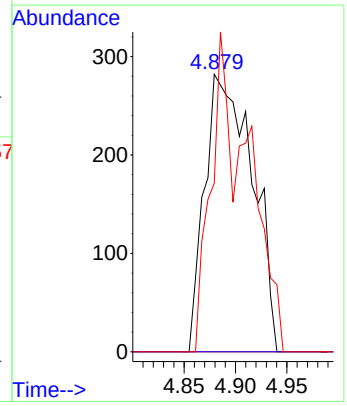


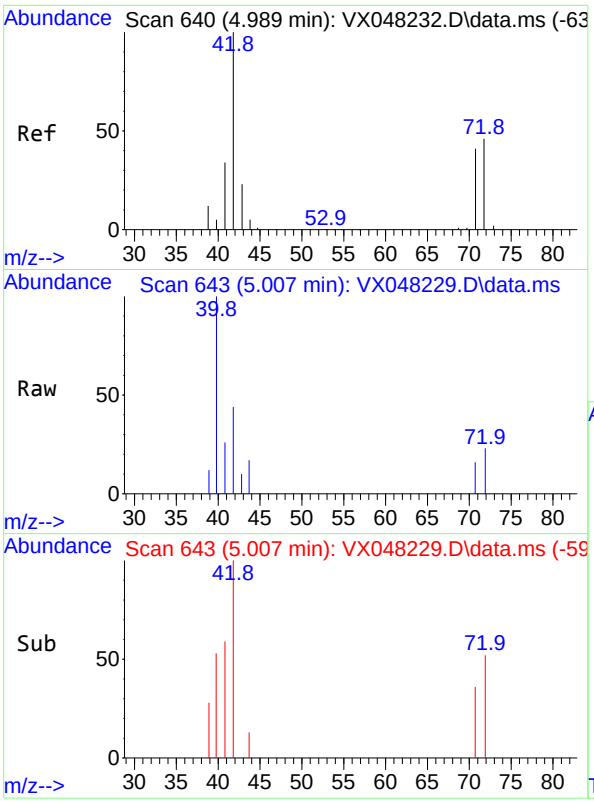


#28
Bromochloromethane
Concen: 0.889 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 49 Resp: 908

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	47.0	59.3	88.9#



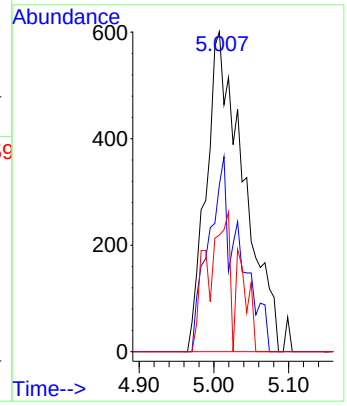


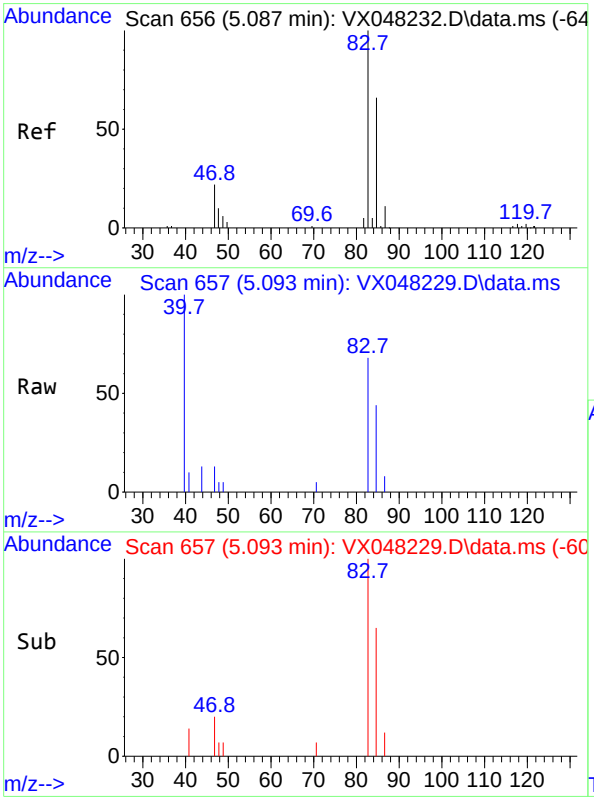
#29
Tetrahydrofuran
Concen: 4.888 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 2088

Ion	Ratio	Lower	Upper
42	100		
72	34.1	35.3	52.9#
71	16.2	32.2	48.4#

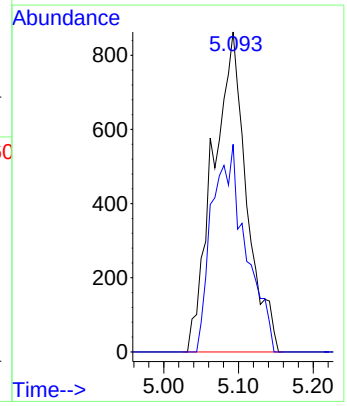


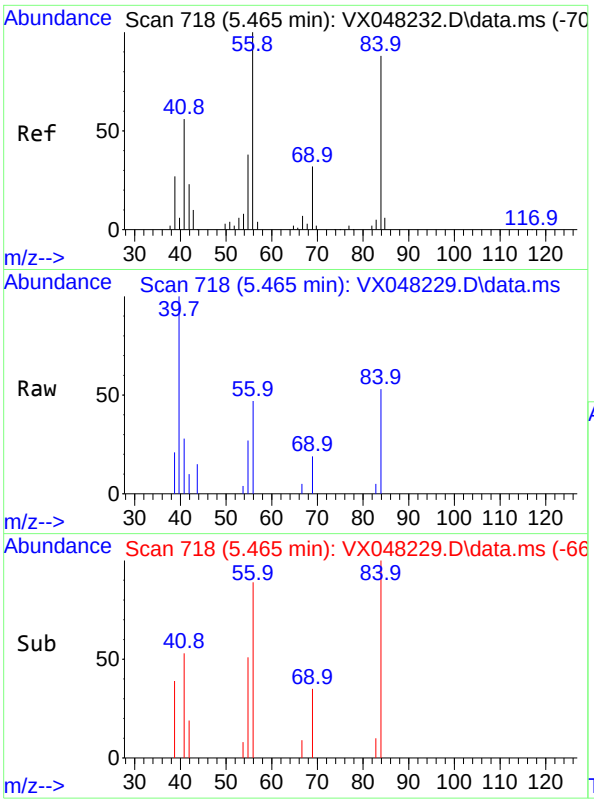


#30
Chloroform
Concen: 1.022 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 83 Resp: 2688

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1



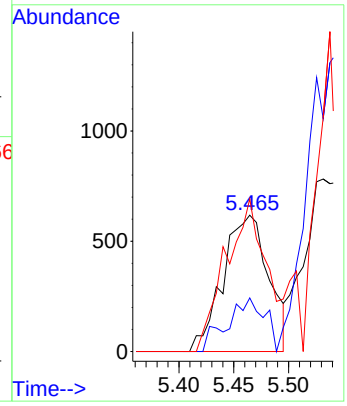


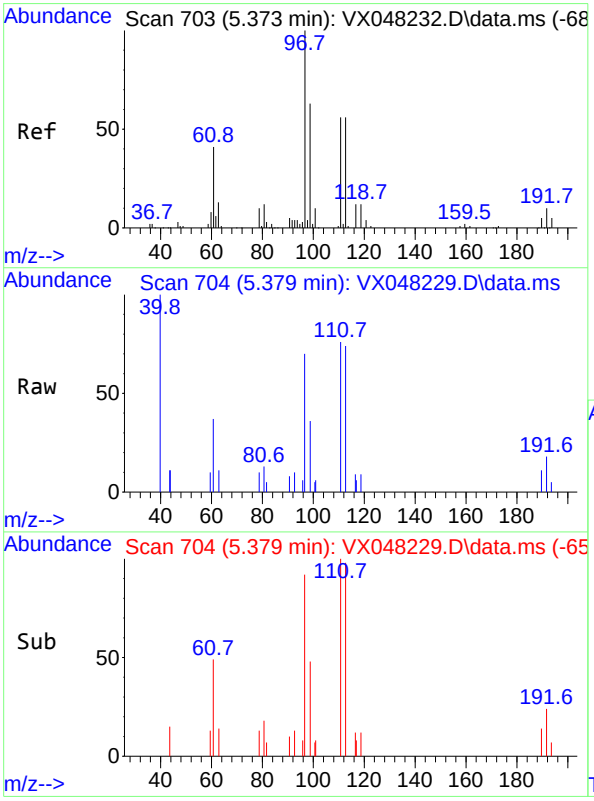
#31
Cyclohexane
Concen: 0.881 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1796

Ion	Ratio	Lower	Upper
56	100		
69	39.3	23.0	34.6#
84	112.0	64.6	97.0#

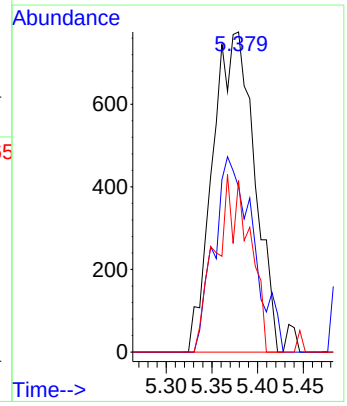


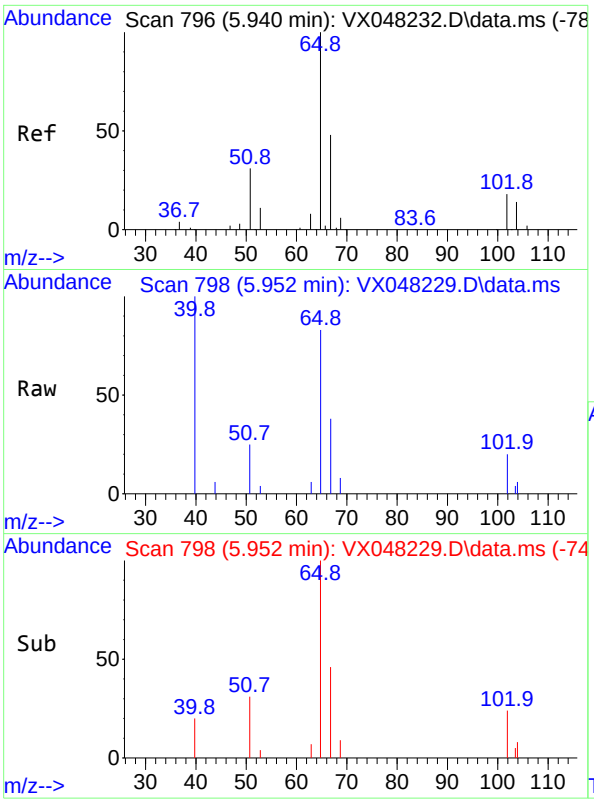


#32
1,1,1-Trichloroethane
Concen: 1.014 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 97 Resp: 2459

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	44.9	34.8	52.2



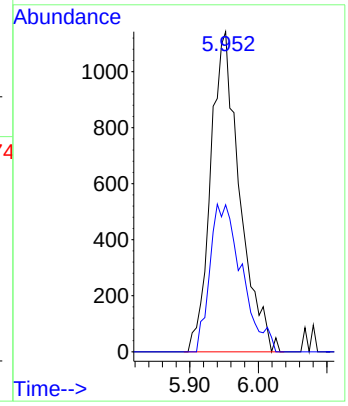


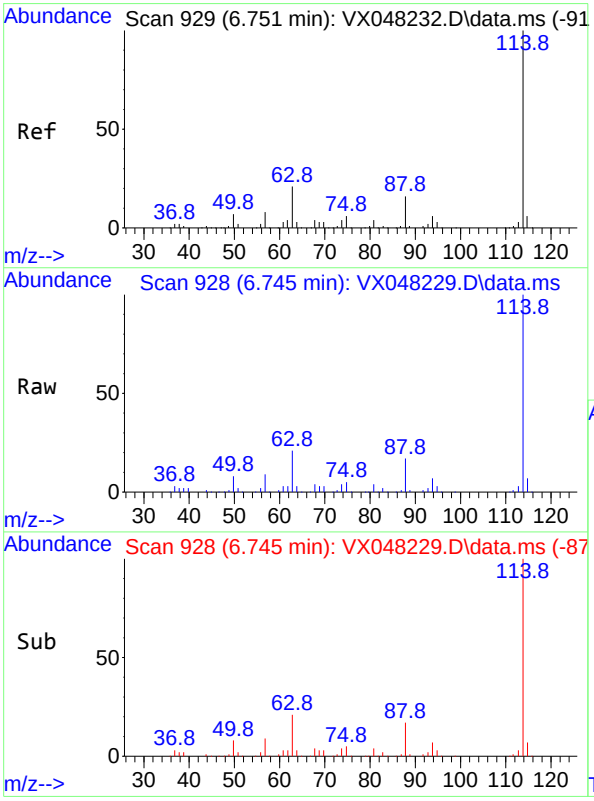
#33
1,2-Dichloroethane-d4
Concen: 2.047 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 3362

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.0

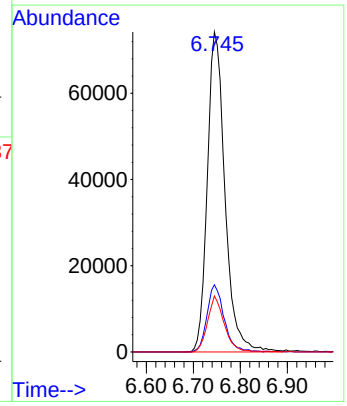


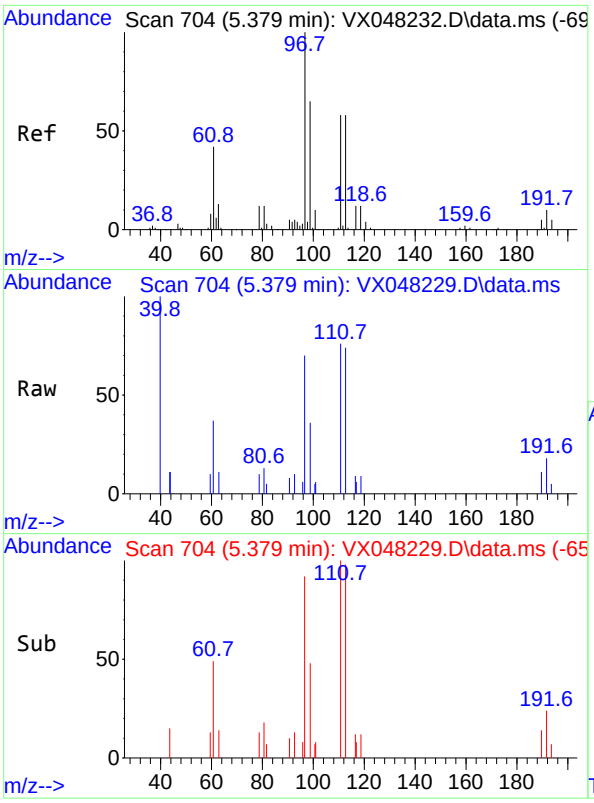


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:114 Resp: 193186

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	17.5	0.0	33.6



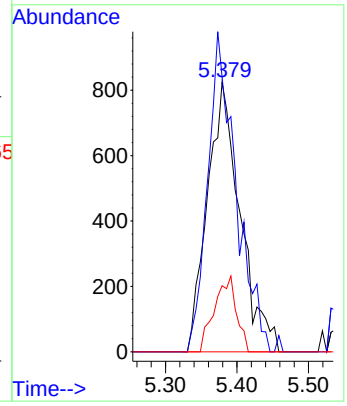


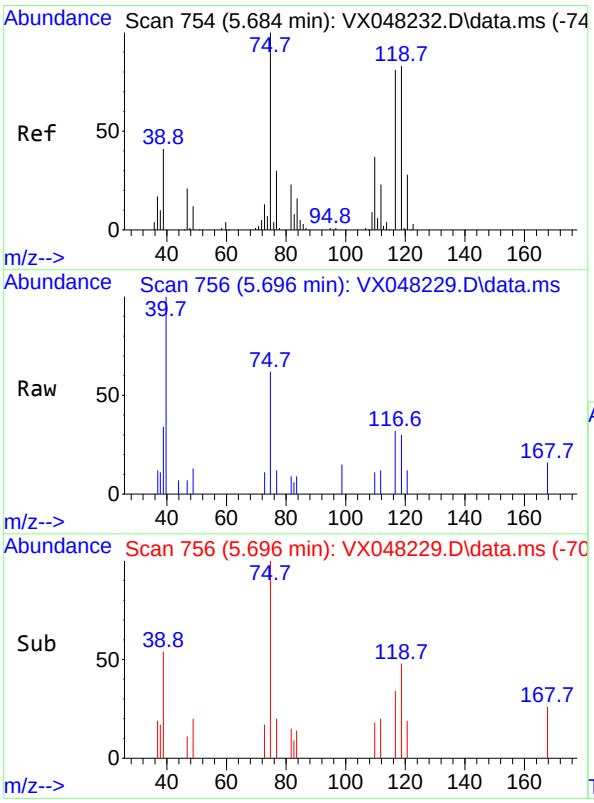
#35
Dibromofluoromethane
Concen: 1.983 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 2615

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	18.8	15.1	22.7

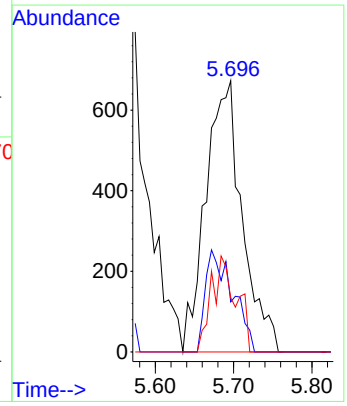


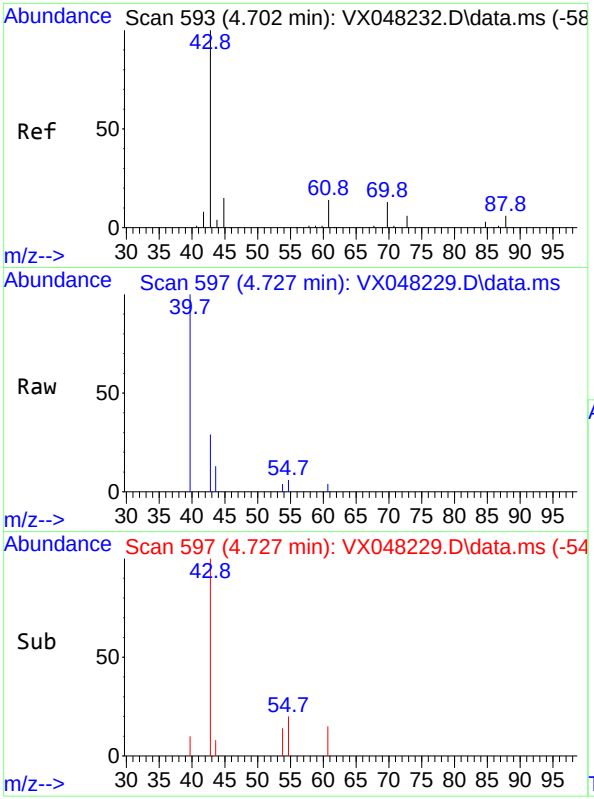


#36
1,1-Dichloropropene
Concen: 1.159 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2173

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.7	53.1#
77	23.9	24.3	36.5#



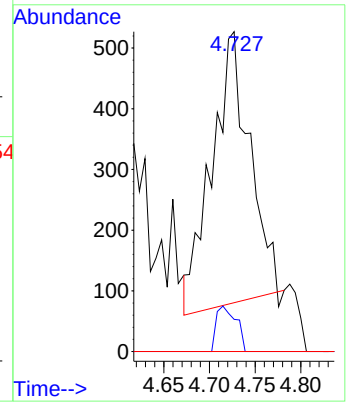


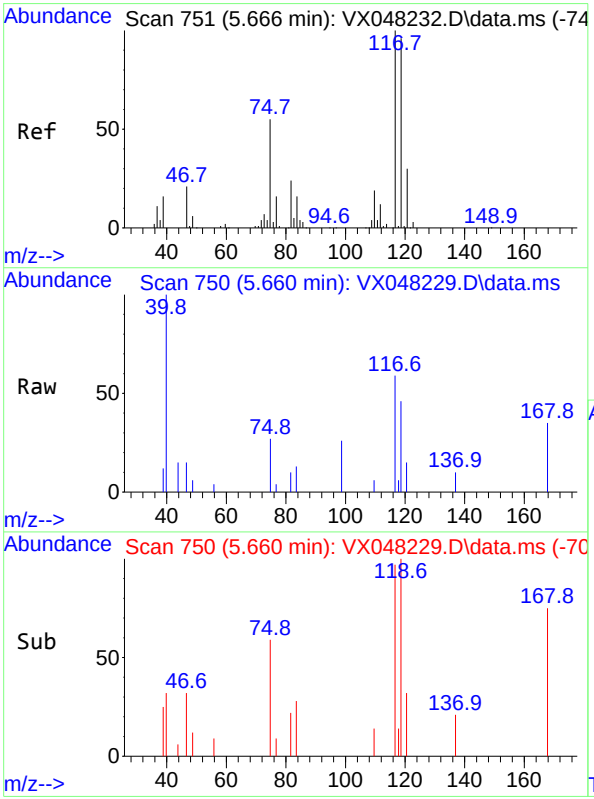
#37
Ethyl Acetate
Concen: 0.827 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.031 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1285

Ion	Ratio	Lower	Upper
43	100		
61	8.8	10.6	15.8#
70	0.0	7.8	11.6#

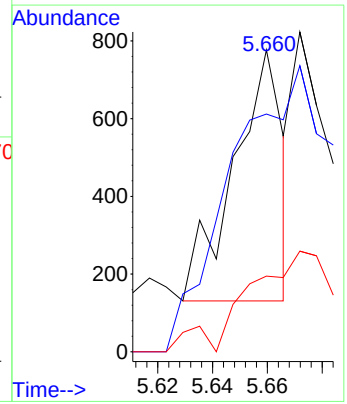


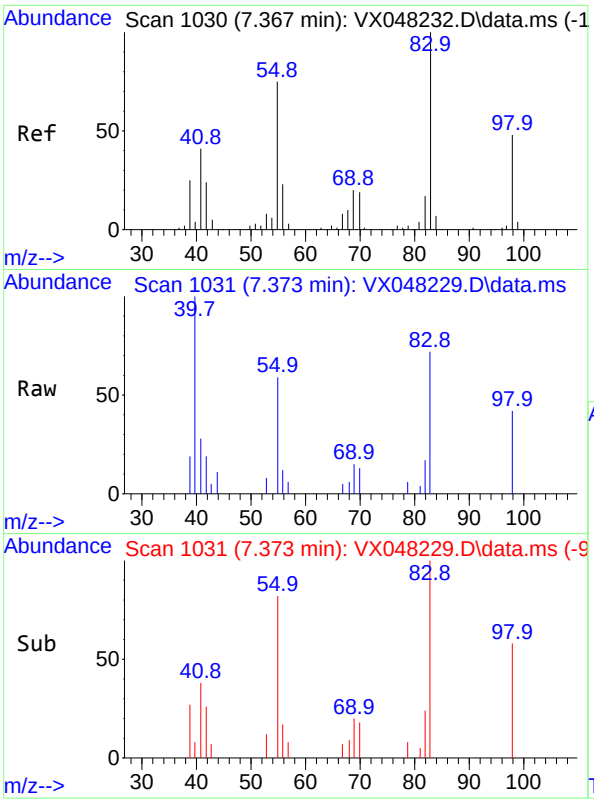


#38
Carbon Tetrachloride
Concen: 0.347 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 802

Ion	Ratio	Lower	Upper
117	100		
119	71.7	77.2	115.8#
121	22.4	24.8	37.2#



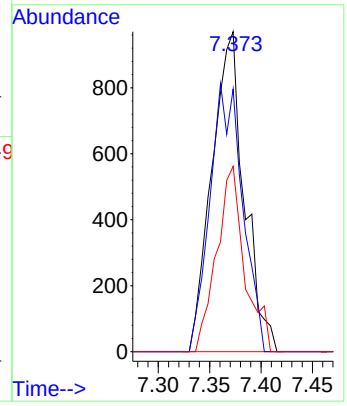


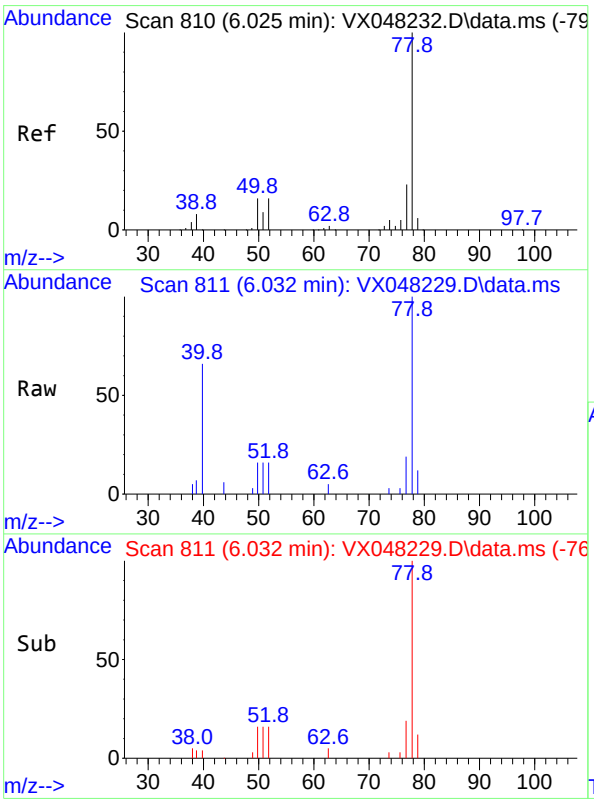
#39
Methylcyclohexane
Concen: 0.961 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2128

Ion	Ratio	Lower	Upper
83	100		
55	82.1	66.2	99.2
98	57.9	38.9	58.3

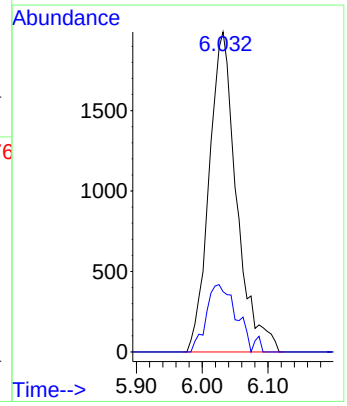


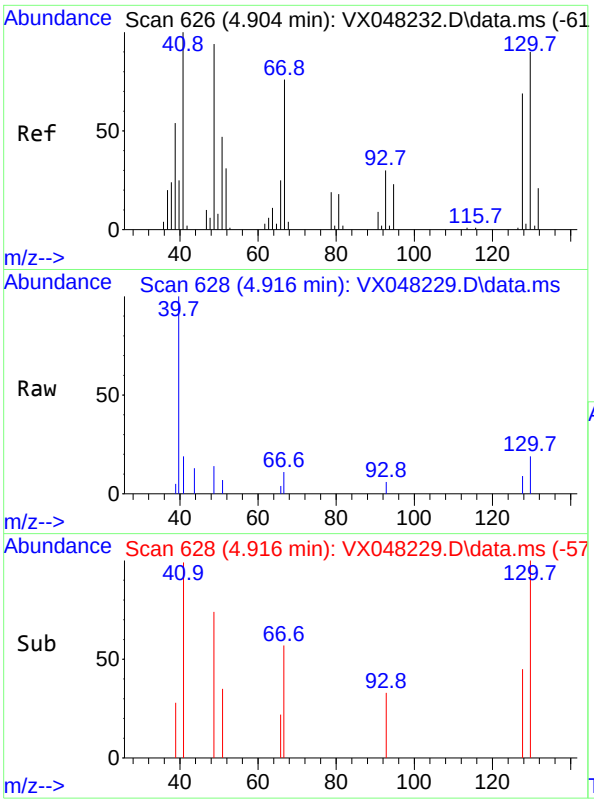


#40
Benzene
Concen: 1.060 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 78 Resp: 5767

Ion	Ratio	Lower	Upper
78	100		
77	18.9	19.3	28.9#



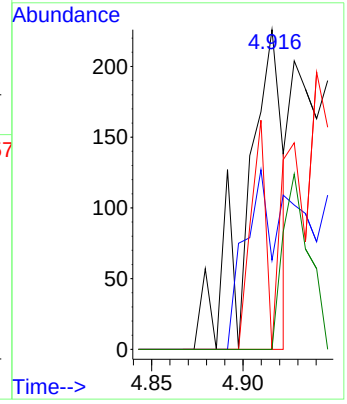


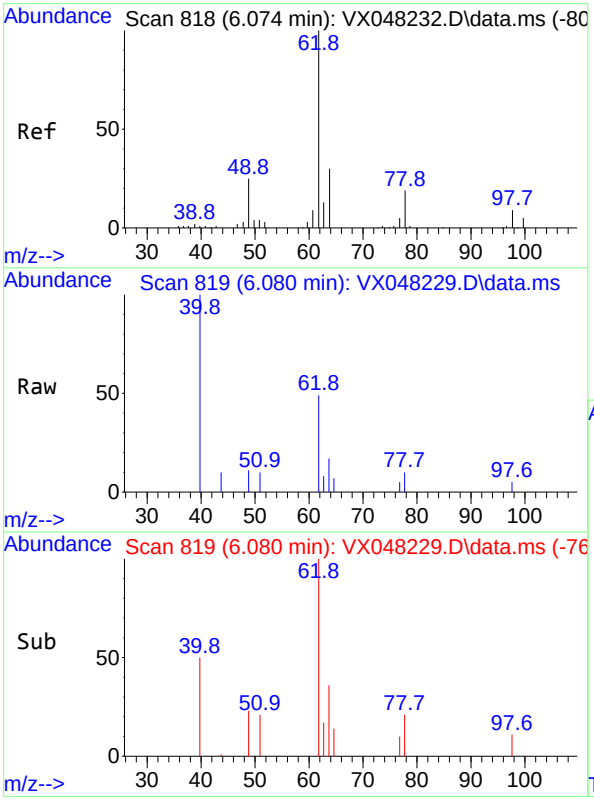
#41
Methacrylonitrile
Concen: 0.382 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 312

Ion	Ratio	Lower	Upper
41	100		
39	40.4	44.0	66.0#
67	29.2	58.7	88.1#
52	39.4	25.9	38.9#

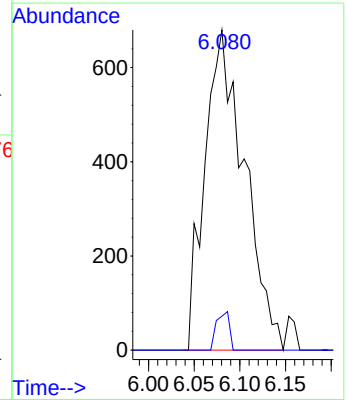


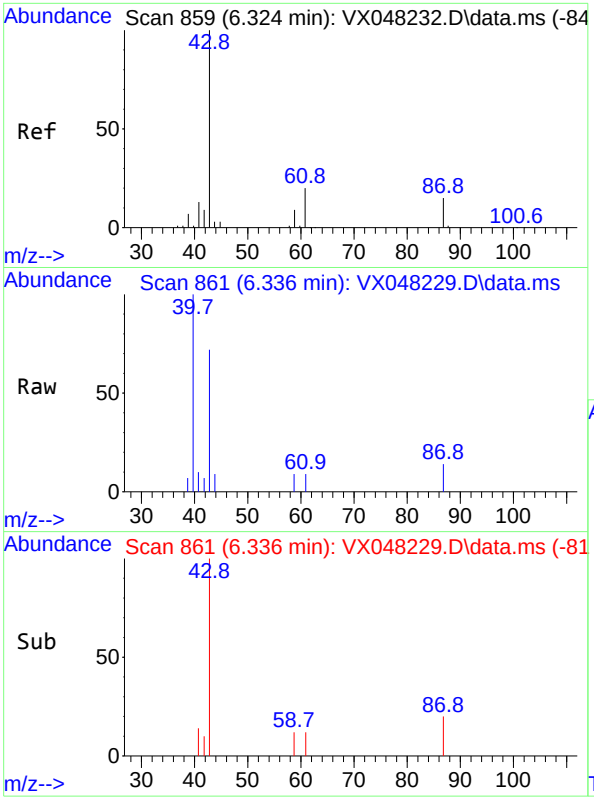


#42
1,2-Dichloroethane
Concen: 1.018 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 62 Resp: 2044

Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	17.2



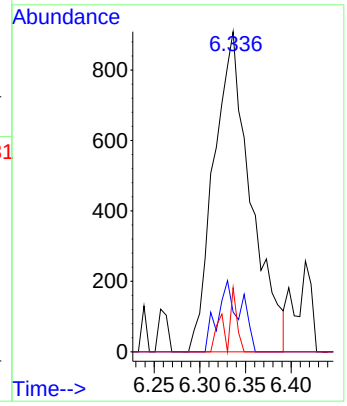


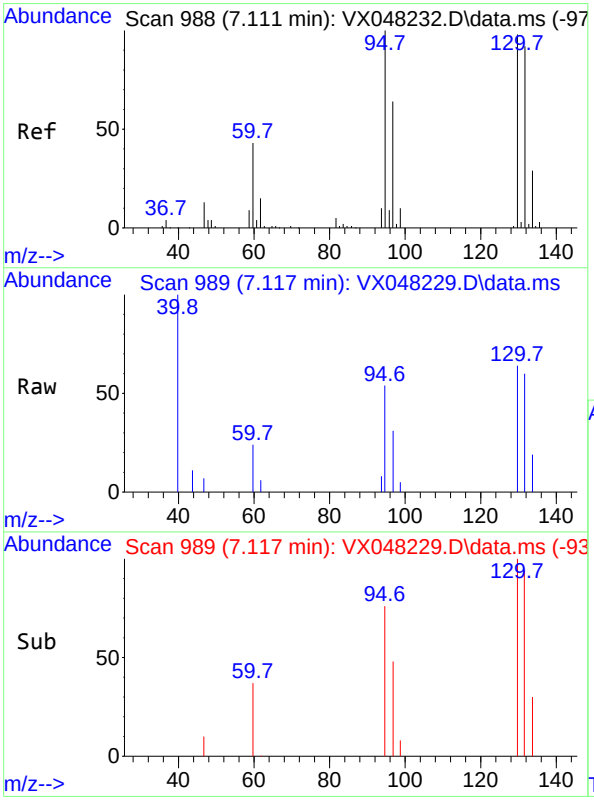
#43
Isopropyl Acetate
Concen: 0.998 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2548

Ion	Ratio	Lower	Upper
43	100		
61	13.8	14.9	22.3#
87	3.4	9.4	14.2#

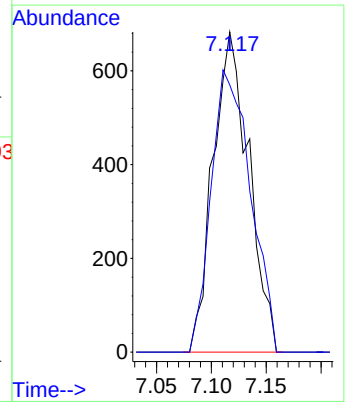


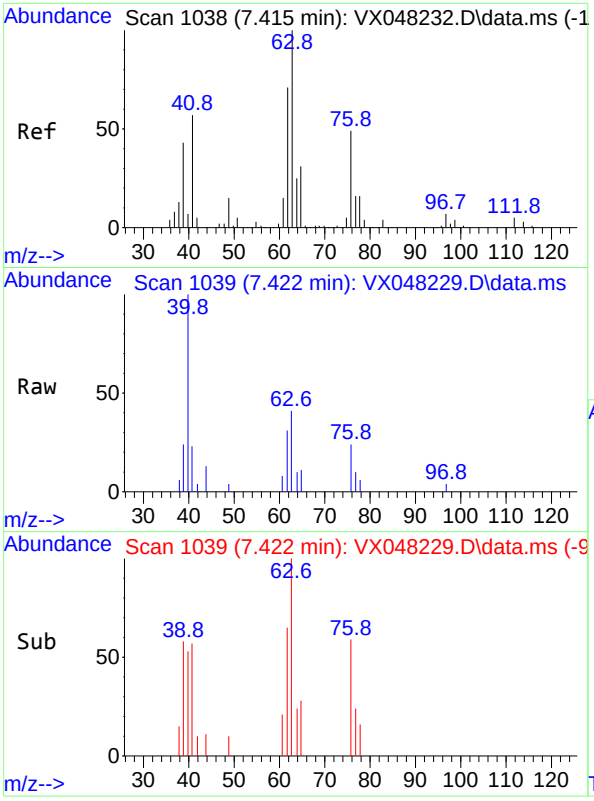


#44
Trichloroethene
Concen: 1.076 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:130 Resp: 1547

Ion	Ratio	Lower	Upper
130	100		
95	83.5	0.0	200.6



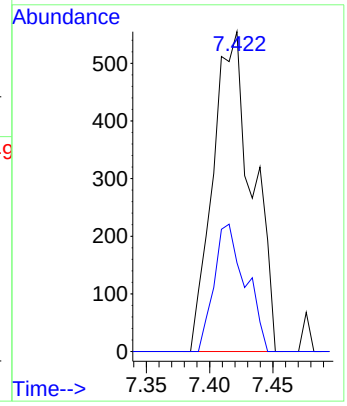


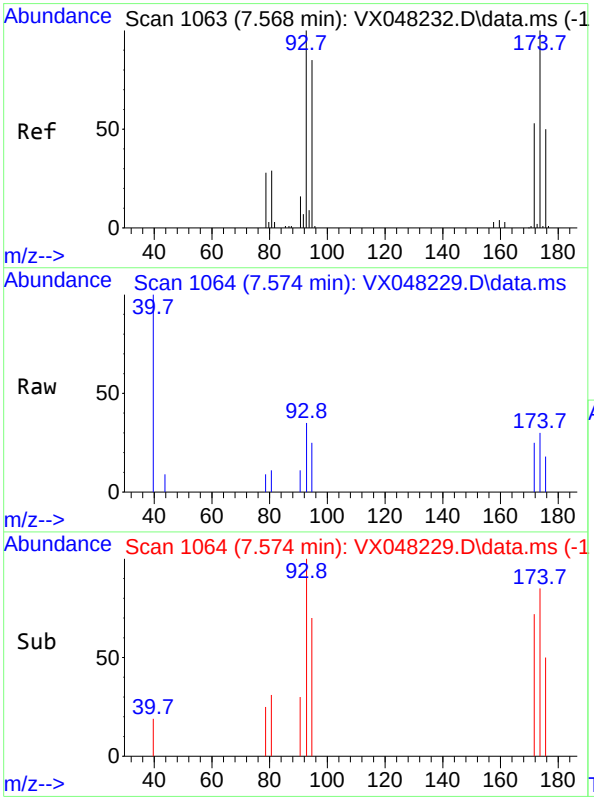
#45
1,2-Dichloropropane
Concen: 0.924 ug/l
RT: 7.422 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1195

Ion	Ratio	Lower	Upper
63	100		
65	27.7	24.1	36.1

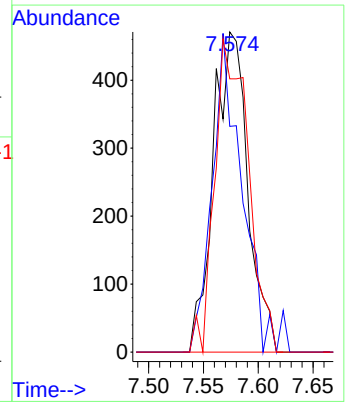


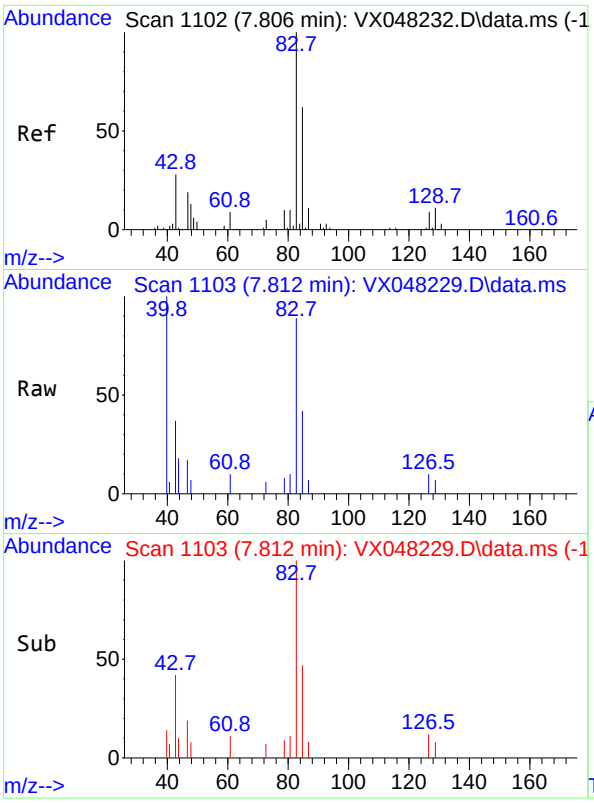


#46
Dibromomethane
Concen: 1.024 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 93 Resp: 1032

Ion	Ratio	Lower	Upper
93	100		
95	86.4	65.9	98.9
174	95.3	71.7	107.5



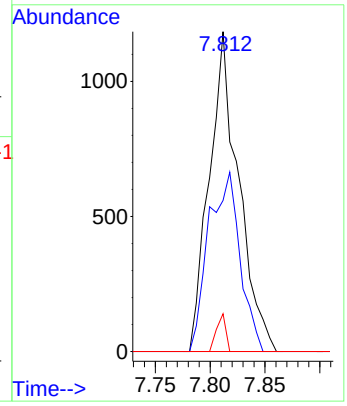


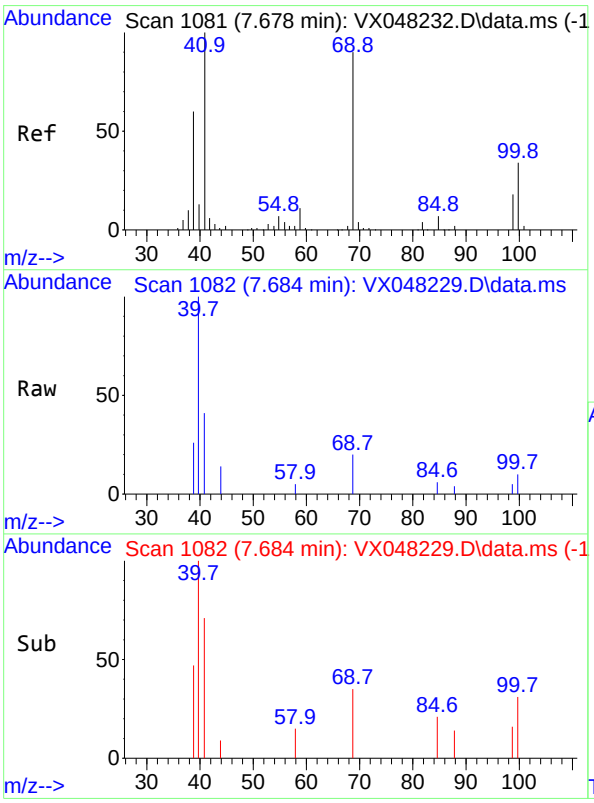
#47
Bromodichloromethane
Concen: 1.013 ug/l
RT: 7.812 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2204

Ion	Ratio	Lower	Upper
83	100		
85	47.2	52.2	78.4#
127	11.8	7.3	10.9#

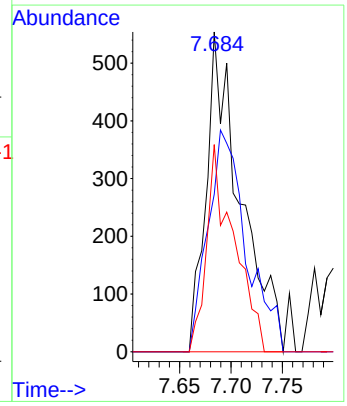


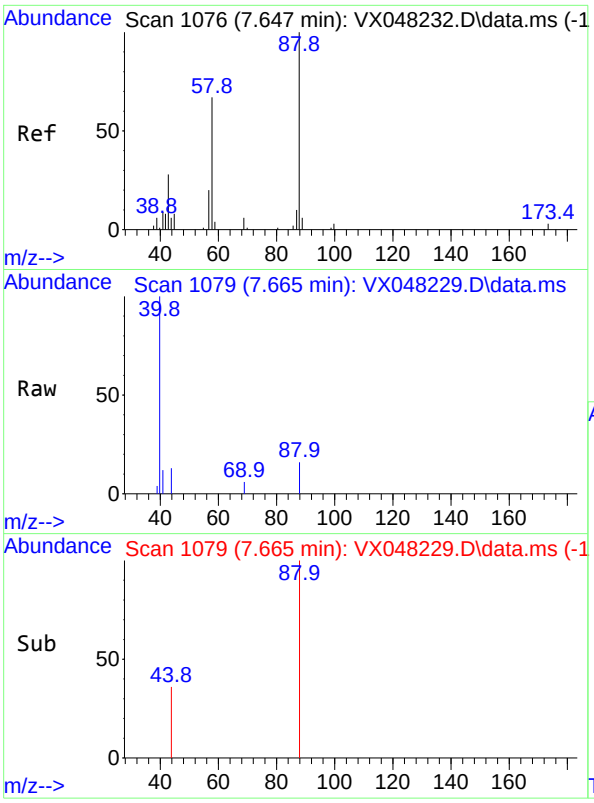


#48
Methyl methacrylate
Concen: 0.996 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 41 Resp: 1283

Ion	Ratio	Lower	Upper
41	100		
69	77.6	63.4	95.0
39	51.7	47.1	70.7



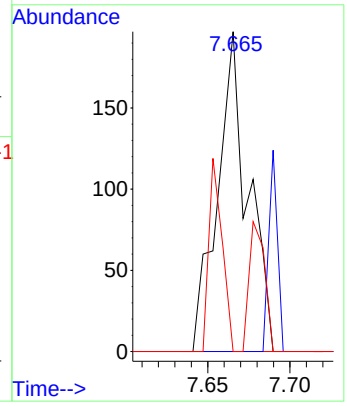


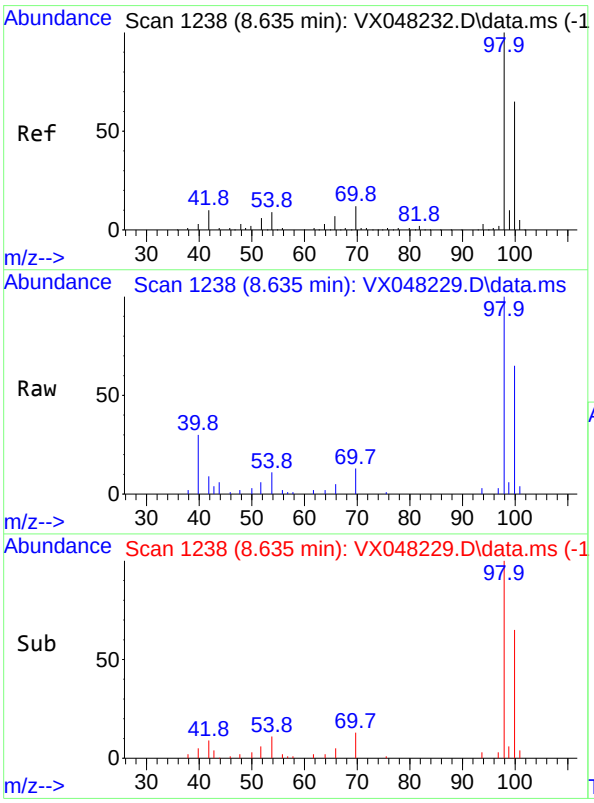
#49
1,4-Dioxane
Concen: 14.987 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 255

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4#
58	20.8	61.9	92.9#

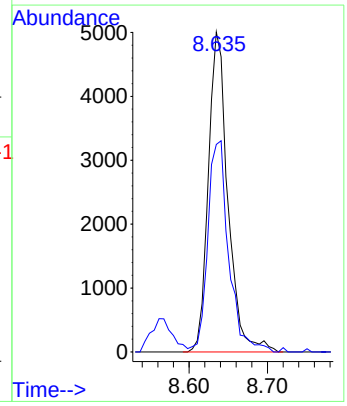


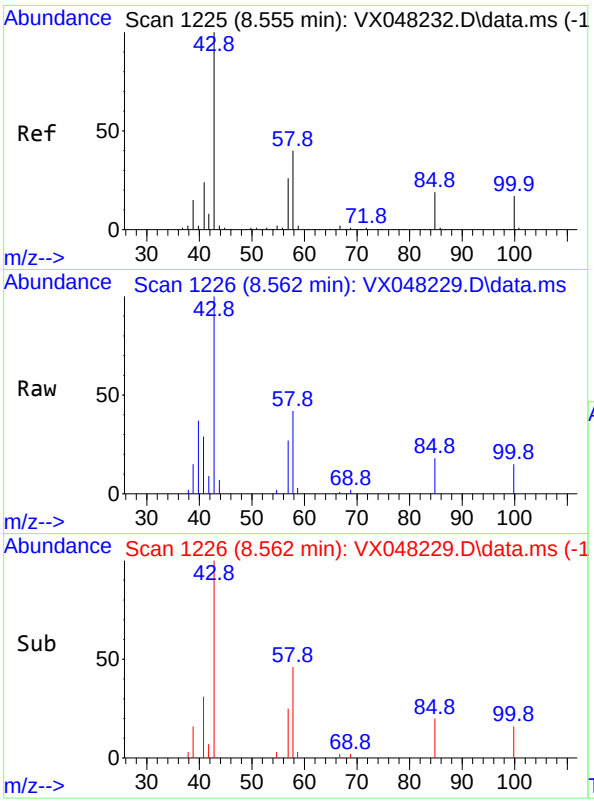


#50
Toluene-d8
Concen: 1.877 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 98 Resp: 8676

Ion	Ratio	Lower	Upper
98	100		
100	70.5	53.0	79.4



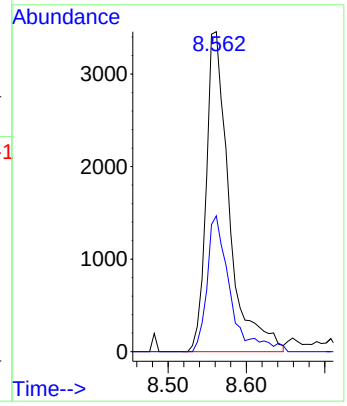


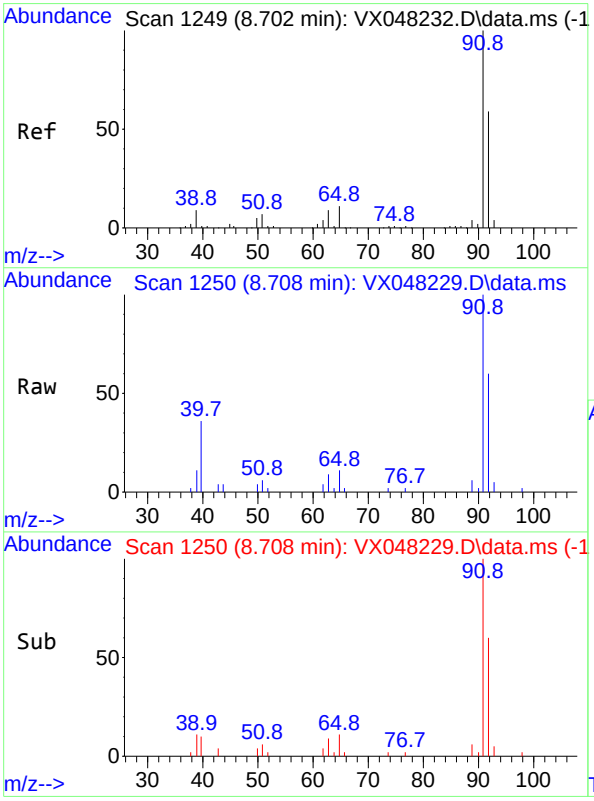
#51
4-Methyl-2-Pentanone
Concen: 4.802 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 7066

Ion	Ratio	Lower	Upper
43	100		
58	42.1	29.5	44.3

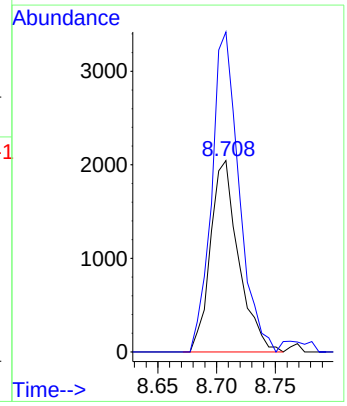


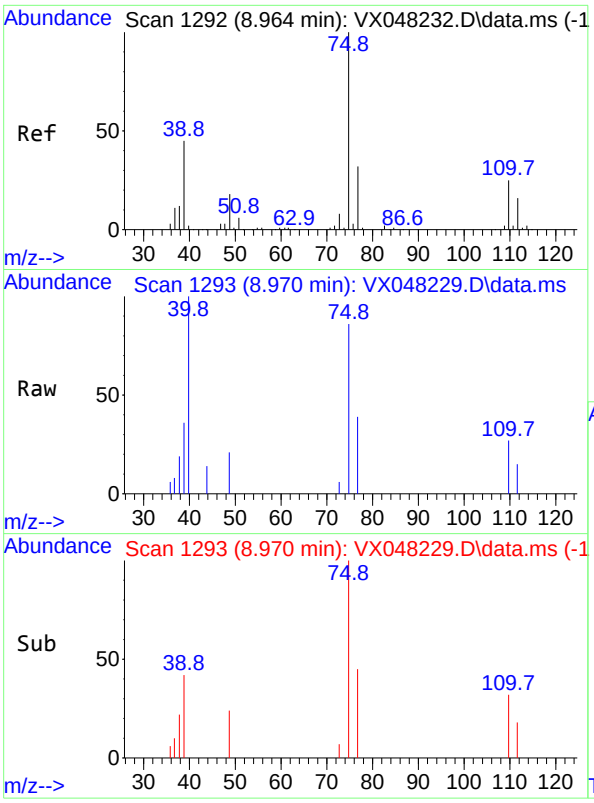


#52
Toluene
Concen: 0.984 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 92 Resp: 3403

Ion	Ratio	Lower	Upper
92	100		
91	162.8	136.1	204.1



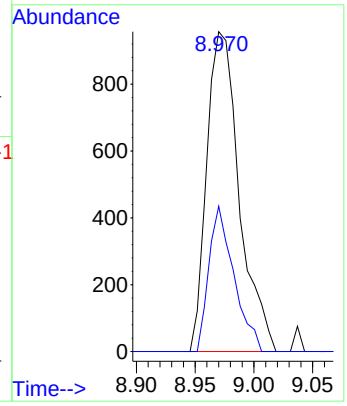


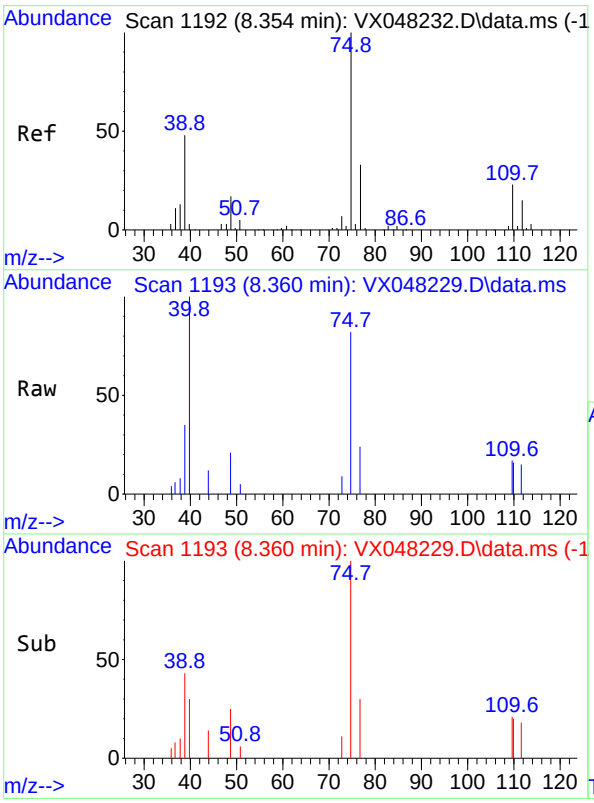
#53
t-1,3-Dichloropropene
Concen: 0.879 ug/l
RT: 8.970 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1844

Ion	Ratio	Lower	Upper
75	100		
77	45.5	25.0	37.6#

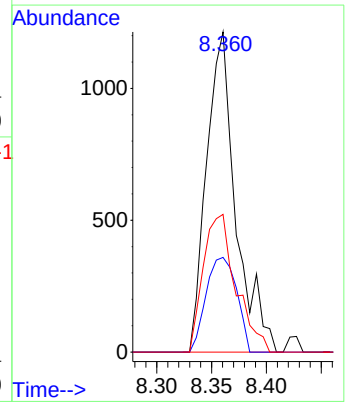


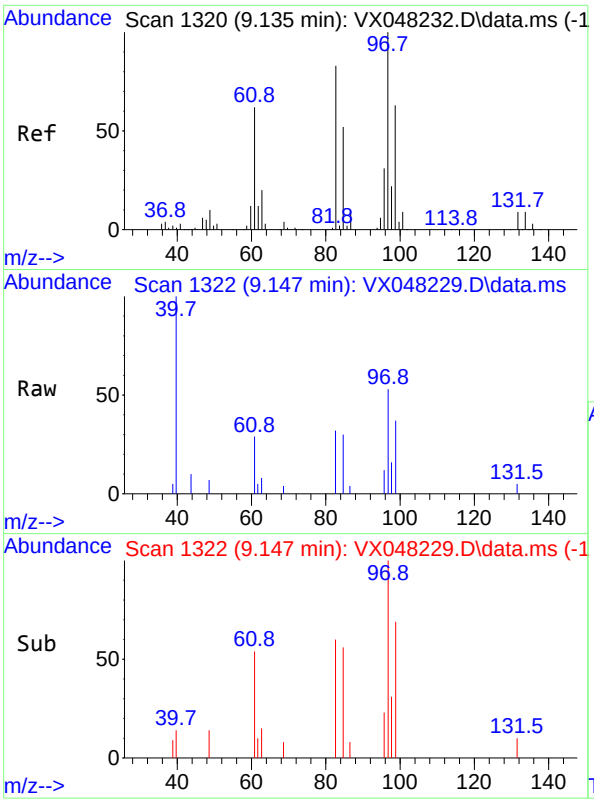


#54
cis-1,3-Dichloropropene
Concen: 0.994 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2250

Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.9	37.3
39	43.0	42.6	64.0



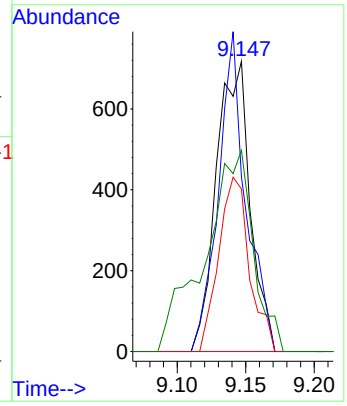


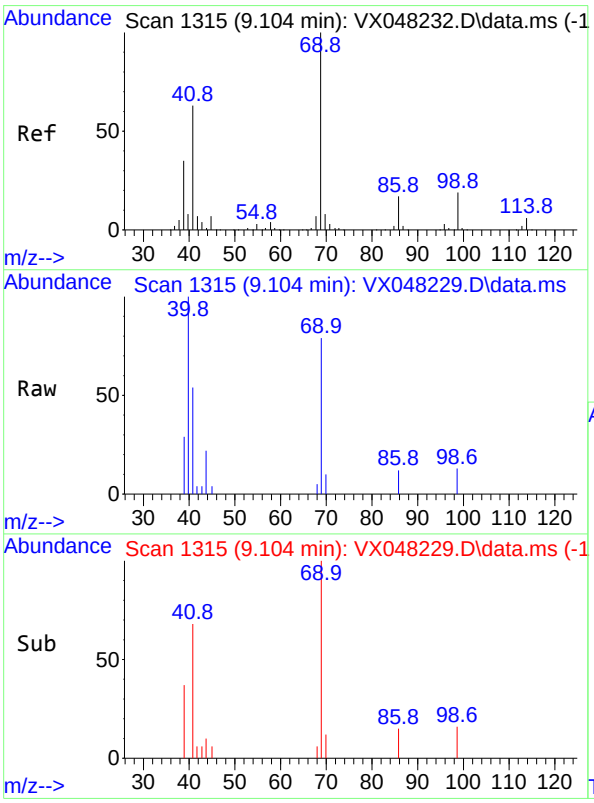
#55
1,1,2-Trichloroethane
Concen: 0.956 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1229

Ion	Ratio	Lower	Upper
97	100		
83	60.2	70.6	105.8#
85	56.0	45.0	67.6
99	69.4	50.9	76.3

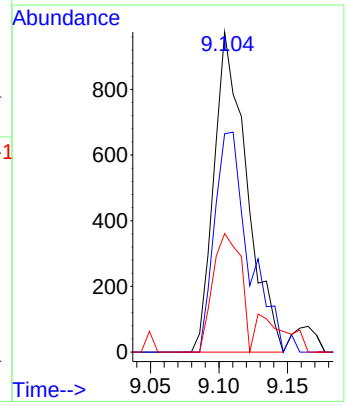


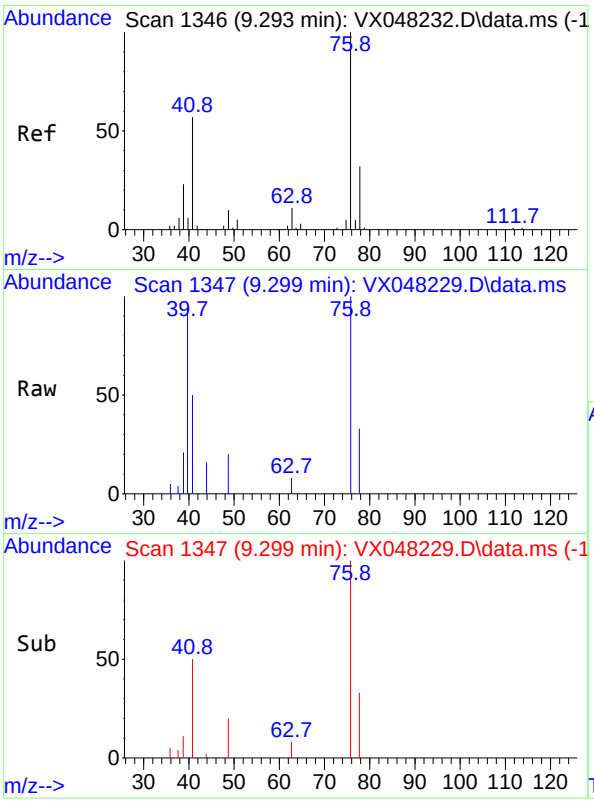


#56
Ethyl methacrylate
Concen: 0.859 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 69 Resp: 1616

Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.0	84.0
39	36.5	31.6	47.4



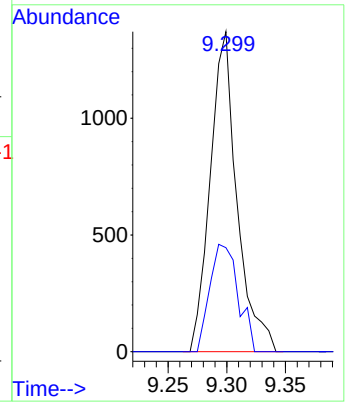


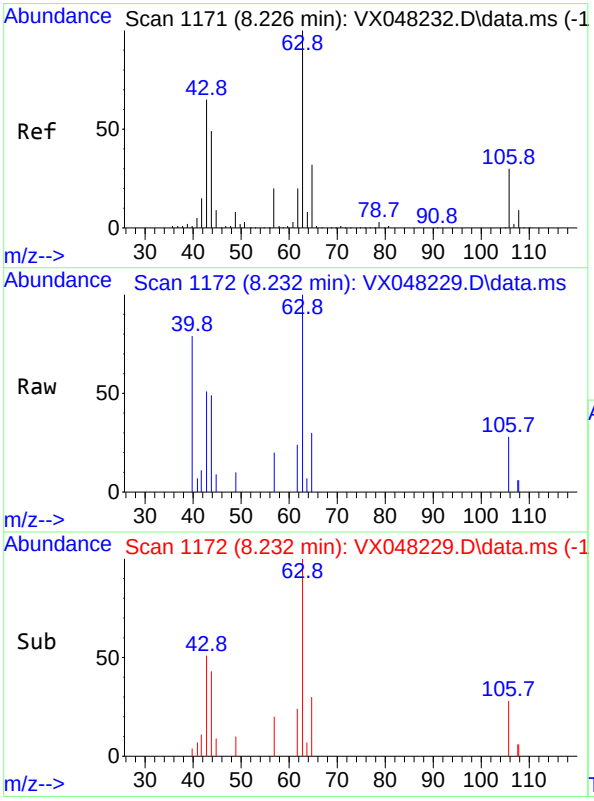
#57
1,3-Dichloropropane
Concen: 0.990 ug/l
RT: 9.299 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2174

Ion	Ratio	Lower	Upper
76	100		
78	35.5	25.4	38.0

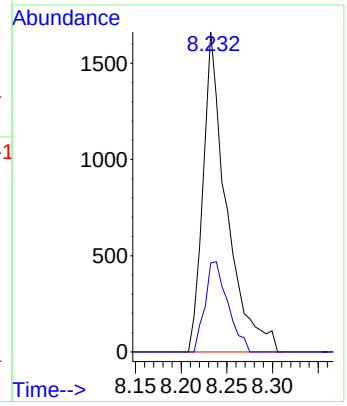


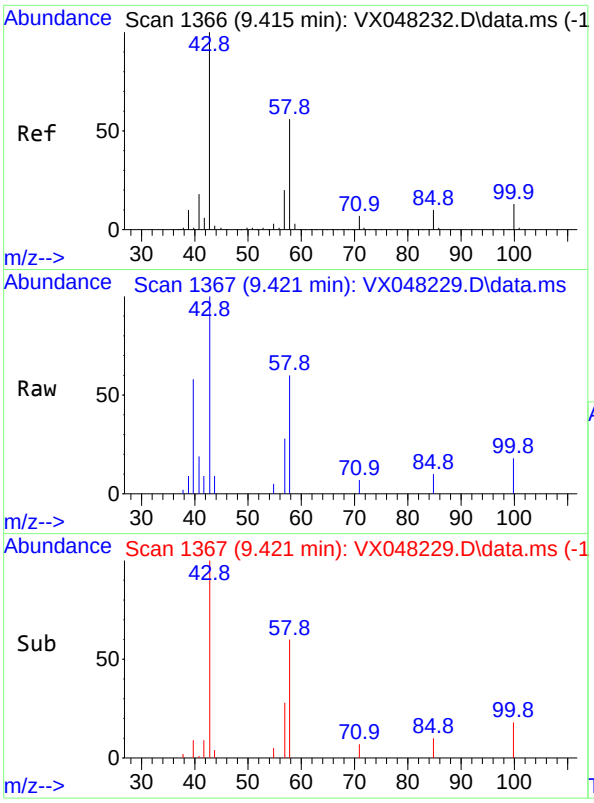


#58
2-Chloroethyl Vinyl ether
Concen: 4.614 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 63 Resp: 2970

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.2	33.2



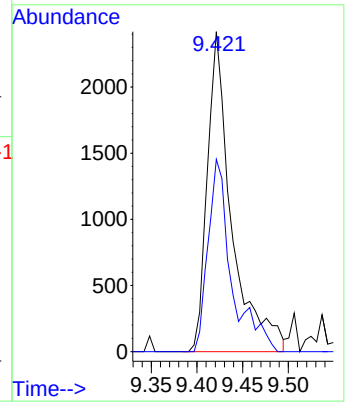


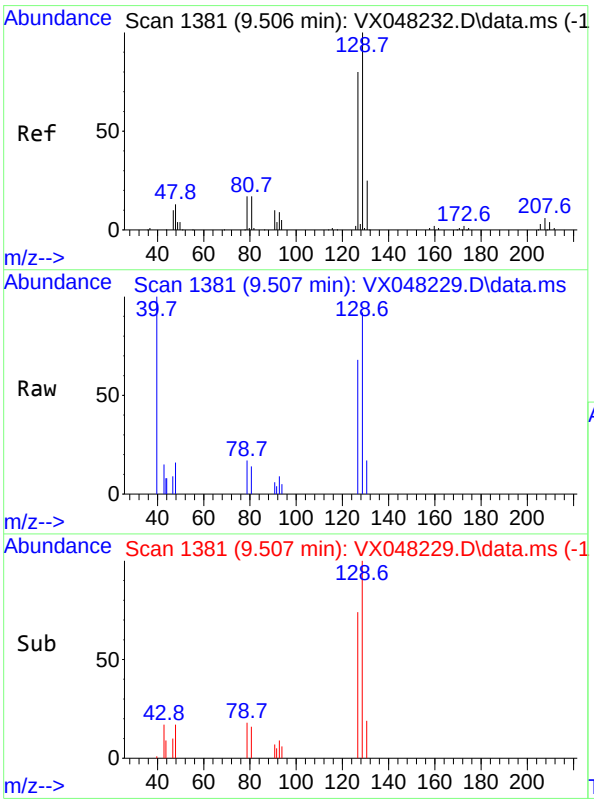
#59
2-Hexanone
Concen: 4.343 ug/l
RT: 9.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 4456

Ion	Ratio	Lower	Upper
43	100		
58	58.1	26.3	78.8

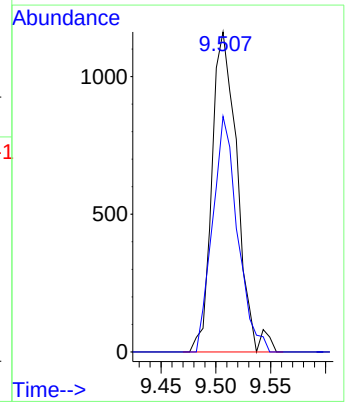


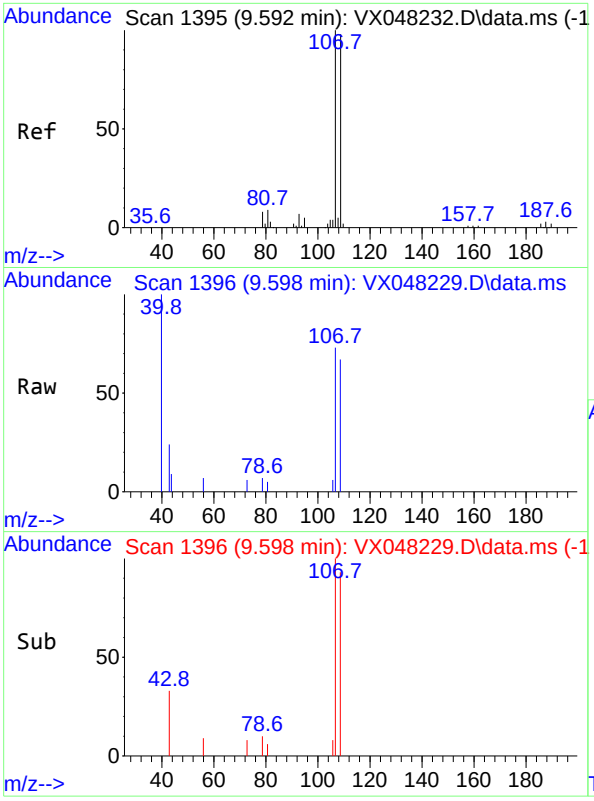


#60
Dibromochloromethane
Concen: 1.077 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:129 Resp: 1862

Ion	Ratio	Lower	Upper
129	100		
127	72.9	38.6	115.7



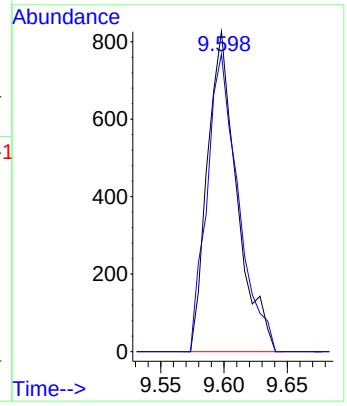


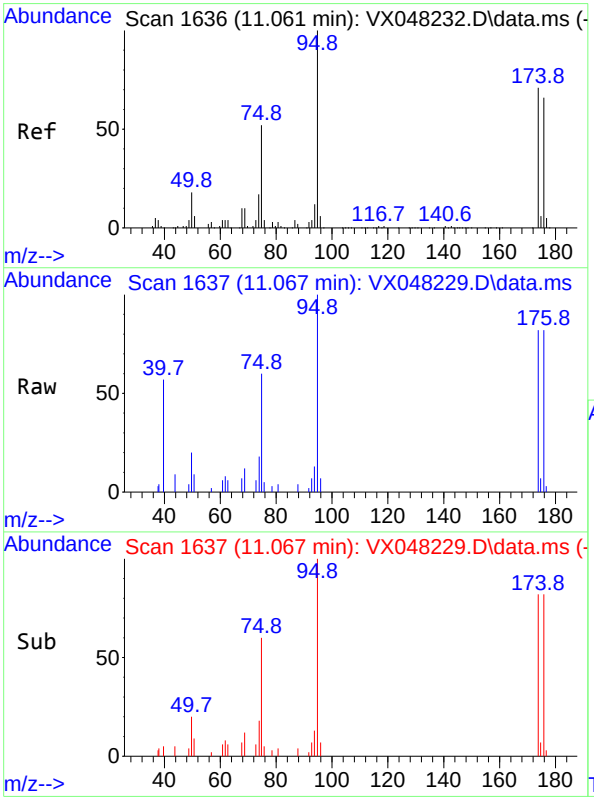
#61
1,2-Dibromoethane
Concen: 0.976 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1338

Ion	Ratio	Lower	Upper
107	100		
109	98.6	77.0	115.4

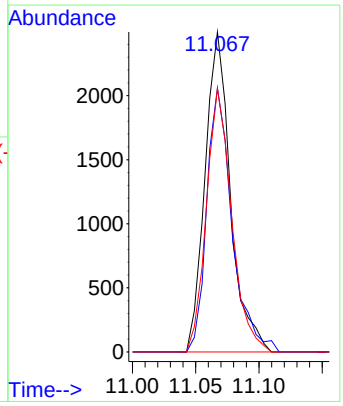


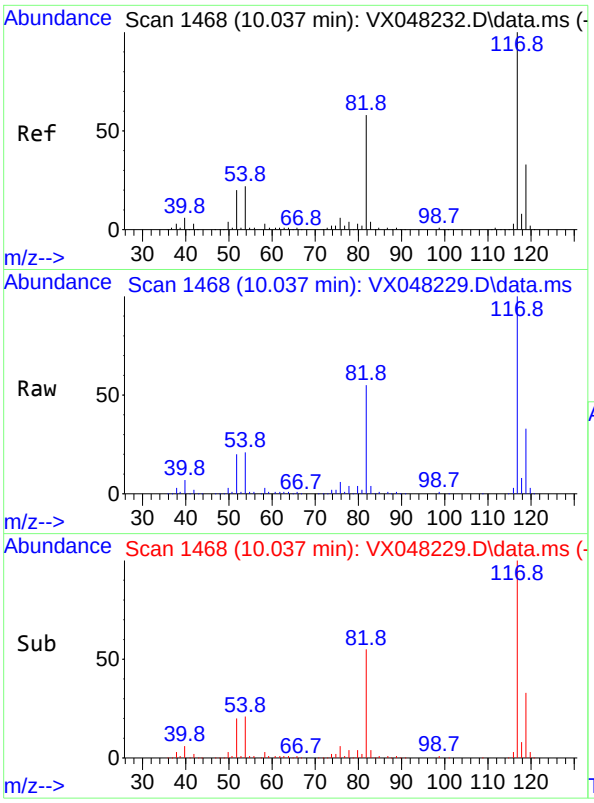


#62
4-Bromofluorobenzene
Concen: 1.985 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 95 Resp: 3491

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	147.8
176	81.9	0.0	142.8



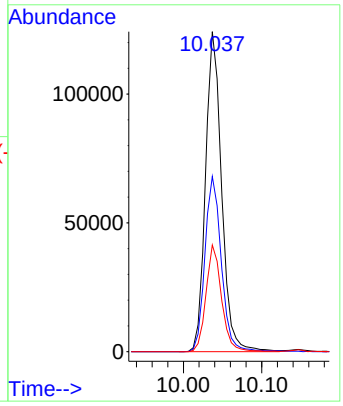


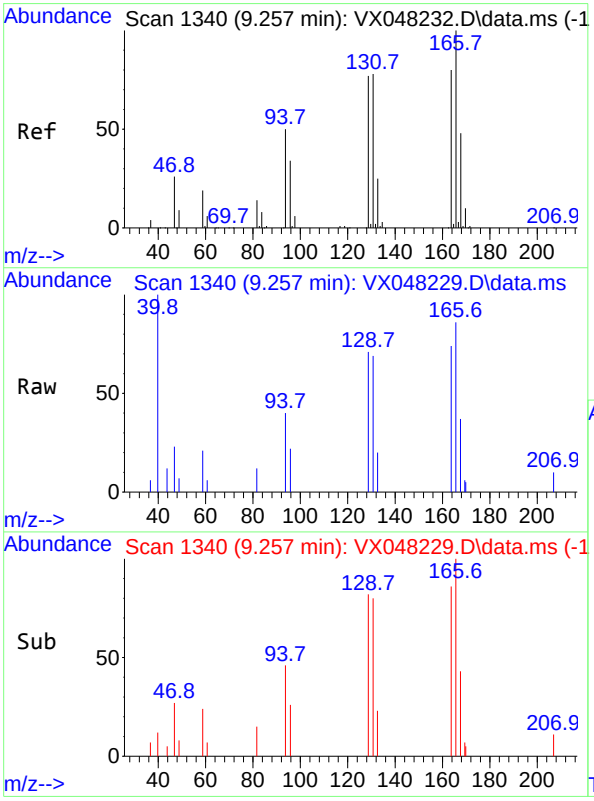
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 177252

Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.5	69.7
119	33.3	25.9	38.9

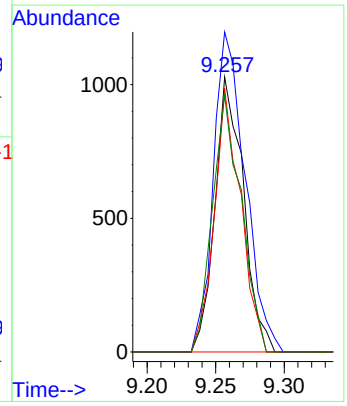


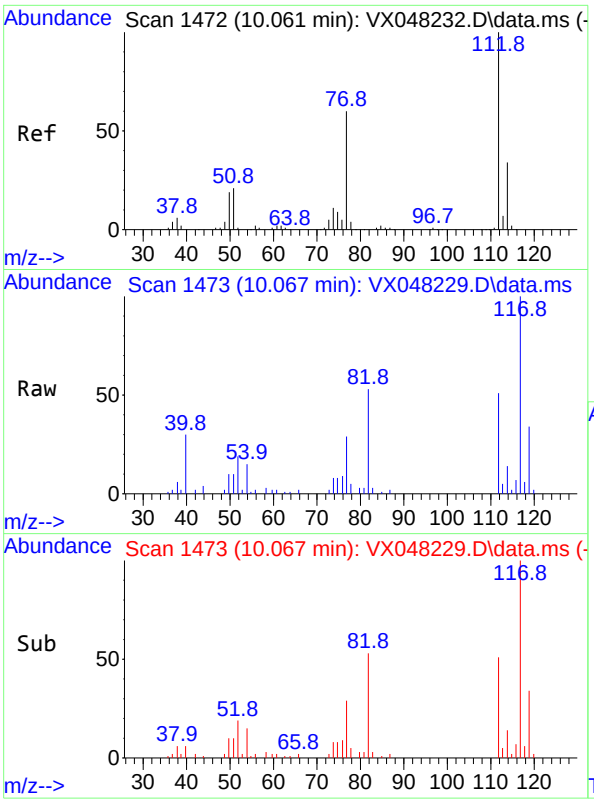


#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:164 Resp: 1482

Ion	Ratio	Lower	Upper
164	100		
166	116.4	104.5	156.7
129	95.9	81.8	122.6
131	93.4	77.0	115.6



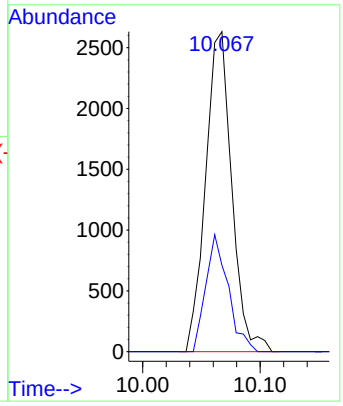


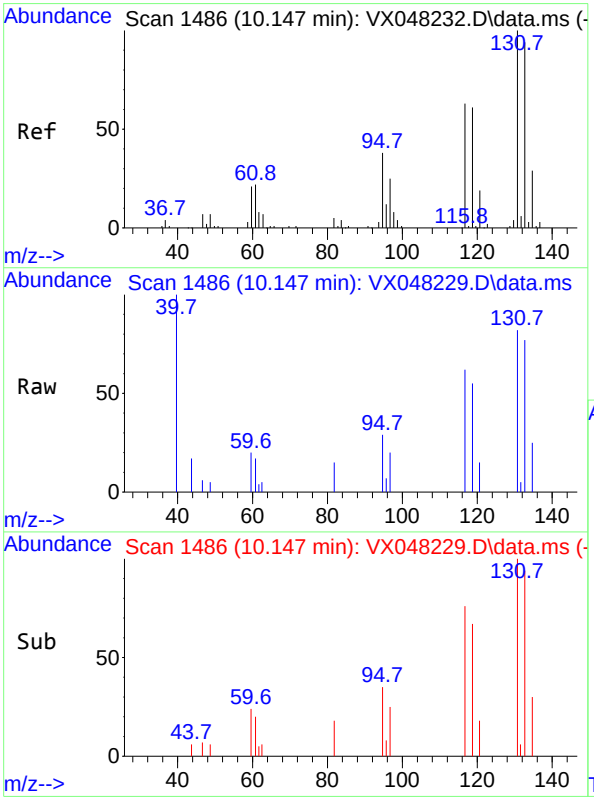
#65
Chlorobenzene
Concen: 1.021 ug/l
RT: 10.067 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 4073

Ion	Ratio	Lower	Upper
112	100		
114	27.0	26.2	39.2

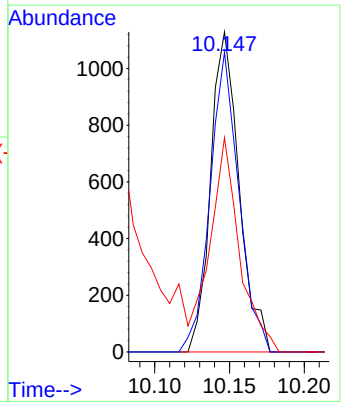


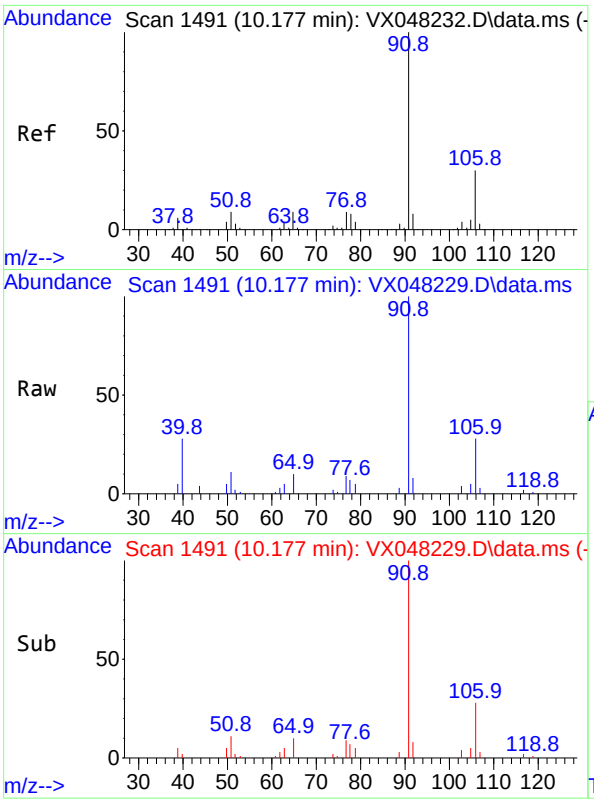


#66
1,1,1,2-Tetrachloroethane
Concen: 1.021 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:131 Resp: 1495

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.6	142.8
119	0.0	32.5	97.5#



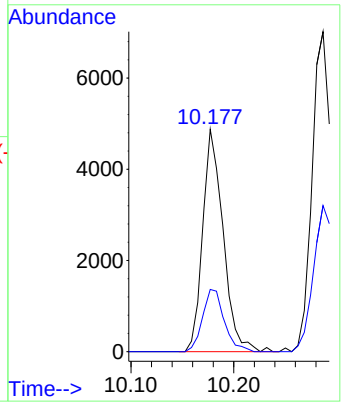


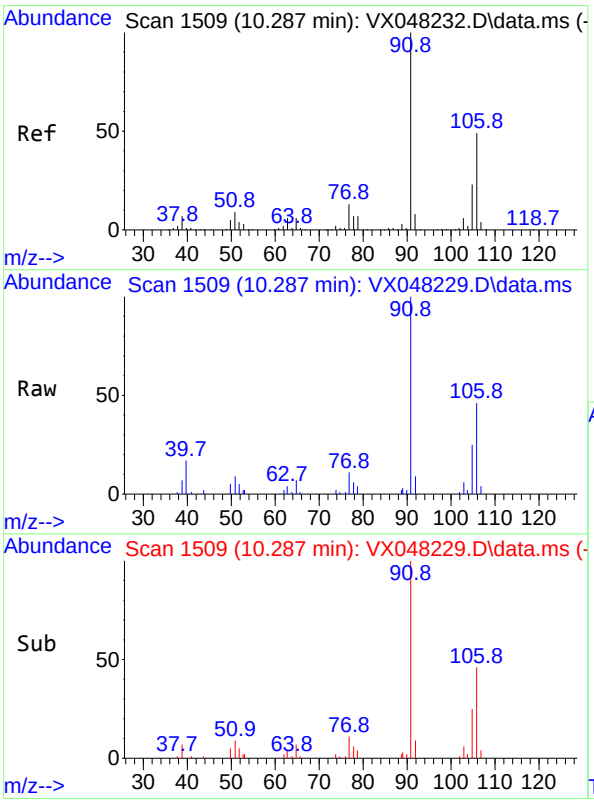
#67
Ethyl Benzene
Concen: 0.995 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 6752

Ion	Ratio	Lower	Upper
91	100		
106	28.0	23.8	35.6

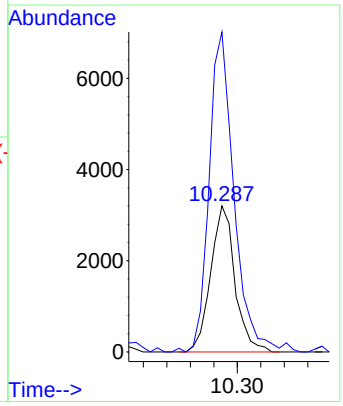


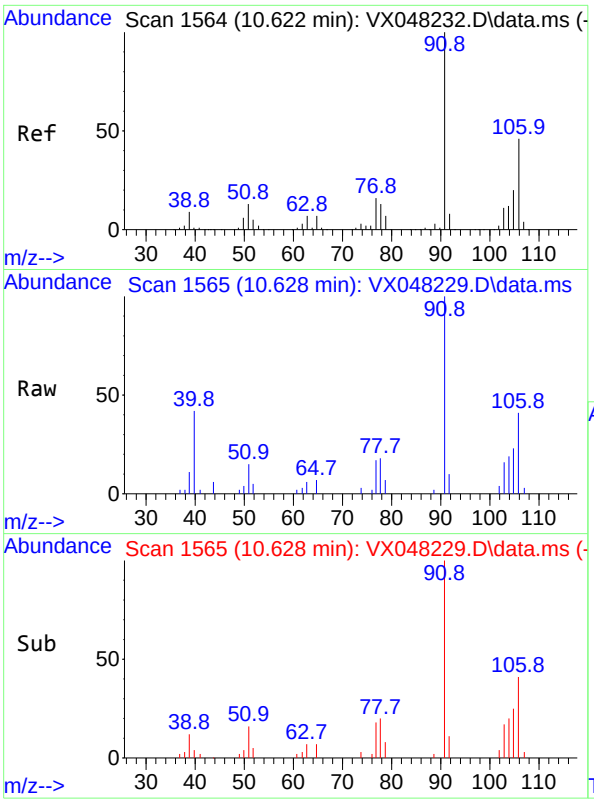


#68
m/p-Xylenes
Concen: 1.819 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:106 Resp: 4589

Ion	Ratio	Lower	Upper
106	100		
91	225.6	167.9	251.9



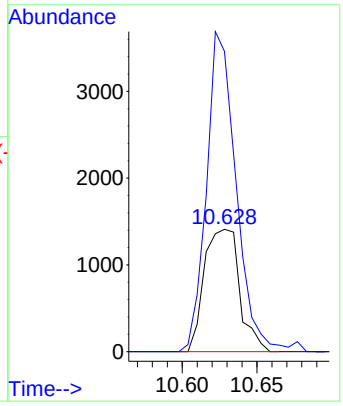


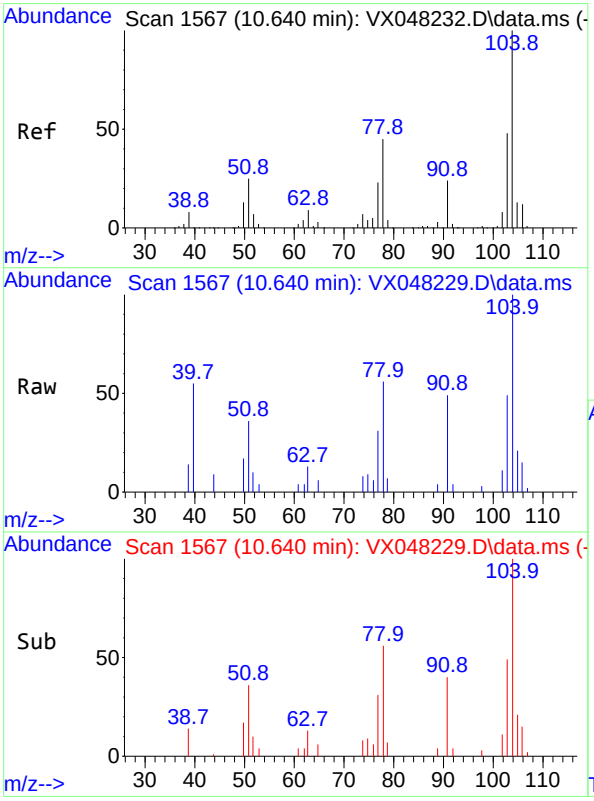
#69
o-Xylene
Concen: 0.950 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 2313

Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.3	333.9

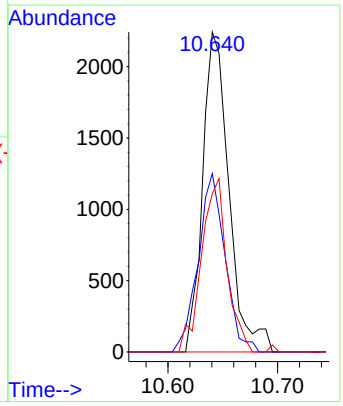


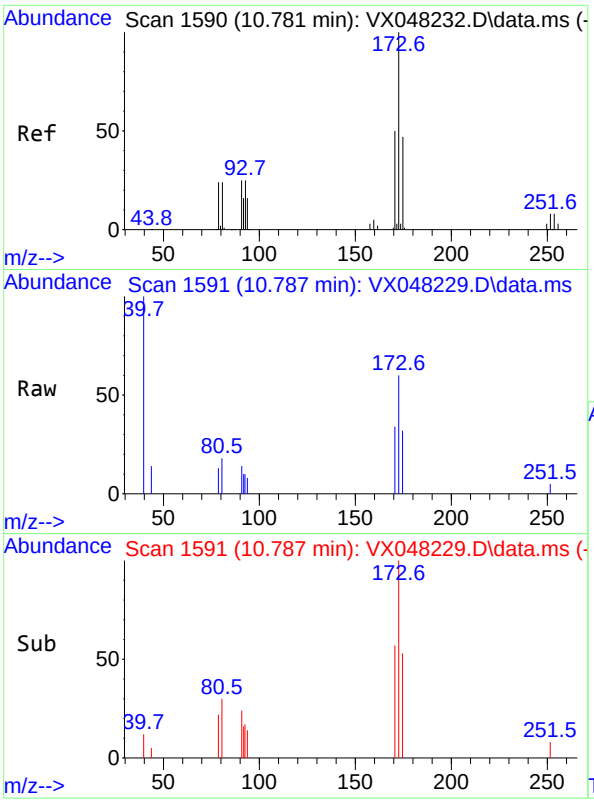


#70
Styrene
Concen: 0.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:104 Resp: 3737

Ion	Ratio	Lower	Upper
104	100		
78	57.1	42.2	63.4
103	52.6	43.0	64.4



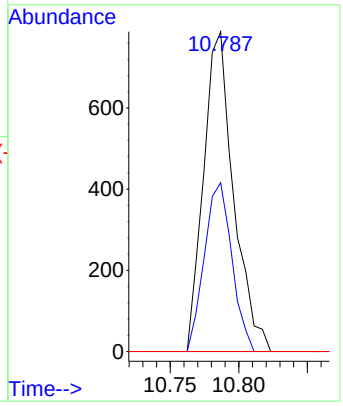


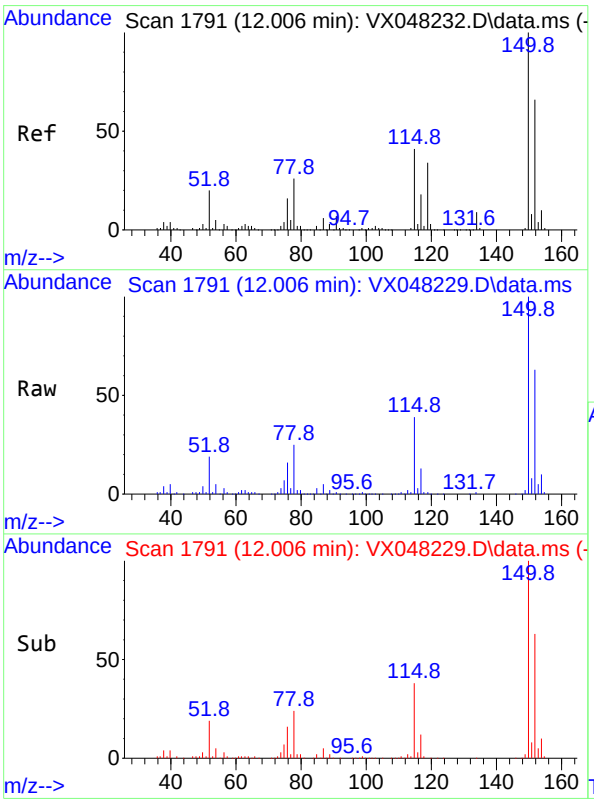
#71
Bromoform
Concen: 1.023 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 1198

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0

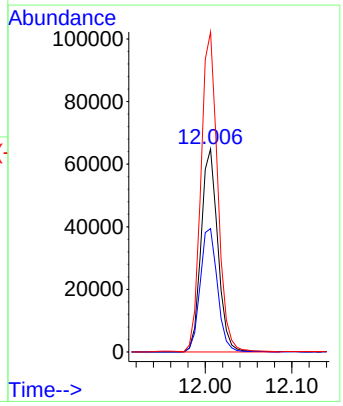


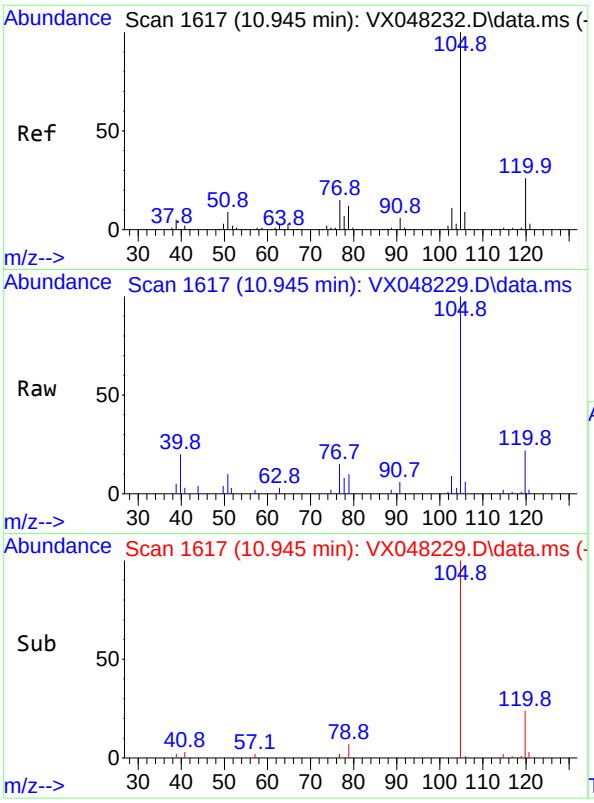


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:152 Resp: 86943

Ion	Ratio	Lower	Upper
152	100		
115	63.0	43.1	129.4
150	158.2	0.0	353.0



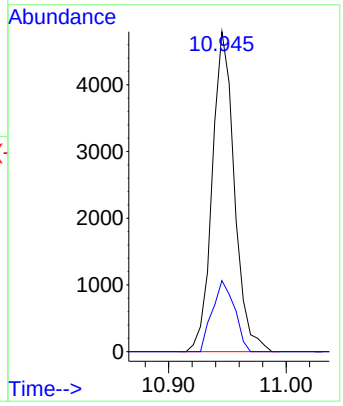


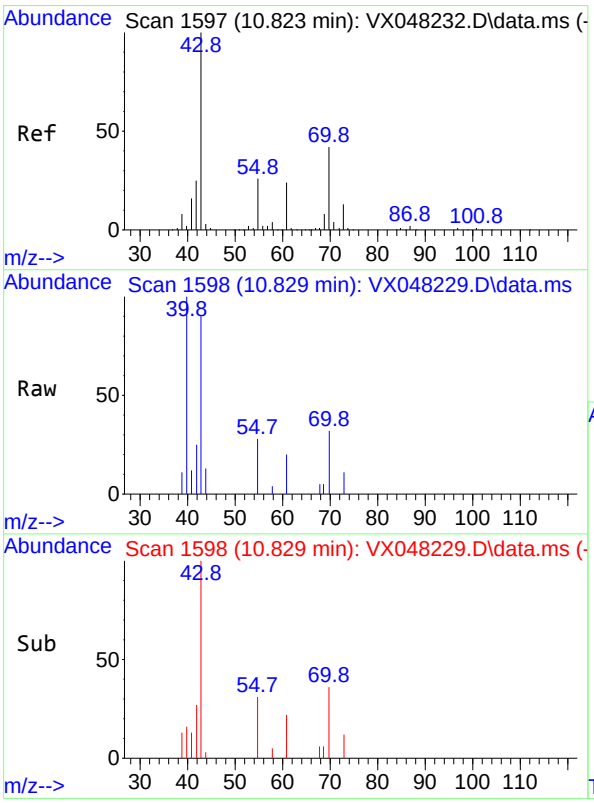
#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6291

Ion	Ratio	Lower	Upper
105	100		
120	22.2	13.0	38.9

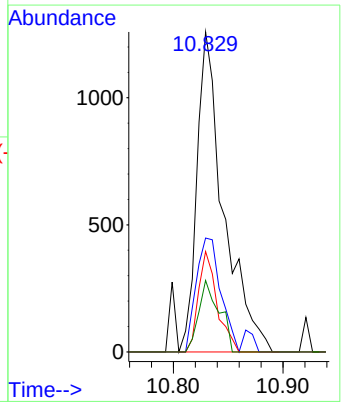


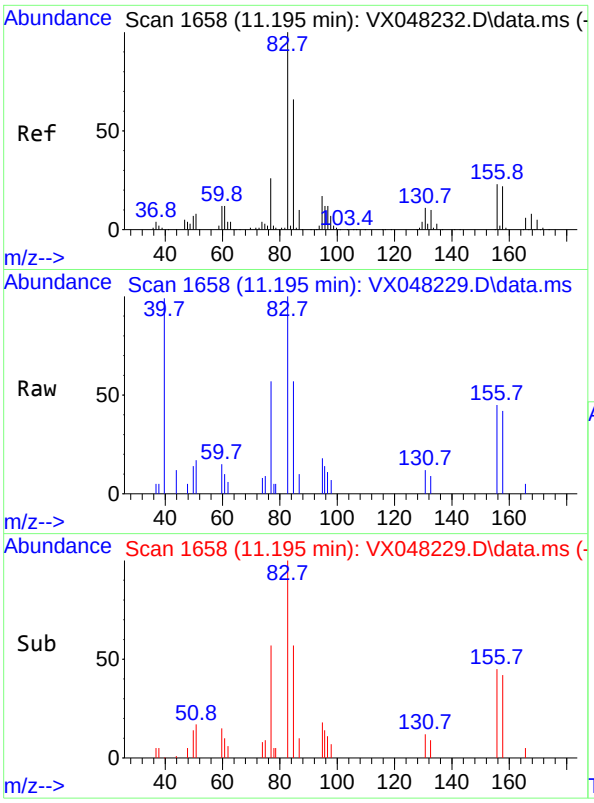


#74
N-amyl acetate
Concen: 0.949 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 43 Resp: 2137

Ion	Ratio	Lower	Upper
43	100		
70	32.8	32.2	48.2
55	22.0	19.1	28.7
61	17.2	18.6	28.0#



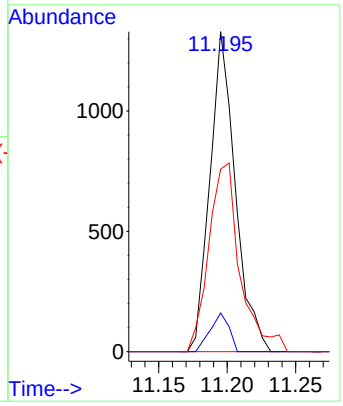


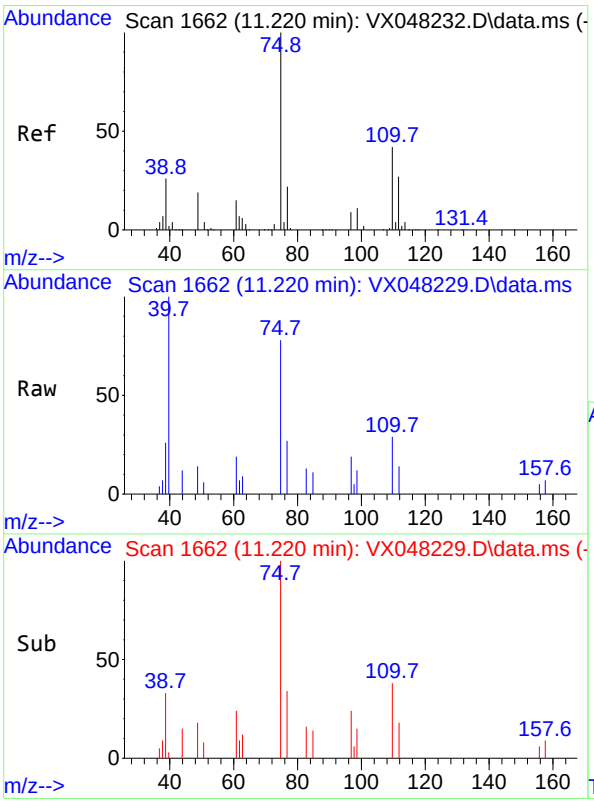
#75
1,1,2,2-Tetrachloroethane
Concen: 0.991 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1718

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.8	14.4
85	72.1	31.9	95.7

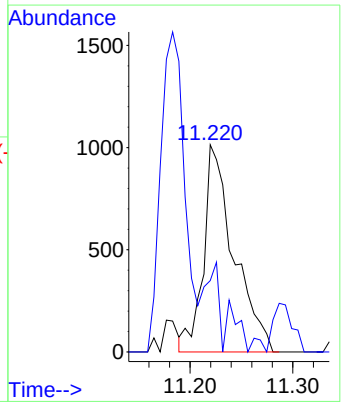


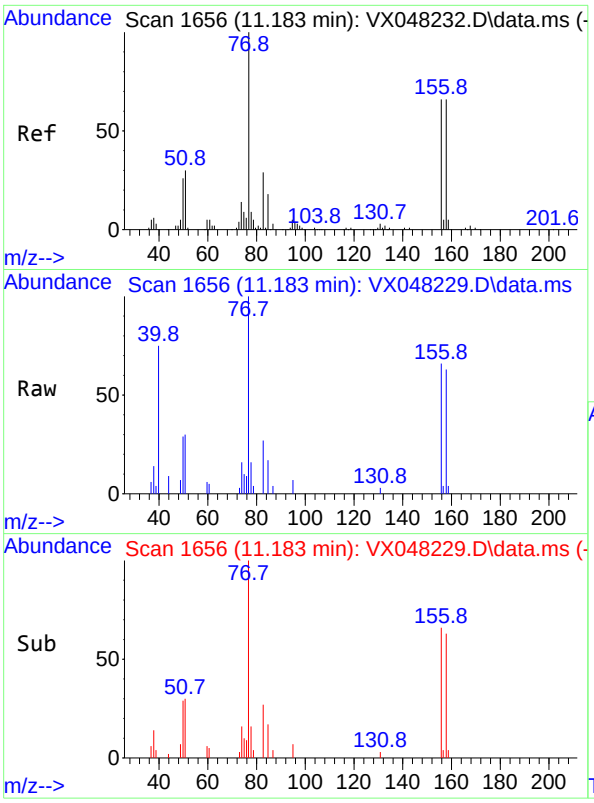


#76
1,2,3-Trichloropropane
Concen: 1.470 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 2073

Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.4	67.2



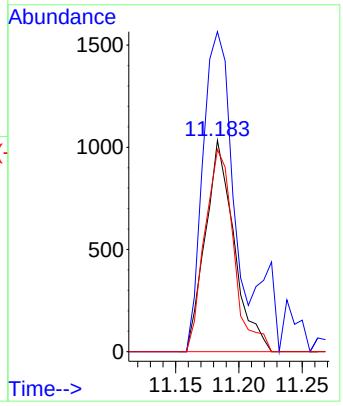


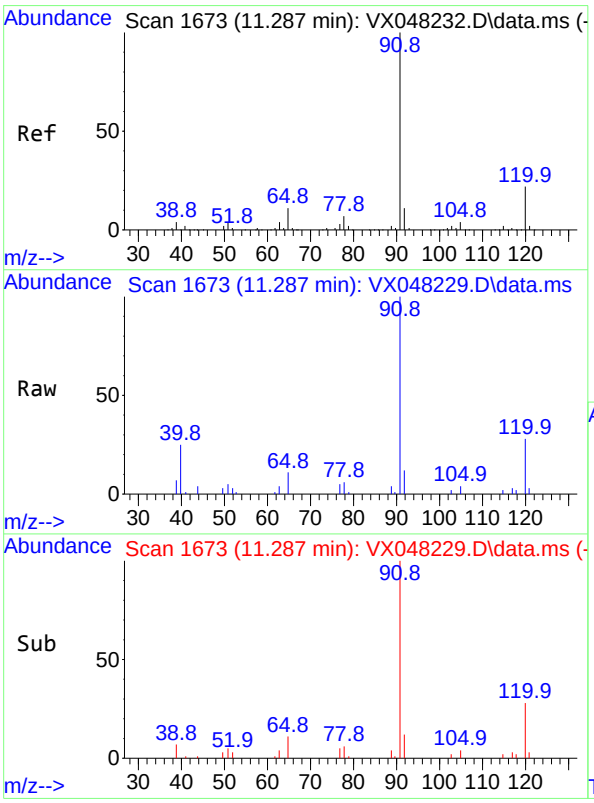
#77
Bromobenzene
Concen: 1.027 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 1635

Ion	Ratio	Lower	Upper
156	100		
77	155.2	87.0	261.0
158	96.4	47.8	143.4

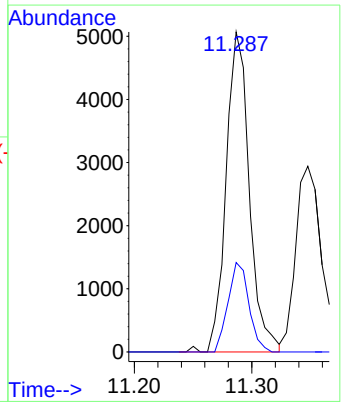


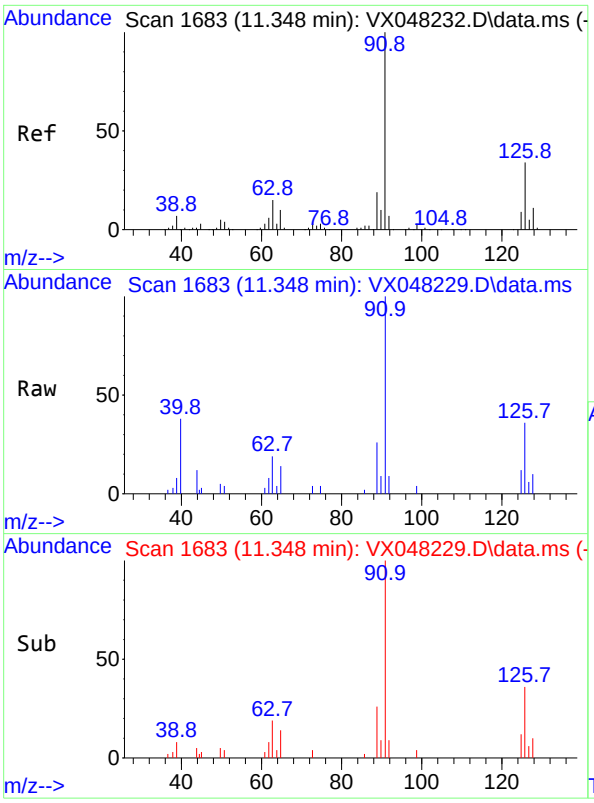


#78
n-propylbenzene
Concen: 0.946 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 6956

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.1	33.1



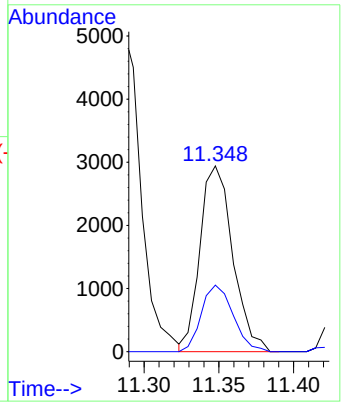


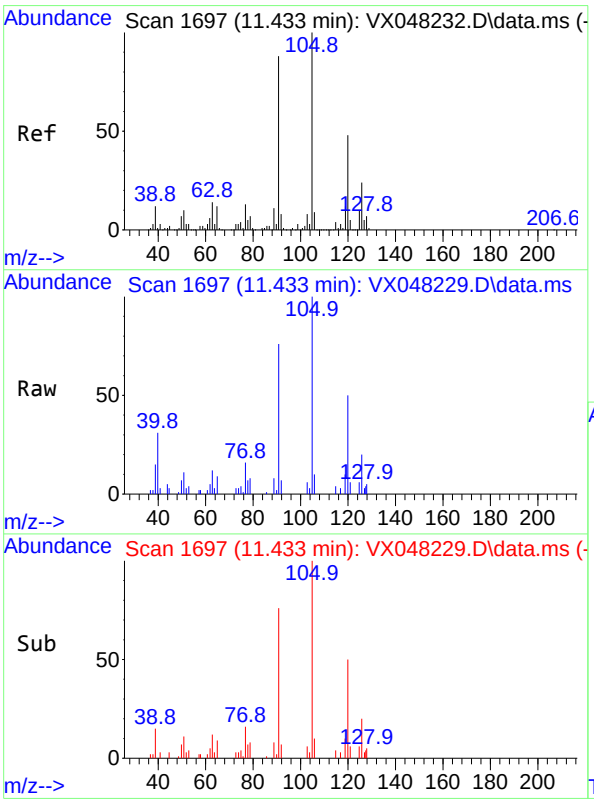
#79
2-Chlorotoluene
Concen: 1.004 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 4477

Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.4	49.4

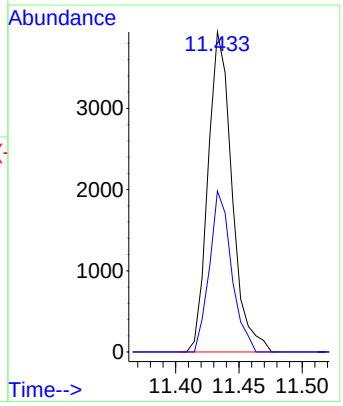


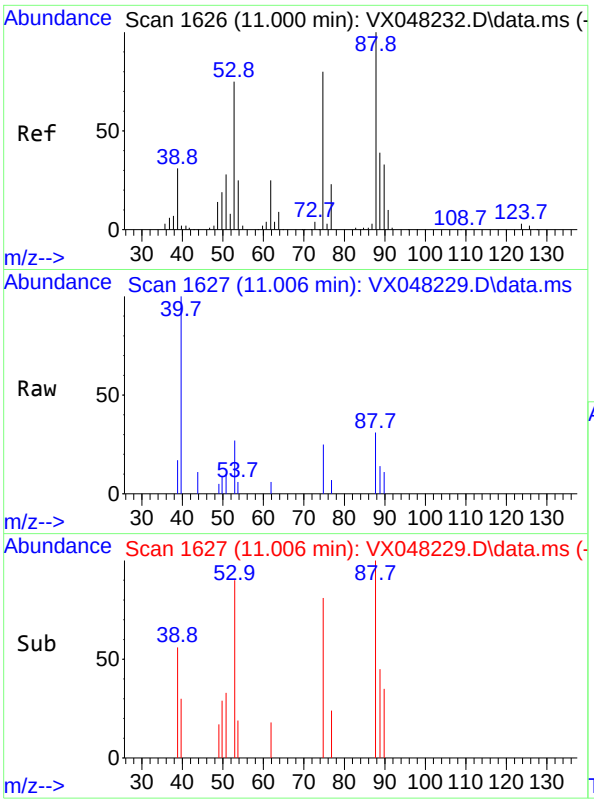


#80
1,3,5-Trimethylbenzene
Concen: 0.989 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 5196

Ion	Ratio	Lower	Upper
105	100		
120	46.2	24.0	72.0



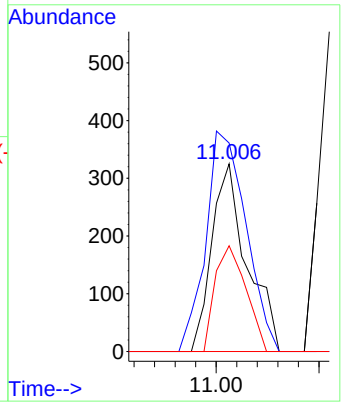


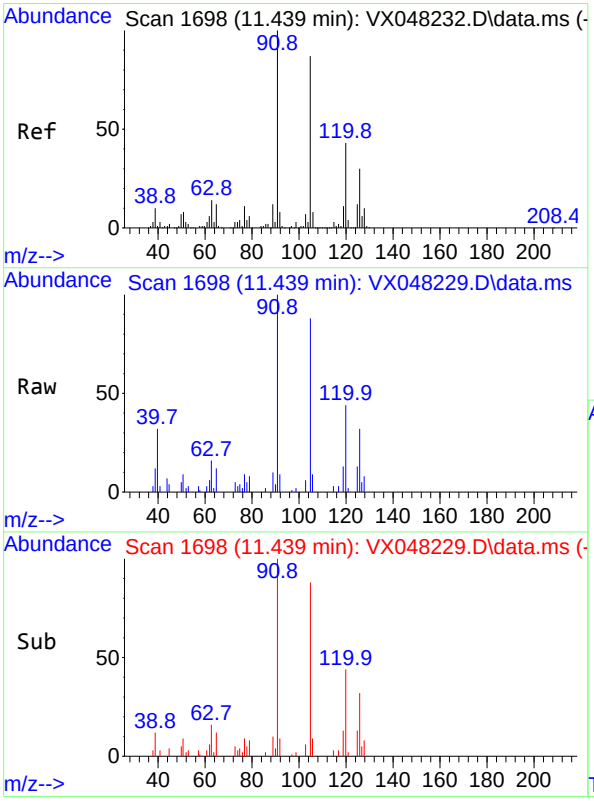
#81
trans-1,4-Dichloro-2-butene
Concen: 0.668 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 387

Ion	Ratio	Lower	Upper
75	100		
53	133.9	79.5	119.3#
89	49.4	36.8	55.2

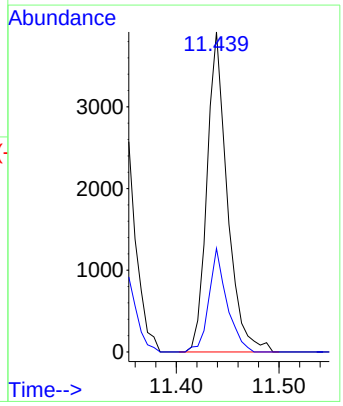


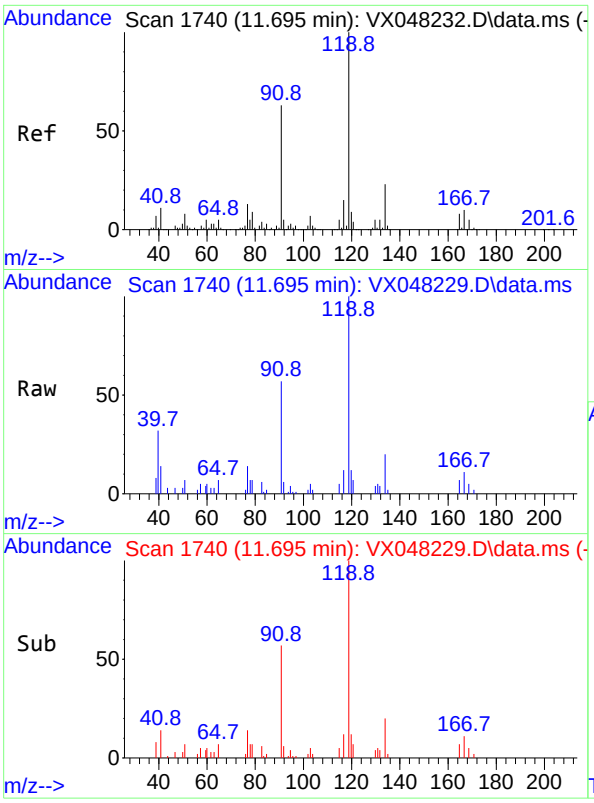


#82
4-Chlorotoluene
Concen: 1.018 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 91 Resp: 5385

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.1	42.4



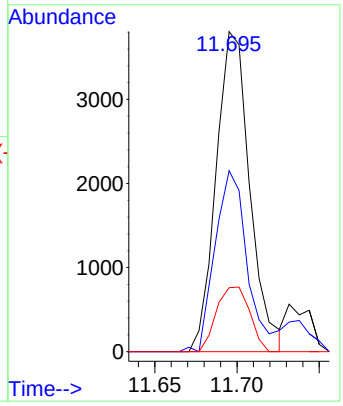


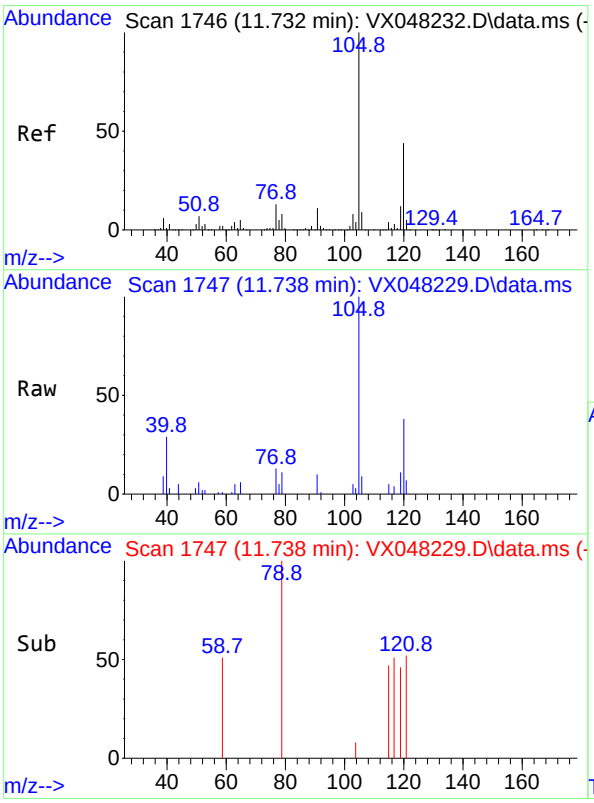
#83
tert-Butylbenzene
Concen: 1.007 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 5439

Ion	Ratio	Lower	Upper
119	100		
91	53.0	30.3	91.0
134	19.9	11.4	34.2

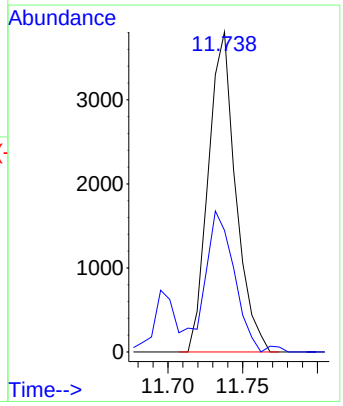


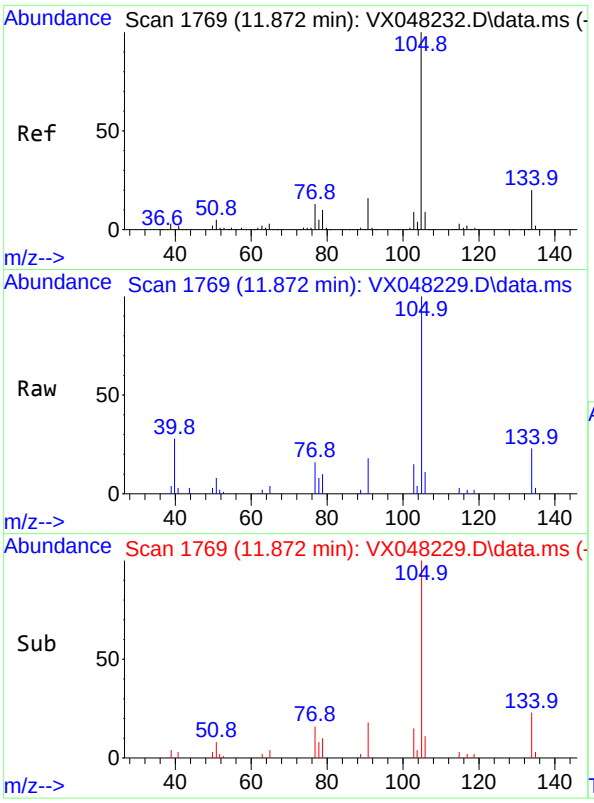


#84
1,2,4-Trimethylbenzene
Concen: 0.926 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:105 Resp: 4854

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.5



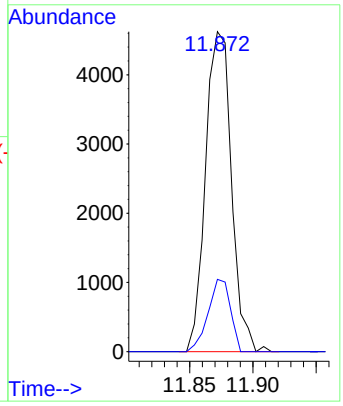


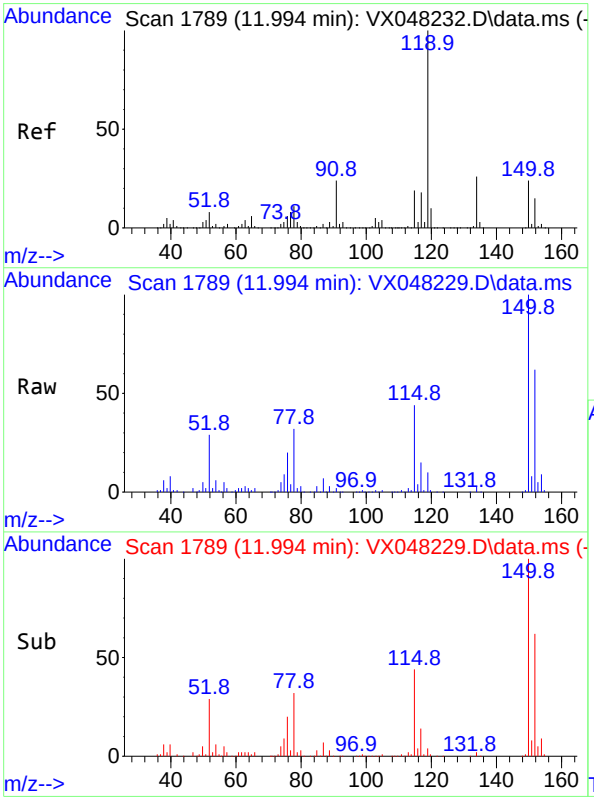
#85
sec-Butylbenzene
Concen: 1.014 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6589

Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

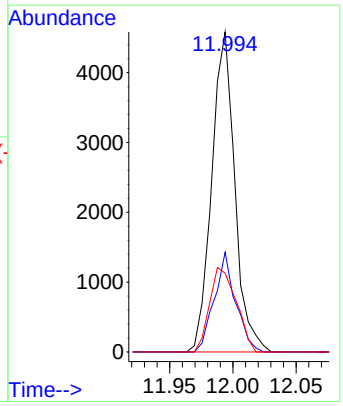


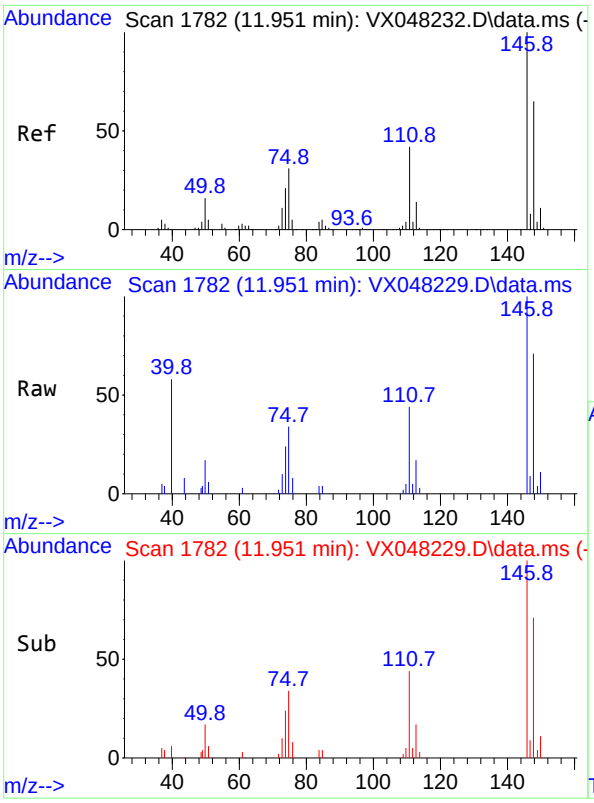


#86
p-Isopropyltoluene
Concen: 1.035 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:119 Resp: 5812

Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.0	39.0
91	30.5	12.1	36.3



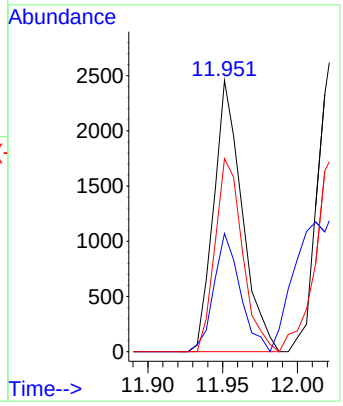


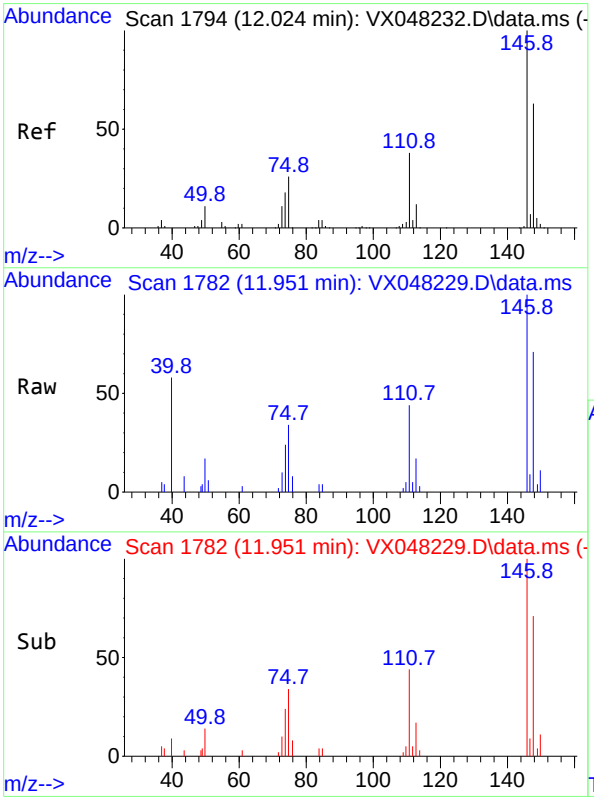
#87
1,3-Dichlorobenzene
Concen: 1.079 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3239

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	68.9	31.9	95.9

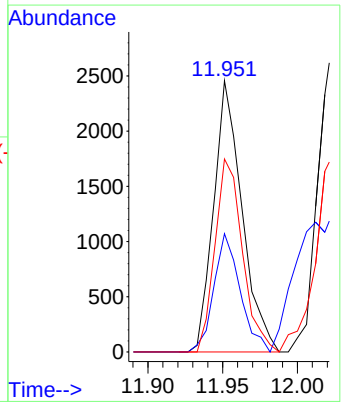


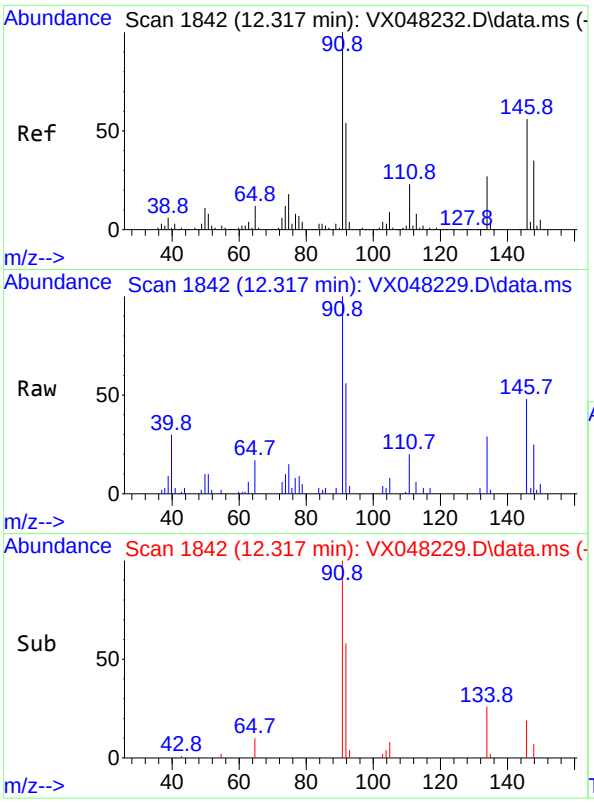


#88
1,4-Dichlorobenzene
Concen: 1.042 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:146 Resp: 3239

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	68.9	31.8	95.3



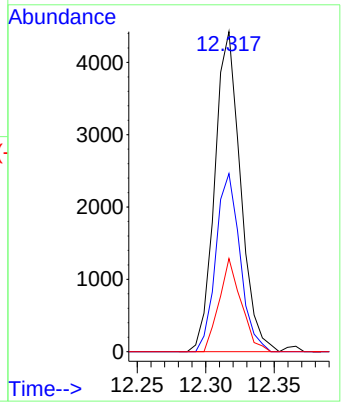


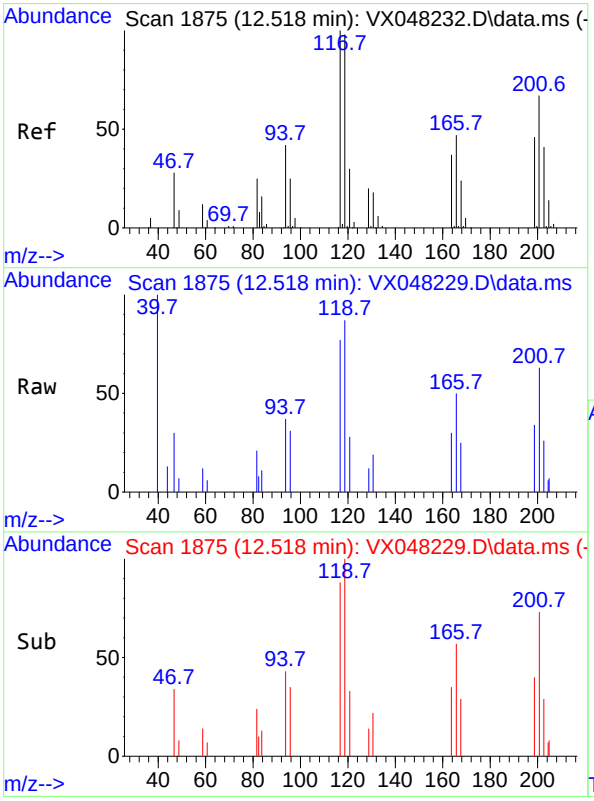
#89
n-Butylbenzene
Concen: 1.132 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 5787

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	24.9	12.7	38.1

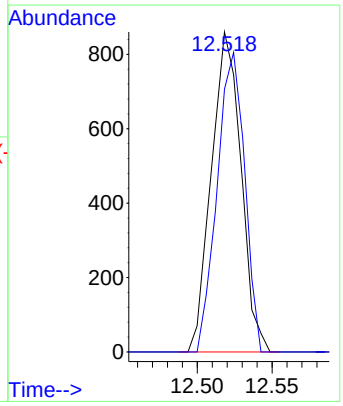


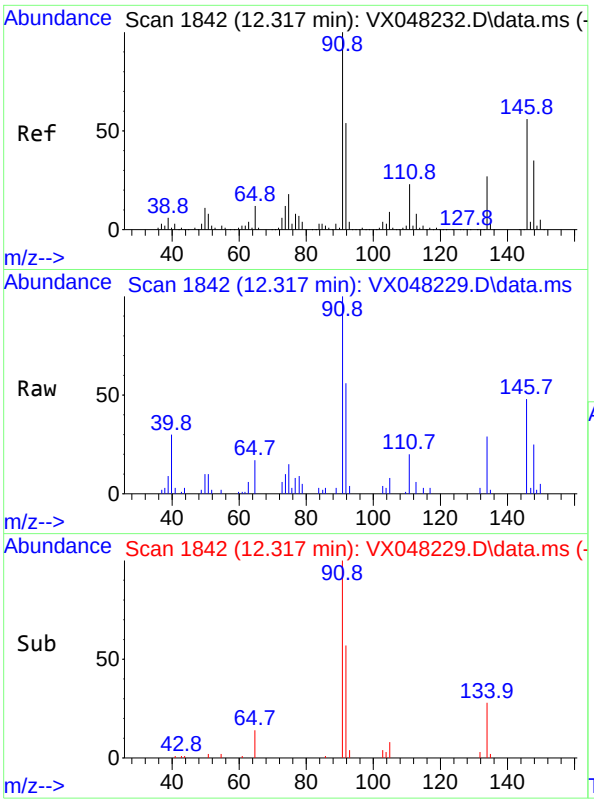


#90
Hexachloroethane
Concen: 1.066 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:117 Resp: 1182

Ion	Ratio	Lower	Upper
117	100		
201	87.1	34.1	102.2



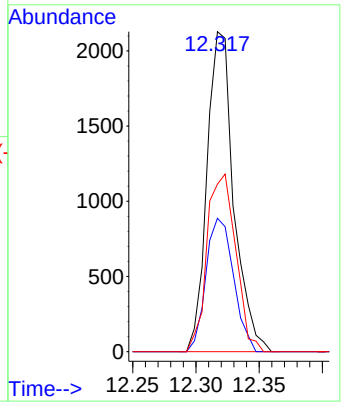


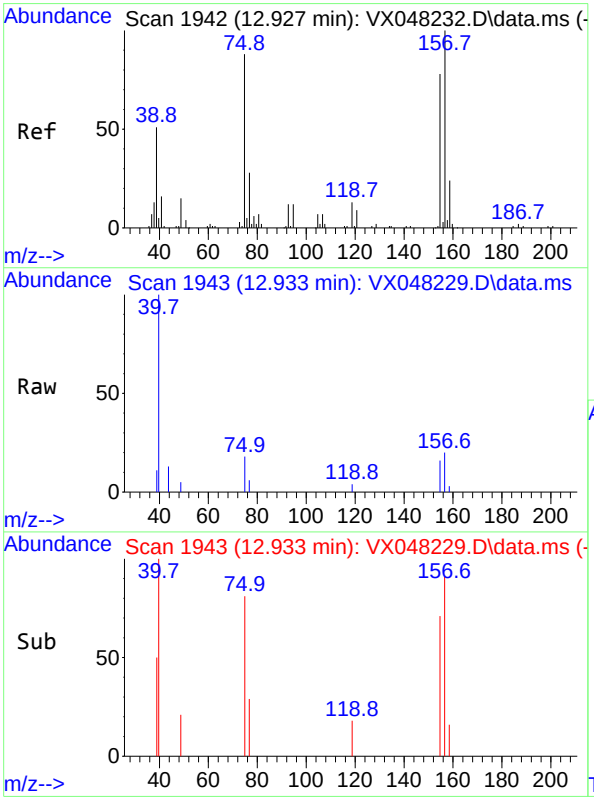
#91
1,2-Dichlorobenzene
Concen: 1.112 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3135

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.9	65.5
148	59.5	31.9	95.5

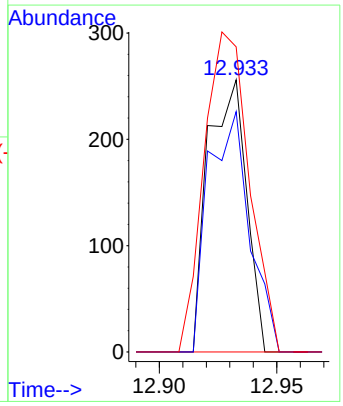


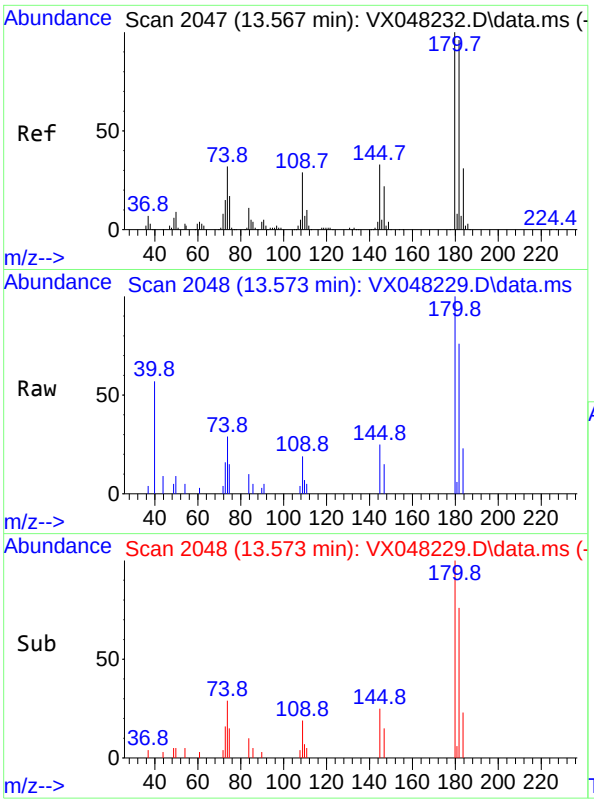


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.824 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. 0.012 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion: 75 Resp: 290

Ion	Ratio	Lower	Upper
75	100		
155	95.2	42.8	128.4
157	139.0	54.2	162.6



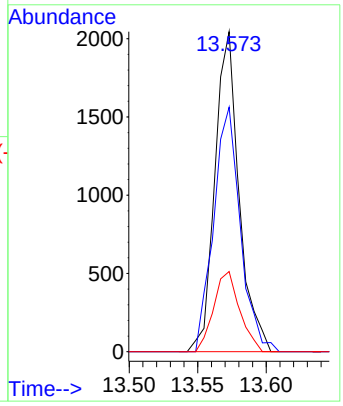


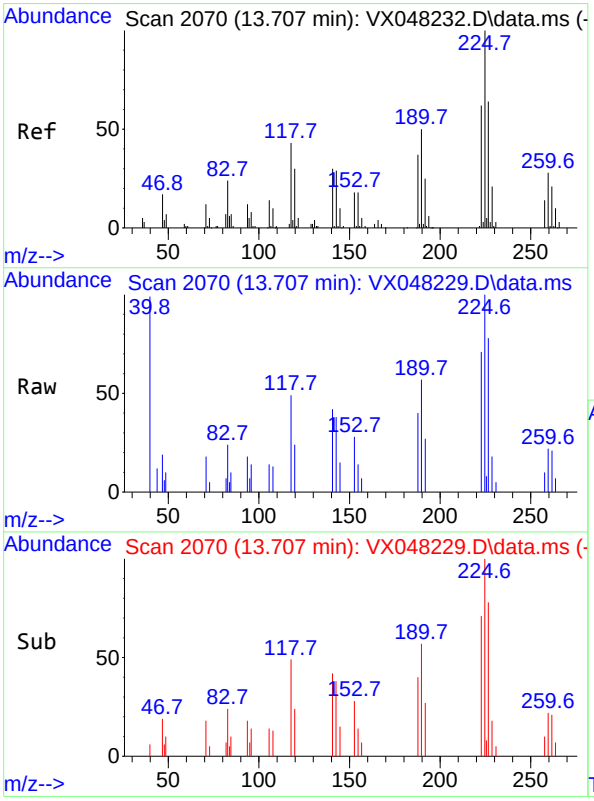
#93
1,2,4-Trichlorobenzene
Concen: 1.314 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 2505

Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.3	142.0
145	27.1	16.3	48.9

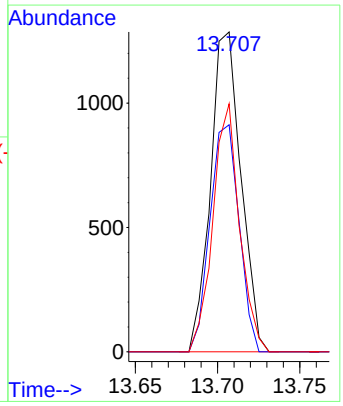


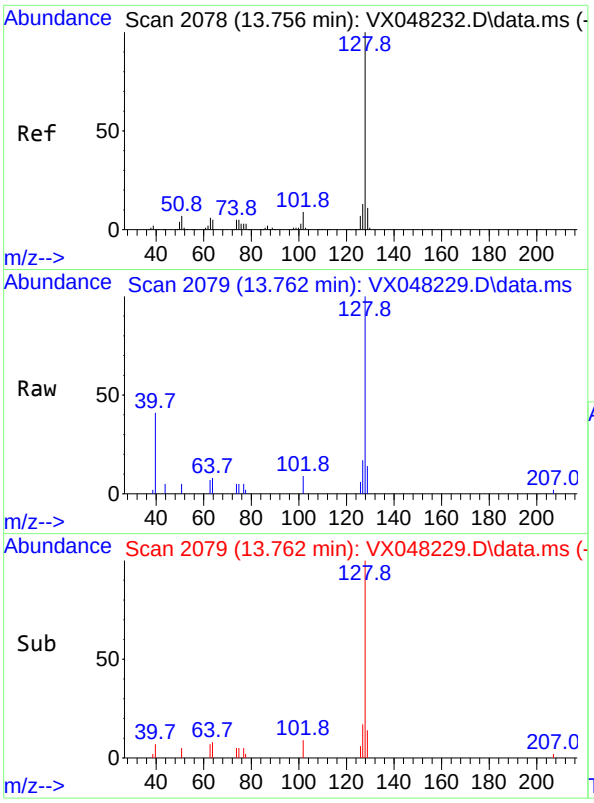


#94
Hexachlorobutadiene
Concen: 2.385 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:225 Resp: 1658

Ion	Ratio	Lower	Upper
225	100		
223	67.8	32.6	97.7
227	67.7	32.5	97.4



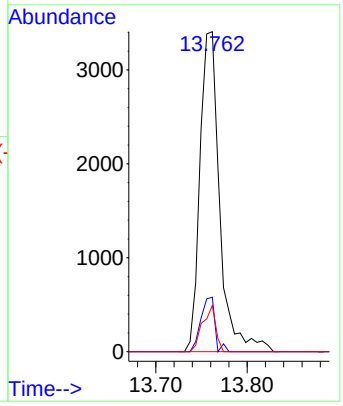


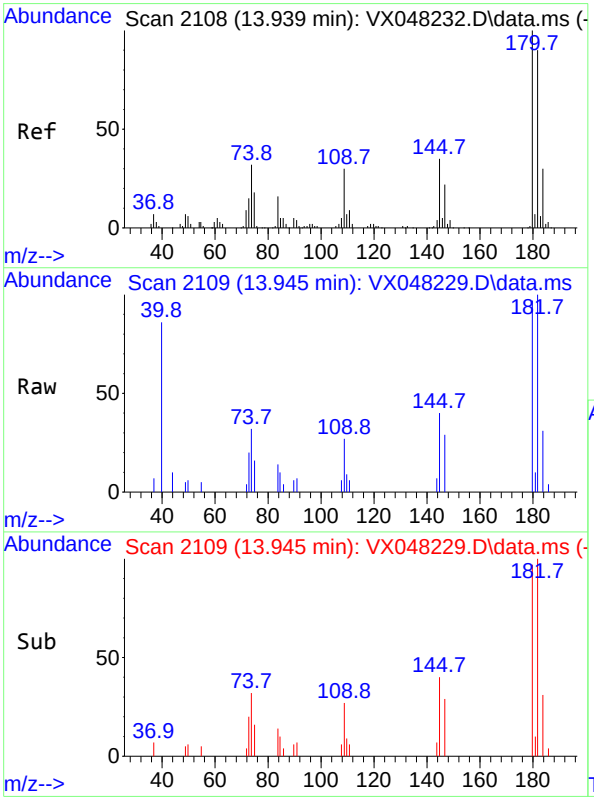
#95
Naphthalene
Concen: 1.013 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 5116

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	9.7	8.6	12.8

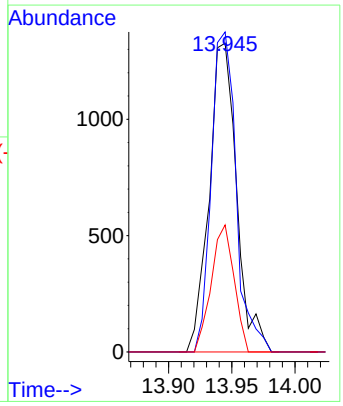




#96
1,2,3-Trichlorobenzene
Concen: 1.147 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048229.D
Acq: 20 Oct 2025 10:59

Tgt Ion:180 Resp: 2006

Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.6	139.7
145	34.1	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	119626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	195028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	178975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	33936	20.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 40.460%#			
35) Dibromofluoromethane	5.373	113	26897	20.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.400%#			
50) Toluene-d8	8.635	98	92476	19.815	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 39.640%#			
62) 4-Bromofluorobenzene	11.061	95	34724	19.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 39.120%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	24524	19.942	ug/l	98
3) Chloromethane	1.300	50	22401	19.515	ug/l	100
4) Vinyl Chloride	1.380	62	20913	19.675	ug/l	94
5) Bromomethane	1.617	94	15473	21.449	ug/l	100
6) Chloroethane	1.697	64	13249	21.212	ug/l	93
7) Trichlorofluoromethane	1.898	101	41824	20.516	ug/l	98
8) Diethyl Ether	2.136	74	12293	21.431	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	25843	20.019	ug/l	96
10) Methyl Iodide	2.459	142	30452	18.764	ug/l	99
11) Tert butyl alcohol	2.947	59	16521	99.208	ug/l	100
12) 1,1-Dichloroethene	2.325	96	26209	20.868	ug/l	92
13) Acrolein	2.239	56	15157	89.242	ug/l	99
14) Allyl chloride	2.666	41	43494	20.859	ug/l	98
15) Acrylonitrile	3.056	53	63931	106.465	ug/l	97
16) Acetone	2.373	43	59884	104.075	ug/l	96
17) Carbon Disulfide	2.520	76	77142	19.489	ug/l	98
18) Methyl Acetate	2.703	43	26374	21.948	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	91349	21.321	ug/l	100
20) Methylene Chloride	2.794	84	31157	22.223	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	28001	20.297	ug/l	94
22) Diisopropyl ether	3.751	45	90030	21.648	ug/l	87
23) Vinyl Acetate	3.715	43	364009	109.571	ug/l	98
24) 1,1-Dichloroethane	3.605	63	51927	20.649	ug/l	98
25) 2-Butanone	4.544	43	78643	107.982	ug/l	95
26) 2,2-Dichloropropane	4.465	77	46568	20.516	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	33508	20.812	ug/l	98
28) Bromochloromethane	4.891	49	19339	18.547	ug/l	90
29) Tetrahydrofuran	4.995	42	47457	108.802	ug/l	94
30) Chloroform	5.080	83	57780	21.506	ug/l	99
31) Cyclohexane	5.464	56	42796	20.556	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51929	20.972	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38270	20.223	ug/l	99
37) Ethyl Acetate	4.702	43	30904	19.702	ug/l #	95
38) Carbon Tetrachloride	5.666	117	46323	19.841	ug/l	98
39) Methylcyclohexane	7.366	83	42776	19.140	ug/l	94
40) Benzene	6.025	78	115488	21.020	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	18461	22.411	ug/l		97
42) 1,2-Dichloroethane	6.074	62	44176	21.789	ug/l		100
43) Isopropyl Acetate	6.324	43	55317	21.469	ug/l		96
44) Trichloroethene	7.110	130	29108	20.064	ug/l		90
45) 1,2-Dichloropropane	7.421	63	28242	21.620	ug/l		97
46) Dibromomethane	7.568	93	21605	21.229	ug/l		92
47) Bromodichloromethane	7.805	83	46221	21.034	ug/l		100
48) Methyl methacrylate	7.677	41	27751	21.344	ug/l		94
49) 1,4-Dioxane	7.647	88	7620	443.623	ug/l		91
51) 4-Methyl-2-Pentanone	8.555	43	164708	110.873	ug/l		94
52) Toluene	8.702	92	73623	21.093	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	45416	21.447	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	47130	20.629	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	27884	21.482	ug/l		98
56) Ethyl methacrylate	9.104	69	41809	22.021	ug/l		93
57) 1,3-Dichloropropane	9.293	76	47896	21.602	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	104883	103.739	ug/l		96
59) 2-Hexanone	9.415	43	116268	112.243	ug/l		95
60) Dibromochloromethane	9.506	129	37127	21.281	ug/l		98
61) 1,2-Dibromoethane	9.598	107	30639	22.141	ug/l		96
64) Tetrachloroethene	9.256	164	27043	20.240	ug/l		89
65) Chlorobenzene	10.061	112	83004	20.617	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30278	20.475	ug/l		98
67) Ethyl Benzene	10.177	91	139895	20.409	ug/l		98
68) m/p-Xylenes	10.287	106	107377	42.161	ug/l		100
69) o-Xylene	10.622	106	50950	20.721	ug/l		98
70) Styrene	10.640	104	88481	21.134	ug/l		99
71) Bromoform	10.780	173	25027	21.175	ug/l	#	100
73) Isopropylbenzene	10.945	105	133034	20.021	ug/l		99
74) N-amyl acetate	10.829	43	48726	20.674	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38748	21.354	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	40571	27.501	ug/l		84
77) Bromobenzene	11.183	156	33843	20.313	ug/l		95
78) n-propylbenzene	11.286	91	154839	20.126	ug/l		98
79) 2-Chlorotoluene	11.347	91	95156	20.401	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	112057	20.379	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12001	19.791	ug/l		94
82) 4-Chlorotoluene	11.439	91	113495	20.498	ug/l		98
83) tert-Butylbenzene	11.695	119	112305	19.878	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	111976	20.405	ug/l		100
85) sec-Butylbenzene	11.872	105	134014	19.716	ug/l		100
86) p-Isopropyltoluene	11.994	119	114969	19.568	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	63377	20.178	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65612	20.165	ug/l		99
89) n-Butylbenzene	12.317	91	102140	19.100	ug/l		99
90) Hexachloroethane	12.518	117	22609	19.487	ug/l		94
91) 1,2-Dichlorobenzene	12.317	146	59345	20.125	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7983	21.674	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	35465	17.784	ug/l		98
94) Hexachlorobutadiene	13.707	225	14529	19.483	ug/l		98
95) Naphthalene	13.756	128	104803	19.836	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	34276	18.730	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

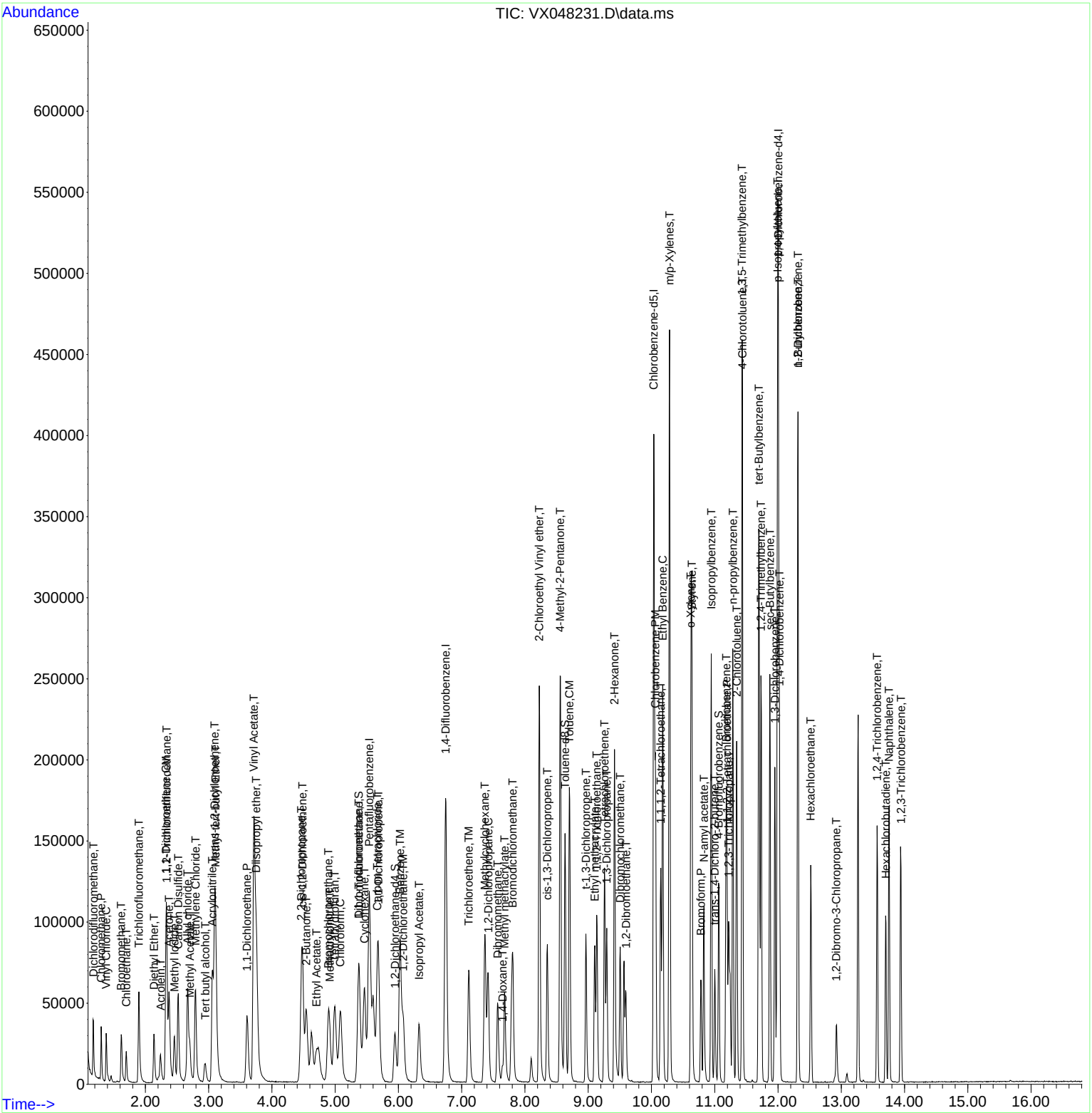
(#) = qualifier out of range (m) = manual integration (+) = signals summed

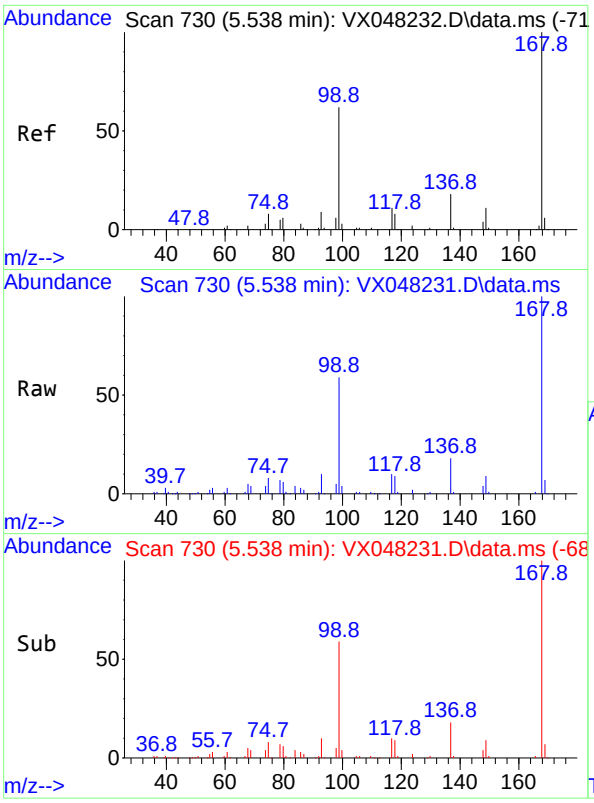
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048231.D
Acq On : 20 Oct 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Oct 25 03:34:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



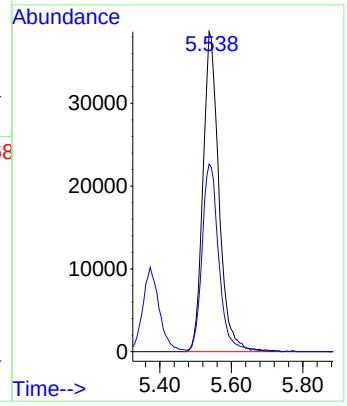


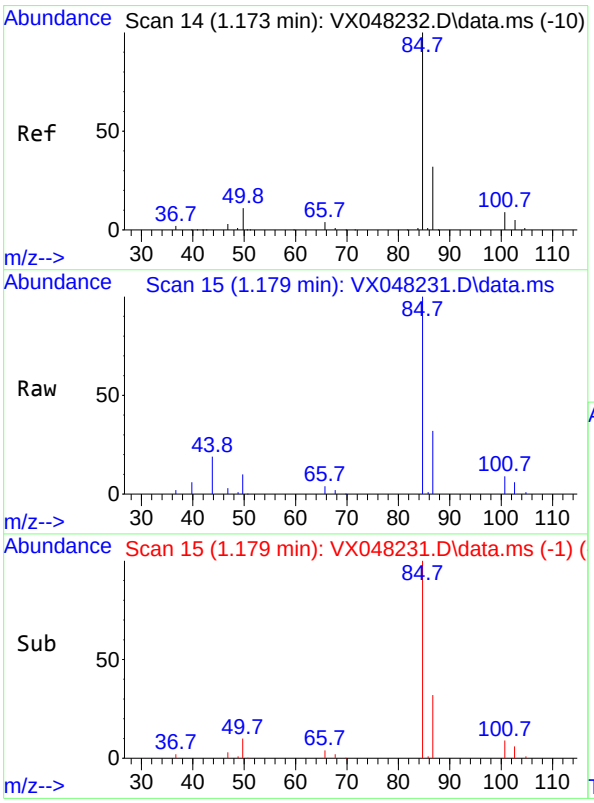
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 119626

Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.4	69.6

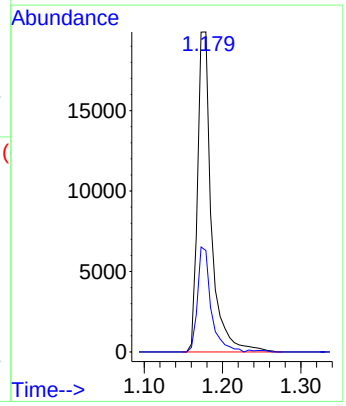


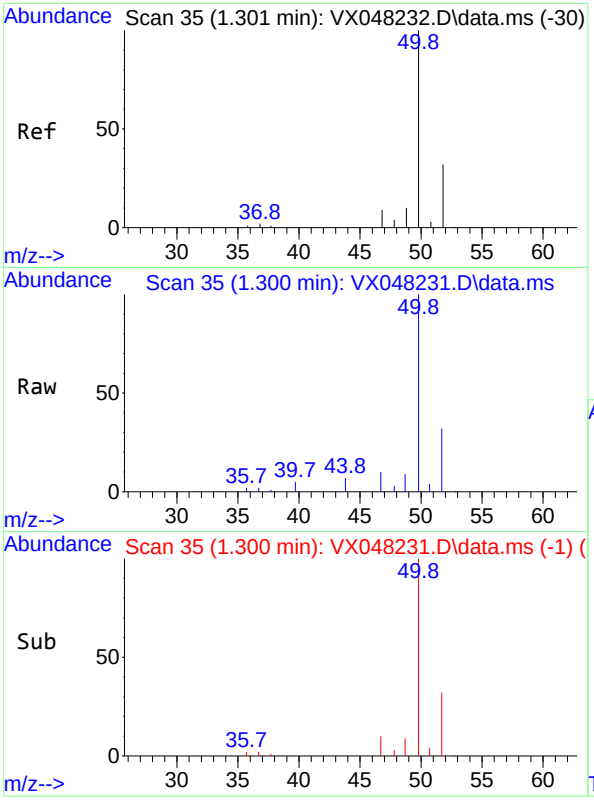


#2
Dichlorodifluoromethane
Concen: 19.942 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 85 Resp: 24524

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9



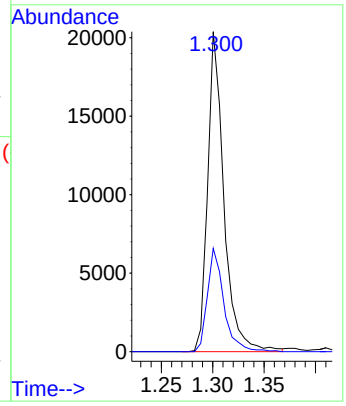


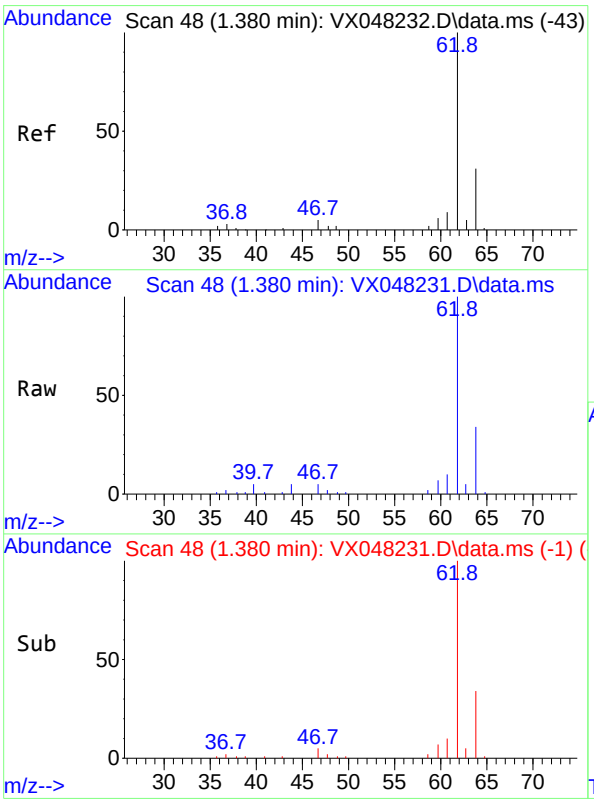
#3
Chloromethane
Concen: 19.515 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 22401

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.9	38.9

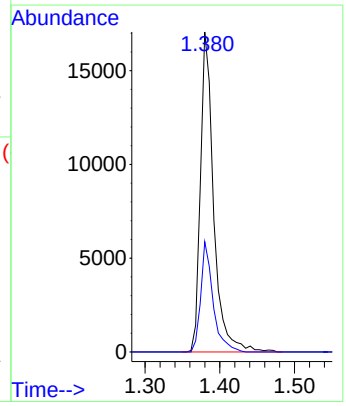


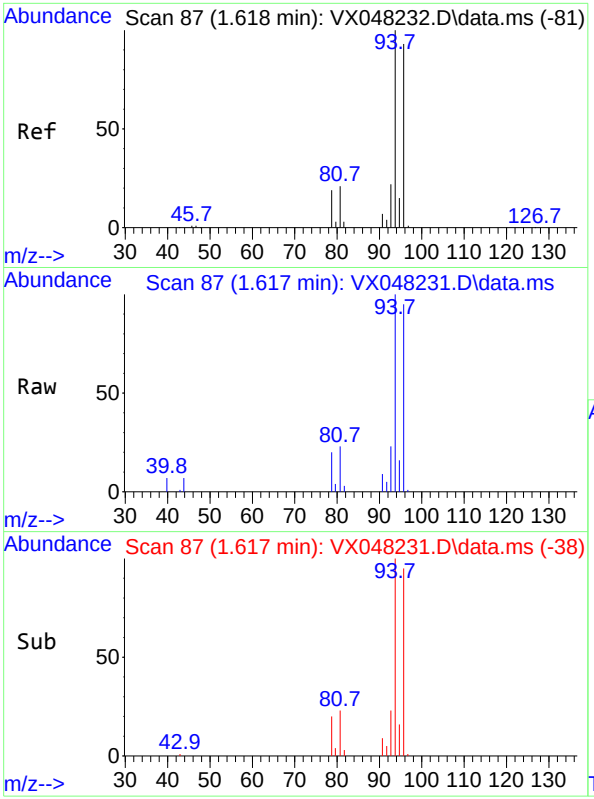


#4
Vinyl Chloride
Concen: 19.675 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 20913

Ion	Ratio	Lower	Upper
62	100		
64	34.5	25.1	37.7



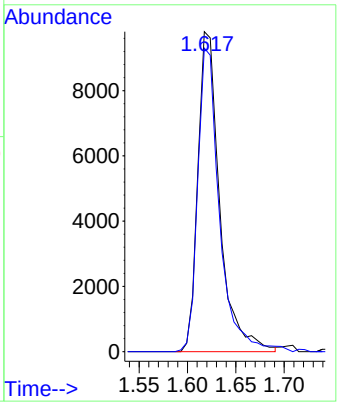


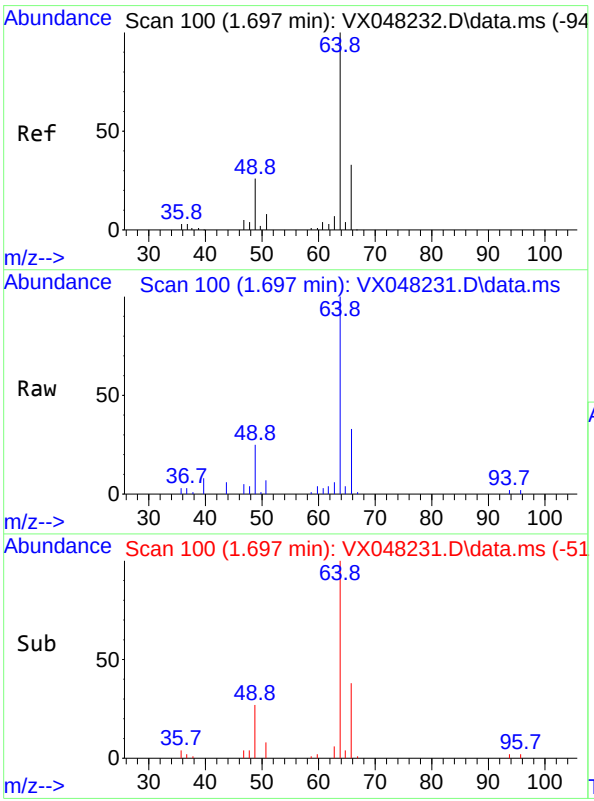
#5
Bromomethane
Concen: 21.449 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 15473

Ion	Ratio	Lower	Upper
94	100		
96	94.8	76.0	114.0

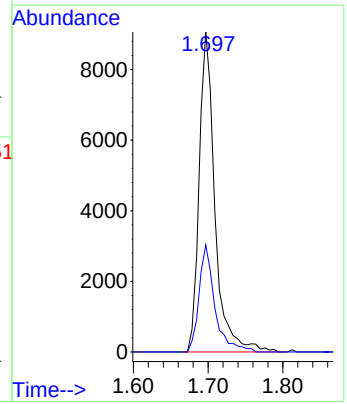


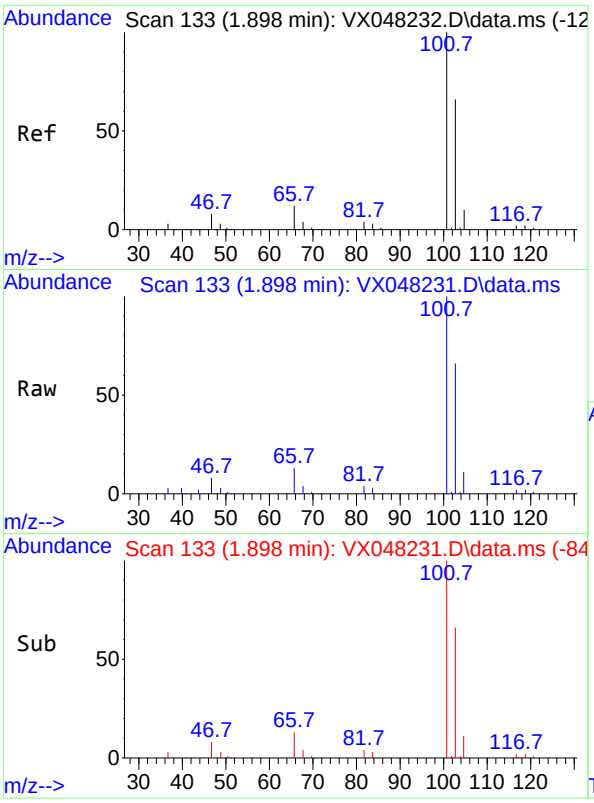


#6
Chloroethane
Concen: 21.212 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 64 Resp: 13249

Ion	Ratio	Lower	Upper
64	100		
66	33.4	23.9	35.9



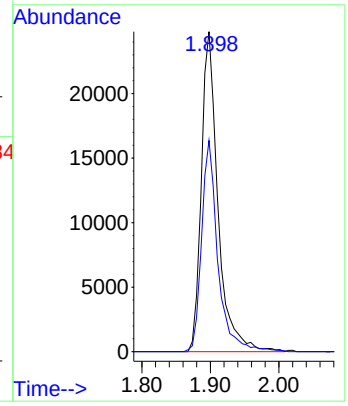


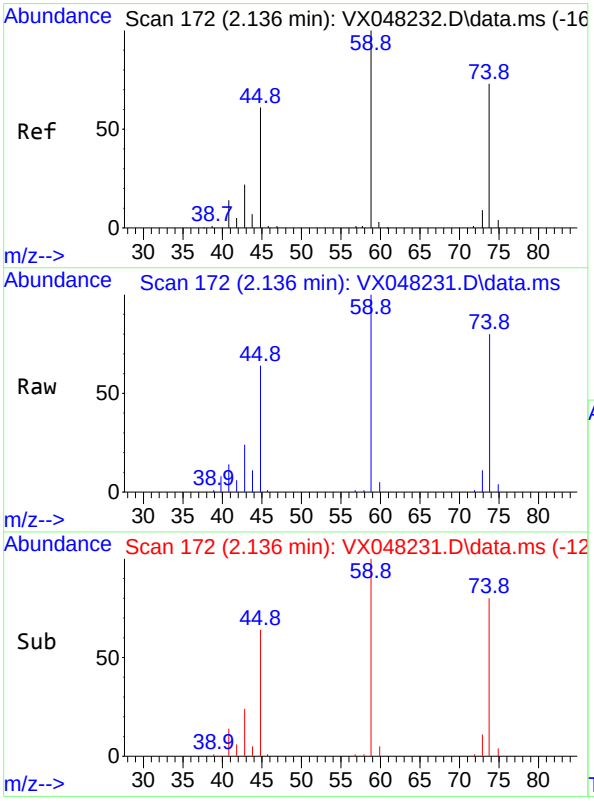
#7
Trichlorofluoromethane
Concen: 20.516 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 41824

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

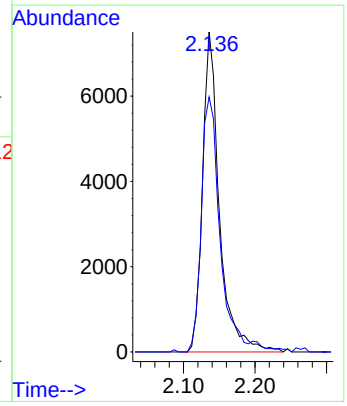


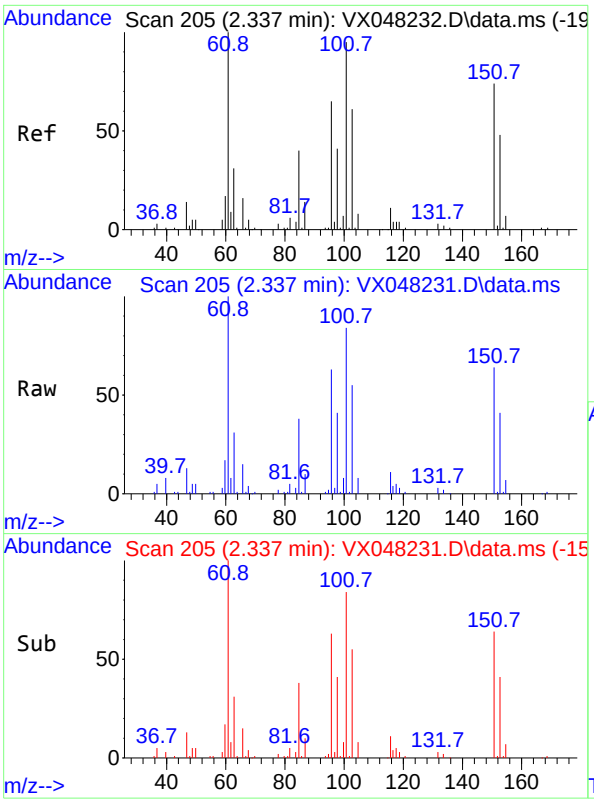


#8
Diethyl Ether
Concen: 21.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 74 Resp: 12293

Ion	Ratio	Lower	Upper
74	100		
45	86.6	50.0	149.8



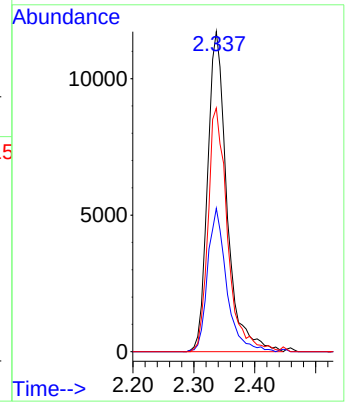


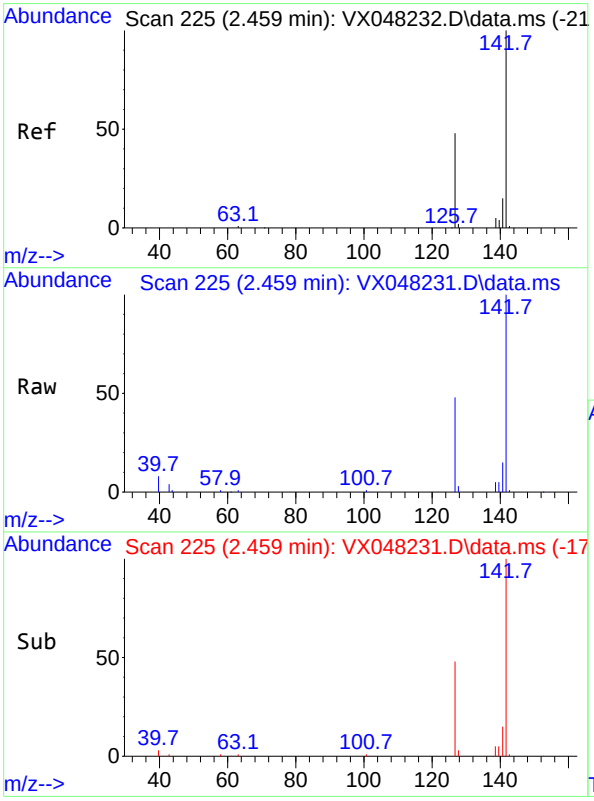
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.019 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 25843

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.6	53.4
151	76.9	58.0	87.0

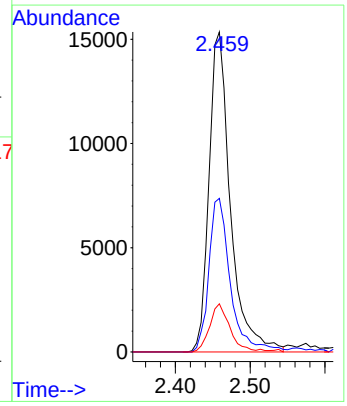


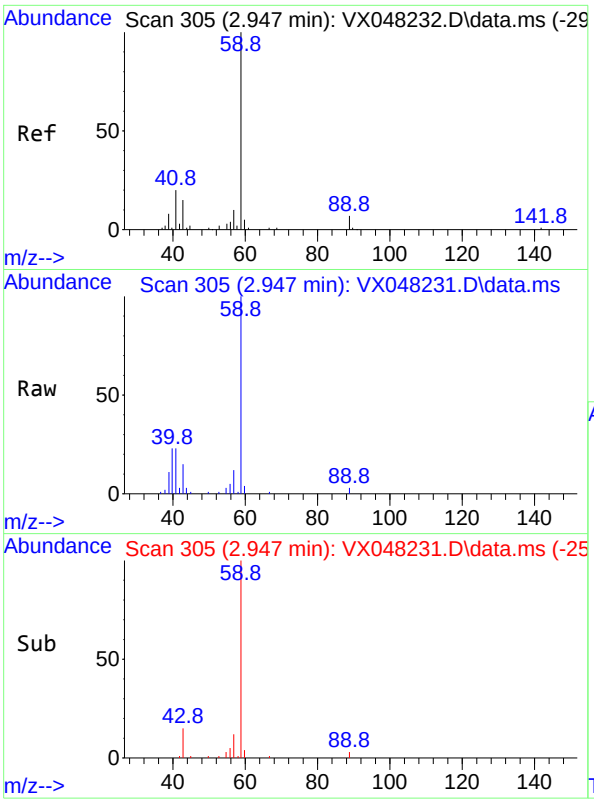


#10
Methyl Iodide
Concen: 18.764 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:142 Resp: 30452

Ion	Ratio	Lower	Upper
142	100		
127	48.4	38.5	57.7
141	14.2	11.6	17.4



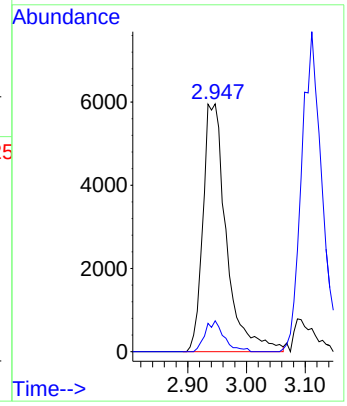


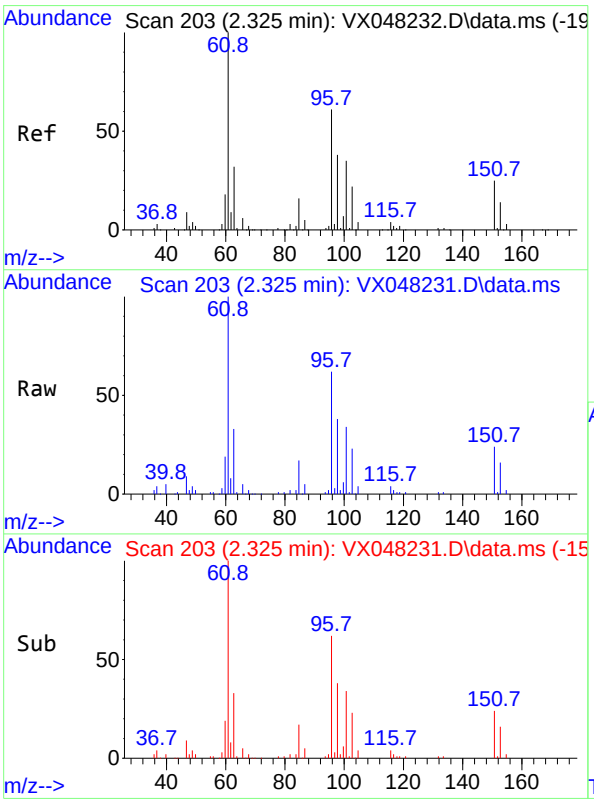
#11
Tert butyl alcohol
Concen: 99.208 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 16521

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

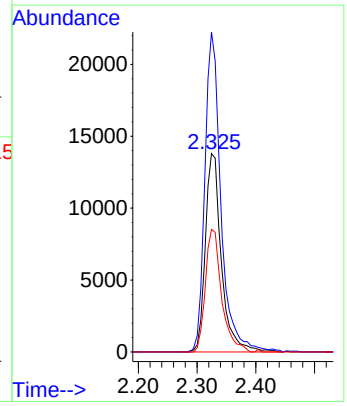


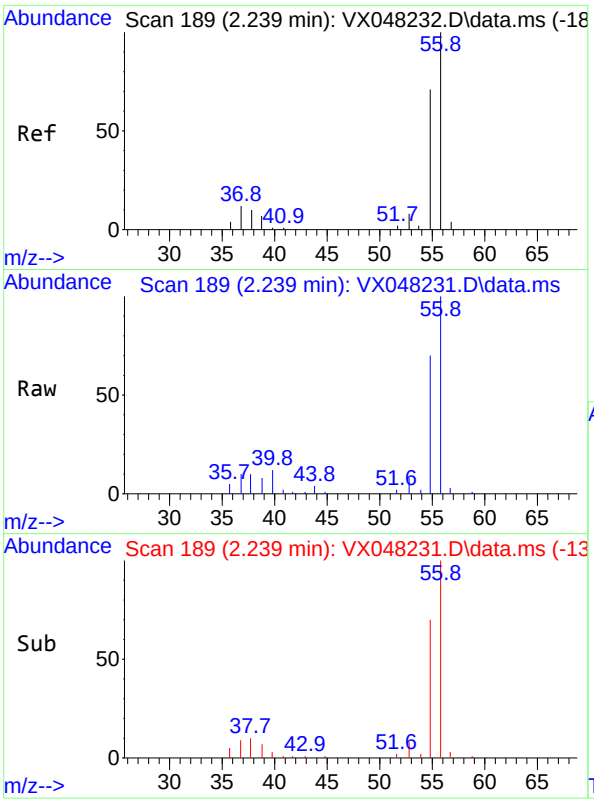


#12
1,1-Dichloroethene
Concen: 20.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 96 Resp: 26209

Ion	Ratio	Lower	Upper
96	100		
61	161.3	139.0	208.6
98	61.7	52.4	78.6



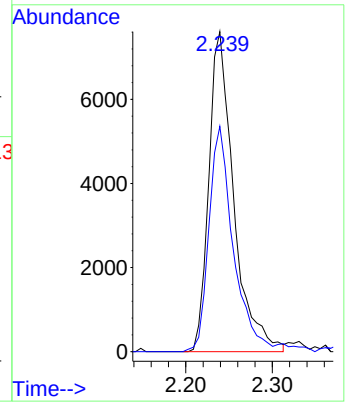


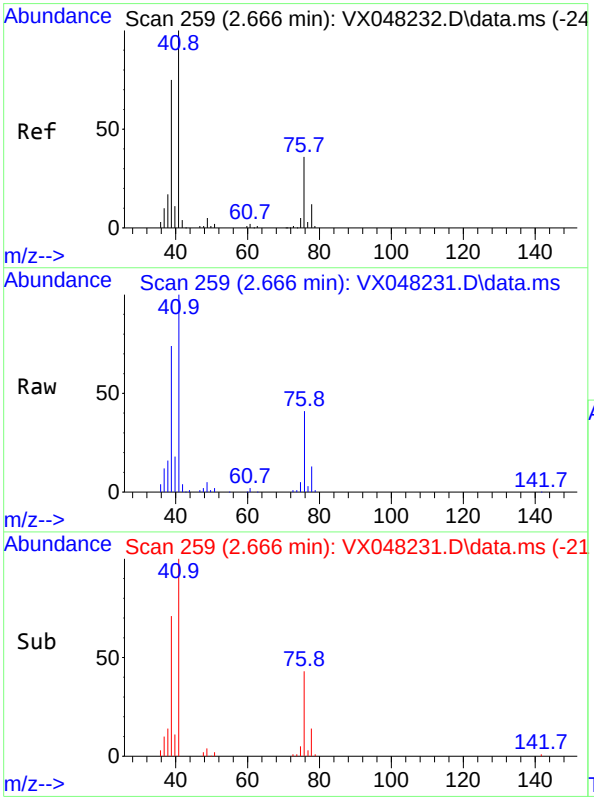
#13
Acrolein
Concen: 89.242 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 15157

Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.1	84.1

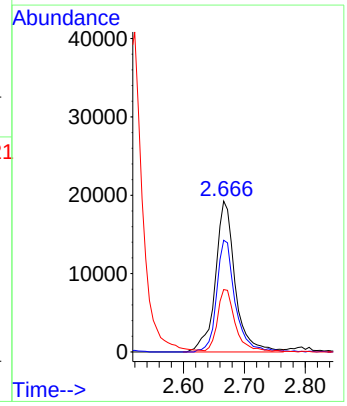


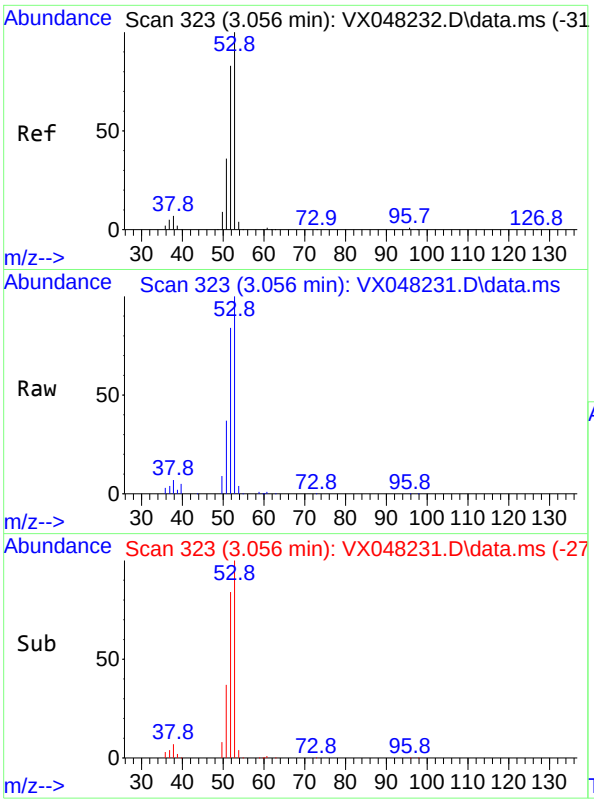


#14
Allyl chloride
Concen: 20.859 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 43494

Ion	Ratio	Lower	Upper
41	100		
39	69.2	56.0	84.0
76	36.0	27.5	41.3



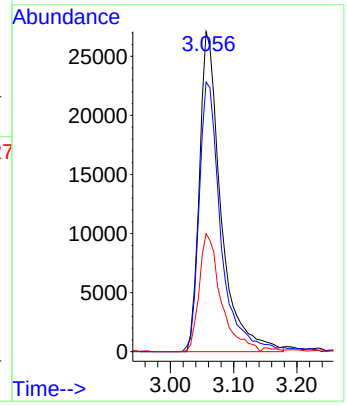


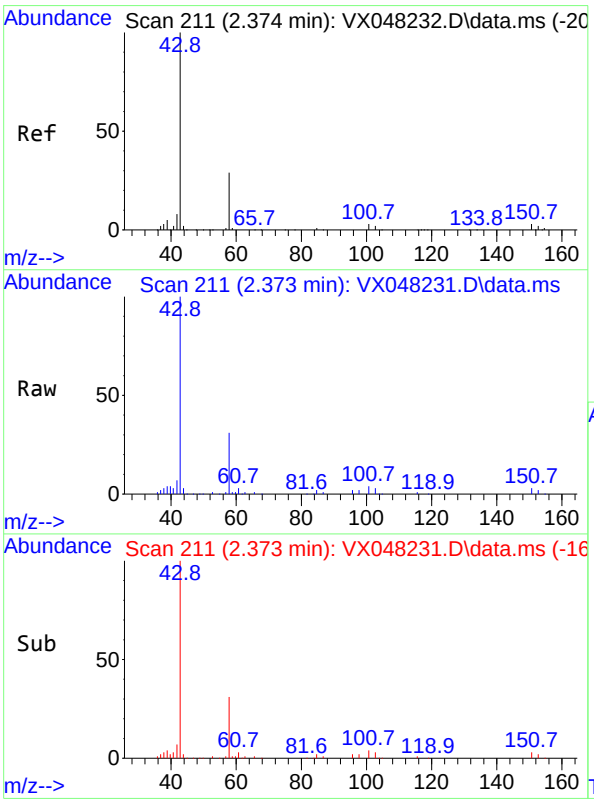
#15
Acrylonitrile
Concen: 106.465 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 63931

Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.1	99.1
51	37.4	29.0	43.4

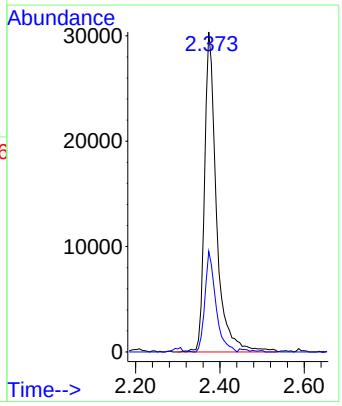


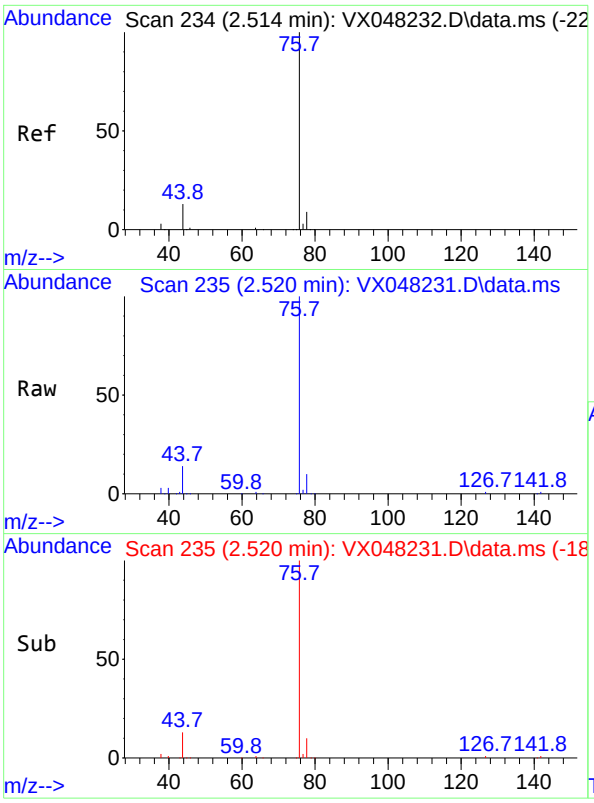


#16
Acetone
Concen: 104.075 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 59884

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.4	35.2



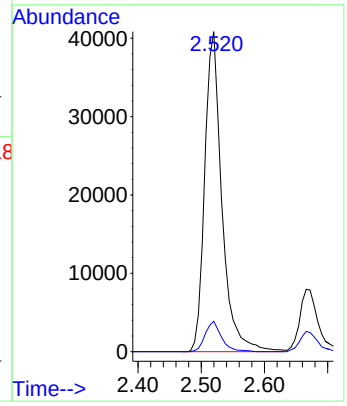


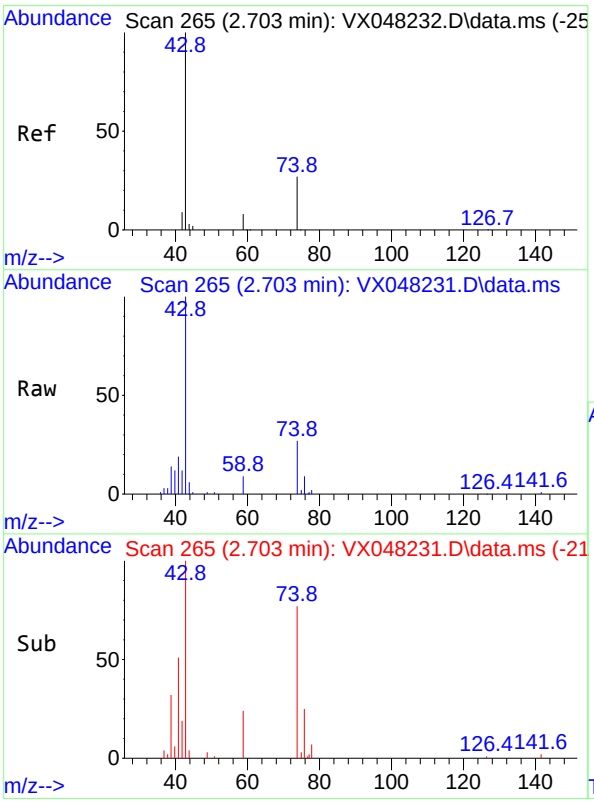
#17
Carbon Disulfide
Concen: 19.489 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 77142

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

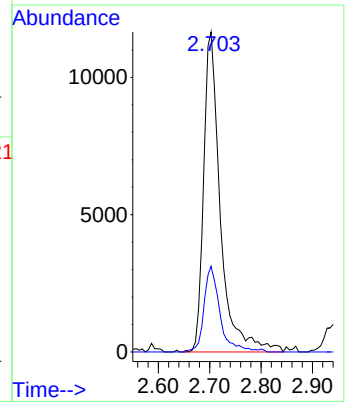


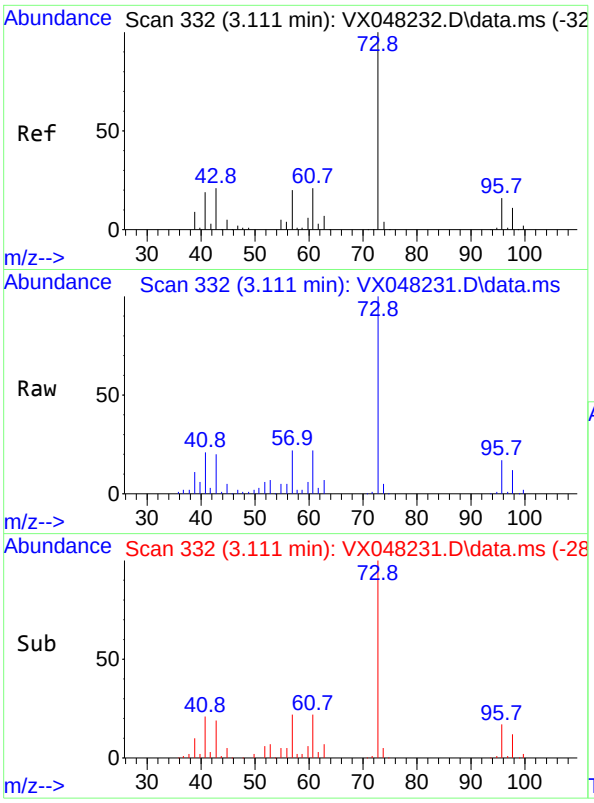


#18
Methyl Acetate
Concen: 21.948 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 26374

Ion	Ratio	Lower	Upper
43	100		
74	25.7	17.5	26.3



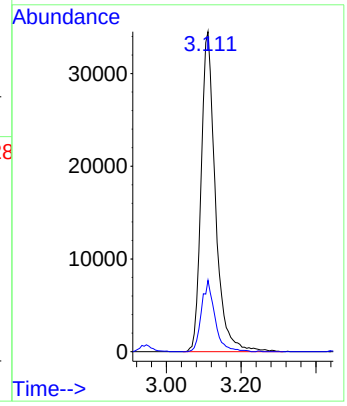


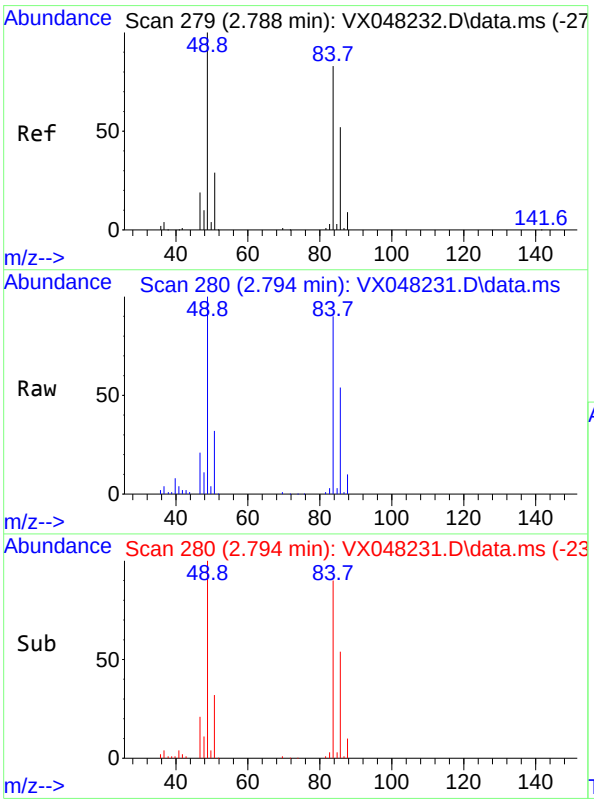
#19
Methyl tert-butyl Ether
Concen: 21.321 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 91349

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.7	26.5

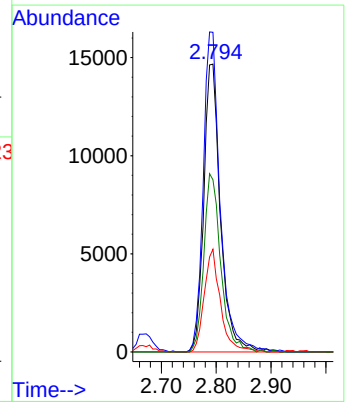


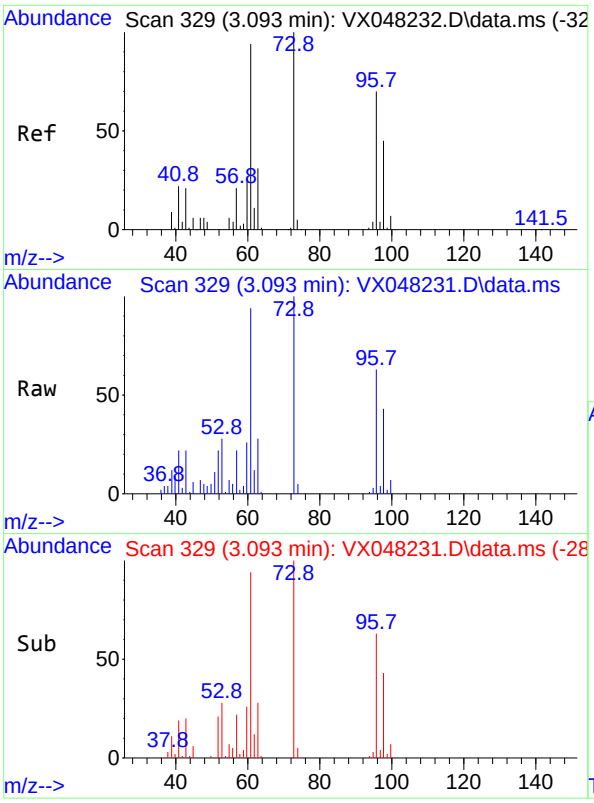


#20
Methylene Chloride
Concen: 22.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 84 Resp: 31157

Ion	Ratio	Lower	Upper
84	100		
49	111.1	104.1	156.1
51	35.7	31.3	46.9
86	59.8	51.3	76.9



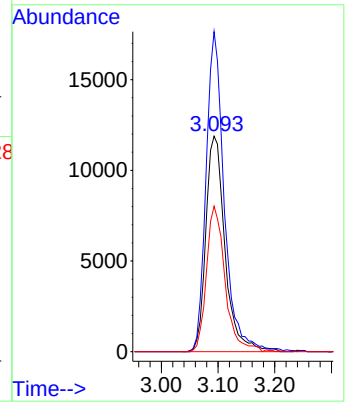


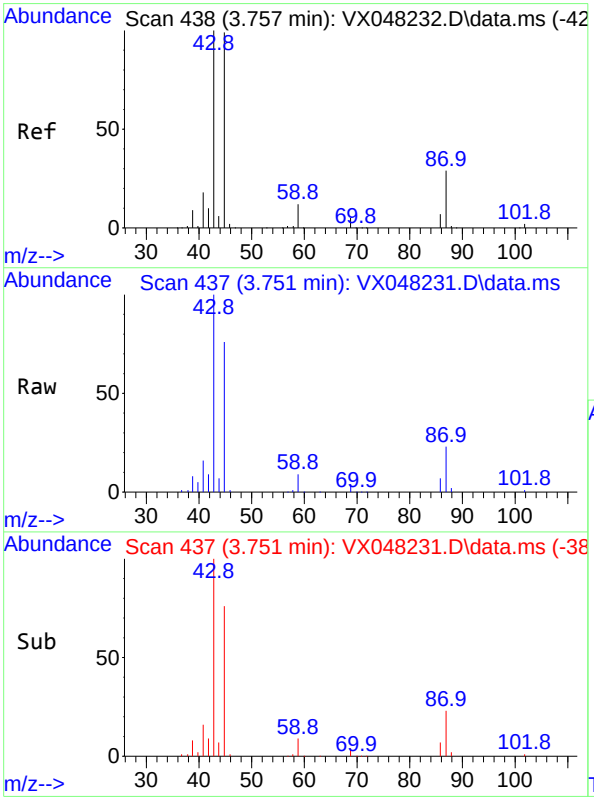
#21
trans-1,2-Dichloroethene
Concen: 20.297 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 28001

Ion	Ratio	Lower	Upper
96	100		
61	148.5	111.9	167.9
98	67.5	51.2	76.8

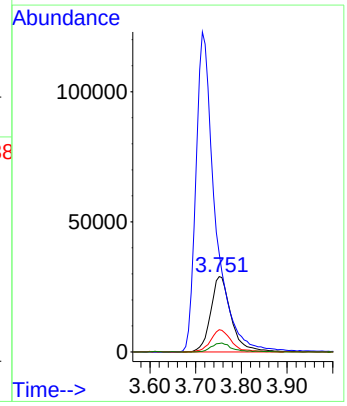


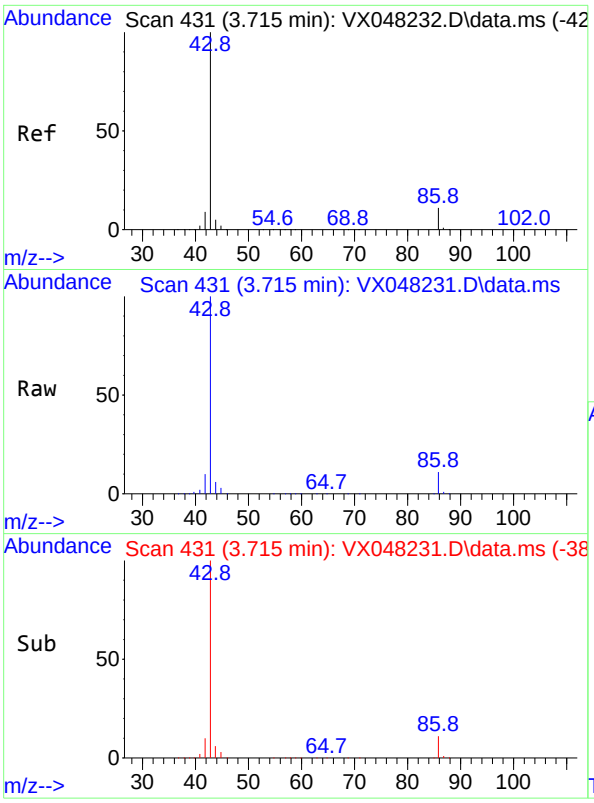


#22
Diisopropyl ether
Concen: 21.648 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 45 Resp: 90030

Ion	Ratio	Lower	Upper
45	100		
43	129.3	89.8	134.8
87	29.6	20.6	31.0
59	11.3	9.1	13.7



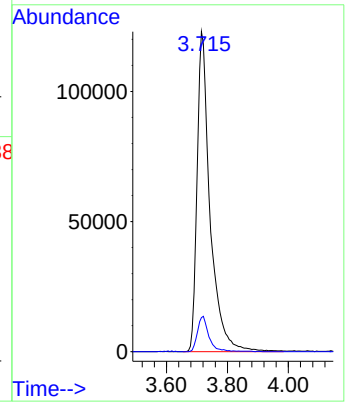


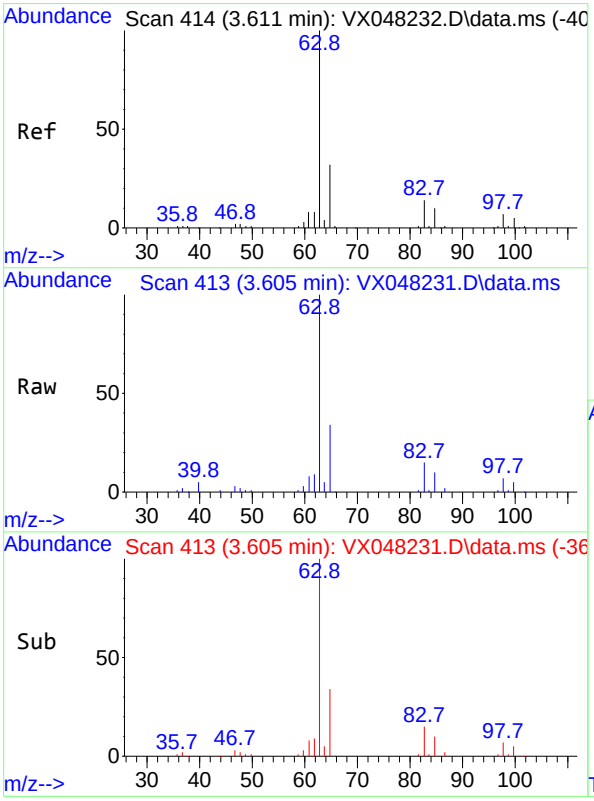
#23
Vinyl Acetate
Concen: 109.571 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 364009

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.9	11.9

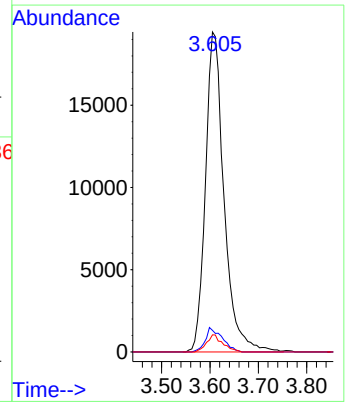


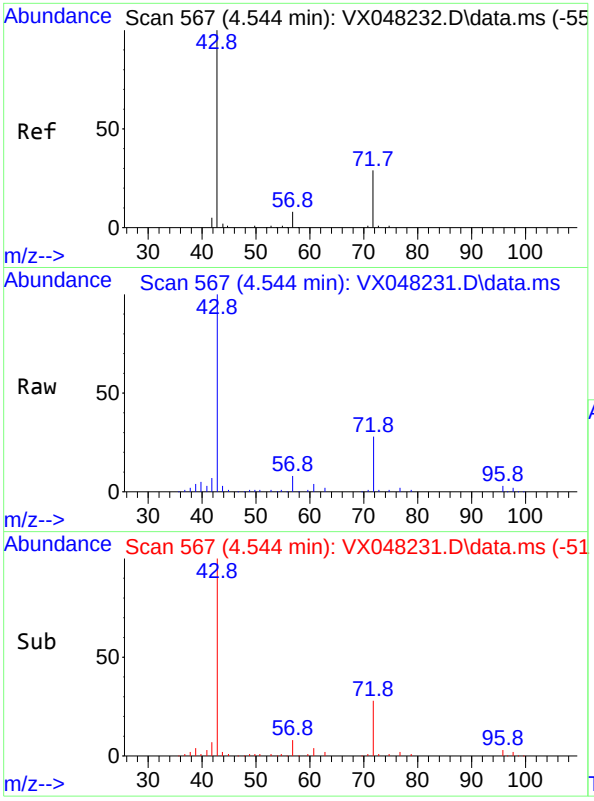


#24
1,1-Dichloroethane
Concen: 20.649 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 51927

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	5.4	2.1	6.3



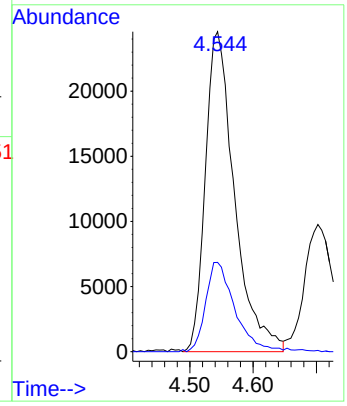


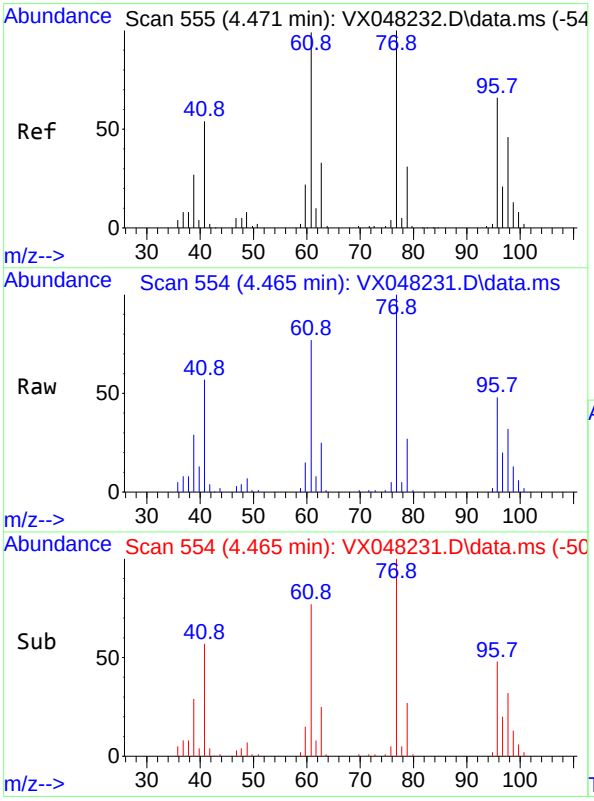
#25
2-Butanone
Concen: 107.982 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 78643

Ion	Ratio	Lower	Upper
43	100		
72	27.6	19.9	29.9

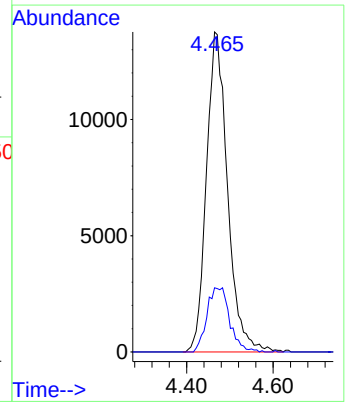


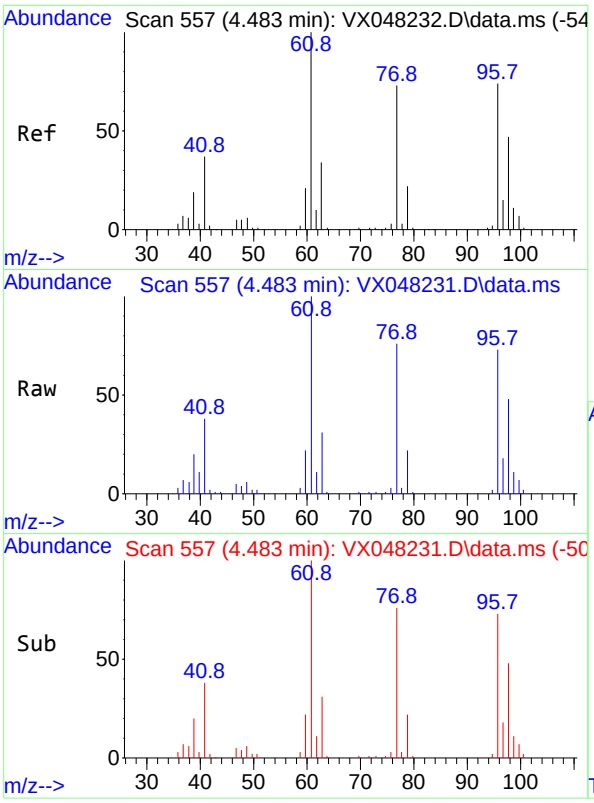


#26
2,2-Dichloropropane
Concen: 20.516 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 77 Resp: 46568

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.1	33.3



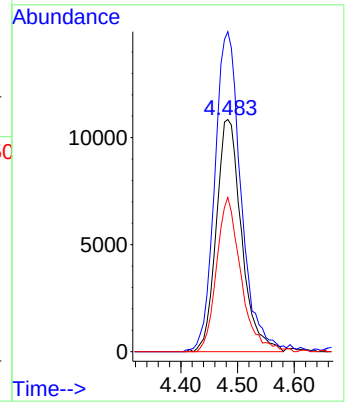


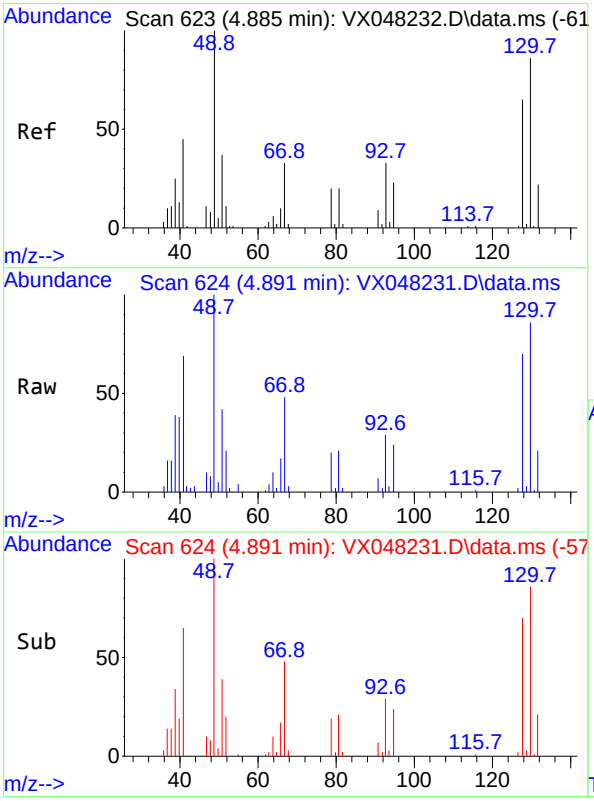
#27
cis-1,2-Dichloroethene
Concen: 20.812 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 33508

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	294.2
98	64.3	0.0	128.4

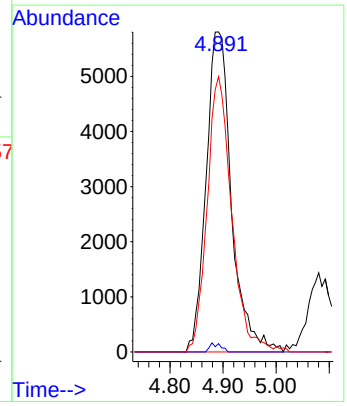


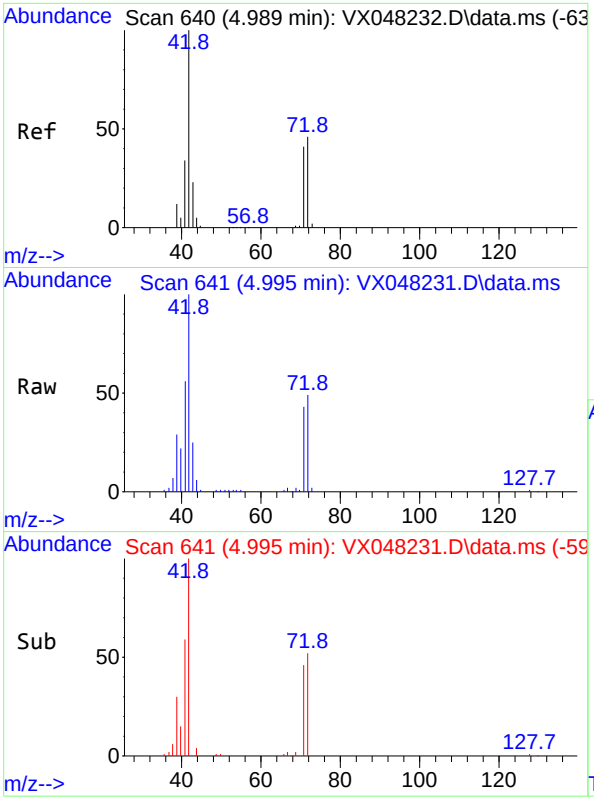


#28
Bromochloromethane
Concen: 18.547 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 49 Resp: 19339

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	82.7	59.3	88.9



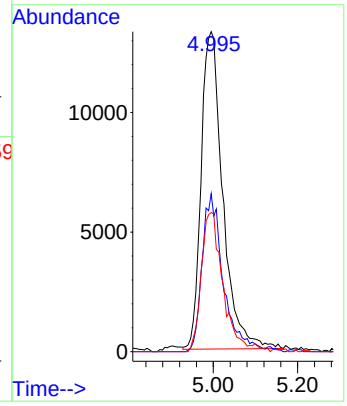


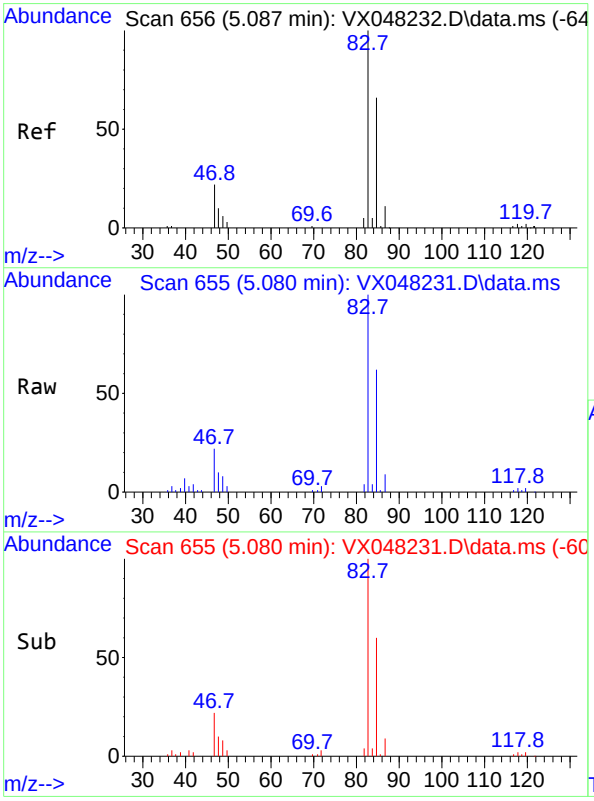
#29
Tetrahydrofuran
Concen: 108.802 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 47457

Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	43.2	32.2	48.4

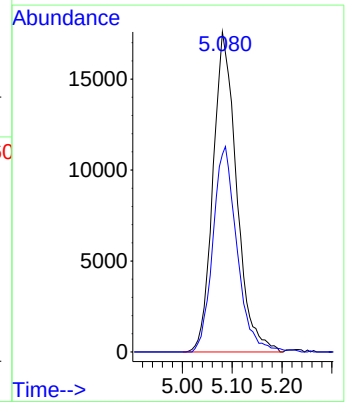


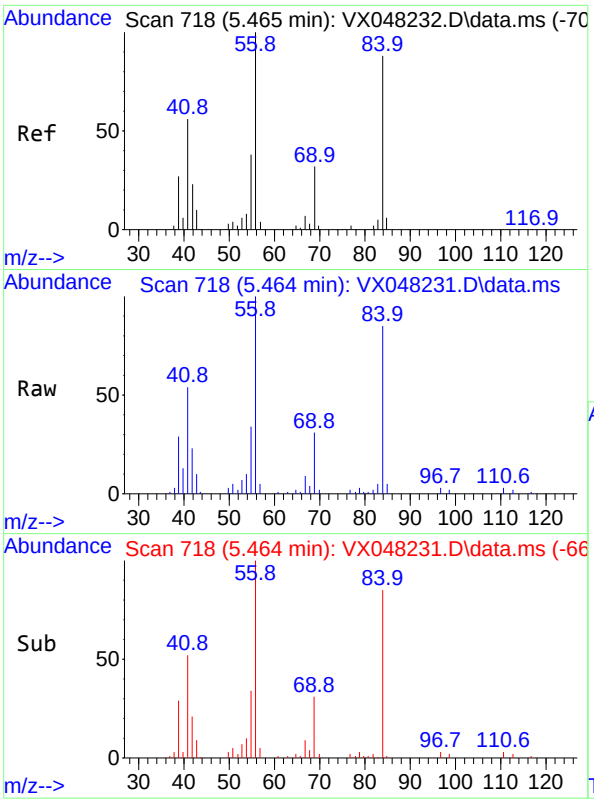


#30
Chloroform
Concen: 21.506 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 83 Resp: 57780

Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.1	75.1



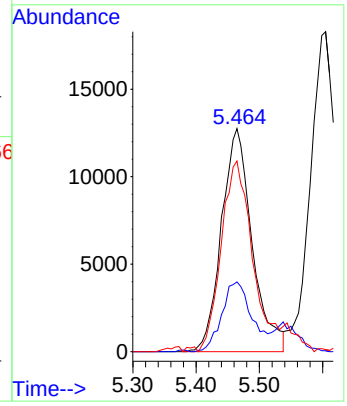


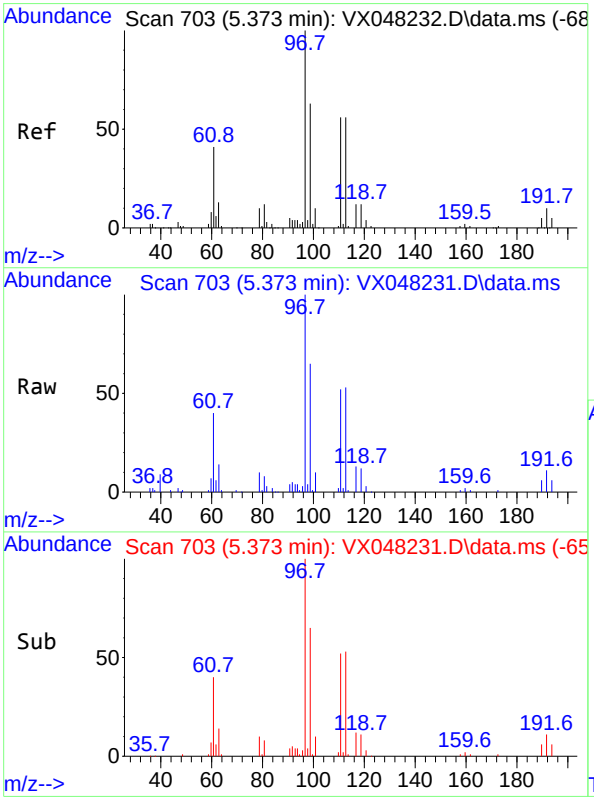
#31
Cyclohexane
Concen: 20.556 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 42796

Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.0	34.6
84	85.5	64.6	97.0

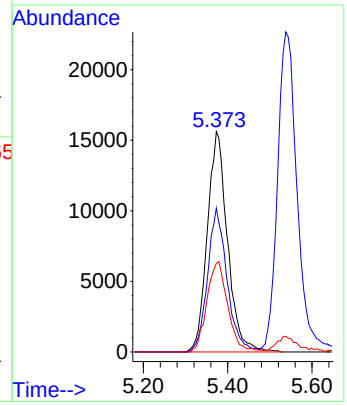


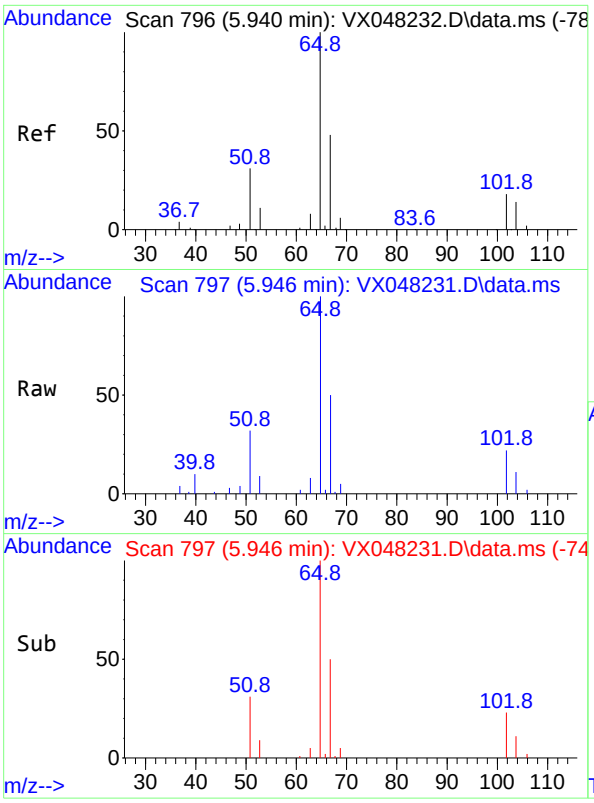


#32
1,1,1-Trichloroethane
Concen: 20.972 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 97 Resp: 51929

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	42.4	34.8	52.2



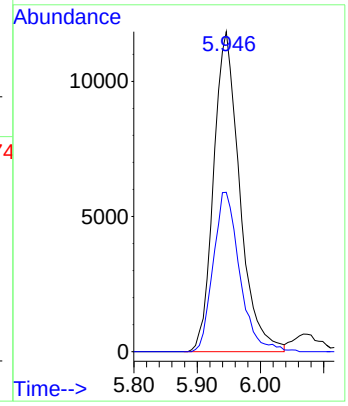


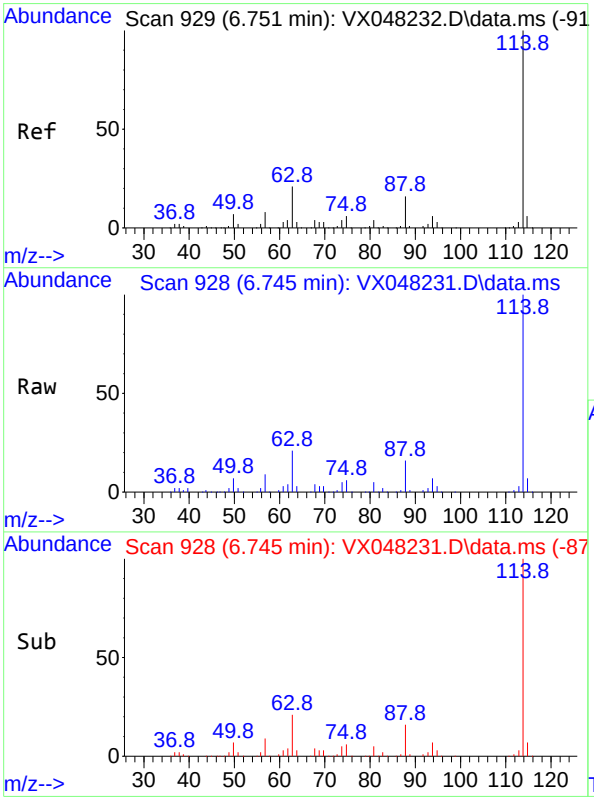
#33
1,2-Dichloroethane-d4
Concen: 20.233 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 33936

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.0

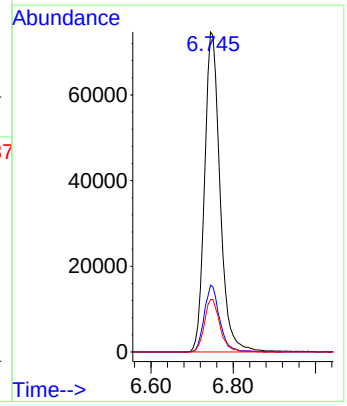


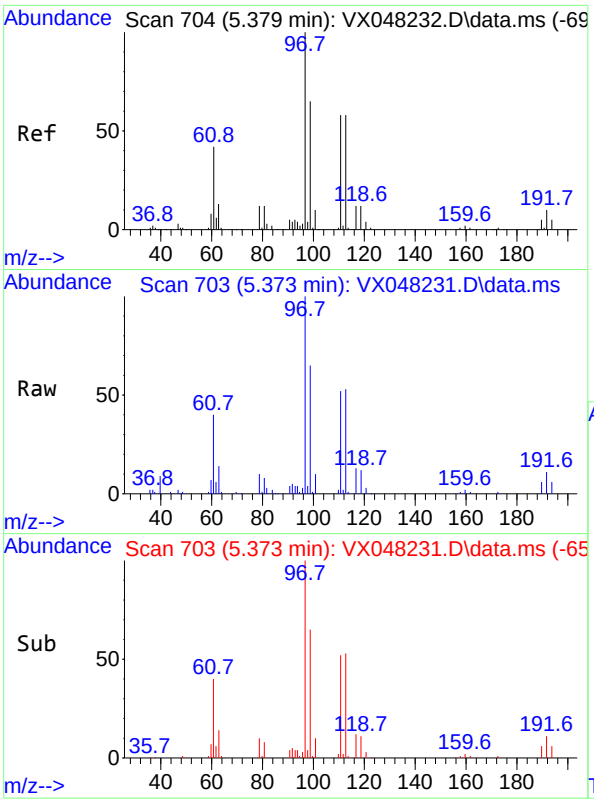


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:114 Resp: 195028

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.4	0.0	33.6



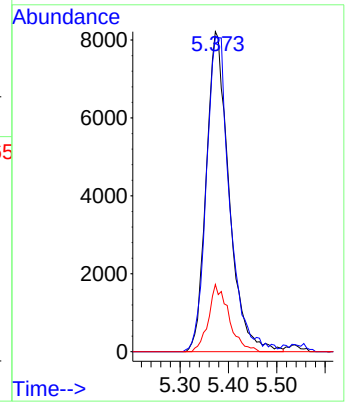


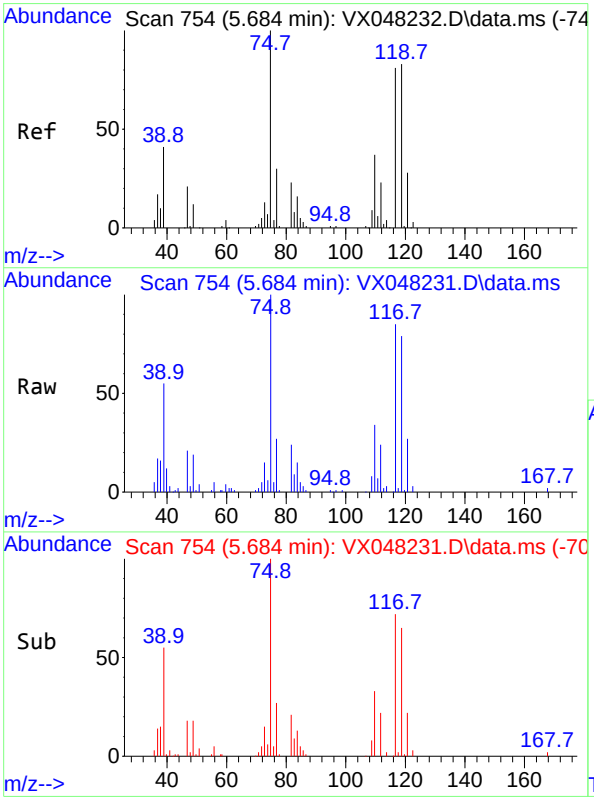
#35
Dibromofluoromethane
Concen: 20.201 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 26897

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	18.8	15.1	22.7

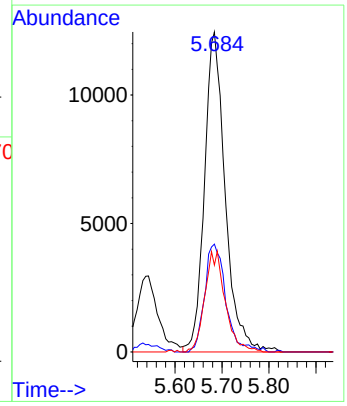


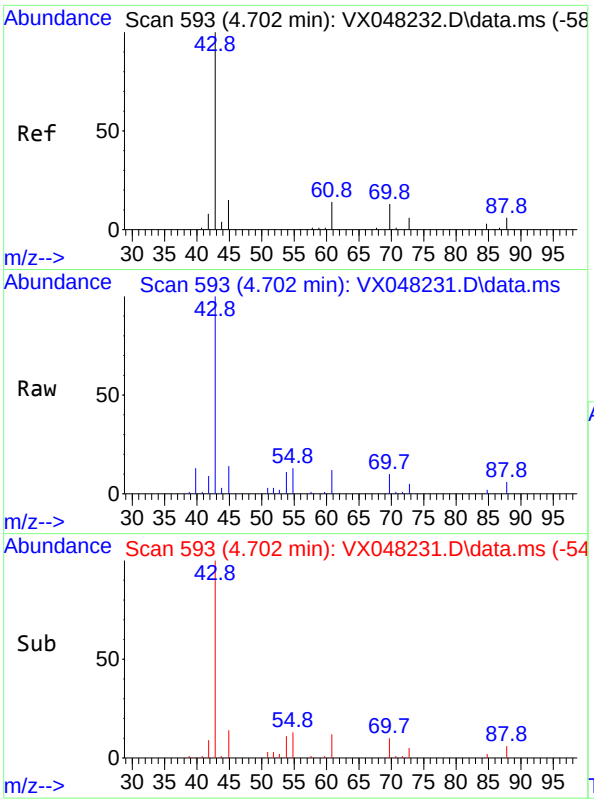


#36
1,1-Dichloropropene
Concen: 20.223 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 38270

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.7	53.1
77	31.1	24.3	36.5



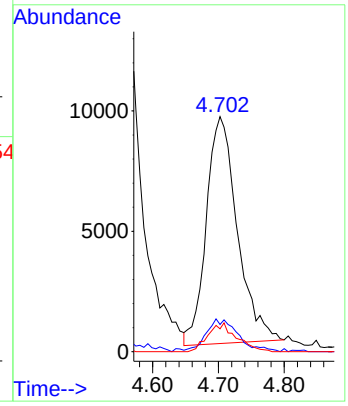


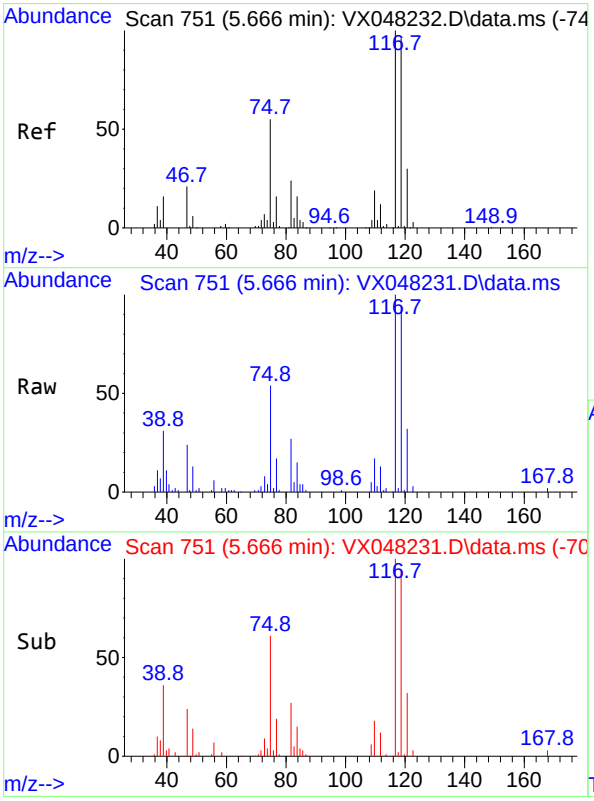
#37
Ethyl Acetate
Concen: 19.702 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 30904

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	15.8
70	11.7	7.8	11.6#

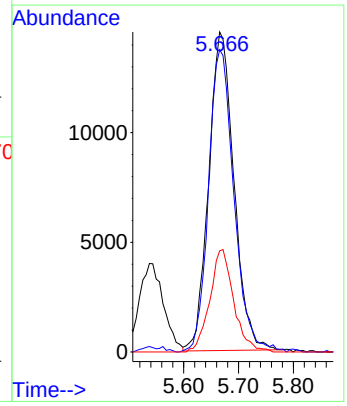


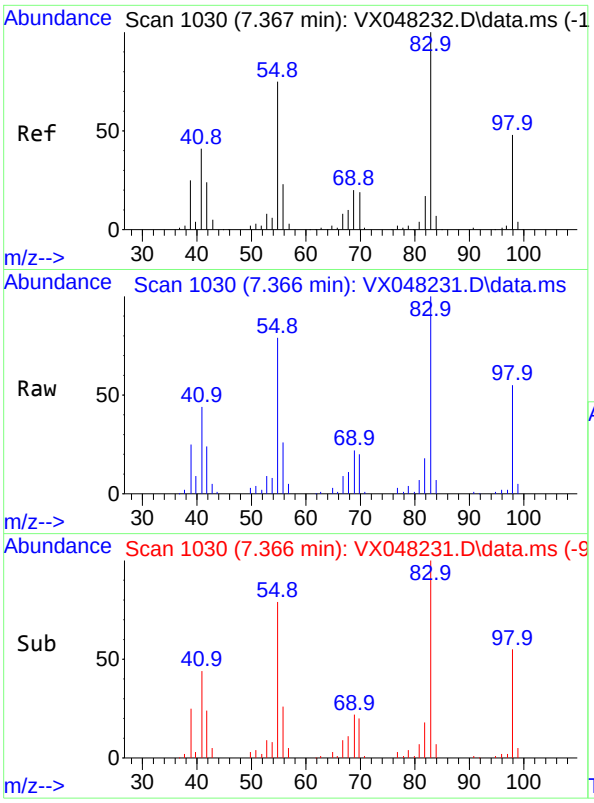


#38
Carbon Tetrachloride
Concen: 19.841 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 46323

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	31.8	24.8	37.2



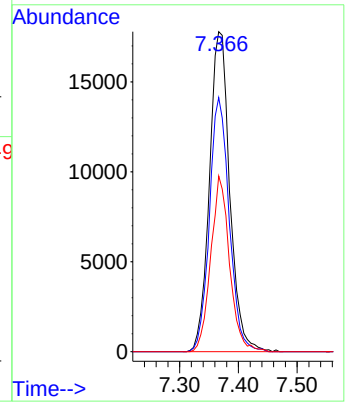


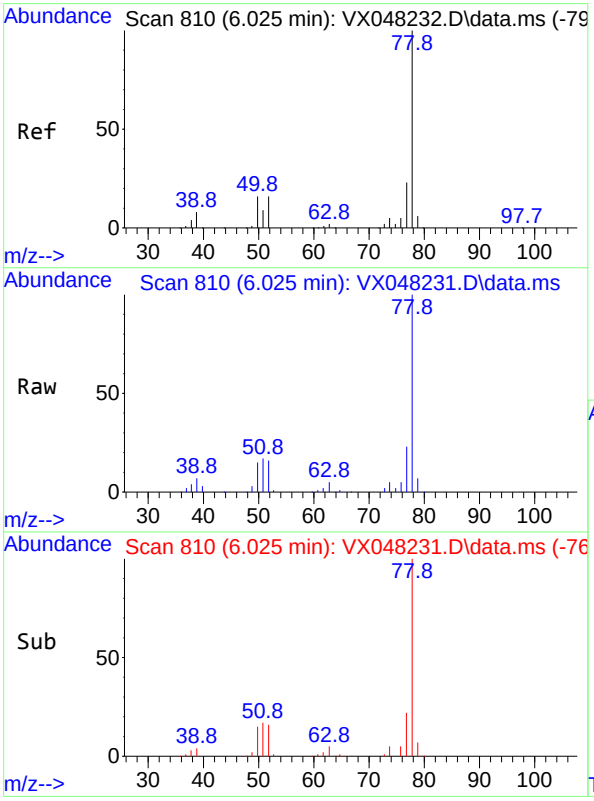
#39
Methylcyclohexane
Concen: 19.140 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 42776

Ion	Ratio	Lower	Upper
83	100		
55	79.4	66.2	99.2
98	54.9	38.9	58.3

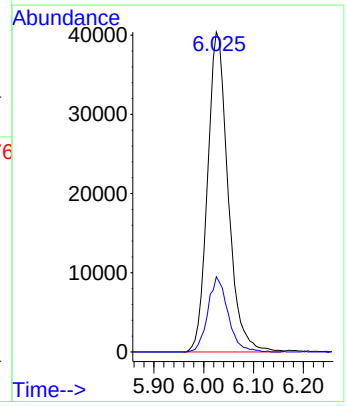


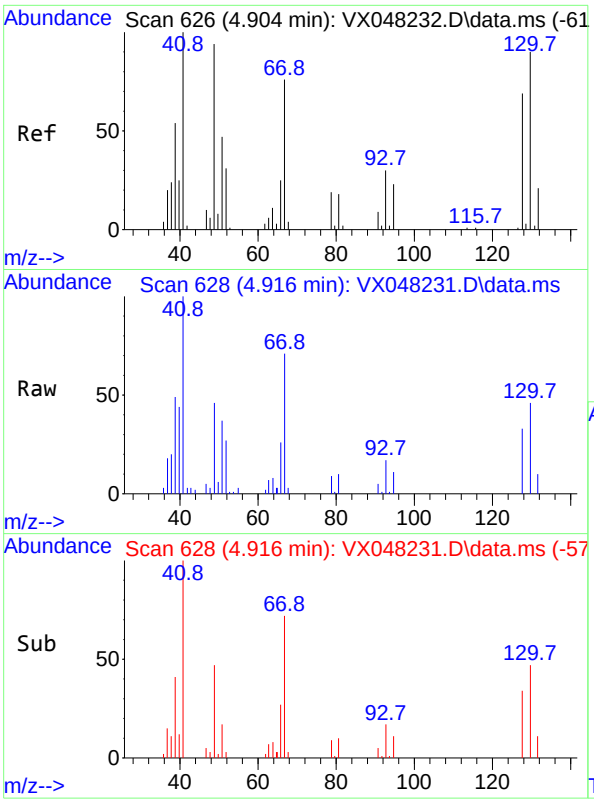


#40
Benzene
Concen: 21.020 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 78 Resp: 115488

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



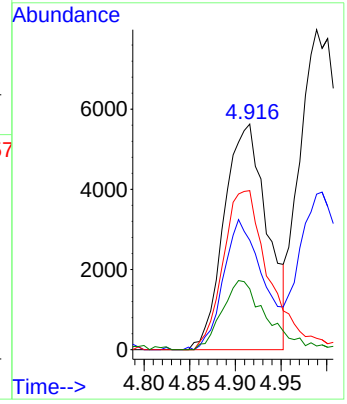


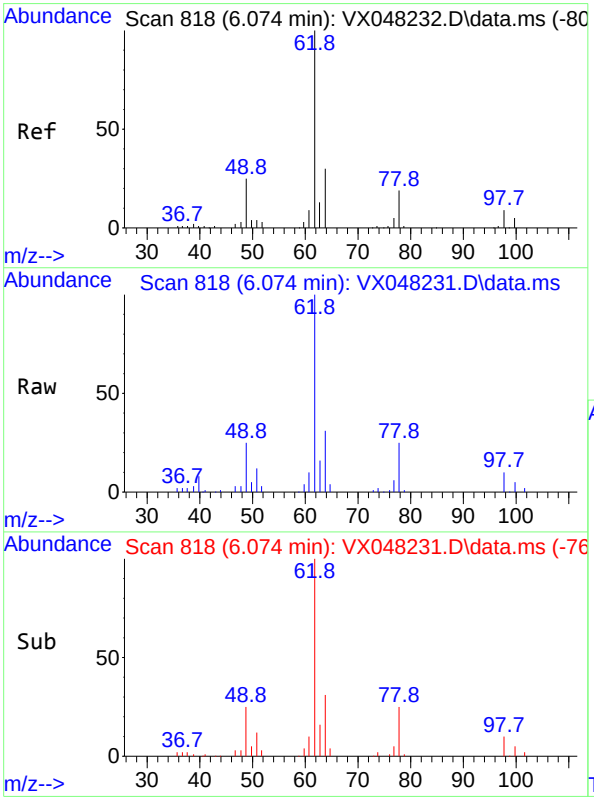
#41
Methacrylonitrile
Concen: 22.411 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 18461

Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.0	66.0
67	76.9	58.7	88.1
52	32.3	25.9	38.9

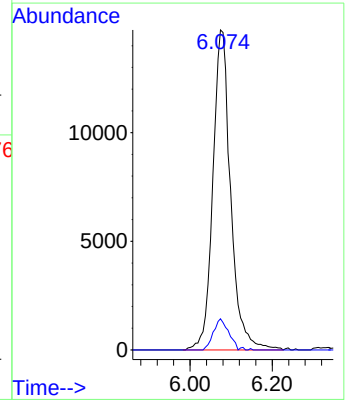


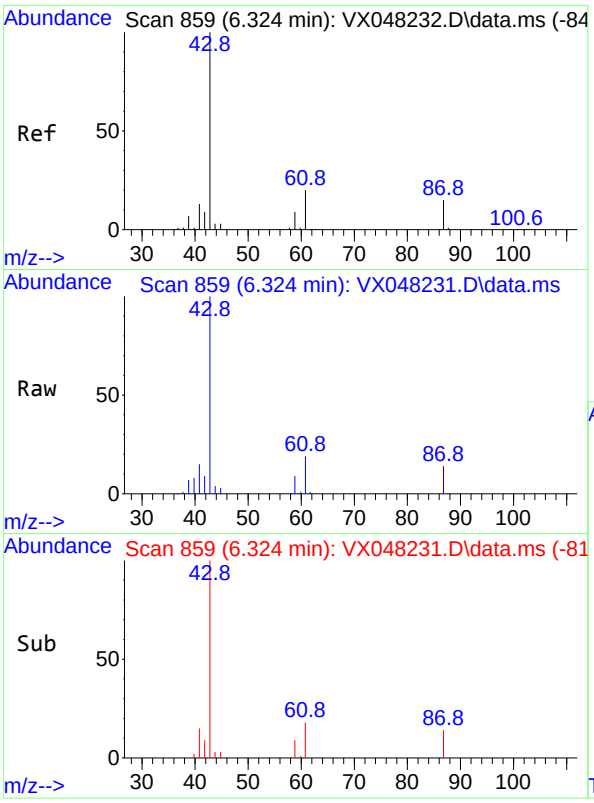


#42
1,2-Dichloroethane
Concen: 21.789 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 62 Resp: 44176

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



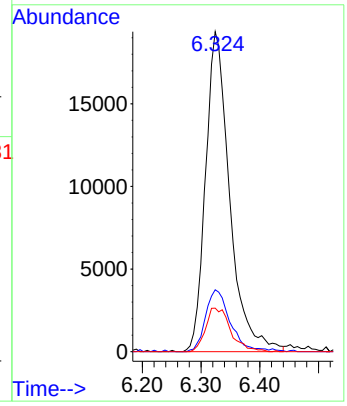


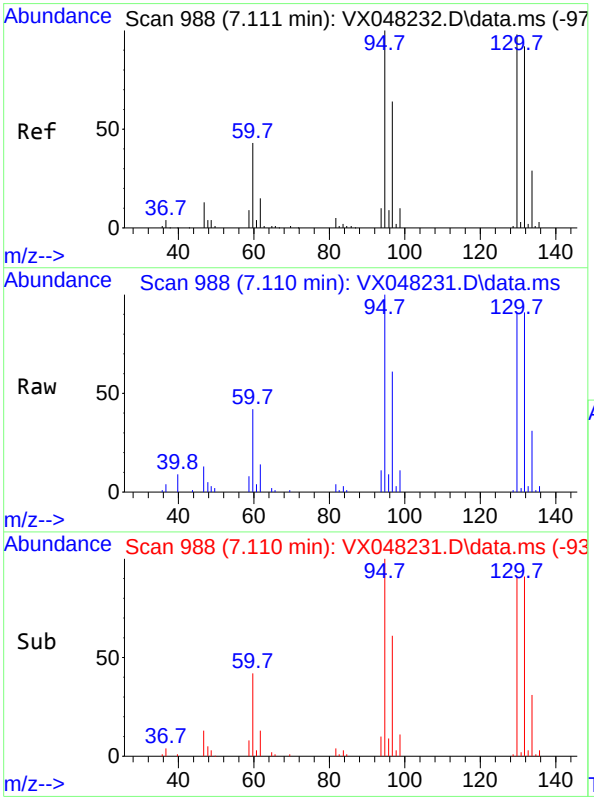
#43
Isopropyl Acetate
Concen: 21.469 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 55317

Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.9	22.3
87	14.1	9.4	14.2

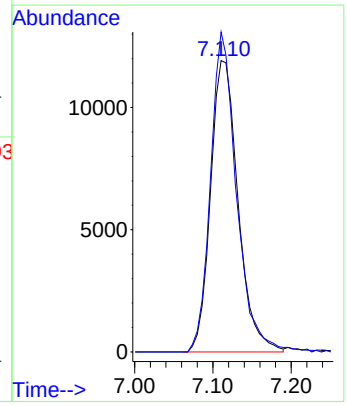


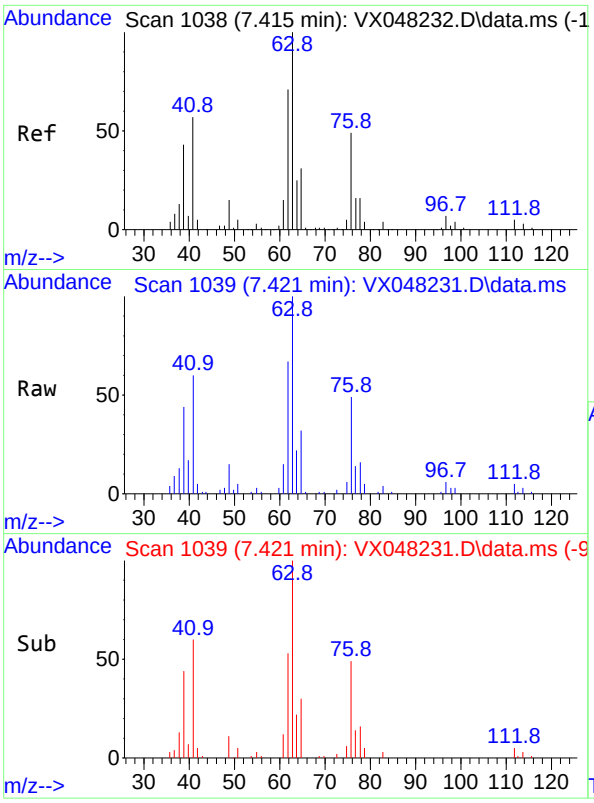


#44
Trichloroethene
Concen: 20.064 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:130 Resp: 29108

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	200.6



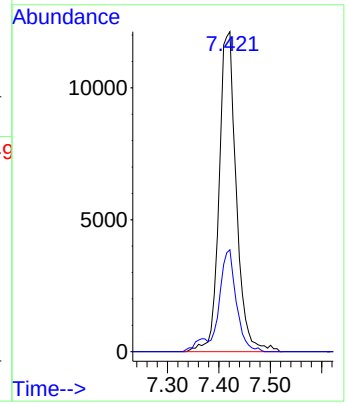


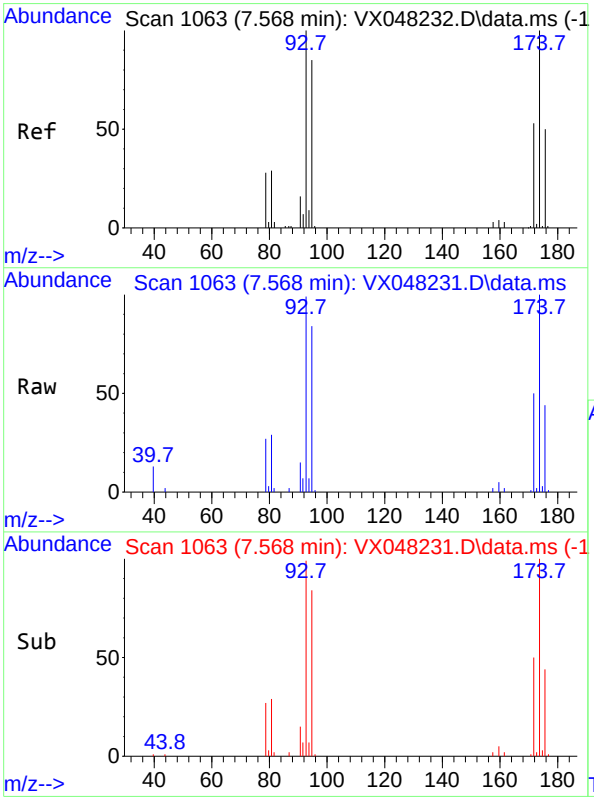
#45
1,2-Dichloropropane
Concen: 21.620 ug/l
RT: 7.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 28242

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.1	36.1

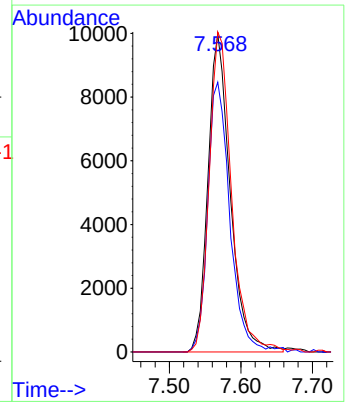


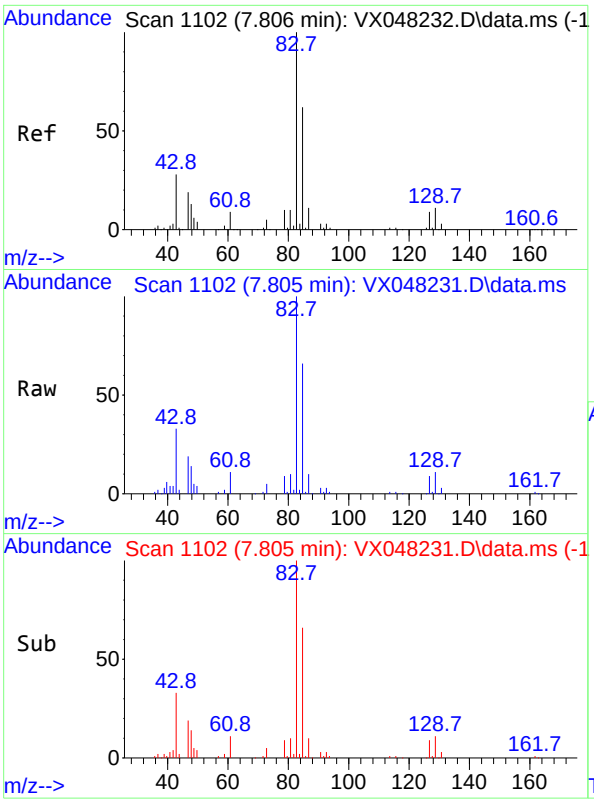


#46
Dibromomethane
Concen: 21.229 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 93 Resp: 21605

Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.9	98.9
174	101.4	71.7	107.5



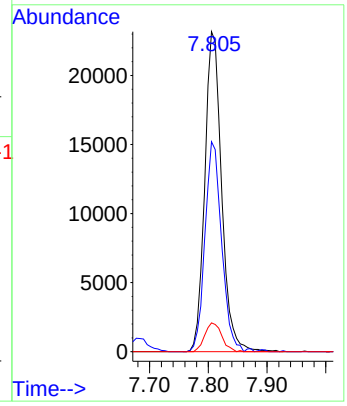


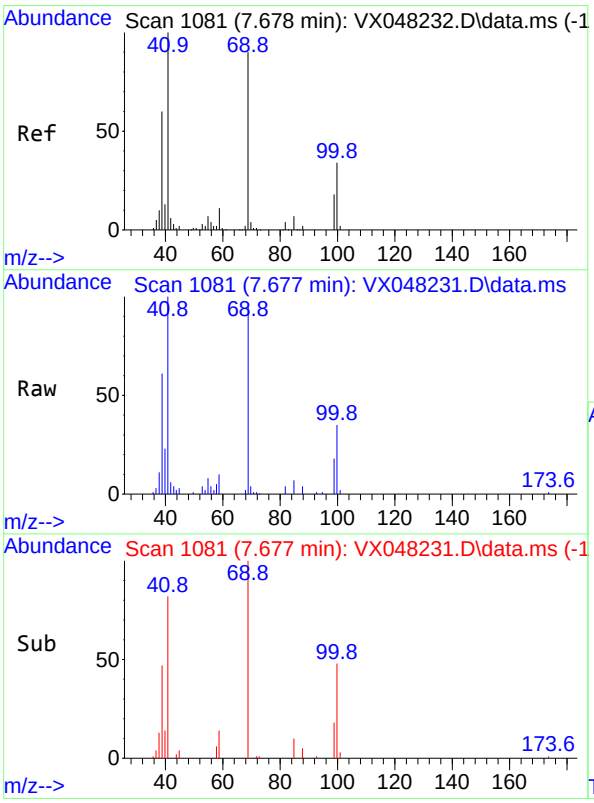
#47
Bromodichloromethane
Concen: 21.034 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 46221

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4
127	9.0	7.3	10.9

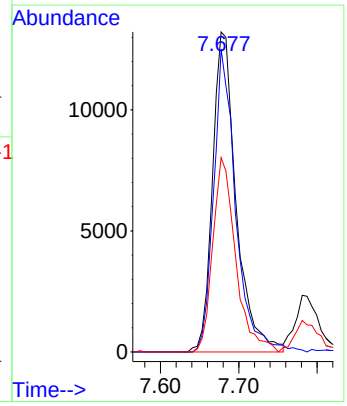


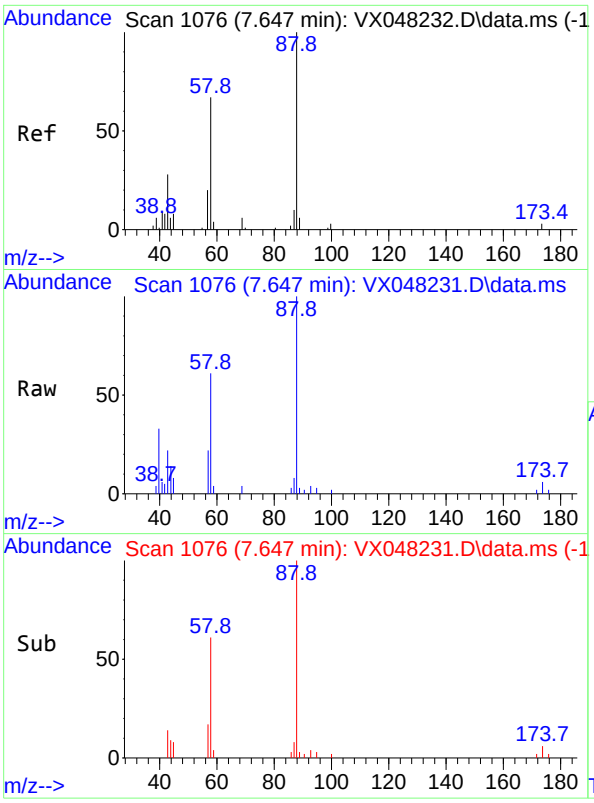


#48
Methyl methacrylate
Concen: 21.344 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 41 Resp: 27751

Ion	Ratio	Lower	Upper
41	100		
69	88.6	63.4	95.0
39	58.7	47.1	70.7



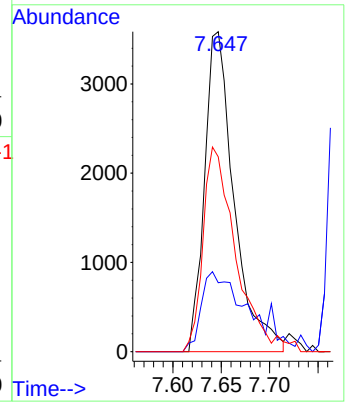


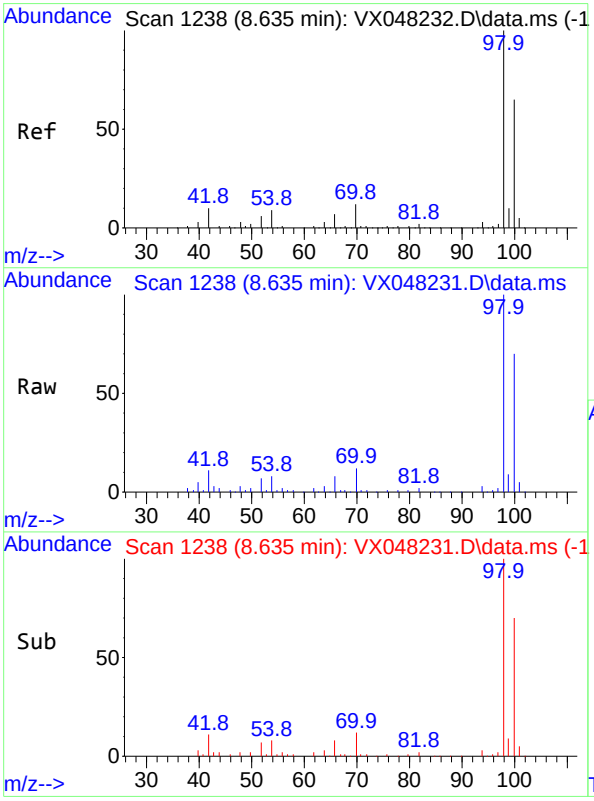
#49
1,4-Dioxane
Concen: 443.623 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 7620

Ion	Ratio	Lower	Upper
88	100		
43	35.0	35.0	52.4
58	71.5	61.9	92.9

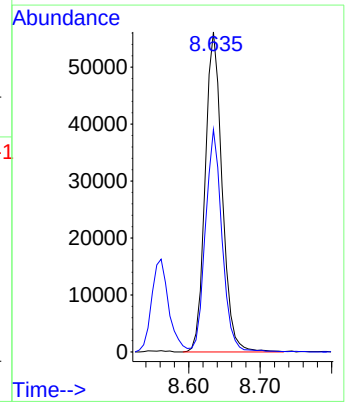


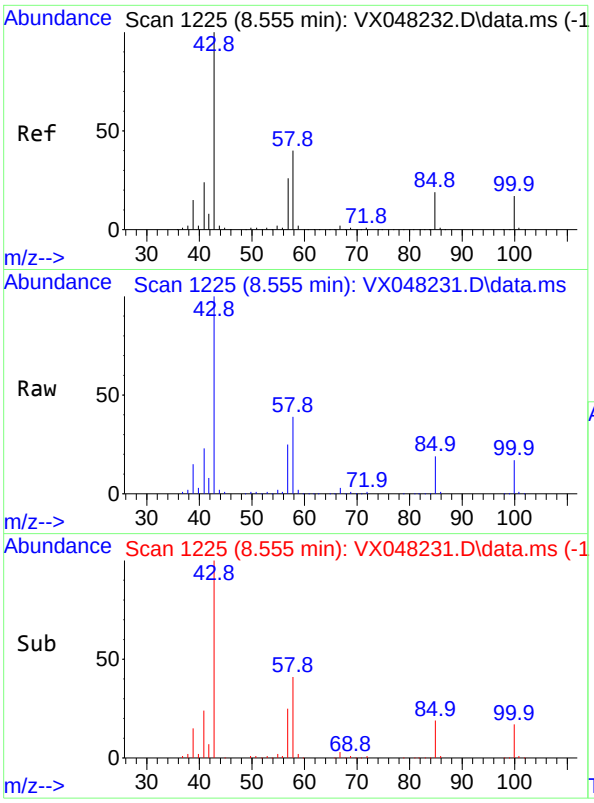


#50
Toluene-d8
Concen: 19.815 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 98 Resp: 92476

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.4



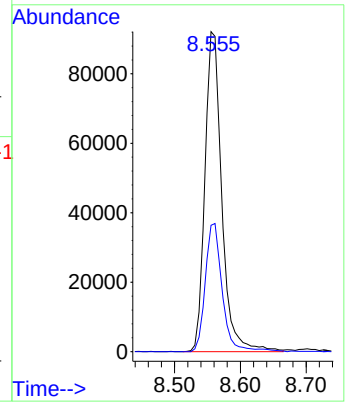


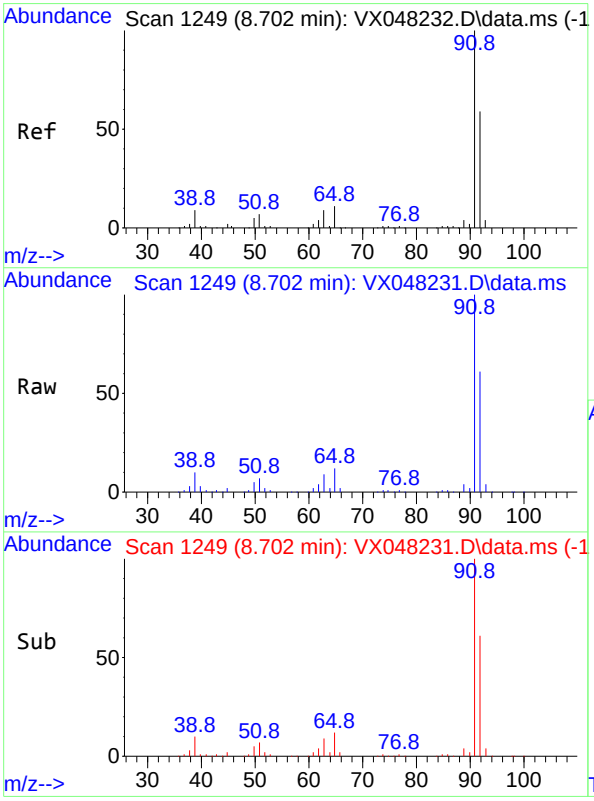
#51
4-Methyl-2-Pentanone
Concen: 110.873 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 164708

Ion	Ratio	Lower	Upper
43	100		
58	40.3	29.5	44.3

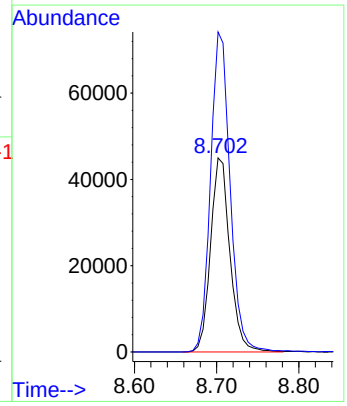


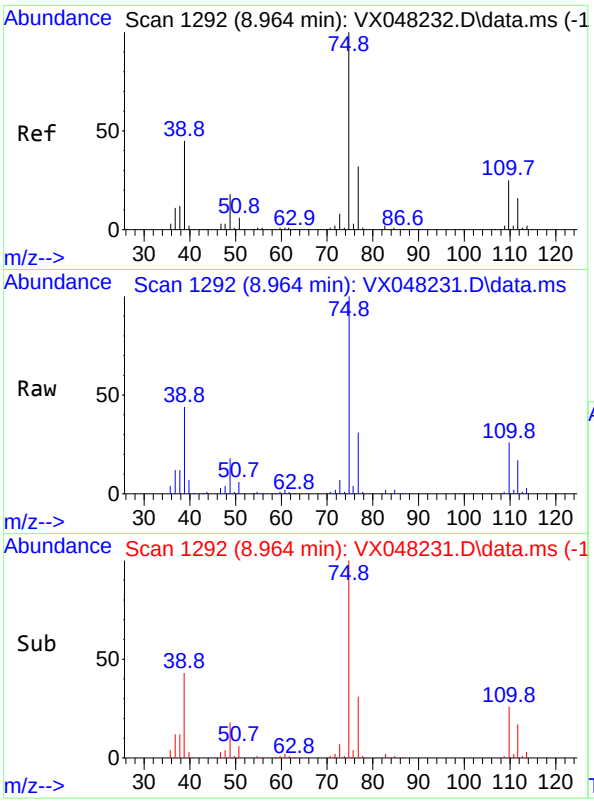


#52
Toluene
Concen: 21.093 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 92 Resp: 73623

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.1	204.1



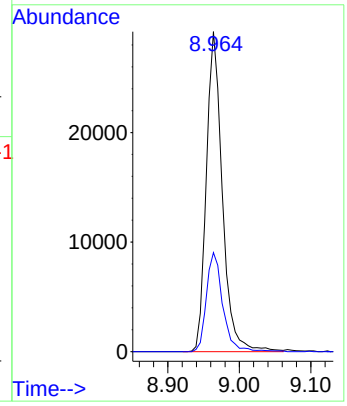


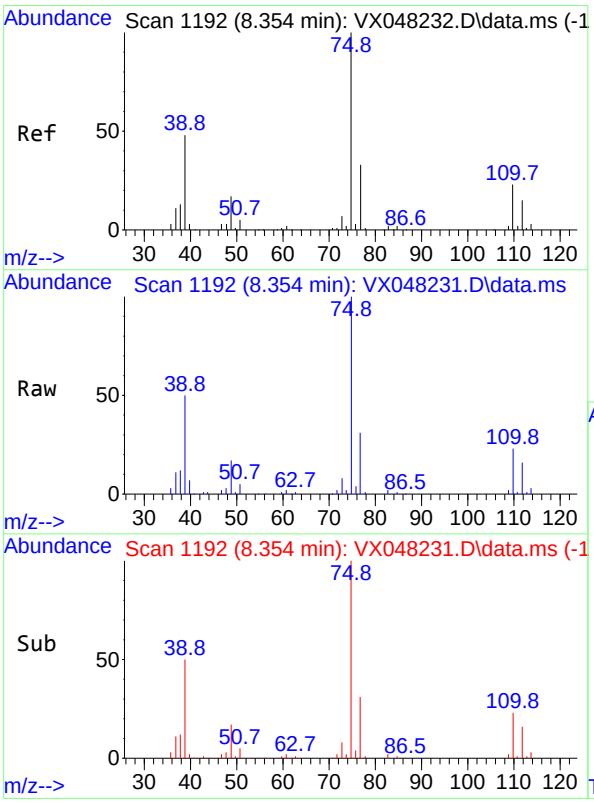
#53
t-1,3-Dichloropropene
Concen: 21.447 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 45416

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.6

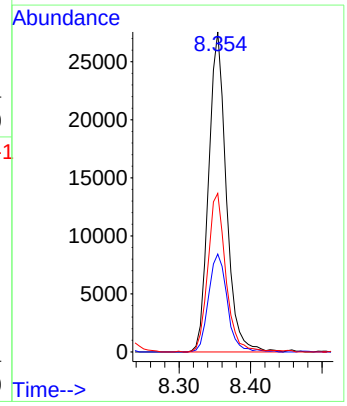


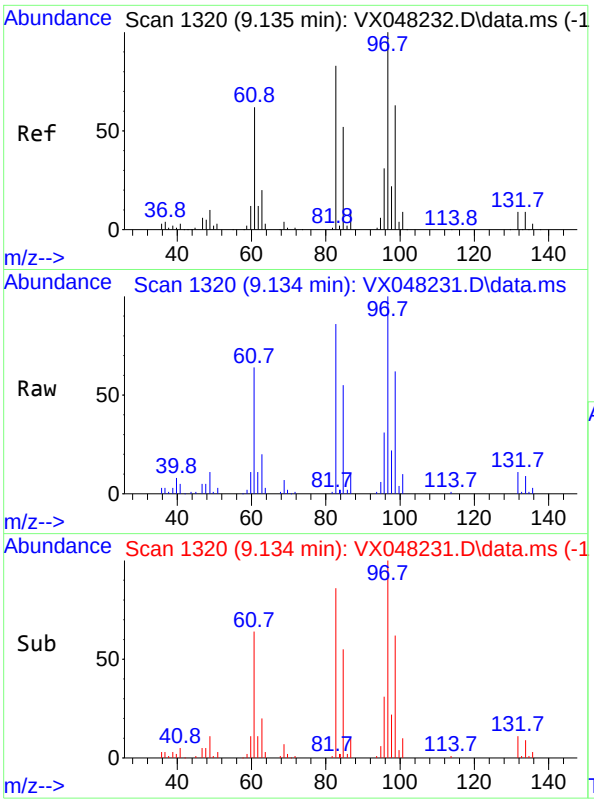


#54
cis-1,3-Dichloropropene
Concen: 20.629 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 47130

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.9	37.3
39	49.5	42.6	64.0



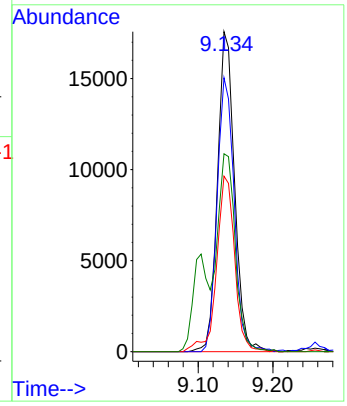


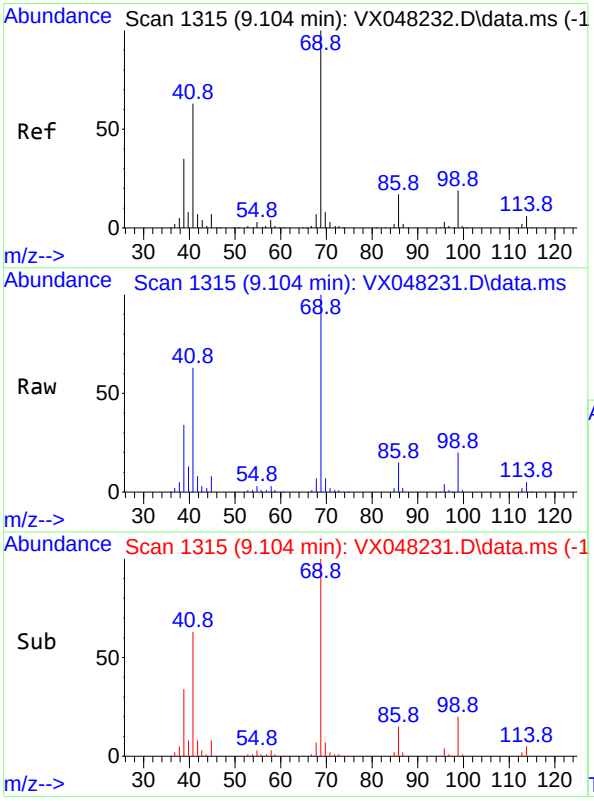
#55
1,1,2-Trichloroethane
Concen: 21.482 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 27884

Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.6	105.8
85	54.9	45.0	67.6
99	61.8	50.9	76.3

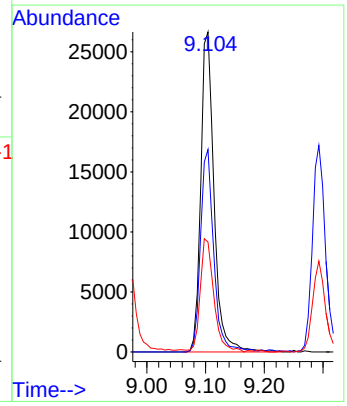


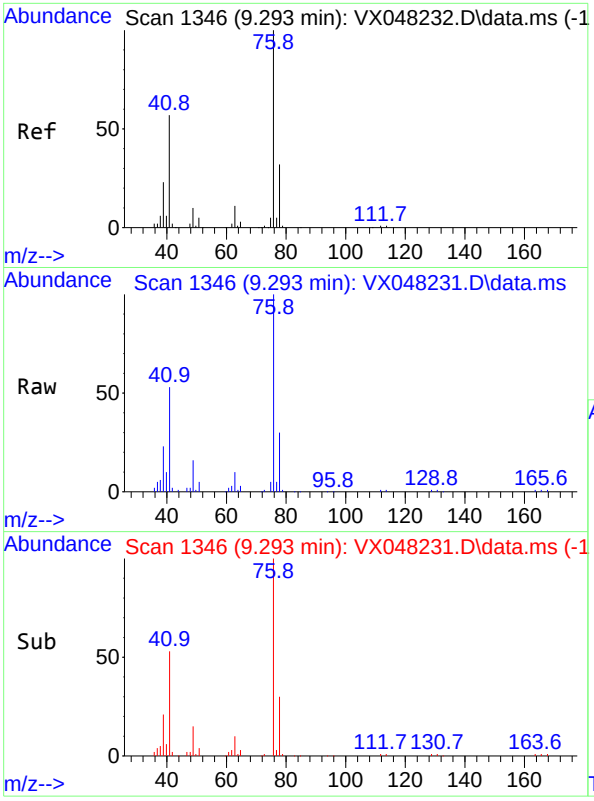


#56
Ethyl methacrylate
Concen: 22.021 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 69 Resp: 41809

Ion	Ratio	Lower	Upper
69	100		
41	63.2	56.0	84.0
39	36.3	31.6	47.4



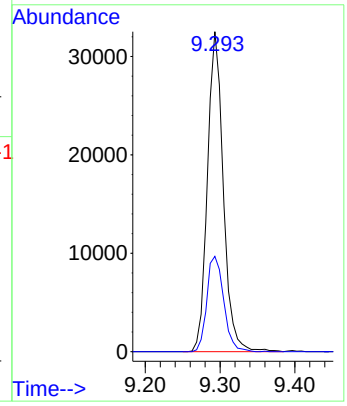


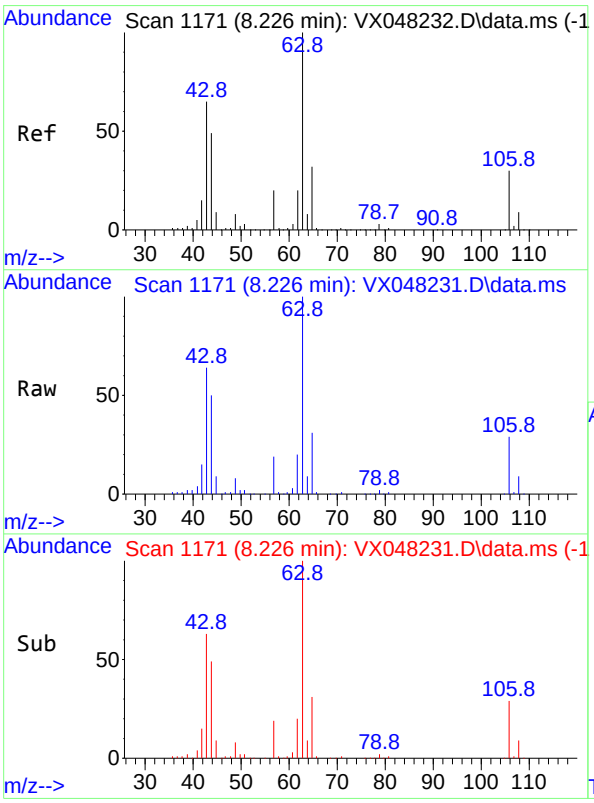
#57
1,3-Dichloropropane
Concen: 21.602 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 47896

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0

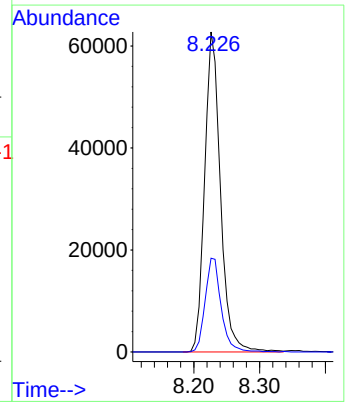


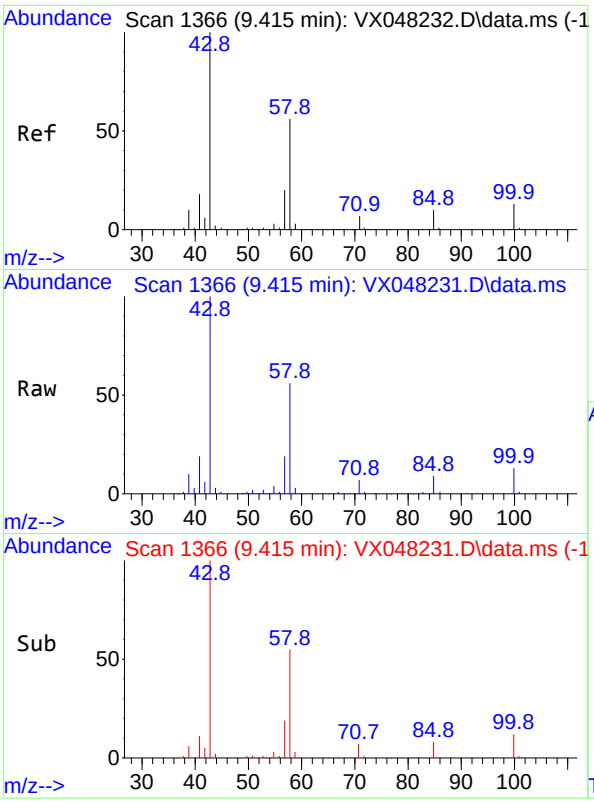


#58
2-Chloroethyl Vinyl ether
Concen: 103.739 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 63 Resp: 104883

Ion	Ratio	Lower	Upper
63	100		
106	29.7	22.2	33.2



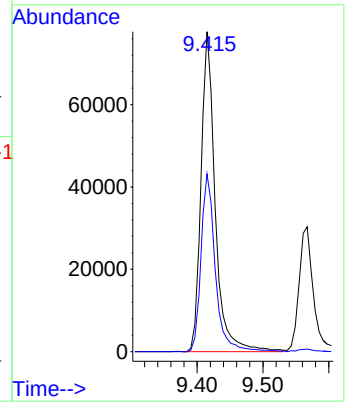


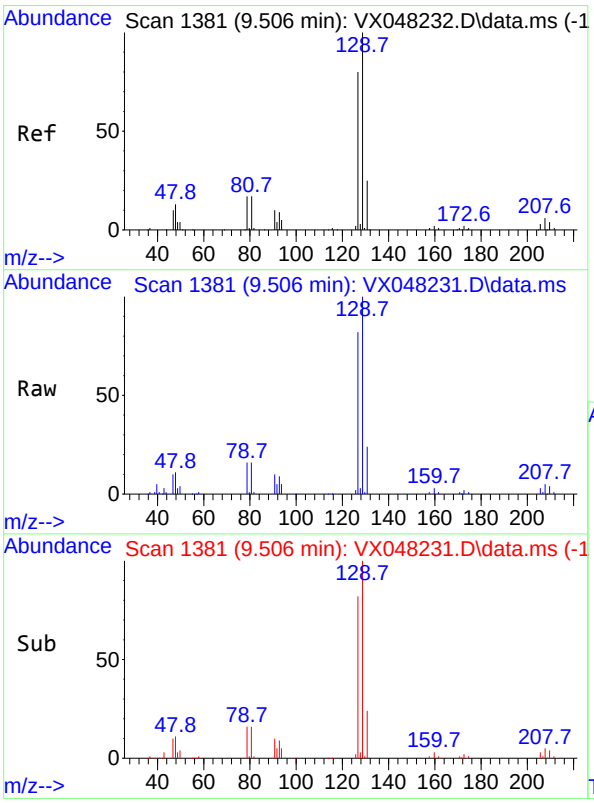
#59
2-Hexanone
Concen: 112.243 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 116268

Ion	Ratio	Lower	Upper
43	100		
58	56.1	26.3	78.8

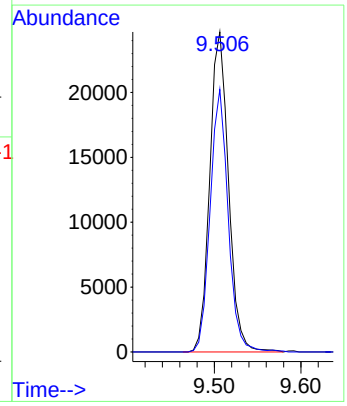


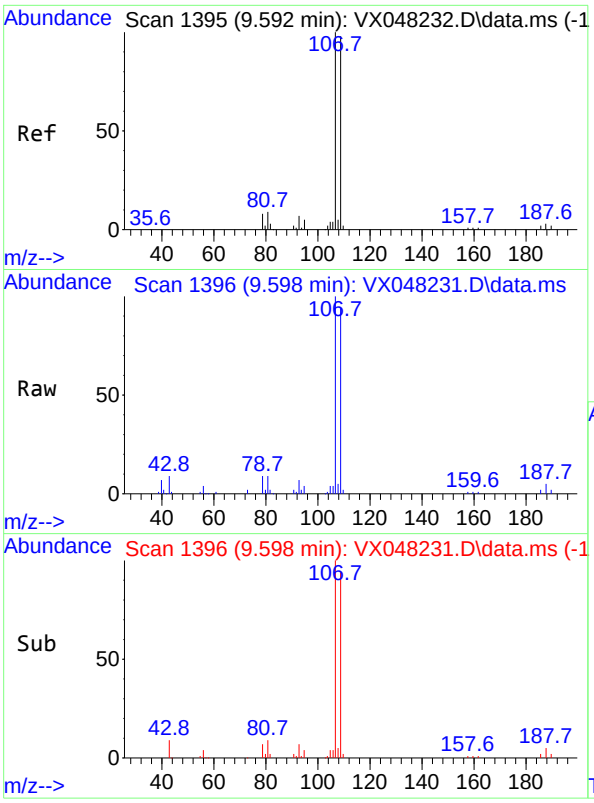


#60
Dibromochloromethane
Concen: 21.281 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:129 Resp: 37127

Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.6	115.7



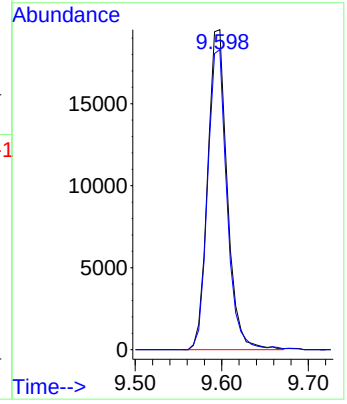


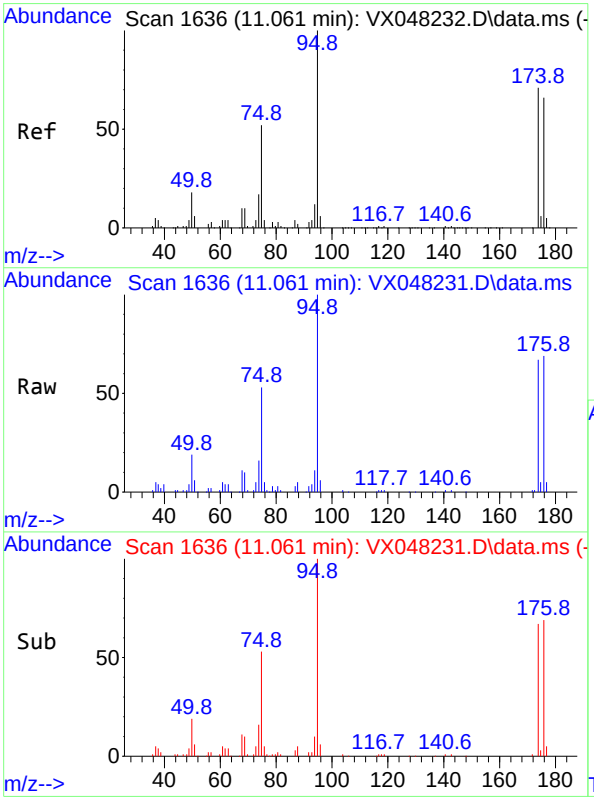
#61
1,2-Dibromoethane
Concen: 22.141 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 30639

Ion	Ratio	Lower	Upper
107	100		
109	92.2	77.0	115.4

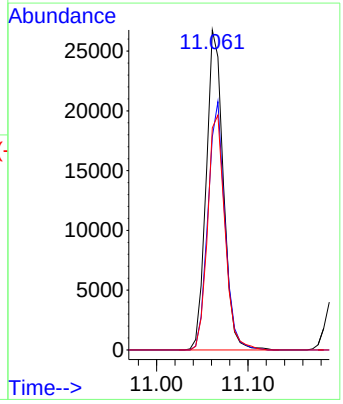


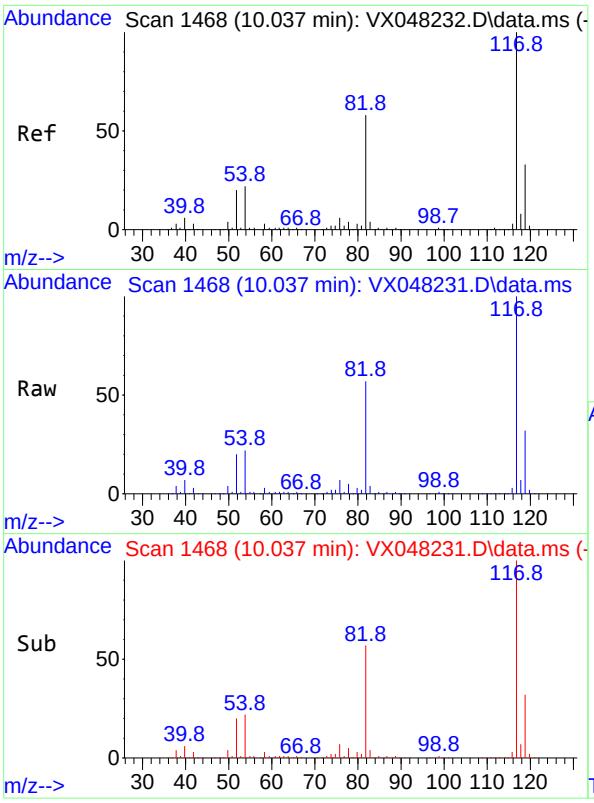


#62
4-Bromofluorobenzene
Concen: 19.558 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 95 Resp: 34724

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	147.8
176	74.3	0.0	142.8



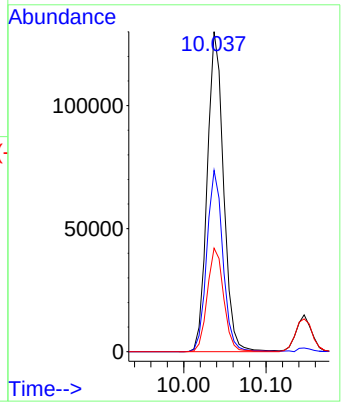


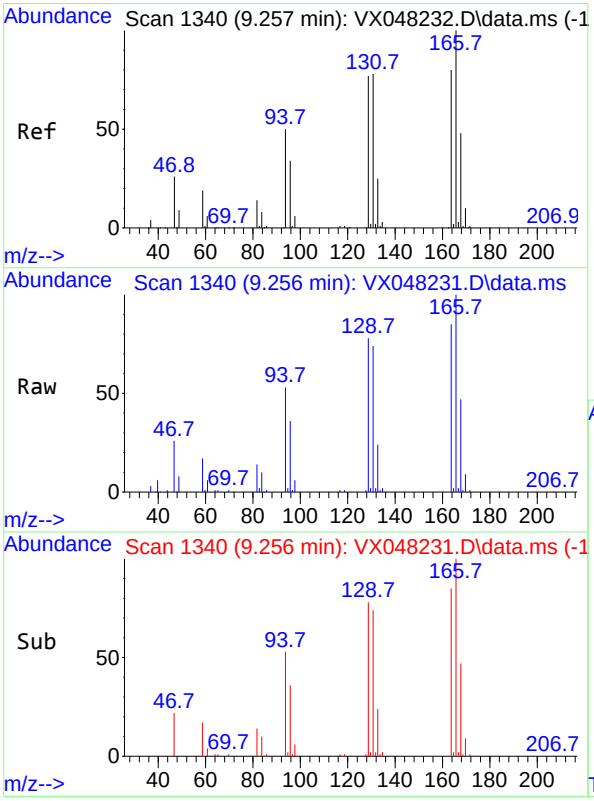
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 178975

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.5	69.7
119	32.4	25.9	38.9

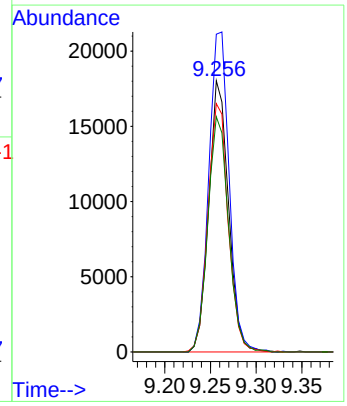


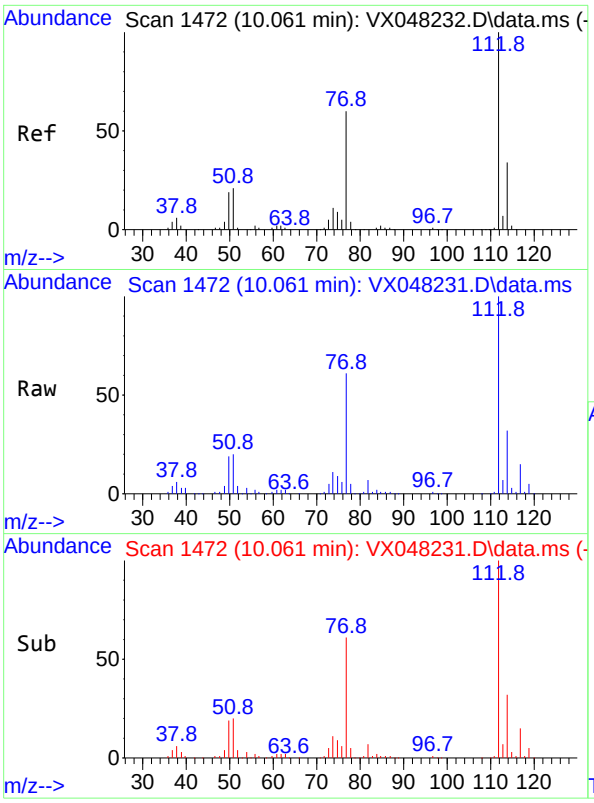


#64
Tetrachloroethene
Concen: 20.240 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:164 Resp: 27043

Ion	Ratio	Lower	Upper
164	100		
166	117.2	104.5	156.7
129	91.6	81.8	122.6
131	86.7	77.0	115.6



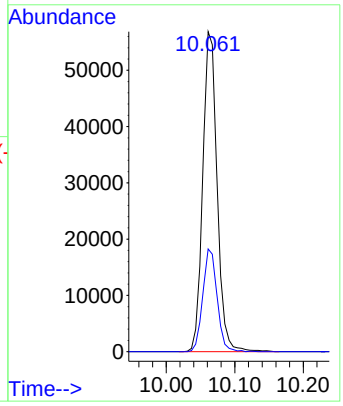


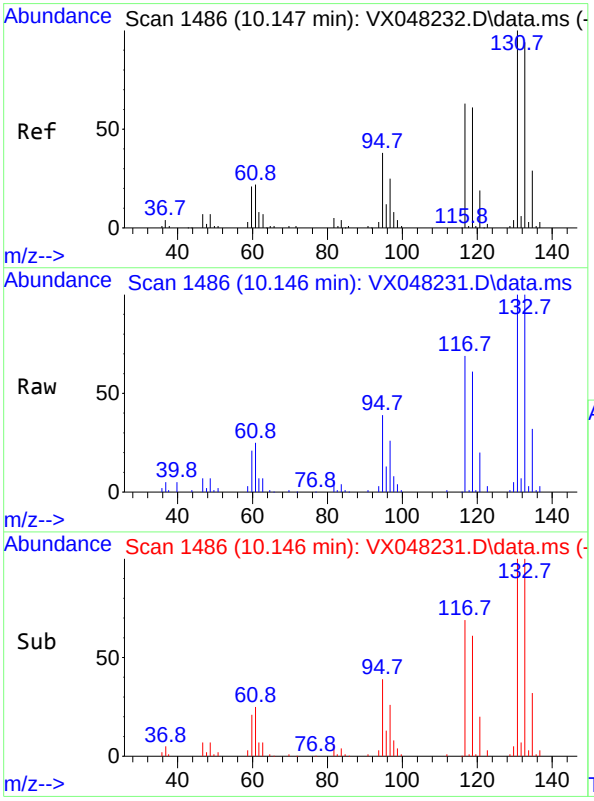
#65
Chlorobenzene
Concen: 20.617 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 83004

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2

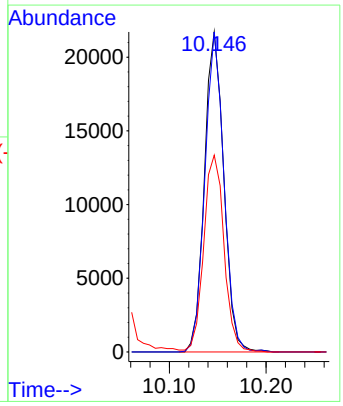


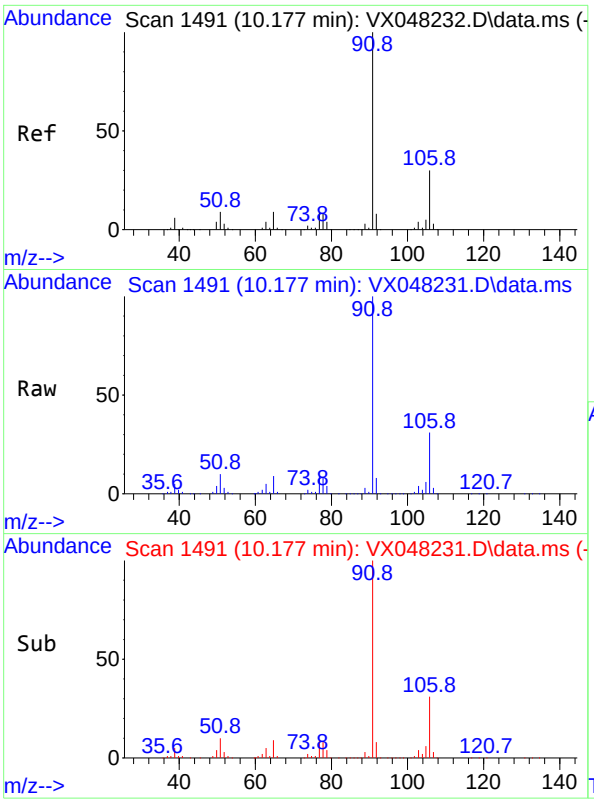


#66
1,1,1,2-Tetrachloroethane
Concen: 20.475 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:131 Resp: 30278

Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.6	142.8
119	64.5	32.5	97.5



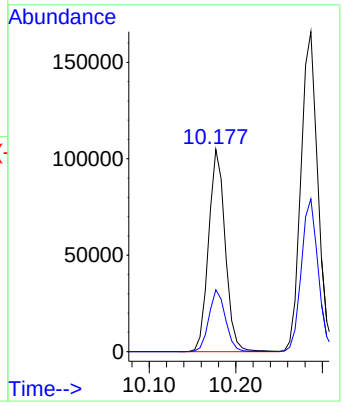


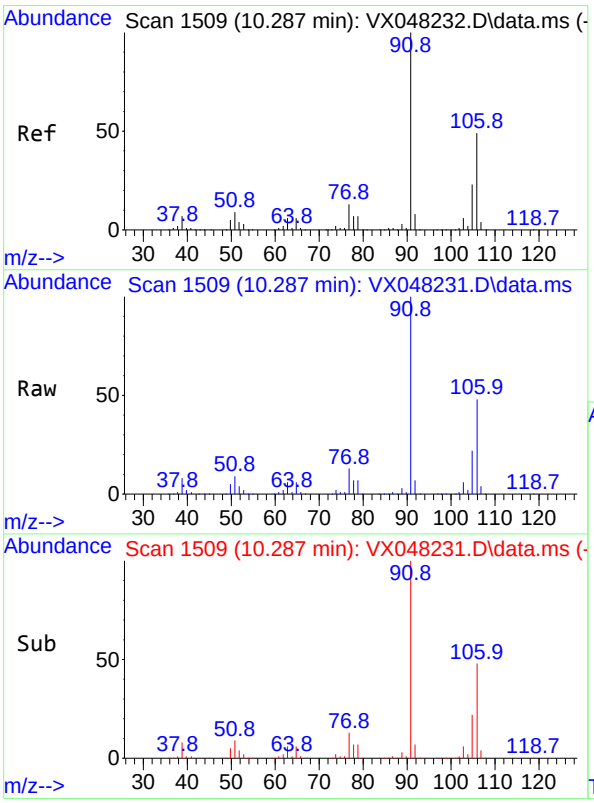
#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 139895

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6

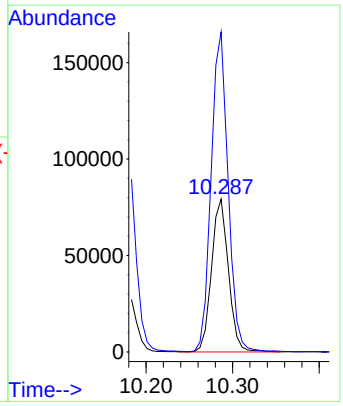


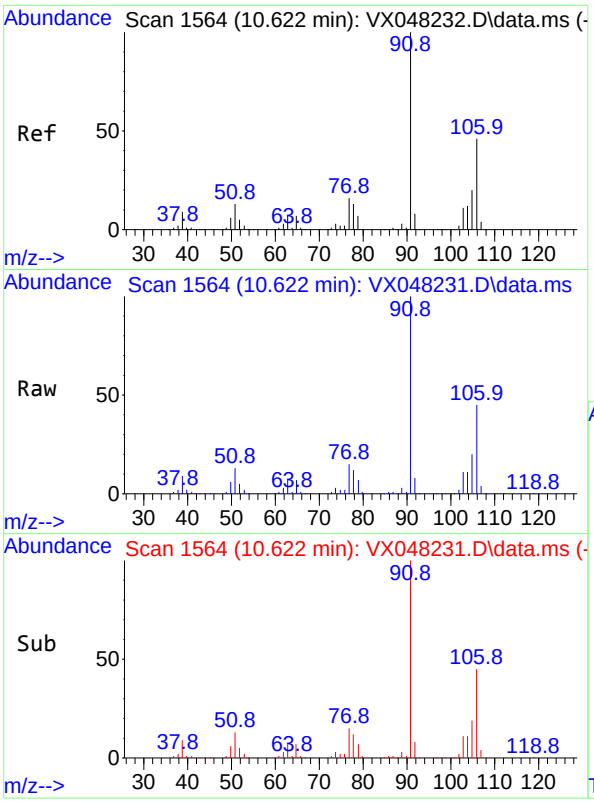


#68
m/p-Xylenes
Concen: 42.161 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:106 Resp: 107377

Ion	Ratio	Lower	Upper
106	100		
91	209.9	167.9	251.9



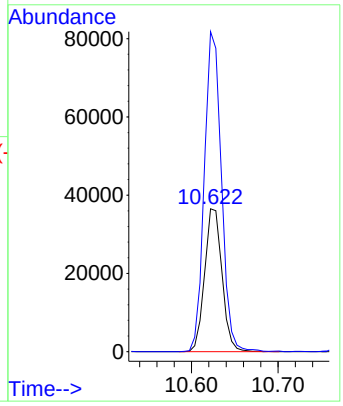


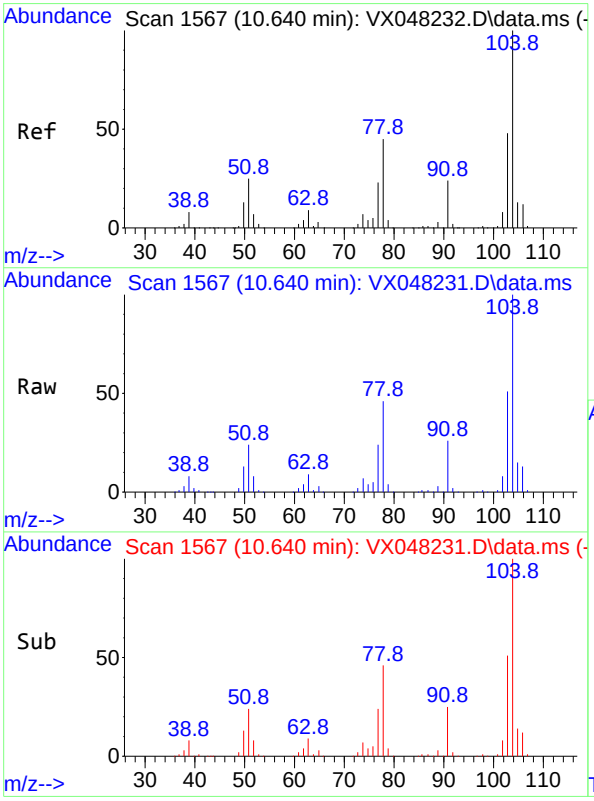
#69
o-Xylene
Concen: 20.721 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 50950

Ion	Ratio	Lower	Upper
106	100		
91	220.1	111.3	333.9

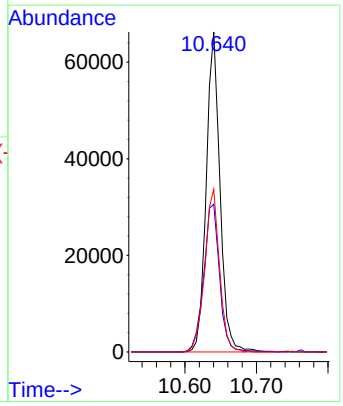


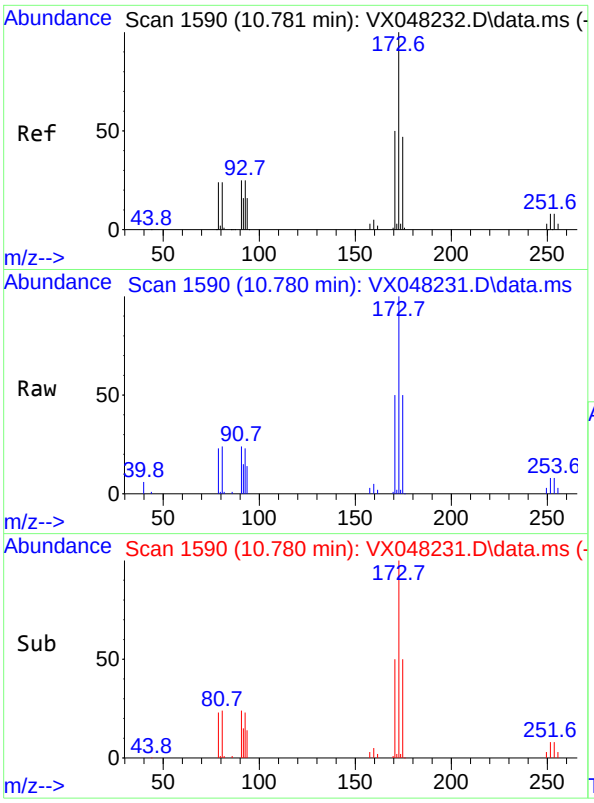


#70
Styrene
Concen: 21.134 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:104 Resp: 88481

Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.2	63.4
103	54.7	43.0	64.4



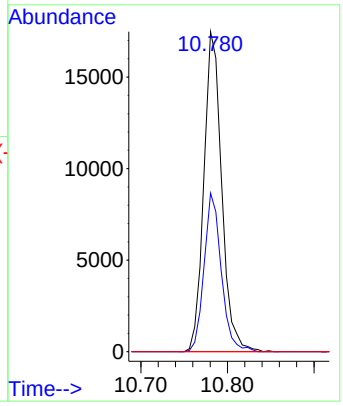


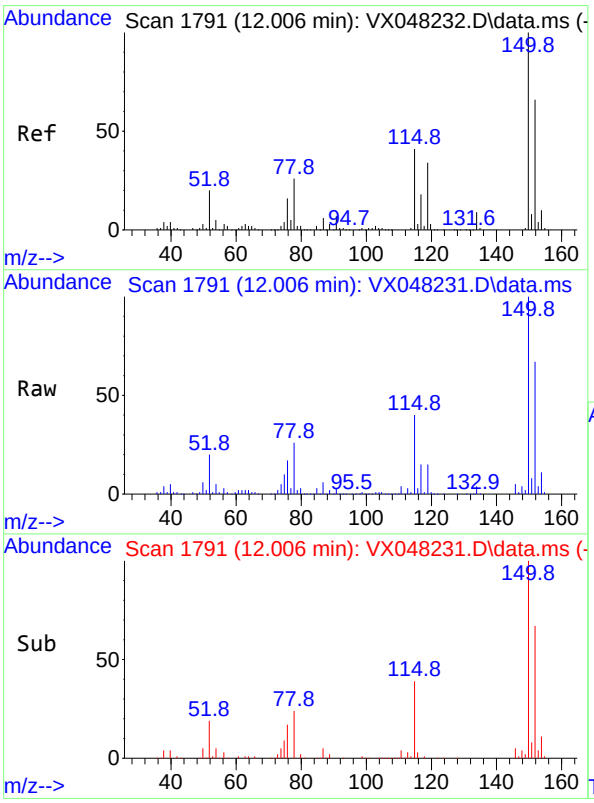
#71
Bromoform
Concen: 21.175 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 25027

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0

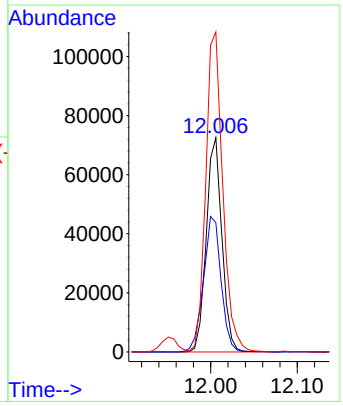


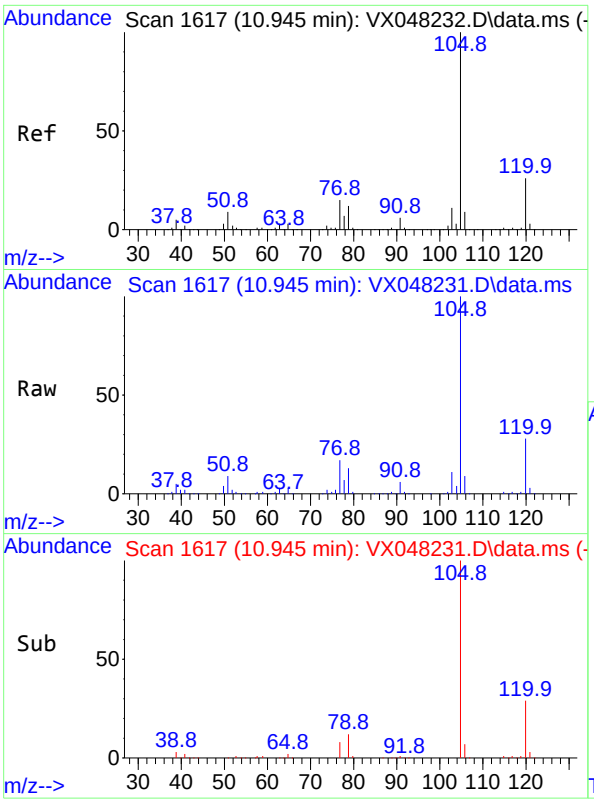


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:152 Resp: 90972

Ion	Ratio	Lower	Upper
152	100		
115	71.1	43.1	129.4
150	161.6	0.0	353.0



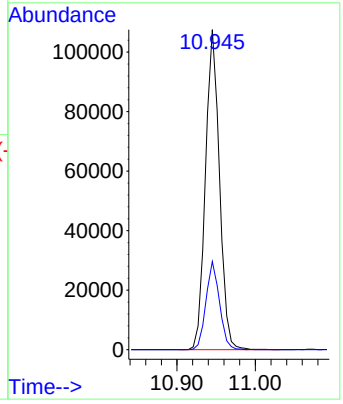


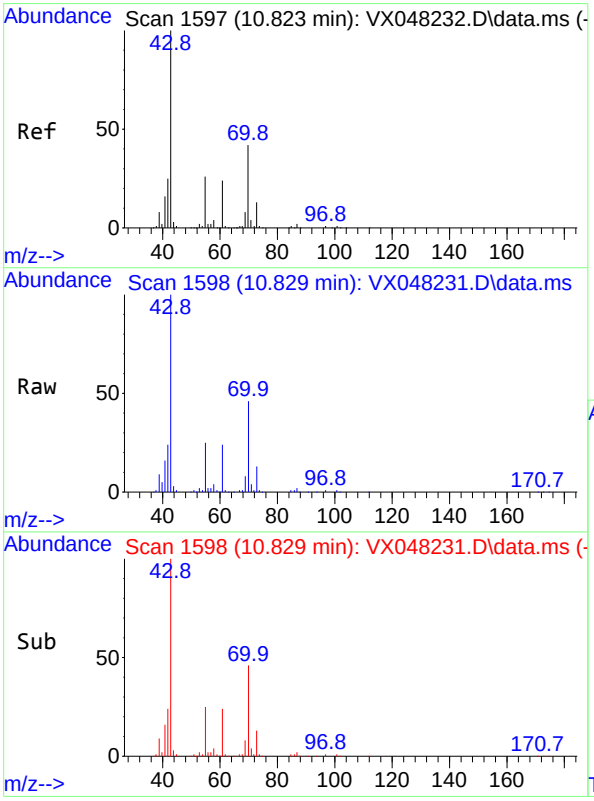
#73
Isopropylbenzene
Concen: 20.021 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 133034

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9

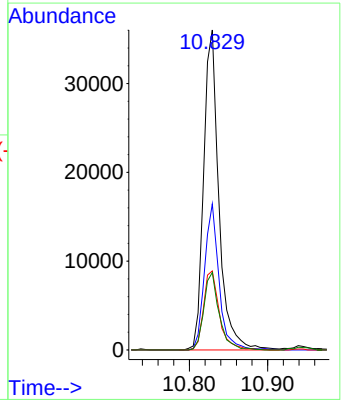


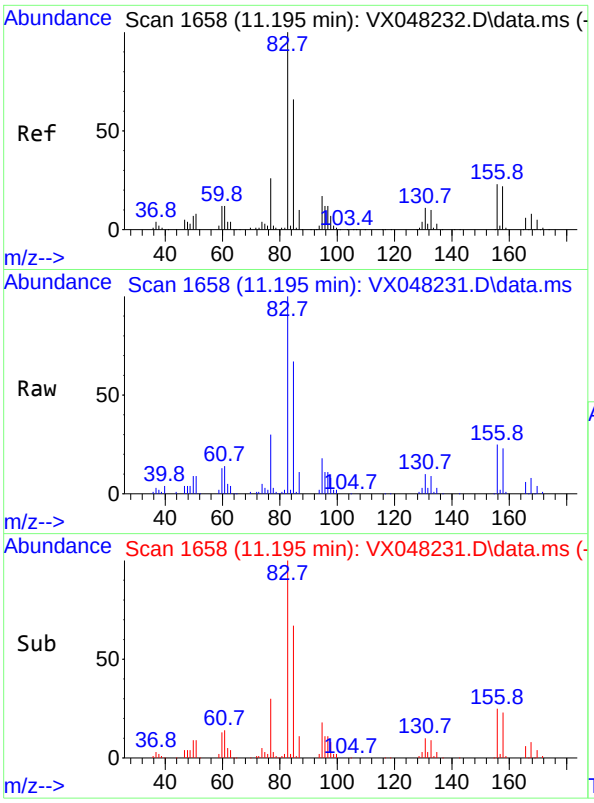


#74
N-amyl acetate
Concen: 20.674 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 43 Resp: 48726

Ion	Ratio	Lower	Upper
43	100		
70	43.4	32.2	48.2
55	25.5	19.1	28.7
61	24.3	18.6	28.0



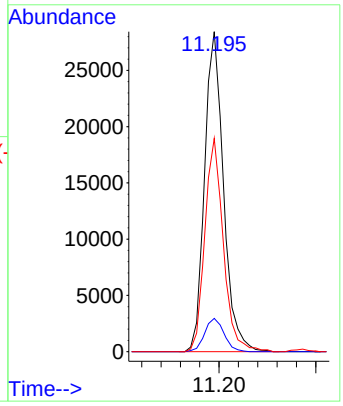


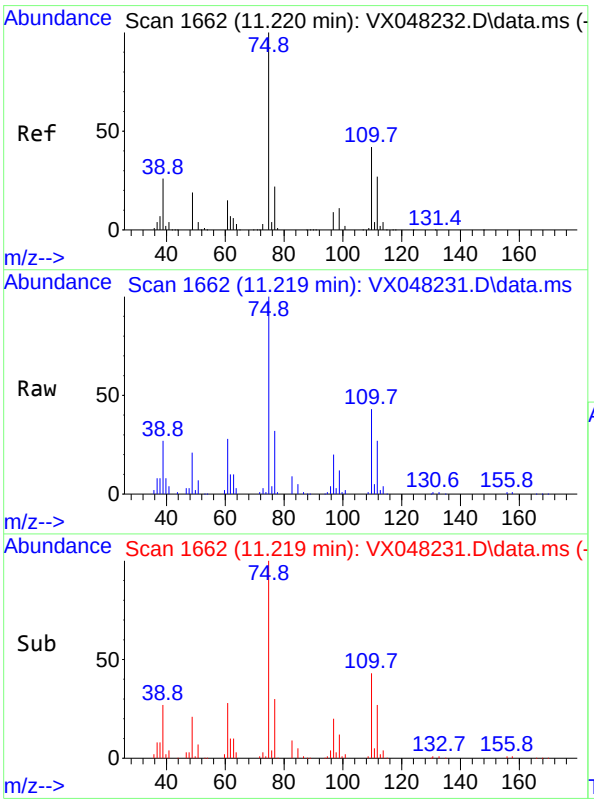
#75
1,1,2,2-Tetrachloroethane
Concen: 21.354 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 38748

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	65.2	31.9	95.7

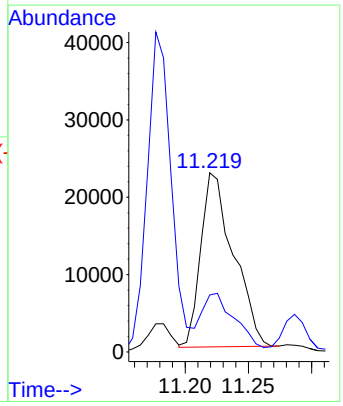


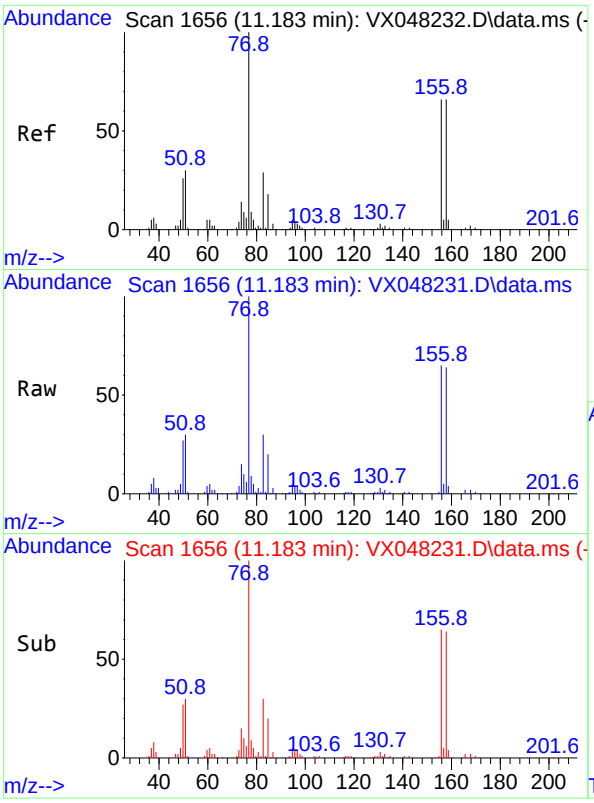


#76
1,2,3-Trichloropropane
Concen: 27.501 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 40571

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.4	67.2



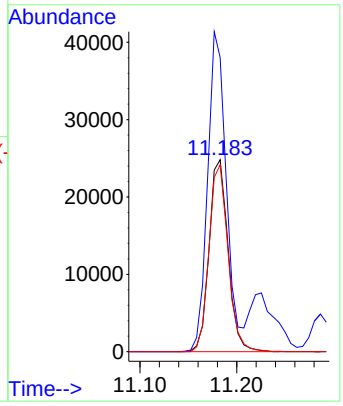


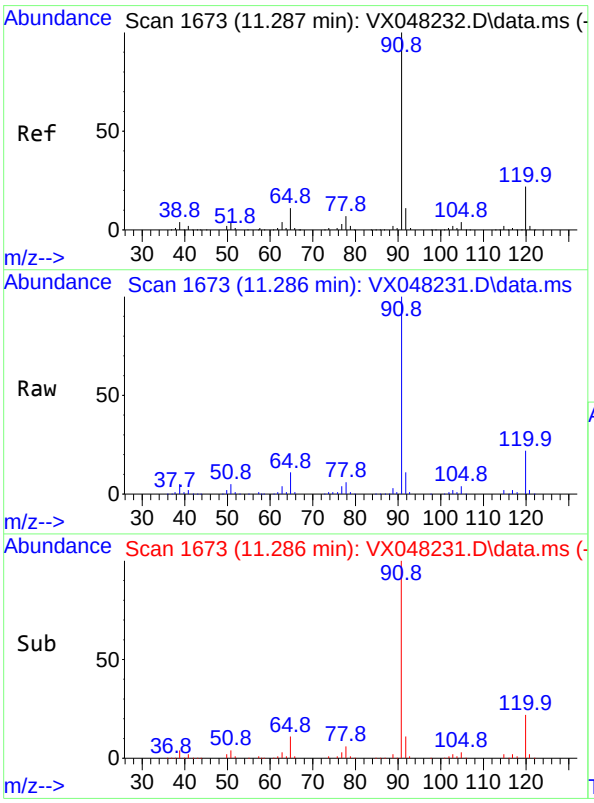
#77
Bromobenzene
Concen: 20.313 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 33843

Ion	Ratio	Lower	Upper
156	100		
77	164.0	87.0	261.0
158	97.7	47.8	143.4

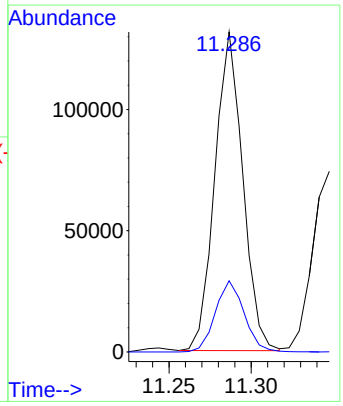


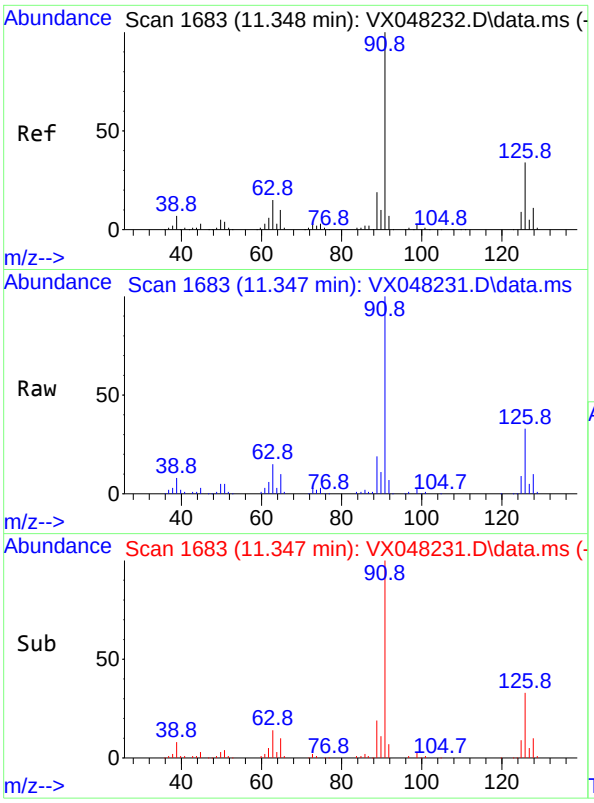


#78
n-propylbenzene
Concen: 20.126 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 154839

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1



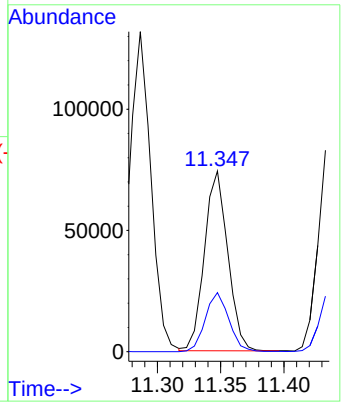


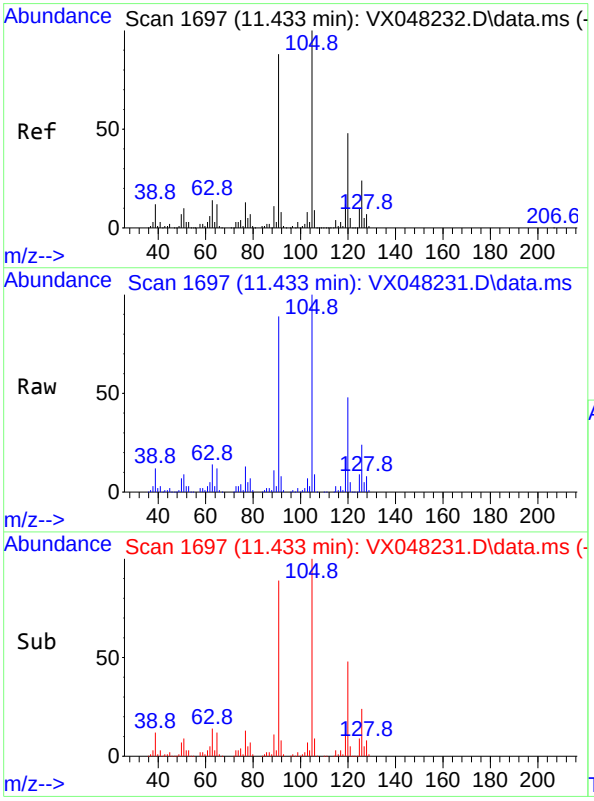
#79
2-Chlorotoluene
Concen: 20.401 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 95156

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4

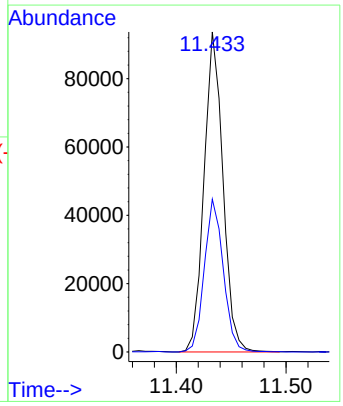


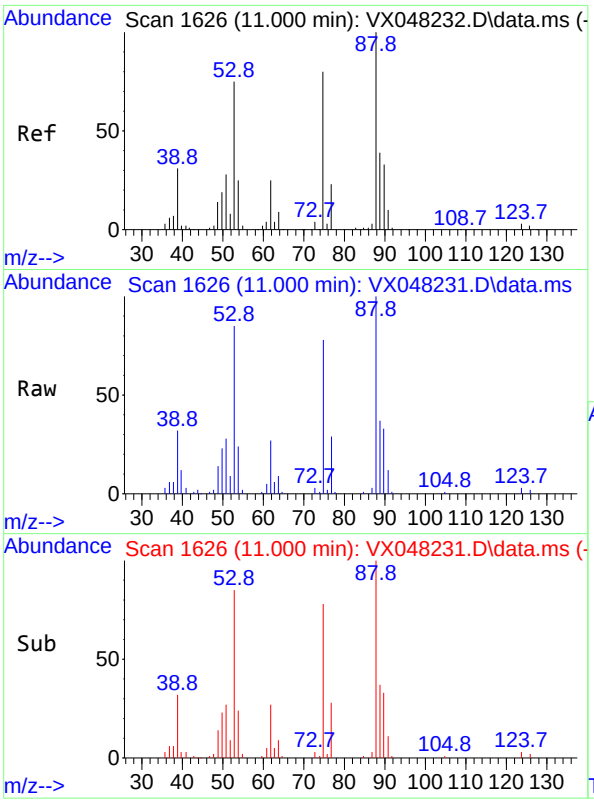


#80
1,3,5-Trimethylbenzene
Concen: 20.379 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 112057

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.0	72.0



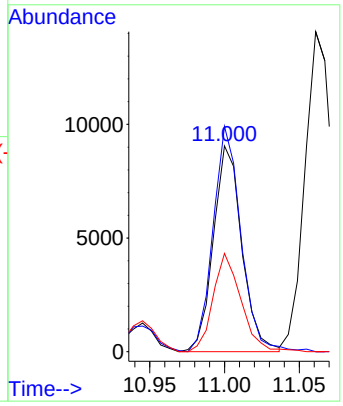


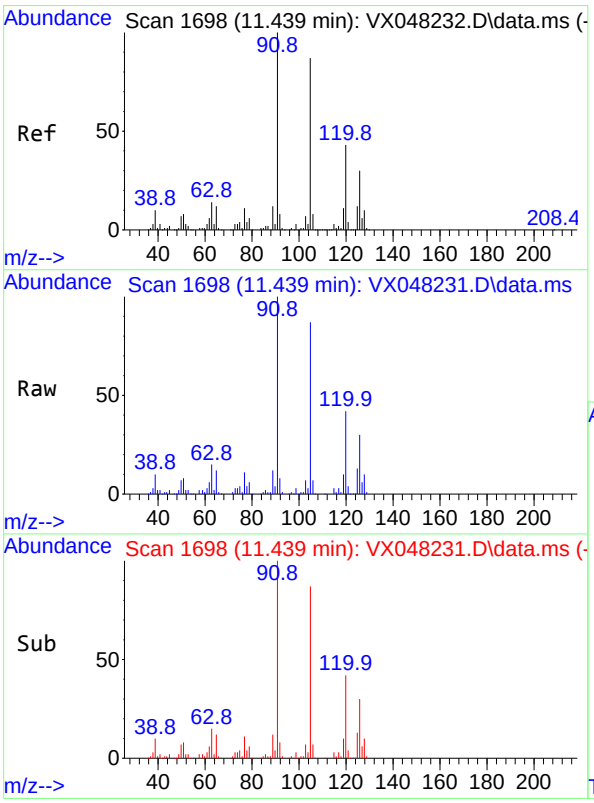
#81
trans-1,4-Dichloro-2-butene
Concen: 19.791 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 12001

Ion	Ratio	Lower	Upper
75	100		
53	107.3	79.5	119.3
89	46.9	36.8	55.2

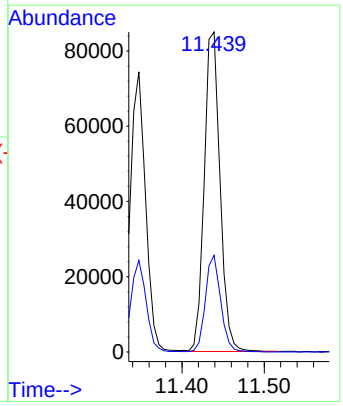


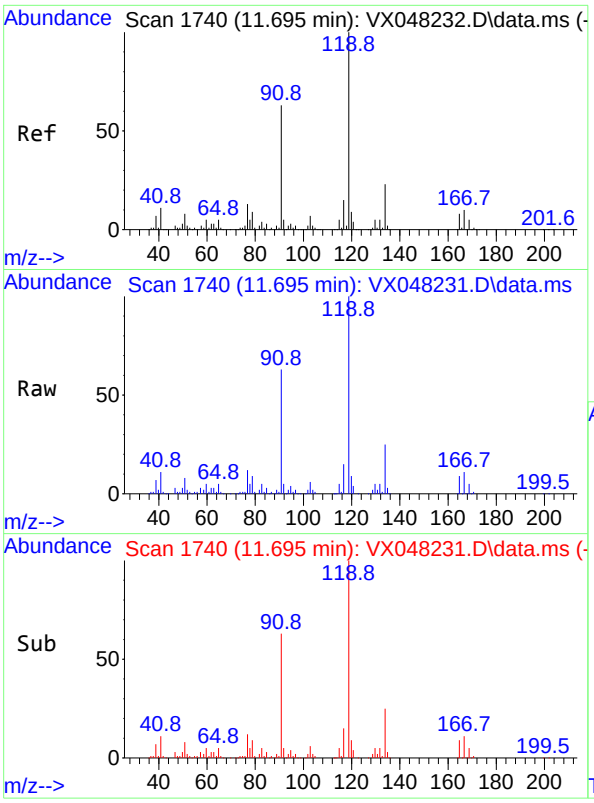


#82
4-Chlorotoluene
Concen: 20.498 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 91 Resp: 113495

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.1	42.4



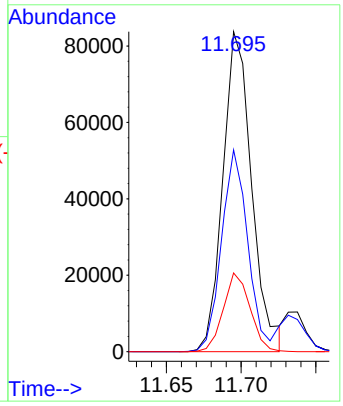


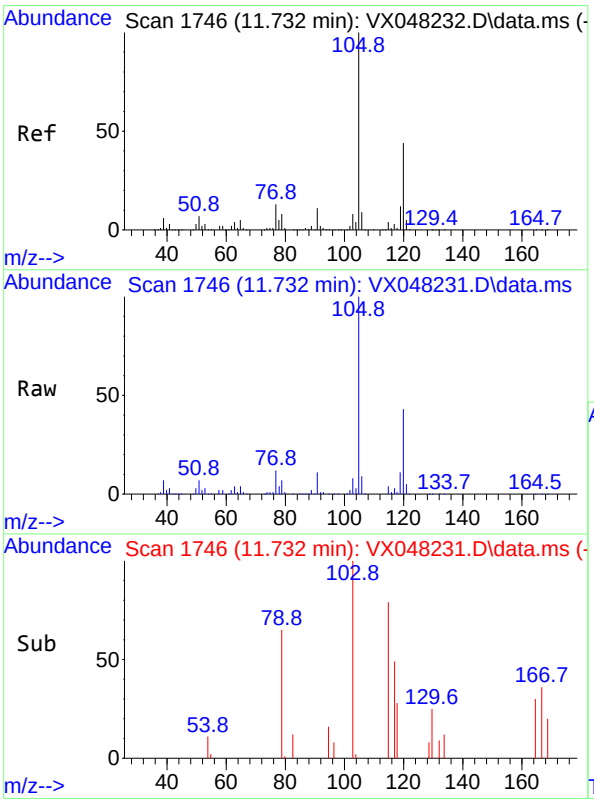
#83
tert-Butylbenzene
Concen: 19.878 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 112305

Ion	Ratio	Lower	Upper
119	100		
91	57.4	30.3	91.0
134	22.8	11.4	34.2

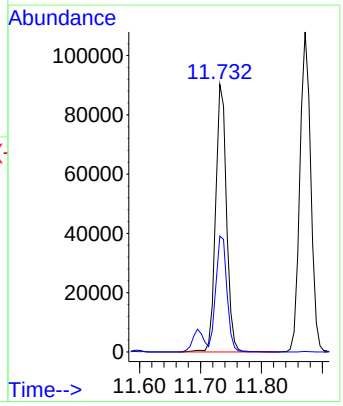


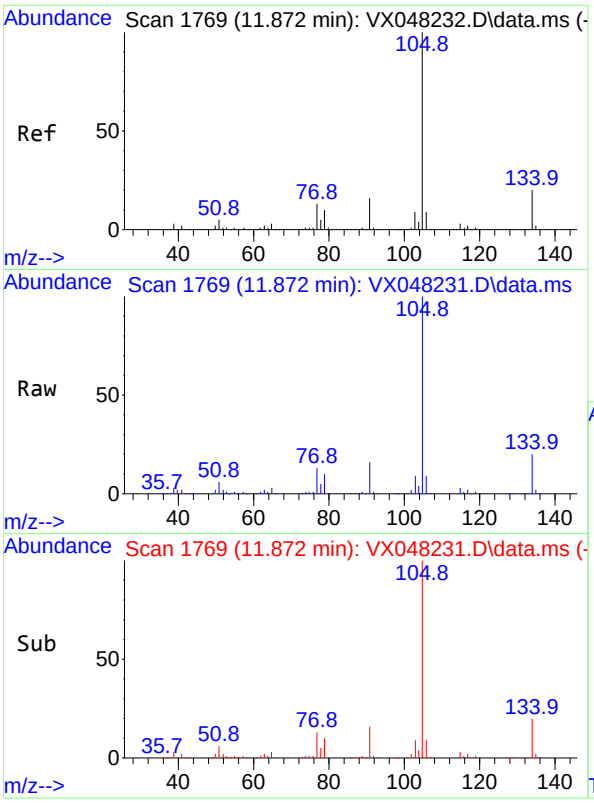


#84
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:105 Resp: 111976

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5



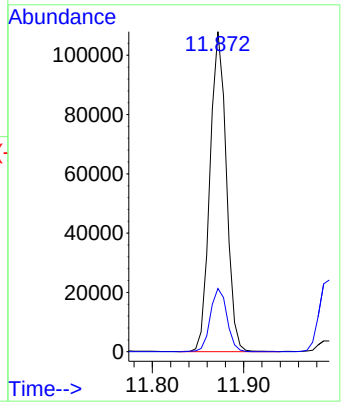


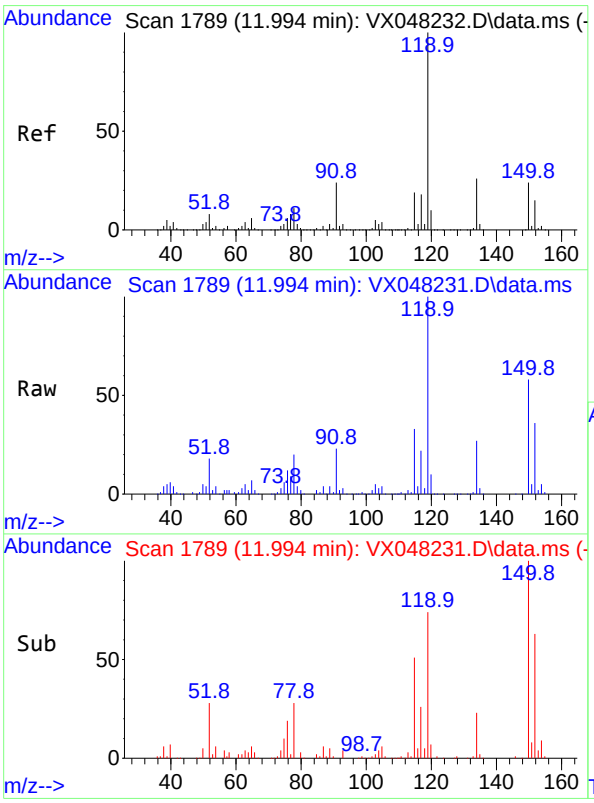
#85
sec-Butylbenzene
Concen: 19.716 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 134014

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1

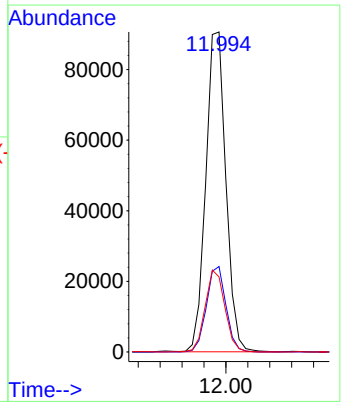


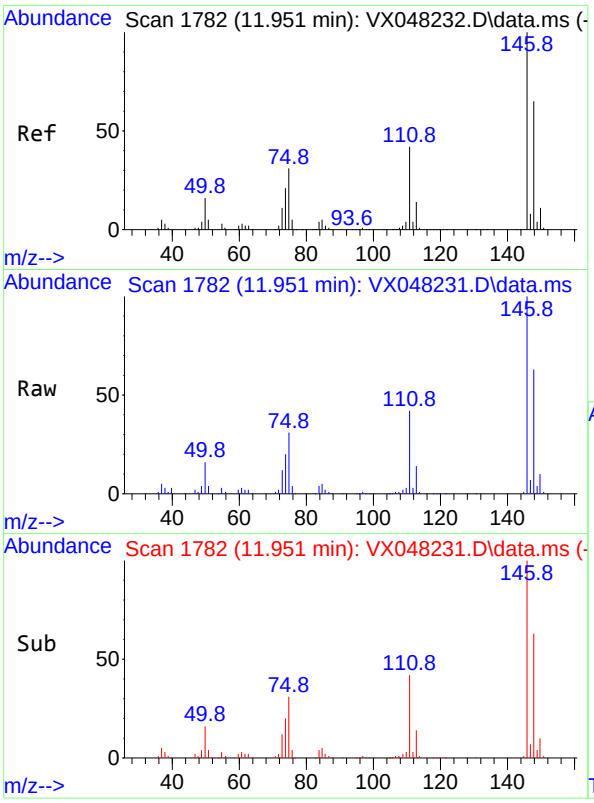


#86
p-Isopropyltoluene
Concen: 19.568 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:119 Resp: 114969

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	25.1	12.1	36.3



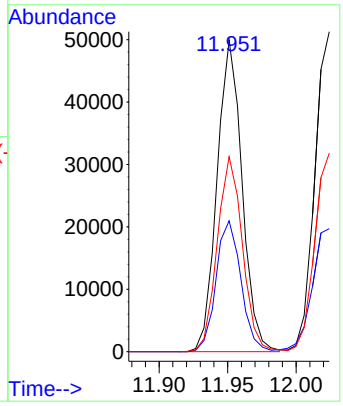


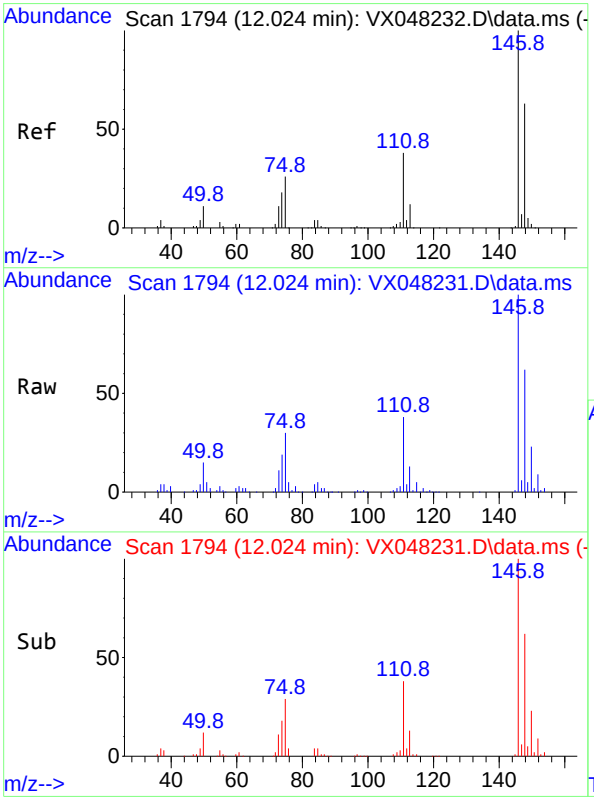
#87
1,3-Dichlorobenzene
Concen: 20.178 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 63377

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.1	31.9	95.9

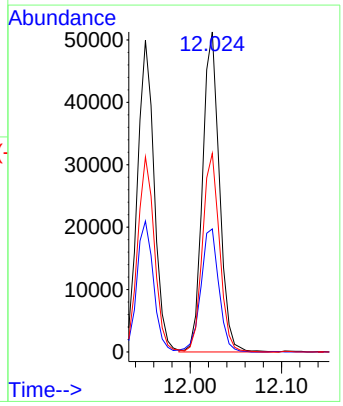


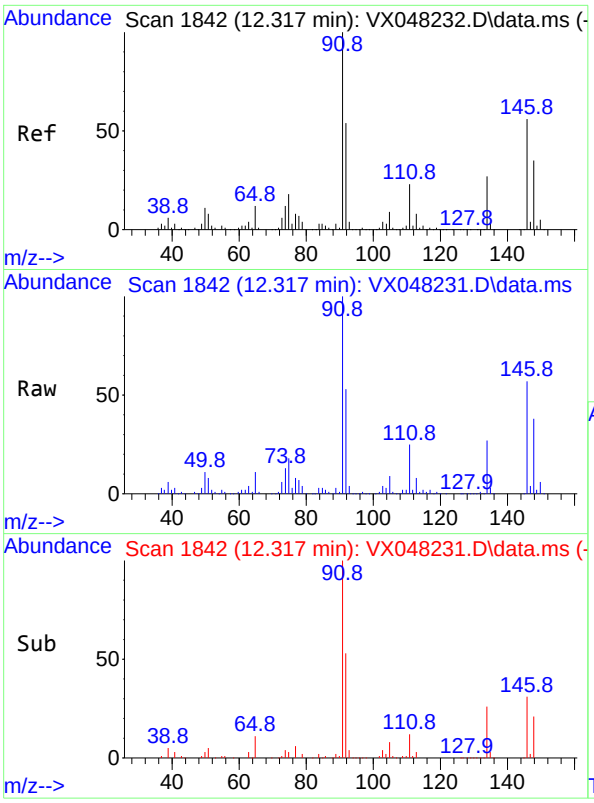


#88
1,4-Dichlorobenzene
Concen: 20.165 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:146 Resp: 65612

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	62.6	31.8	95.3



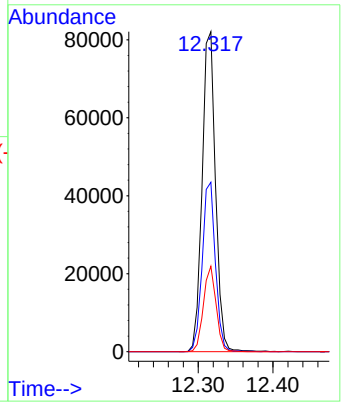


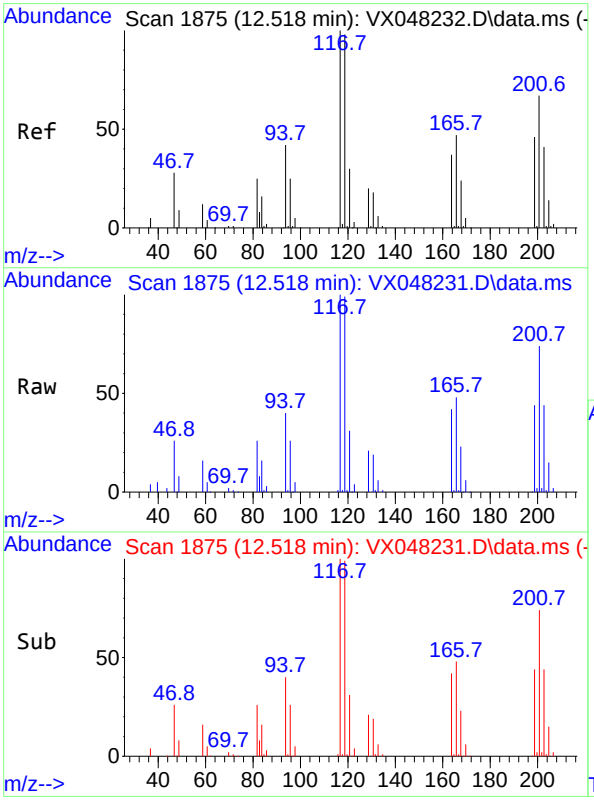
#89
n-Butylbenzene
Concen: 19.100 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 102140

Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	25.2	12.7	38.1

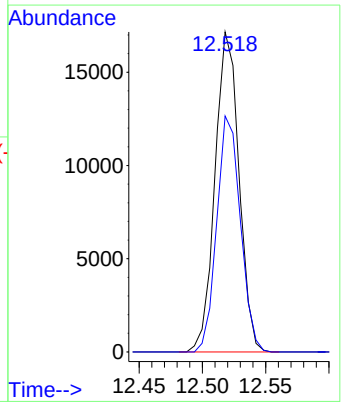


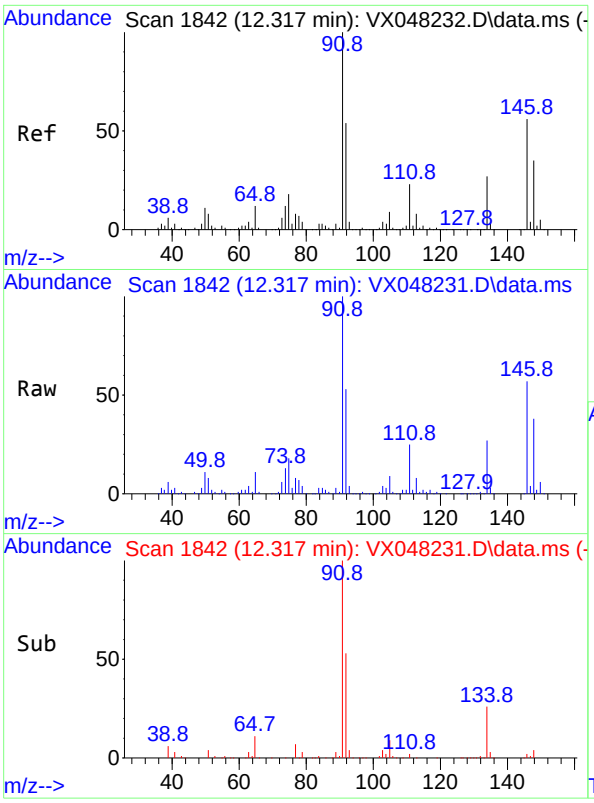


#90
Hexachloroethane
Concen: 19.487 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:117 Resp: 22609

Ion	Ratio	Lower	Upper
117	100		
201	72.6	34.1	102.2



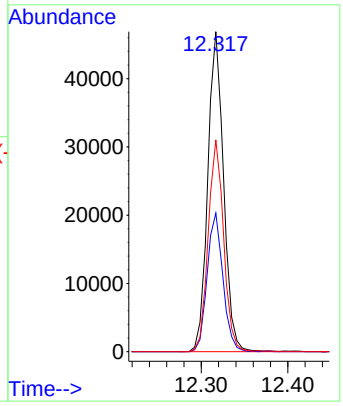


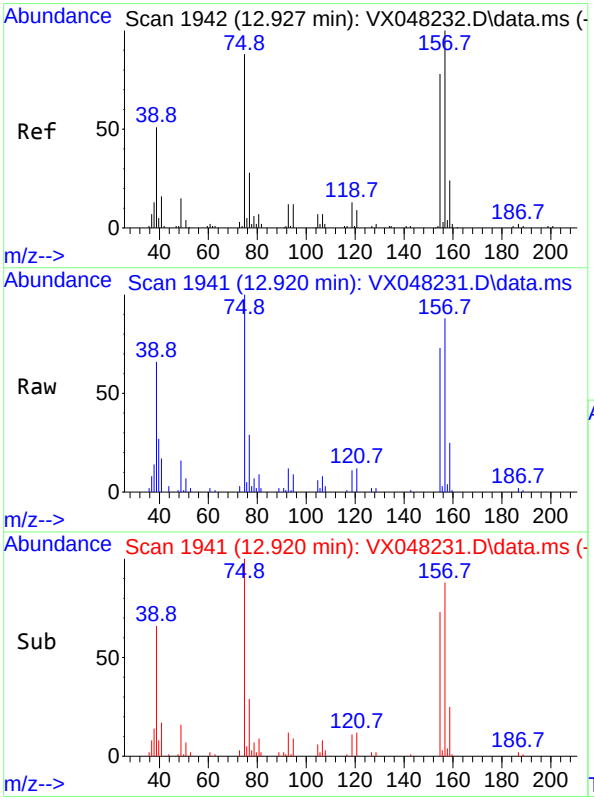
#91
1,2-Dichlorobenzene
Concen: 20.125 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 59345

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.9	65.5
148	64.9	31.9	95.5

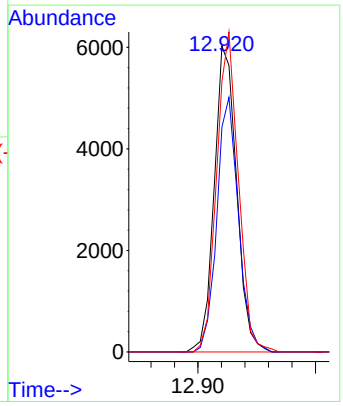


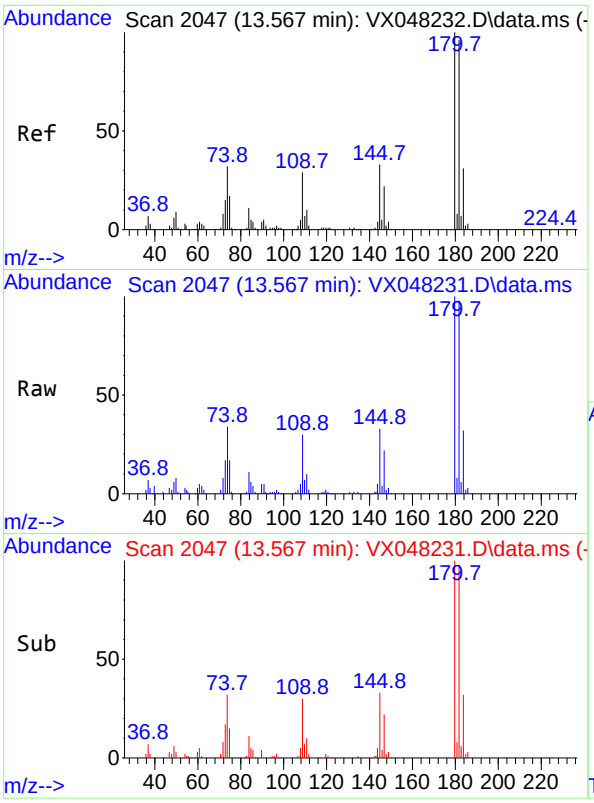


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.674 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion: 75 Resp: 7983

Ion	Ratio	Lower	Upper
75	100		
155	80.3	42.8	128.4
157	101.4	54.2	162.6



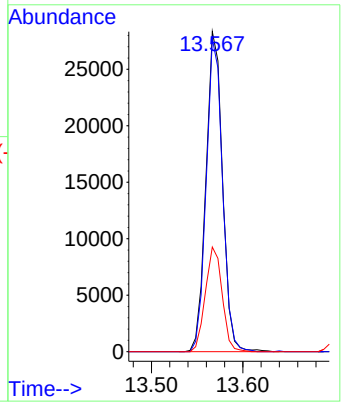


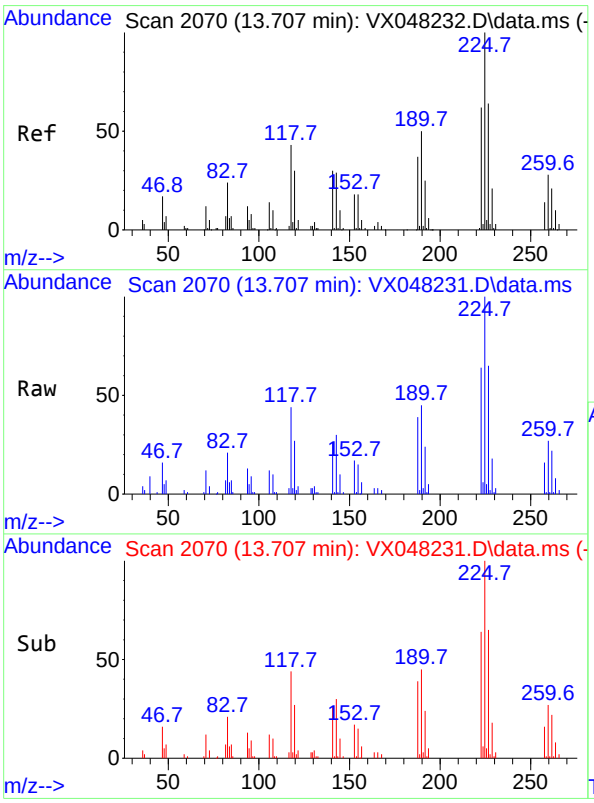
#93
1,2,4-Trichlorobenzene
Concen: 17.784 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 35465

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	33.2	16.3	48.9

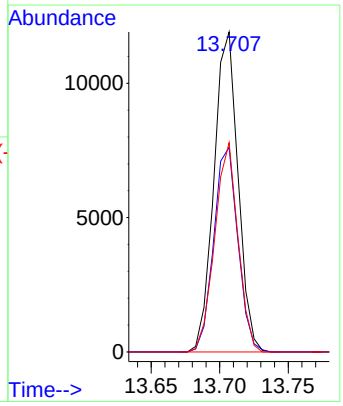


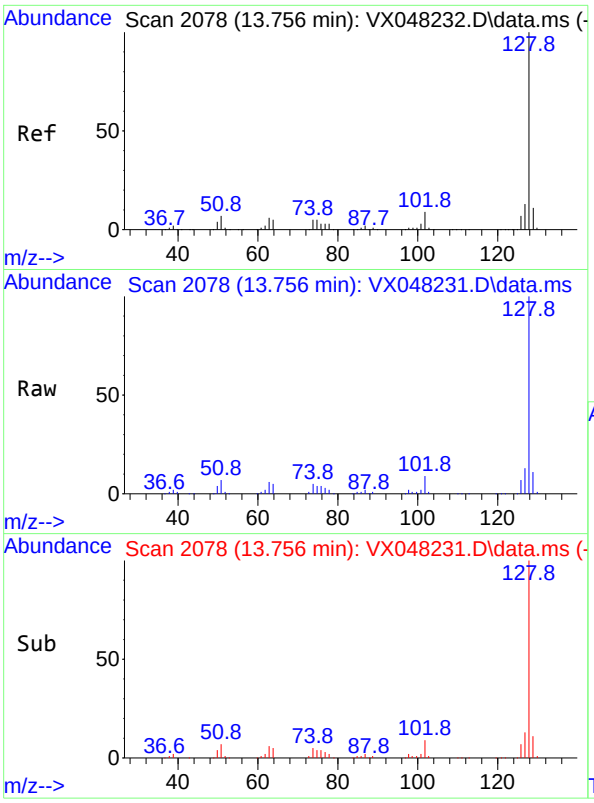


#94
Hexachlorobutadiene
Concen: 19.483 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:225 Resp: 14529

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.6	97.7
227	63.2	32.5	97.4



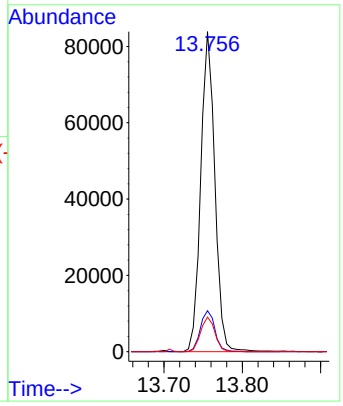


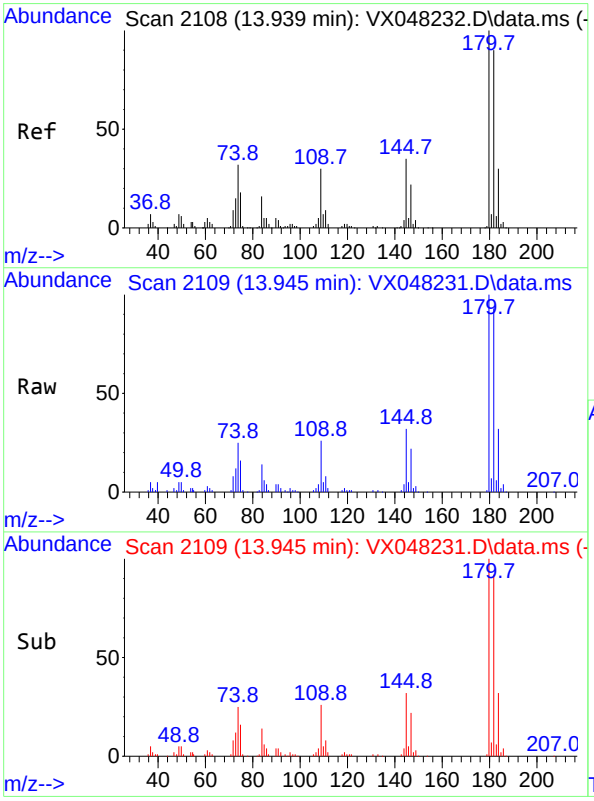
#95
Naphthalene
Concen: 19.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 104803

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.6	12.8

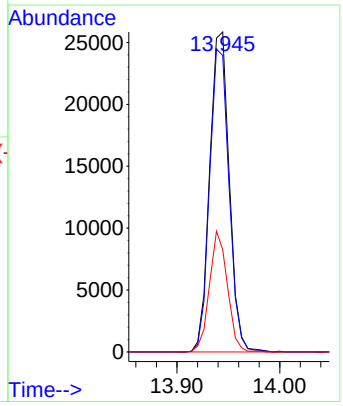




#96
1,2,3-Trichlorobenzene
Concen: 18.730 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048231.D
Acq: 20 Oct 2025 11:40

Tgt Ion:180 Resp: 34276

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.7
145	34.6	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	124491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	201906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	184494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	92693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84951	48.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.340%			
35) Dibromofluoromethane	5.379	113	66593	48.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	8.635	98	239295	49.529	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.061	95	89579	48.737	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	60172	47.017	ug/l	98
3) Chloromethane	1.301	50	55934	46.824	ug/l	100
4) Vinyl Chloride	1.380	62	51819	46.845	ug/l	99
5) Bromomethane	1.618	94	35101	46.757	ug/l	98
6) Chloroethane	1.697	64	30718	47.258	ug/l	95
7) Trichlorofluoromethane	1.898	101	100423	47.336	ug/l	99
8) Diethyl Ether	2.136	74	27723	46.442	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	62391	46.442	ug/l	95
10) Methyl Iodide	2.459	142	82552	48.881	ug/l	99
11) Tert butyl alcohol	2.947	59	38534	222.353	ug/l	99
12) 1,1-Dichloroethene	2.325	96	60330	46.160	ug/l	94
13) Acrolein	2.239	56	40536	229.343	ug/l	100
14) Allyl chloride	2.666	41	100234	46.192	ug/l	97
15) Acrylonitrile	3.056	53	149009	238.450	ug/l	100
16) Acetone	2.374	43	126003	210.429	ug/l	100
17) Carbon Disulfide	2.514	76	179492	43.575	ug/l	99
18) Methyl Acetate	2.703	43	58071	46.437	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	212092	47.567	ug/l	96
20) Methylene Chloride	2.788	84	68663	47.061	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	66608	46.395	ug/l	96
22) Diisopropyl ether	3.757	45	206901	47.805	ug/l	91
23) Vinyl Acetate	3.715	43	839370	242.786	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121657	46.487	ug/l	99
25) 2-Butanone	4.544	43	175075	230.996	ug/l	93
26) 2,2-Dichloropropane	4.471	77	109062	46.171	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77911	46.500	ug/l	98
28) Bromochloromethane	4.885	49	54919	50.611	ug/l	85
29) Tetrahydrofuran	4.989	42	106381	234.362	ug/l	93
30) Chloroform	5.087	83	130274	46.594	ug/l	96
31) Cyclohexane	5.465	56	102251	47.194	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	121090	46.992	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87493	44.659	ug/l	98
37) Ethyl Acetate	4.702	43	74261	45.730	ug/l	97
38) Carbon Tetrachloride	5.666	117	111708	46.216	ug/l	98
39) Methylcyclohexane	7.367	83	109077	47.143	ug/l	94
40) Benzene	6.025	78	262745	46.192	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	41293	48.421	ug/l		96
42) 1,2-Dichloroethane	6.074	62	100937	48.090	ug/l		99
43) Isopropyl Acetate	6.324	43	128290	48.095	ug/l		96
44) Trichloroethene	7.111	130	70313	46.815	ug/l		98
45) 1,2-Dichloropropane	7.415	63	64895	47.986	ug/l		99
46) Dibromomethane	7.568	93	49874	47.337	ug/l		94
47) Bromodichloromethane	7.806	83	108671	47.770	ug/l		97
48) Methyl methacrylate	7.678	41	65057	48.334	ug/l		94
49) 1,4-Dioxane	7.647	88	17905	1006.888	ug/l		90
51) 4-Methyl-2-Pentanone	8.555	43	380665	247.515	ug/l		95
52) Toluene	8.702	92	173942	48.136	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	109960	50.159	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	115534	48.847	ug/l		93
55) 1,1,2-Trichloroethane	9.135	97	64737	48.174	ug/l		96
56) Ethyl methacrylate	9.104	69	98851	50.292	ug/l		94
57) 1,3-Dichloropropane	9.293	76	110709	48.231	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	262387	248.279	ug/l		95
59) 2-Hexanone	9.415	43	269143	250.974	ug/l		96
60) Dibromochloromethane	9.506	129	85760	47.482	ug/l		98
61) 1,2-Dibromoethane	9.592	107	69022	48.180	ug/l		99
64) Tetrachloroethene	9.257	164	60510	43.934	ug/l		96
65) Chlorobenzene	10.061	112	192841	46.465	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	71930	47.187	ug/l		98
67) Ethyl Benzene	10.177	91	336660	47.645	ug/l		99
68) m/p-Xylenes	10.287	106	253662	96.619	ug/l		100
69) o-Xylene	10.622	106	122582	48.363	ug/l		98
70) Styrene	10.640	104	210861	48.857	ug/l		100
71) Bromoform	10.781	173	56874	46.682	ug/l	#	100
73) Isopropylbenzene	10.945	105	317974	46.966	ug/l		100
74) N-amyl acetate	10.823	43	115683	48.171	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	87705	47.437	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	99387	66.118	ug/l		79
77) Bromobenzene	11.183	156	79543	46.856	ug/l		94
78) n-propylbenzene	11.287	91	372312	47.496	ug/l		98
79) 2-Chlorotoluene	11.348	91	222217	46.757	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	265174	47.329	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	29295	47.415	ug/l		98
82) 4-Chlorotoluene	11.439	91	267236	47.367	ug/l		98
83) tert-Butylbenzene	11.695	119	270202	46.938	ug/l		96
84) 1,2,4-Trimethylbenzene	11.732	105	265485	47.480	ug/l		99
85) sec-Butylbenzene	11.872	105	322219	46.524	ug/l		100
86) p-Isopropyltoluene	11.994	119	276821	46.242	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	143699	44.902	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	146196	44.097	ug/l		99
89) n-Butylbenzene	12.317	91	243063	44.609	ug/l		99
90) Hexachloroethane	12.518	117	52735	44.609	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	138489	46.091	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	18059	48.120	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	88920	43.761	ug/l		99
94) Hexachlorobutadiene	13.707	225	34615	45.467	ug/l		97
95) Naphthalene	13.756	128	257281	47.792	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	84279	45.200	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

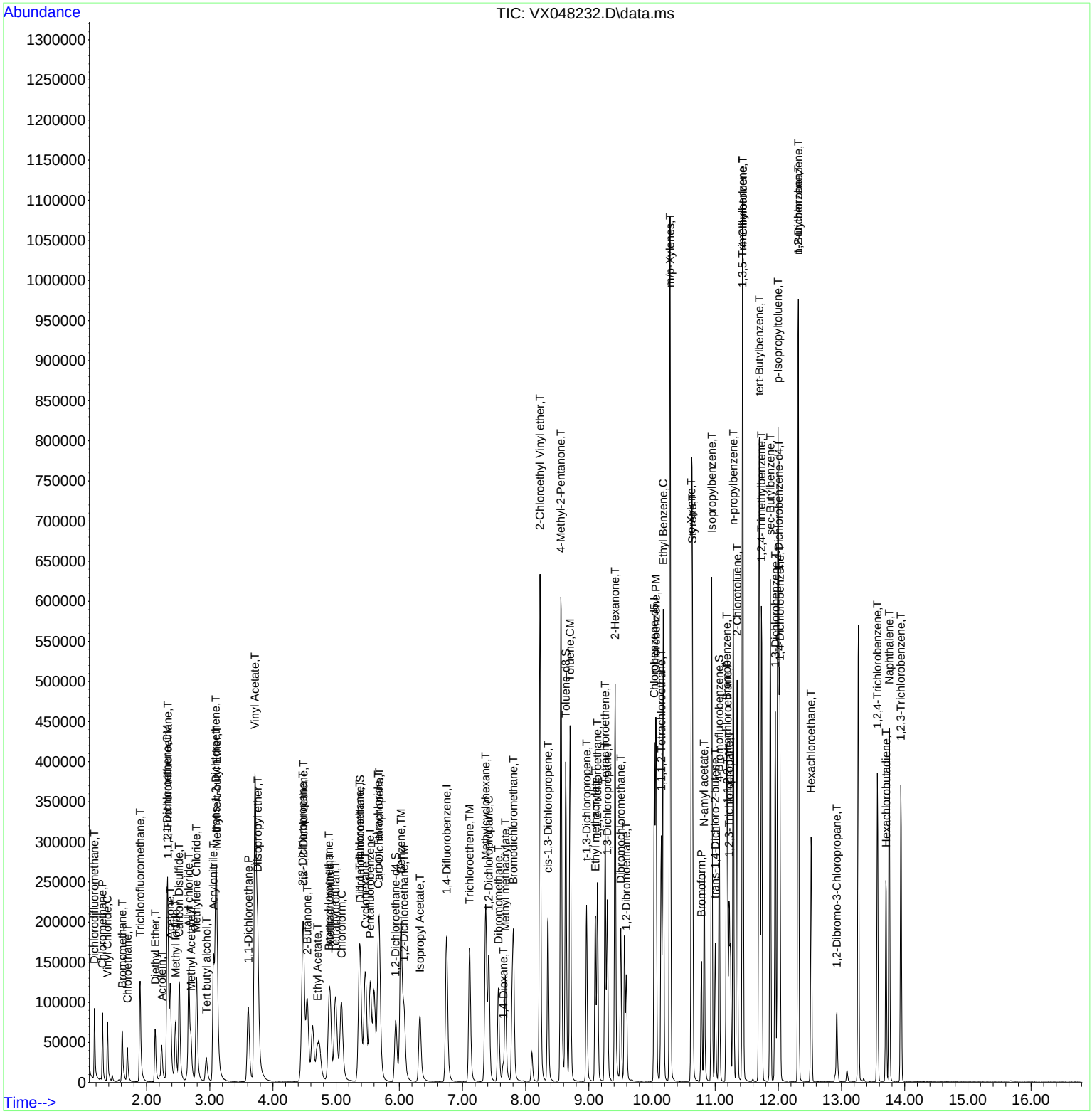
(#) = qualifier out of range (m) = manual integration (+) = signals summed

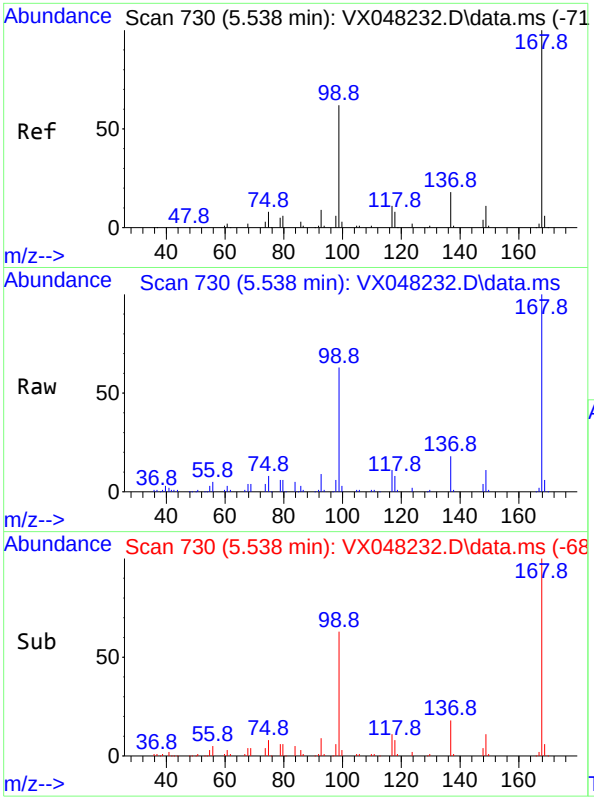
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048232.D
Acq On : 20 Oct 2025 12:01
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 25 03:35:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



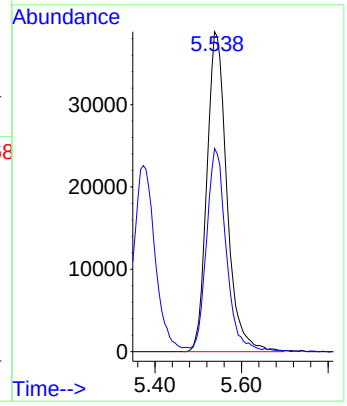


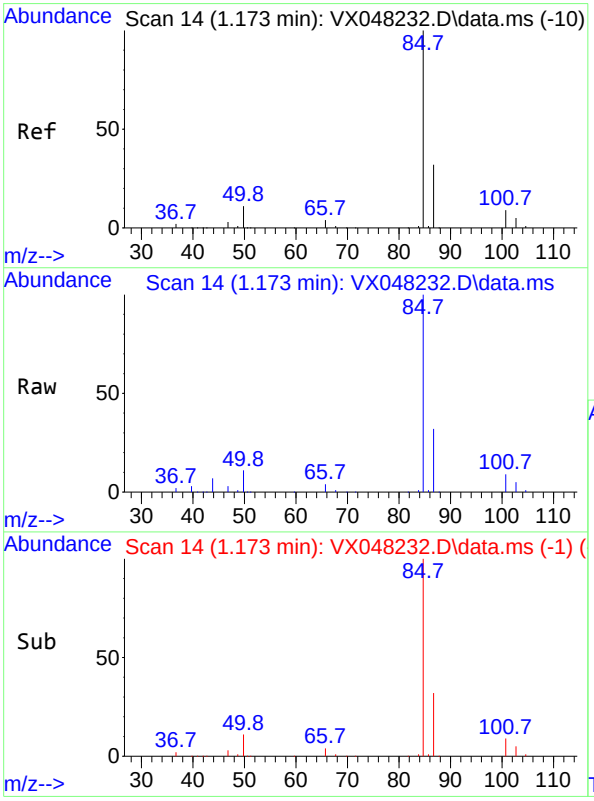
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 124491

Ion	Ratio	Lower	Upper
168	100		
99	63.3	46.4	69.6

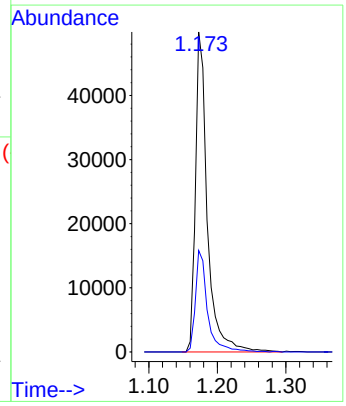


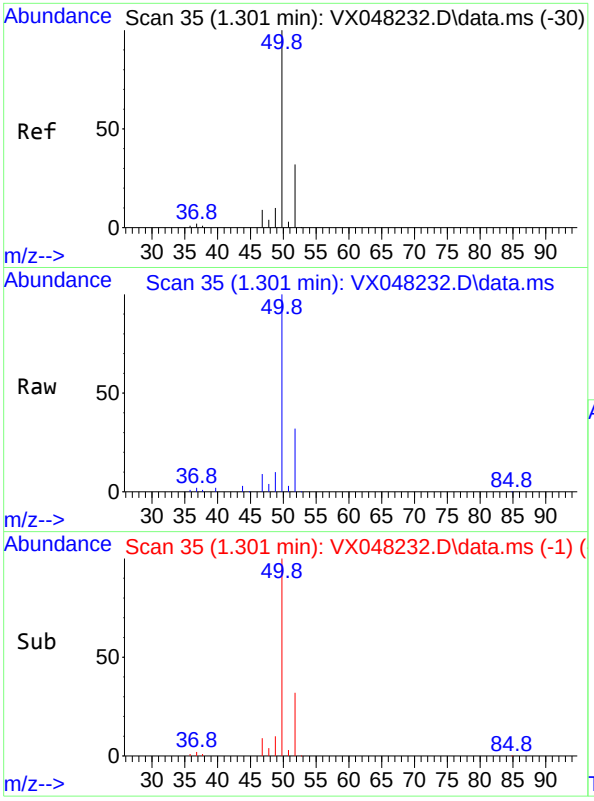


#2
Dichlorodifluoromethane
Concen: 47.017 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 85 Resp: 60172

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9



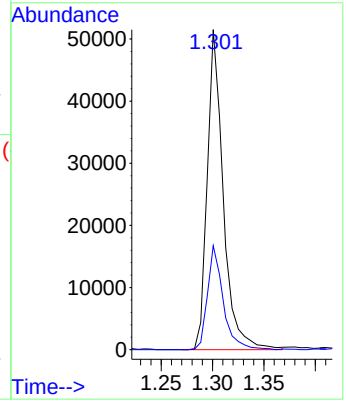


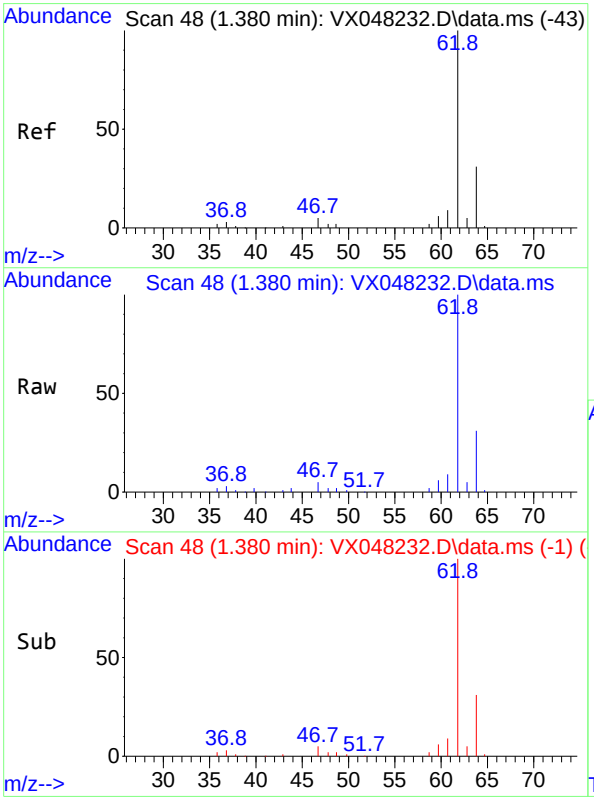
#3
Chloromethane
Concen: 46.824 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 55934

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9

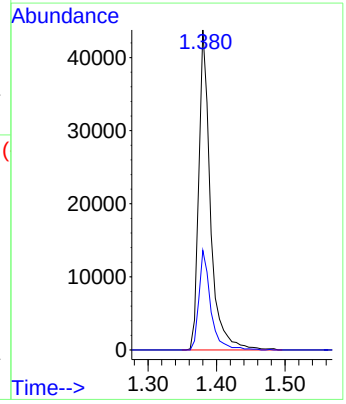


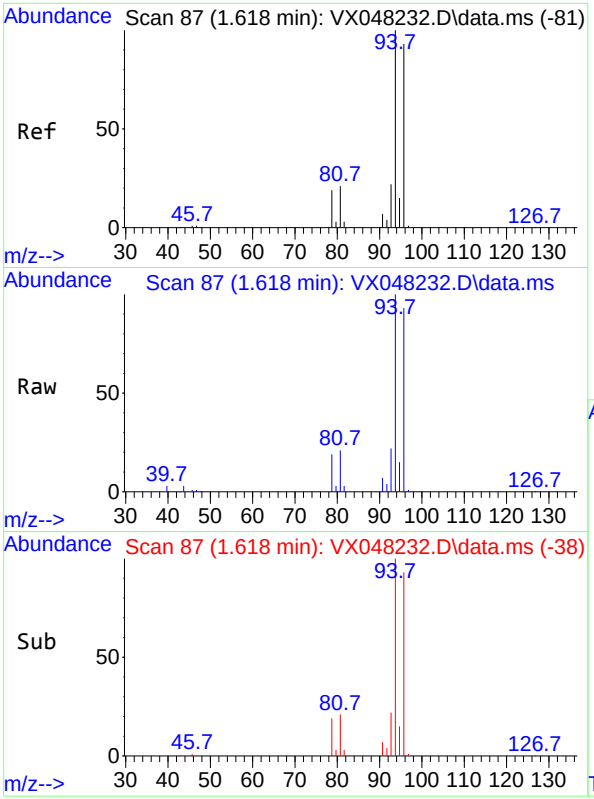


#4
Vinyl Chloride
Concen: 46.845 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 51819

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.1	37.7



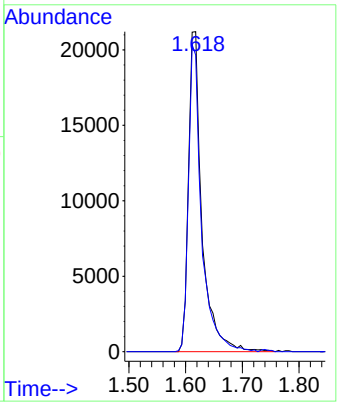


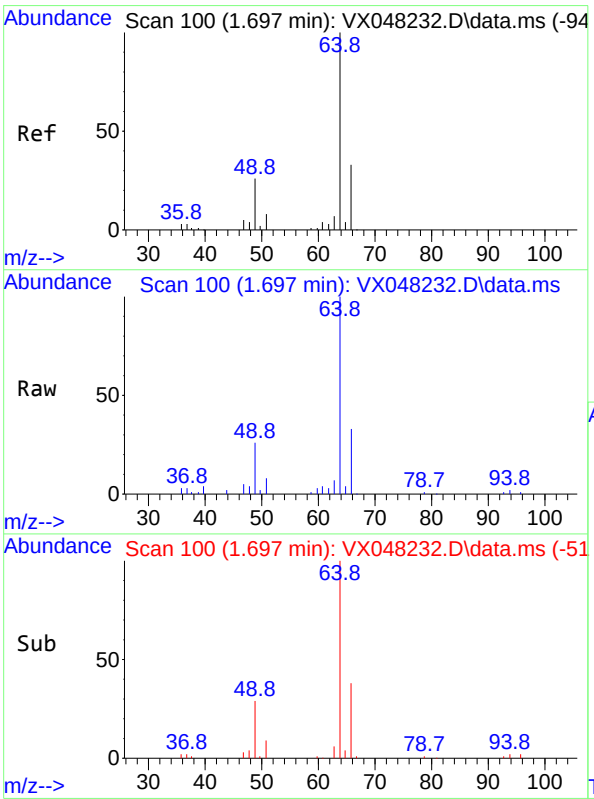
#5
Bromomethane
Concen: 46.757 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 35101

Ion	Ratio	Lower	Upper
94	100		
96	92.7	76.0	114.0

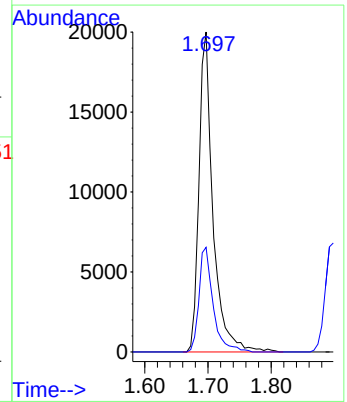


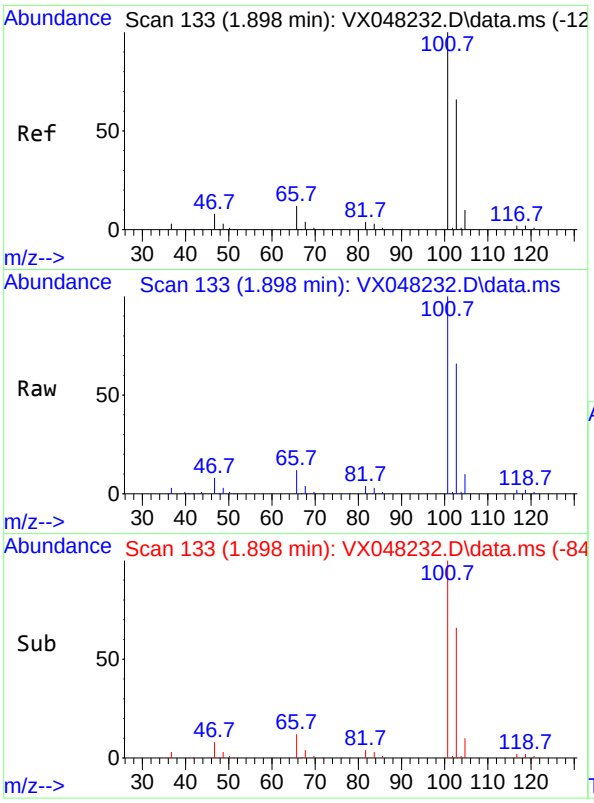


#6
Chloroethane
Concen: 47.258 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 64 Resp: 30718

Ion	Ratio	Lower	Upper
64	100		
66	32.7	23.9	35.9



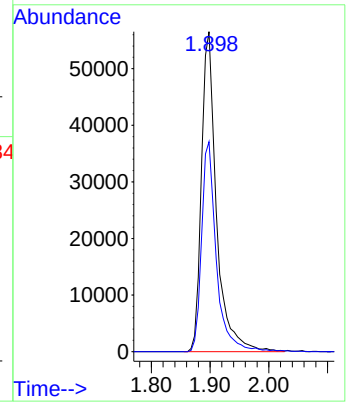


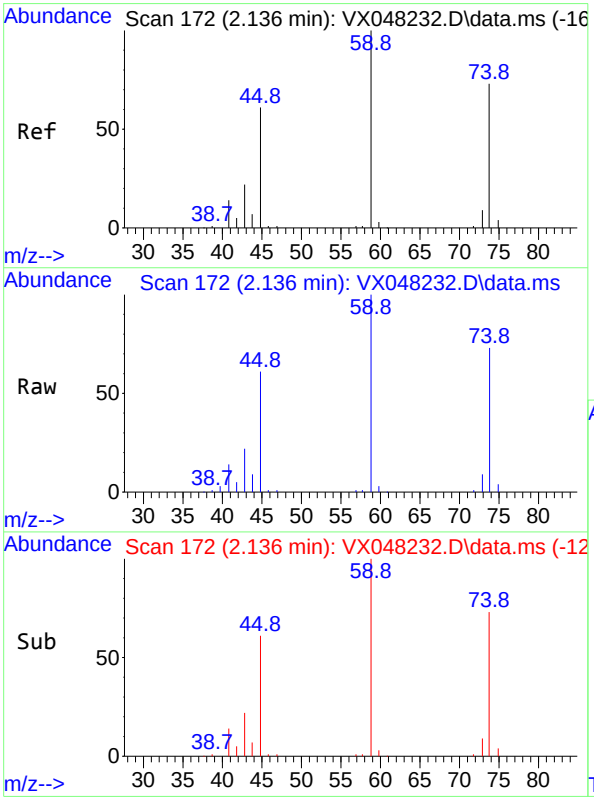
#7
Trichlorofluoromethane
Concen: 47.336 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 100423

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.6	77.4

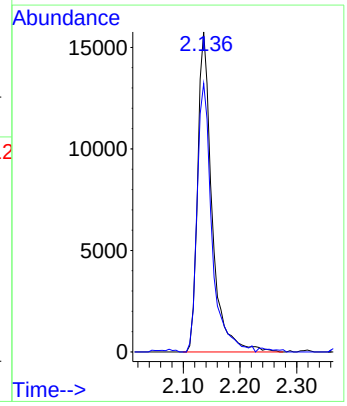


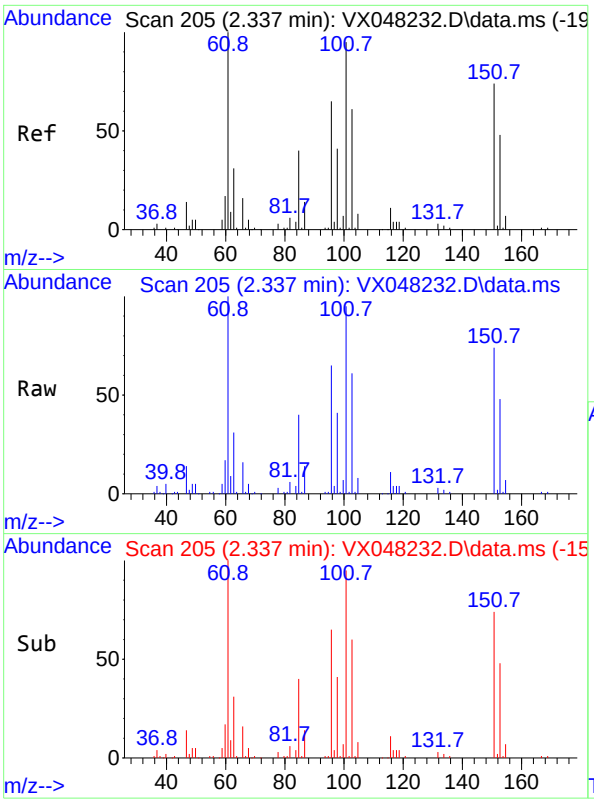


#8
Diethyl Ether
Concen: 46.442 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 74 Resp: 27723

Ion	Ratio	Lower	Upper
74	100		
45	86.5	50.0	149.8



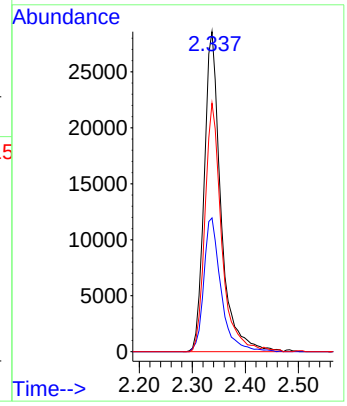


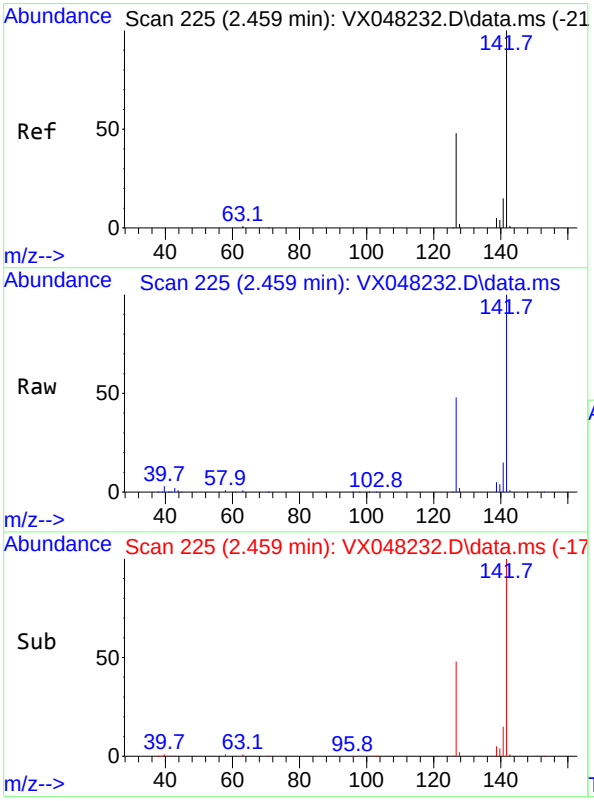
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.442 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 62391

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.6	53.4
151	77.9	58.0	87.0

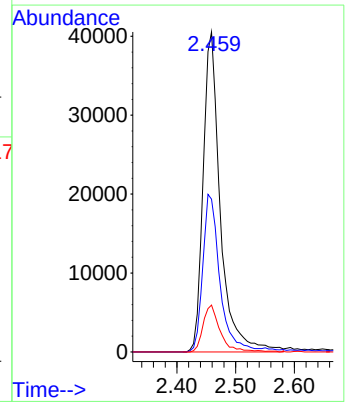


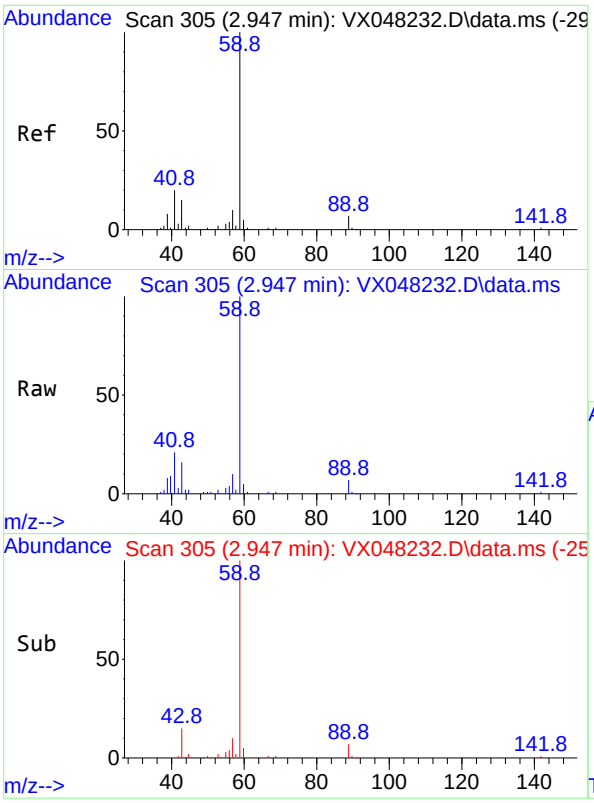


#10
Methyl Iodide
Concen: 48.881 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:142 Resp: 82552

Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	14.7	11.6	17.4



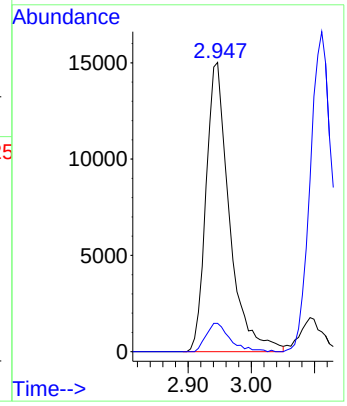


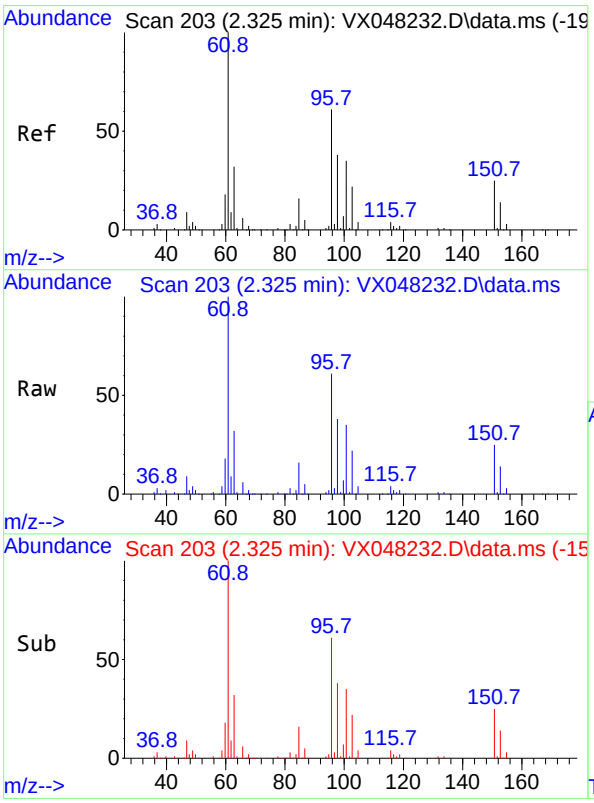
#11
Tert butyl alcohol
Concen: 222.353 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 38534

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

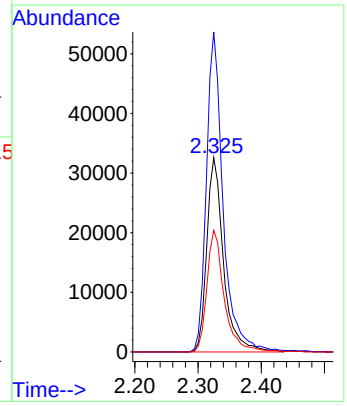


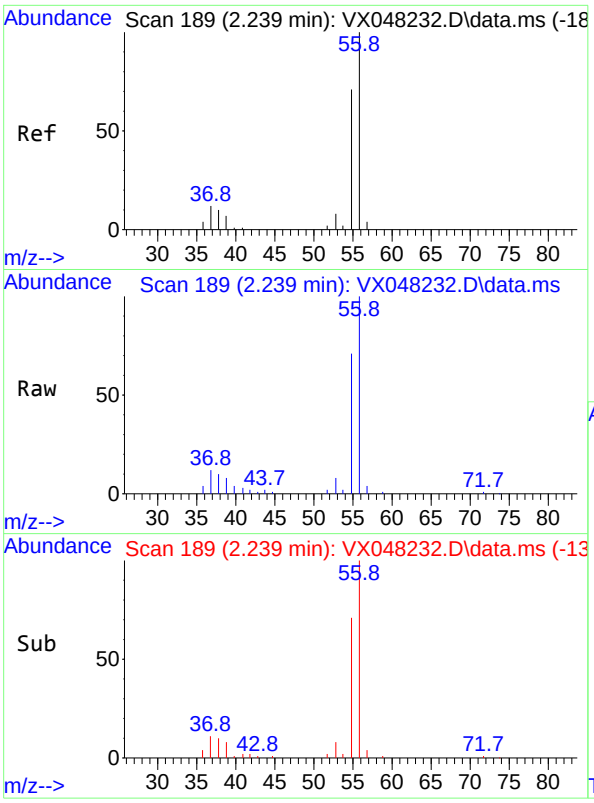


#12
1,1-Dichloroethene
Concen: 46.160 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 96 Resp: 60330

Ion	Ratio	Lower	Upper
96	100		
61	164.7	139.0	208.6
98	62.6	52.4	78.6



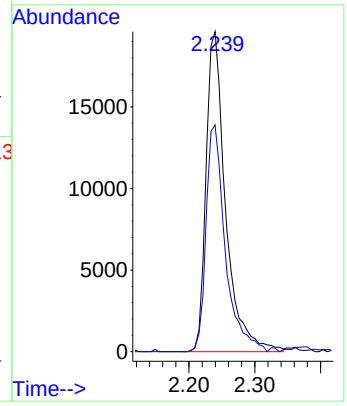


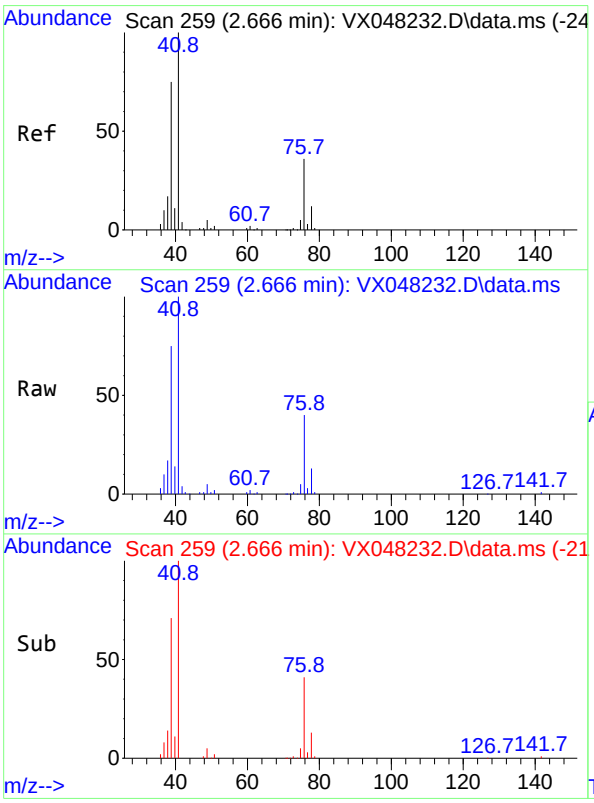
#13
Acrolein
Concen: 229.343 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 40536

Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.1	84.1

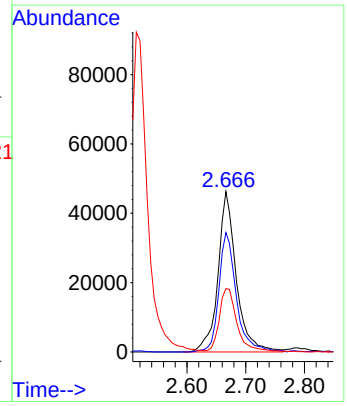


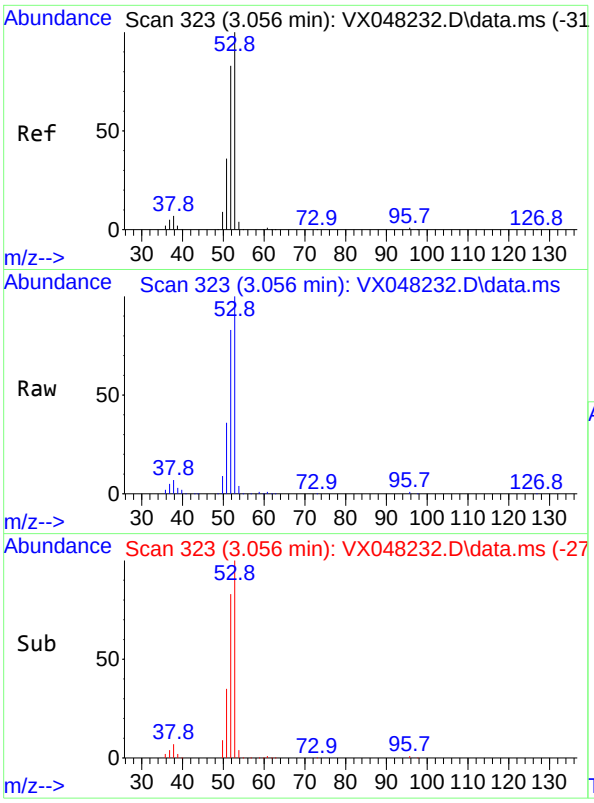


#14
Allyl chloride
Concen: 46.192 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 100234

Ion	Ratio	Lower	Upper
41	100		
39	71.0	56.0	84.0
76	38.6	27.5	41.3



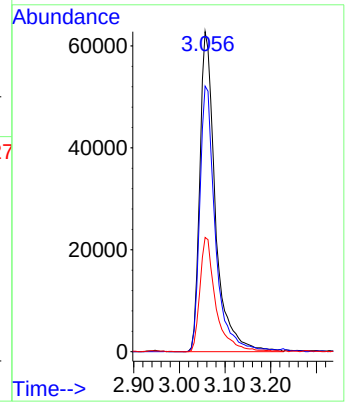


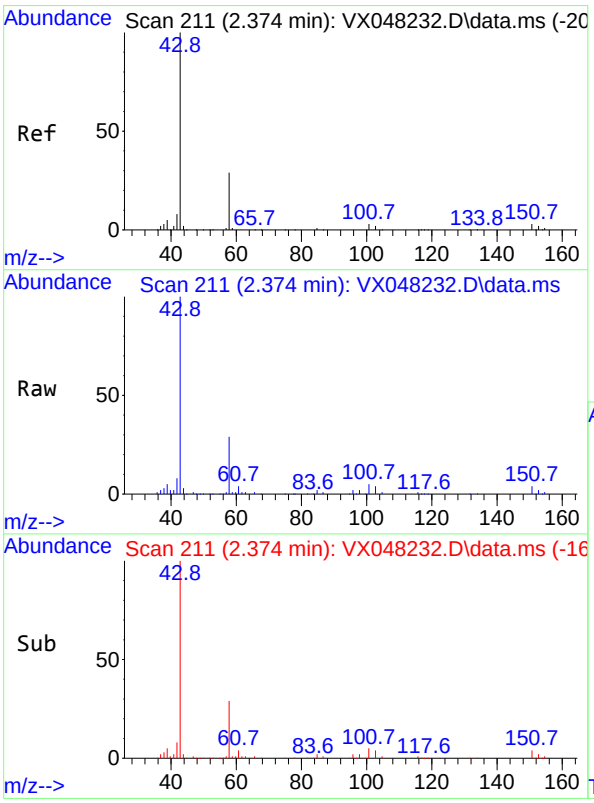
#15
Acrylonitrile
Concen: 238.450 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 149009

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.1	99.1
51	36.6	29.0	43.4

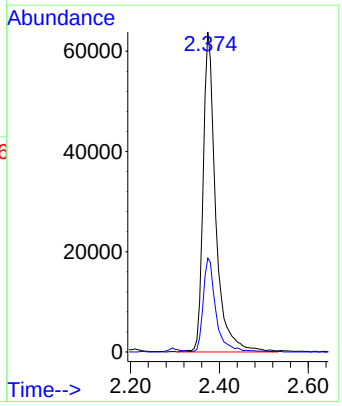


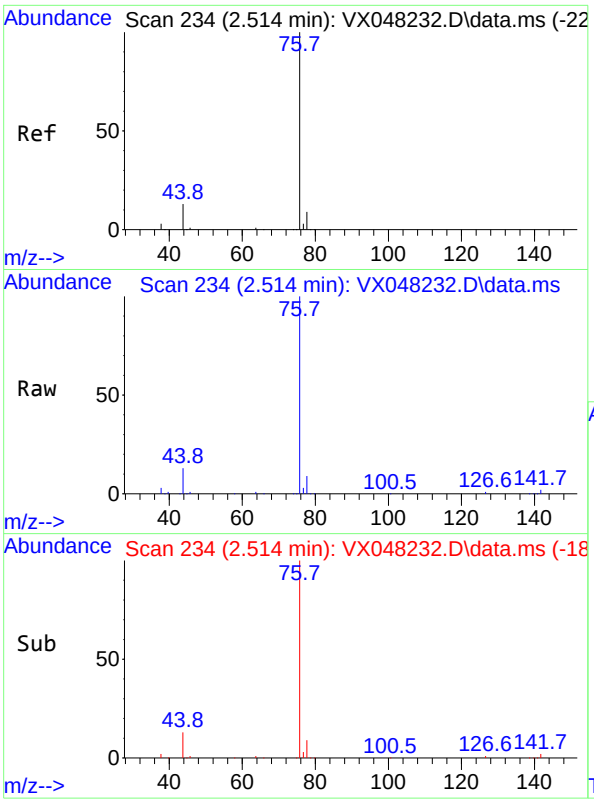


#16
Acetone
Concen: 210.429 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 126003

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.2



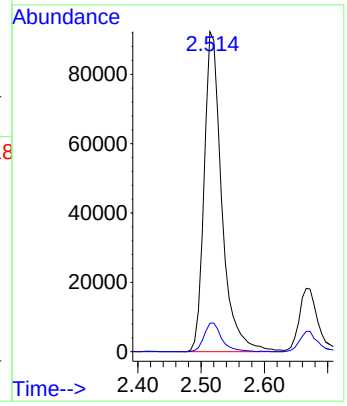


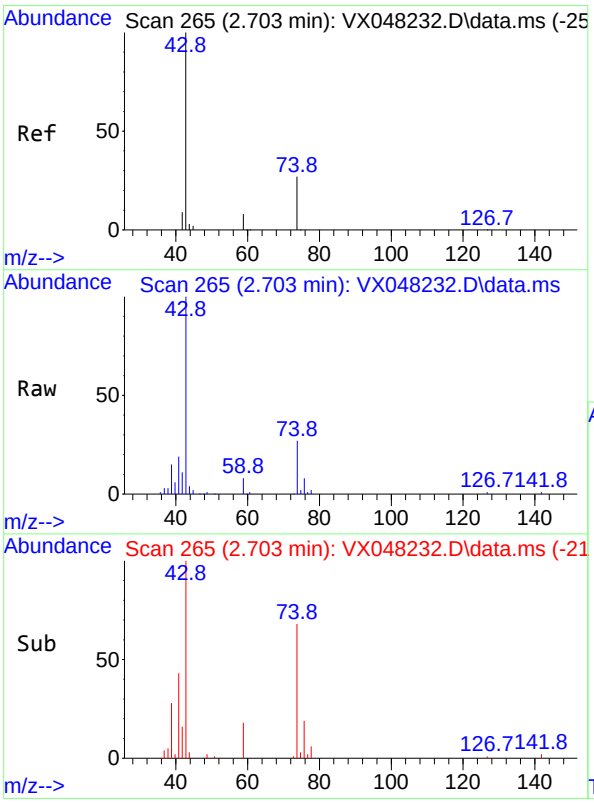
#17
Carbon Disulfide
Concen: 43.575 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 179492

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

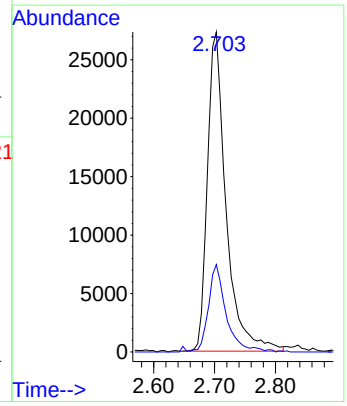


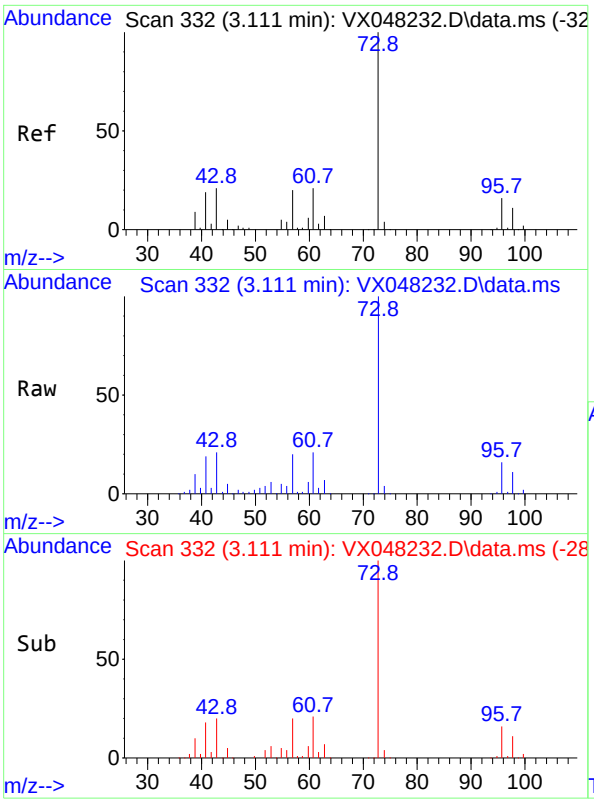


#18
Methyl Acetate
Concen: 46.437 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 58071

Ion	Ratio	Lower	Upper
43	100		
74	26.0	17.5	26.3



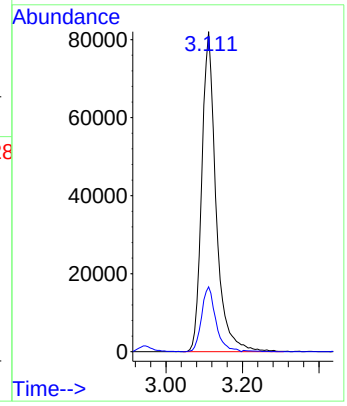


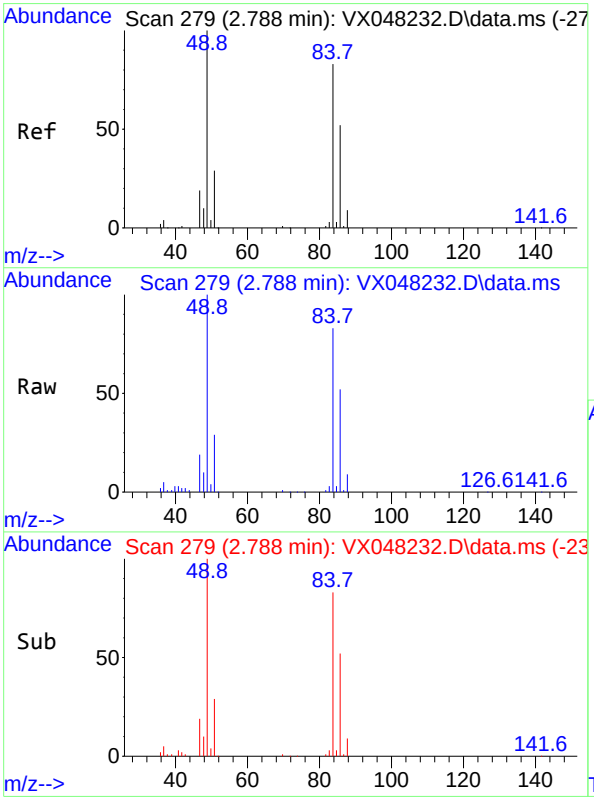
#19
Methyl tert-butyl Ether
Concen: 47.567 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 212092

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5

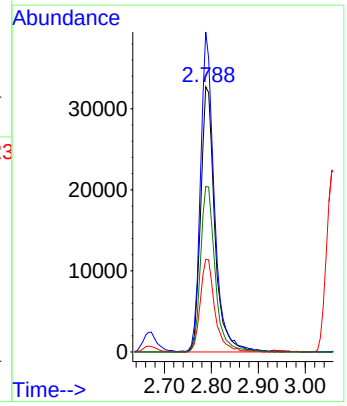


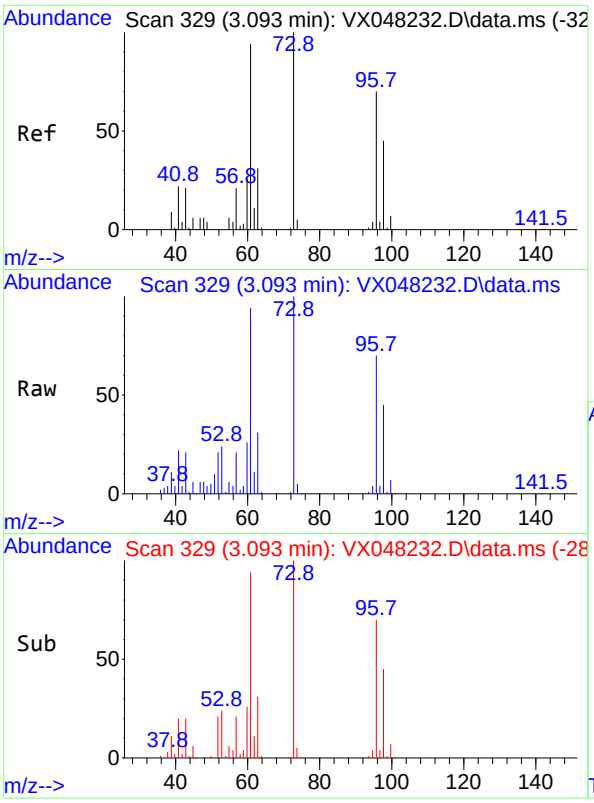


#20
Methylene Chloride
Concen: 47.061 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 84 Resp: 68663

Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.1	156.1
51	35.0	31.3	46.9
86	62.4	51.3	76.9



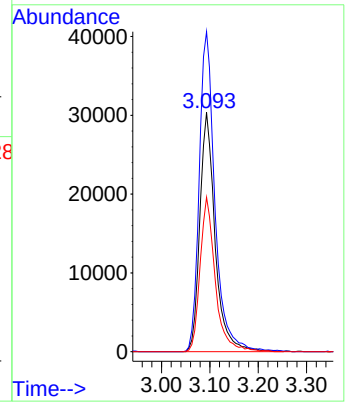


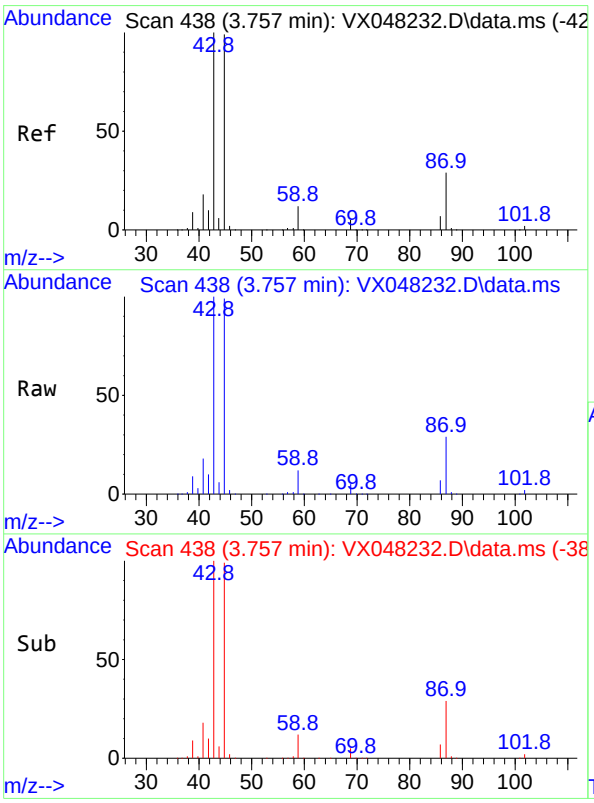
#21
trans-1,2-Dichloroethene
Concen: 46.395 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 66608

Ion	Ratio	Lower	Upper
96	100		
61	133.8	111.9	167.9
98	64.5	51.2	76.8

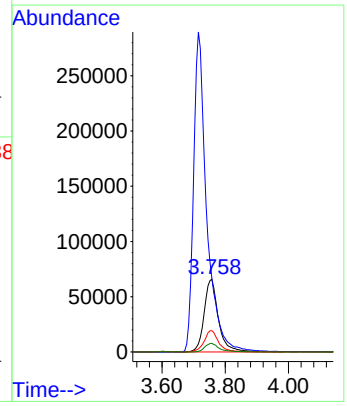


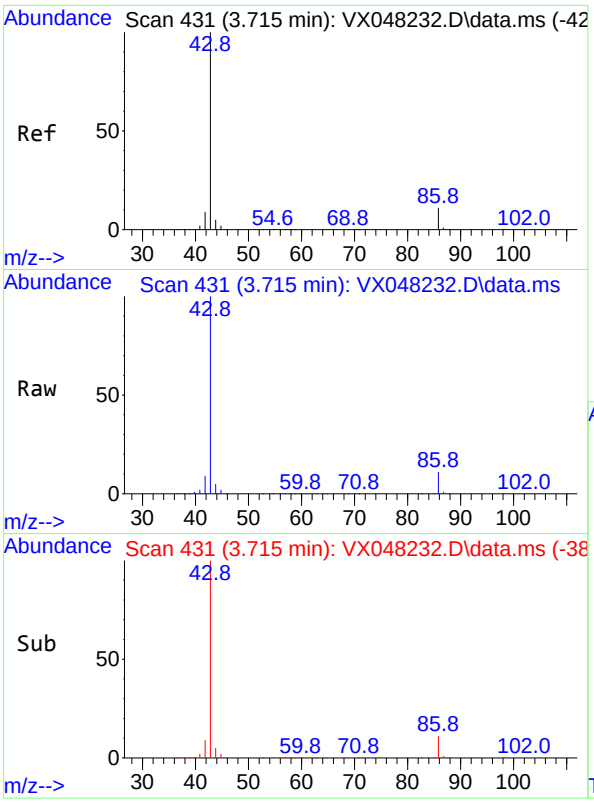


#22
Diisopropyl ether
Concen: 47.805 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 45 Resp: 206901

Ion	Ratio	Lower	Upper
45	100		
43	101.1	89.8	134.8
87	29.3	20.6	31.0
59	11.9	9.1	13.7



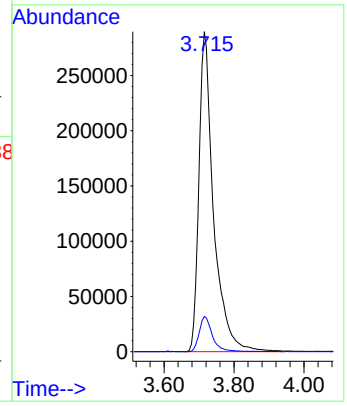


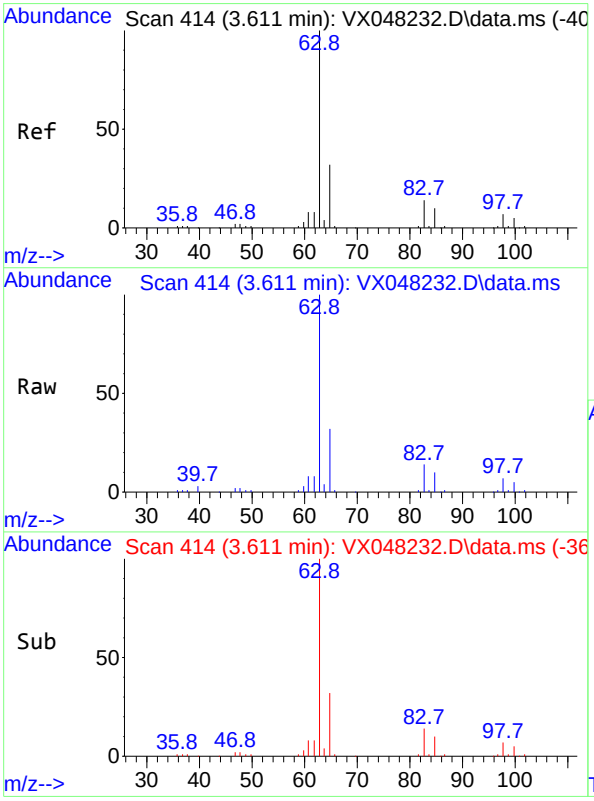
#23
Vinyl Acetate
Concen: 242.786 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 839370

Ion	Ratio	Lower	Upper
43	100		
86	11.0	7.9	11.9

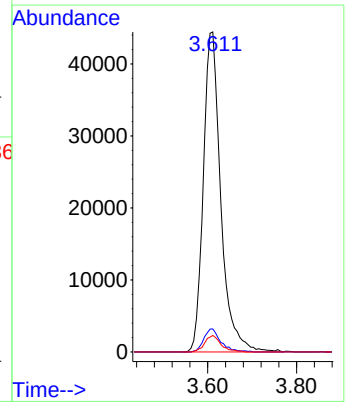


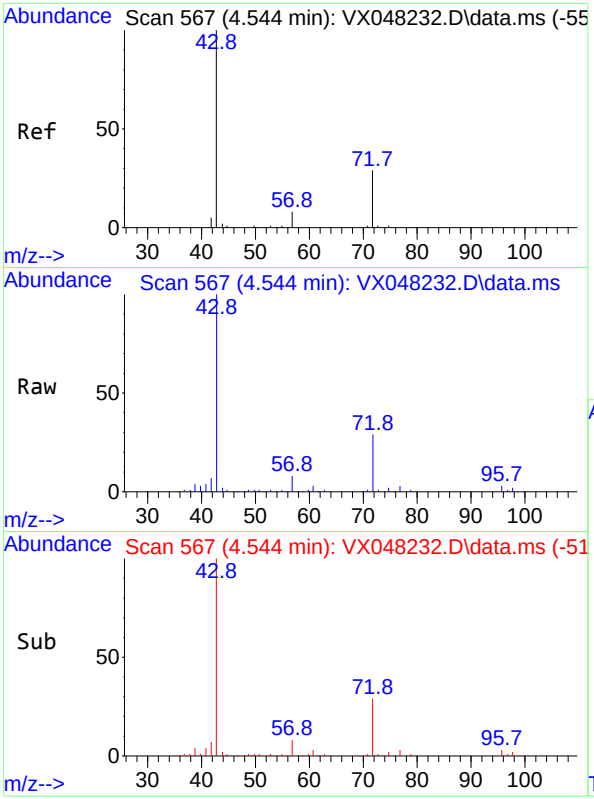


#24
1,1-Dichloroethane
Concen: 46.487 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 121657

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.5	10.6
100	5.1	2.1	6.3



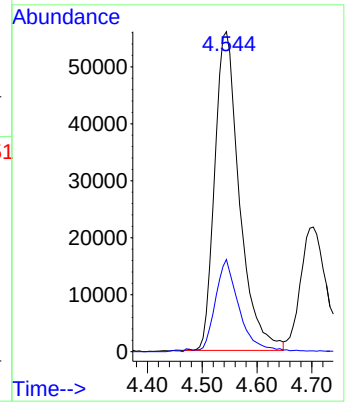


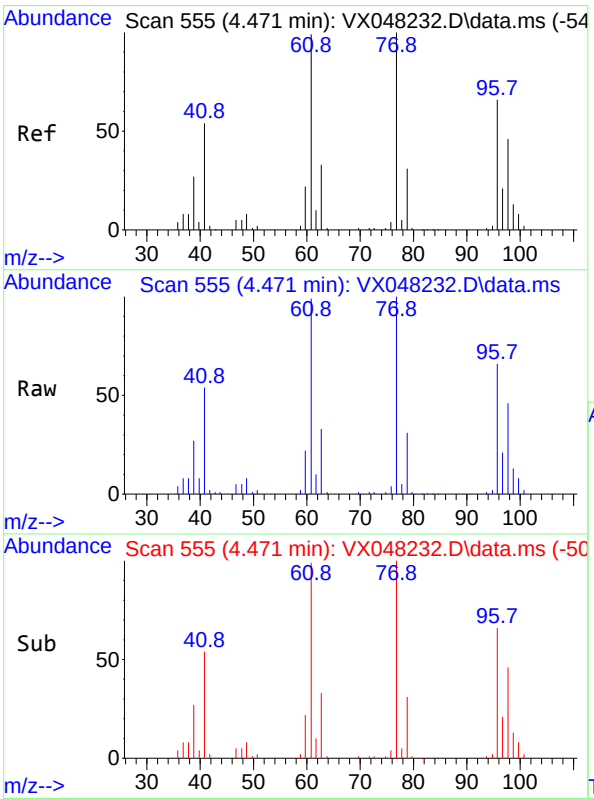
#25
2-Butanone
Concen: 230.996 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 175075

Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.9	29.9

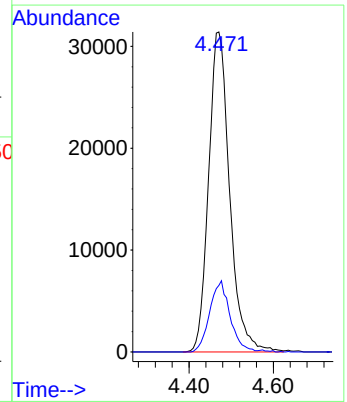


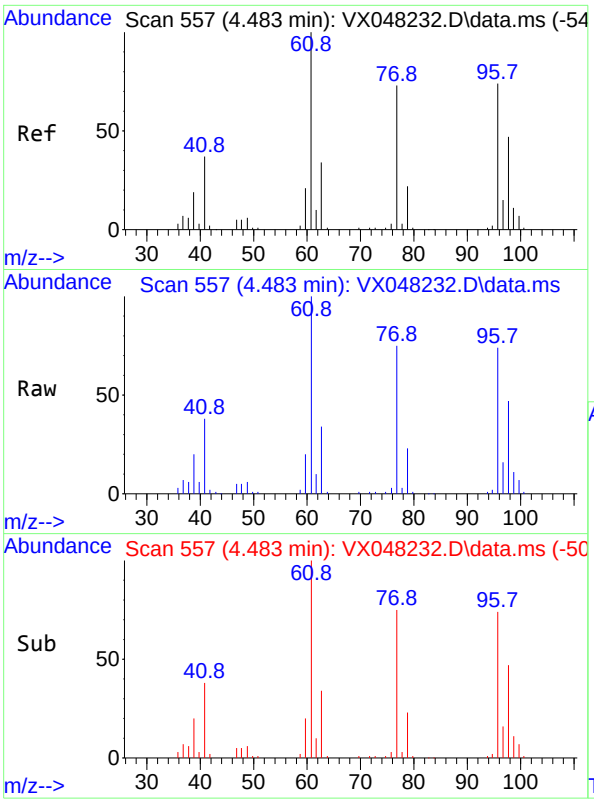


#26
2,2-Dichloropropane
Concen: 46.171 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 77 Resp: 109062

Ion	Ratio	Lower	Upper
77	100		
97	21.5	11.1	33.3



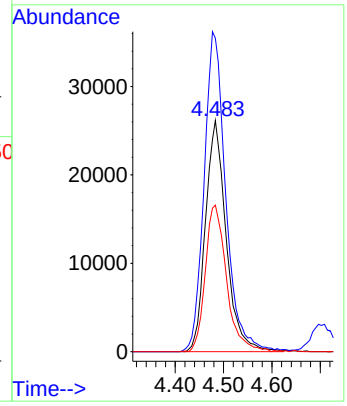


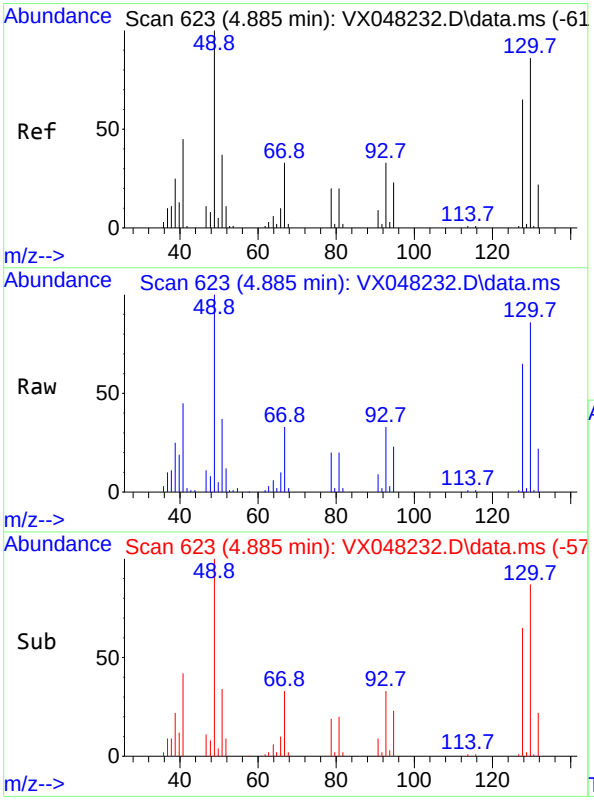
#27
cis-1,2-Dichloroethene
Concen: 46.500 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 77911

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	64.9	0.0	128.4

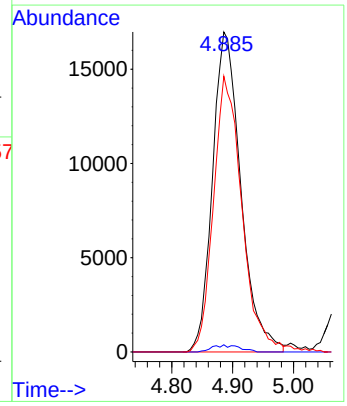


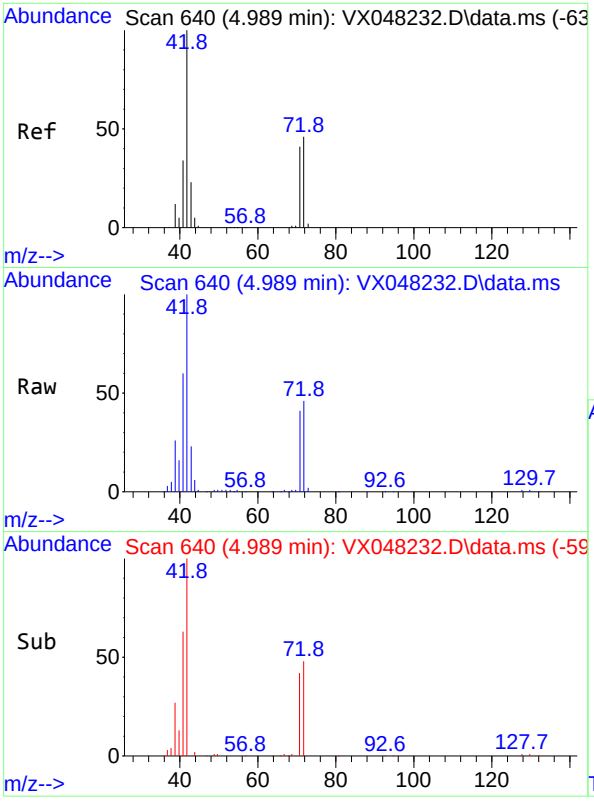


#28
Bromochloromethane
Concen: 50.611 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 49 Resp: 54919

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	86.9	59.3	88.9



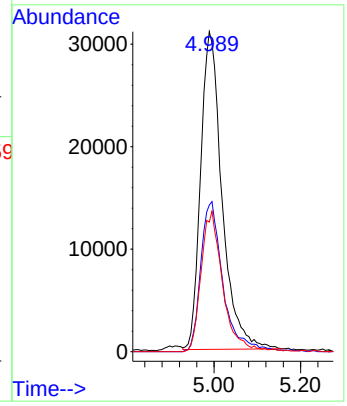


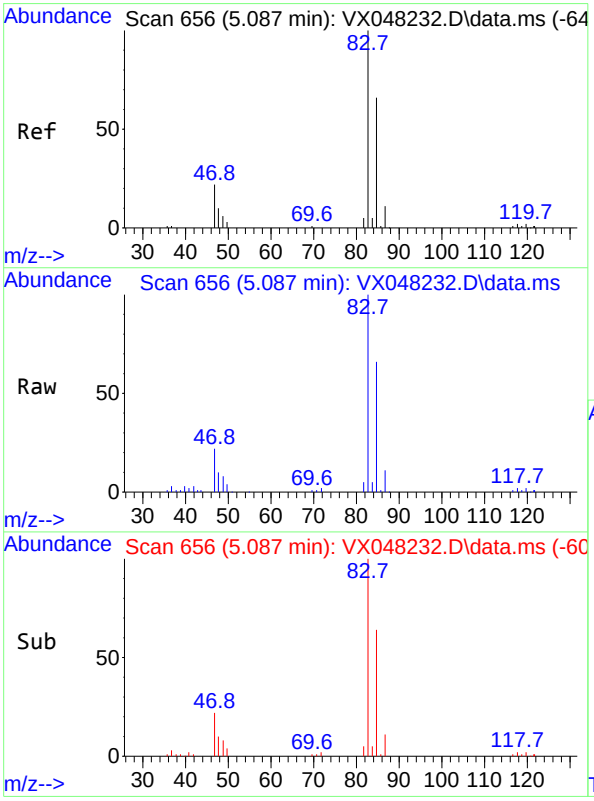
#29
Tetrahydrofuran
Concen: 234.362 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 106381

Ion	Ratio	Lower	Upper
42	100		
72	49.2	35.3	52.9
71	44.3	32.2	48.4

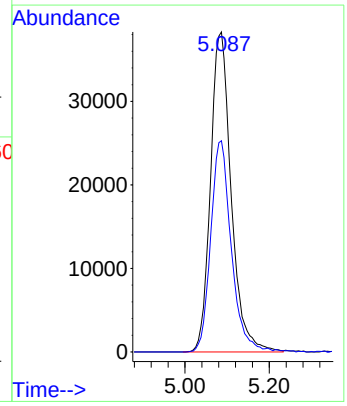


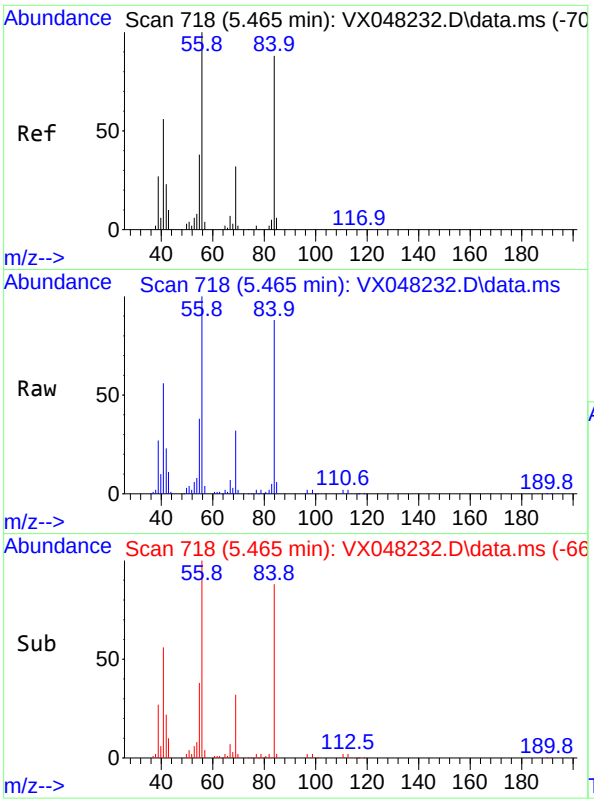


#30
Chloroform
Concen: 46.594 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 83 Resp: 130274

Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.1	75.1



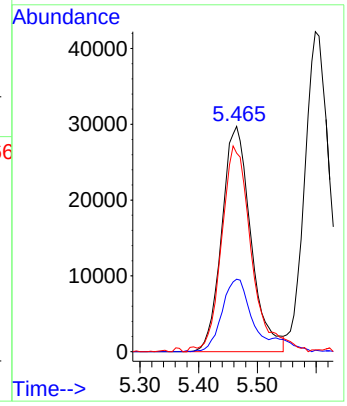


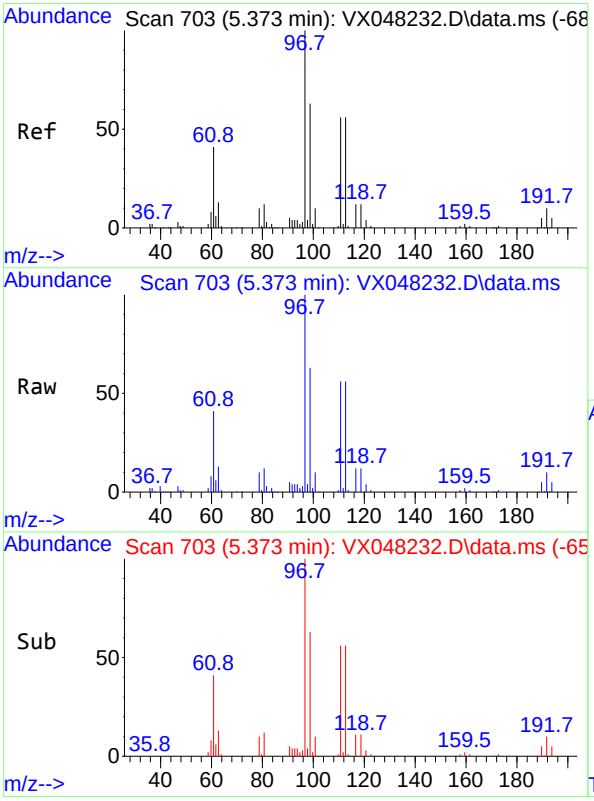
#31
Cyclohexane
Concen: 47.194 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 102251

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.0	34.6
84	87.9	64.6	97.0

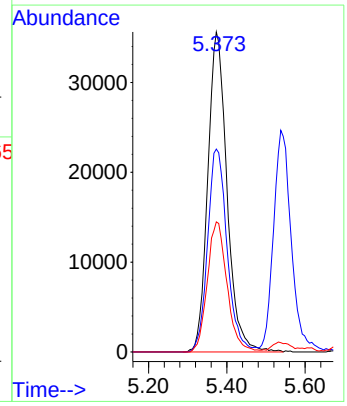


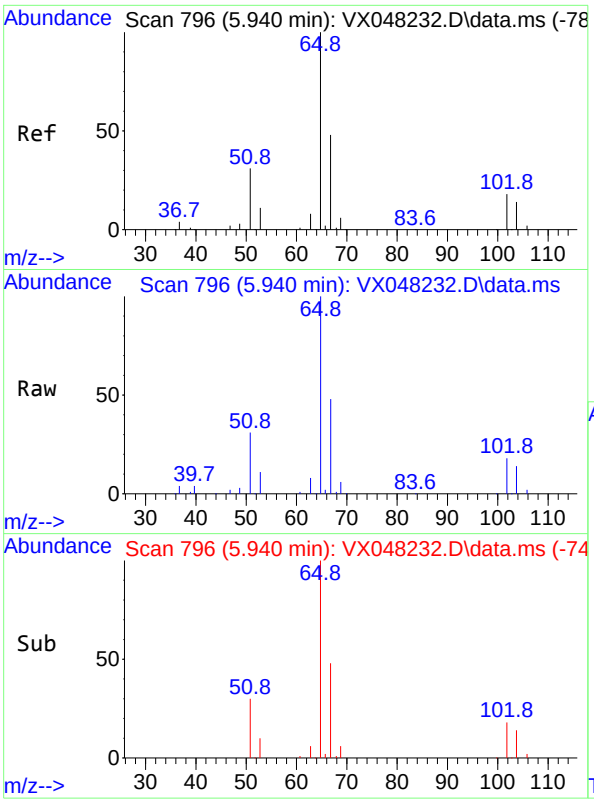


#32
1,1,1-Trichloroethane
Concen: 46.992 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 97 Resp: 121090

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	41.8	34.8	52.2



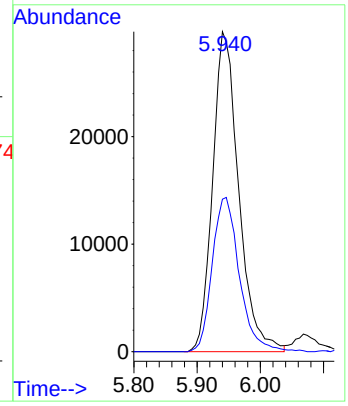


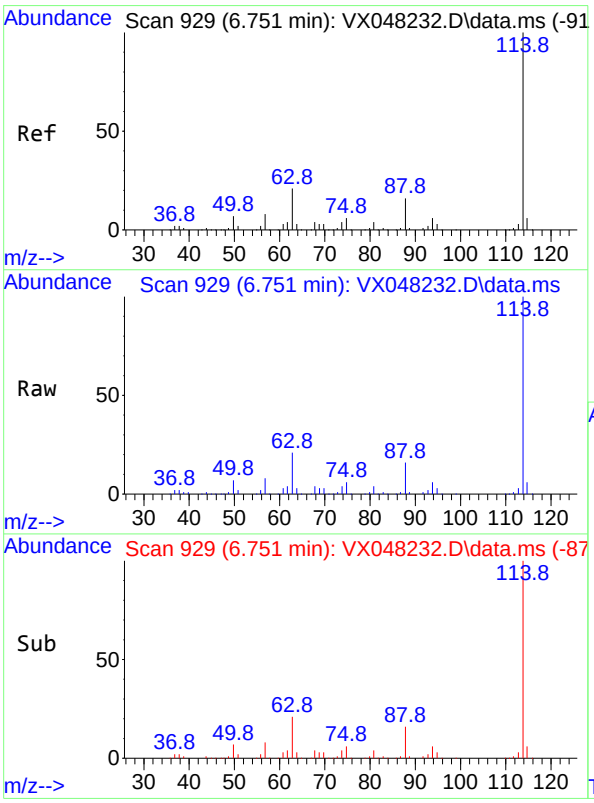
#33
1,2-Dichloroethane-d4
Concen: 48.670 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 84951

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.0

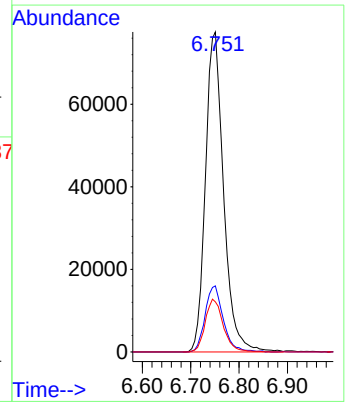


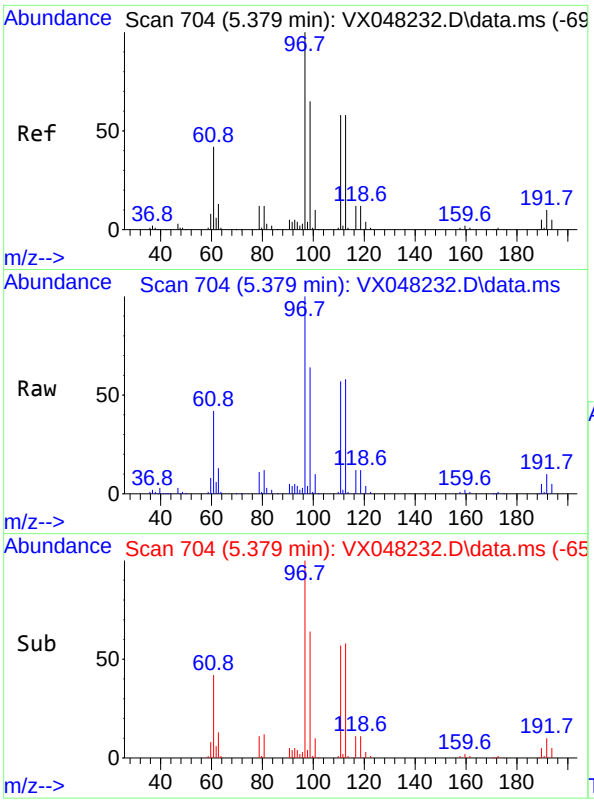


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:114 Resp: 201906

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.7	0.0	33.6



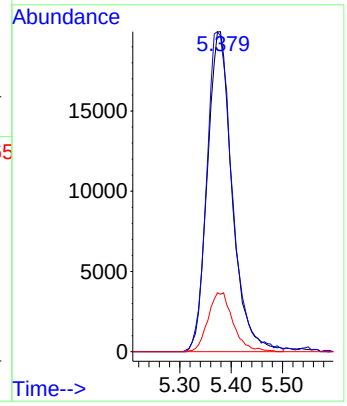


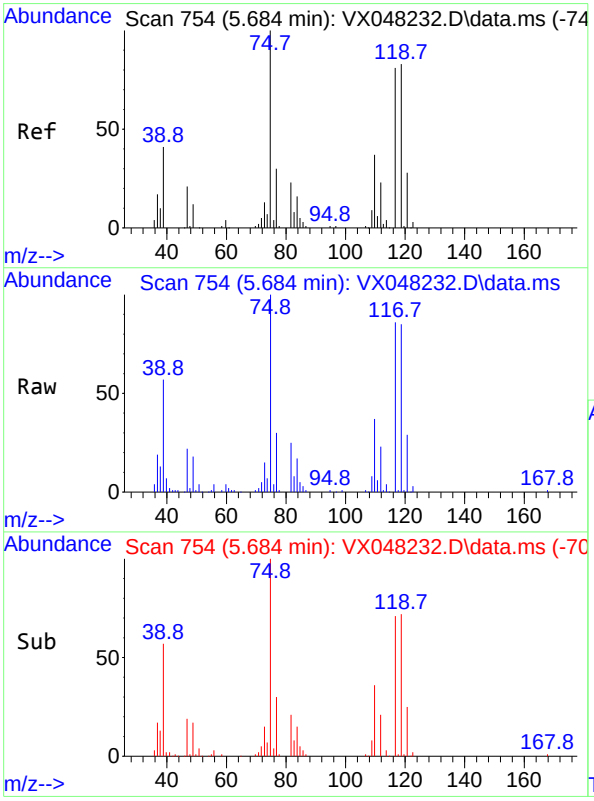
#35
Dibromofluoromethane
Concen: 48.312 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 66593

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	18.7	15.1	22.7

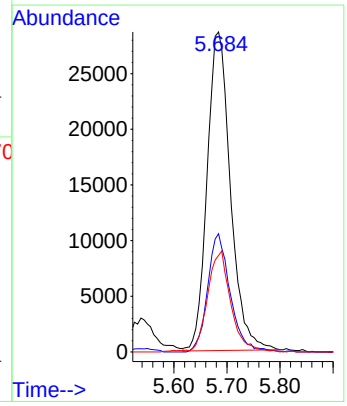


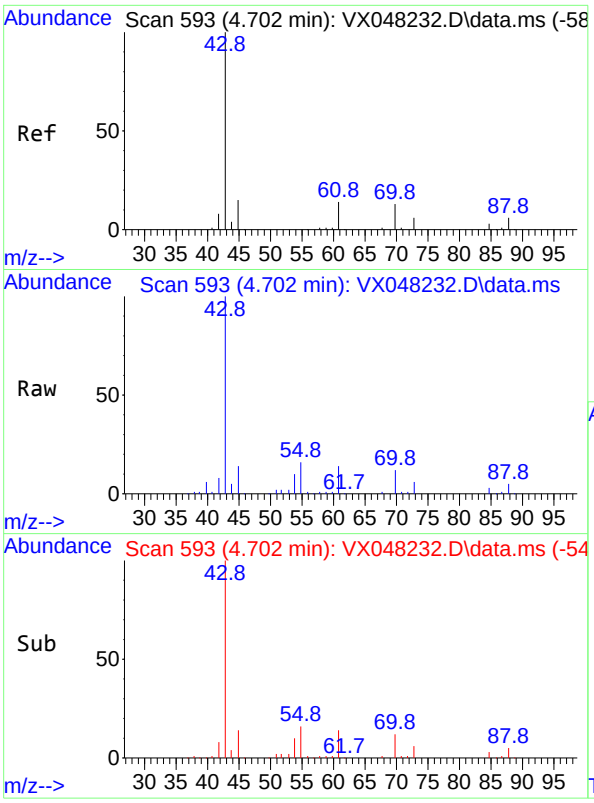


#36
1,1-Dichloropropene
Concen: 44.659 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 87493

Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.7	53.1
77	31.7	24.3	36.5



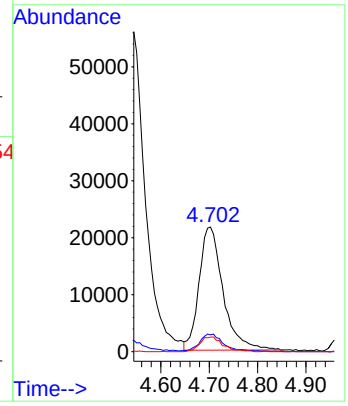


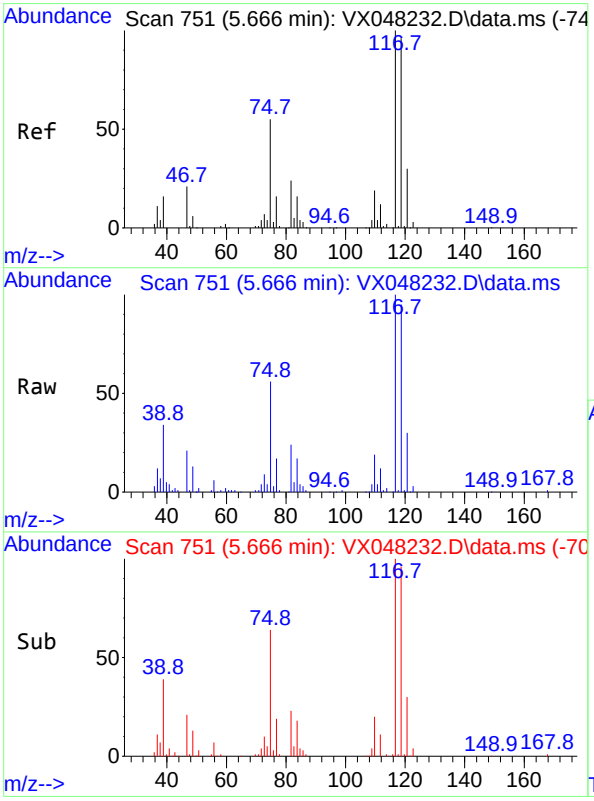
#37
Ethyl Acetate
Concen: 45.730 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 74261

Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	11.6	7.8	11.6

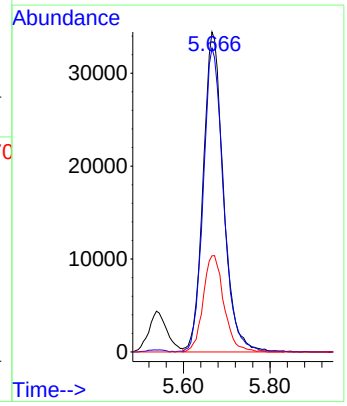


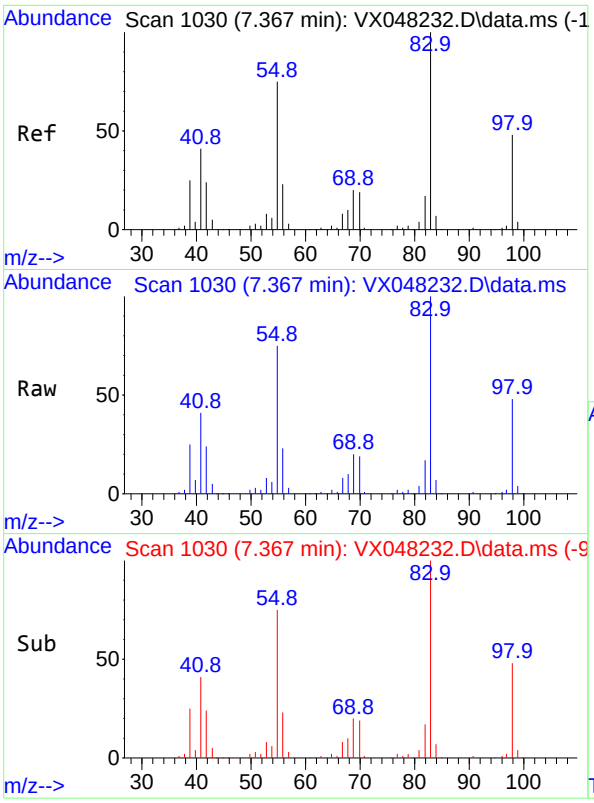


#38
Carbon Tetrachloride
Concen: 46.216 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 111708

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	30.1	24.8	37.2



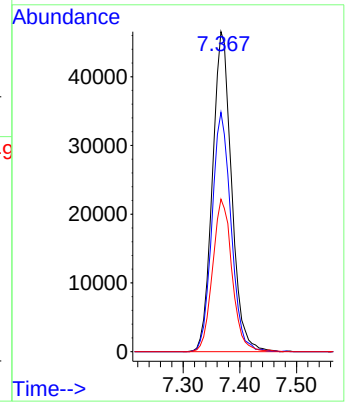


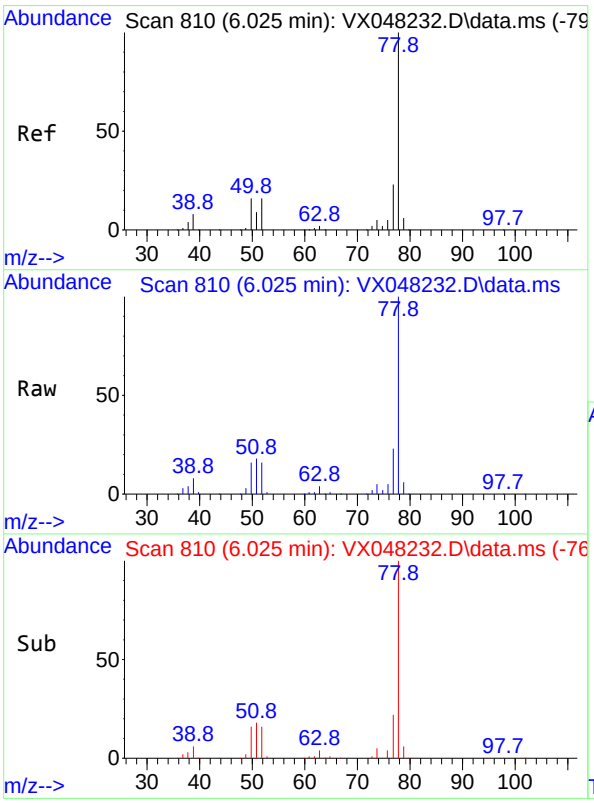
#39
Methylcyclohexane
Concen: 47.143 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 109077

Ion	Ratio	Lower	Upper
83	100		
55	74.8	66.2	99.2
98	47.6	38.9	58.3

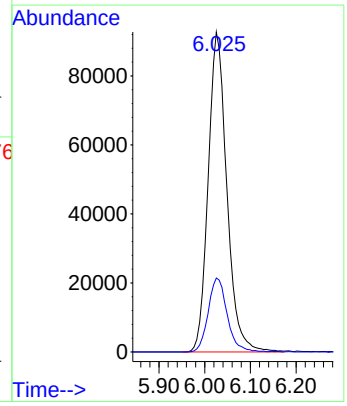


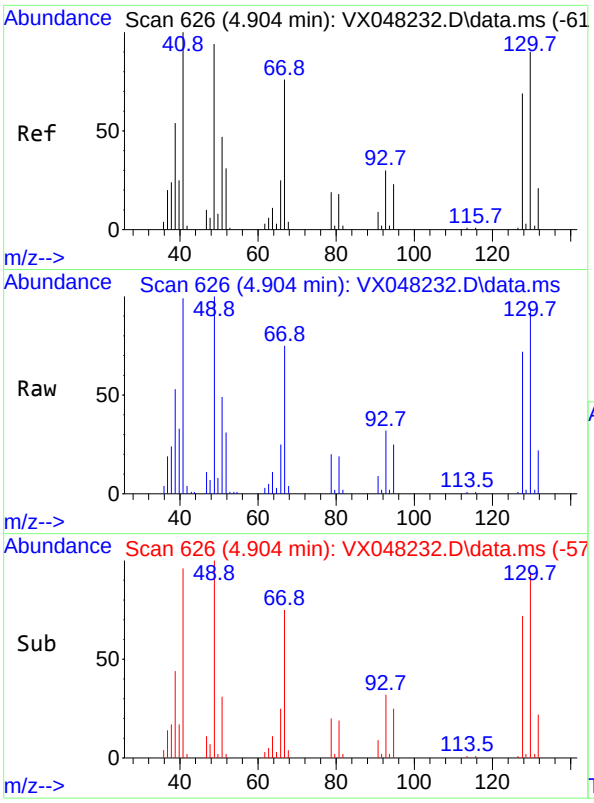


#40
Benzene
Concen: 46.192 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 78 Resp: 262745

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9



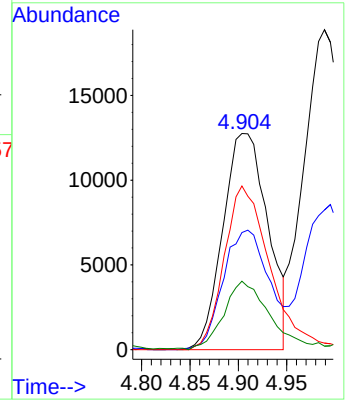


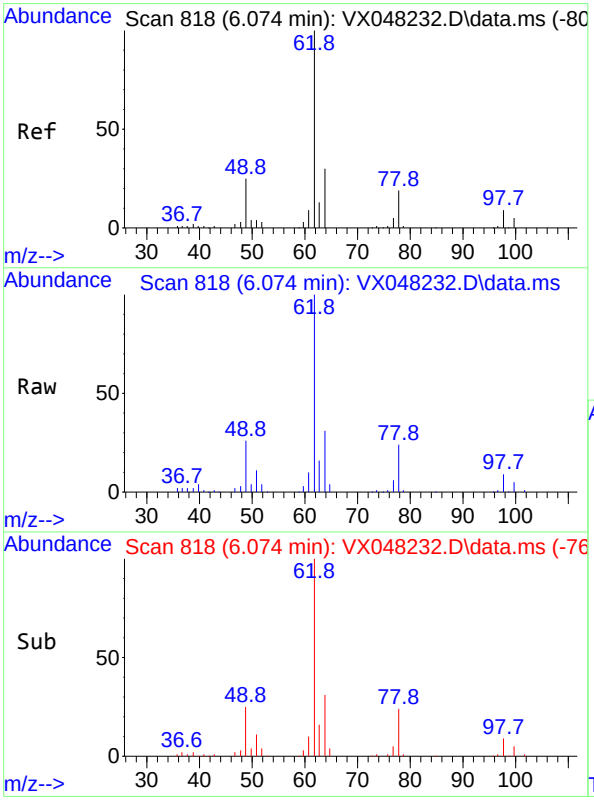
#41
Methacrylonitrile
Concen: 48.421 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 41293

Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.0	66.0
67	78.6	58.7	88.1
52	32.8	25.9	38.9

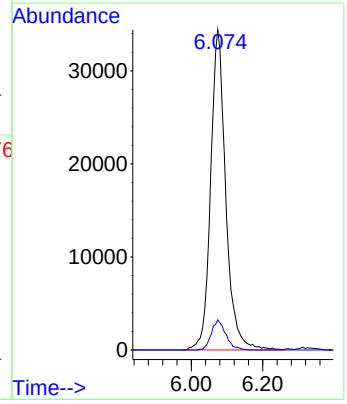


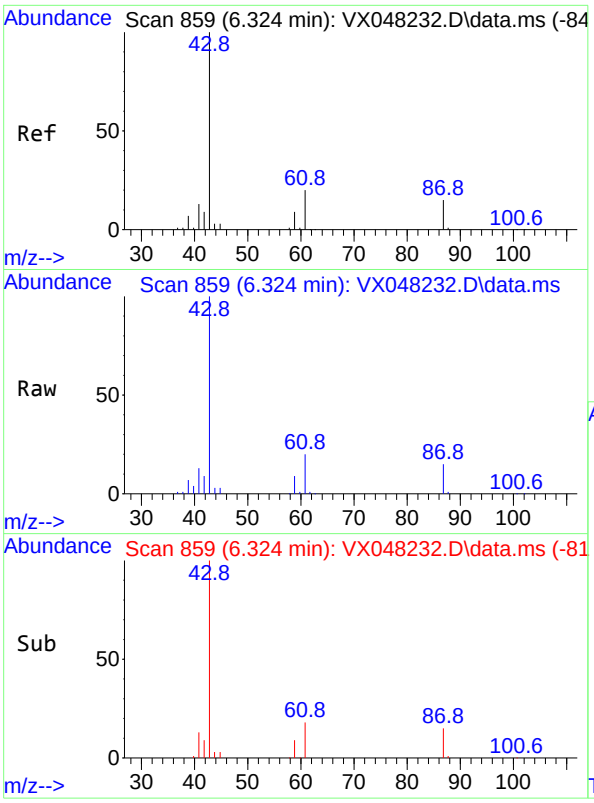


#42
1,2-Dichloroethane
Concen: 48.090 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 62 Resp: 100937

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2



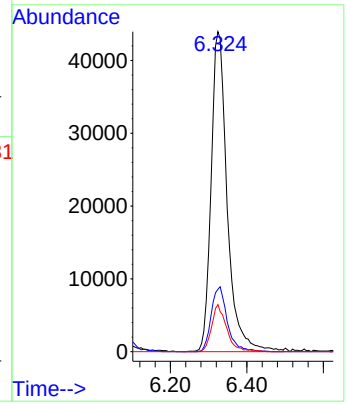


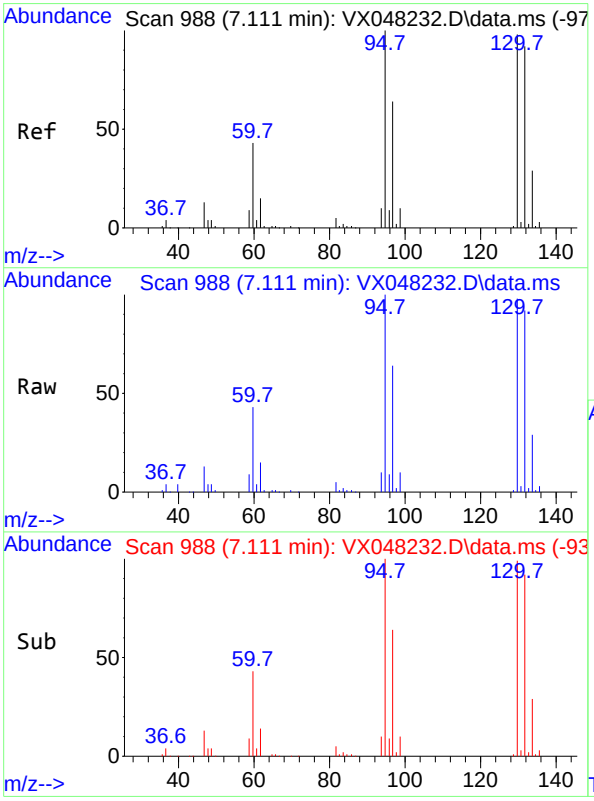
#43
Isopropyl Acetate
Concen: 48.095 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 128290

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.7	9.4	14.2

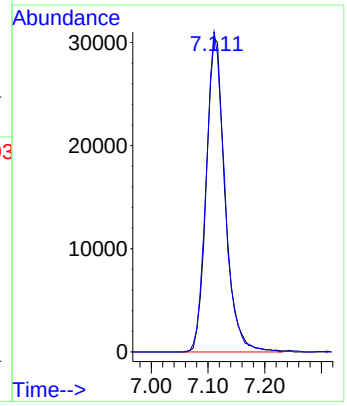


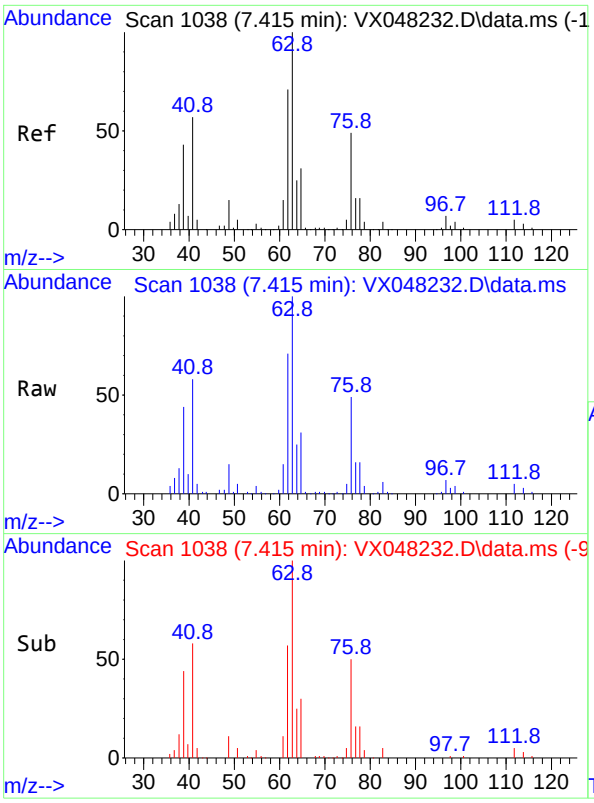


#44
Trichloroethene
Concen: 46.815 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:130 Resp: 70313

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	200.6



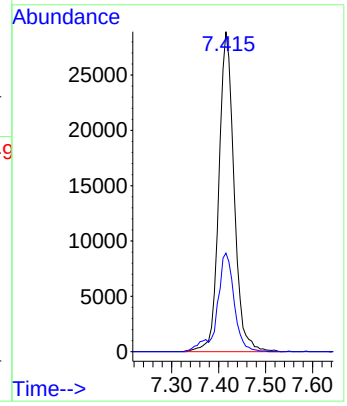


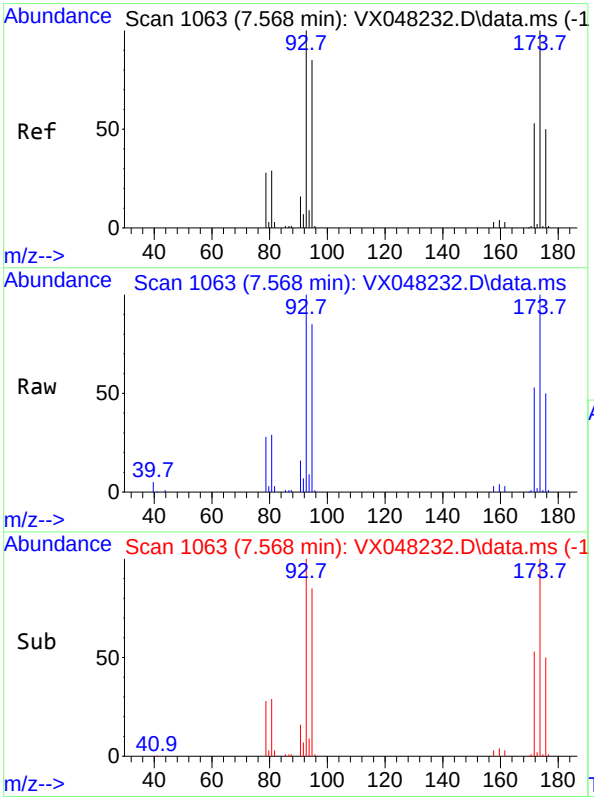
#45
1,2-Dichloropropane
Concen: 47.986 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 64895

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.1	36.1

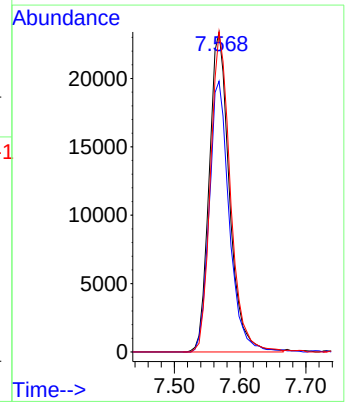


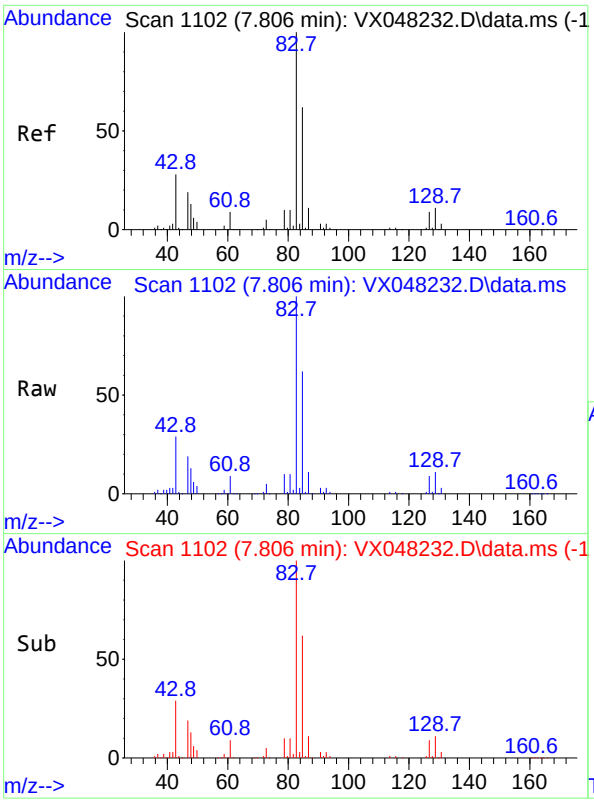


#46
Dibromomethane
Concen: 47.337 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 93 Resp: 49874

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.9	98.9
174	98.7	71.7	107.5



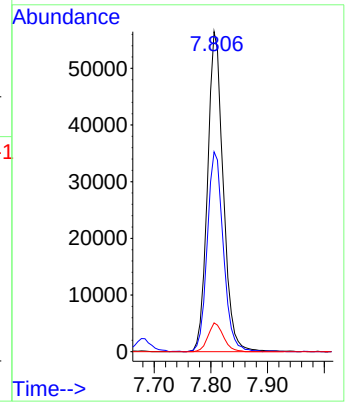


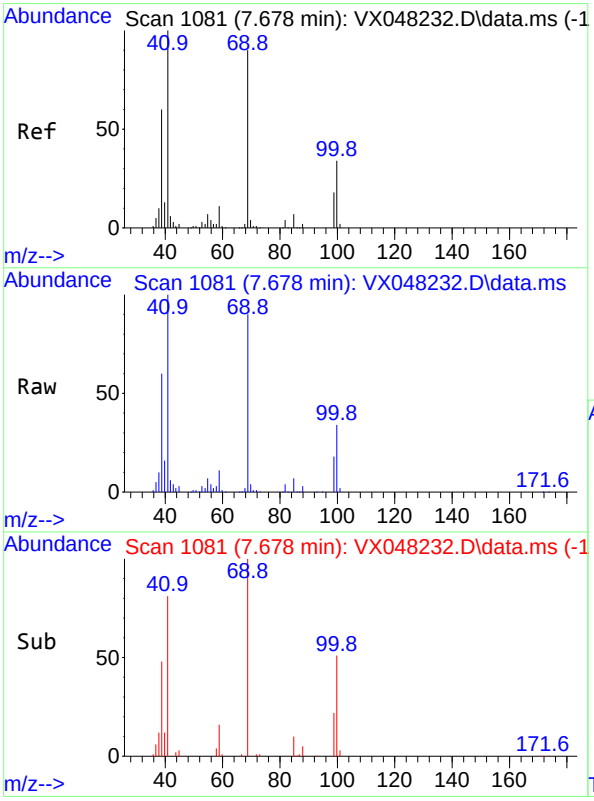
#47
Bromodichloromethane
Concen: 47.770 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 108671

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.2	78.4
127	9.0	7.3	10.9

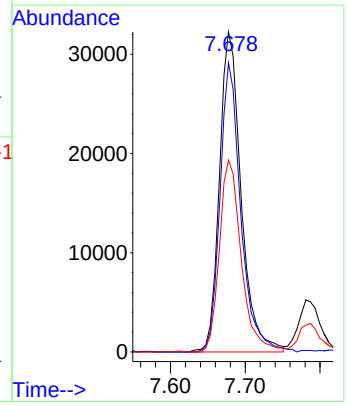


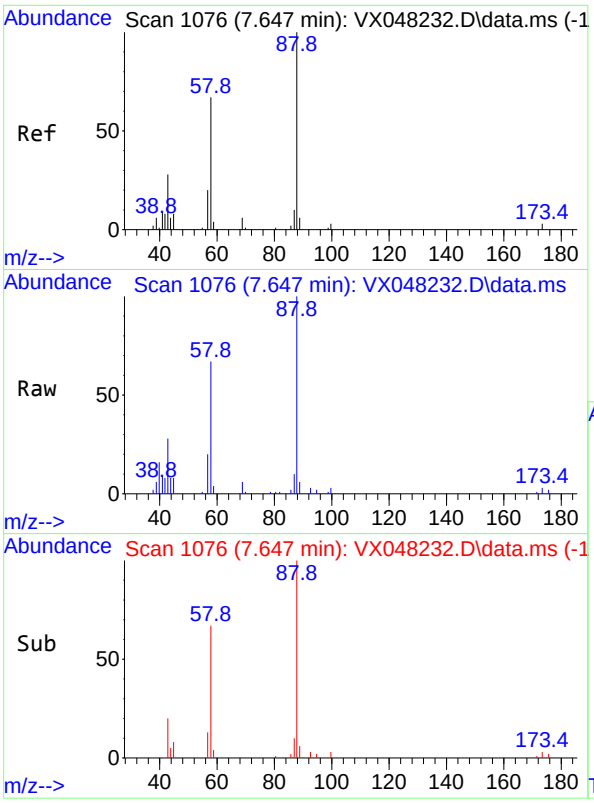


#48
Methyl methacrylate
Concen: 48.334 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 41 Resp: 65057

Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	60.5	47.1	70.7



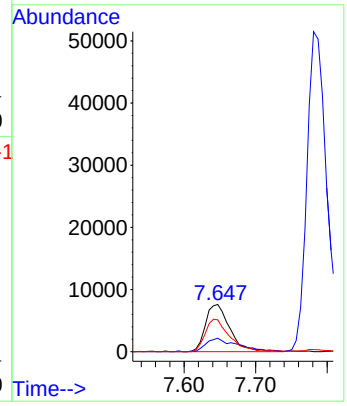


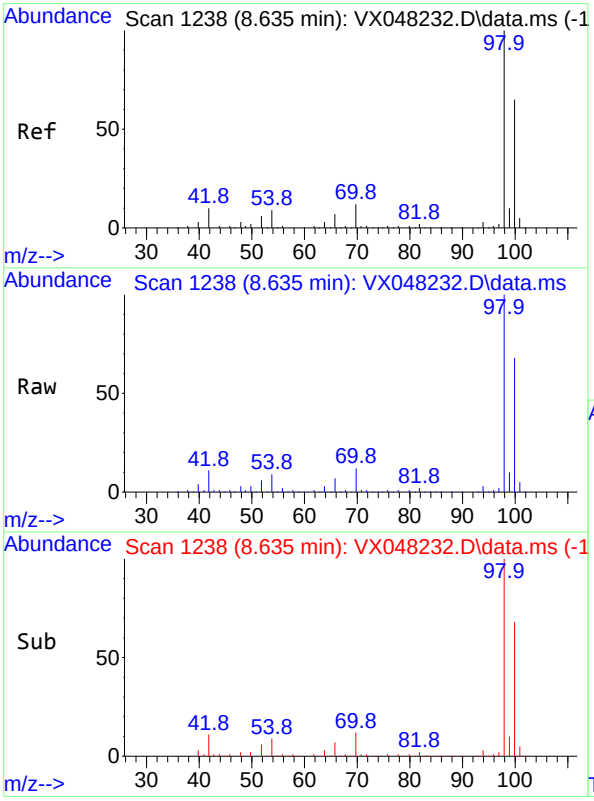
#49
1,4-Dioxane
Concen: 1006.888 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 17905

Ion	Ratio	Lower	Upper
88	100		
43	37.1	35.0	52.4
58	69.5	61.9	92.9

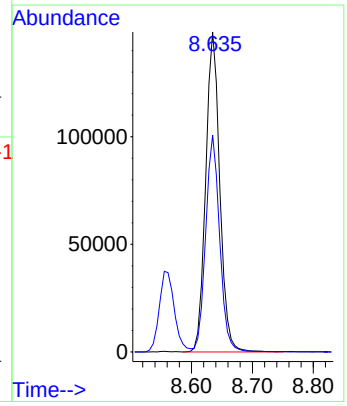


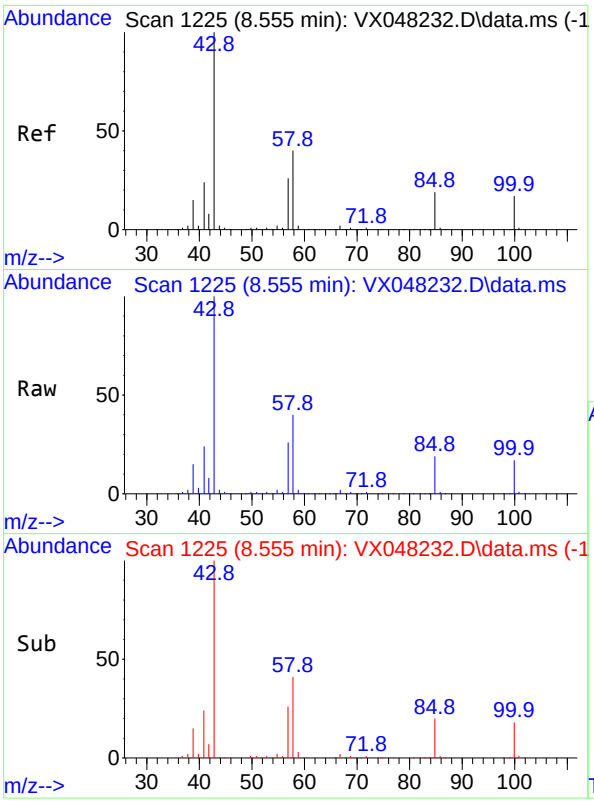


#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 98 Resp: 239295

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



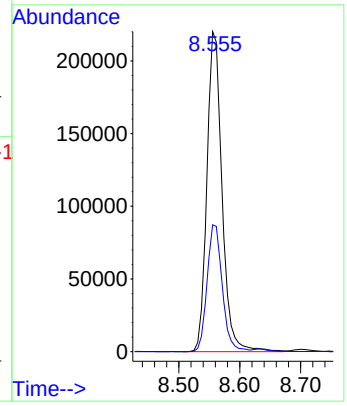


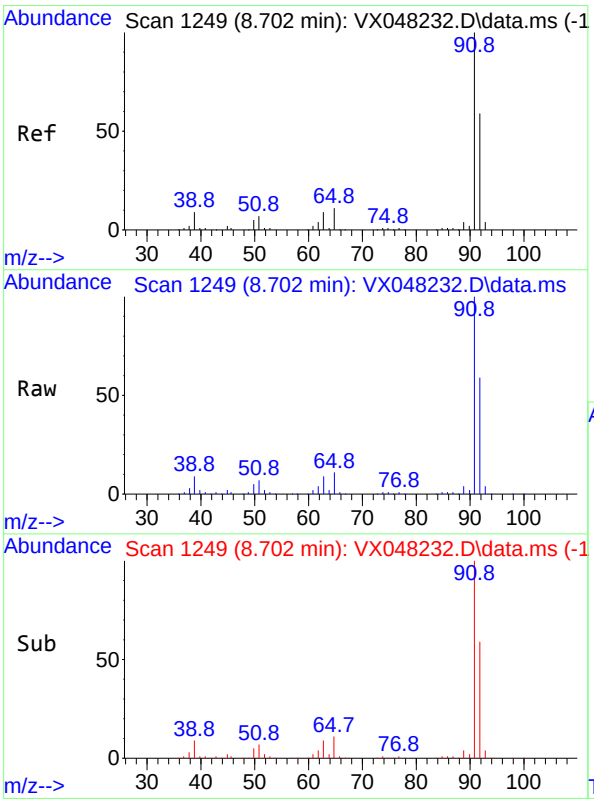
#51
4-Methyl-2-Pentanone
Concen: 247.515 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 380665

Ion	Ratio	Lower	Upper
43	100		
58	39.8	29.5	44.3

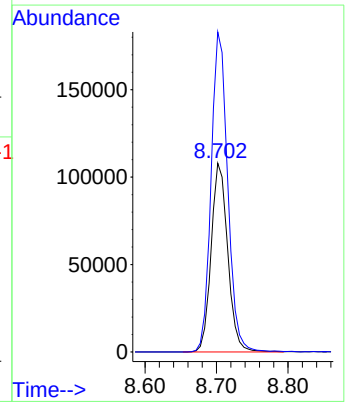


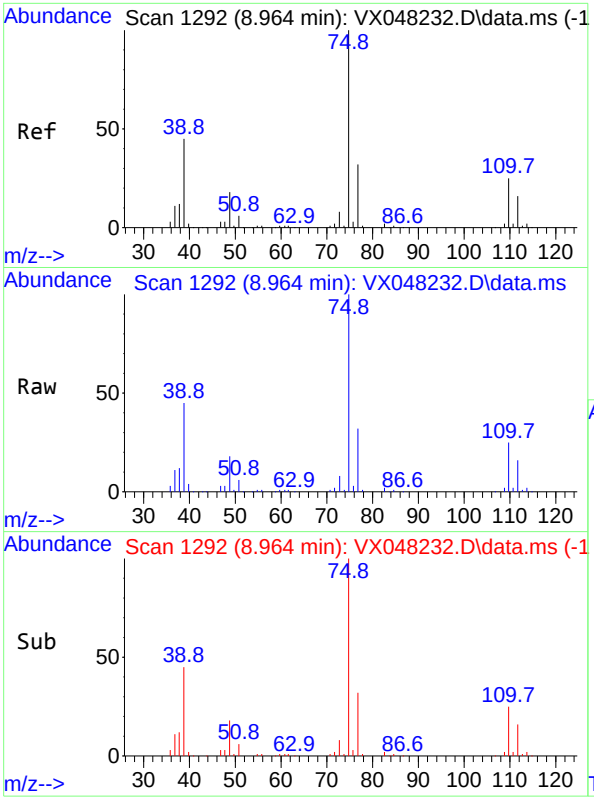


#52
Toluene
Concen: 48.136 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 92 Resp: 173942

Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.1	204.1



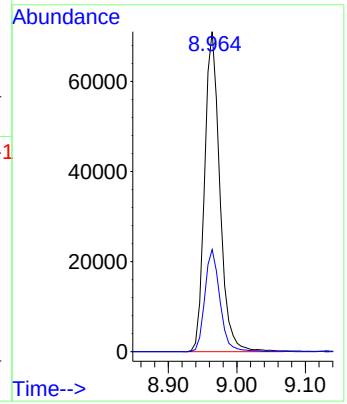


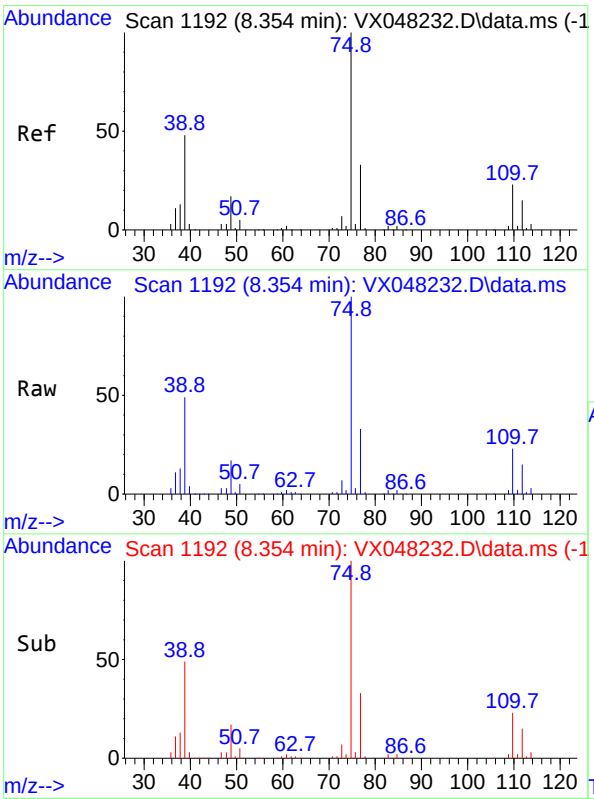
#53
t-1,3-Dichloropropene
Concen: 50.159 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 109960

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6

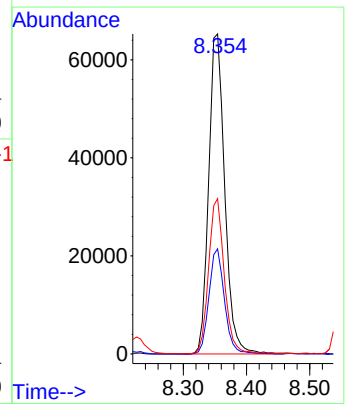


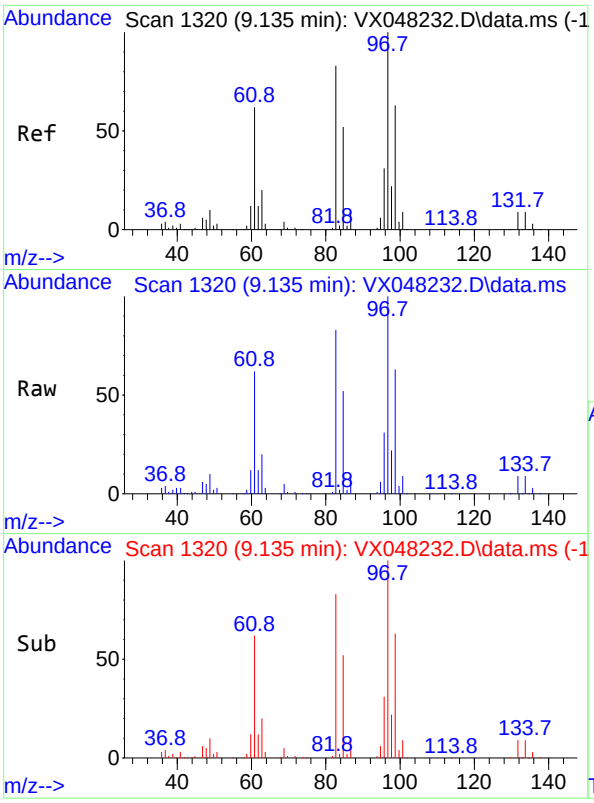


#54
cis-1,3-Dichloropropene
Concen: 48.847 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 115534

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.9	37.3
39	46.7	42.6	64.0



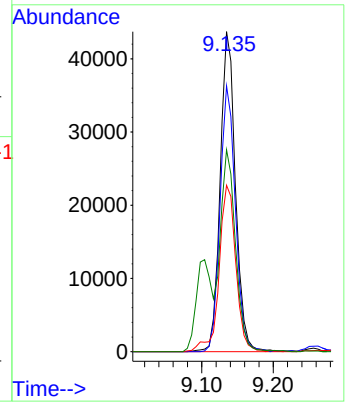


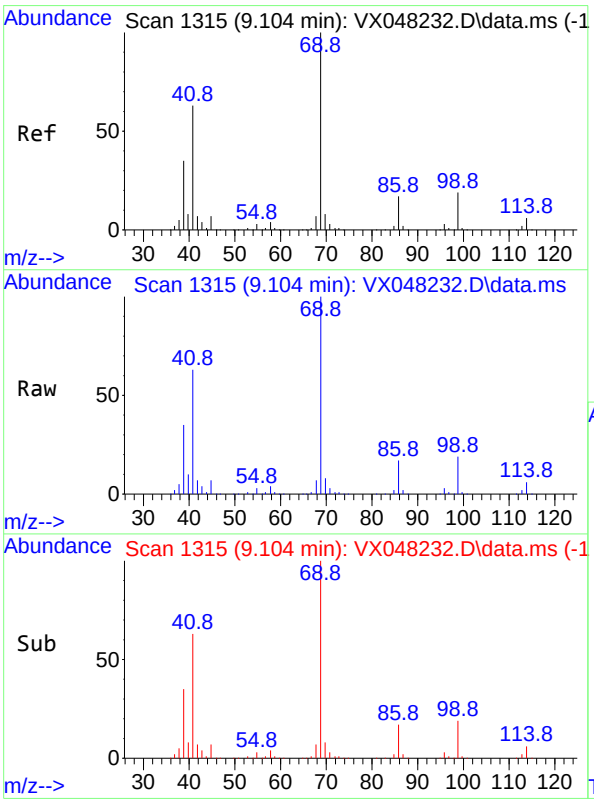
#55
1,1,2-Trichloroethane
Concen: 48.174 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 64737

Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.6	105.8
85	52.0	45.0	67.6
99	63.1	50.9	76.3

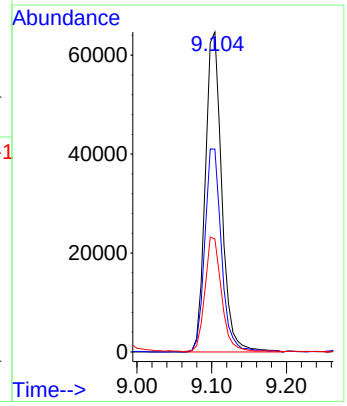


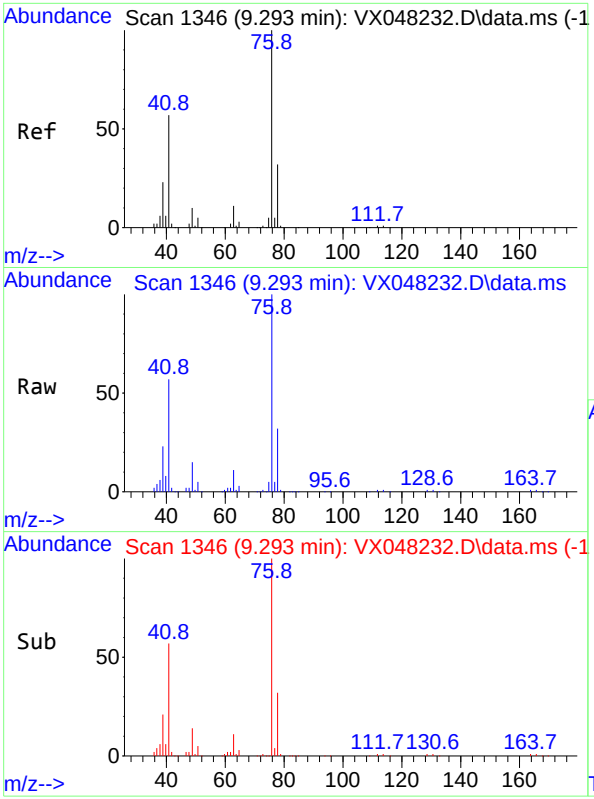


#56
Ethyl methacrylate
Concen: 50.292 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 69 Resp: 98851

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.9	31.6	47.4



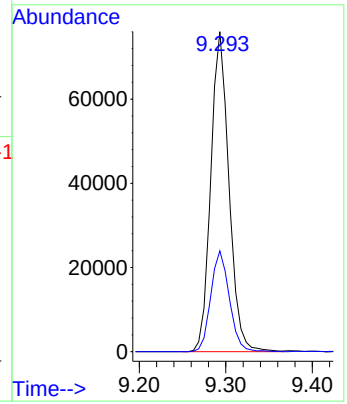


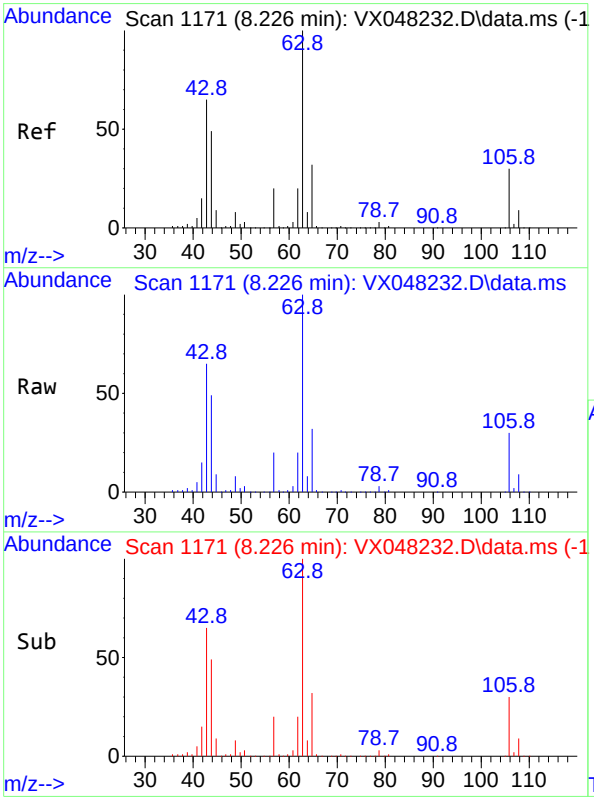
#57
1,3-Dichloropropane
Concen: 48.231 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 110709

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.0

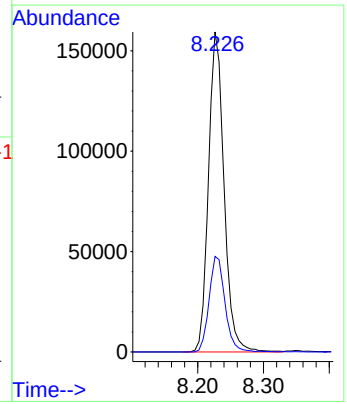


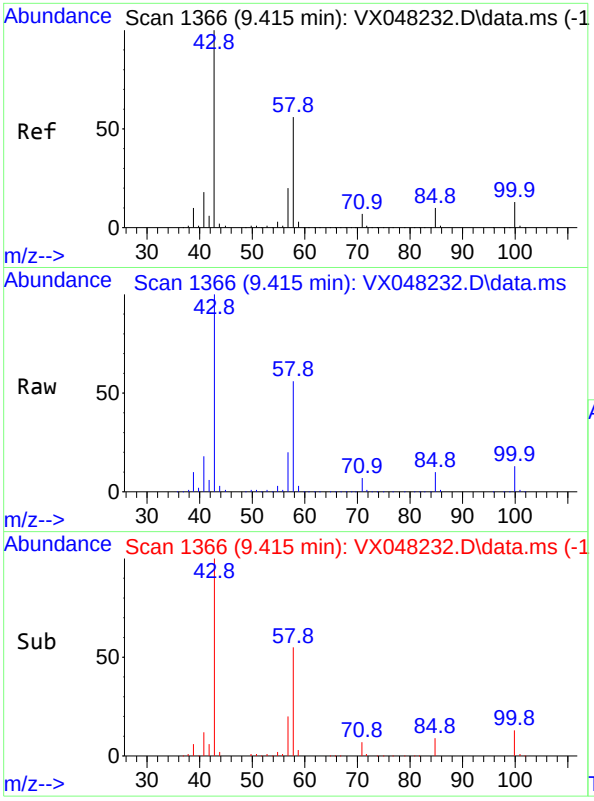


#58
2-Chloroethyl Vinyl ether
Concen: 248.279 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 63 Resp: 262387

Ion	Ratio	Lower	Upper
63	100		
106	30.6	22.2	33.2



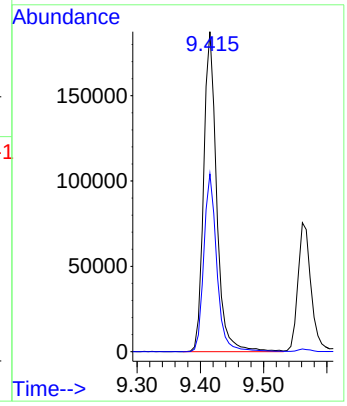


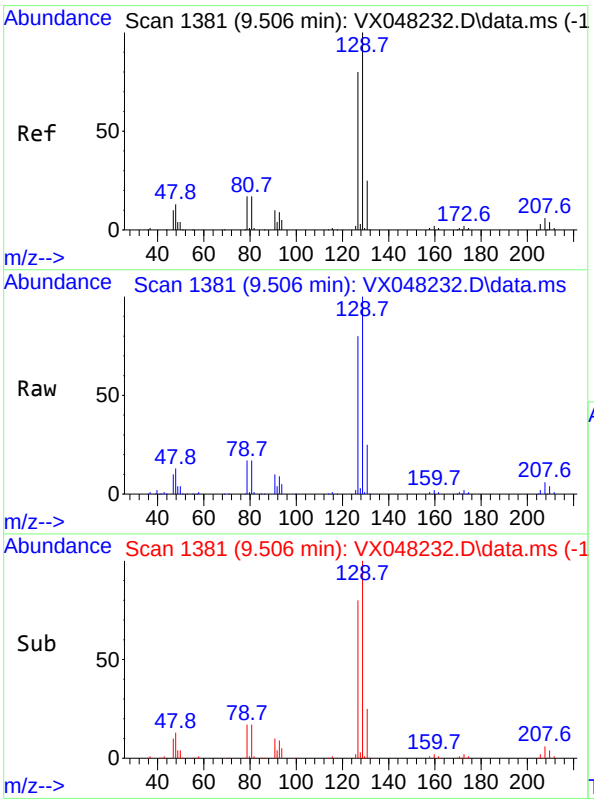
#59
2-Hexanone
Concen: 250.974 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 269143

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

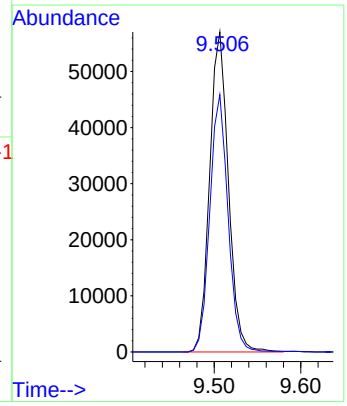


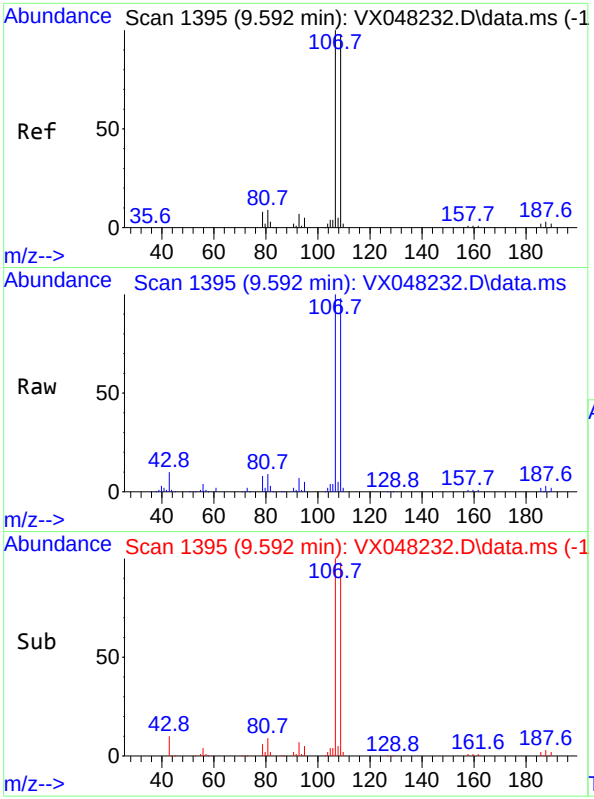


#60
Dibromochloromethane
Concen: 47.482 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:129 Resp: 85760

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.6	115.7



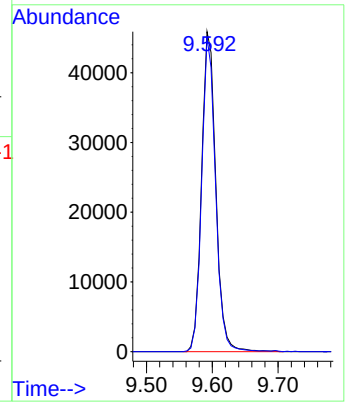


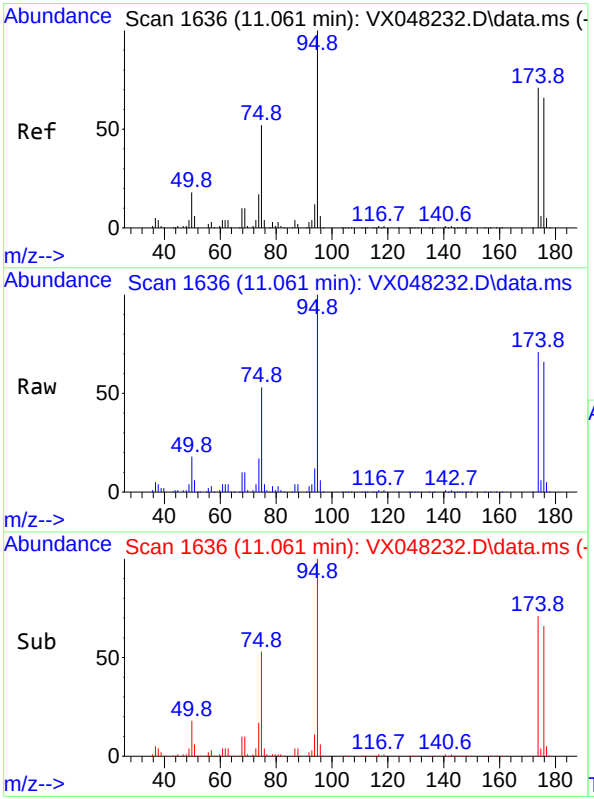
#61
1,2-Dibromoethane
Concen: 48.180 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 69022

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.0	115.4

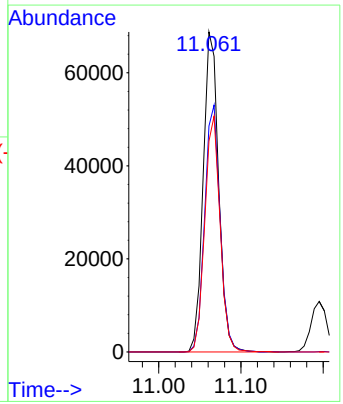


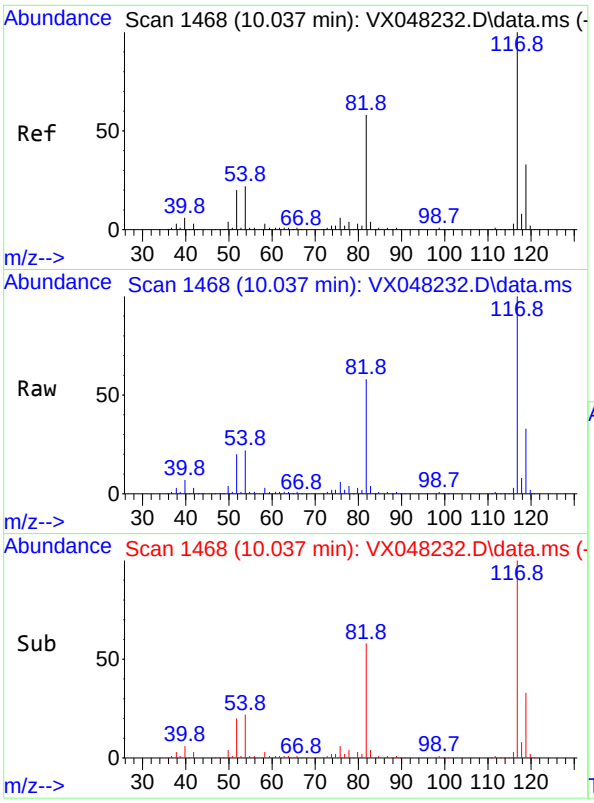


#62
4-Bromofluorobenzene
Concen: 48.737 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 95 Resp: 89579

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	147.8
176	73.3	0.0	142.8



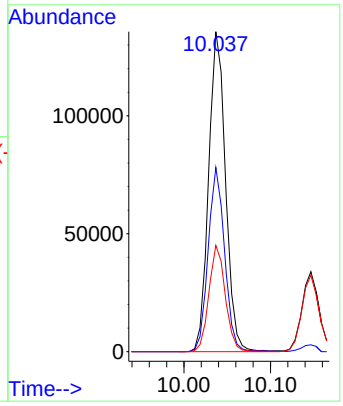


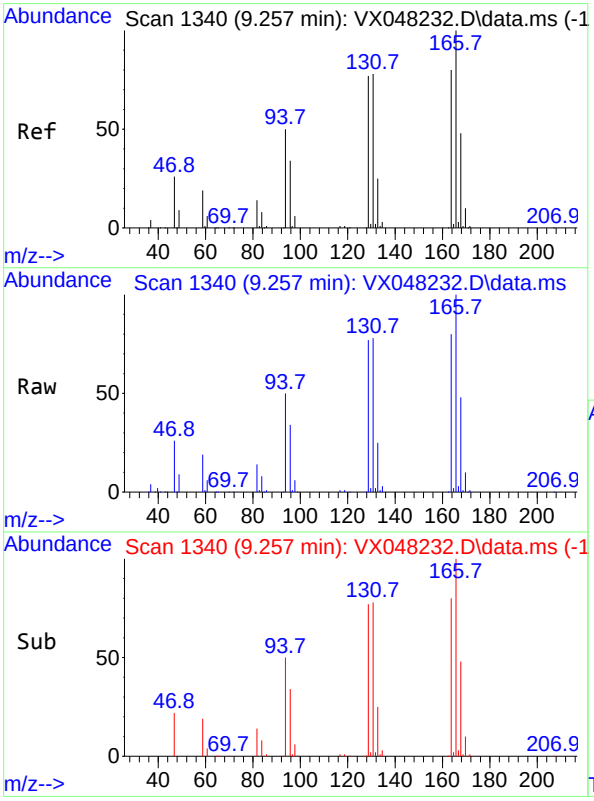
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 184494

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.5	69.7
119	33.2	25.9	38.9

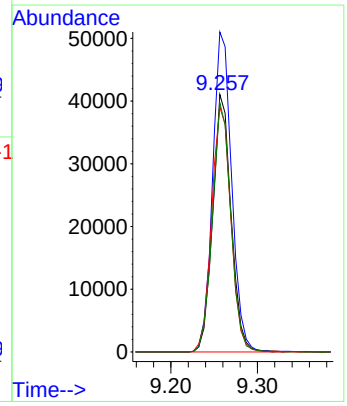


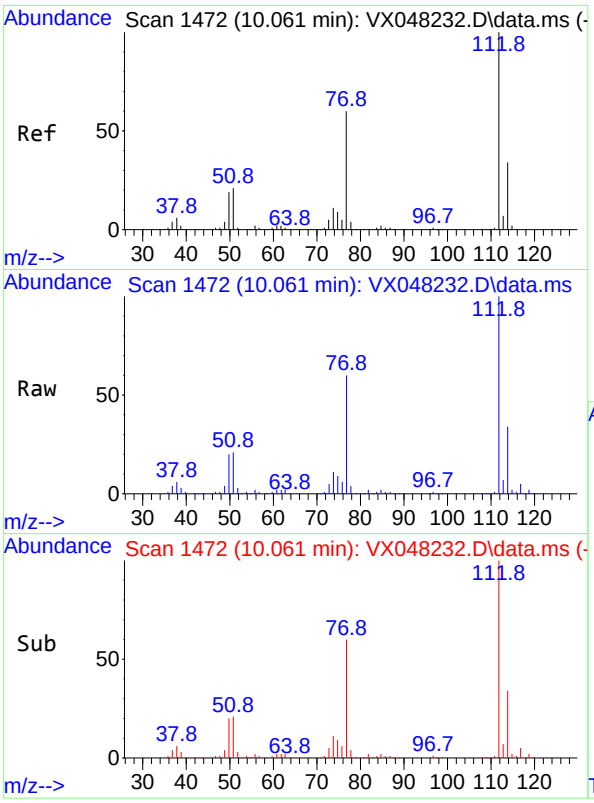


#64
Tetrachloroethene
Concen: 43.934 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:164 Resp: 60510

Ion	Ratio	Lower	Upper
164	100		
166	124.3	104.5	156.7
129	95.1	81.8	122.6
131	96.8	77.0	115.6



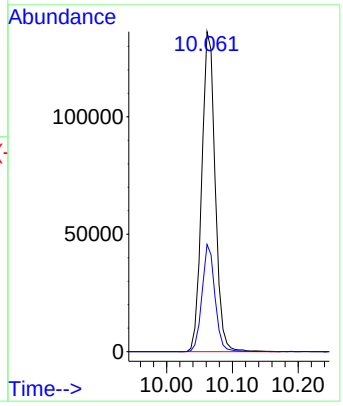


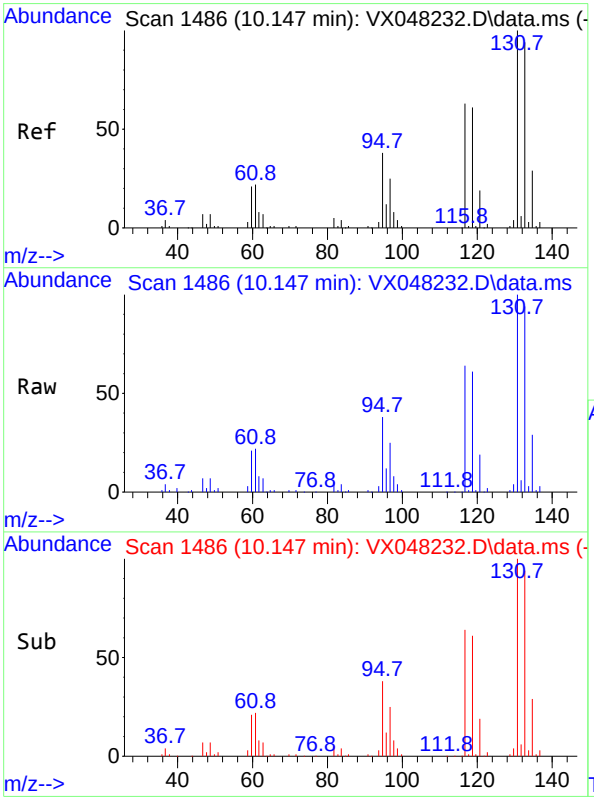
#65
Chlorobenzene
Concen: 46.465 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 192841

Ion	Ratio	Lower	Upper
112	100		
114	33.5	26.2	39.2

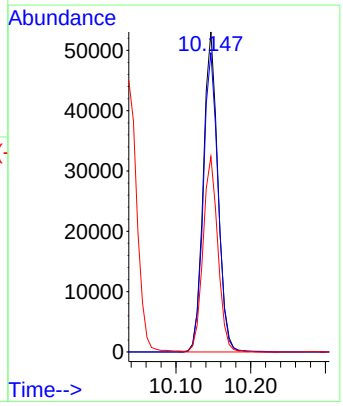


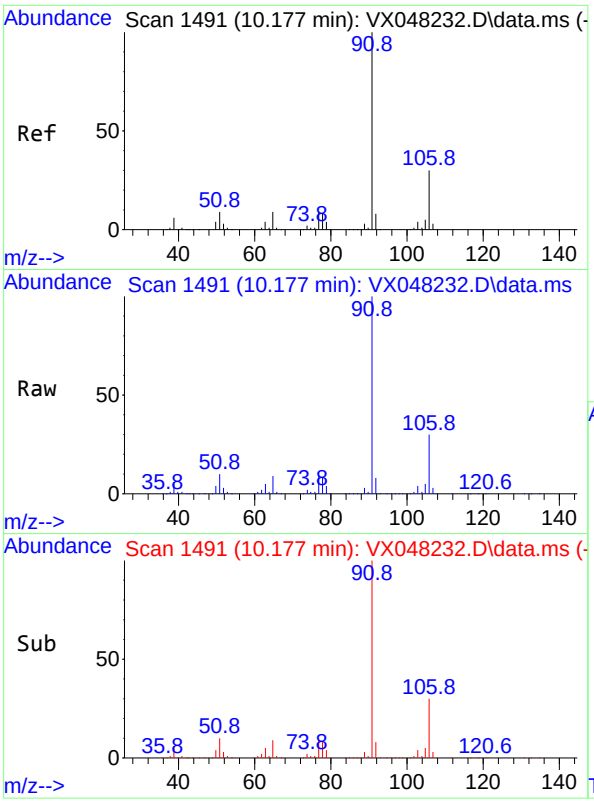


#66
1,1,1,2-Tetrachloroethane
Concen: 47.187 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:131 Resp: 71930

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.6	142.8
119	62.0	32.5	97.5



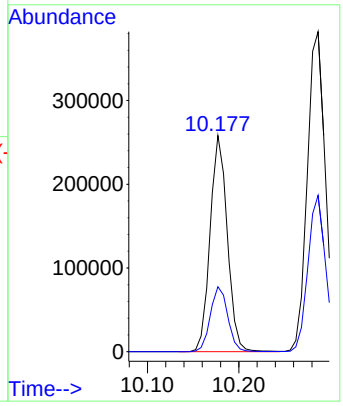


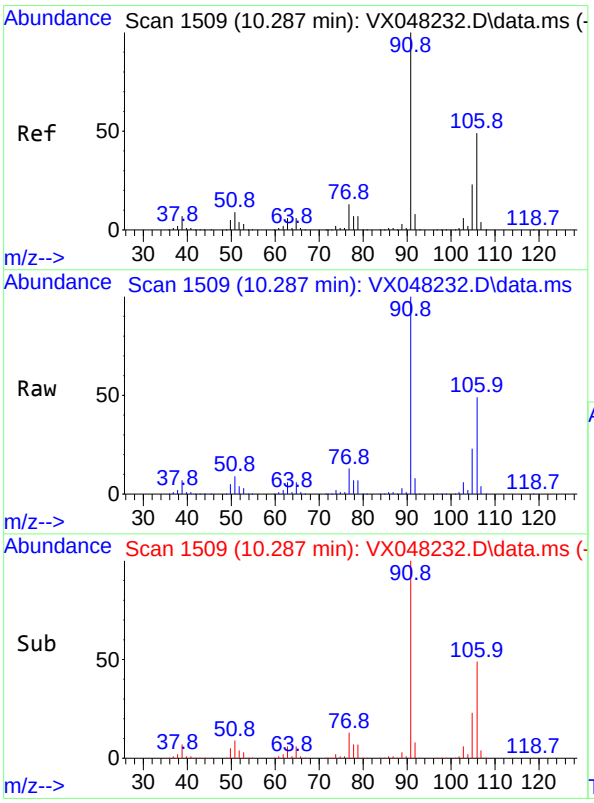
#67
Ethyl Benzene
Concen: 47.645 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 336660

Ion	Ratio	Lower	Upper
91	100		
106	30.1	23.8	35.6

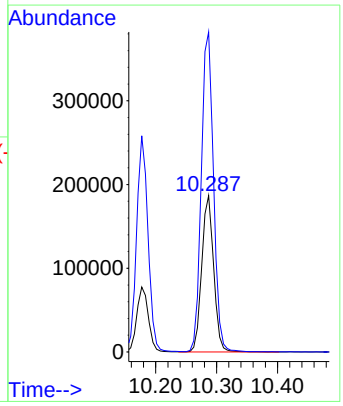


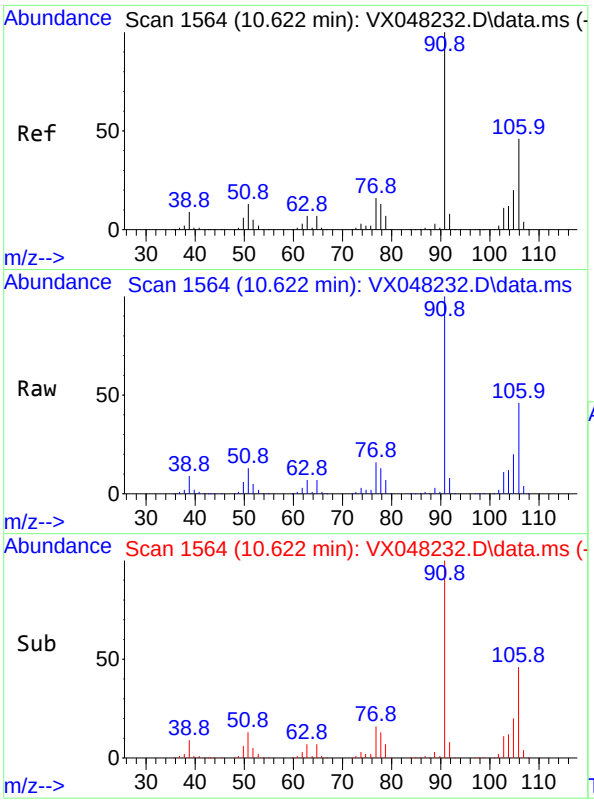


#68
m/p-Xylenes
Concen: 96.619 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:106 Resp: 253662

Ion	Ratio	Lower	Upper
106	100		
91	209.1	167.9	251.9



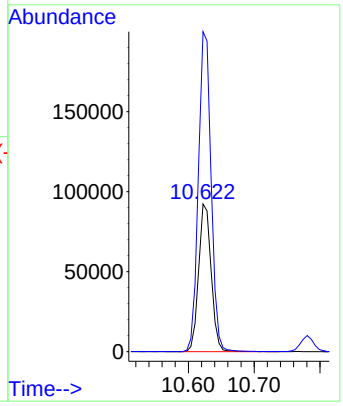


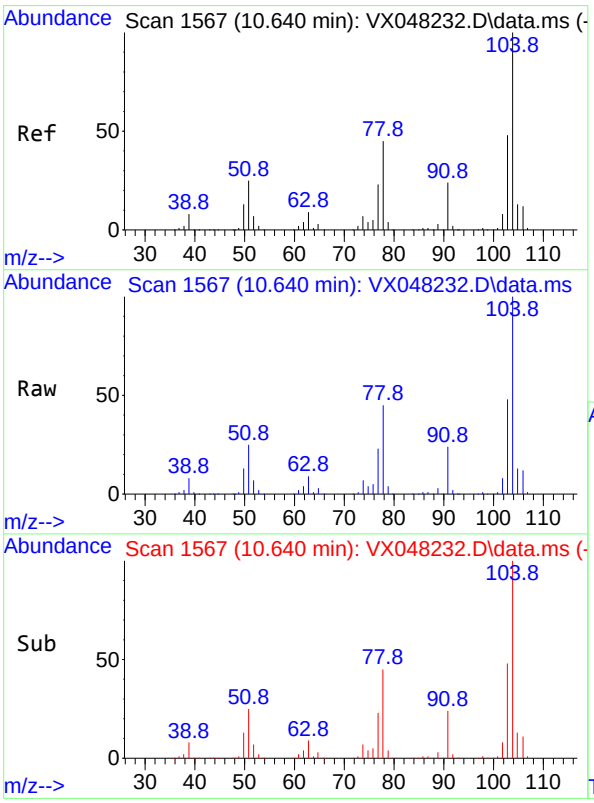
#69
o-Xylene
Concen: 48.363 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 122582

Ion	Ratio	Lower	Upper
106	100		
91	219.2	111.3	333.9

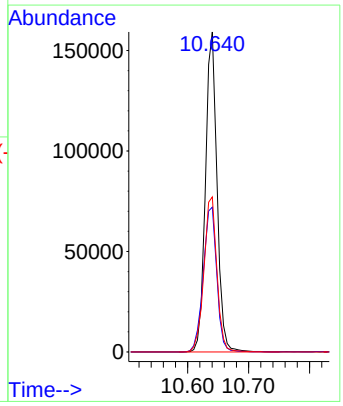


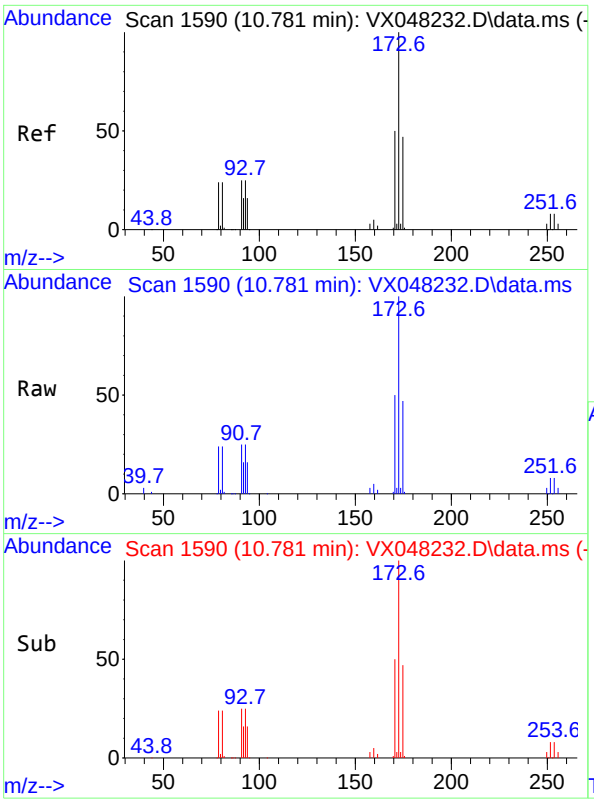


#70
Styrene
Concen: 48.857 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:104 Resp: 210861

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	54.4	43.0	64.4



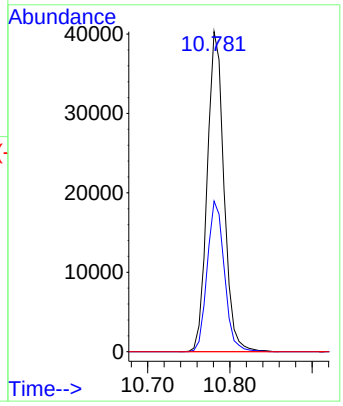


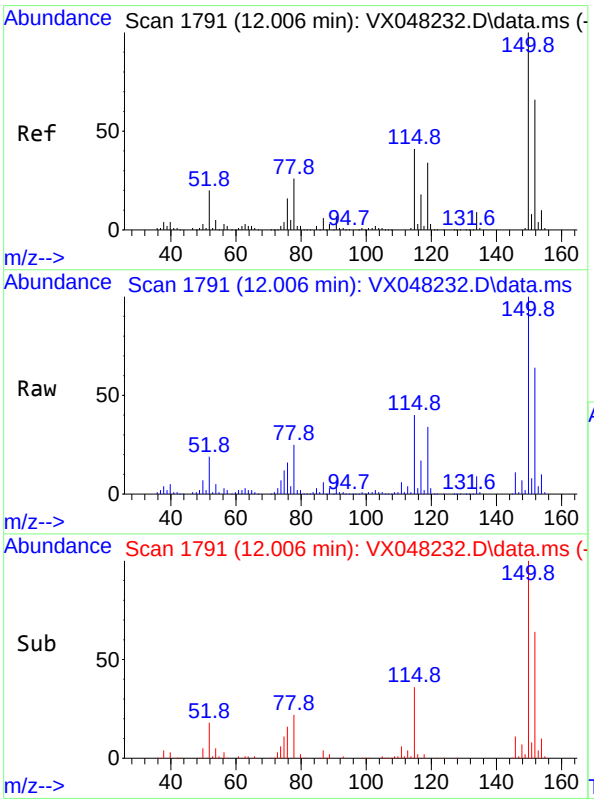
#71
Bromoform
Concen: 46.682 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 56874

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

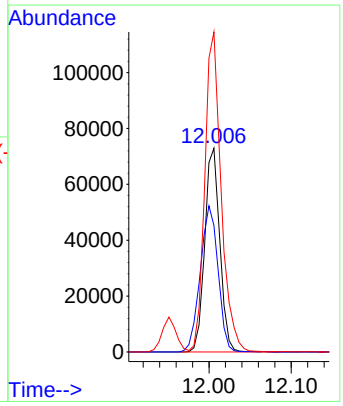


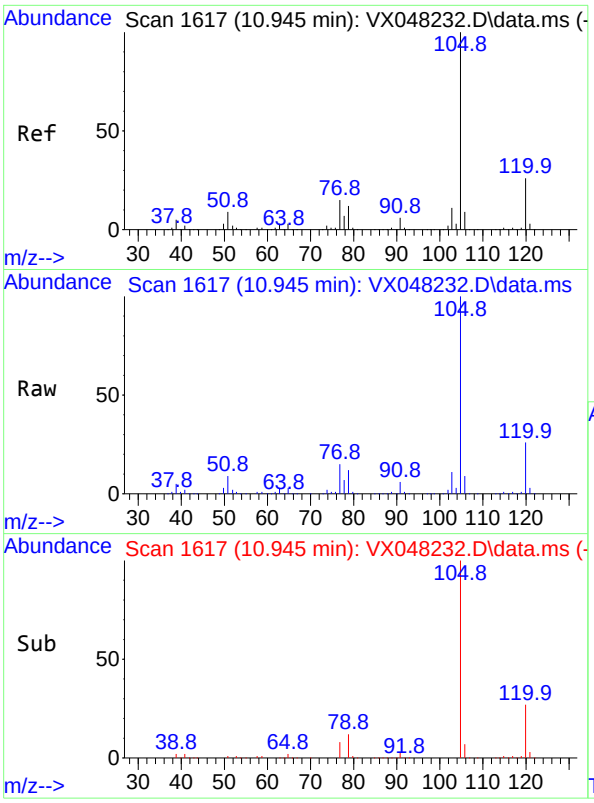


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:152 Resp: 92693

Ion	Ratio	Lower	Upper
152	100		
115	84.9	43.1	129.4
150	171.1	0.0	353.0



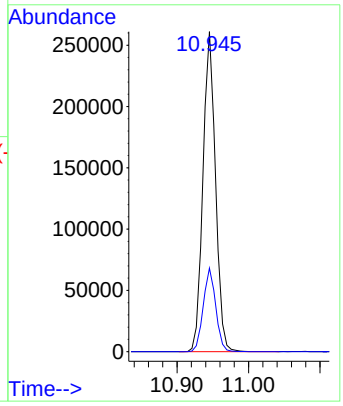


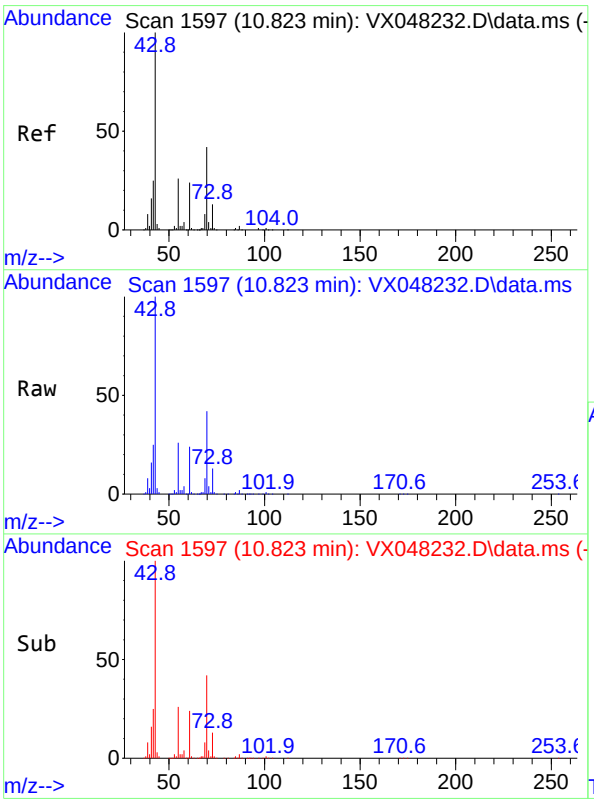
#73
Isopropylbenzene
Concen: 46.966 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 317974

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9

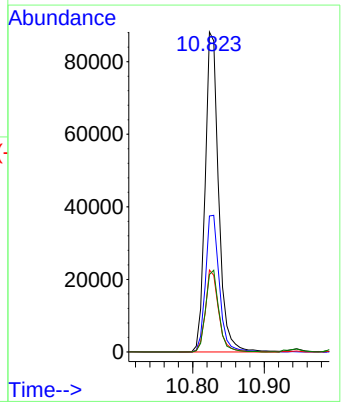


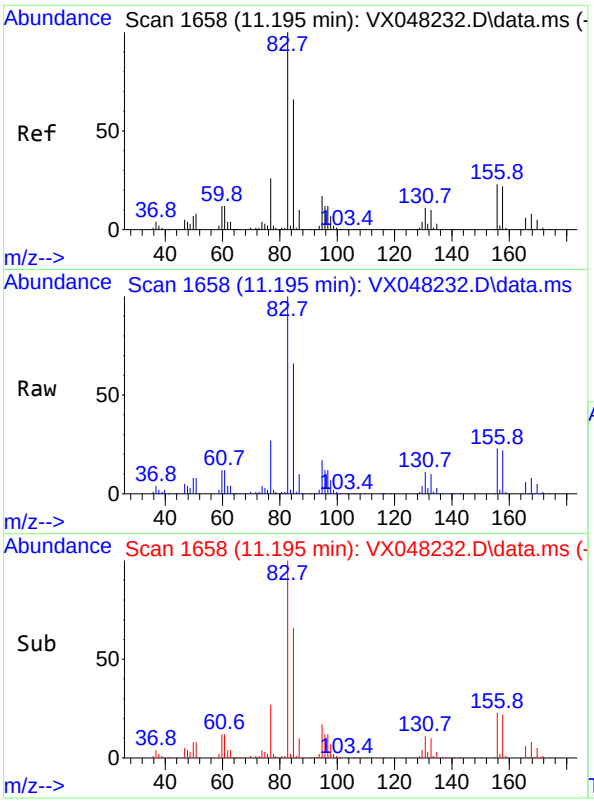


#74
N-amyl acetate
Concen: 48.171 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 43 Resp: 115683

Ion	Ratio	Lower	Upper
43	100		
70	43.8	32.2	48.2
55	25.1	19.1	28.7
61	25.1	18.6	28.0



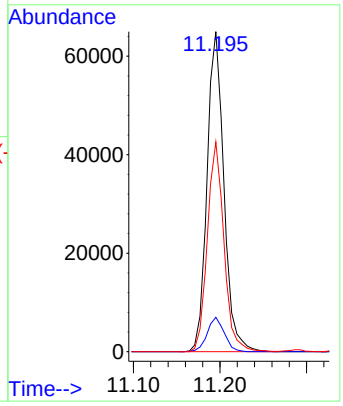


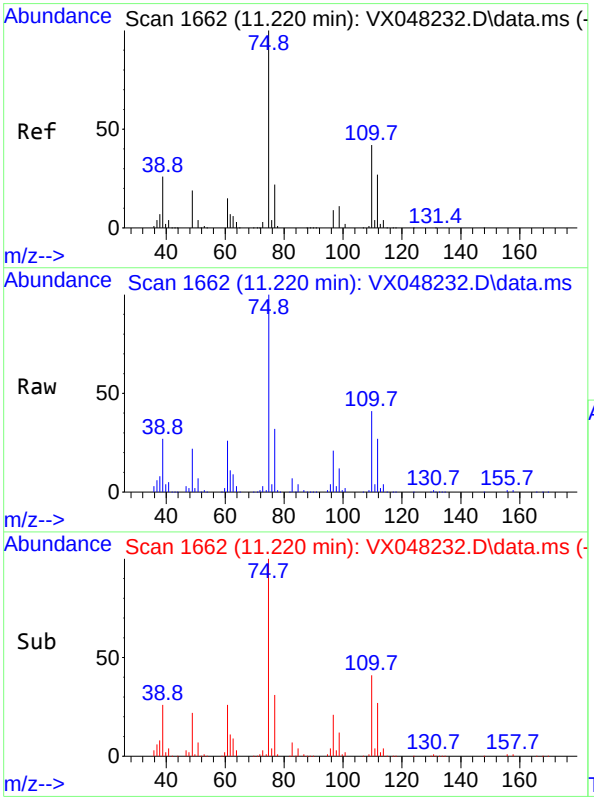
#75
1,1,2,2-Tetrachloroethane
Concen: 47.437 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 87705

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.8	14.4
85	64.5	31.9	95.7

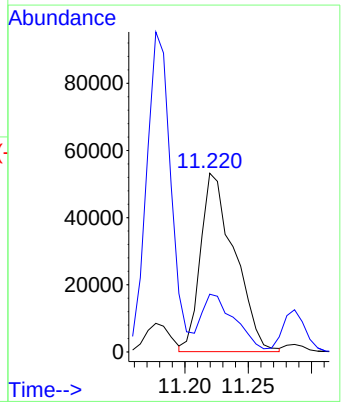


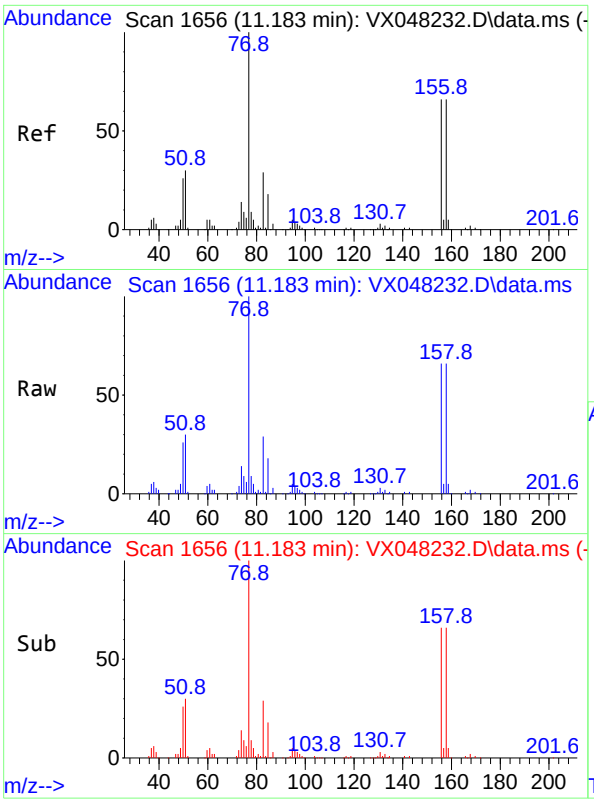


#76
1,2,3-Trichloropropane
Concen: 66.118 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 99387

Ion	Ratio	Lower	Upper
75	100		
77	30.9	22.4	67.2



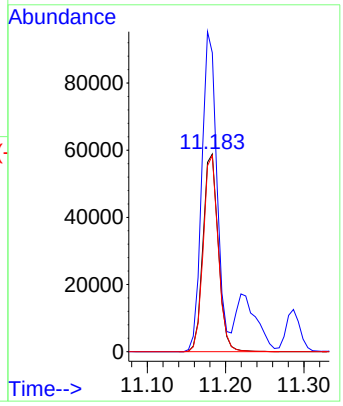


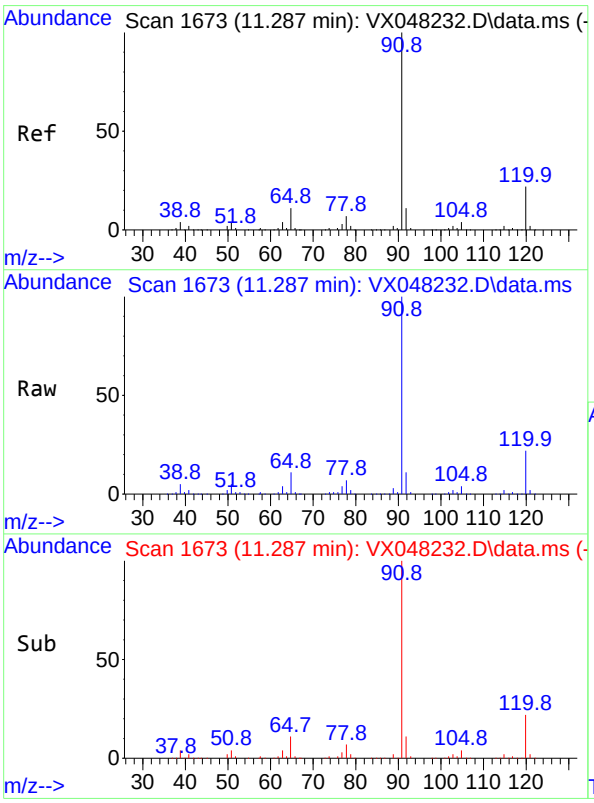
#77
Bromobenzene
Concen: 46.856 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 79543

Ion	Ratio	Lower	Upper
156	100		
77	161.6	87.0	261.0
158	97.3	47.8	143.4

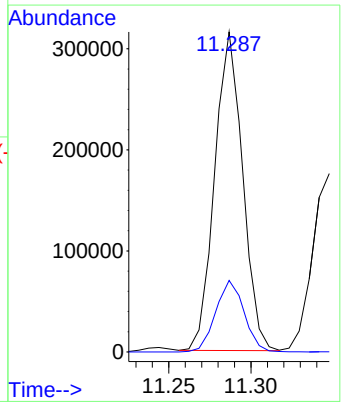


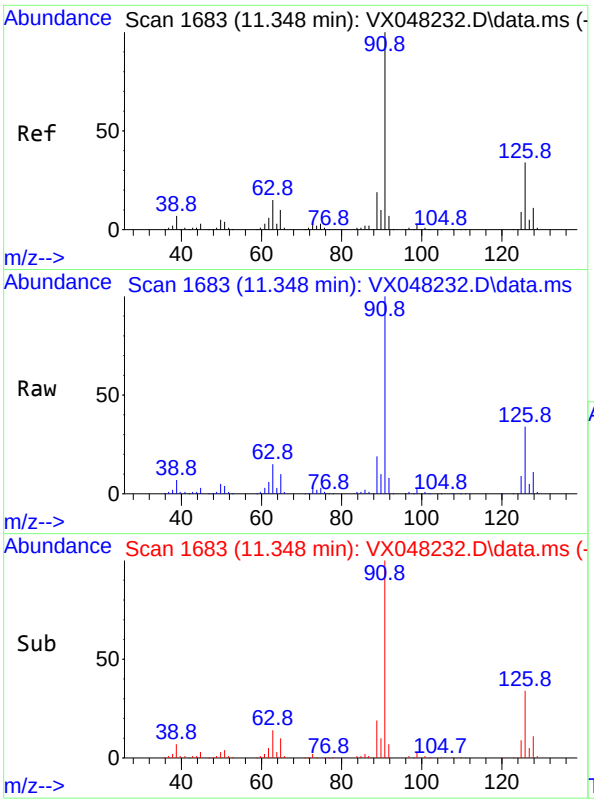


#78
n-propylbenzene
Concen: 47.496 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 372312

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1



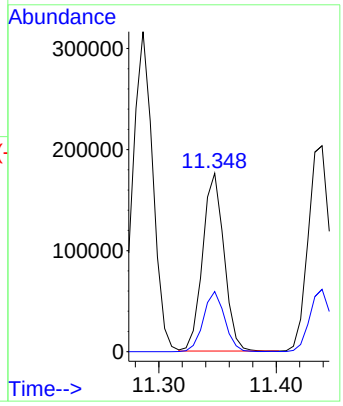


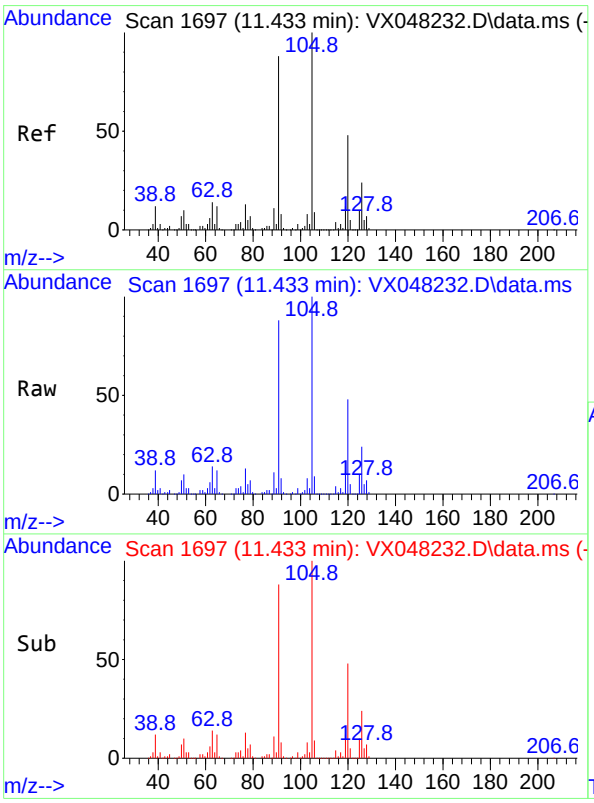
#79
2-Chlorotoluene
Concen: 46.757 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 222217

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.4	49.4

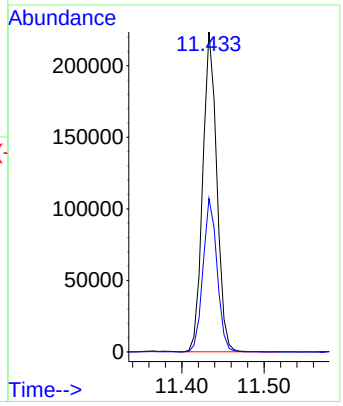


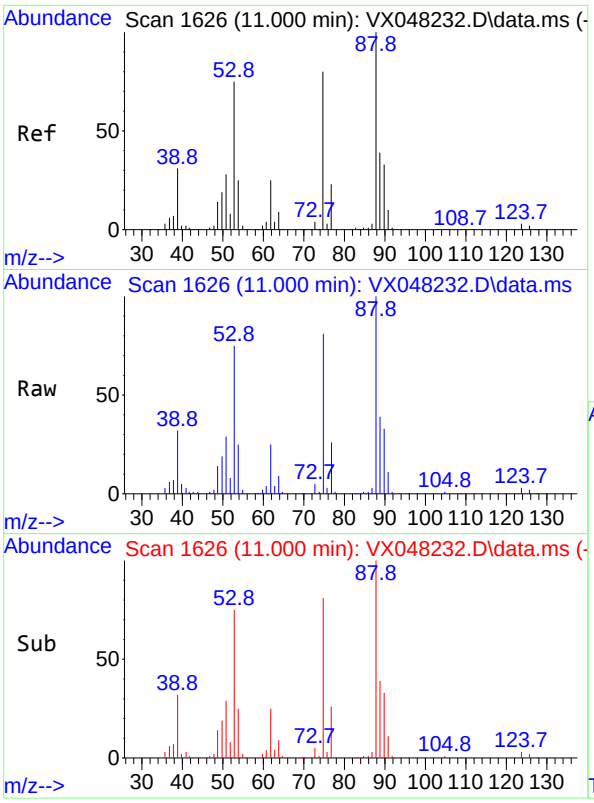


#80
1,3,5-Trimethylbenzene
Concen: 47.329 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265174

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.0	72.0



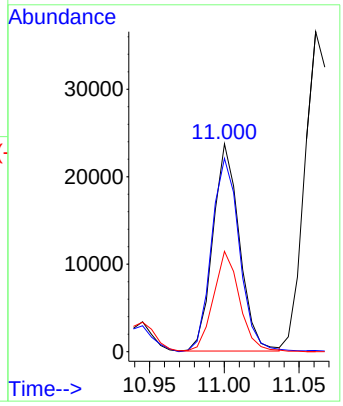


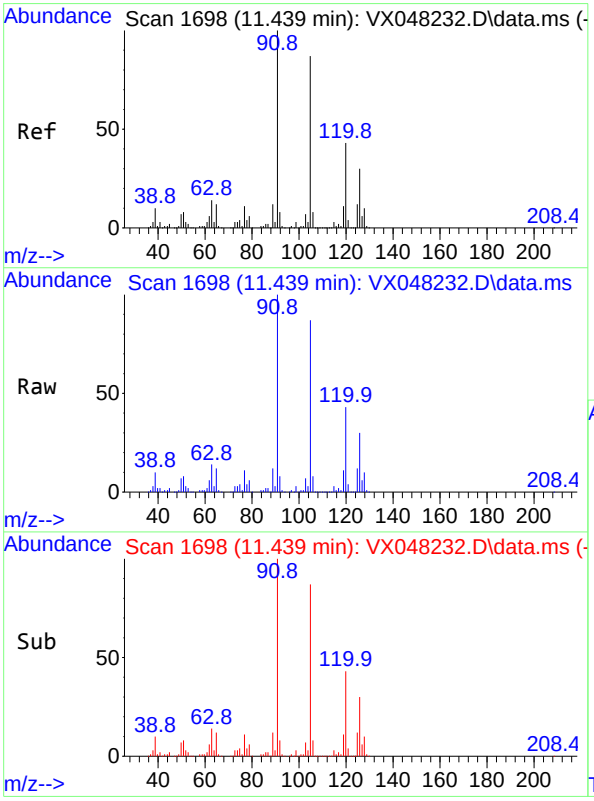
#81
trans-1,4-Dichloro-2-butene
Concen: 47.415 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 29295

Ion	Ratio	Lower	Upper
75	100		
53	98.5	79.5	119.3
89	48.0	36.8	55.2

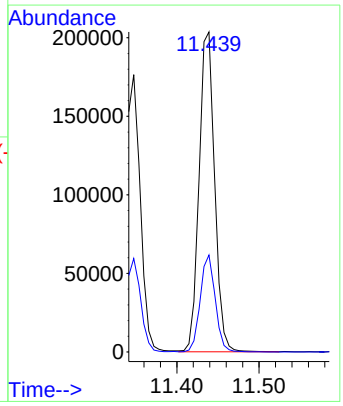


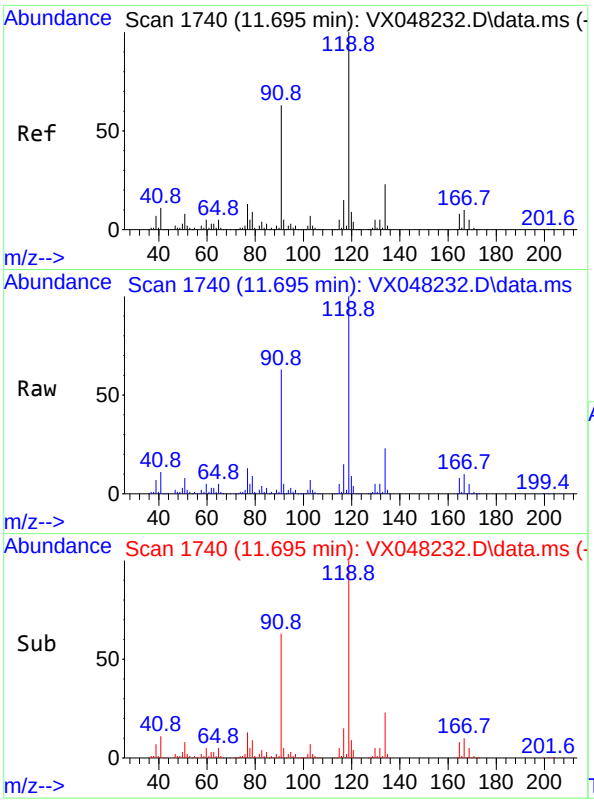


#82
4-Chlorotoluene
Concen: 47.367 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 91 Resp: 267236

Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.1	42.4



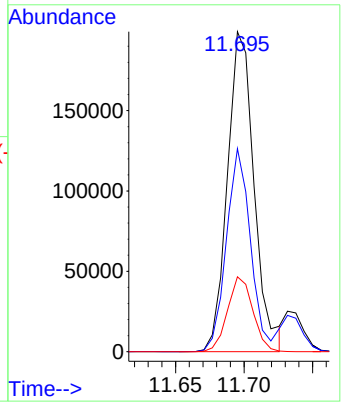


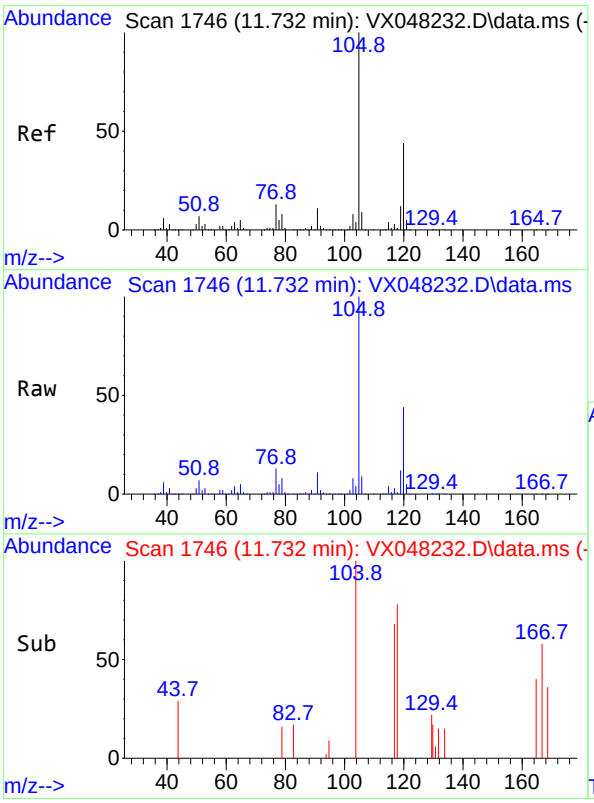
#83
tert-Butylbenzene
Concen: 46.938 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 270202

Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	91.0
134	22.2	11.4	34.2

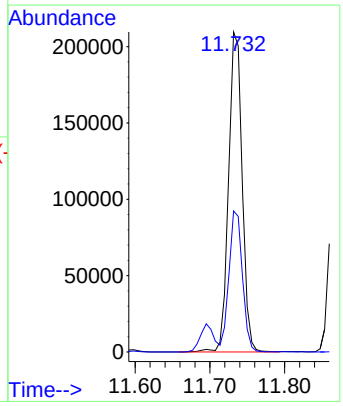


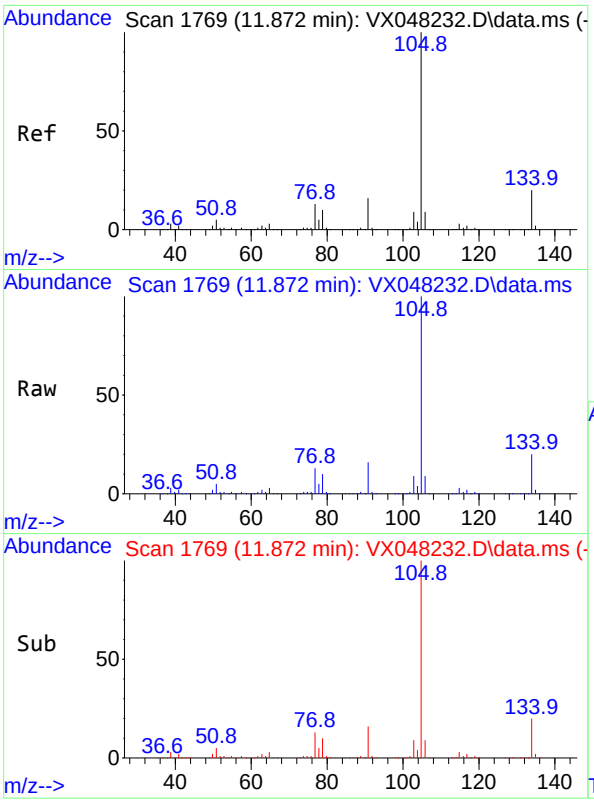


#84
1,2,4-Trimethylbenzene
Concen: 47.480 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:105 Resp: 265485

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5



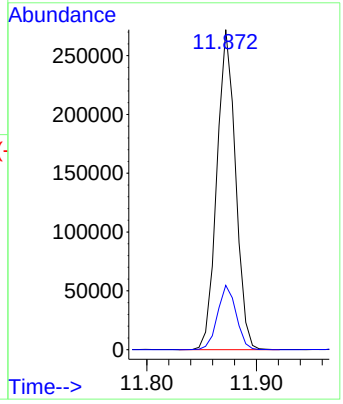


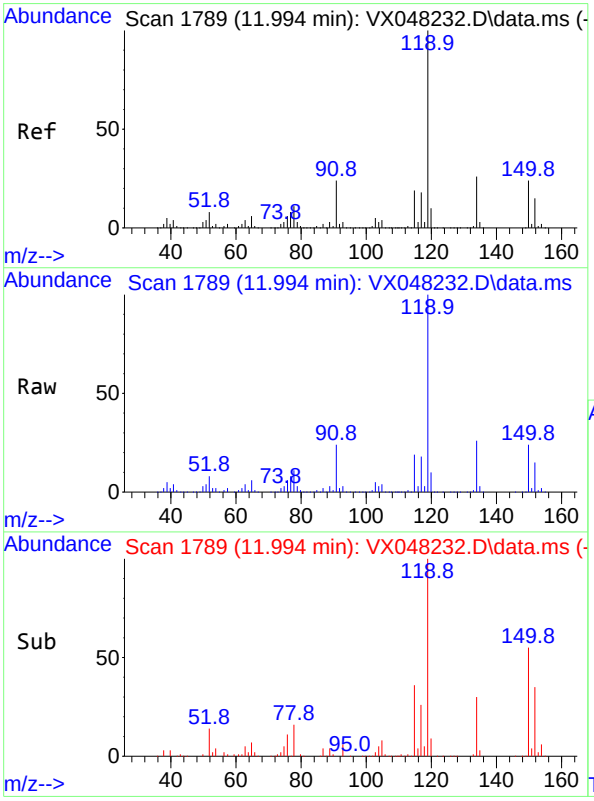
#85
sec-Butylbenzene
Concen: 46.524 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 322219

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

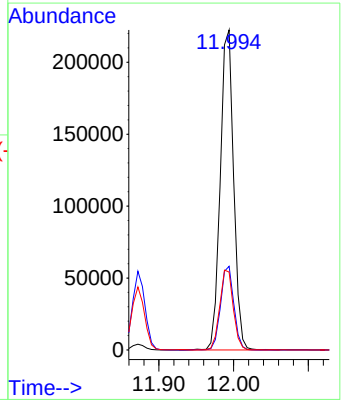


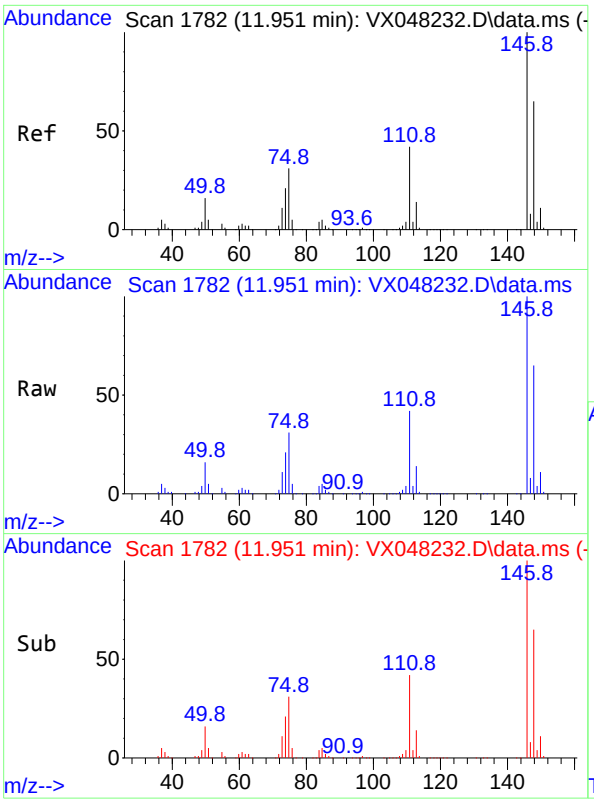


#86
p-Isopropyltoluene
Concen: 46.242 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:119 Resp: 276821

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	25.3	12.1	36.3



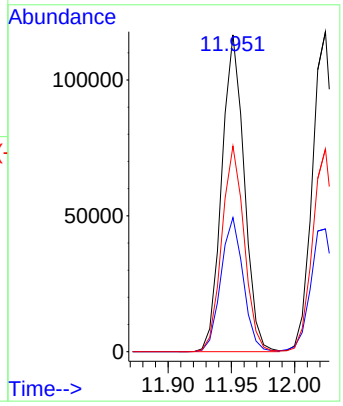


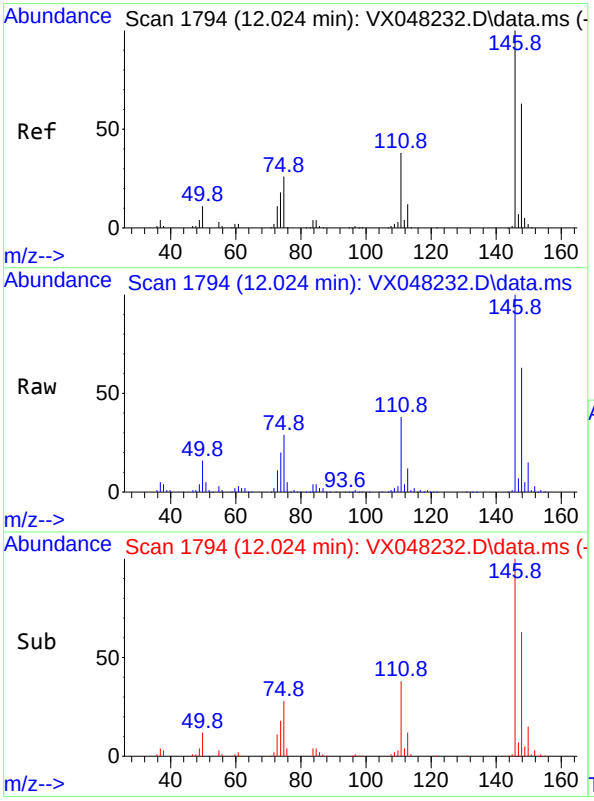
#87
1,3-Dichlorobenzene
Concen: 44.902 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 143699

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.2
148	64.6	31.9	95.9

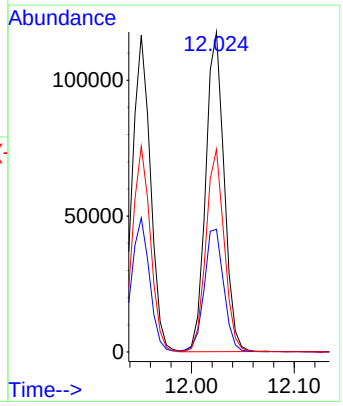


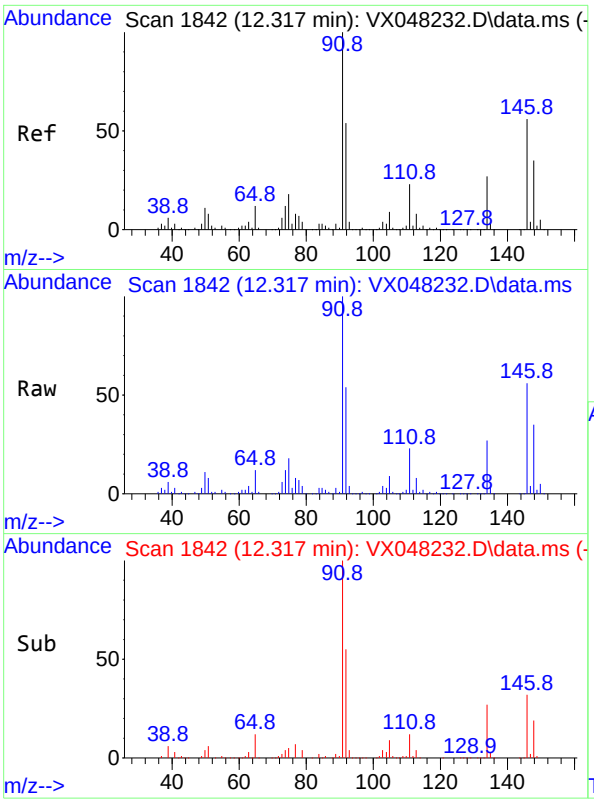


#88
1,4-Dichlorobenzene
Concen: 44.097 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:146 Resp: 146196

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	63.3	31.8	95.3



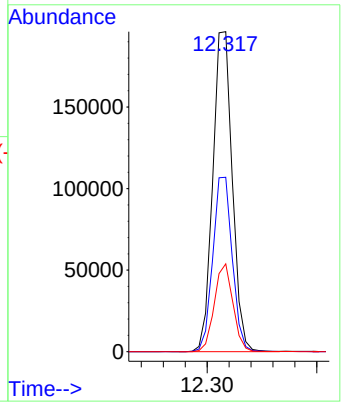


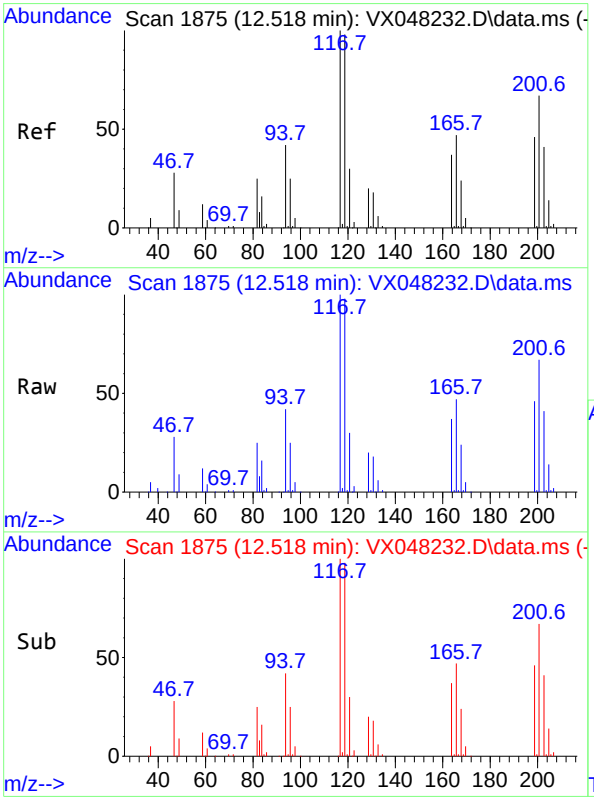
#89
n-Butylbenzene
Concen: 44.609 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 243063

Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.9	80.6
134	26.2	12.7	38.1

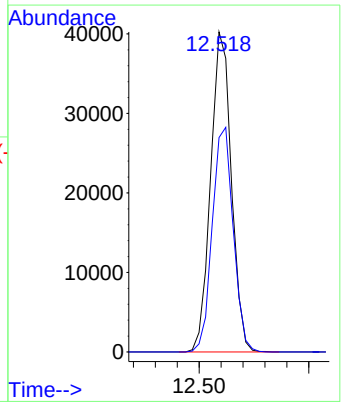


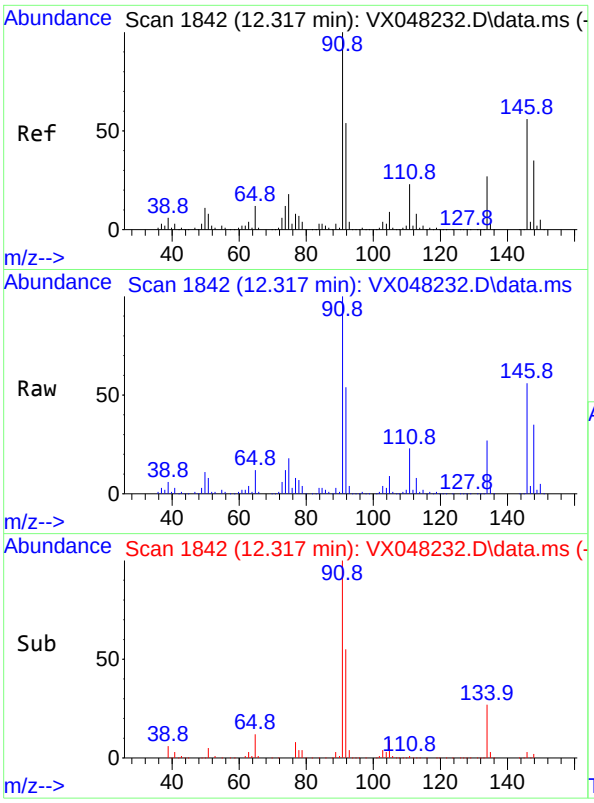


#90
Hexachloroethane
Concen: 44.609 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:117 Resp: 52735

Ion	Ratio	Lower	Upper
117	100		
201	71.2	34.1	102.2



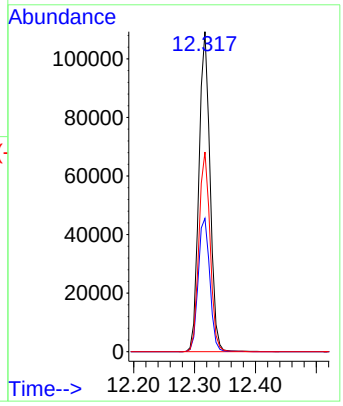


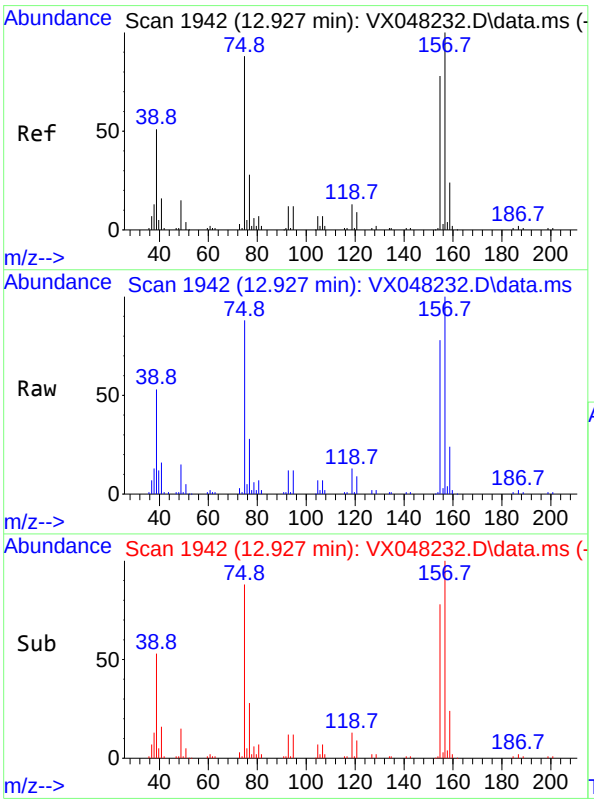
#91
1,2-Dichlorobenzene
Concen: 46.091 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 138489

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.5
148	62.9	31.9	95.5

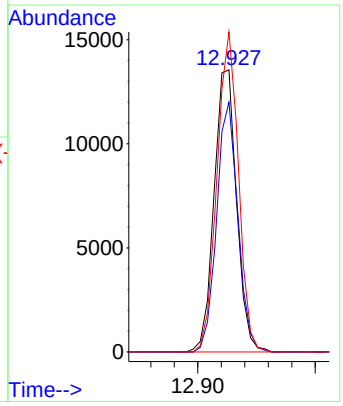


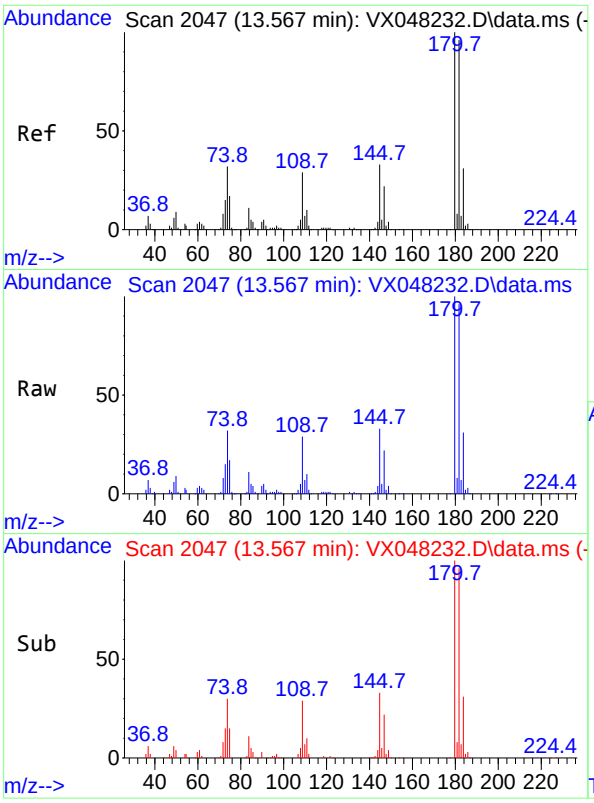


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.120 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion: 75 Resp: 18059

Ion	Ratio	Lower	Upper
75	100		
155	83.5	42.8	128.4
157	108.0	54.2	162.6



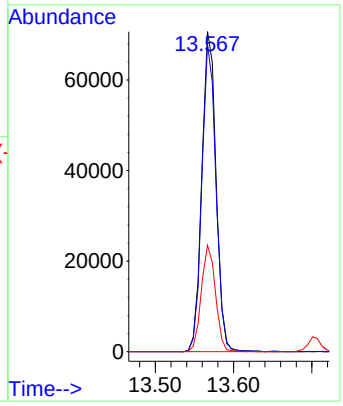


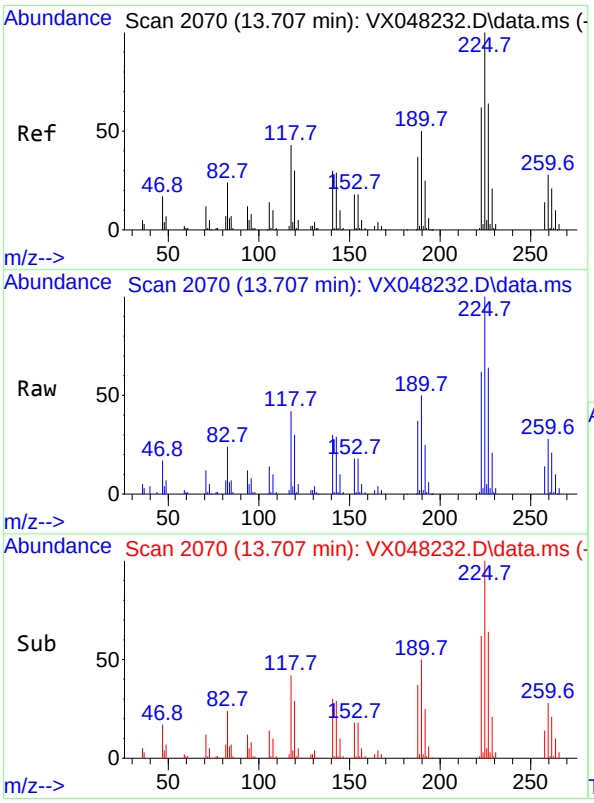
#93
1,2,4-Trichlorobenzene
Concen: 43.761 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 88920

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	33.1	16.3	48.9

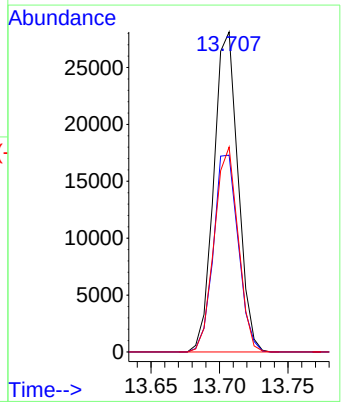


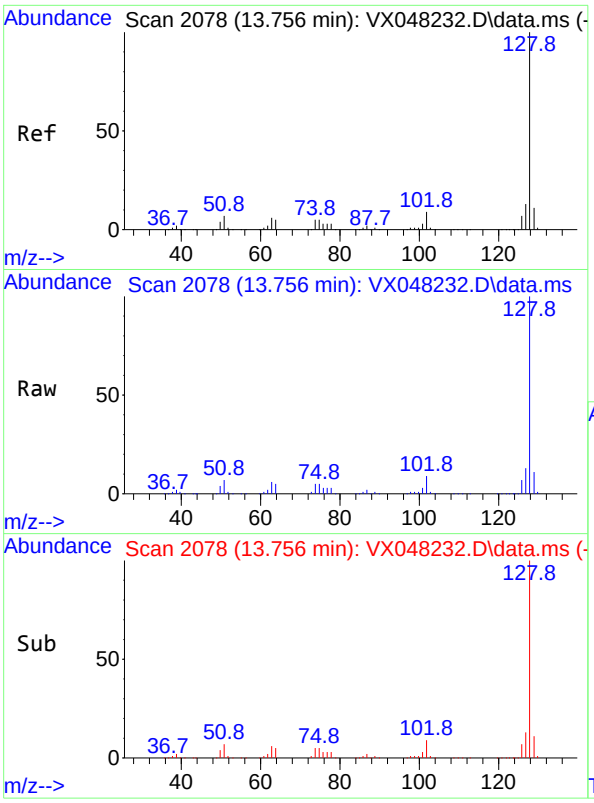


#94
Hexachlorobutadiene
Concen: 45.467 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:225 Resp: 34615

Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.6	97.7
227	62.9	32.5	97.4



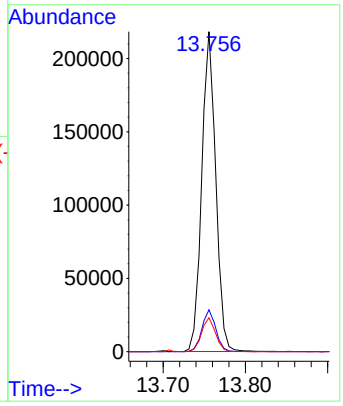


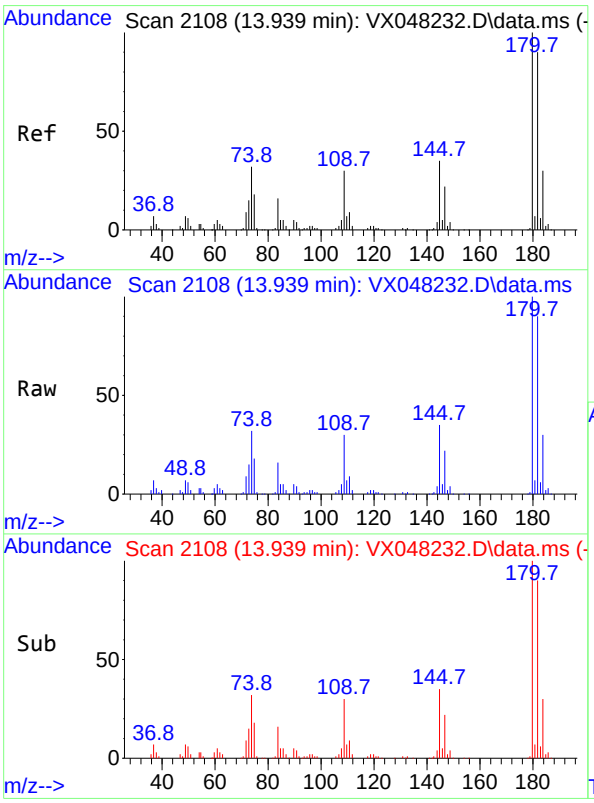
#95
Naphthalene
Concen: 47.792 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 257281

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	8.6	12.8

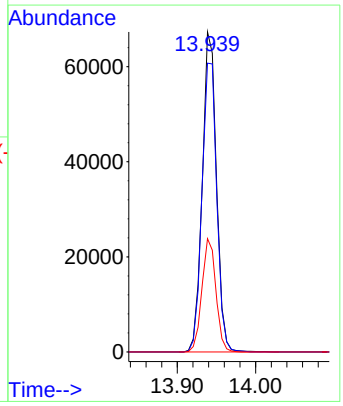




#96
1,2,3-Trichlorobenzene
Concen: 45.200 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048232.D
Acq: 20 Oct 2025 12:01

Tgt Ion:180 Resp: 84279

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.6	139.7
145	35.0	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	98.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 196.820%#			
35) Dibromofluoromethane	5.373	113	129919	101.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.700%#			
50) Toluene-d8	8.634	98	448948	99.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.840%#			
62) 4-Bromofluorobenzene	11.061	95	167565	98.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	127029	105.118	ug/l	97
3) Chloromethane	1.300	50	111895	99.201	ug/l	100
4) Vinyl Chloride	1.379	62	108564	103.938	ug/l	100
5) Bromomethane	1.605	94	65752	92.758	ug/l	99
6) Chloroethane	1.690	64	66332	108.072	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	106.479	ug/l	98
8) Diethyl Ether	2.135	74	58302	103.435	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	107.961	ug/l	96
10) Methyl Iodide	2.452	142	183697	115.192	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	478.391	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	106.271	ug/l	93
13) Acrolein	2.239	56	87244	522.748	ug/l	100
14) Allyl chloride	2.666	41	214290	104.584	ug/l	98
15) Acrylonitrile	3.056	53	298022	505.062	ug/l	100
16) Acetone	2.373	43	260058	459.946	ug/l	99
17) Carbon Disulfide	2.513	76	380127	97.731	ug/l	99
18) Methyl Acetate	2.702	43	120920	102.405	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	101.480	ug/l	97
20) Methylene Chloride	2.788	84	140317	101.850	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	102.594	ug/l	96
22) Diisopropyl ether	3.751	45	420126	102.802	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	527.850	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	100.417	ug/l	99
25) 2-Butanone	4.543	43	353741	494.285	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	102.510	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	103.308	ug/l	98
28) Bromochloromethane	4.885	49	108536	105.928	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	505.219	ug/l	93
30) Chloroform	5.080	83	264966	100.362	ug/l	98
31) Cyclohexane	5.464	56	217717	106.419	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	101.932	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.953	ug/l	99
37) Ethyl Acetate	4.702	43	153844	101.872	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	100.976	ug/l	99
39) Methylcyclohexane	7.366	83	235208	109.312	ug/l	95
40) Benzene	6.025	78	535407	101.216	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.909	41	83790	105.653	ug/l		97
42) 1,2-Dichloroethane	6.074	62	198348	101.616	ug/l		99
43) Isopropyl Acetate	6.324	43	256067	103.227	ug/l		95
44) Trichloroethene	7.110	130	142779	102.221	ug/l		99
45) 1,2-Dichloropropane	7.415	63	130188	103.516	ug/l		96
46) Dibromomethane	7.567	93	98105	100.126	ug/l		94
47) Bromodichloromethane	7.805	83	215302	101.770	ug/l		99
48) Methyl methacrylate	7.677	41	131454	105.017	ug/l		95
49) 1,4-Dioxane	7.647	88	35972	2175.223	ug/l		89
51) 4-Methyl-2-Pentanone	8.561	43	720980	504.097	ug/l		94
52) Toluene	8.701	92	341597	101.651	ug/l		99
53) t-1,3-Dichloropropene	8.963	75	215736	105.820	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.038	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	124910	99.952	ug/l		98
56) Ethyl methacrylate	9.104	69	196699	107.610	ug/l		94
57) 1,3-Dichloropropane	9.293	76	214853	100.650	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	512.470	ug/l		96
59) 2-Hexanone	9.415	43	509398	510.781	ug/l		95
60) Dibromochloromethane	9.506	129	166167	98.928	ug/l		100
61) 1,2-Dibromoethane	9.591	107	134662	101.077	ug/l		97
64) Tetrachloroethene	9.256	164	121163	99.215	ug/l		97
65) Chlorobenzene	10.061	112	375532	102.048	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	104.022	ug/l		97
67) Ethyl Benzene	10.177	91	656925	104.850	ug/l		98
68) m/p-Xylenes	10.286	106	490879	210.869	ug/l		100
69) o-Xylene	10.622	106	236648	105.297	ug/l		100
70) Styrene	10.640	104	407916	106.594	ug/l		99
71) Bromoform	10.780	173	109613	101.467	ug/l	#	98
73) Isopropylbenzene	10.945	105	624767	106.098	ug/l		99
74) N-amyl acetate	10.829	43	228080	109.195	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	102.114	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	192703	147.394	ug/l		78
77) Bromobenzene	11.183	156	153619	104.042	ug/l		93
78) n-propylbenzene	11.286	91	732684	107.464	ug/l		98
79) 2-Chlorotoluene	11.347	91	434217	105.044	ug/l		100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	106.616	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	109.902	ug/l		98
82) 4-Chlorotoluene	11.439	91	506861	103.293	ug/l		98
83) tert-Butylbenzene	11.695	119	529264	105.707	ug/l		98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	107.638	ug/l		99
85) sec-Butylbenzene	11.871	105	639904	106.228	ug/l		100
86) p-Isopropyltoluene	11.987	119	548119	105.271	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	281617	101.174	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	277908	96.377	ug/l		98
89) n-Butylbenzene	12.316	91	495486	104.552	ug/l		99
90) Hexachloroethane	12.518	117	107057	104.121	ug/l		93
91) 1,2-Dichlorobenzene	12.316	146	261022	99.880	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	110.555	ug/l		97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	101.602	ug/l		100
94) Hexachlorobutadiene	13.706	225	68645	103.582	ug/l		98
95) Naphthalene	13.755	128	511355	109.211	ug/l		99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	104.362	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

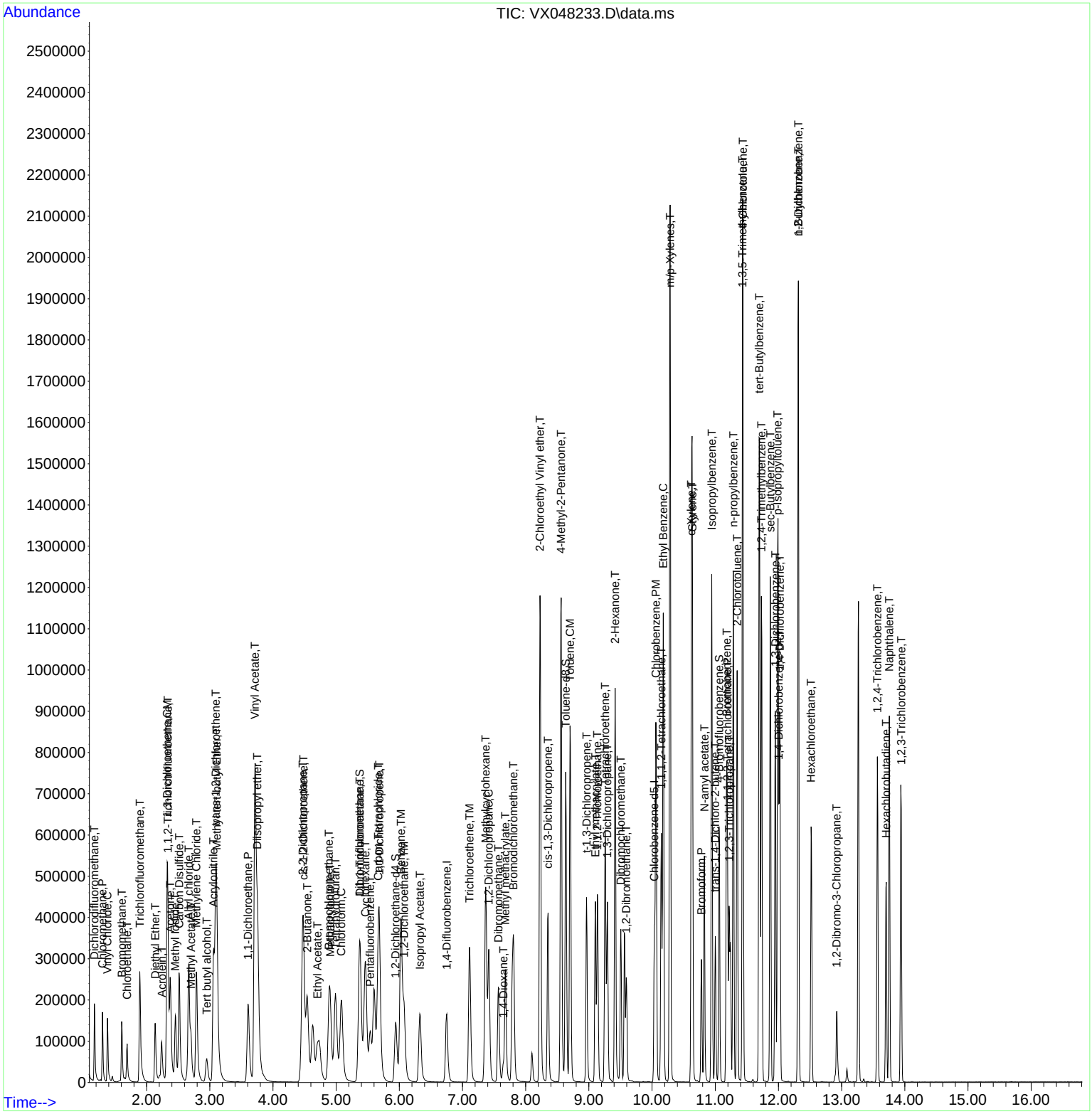
(#) = qualifier out of range (m) = manual integration (+) = signals summed

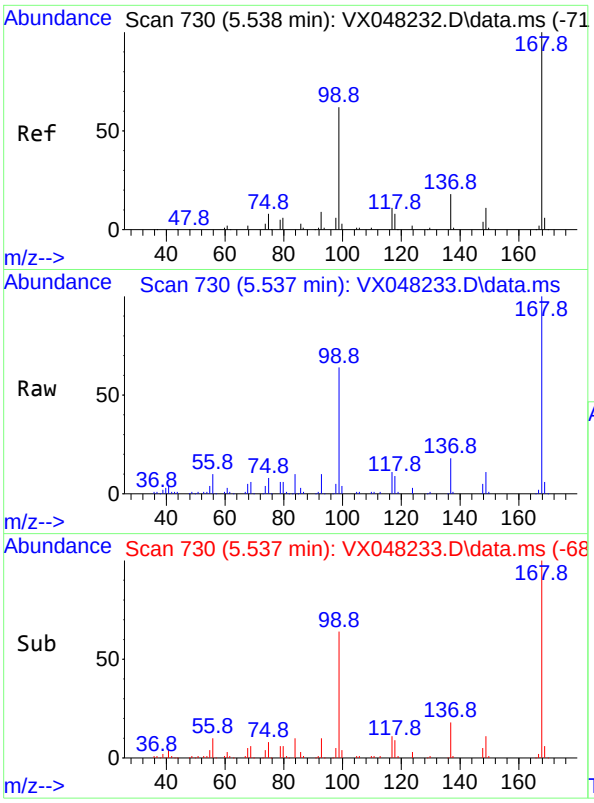
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048233.D
Acq On : 20 Oct 2025 12:22
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 25 03:35:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



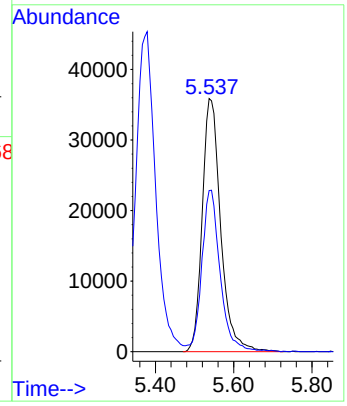


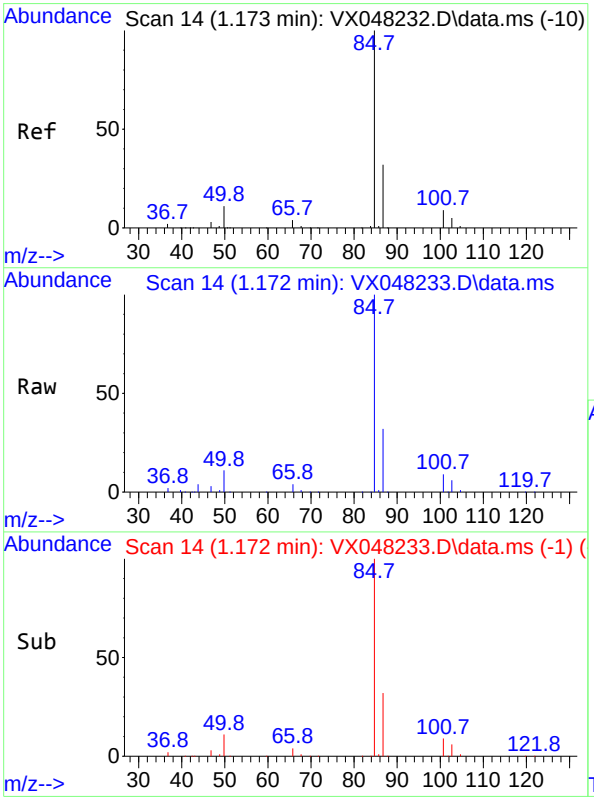
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 117551

Ion	Ratio	Lower	Upper
168	100		
99	63.4	46.4	69.6

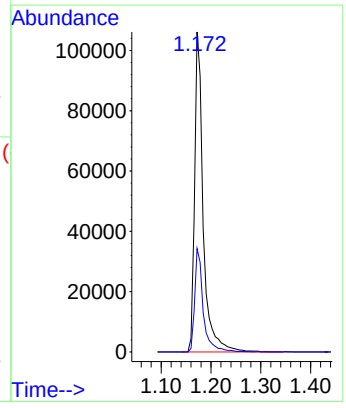


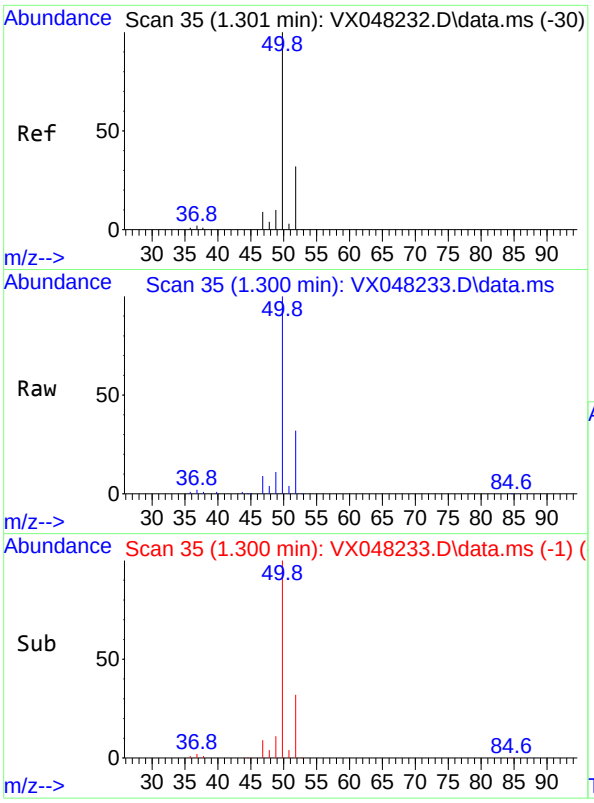


#2
Dichlorodifluoromethane
Concen: 105.118 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.3	45.9



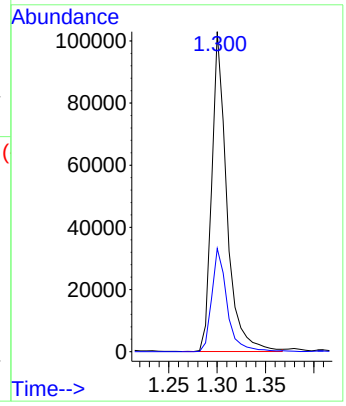


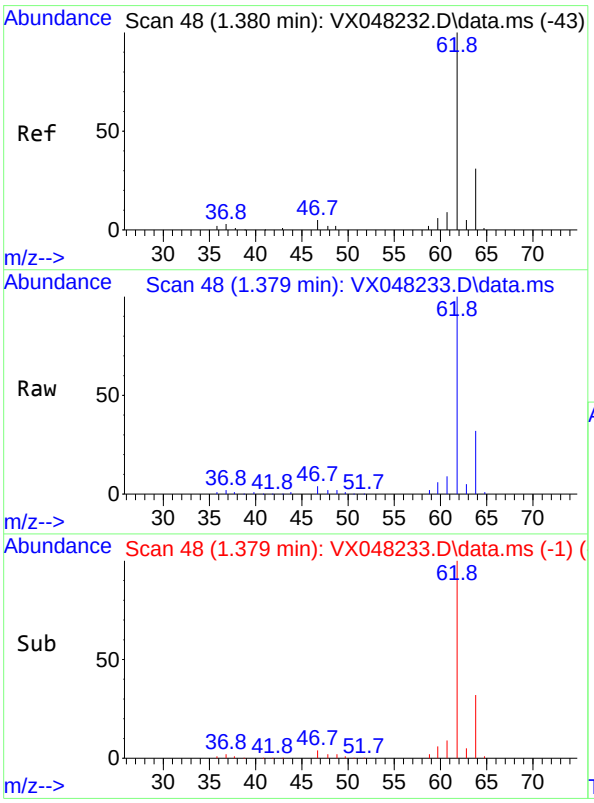
#3
Chloromethane
Concen: 99.201 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 111895

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.9	38.9

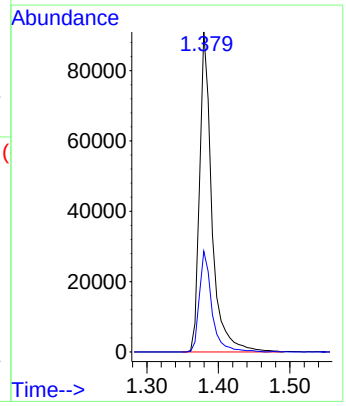


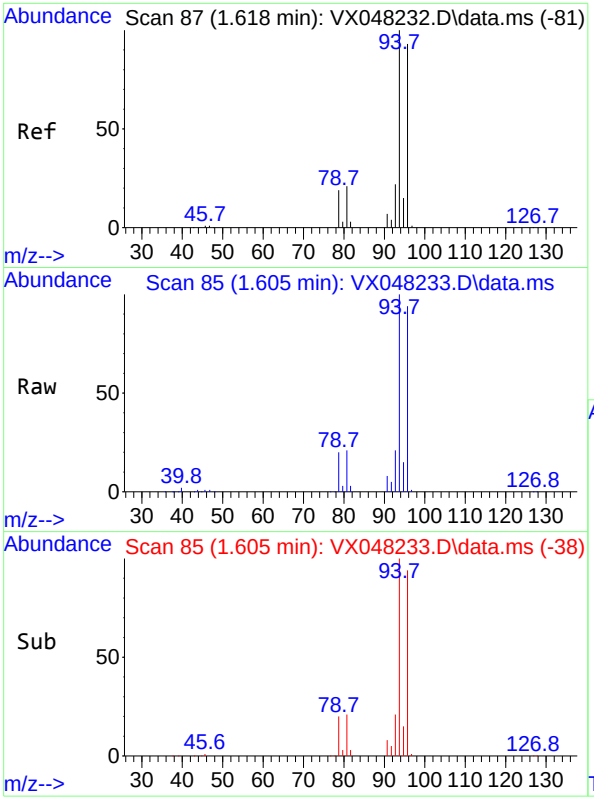


#4
Vinyl Chloride
Concen: 103.938 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 108564

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7



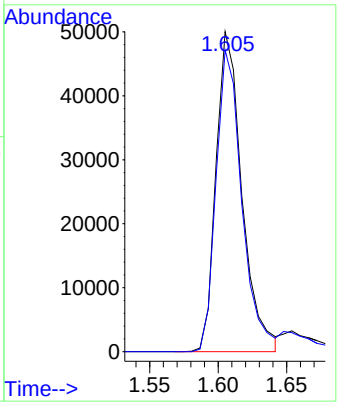


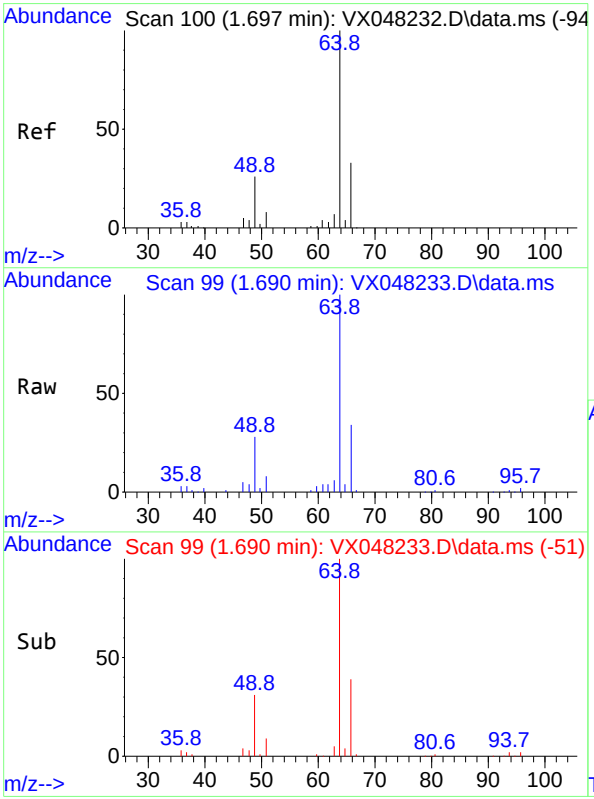
#5
Bromomethane
Concen: 92.758 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.013 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 65752

Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.0	114.0

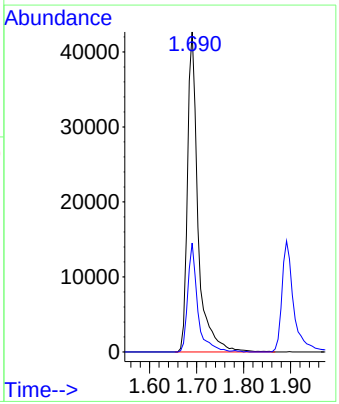


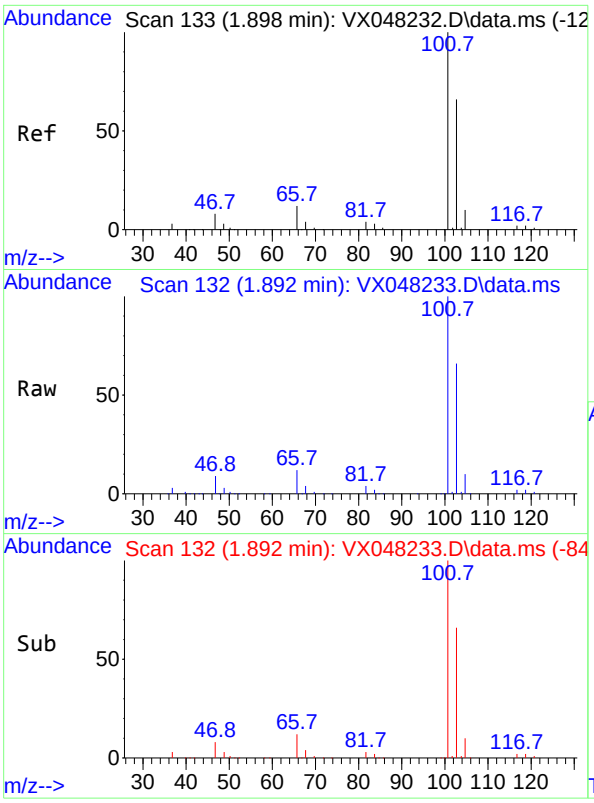


#6
Chloroethane
Concen: 108.072 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 64 Resp: 66332

Ion	Ratio	Lower	Upper
64	100		
66	34.0	23.9	35.9



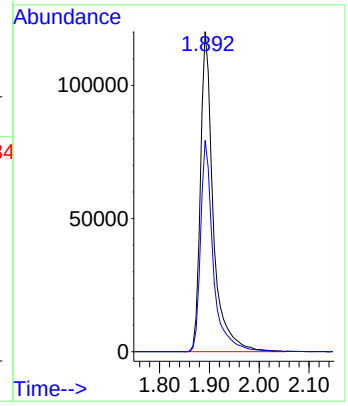


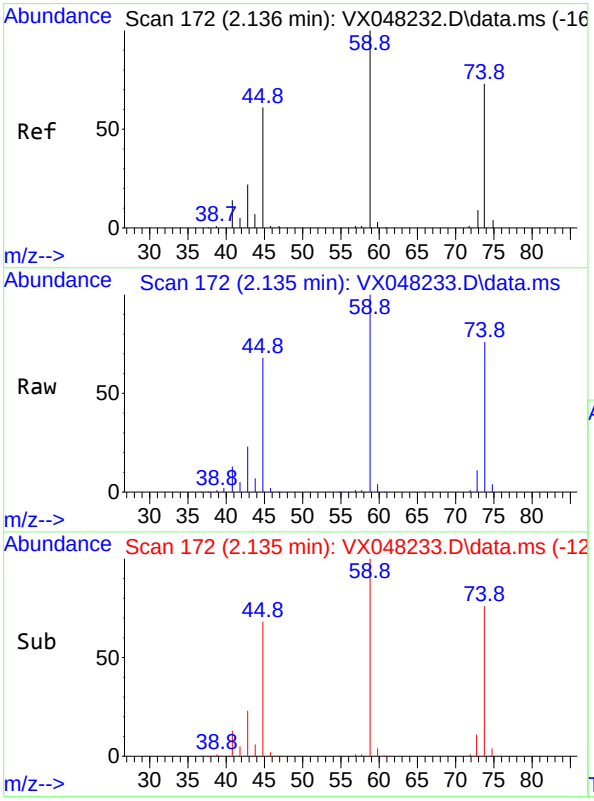
#7
Trichlorofluoromethane
Concen: 106.479 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 213301

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

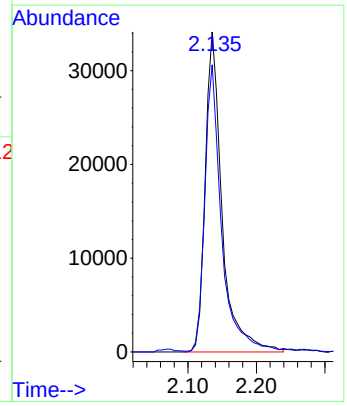


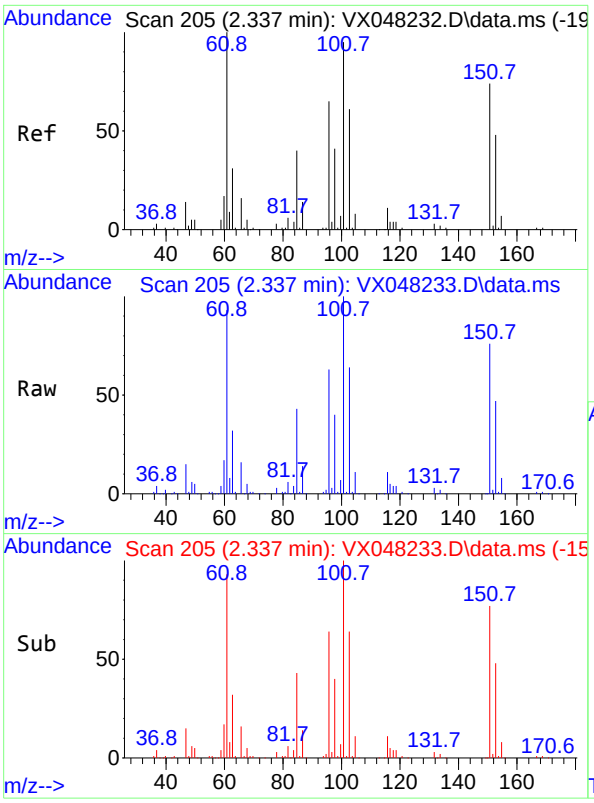


#8
Diethyl Ether
Concen: 103.435 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 74 Resp: 58302

Ion	Ratio	Lower	Upper
74	100		
45	88.0	50.0	149.8



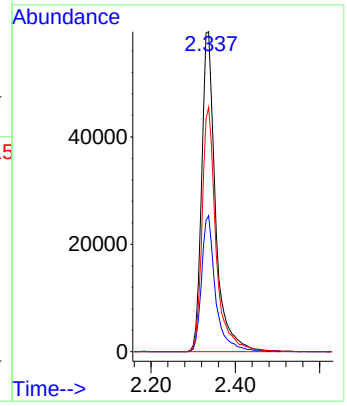


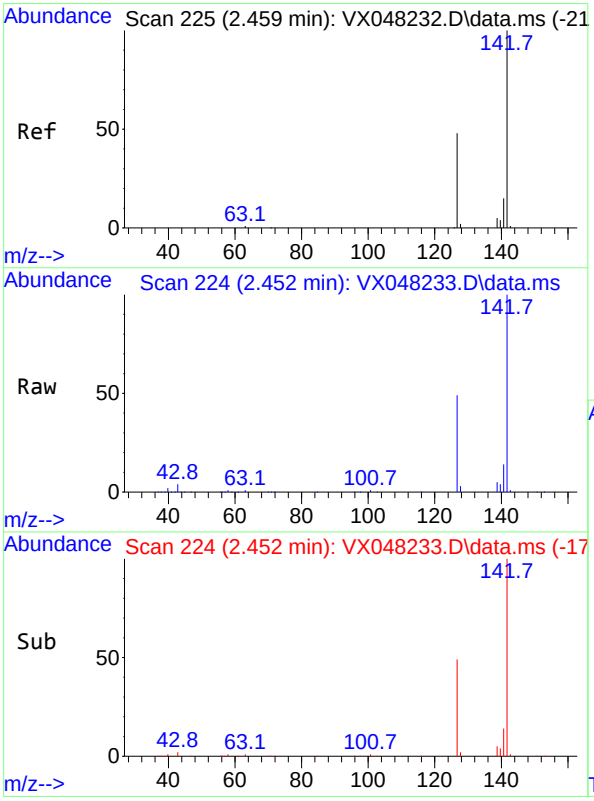
#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.961 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 136951

Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.6	53.4
151	76.5	58.0	87.0

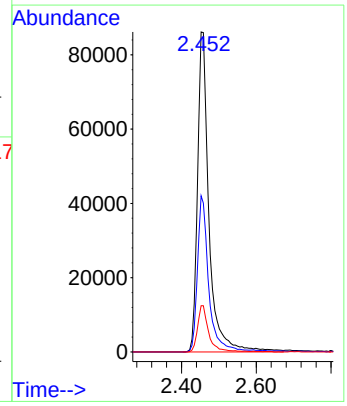


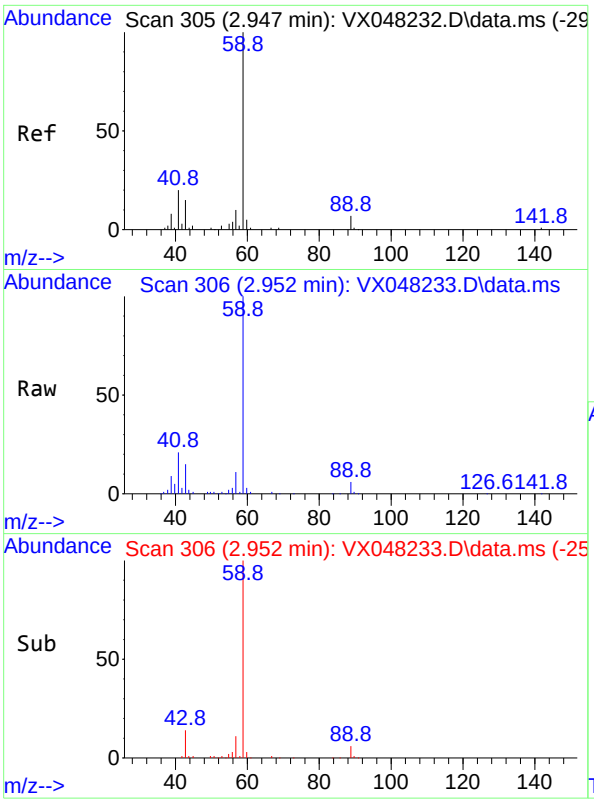


#10
Methyl Iodide
Concen: 115.192 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:142 Resp: 183697

Ion	Ratio	Lower	Upper
142	100		
127	47.6	38.5	57.7
141	14.1	11.6	17.4



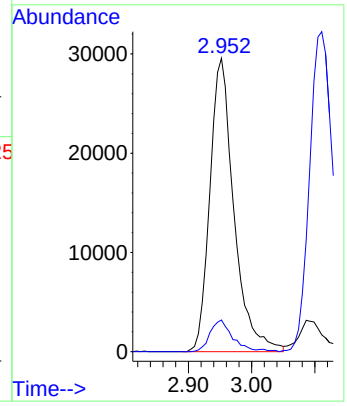


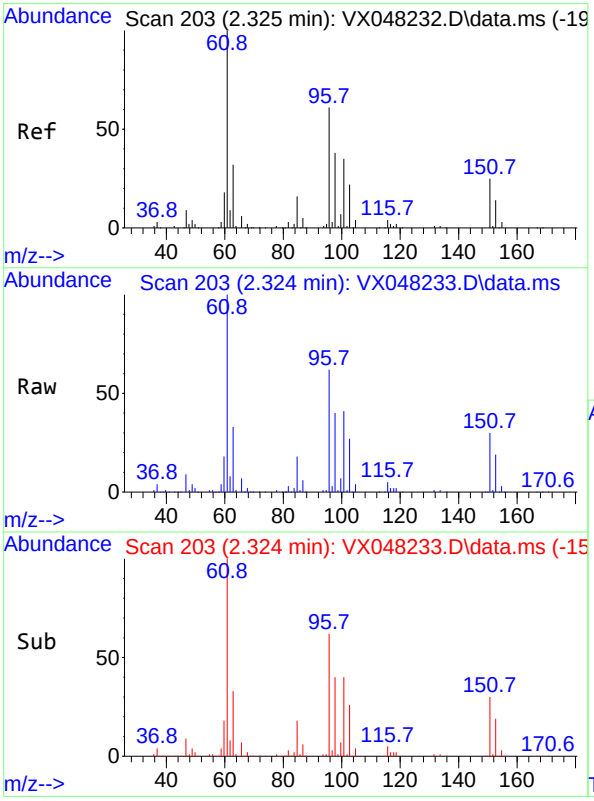
#11
Tert butyl alcohol
Concen: 478.391 ug/l
RT: 2.952 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 78284

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

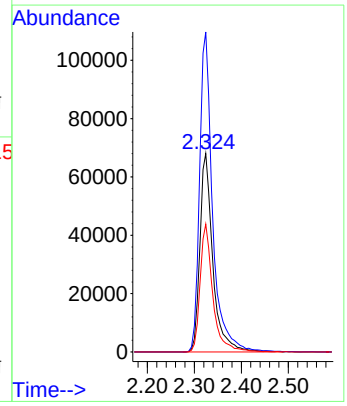


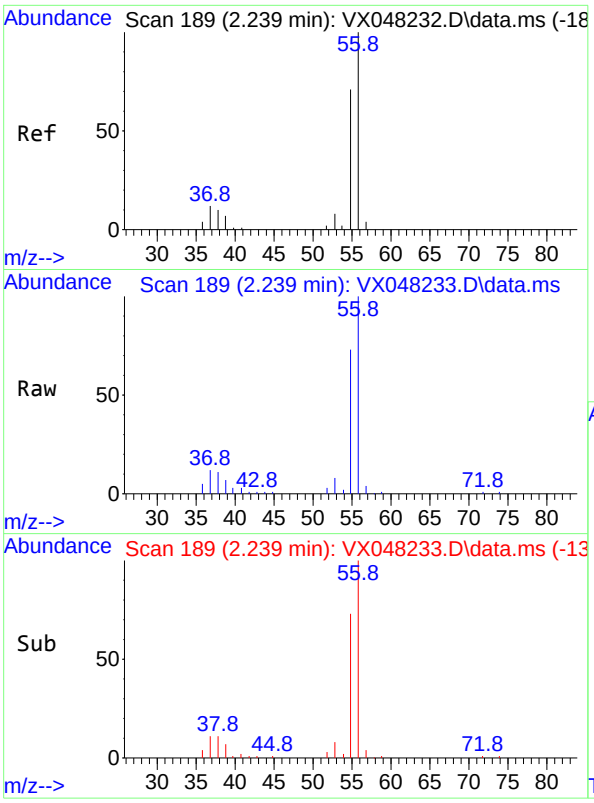


#12
1,1-Dichloroethene
Concen: 106.271 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 96 Resp: 131152

Ion	Ratio	Lower	Upper
96	100		
61	161.2	139.0	208.6
98	64.4	52.4	78.6



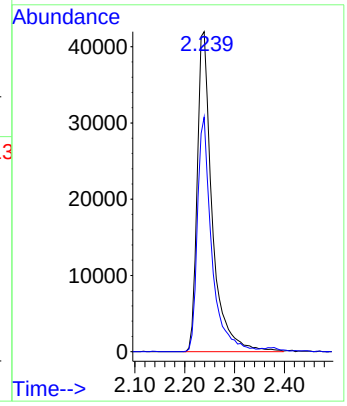


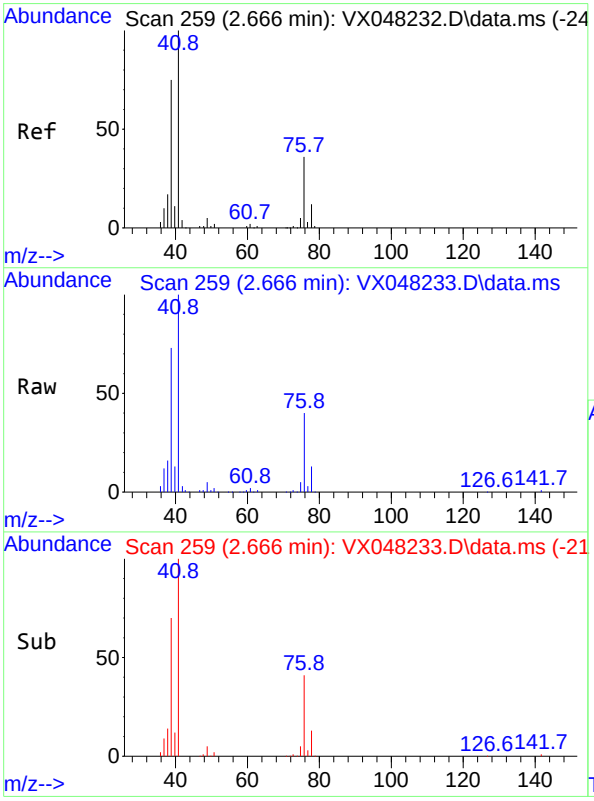
#13
Acrolein
Concen: 522.748 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 87244

Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.1	84.1

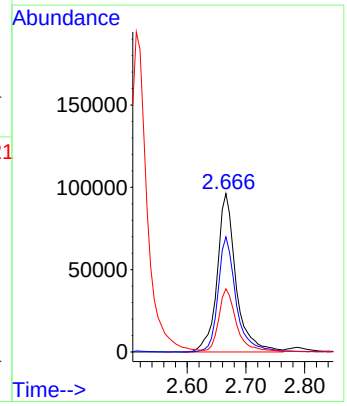


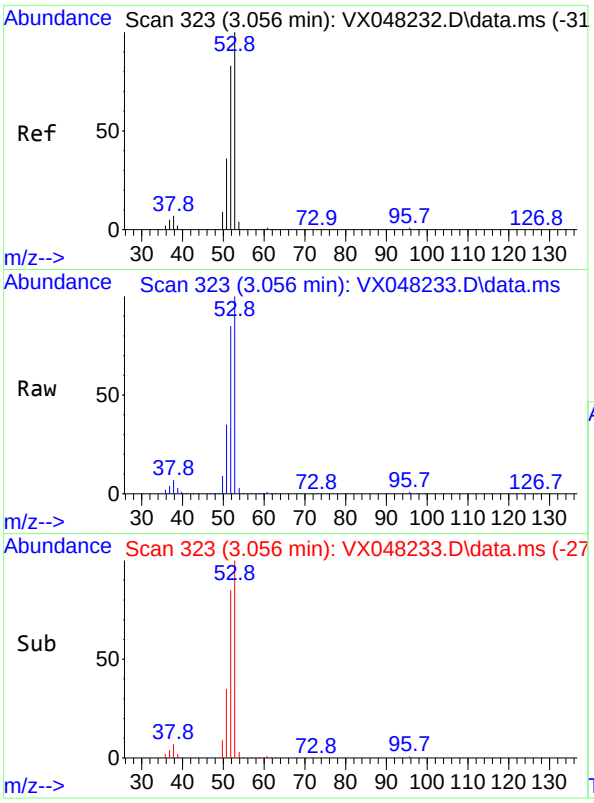


#14
Allyl chloride
Concen: 104.584 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 214290

Ion	Ratio	Lower	Upper
41	100		
39	69.5	56.0	84.0
76	37.6	27.5	41.3



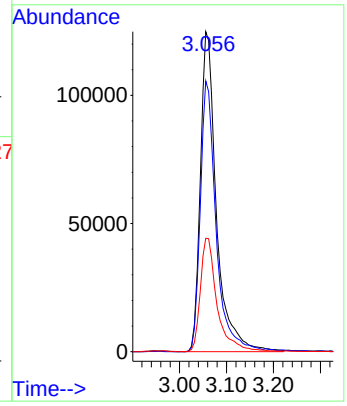


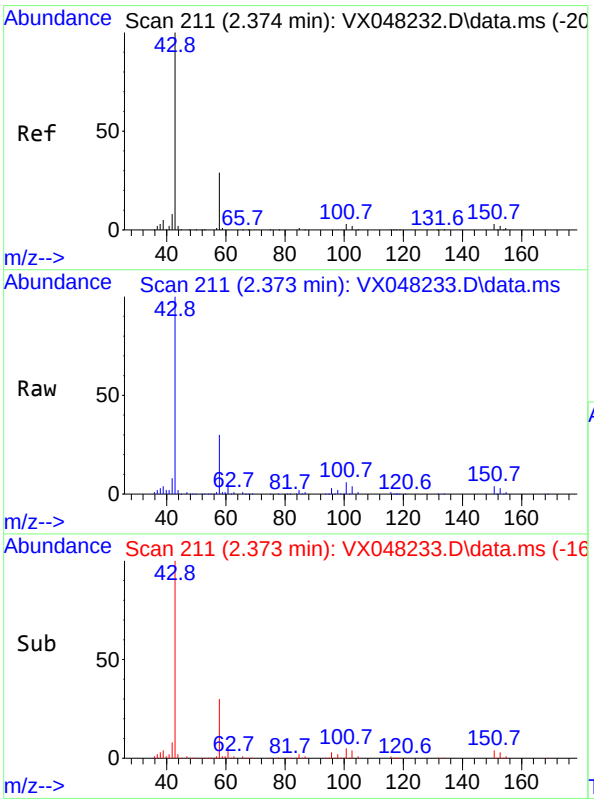
#15
Acrylonitrile
Concen: 505.062 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 298022

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	37.0	29.0	43.4

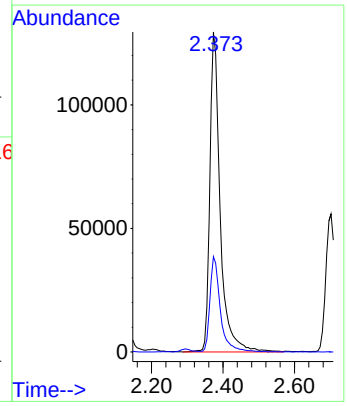


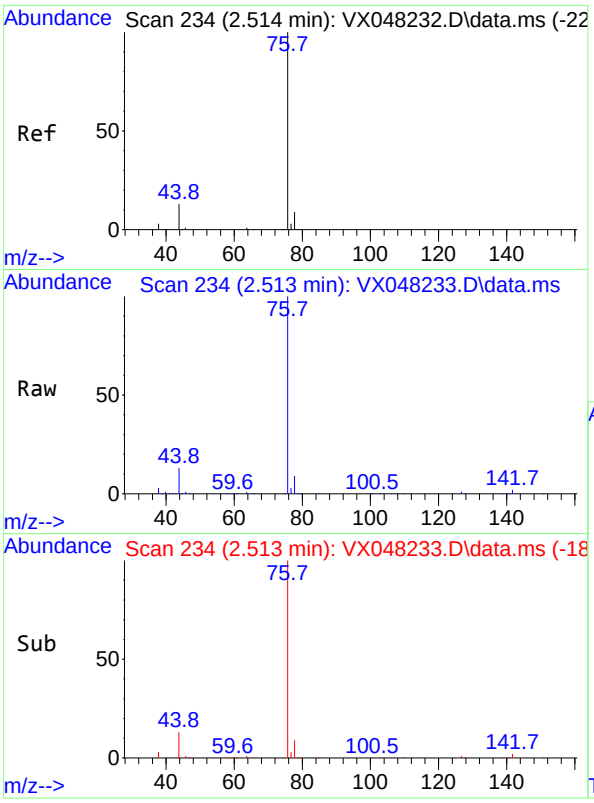


#16
Acetone
Concen: 459.946 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 260058

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.2



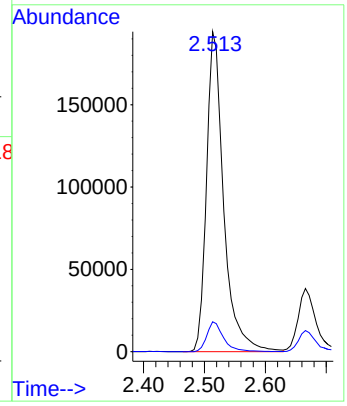


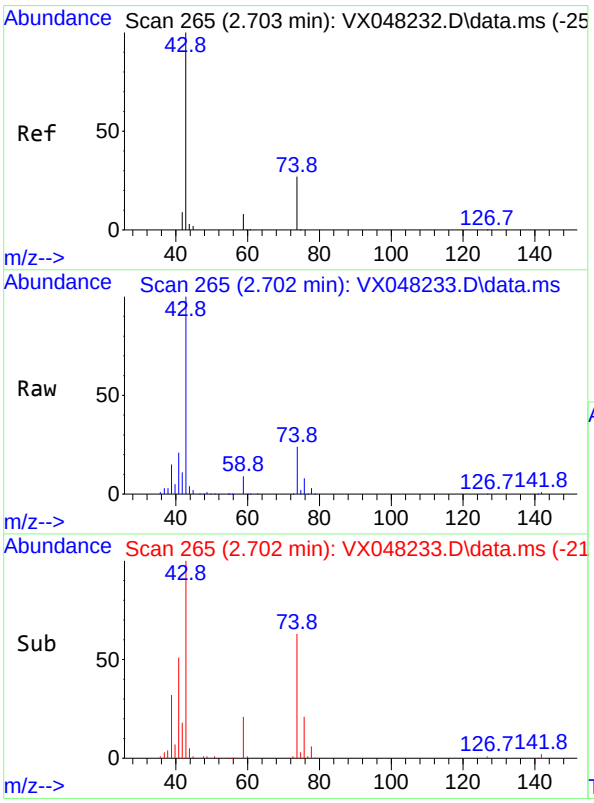
#17
Carbon Disulfide
Concen: 97.731 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 380127

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

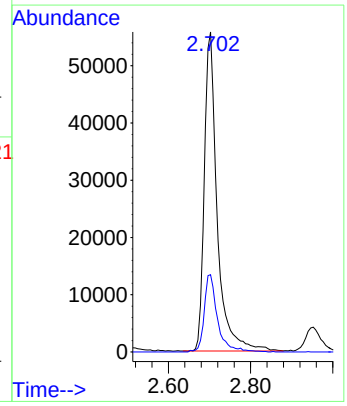


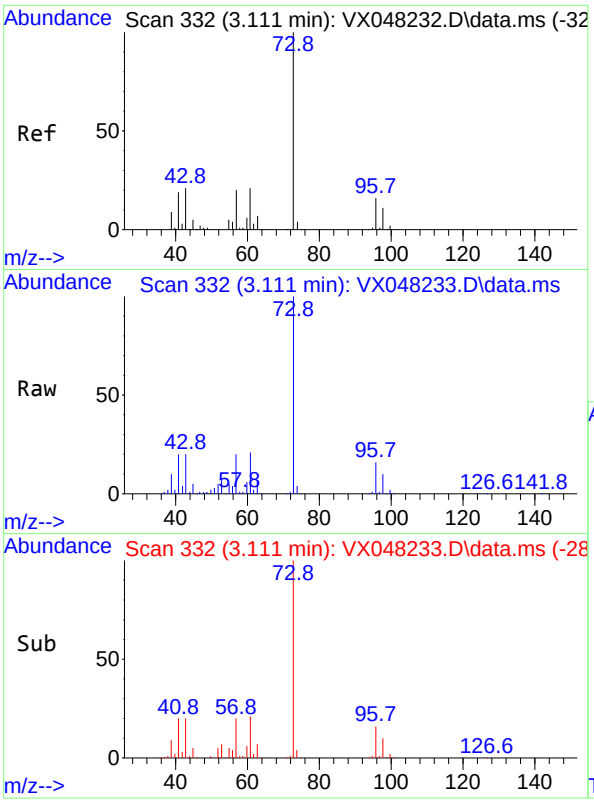


#18
Methyl Acetate
Concen: 102.405 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 120920

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.5	26.3



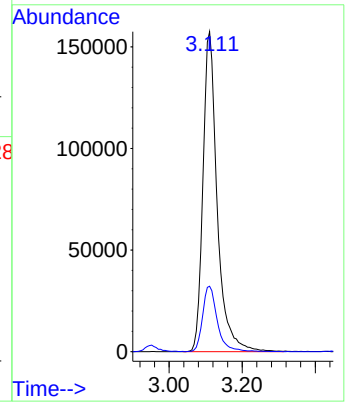


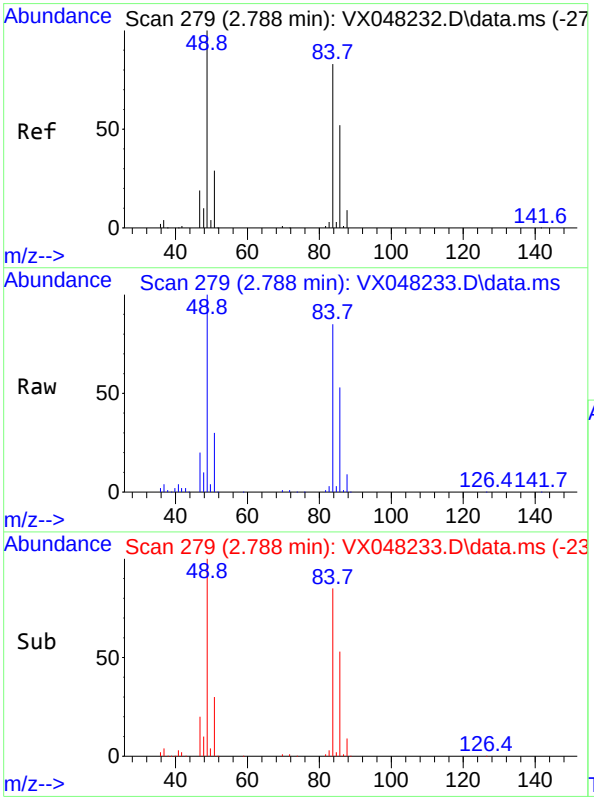
#19
Methyl tert-butyl Ether
Concen: 101.480 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 427254

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5

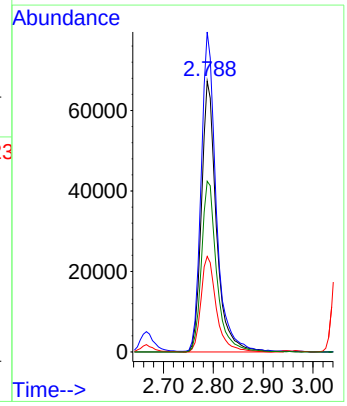


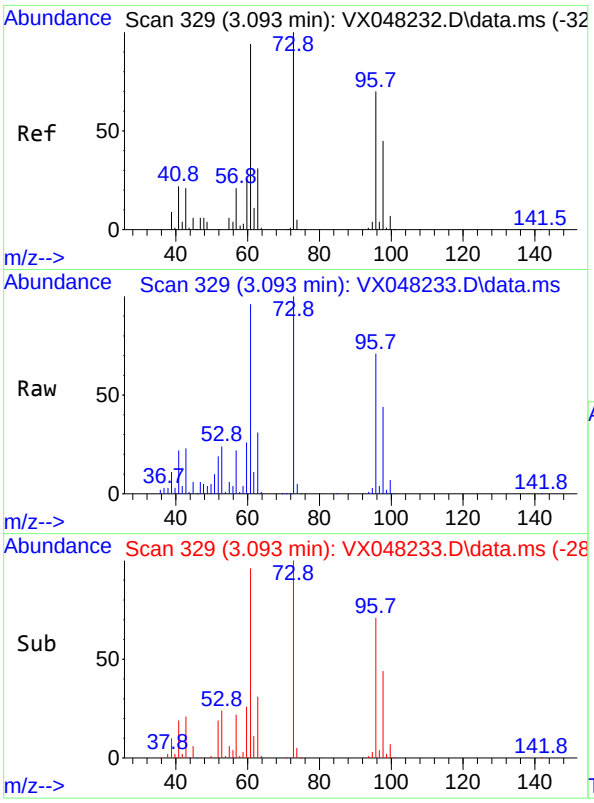


#20
Methylene Chloride
Concen: 101.850 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 84 Resp: 140317

Ion	Ratio	Lower	Upper
84	100		
49	117.9	104.1	156.1
51	35.3	31.3	46.9
86	63.0	51.3	76.9



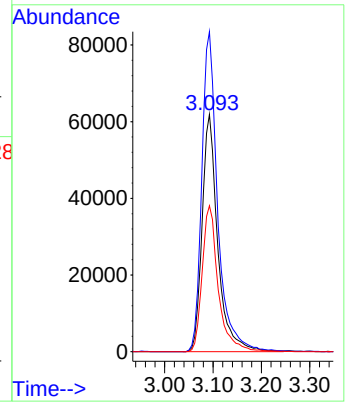


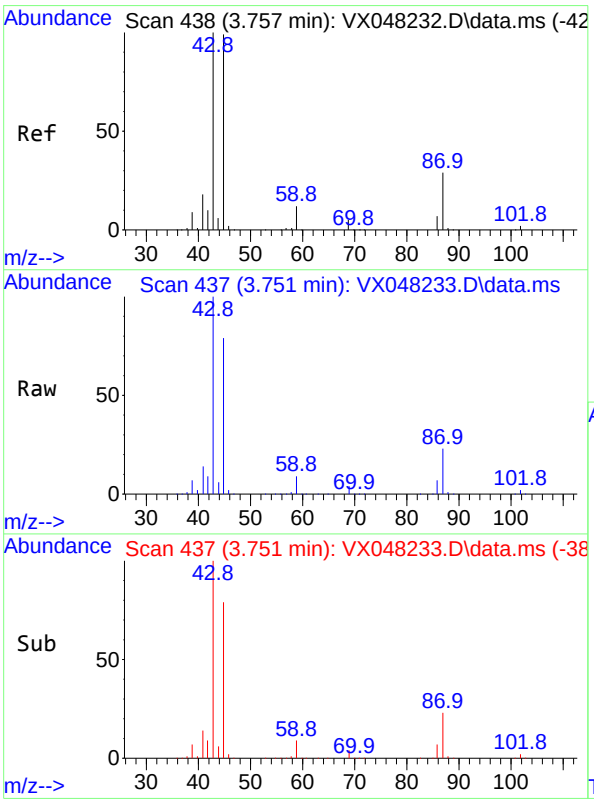
#21
trans-1,2-Dichloroethene
Concen: 102.594 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 139080

Ion	Ratio	Lower	Upper
96	100		
61	134.9	111.9	167.9
98	61.5	51.2	76.8

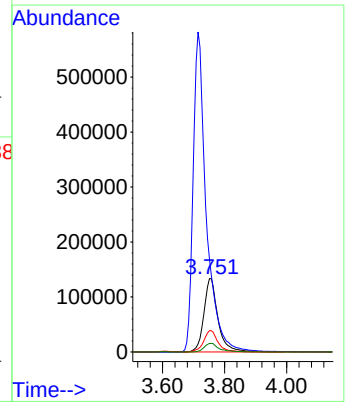


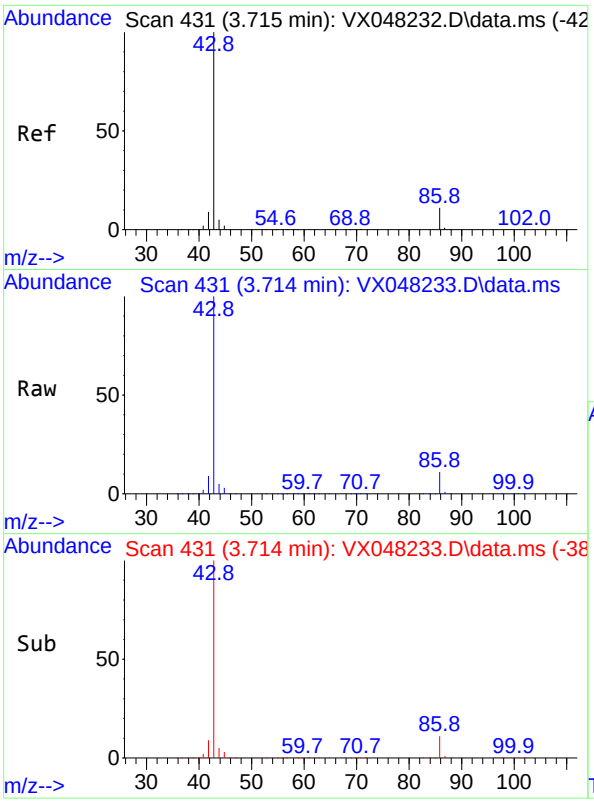


#22
Diisopropyl ether
Concen: 102.802 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 45 Resp: 420126

Ion	Ratio	Lower	Upper
45	100		
43	126.6	89.8	134.8
87	29.0	20.6	31.0
59	11.6	9.1	13.7



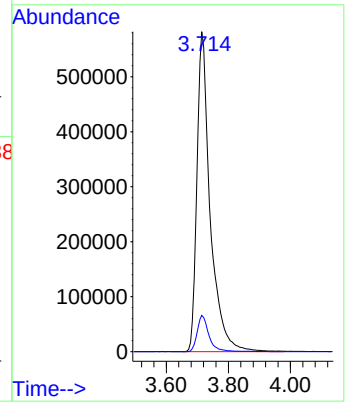


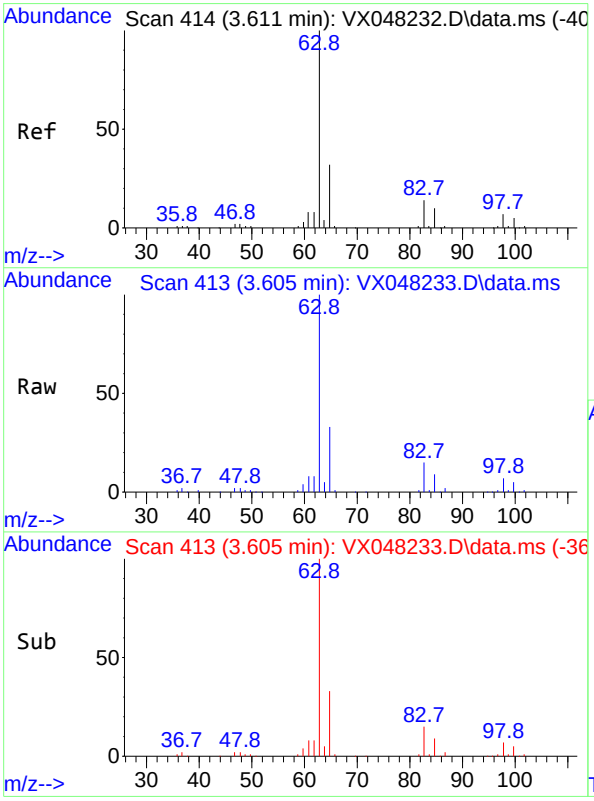
#23
Vinyl Acetate
Concen: 527.850 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1723170

Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.9	11.9

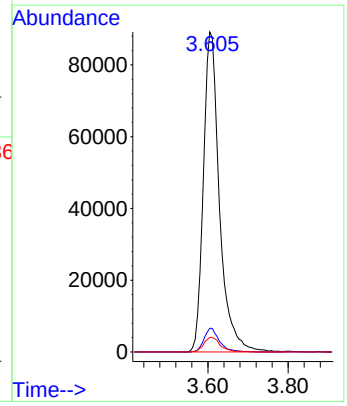


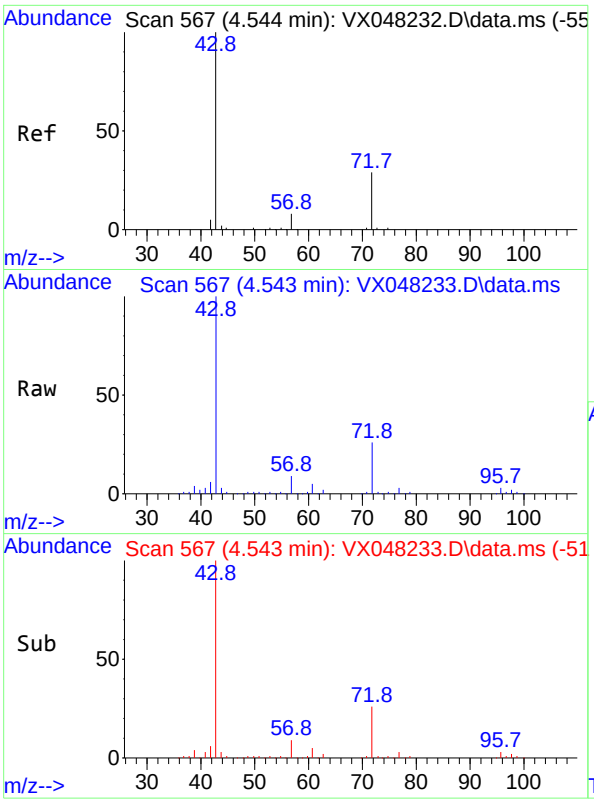


#24
1,1-Dichloroethane
Concen: 100.417 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 248141

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.5	10.6
100	4.6	2.1	6.3



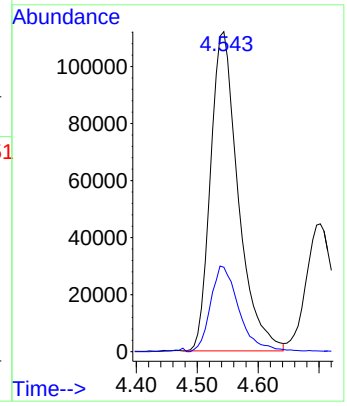


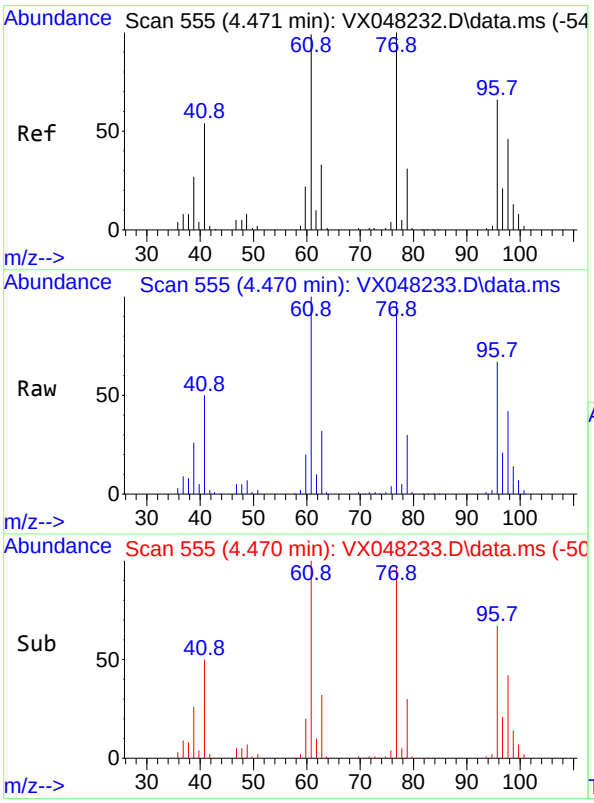
#25
2-Butanone
Concen: 494.285 ug/l
RT: 4.543 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 353741

Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.9	29.9

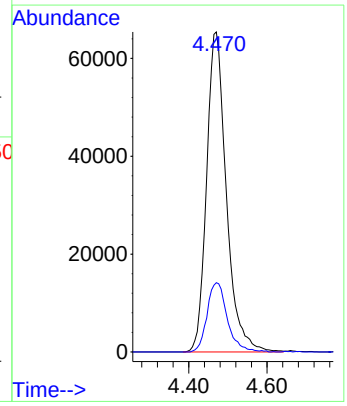


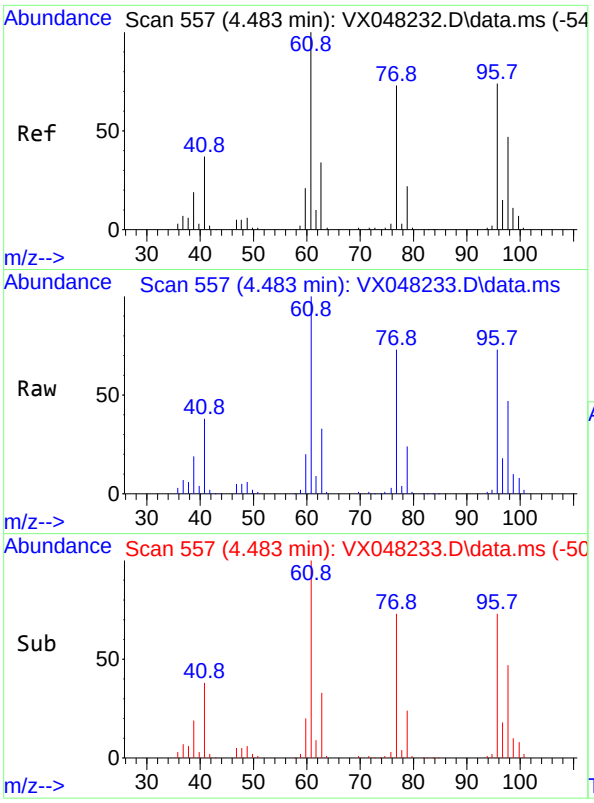


#26
2,2-Dichloropropane
Concen: 102.510 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3



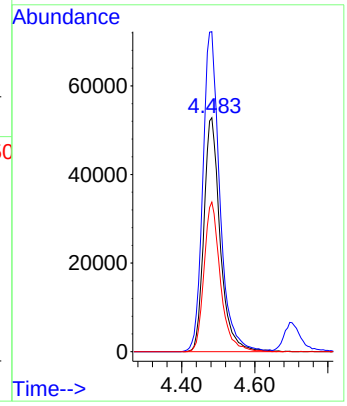


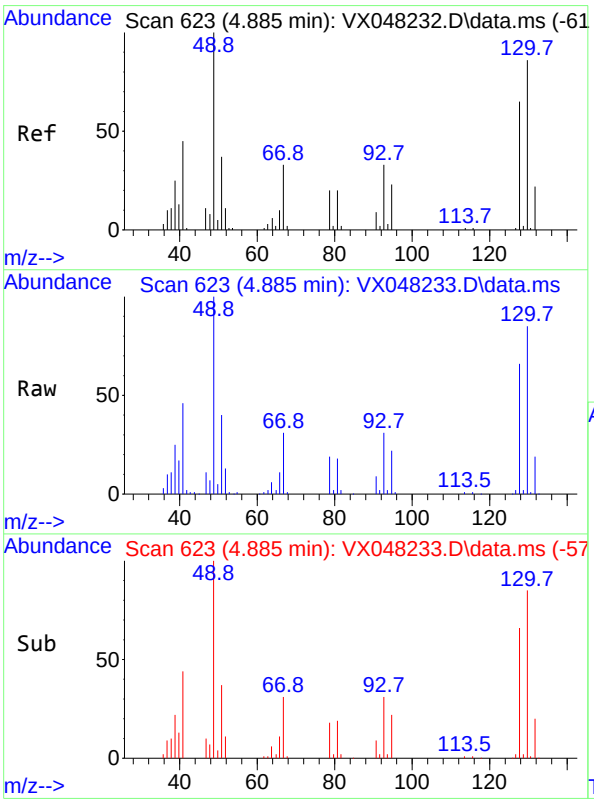
#27
cis-1,2-Dichloroethene
Concen: 103.308 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 163444

Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	294.2
98	64.3	0.0	128.4

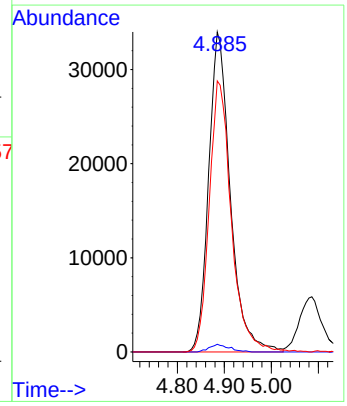


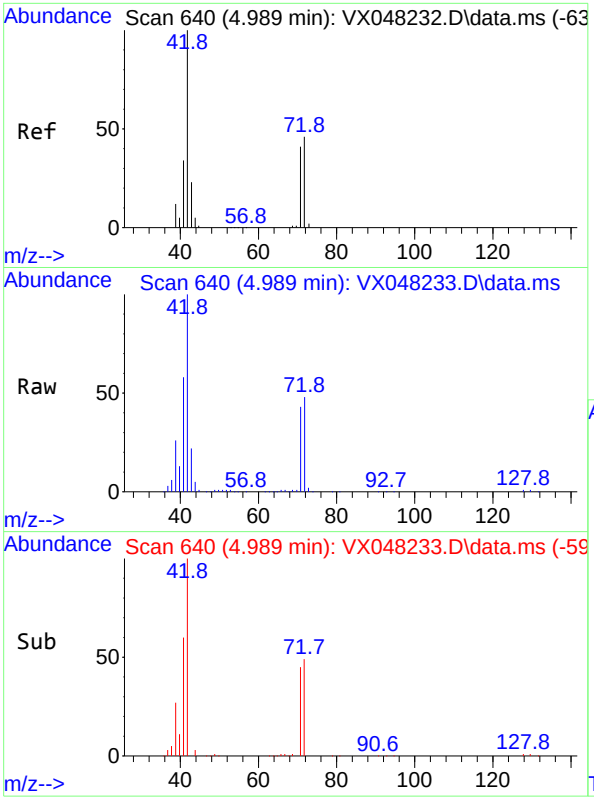


#28
Bromochloromethane
Concen: 105.928 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 49 Resp: 108536

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	86.4	59.3	88.9



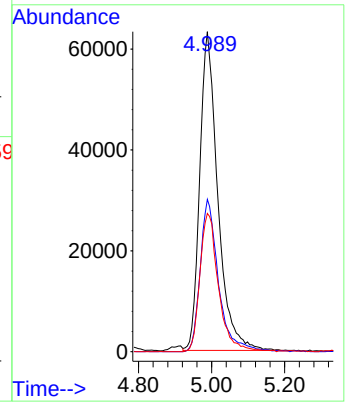


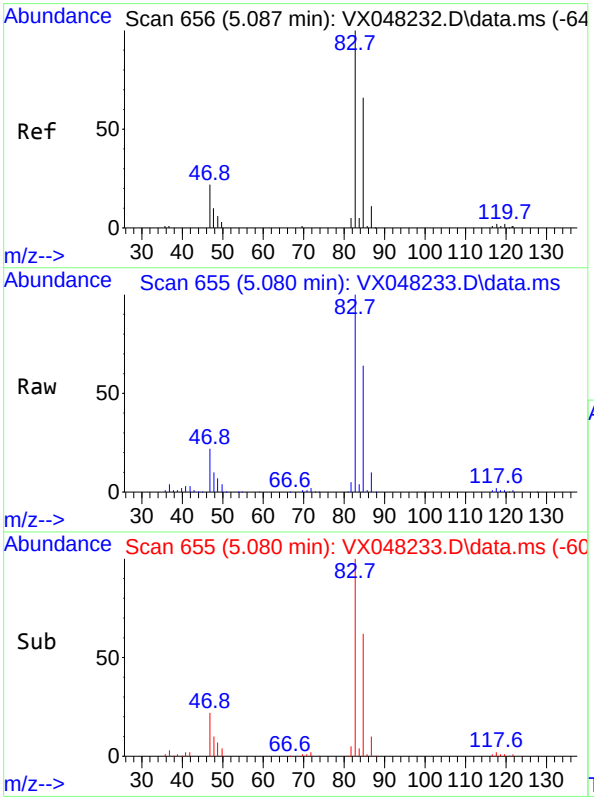
#29
Tetrahydrofuran
Concen: 505.219 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 216543

Ion	Ratio	Lower	Upper
42	100		
72	48.6	35.3	52.9
71	44.5	32.2	48.4

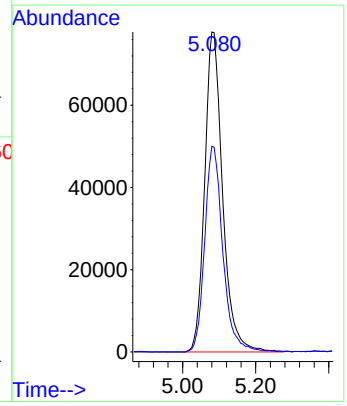


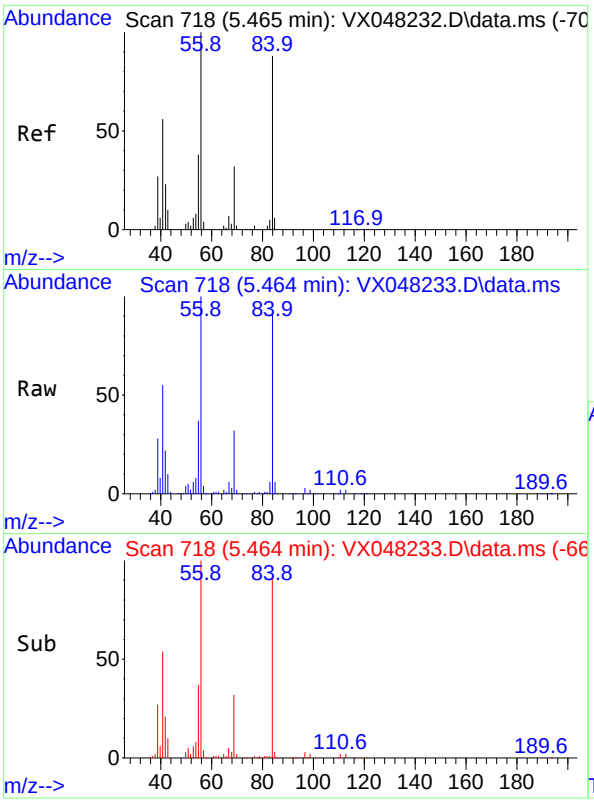


#30
Chloroform
Concen: 100.362 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 83 Resp: 264966

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1



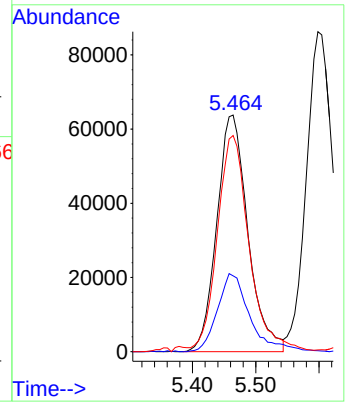


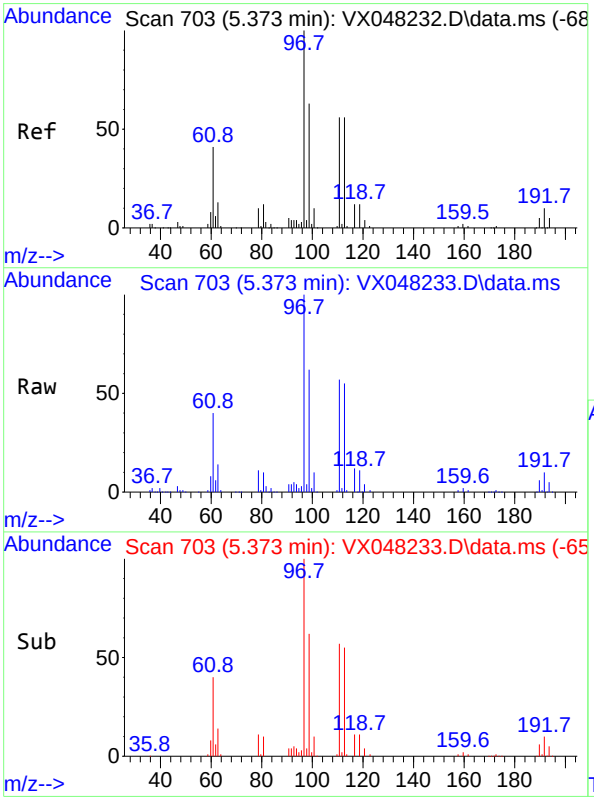
#31
Cyclohexane
Concen: 106.419 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 217717

Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.0	34.6
84	89.2	64.6	97.0

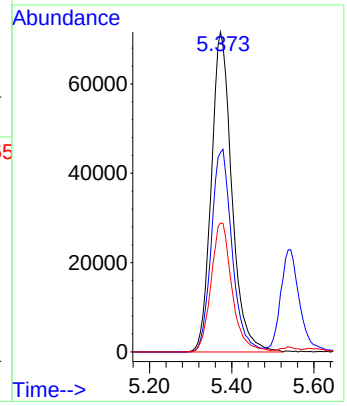


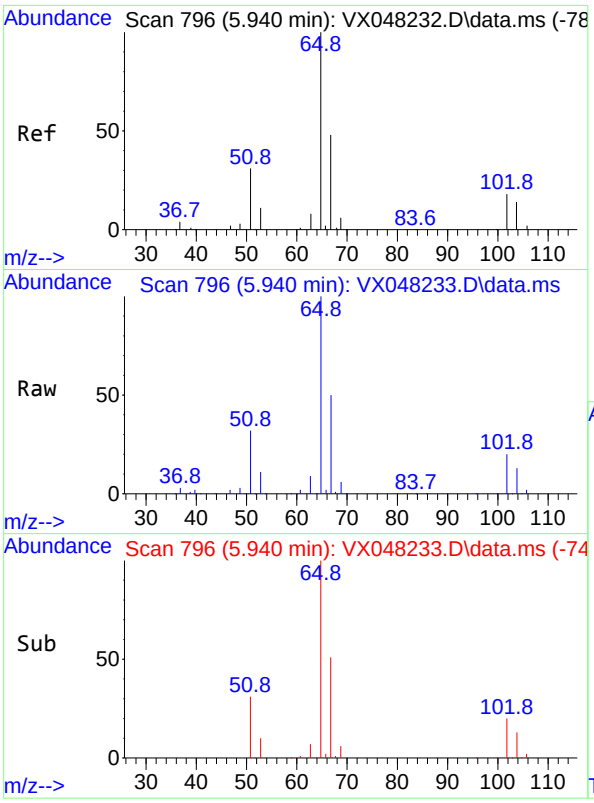


#32
1,1,1-Trichloroethane
Concen: 101.932 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.2	34.8	52.2



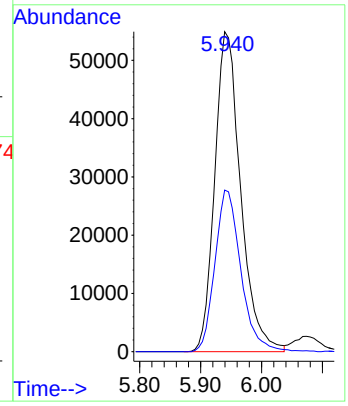


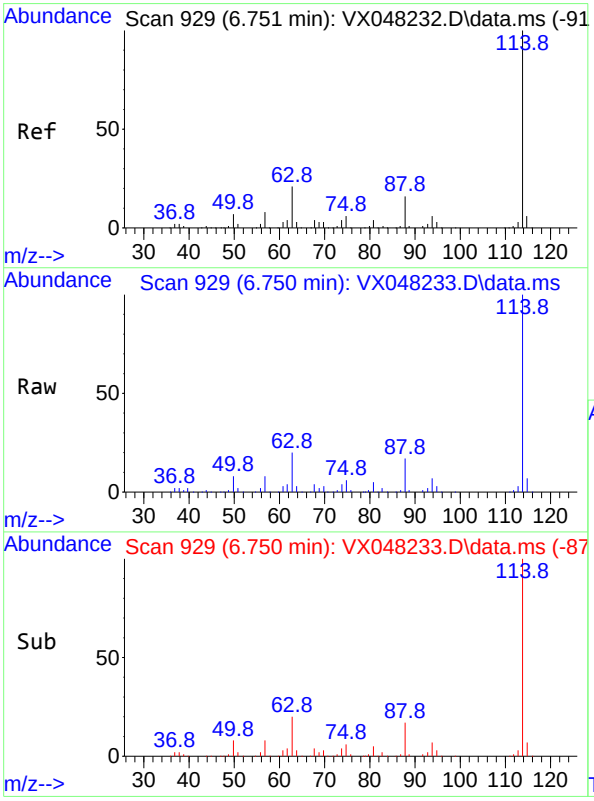
#33
1,2-Dichloroethane-d4
Concen: 98.406 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 162188

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.0

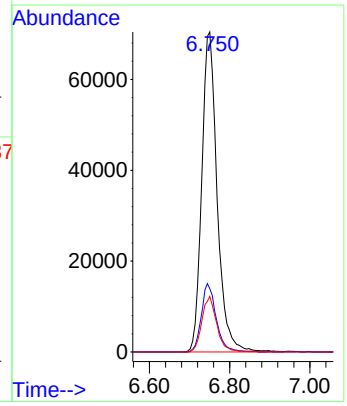


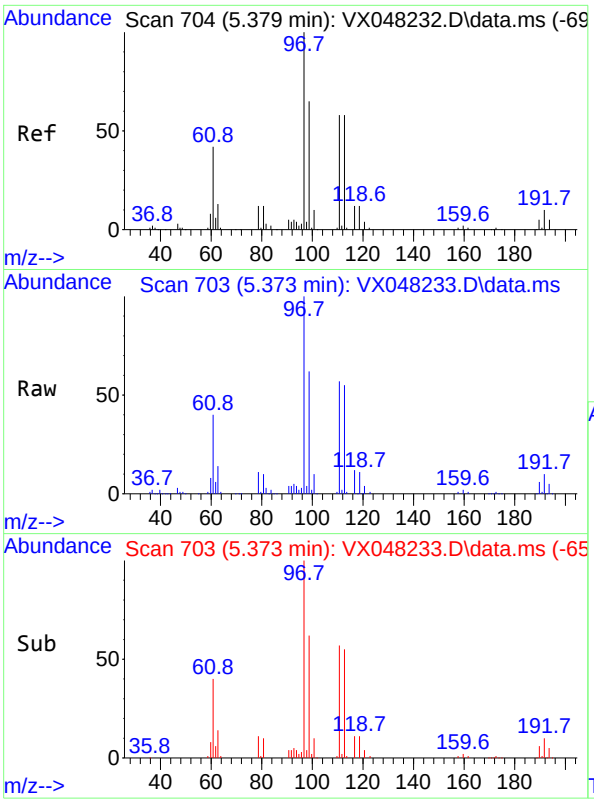


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:114 Resp: 187766

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	17.3	0.0	33.6



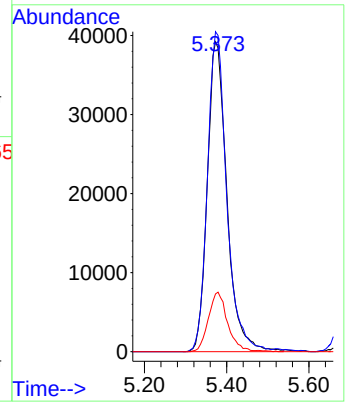


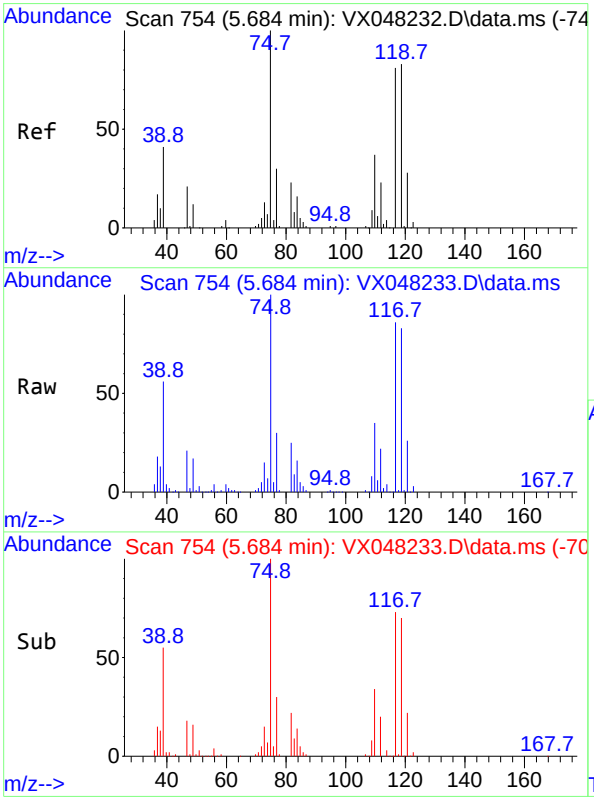
#35
Dibromofluoromethane
Concen: 101.351 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 129919

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	19.0	15.1	22.7

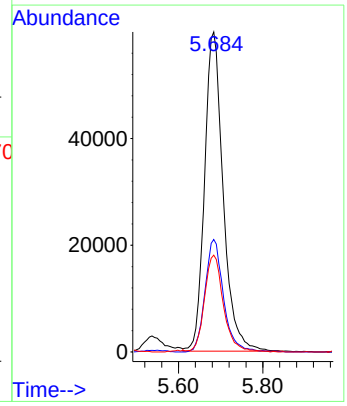


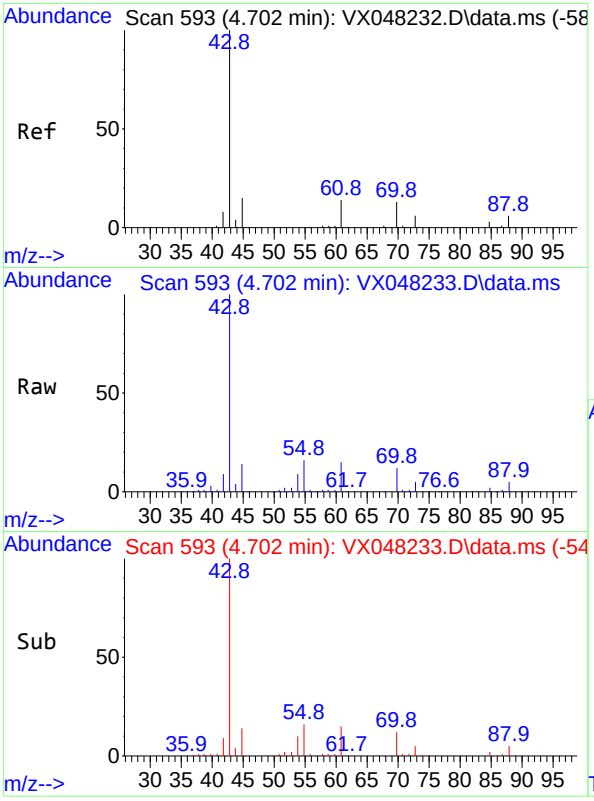


#36
1,1-Dichloropropene
Concen: 100.953 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 183932

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.7	53.1
77	30.9	24.3	36.5



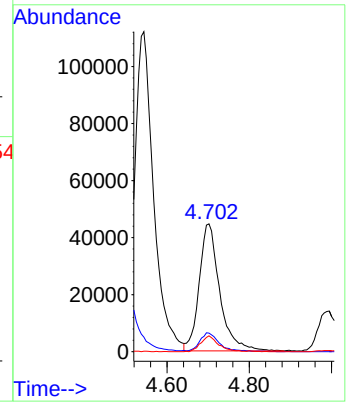


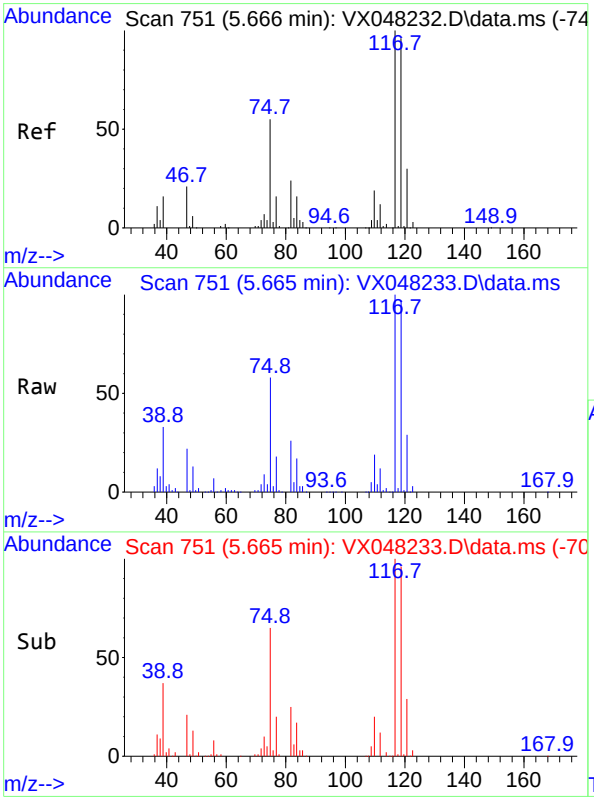
#37
Ethyl Acetate
Concen: 101.872 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 153844

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	10.7	7.8	11.6

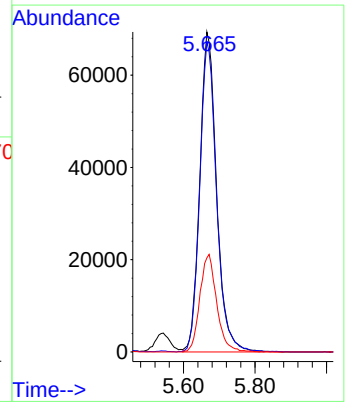


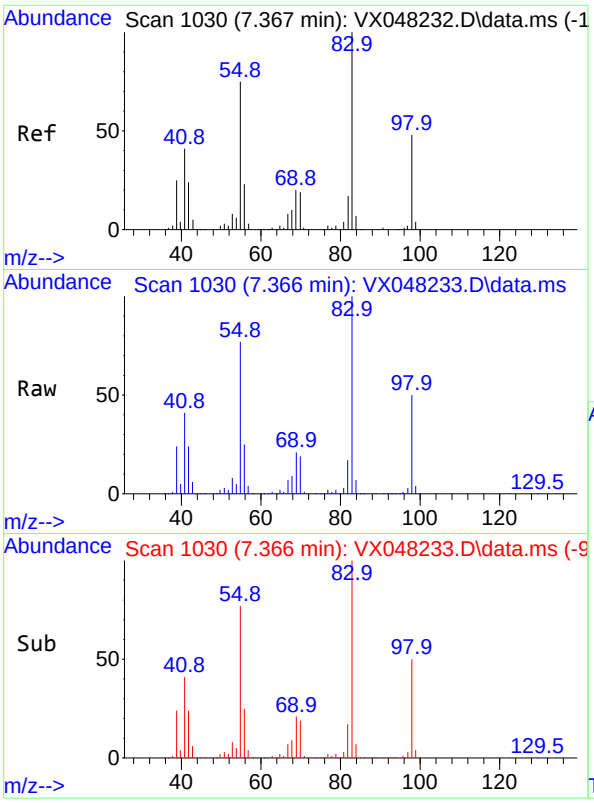


#38
Carbon Tetrachloride
Concen: 100.976 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 226976

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	29.4	24.8	37.2



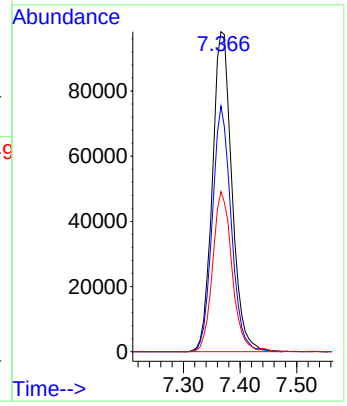


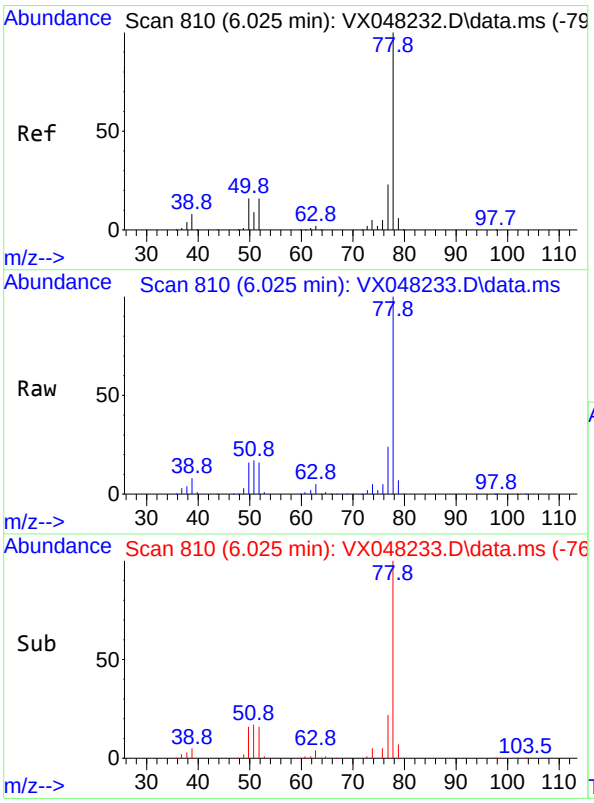
#39
Methylcyclohexane
Concen: 109.312 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 235208

Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.2	99.2
98	50.0	38.9	58.3

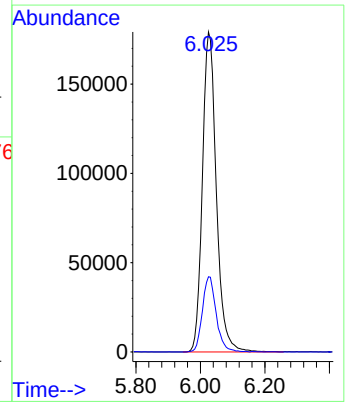


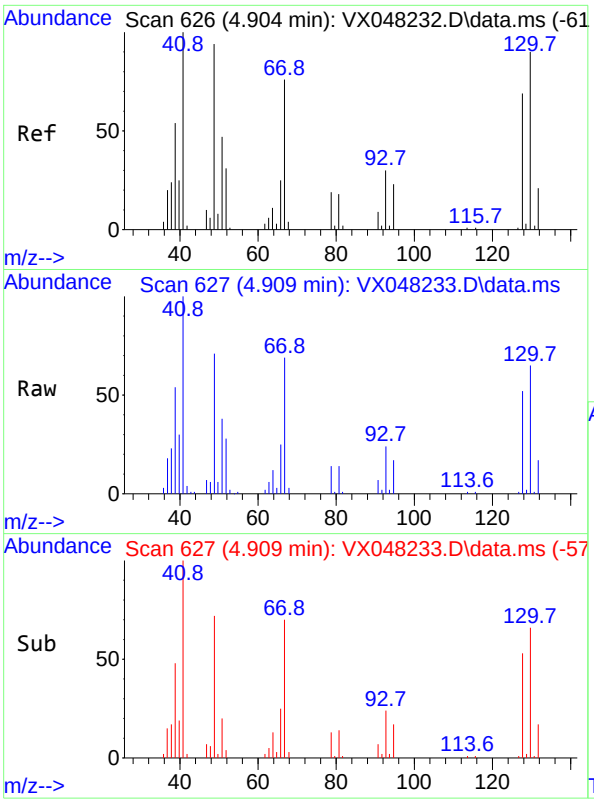


#40
Benzene
Concen: 101.216 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 78 Resp: 535407

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



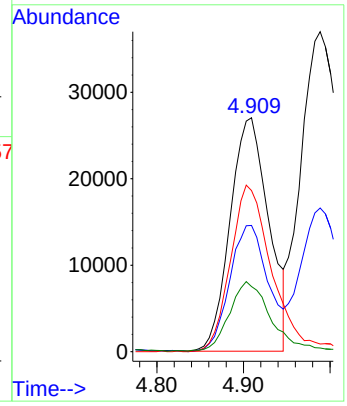


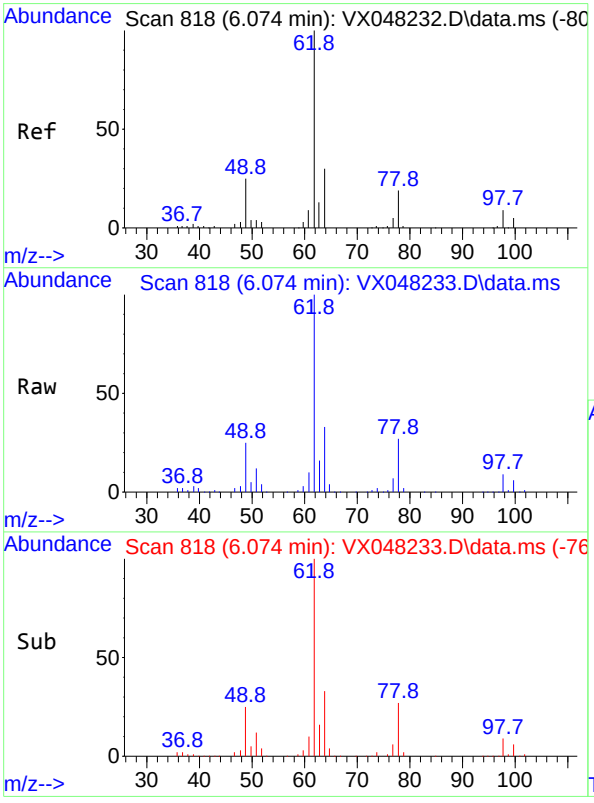
#41
Methacrylonitrile
Concen: 105.653 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 83790

Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	77.7	58.7	88.1
52	32.3	25.9	38.9

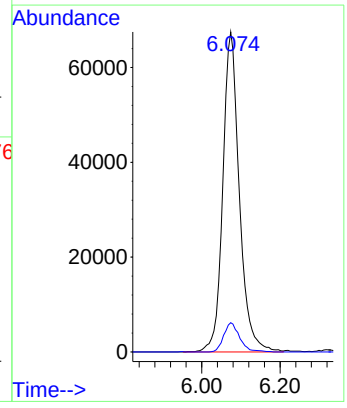


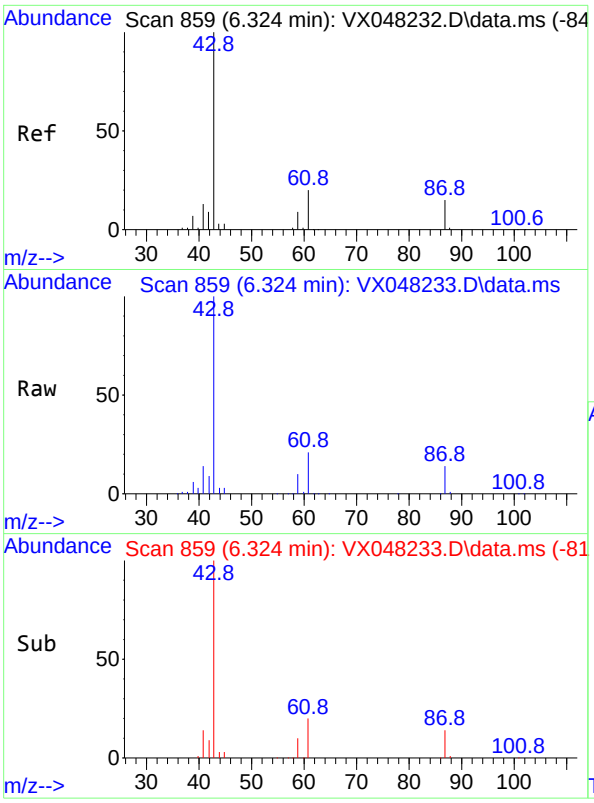


#42
1,2-Dichloroethane
Concen: 101.616 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



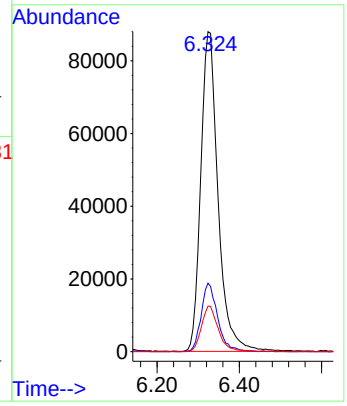


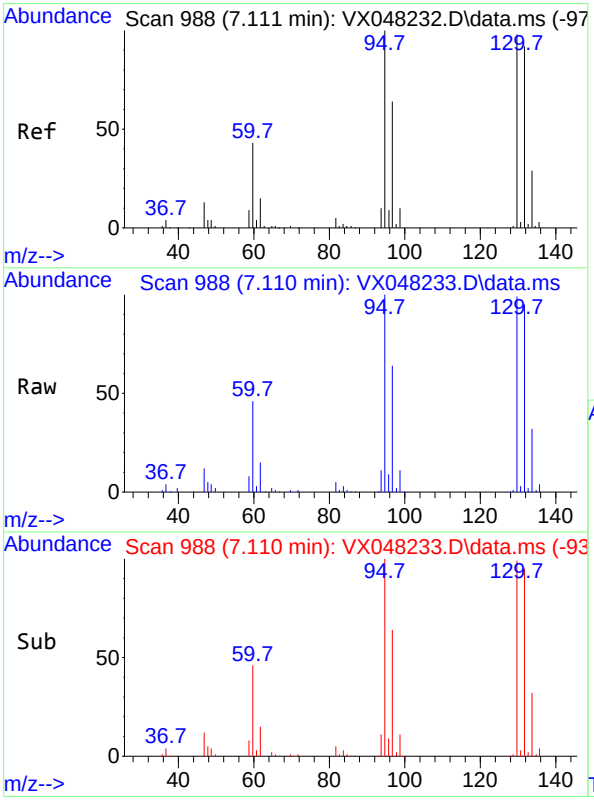
#43
Isopropyl Acetate
Concen: 103.227 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 256067

Ion	Ratio	Lower	Upper
43	100		
61	20.5	14.9	22.3
87	14.0	9.4	14.2

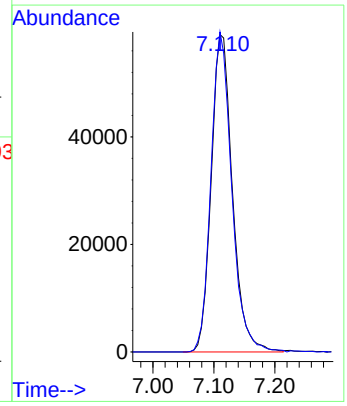


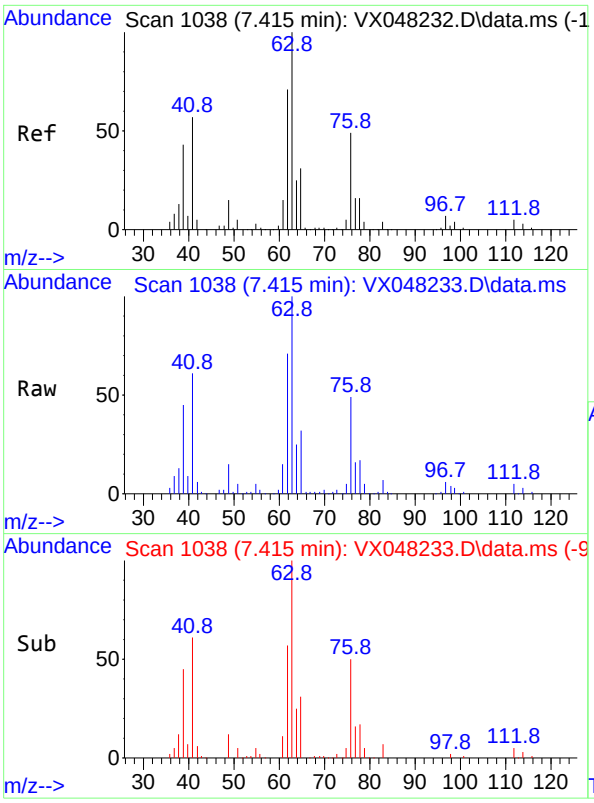


#44
Trichloroethene
Concen: 102.221 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:130 Resp: 142779

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	200.6



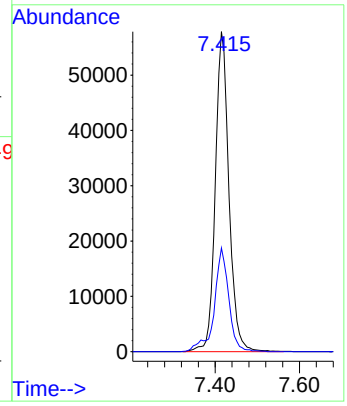


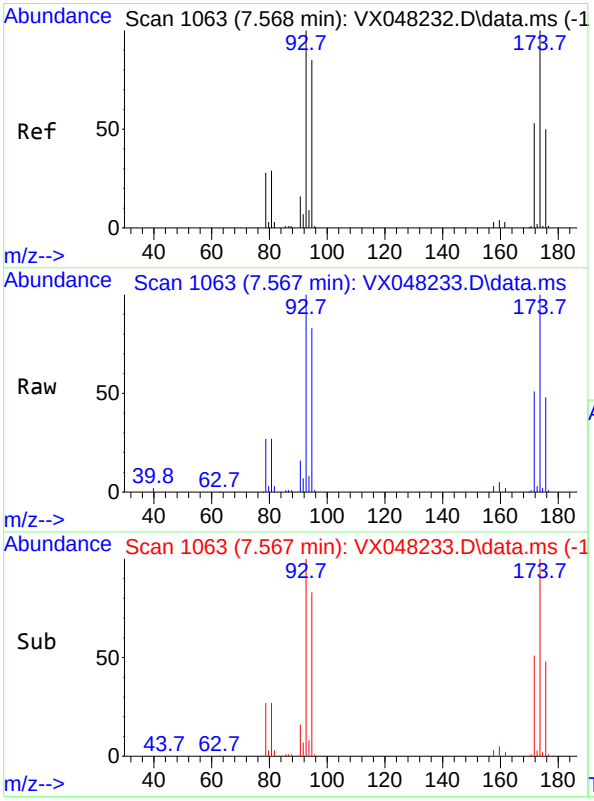
#45
1,2-Dichloropropane
Concen: 103.516 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 130188

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.1	36.1

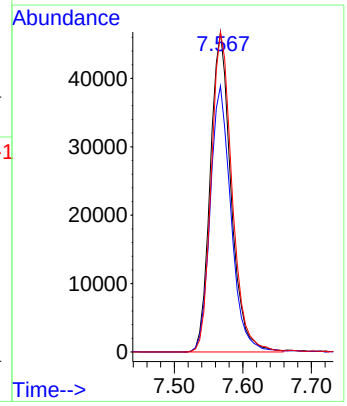


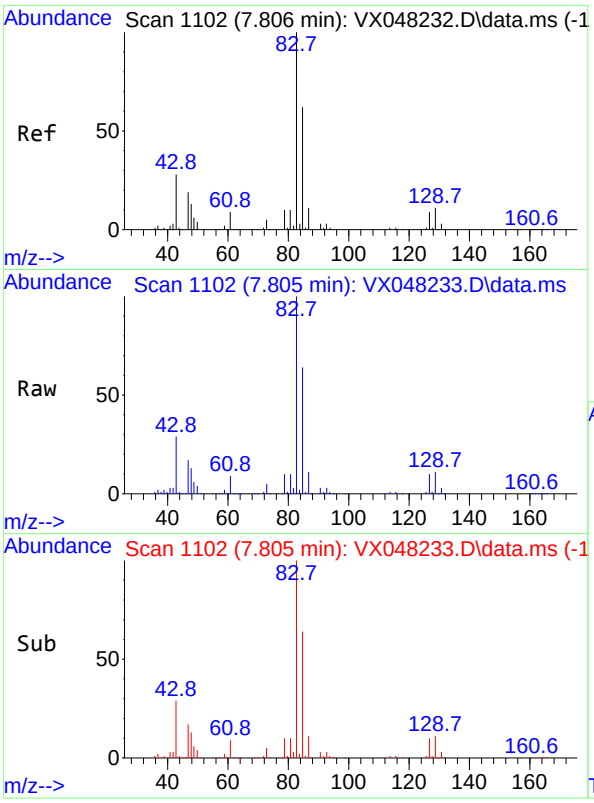


#46
Dibromomethane
Concen: 100.126 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 93 Resp: 98105

Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.9	98.9
174	100.3	71.7	107.5



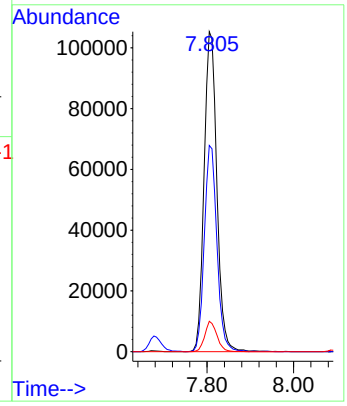


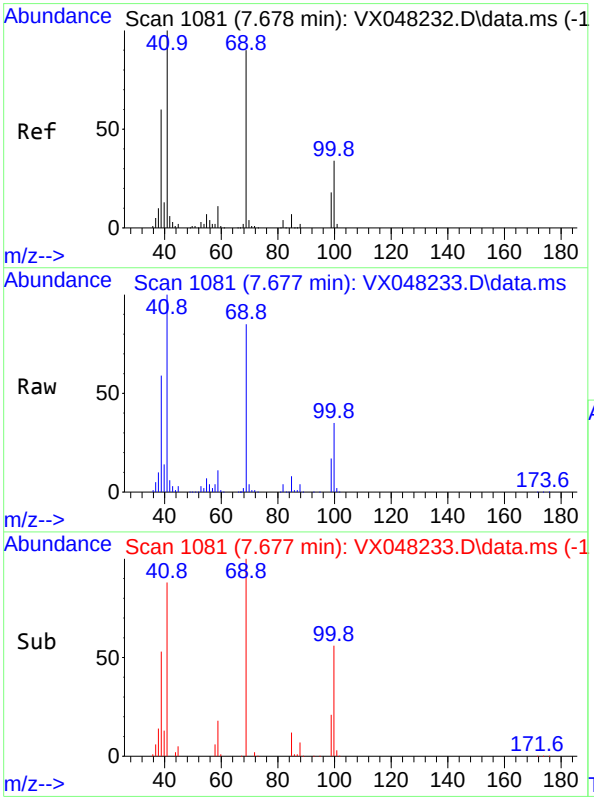
#47
Bromodichloromethane
Concen: 101.770 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 215302

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	9.5	7.3	10.9

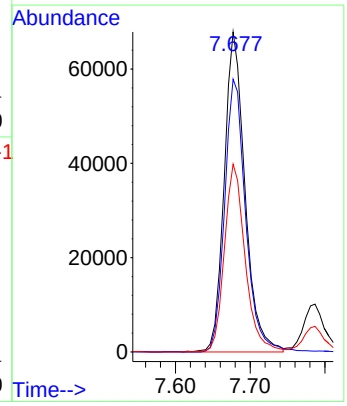


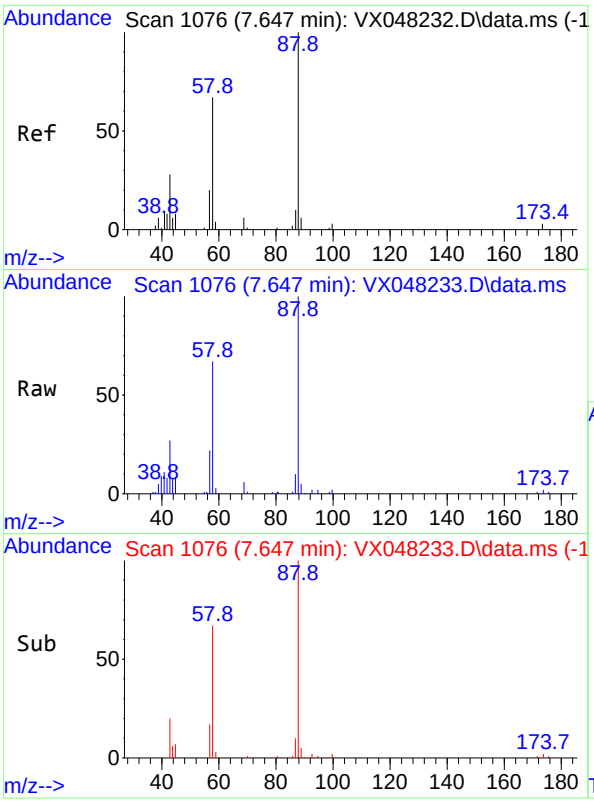


#48
Methyl methacrylate
Concen: 105.017 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 41 Resp: 131454

Ion	Ratio	Lower	Upper
41	100		
69	86.8	63.4	95.0
39	58.7	47.1	70.7



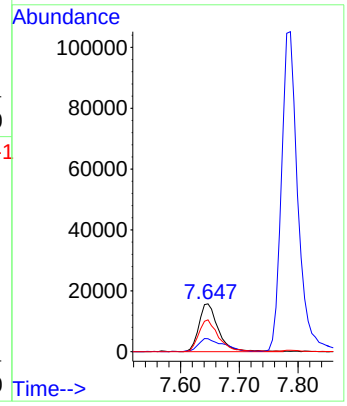


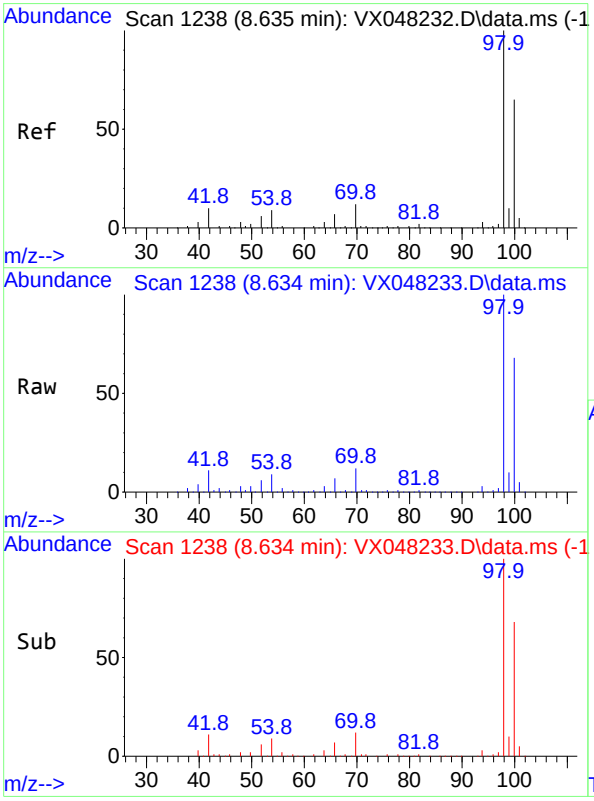
#49
1,4-Dioxane
Concen: 2175.223 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 35972

Ion	Ratio	Lower	Upper
88	100		
43	36.6	35.0	52.4
58	68.4	61.9	92.9

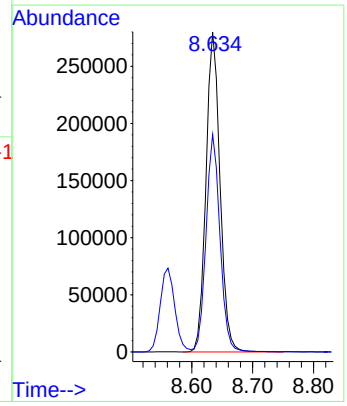


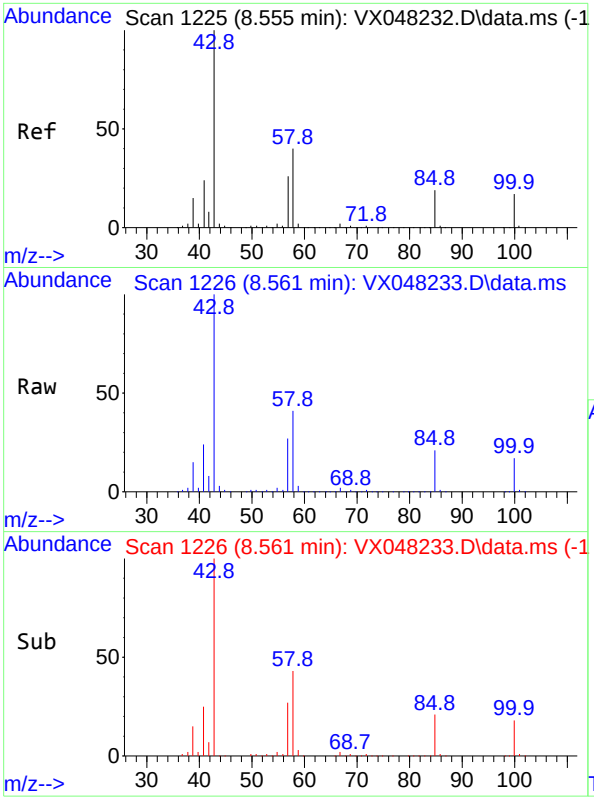


#50
Toluene-d8
Concen: 99.920 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 98 Resp: 448948

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



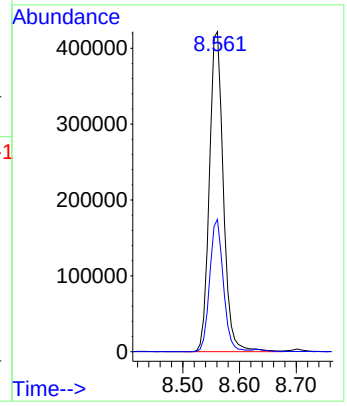


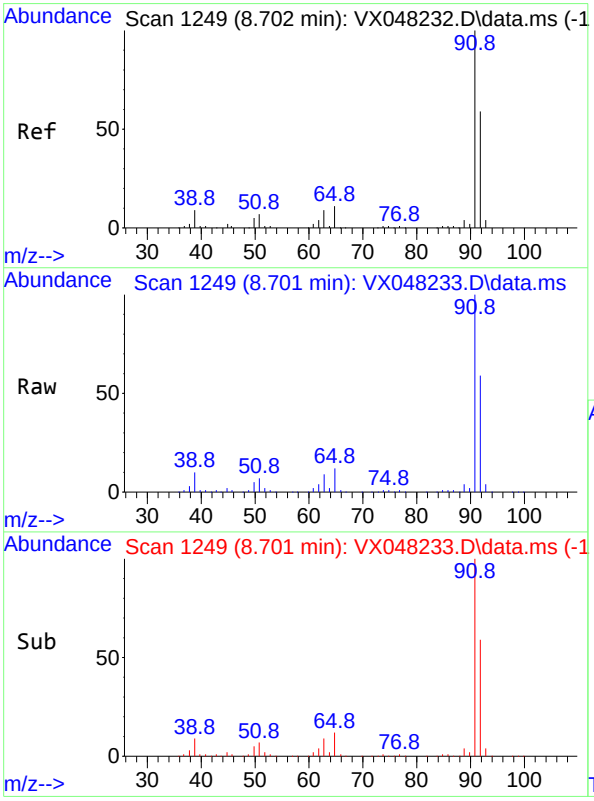
#51
4-Methyl-2-Pentanone
Concen: 504.097 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 720980

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

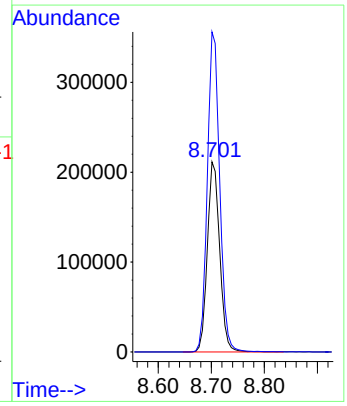


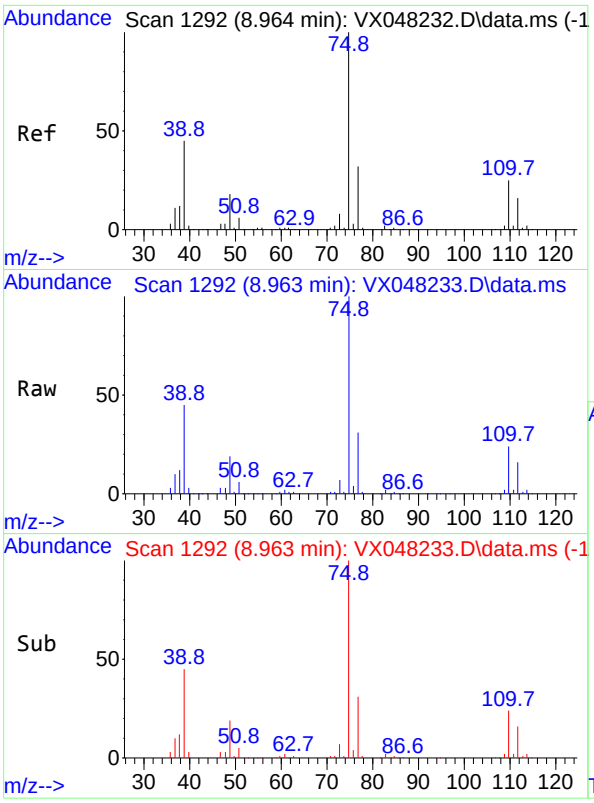


#52
Toluene
Concen: 101.651 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 92 Resp: 341597

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.1	204.1



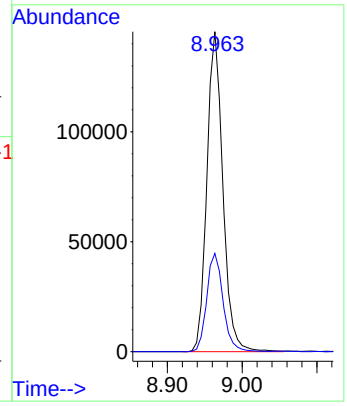


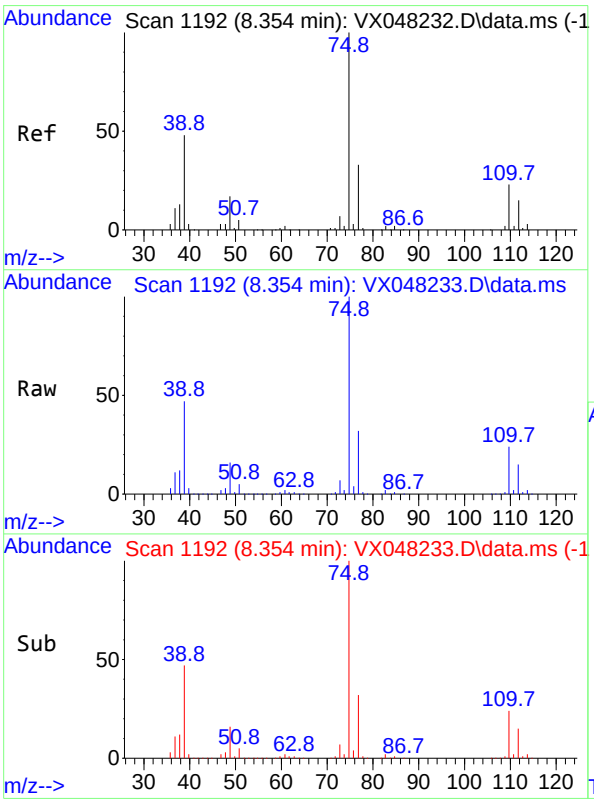
#53
t-1,3-Dichloropropene
Concen: 105.820 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 215736

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.0	37.6

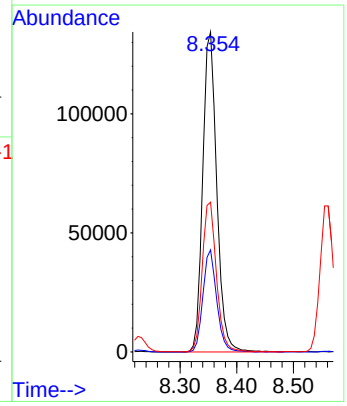


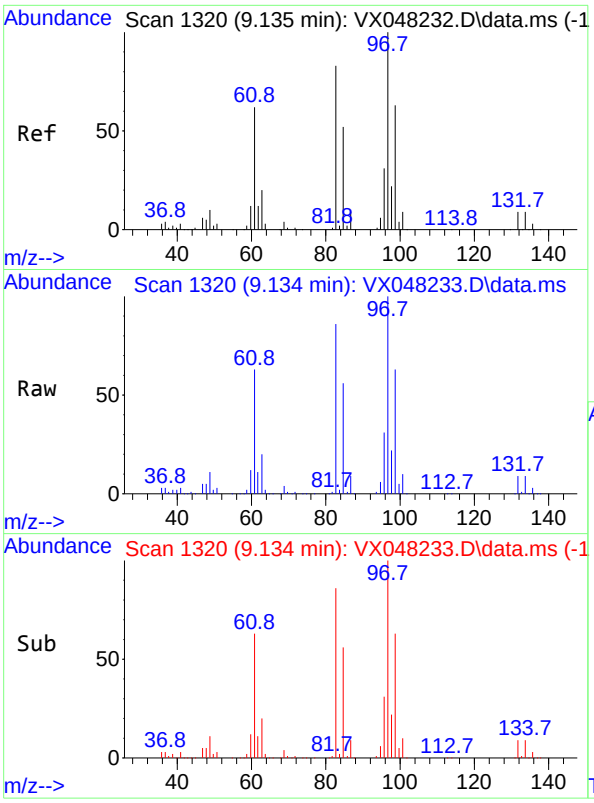


#54
cis-1,3-Dichloropropene
Concen: 105.038 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 231037

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	46.7	42.6	64.0



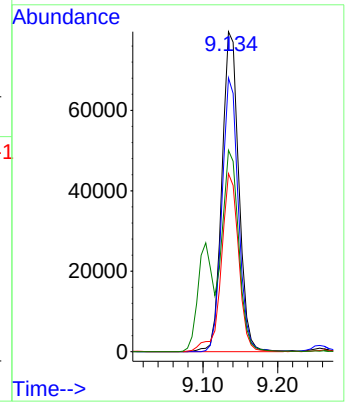


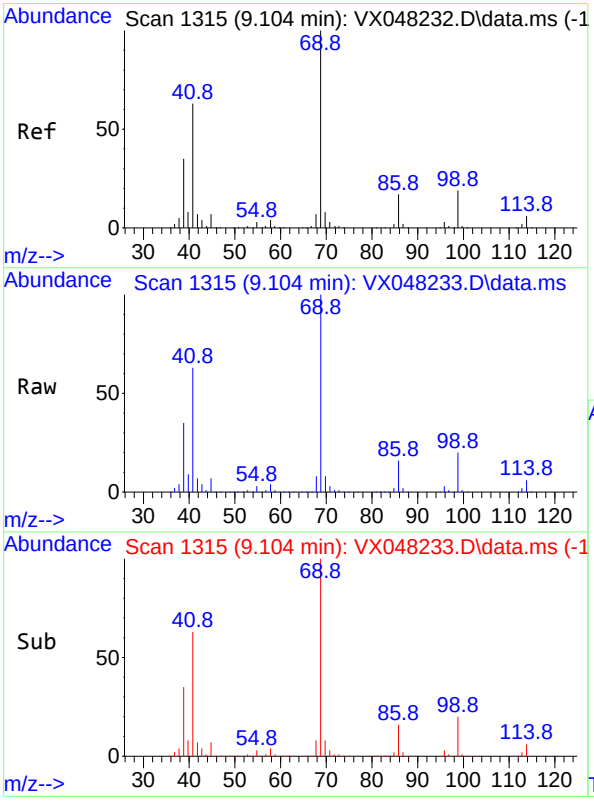
#55
1,1,2-Trichloroethane
Concen: 99.952 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 124910

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	55.7	45.0	67.6
99	62.8	50.9	76.3

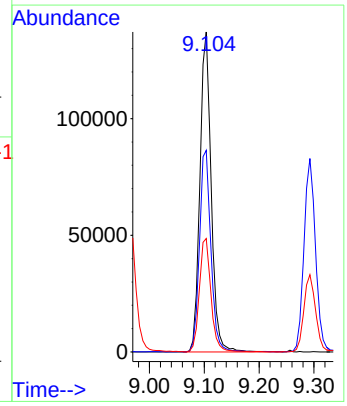


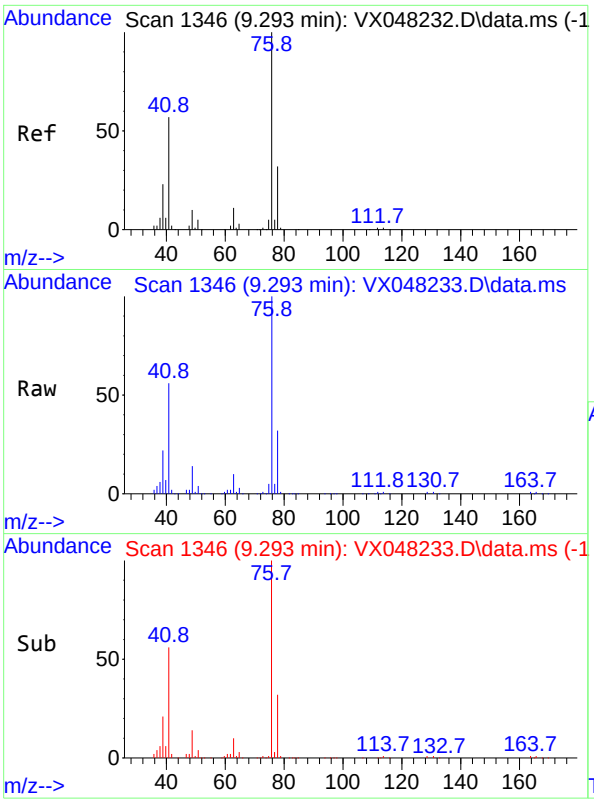


#56
Ethyl methacrylate
Concen: 107.610 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.0	84.0
39	36.7	31.6	47.4



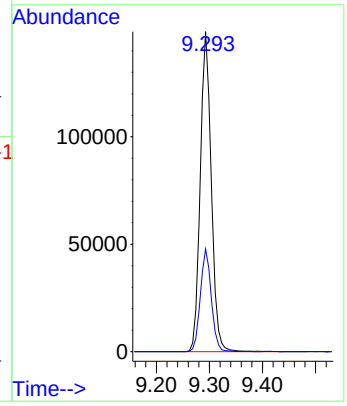


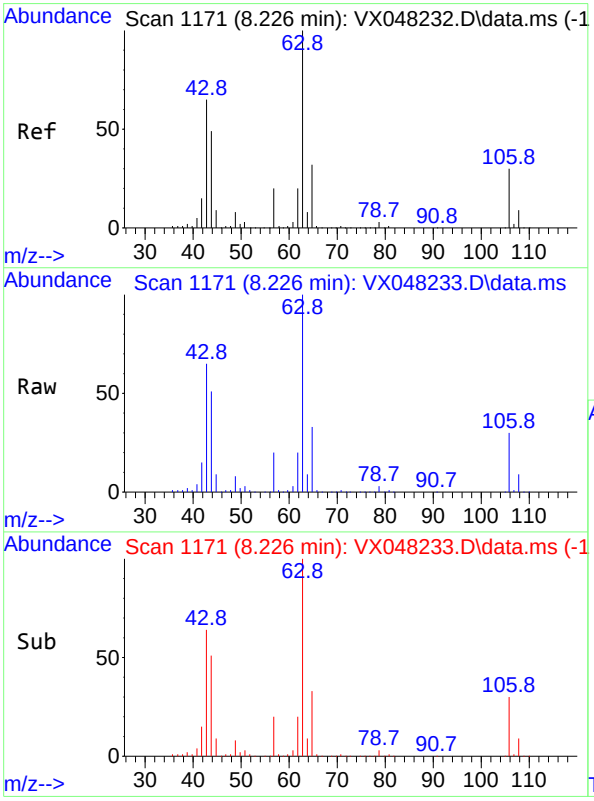
#57
1,3-Dichloropropane
Concen: 100.650 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 214853

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.0

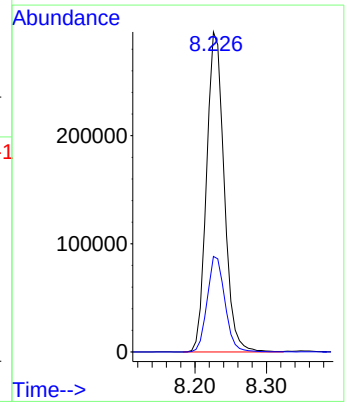


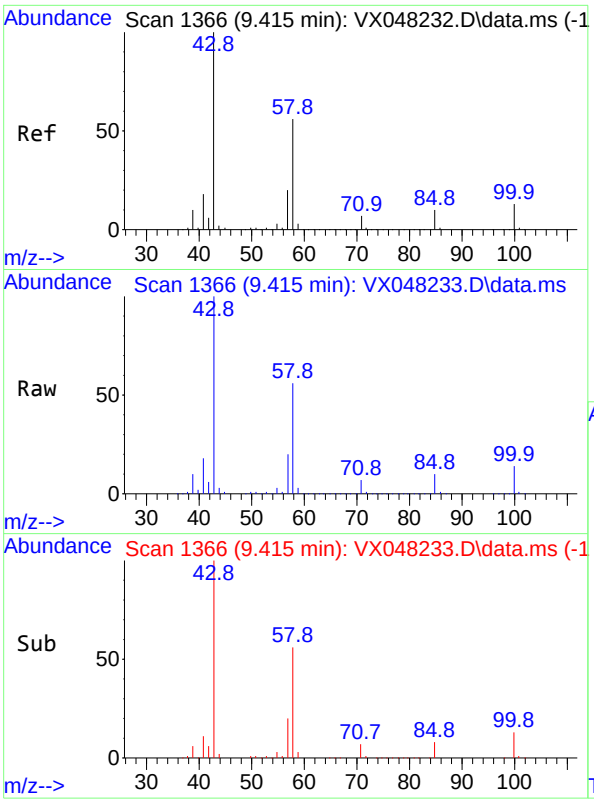


#58
2-Chloroethyl Vinyl ether
Concen: 512.470 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 63 Resp: 505448

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.2



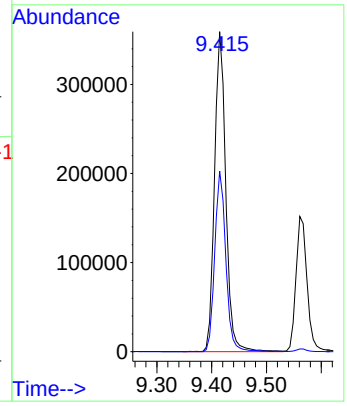


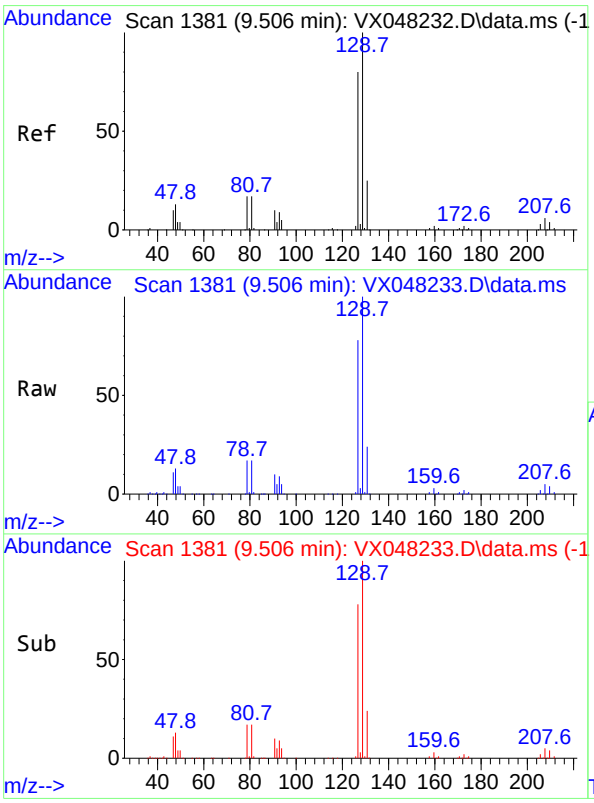
#59
2-Hexanone
Concen: 510.781 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 509398

Ion	Ratio	Lower	Upper
43	100		
58	55.8	26.3	78.8

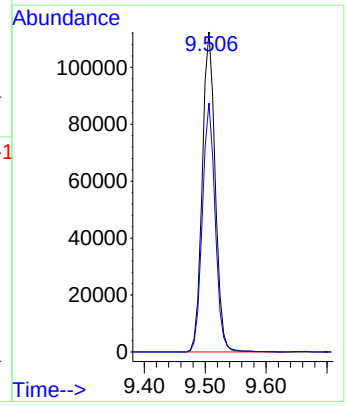


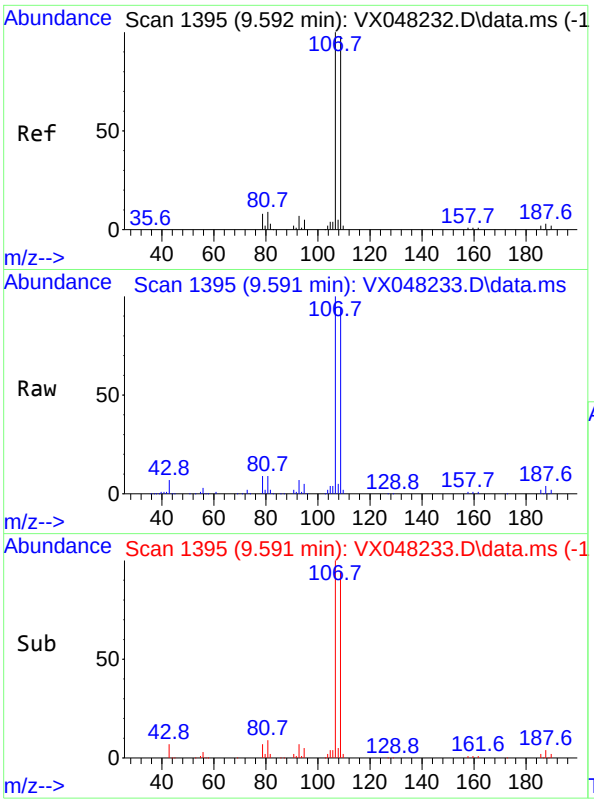


#60
Dibromochloromethane
Concen: 98.928 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:129 Resp: 166167

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	115.7



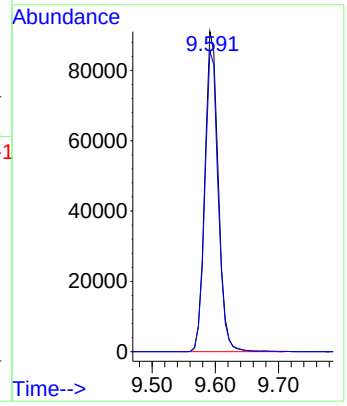


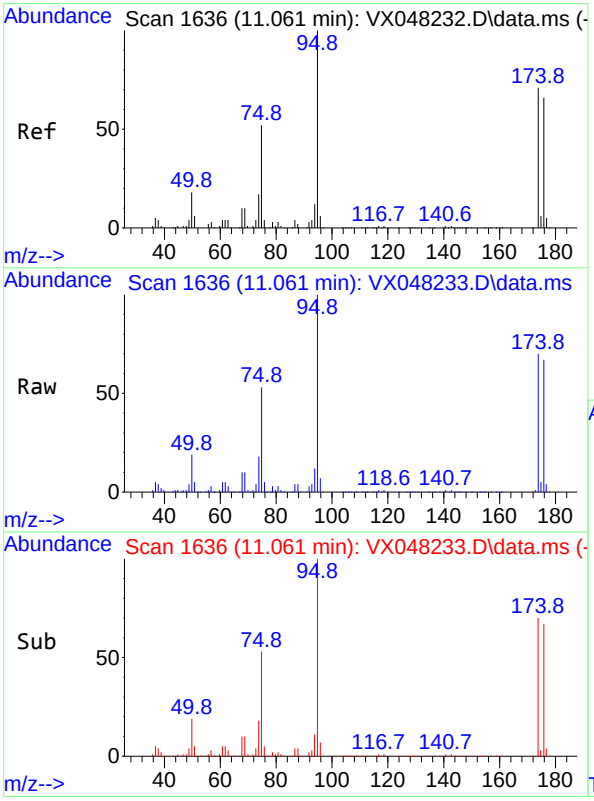
#61
1,2-Dibromoethane
Concen: 101.077 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 134662

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.0	115.4

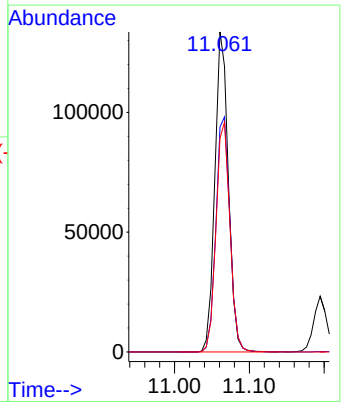


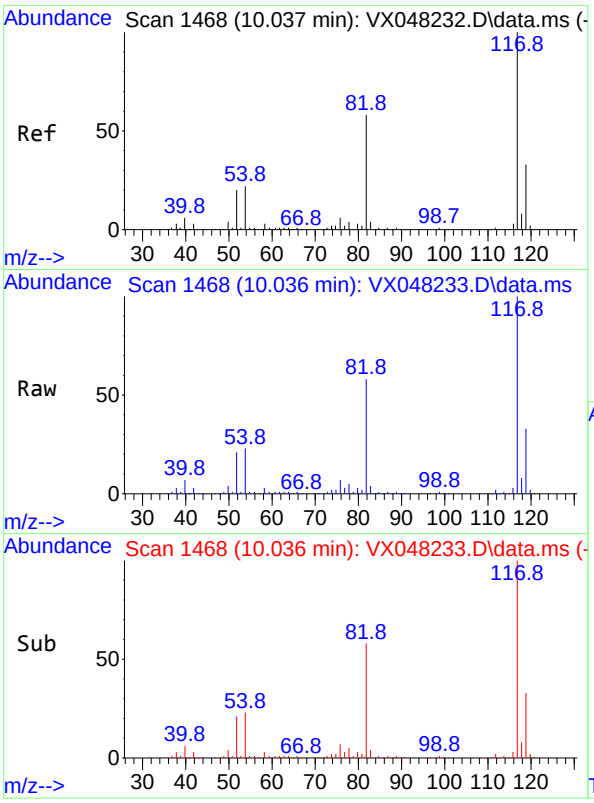


#62
4-Bromofluorobenzene
Concen: 98.032 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 95 Resp: 167565

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	147.8
176	74.1	0.0	142.8



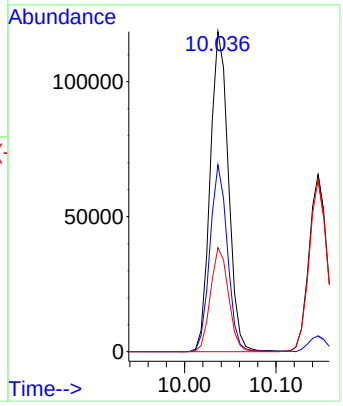


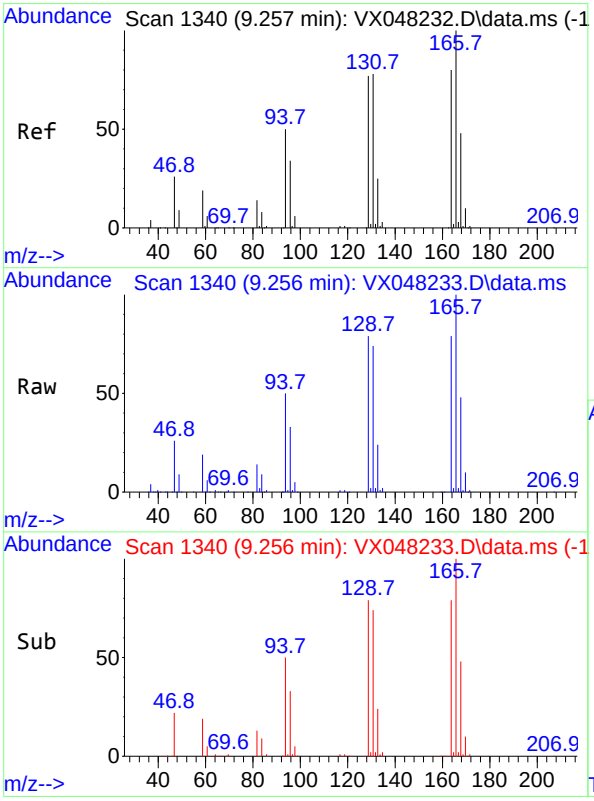
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 163588

Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.5	69.7
119	32.5	25.9	38.9

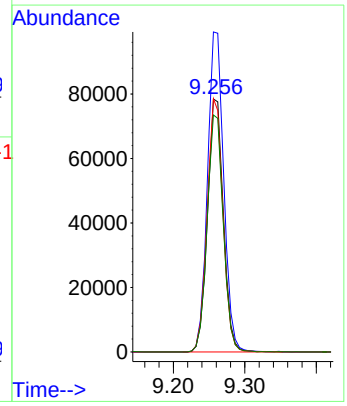


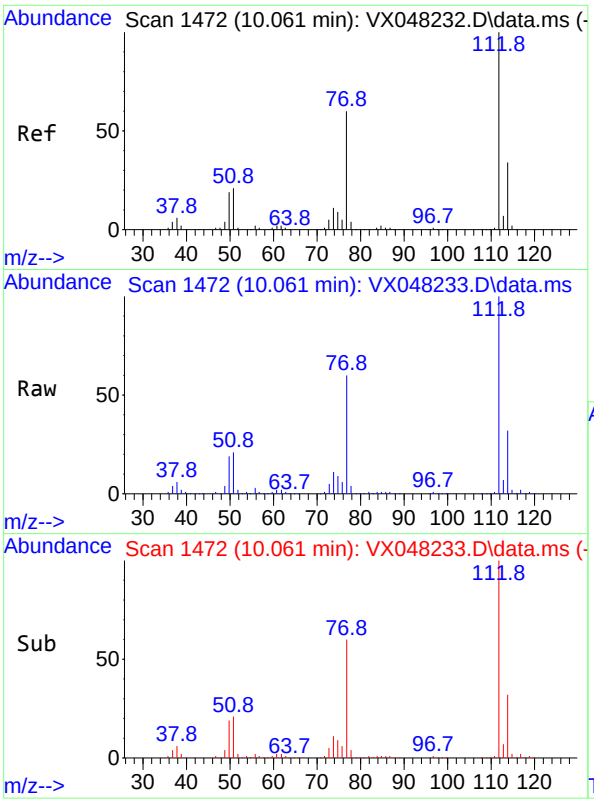


#64
Tetrachloroethene
Concen: 99.215 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:164 Resp: 121163

Ion	Ratio	Lower	Upper
164	100		
166	126.5	104.5	156.7
129	100.1	81.8	122.6
131	93.6	77.0	115.6



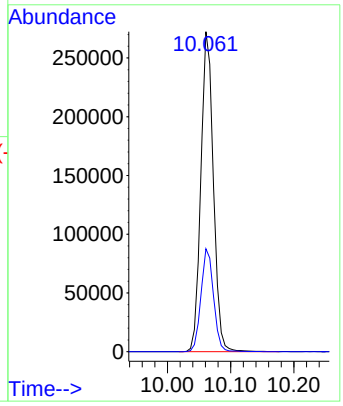


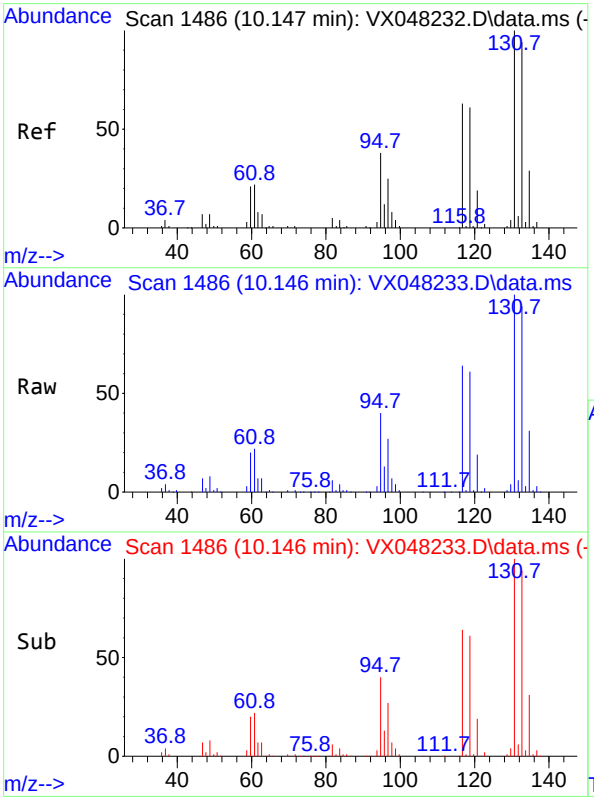
#65
Chlorobenzene
Concen: 102.048 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 375532

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2

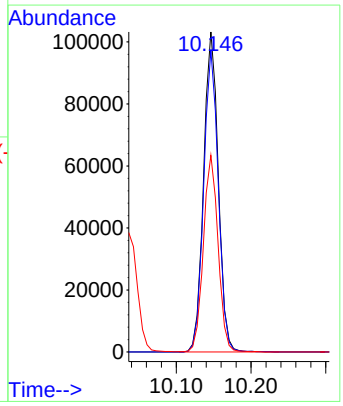


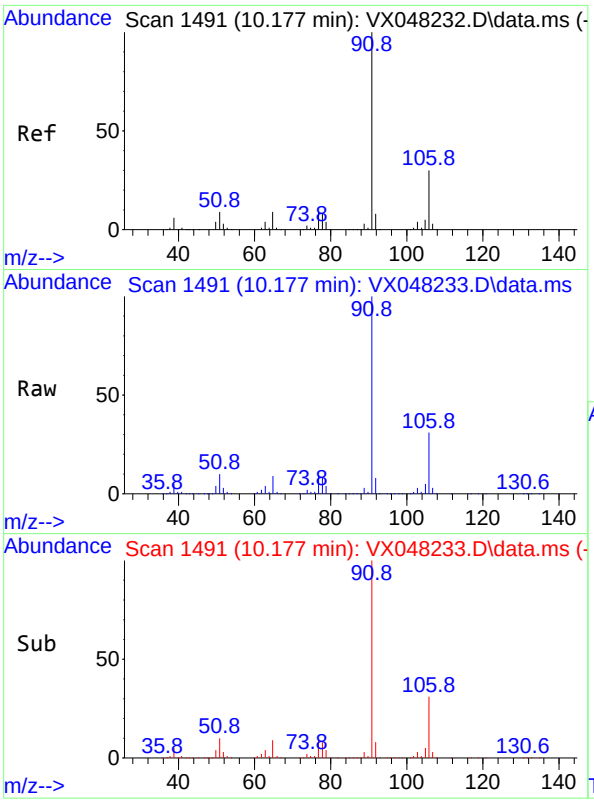


#66
1,1,1,2-Tetrachloroethane
Concen: 104.022 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:131 Resp: 140599

Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.6	142.8
119	61.6	32.5	97.5



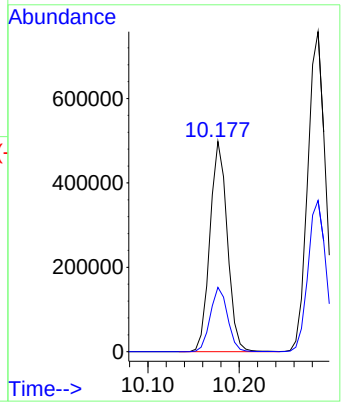


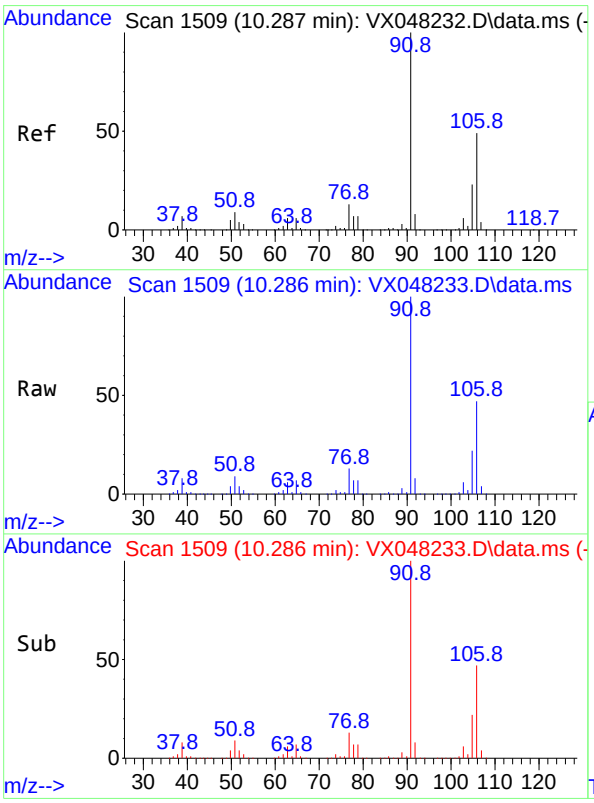
#67
Ethyl Benzene
Concen: 104.850 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 656925

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6

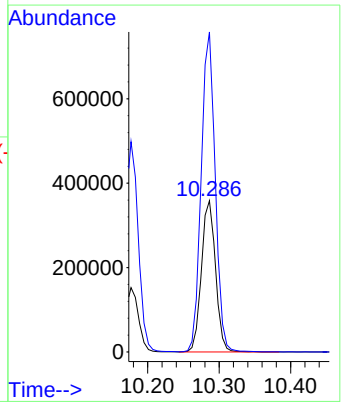


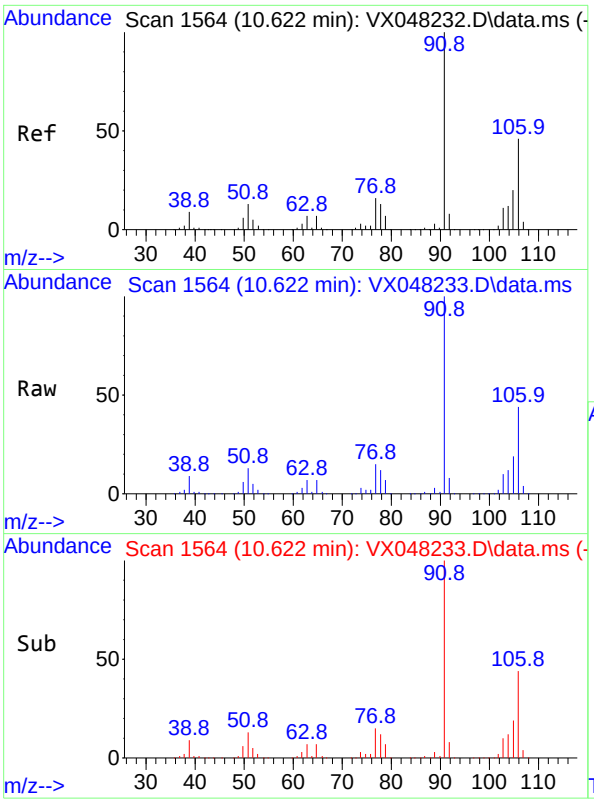


#68
m/p-Xylenes
Concen: 210.869 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:106 Resp: 490879

Ion	Ratio	Lower	Upper
106	100		
91	210.5	167.9	251.9



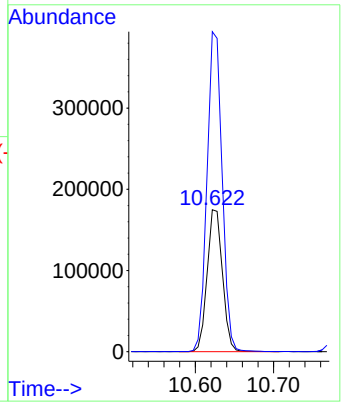


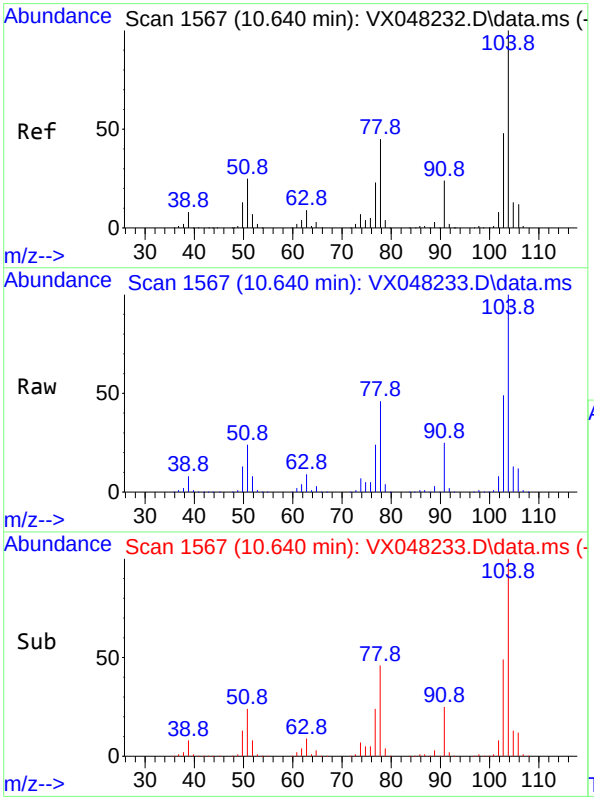
#69
o-Xylene
Concen: 105.297 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 236648

Ion	Ratio	Lower	Upper
106	100		
91	222.9	111.3	333.9

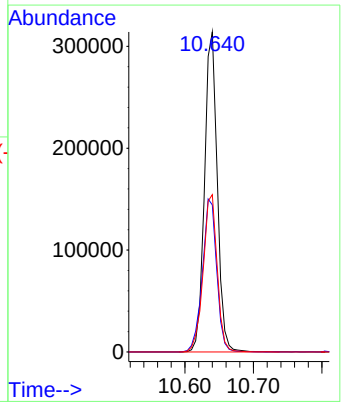


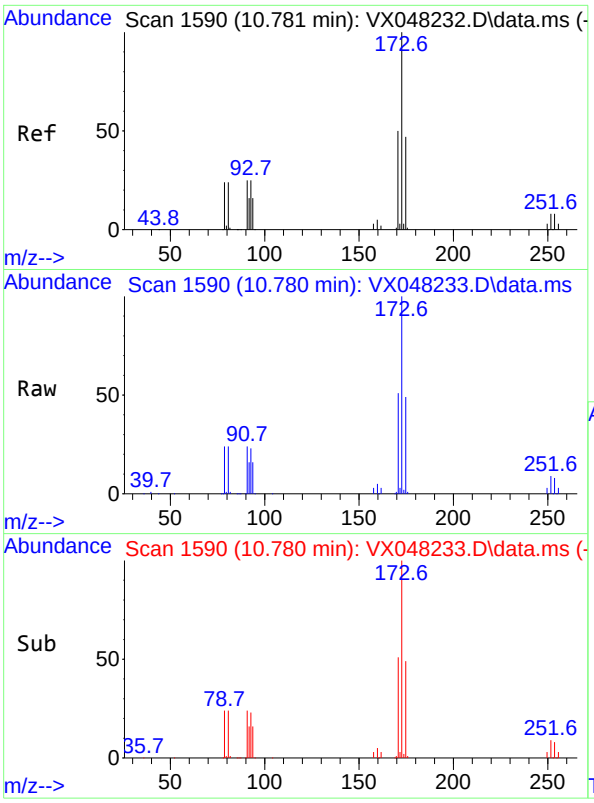


#70
Styrene
Concen: 106.594 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:104 Resp: 407916

Ion	Ratio	Lower	Upper
104	100		
78	53.6	42.2	63.4
103	54.0	43.0	64.4



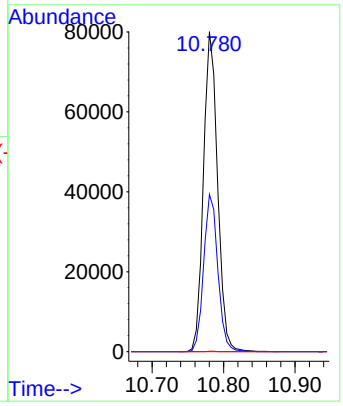


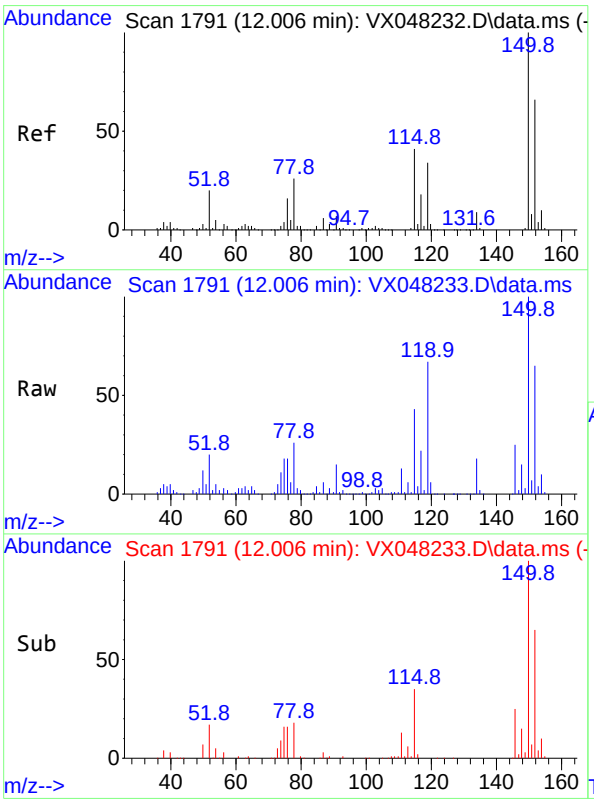
#71
Bromoform
Concen: 101.467 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 109613

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.0	72.0
254	0.1	0.0	0.0#

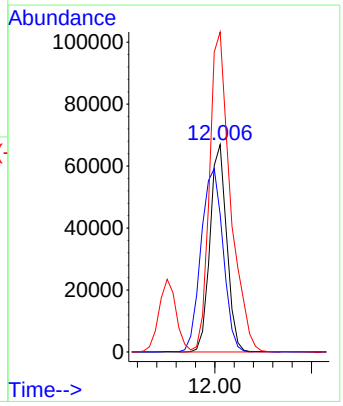


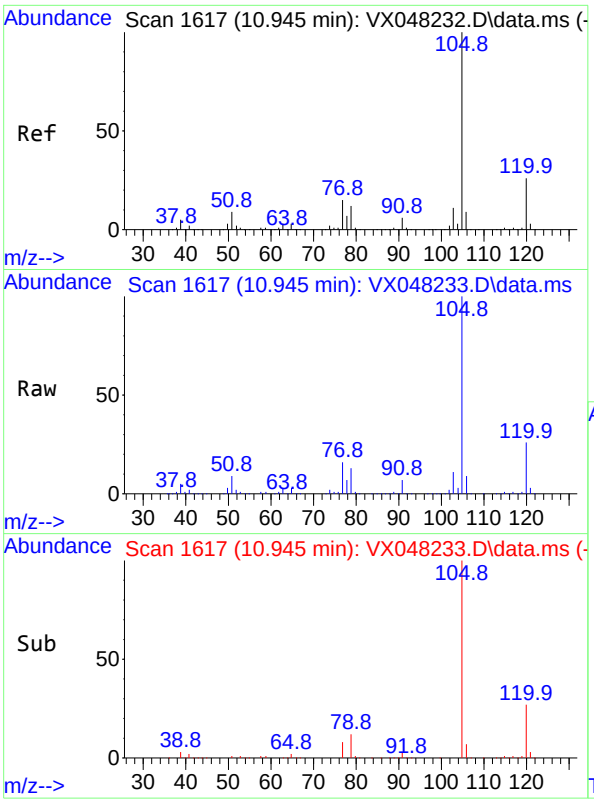


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:152 Resp: 80621

Ion	Ratio	Lower	Upper
152	100		
115	116.4	43.1	129.4
150	192.6	0.0	353.0



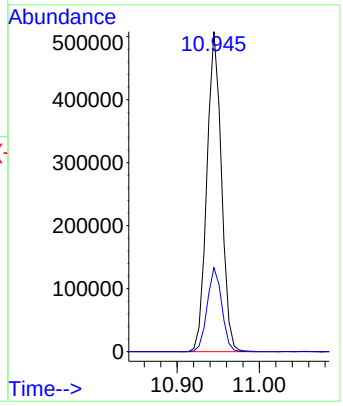


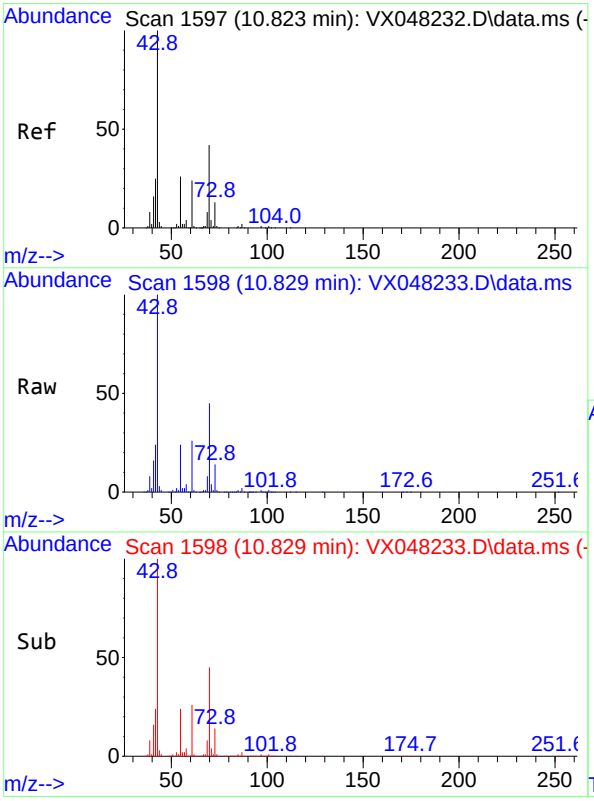
#73
Isopropylbenzene
Concen: 106.098 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 624767

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

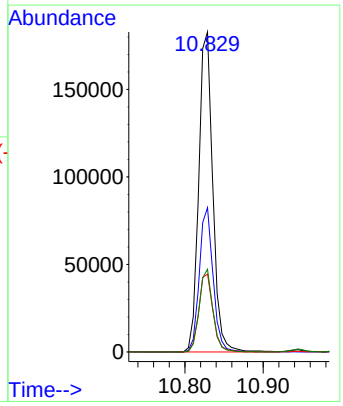


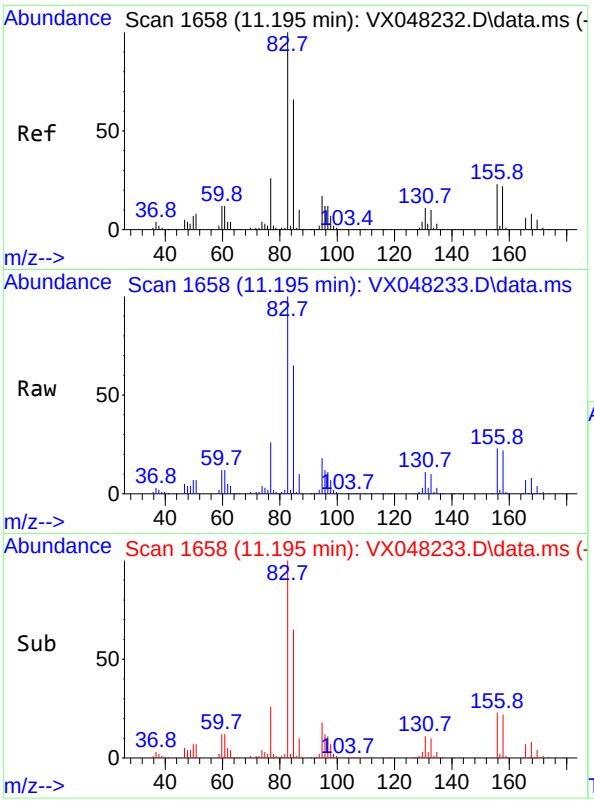


#74
N-amyl acetate
Concen: 109.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 43 Resp: 228080

Ion	Ratio	Lower	Upper
43	100		
70	44.4	32.2	48.2
55	24.8	19.1	28.7
61	25.0	18.6	28.0



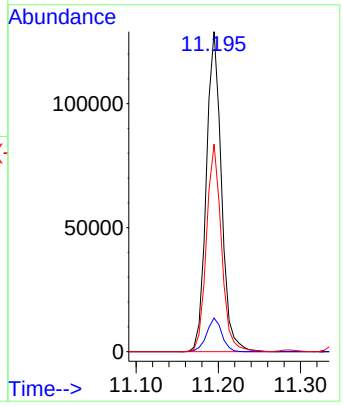


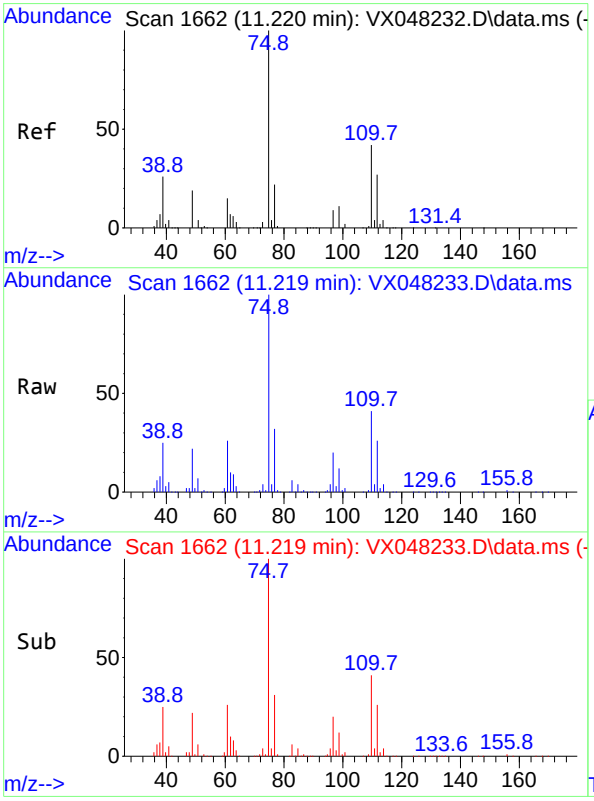
#75
1,1,2,2-Tetrachloroethane
Concen: 102.114 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 164207

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	64.4	31.9	95.7

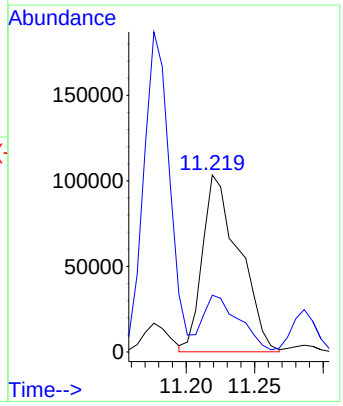


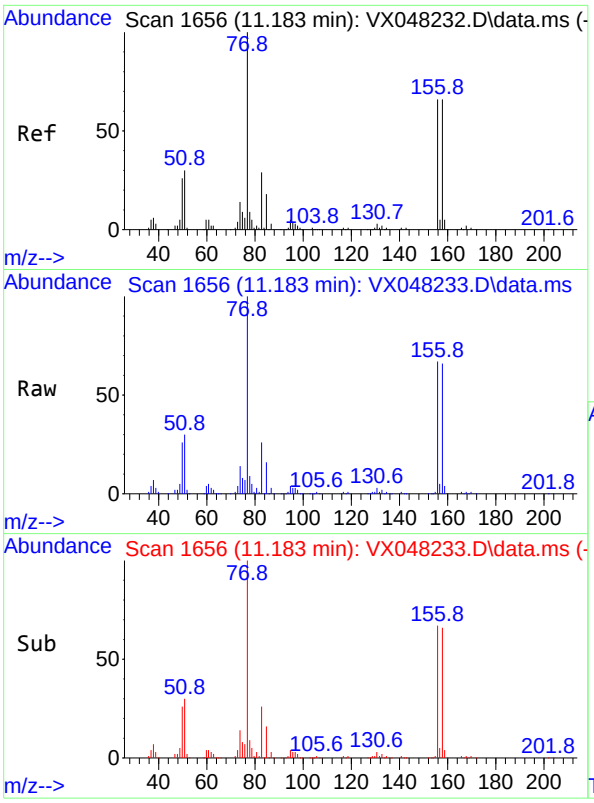


#76
1,2,3-Trichloropropane
Concen: 147.394 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 192703

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.4	67.2



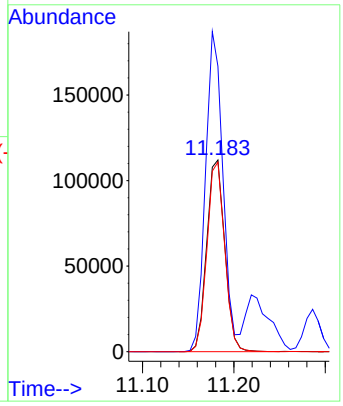


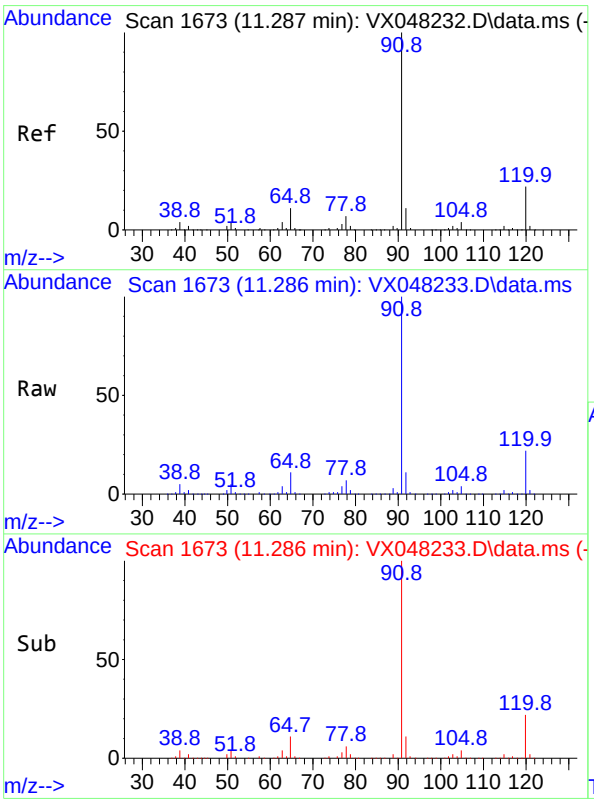
#77
Bromobenzene
Concen: 104.042 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 153619

Ion	Ratio	Lower	Upper
156	100		
77	159.4	87.0	261.0
158	96.9	47.8	143.4

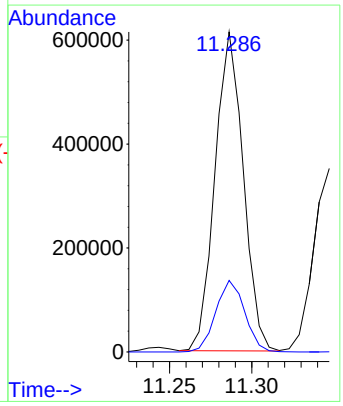


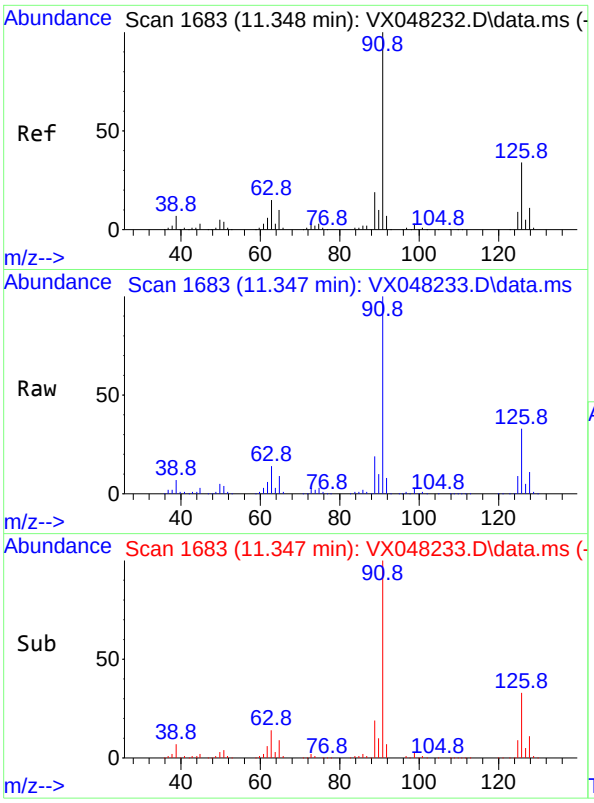


#78
n-propylbenzene
Concen: 107.464 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 732684

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.1



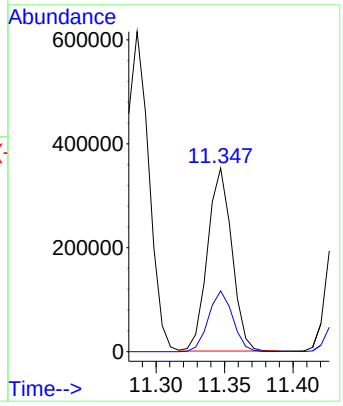


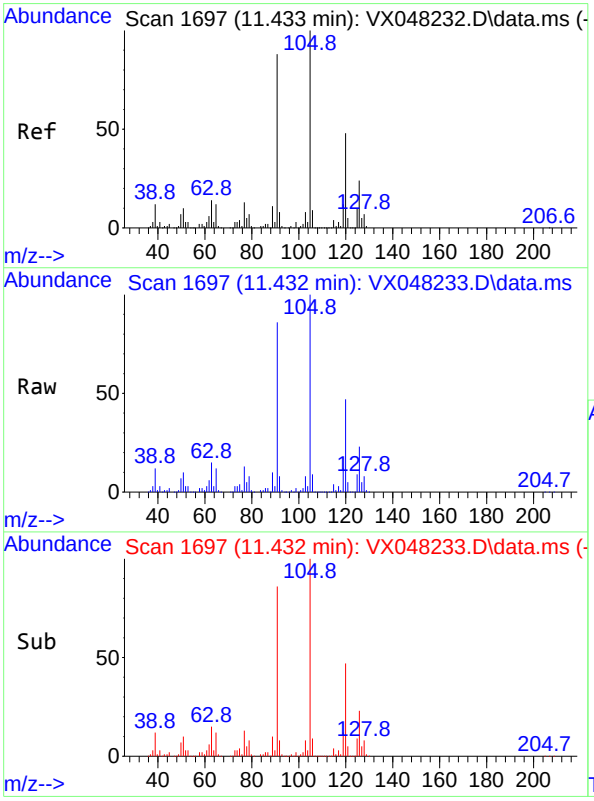
#79
2-Chlorotoluene
Concen: 105.044 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 434217

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4

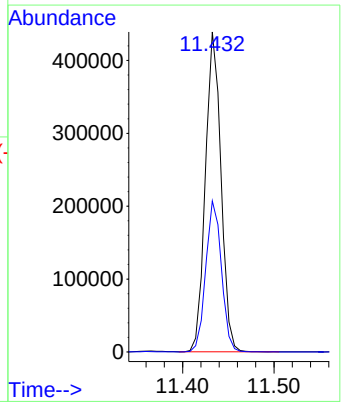


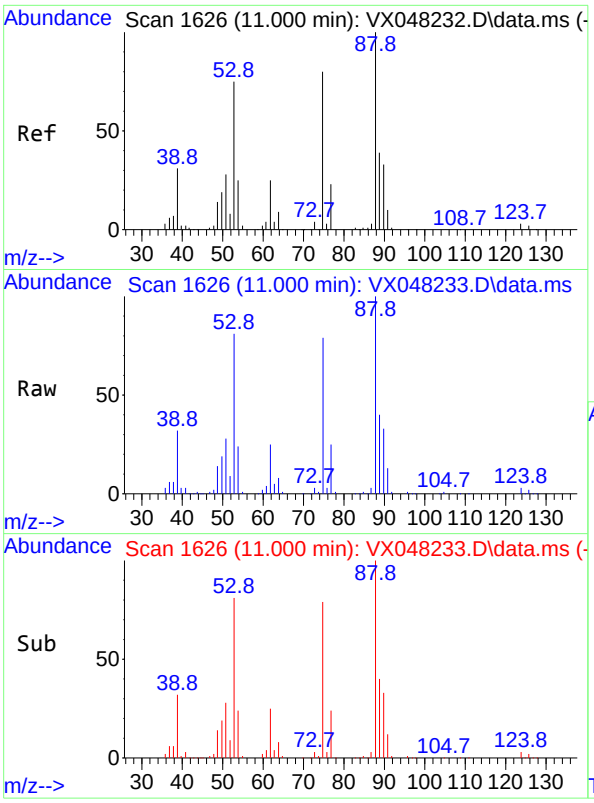


#80
1,3,5-Trimethylbenzene
Concen: 106.616 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 519549

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.0	72.0



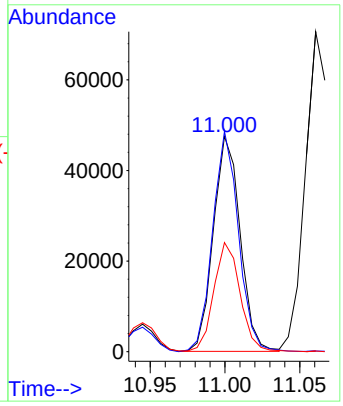


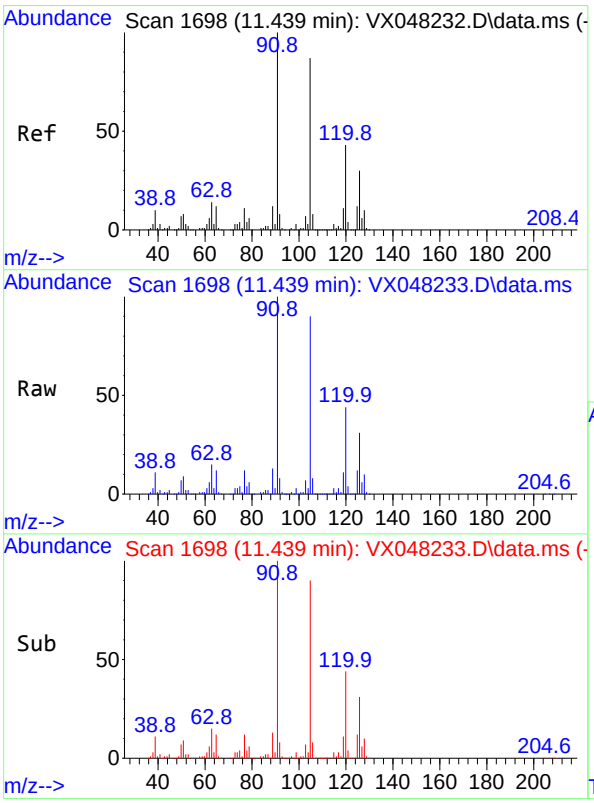
#81
trans-1,4-Dichloro-2-butene
Concen: 109.902 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 59059

Ion	Ratio	Lower	Upper
75	100		
53	98.7	79.5	119.3
89	49.9	36.8	55.2

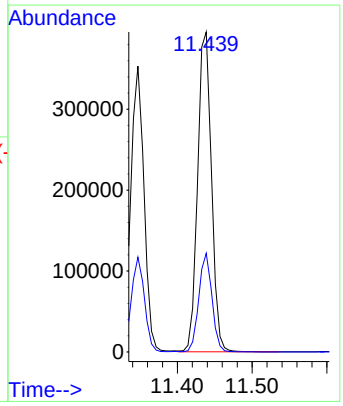


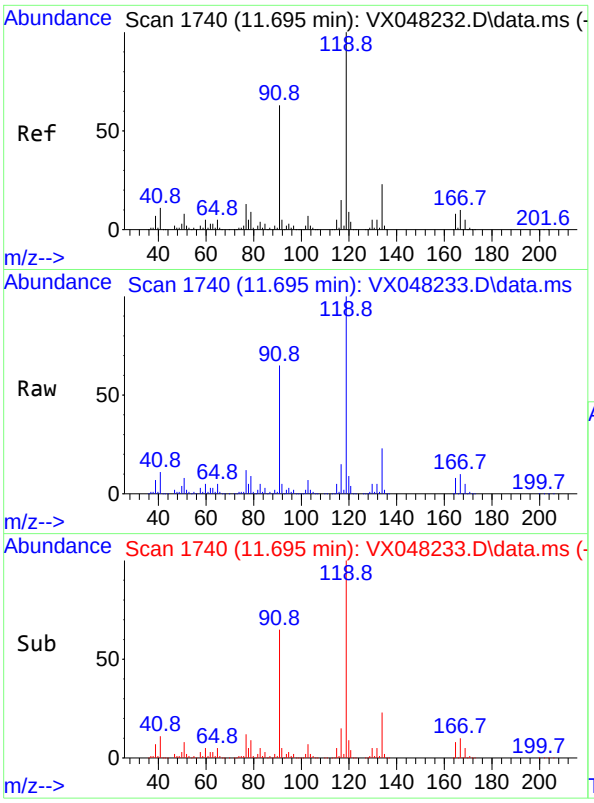


#82
4-Chlorotoluene
Concen: 103.293 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 91 Resp: 506861

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.1	42.4



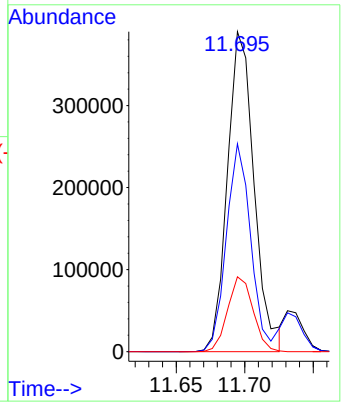


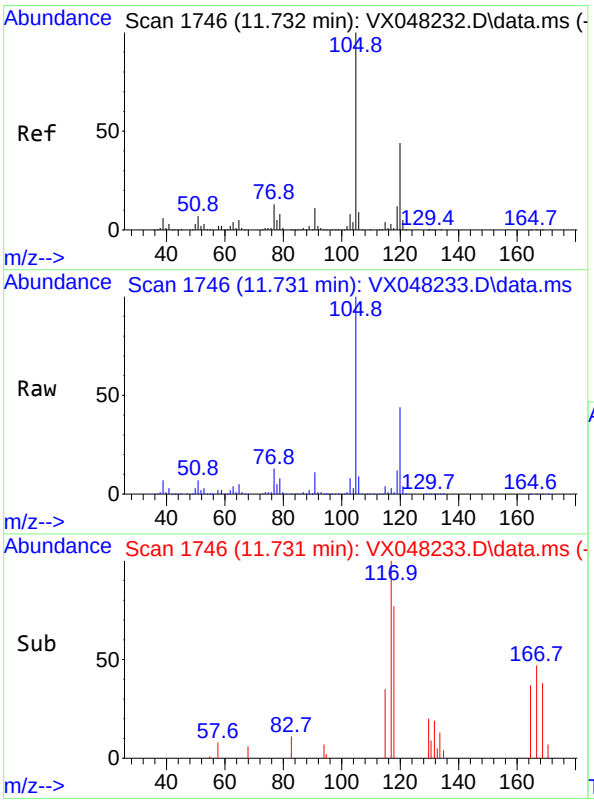
#83
tert-Butylbenzene
Concen: 105.707 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 529264

Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	22.3	11.4	34.2

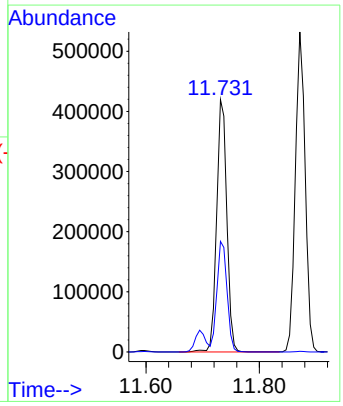


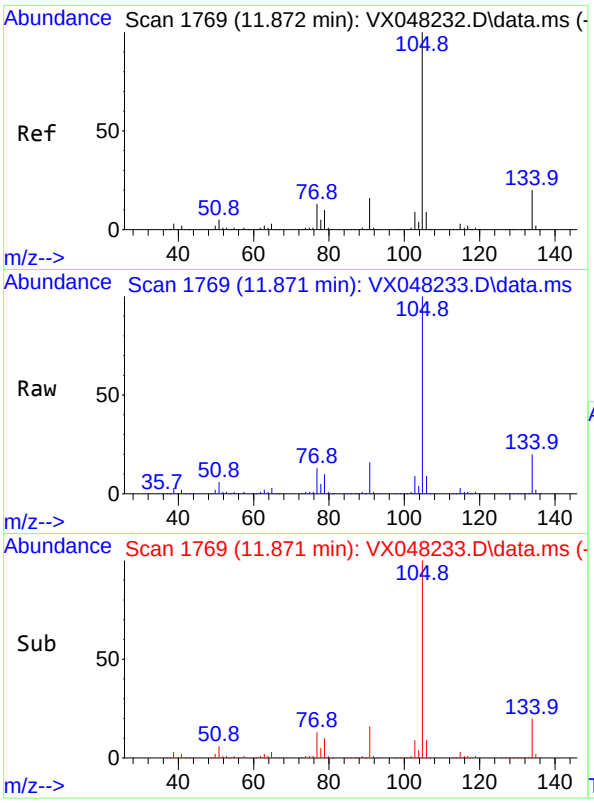


#84
1,2,4-Trimethylbenzene
Concen: 107.638 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:105 Resp: 523474

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5



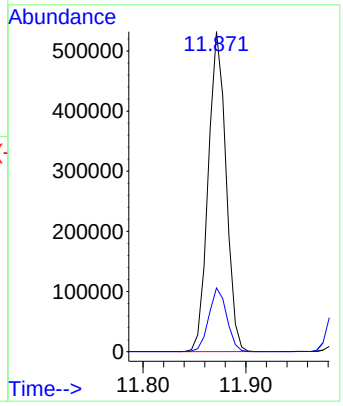


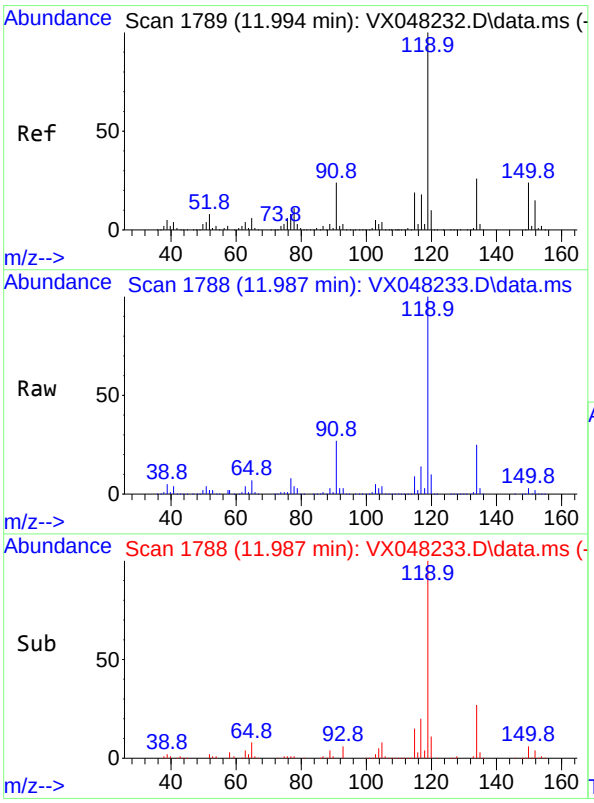
#85
sec-Butylbenzene
Concen: 106.228 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 639904

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

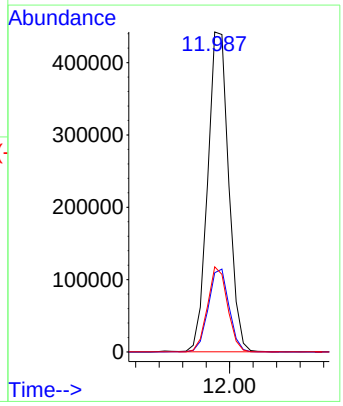


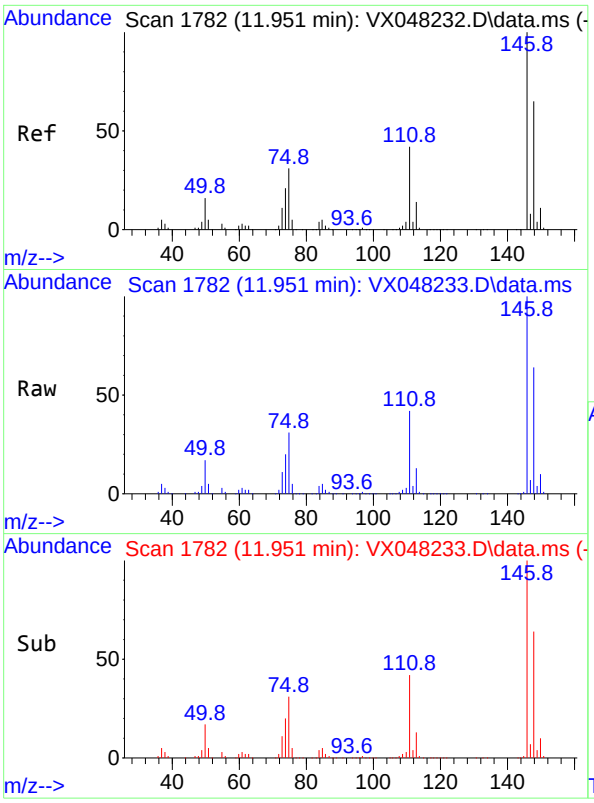


#86
p-Isopropyltoluene
Concen: 105.271 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:119 Resp: 548119

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	25.5	12.1	36.3



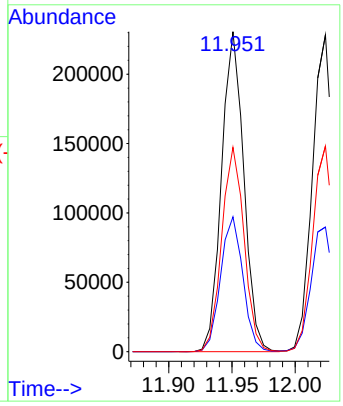


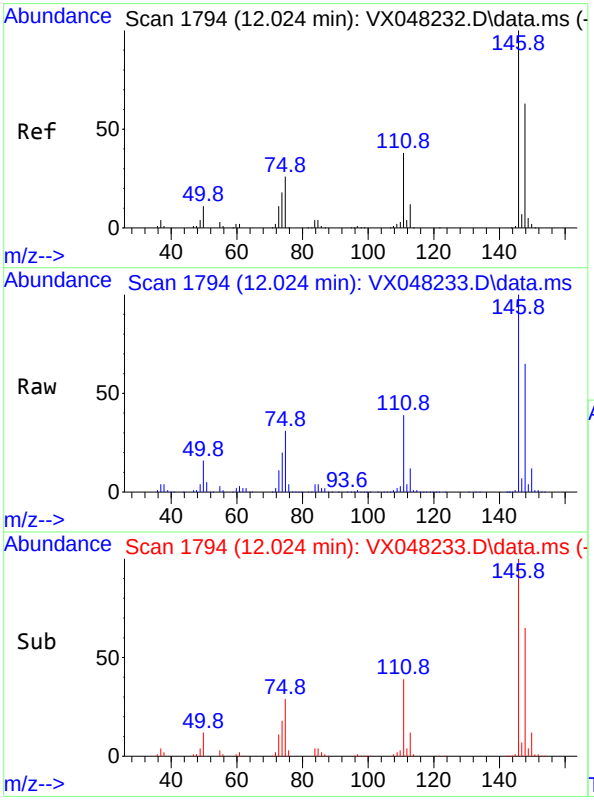
#87
1,3-Dichlorobenzene
Concen: 101.174 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 281617

Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	64.2	31.9	95.9

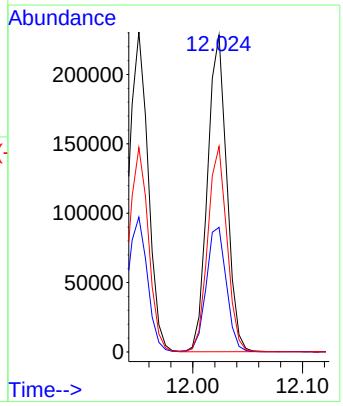


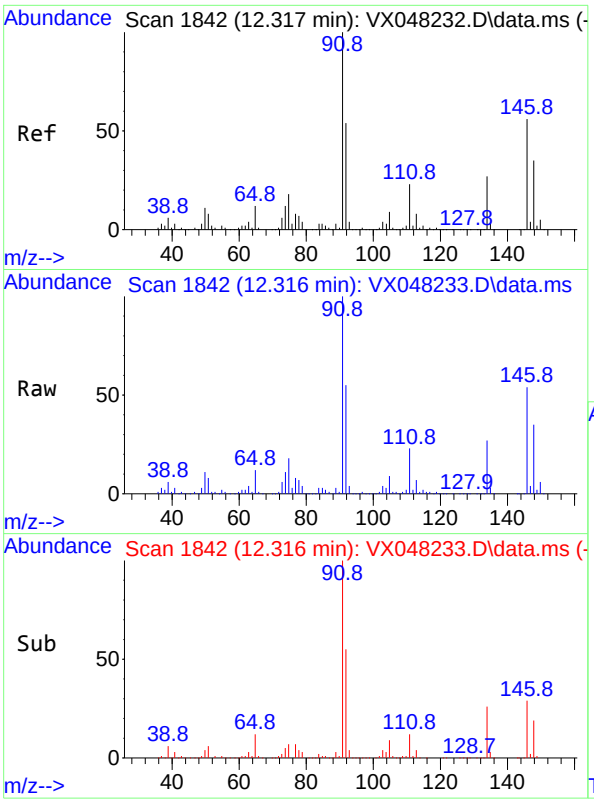


#88
1,4-Dichlorobenzene
Concen: 96.377 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:146 Resp: 277908

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	65.0	31.8	95.3



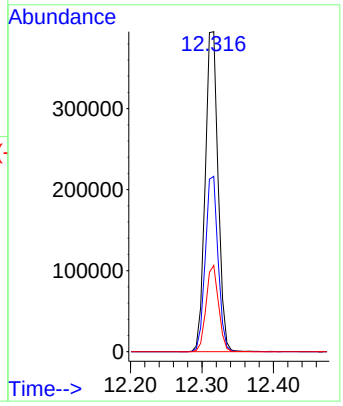


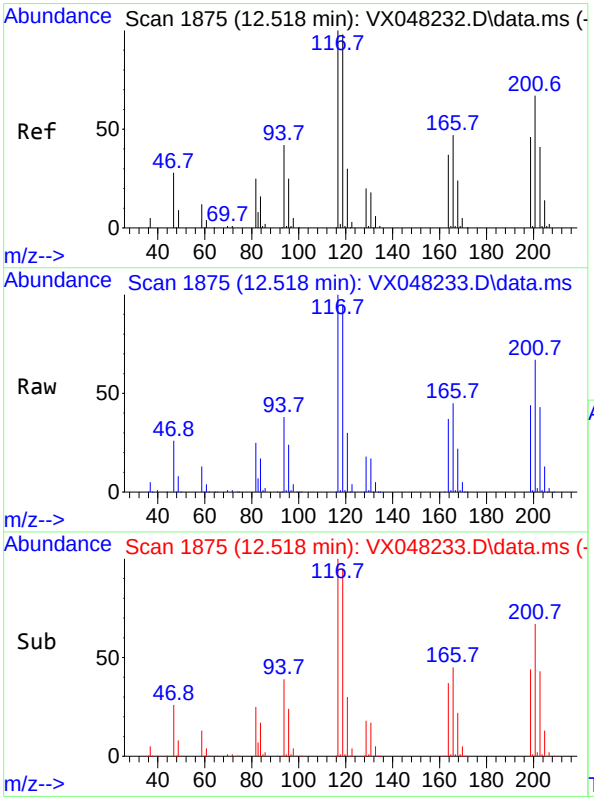
#89
n-Butylbenzene
Concen: 104.552 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 495486

Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.6
134	26.1	12.7	38.1

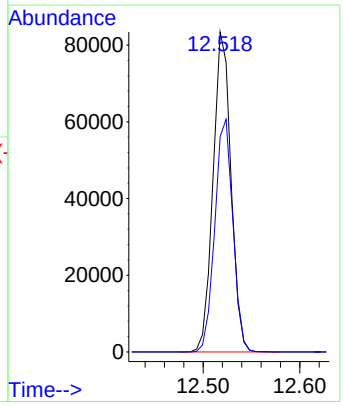


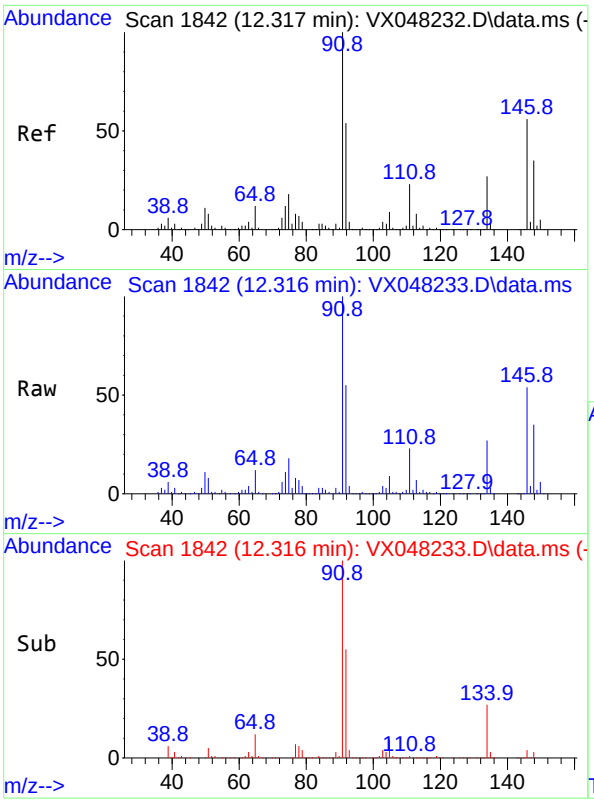


#90
Hexachloroethane
Concen: 104.121 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:117 Resp: 107057

Ion	Ratio	Lower	Upper
117	100		
201	73.5	34.1	102.2



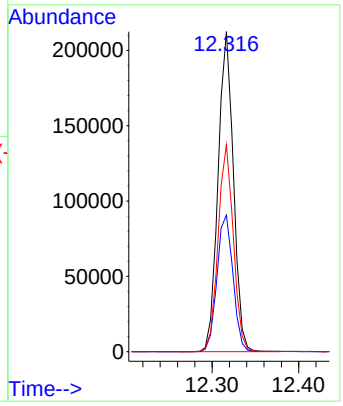


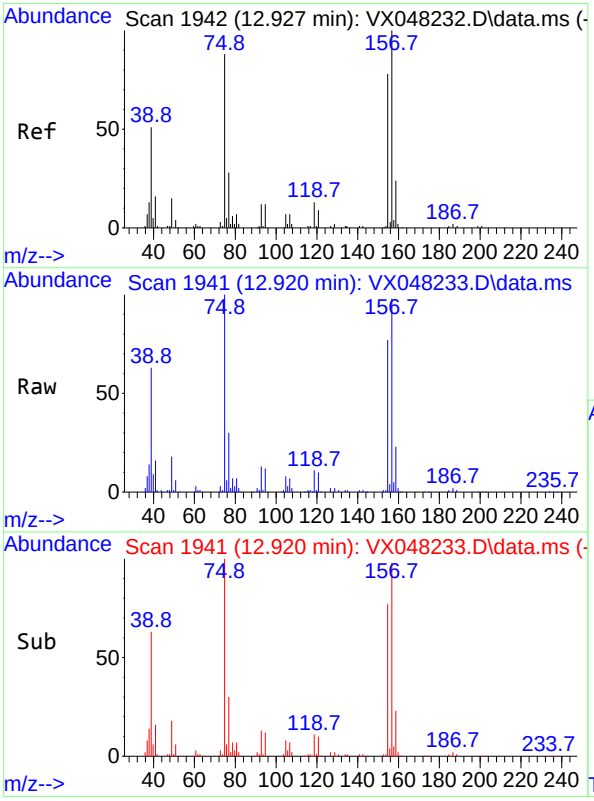
#91
1,2-Dichlorobenzene
Concen: 99.880 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 261022

Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.9	65.5
148	64.5	31.9	95.5

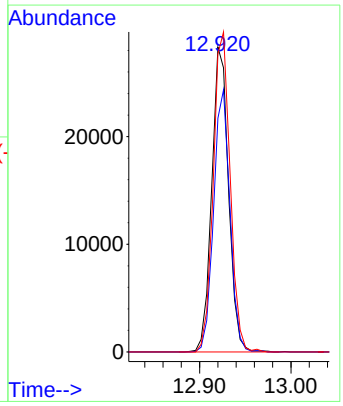


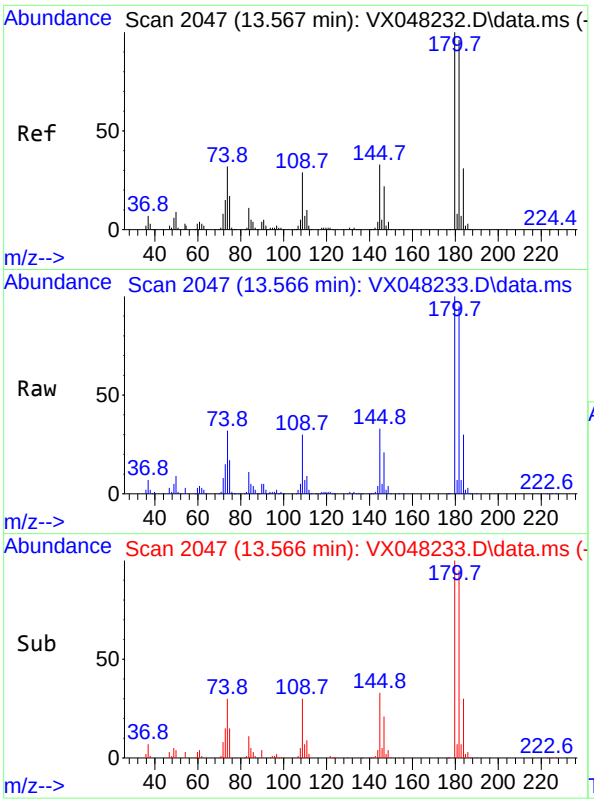


#92
1,2-Dibromo-3-Chloropropane
Concen: 110.555 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 36087

Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.8	128.4
157	105.4	54.2	162.6



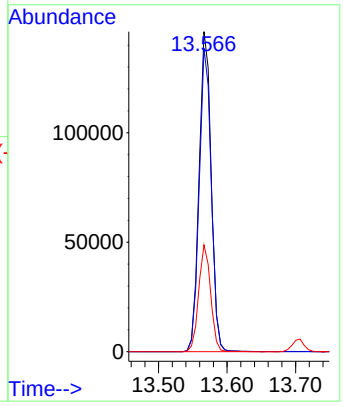


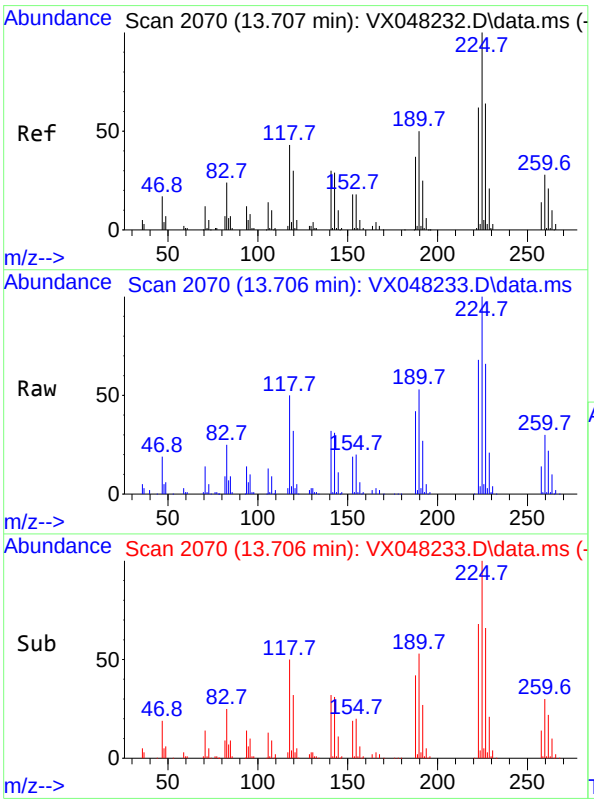
#93
1,2,4-Trichlorobenzene
Concen: 101.602 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 179562

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	33.0	16.3	48.9

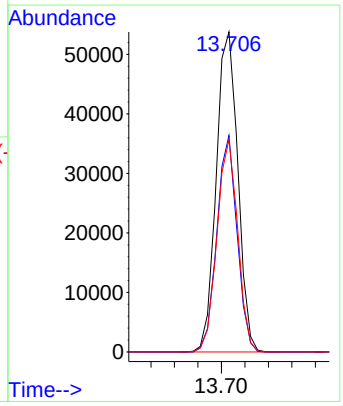


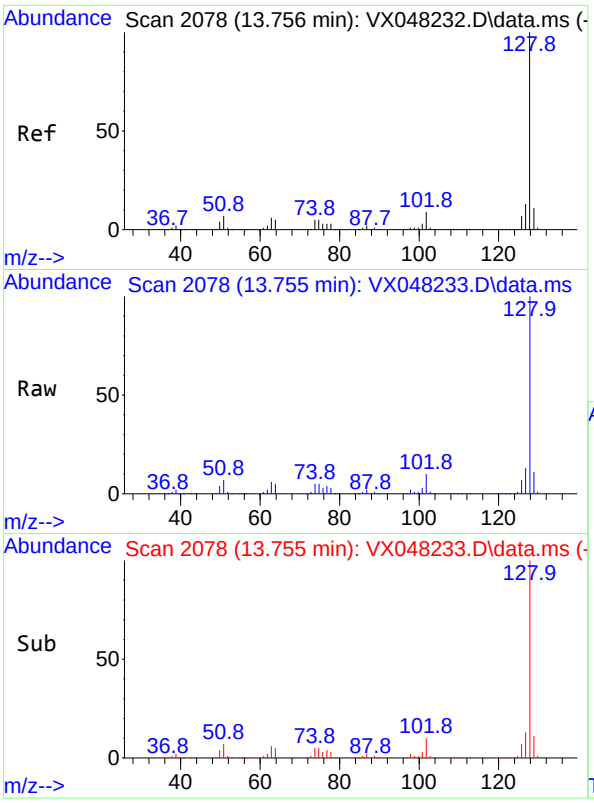


#94
Hexachlorobutadiene
Concen: 103.582 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:225 Resp: 68645

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	63.5	32.5	97.4



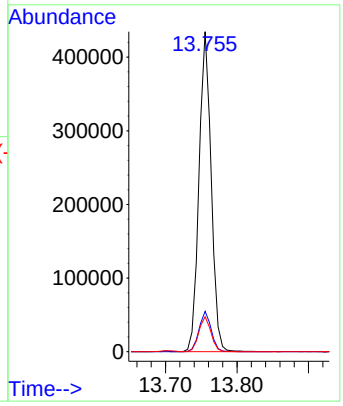


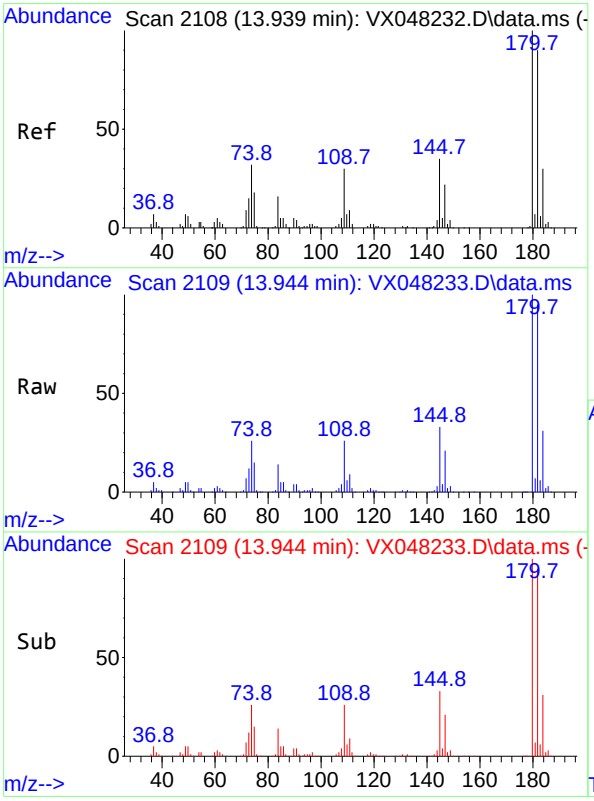
#95
Naphthalene
Concen: 109.211 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 511355

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	12.8

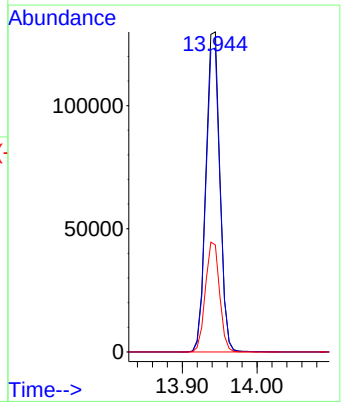




#96
1,2,3-Trichlorobenzene
Concen: 104.362 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	34.6	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	112063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	180904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	75397	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234807	149.444	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 298.880%#			
35) Dibromofluoromethane	5.373	113	188821	152.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.635	98	648652	149.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 299.680%#			
62) 4-Bromofluorobenzene	11.061	95	239298	145.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 290.620%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	169514	147.144	ug/l	95
3) Chloromethane	1.301	50	158322	147.234	ug/l	99
4) Vinyl Chloride	1.380	62	149708	150.348	ug/l	99
5) Bromomethane	1.605	94	92946	137.542	ug/l	97
6) Chloroethane	1.685	64	89813	153.495	ug/l	96
7) Trichlorofluoromethane	1.892	101	292007	152.907	ug/l	99
8) Diethyl Ether	2.136	74	81474	151.624	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	184438	152.517	ug/l	96
10) Methyl Iodide	2.453	142	249395	164.048	ug/l	100
11) Tert butyl alcohol	2.959	59	107295	687.786	ug/l	100
12) 1,1-Dichloroethene	2.325	96	178408	151.641	ug/l	95
13) Acrolein	2.239	56	123365	775.377	ug/l	99
14) Allyl chloride	2.666	41	293697	150.358	ug/l	98
15) Acrylonitrile	3.062	53	412892	734.001	ug/l	100
16) Acetone	2.380	43	347029	643.823	ug/l	99
17) Carbon Disulfide	2.514	76	515144	138.930	ug/l	100
18) Methyl Acetate	2.697	43	169402	150.489	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	593033	147.754	ug/l	97
20) Methylene Chloride	2.788	84	190483	145.034	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	187495	145.082	ug/l	98
22) Diisopropyl ether	3.757	45	571951	146.807	ug/l	93
23) Vinyl Acetate	3.715	43	2367511	760.744	ug/l	96
24) 1,1-Dichloroethane	3.605	63	342500	145.389	ug/l	99
25) 2-Butanone	4.544	43	487152	714.037	ug/l	96
26) 2,2-Dichloropropane	4.465	77	310572	146.061	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	222359	147.429	ug/l	98
28) Bromochloromethane	4.891	49	151812	155.420	ug/l	87
29) Tetrahydrofuran	4.989	42	301745	738.481	ug/l	94
30) Chloroform	5.080	83	358626	142.490	ug/l	98
31) Cyclohexane	5.464	56	291302	149.360	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	338462	145.916	ug/l	98
36) 1,1-Dichloropropene	5.684	75	249688	142.243	ug/l	99
37) Ethyl Acetate	4.702	43	208614	143.380	ug/l	97
38) Carbon Tetrachloride	5.666	117	307892	142.169	ug/l	100
39) Methylcyclohexane	7.367	83	315911	152.387	ug/l	95
40) Benzene	6.025	78	730908	143.416	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	115351	150.966	ug/l		97
42) 1,2-Dichloroethane	6.074	62	269245	143.169	ug/l		99
43) Isopropyl Acetate	6.324	43	361084	151.084	ug/l		96
44) Trichloroethene	7.110	130	197244	146.572	ug/l		98
45) 1,2-Dichloropropane	7.415	63	180619	149.063	ug/l		99
46) Dibromomethane	7.568	93	135105	143.118	ug/l		94
47) Bromodichloromethane	7.805	83	292063	143.290	ug/l		97
48) Methyl methacrylate	7.677	41	184354	152.865	ug/l		95
49) 1,4-Dioxane	7.647	88	49895	3131.591	ug/l		88
51) 4-Methyl-2-Pentanone	8.561	43	983125	713.457	ug/l		94
52) Toluene	8.702	92	460742	142.307	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	300251	152.861	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	317375	149.763	ug/l		94
55) 1,1,2-Trichloroethane	9.135	97	169894	141.104	ug/l		98
56) Ethyl methacrylate	9.104	69	272177	154.550	ug/l		94
57) 1,3-Dichloropropane	9.293	76	293650	142.782	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	705780	741.966	ug/l		95
59) 2-Hexanone	9.415	43	694736	723.047	ug/l		96
60) Dibromochloromethane	9.506	129	226642	140.050	ug/l		99
61) 1,2-Dibromoethane	9.592	107	182208	141.953	ug/l		99
64) Tetrachloroethene	9.263	164	168581	144.982	ug/l		91
65) Chlorobenzene	10.061	112	514967	146.973	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	191186	148.558	ug/l		98
67) Ethyl Benzene	10.177	91	898137	150.554	ug/l		99
68) m/p-Xylenes	10.287	106	661019	298.230	ug/l		99
69) o-Xylene	10.622	106	320334	149.698	ug/l		99
70) Styrene	10.640	104	548149	150.439	ug/l		98
71) Bromoform	10.781	173	152209	147.980	ug/l	#	99
73) Isopropylbenzene	10.945	105	849183	154.201	ug/l		100
74) N-amyl acetate	10.829	43	314879	161.195	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	224486	149.271	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	268288	219.425	ug/l		78
77) Bromobenzene	11.183	156	207212	150.063	ug/l		94
78) n-propylbenzene	11.287	91	991960	155.573	ug/l		98
79) 2-Chlorotoluene	11.348	91	585792	151.532	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	699885	153.574	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	83158	165.469	ug/l		97
82) 4-Chlorotoluene	11.439	91	691903	150.773	ug/l		99
83) tert-Butylbenzene	11.695	119	717642	153.261	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	707074	155.464	ug/l		99
85) sec-Butylbenzene	11.872	105	861466	152.918	ug/l		100
86) p-Isopropyltoluene	11.994	119	738496	151.662	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	386062	148.308	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	386885	143.466	ug/l		100
89) n-Butylbenzene	12.311	91	664071	149.834	ug/l		99
90) Hexachloroethane	12.518	117	145813	151.639	ug/l		94
91) 1,2-Dichlorobenzene	12.317	146	359278	147.003	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	50367	164.993	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	247472	149.729	ug/l		100
94) Hexachlorobutadiene	13.707	225	92458	149.152	ug/l		100
95) Naphthalene	13.756	128	719433	164.296	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	233671	154.069	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048234.D
Acq On : 20 Oct 2025 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 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_X\Data\VX102025\
Data File : VX048234.D
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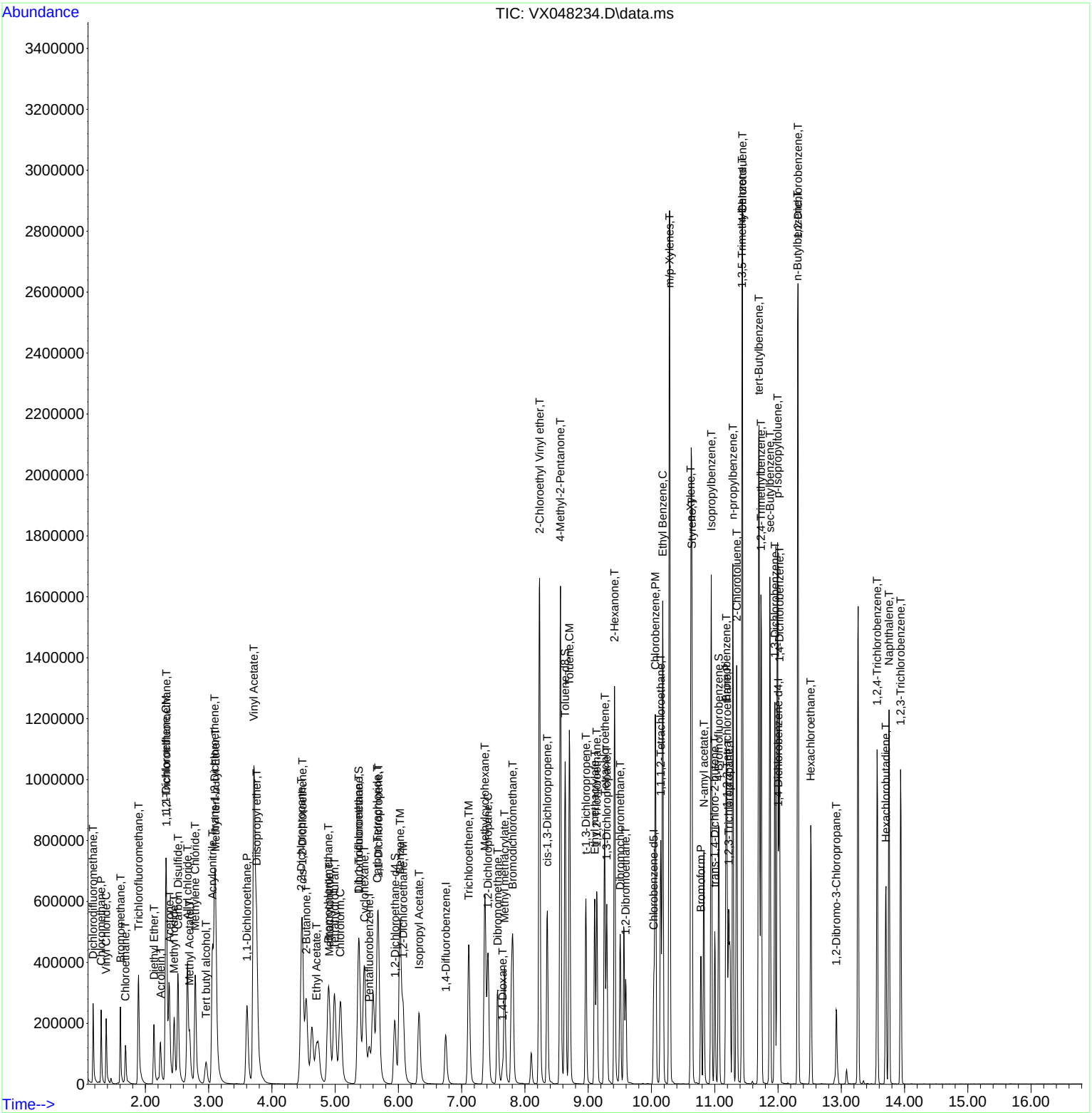
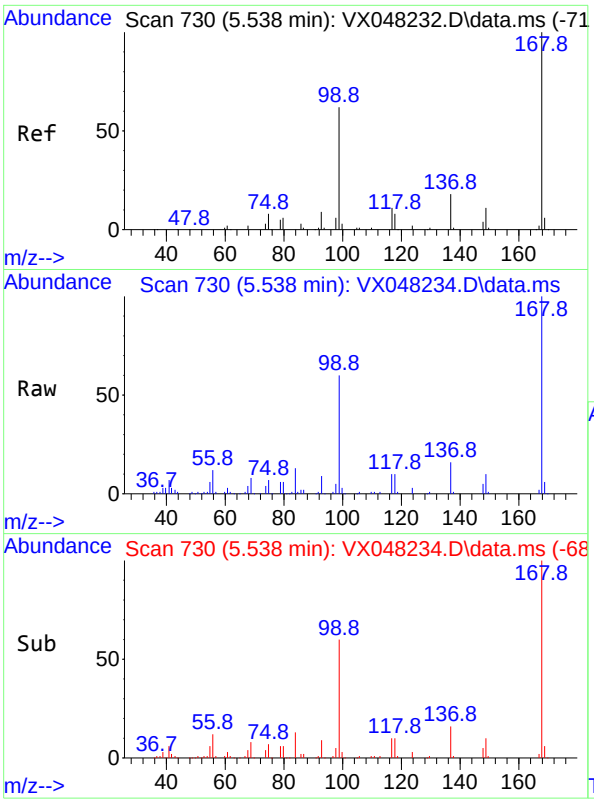
VSTDICC150

Quant Time: Oct 25 03:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



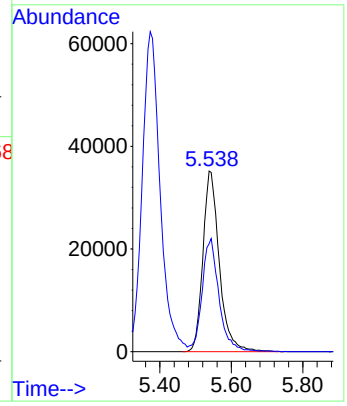


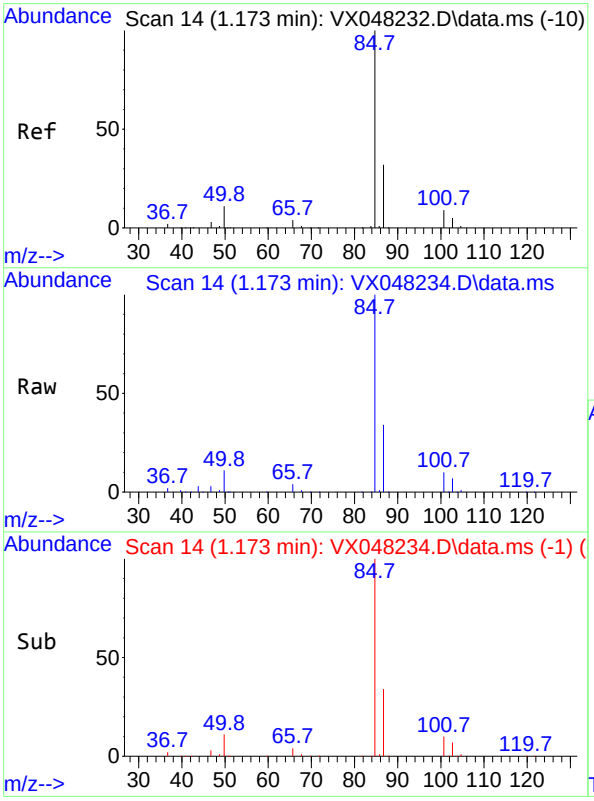
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 112063

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.4	69.6

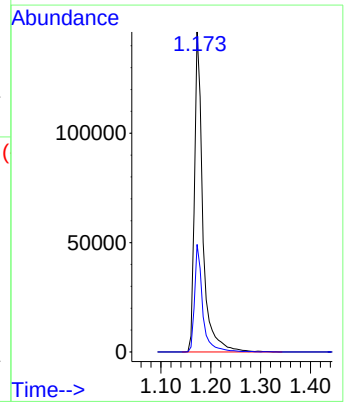


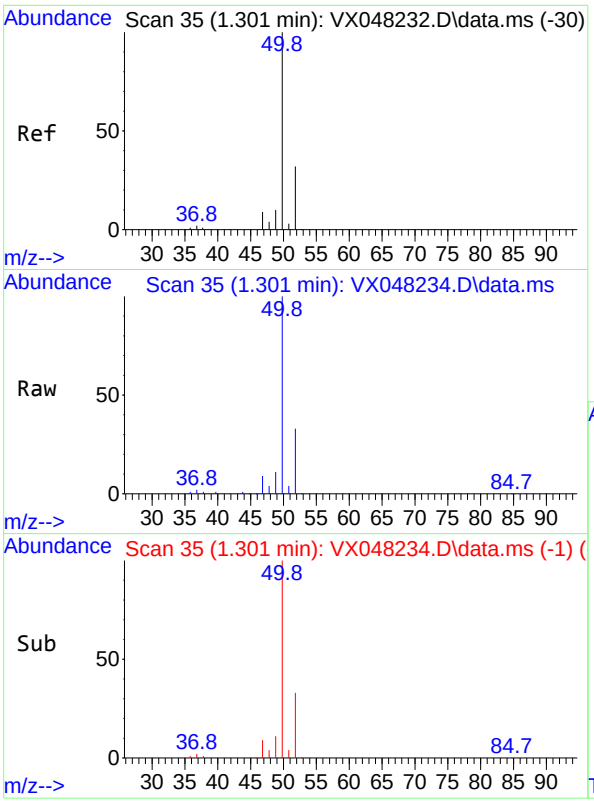


#2
Dichlorodifluoromethane
Concen: 147.144 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 85 Resp: 169514

Ion	Ratio	Lower	Upper
85	100		
87	33.6	15.3	45.9



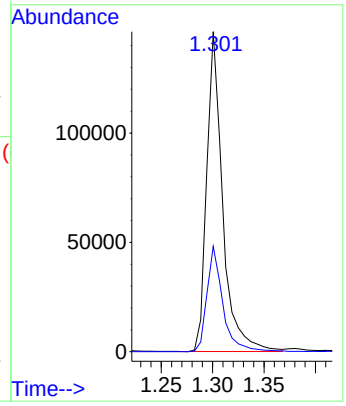


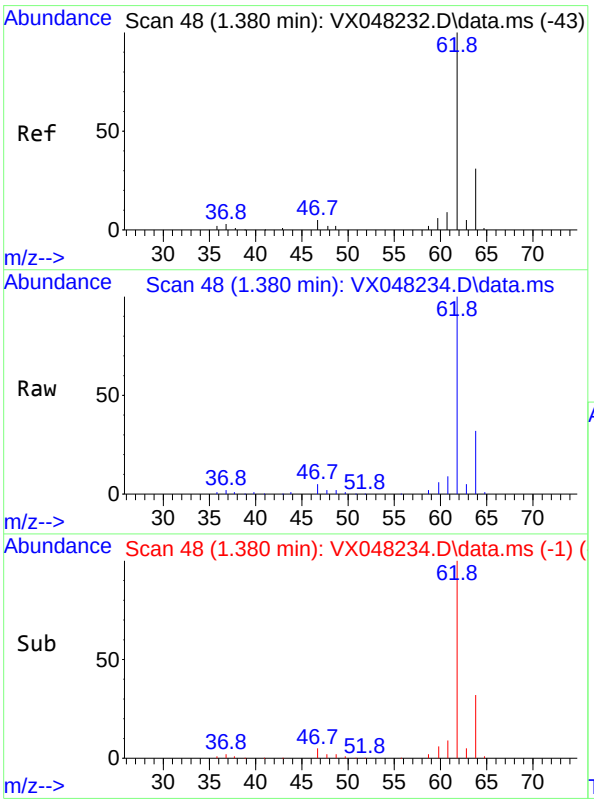
#3
Chloromethane
Concen: 147.234 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 158322

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9

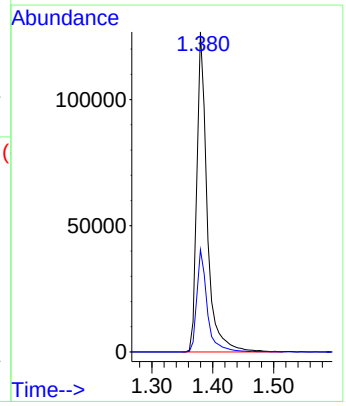


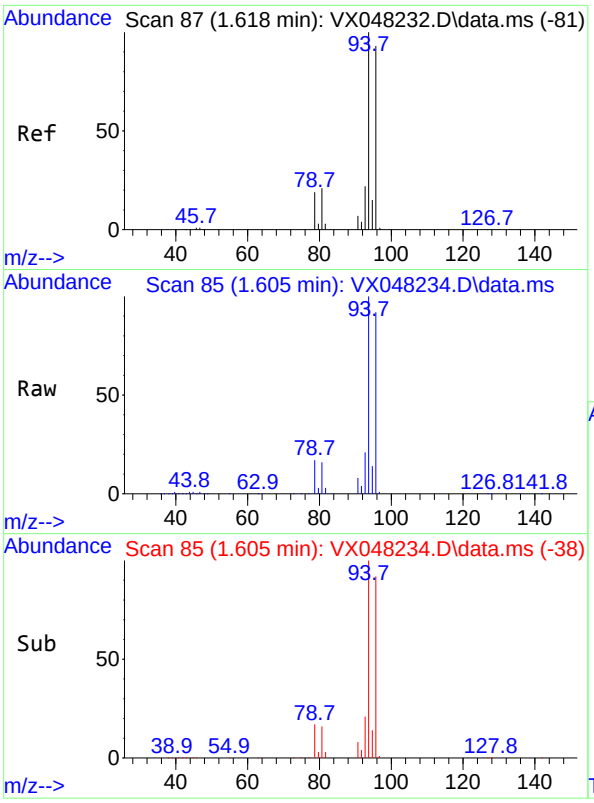


#4
Vinyl Chloride
Concen: 150.348 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.1	37.7



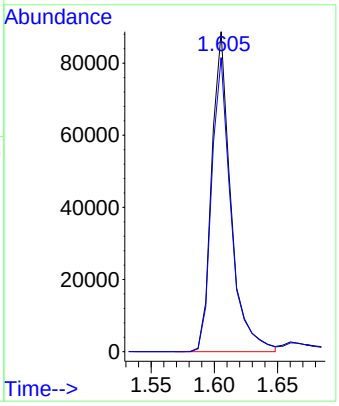


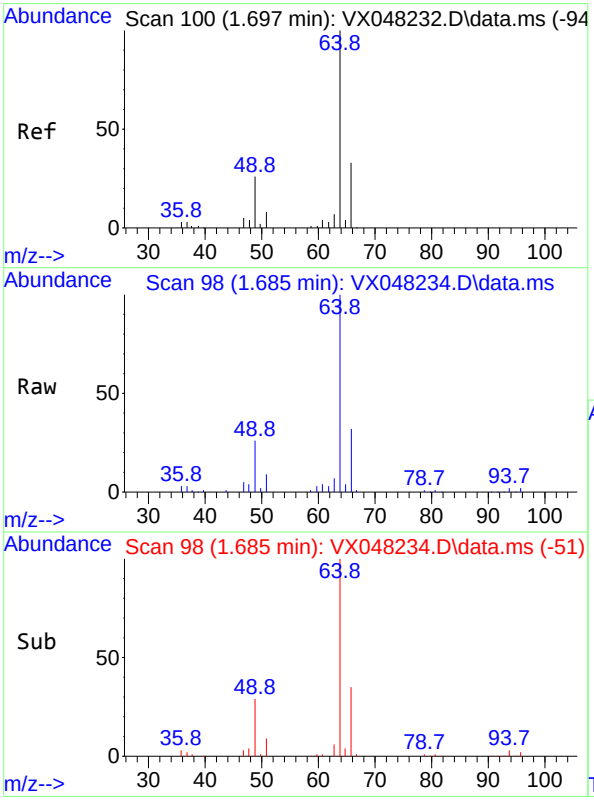
#5
Bromomethane
Concen: 137.542 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 92946

Ion	Ratio	Lower	Upper
94	100		
96	91.9	76.0	114.0

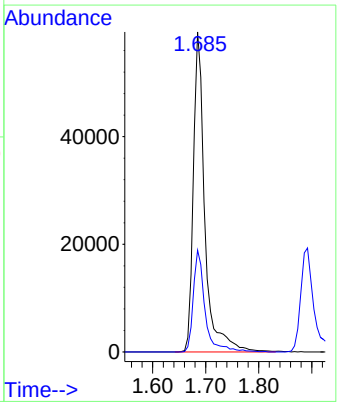


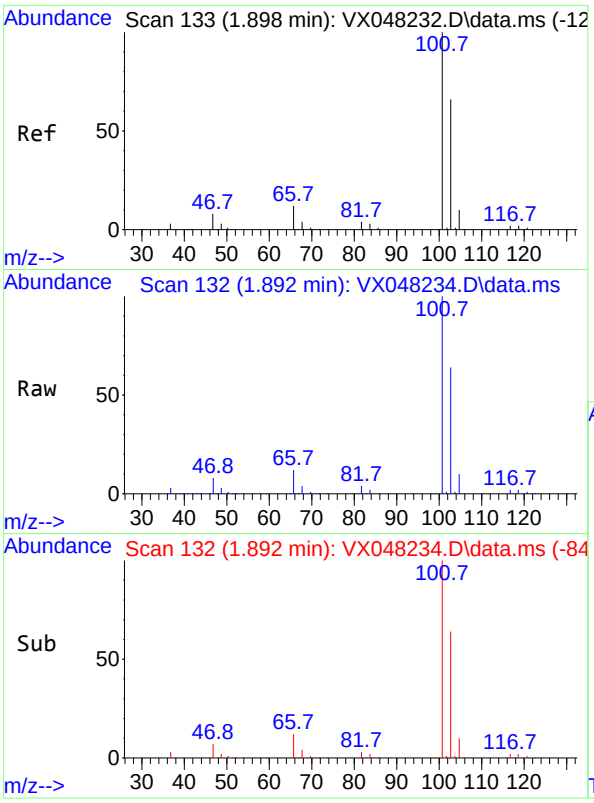


#6
Chloroethane
Concen: 153.495 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813

Ion	Ratio	Lower	Upper
64	100		
66	31.8	23.9	35.9



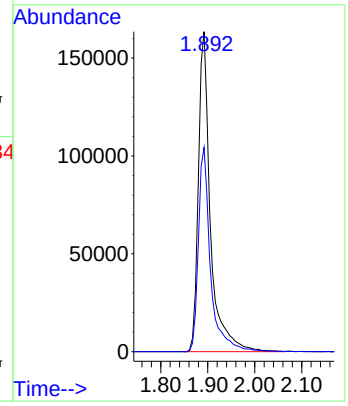


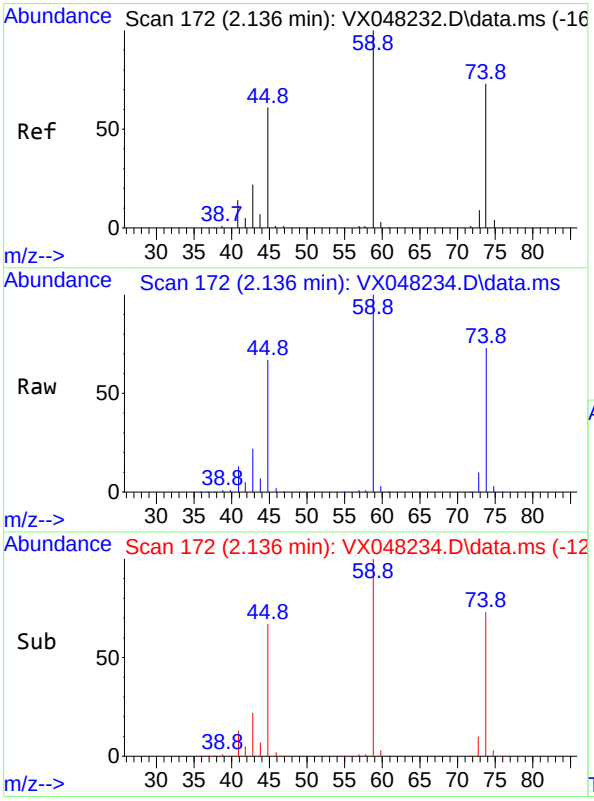
#7
Trichlorofluoromethane
Concen: 152.907 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 292007

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.6	77.4

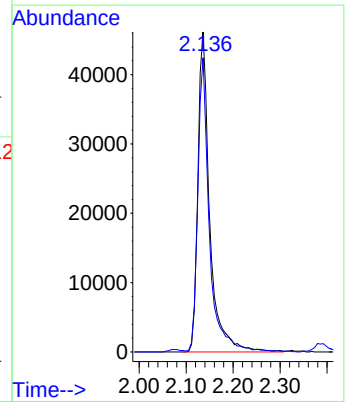


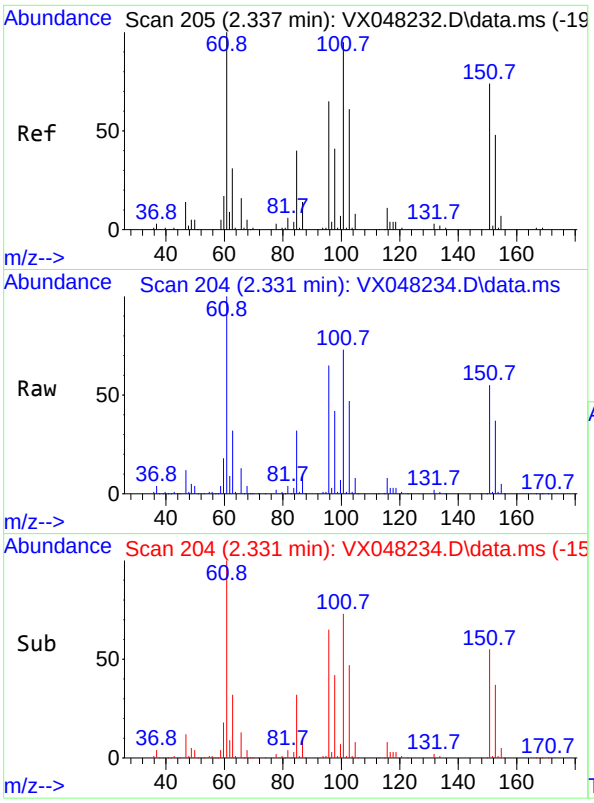


#8
Diethyl Ether
Concen: 151.624 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474

Ion	Ratio	Lower	Upper
74	100		
45	87.5	50.0	149.8



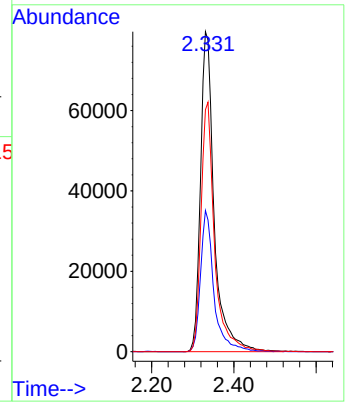


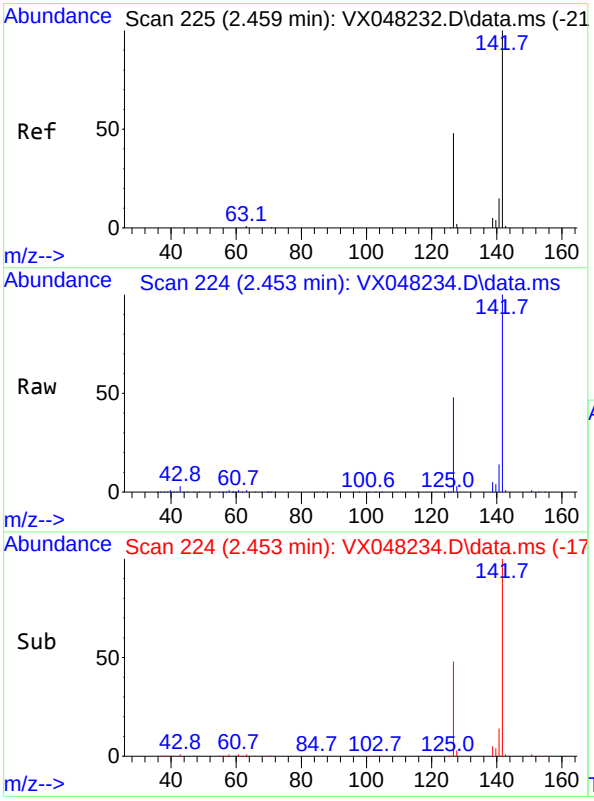
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.517 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 184438

Ion	Ratio	Lower	Upper
101	100		
85	43.3	35.6	53.4
151	77.4	58.0	87.0

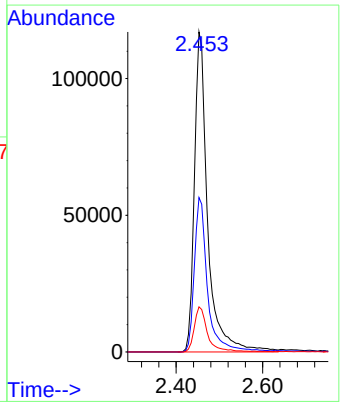


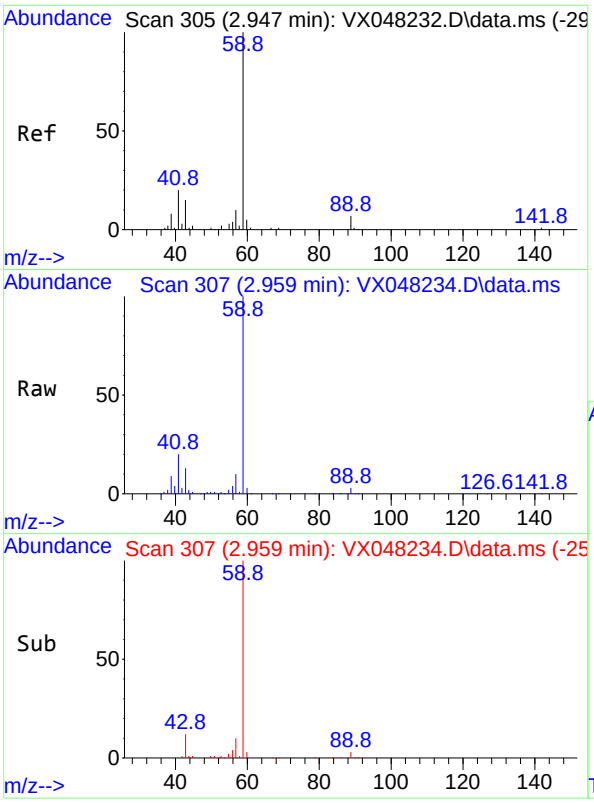


#10
Methyl Iodide
Concen: 164.048 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395

Ion	Ratio	Lower	Upper
142	100		
127	48.2	38.5	57.7
141	14.0	11.6	17.4



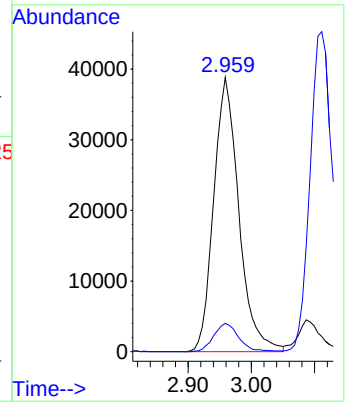


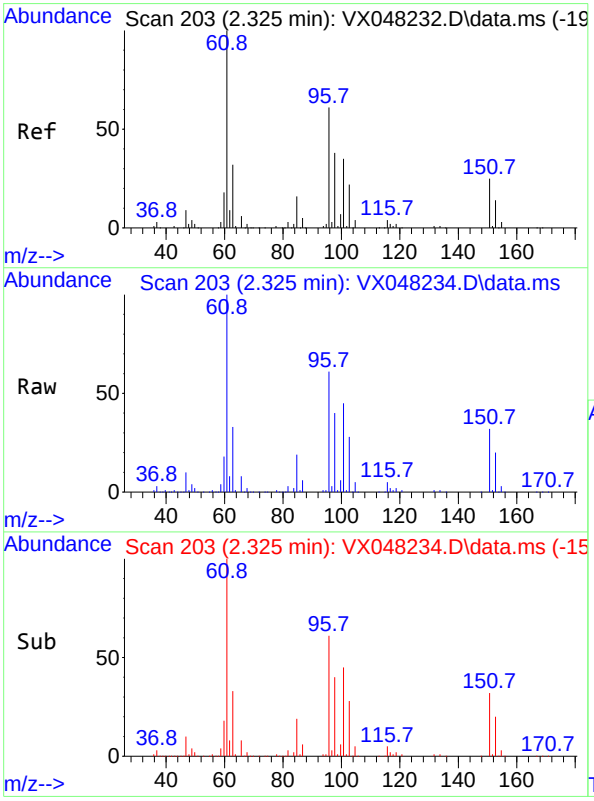
#11
Tert butyl alcohol
Concen: 687.786 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 107295

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

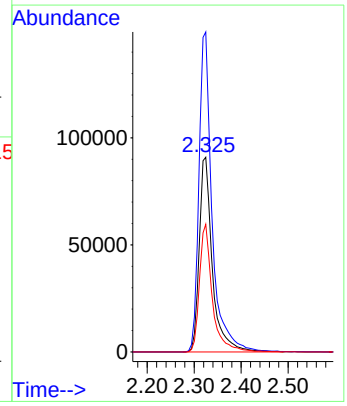


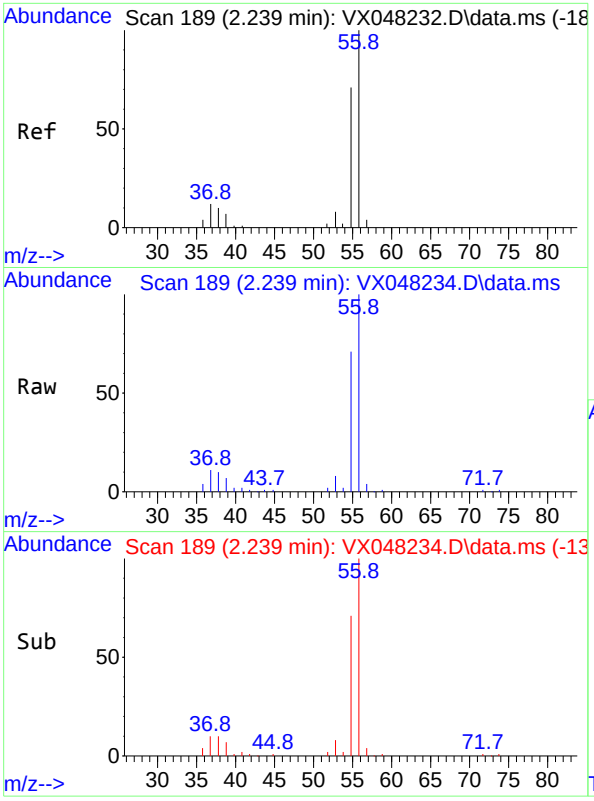


#12
1,1-Dichloroethene
Concen: 151.641 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 96 Resp: 178408

Ion	Ratio	Lower	Upper
96	100		
61	164.3	139.0	208.6
98	65.6	52.4	78.6



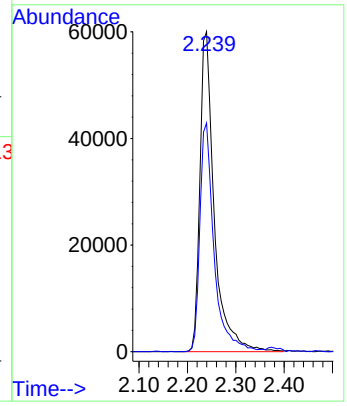


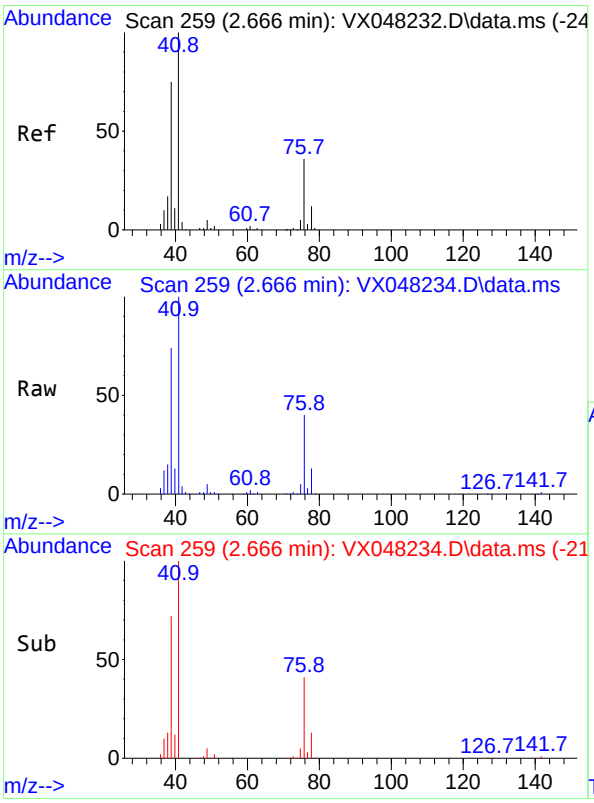
#13
Acrolein
Concen: 775.377 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 123365

Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.1	84.1

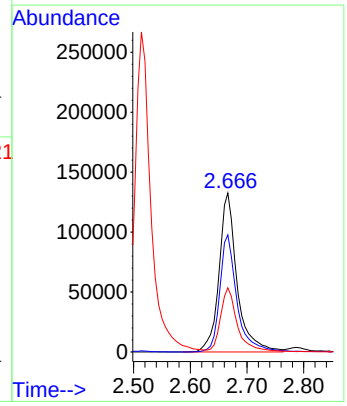


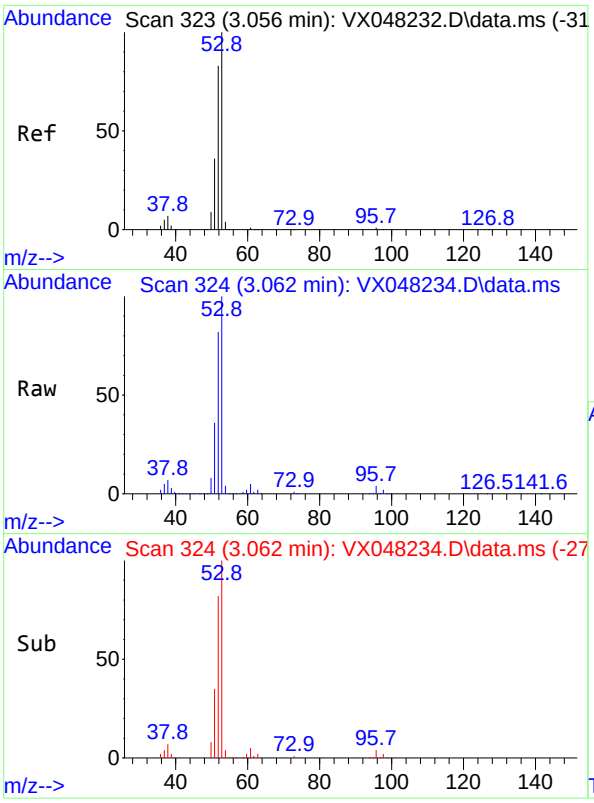


#14
Allyl chloride
Concen: 150.358 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 293697

Ion	Ratio	Lower	Upper
41	100		
39	70.5	56.0	84.0
76	37.7	27.5	41.3



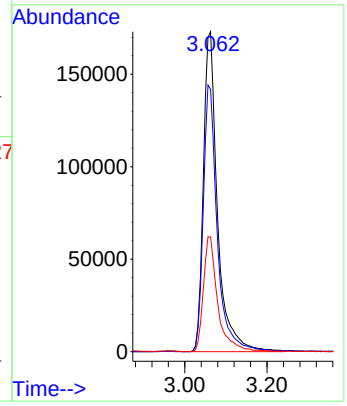


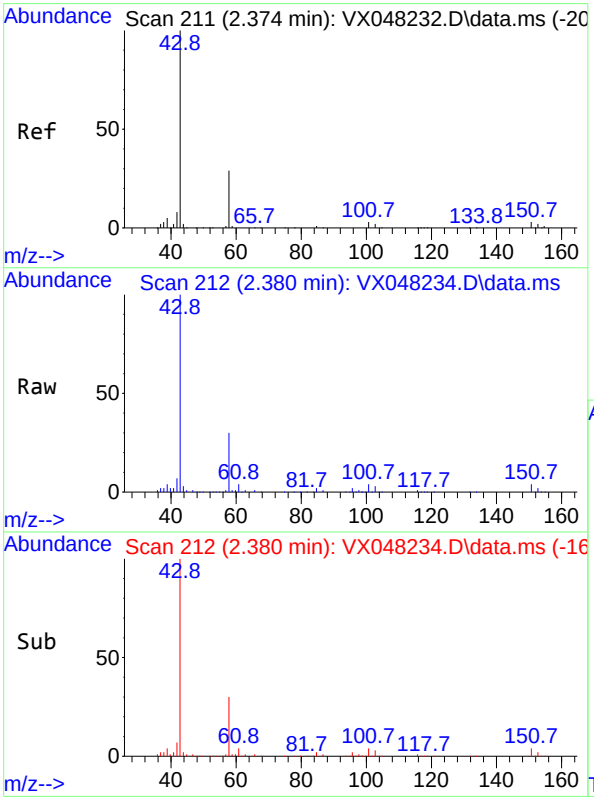
#15
Acrylonitrile
Concen: 734.001 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 412892

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	36.5	29.0	43.4

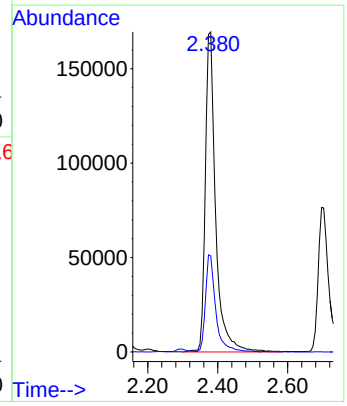


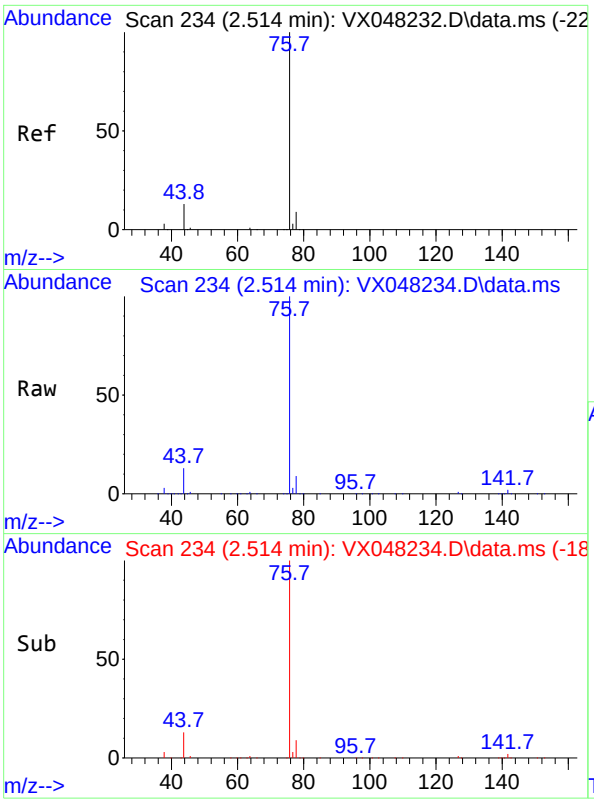


#16
Acetone
Concen: 643.823 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 347029

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.2



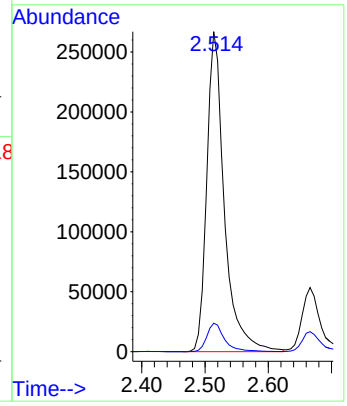


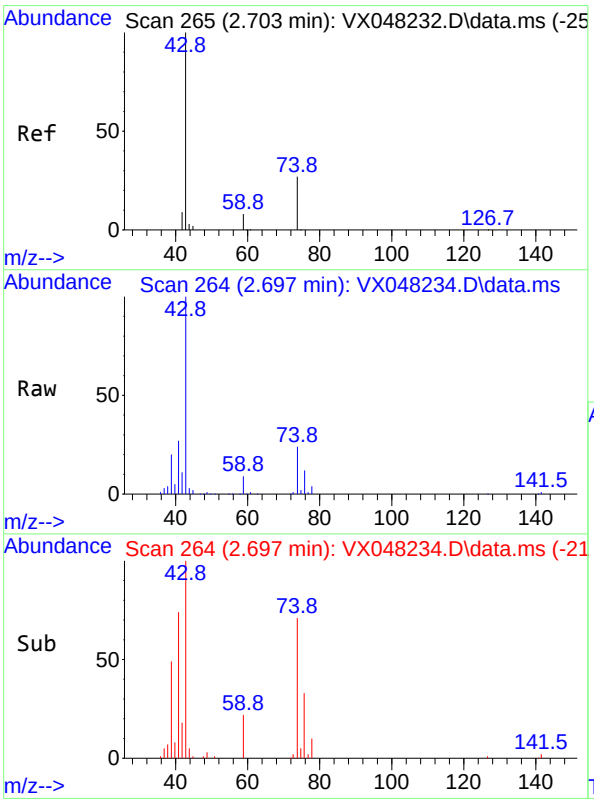
#17
Carbon Disulfide
Concen: 138.930 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 515144

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

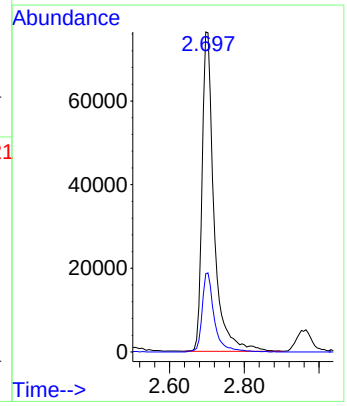


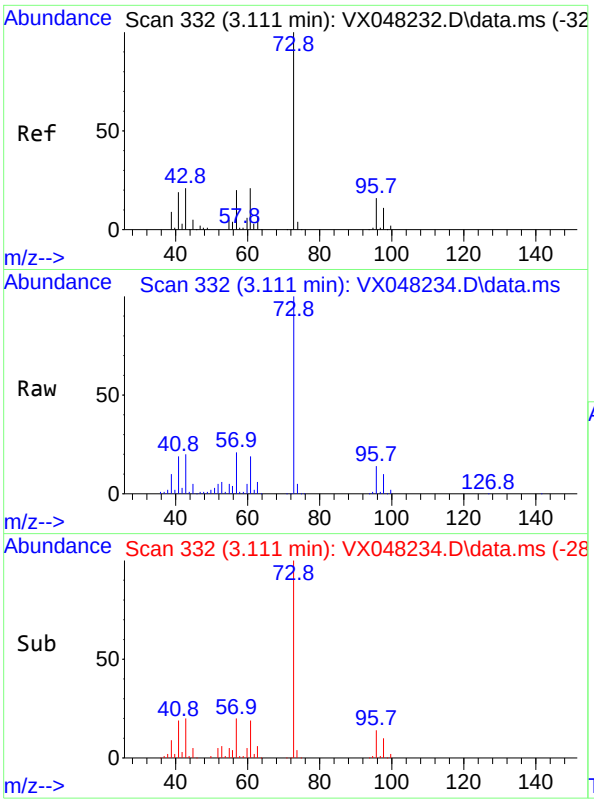


#18
Methyl Acetate
Concen: 150.489 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 169402

Ion	Ratio	Lower	Upper
43	100		
74	25.2	17.5	26.3



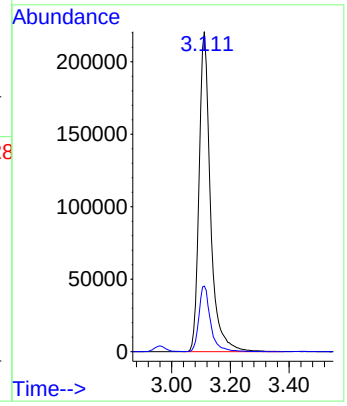


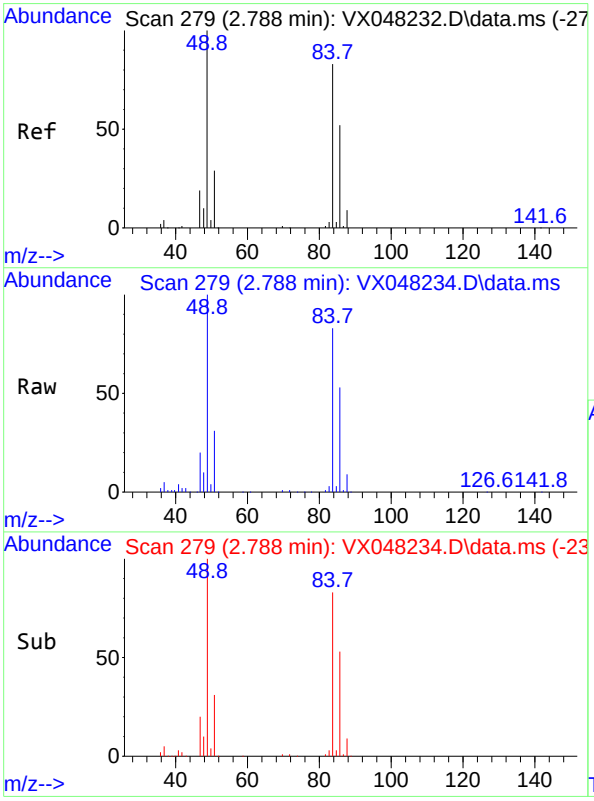
#19
Methyl tert-butyl Ether
Concen: 147.754 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 593033

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5

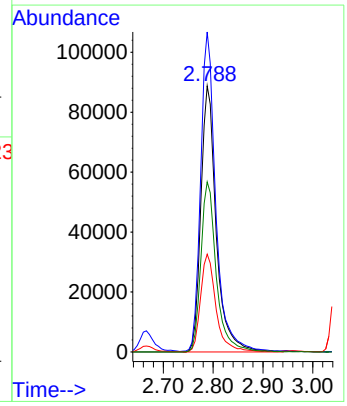


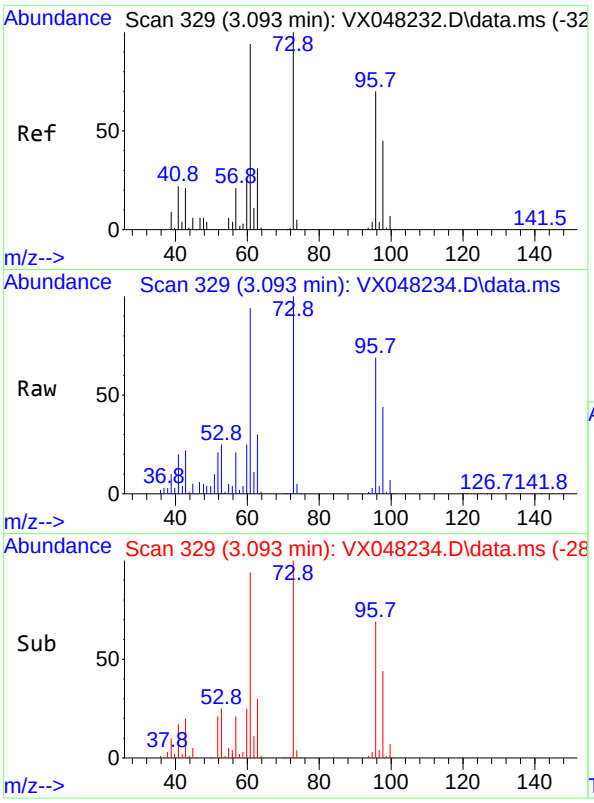


#20
Methylene Chloride
Concen: 145.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 84 Resp: 190483

Ion	Ratio	Lower	Upper
84	100		
49	120.0	104.1	156.1
51	36.7	31.3	46.9
86	63.9	51.3	76.9



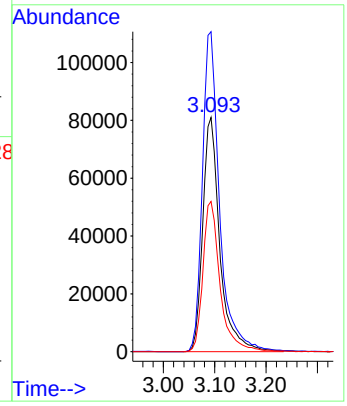


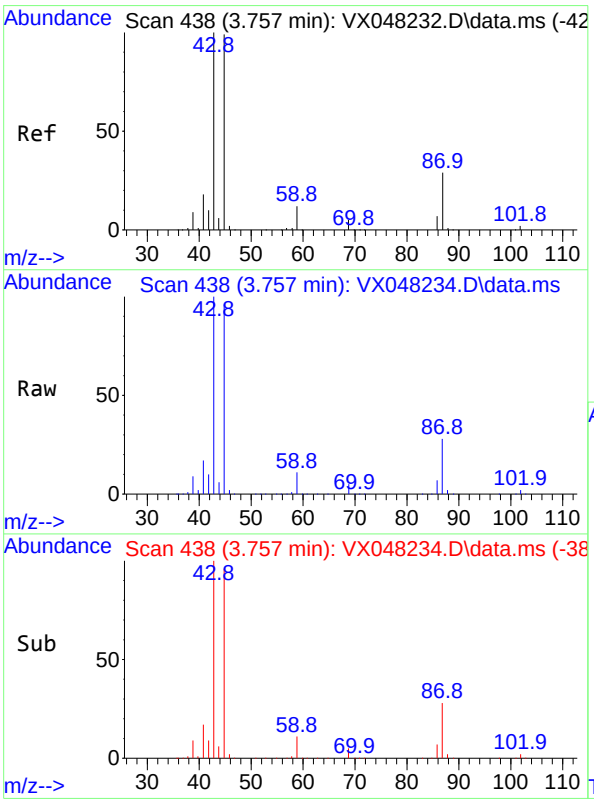
#21
trans-1,2-Dichloroethene
Concen: 145.082 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 187495

Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.9	167.9
98	64.1	51.2	76.8

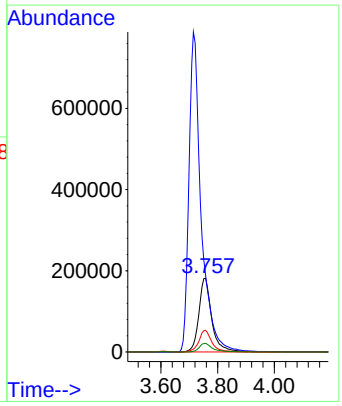


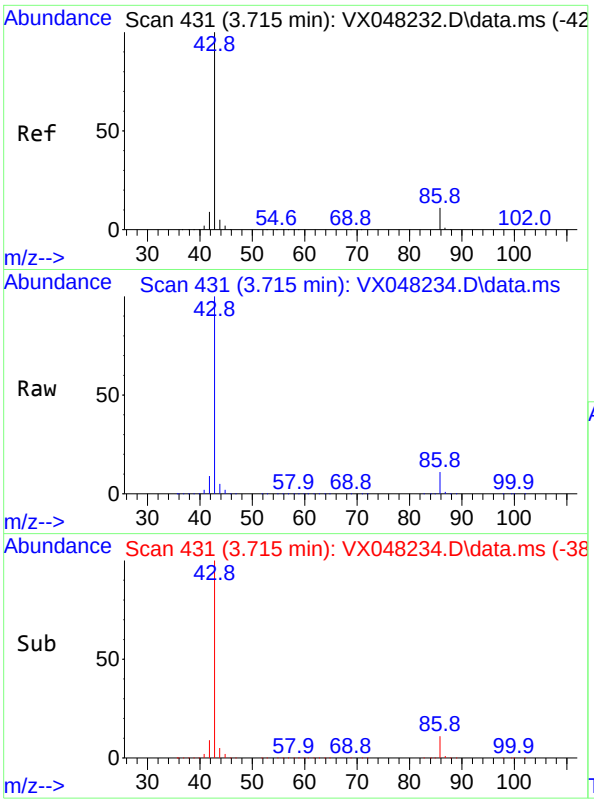


#22
Diisopropyl ether
Concen: 146.807 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951

Ion	Ratio	Lower	Upper
45	100		
43	104.2	89.8	134.8
87	29.4	20.6	31.0
59	11.7	9.1	13.7



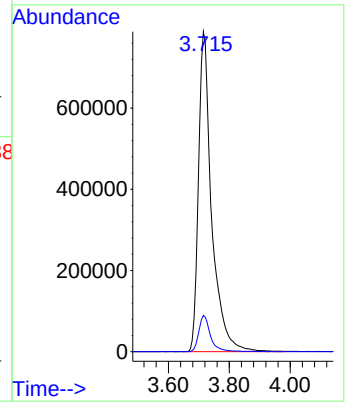


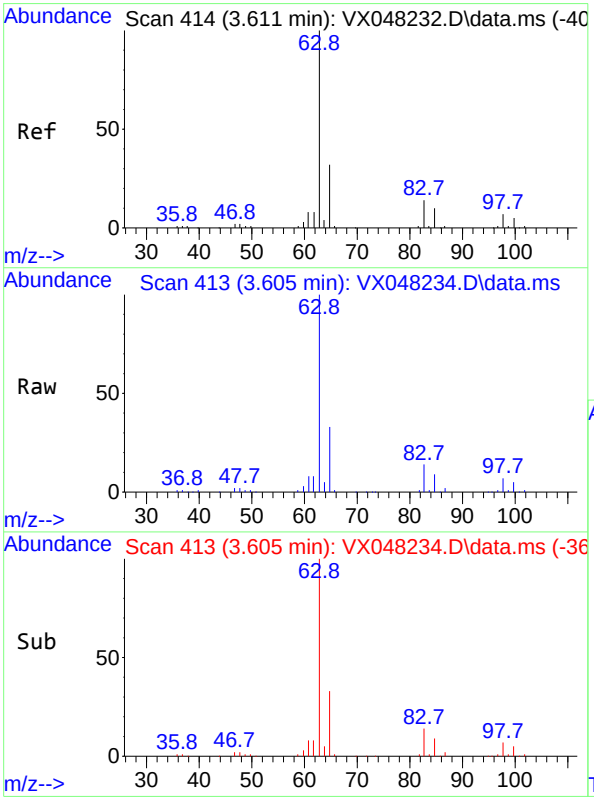
#23
Vinyl Acetate
Concen: 760.744 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2367511

Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.9	11.9

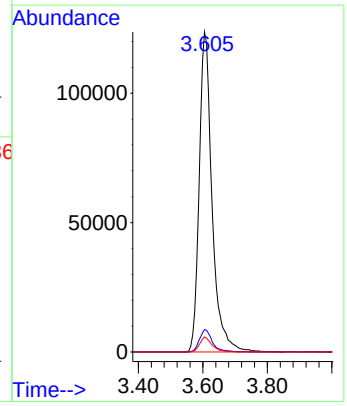


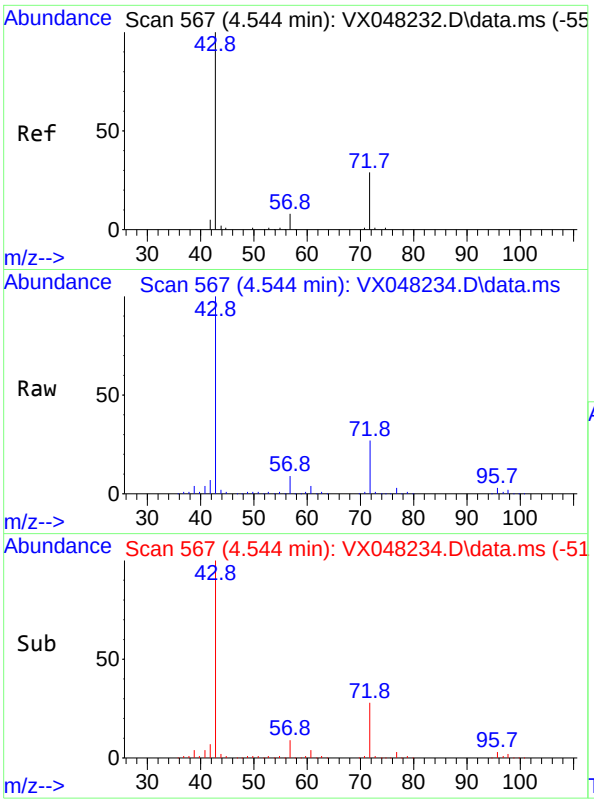


#24
1,1-Dichloroethane
Concen: 145.389 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 342500

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.7	2.1	6.3



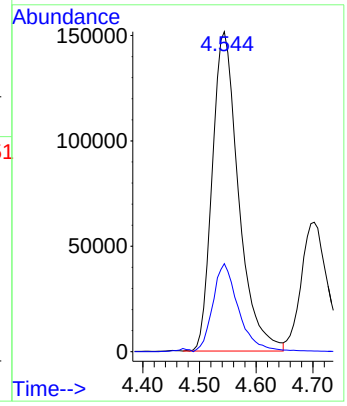


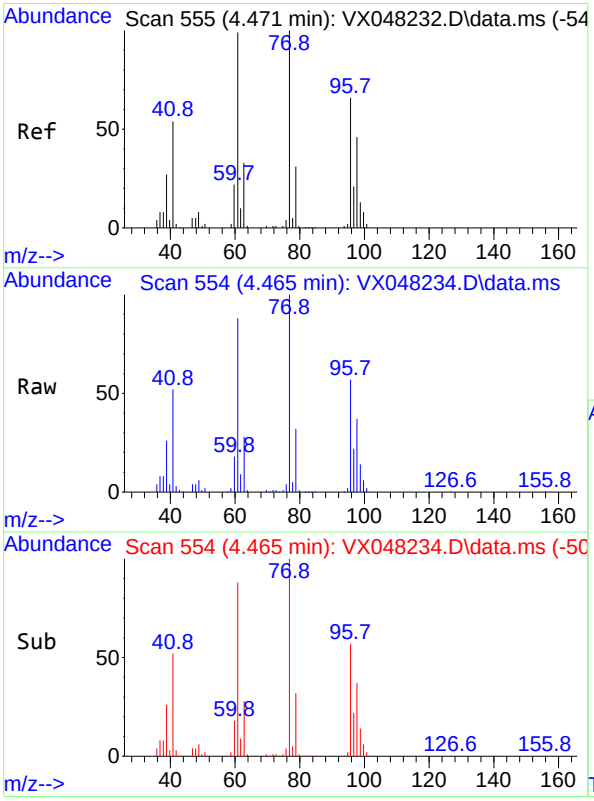
#25
2-Butanone
Concen: 714.037 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 487152

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.9	29.9

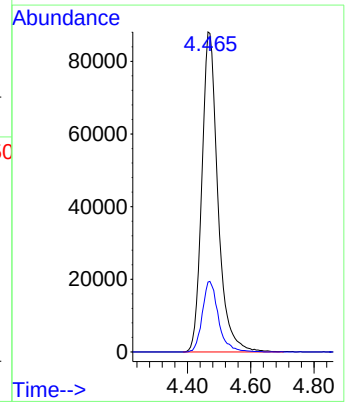


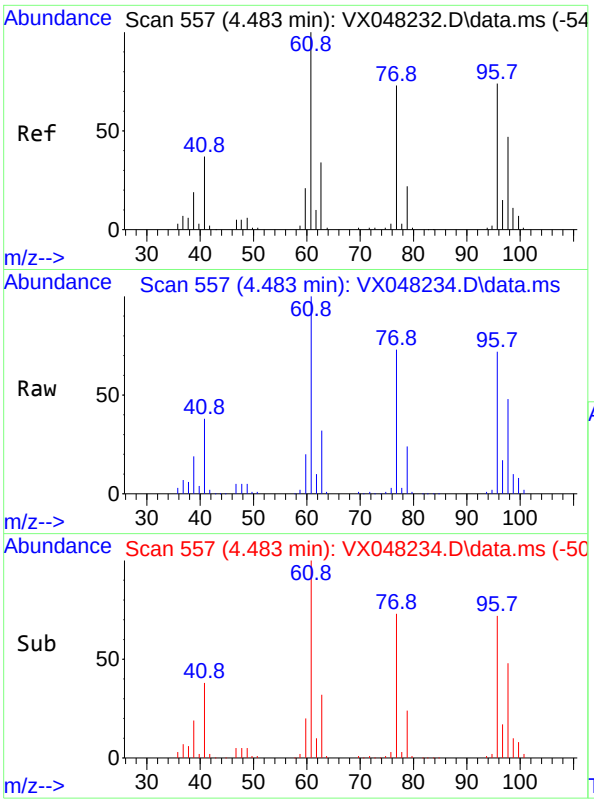


#26
2,2-Dichloropropane
Concen: 146.061 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3



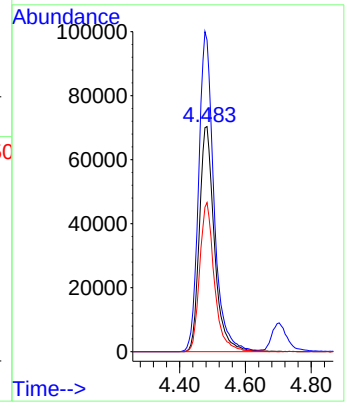


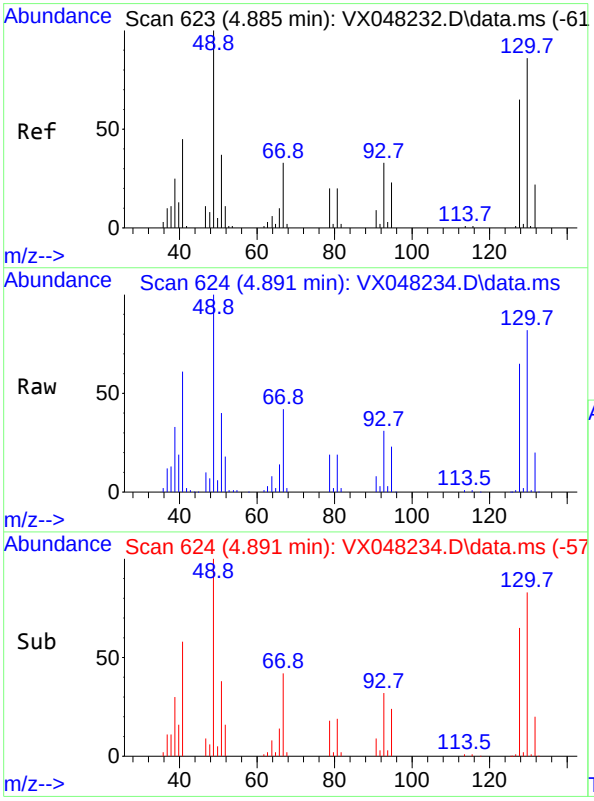
#27
cis-1,2-Dichloroethene
Concen: 147.429 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 222359

Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	294.2
98	65.1	0.0	128.4

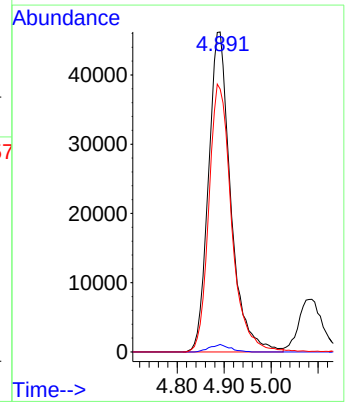


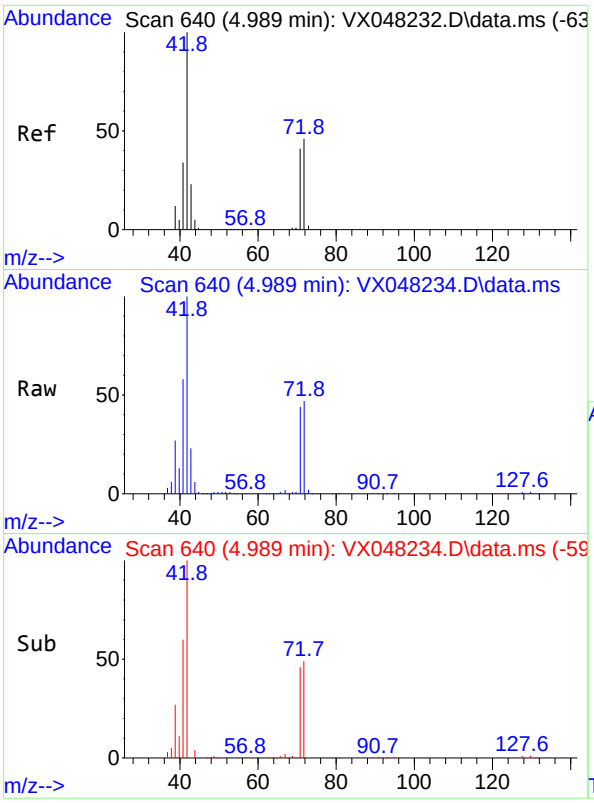


#28
Bromochloromethane
Concen: 155.420 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 49 Resp: 151812

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	85.6	59.3	88.9



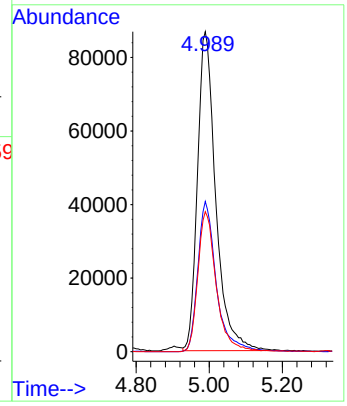


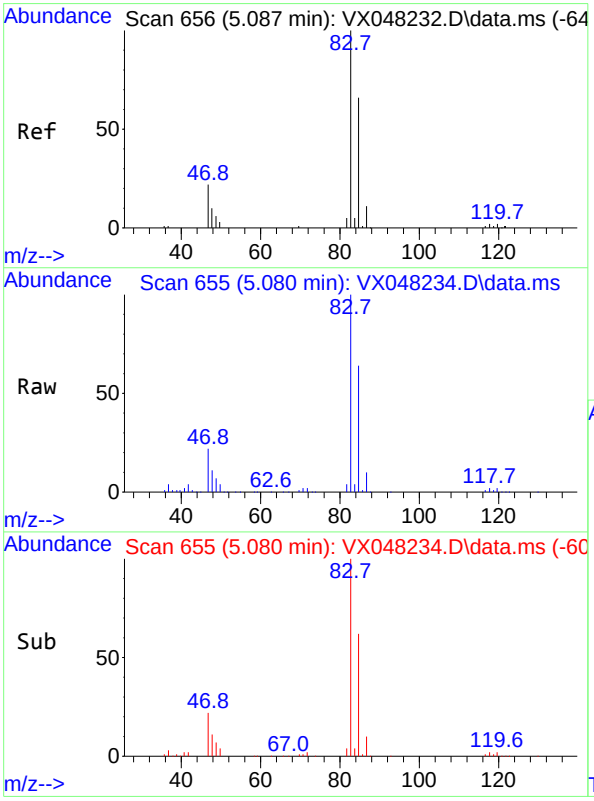
#29
Tetrahydrofuran
Concen: 738.481 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 301745

Ion	Ratio	Lower	Upper
42	100		
72	47.8	35.3	52.9
71	44.1	32.2	48.4

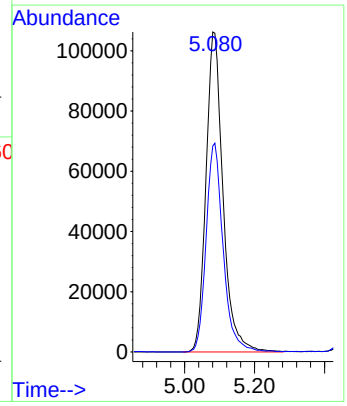


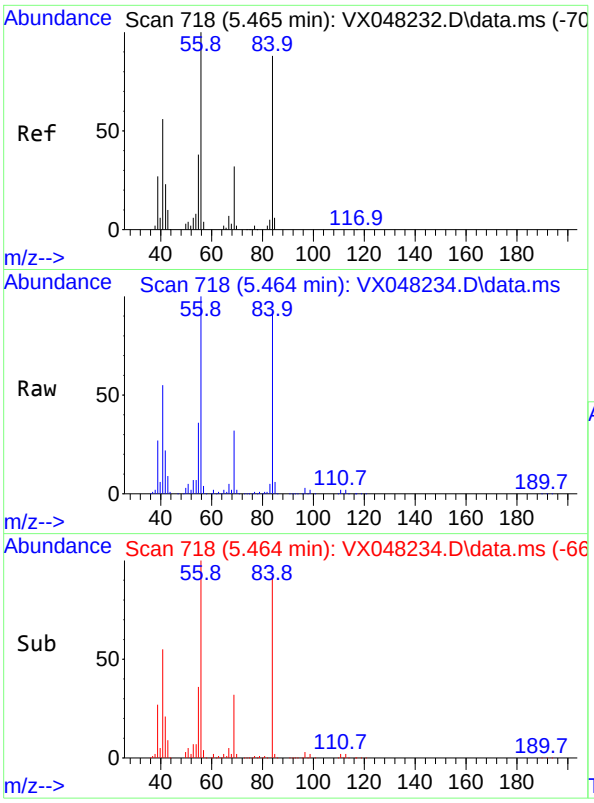


#30
Chloroform
Concen: 142.490 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 83 Resp: 358626

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1



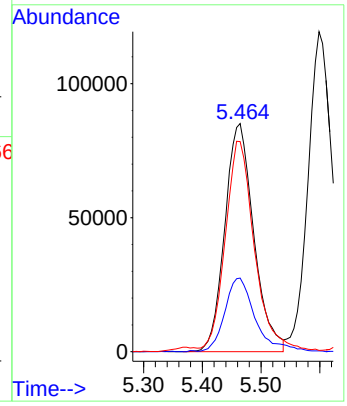


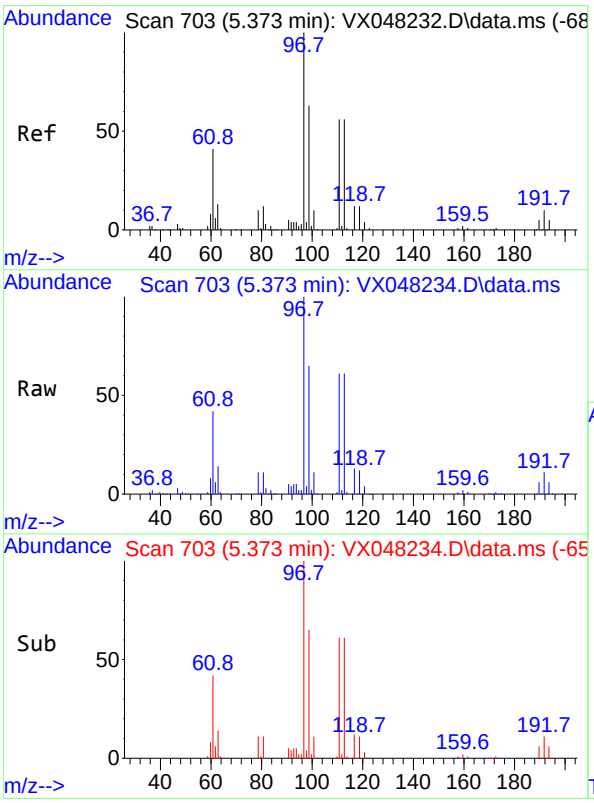
#31
Cyclohexane
Concen: 149.360 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 291302

Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.0	34.6
84	90.1	64.6	97.0

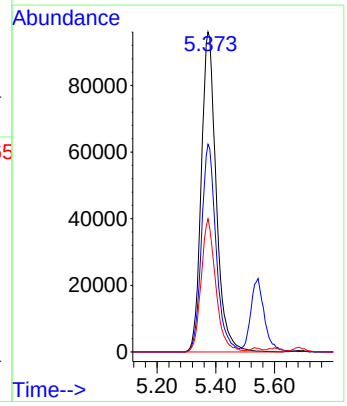


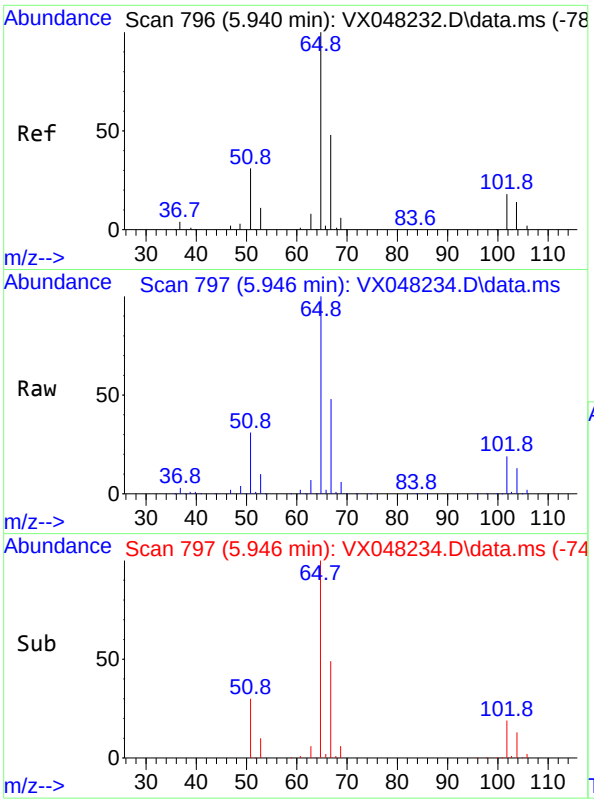


#32
1,1,1-Trichloroethane
Concen: 145.916 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	40.8	34.8	52.2



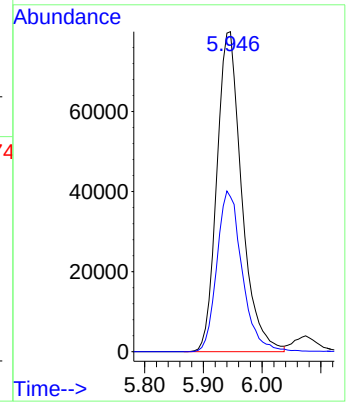


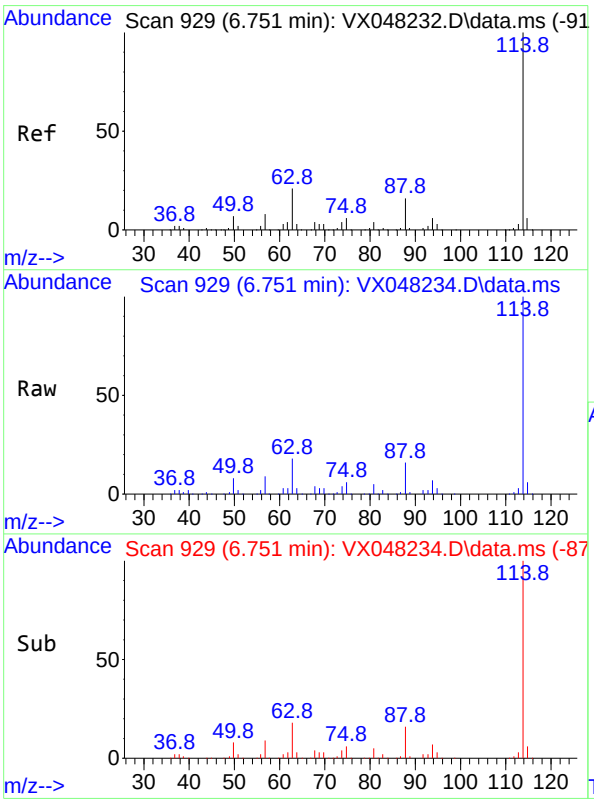
#33
1,2-Dichloroethane-d4
Concen: 149.444 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 234807

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.0

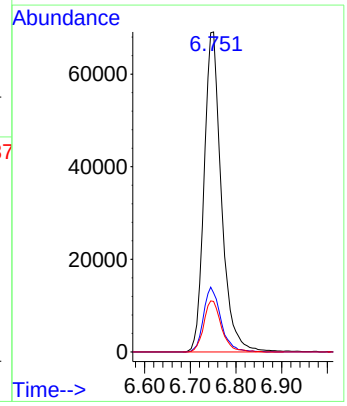


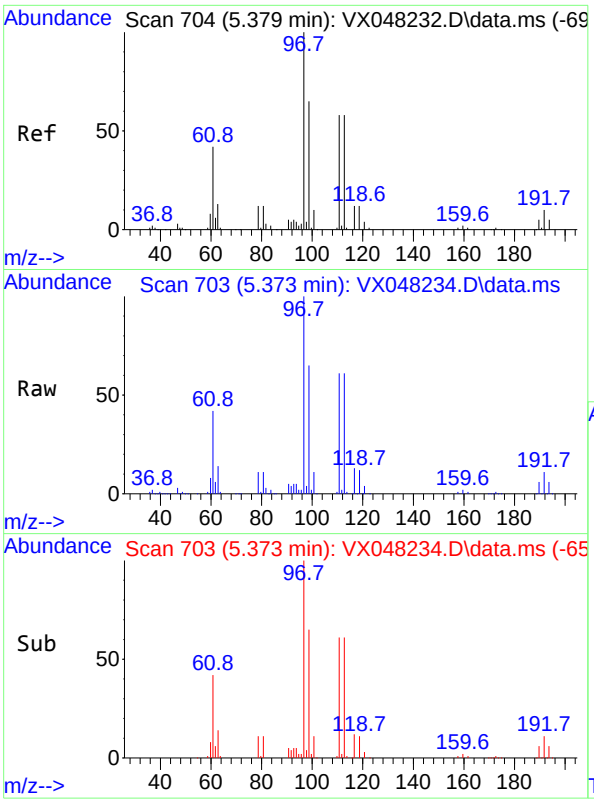


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:114 Resp: 180904

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	15.8	0.0	33.6



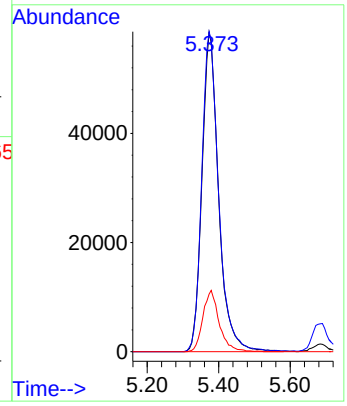


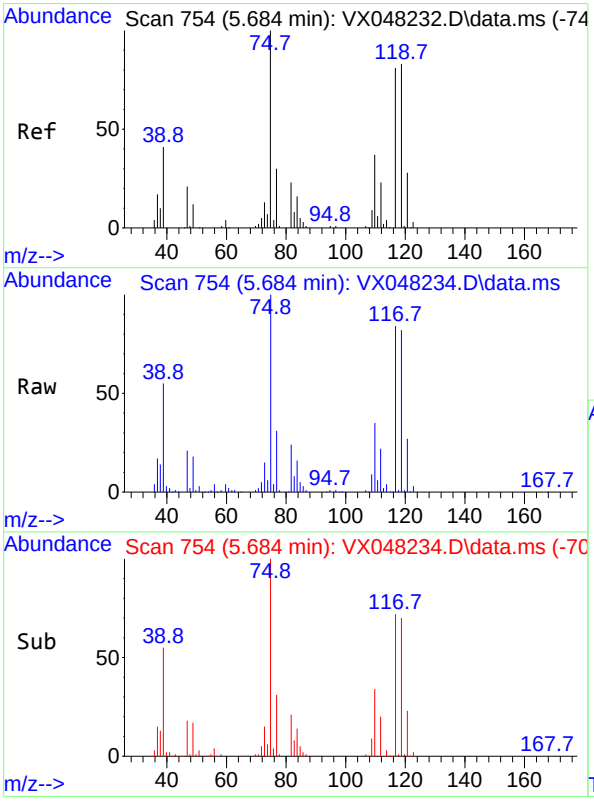
#35
Dibromofluoromethane
Concen: 152.889 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 188821

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	18.8	15.1	22.7

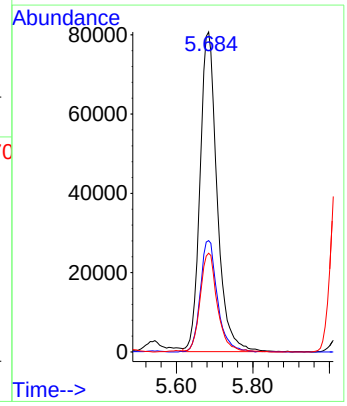


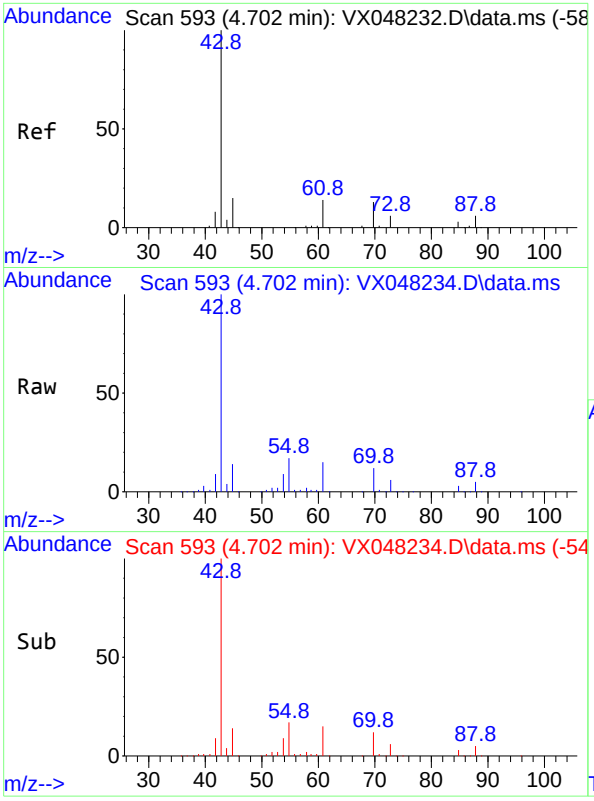


#36
1,1-Dichloropropene
Concen: 142.243 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	31.2	24.3	36.5



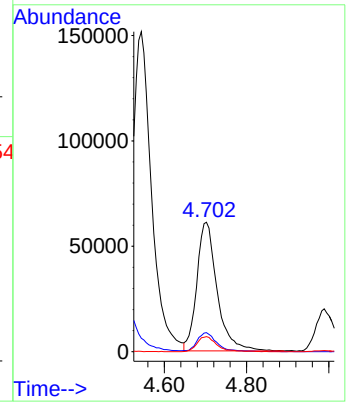


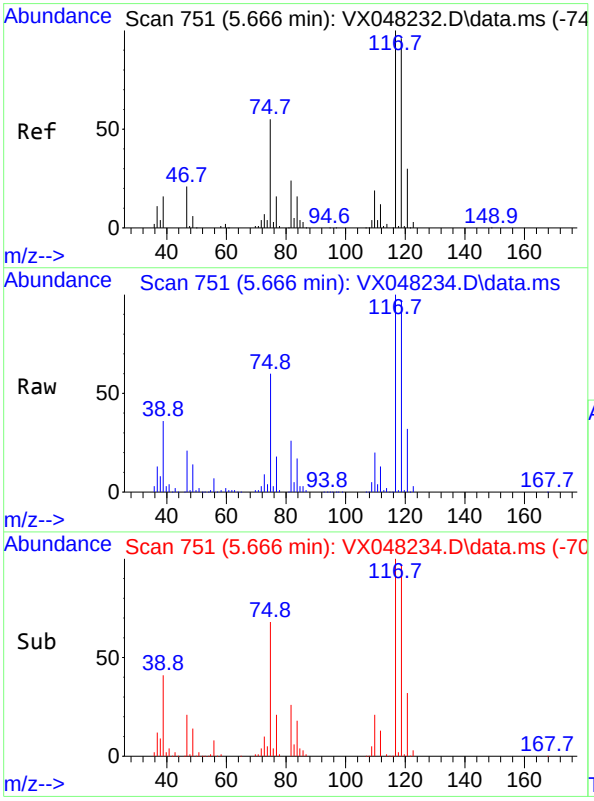
#37
Ethyl Acetate
Concen: 143.380 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 208614

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	11.2	7.8	11.6

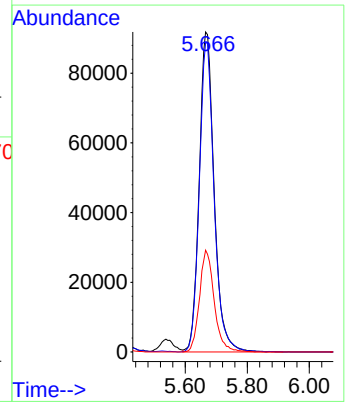


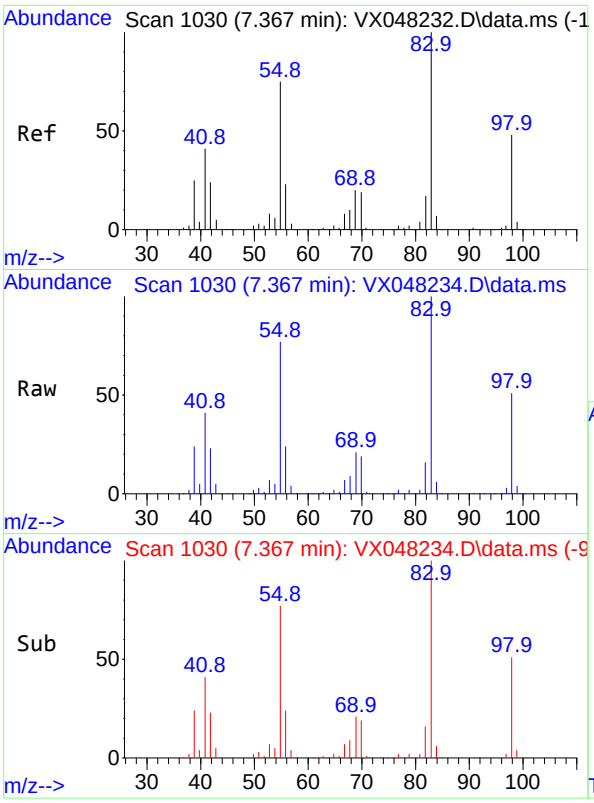


#38
Carbon Tetrachloride
Concen: 142.169 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 307892

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.2	115.8
121	31.8	24.8	37.2



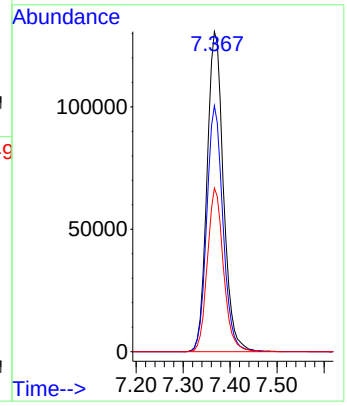


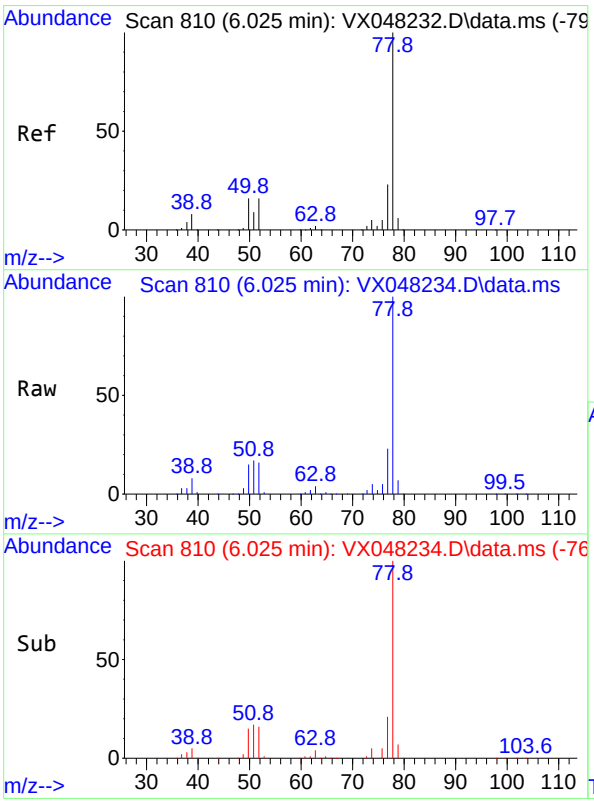
#39
Methylcyclohexane
Concen: 152.387 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 315911

Ion	Ratio	Lower	Upper
83	100		
55	76.9	66.2	99.2
98	51.1	38.9	58.3

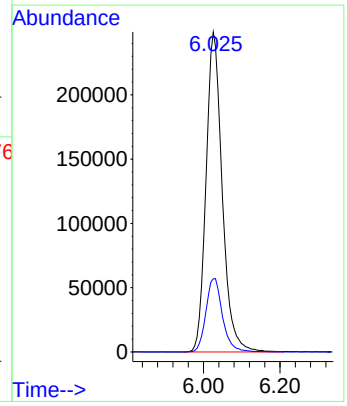


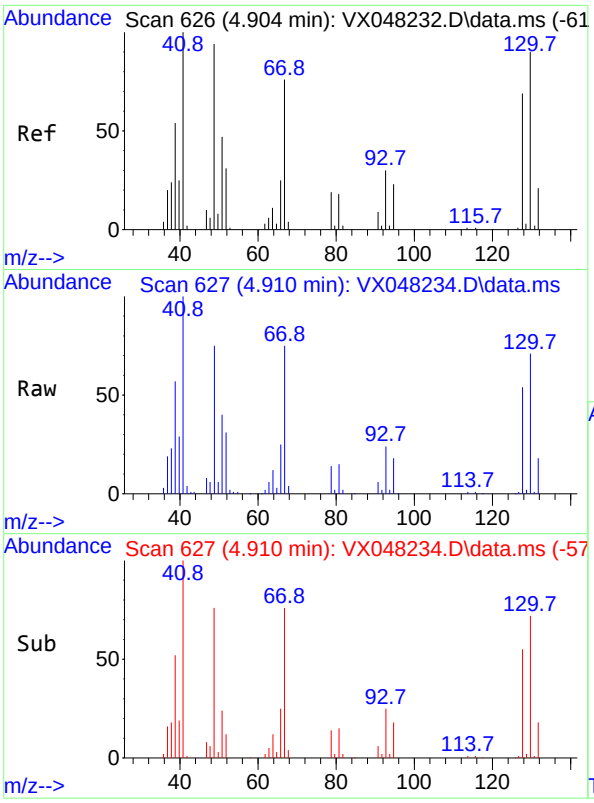


#40
Benzene
Concen: 143.416 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 78 Resp: 730908

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9



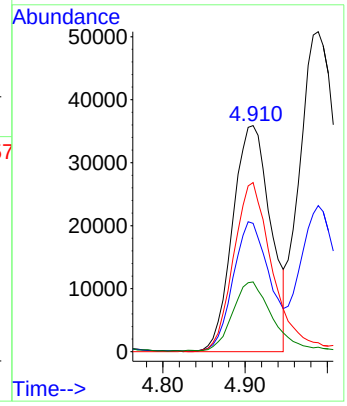


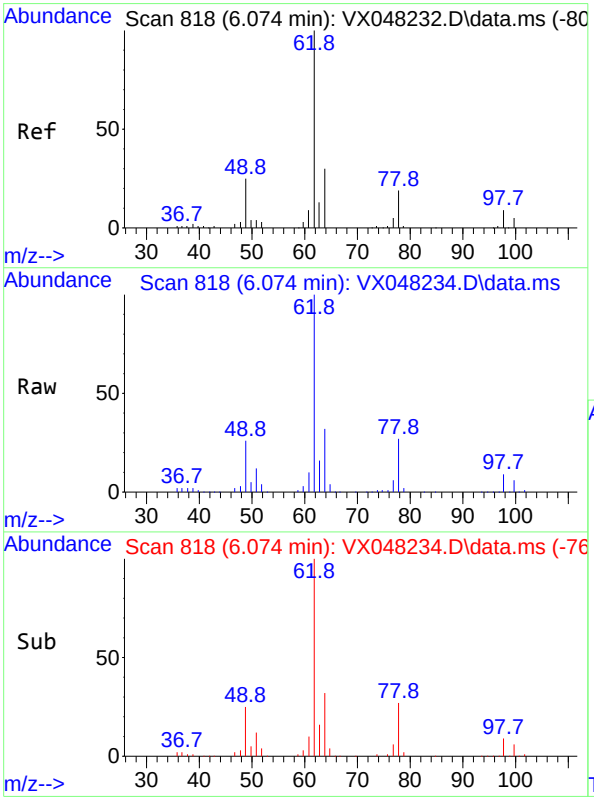
#41
Methacrylonitrile
Concen: 150.966 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 115351

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	78.1	58.7	88.1
52	32.5	25.9	38.9

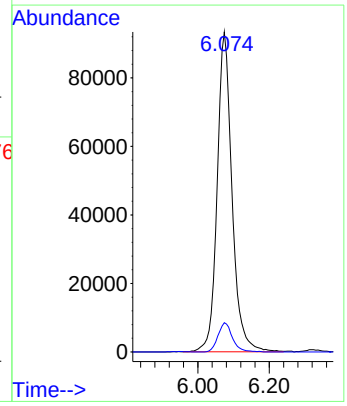


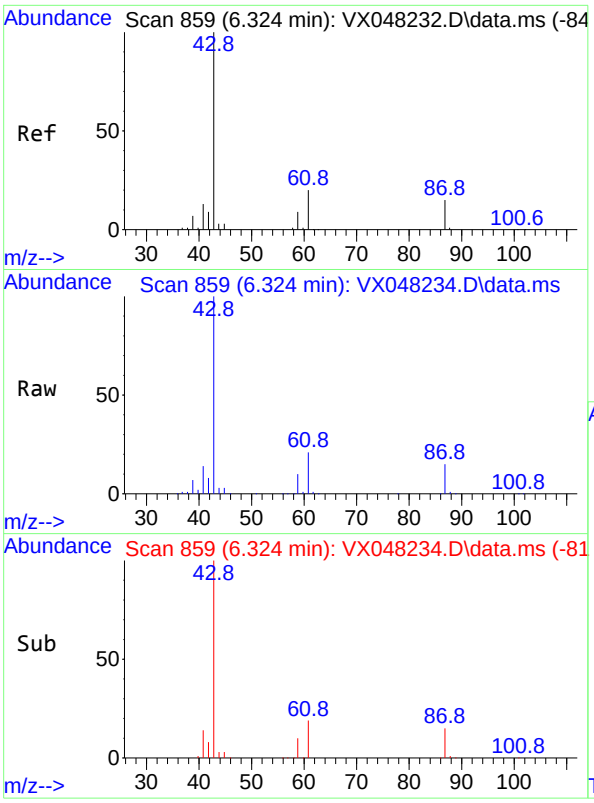


#42
1,2-Dichloroethane
Concen: 143.169 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 269245

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



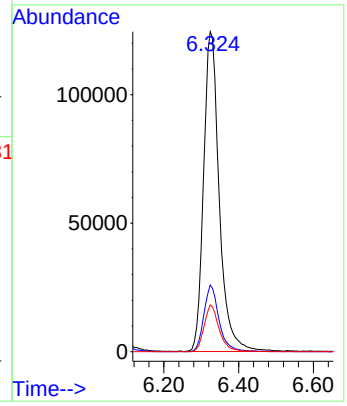


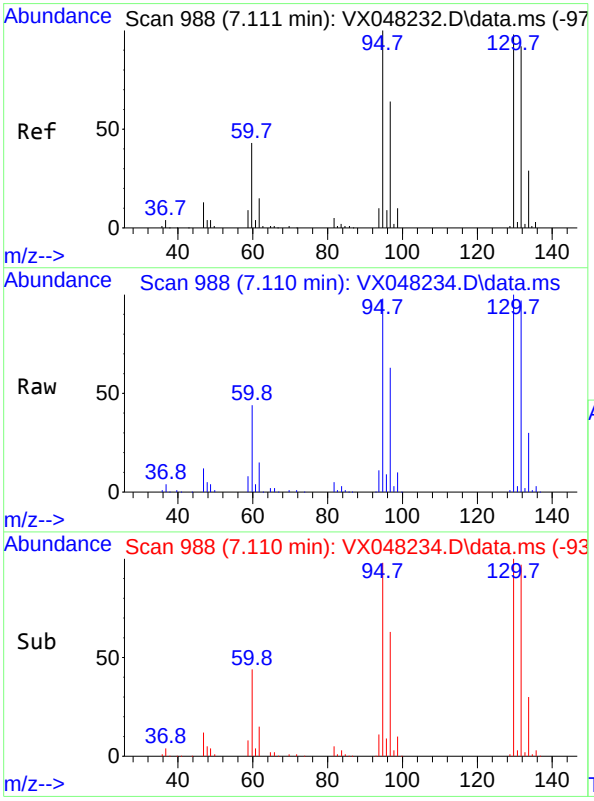
#43
Isopropyl Acetate
Concen: 151.084 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 361084

Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.9	22.3
87	14.0	9.4	14.2

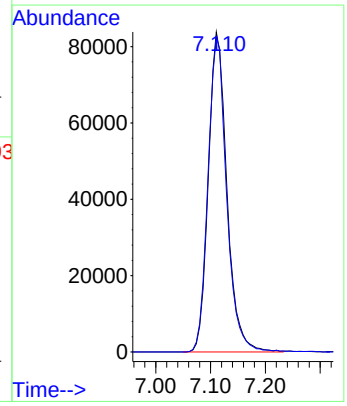


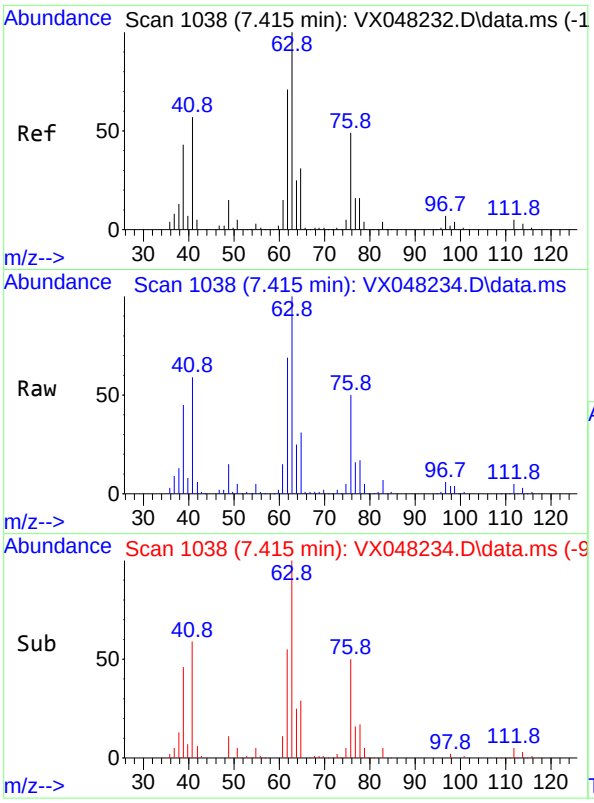


#44
Trichloroethene
Concen: 146.572 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	200.6



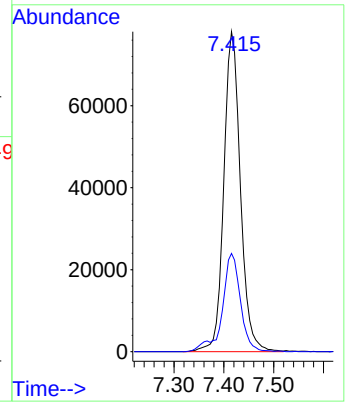


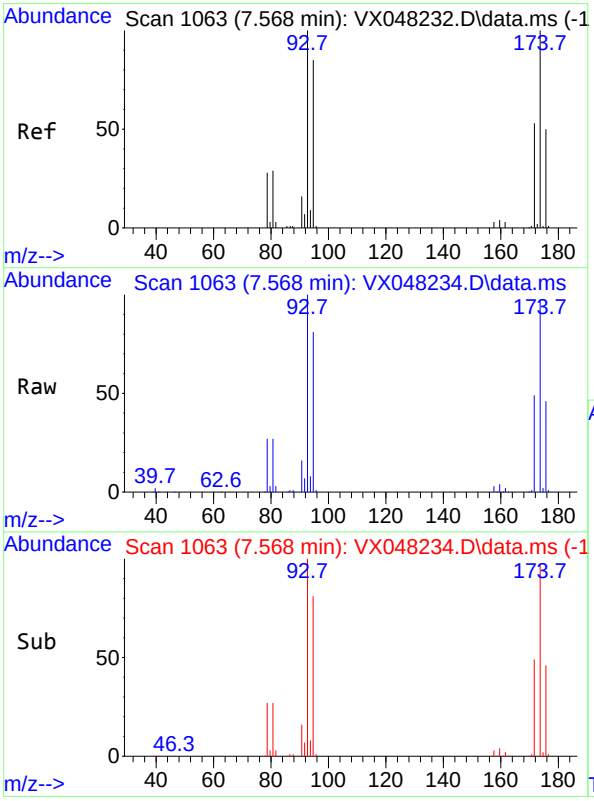
#45
1,2-Dichloropropane
Concen: 149.063 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 180619

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.1	36.1

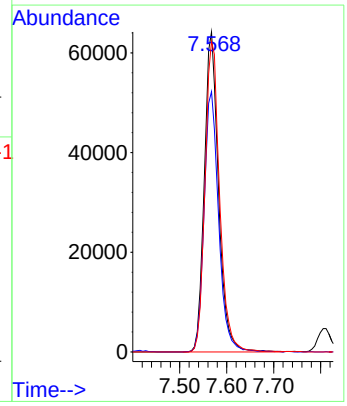


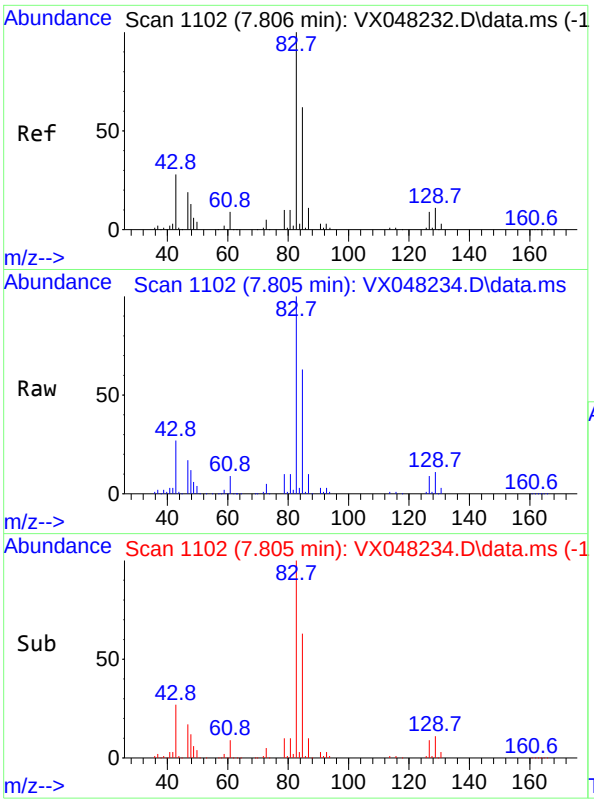


#46
Dibromomethane
Concen: 143.118 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 93 Resp: 135105

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	99.5	71.7	107.5



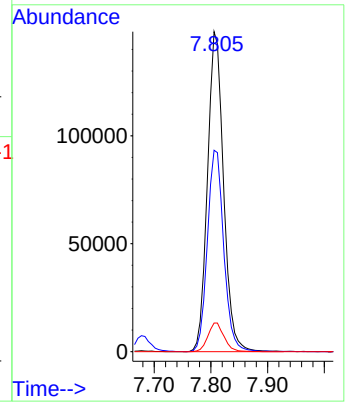


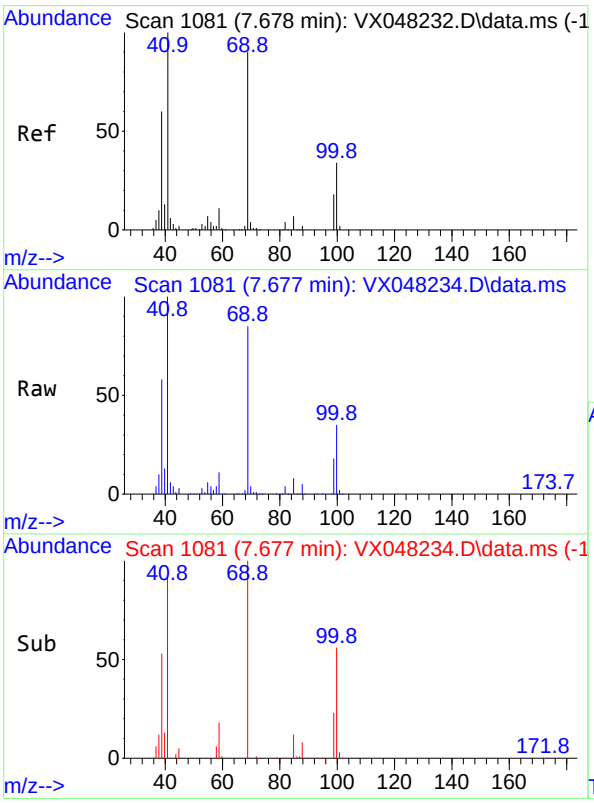
#47
Bromodichloromethane
Concen: 143.290 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 292063

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.2	78.4
127	8.9	7.3	10.9

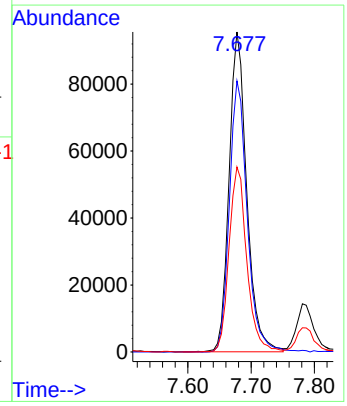


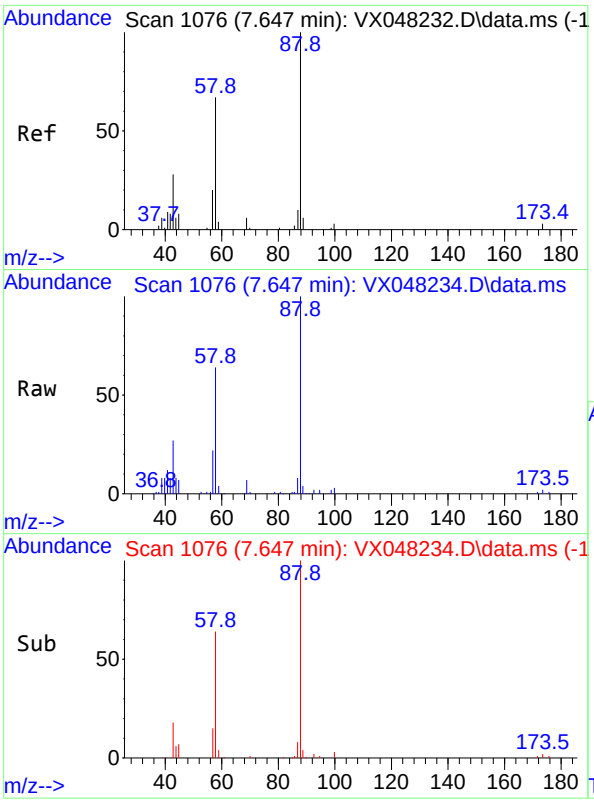


#48
Methyl methacrylate
Concen: 152.865 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 41 Resp: 184354

Ion	Ratio	Lower	Upper
41	100		
69	86.0	63.4	95.0
39	58.5	47.1	70.7



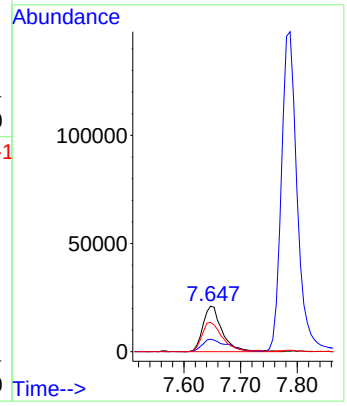


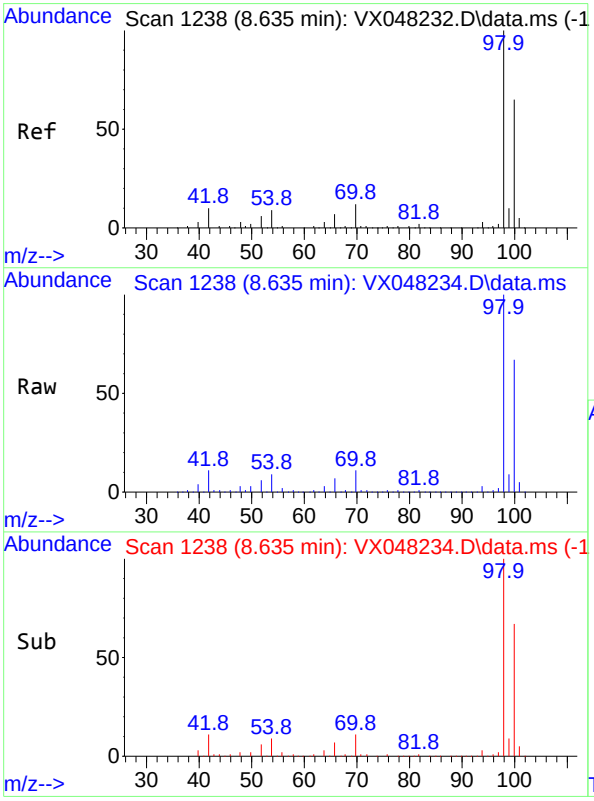
#49
1,4-Dioxane
Concen: 3131.591 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 49895

Ion	Ratio	Lower	Upper
88	100		
43	35.6	35.0	52.4
58	67.7	61.9	92.9

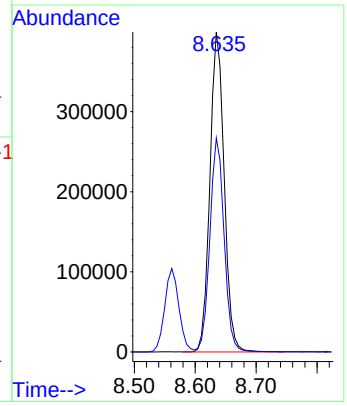


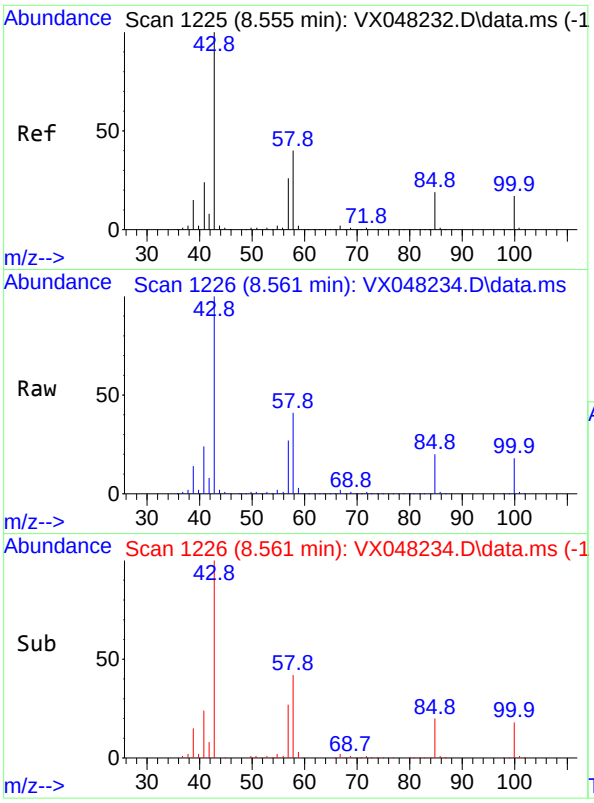


#50
Toluene-d8
Concen: 149.843 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4



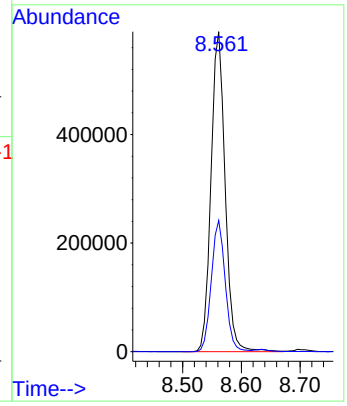


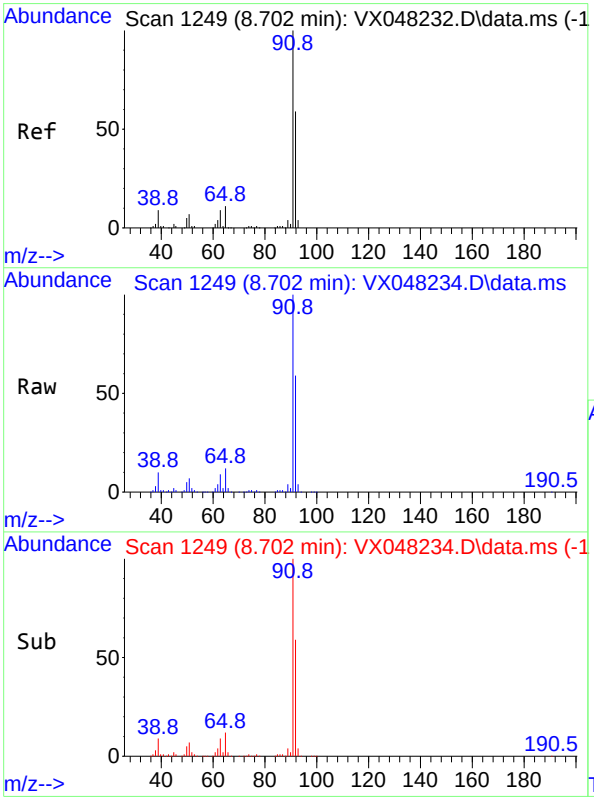
#51
4-Methyl-2-Pentanone
Concen: 713.457 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 983125

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

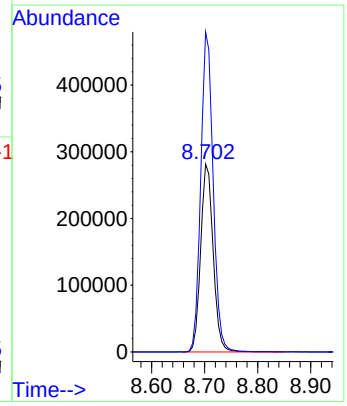


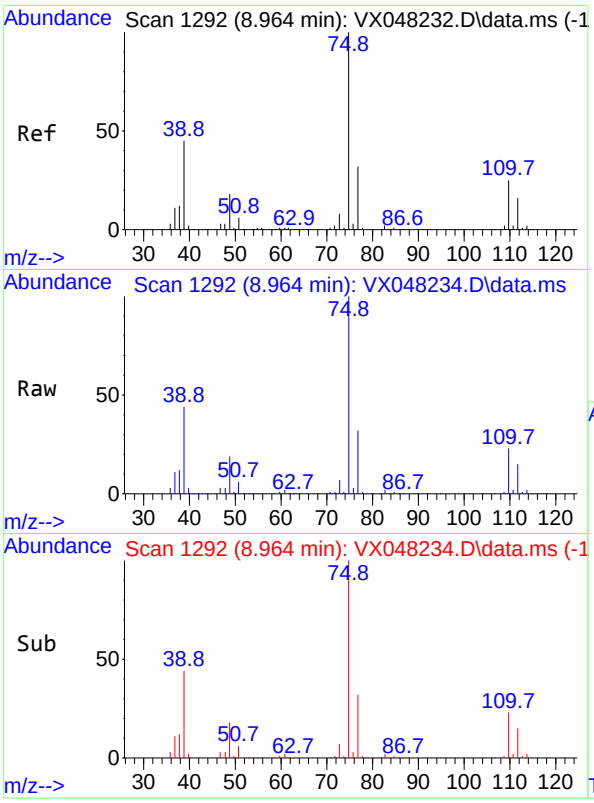


#52
Toluene
Concen: 142.307 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742

Ion	Ratio	Lower	Upper
92	100		
91	169.1	136.1	204.1



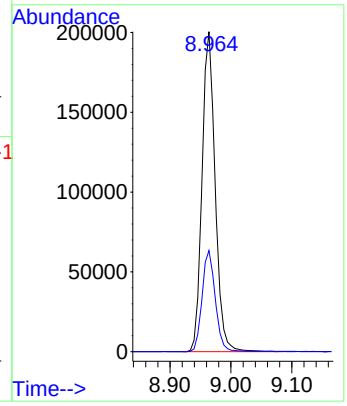


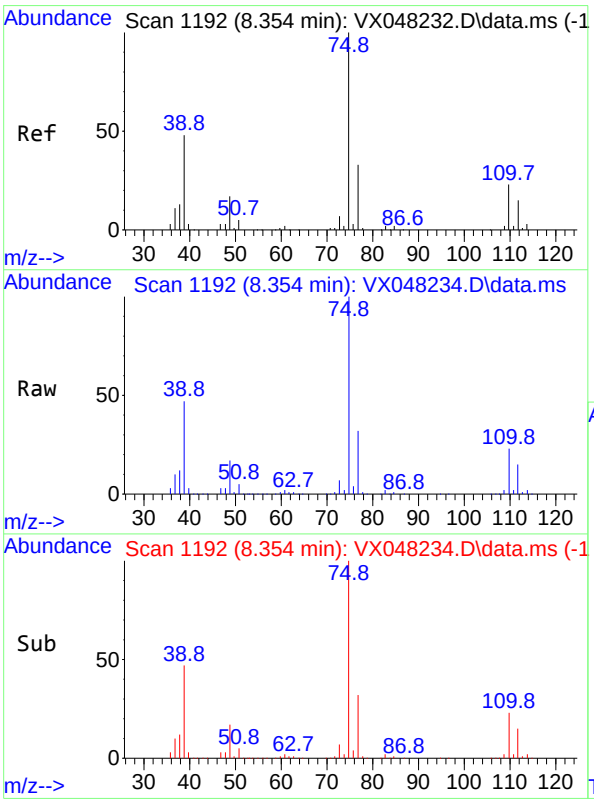
#53
t-1,3-Dichloropropene
Concen: 152.861 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 300251

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6

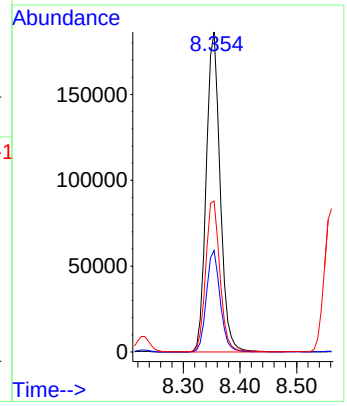


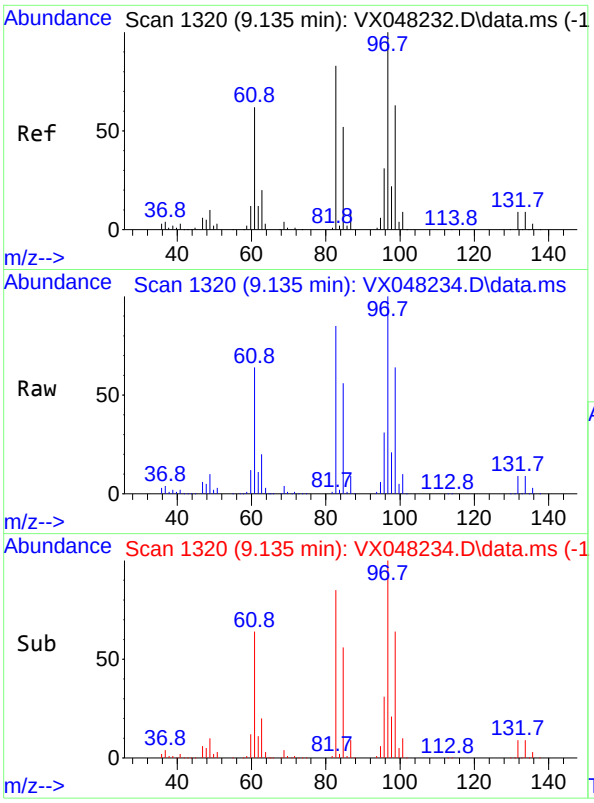


#54
cis-1,3-Dichloropropene
Concen: 149.763 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 317375

Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	47.1	42.6	64.0



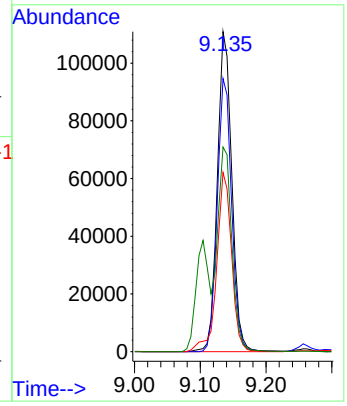


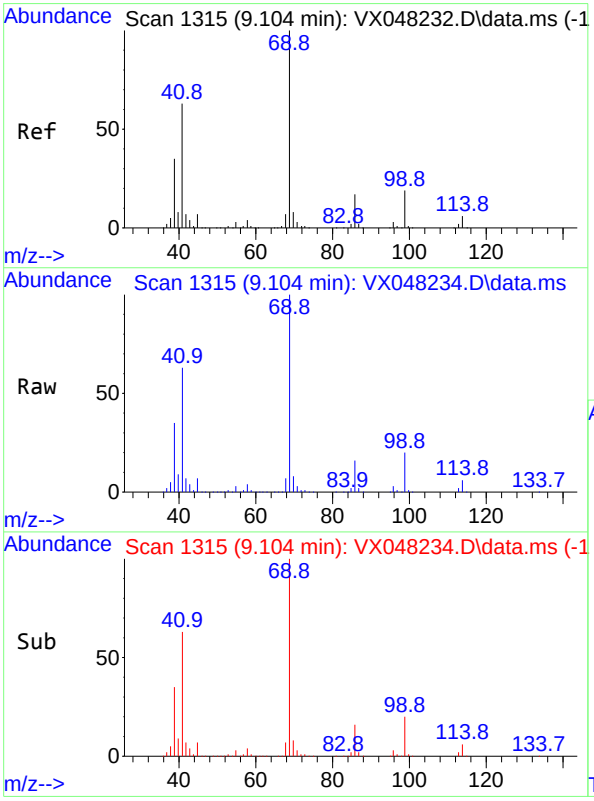
#55
1,1,2-Trichloroethane
Concen: 141.104 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 169894

Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.6	105.8
85	56.0	45.0	67.6
99	63.9	50.9	76.3

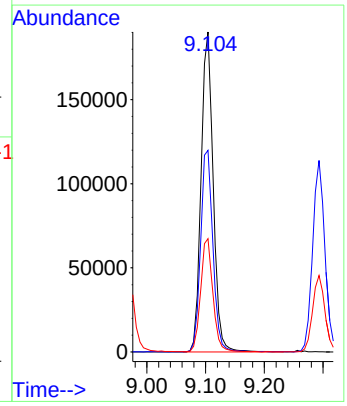


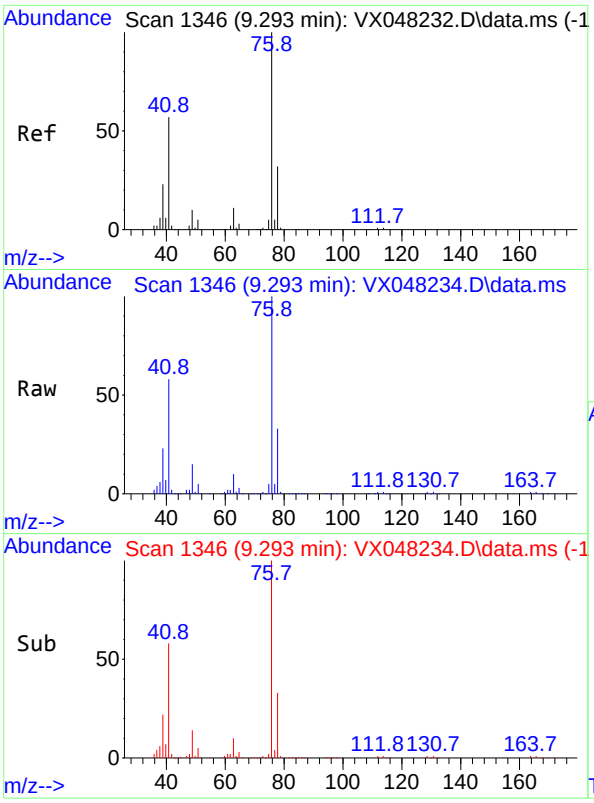


#56
Ethyl methacrylate
Concen: 154.550 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	36.1	31.6	47.4



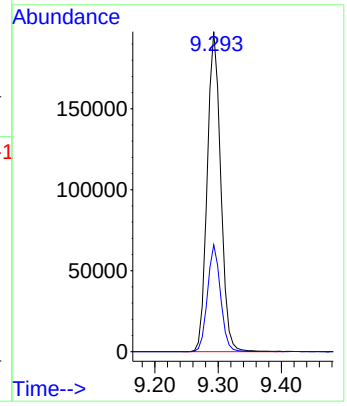


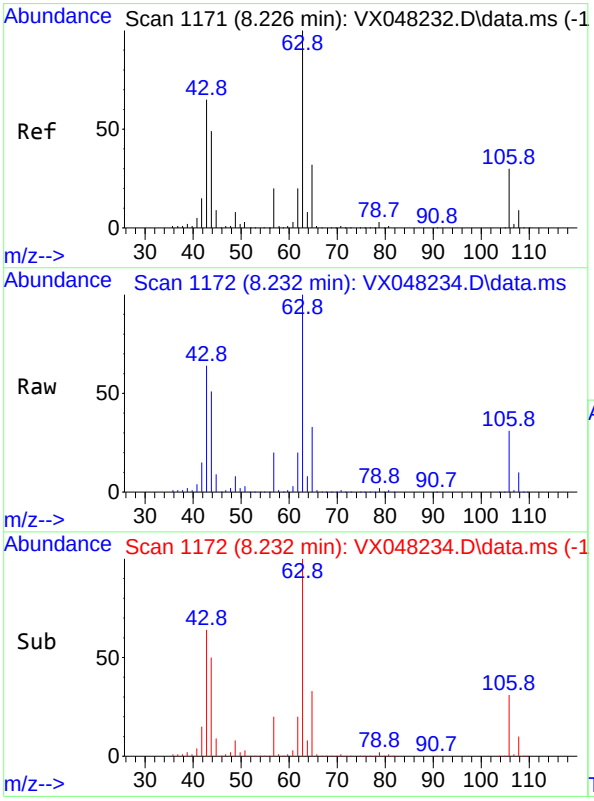
#57
1,3-Dichloropropane
Concen: 142.782 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 293650

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.0

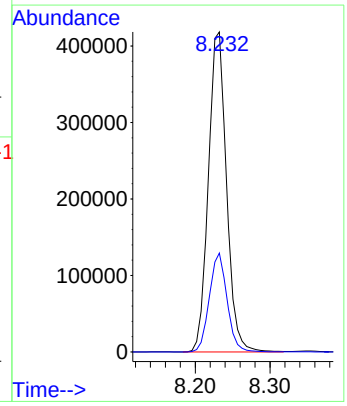


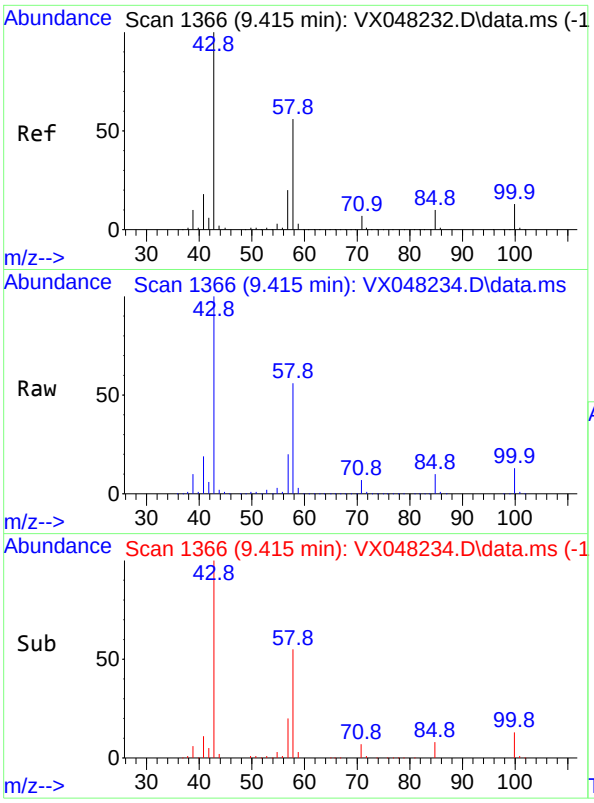


#58
2-Chloroethyl Vinyl ether
Concen: 741.966 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 63 Resp: 705780

Ion	Ratio	Lower	Upper
63	100		
106	30.2	22.2	33.2



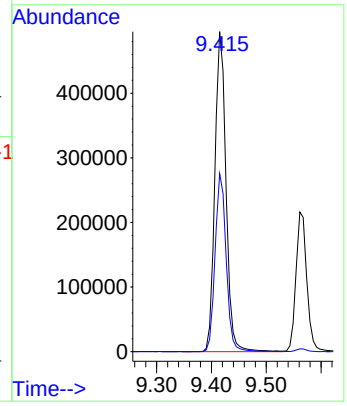


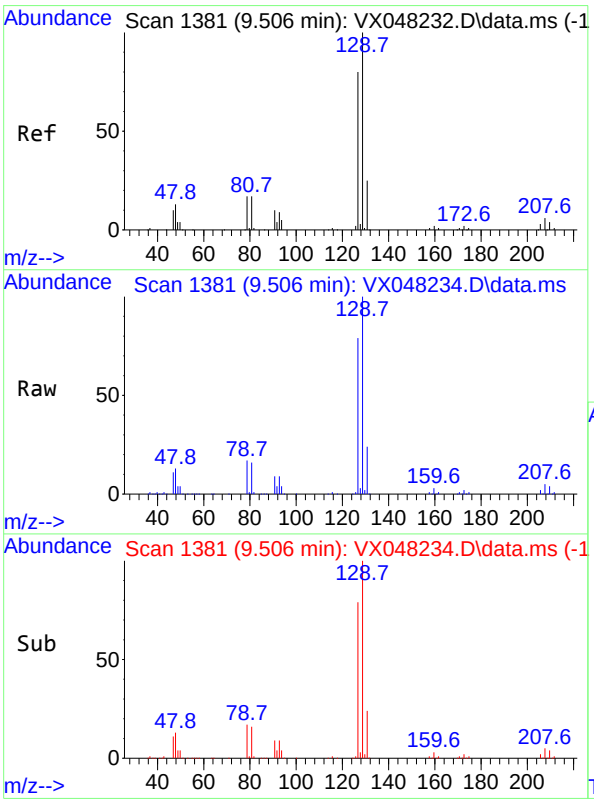
#59
2-Hexanone
Concen: 723.047 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 694736

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

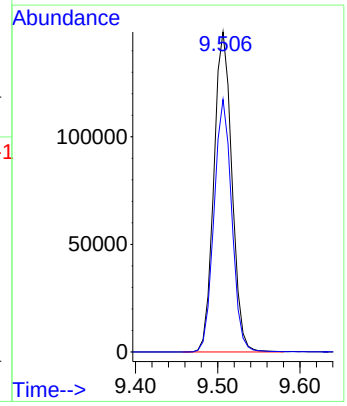


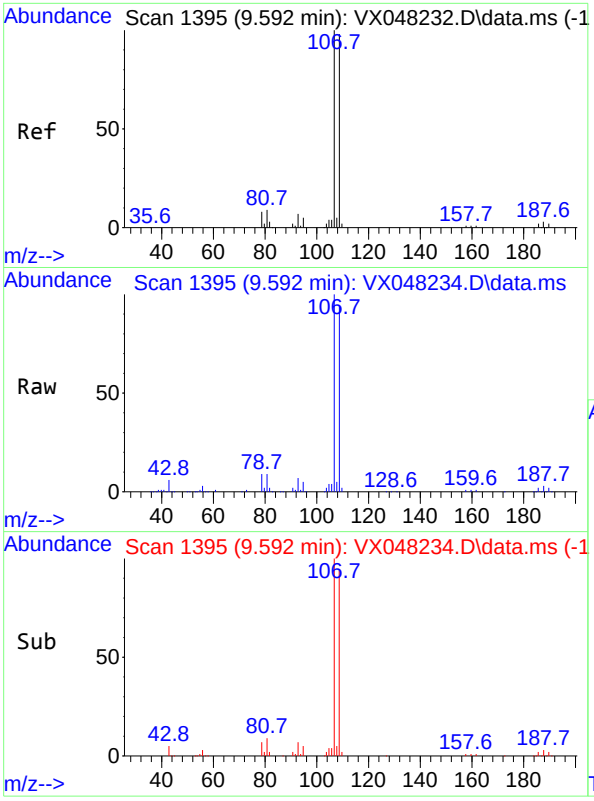


#60
Dibromochloromethane
Concen: 140.050 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:129 Resp: 226642

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.7



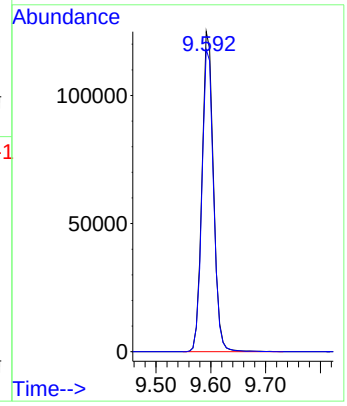


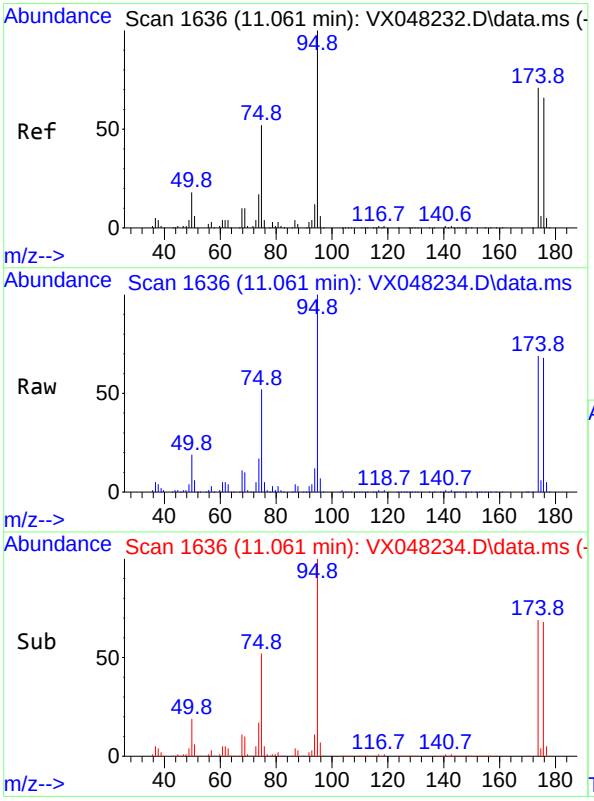
#61
1,2-Dibromoethane
Concen: 141.953 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 182208

Ion	Ratio	Lower	Upper
107	100		
109	95.6	77.0	115.4

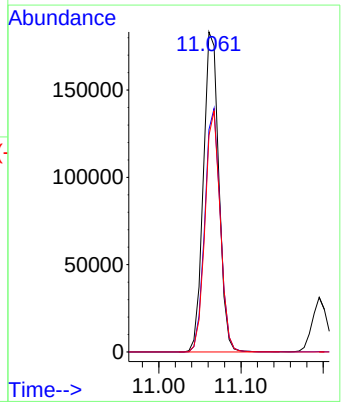


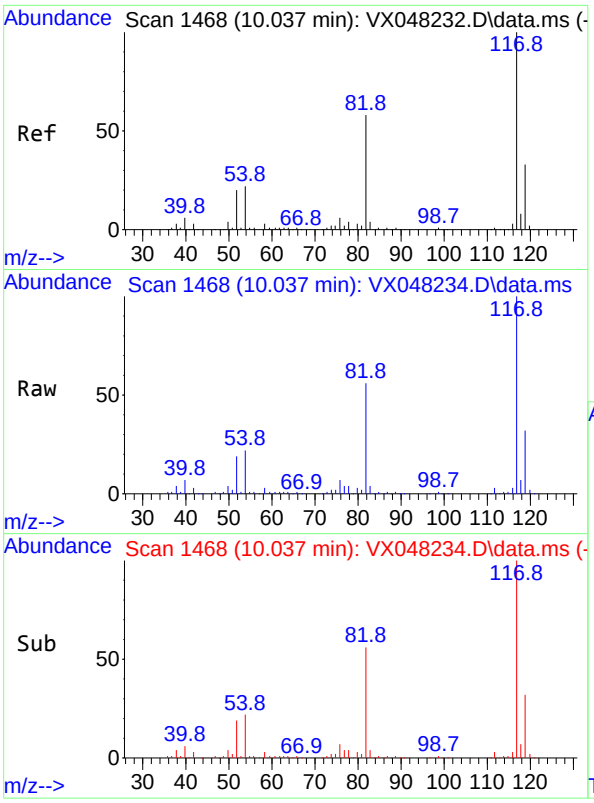


#62
4-Bromofluorobenzene
Concen: 145.308 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 95 Resp: 239298

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	147.8
176	74.2	0.0	142.8



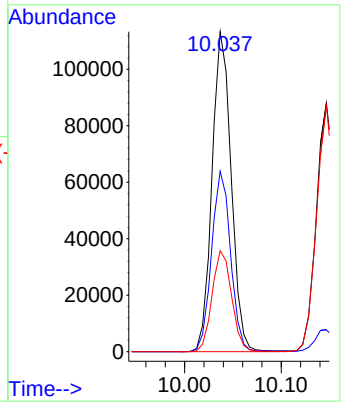


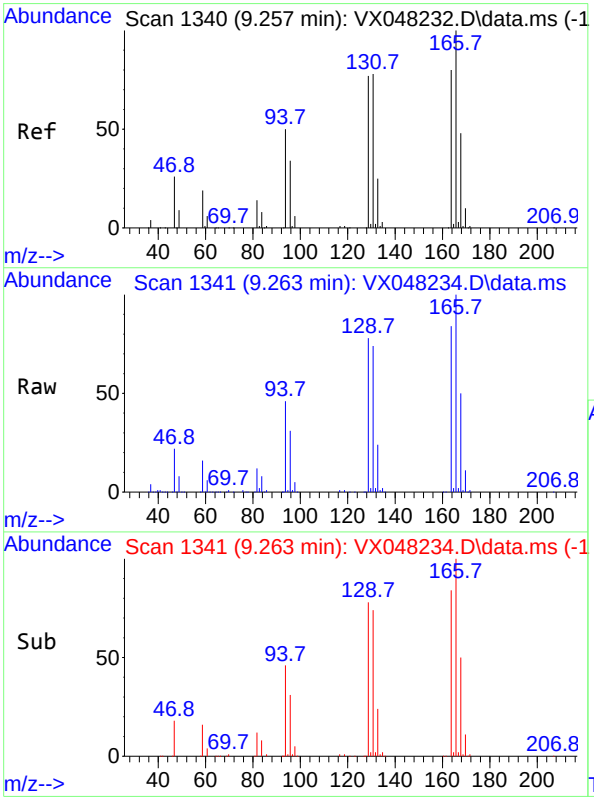
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 155759

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.5	69.7
119	31.5	25.9	38.9

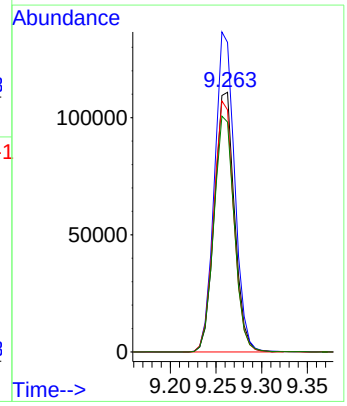


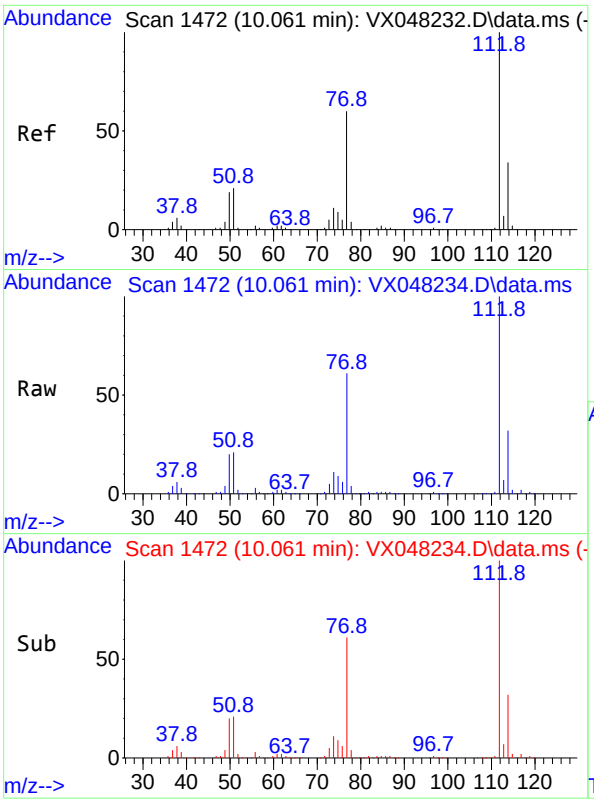


#64
Tetrachloroethene
Concen: 144.982 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581

Ion	Ratio	Lower	Upper
164	100		
166	119.3	104.5	156.7
129	93.2	81.8	122.6
131	88.6	77.0	115.6



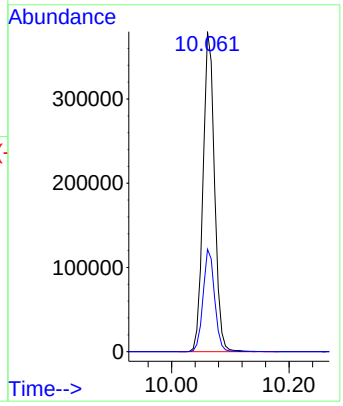


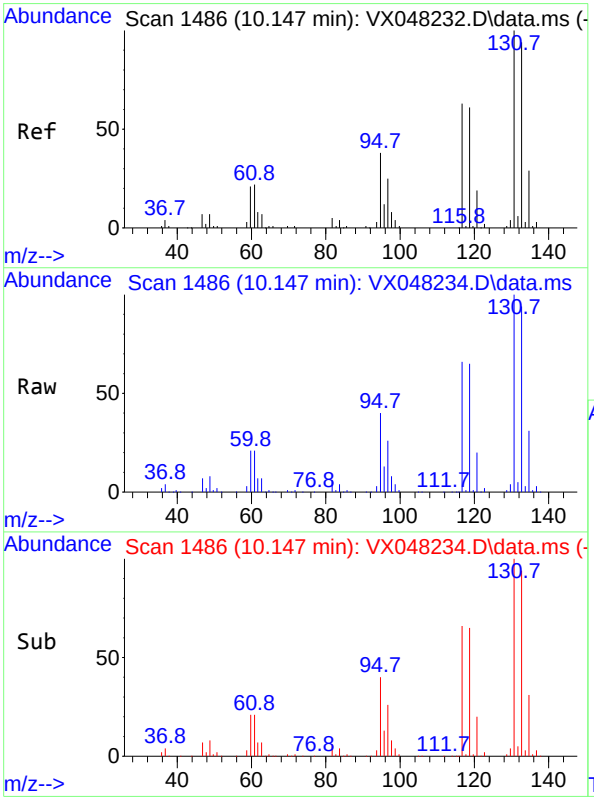
#65
Chlorobenzene
Concen: 146.973 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 514967

Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.2

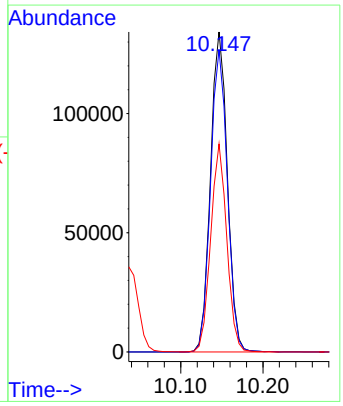


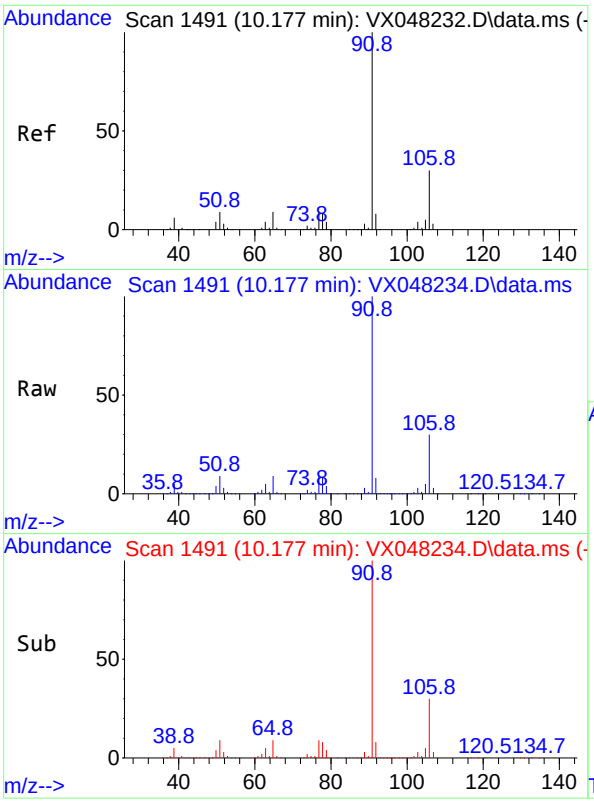


#66
1,1,1,2-Tetrachloroethane
Concen: 148.558 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:131 Resp: 191186

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.6	142.8
119	62.3	32.5	97.5



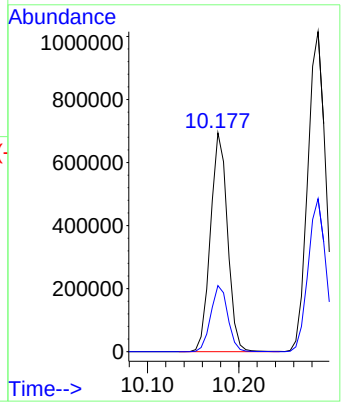


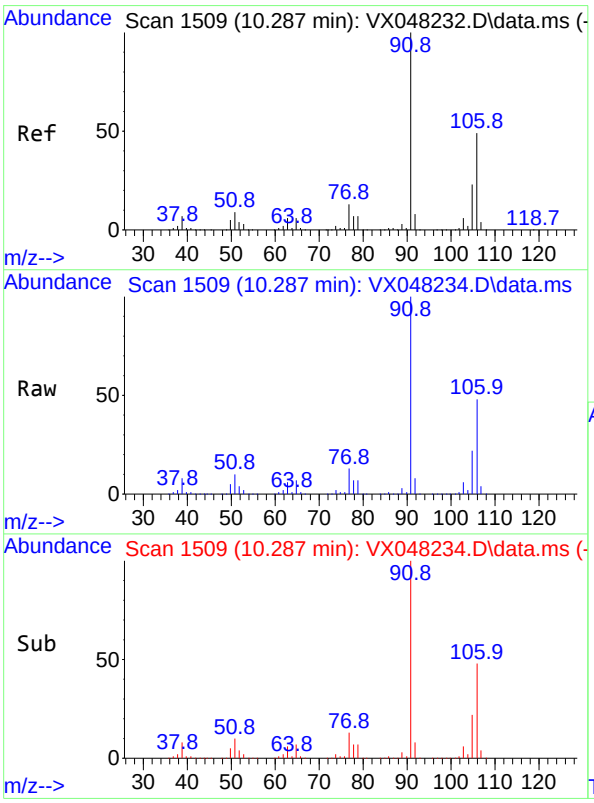
#67
Ethyl Benzene
Concen: 150.554 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 898137

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.8	35.6

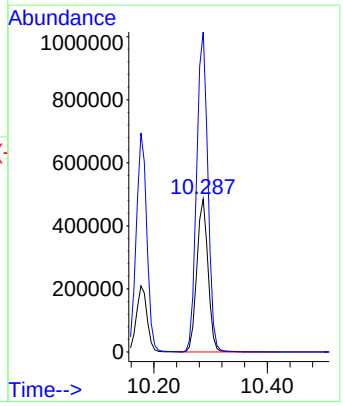


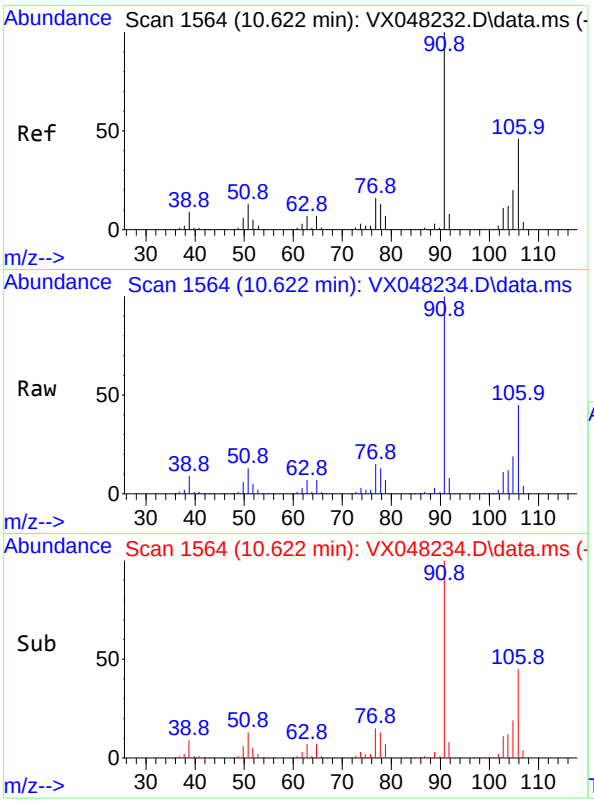


#68
m/p-Xylenes
Concen: 298.230 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:106 Resp: 661019

Ion	Ratio	Lower	Upper
106	100		
91	211.4	167.9	251.9



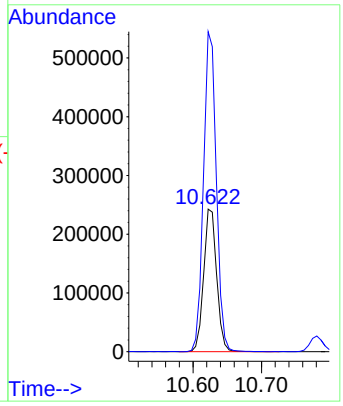


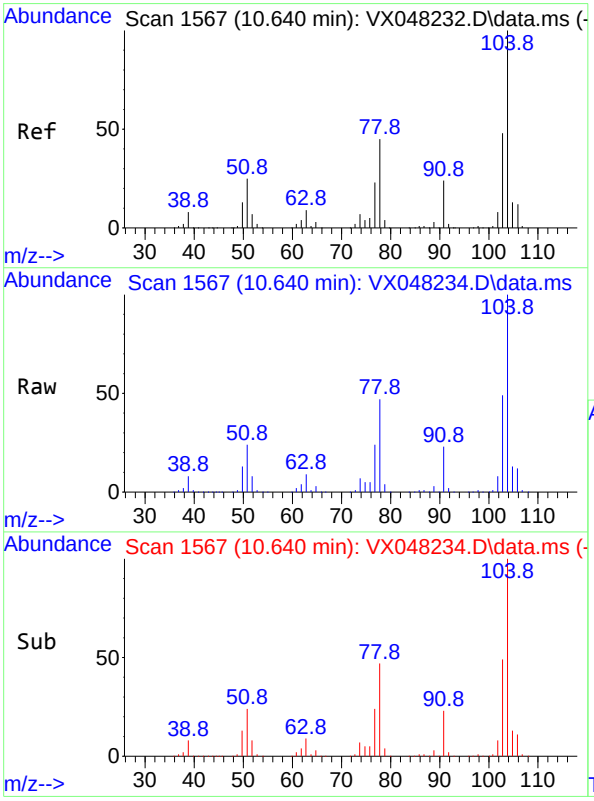
#69
o-Xylene
Concen: 149.698 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 320334

Ion	Ratio	Lower	Upper
106	100		
91	221.5	111.3	333.9

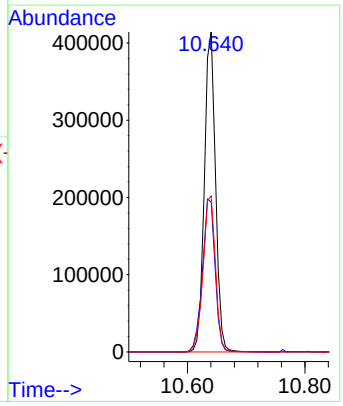


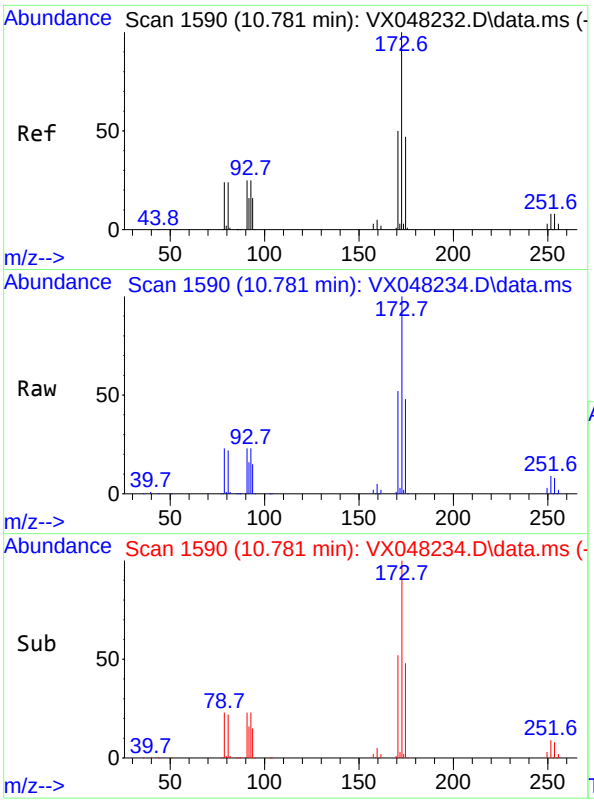


#70
Styrene
Concen: 150.439 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:104 Resp: 548149

Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.2	63.4
103	54.4	43.0	64.4



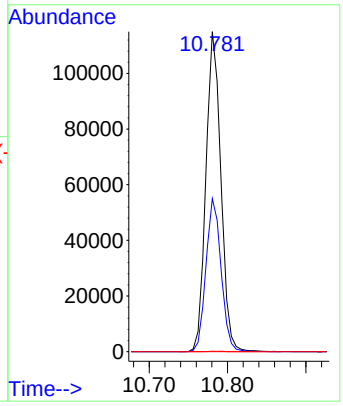


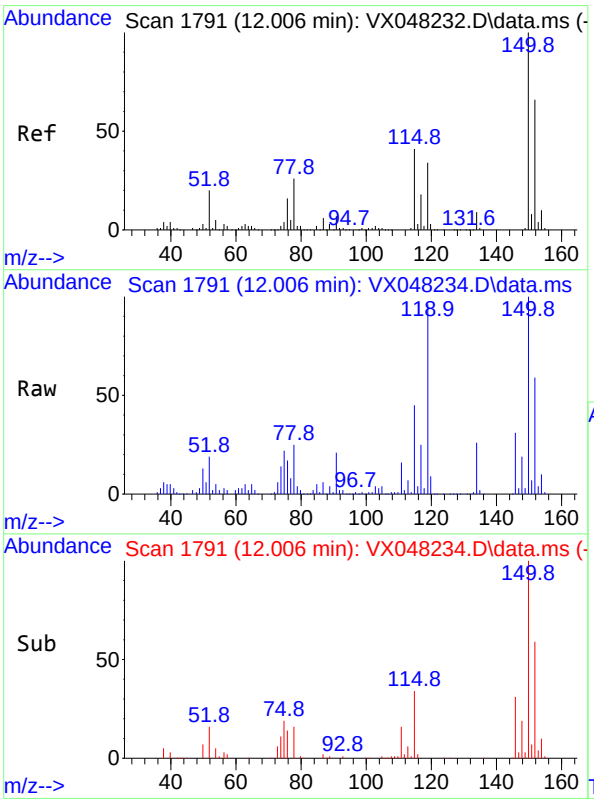
#71
Bromoform
Concen: 147.980 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 152209

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.0	72.0
254	0.1	0.0	0.0#

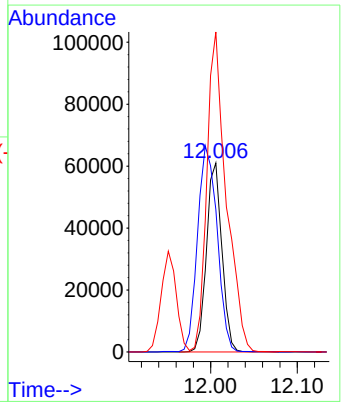


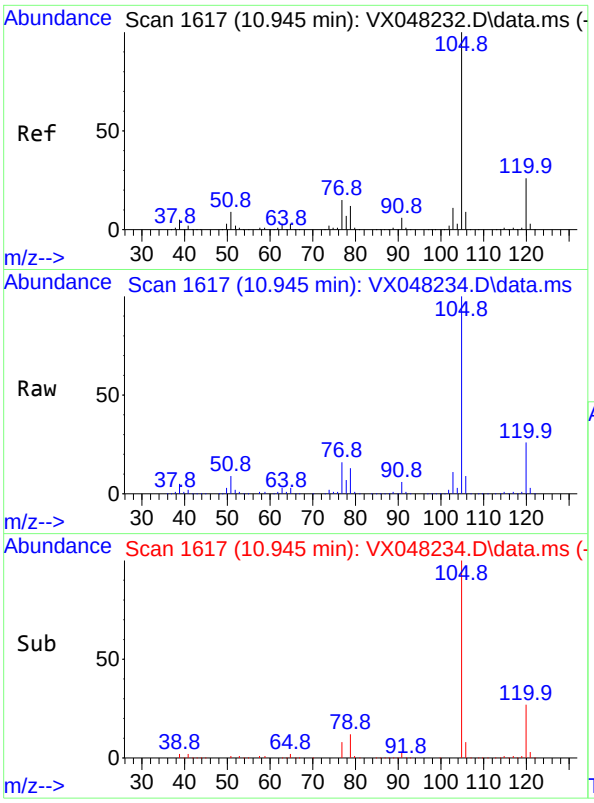


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:152 Resp: 75397

Ion	Ratio	Lower	Upper
152	100		
115	138.9	43.1	129.4#
150	212.6	0.0	353.0



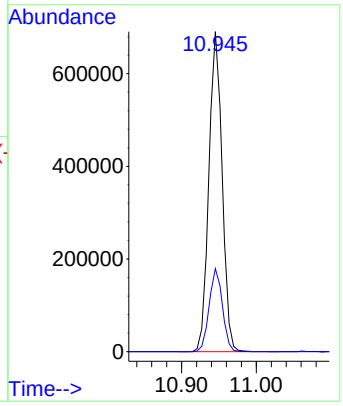


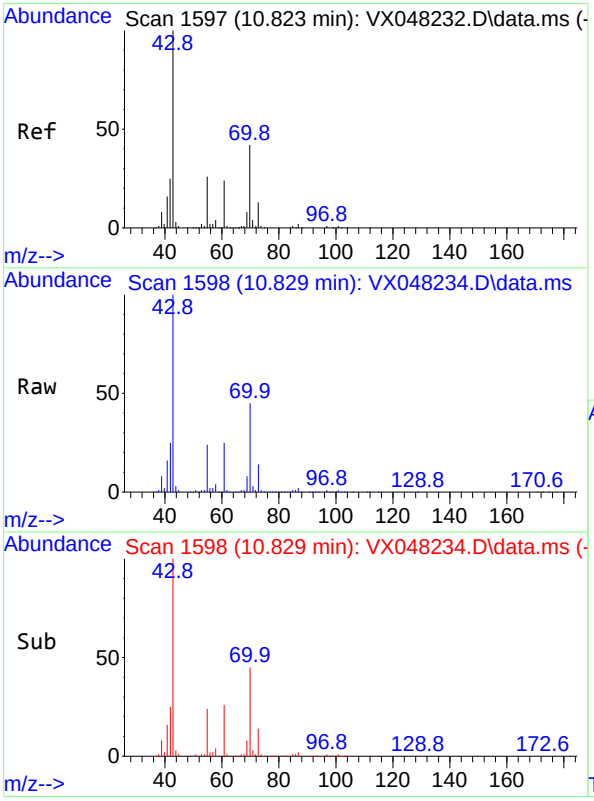
#73
Isopropylbenzene
Concen: 154.201 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 849183

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

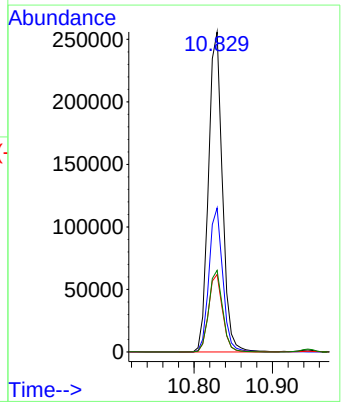


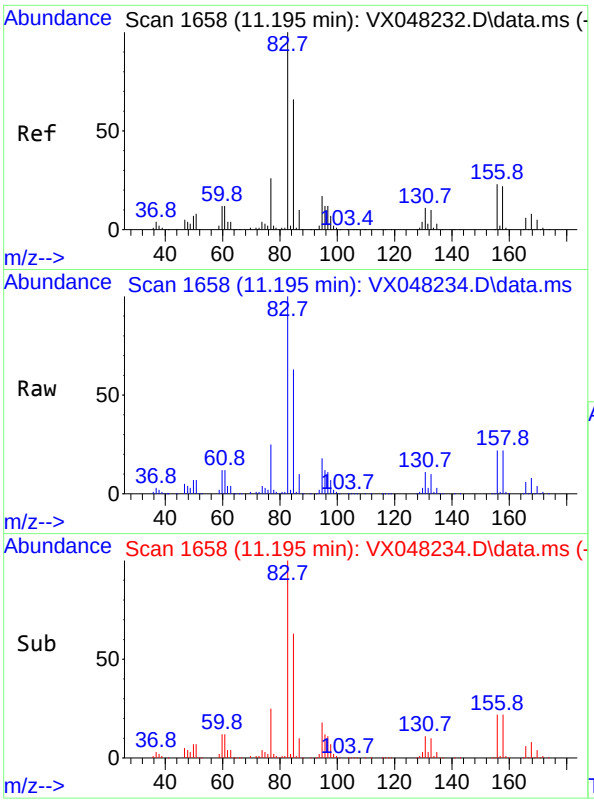


#74
N-amyl acetate
Concen: 161.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879

Ion	Ratio	Lower	Upper
43	100		
70	44.5	32.2	48.2
55	24.4	19.1	28.7
61	25.2	18.6	28.0



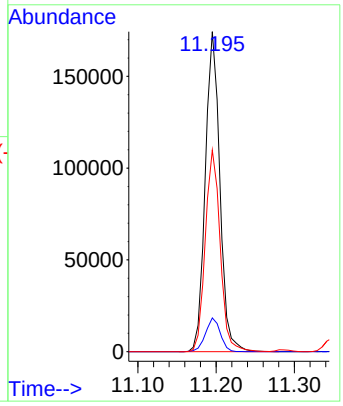


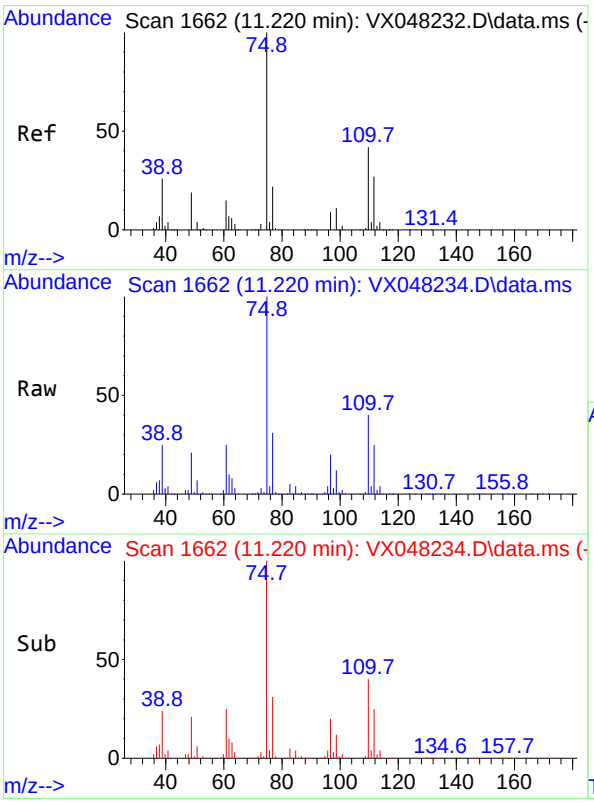
#75
1,1,2,2-Tetrachloroethane
Concen: 149.271 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 224486

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.4
85	64.6	31.9	95.7

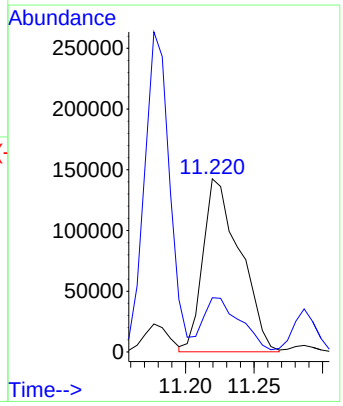


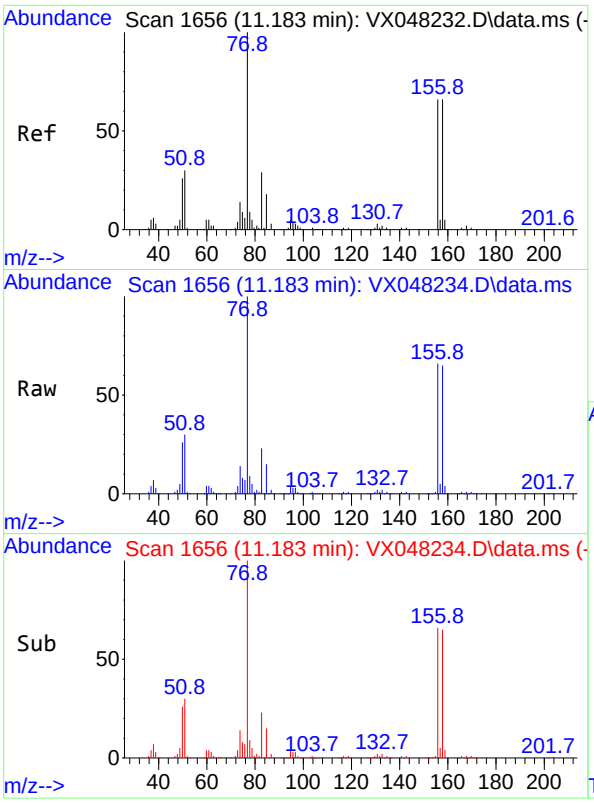


#76
1,2,3-Trichloropropane
Concen: 219.425 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 268288

Ion	Ratio	Lower	Upper
75	100		
77	30.3	22.4	67.2



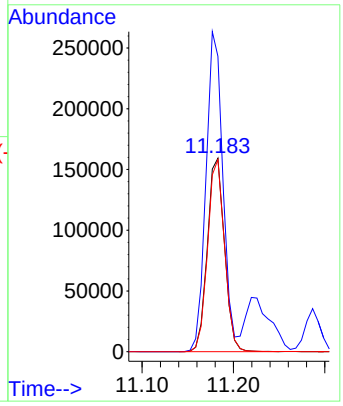


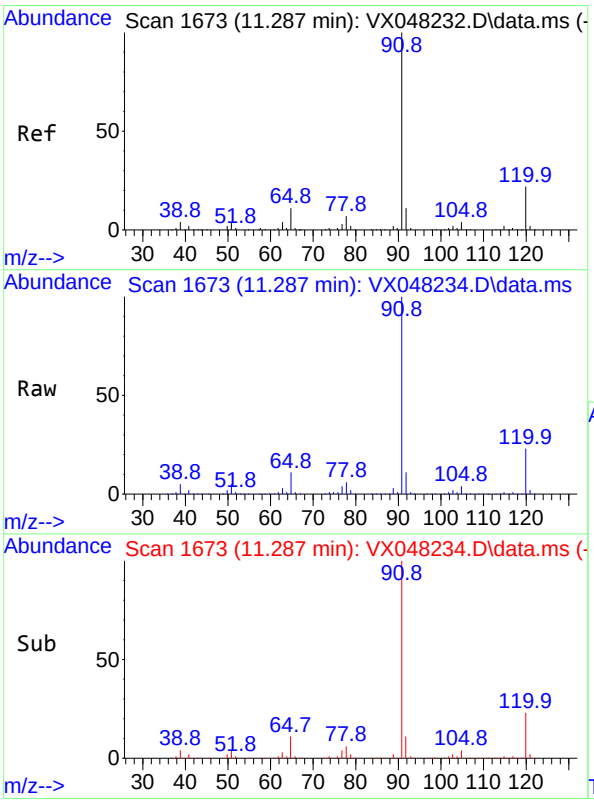
#77
Bromobenzene
Concen: 150.063 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 207212

Ion	Ratio	Lower	Upper
156	100		
77	161.9	87.0	261.0
158	97.9	47.8	143.4

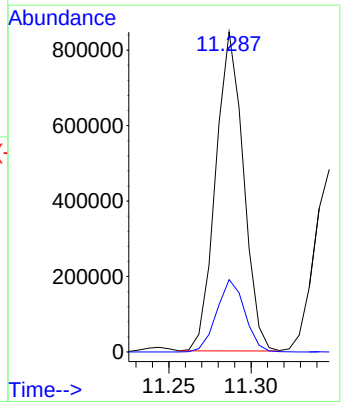


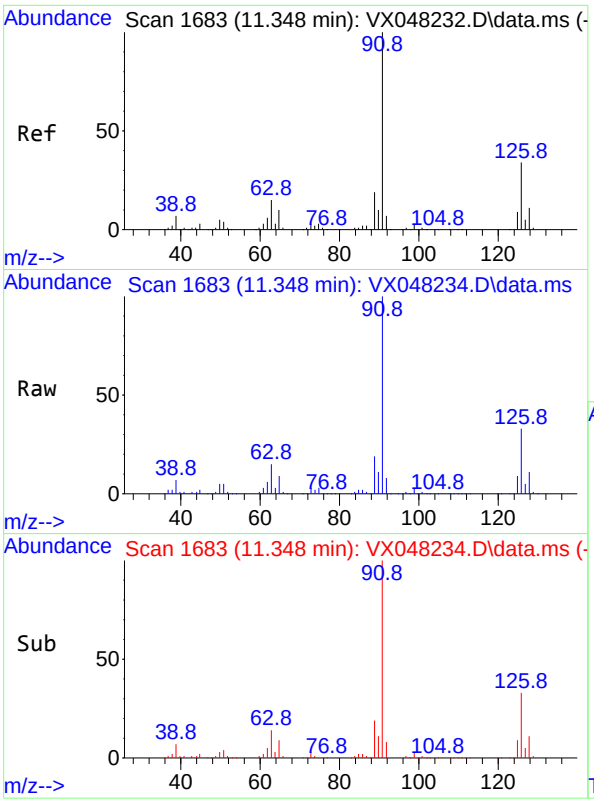


#78
n-propylbenzene
Concen: 155.573 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 991960

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1



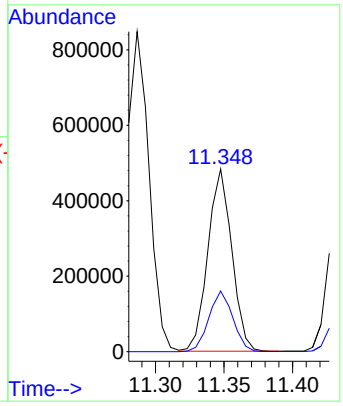


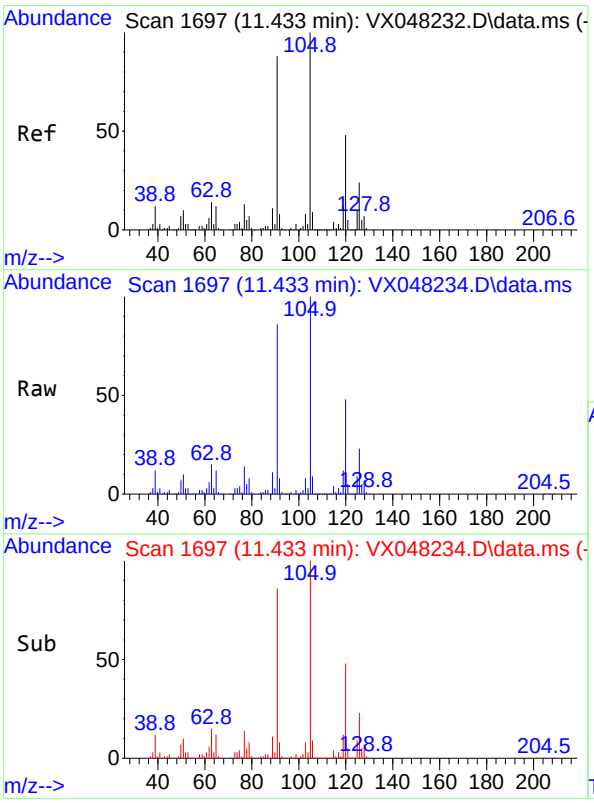
#79
2-Chlorotoluene
Concen: 151.532 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 585792

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.4

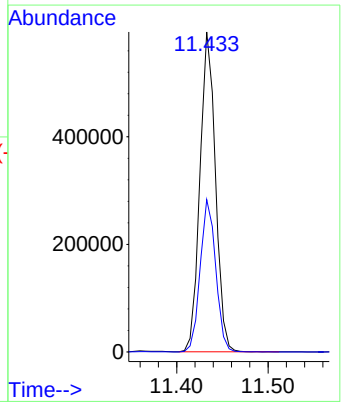


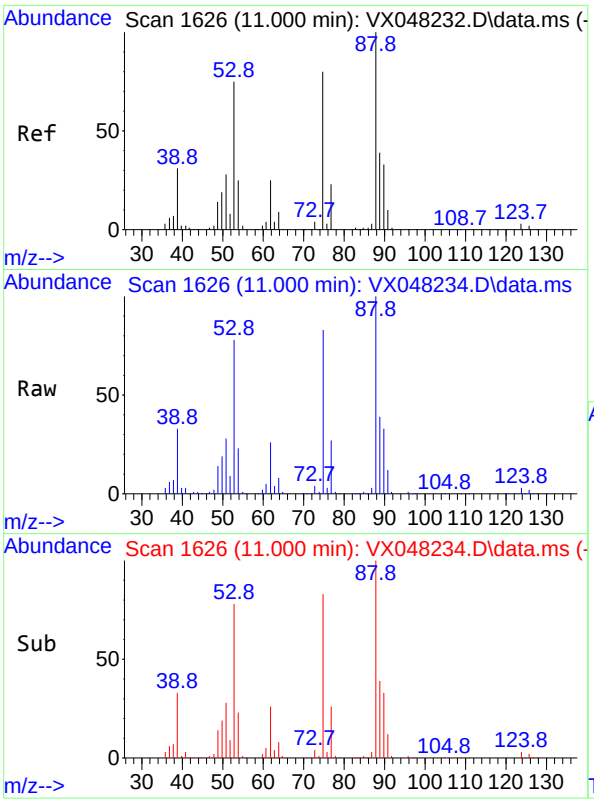


#80
1,3,5-Trimethylbenzene
Concen: 153.574 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 699885

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.0	72.0



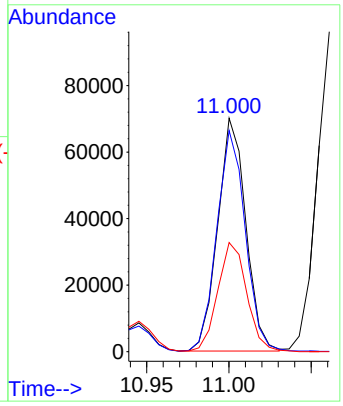


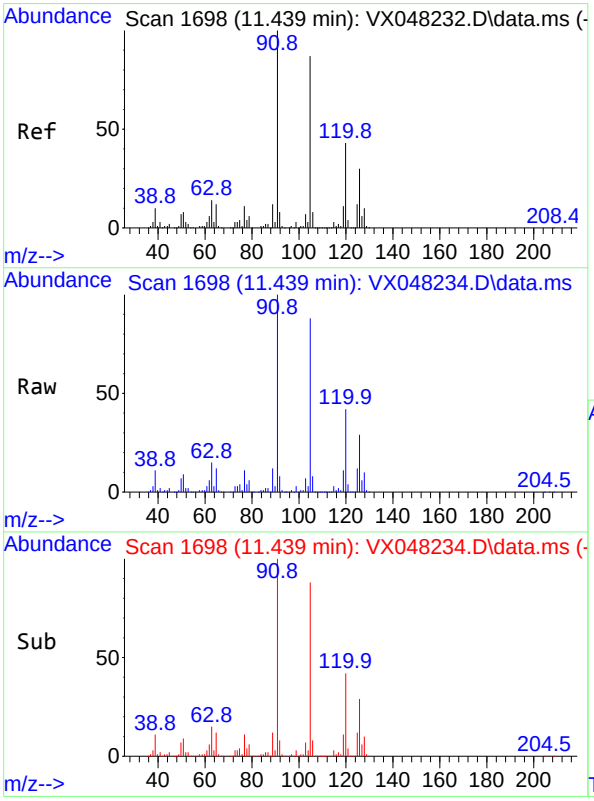
#81
trans-1,4-Dichloro-2-butene
Concen: 165.469 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 83158

Ion	Ratio	Lower	Upper
75	100		
53	96.5	79.5	119.3
89	48.6	36.8	55.2

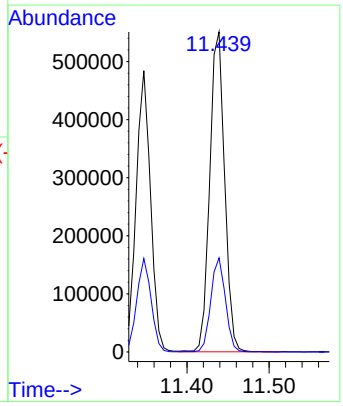


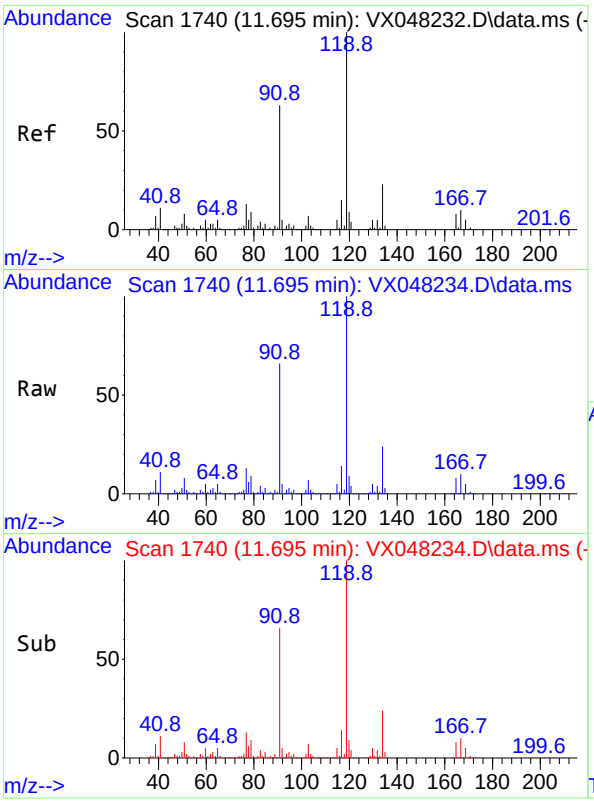


#82
4-Chlorotoluene
Concen: 150.773 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.1	42.4



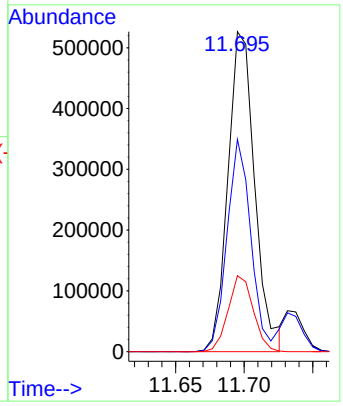


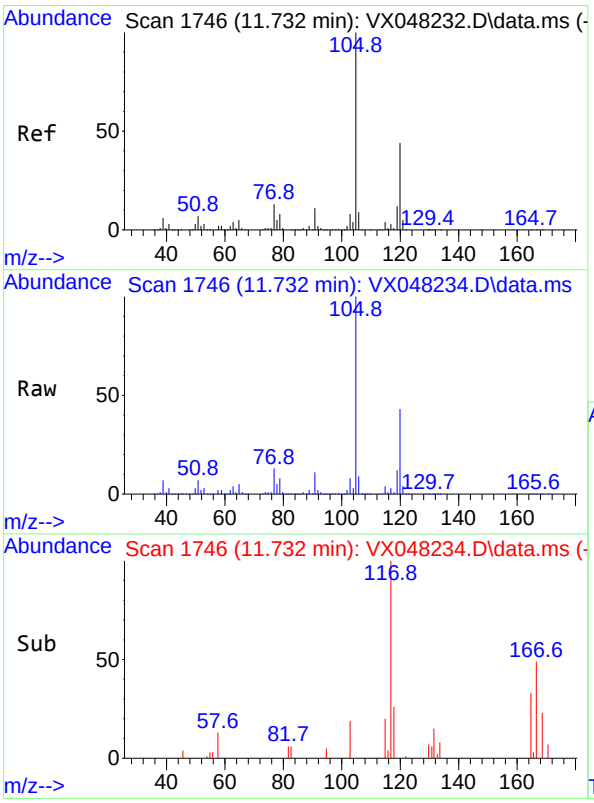
#83
tert-Butylbenzene
Concen: 153.261 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 717642

Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.3	91.0
134	22.3	11.4	34.2

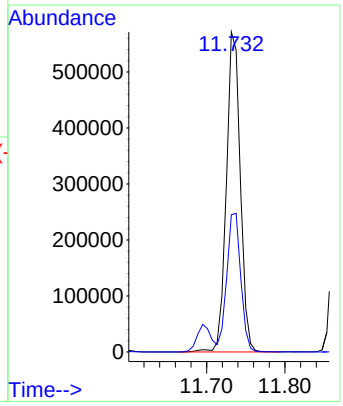


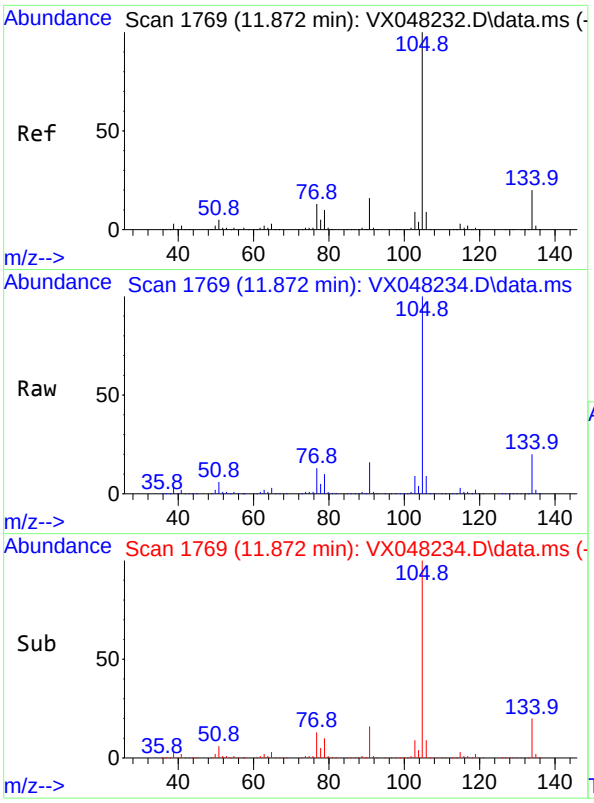


#84
1,2,4-Trimethylbenzene
Concen: 155.464 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5



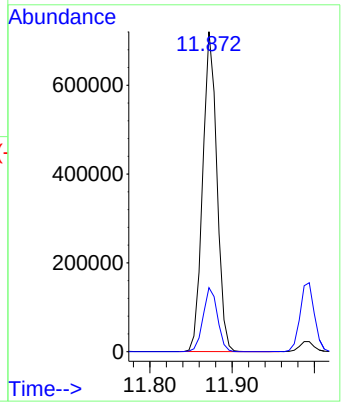


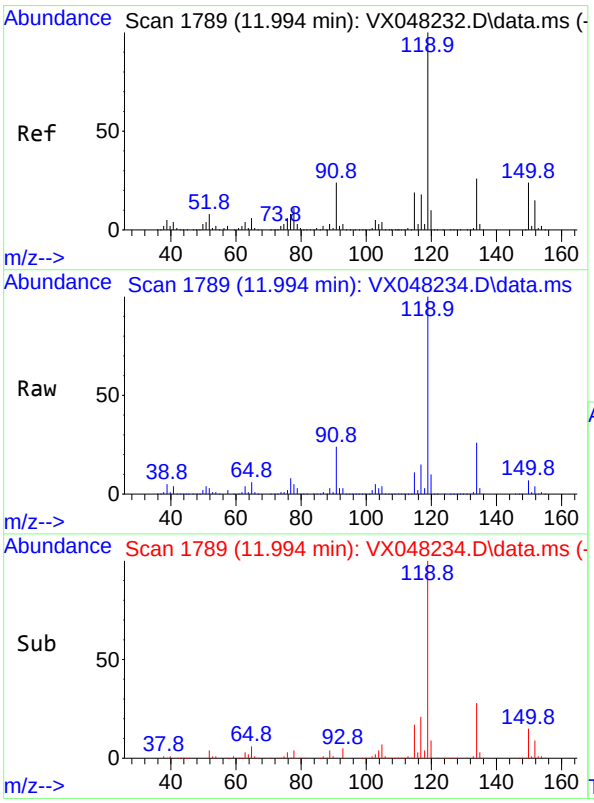
#85
sec-Butylbenzene
Concen: 152.918 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 861466

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1

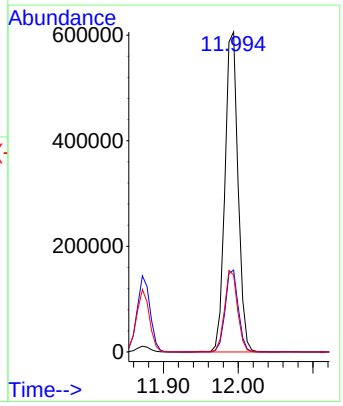


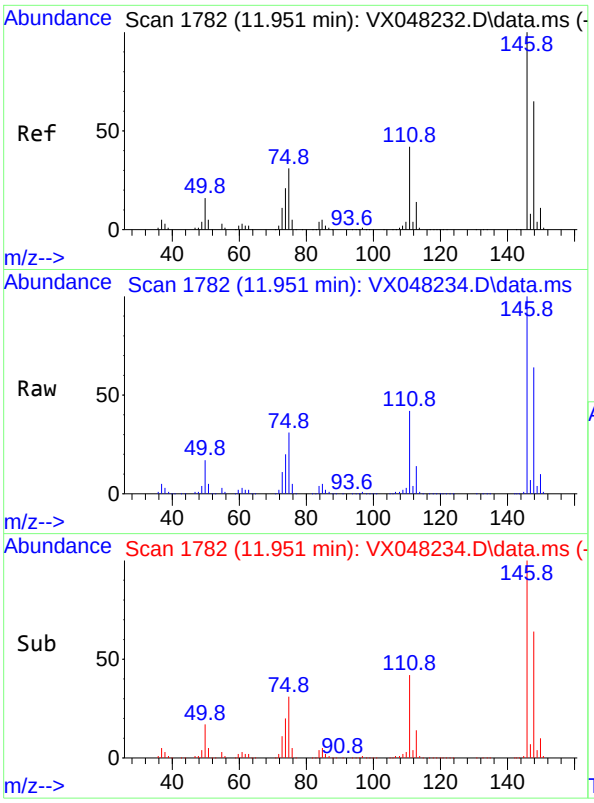


#86
p-Isopropyltoluene
Concen: 151.662 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:119 Resp: 738496

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.1	12.1	36.3



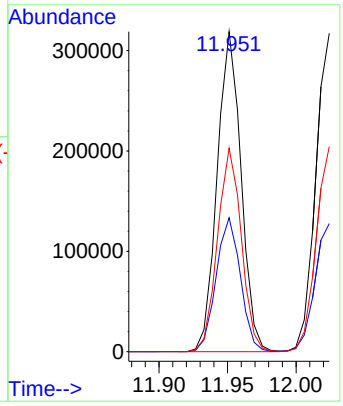


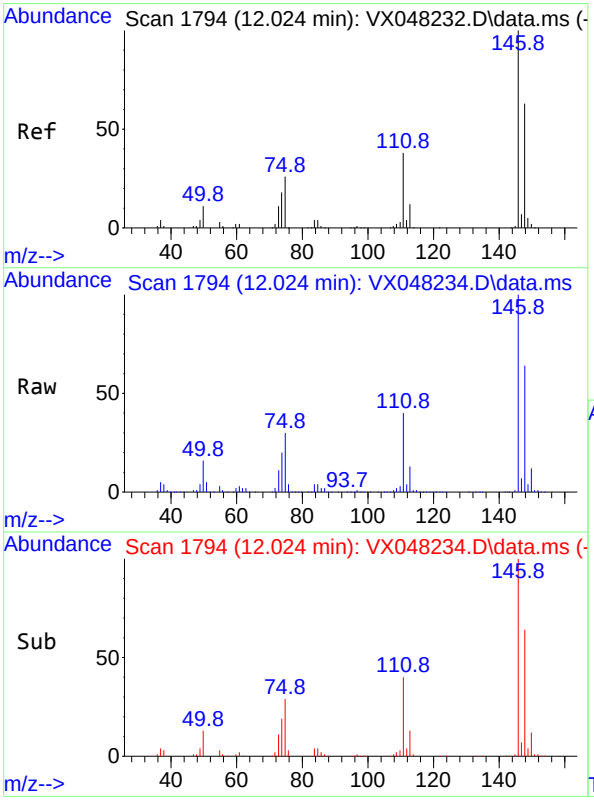
#87
1,3-Dichlorobenzene
Concen: 148.308 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 386062

Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	63.5	31.9	95.9

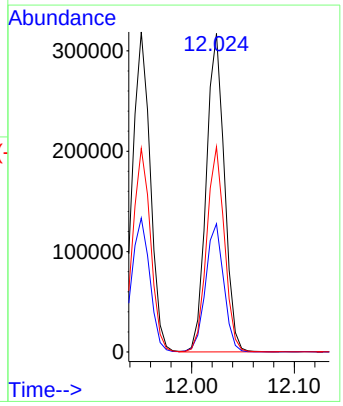


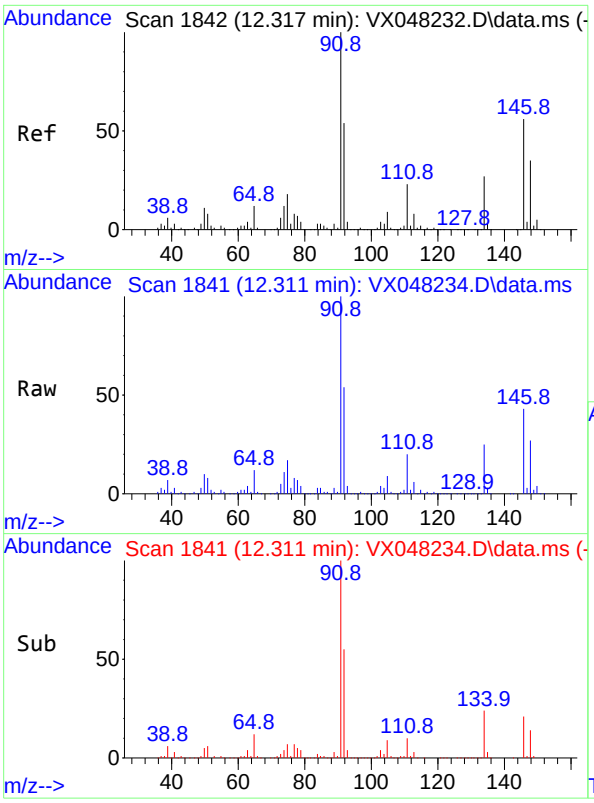


#88
1,4-Dichlorobenzene
Concen: 143.466 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:146 Resp: 386885

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.4	31.8	95.3



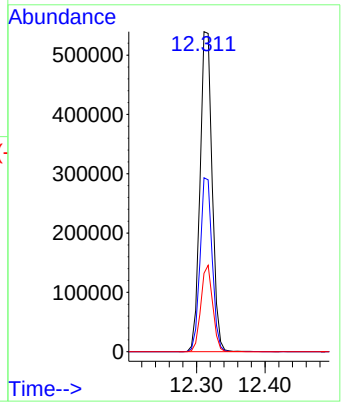


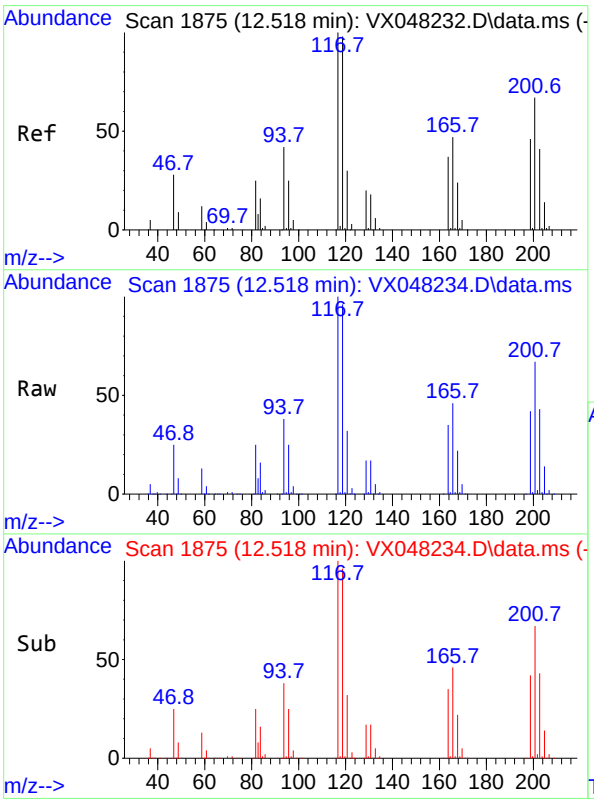
#89
n-Butylbenzene
Concen: 149.834 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 664071

Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.6
134	26.3	12.7	38.1

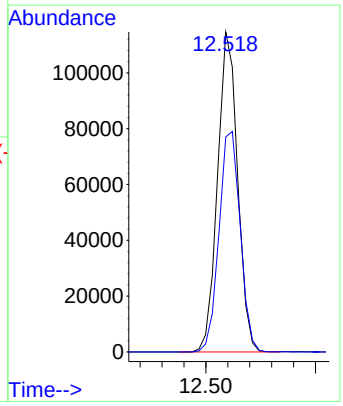


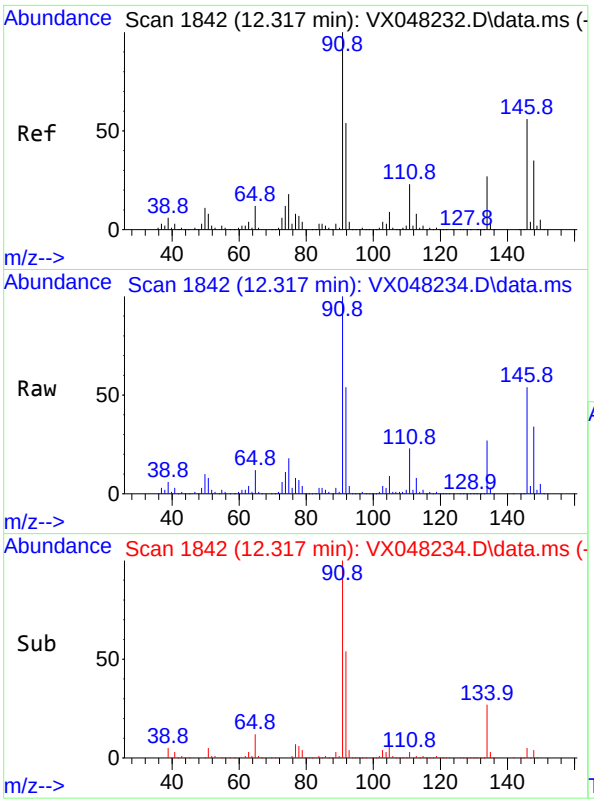


#90
Hexachloroethane
Concen: 151.639 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:117 Resp: 145813

Ion	Ratio	Lower	Upper
117	100		
201	73.0	34.1	102.2



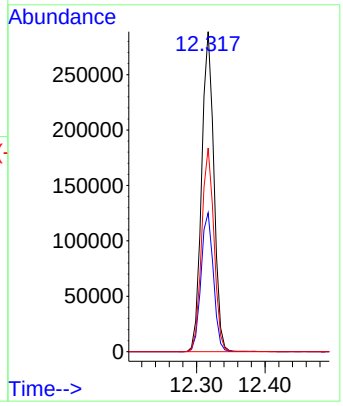


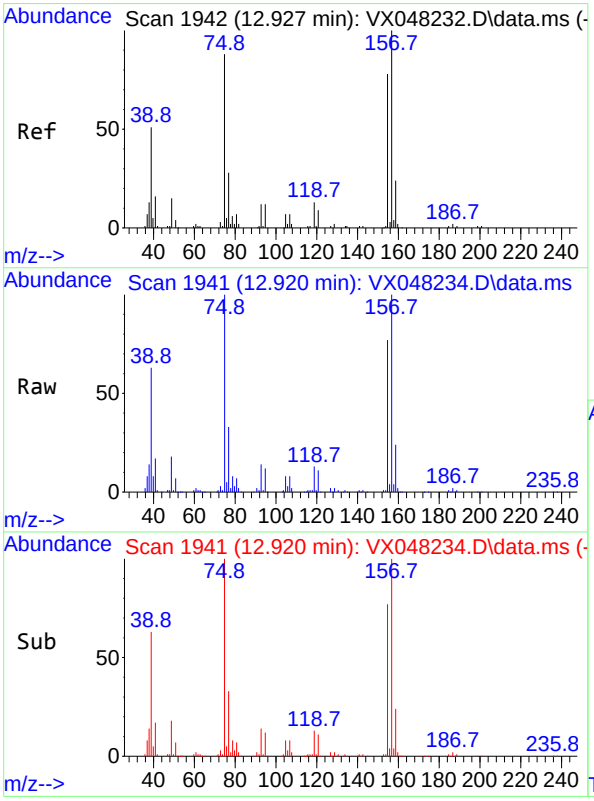
#91
1,2-Dichlorobenzene
Concen: 147.003 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 359278

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.5
148	64.4	31.9	95.5

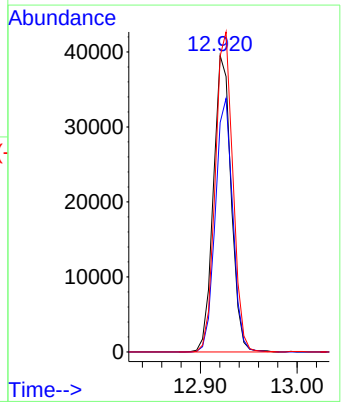


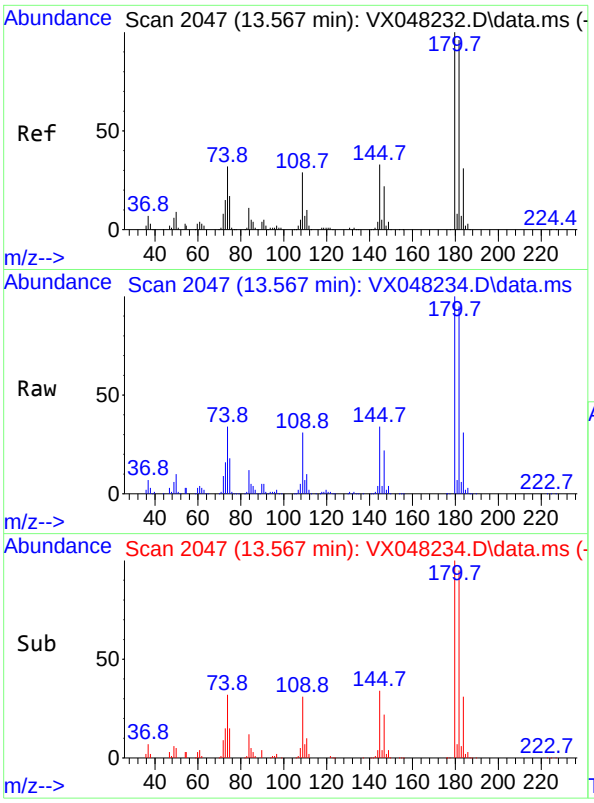


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.993 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 50367

Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.8	128.4
157	106.9	54.2	162.6



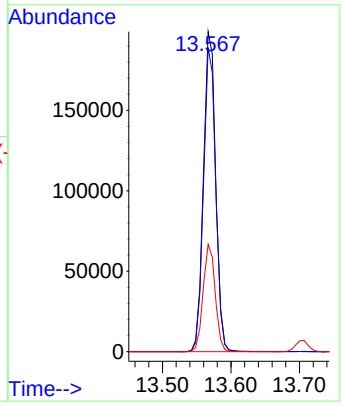


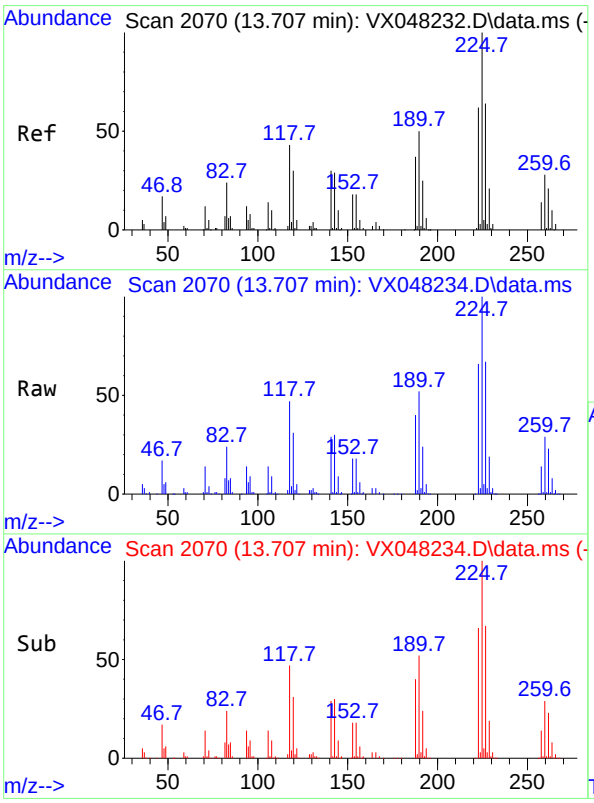
#93
1,2,4-Trichlorobenzene
Concen: 149.729 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 247472

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	33.2	16.3	48.9

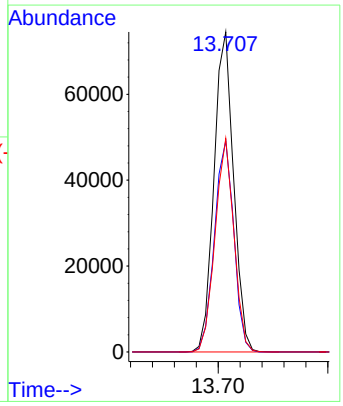


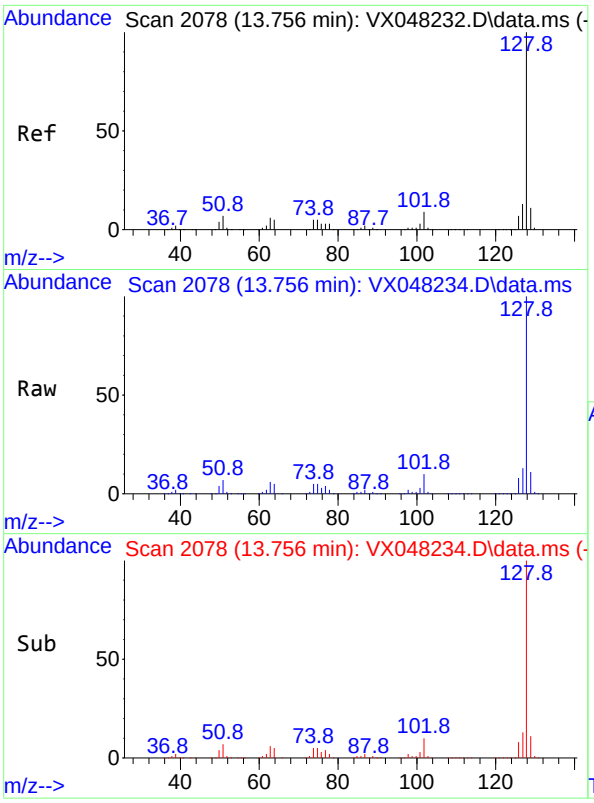


#94
Hexachlorobutadiene
Concen: 149.152 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:225 Resp: 92458

Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.6	97.7
227	64.3	32.5	97.4



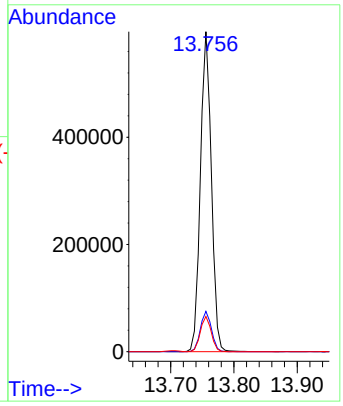


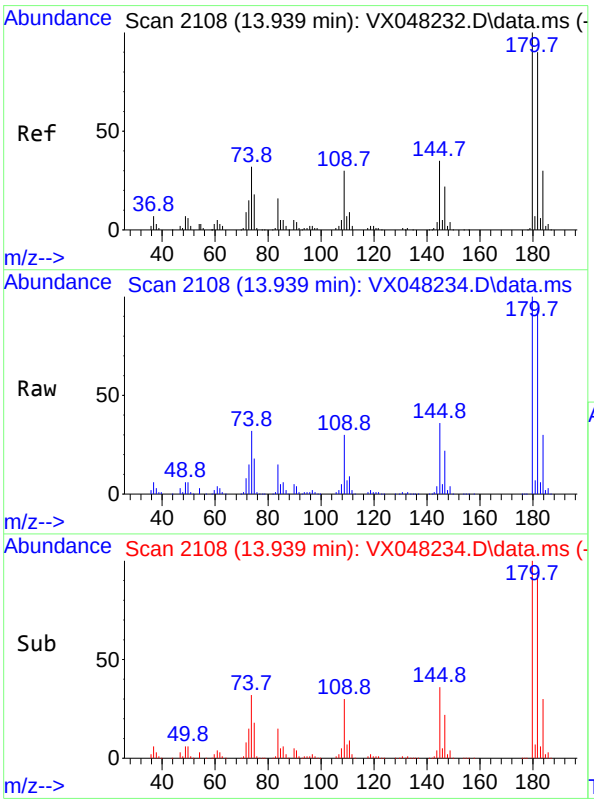
#95
Naphthalene
Concen: 164.296 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 719433

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8

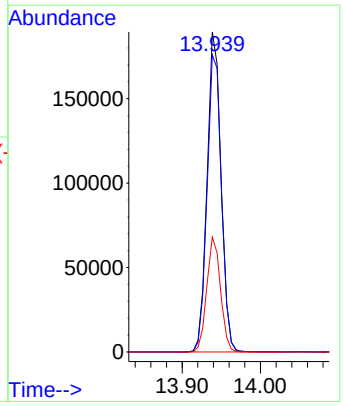




#96
1,2,3-Trichlorobenzene
Concen: 154.069 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:180 Resp: 233671

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	35.4	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	138374	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	228619	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	208481	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105998	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.940	65	10036	5.173	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 10.340%#				
35) Dibromofluoromethane	5.379	113	7733	4.955	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 9.900%#				
50) Toluene-d8	8.634	98	27914	5.102	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 10.200%#				
62) 4-Bromofluorobenzene	11.067	95	11429	5.492	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 10.980%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.172	85	7219	5.075	ug/l		93
3) Chloromethane	1.300	50	7032	5.296	ug/l		95
4) Vinyl Chloride	1.380	62	6338	5.155	ug/l		98
5) Bromomethane	1.611	94	4789	5.739	ug/l		99
6) Chloroethane	1.691	64	3610	4.997	ug/l		99
7) Trichlorofluoromethane	1.898	101	12170	5.161	ug/l		96
8) Diethyl Ether	2.136	74	3283	4.948	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.337	101	7656	5.127	ug/l		92
10) Methyl Iodide	2.453	142	7871	4.193	ug/l		98
11) Tert butyl alcohol	2.940	59	5994	31.117	ug/l	#	80
12) 1,1-Dichloroethene	2.325	96	7107	4.892	ug/l		91
13) Acrolein	2.233	56	5456	27.772	ug/l		96
14) Allyl chloride	2.666	41	11531	4.781	ug/l		96
15) Acrylonitrile	3.062	53	16982	24.449	ug/l		97
16) Acetone	2.373	43	18141	27.256	ug/l		100
17) Carbon Disulfide	2.520	76	23369	5.104	ug/l		96
18) Methyl Acetate	2.703	43	6418	4.617	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	22931	4.627	ug/l		97
20) Methylene Chloride	2.788	84	8228	5.074	ug/l	#	81
21) trans-1,2-Dichloroethene	3.093	96	8343	5.228	ug/l		94
22) Diisopropyl ether	3.757	45	23533	4.892	ug/l	#	97
23) Vinyl Acetate	3.721	43	91771	23.881	ug/l	#	90
24) 1,1-Dichloroethane	3.605	63	14582	5.013	ug/l	#	97
25) 2-Butanone	4.550	43	21808	25.887	ug/l	#	89
26) 2,2-Dichloropropane	4.471	77	13077	4.981	ug/l		99
27) cis-1,2-Dichloroethene	4.483	96	9312	5.000	ug/l		96
28) Bromochloromethane	4.885	49	6488	5.379	ug/l	#	89
29) Tetrahydrofuran	4.995	42	12637	25.047	ug/l		98
30) Chloroform	5.086	83	15814	5.089	ug/l		96
31) Cyclohexane	5.458	56	11661	4.842	ug/l		98
32) 1,1,1-Trichloroethane	5.367	97	14399	5.027	ug/l		98
36) 1,1-Dichloropropene	5.684	75	10855	4.893	ug/l		99
37) Ethyl Acetate	4.702	43	7759	4.220	ug/l	#	75
38) Carbon Tetrachloride	5.672	117	14225	5.198	ug/l	#	81
39) Methylcyclohexane	7.366	83	13491	5.149	ug/l		97
40) Benzene	6.031	78	32115	4.986	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.910	41	2340	2.423 ug/l #	38
42) 1,2-Dichloroethane	6.074	62	11412	4.802 ug/l	100
43) Isopropyl Acetate	6.330	43	13996	4.634 ug/l #	93
44) Trichloroethene	7.110	130	8373	4.923 ug/l	93
45) 1,2-Dichloropropane	7.415	63	7709	5.034 ug/l	99
46) Dibromomethane	7.568	93	6041	5.064 ug/l	91
47) Bromodichloromethane	7.811	83	12974	5.037 ug/l	97
48) Methyl methacrylate	7.683	41	6863	4.503 ug/l	94
49) 1,4-Dioxane	7.659	88	2020	100.322 ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	42725	24.534 ug/l	97
52) Toluene	8.708	92	21137	5.166 ug/l	97
53) t-1,3-Dichloropropene	8.964	75	12015	4.840 ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	12702	4.743 ug/l	90
55) 1,1,2-Trichloroethane	9.140	97	8113	5.332 ug/l	91
56) Ethyl methacrylate	9.104	69	10320	4.637 ug/l	94
57) 1,3-Dichloropropane	9.293	76	13087	5.035 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	20764	18.931 ug/l	98
59) 2-Hexanone	9.415	43	30949	25.488 ug/l	96
60) Dibromochloromethane	9.506	129	10082	4.930 ug/l	99
61) 1,2-Dibromoethane	9.592	107	8079	4.980 ug/l	100
64) Tetrachloroethene	9.256	164	8020	5.153 ug/l	92
65) Chlorobenzene	10.061	112	23873	5.090 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	8450	4.905 ug/l	98
67) Ethyl Benzene	10.177	91	39121	4.899 ug/l	96
68) m/p-Xylenes	10.287	106	30310	10.217 ug/l	97
69) o-Xylene	10.628	106	14262	4.979 ug/l	98
70) Styrene	10.640	104	24289	4.980 ug/l	98
71) Bromoform	10.780	173	6766	4.915 ug/l #	96
73) Isopropylbenzene	10.945	105	37935	4.900 ug/l	99
74) N-amyl acetate	10.829	43	12188	4.438 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	10324	4.883 ug/l	98
76) 1,2,3-Trichloropropane	11.225	75	10217	5.944 ug/l	91
77) Bromobenzene	11.183	156	9508	4.898 ug/l	94
78) n-propylbenzene	11.286	91	44189	4.930 ug/l	99
79) 2-Chlorotoluene	11.347	91	26627	4.899 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	30618	4.779 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	3038	4.300 ug/l	96
82) 4-Chlorotoluene	11.439	91	31357	4.860 ug/l	97
83) tert-Butylbenzene	11.695	119	32297	4.906 ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	31709	4.959 ug/l	100
85) sec-Butylbenzene	11.872	105	39113	4.939 ug/l	99
86) p-Isopropyltoluene	11.994	119	34155	4.989 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	18546	5.068 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	18787	4.955 ug/l	91
89) n-Butylbenzene	12.317	91	30409	4.880 ug/l	99
90) Hexachloroethane	12.518	117	6863	5.077 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	16849	4.904 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1984	4.623 ug/l	98
93) 1,2,4-Trichlorobenzene	13.573	180	10538	4.535 ug/l	98
94) Hexachlorobutadiene	13.707	225	5113	5.931 ug/l	96
95) Naphthalene	13.756	128	26218	4.259 ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	10040	4.709 ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

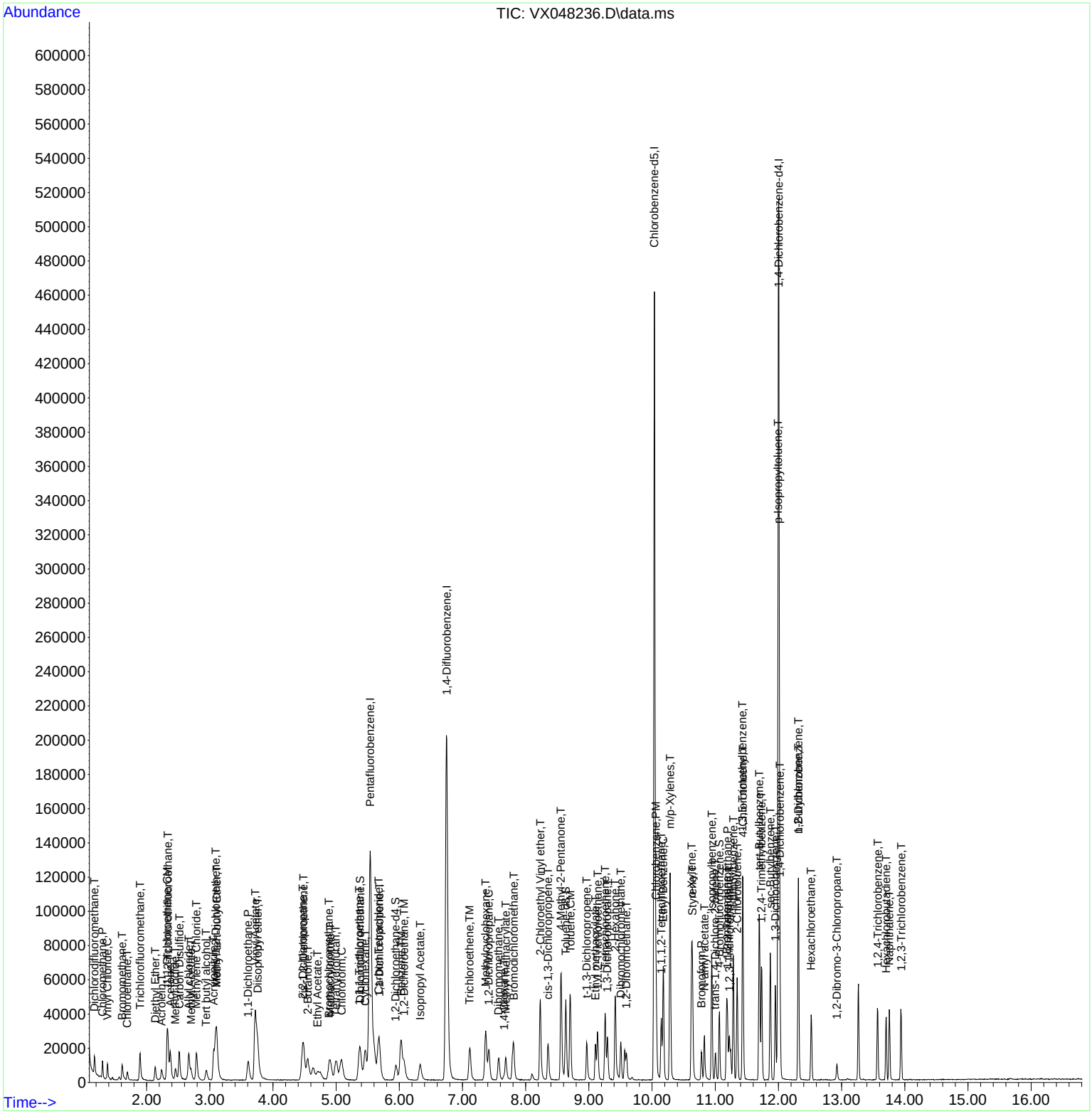
(#) = qualifier out of range (m) = manual integration (+) = signals summed

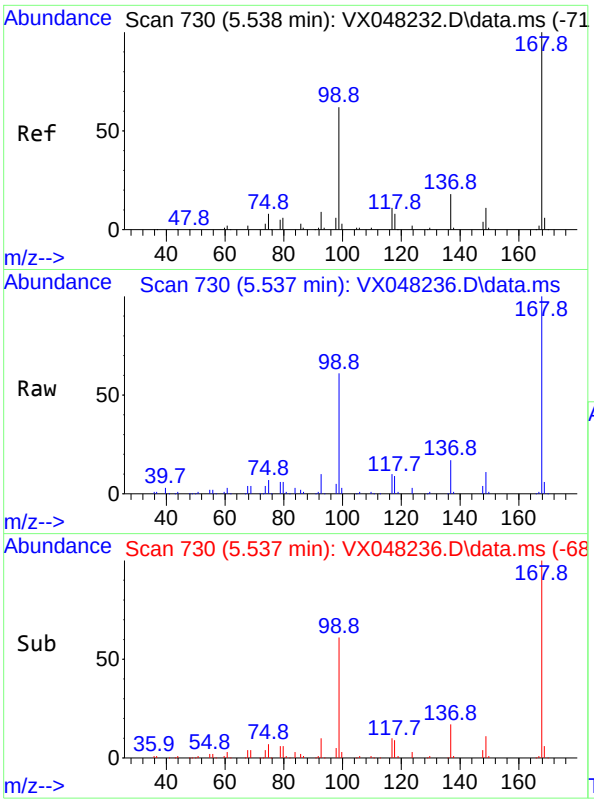
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048236.D
Acq On : 20 Oct 2025 13:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 25 03:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



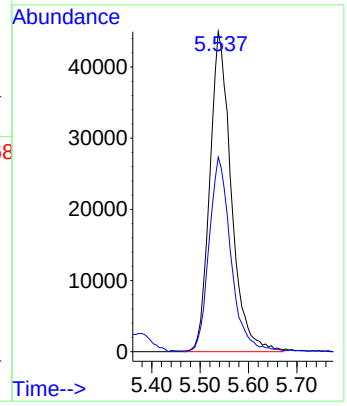


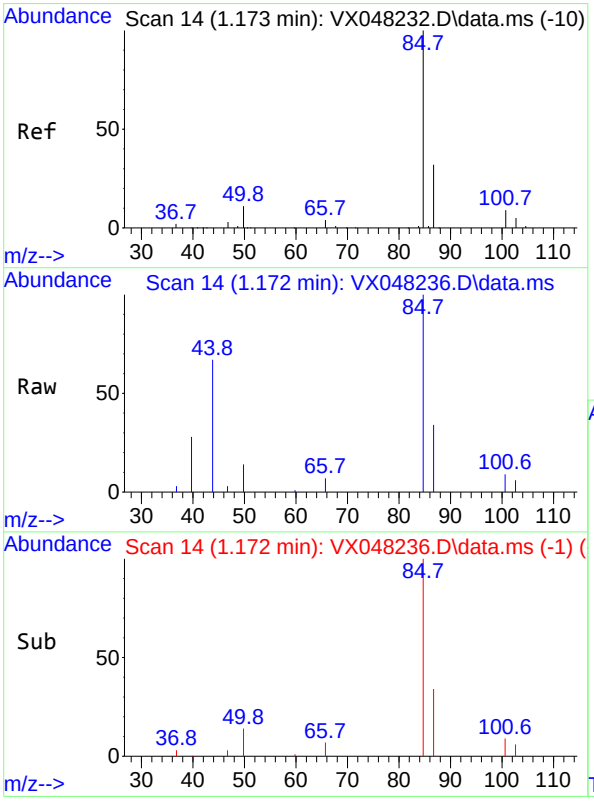
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 138374

Ion	Ratio	Lower	Upper
168	100		
99	60.5	46.4	69.6

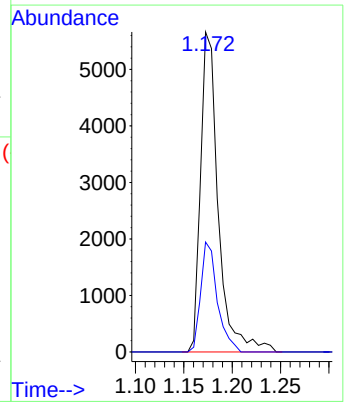


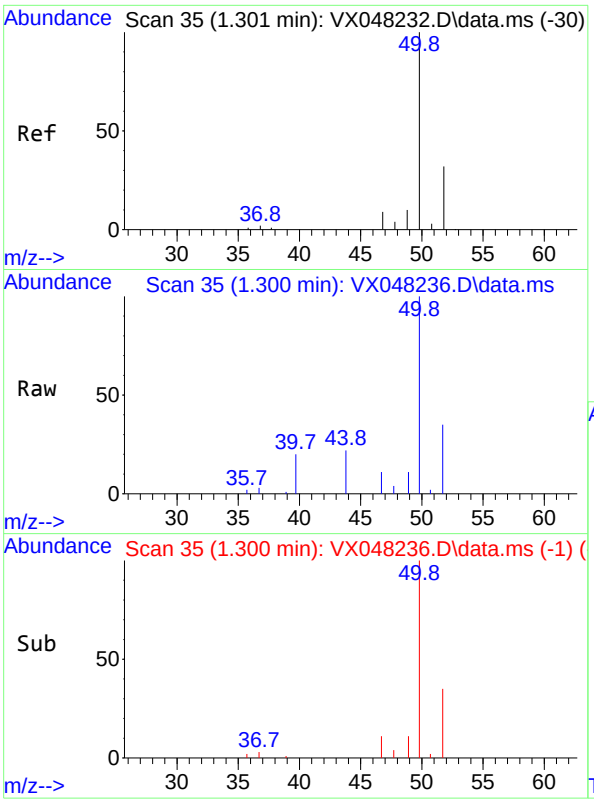


#2
Dichlorodifluoromethane
Concen: 5.075 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 85 Resp: 7219

Ion	Ratio	Lower	Upper
85	100		
87	34.3	15.3	45.9



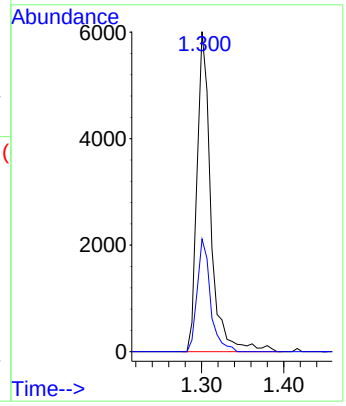


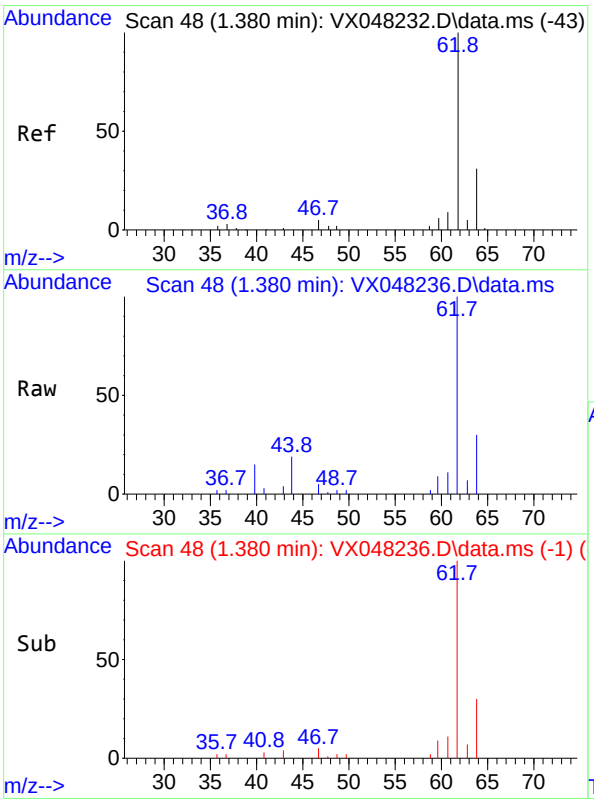
#3
Chloromethane
Concen: 5.296 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 7032

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.9	38.9

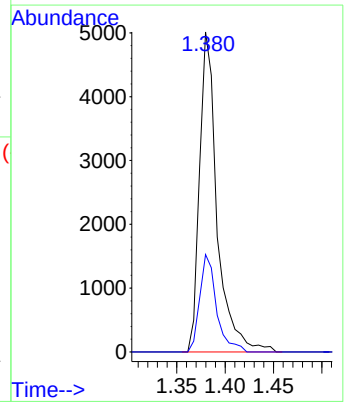


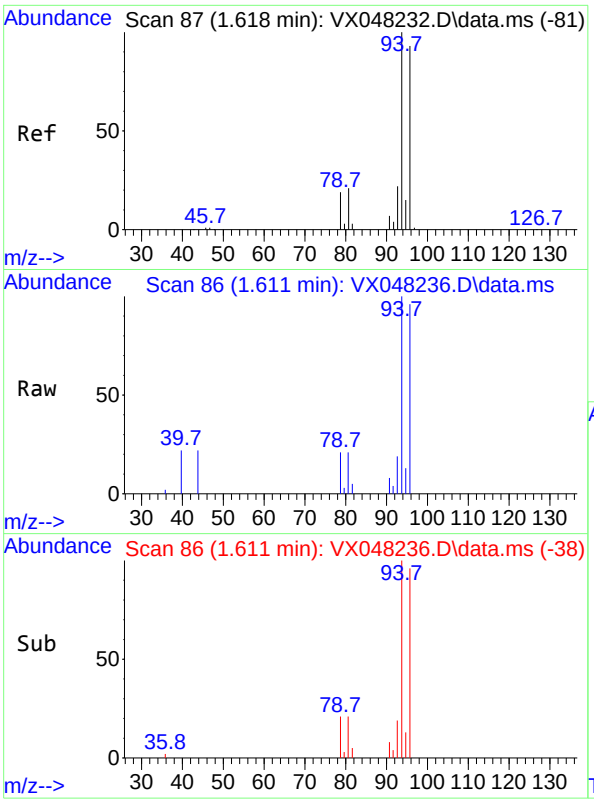


#4
Vinyl Chloride
Concen: 5.155 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 6338

Ion	Ratio	Lower	Upper
62	100		
64	30.5	25.1	37.7



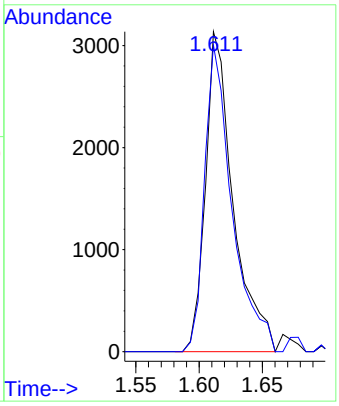


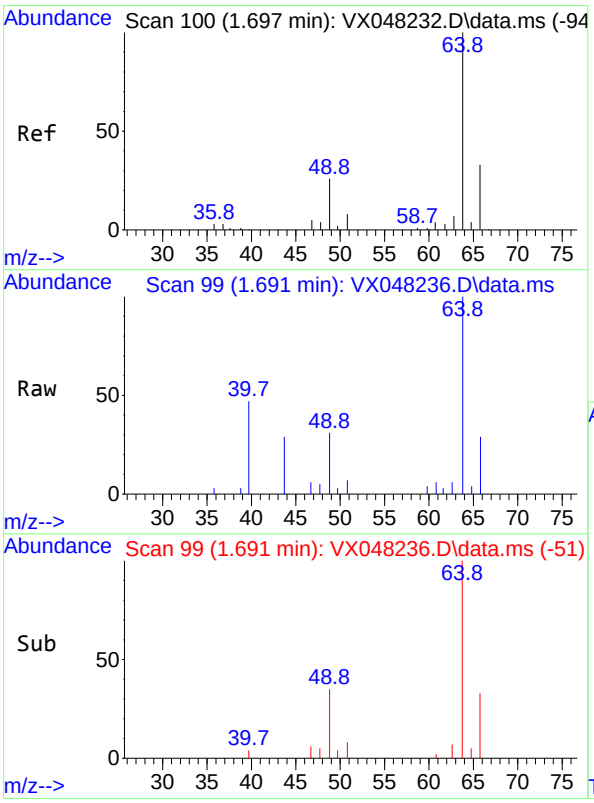
#5
Bromomethane
Concen: 5.739 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 4789

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.0	114.0

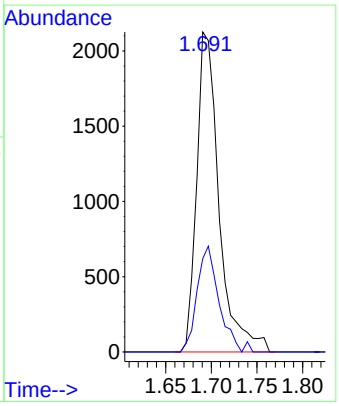


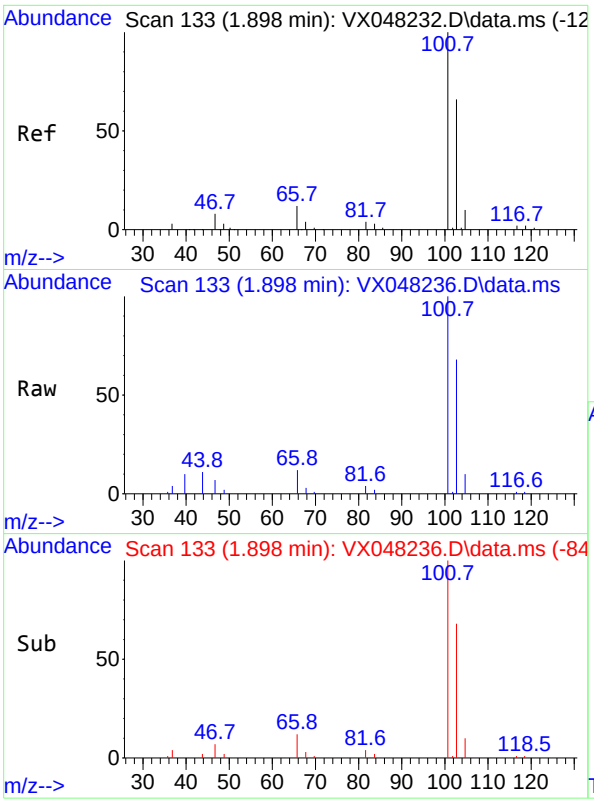


#6
Chloroethane
Concen: 4.997 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 64 Resp: 3610

Ion	Ratio	Lower	Upper
64	100		
66	29.2	23.9	35.9



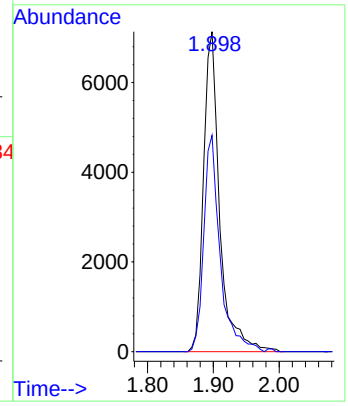


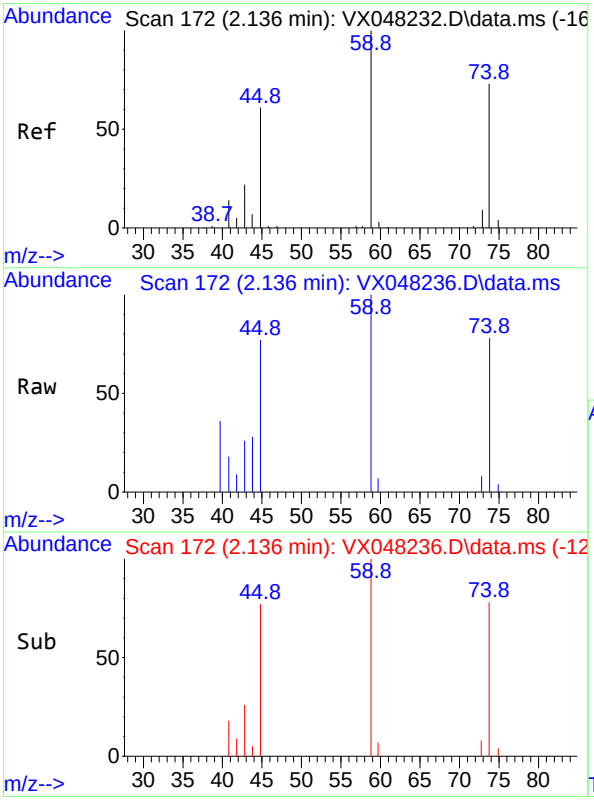
#7
Trichlorofluoromethane
Concen: 5.161 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 12170

Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.6	77.4

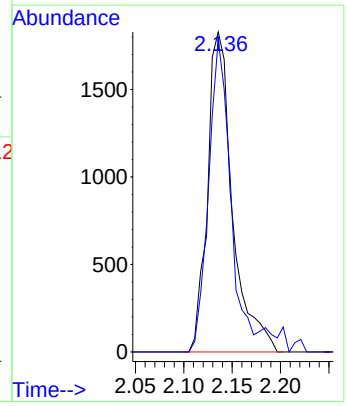


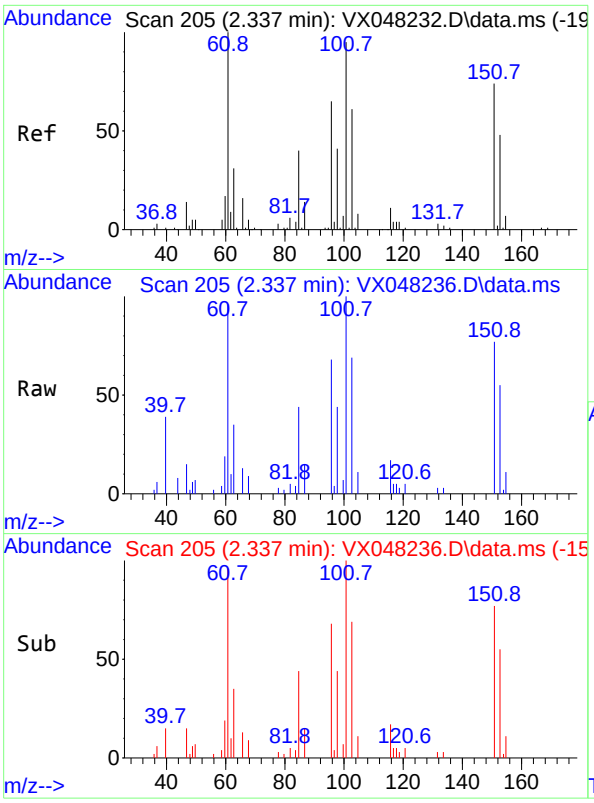


#8
Diethyl Ether
Concen: 4.948 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 74 Resp: 3283

Ion	Ratio	Lower	Upper
74	100		
45	86.7	50.0	149.8



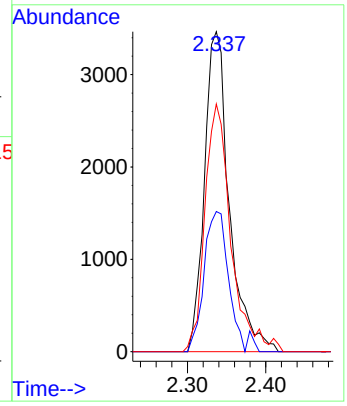


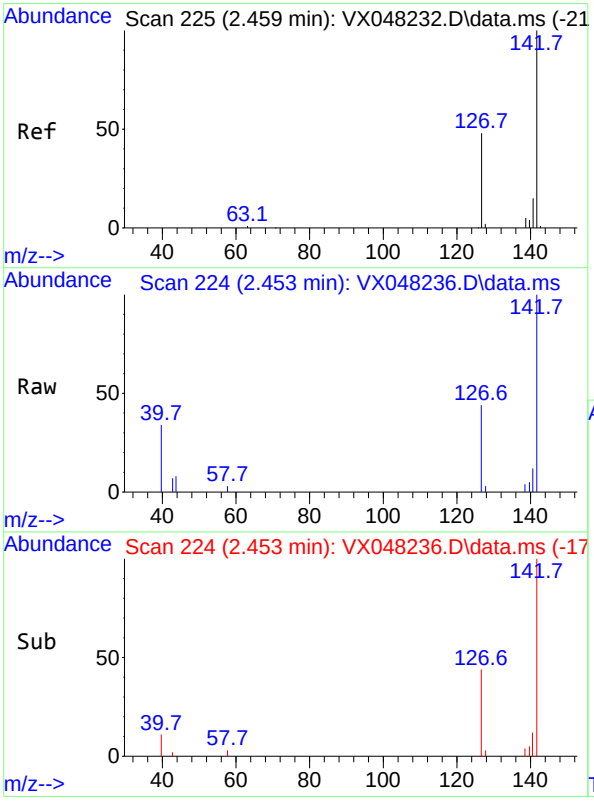
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.127 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 7656

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	81.0	58.0	87.0

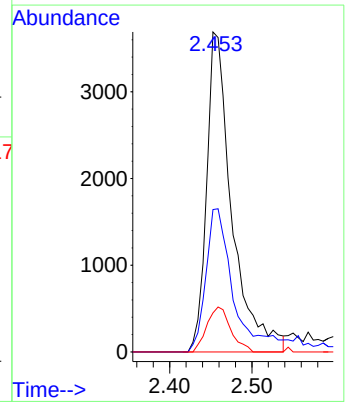


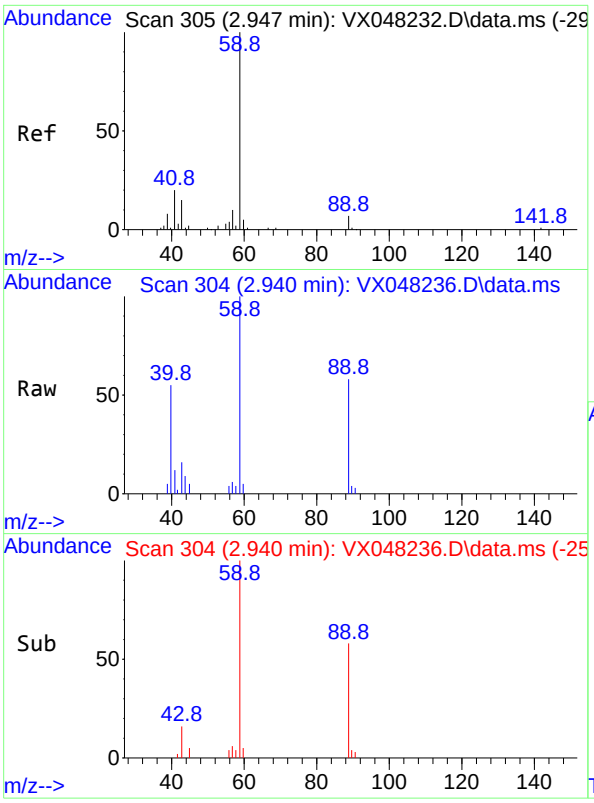


#10
Methyl Iodide
Concen: 4.193 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:142 Resp: 7871

Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	13.3	11.6	17.4



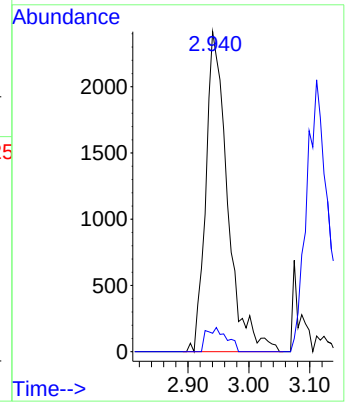


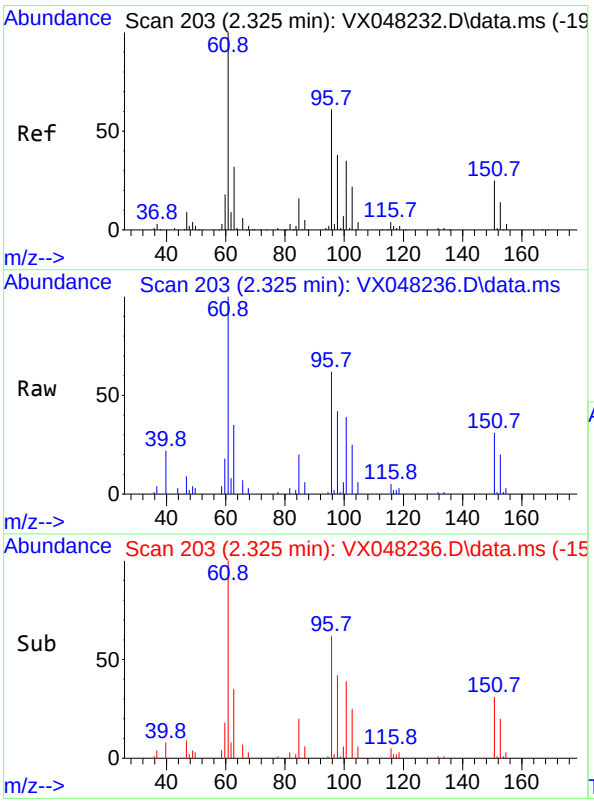
#11
Tert butyl alcohol
Concen: 31.117 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 5994

Ion	Ratio	Lower	Upper
59	100		
57	2.8	8.2	12.4#

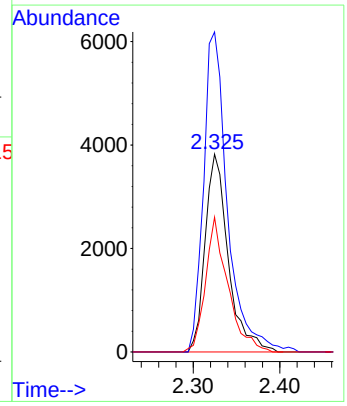


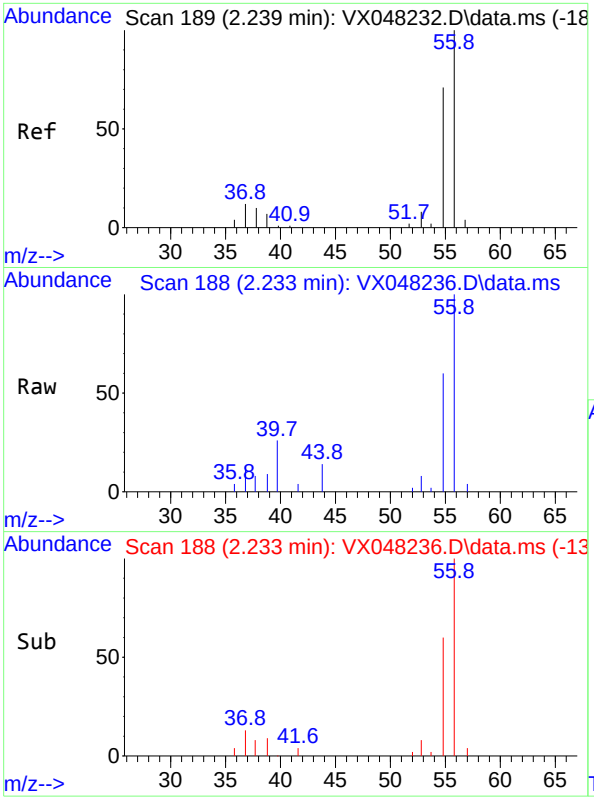


#12
1,1-Dichloroethene
Concen: 4.892 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 96 Resp: 7107

Ion	Ratio	Lower	Upper
96	100		
61	156.9	139.0	208.6
98	66.1	52.4	78.6



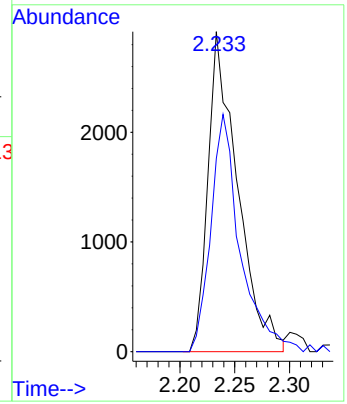


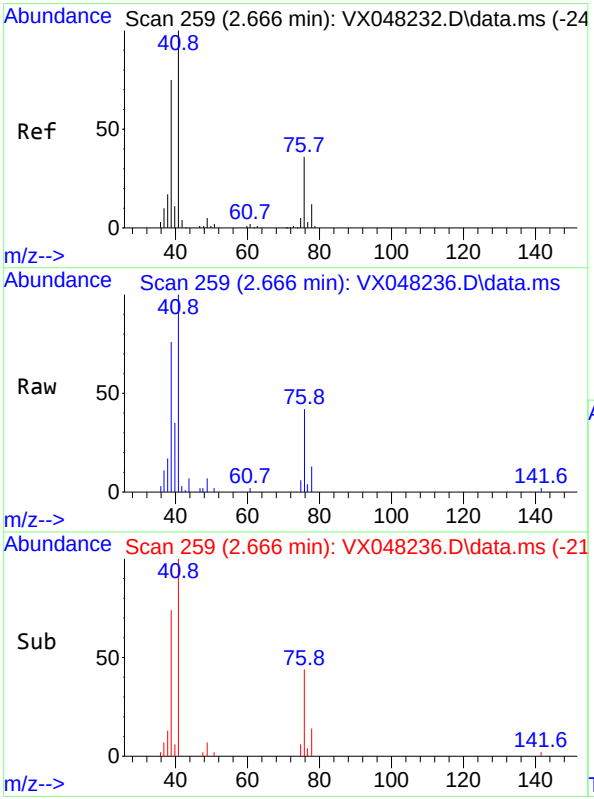
#13
Acrolein
Concen: 27.772 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5456

Ion	Ratio	Lower	Upper
56	100		
55	73.7	56.1	84.1

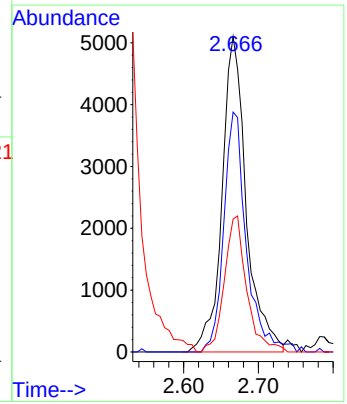


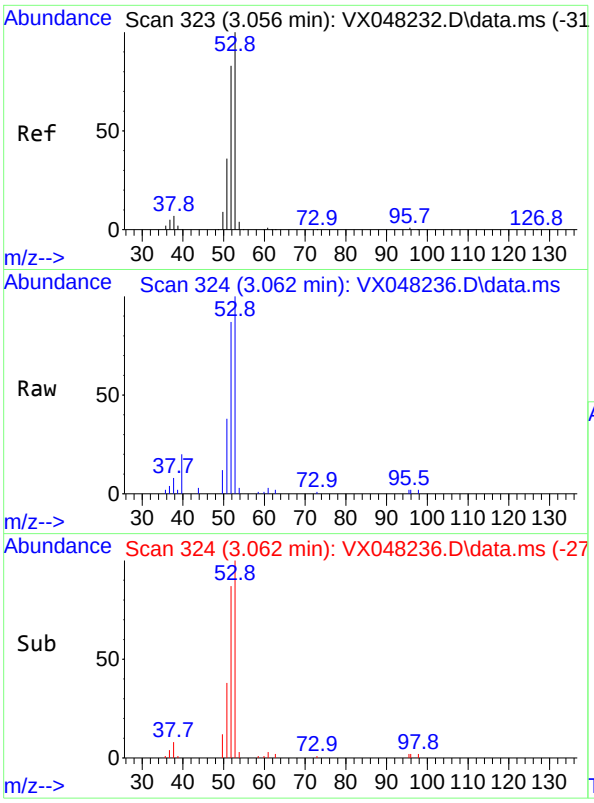


#14
Allyl chloride
Concen: 4.781 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 11531

Ion	Ratio	Lower	Upper
41	100		
39	71.2	56.0	84.0
76	39.7	27.5	41.3



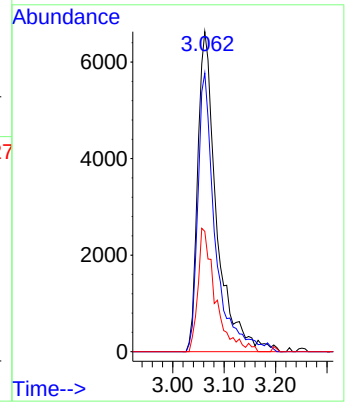


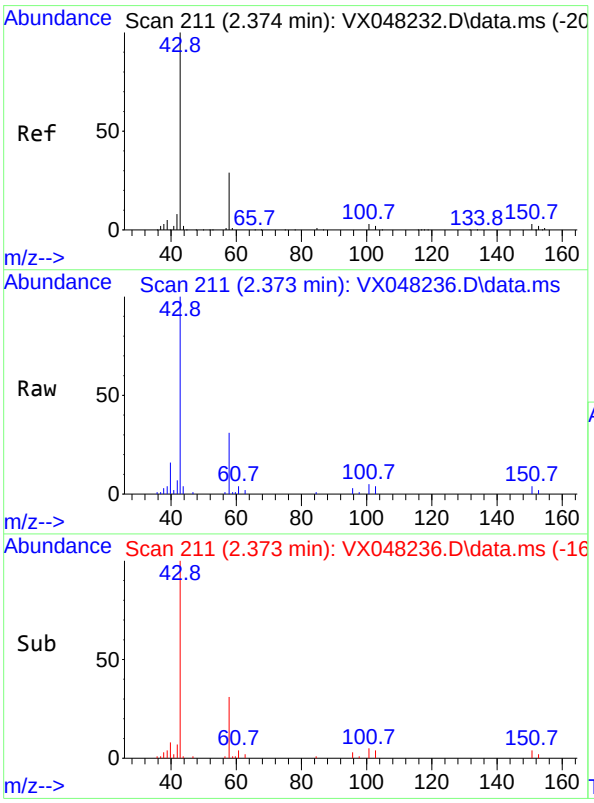
#15
Acrylonitrile
Concen: 24.449 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 16982

Ion	Ratio	Lower	Upper
53	100		
52	80.1	66.1	99.1
51	34.9	29.0	43.4

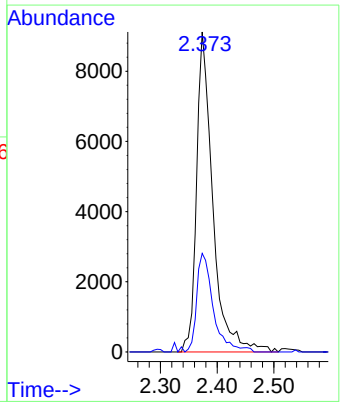


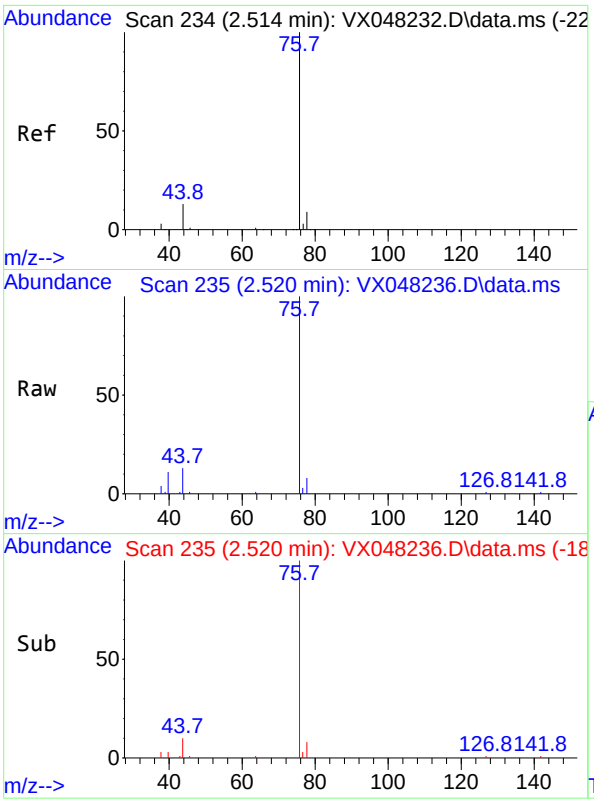


#16
Acetone
Concen: 27.256 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 18141

Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.4	35.2



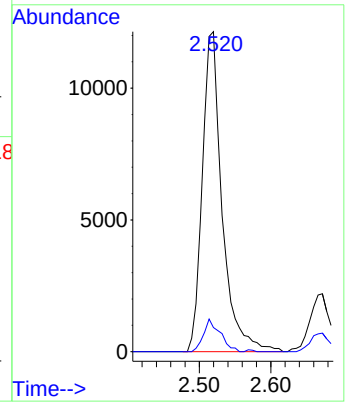


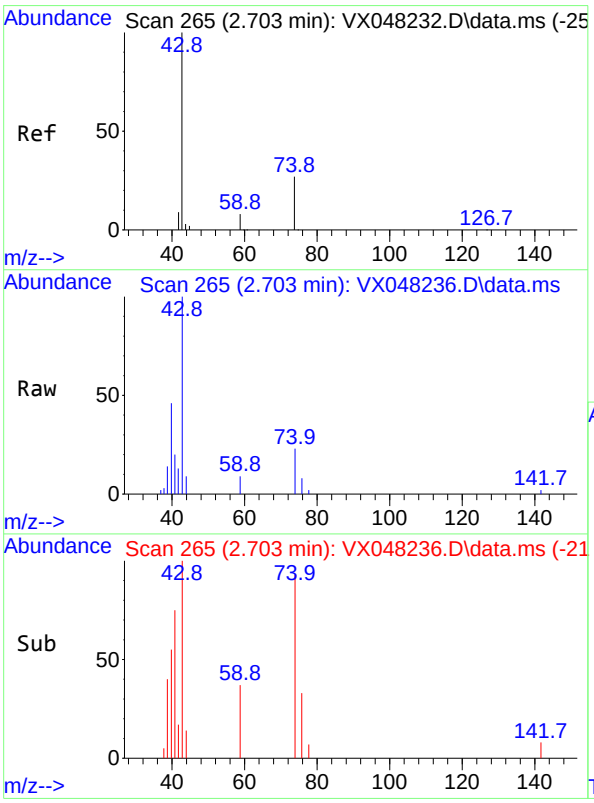
#17
Carbon Disulfide
Concen: 5.104 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 23369

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.1	10.7

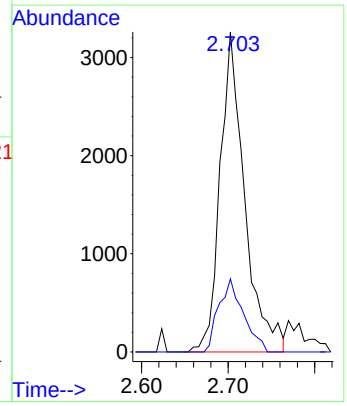


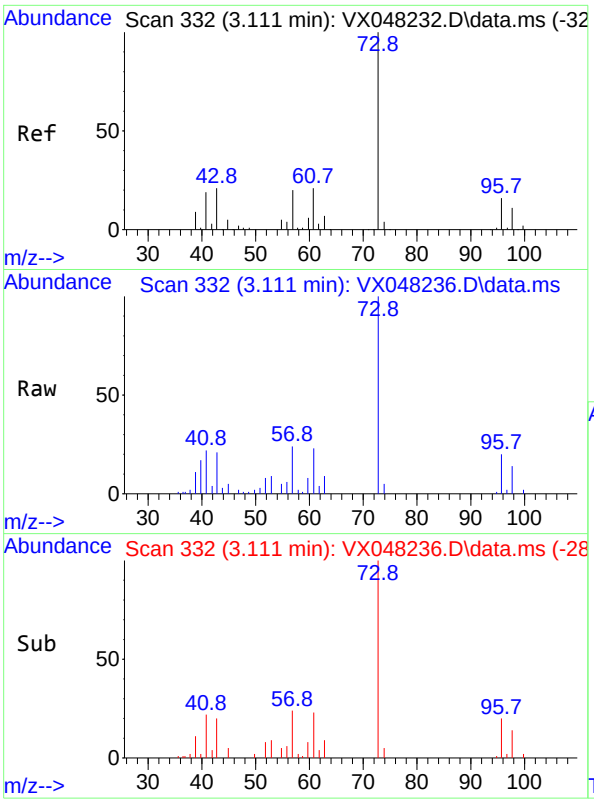


#18
Methyl Acetate
Concen: 4.617 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 6418

Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.5	26.3



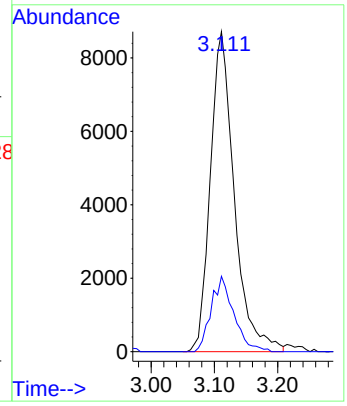


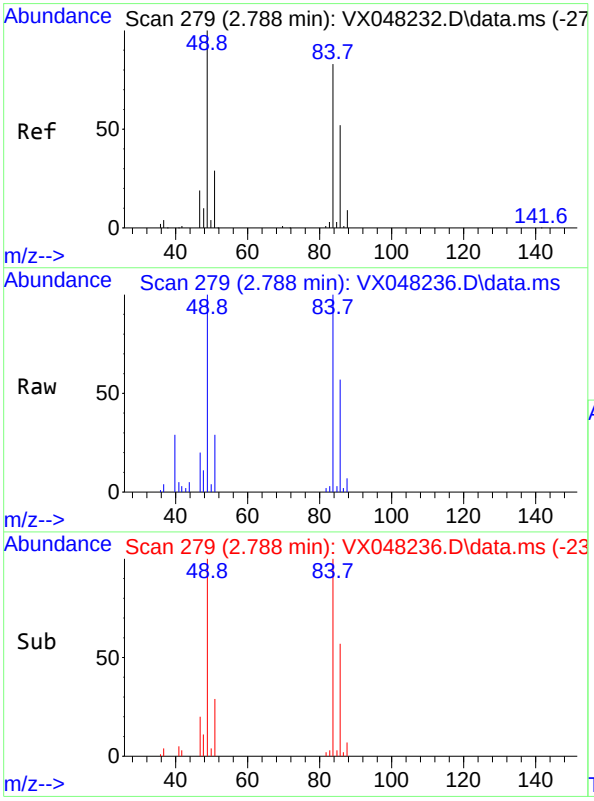
#19
Methyl tert-butyl Ether
Concen: 4.627 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 22931

Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.7	26.5

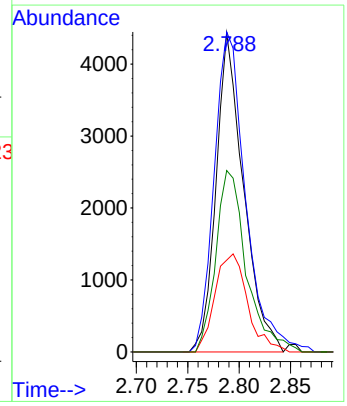


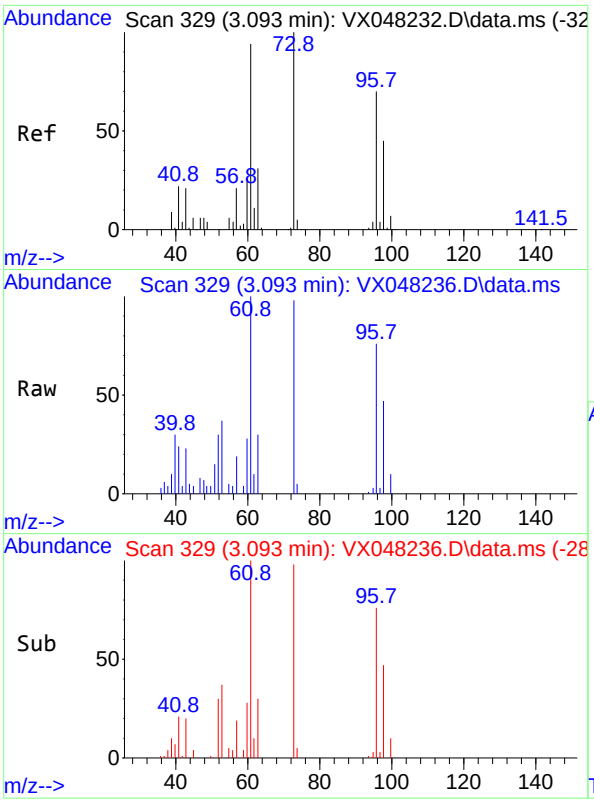


#20
Methylene Chloride
Concen: 5.074 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 84 Resp: 8228

Ion	Ratio	Lower	Upper
84	100		
49	100.4	104.1	156.1#
51	28.8	31.3	46.9#
86	58.6	51.3	76.9



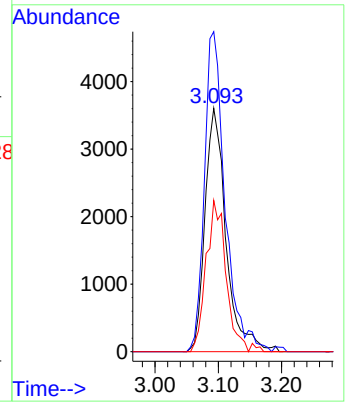


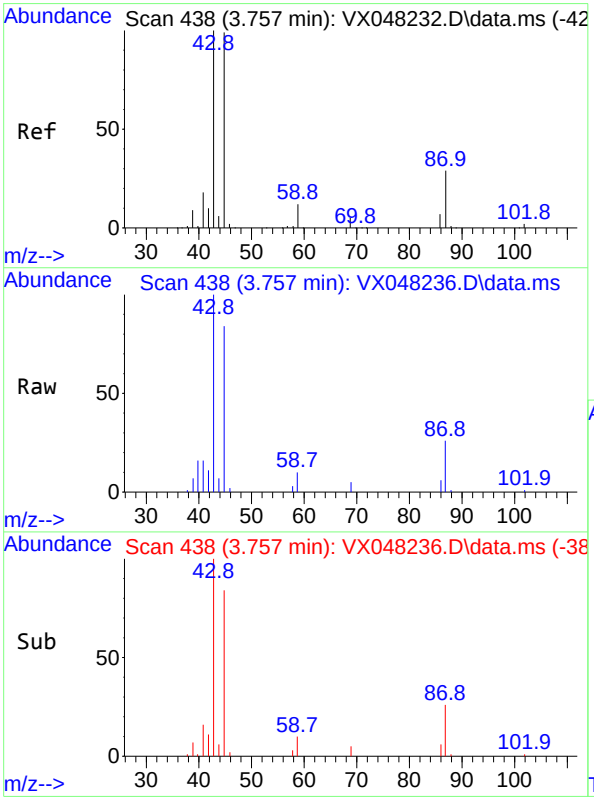
#21
trans-1,2-Dichloroethene
Concen: 5.228 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 8343

Ion	Ratio	Lower	Upper
96	100		
61	131.5	111.9	167.9
98	62.1	51.2	76.8

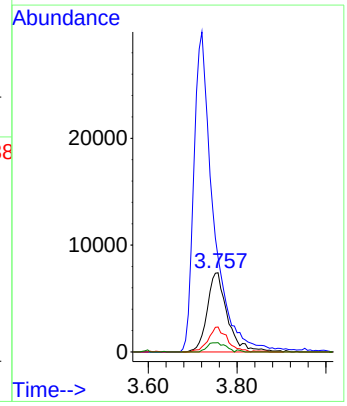


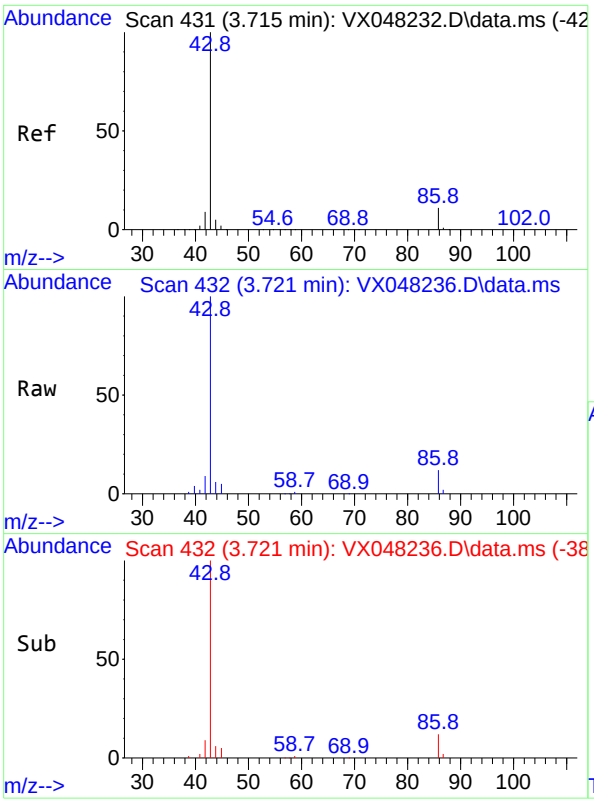


#22
Diisopropyl ether
Concen: 4.892 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 45 Resp: 23533

Ion	Ratio	Lower	Upper
45	100		
43	113.3	89.8	134.8
87	31.5	20.6	31.0#
59	11.7	9.1	13.7



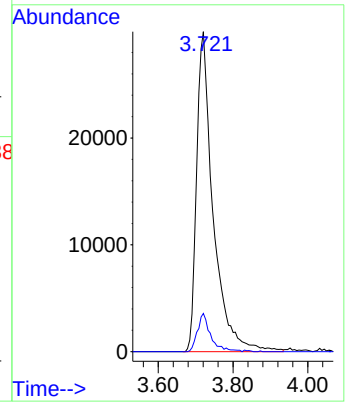


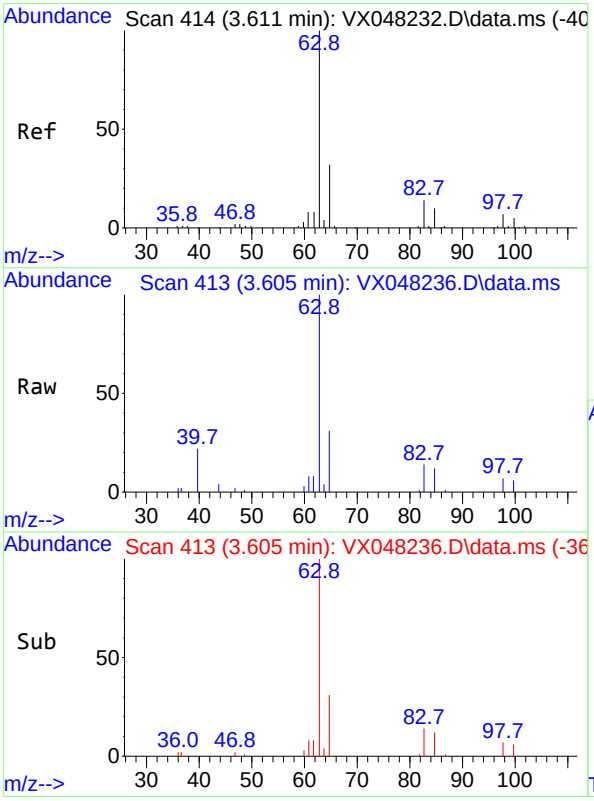
#23
Vinyl Acetate
Concen: 23.881 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 91771

Ion	Ratio	Lower	Upper
43	100		
86	13.5	7.9	11.9#

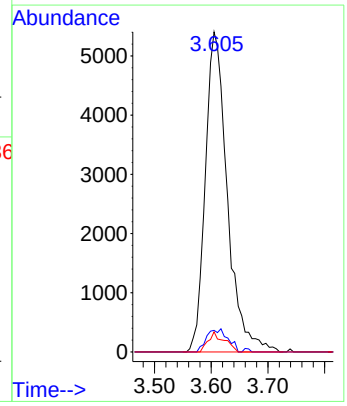


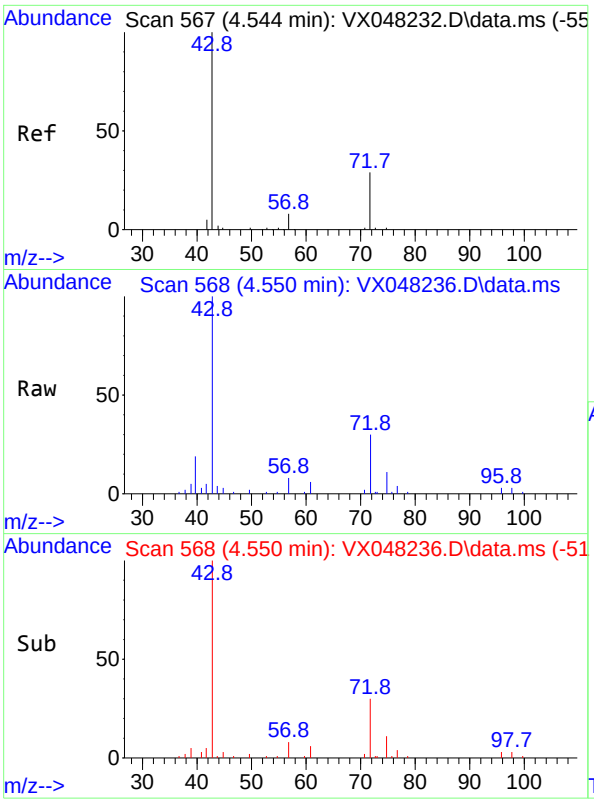


#24
1,1-Dichloroethane
Concen: 5.013 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 14582

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	6.3	2.1	6.3#



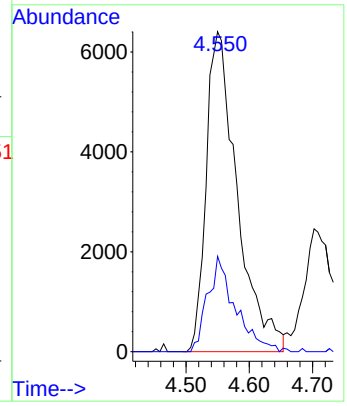


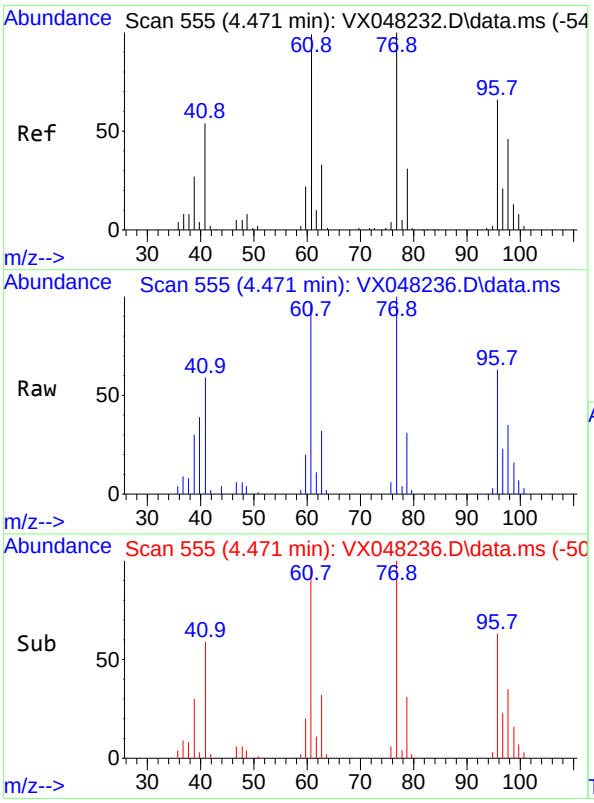
#25
2-Butanone
Concen: 25.887 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 21808

Ion	Ratio	Lower	Upper
43	100		
72	30.6	19.9	29.9#

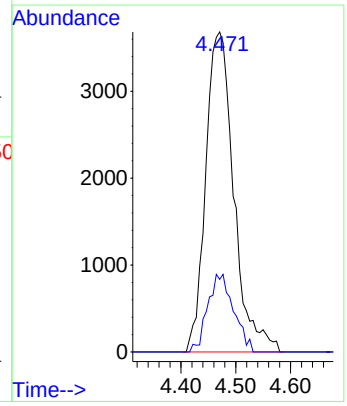


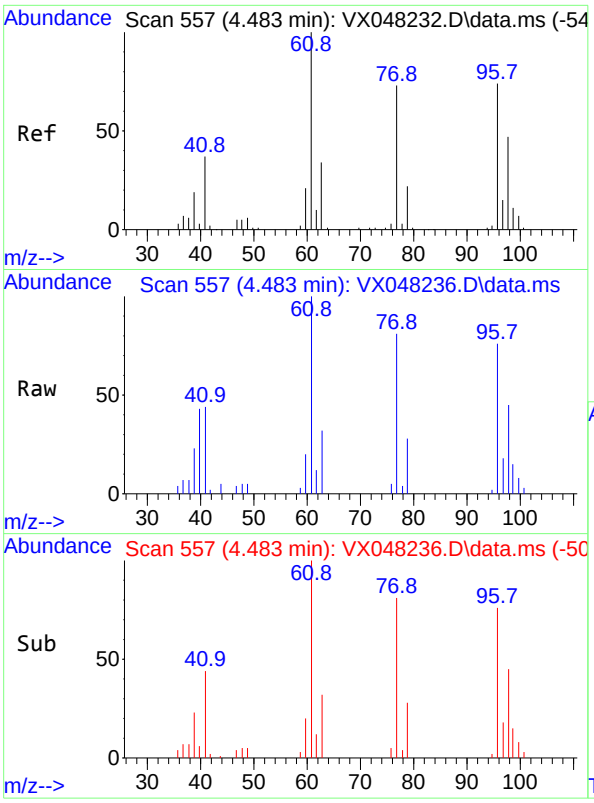


#26
2,2-Dichloropropane
Concen: 4.981 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 77 Resp: 13077

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.1	33.3



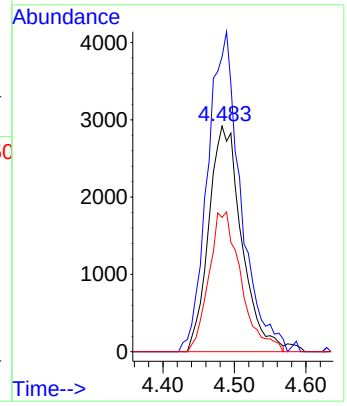


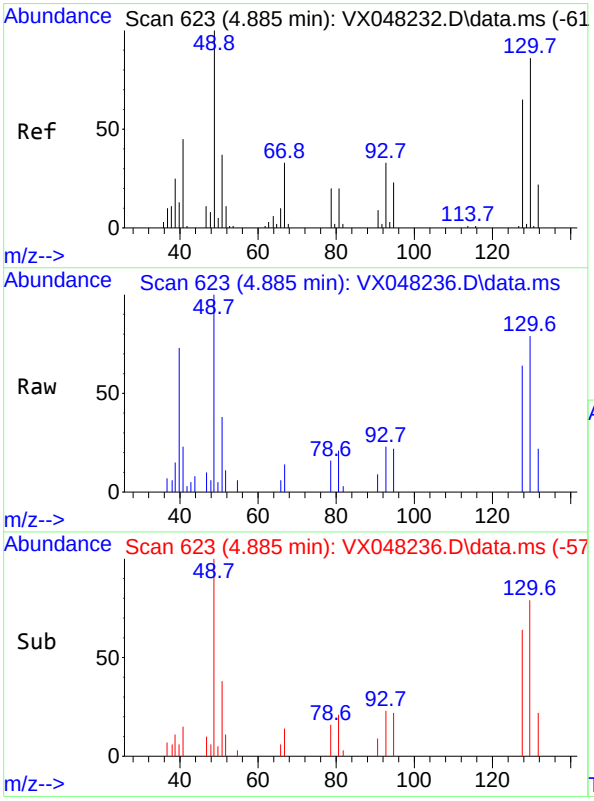
#27
cis-1,2-Dichloroethene
Concen: 5.000 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 9312

Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	294.2
98	60.5	0.0	128.4

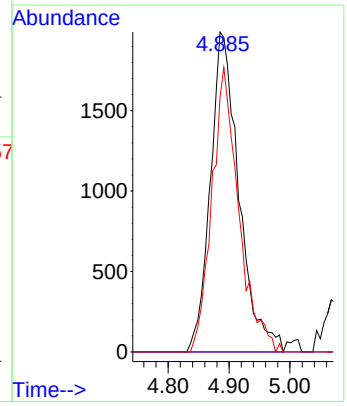


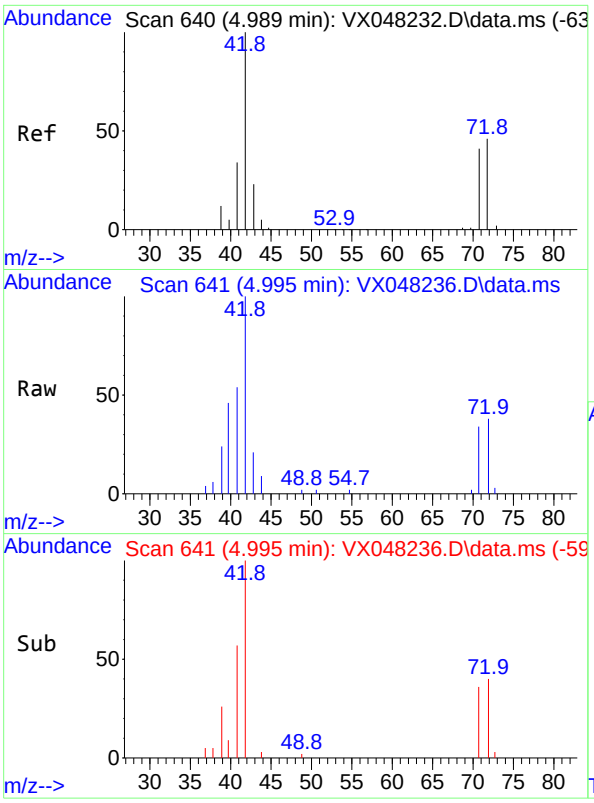


#28
Bromochloromethane
Concen: 5.379 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 49 Resp: 6488

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	83.5	59.3	88.9



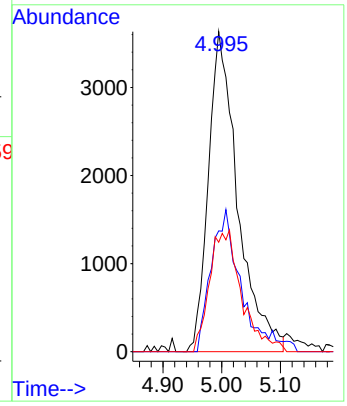


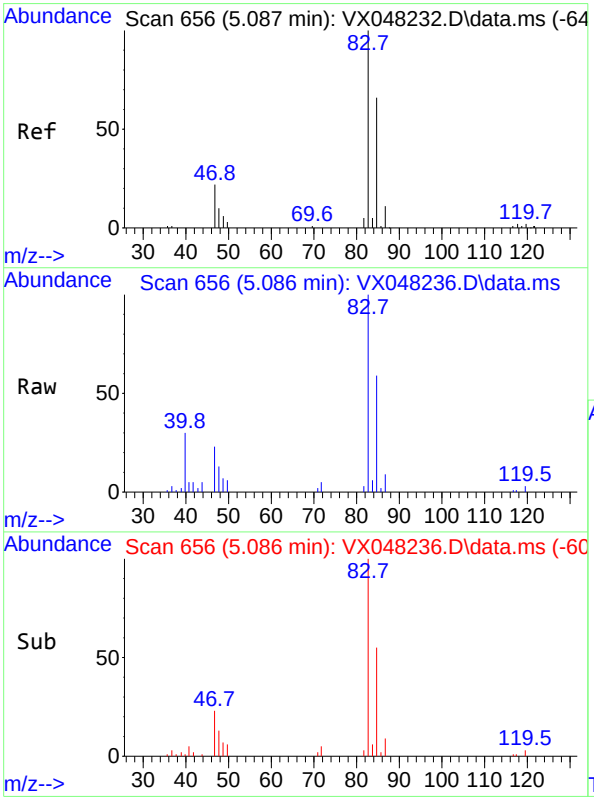
#29
Tetrahydrofuran
Concen: 25.047 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 12637

Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.3	52.9
71	41.3	32.2	48.4

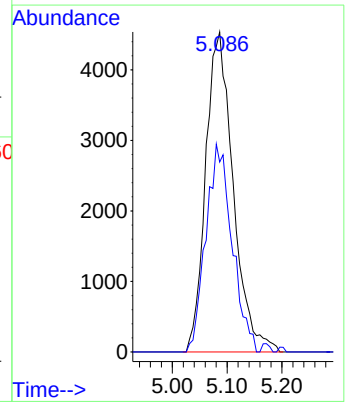


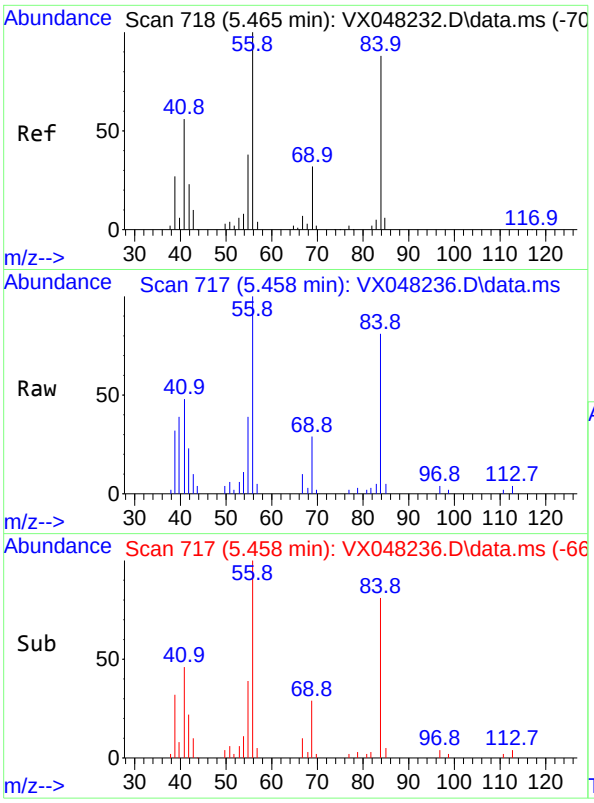


#30
Chloroform
Concen: 5.089 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 83 Resp: 15814

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.1	75.1



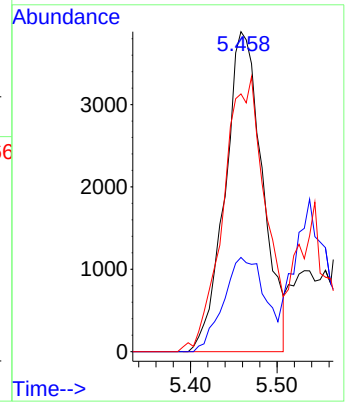


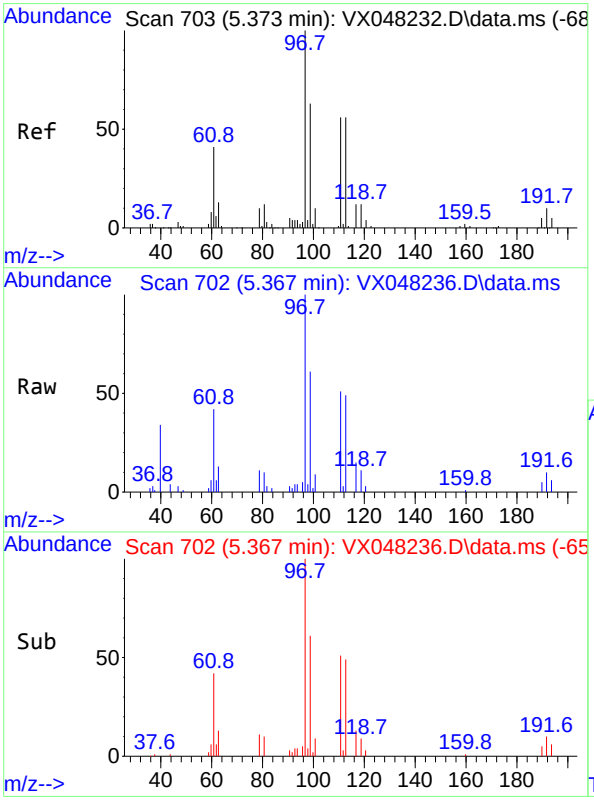
#31
Cyclohexane
Concen: 4.842 ug/l
RT: 5.458 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 11661

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.6
84	79.1	64.6	97.0

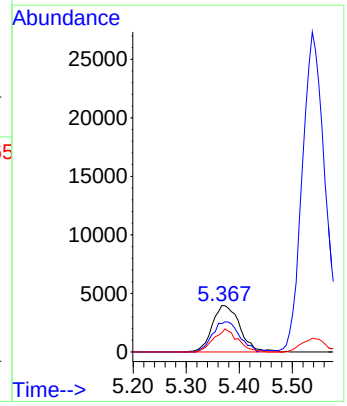


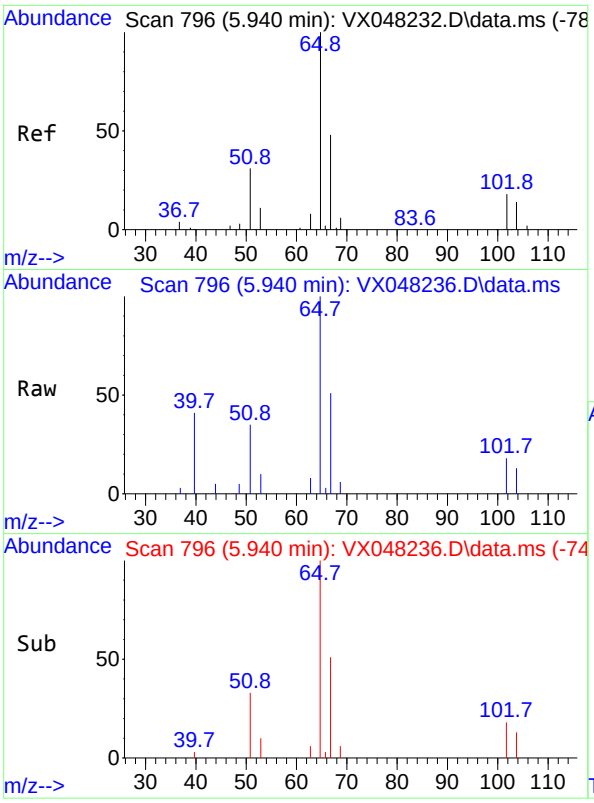


#32
1,1,1-Trichloroethane
Concen: 5.027 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 97 Resp: 14399

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	42.8	34.8	52.2



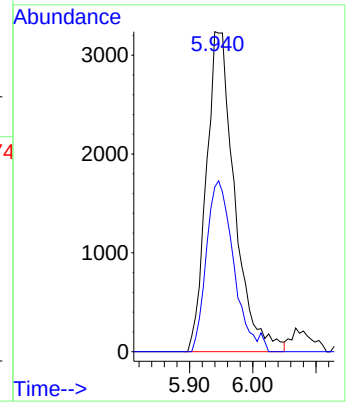


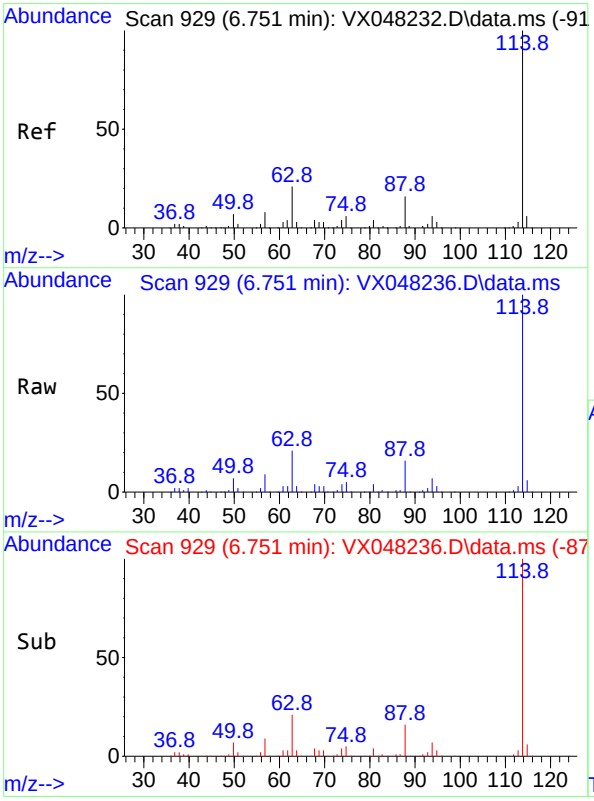
#33
1,2-Dichloroethane-d4
Concen: 5.173 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 10036

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0

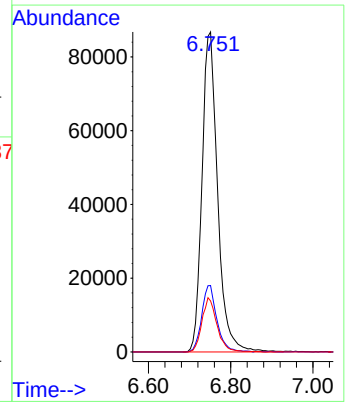


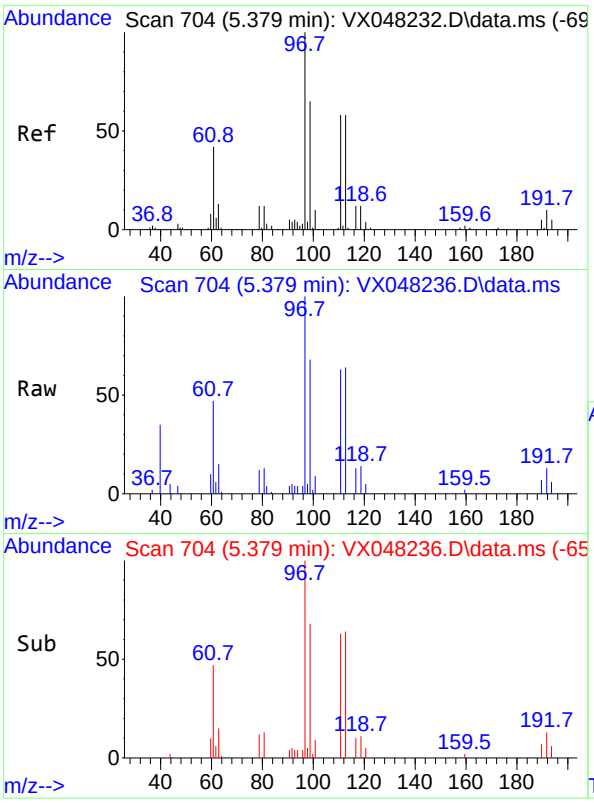


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:114 Resp: 228619

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.9	0.0	33.6



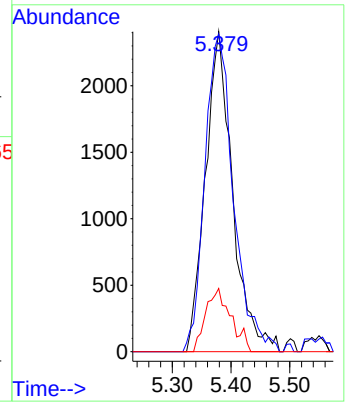


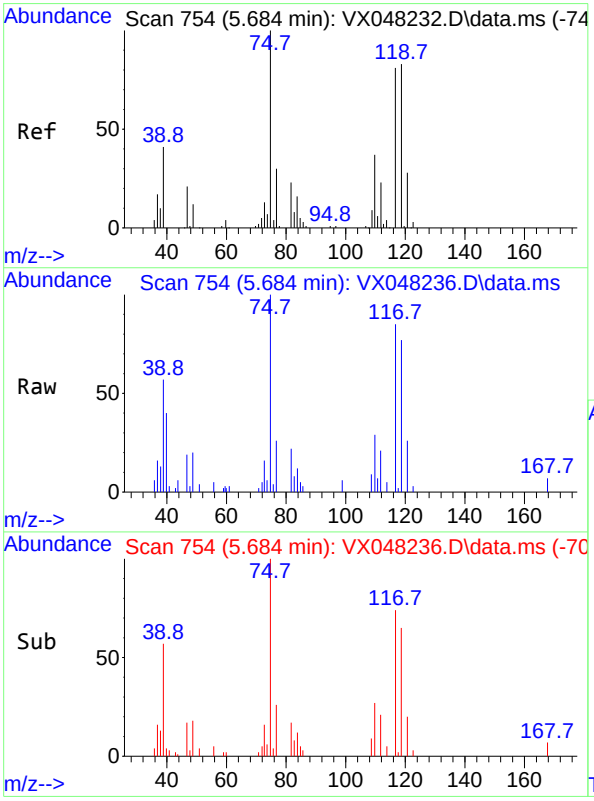
#35
Dibromofluoromethane
Concen: 4.955 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 7733

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	18.3	15.1	22.7

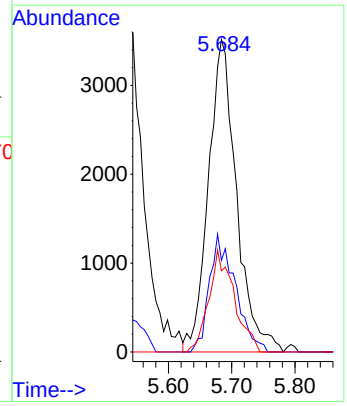


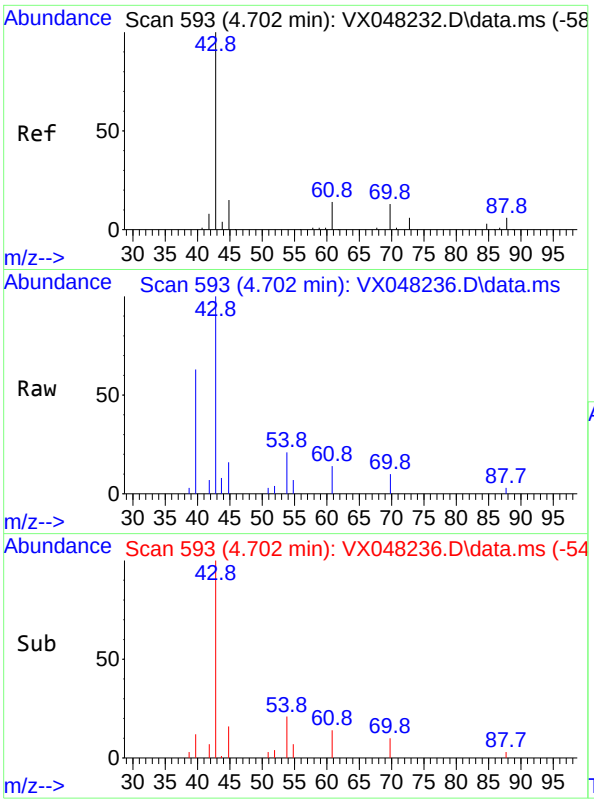


#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10855

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.7	53.1
77	29.5	24.3	36.5



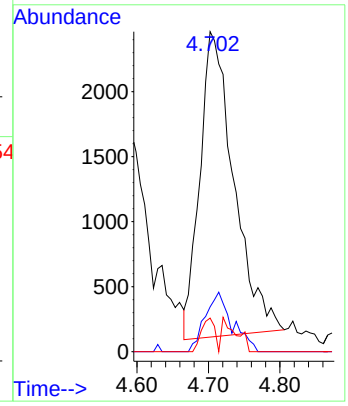


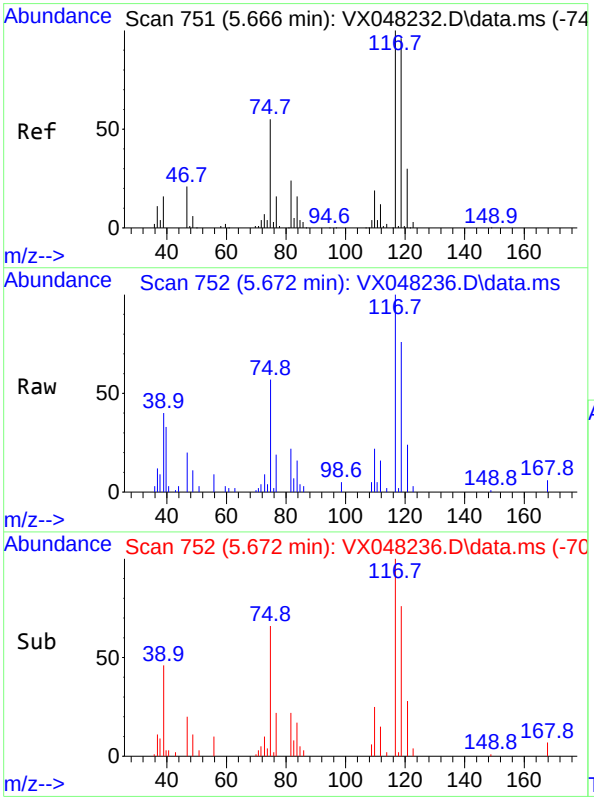
#37
Ethyl Acetate
Concen: 4.220 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7759

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	4.3	7.8	11.6#

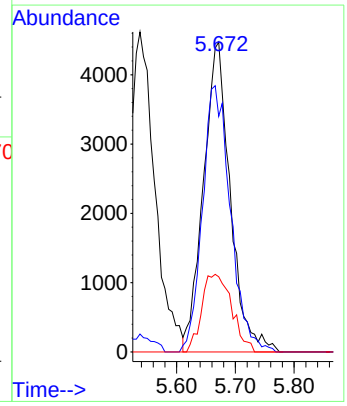


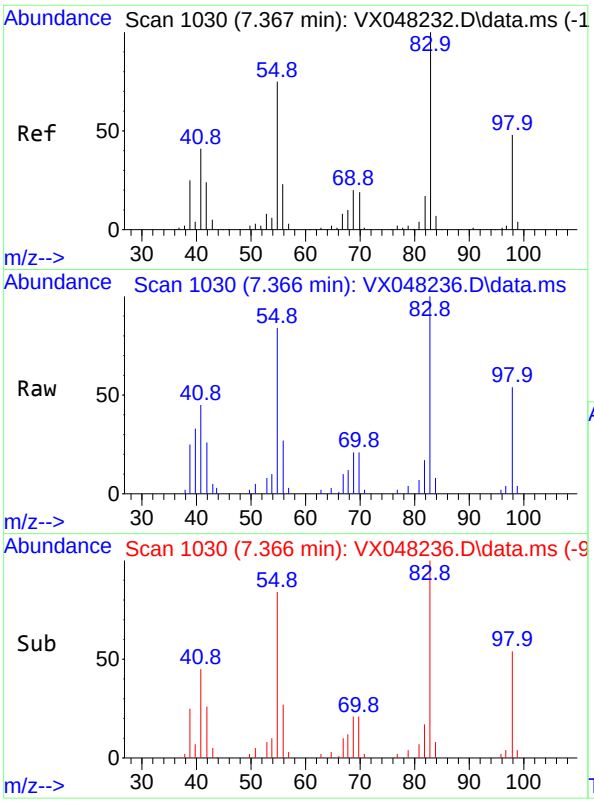


#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 14225

Ion	Ratio	Lower	Upper
117	100		
119	76.0	77.2	115.8#
121	24.3	24.8	37.2#



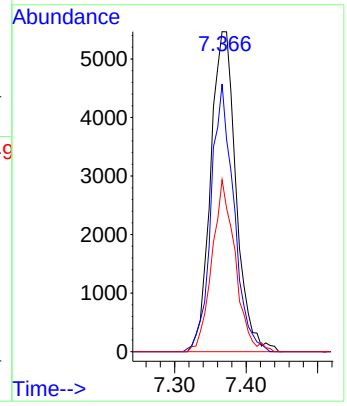


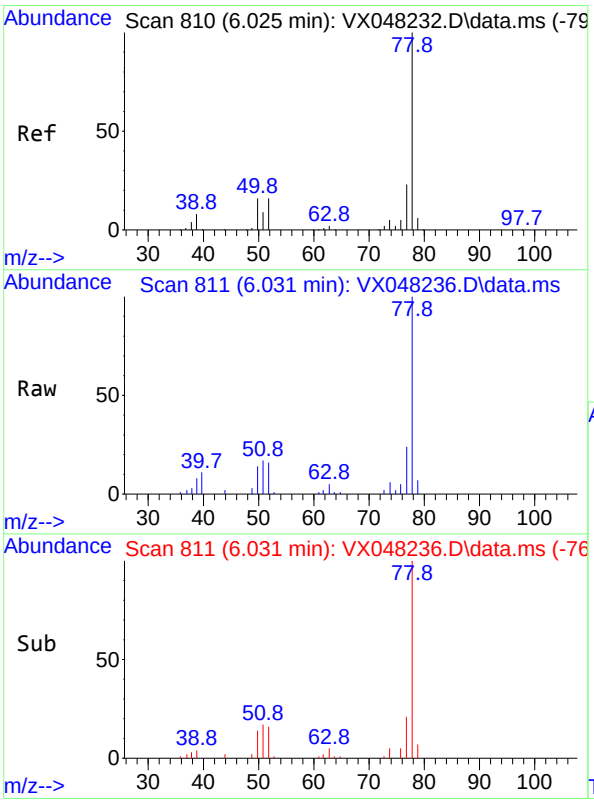
#39
Methylcyclohexane
Concen: 5.149 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13491

Ion	Ratio	Lower	Upper
83	100		
55	83.6	66.2	99.2
98	53.8	38.9	58.3

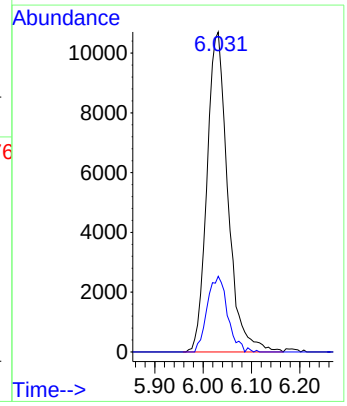


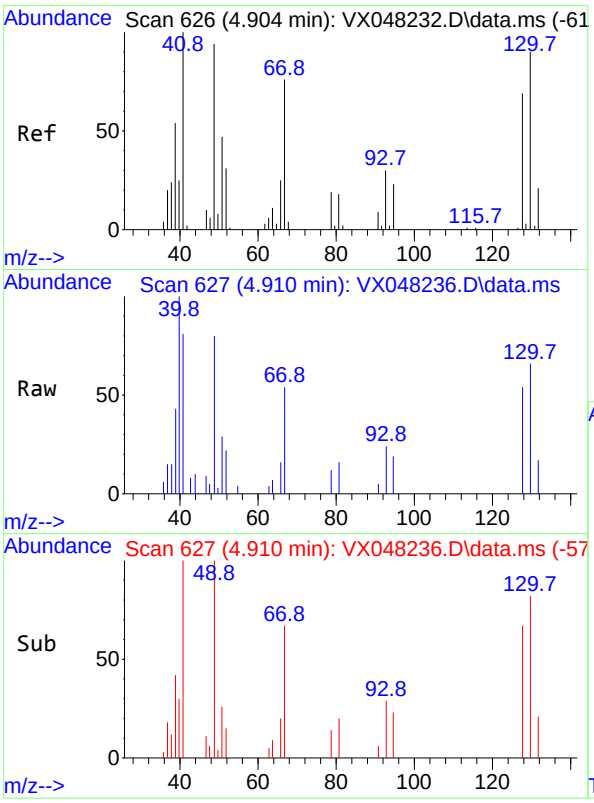


#40
Benzene
Concen: 4.986 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 78 Resp: 32115

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9



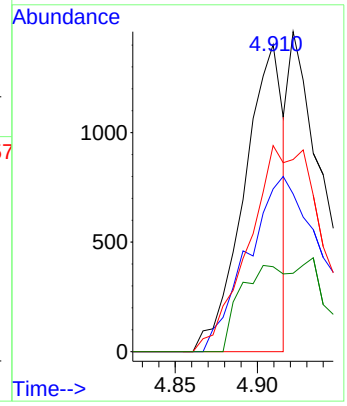


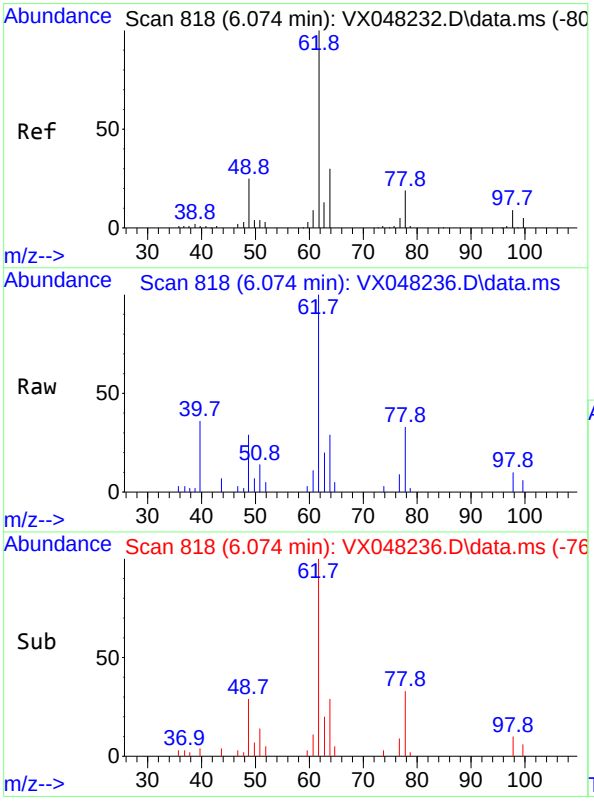
#41
Methacrylonitrile
Concen: 2.423 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 2340

Ion	Ratio	Lower	Upper
41	100		
39	107.2	44.0	66.0#
67	141.2	58.7	88.1#
52	31.1	25.9	38.9

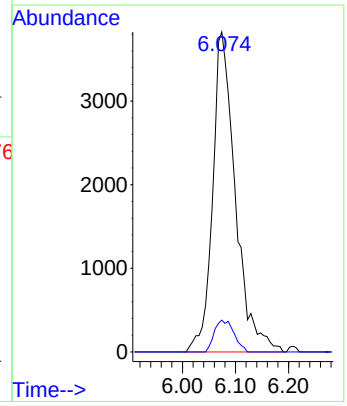


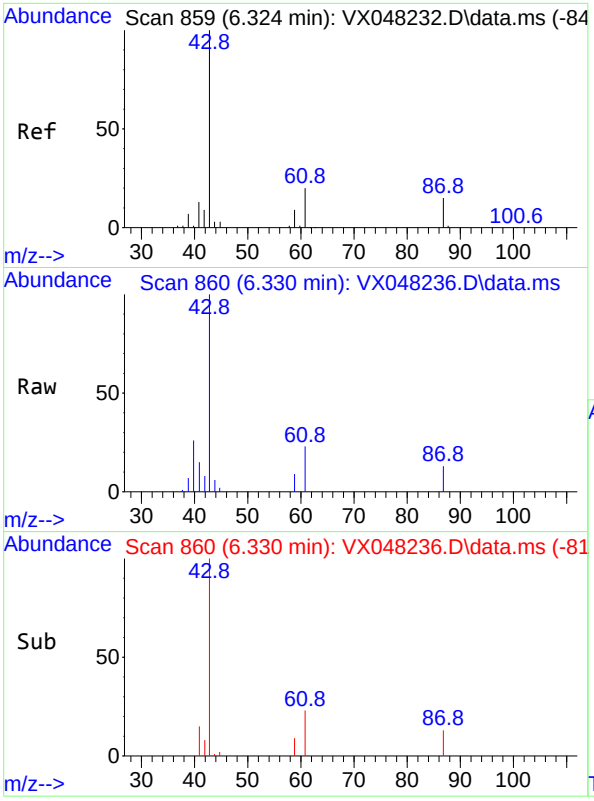


#42
1,2-Dichloroethane
Concen: 4.802 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 62 Resp: 11412

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



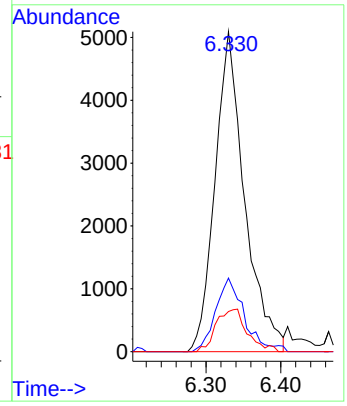


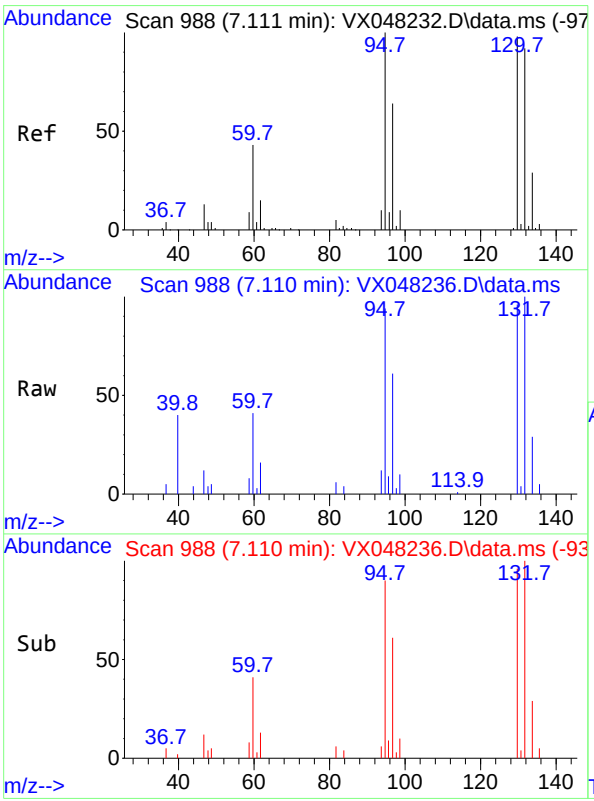
#43
Isopropyl Acetate
Concen: 4.634 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13996

Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.9	22.3#
87	14.0	9.4	14.2

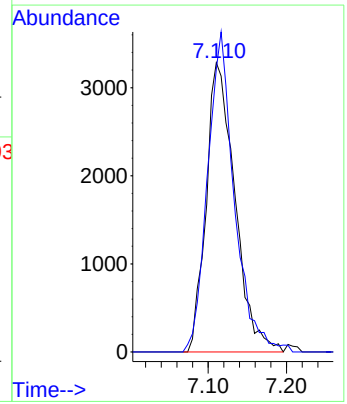


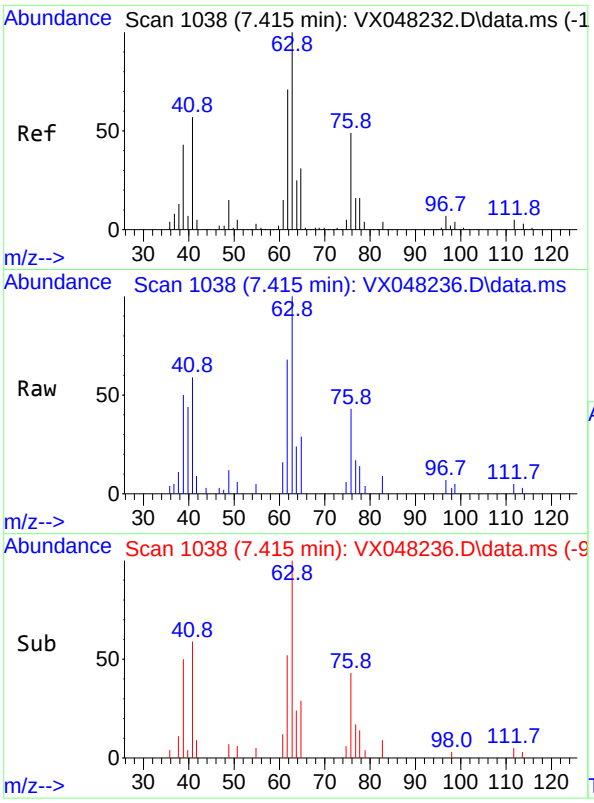


#44
Trichloroethene
Concen: 4.923 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:130 Resp: 8373

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	200.6



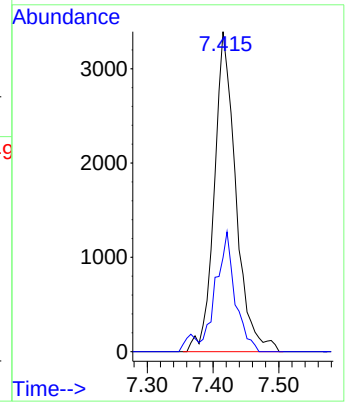


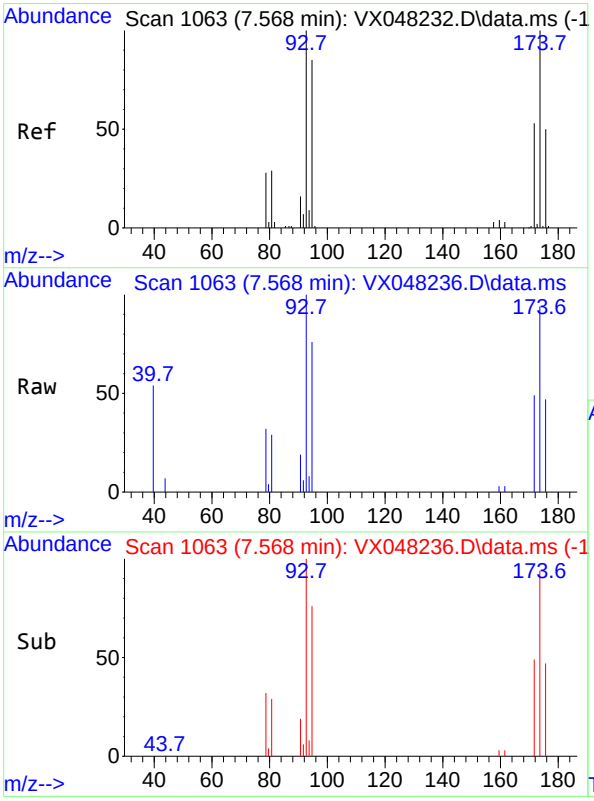
#45
1,2-Dichloropropane
Concen: 5.034 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 7709

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.1	36.1

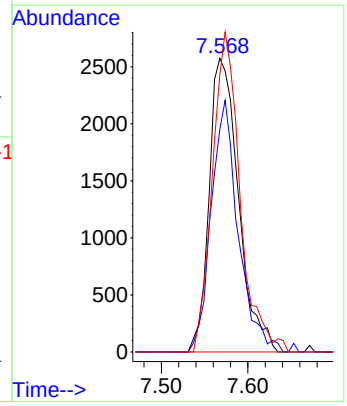


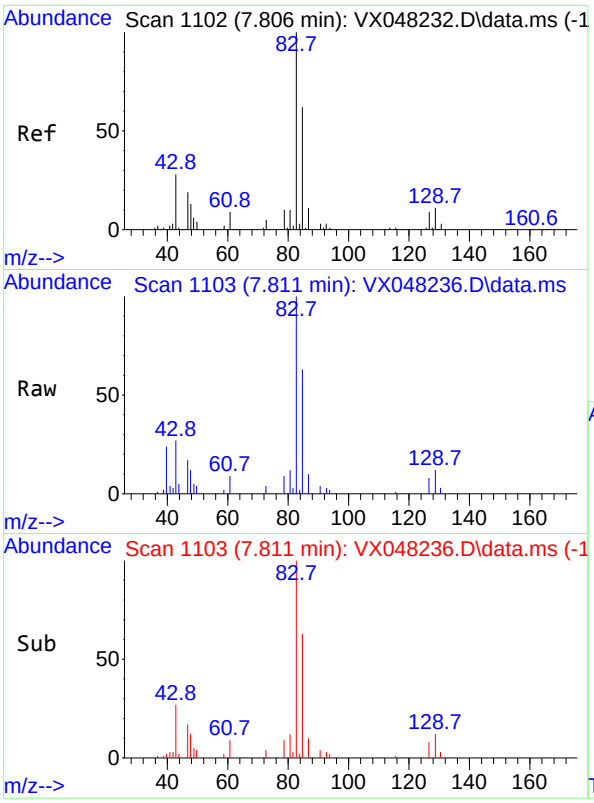


#46
Dibromomethane
Concen: 5.064 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 93 Resp: 6041

Ion	Ratio	Lower	Upper
93	100		
95	79.0	65.9	98.9
174	103.1	71.7	107.5



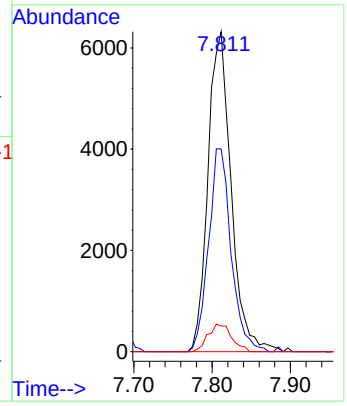


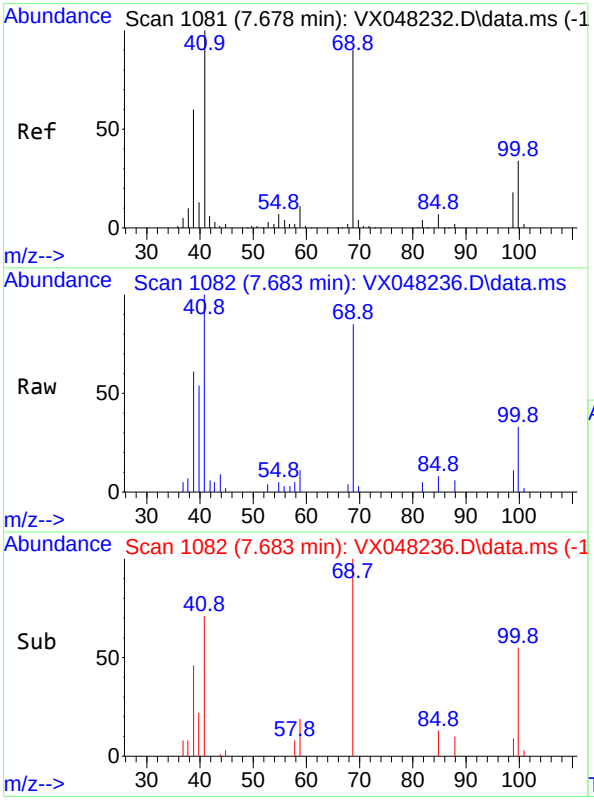
#47
Bromodichloromethane
Concen: 5.037 ug/l
RT: 7.811 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 12974

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	8.0	7.3	10.9

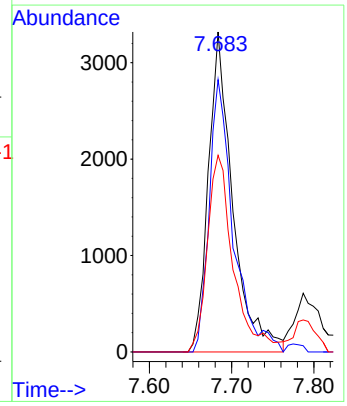


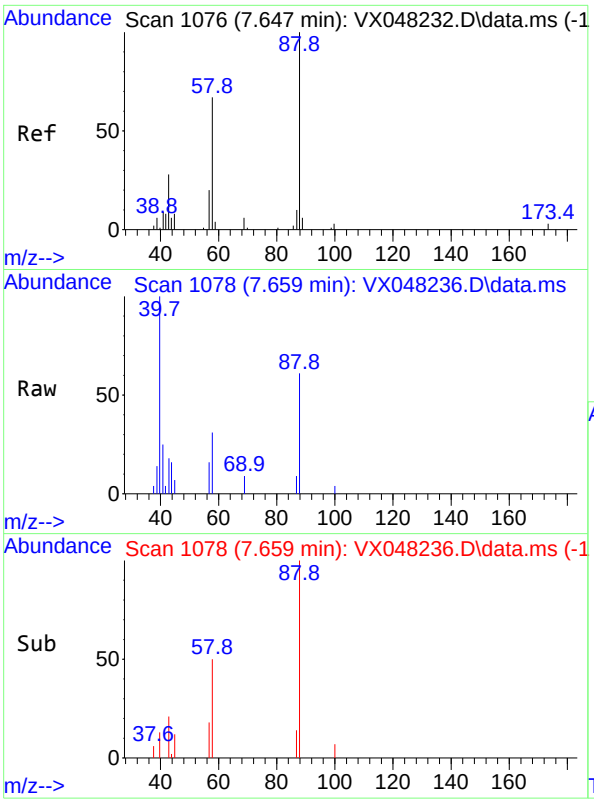


#48
Methyl methacrylate
Concen: 4.503 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 41 Resp: 6863

Ion	Ratio	Lower	Upper
41	100		
69	83.7	63.4	95.0
39	64.8	47.1	70.7



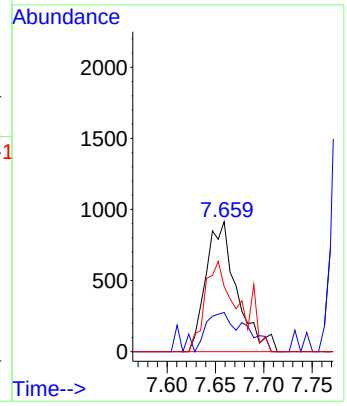


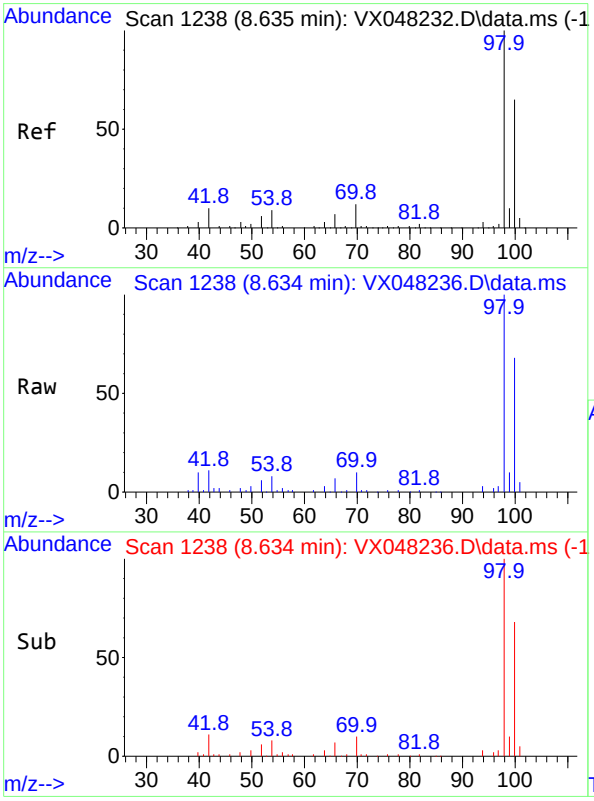
#49
1,4-Dioxane
Concen: 100.322 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 2020

Ion	Ratio	Lower	Upper
88	100		
43	38.4	35.0	52.4
58	76.8	61.9	92.9

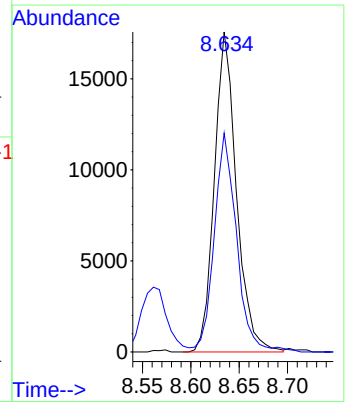


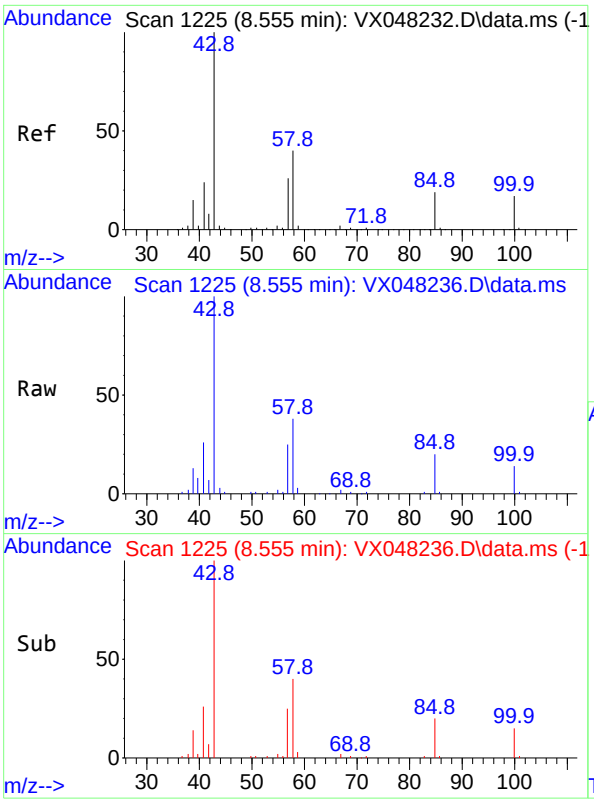


#50
Toluene-d8
Concen: 5.102 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 98 Resp: 27914

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.0	79.4



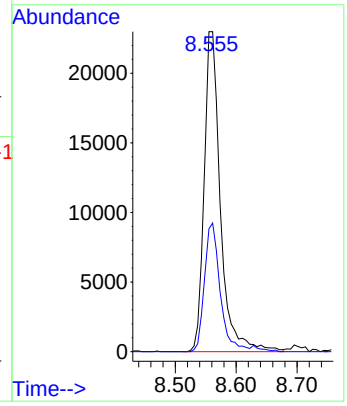


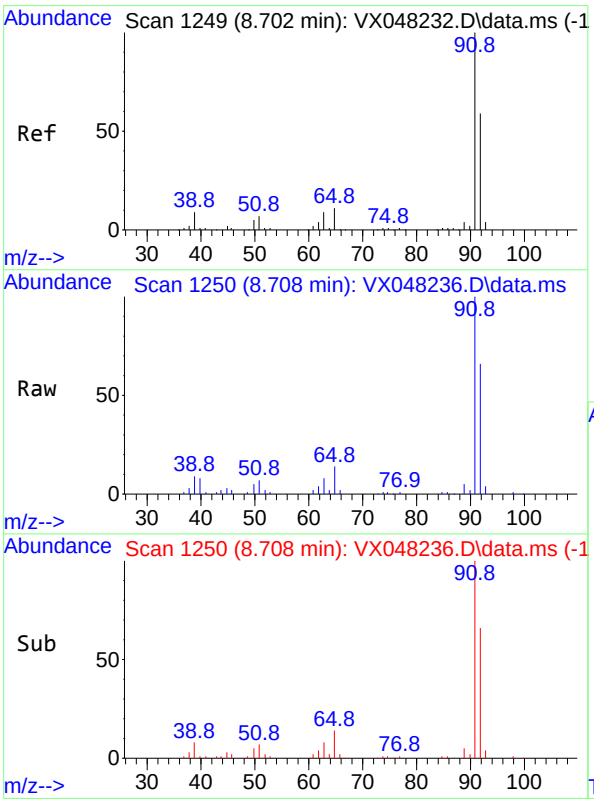
#51
4-Methyl-2-Pentanone
Concen: 24.534 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 42725

Ion	Ratio	Lower	Upper
43	100		
58	38.7	29.5	44.3

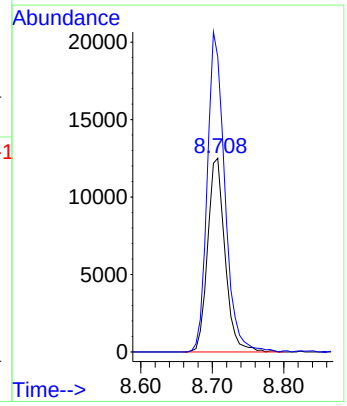


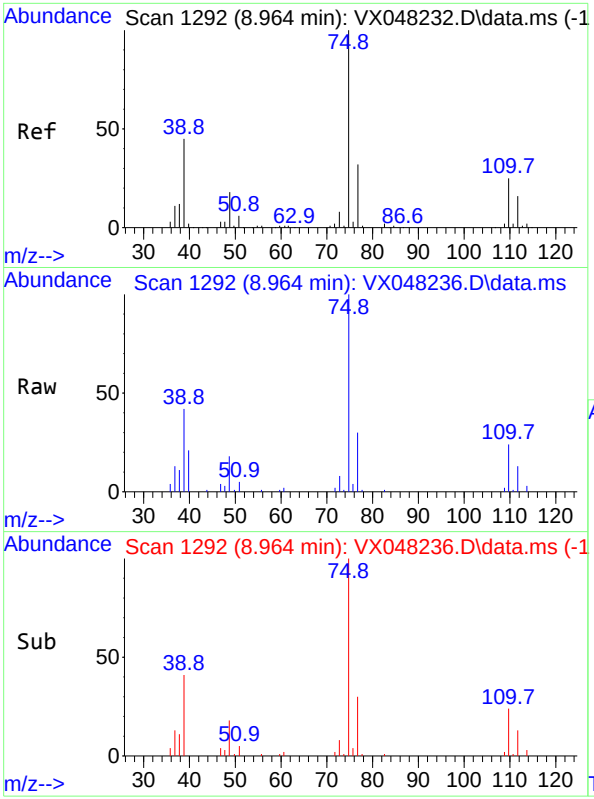


#52
Toluene
Concen: 5.166 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 92 Resp: 21137

Ion	Ratio	Lower	Upper
92	100		
91	166.2	136.1	204.1



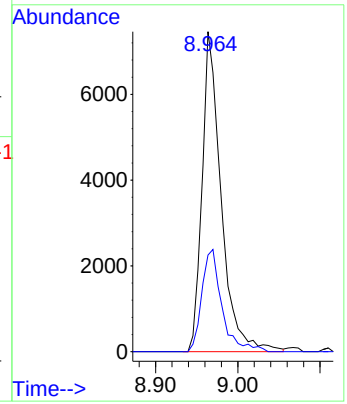


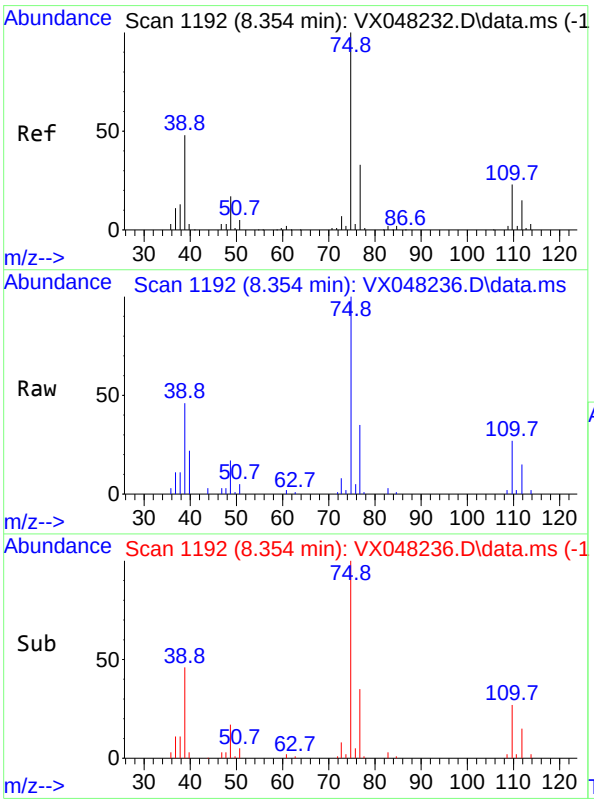
#53
t-1,3-Dichloropropene
Concen: 4.840 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 12015

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.0	37.6

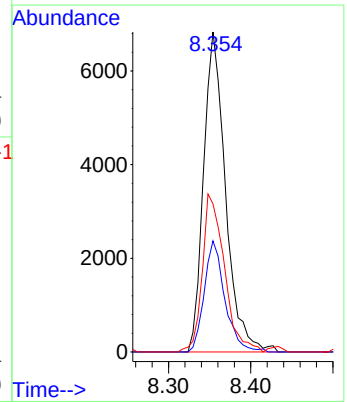


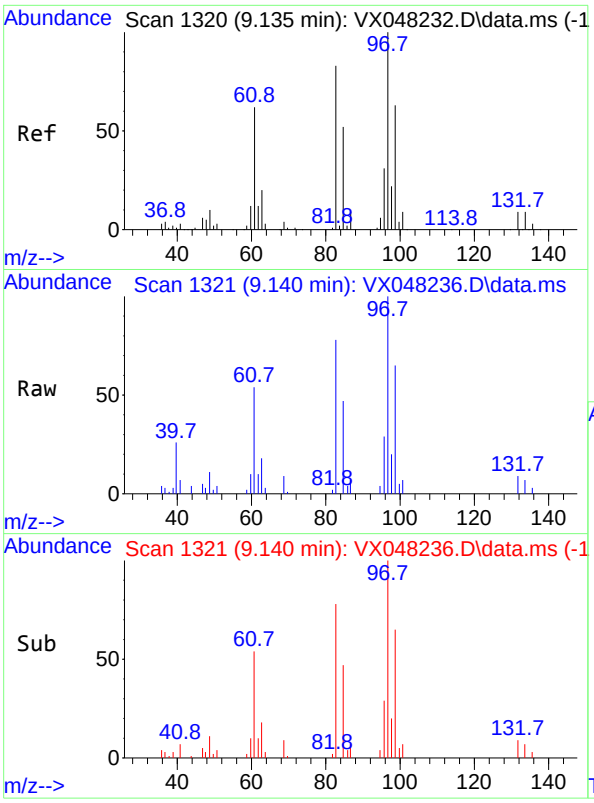


#54
cis-1,3-Dichloropropene
Concen: 4.743 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 12702

Ion	Ratio	Lower	Upper
75	100		
77	35.7	24.9	37.3
39	45.3	42.6	64.0



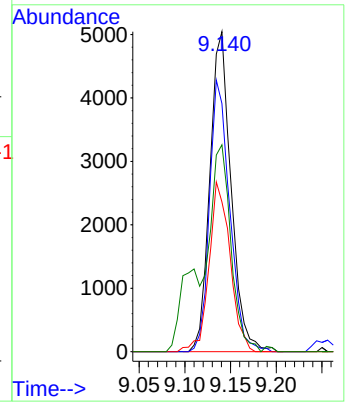


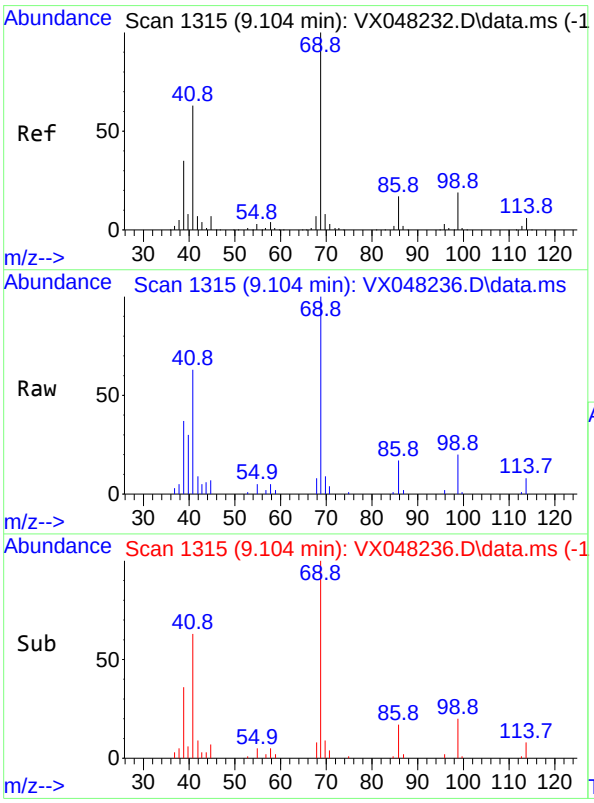
#55
1,1,2-Trichloroethane
Concen: 5.332 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 8113

Ion	Ratio	Lower	Upper
97	100		
83	77.5	70.6	105.8
85	46.8	45.0	67.6
99	64.7	50.9	76.3

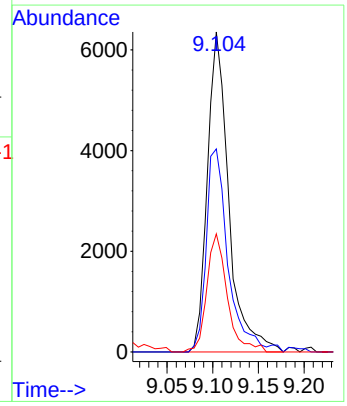


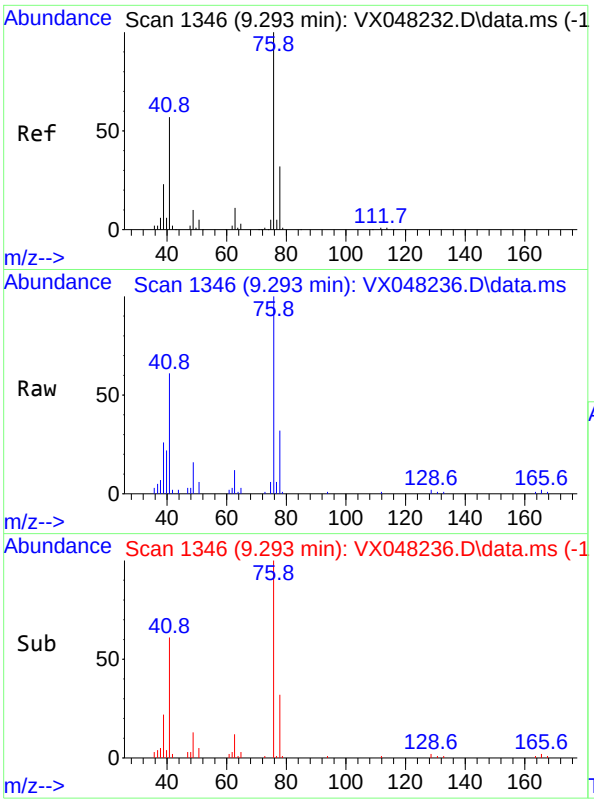


#56
Ethyl methacrylate
Concen: 4.637 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 69 Resp: 10320

Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.0	84.0
39	35.3	31.6	47.4



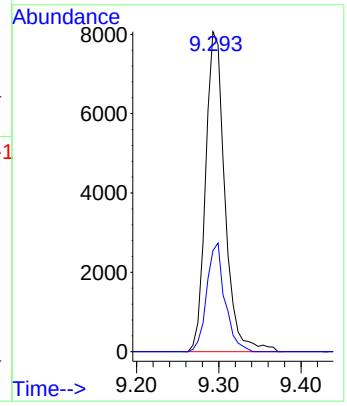


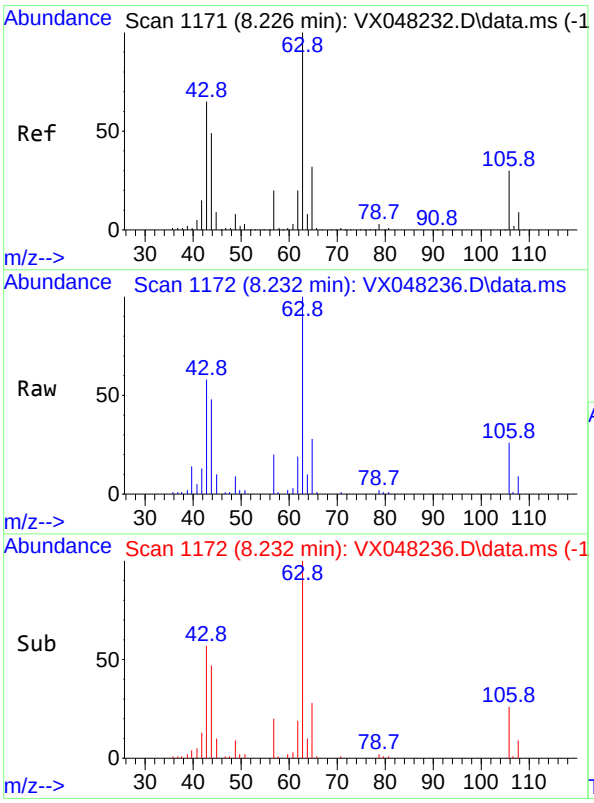
#57
1,3-Dichloropropane
Concen: 5.035 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 13087

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.4	38.0

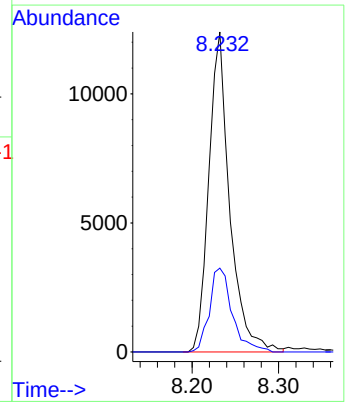


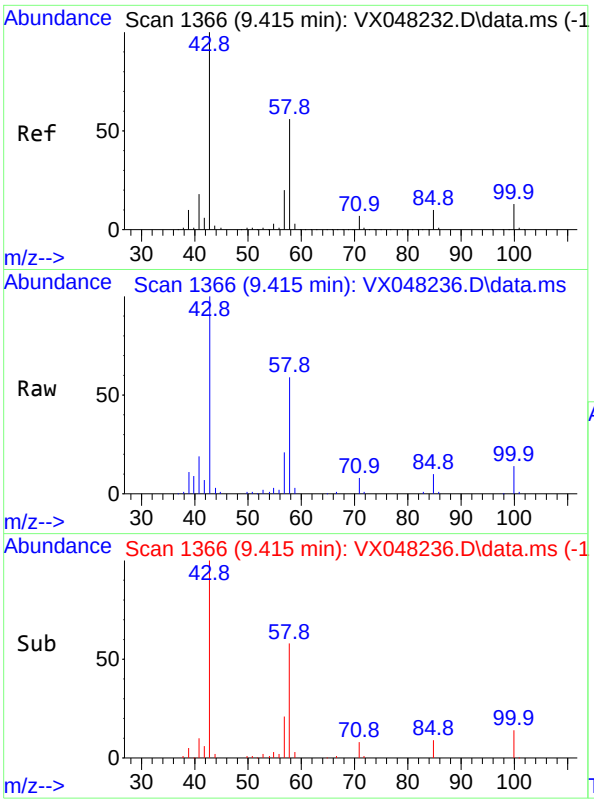


#58
2-Chloroethyl Vinyl ether
Concen: 18.931 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 63 Resp: 20764

Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.2	33.2



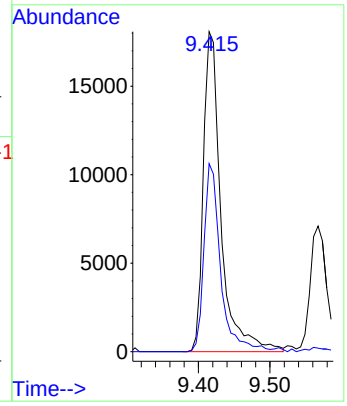


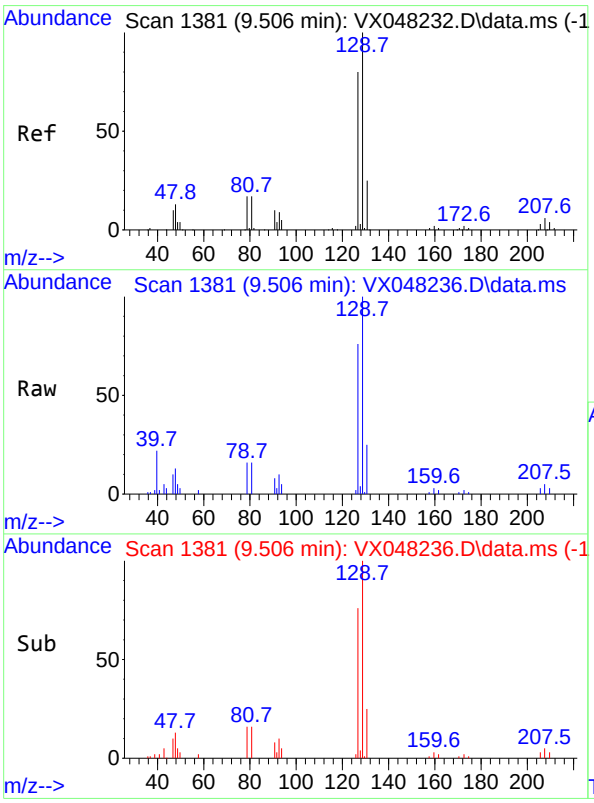
#59
2-Hexanone
Concen: 25.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30949

Ion	Ratio	Lower	Upper
43	100		
58	55.4	26.3	78.8

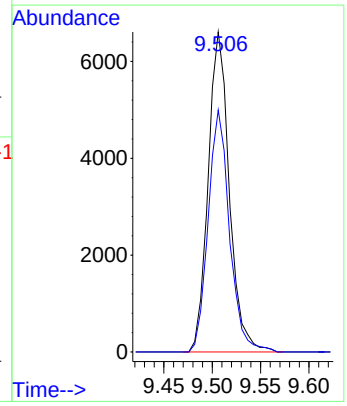


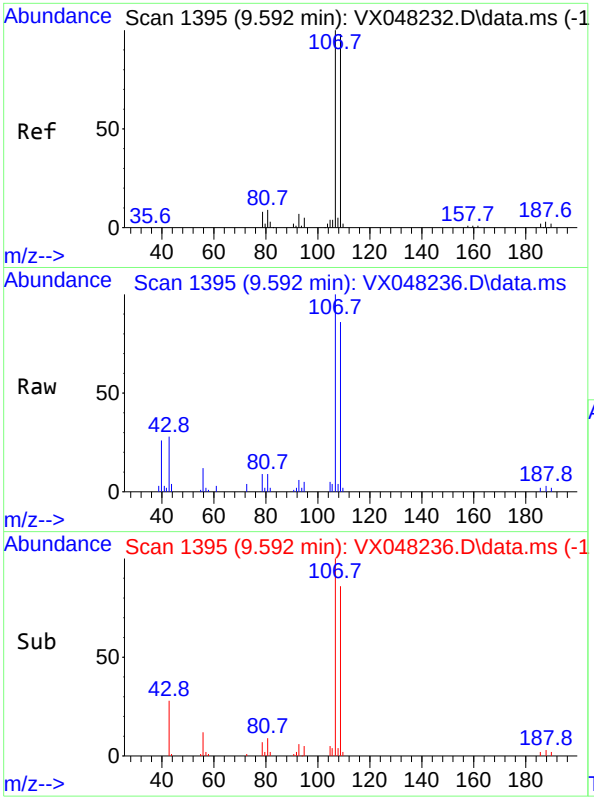


#60
Dibromochloromethane
Concen: 4.930 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:129 Resp: 10082

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.7



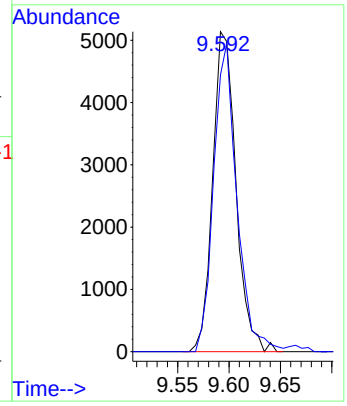


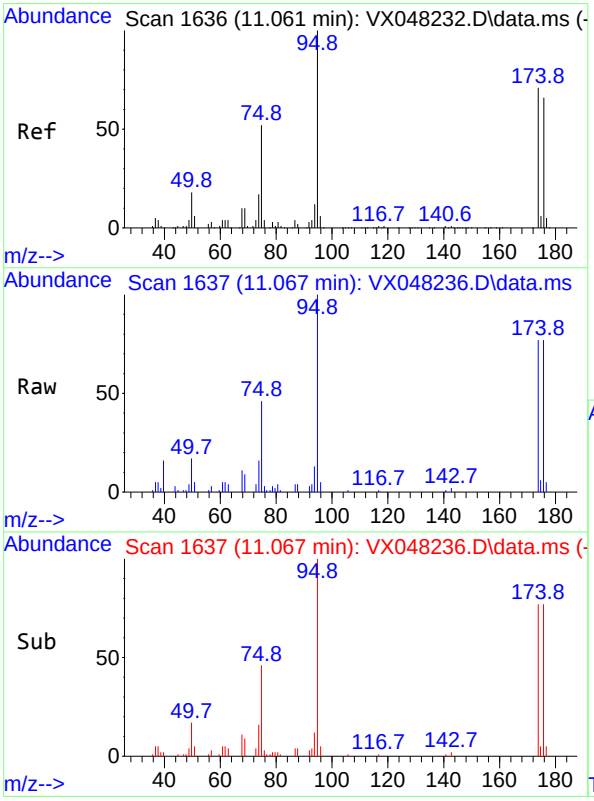
#61
1,2-Dibromoethane
Concen: 4.980 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 8079

Ion	Ratio	Lower	Upper
107	100		
109	96.3	77.0	115.4

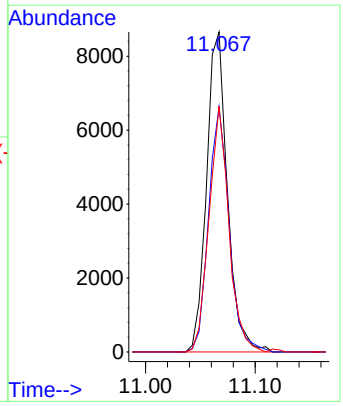


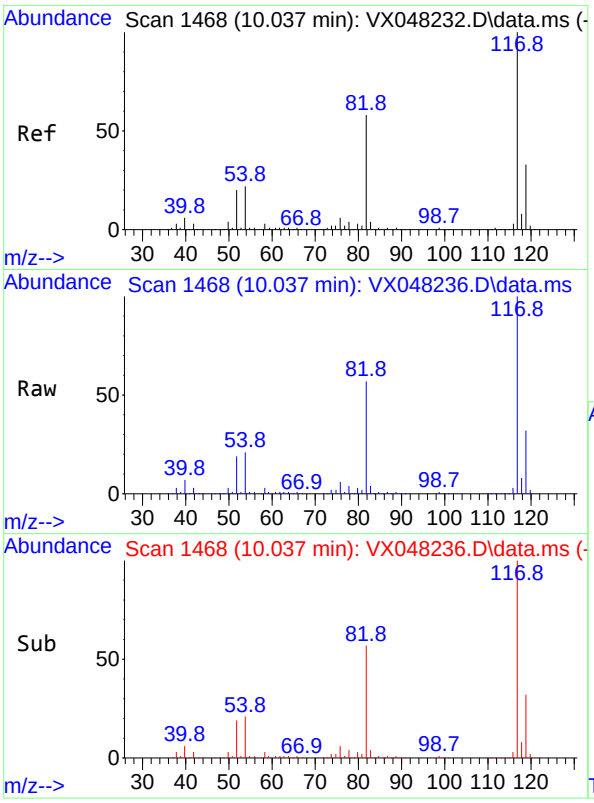


#62
4-Bromofluorobenzene
Concen: 5.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 95 Resp: 11429

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	147.8
176	73.4	0.0	142.8



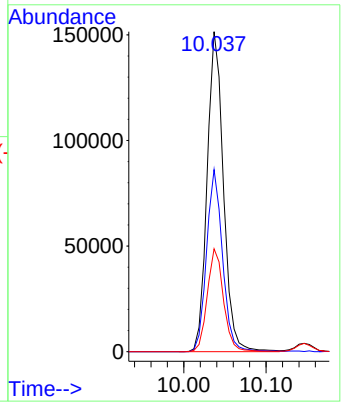


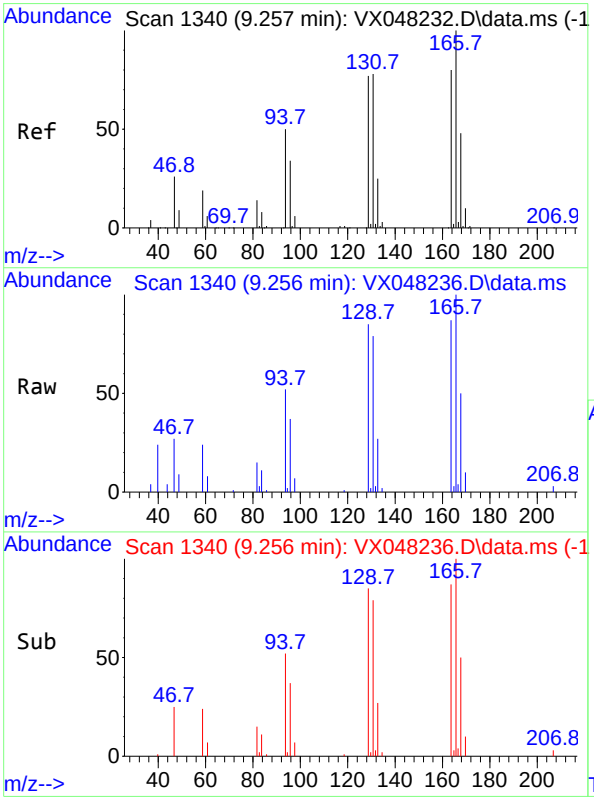
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 208481

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.5	69.7
119	32.2	25.9	38.9

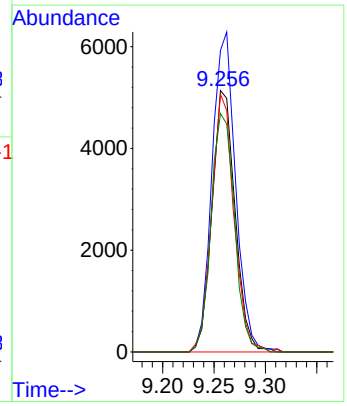


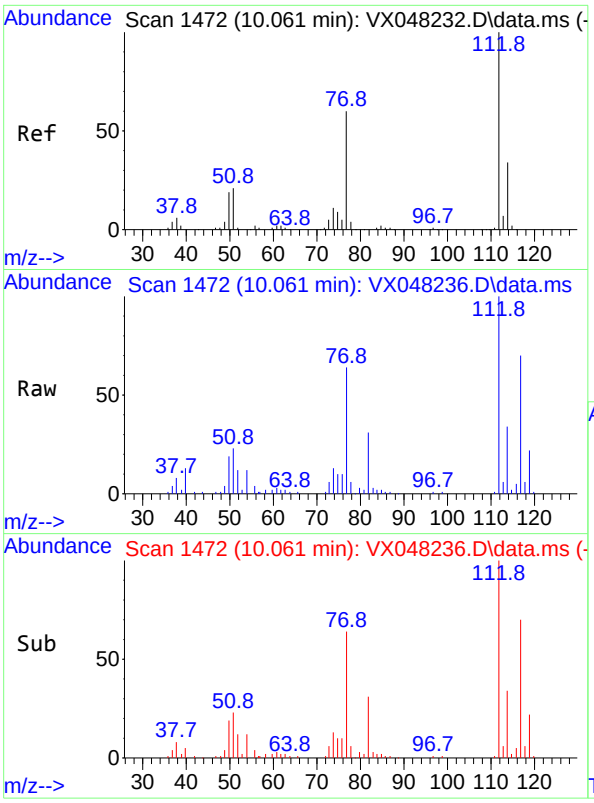


#64
Tetrachloroethene
Concen: 5.153 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:164 Resp: 8020

Ion	Ratio	Lower	Upper
164	100		
166	115.3	104.5	156.7
129	98.6	81.8	122.6
131	91.2	77.0	115.6



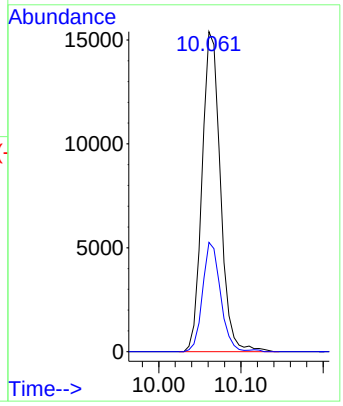


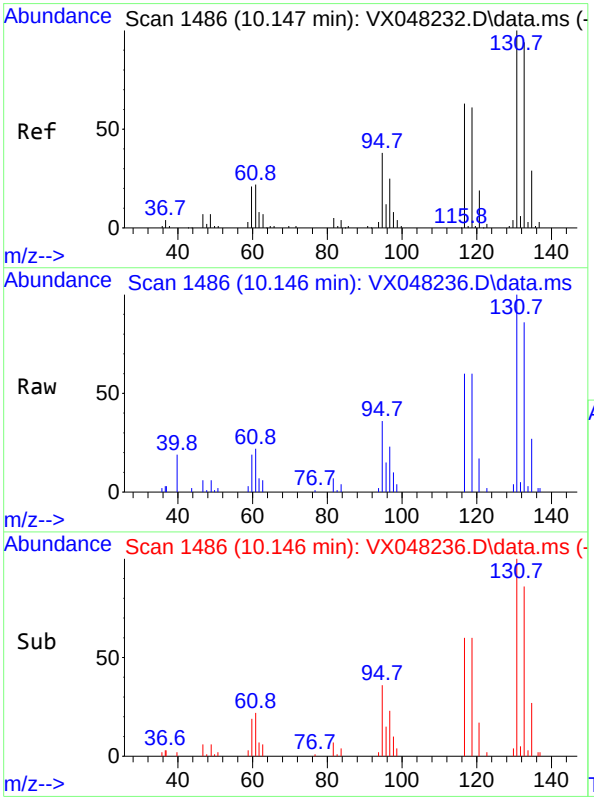
#65
Chlorobenzene
Concen: 5.090 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 23873

Ion	Ratio	Lower	Upper
112	100		
114	34.2	26.2	39.2

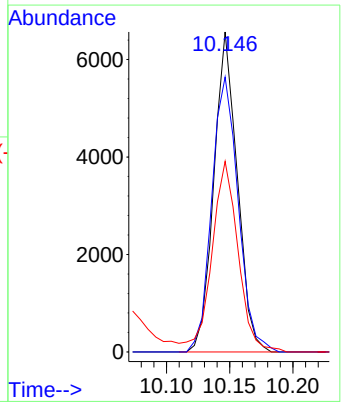


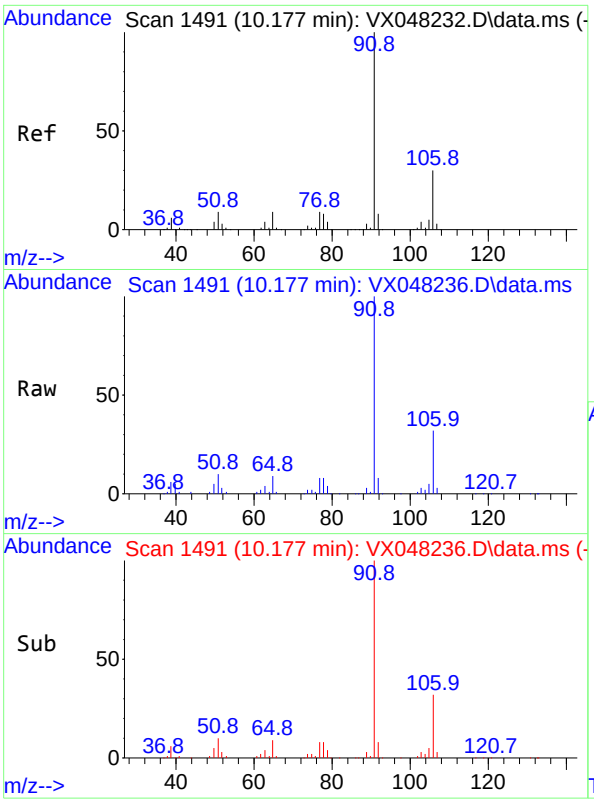


#66
1,1,1,2-Tetrachloroethane
Concen: 4.905 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:131 Resp: 8450

Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.6	142.8
119	66.7	32.5	97.5



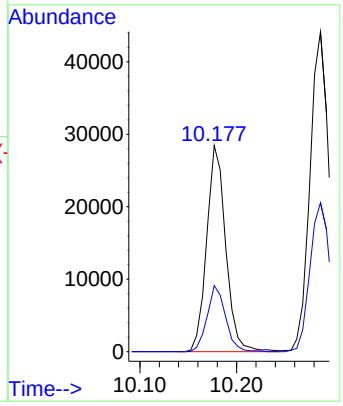


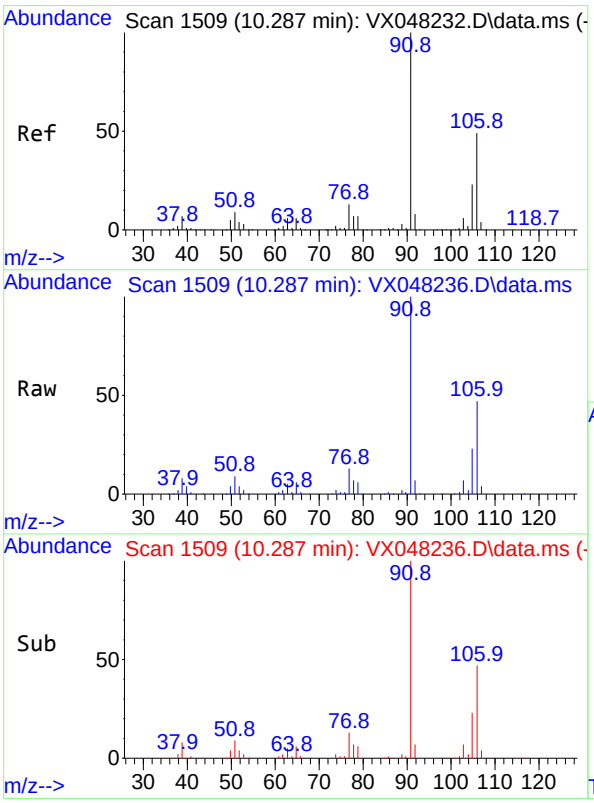
#67
Ethyl Benzene
Concen: 4.899 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 39121

Ion	Ratio	Lower	Upper
91	100		
106	32.1	23.8	35.6

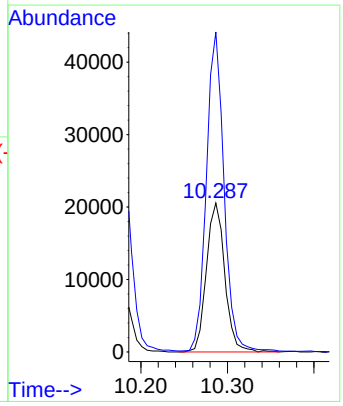


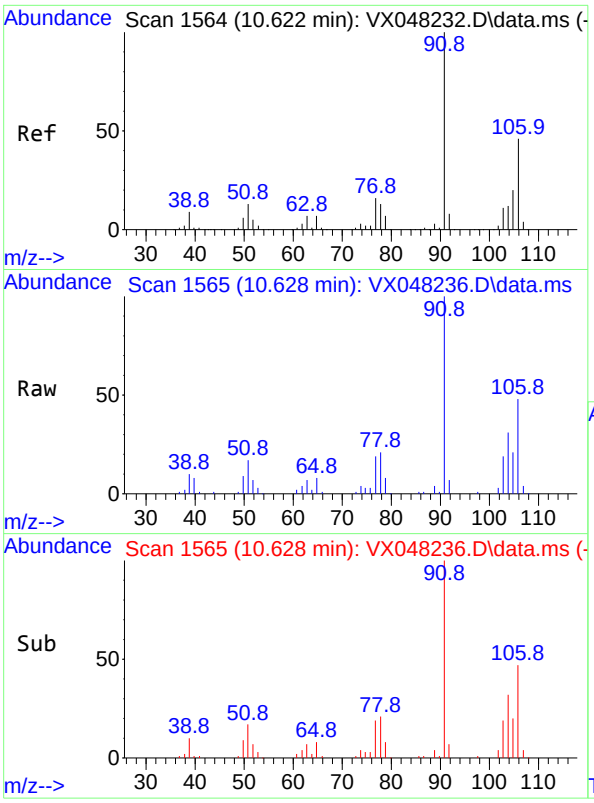


#68
m/p-Xylenes
Concen: 10.217 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:106 Resp: 30310

Ion	Ratio	Lower	Upper
106	100		
91	205.7	167.9	251.9



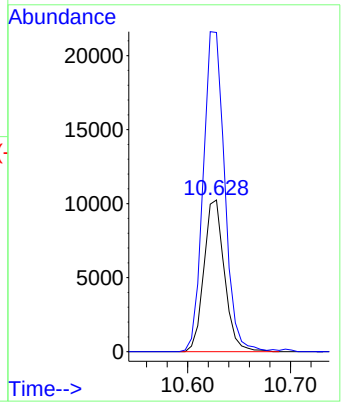


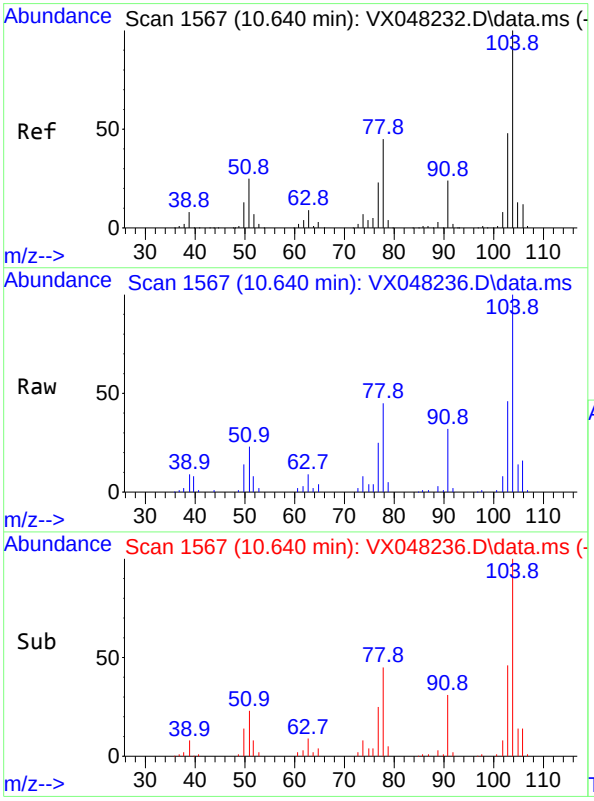
#69
o-Xylene
Concen: 4.979 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 14262

Ion	Ratio	Lower	Upper
106	100		
91	219.6	111.3	333.9

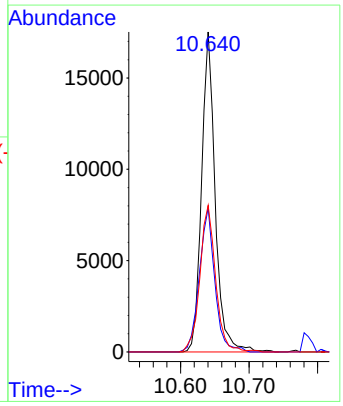


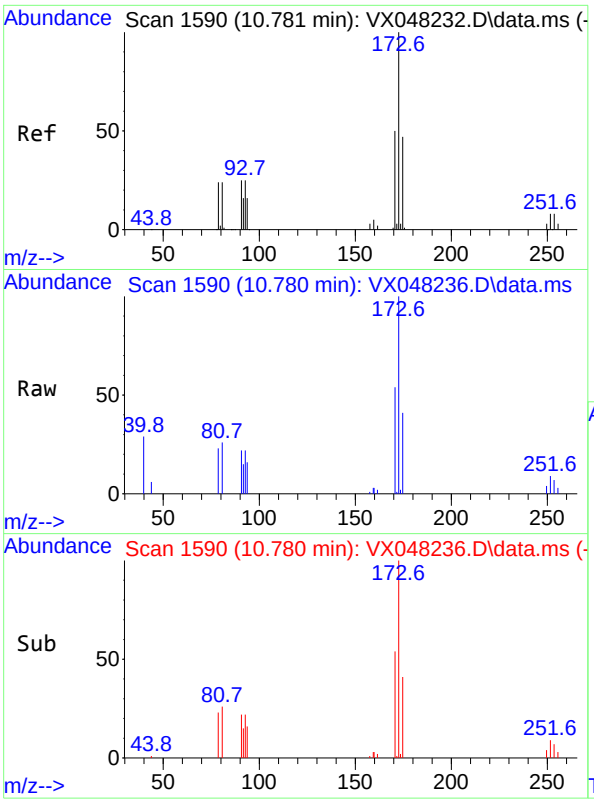


#70
Styrene
Concen: 4.980 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:104 Resp: 24289

Ion	Ratio	Lower	Upper
104	100		
78	51.1	42.2	63.4
103	53.2	43.0	64.4



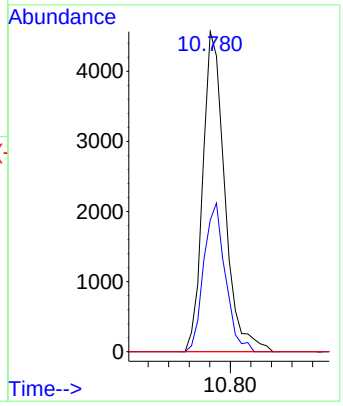


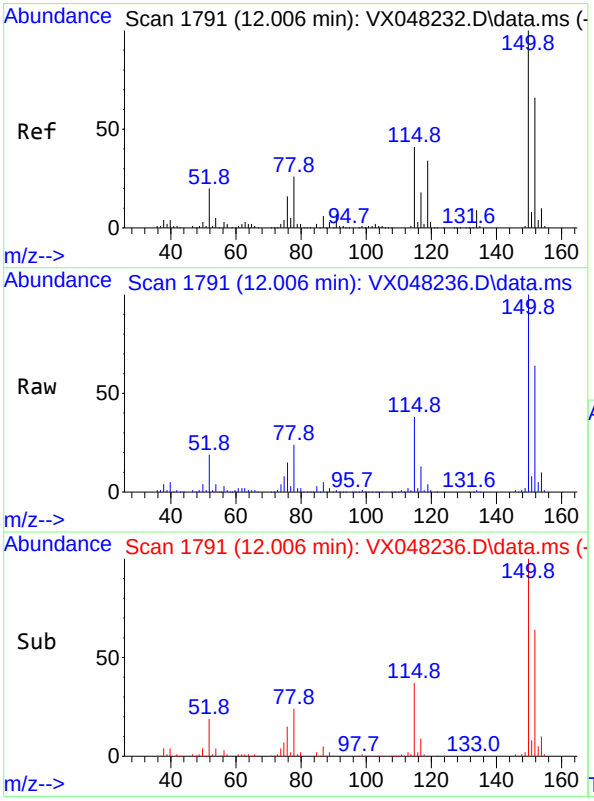
#71
Bromoform
Concen: 4.915 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 6766

Ion	Ratio	Lower	Upper
173	100		
175	45.6	24.0	72.0
254	0.0	0.0	0.0

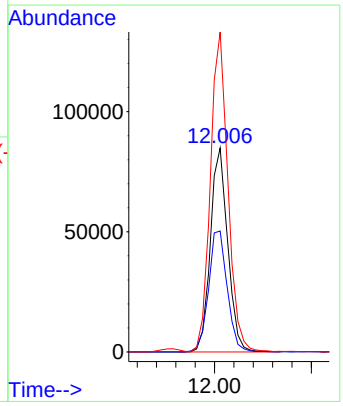


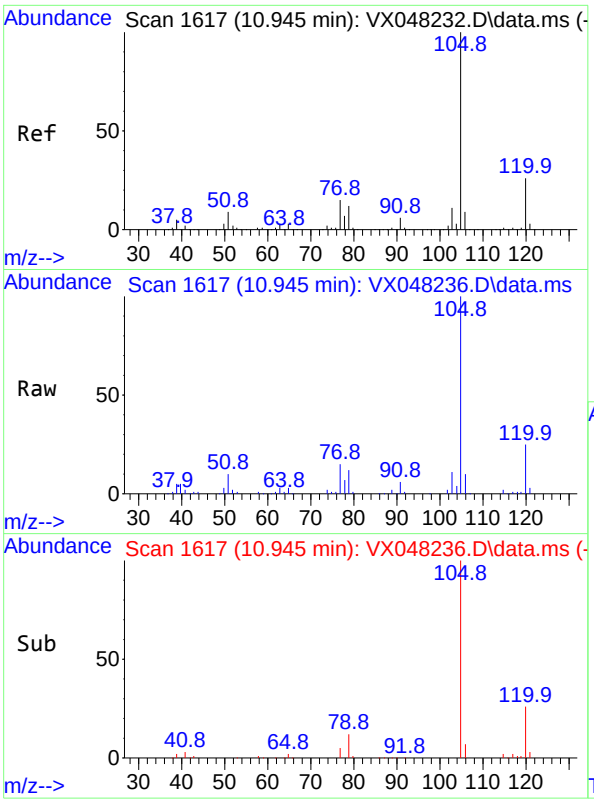


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:152 Resp: 105998

Ion	Ratio	Lower	Upper
152	100		
115	63.9	43.1	129.4
150	157.2	0.0	353.0



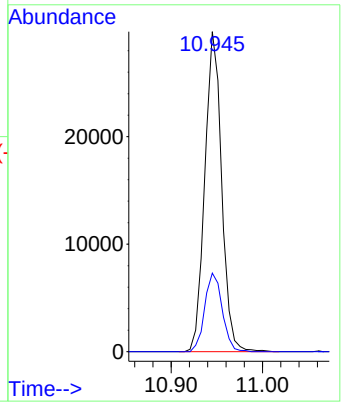


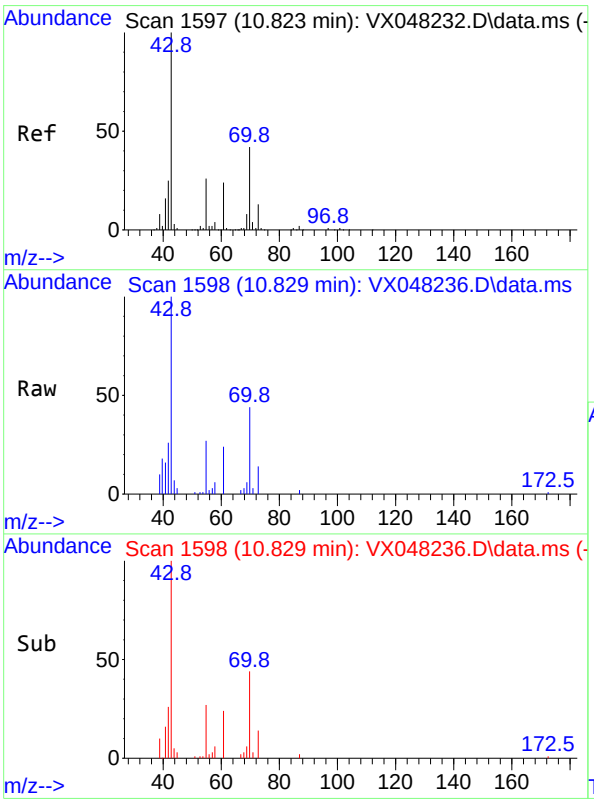
#73
Isopropylbenzene
Concen: 4.900 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 37935

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	38.9

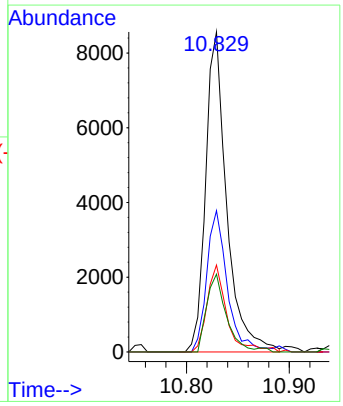


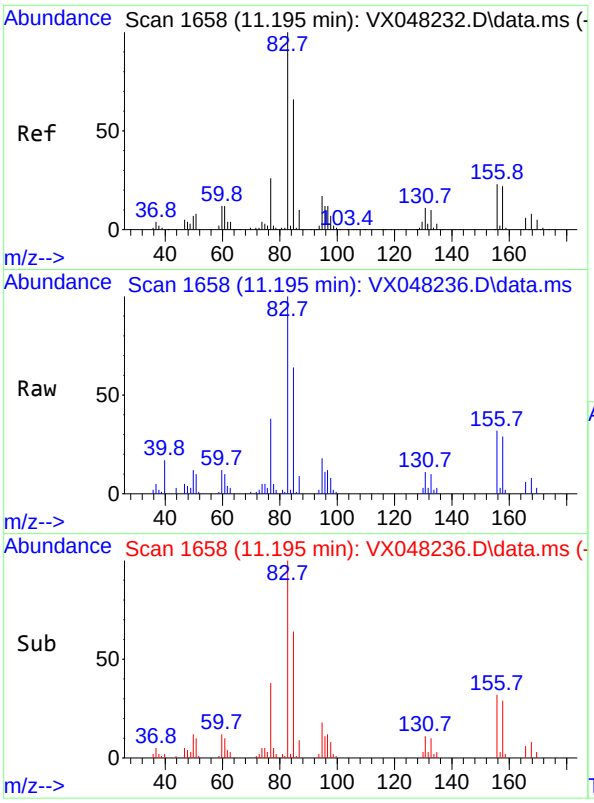


#74
N-amyl acetate
Concen: 4.438 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 43 Resp: 12188

Ion	Ratio	Lower	Upper
43	100		
70	43.3	32.2	48.2
55	25.7	19.1	28.7
61	23.1	18.6	28.0



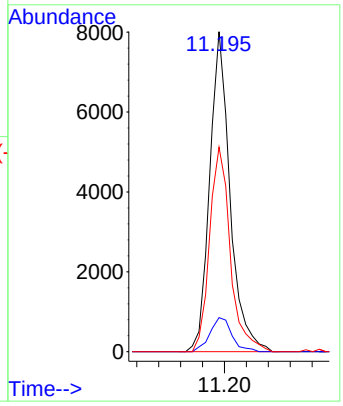


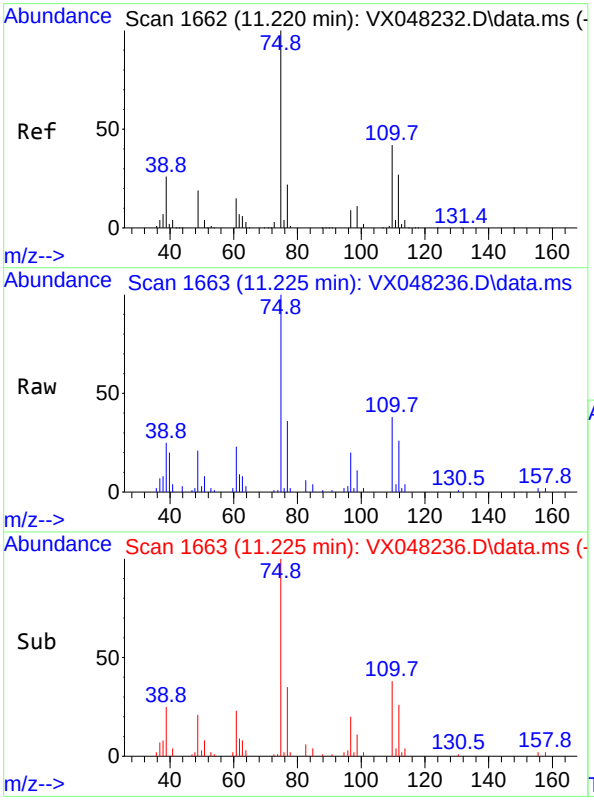
#75
1,1,2,2-Tetrachloroethane
Concen: 4.883 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 10324

Ion	Ratio	Lower	Upper
83	100		
131	11.5	4.8	14.4
85	65.0	31.9	95.7

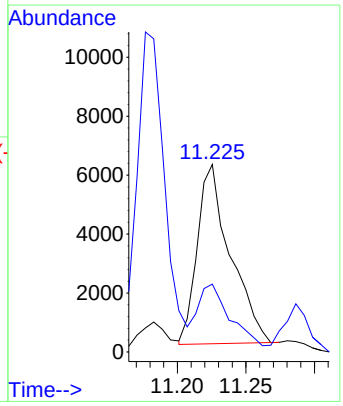


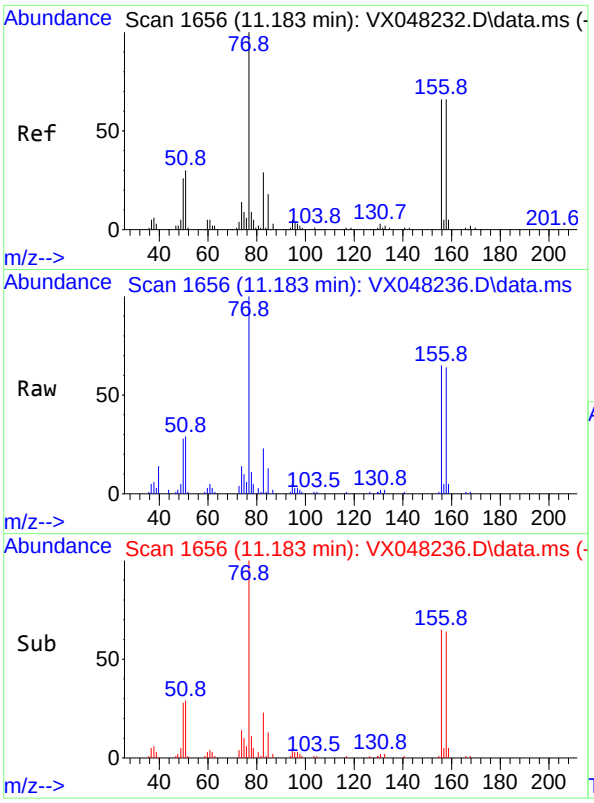


#76
1,2,3-Trichloropropane
Concen: 5.944 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 10217

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.4	67.2



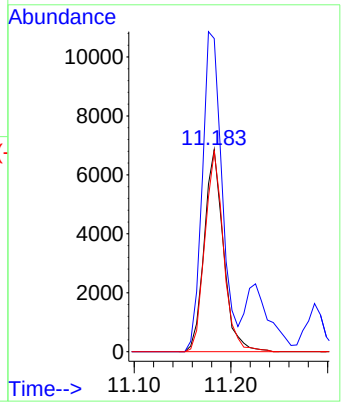


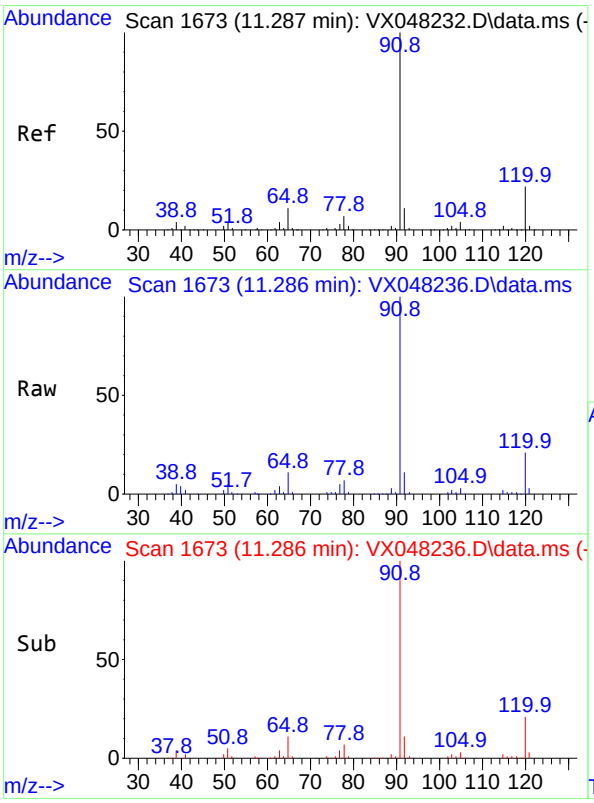
#77
Bromobenzene
Concen: 4.898 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 9508

Ion	Ratio	Lower	Upper
156	100		
77	162.1	87.0	261.0
158	96.5	47.8	143.4

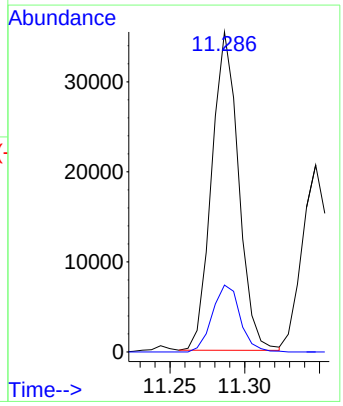


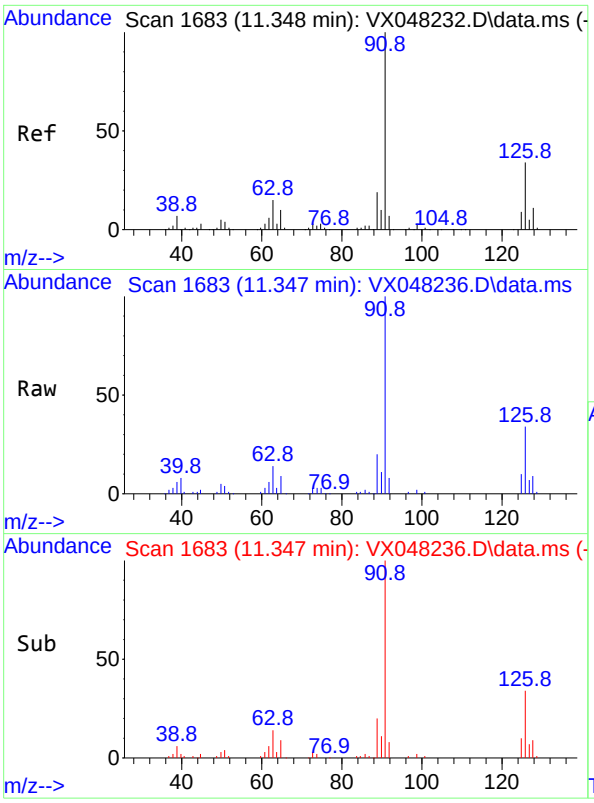


#78
n-propylbenzene
Concen: 4.930 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 44189

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.1	33.1



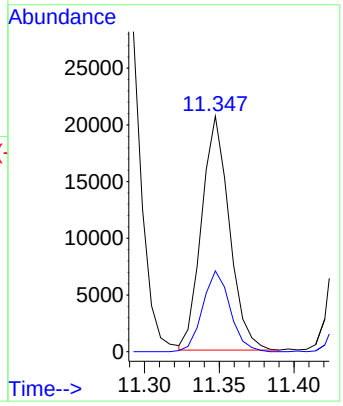


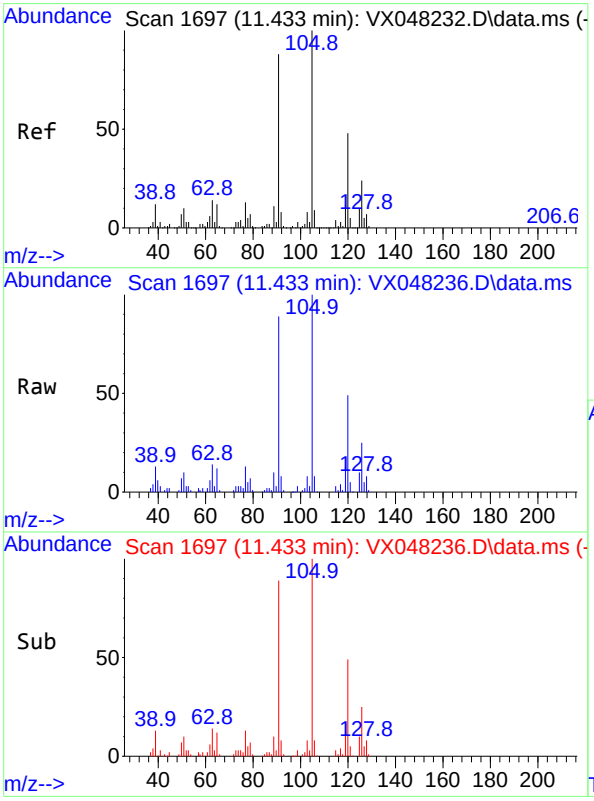
#79
2-Chlorotoluene
Concen: 4.899 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26627

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

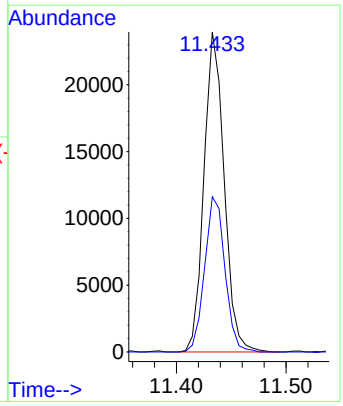


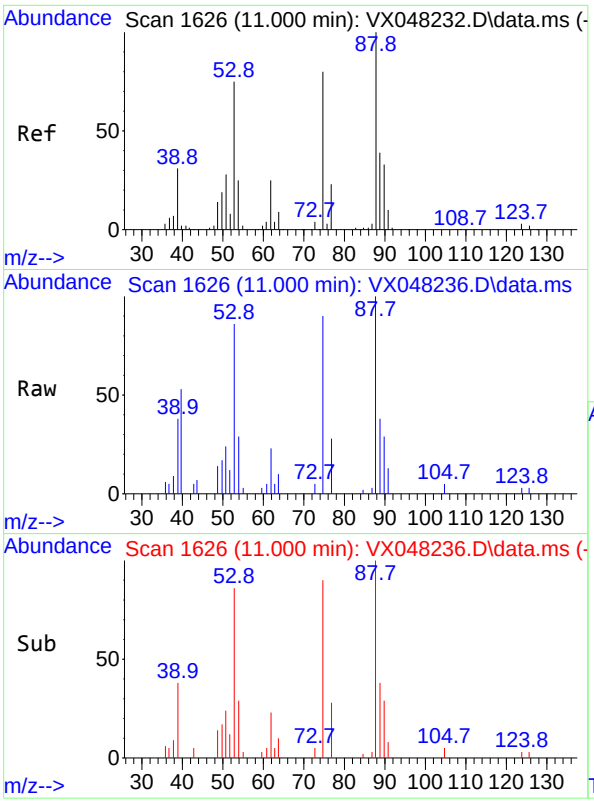


#80
1,3,5-Trimethylbenzene
Concen: 4.779 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 30618

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.0	72.0



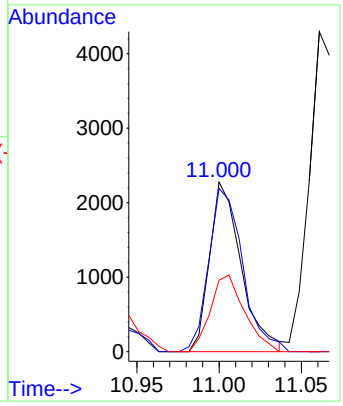


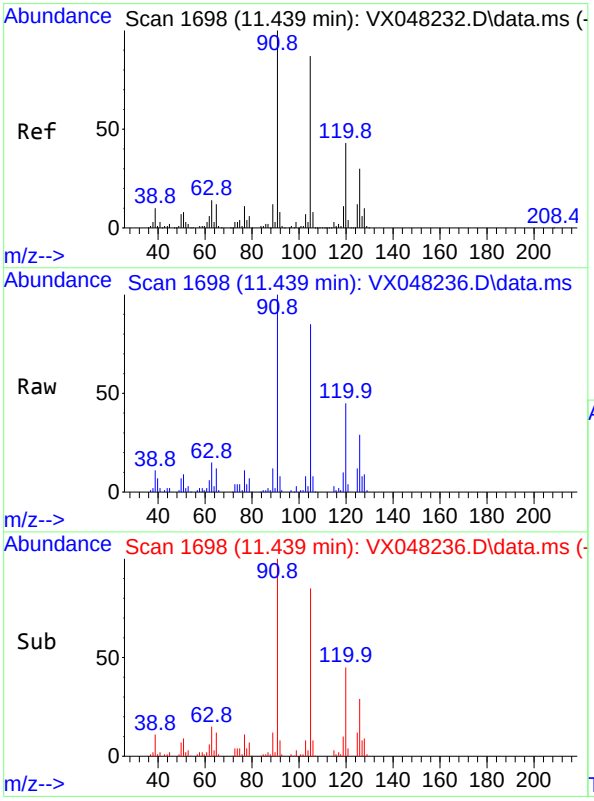
#81
trans-1,4-Dichloro-2-butene
Concen: 4.300 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 3038

Ion	Ratio	Lower	Upper
75	100		
53	103.8	79.5	119.3
89	49.0	36.8	55.2

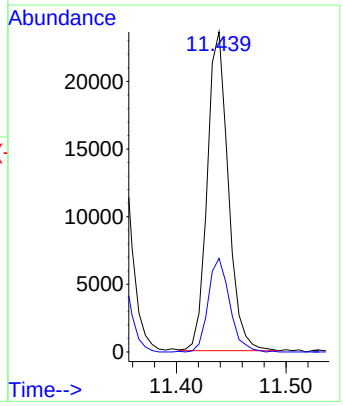


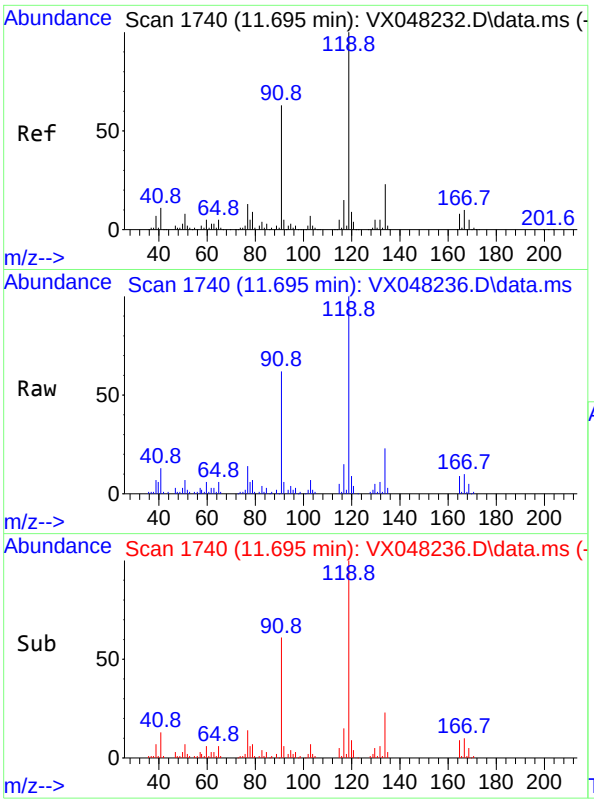


#82
4-Chlorotoluene
Concen: 4.860 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 91 Resp: 31357

Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.1	42.4



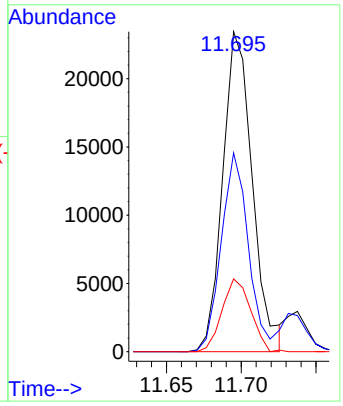


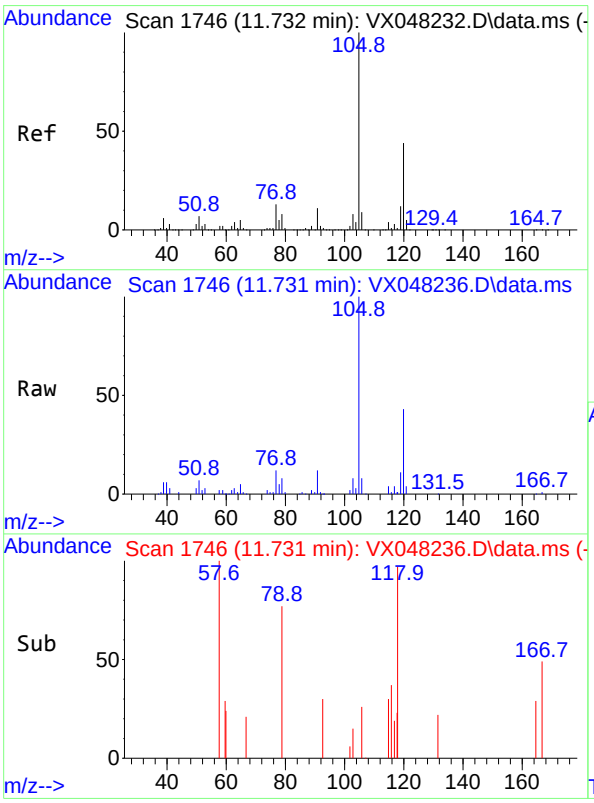
#83
tert-Butylbenzene
Concen: 4.906 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 32297

Ion	Ratio	Lower	Upper
119	100		
91	56.8	30.3	91.0
134	22.0	11.4	34.2

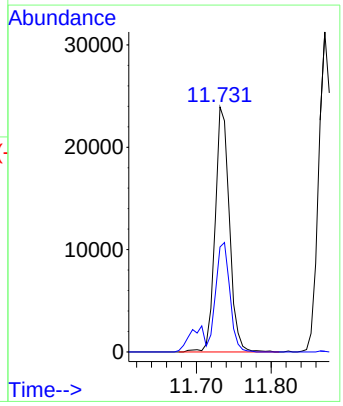


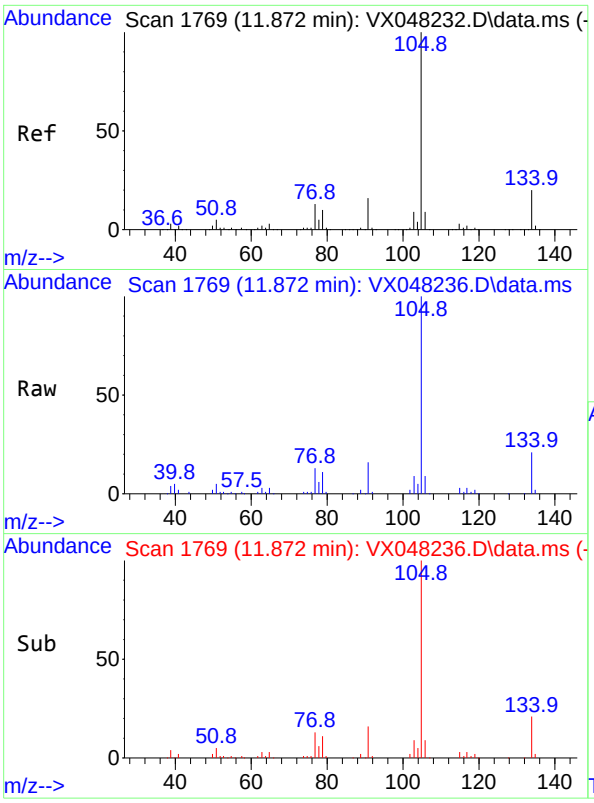


#84
1,2,4-Trimethylbenzene
Concen: 4.959 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:105 Resp: 31709

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5



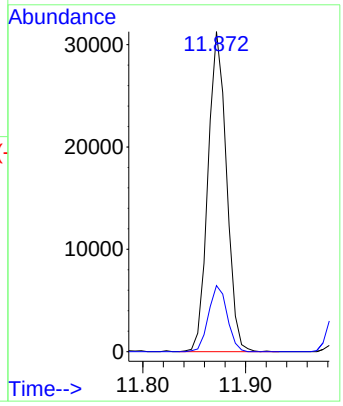


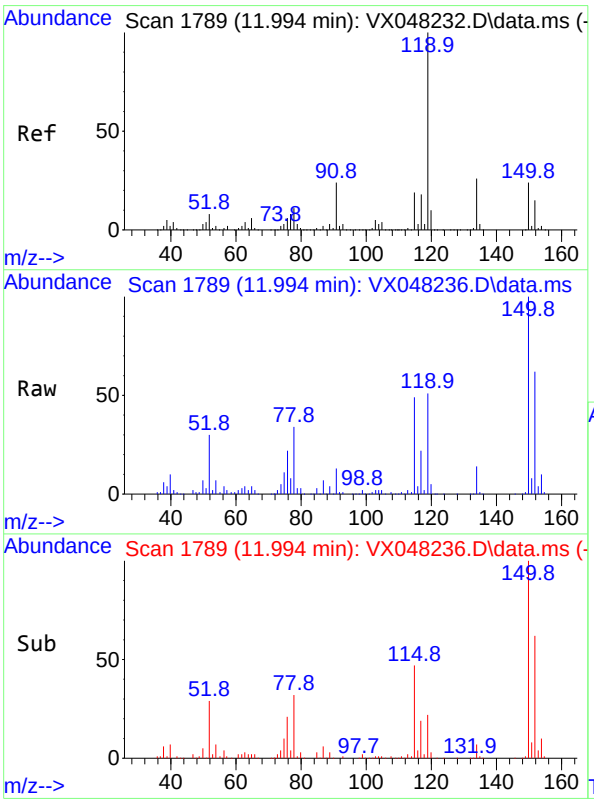
#85
sec-Butylbenzene
Concen: 4.939 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 39113

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.1	30.1

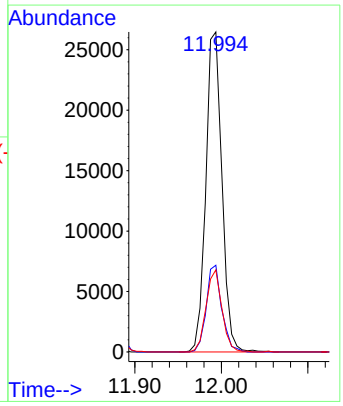


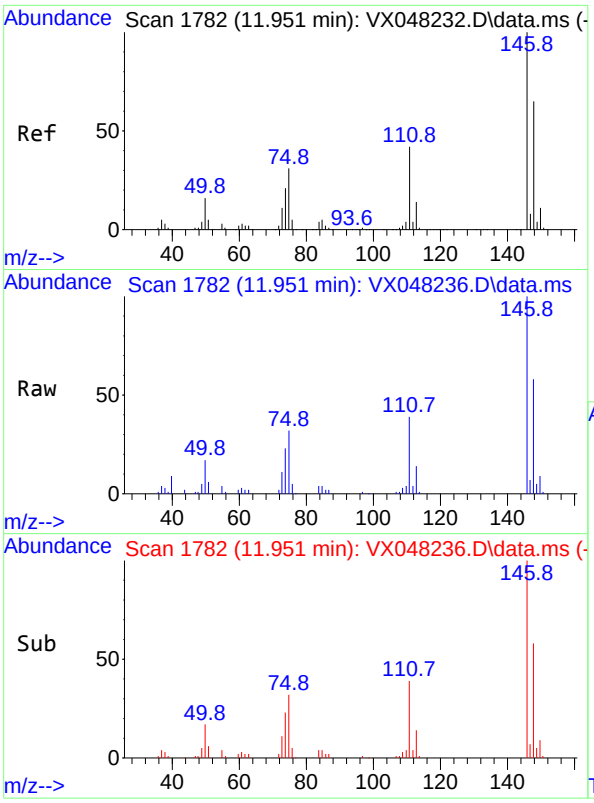


#86
p-Isopropyltoluene
Concen: 4.989 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:119 Resp: 34155

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	25.3	12.1	36.3



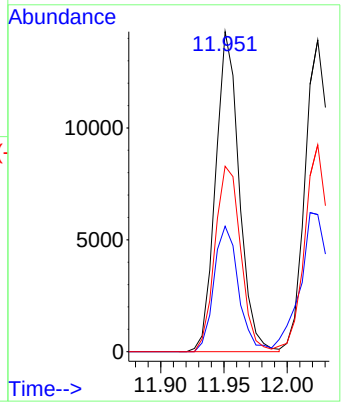


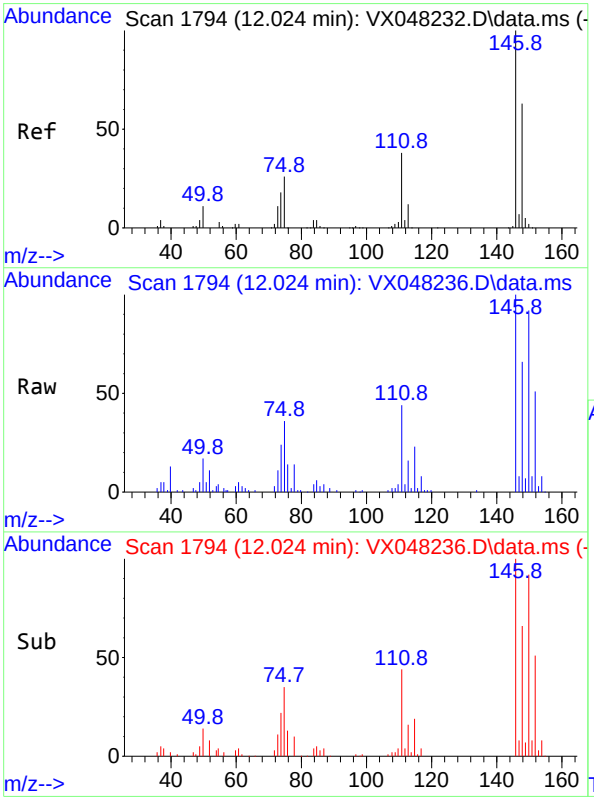
#87
1,3-Dichlorobenzene
Concen: 5.068 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 18546

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.1	31.9	95.9

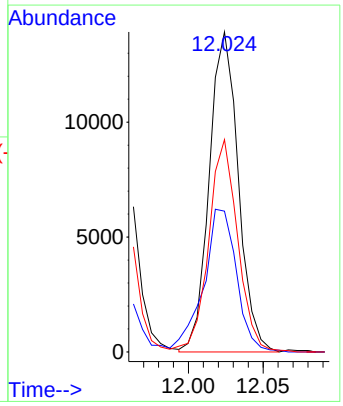


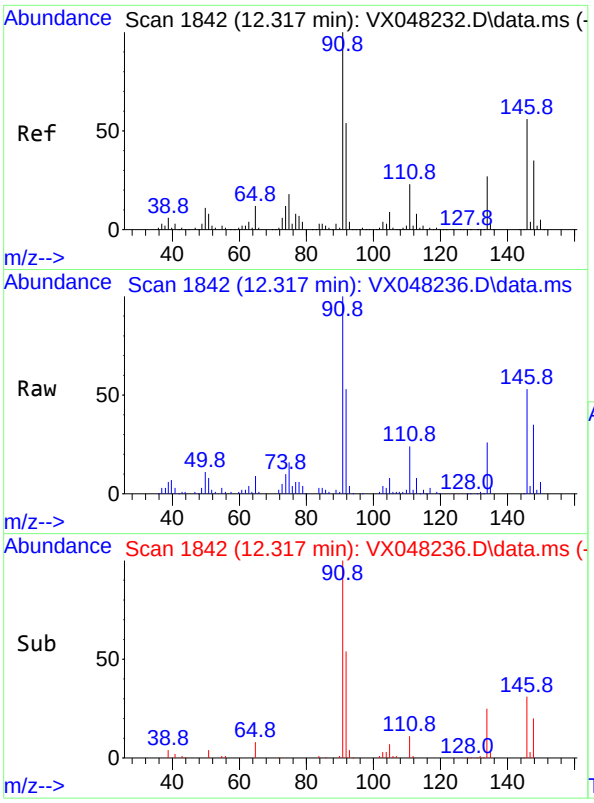


#88
1,4-Dichlorobenzene
Concen: 4.955 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:146 Resp: 18787

Ion	Ratio	Lower	Upper
146	100		
111	50.9	20.1	60.2
148	66.5	31.8	95.3



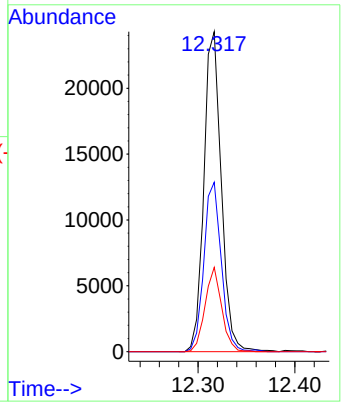


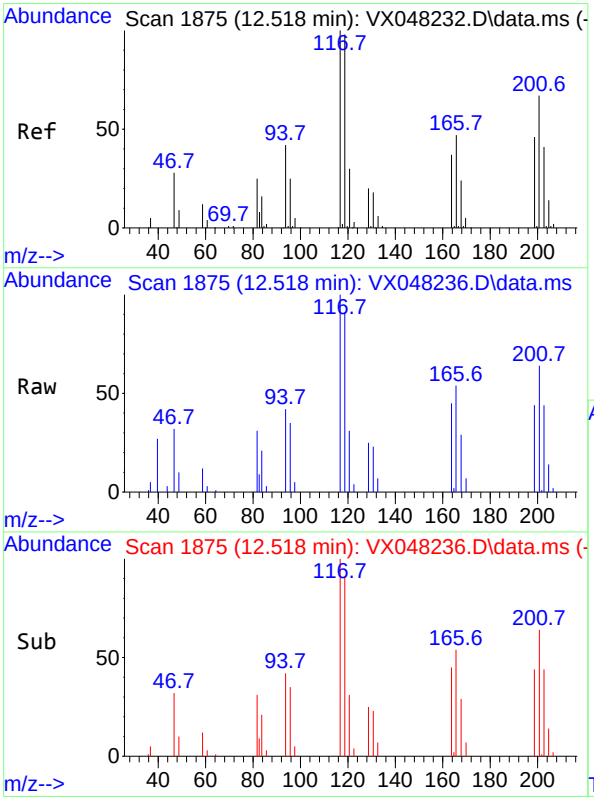
#89
n-Butylbenzene
Concen: 4.880 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 30409

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	25.2	12.7	38.1

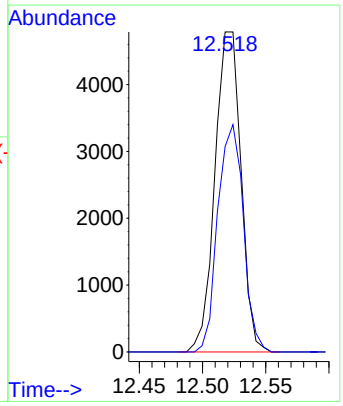


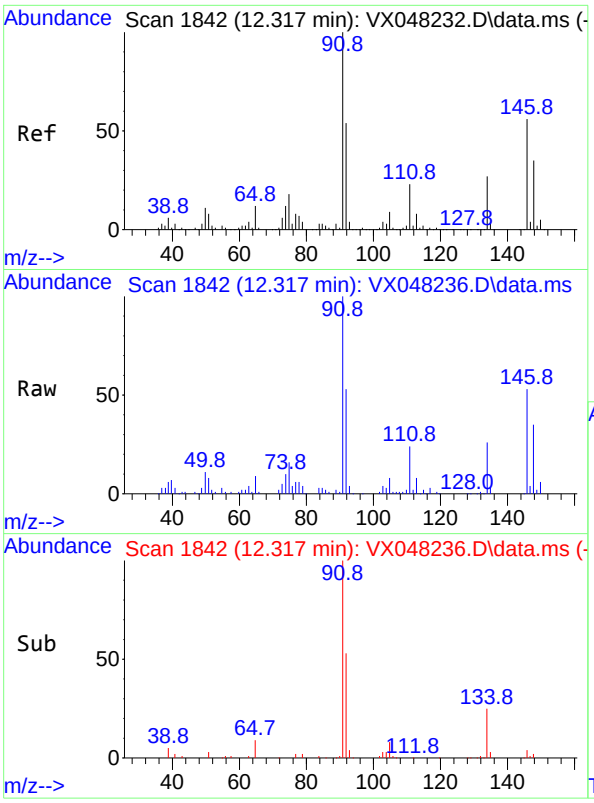


#90
Hexachloroethane
Concen: 5.077 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:117 Resp: 6863

Ion	Ratio	Lower	Upper
117	100		
201	69.4	34.1	102.2



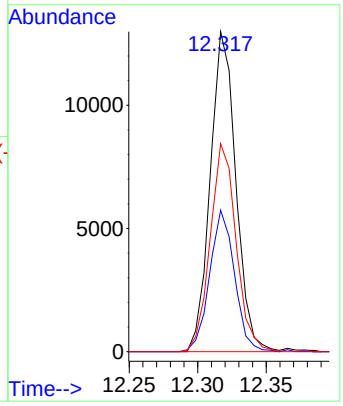


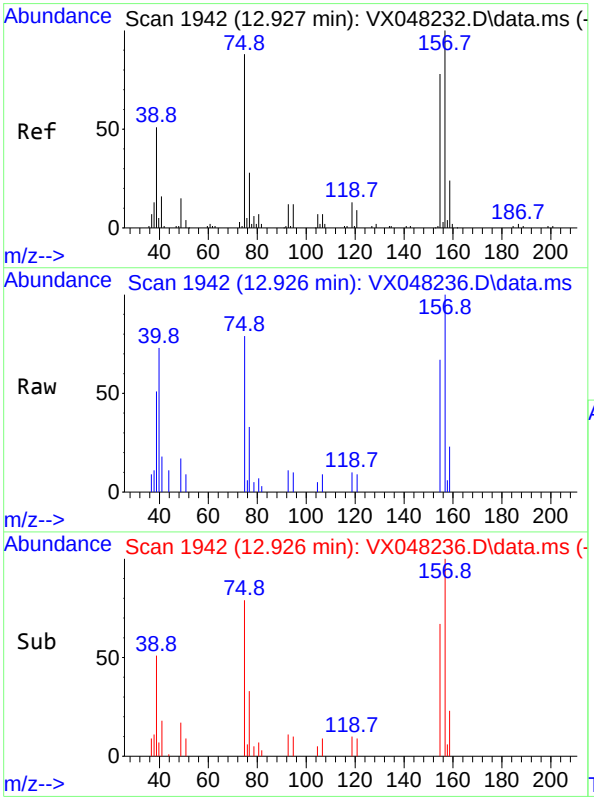
#91
1,2-Dichlorobenzene
Concen: 4.904 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 16849

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.5
148	65.9	31.9	95.5

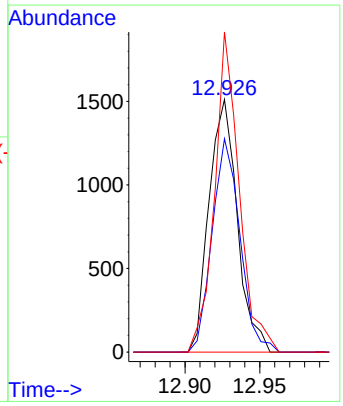


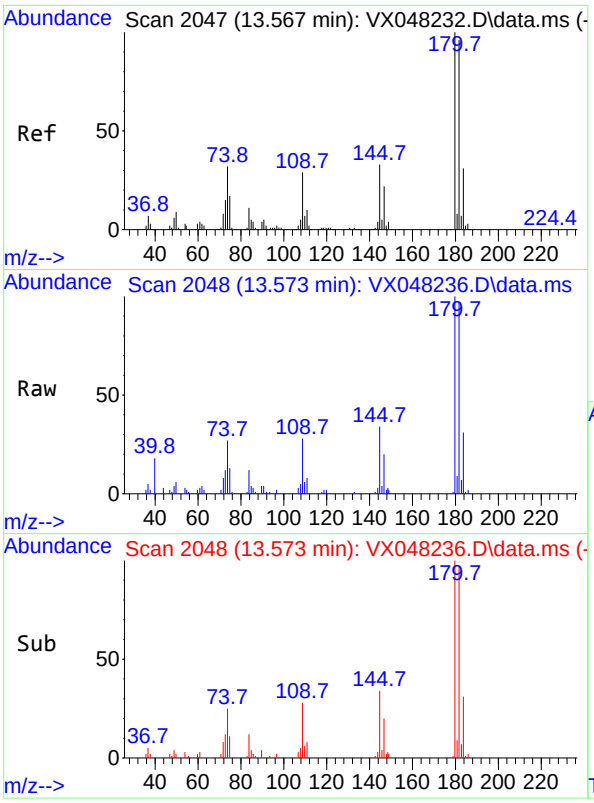


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.623 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion: 75 Resp: 1984

Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.8	128.4
157	110.7	54.2	162.6



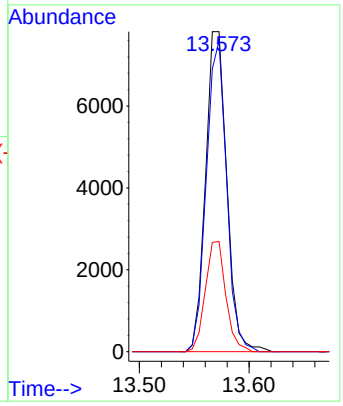


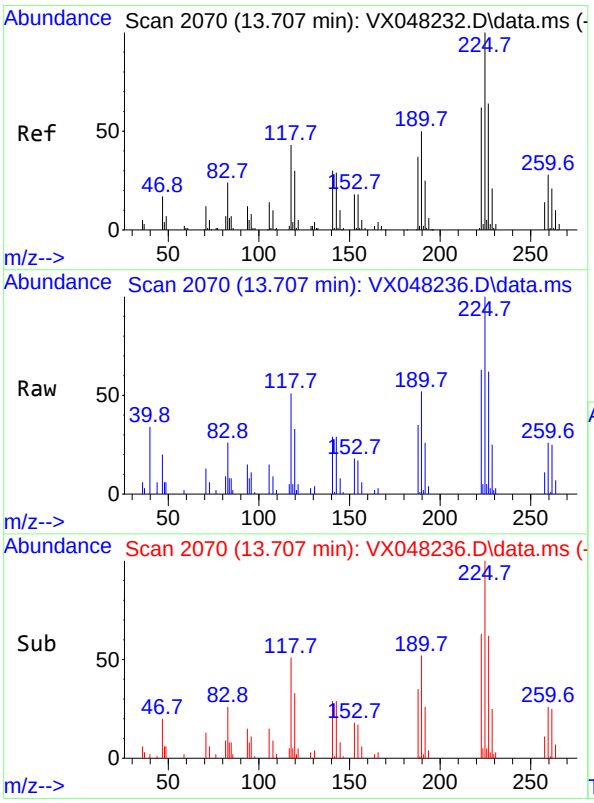
#93
1,2,4-Trichlorobenzene
Concen: 4.535 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 10538

Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	33.2	16.3	48.9

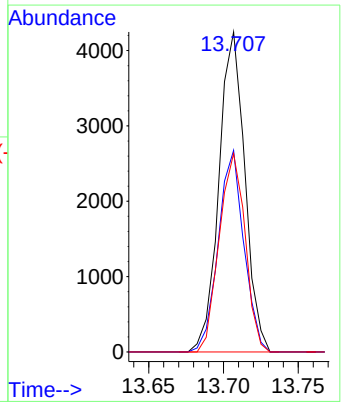


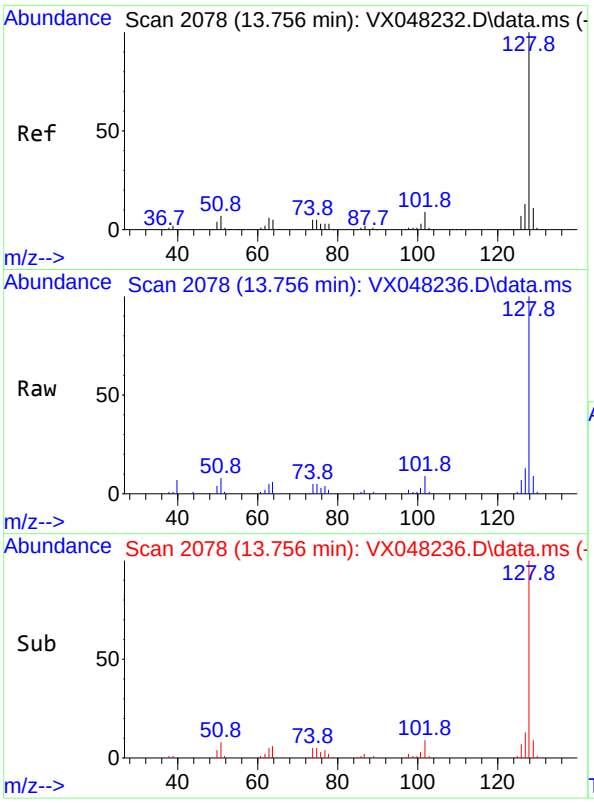


#94
Hexachlorobutadiene
Concen: 5.931 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:225 Resp: 5113

Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.6	97.7
227	62.0	32.5	97.4



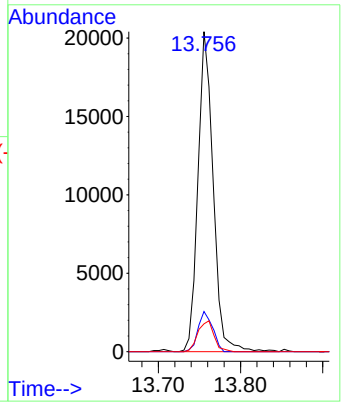


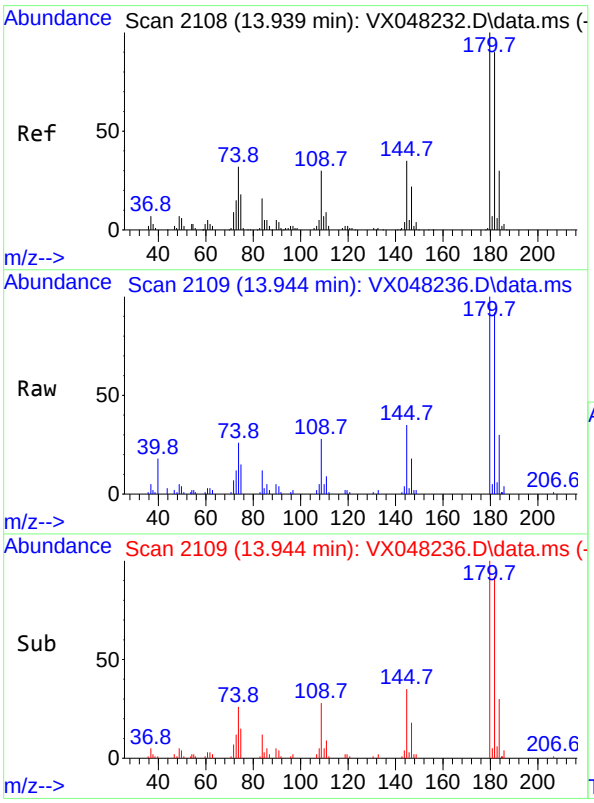
#95
Naphthalene
Concen: 4.259 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 26218

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	10.2	8.6	12.8

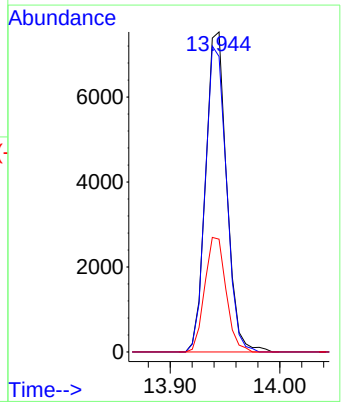




#96
1,2,3-Trichlorobenzene
Concen: 4.709 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048236.D
Acq: 20 Oct 2025 13:49

Tgt Ion:180 Resp: 10040

Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	36.3	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	144715	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	229650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	99108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	92700	45.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.380%			
35) Dibromofluoromethane	5.367	113	76746	48.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.628	98	265898	48.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.061	95	97828	46.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	76365	51.331	ug/l	99
3) Chloromethane	1.301	50	74279	53.491	ug/l	99
4) Vinyl Chloride	1.380	62	71290	55.441	ug/l	99
5) Bromomethane	1.611	94	47863	54.847	ug/l	96
6) Chloroethane	1.691	64	42556	56.320	ug/l	95
7) Trichlorofluoromethane	1.892	101	128754	52.209	ug/l	97
8) Diethyl Ether	2.136	74	37292	53.742	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	83688	53.589	ug/l	96
10) Methyl Iodide	2.453	142	94222	47.994	ug/l	99
11) Tert butyl alcohol	2.934	59	45064	223.693	ug/l	98
12) 1,1-Dichloroethene	2.319	96	79070	52.043	ug/l	92
13) Acrolein	2.233	56	51257	249.473	ug/l	98
14) Allyl chloride	2.660	41	128896	51.099	ug/l	97
15) Acrylonitrile	3.050	53	182260	250.900	ug/l	100
16) Acetone	2.373	43	152988	219.789	ug/l	96
17) Carbon Disulfide	2.514	76	233630	48.792	ug/l	99
18) Methyl Acetate	2.697	43	71506	49.190	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	254812	49.162	ug/l	98
20) Methylene Chloride	2.782	84	86610	51.066	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	85000	50.932	ug/l	96
22) Diisopropyl ether	3.745	45	259934	51.665	ug/l	99
23) Vinyl Acetate	3.709	43	1045584	260.168	ug/l	97
24) 1,1-Dichloroethane	3.599	63	150557	49.490	ug/l	99
25) 2-Butanone	4.532	43	209999	238.354	ug/l	97
26) 2,2-Dichloropropane	4.458	77	132433	48.230	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	98066	50.350	ug/l	96
28) Bromochloromethane	4.879	49	58764	46.587	ug/l	87
29) Tetrahydrofuran	4.977	42	127995	242.572	ug/l	95
30) Chloroform	5.074	83	157397	48.427	ug/l	99
31) Cyclohexane	5.458	56	132594	52.646	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	144706	48.309	ug/l	98
36) 1,1-Dichloropropene	5.672	75	109957	49.344	ug/l	100
37) Ethyl Acetate	4.690	43	88074	47.684	ug/l	98
38) Carbon Tetrachloride	5.659	117	132590	48.228	ug/l	99
39) Methylcyclohexane	7.360	83	138611	52.670	ug/l	94
40) Benzene	6.019	78	325041	50.241	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	48846	50.358	ug/l		95
42) 1,2-Dichloroethane	6.068	62	116893	48.963	ug/l		98
43) Isopropyl Acetate	6.318	43	151140	49.816	ug/l		95
44) Trichloroethene	7.104	130	86410	50.582	ug/l		96
45) 1,2-Dichloropropane	7.409	63	78439	50.994	ug/l		98
46) Dibromomethane	7.562	93	58616	48.913	ug/l		94
47) Bromodichloromethane	7.799	83	125388	48.459	ug/l		99
48) Methyl methacrylate	7.671	41	75812	49.519	ug/l		94
49) 1,4-Dioxane	7.635	88	20230	1000.197	ug/l		90
51) 4-Methyl-2-Pentanone	8.555	43	428393	244.897	ug/l		95
52) Toluene	8.702	92	205867	50.088	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	124683	50.004	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	134360	49.944	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	75808	49.597	ug/l		98
56) Ethyl methacrylate	9.098	69	111702	49.964	ug/l		94
57) 1,3-Dichloropropane	9.287	76	128519	49.226	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	290992	242.124	ug/l		96
59) 2-Hexanone	9.409	43	300183	246.102	ug/l		96
60) Dibromochloromethane	9.500	129	97643	47.530	ug/l		99
61) 1,2-Dibromoethane	9.592	107	80363	49.319	ug/l		97
64) Tetrachloroethene	9.256	164	73198	48.686	ug/l		95
65) Chlorobenzene	10.061	112	226953	50.095	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.140	131	81561	49.014	ug/l		99
67) Ethyl Benzene	10.177	91	391830	50.798	ug/l		99
68) m/p-Xylenes	10.281	106	293516	102.416	ug/l		99
69) o-Xylene	10.622	106	139515	50.424	ug/l		99
70) Styrene	10.634	104	243341	51.651	ug/l		100
71) Bromoform	10.781	173	64170	48.250	ug/l	#	99
73) Isopropylbenzene	10.945	105	373948	51.658	ug/l		100
74) N-amyl acetate	10.823	43	131979	51.399	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	98715	49.936	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	111265	69.229	ug/l		82
77) Bromobenzene	11.177	156	91000	50.135	ug/l		94
78) n-propylbenzene	11.287	91	435662	51.980	ug/l		99
79) 2-Chlorotoluene	11.341	91	257936	50.760	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	305027	50.918	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	33027	49.995	ug/l		96
82) 4-Chlorotoluene	11.433	91	304670	50.507	ug/l		98
83) tert-Butylbenzene	11.695	119	309524	50.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	308529	51.607	ug/l		100
85) sec-Butylbenzene	11.872	105	379368	51.230	ug/l		100
86) p-Isopropyltoluene	11.988	119	324425	50.686	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	165027	48.229	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	168102	47.423	ug/l		99
89) n-Butylbenzene	12.311	91	289706	49.728	ug/l		99
90) Hexachloroethane	12.518	117	61223	48.437	ug/l		95
91) 1,2-Dichlorobenzene	12.317	146	157812	49.123	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19691	49.072	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	101983	46.941	ug/l		99
94) Hexachlorobutadiene	13.707	225	39299	48.274	ug/l		99
95) Naphthalene	13.756	128	289882	50.362	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	96139	48.223	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

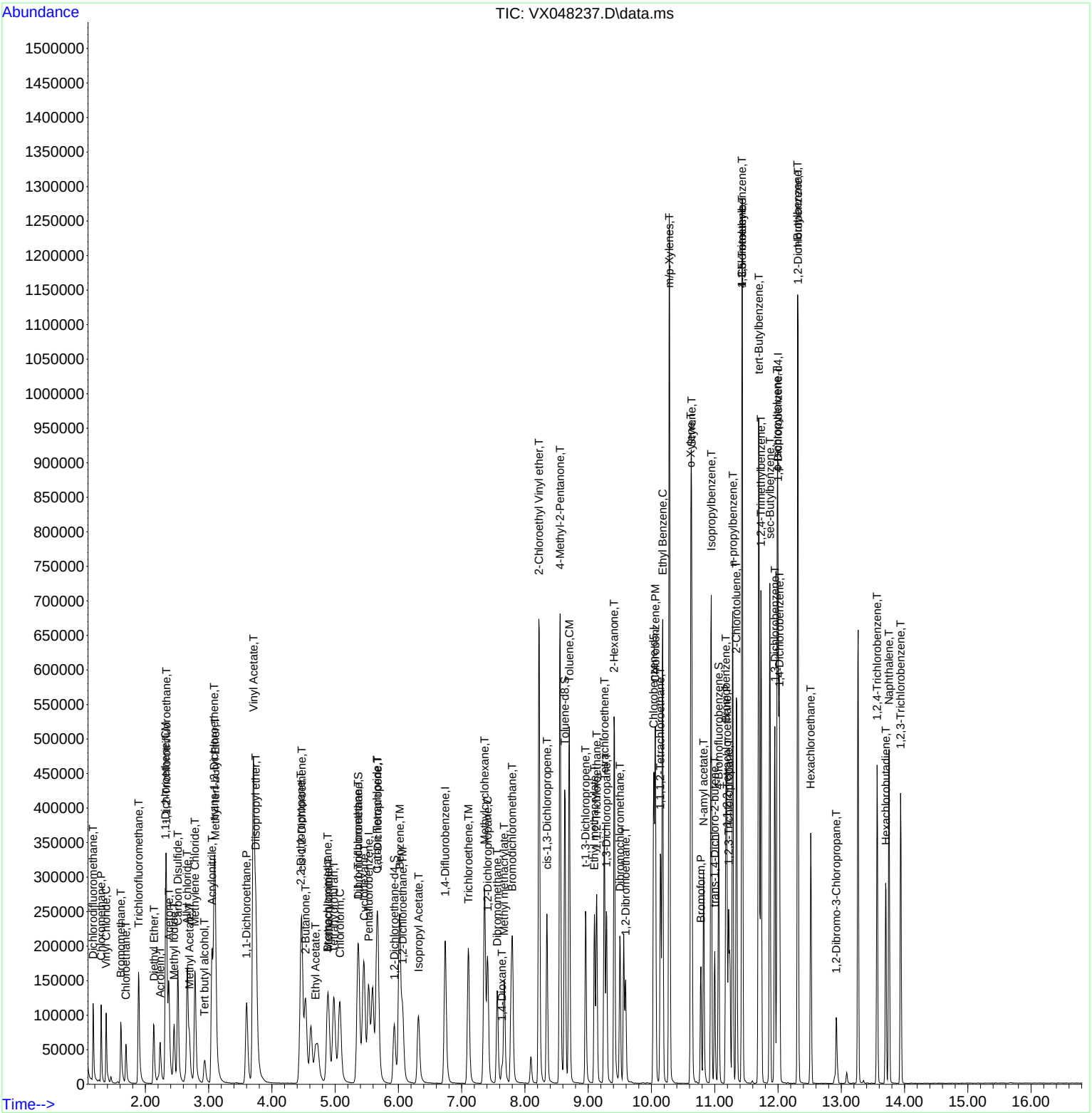
(#) = qualifier out of range (m) = manual integration (+) = signals summed

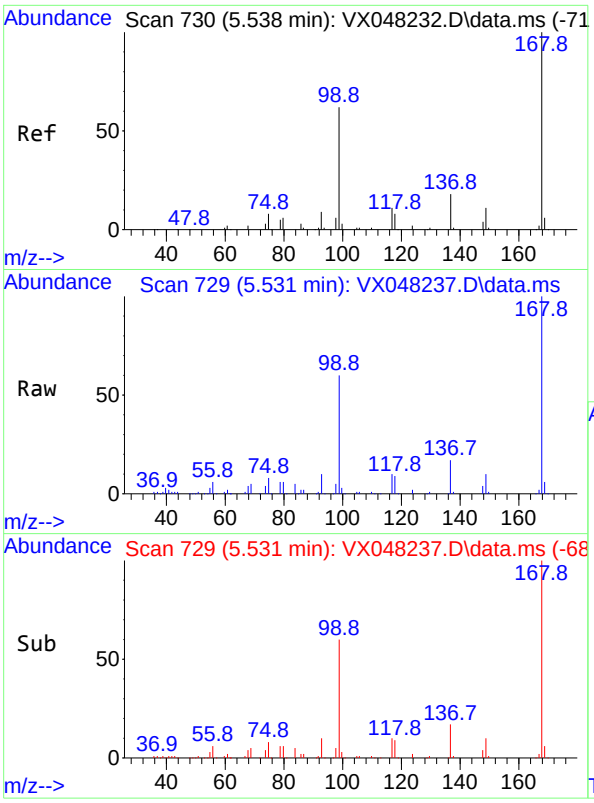
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048237.D
Acq On : 20 Oct 2025 14:28
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Quant Time: Oct 25 03:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



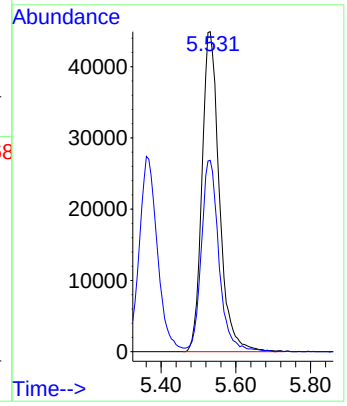


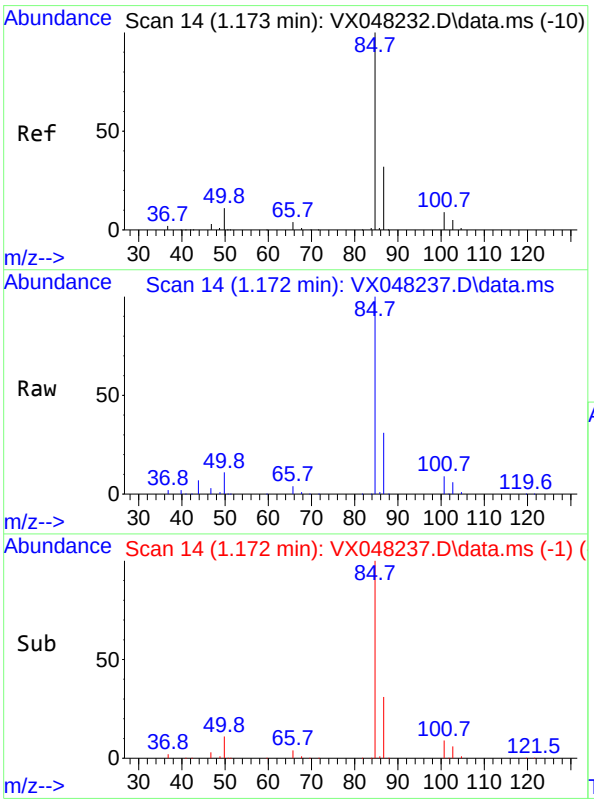
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:168 Resp: 144715

Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.4	69.6

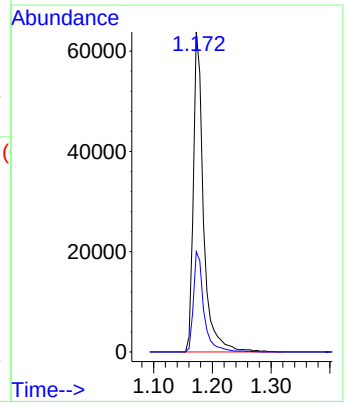


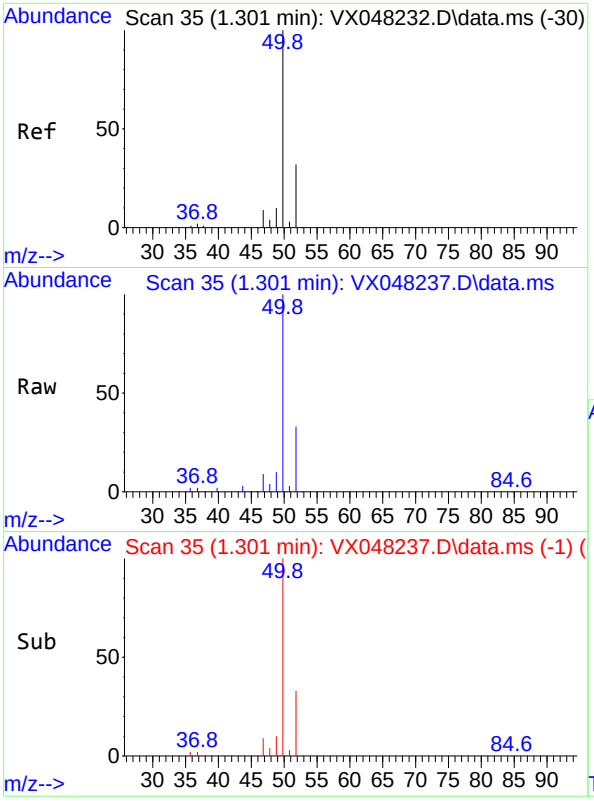


#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 85 Resp: 76365

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.3	45.9



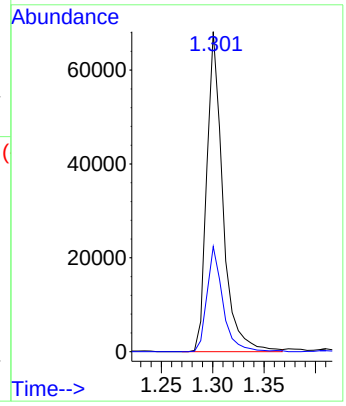


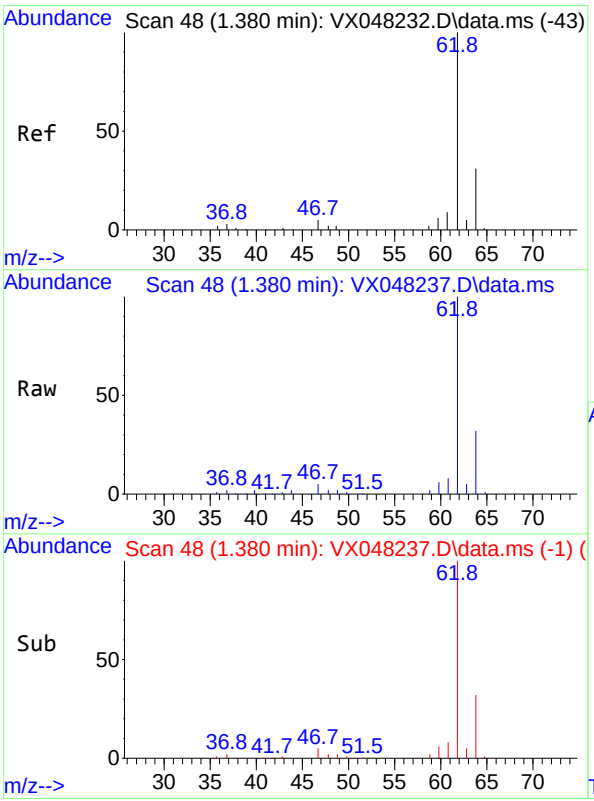
#3
Chloromethane
Concen: 53.491 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 50 Resp: 74279

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9

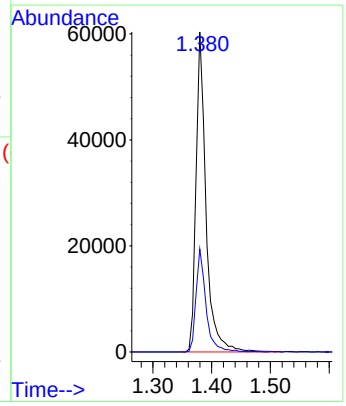


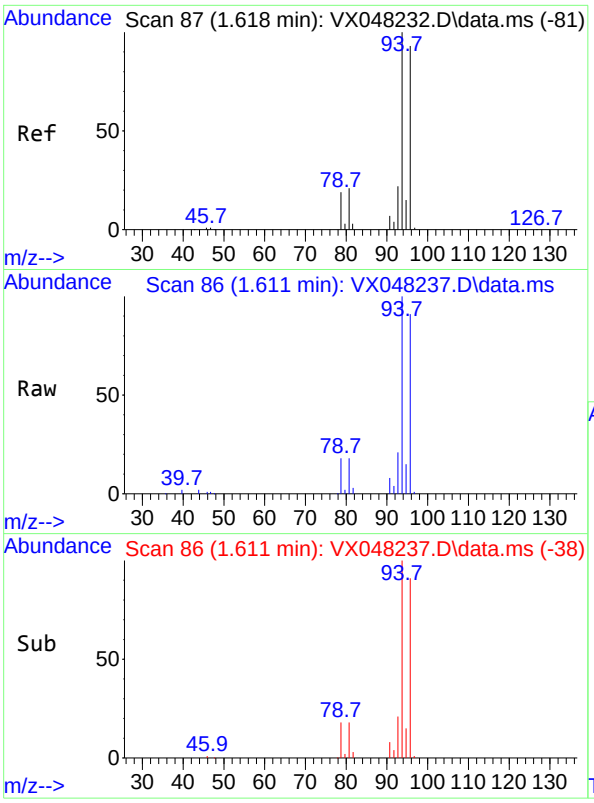


#4
Vinyl Chloride
Concen: 55.441 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 71290

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.1	37.7



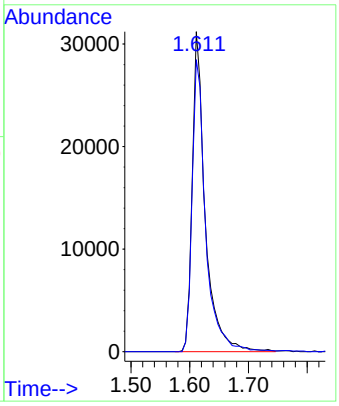


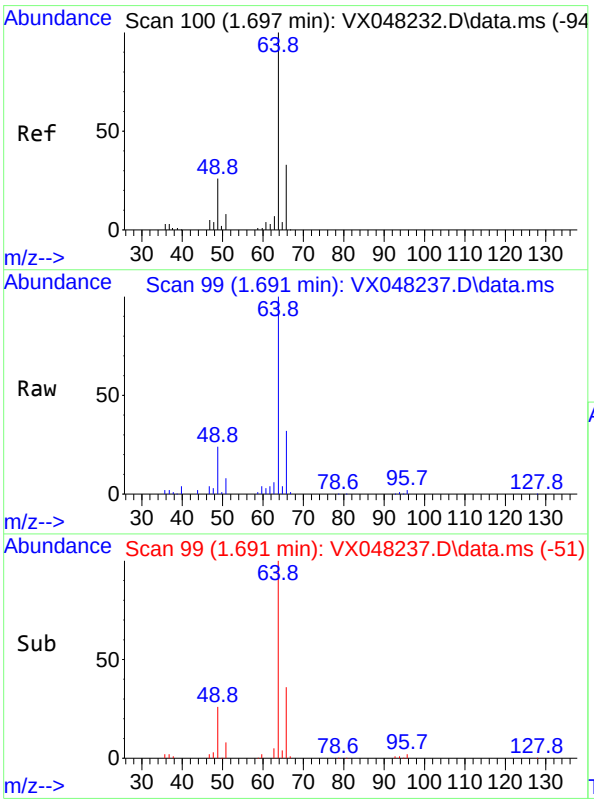
#5
Bromomethane
Concen: 54.847 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 94 Resp: 47863

Ion	Ratio	Lower	Upper
94	100		
96	91.2	76.0	114.0

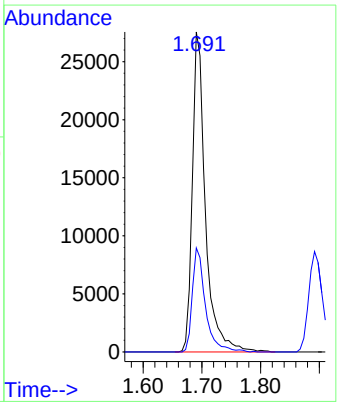


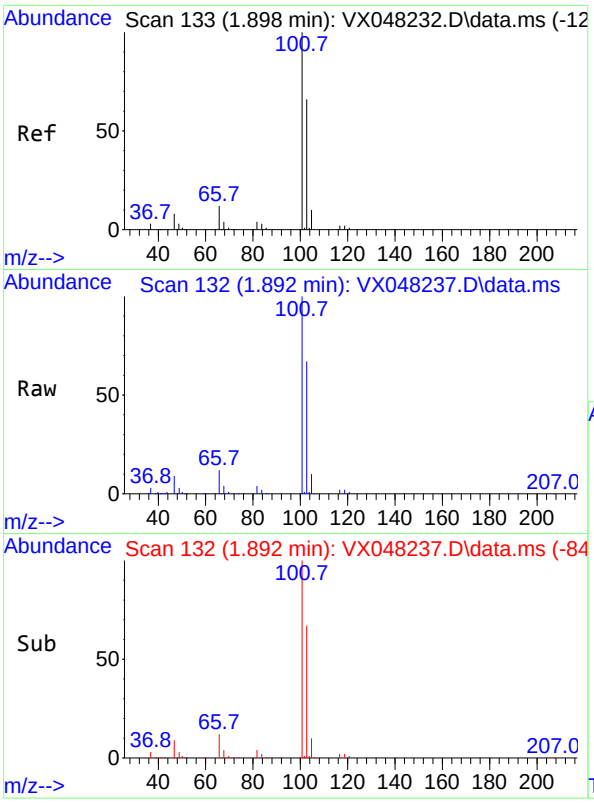


#6
Chloroethane
Concen: 56.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 64 Resp: 42556

Ion	Ratio	Lower	Upper
64	100		
66	32.5	23.9	35.9



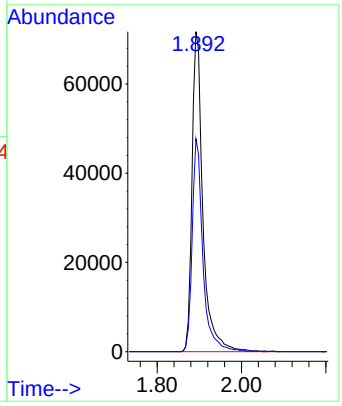


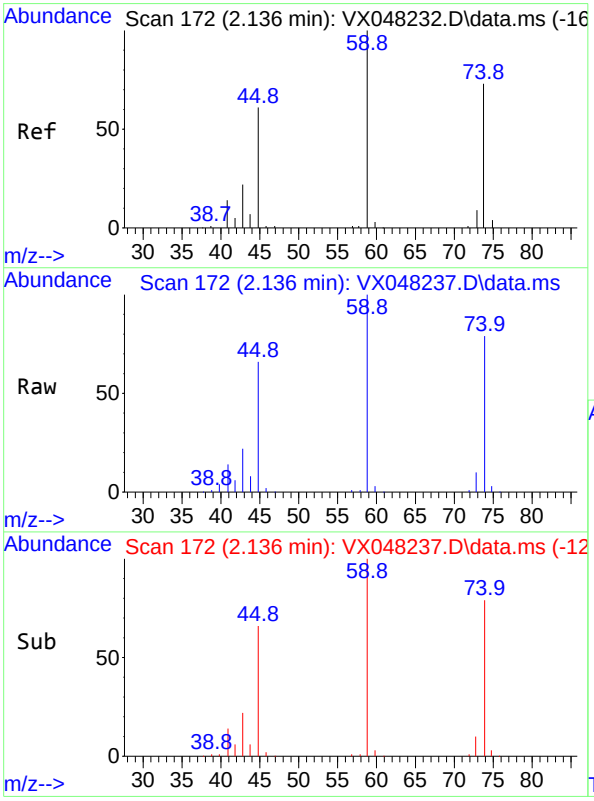
#7
Trichlorofluoromethane
Concen: 52.209 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:101 Resp: 128754

Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.6	77.4

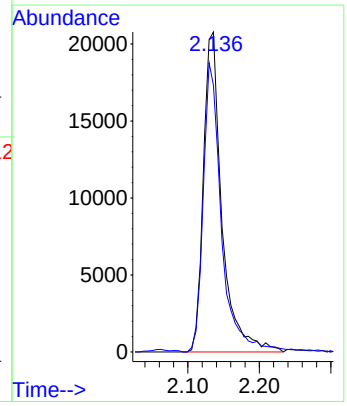


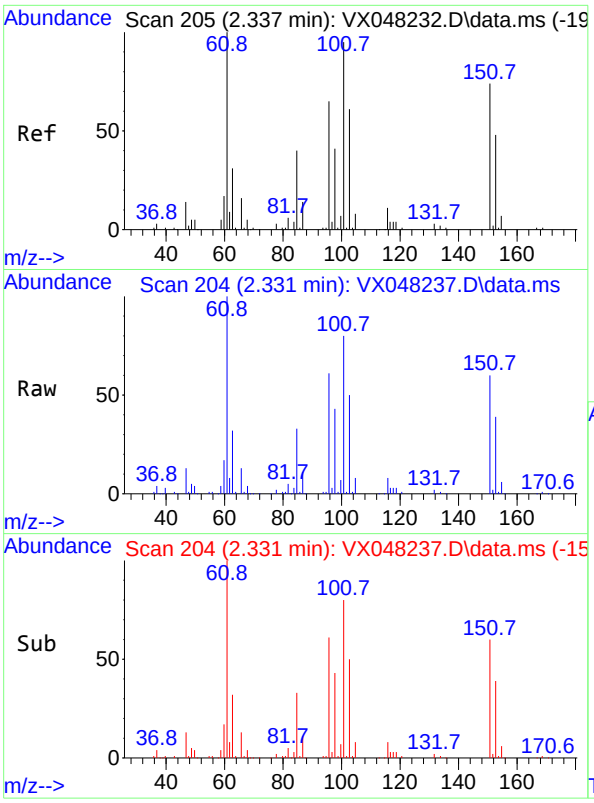


#8
Diethyl Ether
Concen: 53.742 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 74 Resp: 37292

Ion	Ratio	Lower	Upper
74	100		
45	89.3	50.0	149.8



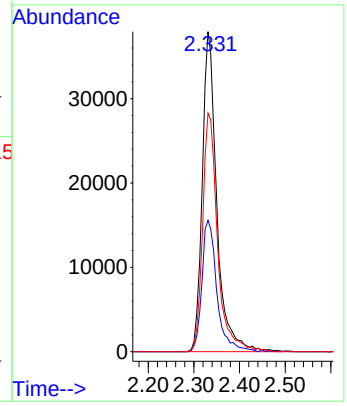


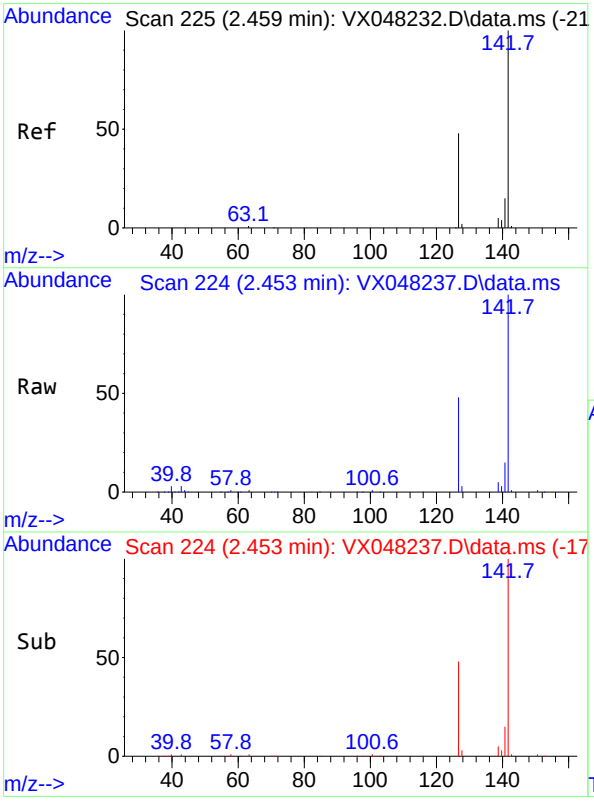
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.589 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:101 Resp: 83688

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	76.9	58.0	87.0

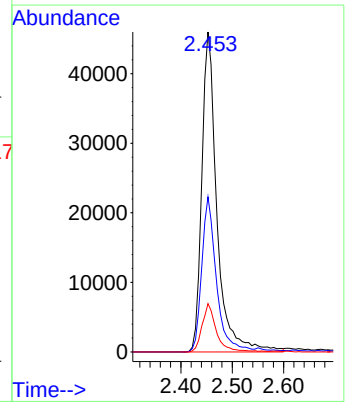


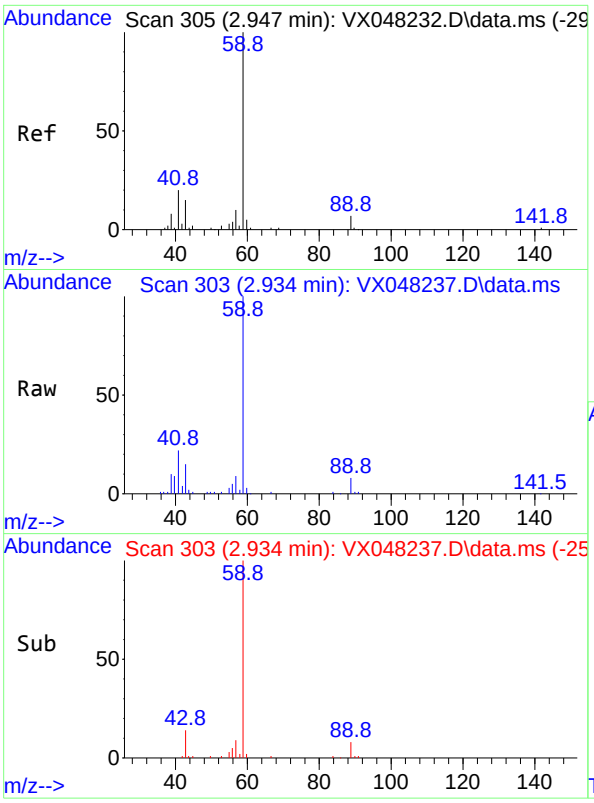


#10
Methyl Iodide
Concen: 47.994 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:142 Resp: 94222

Ion	Ratio	Lower	Upper
142	100		
127	46.9	38.5	57.7
141	14.3	11.6	17.4



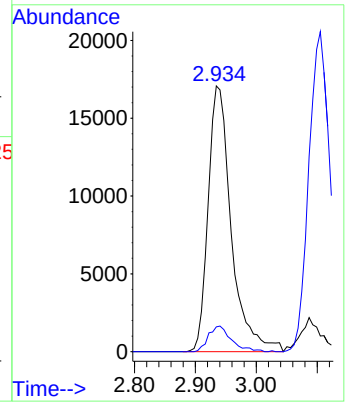


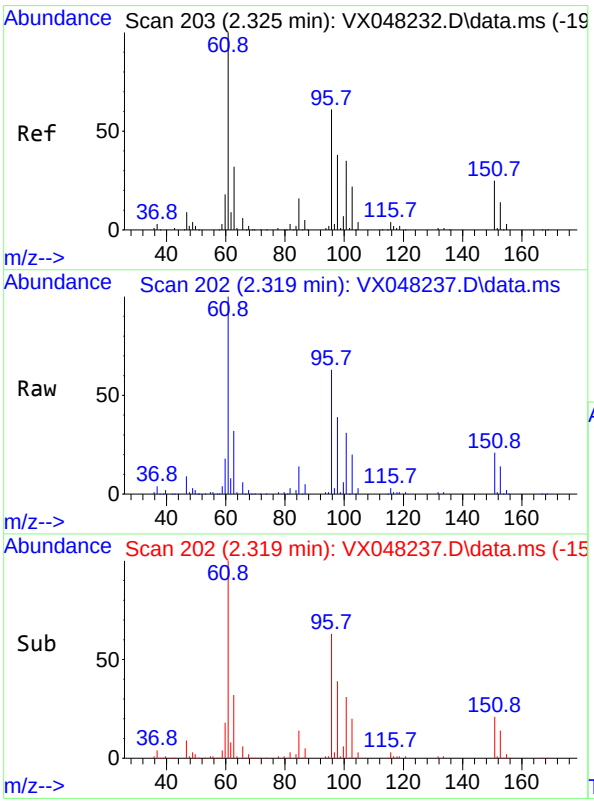
#11
Tert butyl alcohol
Concen: 223.693 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 59 Resp: 45064

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4

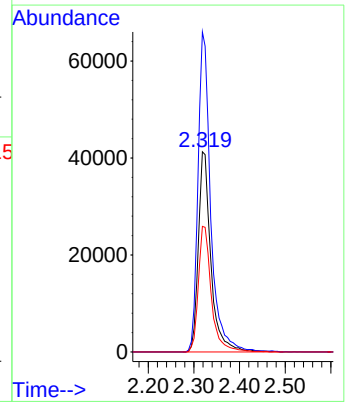


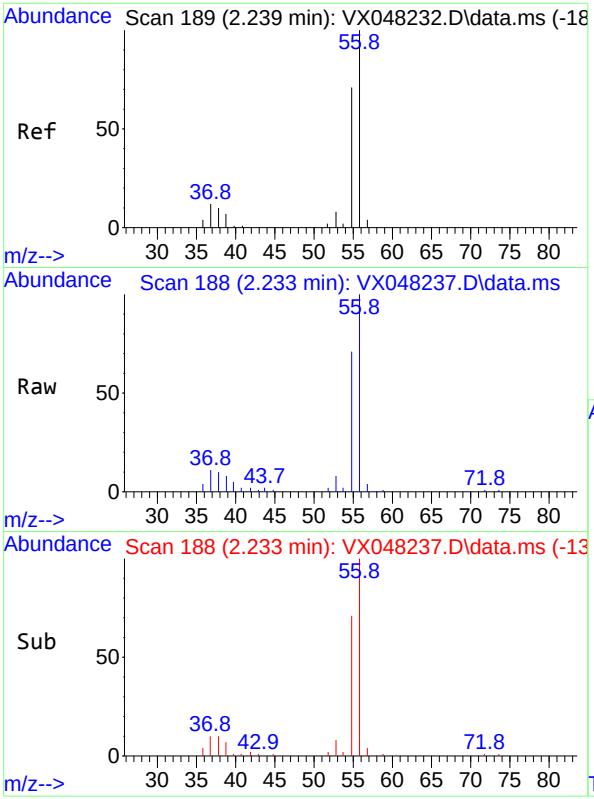


#12
1,1-Dichloroethene
Concen: 52.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 96 Resp: 79070

Ion	Ratio	Lower	Upper
96	100		
61	159.8	139.0	208.6
98	62.7	52.4	78.6



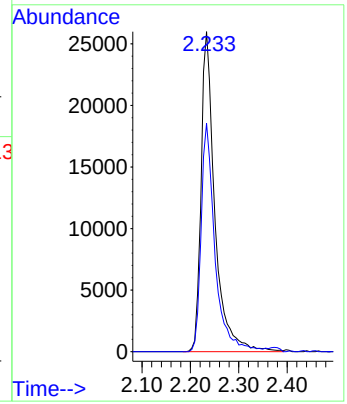


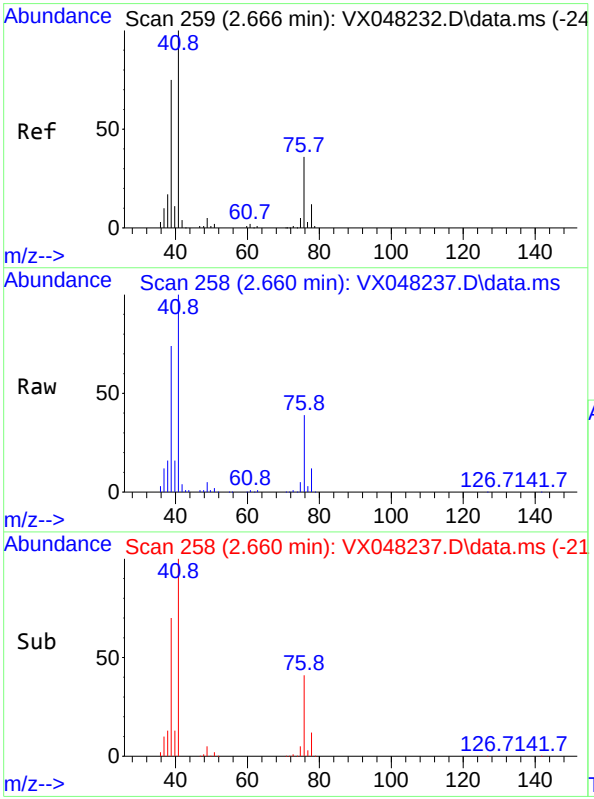
#13
Acrolein
Concen: 249.473 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 56 Resp: 51257

Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.1	84.1

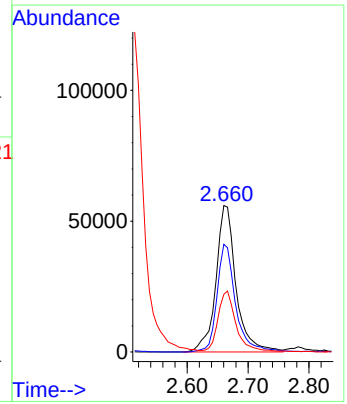


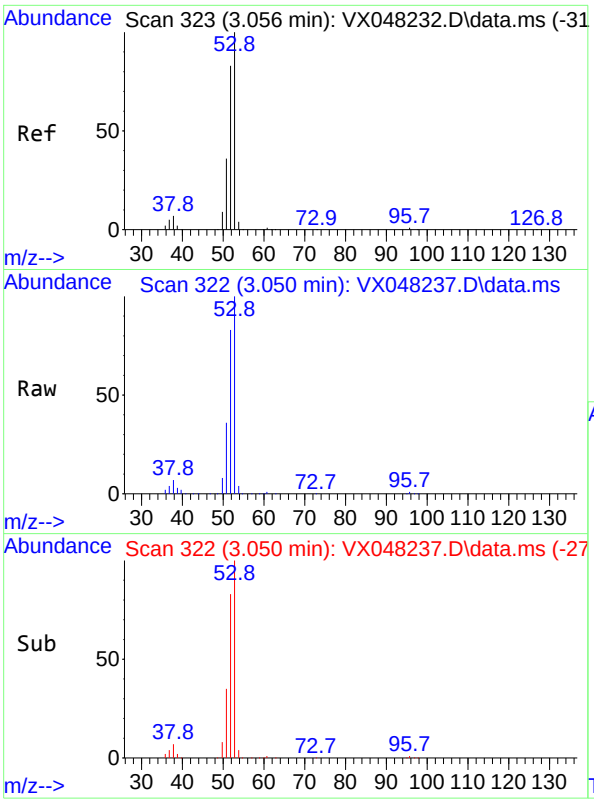


#14
Allyl chloride
Concen: 51.099 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 128896

Ion	Ratio	Lower	Upper
41	100		
39	68.0	56.0	84.0
76	37.0	27.5	41.3



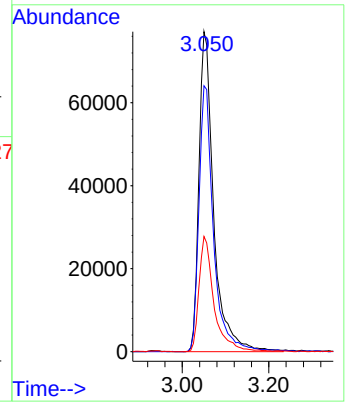


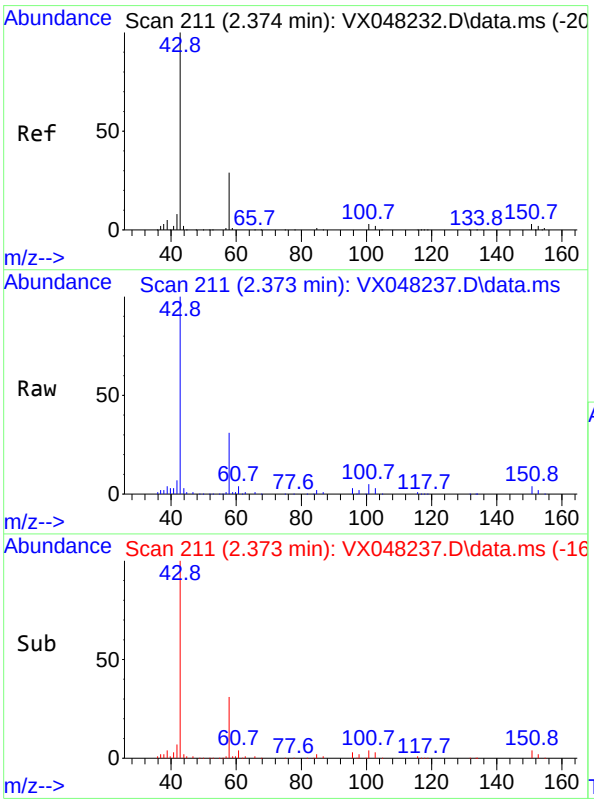
#15
Acrylonitrile
Concen: 250.900 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 53 Resp: 182260

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.8	29.0	43.4

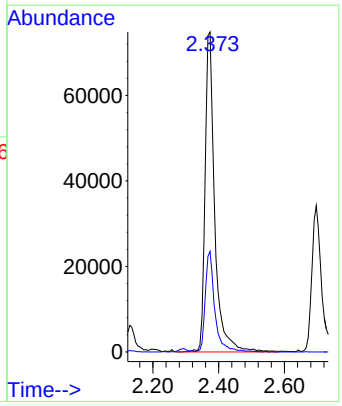


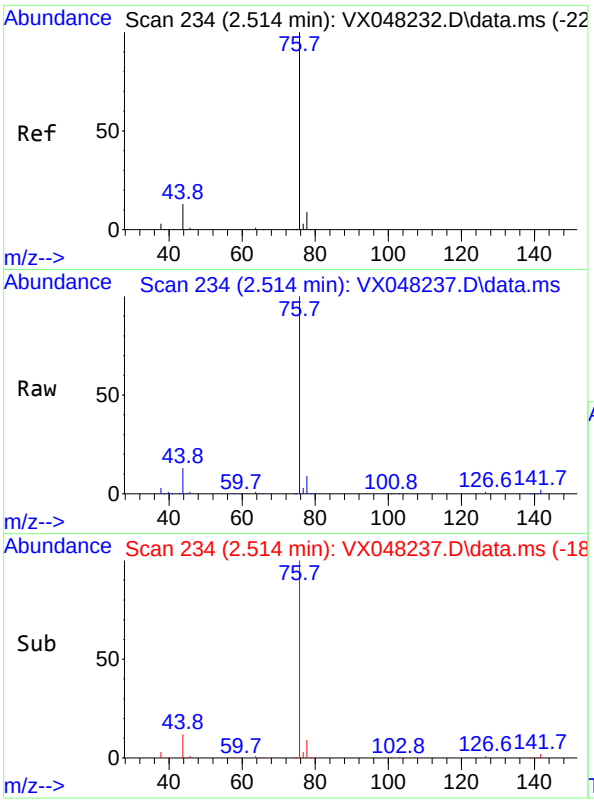


#16
Acetone
Concen: 219.789 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 152988

Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.4	35.2



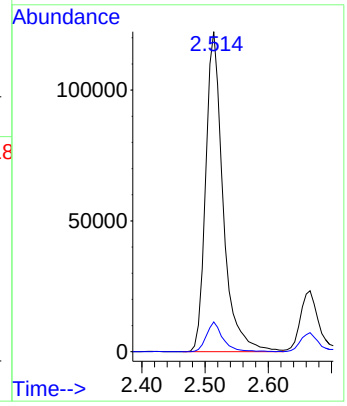


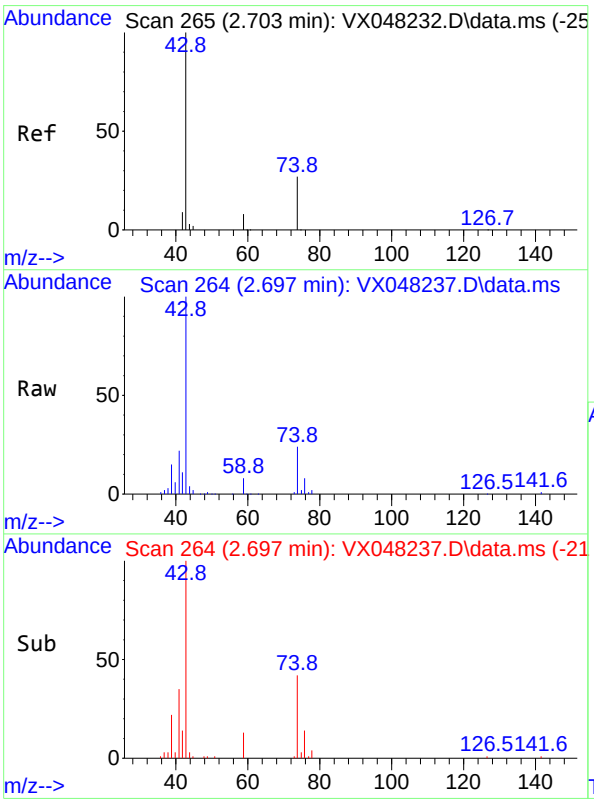
#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 76 Resp: 233630

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

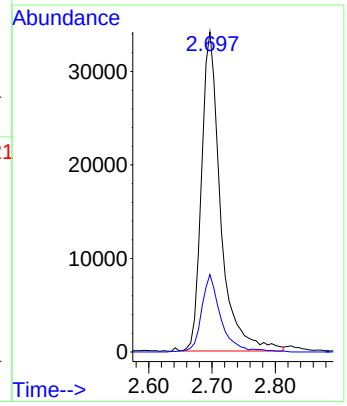


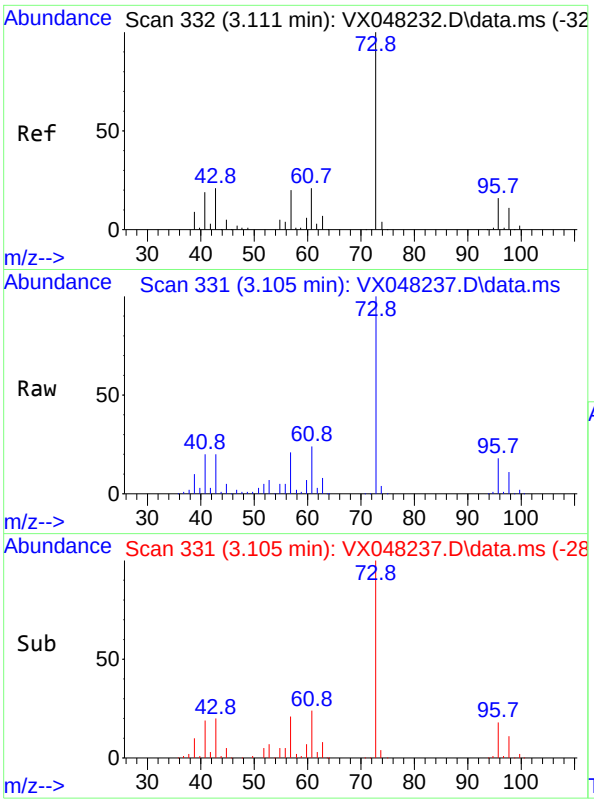


#18
Methyl Acetate
Concen: 49.190 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 71506

Ion	Ratio	Lower	Upper
43	100		
74	24.7	17.5	26.3



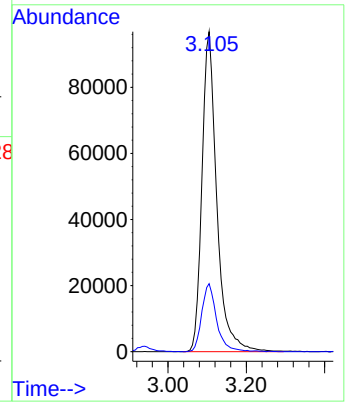


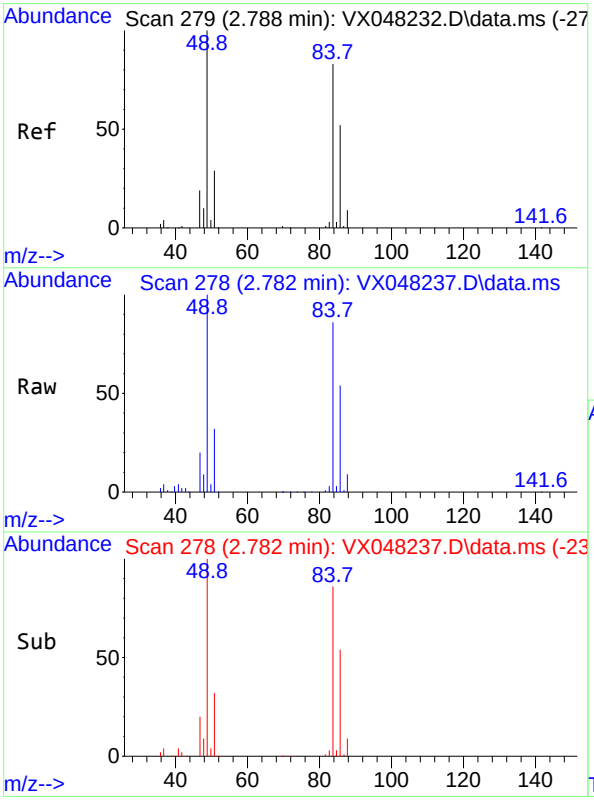
#19
Methyl tert-butyl Ether
Concen: 49.162 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 73 Resp: 254812

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

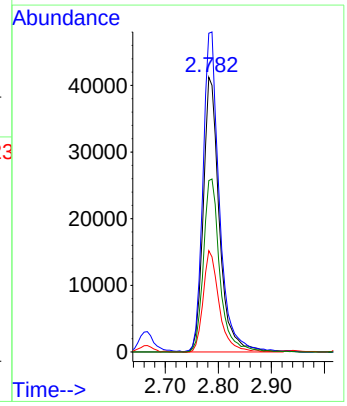


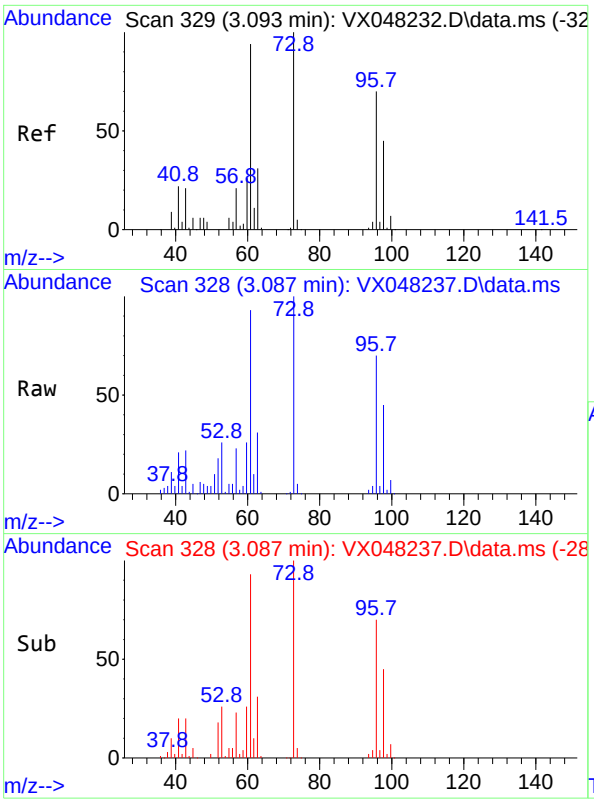


#20
Methylene Chloride
Concen: 51.066 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 84 Resp: 86610

Ion	Ratio	Lower	Upper
84	100		
49	116.0	104.1	156.1
51	36.8	31.3	46.9
86	62.4	51.3	76.9



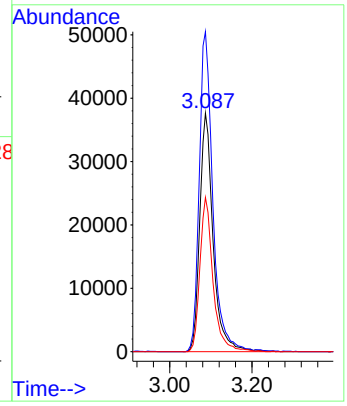


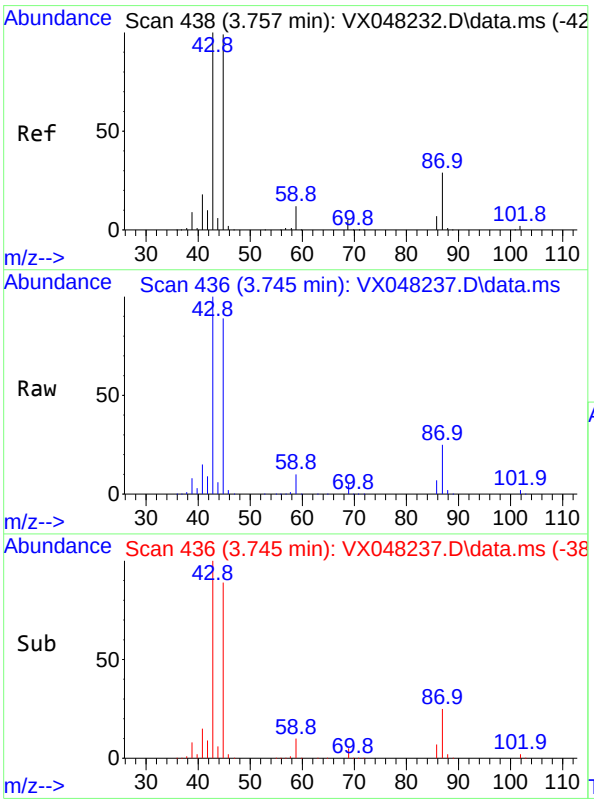
#21
trans-1,2-Dichloroethene
Concen: 50.932 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 96 Resp: 85000

Ion	Ratio	Lower	Upper
96	100		
61	134.2	111.9	167.9
98	64.7	51.2	76.8

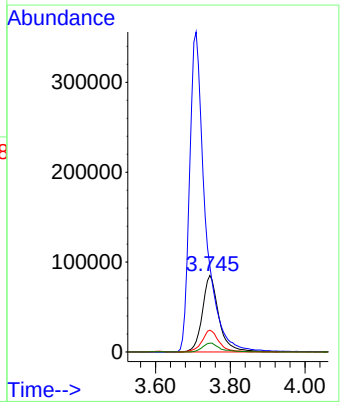


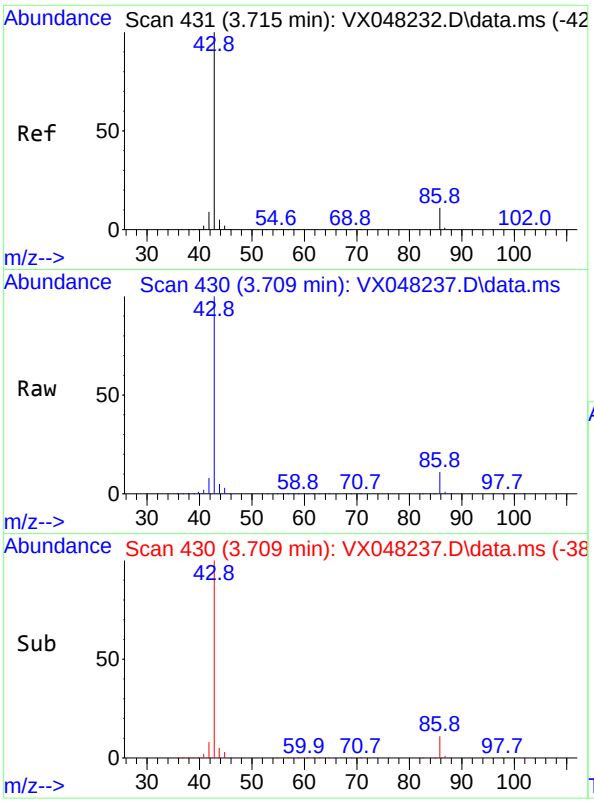


#22
Diisopropyl ether
Concen: 51.665 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 45 Resp: 259934

Ion	Ratio	Lower	Upper
45	100		
43	111.4	89.8	134.8
87	28.3	20.6	31.0
59	11.5	9.1	13.7



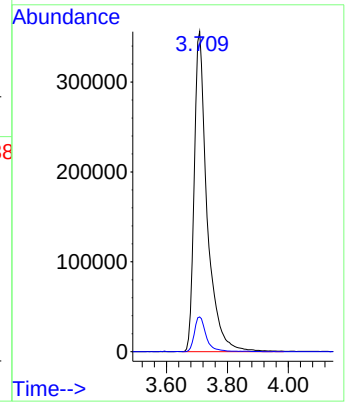


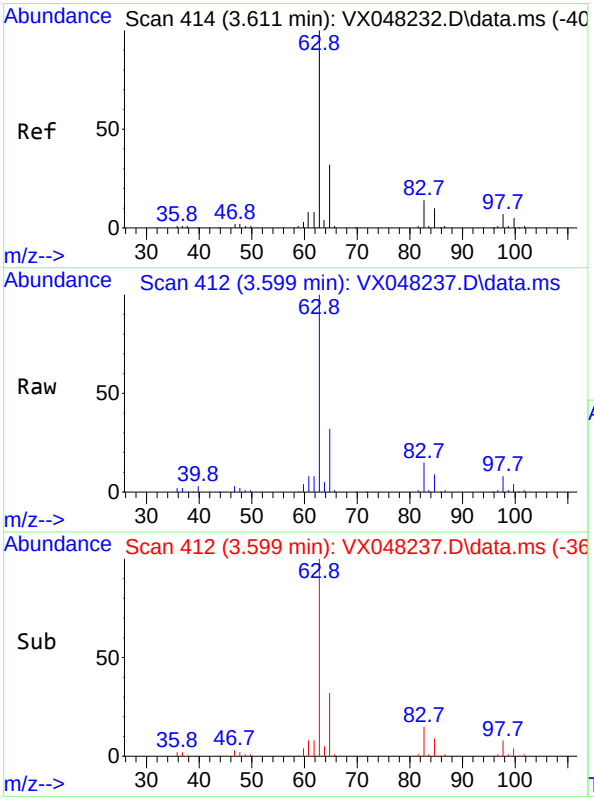
#23
Vinyl Acetate
Concen: 260.168 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 1045584

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.9	11.9

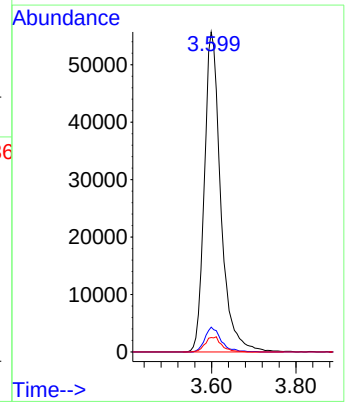


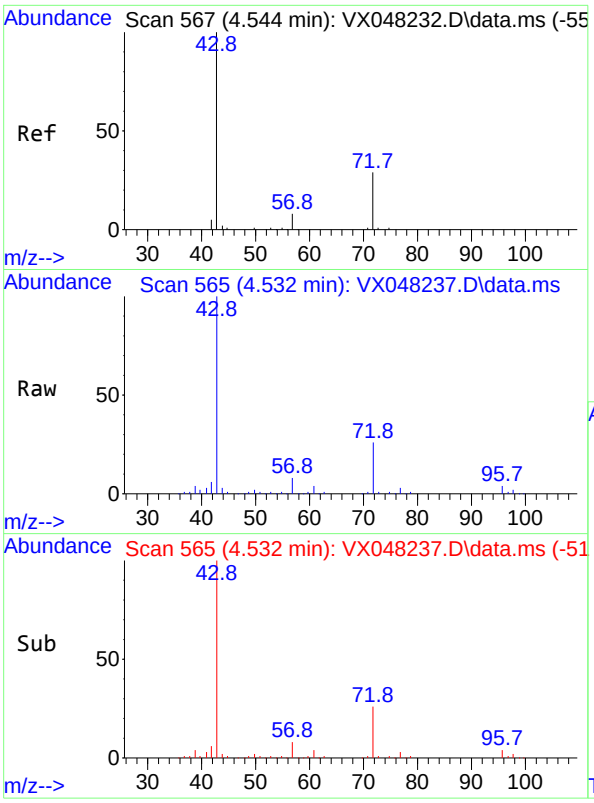


#24
1,1-Dichloroethane
Concen: 49.490 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 150557

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.6
100	4.5	2.1	6.3



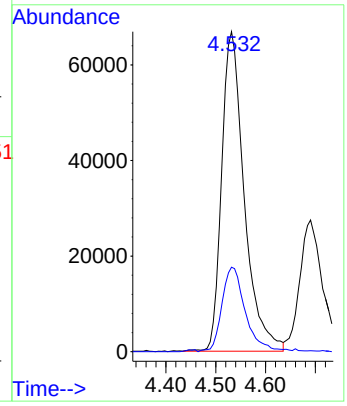


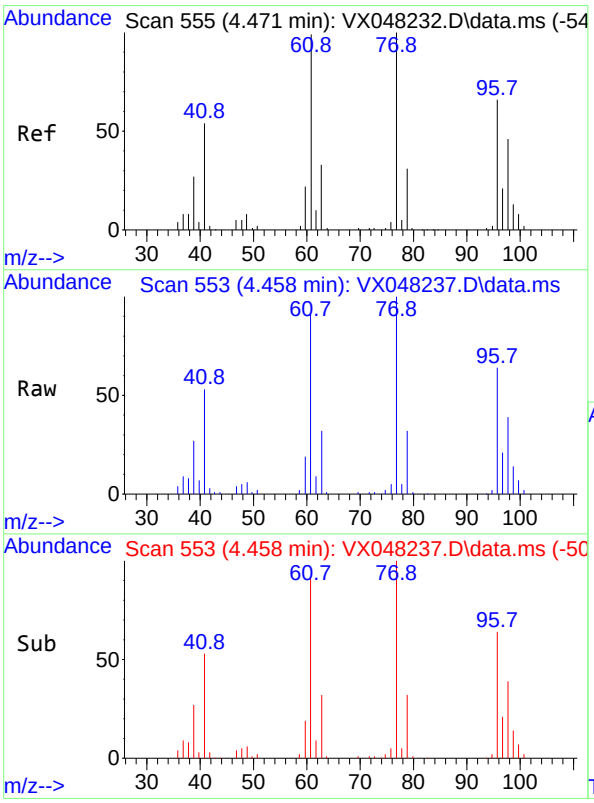
#25
2-Butanone
Concen: 238.354 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 209999

Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.9	29.9

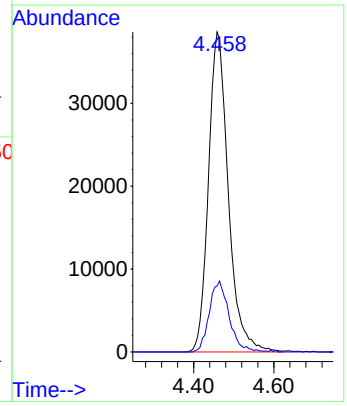


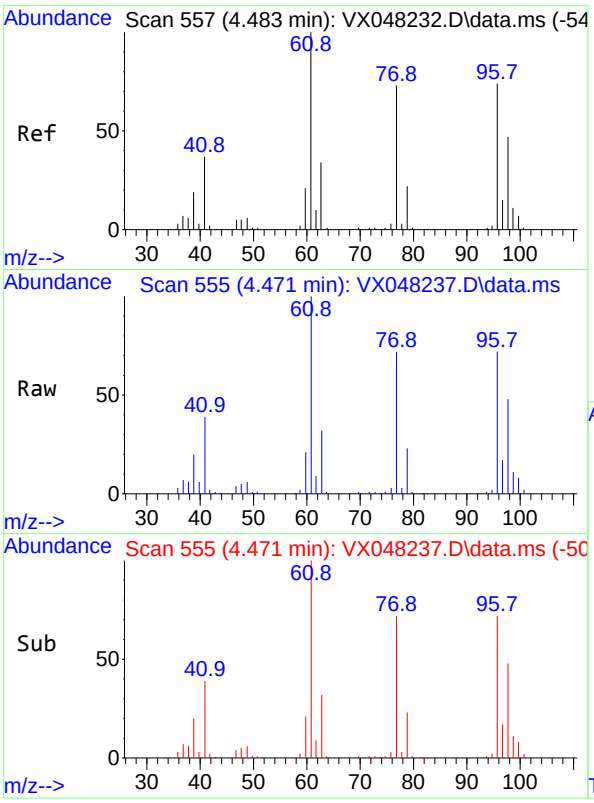


#26
2,2-Dichloropropane
Concen: 48.230 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 77 Resp: 132433

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.3



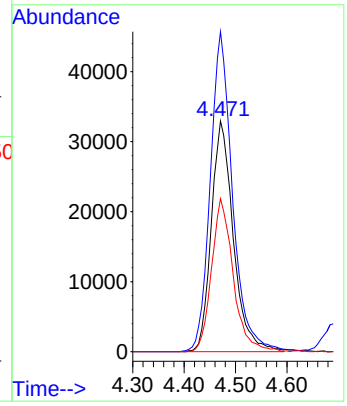


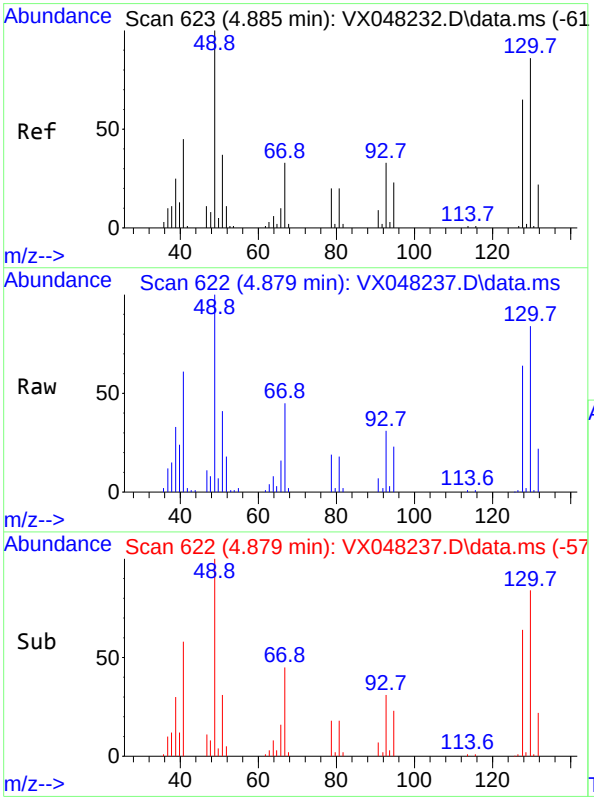
#27
cis-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 96 Resp: 98066

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	294.2
98	65.2	0.0	128.4

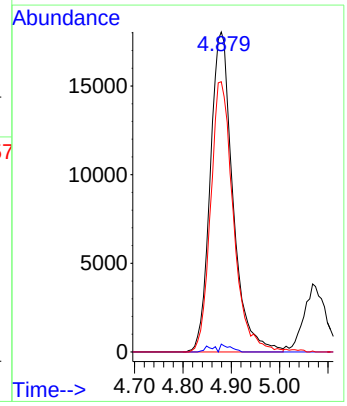


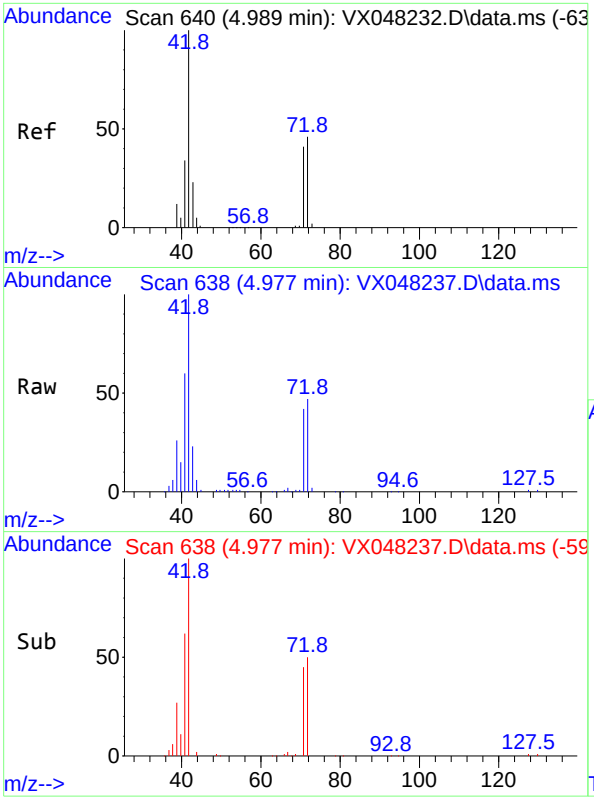


#28
Bromochloromethane
Concen: 46.587 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 49 Resp: 58764

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	85.1	59.3	88.9



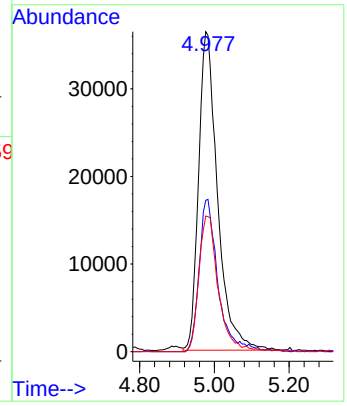


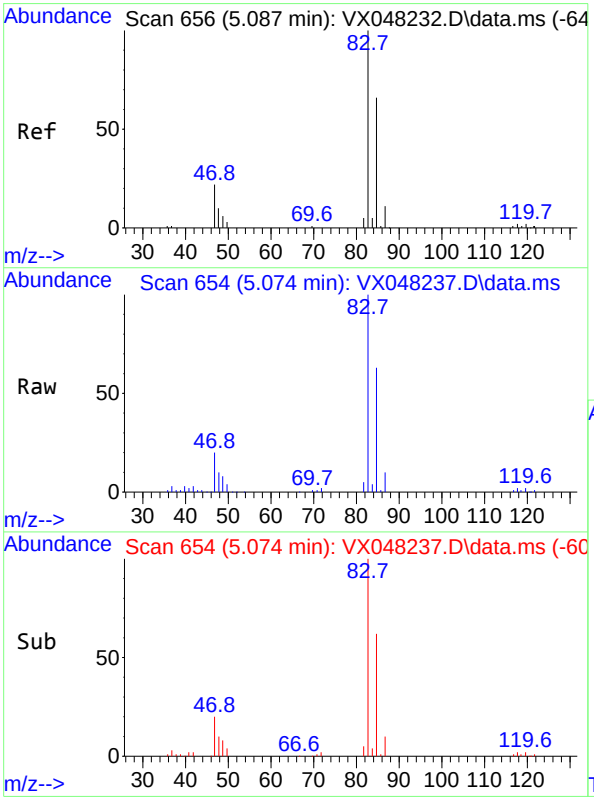
#29
Tetrahydrofuran
Concen: 242.572 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 42 Resp: 127995

Ion	Ratio	Lower	Upper
42	100		
72	47.4	35.3	52.9
71	43.8	32.2	48.4

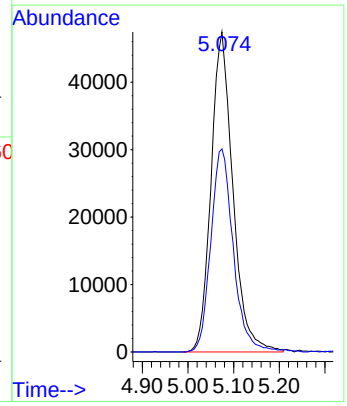


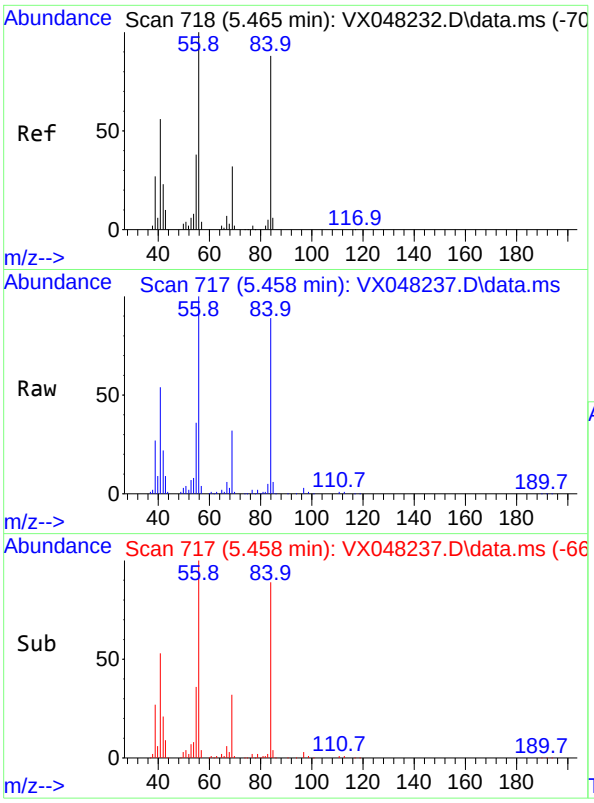


#30
Chloroform
Concen: 48.427 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 83 Resp: 157397

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1



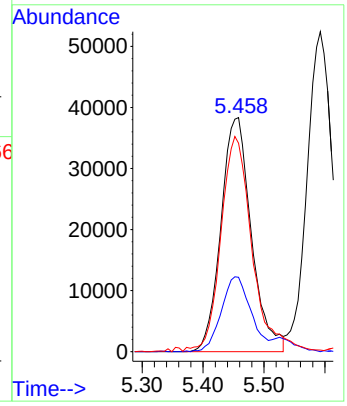


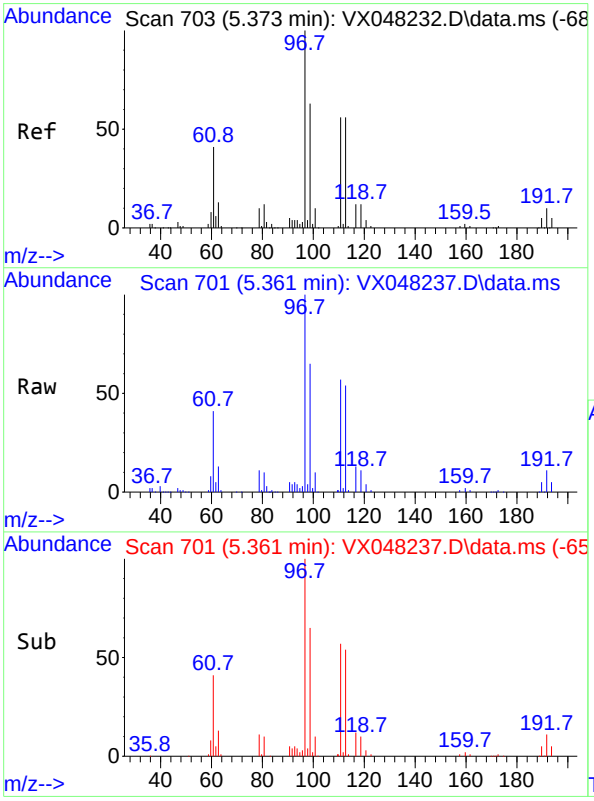
#31
Cyclohexane
Concen: 52.646 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 56 Resp: 132594

Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.0	34.6
84	88.9	64.6	97.0

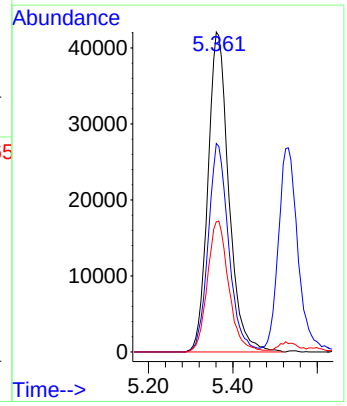


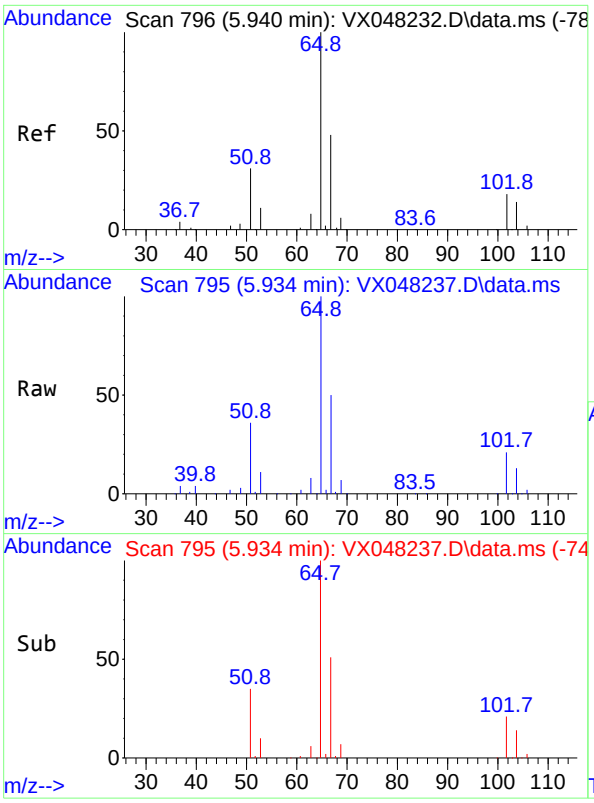


#32
1,1,1-Trichloroethane
Concen: 48.309 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 97 Resp: 144706

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.8	34.8	52.2



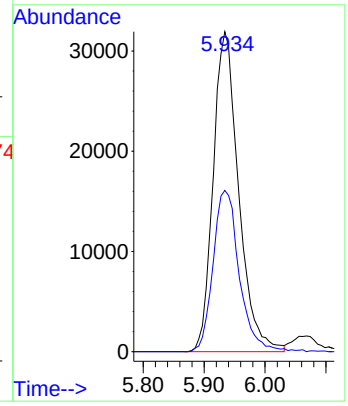


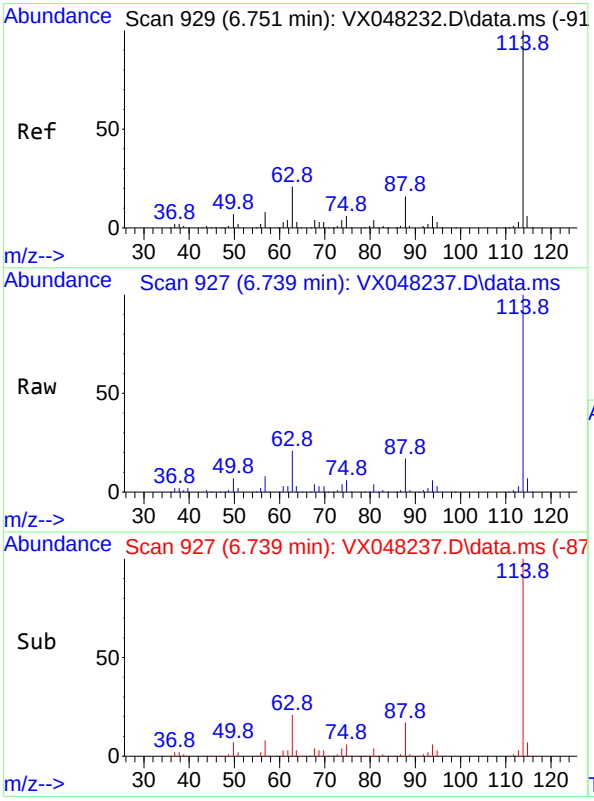
#33
1,2-Dichloroethane-d4
Concen: 45.687 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 65 Resp: 92700

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.0

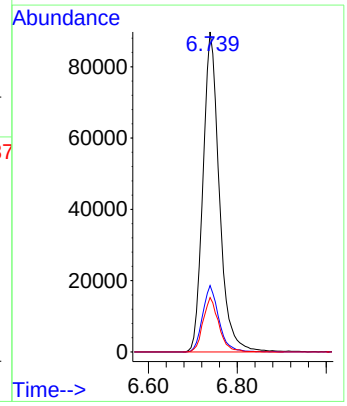


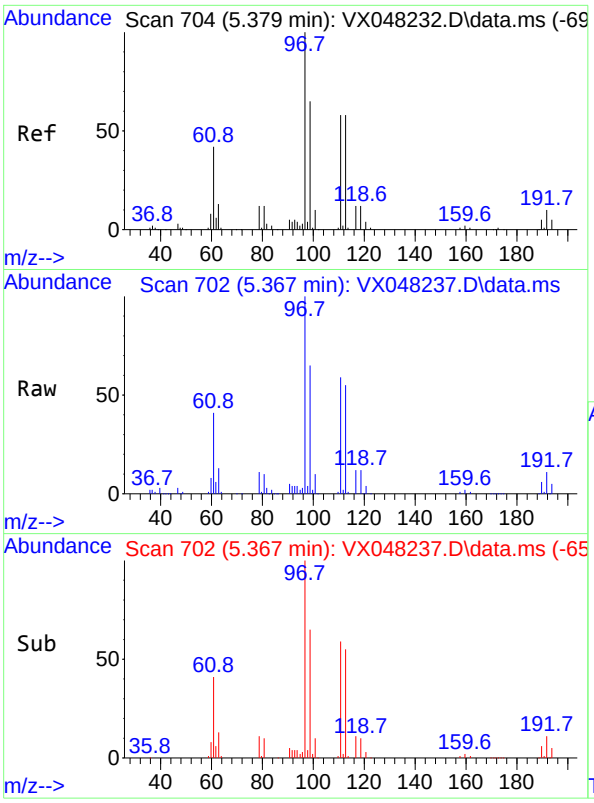


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:114 Resp: 229650

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	43.2
88	17.0	0.0	33.6



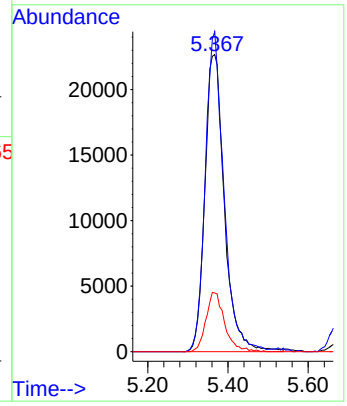


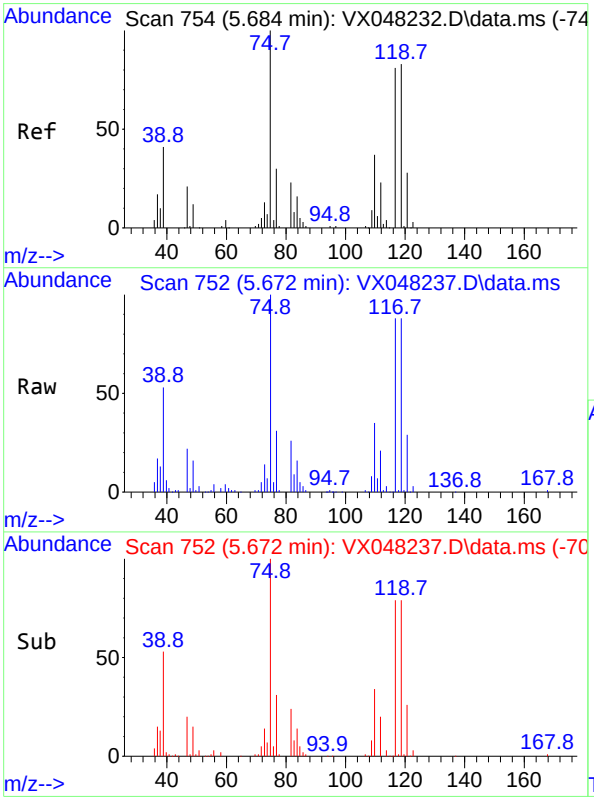
#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:113 Resp: 76746

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.0	15.1	22.7

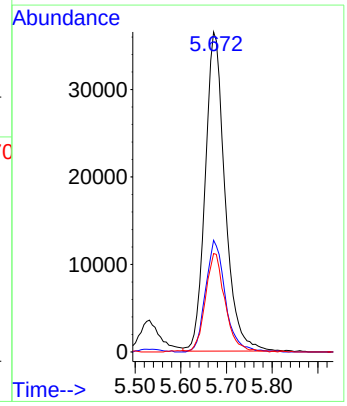


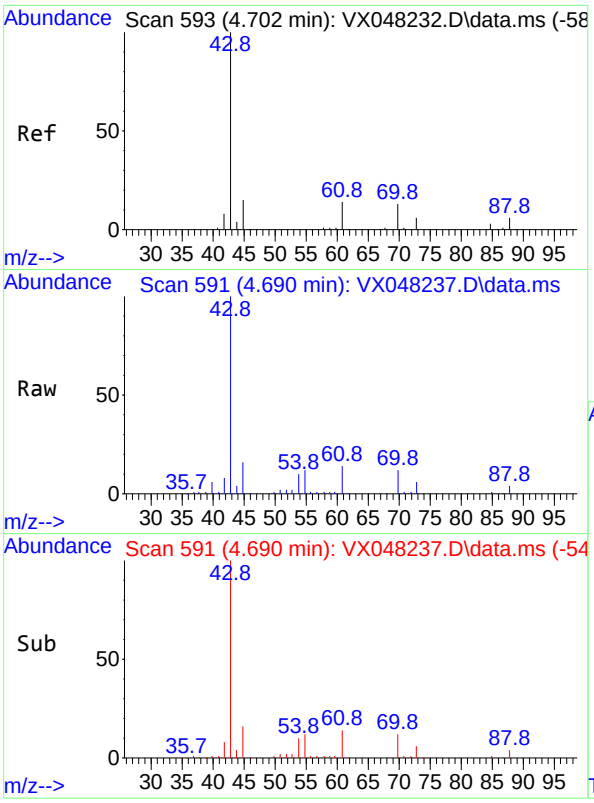


#36
1,1-Dichloropropene
Concen: 49.344 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 109957

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	30.4	24.3	36.5



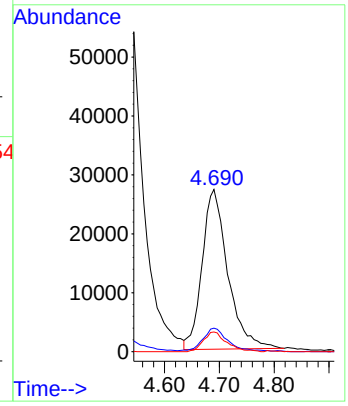


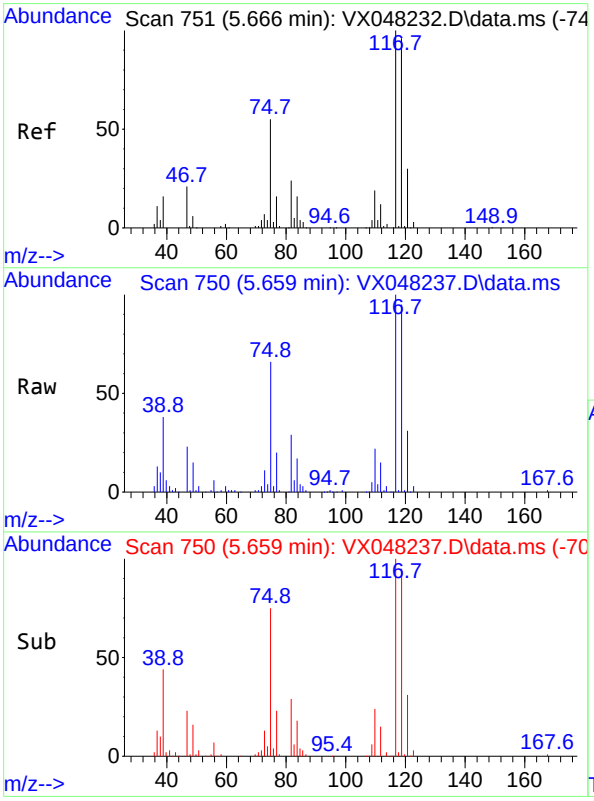
#37
Ethyl Acetate
Concen: 47.684 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 88074

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.2	7.8	11.6

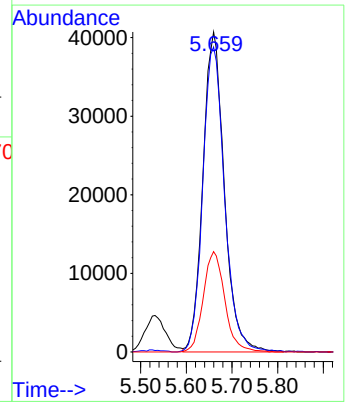


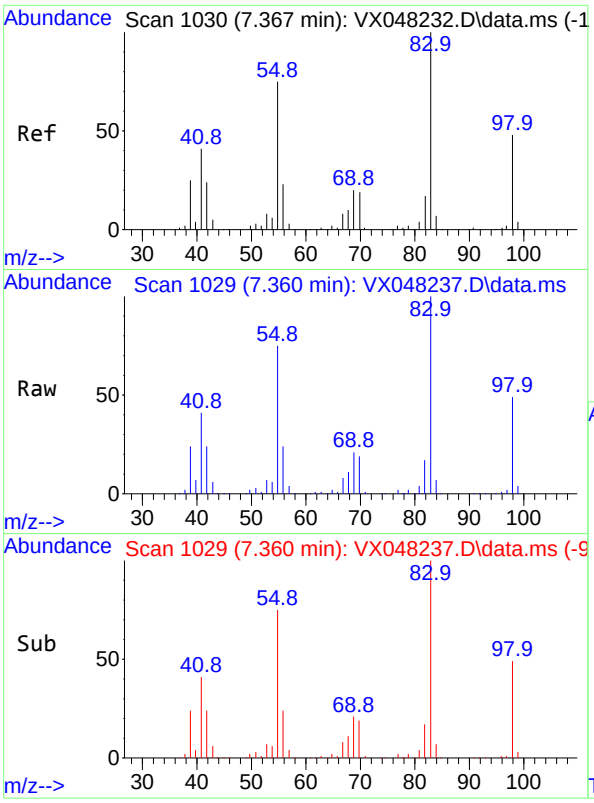


#38
Carbon Tetrachloride
Concen: 48.228 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 132590

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.2	115.8
121	31.4	24.8	37.2



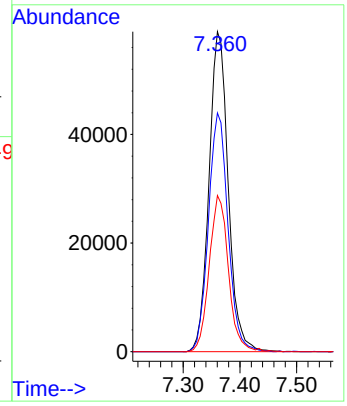


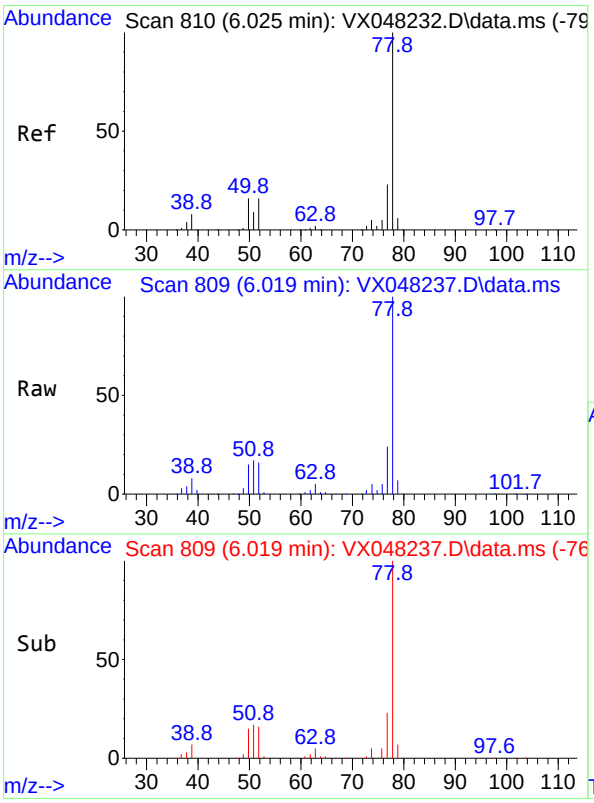
#39
Methylcyclohexane
Concen: 52.670 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 83 Resp: 138611

Ion	Ratio	Lower	Upper
83	100		
55	74.6	66.2	99.2
98	48.8	38.9	58.3

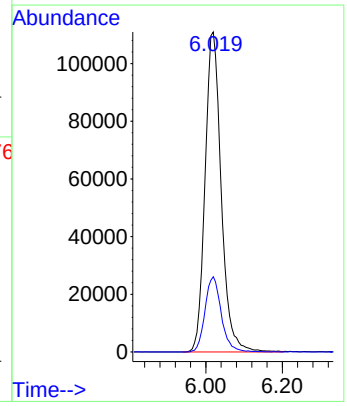


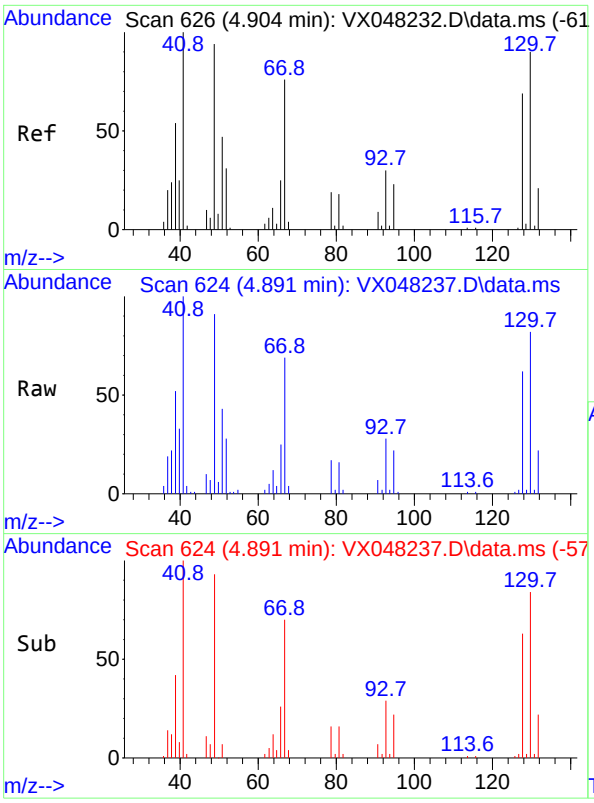


#40
Benzene
Concen: 50.241 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 78 Resp: 325041

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



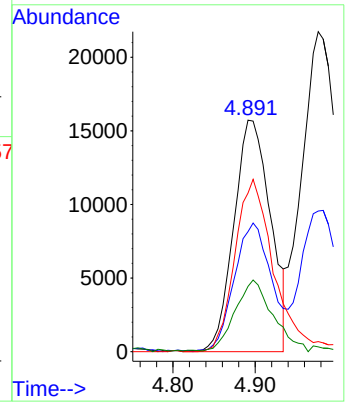


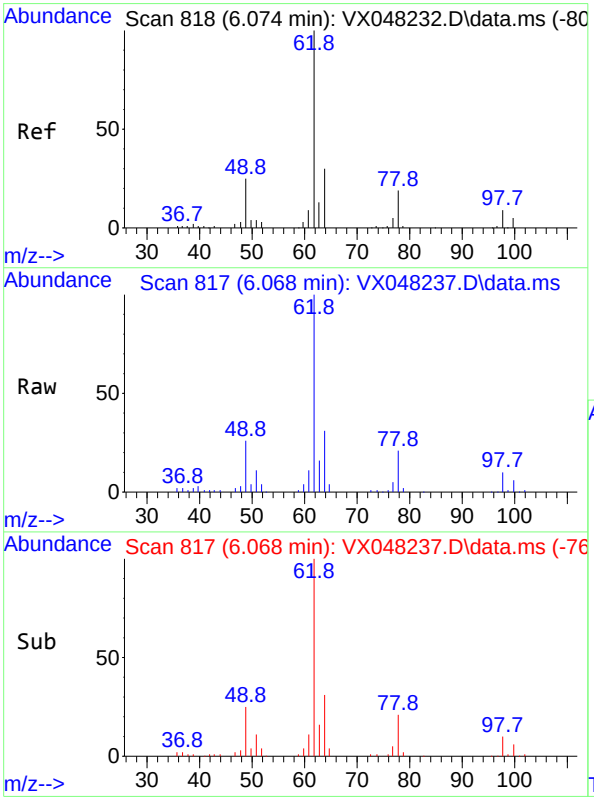
#41
Methacrylonitrile
Concen: 50.358 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 41 Resp: 48846

Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.0	66.0
67	80.7	58.7	88.1
52	31.8	25.9	38.9

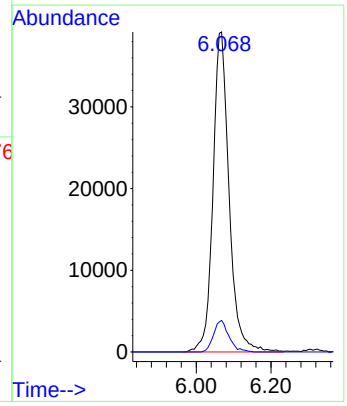


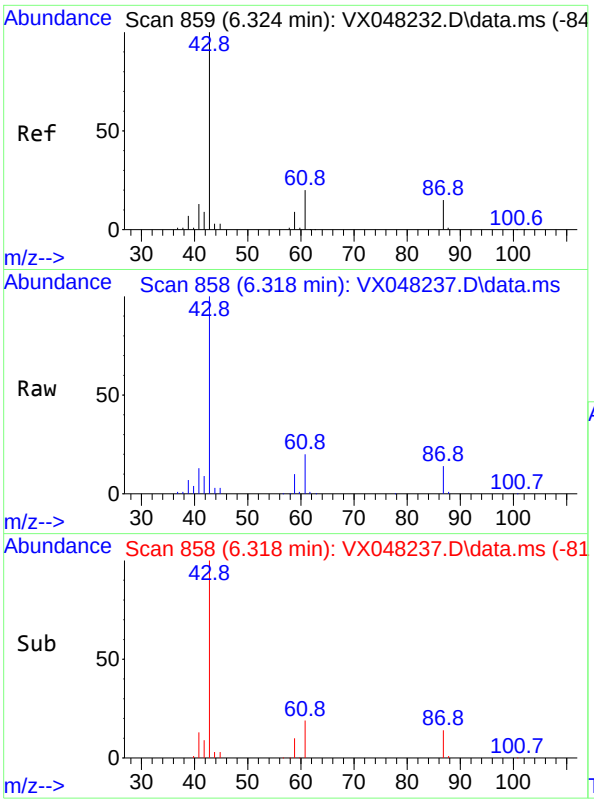


#42
1,2-Dichloroethane
Concen: 48.963 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 62 Resp: 116893

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2



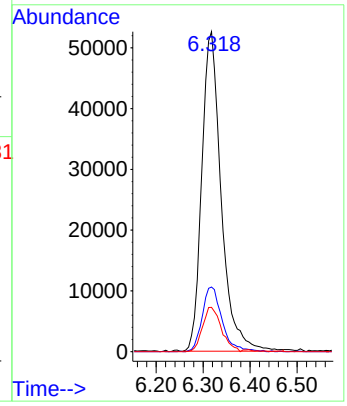


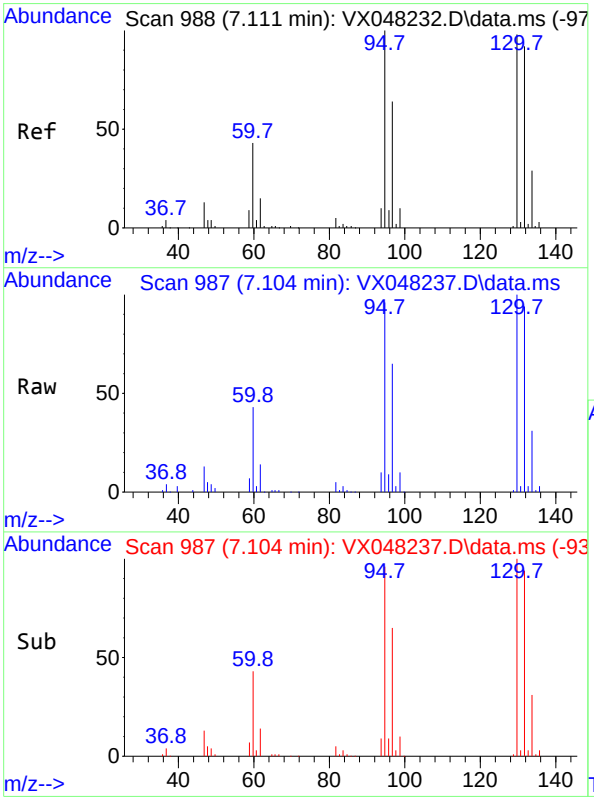
#43
Isopropyl Acetate
Concen: 49.816 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 151140

Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.9	22.3
87	13.5	9.4	14.2

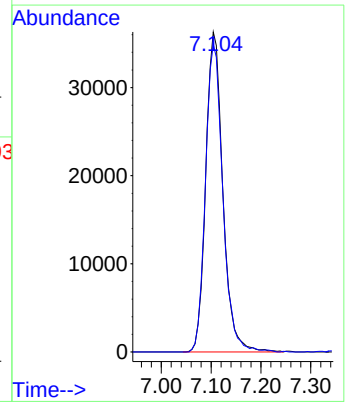


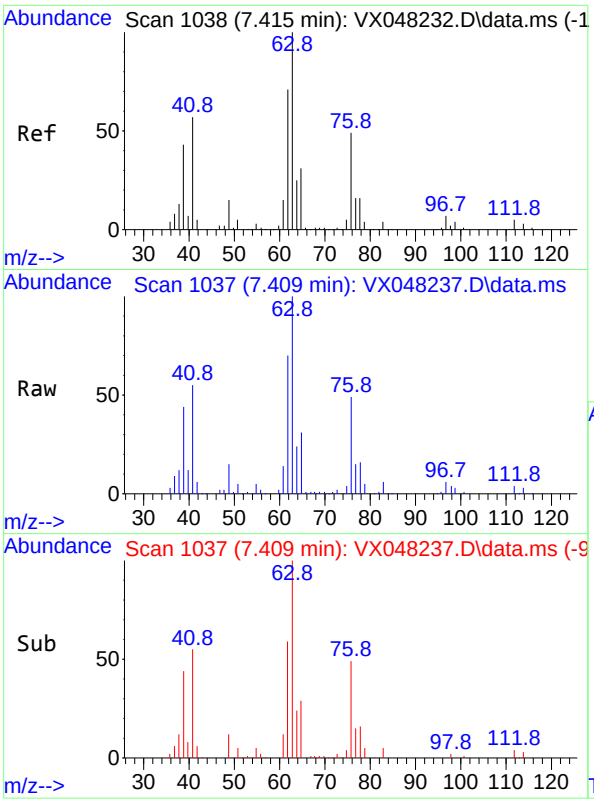


#44
Trichloroethene
Concen: 50.582 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:130 Resp: 86410

Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	200.6



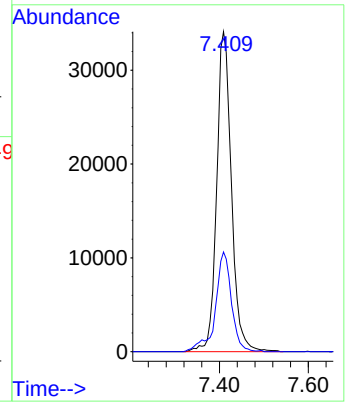


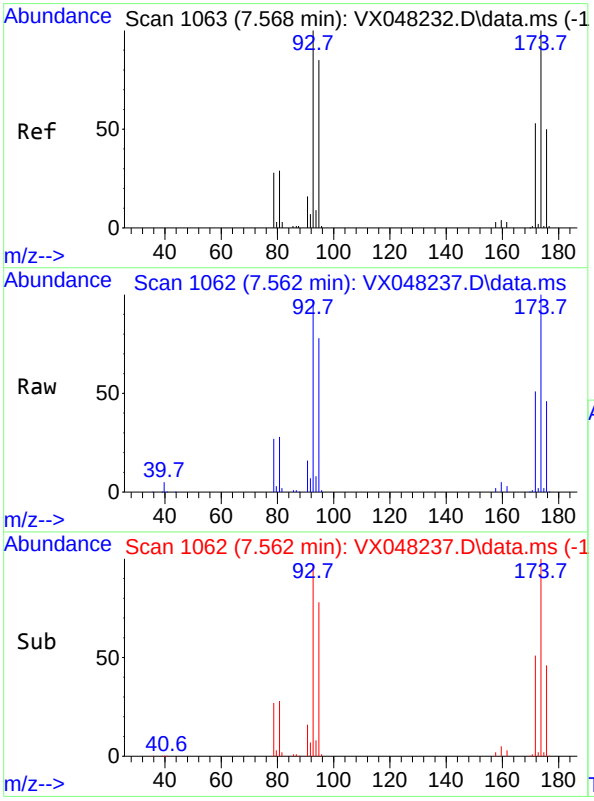
#45
1,2-Dichloropropane
Concen: 50.994 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 63 Resp: 78439

Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.1	36.1

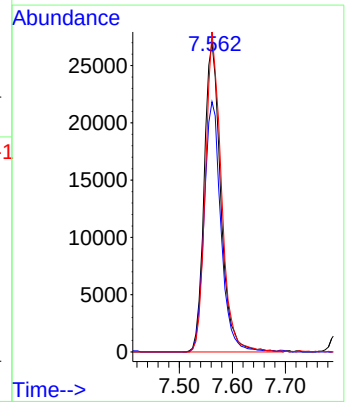


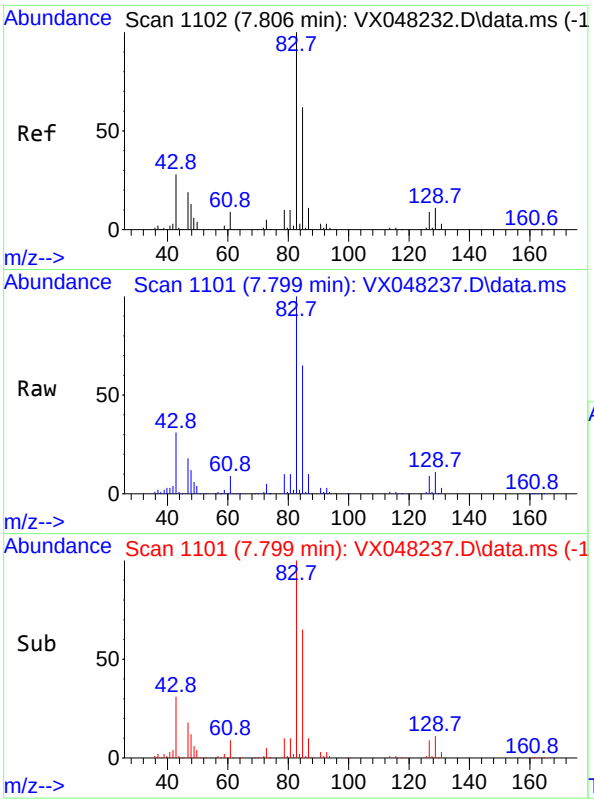


#46
Dibromomethane
Concen: 48.913 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 93 Resp: 58616

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.9	98.9
174	99.2	71.7	107.5



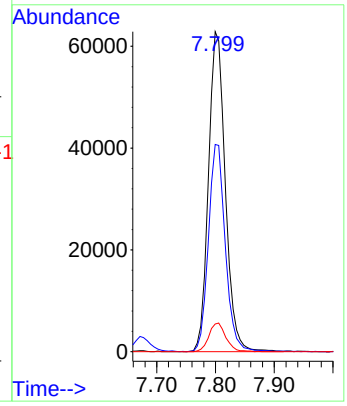


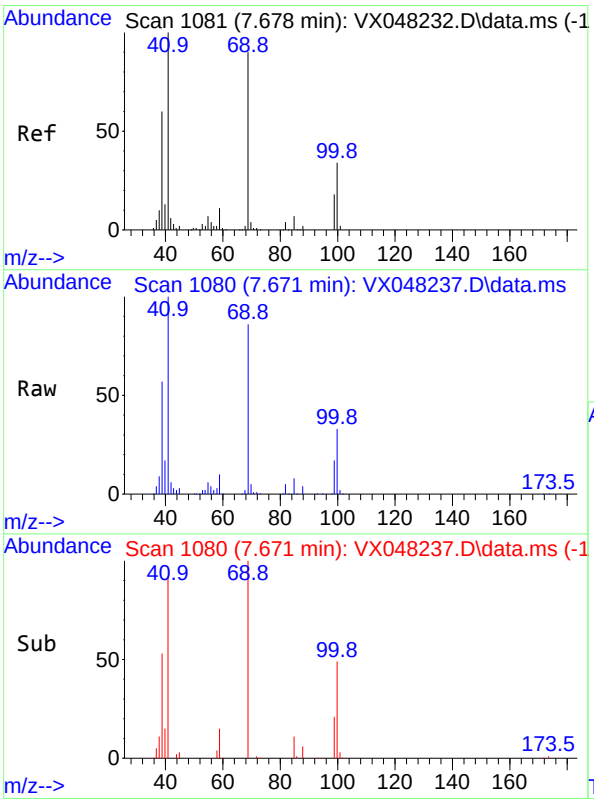
#47
Bromodichloromethane
Concen: 48.459 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 83 Resp: 125388

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.4
127	8.7	7.3	10.9

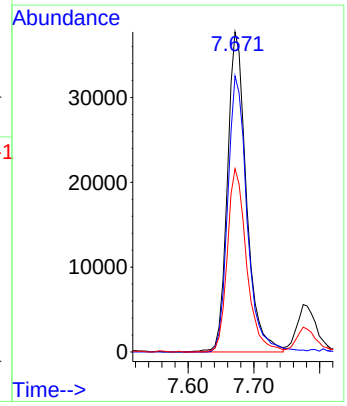


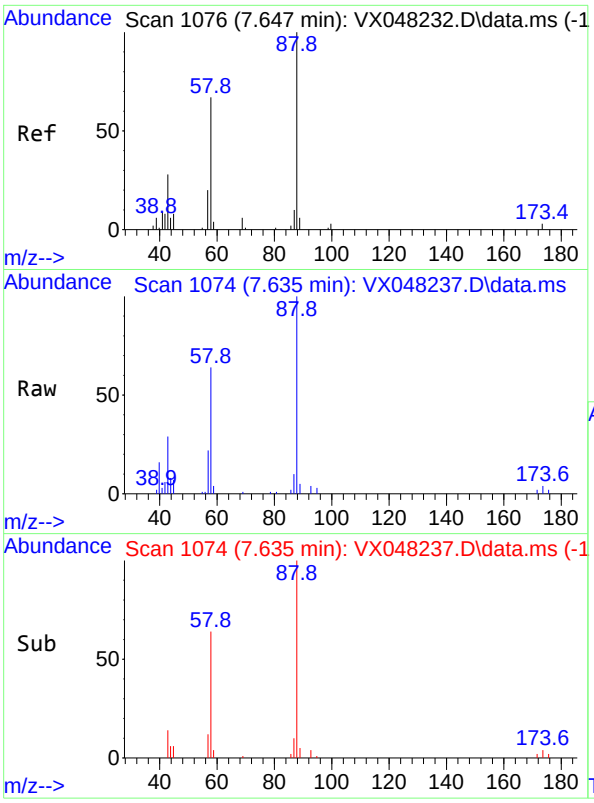


#48
Methyl methacrylate
Concen: 49.519 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 41 Resp: 75812

Ion	Ratio	Lower	Upper
41	100		
69	87.7	63.4	95.0
39	58.0	47.1	70.7



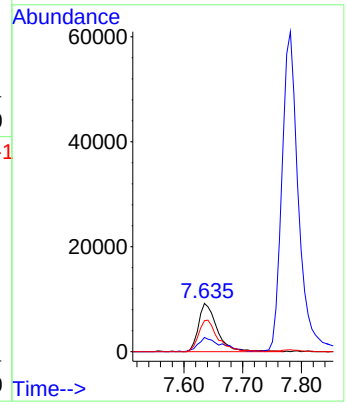


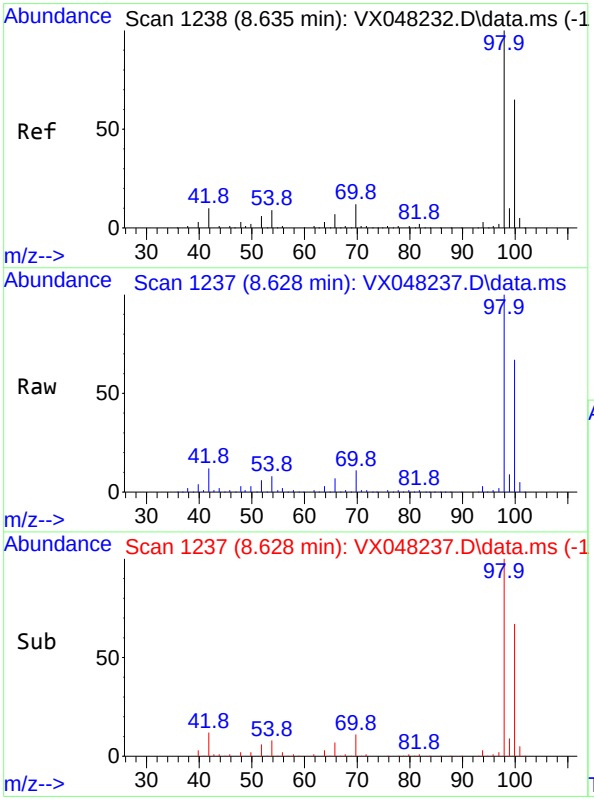
#49
1,4-Dioxane
Concen: 1000.197 ug/l
RT: 7.635 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 88 Resp: 20230

Ion	Ratio	Lower	Upper
88	100		
43	37.8	35.0	52.4
58	67.9	61.9	92.9

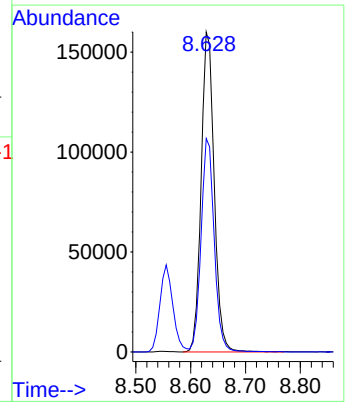


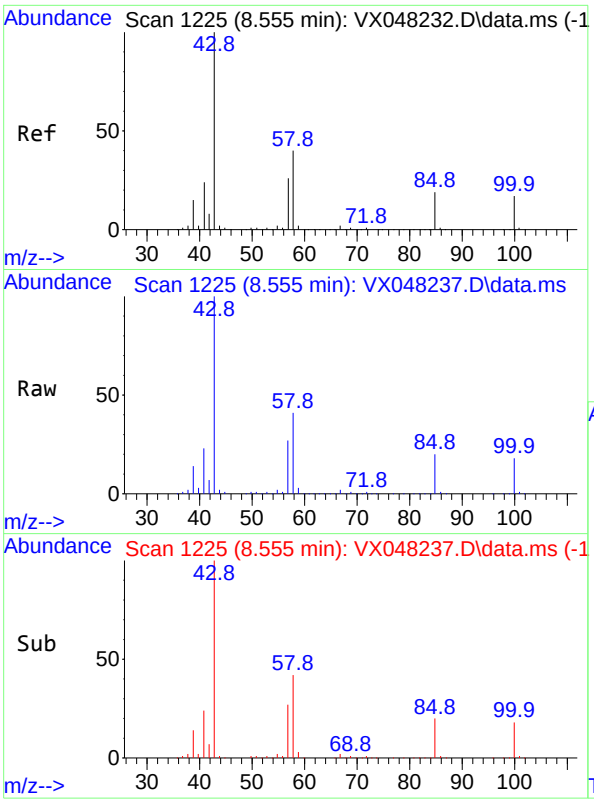


#50
Toluene-d8
Concen: 48.386 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 98 Resp: 265898

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



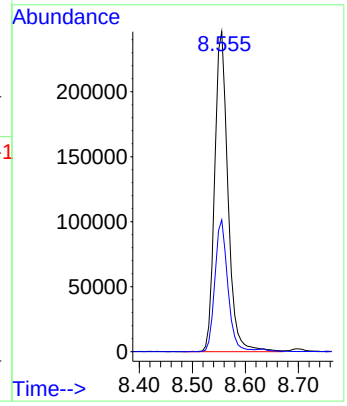


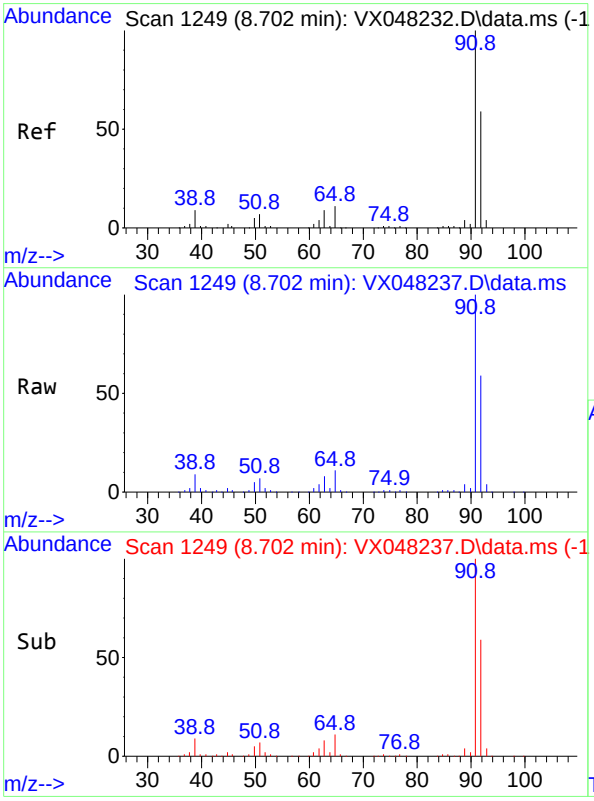
#51
4-Methyl-2-Pentanone
Concen: 244.897 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 428393

Ion	Ratio	Lower	Upper
43	100		
58	39.9	29.5	44.3

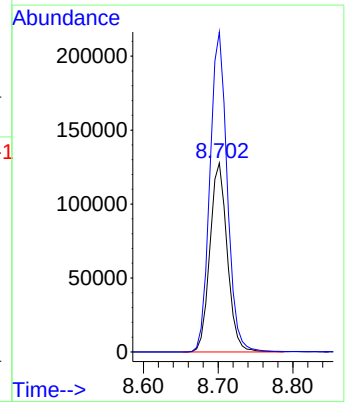


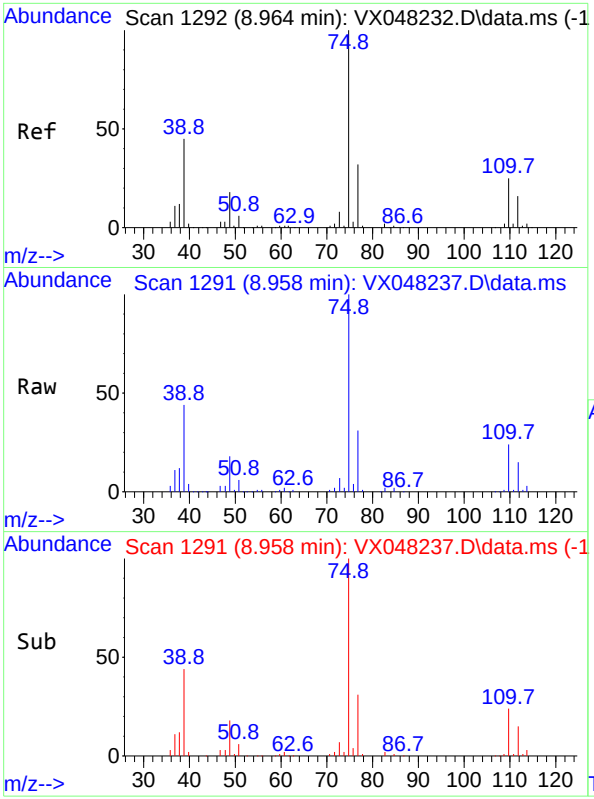


#52
Toluene
Concen: 50.088 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 92 Resp: 205867

Ion	Ratio	Lower	Upper
92	100		
91	169.0	136.1	204.1



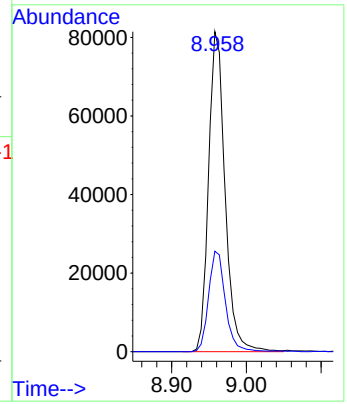


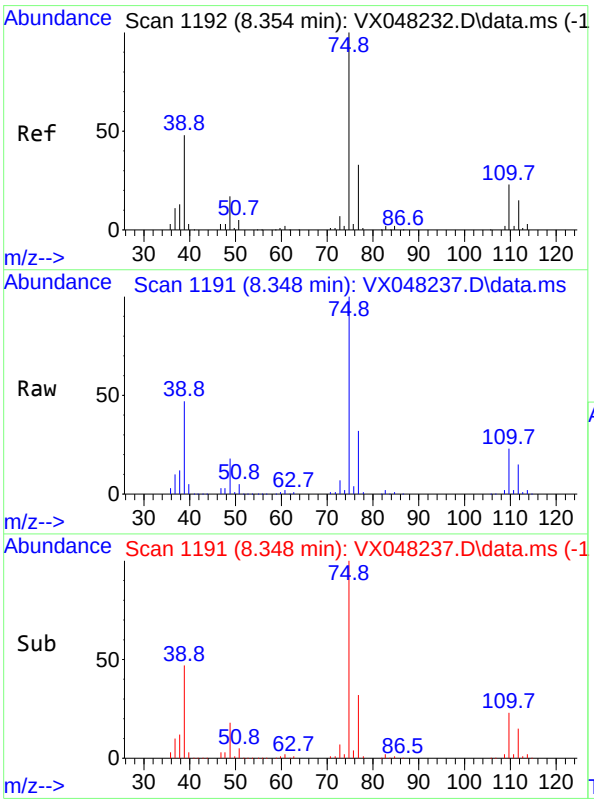
#53
t-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 75 Resp: 124683

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6

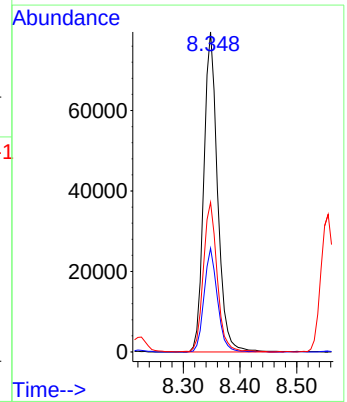


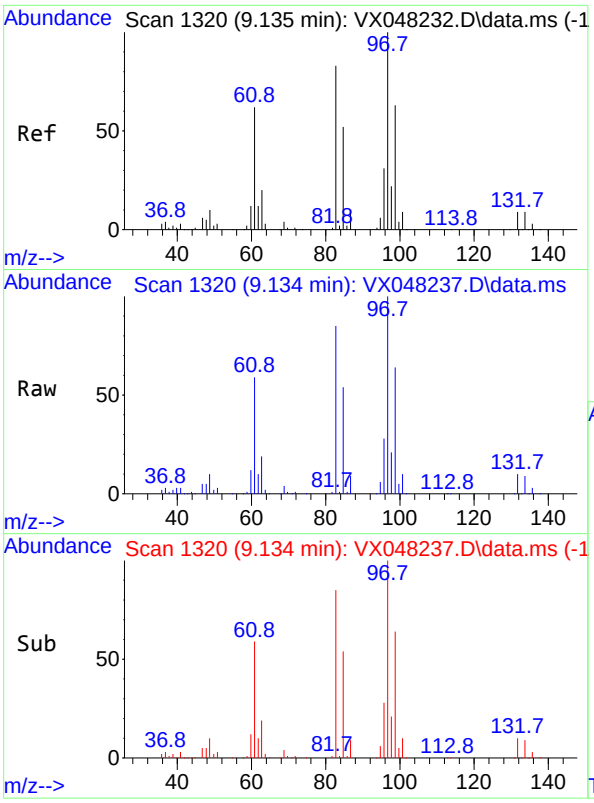


#54
cis-1,3-Dichloropropene
Concen: 49.944 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 134360

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.9	37.3
39	46.7	42.6	64.0



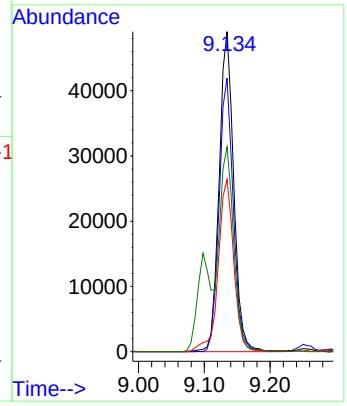


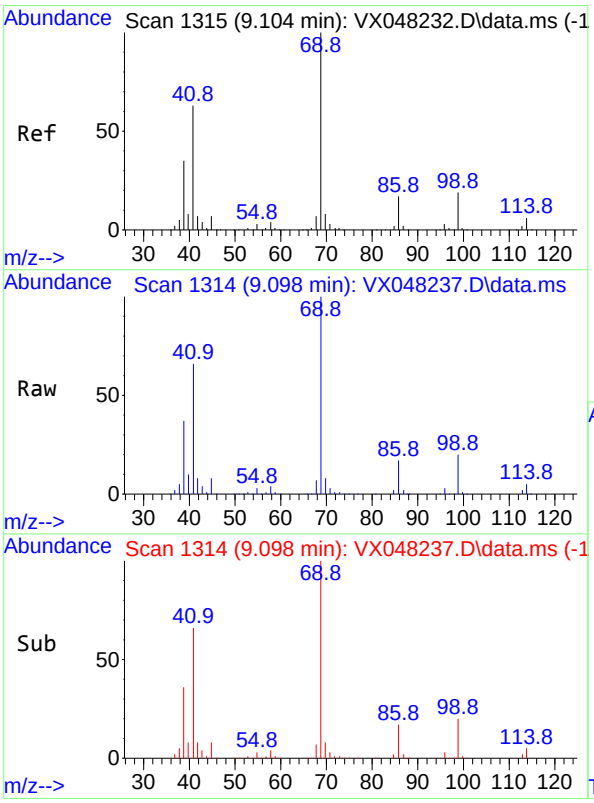
#55
1,1,2-Trichloroethane
Concen: 49.597 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 97 Resp: 75808

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	53.9	45.0	67.6
99	64.0	50.9	76.3

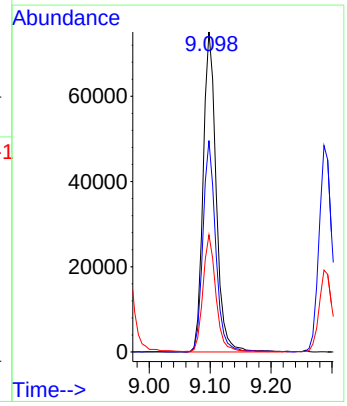


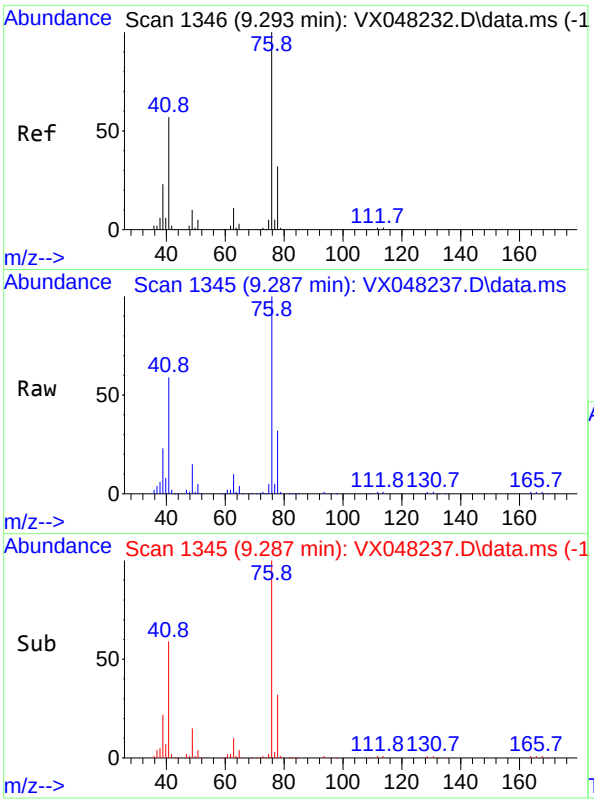


#56
Ethyl methacrylate
Concen: 49.964 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 69 Resp: 111702

Ion	Ratio	Lower	Upper
69	100		
41	65.1	56.0	84.0
39	36.0	31.6	47.4



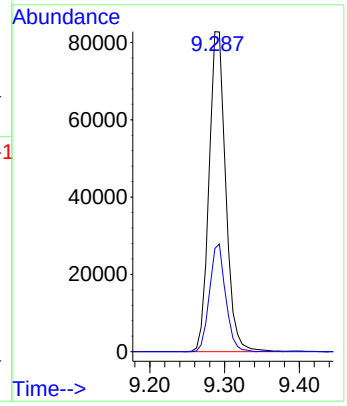


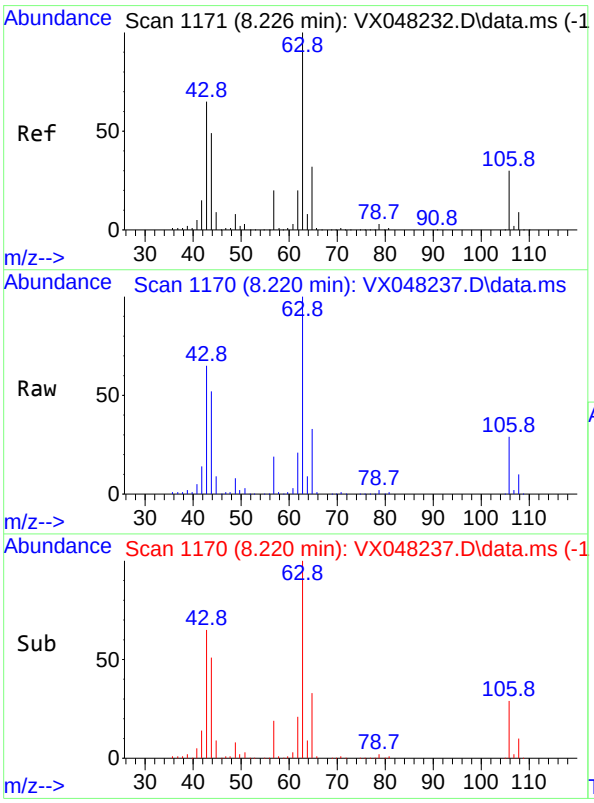
#57
1,3-Dichloropropane
Concen: 49.226 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 76 Resp: 128519

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.4	38.0

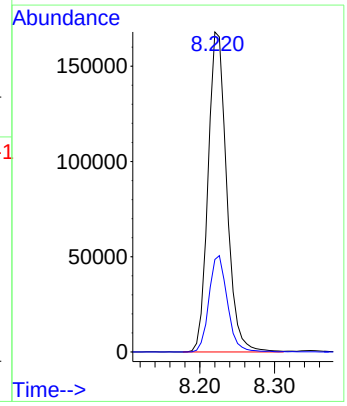


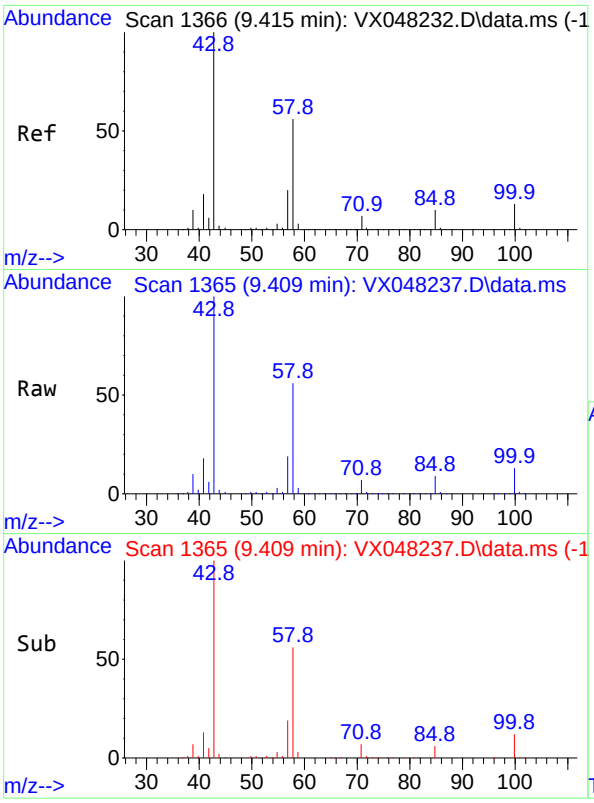


#58
2-Chloroethyl Vinyl ether
Concen: 242.124 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 63 Resp: 290992

Ion	Ratio	Lower	Upper
63	100		
106	29.6	22.2	33.2



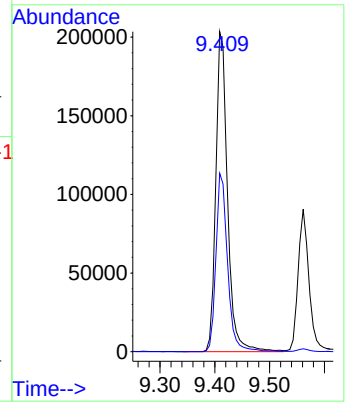


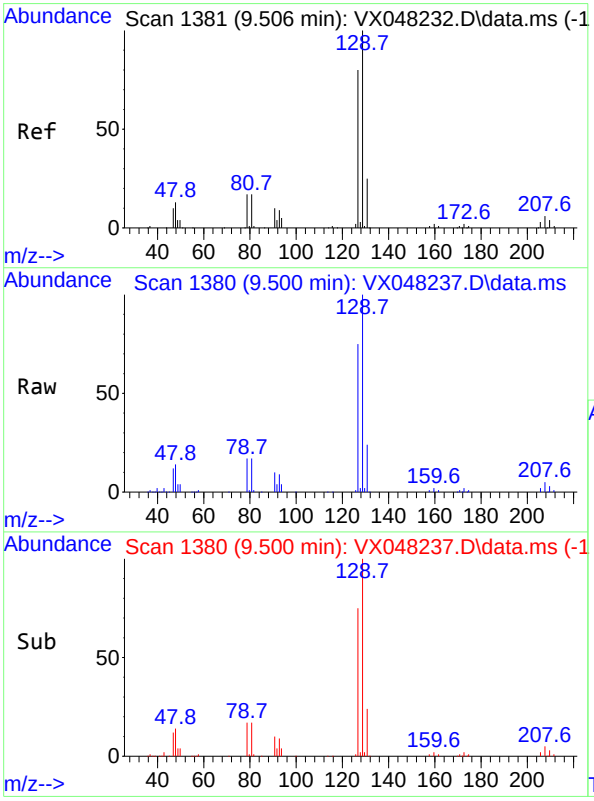
#59
2-Hexanone
Concen: 246.102 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 43 Resp: 300183

Ion	Ratio	Lower	Upper
43	100		
58	55.6	26.3	78.8

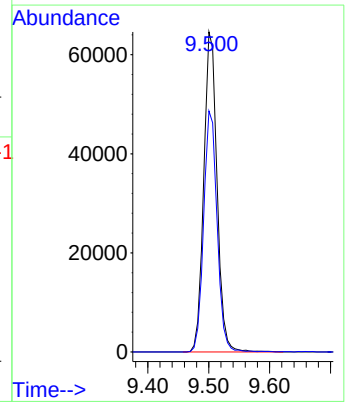


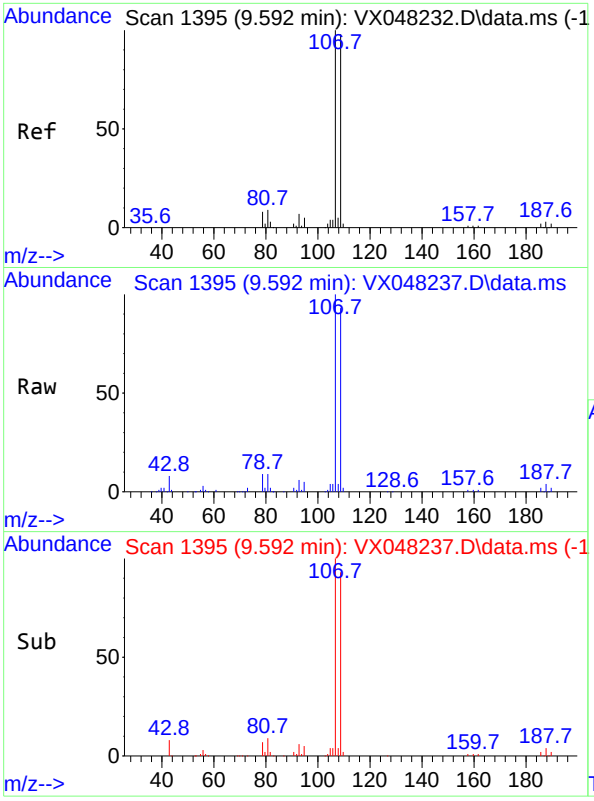


#60
Dibromochloromethane
Concen: 47.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:129 Resp: 97643

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7



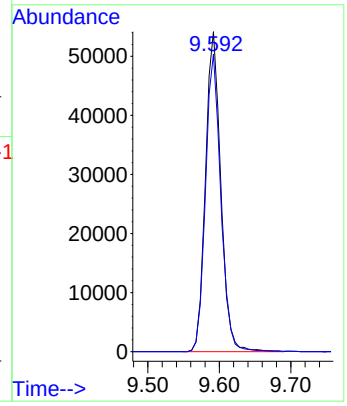


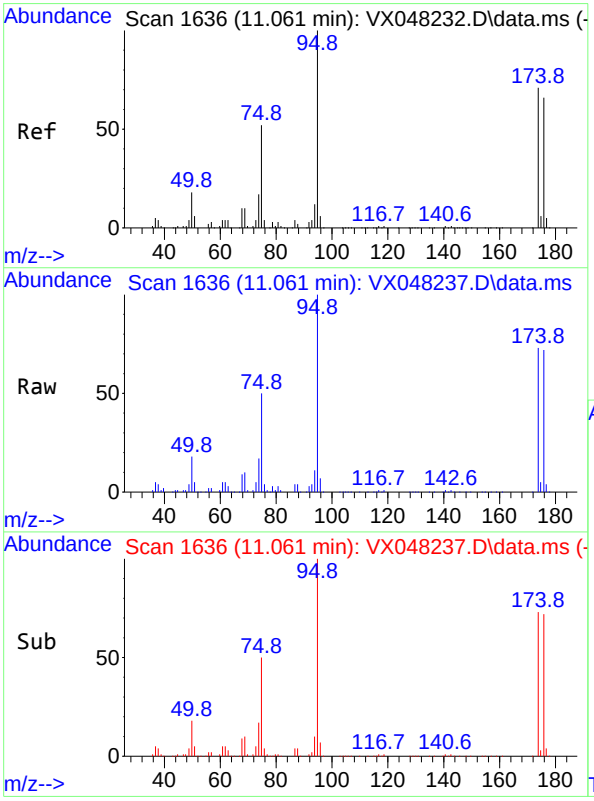
#61
1,2-Dibromoethane
Concen: 49.319 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:107 Resp: 80363

Ion	Ratio	Lower	Upper
107	100		
109	93.1	77.0	115.4

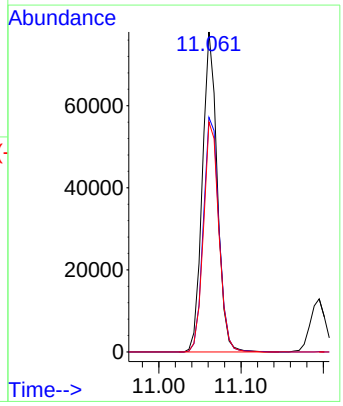


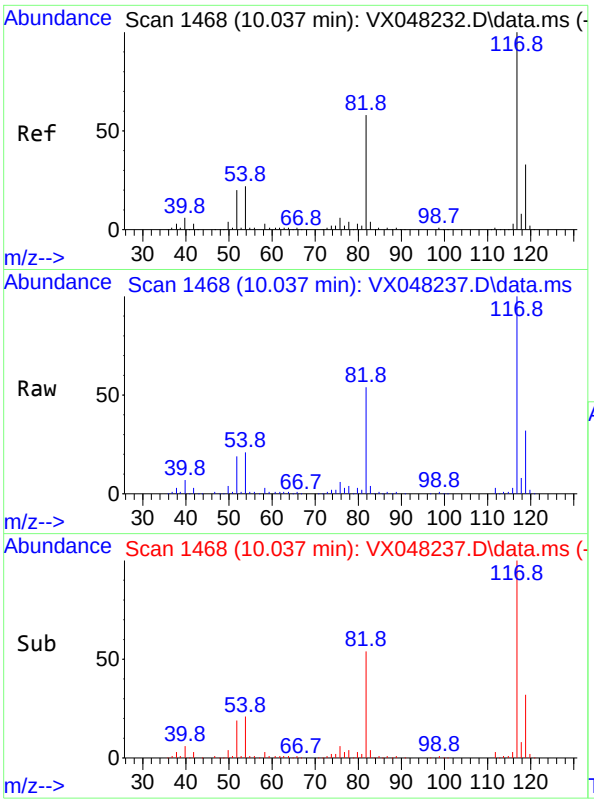


#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 95 Resp: 97828

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	147.8
176	74.2	0.0	142.8



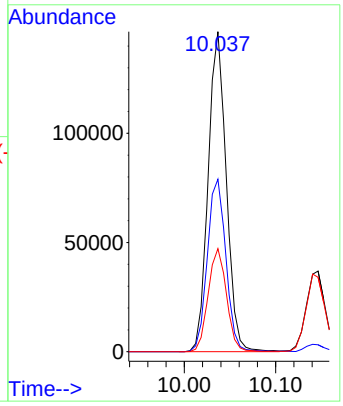


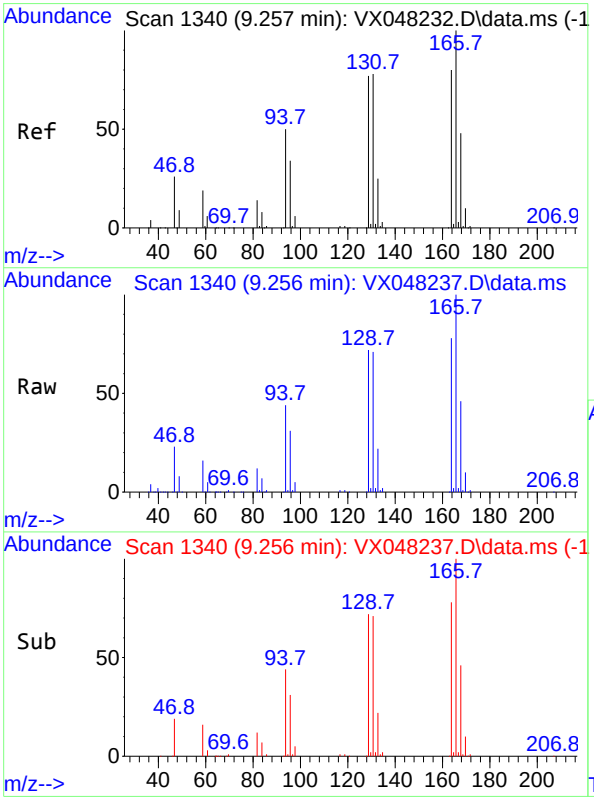
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:117 Resp: 201397

Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.5	69.7
119	32.2	25.9	38.9

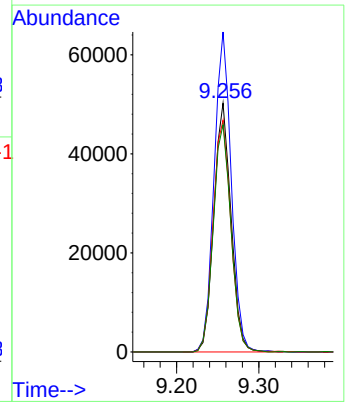


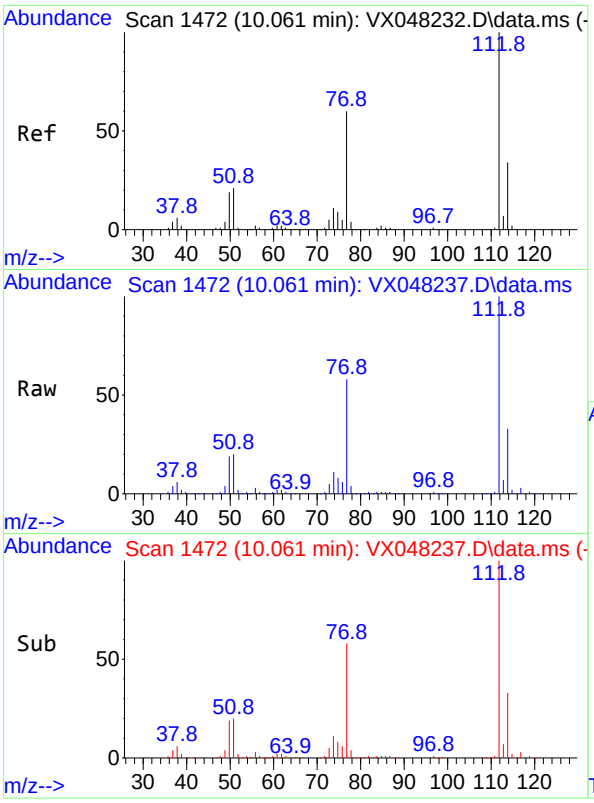


#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:164 Resp: 73198

Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.5	156.7
129	93.1	81.8	122.6
131	91.3	77.0	115.6



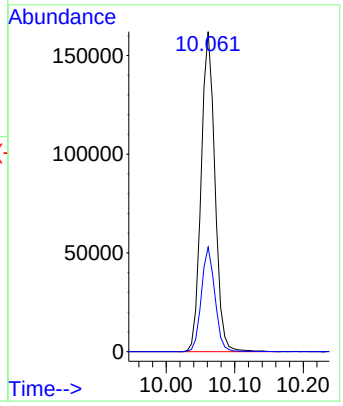


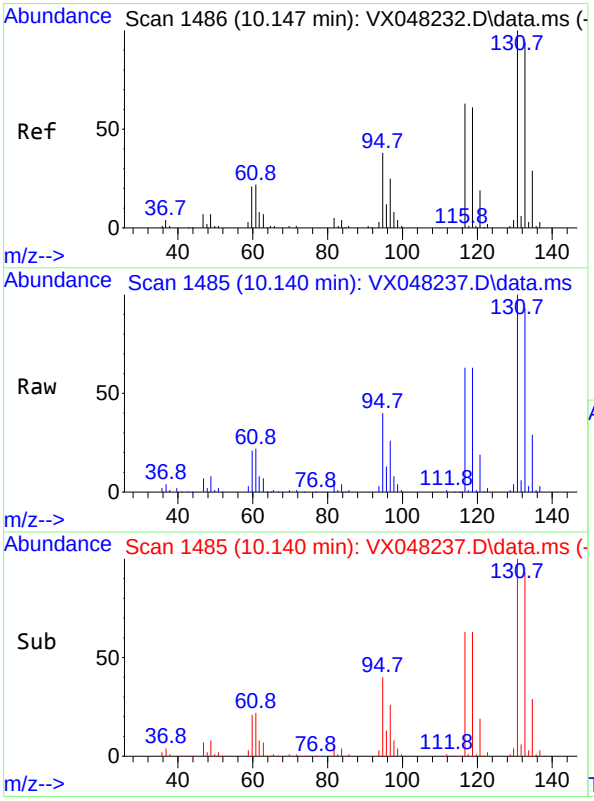
#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:112 Resp: 226953

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.2

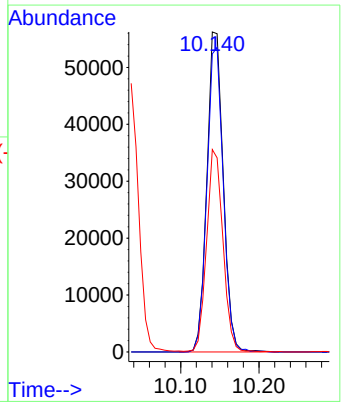


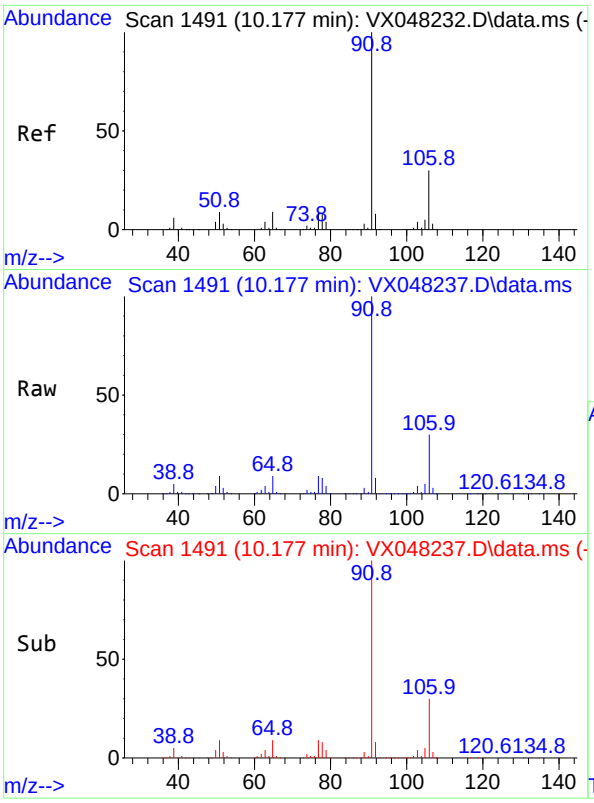


#66
1,1,1,2-Tetrachloroethane
Concen: 49.014 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:131 Resp: 81561

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	63.3	32.5	97.5



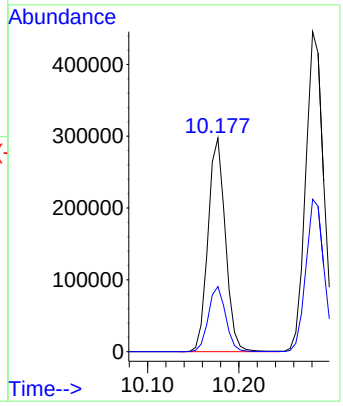


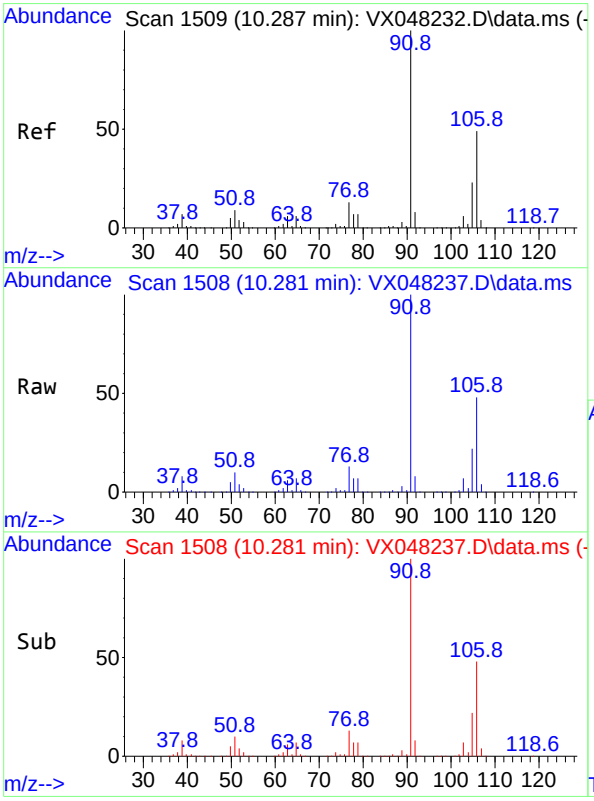
#67
Ethyl Benzene
Concen: 50.798 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 91 Resp: 391830

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6

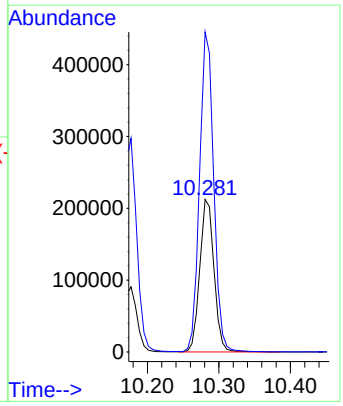


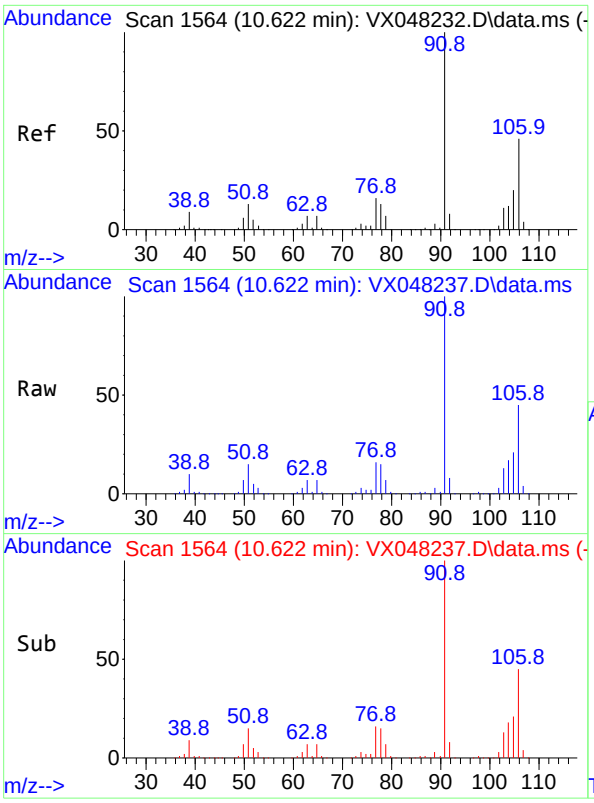


#68
m/p-Xylenes
Concen: 102.416 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:106 Resp: 293516

Ion	Ratio	Lower	Upper
106	100		
91	208.2	167.9	251.9



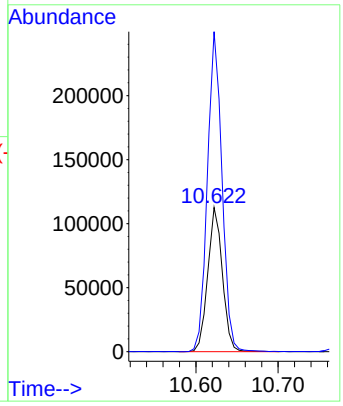


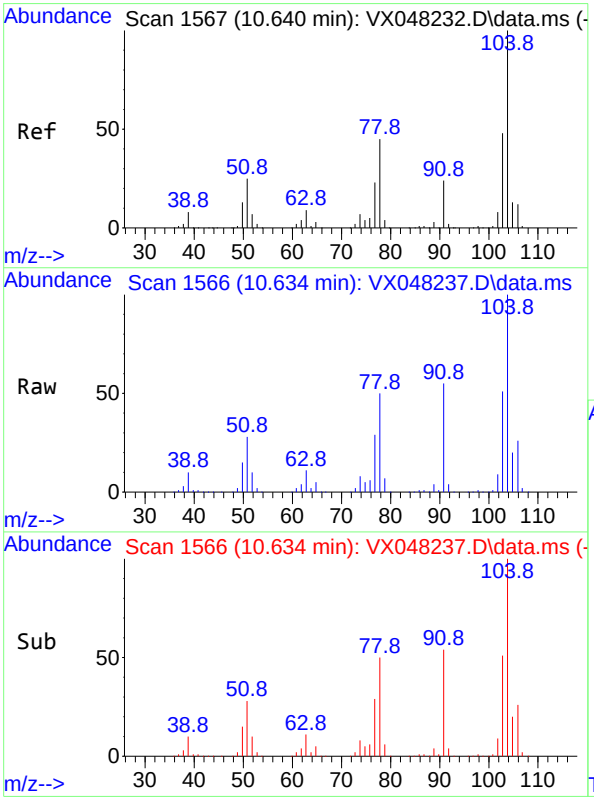
#69
o-Xylene
Concen: 50.424 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:106 Resp: 139515

Ion	Ratio	Lower	Upper
106	100		
91	221.1	111.3	333.9

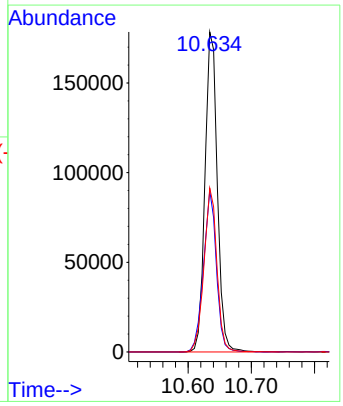


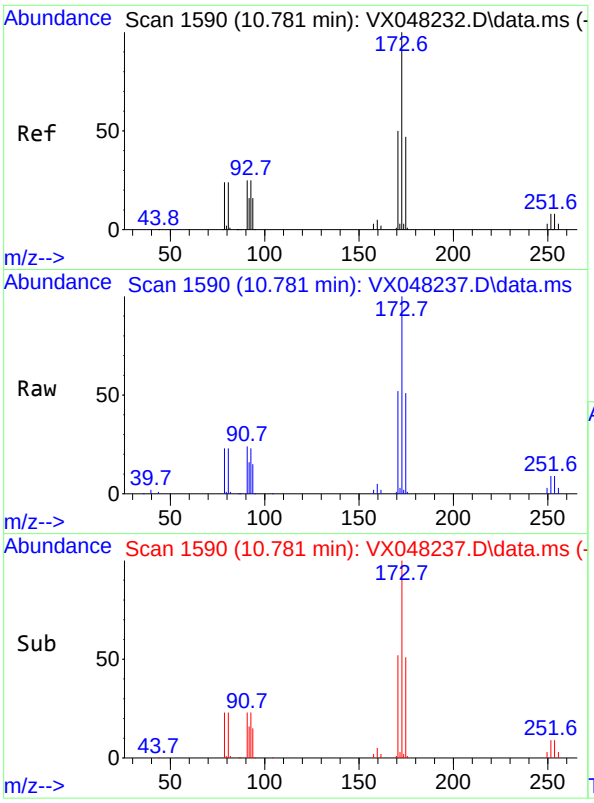


#70
Styrene
Concen: 51.651 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:104 Resp: 243341

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	53.8	43.0	64.4



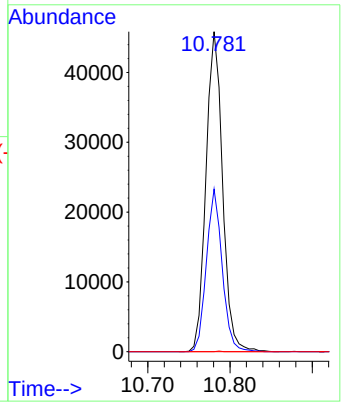


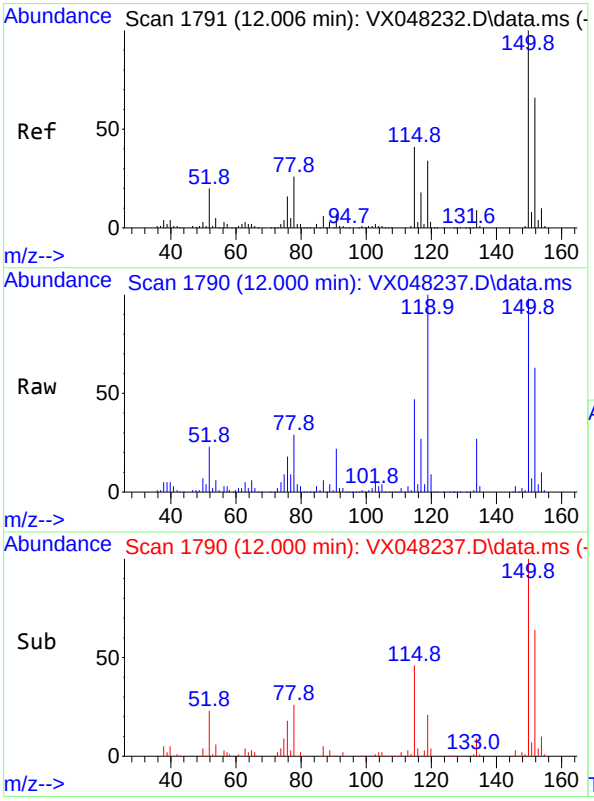
#71
Bromoform
Concen: 48.250 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:173 Resp: 64170

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.1	0.0	0.0#

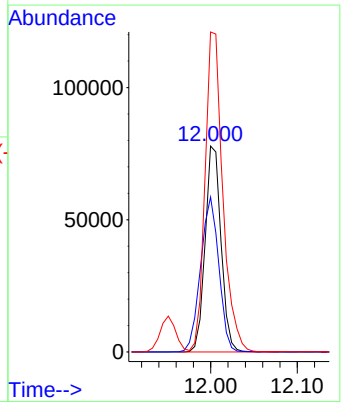


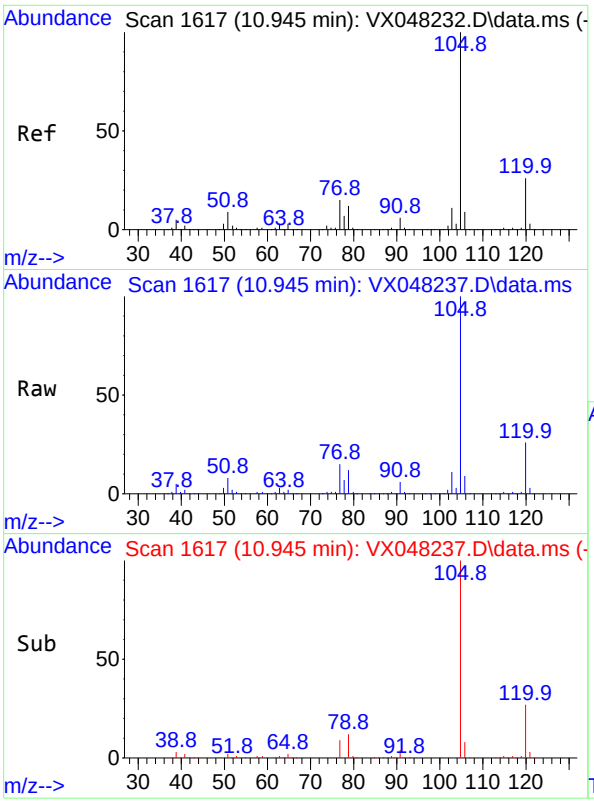


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:152 Resp: 99108

Ion	Ratio	Lower	Upper
152	100		
115	86.2	43.1	129.4
150	173.4	0.0	353.0



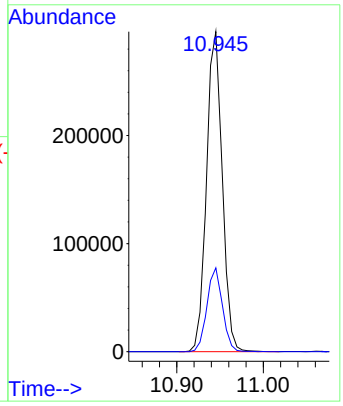


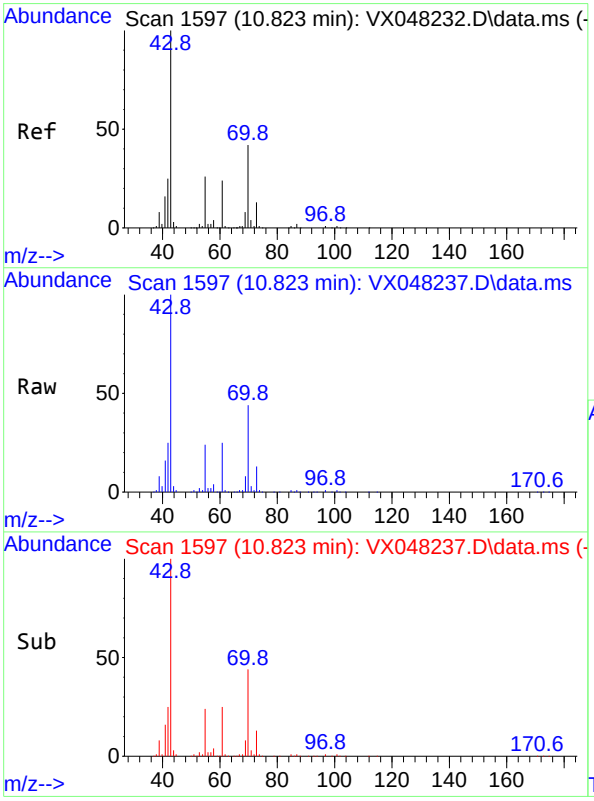
#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:105 Resp: 373948

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

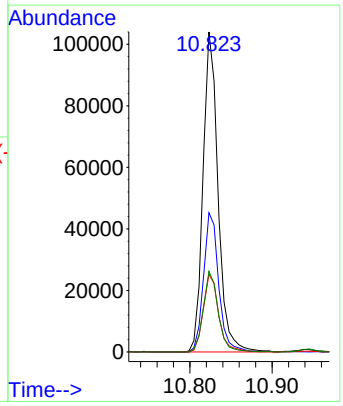


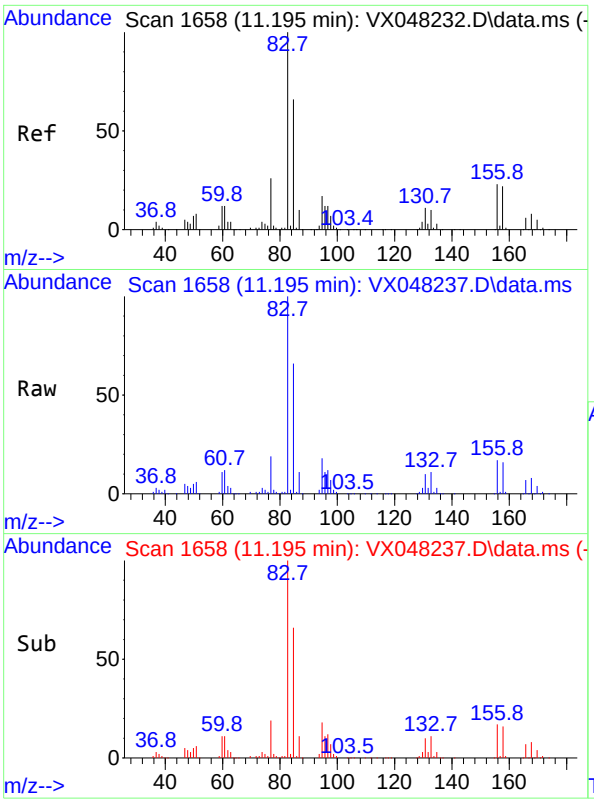


#74
N-amyl acetate
Concen: 51.399 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 43 Resp: 131979

Ion	Ratio	Lower	Upper
43	100		
70	44.1	32.2	48.2
55	25.0	19.1	28.7
61	25.1	18.6	28.0



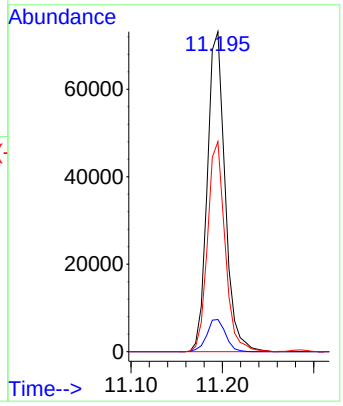


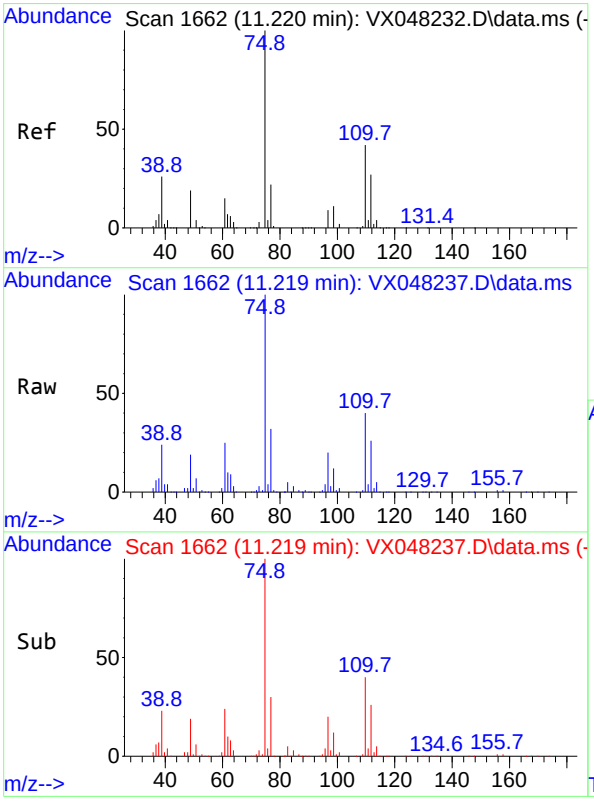
#75
1,1,2,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 83 Resp: 98715

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	64.8	31.9	95.7

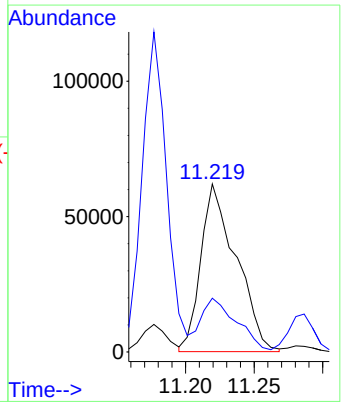


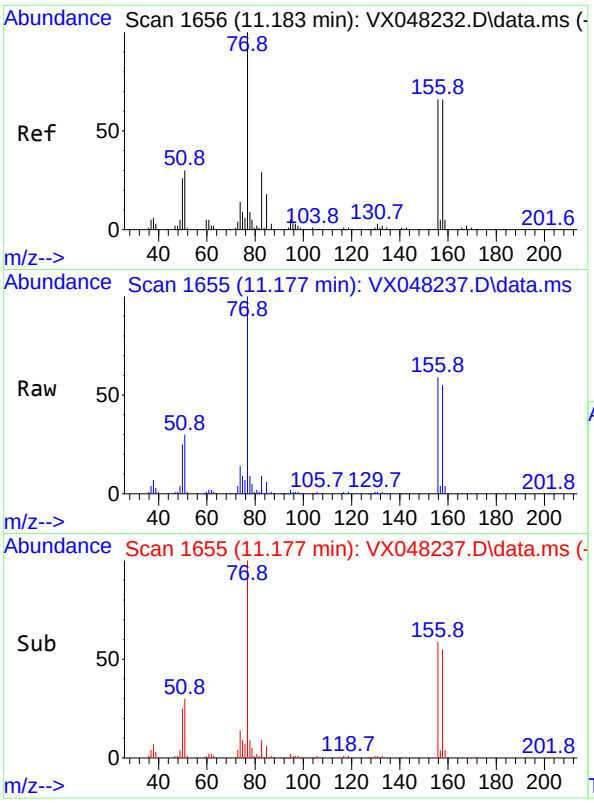


#76
1,2,3-Trichloropropane
Concen: 69.229 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 111265

Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.4	67.2



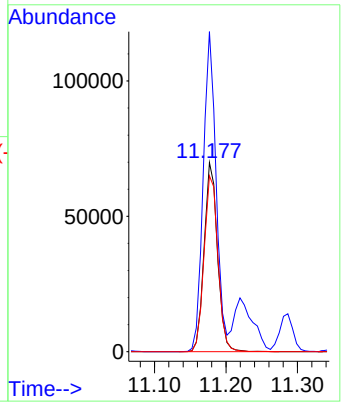


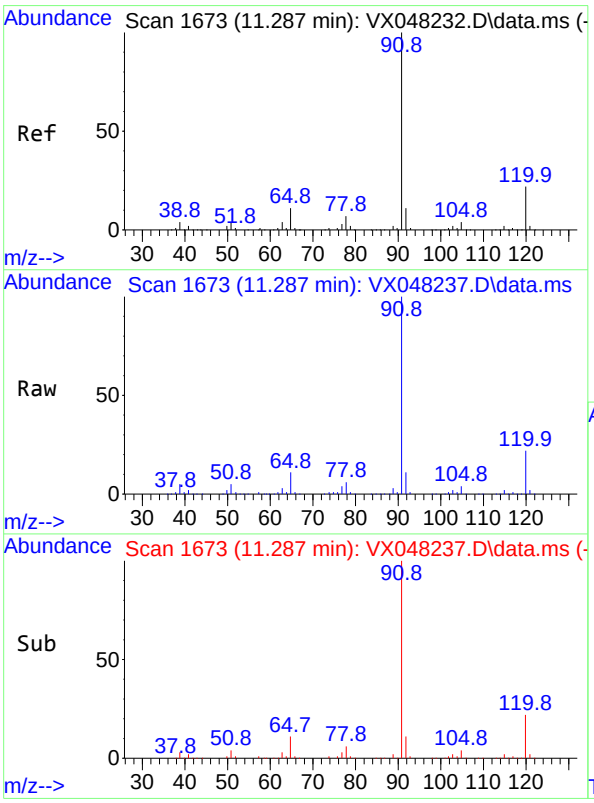
#77
Bromobenzene
Concen: 50.135 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:156 Resp: 91000

Ion	Ratio	Lower	Upper
156	100		
77	162.5	87.0	261.0
158	96.4	47.8	143.4

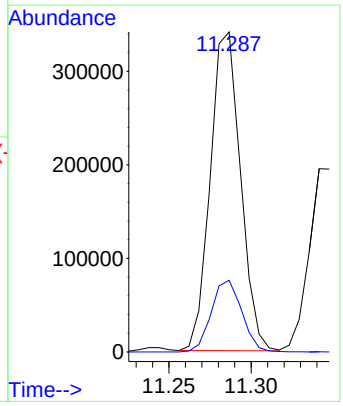


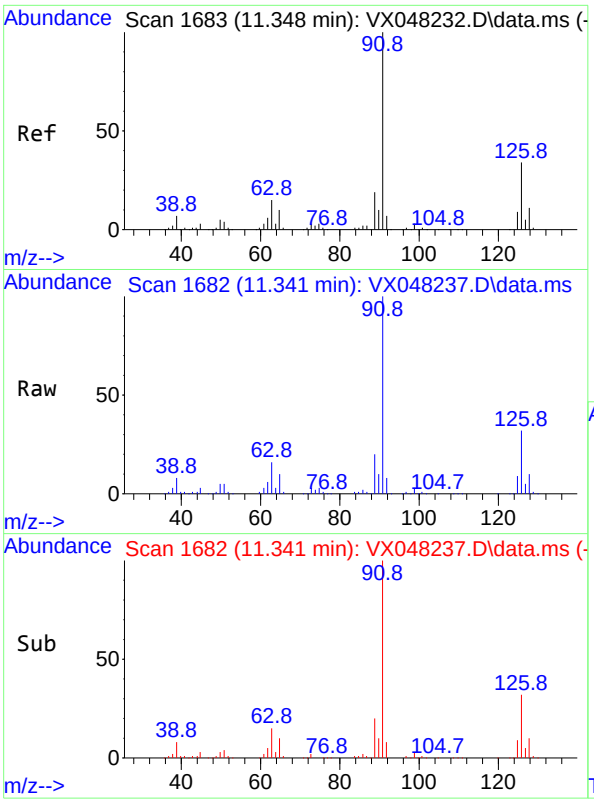


#78
n-propylbenzene
Concen: 51.980 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 435662

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1



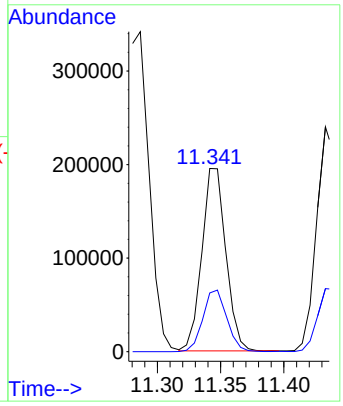


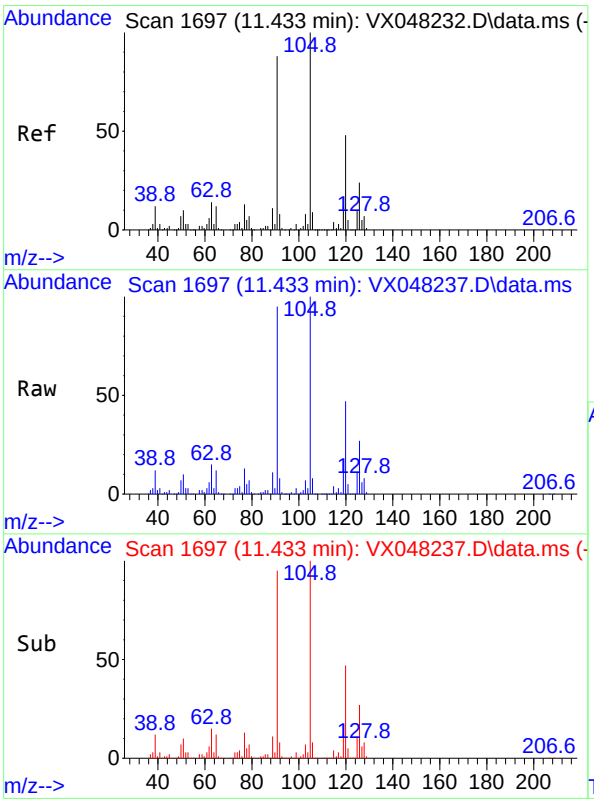
#79
2-Chlorotoluene
Concen: 50.760 ug/l
RT: 11.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 91 Resp: 257936

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.4	49.4

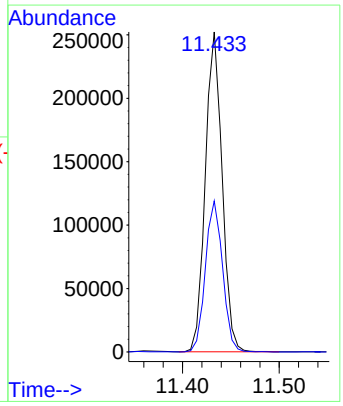


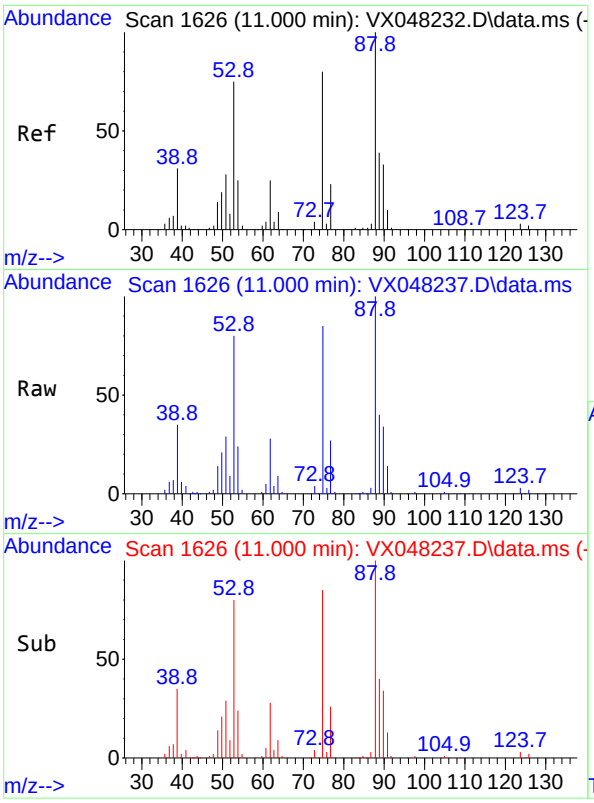


#80
1,3,5-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 305027

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.0	72.0



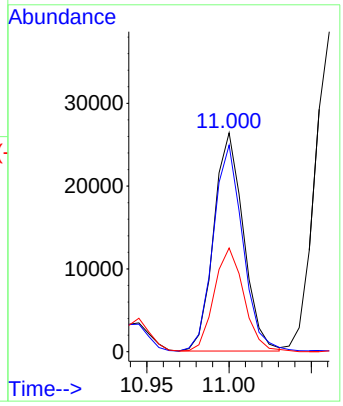


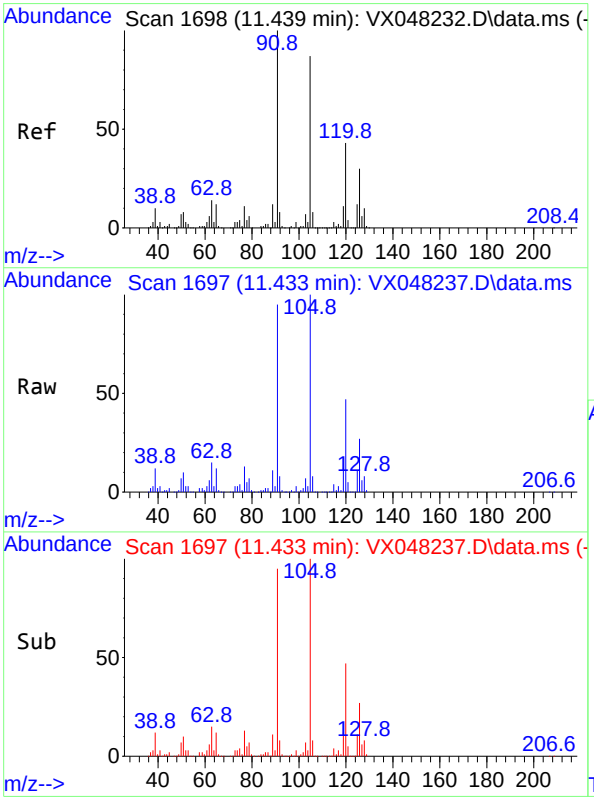
#81
trans-1,4-Dichloro-2-butene
Concen: 49.995 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 75 Resp: 33027

Ion	Ratio	Lower	Upper
75	100		
53	95.4	79.5	119.3
89	48.1	36.8	55.2

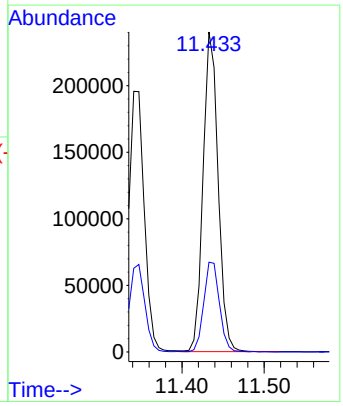


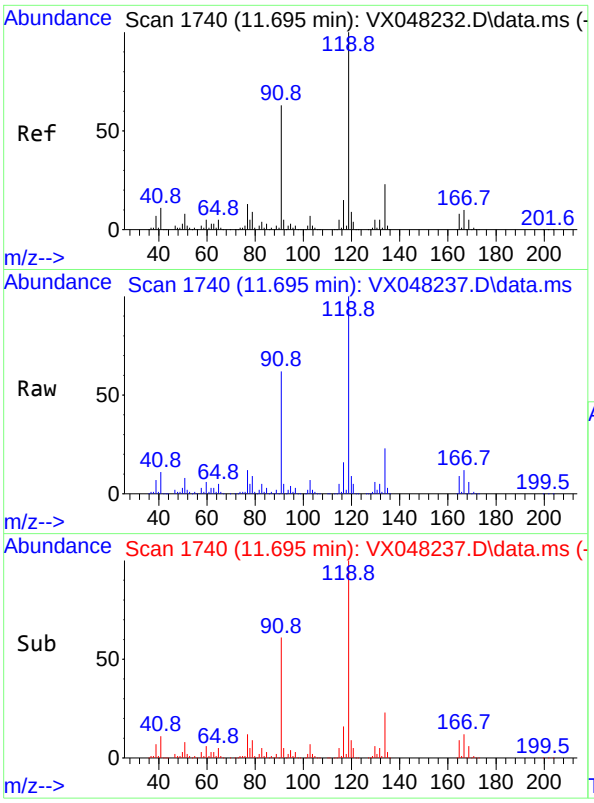


#82
4-Chlorotoluene
Concen: 50.507 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 91 Resp: 304670

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.1	42.4



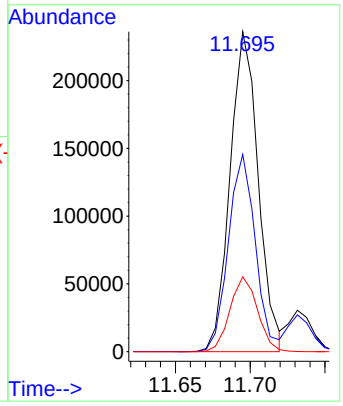


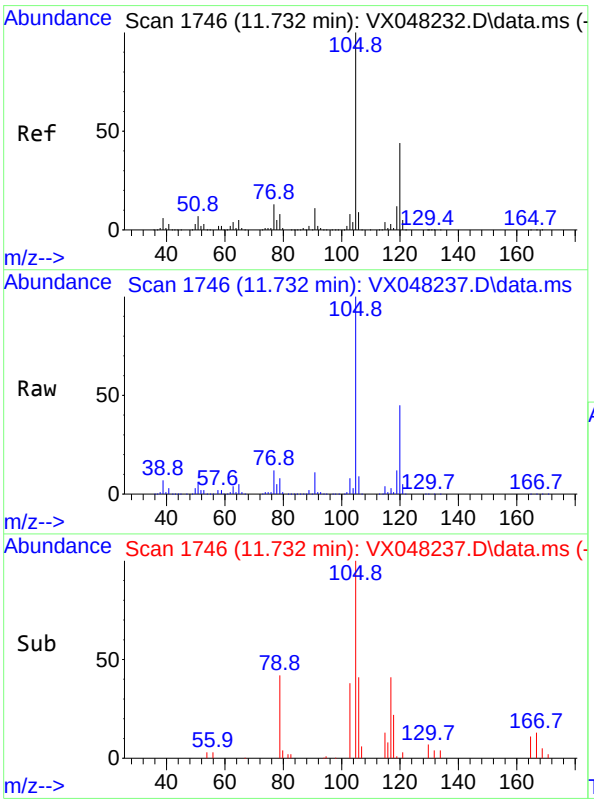
#83
tert-Butylbenzene
Concen: 50.288 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:119 Resp: 309524

Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.3	91.0
134	22.9	11.4	34.2

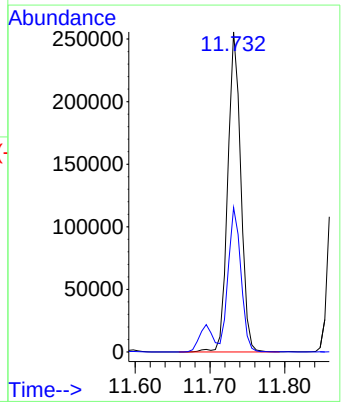


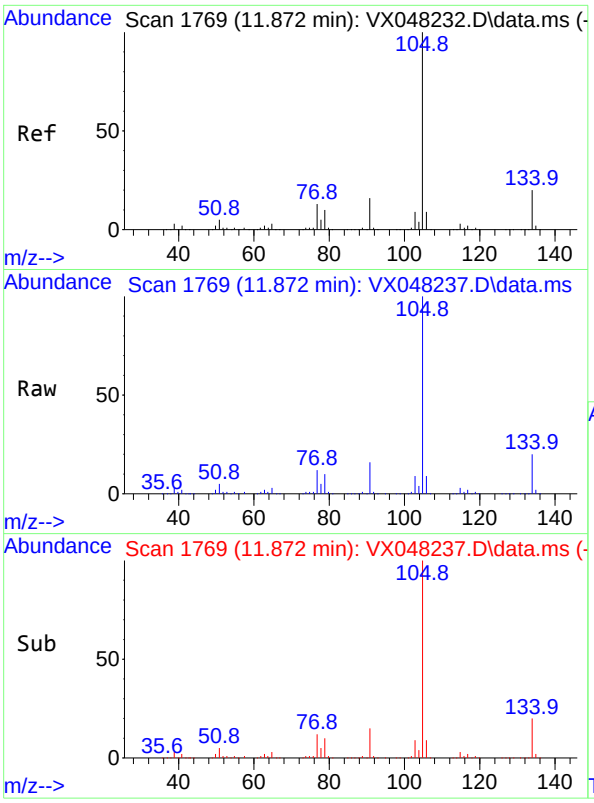


#84
1,2,4-Trimethylbenzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:105 Resp: 308529

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5



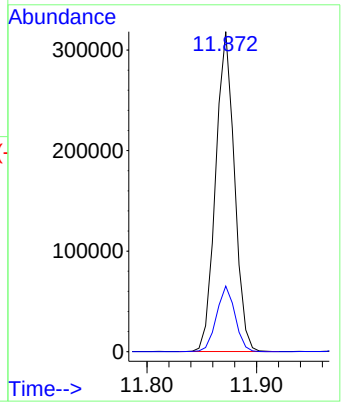


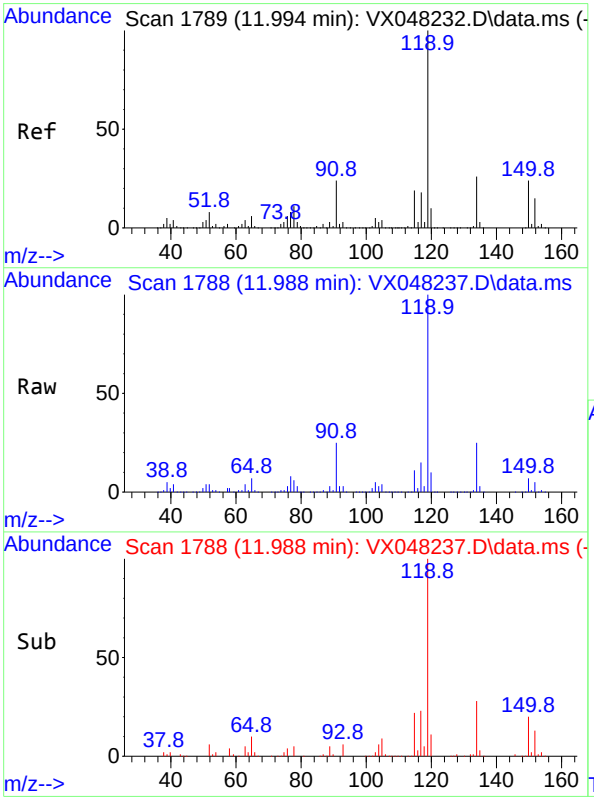
#85
sec-Butylbenzene
Concen: 51.230 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:105 Resp: 379368

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.1

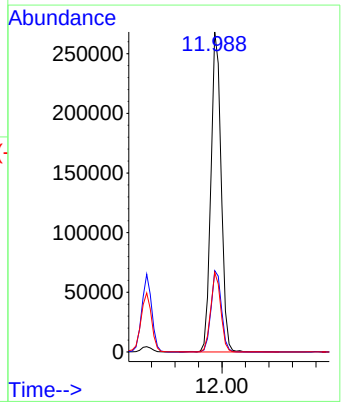


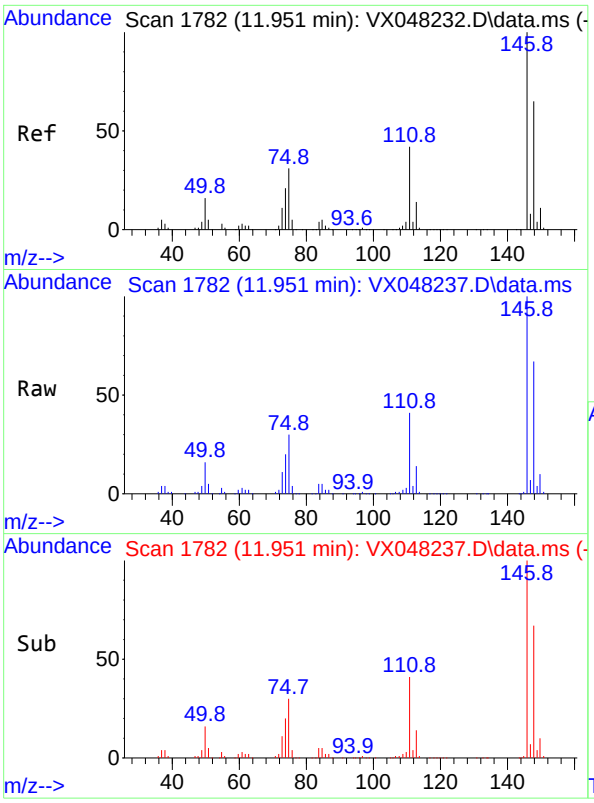


#86
p-Isopropyltoluene
Concen: 50.686 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:119 Resp: 324425

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.3	12.1	36.3



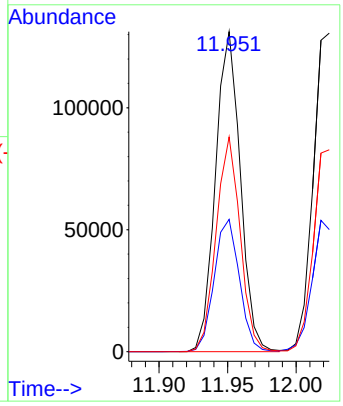


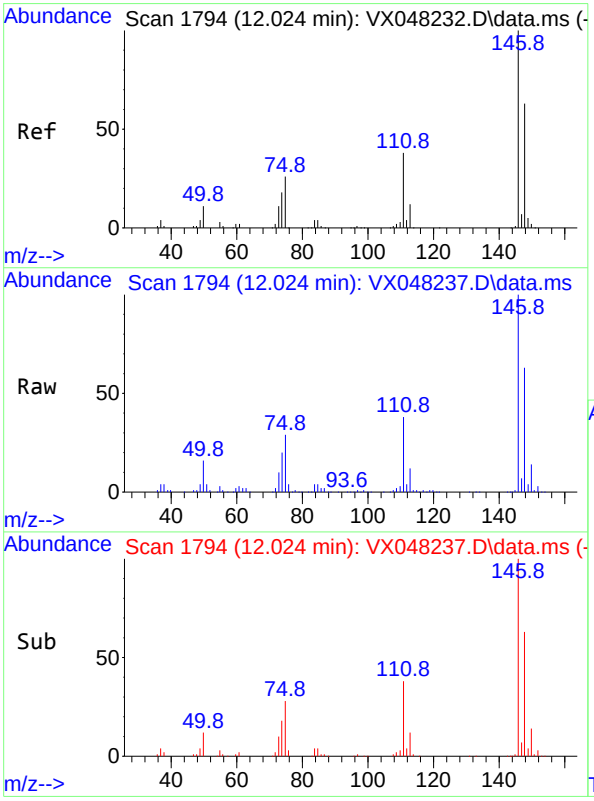
#87
1,3-Dichlorobenzene
Concen: 48.229 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:146 Resp: 165027

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	65.3	31.9	95.9

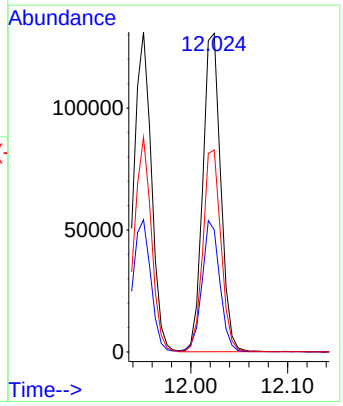


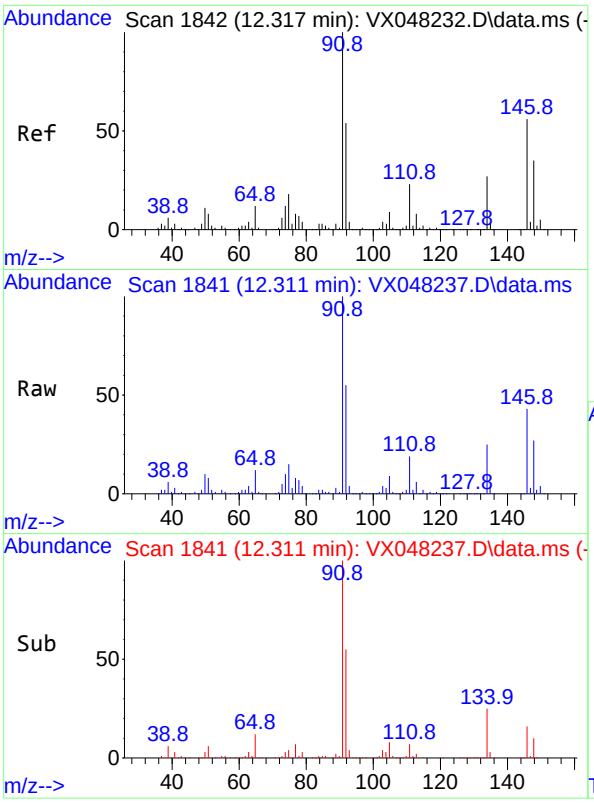


#88
1,4-Dichlorobenzene
Concen: 47.423 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:146 Resp: 168102

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.1	60.2
148	63.9	31.8	95.3



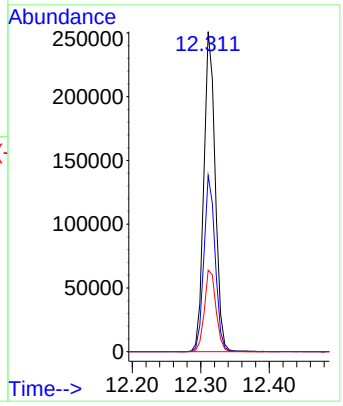


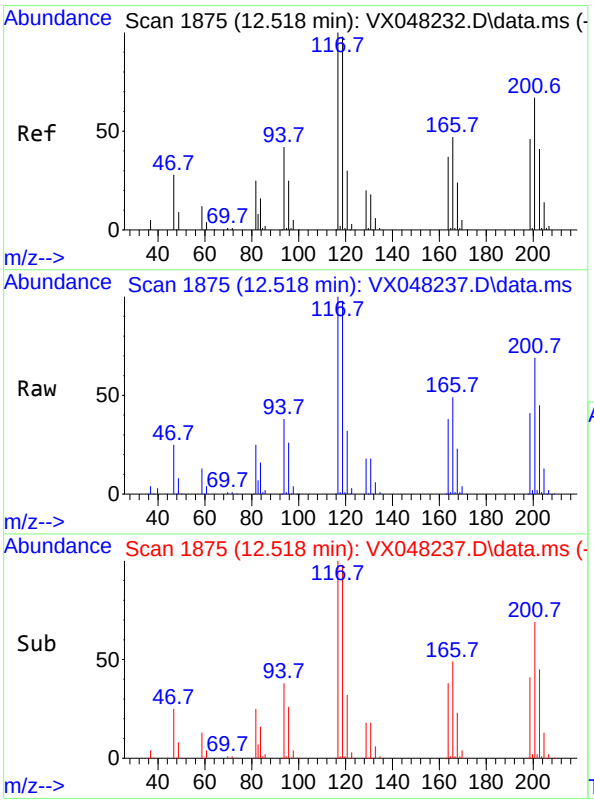
#89
n-Butylbenzene
Concen: 49.728 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion: 91 Resp: 289706

Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.9	80.6
134	26.1	12.7	38.1

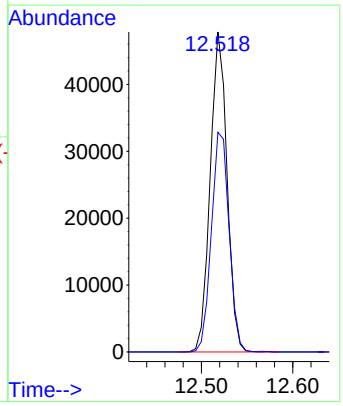


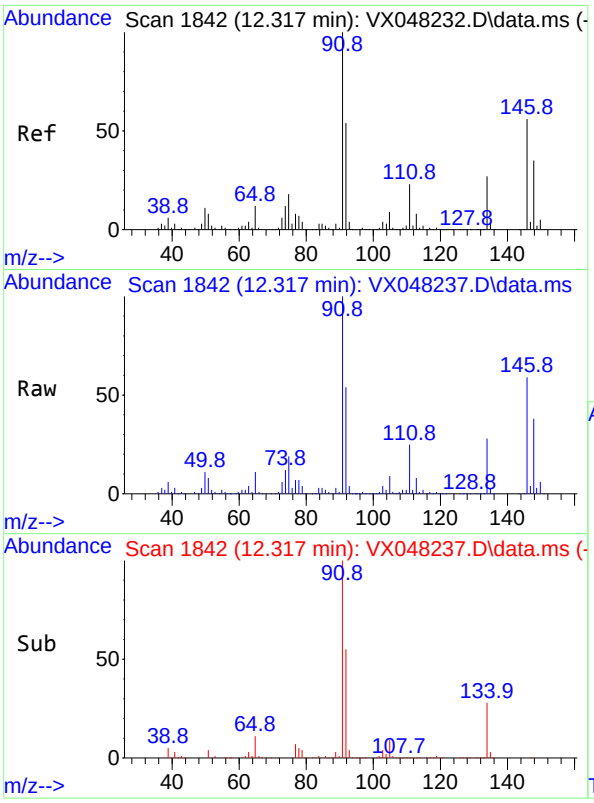


#90
Hexachloroethane
Concen: 48.437 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:117 Resp: 61223

Ion	Ratio	Lower	Upper
117	100		
201	72.4	34.1	102.2



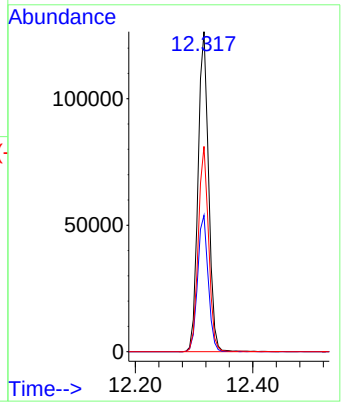


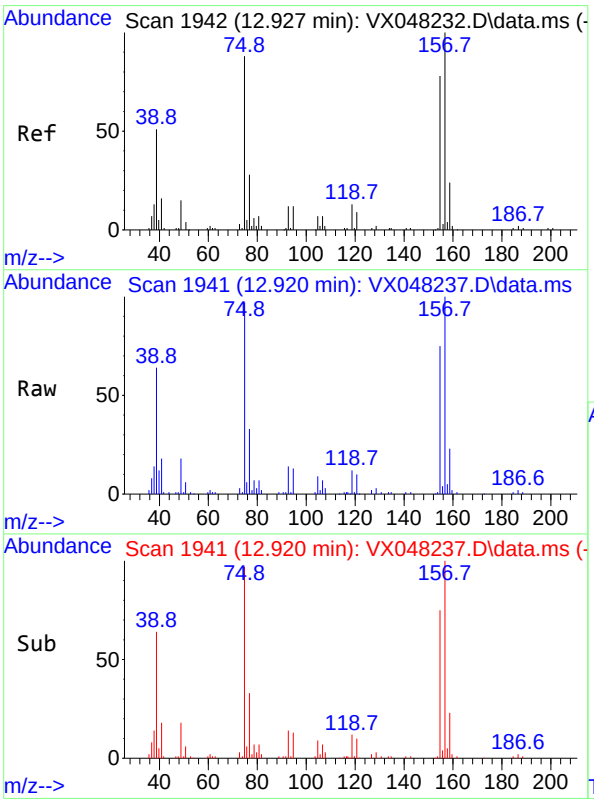
#91
1,2-Dichlorobenzene
Concen: 49.123 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:146 Resp: 157812

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.9	65.5
148	62.8	31.9	95.5

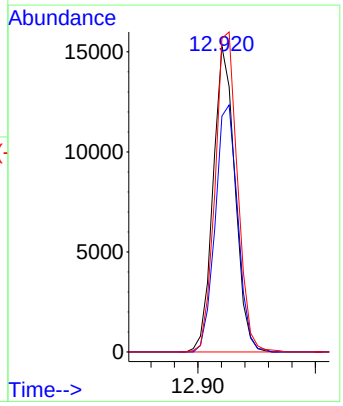


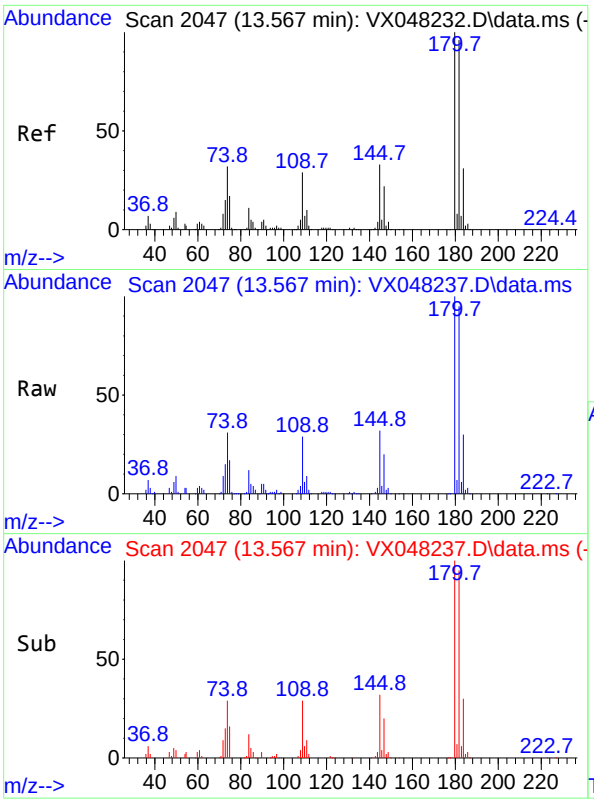


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.072 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion: 75 Resp: 19691

Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.8	128.4
157	107.6	54.2	162.6



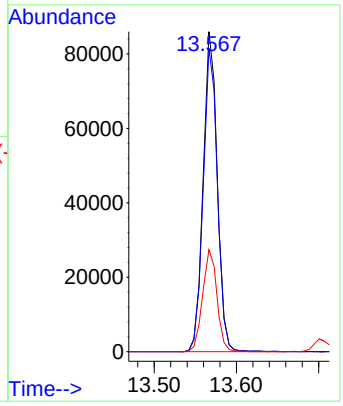


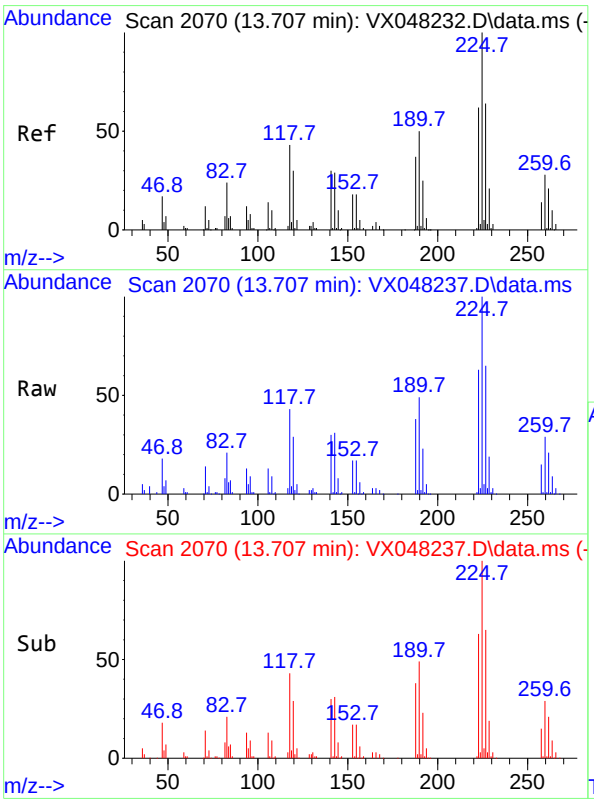
#93
1,2,4-Trichlorobenzene
Concen: 46.941 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:180 Resp: 101983

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	32.5	16.3	48.9

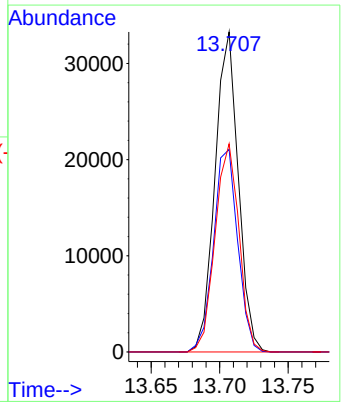


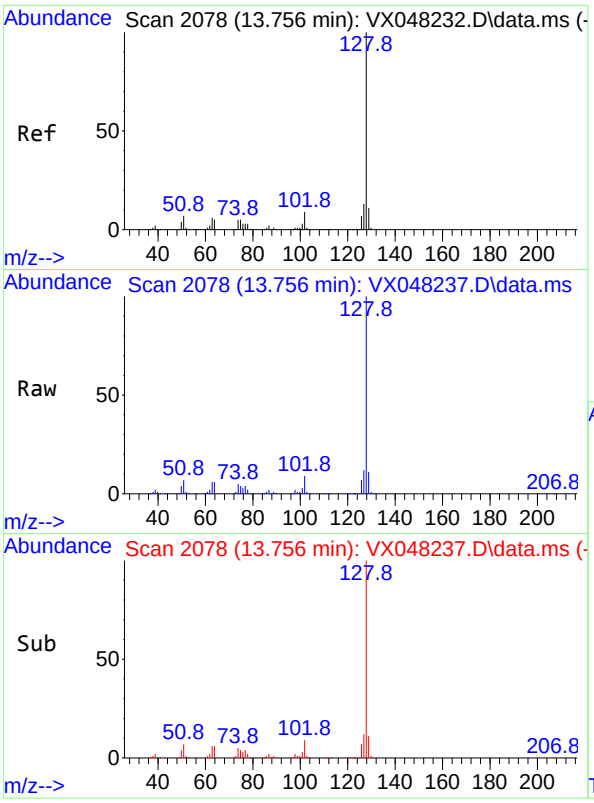


#94
Hexachlorobutadiene
Concen: 48.274 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:225 Resp: 39299

Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.6	97.7
227	66.5	32.5	97.4



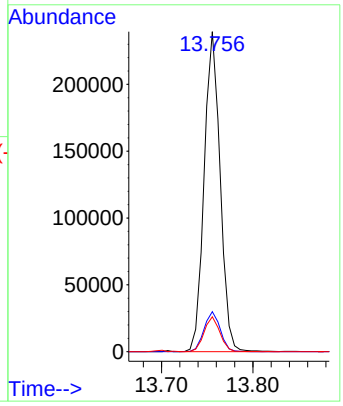


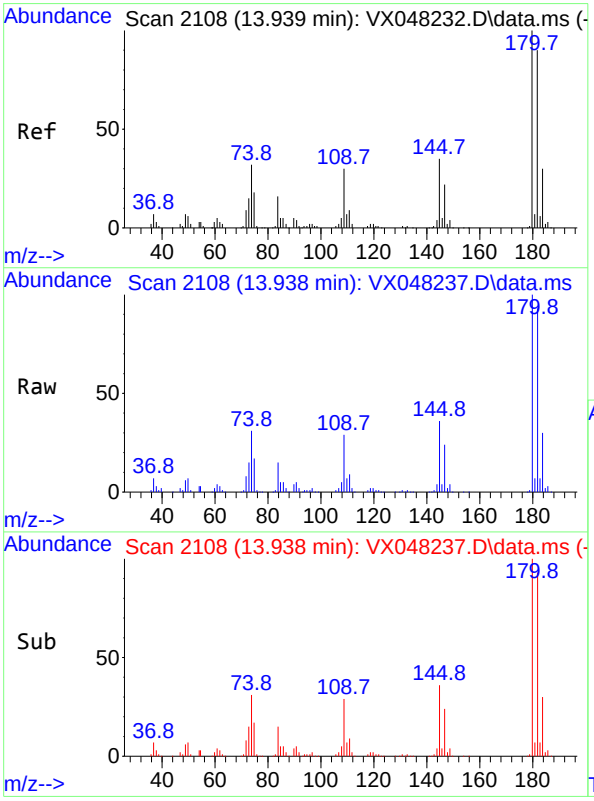
#95
Naphthalene
Concen: 50.362 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102025

Tgt Ion:128 Resp: 289882

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.6	12.8

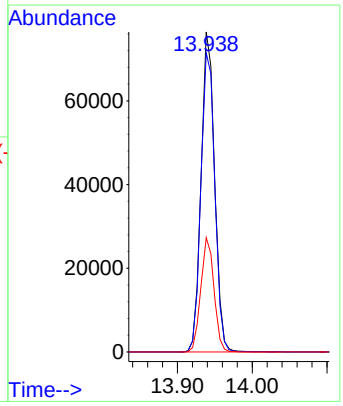




#96
1,2,3-Trichlorobenzene
Concen: 48.223 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048237.D
Acq: 20 Oct 2025 14:28

Tgt Ion:180 Resp: 96139

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.7
145	34.8	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	144122	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	227103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	96991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	94847	46.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.880%			
35) Dibromofluoromethane	5.361	113	77279	49.844	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.628	98	261228	48.070	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.061	95	95248	46.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	71433	48.214	ug/l	96
3) Chloromethane	1.300	50	67413	48.746	ug/l	98
4) Vinyl Chloride	1.380	62	64624	50.463	ug/l	99
5) Bromomethane	1.617	94	43146	49.645	ug/l	97
6) Chloroethane	1.697	64	37653	50.036	ug/l	90
7) Trichlorofluoromethane	1.898	101	117120	47.687	ug/l	99
8) Diethyl Ether	2.129	74	32474	46.991	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	73938	47.541	ug/l	96
10) Methyl Iodide	2.453	142	89481	45.766	ug/l	100
11) Tert butyl alcohol	2.934	59	34686	172.886	ug/l	98
12) 1,1-Dichloroethene	2.325	96	71745	47.416	ug/l	88
13) Acrolein	2.233	56	55830	272.848	ug/l	99
14) Allyl chloride	2.666	41	114538	45.594	ug/l	97
15) Acrylonitrile	3.050	53	152721	211.101	ug/l	99
16) Acetone	2.367	43	166093	239.598	ug/l	95
17) Carbon Disulfide	2.514	76	207386	43.489	ug/l	100
18) Methyl Acetate	2.696	43	59246	40.924	ug/l	94
19) Methyl tert-butyl Ether	3.099	73	227127	44.001	ug/l	97
20) Methylene Chloride	2.788	84	80164	47.460	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	77587	46.681	ug/l	97
22) Diisopropyl ether	3.745	45	232684	46.439	ug/l	95
23) Vinyl Acetate	3.708	43	904806	226.065	ug/l	98
24) 1,1-Dichloroethane	3.599	63	137234	45.296	ug/l	99
25) 2-Butanone	4.531	43	187588	213.793	ug/l	100
26) 2,2-Dichloropropane	4.458	77	122921	44.950	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	87886	45.309	ug/l	98
28) Bromochloromethane	4.879	49	62707	49.917	ug/l	86
29) Tetrahydrofuran	4.983	42	100043	190.379	ug/l	93
30) Chloroform	5.074	83	145033	44.807	ug/l	98
31) Cyclohexane	5.452	56	113590	45.286	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	132637	44.462	ug/l	98
36) 1,1-Dichloropropene	5.672	75	97868	44.412	ug/l	100
37) Ethyl Acetate	4.690	43	73825	40.418	ug/l	98
38) Carbon Tetrachloride	5.659	117	120960	44.491	ug/l	96
39) Methylcyclohexane	7.360	83	115804	44.497	ug/l	95
40) Benzene	6.013	78	290616	45.424	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	40965	42.707	ug/l		96
42) 1,2-Dichloroethane	6.062	62	105747	44.791	ug/l		99
43) Isopropyl Acetate	6.318	43	122589	40.859	ug/l		95
44) Trichloroethene	7.104	130	76506	45.286	ug/l		92
45) 1,2-Dichloropropane	7.409	63	69342	45.586	ug/l		100
46) Dibromomethane	7.561	93	52913	44.649	ug/l		94
47) Bromodichloromethane	7.799	83	115823	45.265	ug/l		98
48) Methyl methacrylate	7.671	41	62073	41.000	ug/l		94
49) 1,4-Dioxane	7.641	88	15658	782.834	ug/l		92
51) 4-Methyl-2-Pentanone	8.555	43	343412	198.518	ug/l		95
52) Toluene	8.701	92	180638	44.443	ug/l		100
53) t-1,3-Dichloropropene	8.957	75	111868	45.367	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	120247	45.199	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	66141	43.758	ug/l		99
56) Ethyl methacrylate	9.098	69	94033	42.533	ug/l		94
57) 1,3-Dichloropropane	9.287	76	112894	43.726	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	253467	213.469	ug/l		95
59) 2-Hexanone	9.409	43	257988	213.881	ug/l		95
60) Dibromochloromethane	9.500	129	88005	43.319	ug/l		99
61) 1,2-Dibromoethane	9.592	107	69657	43.228	ug/l		98
64) Tetrachloroethene	9.256	164	64080	43.569	ug/l		98
65) Chlorobenzene	10.061	112	201952	45.568	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.140	131	73602	45.215	ug/l		98
67) Ethyl Benzene	10.177	91	342357	45.371	ug/l		98
68) m/p-Xylenes	10.280	106	262482	93.624	ug/l		98
69) o-Xylene	10.622	106	123116	45.486	ug/l		98
70) Styrene	10.634	104	218038	47.309	ug/l		100
71) Bromoform	10.780	173	55833	42.915	ug/l	#	99
73) Isopropylbenzene	10.945	105	327700	46.258	ug/l		100
74) N-amyl acetate	10.823	43	104260	41.490	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.195	83	83168	42.990	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	95070	60.444	ug/l		81
77) Bromobenzene	11.177	156	80981	45.589	ug/l		94
78) n-propylbenzene	11.286	91	383372	46.739	ug/l		98
79) 2-Chlorotoluene	11.347	91	226051	45.456	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	270132	46.077	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	27826	43.041	ug/l		98
82) 4-Chlorotoluene	11.433	91	271398	45.973	ug/l		98
83) tert-Butylbenzene	11.695	119	269543	44.748	ug/l		98
84) 1,2,4-Trimethylbenzene	11.731	105	270636	46.257	ug/l		99
85) sec-Butylbenzene	11.872	105	324459	44.772	ug/l		99
86) p-Isopropyltoluene	11.987	119	278806	44.510	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	150857	45.050	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	150468	43.374	ug/l		99
89) n-Butylbenzene	12.311	91	246692	43.269	ug/l		99
90) Hexachloroethane	12.518	117	53716	43.425	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	137387	43.698	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15819	40.283	ug/l		100
93) 1,2,4-Trichlorobenzene	13.566	180	85831	40.369	ug/l		99
94) Hexachlorobutadiene	13.707	225	32869	41.267	ug/l		99
95) Naphthalene	13.755	128	233946	41.531	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	80863	41.446	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

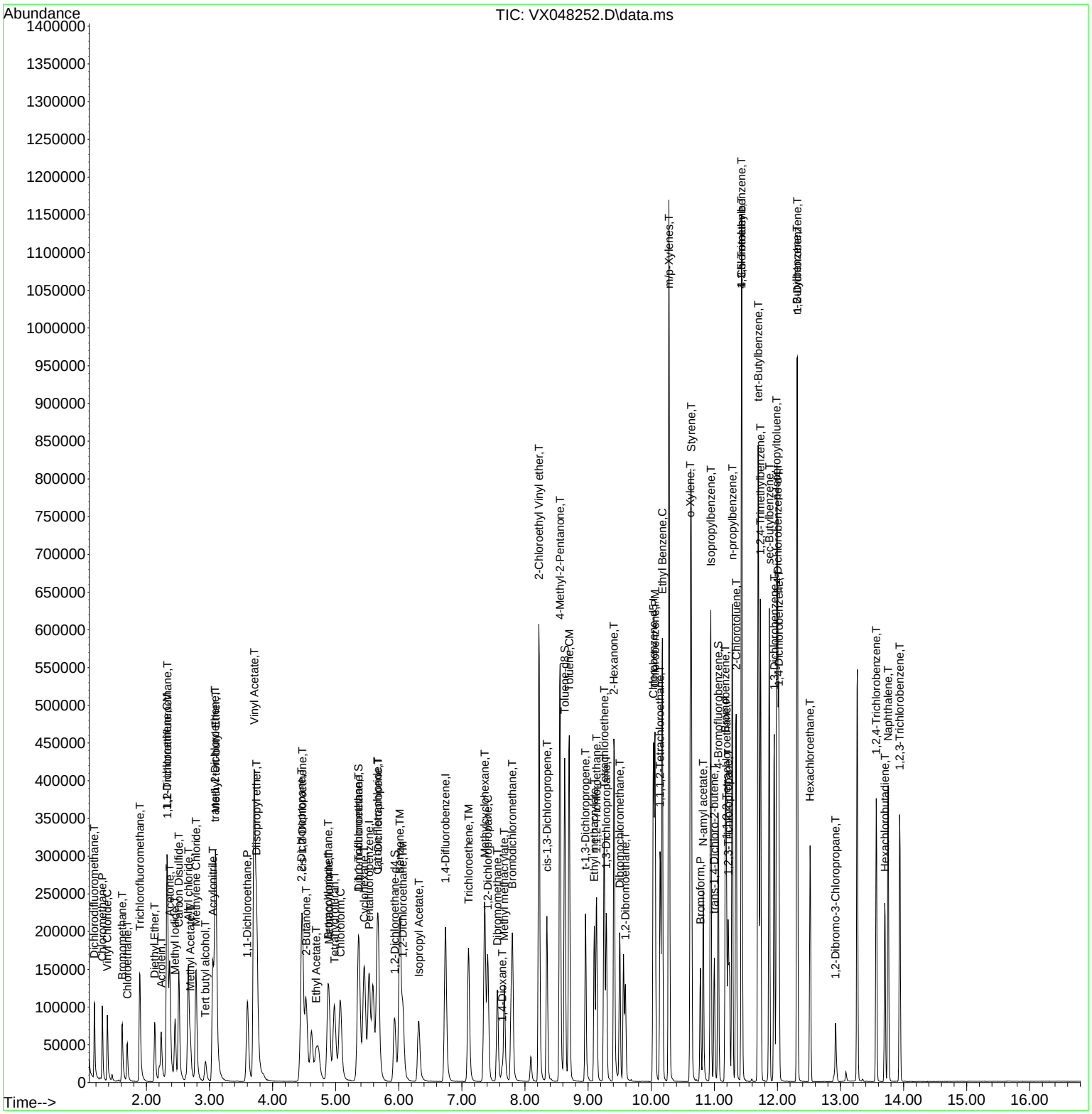
(#) = qualifier out of range (m) = manual integration (+) = signals summed

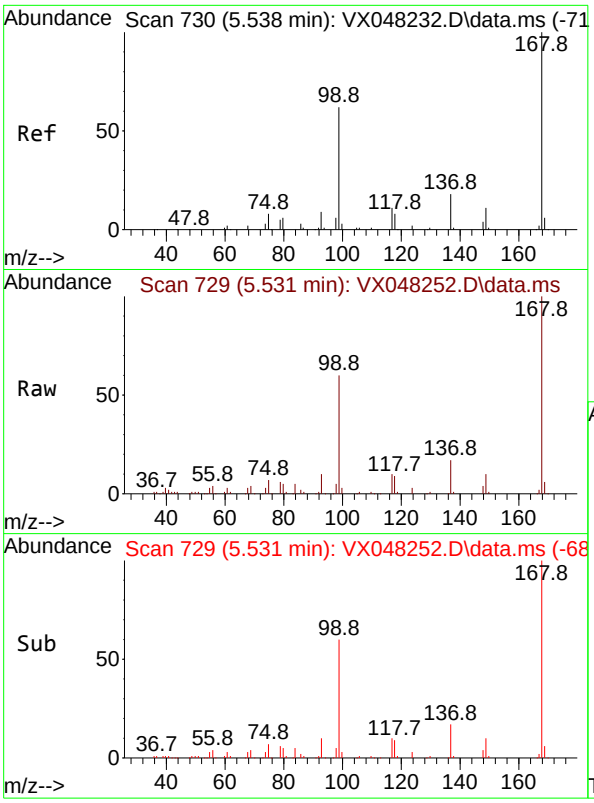
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048252.D
Acq On : 21 Oct 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 04:21:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



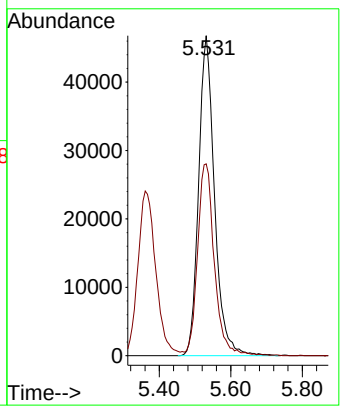


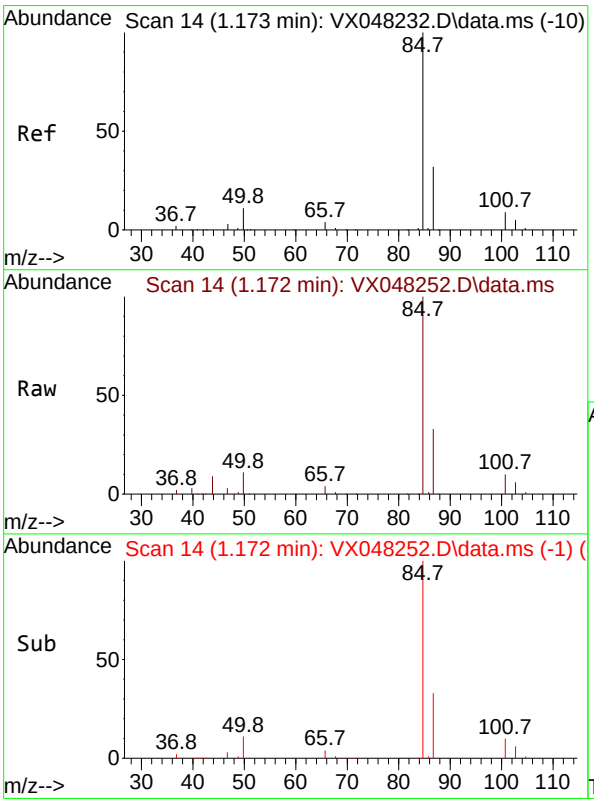
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 144122

Ion	Ratio	Lower	Upper
168	100		
99	59.8	46.4	69.6

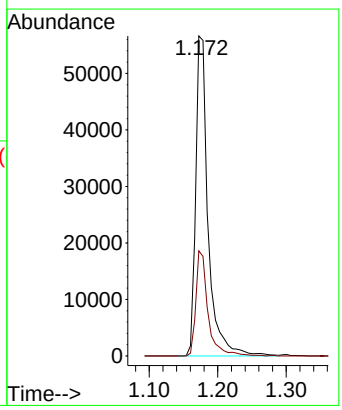


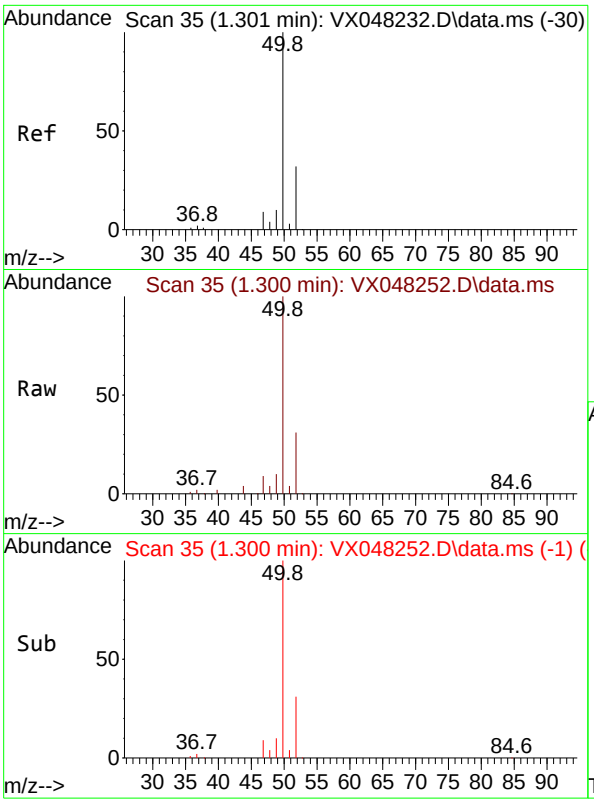


#2
Dichlorodifluoromethane
Concen: 48.214 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 85 Resp: 71433

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.3	45.9



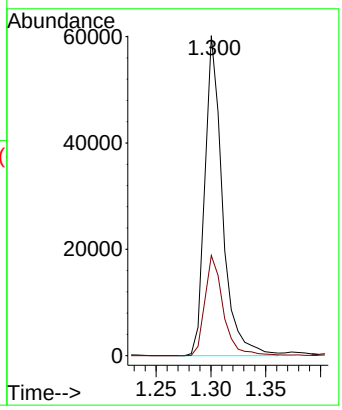


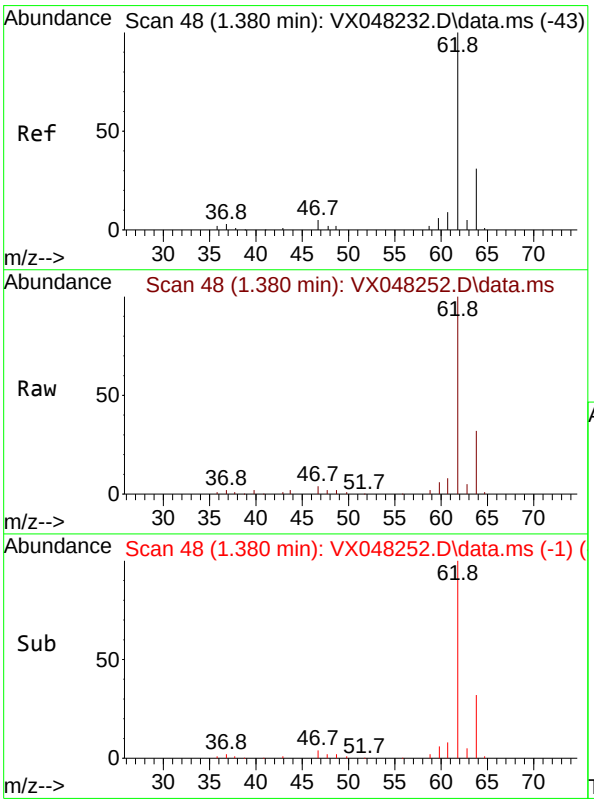
#3
Chloromethane
Concen: 48.746 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 67413

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.9	38.9

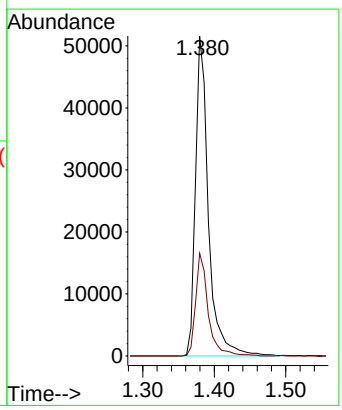


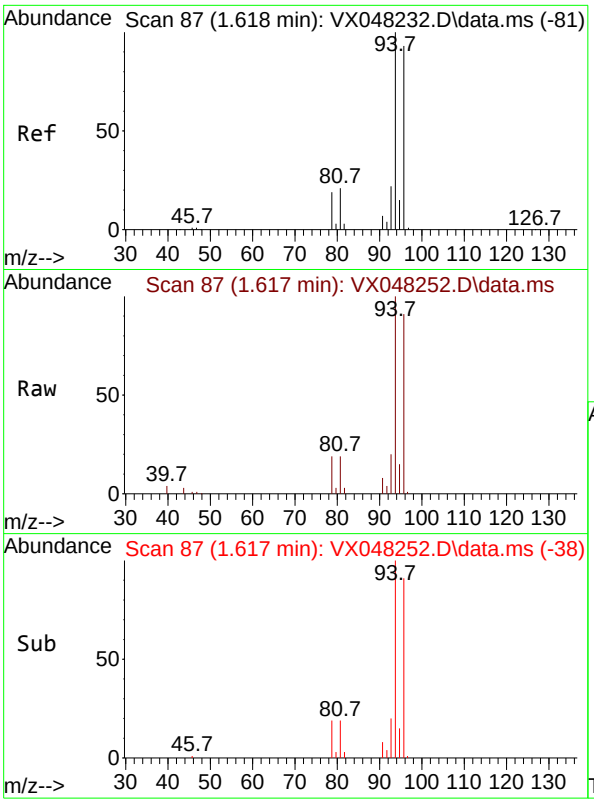


#4
Vinyl Chloride
Concen: 50.463 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 62 Resp: 64624

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.1	37.7



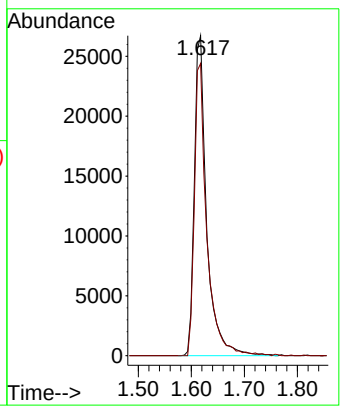


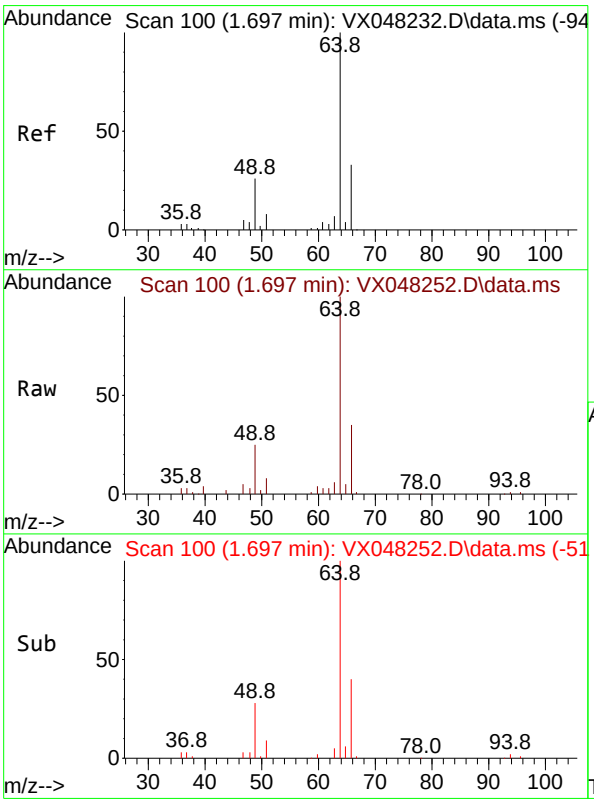
#5
Bromomethane
Concen: 49.645 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 43146

Ion	Ratio	Lower	Upper
94	100		
96	92.1	76.0	114.0

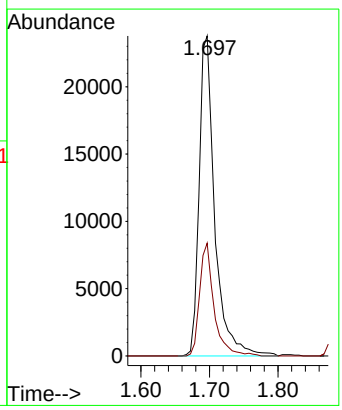


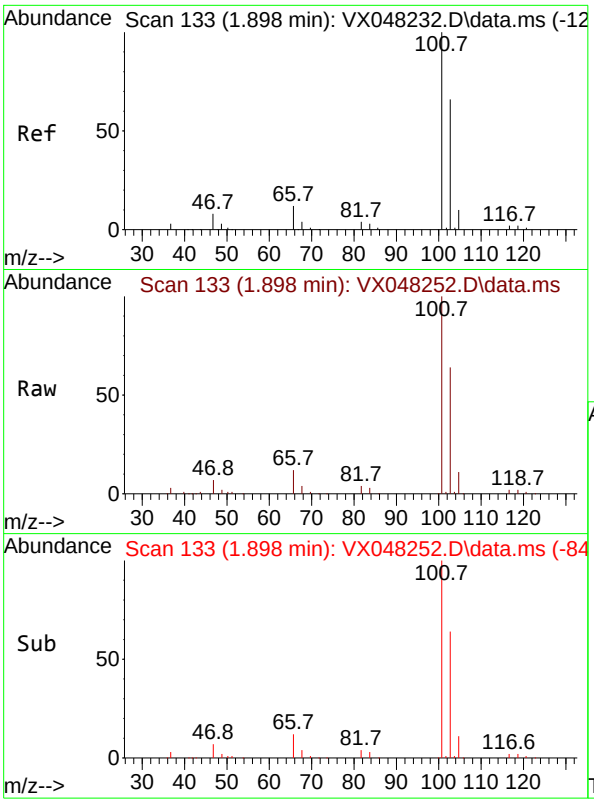


#6
Chloroethane
Concen: 50.036 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 64 Resp: 37653

Ion	Ratio	Lower	Upper
64	100		
66	35.2	23.9	35.9



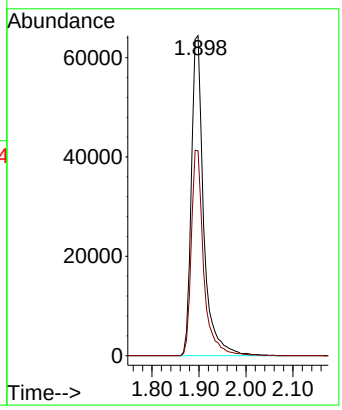


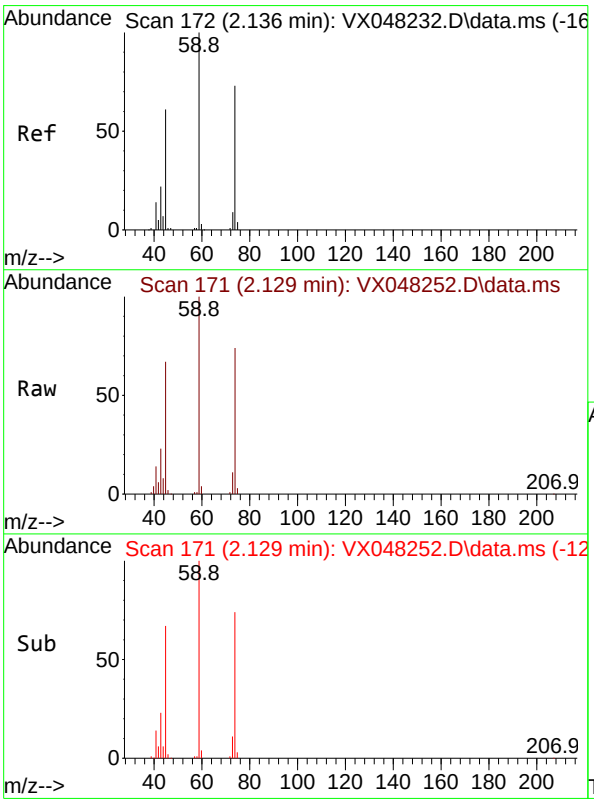
#7
Trichlorofluoromethane
Concen: 47.687 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 117120

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

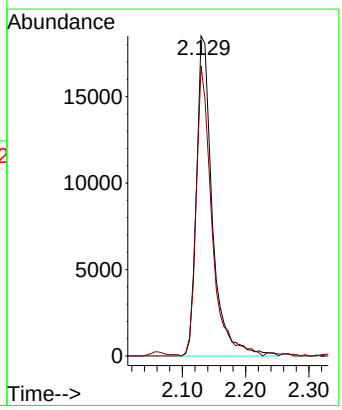


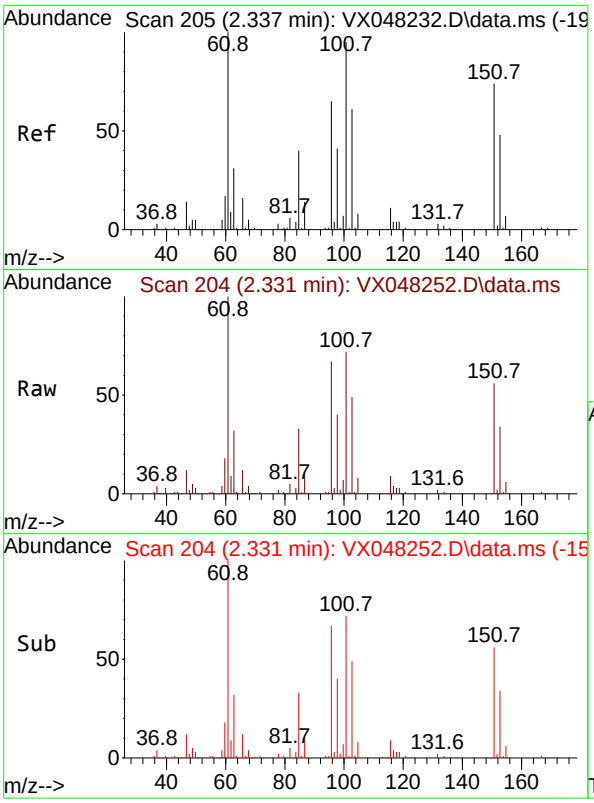


#8
Diethyl Ether
Concen: 46.991 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 74 Resp: 32474

Ion	Ratio	Lower	Upper
74	100		
45	89.4	50.0	149.8



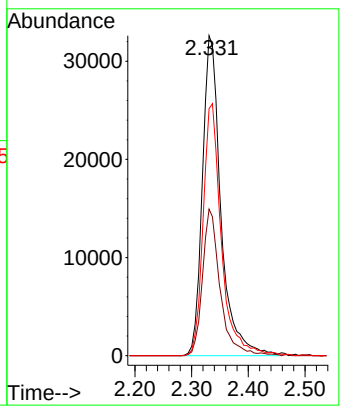


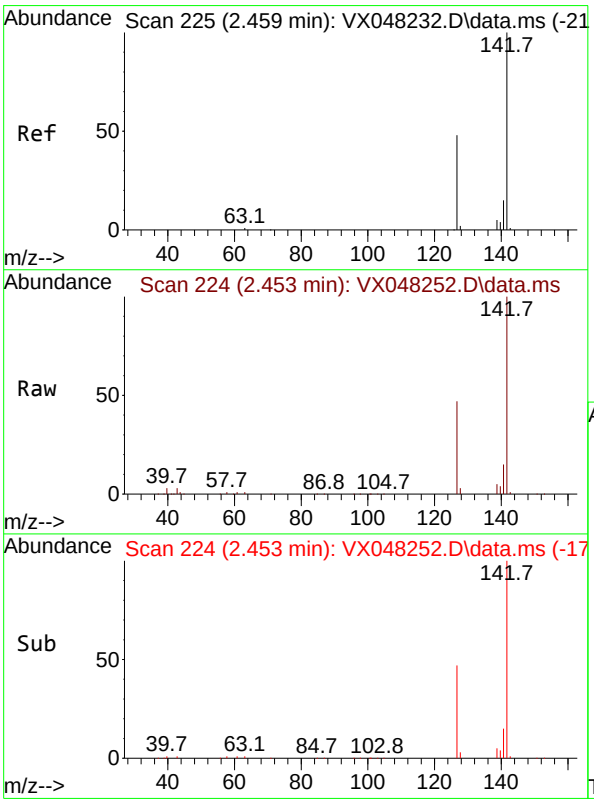
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.541 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73938

Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.6	53.4
151	77.9	58.0	87.0

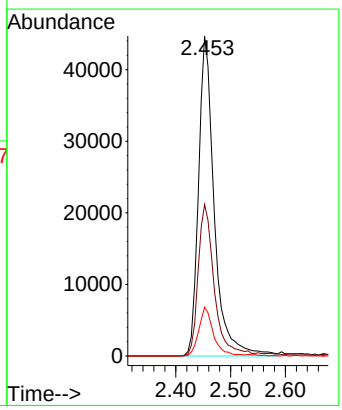


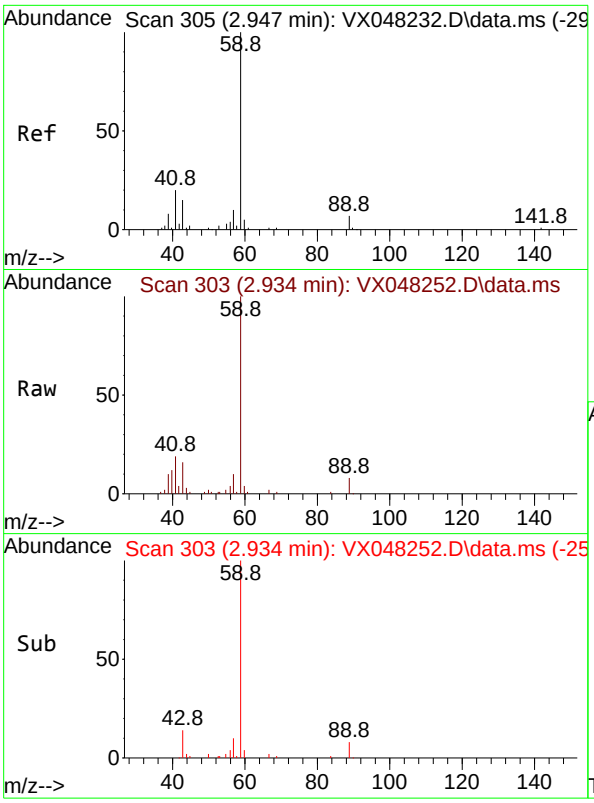


#10
Methyl Iodide
Concen: 45.766 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:142 Resp: 89481

Ion	Ratio	Lower	Upper
142	100		
127	48.1	38.5	57.7
141	14.1	11.6	17.4



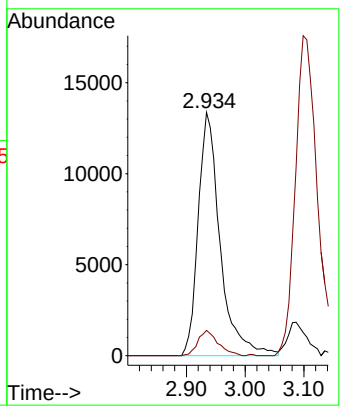


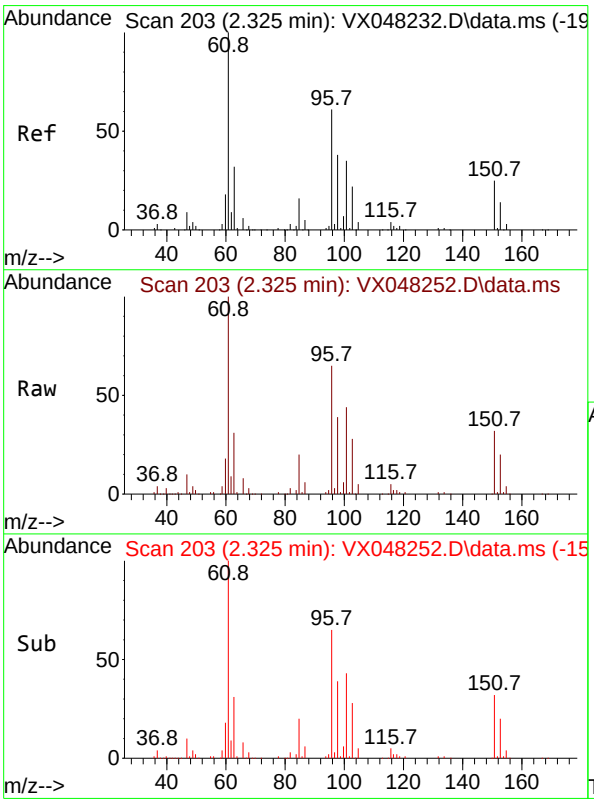
#11
Tert butyl alcohol
Concen: 172.886 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 34686

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4

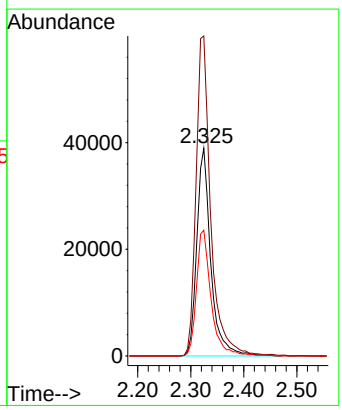


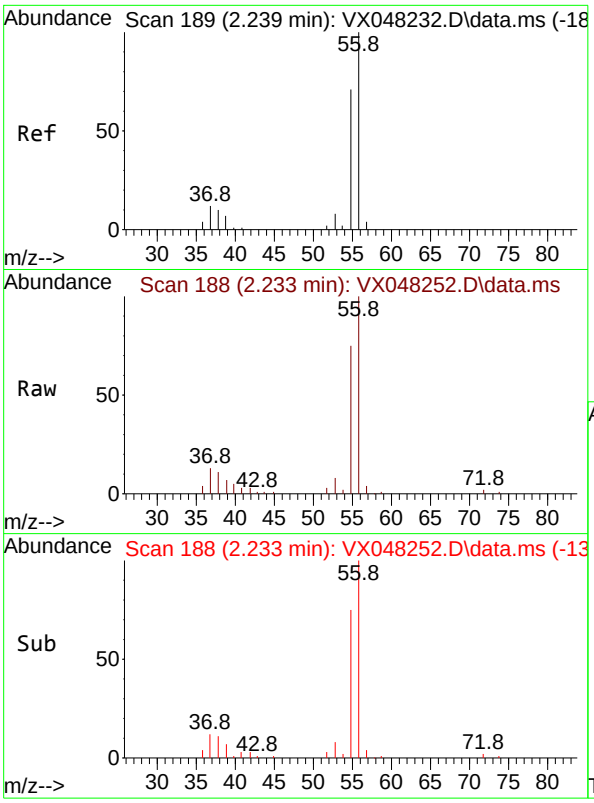


#12
1,1-Dichloroethene
Concen: 47.416 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 96 Resp: 71745

Ion	Ratio	Lower	Upper
96	100		
61	154.0	139.0	208.6
98	60.6	52.4	78.6



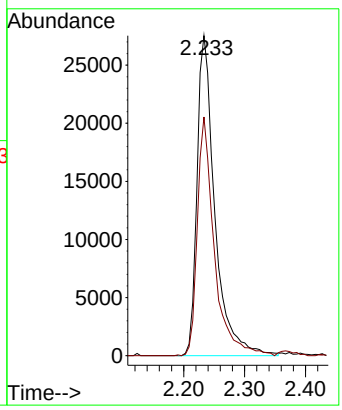


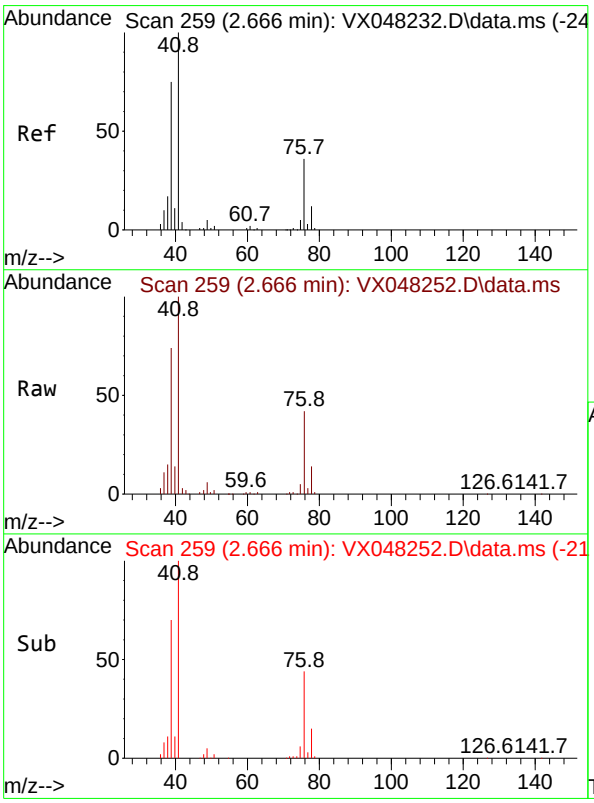
#13
Acrolein
Concen: 272.848 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 55830

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1

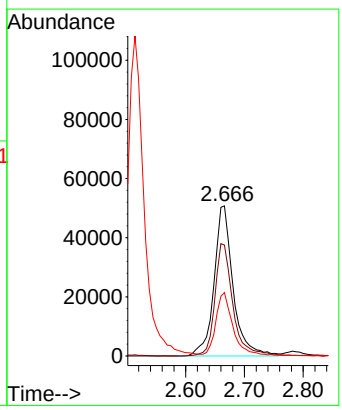


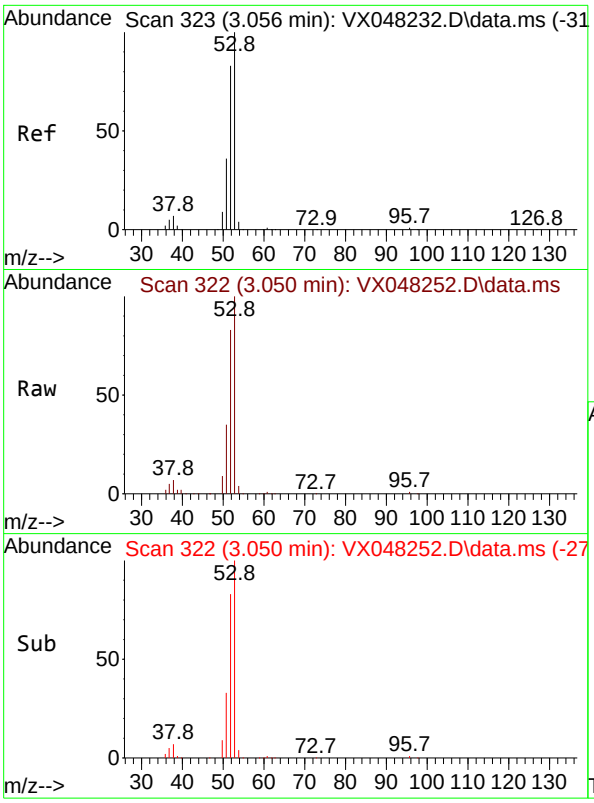


#14
Allyl chloride
Concen: 45.594 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 41 Resp: 114538

Ion	Ratio	Lower	Upper
41	100		
39	71.0	56.0	84.0
76	38.7	27.5	41.3



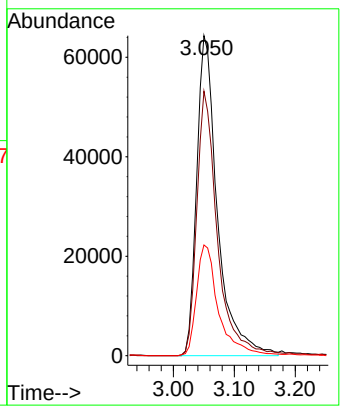


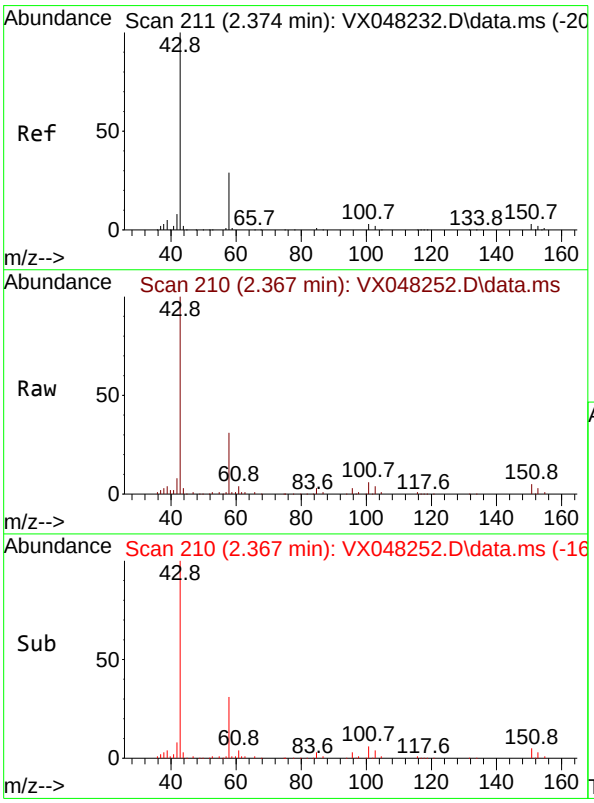
#15
Acrylonitrile
Concen: 211.101 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 152721

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.1	99.1
51	36.7	29.0	43.4

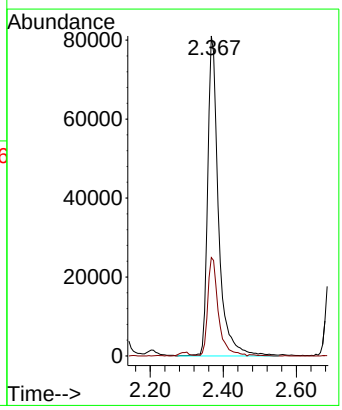


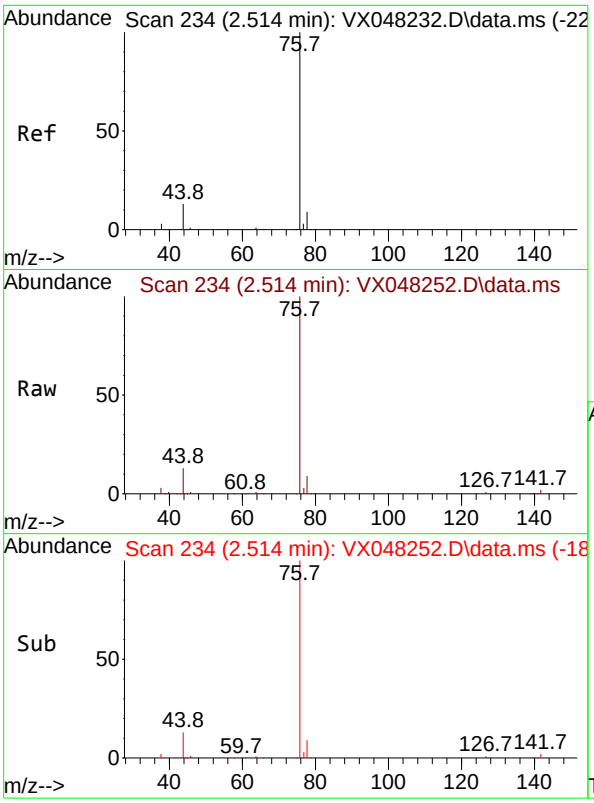


#16
Acetone
Concen: 239.598 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 166093

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.4	35.2



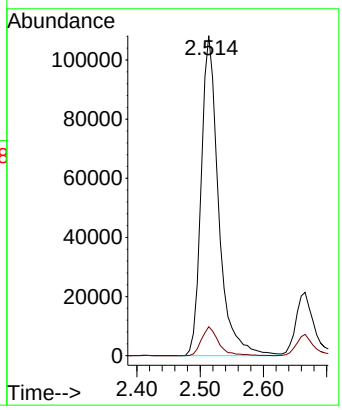


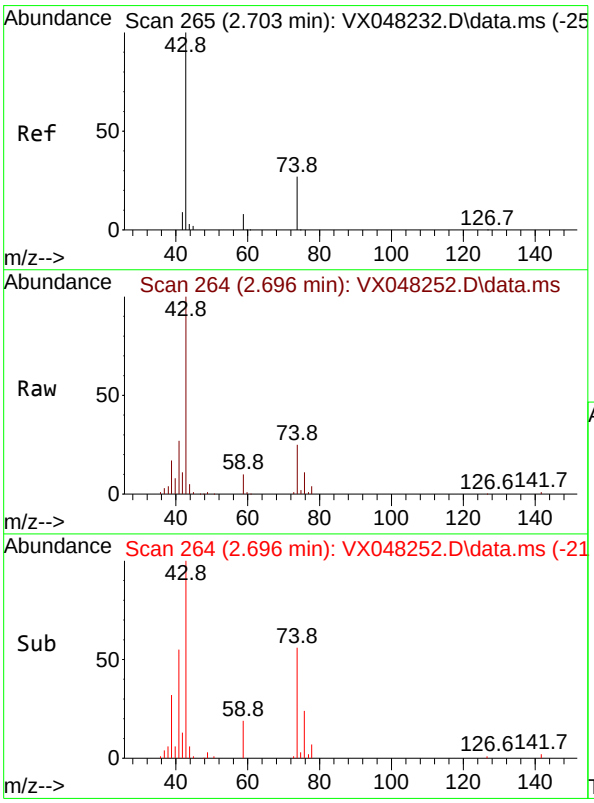
#17
Carbon Disulfide
Concen: 43.489 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 207386

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

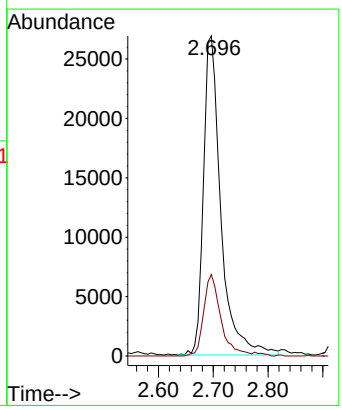


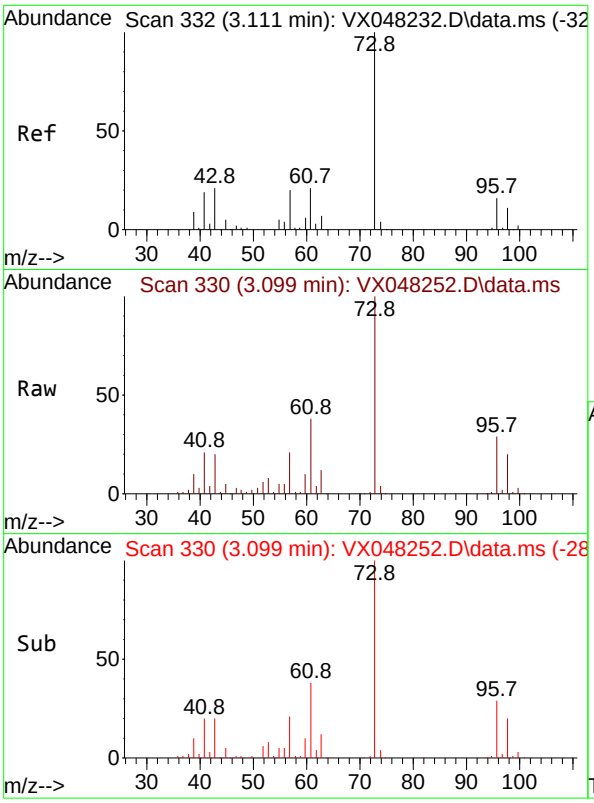


#18
Methyl Acetate
Concen: 40.924 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 59246

Ion	Ratio	Lower	Upper
43	100		
74	24.9	17.5	26.3



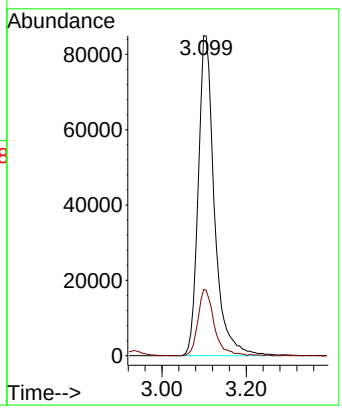


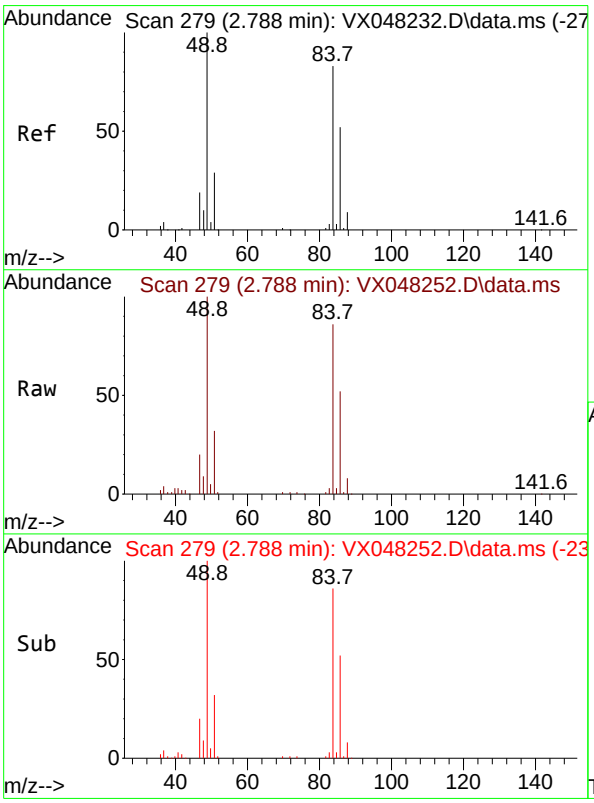
#19
Methyl tert-butyl Ether
Concen: 44.001 ug/l
RT: 3.099 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 227127

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.7	26.5

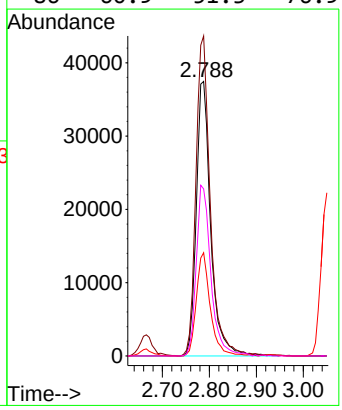


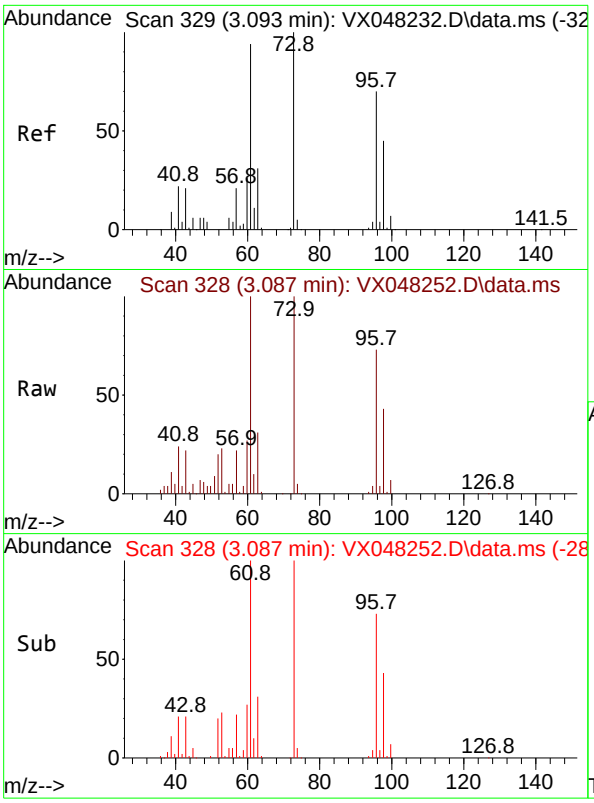


#20
Methylene Chloride
Concen: 47.460 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 84 Resp: 80164

Ion	Ratio	Lower	Upper
84	100		
49	116.6	104.1	156.1
51	37.6	31.3	46.9
86	60.9	51.3	76.9



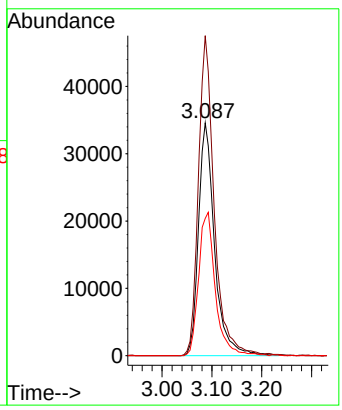


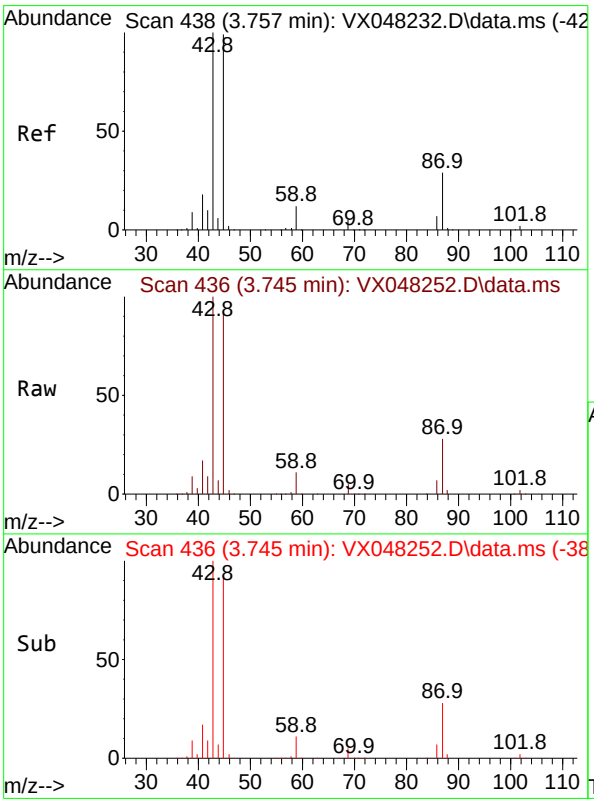
#21
trans-1,2-Dichloroethene
Concen: 46.681 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 77587

Ion	Ratio	Lower	Upper
96	100		
61	137.4	111.9	167.9
98	59.0	51.2	76.8

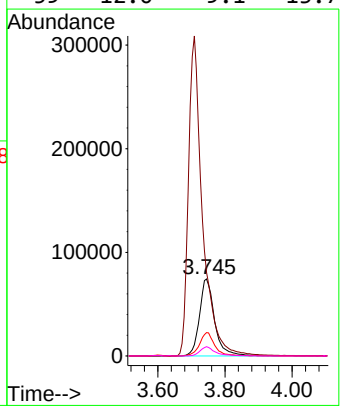


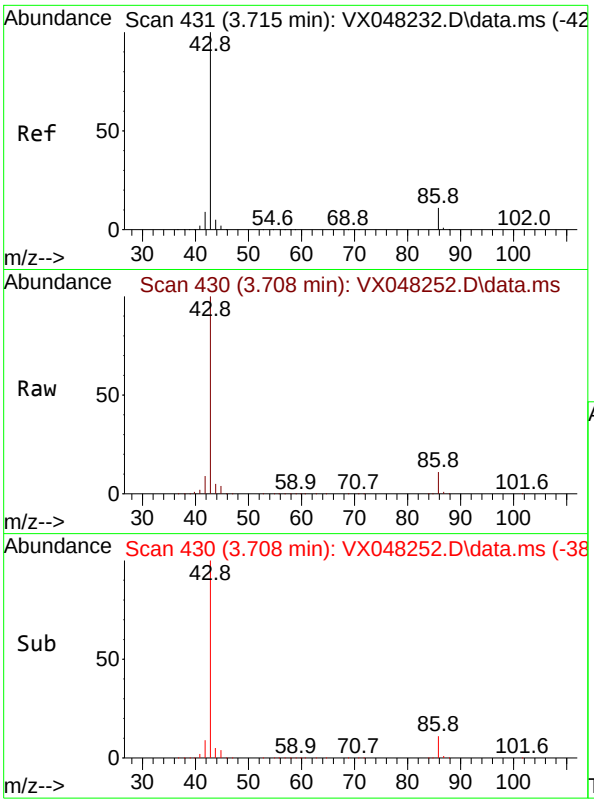


#22
Diisopropyl ether
Concen: 46.439 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 45 Resp: 232684

Ion	Ratio	Lower	Upper
45	100		
43	107.9	89.8	134.8
87	30.2	20.6	31.0
59	12.0	9.1	13.7



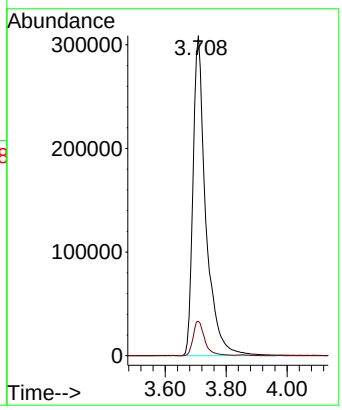


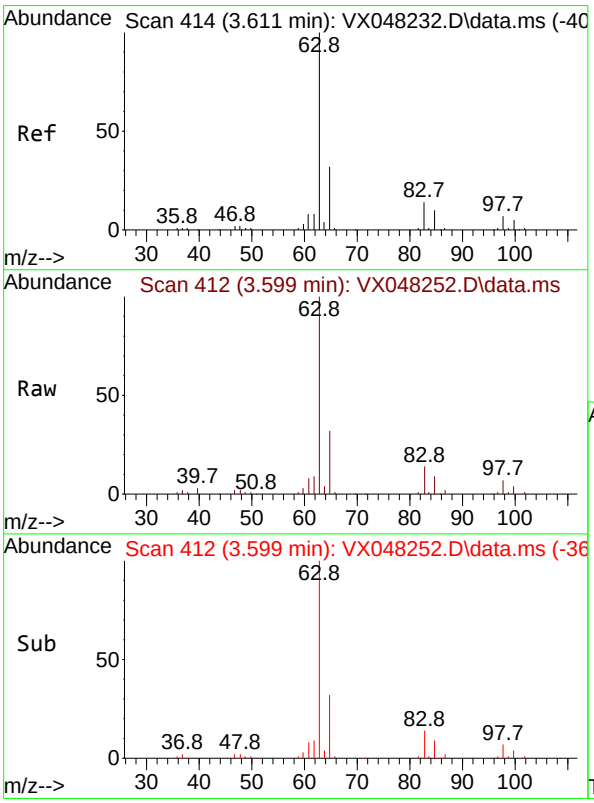
#23
Vinyl Acetate
Concen: 226.065 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 904806

Ion	Ratio	Lower	Upper
43	100		
86	10.7	7.9	11.9

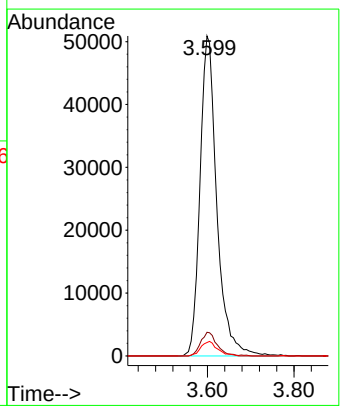


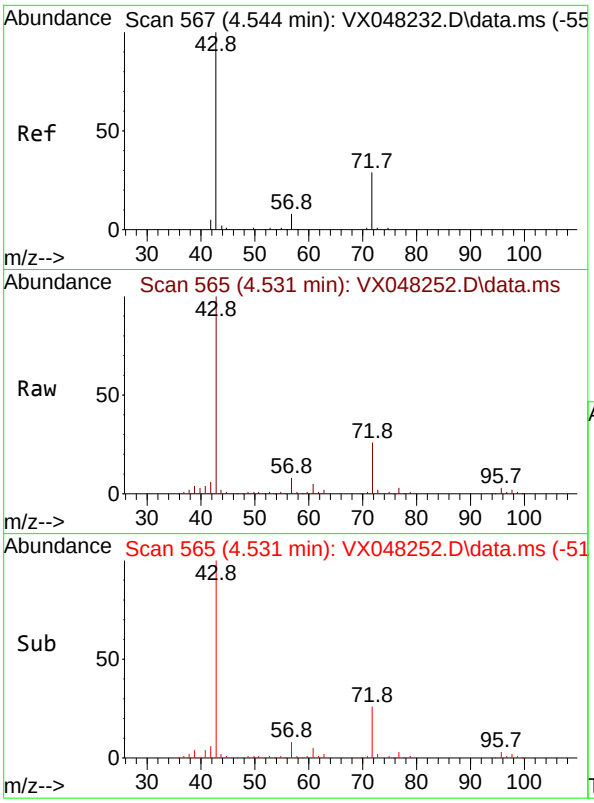


#24
1,1-Dichloroethane
Concen: 45.296 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 63 Resp: 137234

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.5	10.6
100	4.2	2.1	6.3



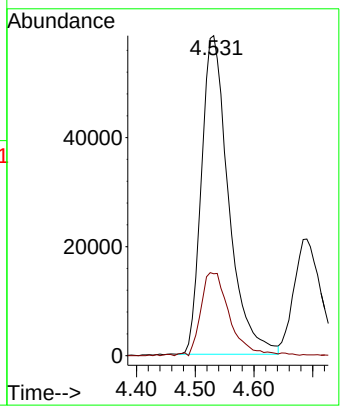


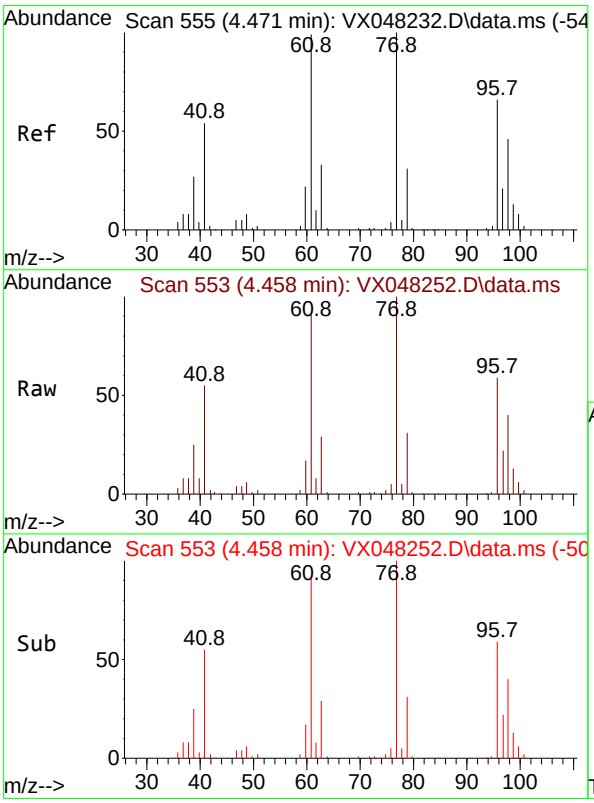
#25
2-Butanone
Concen: 213.793 ug/l
RT: 4.531 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 187588

Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.9	29.9

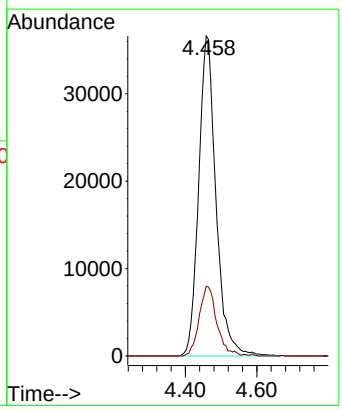


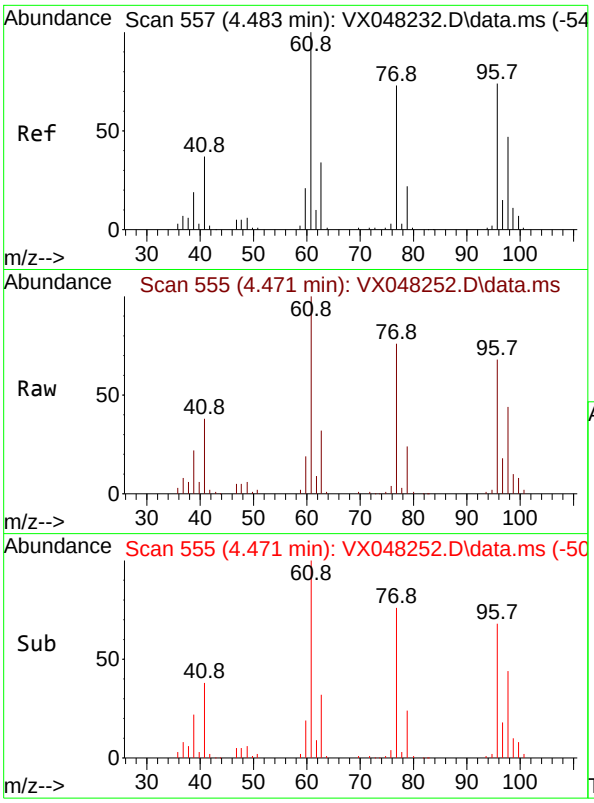


#26
2,2-Dichloropropane
Concen: 44.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 77 Resp: 122921

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.3



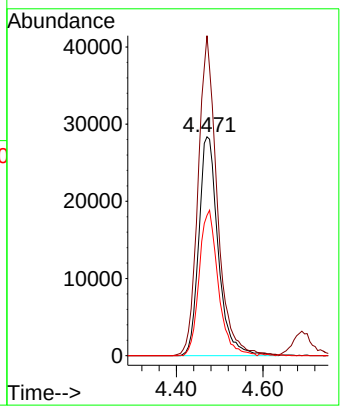


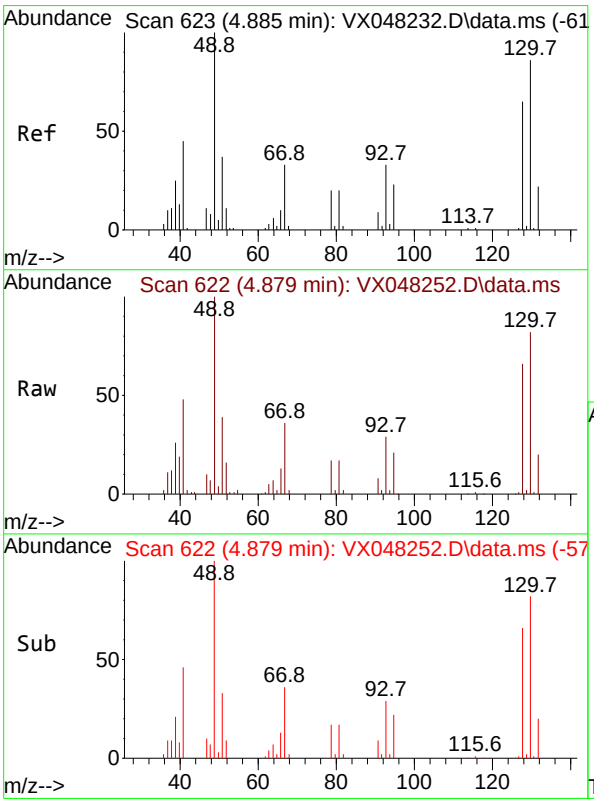
#27
cis-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 87886

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	294.2
98	65.5	0.0	128.4

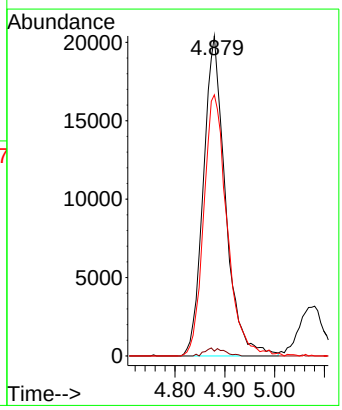


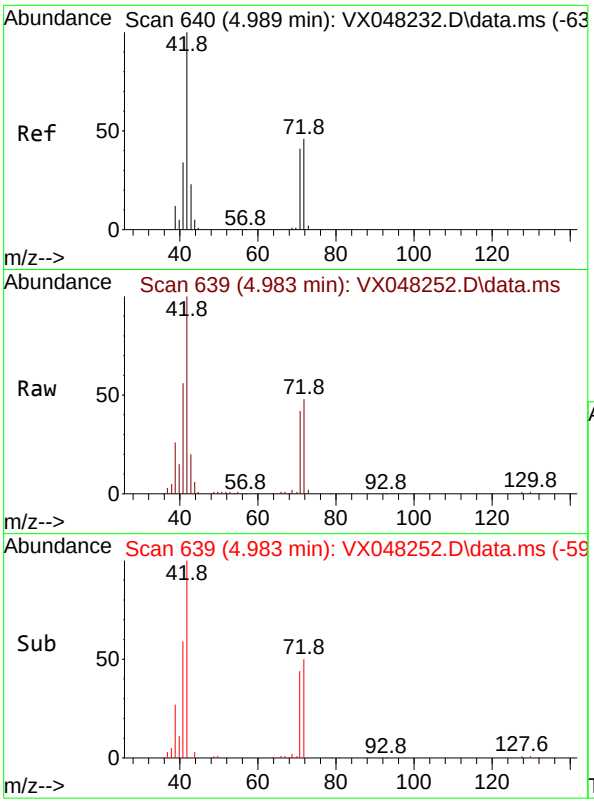


#28
Bromochloromethane
Concen: 49.917 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 49 Resp: 62707

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	86.4	59.3	88.9



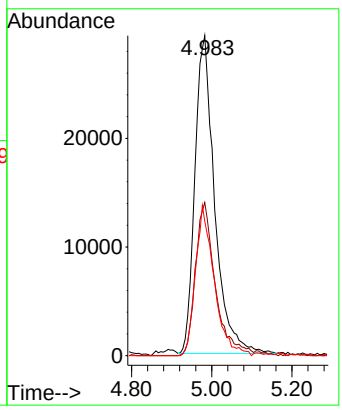


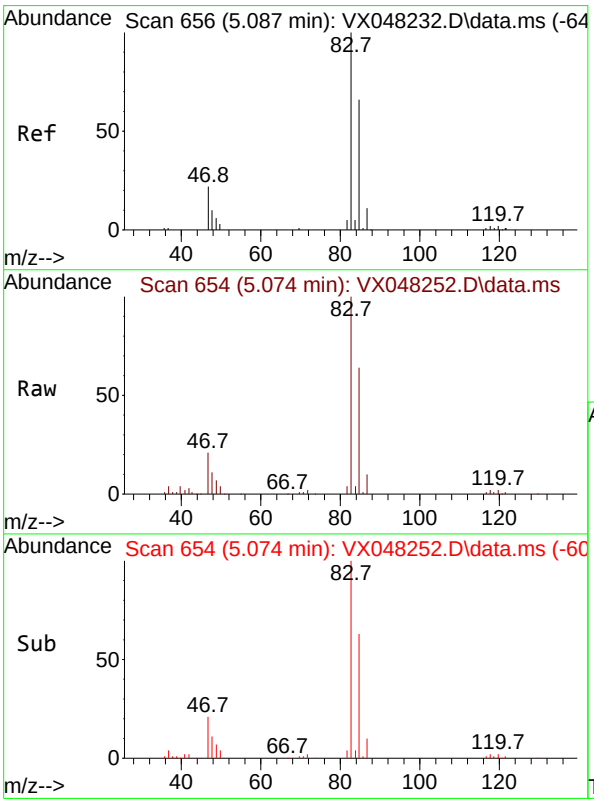
#29
Tetrahydrofuran
Concen: 190.379 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 100043

Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	44.9	32.2	48.4

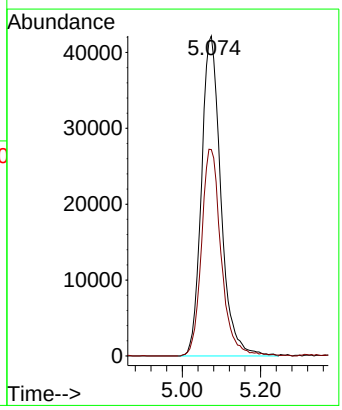


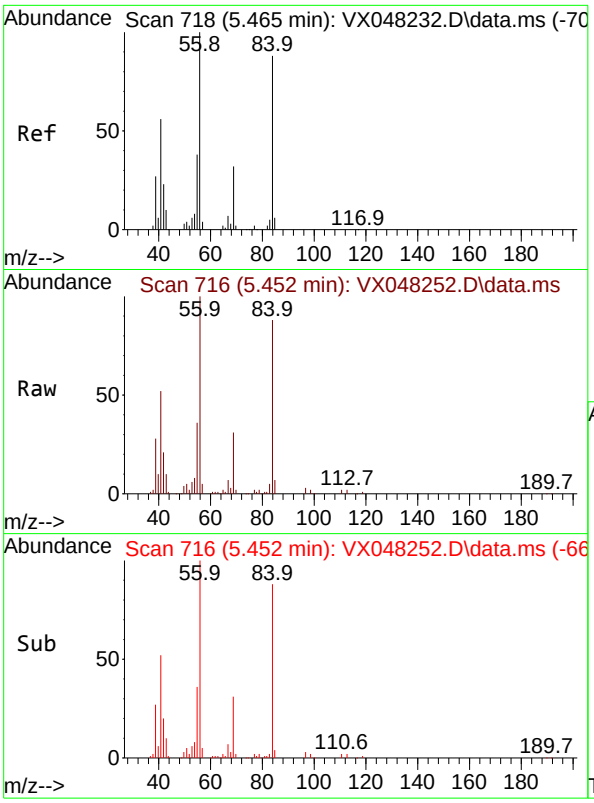


#30
Chloroform
Concen: 44.807 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 145033

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.1	75.1



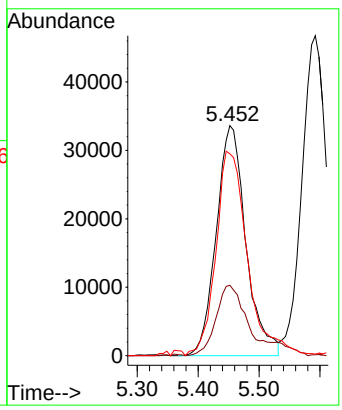


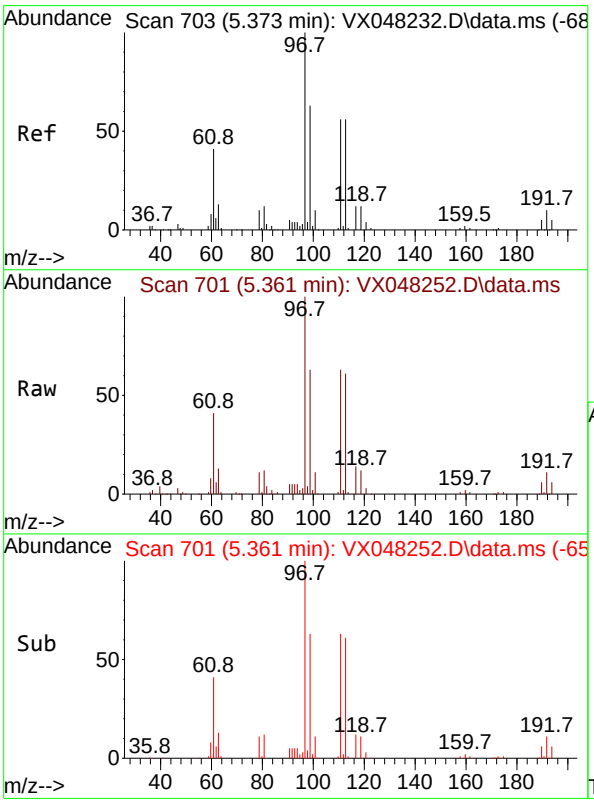
#31
Cyclohexane
Concen: 45.286 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 113590

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.0	34.6
84	85.6	64.6	97.0

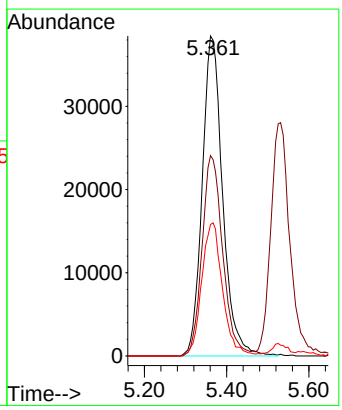


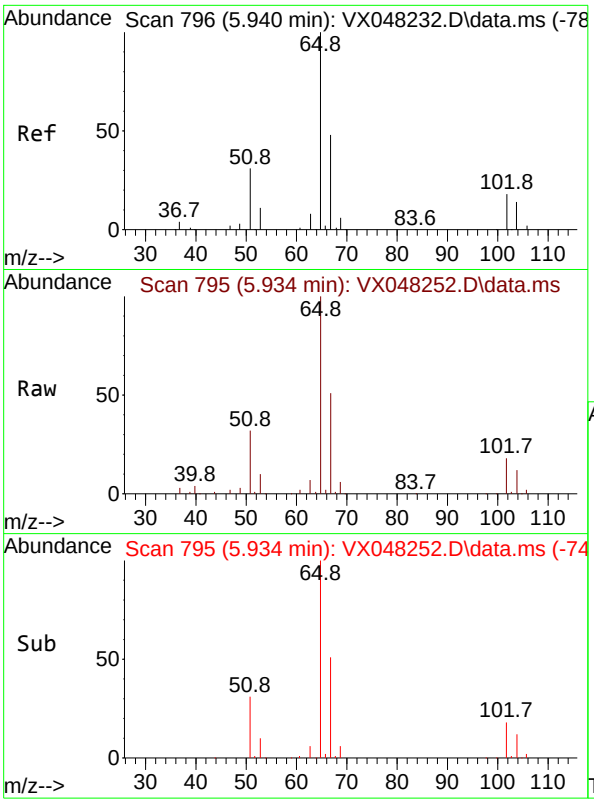


#32
1,1,1-Trichloroethane
Concen: 44.462 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 97 Resp: 132637

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	42.3	34.8	52.2



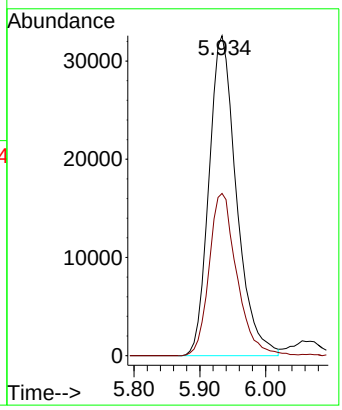


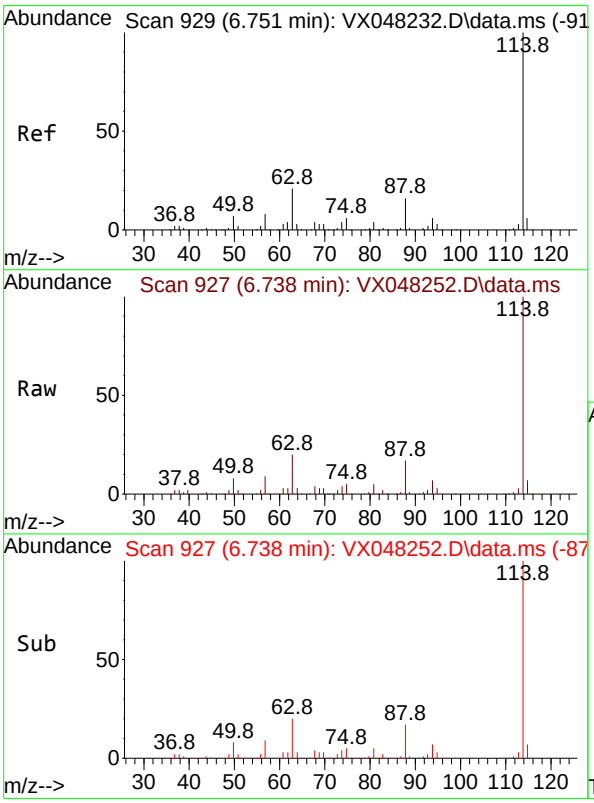
#33
1,2-Dichloroethane-d4
Concen: 46.938 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 94847

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.0

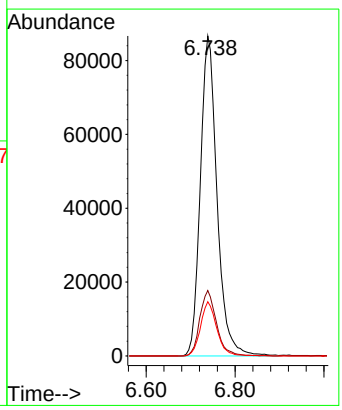


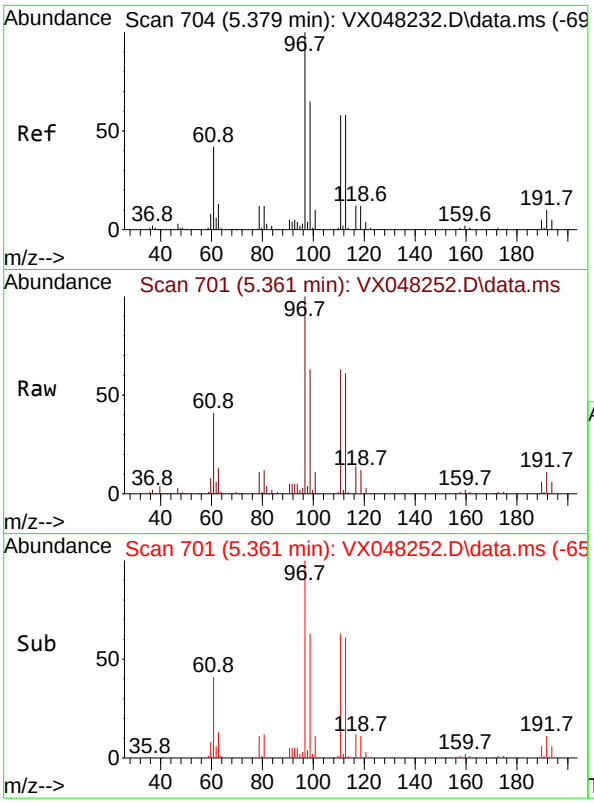


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:114 Resp: 227103

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.2
88	16.9	0.0	33.6



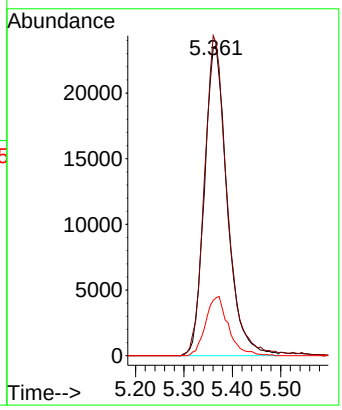


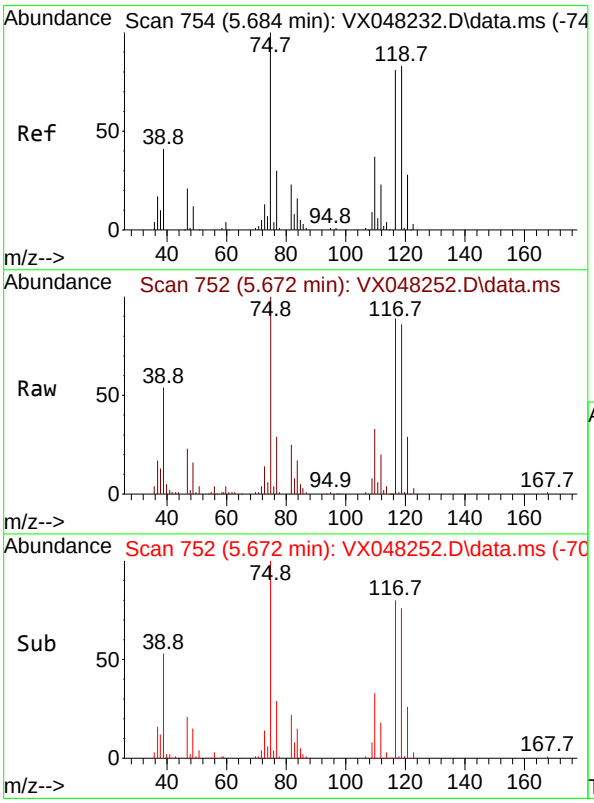
#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 5.361 min Scan# 7(
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 77279

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	19.1	15.1	22.7

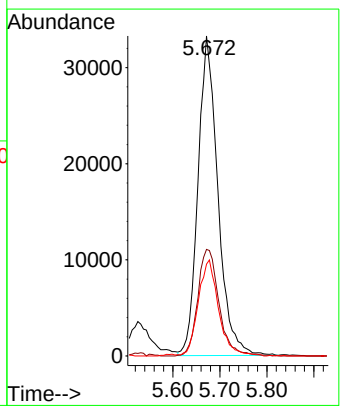


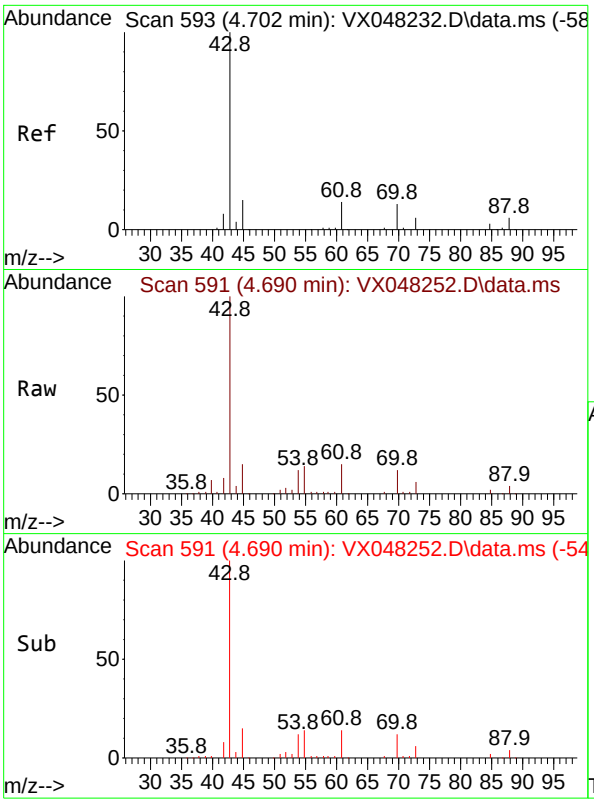


#36
1,1-Dichloropropene
Concen: 44.412 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 97868

Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.7	53.1
77	30.8	24.3	36.5



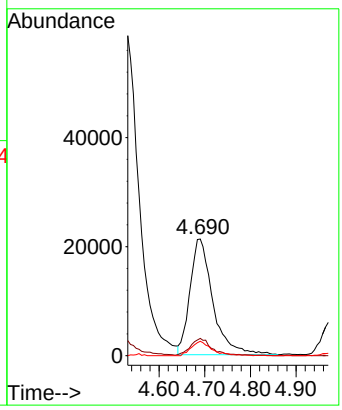


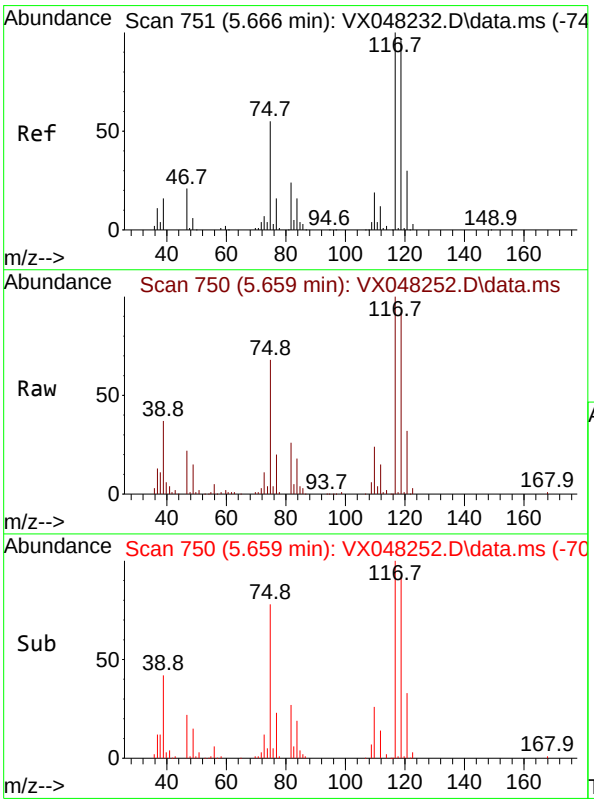
#37
Ethyl Acetate
Concen: 40.418 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73825

Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.1	7.8	11.6

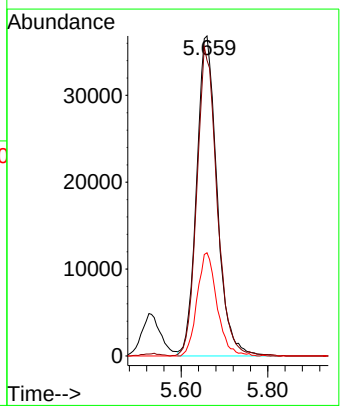


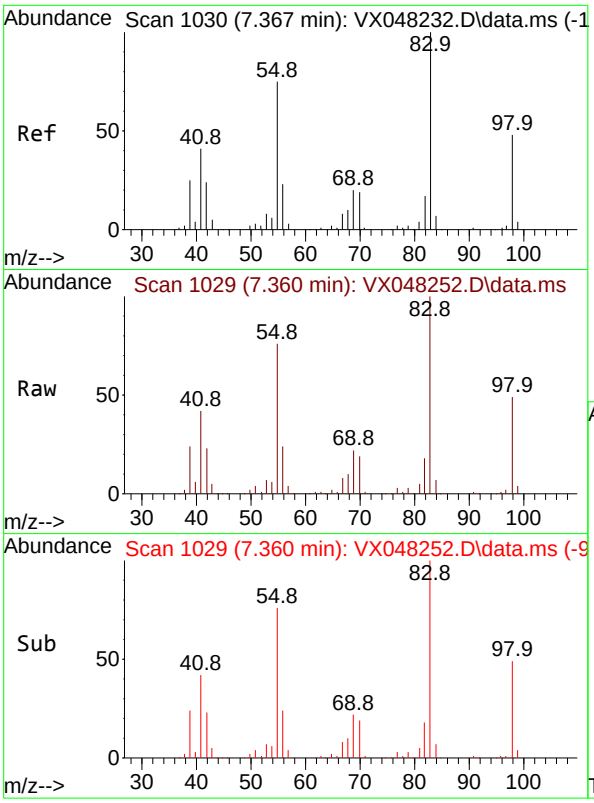


#38
Carbon Tetrachloride
Concen: 44.491 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:117 Resp: 120960

Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.2	115.8
121	32.2	24.8	37.2



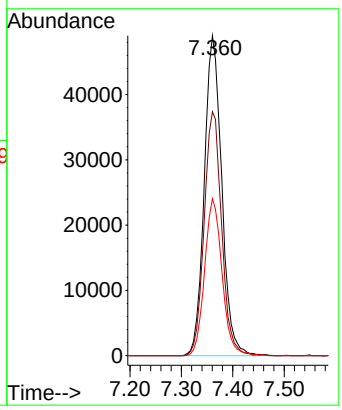


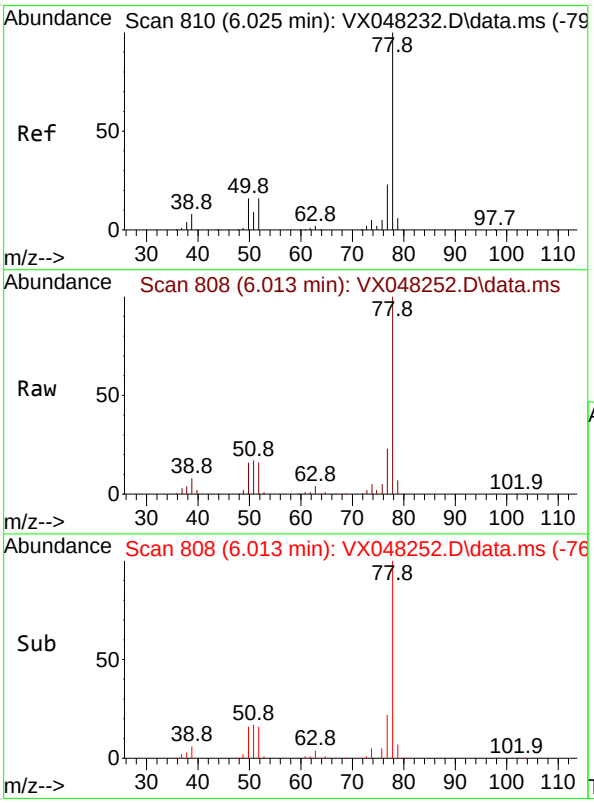
#39
Methylcyclohexane
Concen: 44.497 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 115804

Ion	Ratio	Lower	Upper
83	100		
55	76.3	66.2	99.2
98	49.1	38.9	58.3

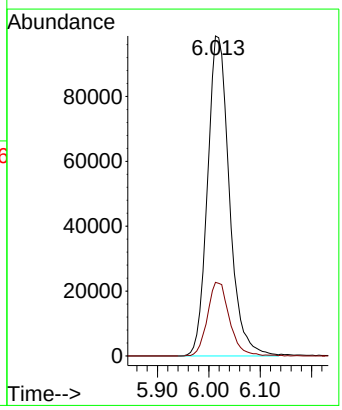


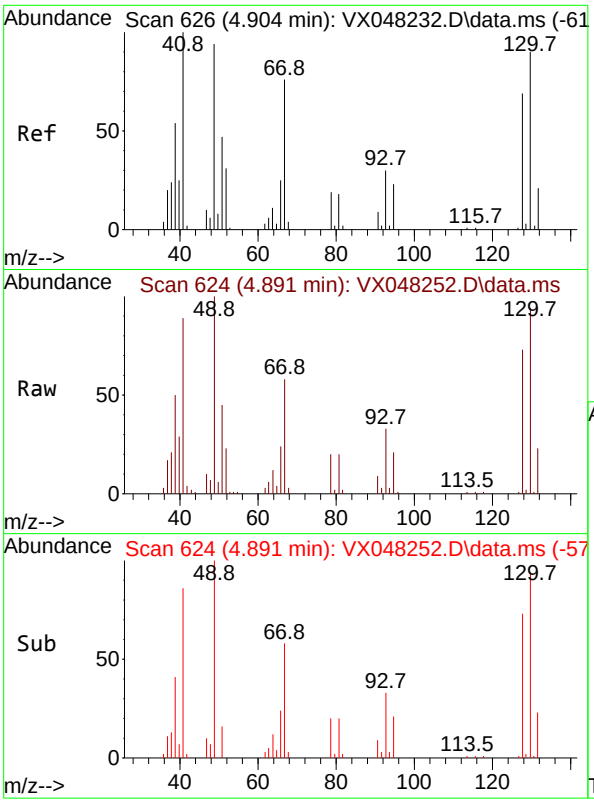


#40
Benzene
Concen: 45.424 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 78 Resp: 290616

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9



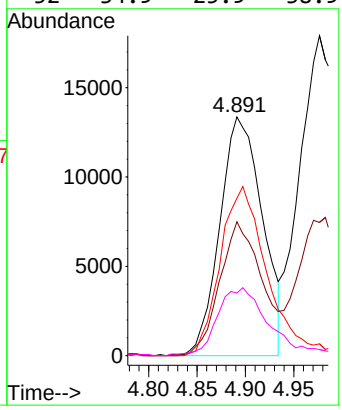


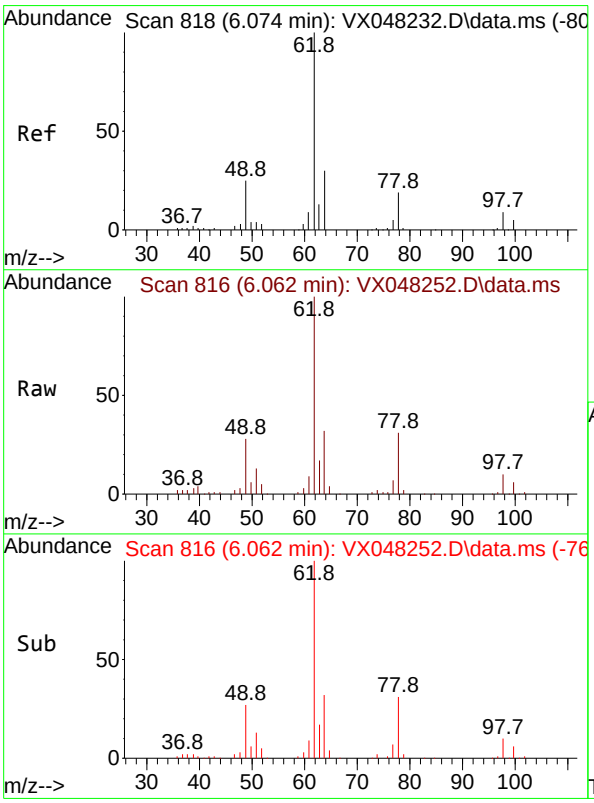
#41
Methacrylonitrile
Concen: 42.707 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 40965

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	78.2	58.7	88.1
52	34.9	25.9	38.9

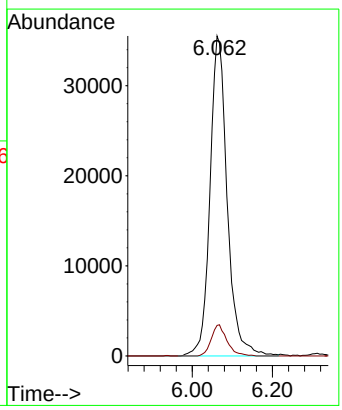


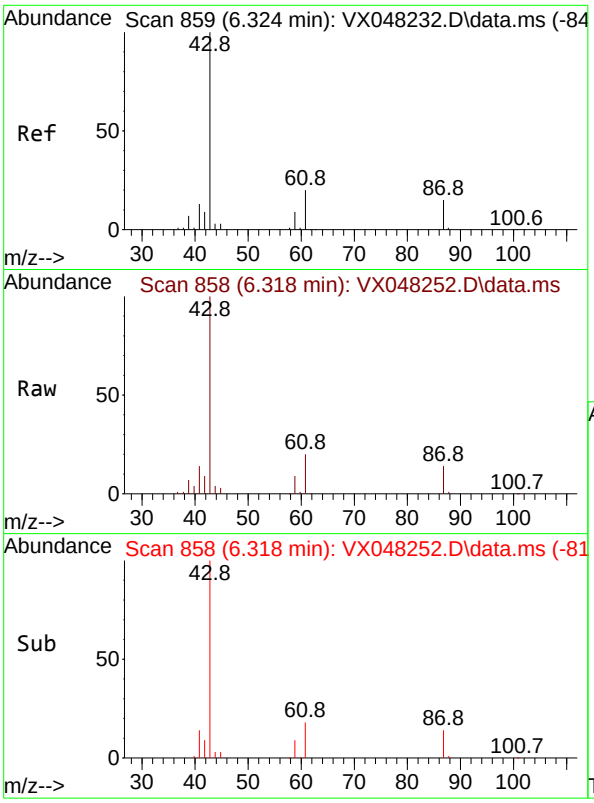


#42
1,2-Dichloroethane
Concen: 44.791 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 62 Resp: 105747

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



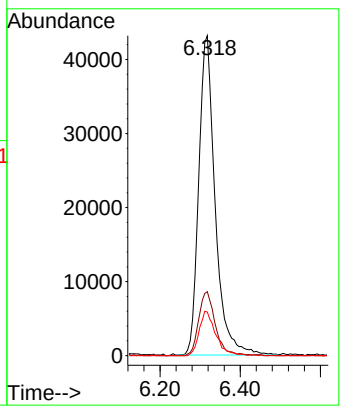


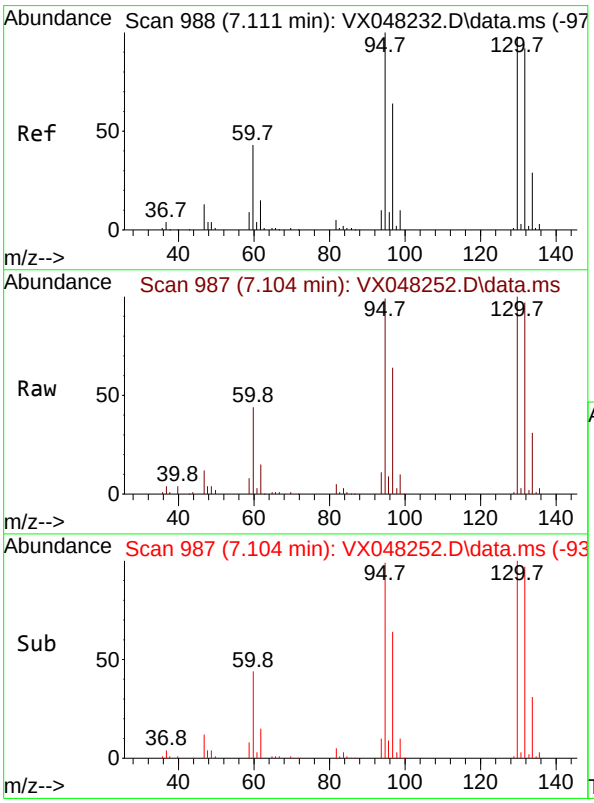
#43
Isopropyl Acetate
Concen: 40.859 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 122589

Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.9	22.3
87	14.0	9.4	14.2

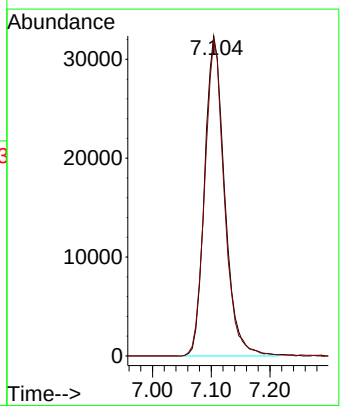


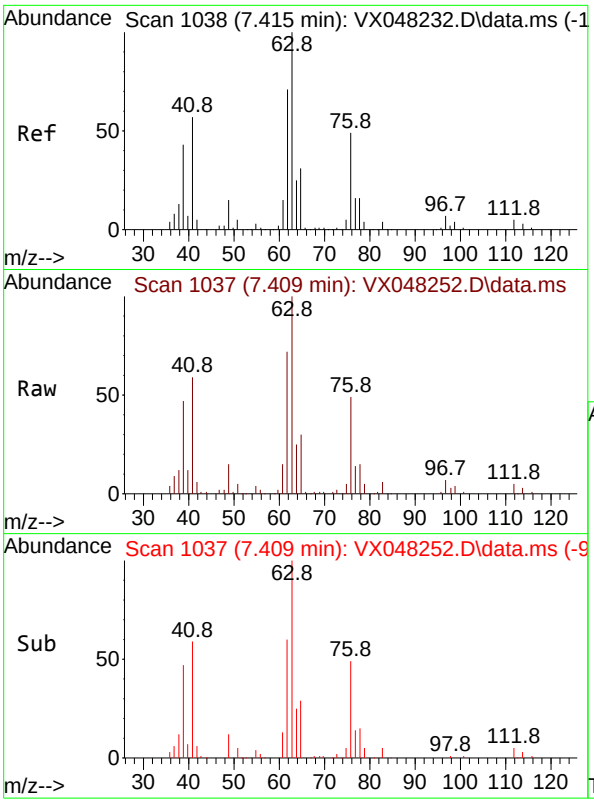


#44
Trichloroethene
Concen: 45.286 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:130 Resp: 76506

Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	200.6



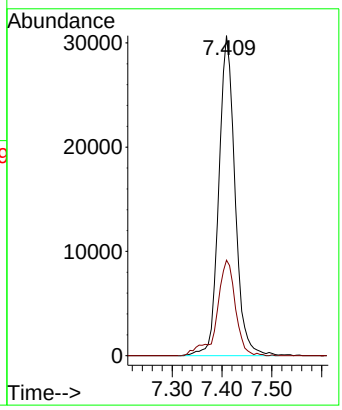


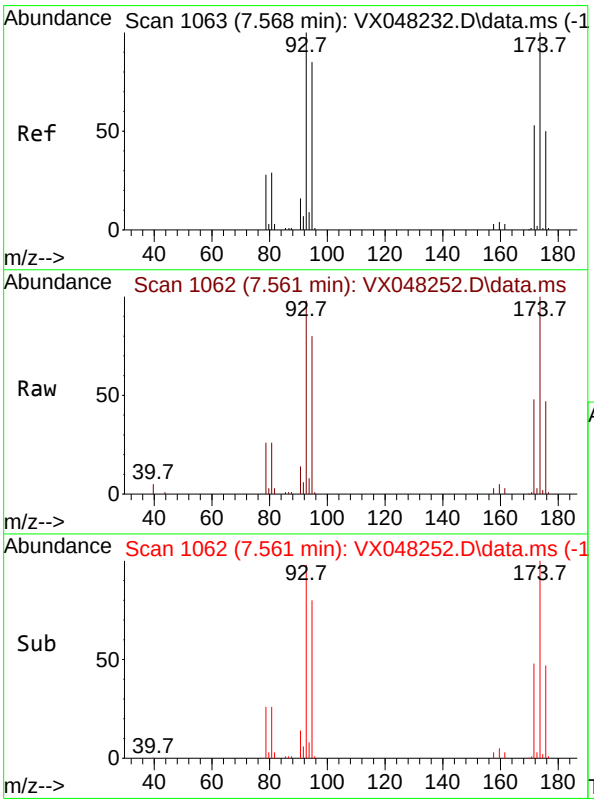
#45
1,2-Dichloropropane
Concen: 45.586 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 69342

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.1	36.1

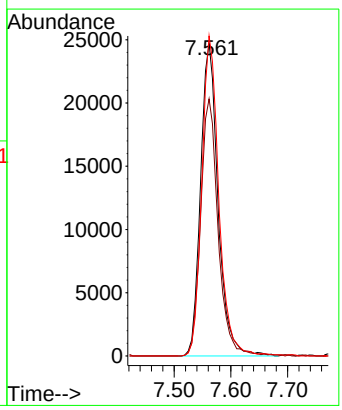


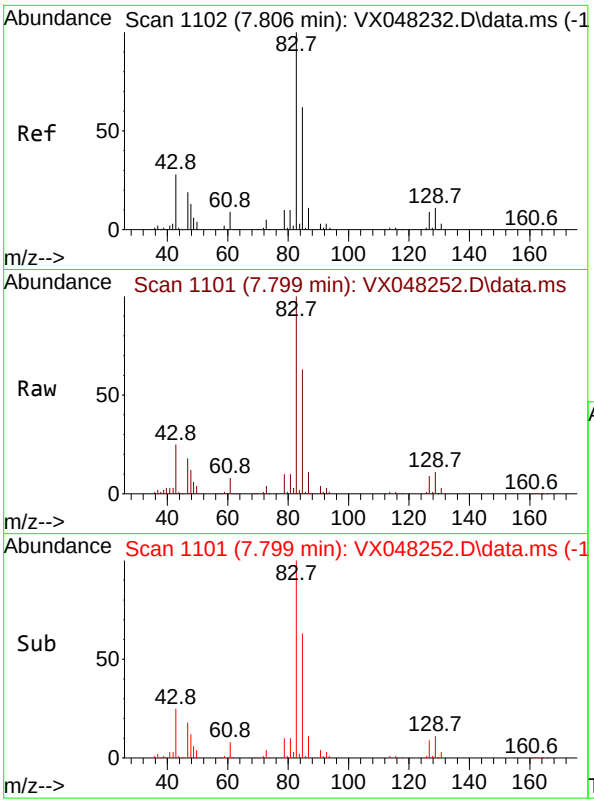


#46
Dibromomethane
Concen: 44.649 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 93 Resp: 52913

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.9	98.9
174	100.1	71.7	107.5



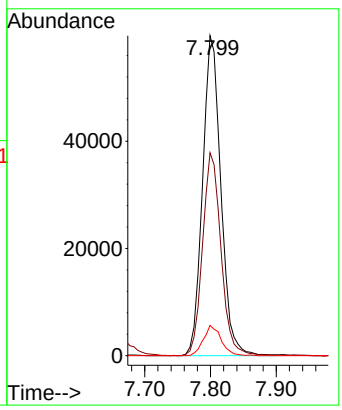


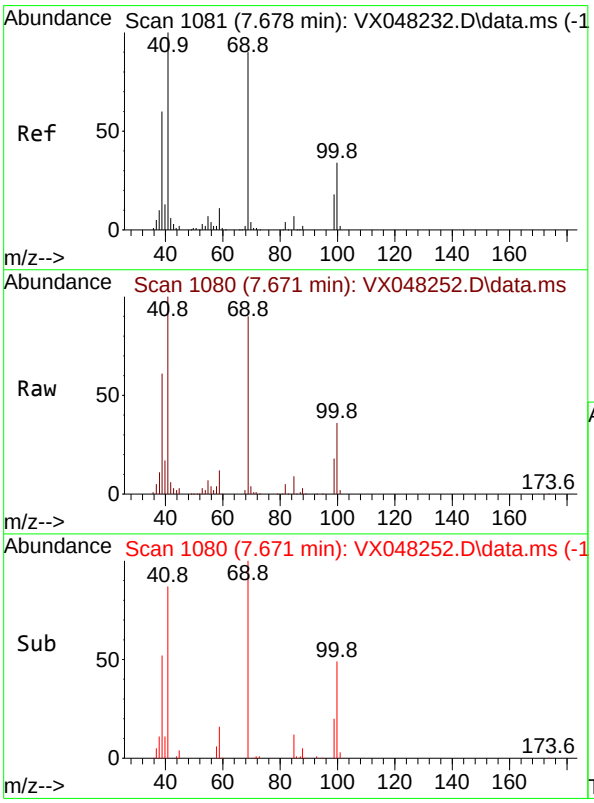
#47
Bromodichloromethane
Concen: 45.265 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 115823

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	9.4	7.3	10.9

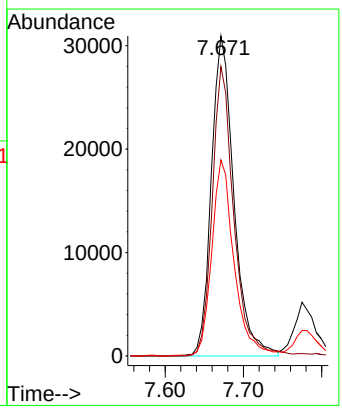


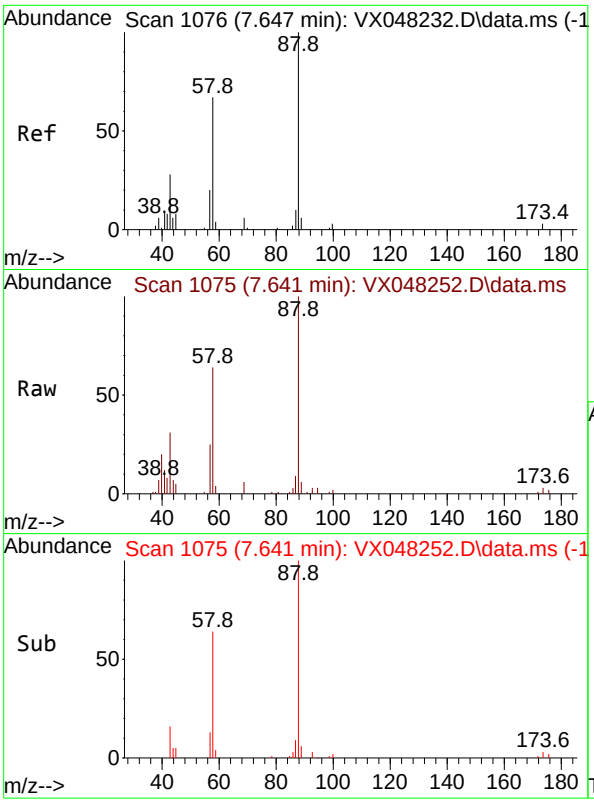


#48
Methyl methacrylate
Concen: 41.000 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 41 Resp: 62073

Ion	Ratio	Lower	Upper
41	100		
69	86.3	63.4	95.0
39	60.7	47.1	70.7



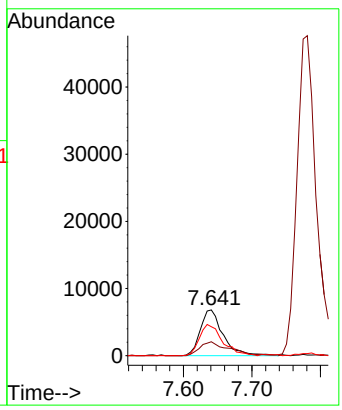


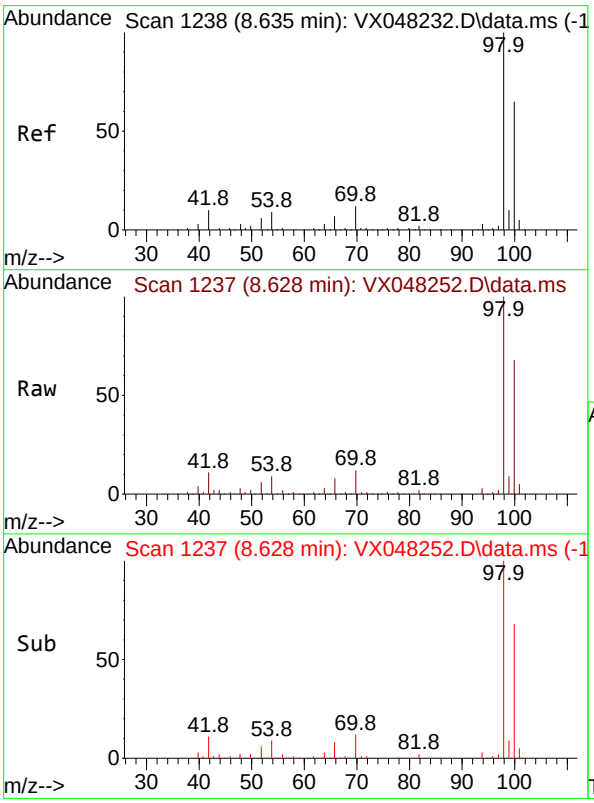
#49
1,4-Dioxane
Concen: 782.834 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 15658

Ion	Ratio	Lower	Upper
88	100		
43	39.9	35.0	52.4
58	69.5	61.9	92.9

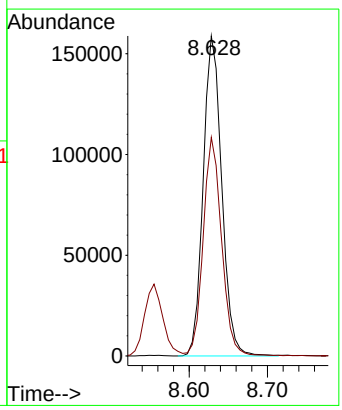


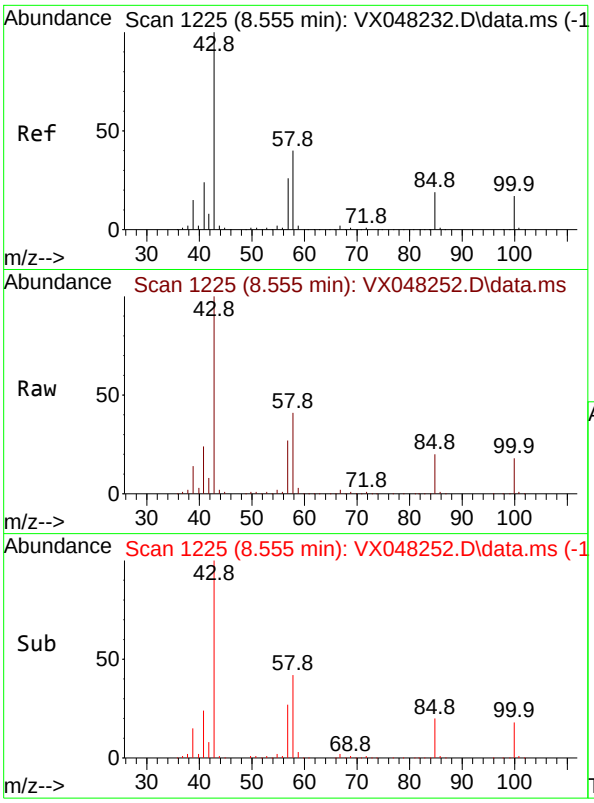


#50
Toluene-d8
Concen: 48.070 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 98 Resp: 261228

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4



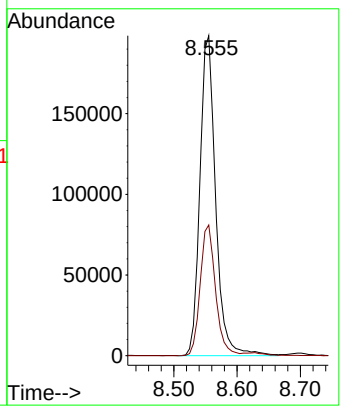


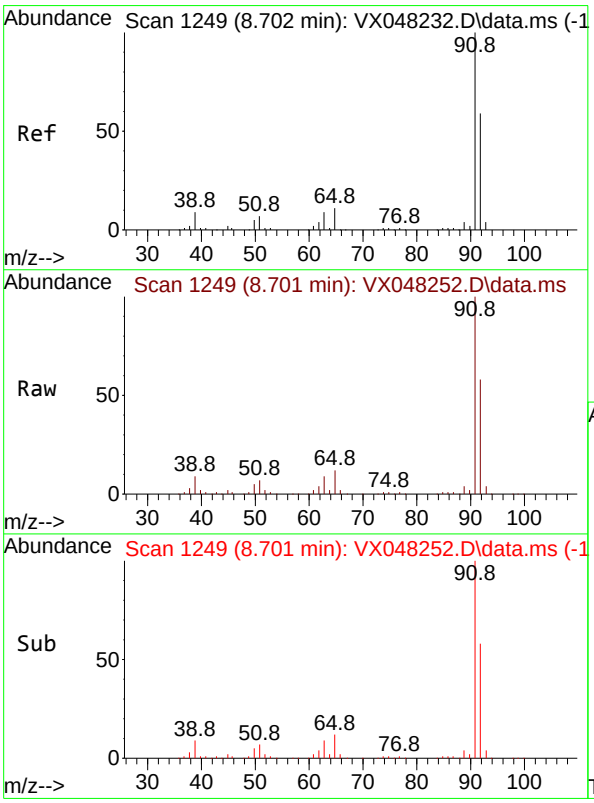
#51
4-Methyl-2-Pentanone
Concen: 198.518 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 343412

Ion	Ratio	Lower	Upper
43	100		
58	39.7	29.5	44.3

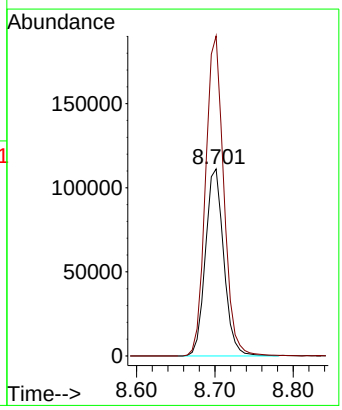


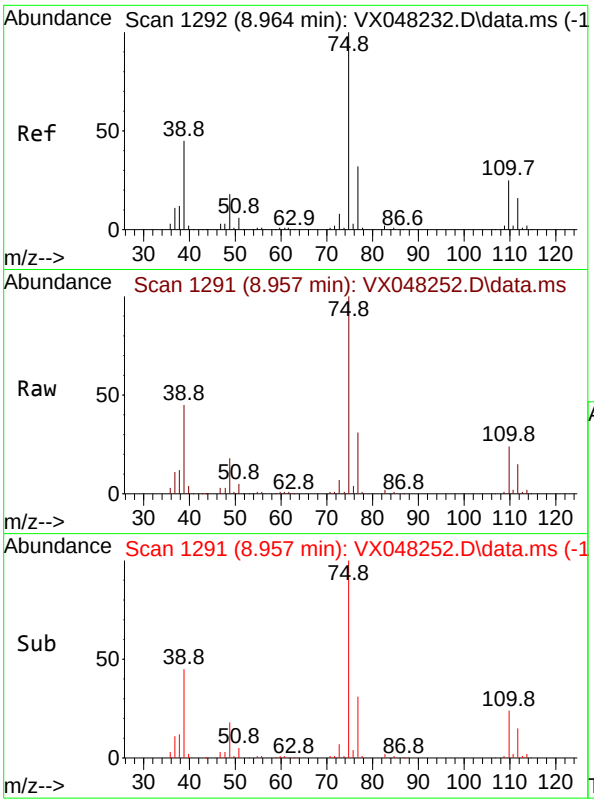


#52
Toluene
Concen: 44.443 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 92 Resp: 180638

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.1	204.1



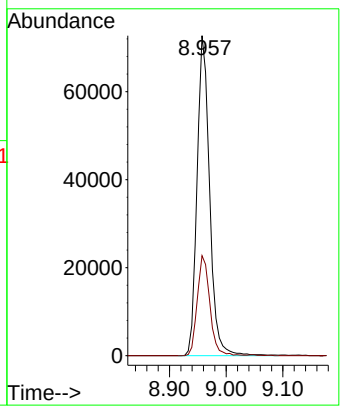


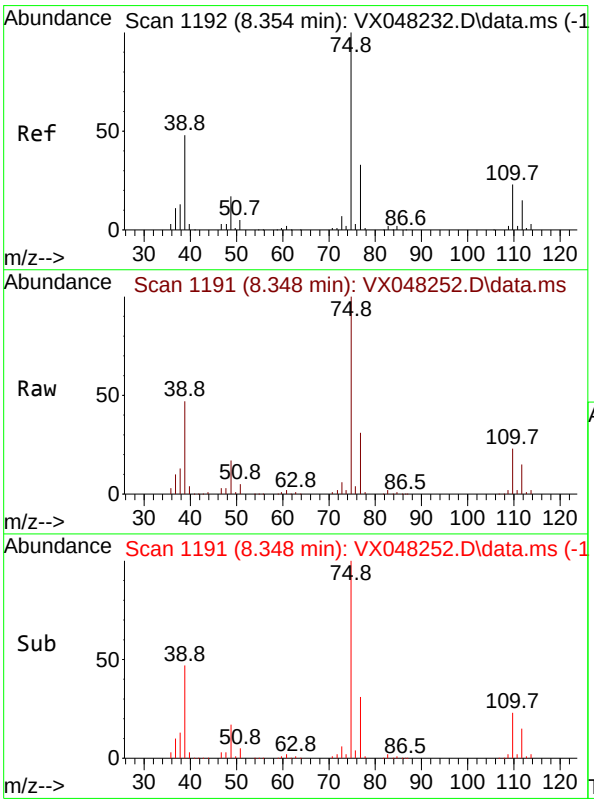
#53
t-1,3-Dichloropropene
Concen: 45.367 ug/l
RT: 8.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 111868

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

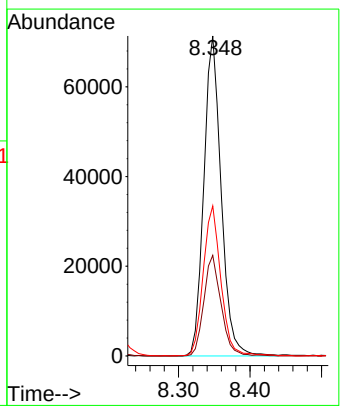


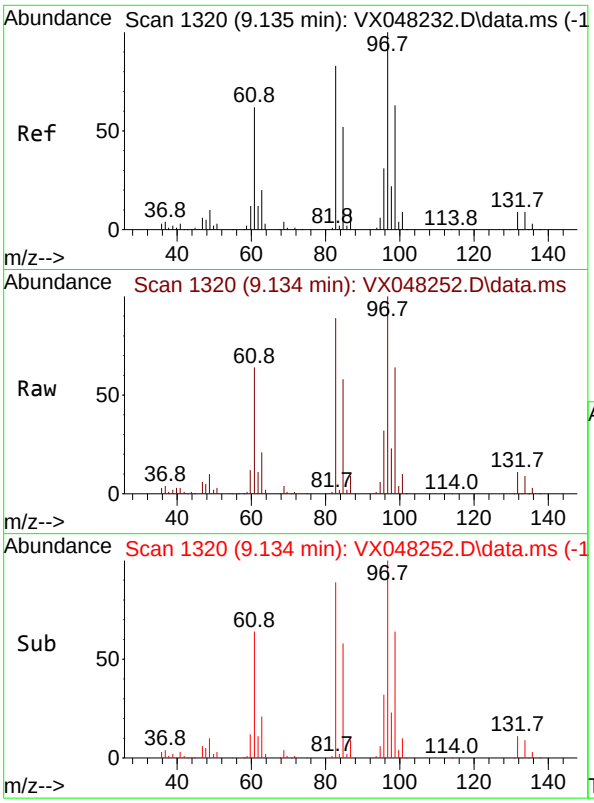


#54
cis-1,3-Dichloropropene
Concen: 45.199 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 120247

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3
39	46.8	42.6	64.0



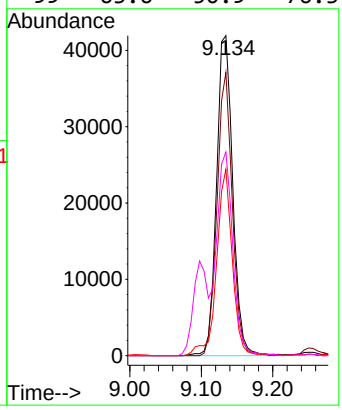


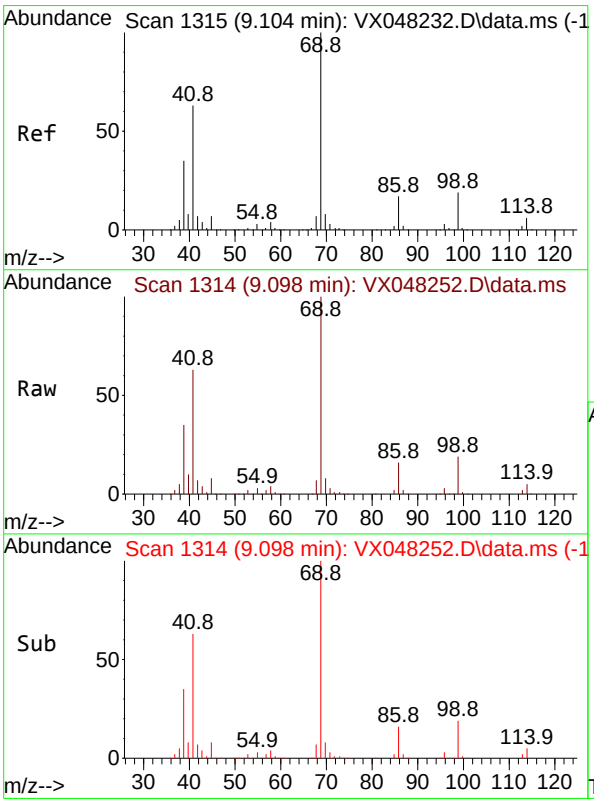
#55
1,1,2-Trichloroethane
Concen: 43.758 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 66141

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	105.8
85	58.3	45.0	67.6
99	63.6	50.9	76.3

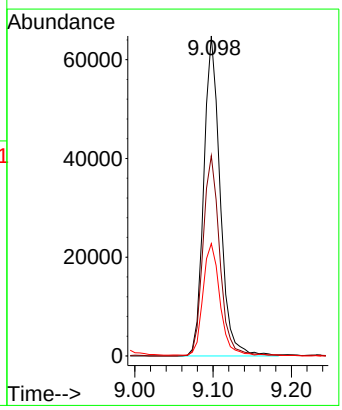


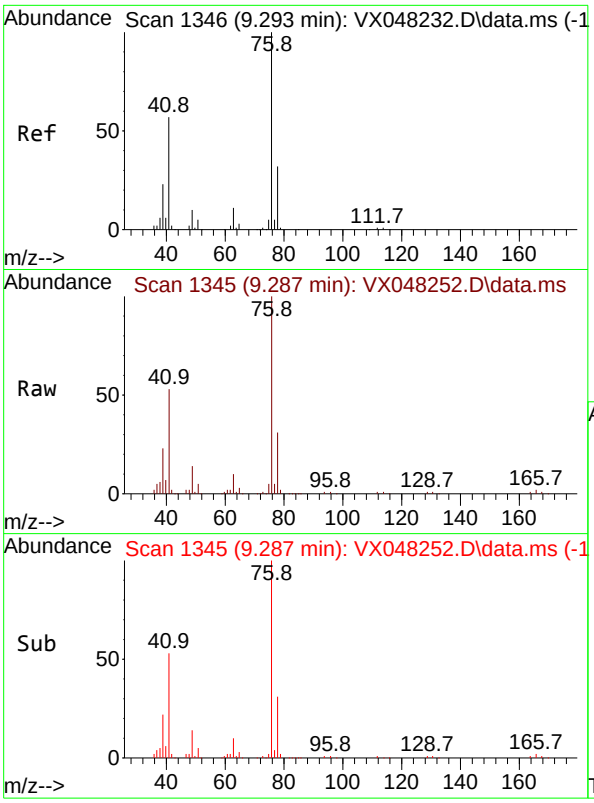


#56
Ethyl methacrylate
Concen: 42.533 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 69 Resp: 94033

Ion	Ratio	Lower	Upper
69	100		
41	64.2	56.0	84.0
39	37.2	31.6	47.4



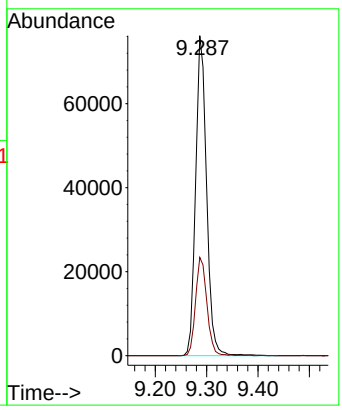


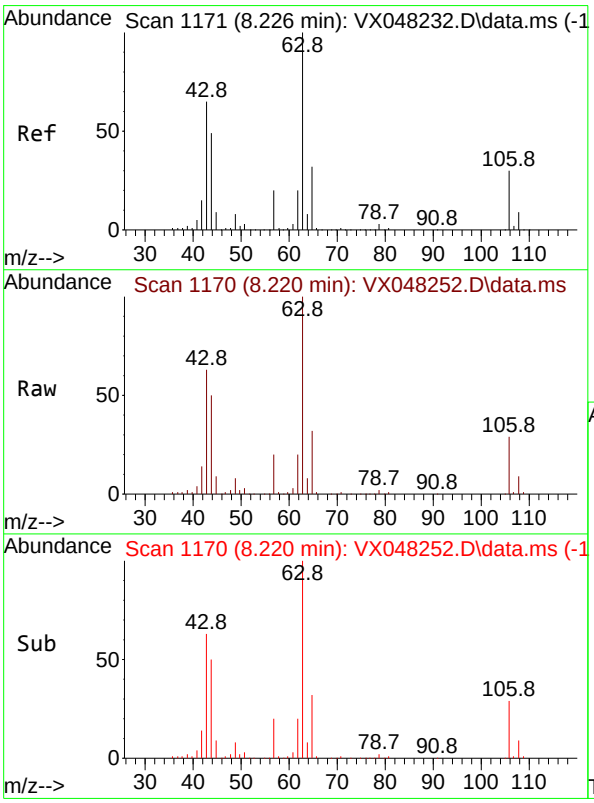
#57
1,3-Dichloropropane
Concen: 43.726 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 112894

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.4	38.0

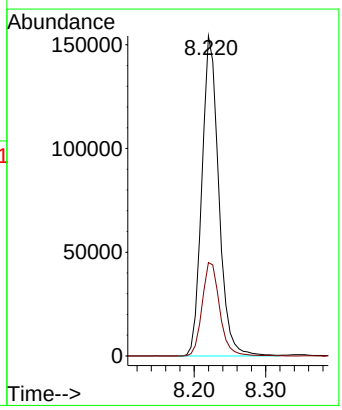


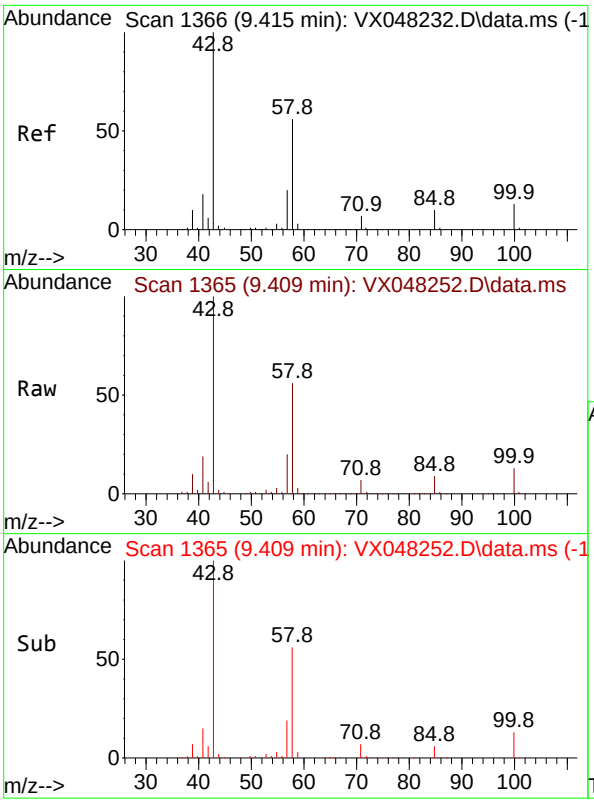


#58
2-Chloroethyl Vinyl ether
Concen: 213.469 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 63 Resp: 253467

Ion	Ratio	Lower	Upper
63	100		
106	30.3	22.2	33.2



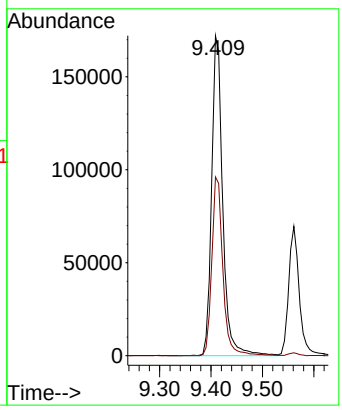


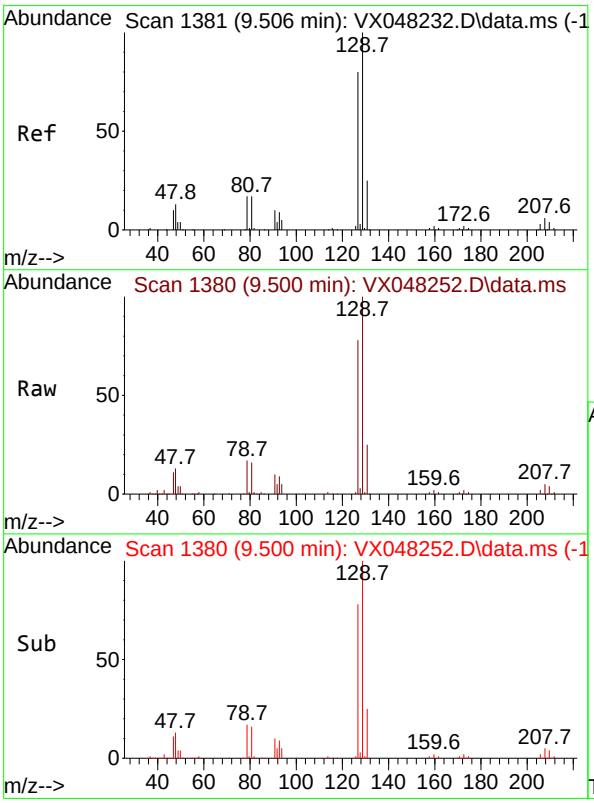
#59
2-Hexanone
Concen: 213.881 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 257988

Ion	Ratio	Lower	Upper
43	100		
58	55.8	26.3	78.8

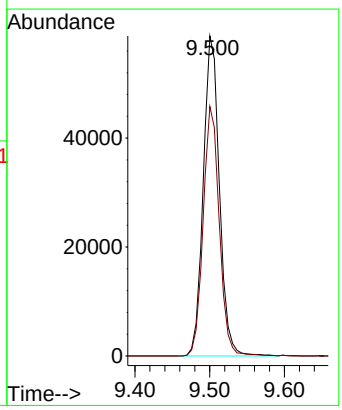


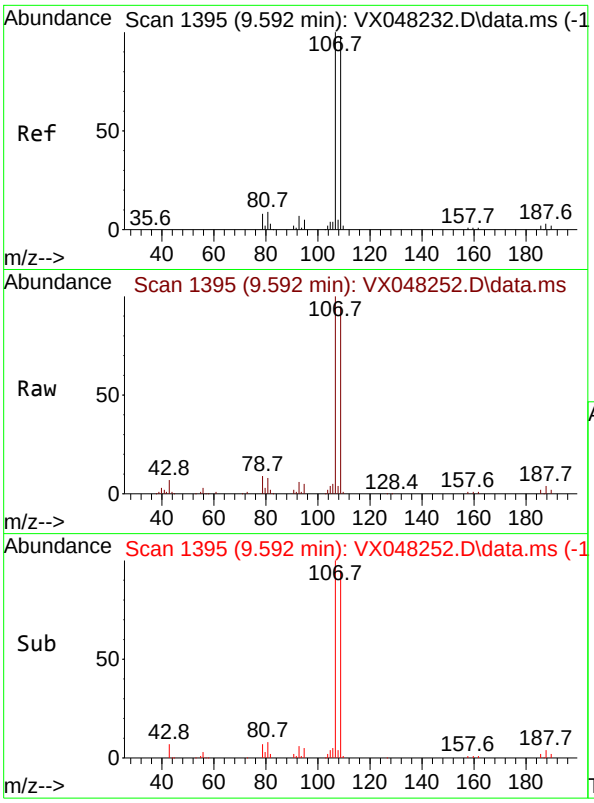


#60
Dibromochloromethane
Concen: 43.319 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:129 Resp: 88005

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.6	115.7



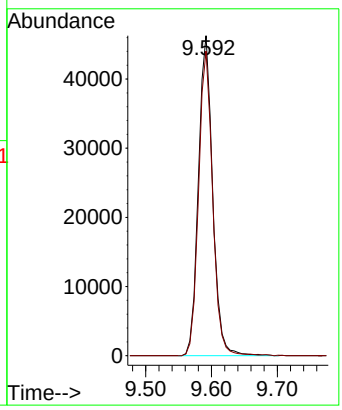


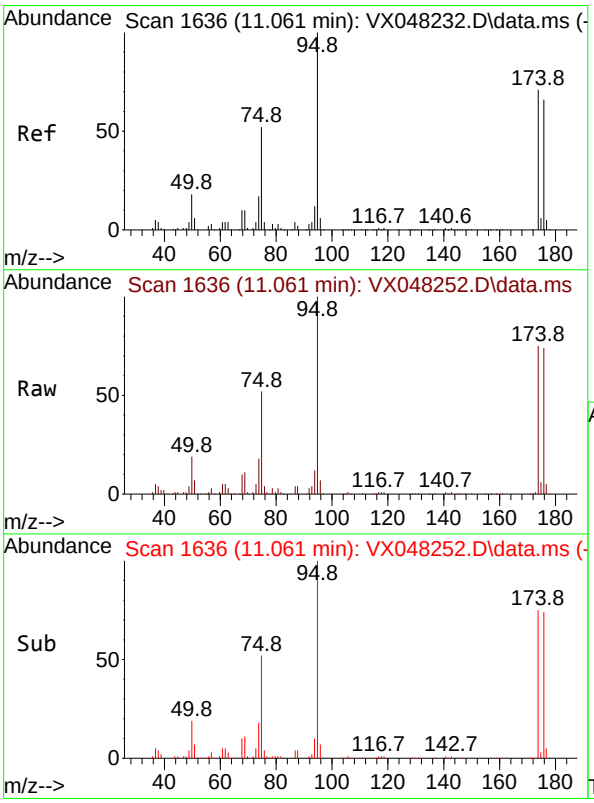
#61
1,2-Dibromoethane
Concen: 43.228 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 69657

Ion	Ratio	Lower	Upper
107	100		
109	94.0	77.0	115.4

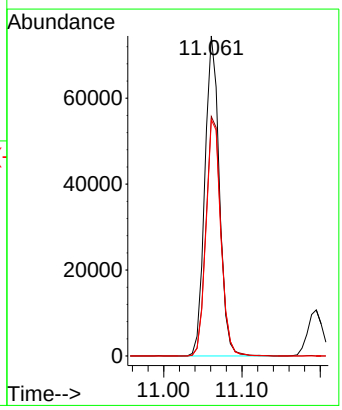


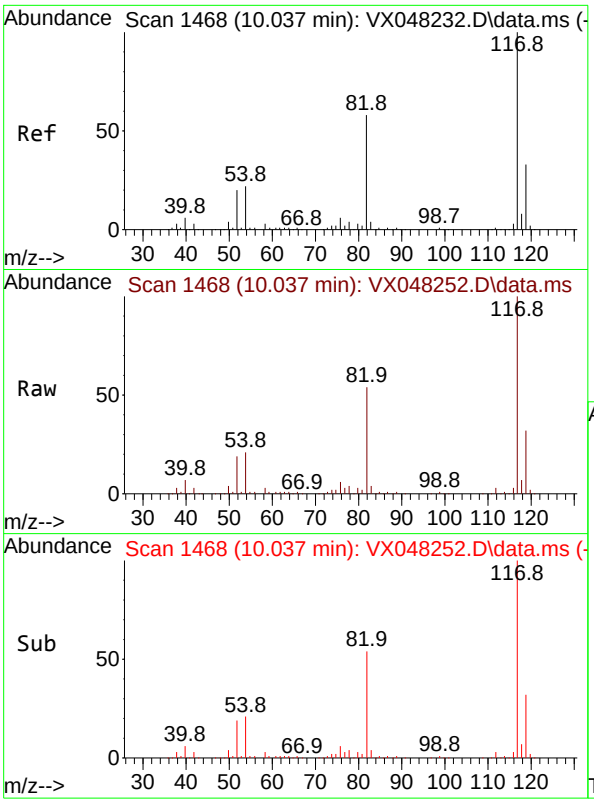


#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 95 Resp: 95248

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	147.8
176	75.3	0.0	142.8



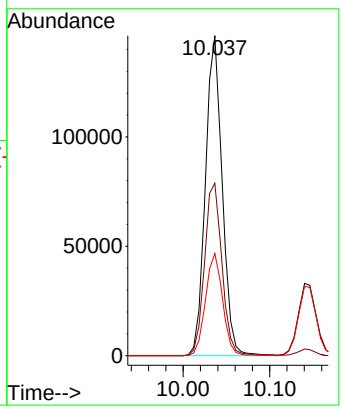


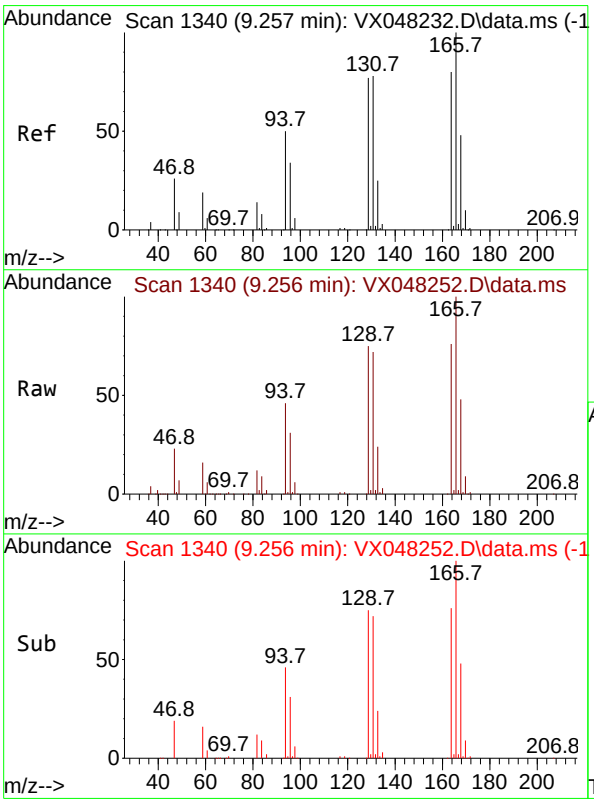
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 197016

Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.5	69.7
119	32.0	25.9	38.9

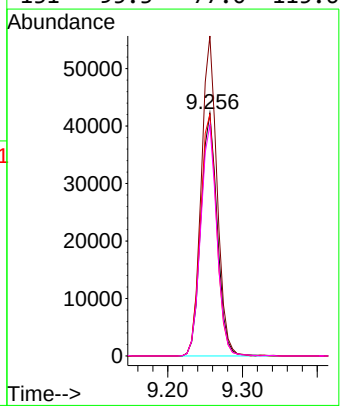


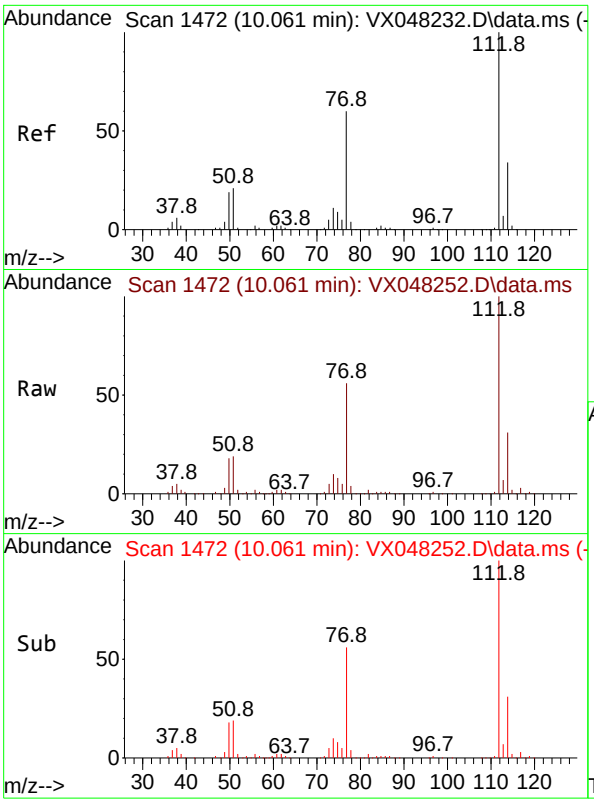


#64
Tetrachloroethene
Concen: 43.569 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:164 Resp: 64080

Ion	Ratio	Lower	Upper
164	100		
166	131.9	104.5	156.7
129	99.5	81.8	122.6
131	95.3	77.0	115.6



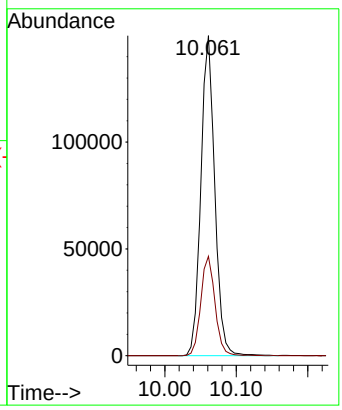


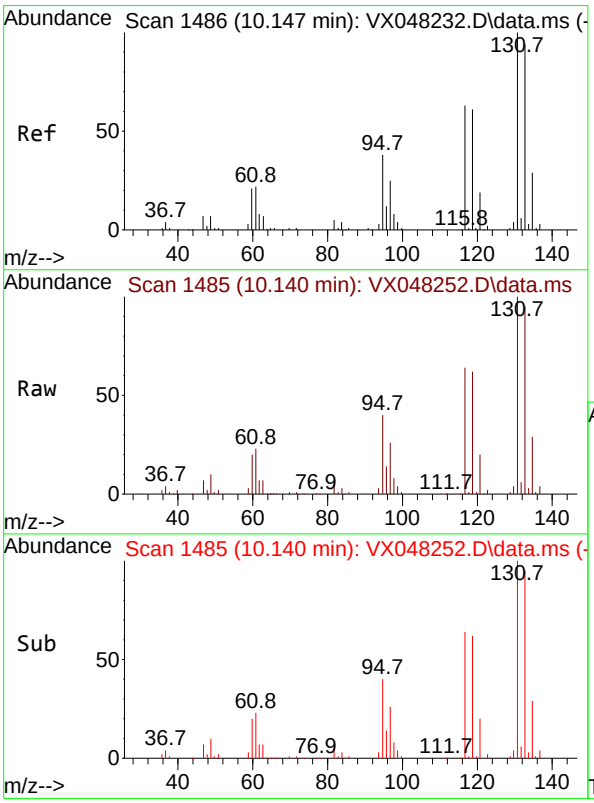
#65
Chlorobenzene
Concen: 45.568 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 201952

Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.2	39.2

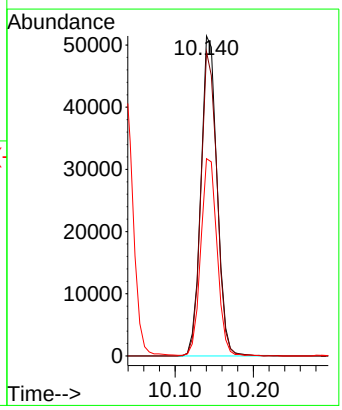


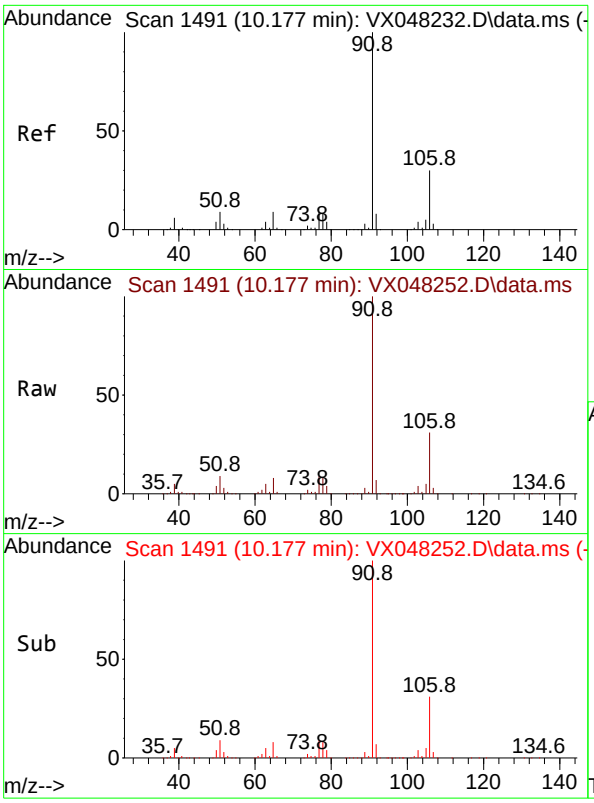


#66
1,1,1,2-Tetrachloroethane
Concen: 45.215 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:131 Resp: 73602

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.6	142.8
119	62.4	32.5	97.5



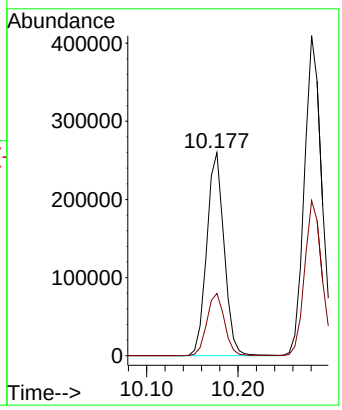


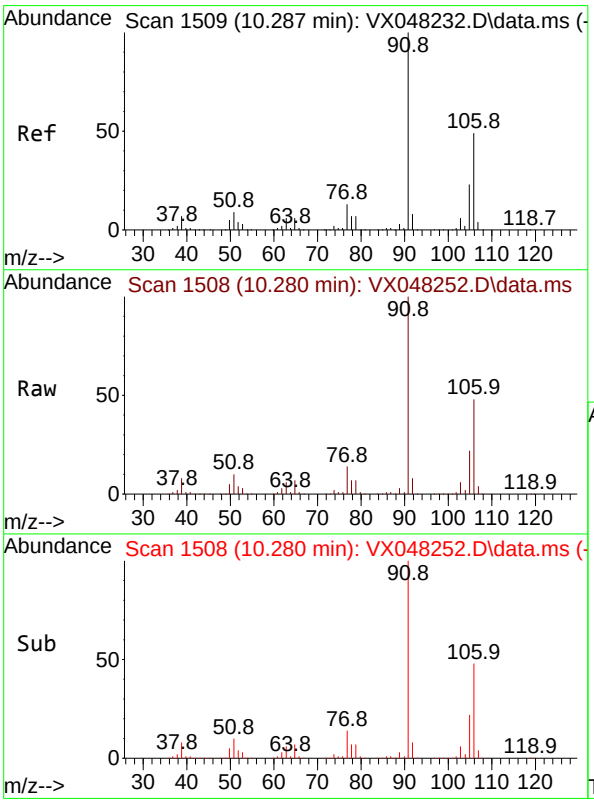
#67
Ethyl Benzene
Concen: 45.371 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 342357

Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.8	35.6

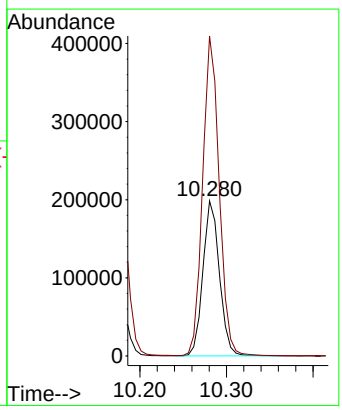


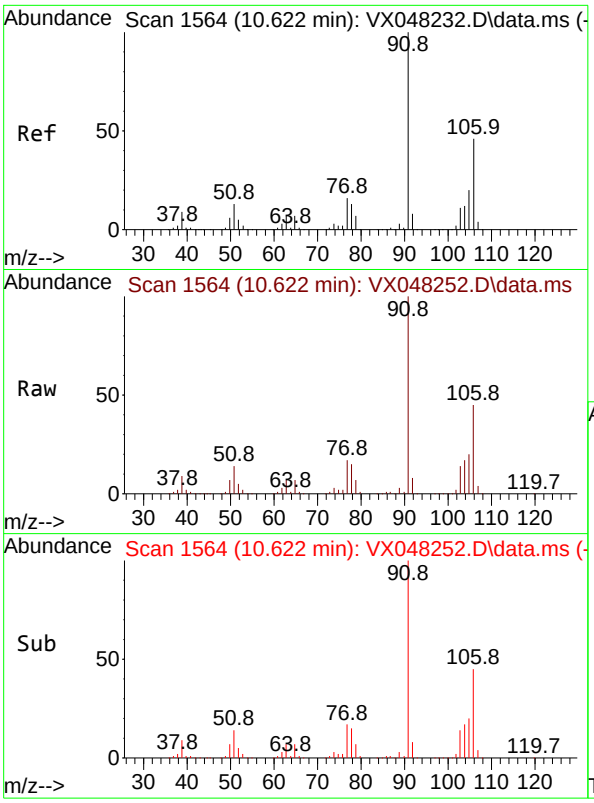


#68
m/p-Xylenes
Concen: 93.624 ug/l
RT: 10.280 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:106 Resp: 262482

Ion	Ratio	Lower	Upper
106	100		
91	206.8	167.9	251.9



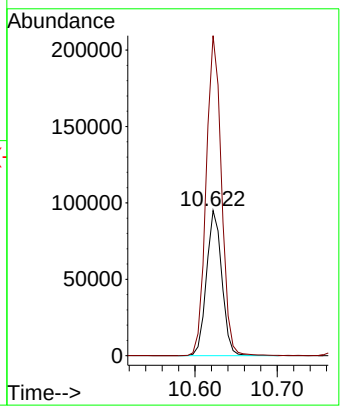


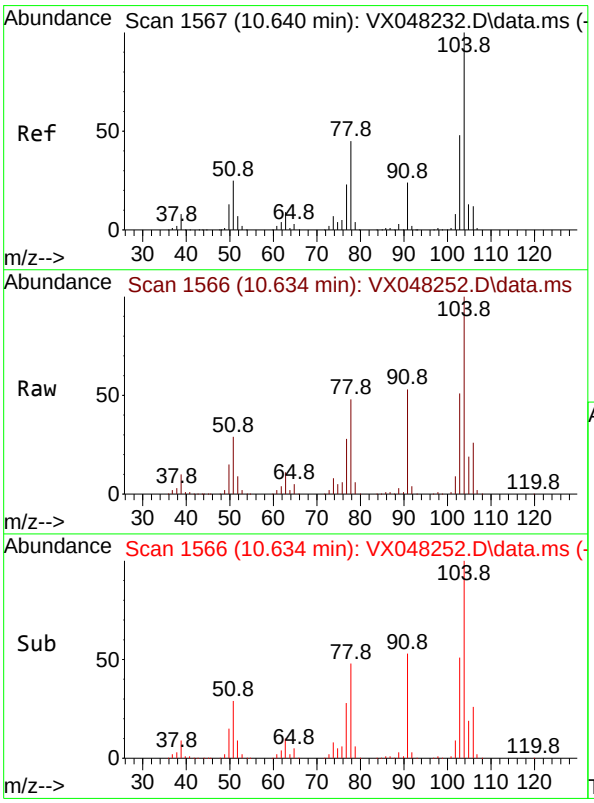
#69
o-Xylene
Concen: 45.486 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 123116

Ion	Ratio	Lower	Upper
106	100		
91	219.9	111.3	333.9

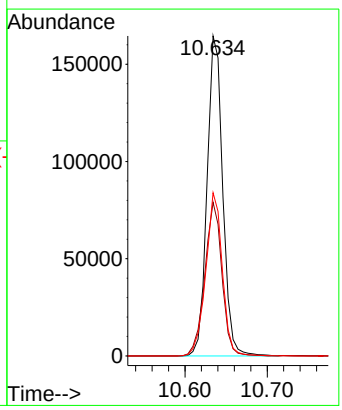


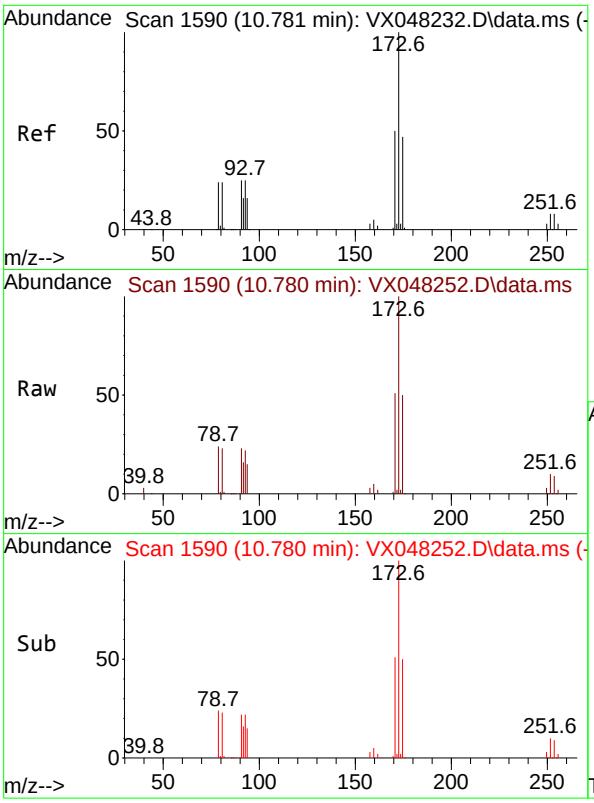


#70
Styrene
Concen: 47.309 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:104 Resp: 218038

Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.2	63.4
103	53.9	43.0	64.4



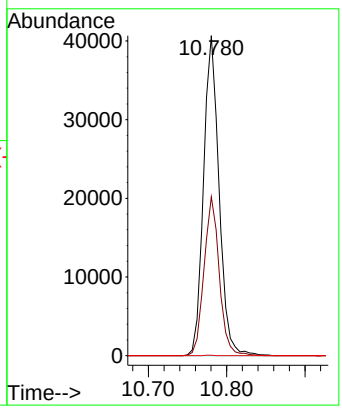


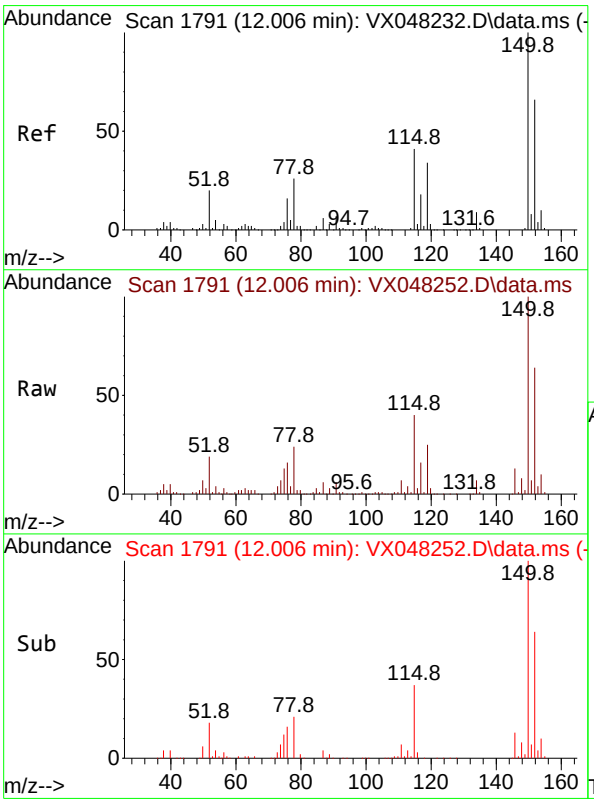
#71
Bromoform
Concen: 42.915 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 55833

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.1	0.0	0.0#

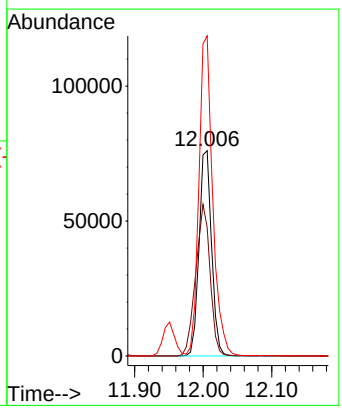


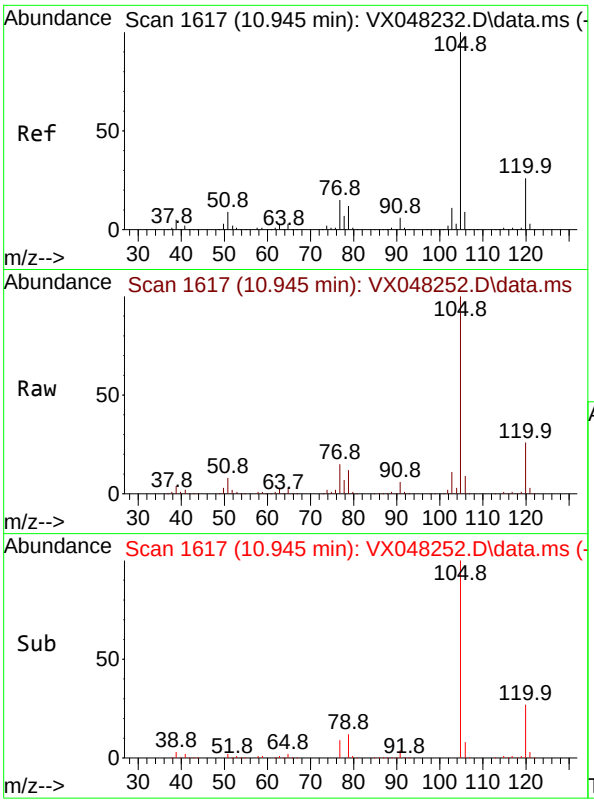


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:152 Resp: 96991

Ion	Ratio	Lower	Upper
152	100		
115	84.4	43.1	129.4
150	171.4	0.0	353.0



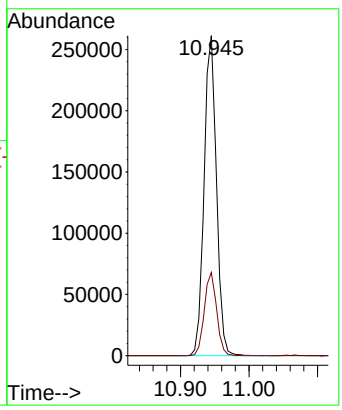


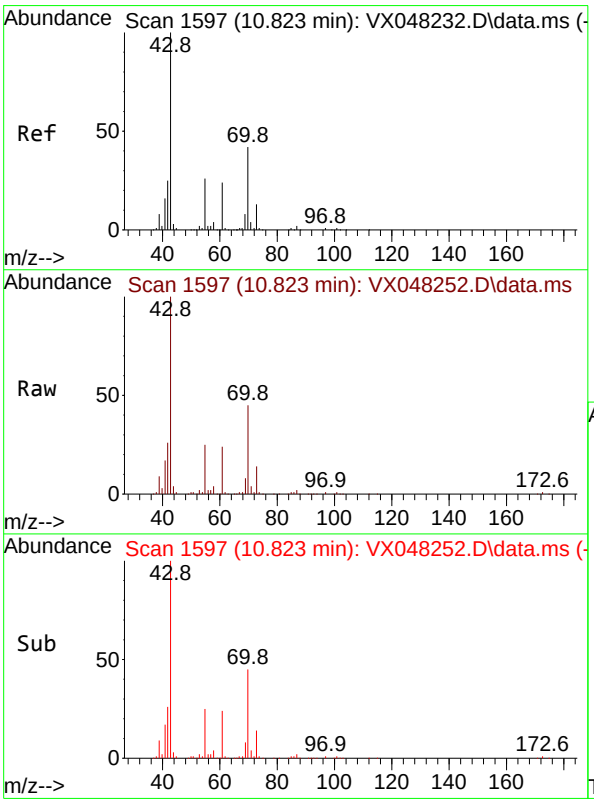
#73
Isopropylbenzene
Concen: 46.258 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 327700

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9

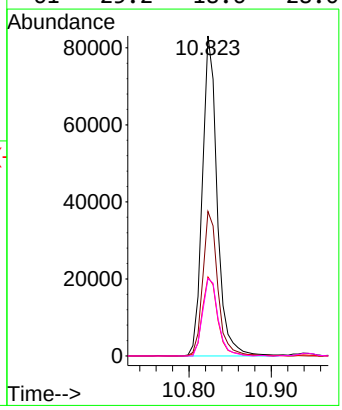


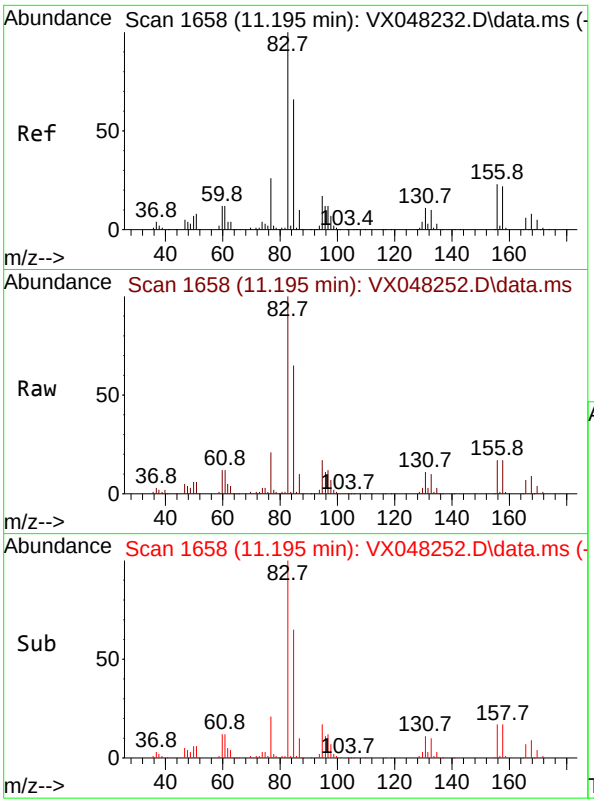


#74
N-amyl acetate
Concen: 41.490 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 43 Resp: 104260

Ion	Ratio	Lower	Upper
43	100		
70	45.6	32.2	48.2
55	25.5	19.1	28.7
61	25.2	18.6	28.0





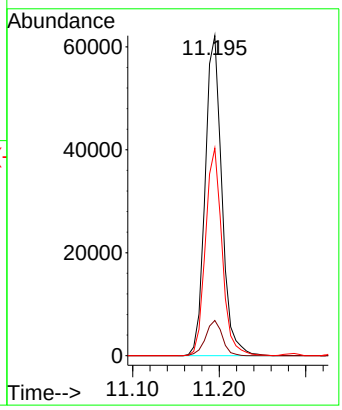
#75
1,1,2,2-Tetrachloroethane
Concen: 42.990 ug/l
RT: 11.195 min Scan# 1

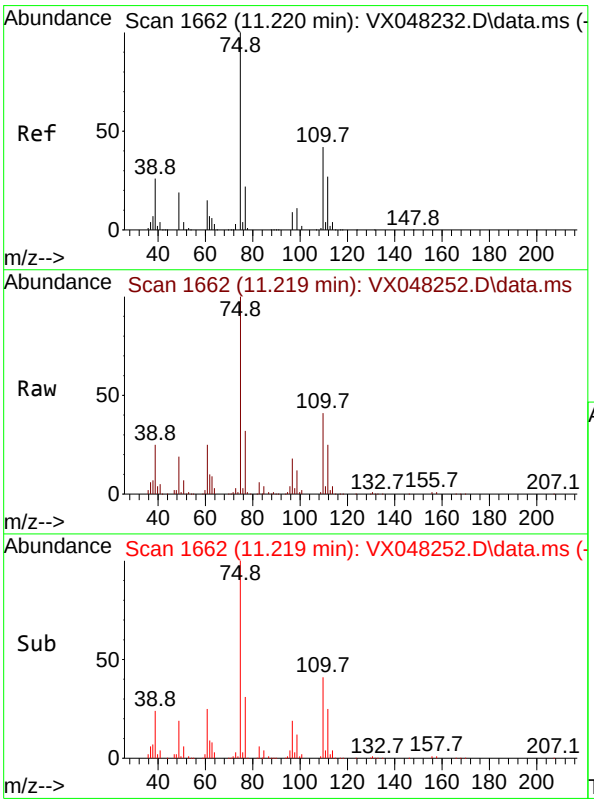
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 83 Resp: 83168

Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.8	14.4
85	64.6	31.9	95.7

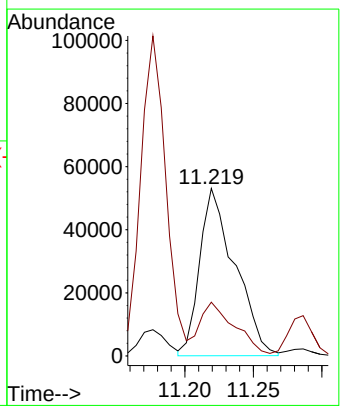


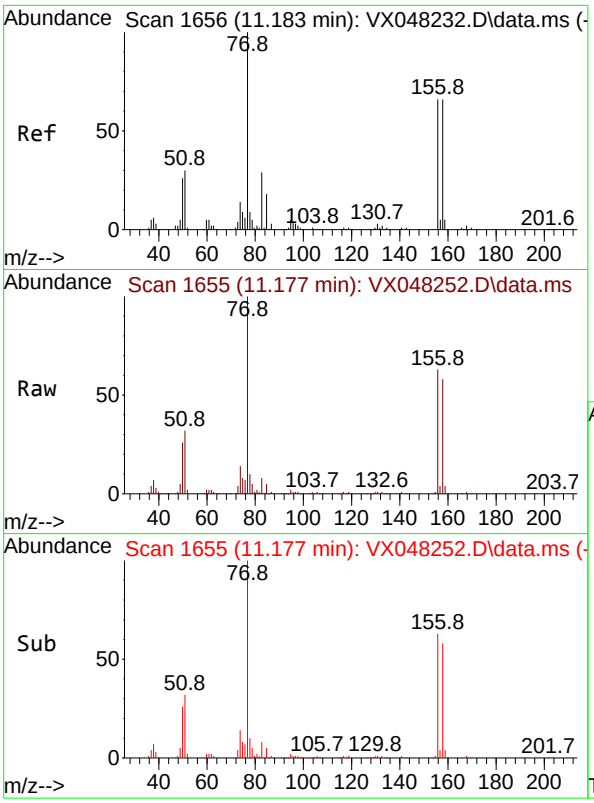


#76
1,2,3-Trichloropropane
Concen: 60.444 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 95070

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.4	67.2



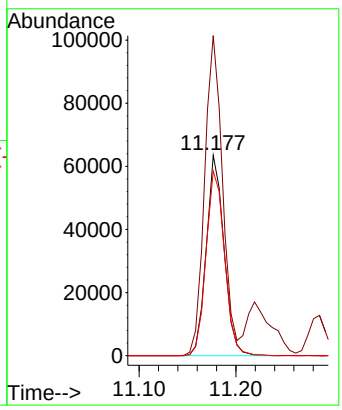


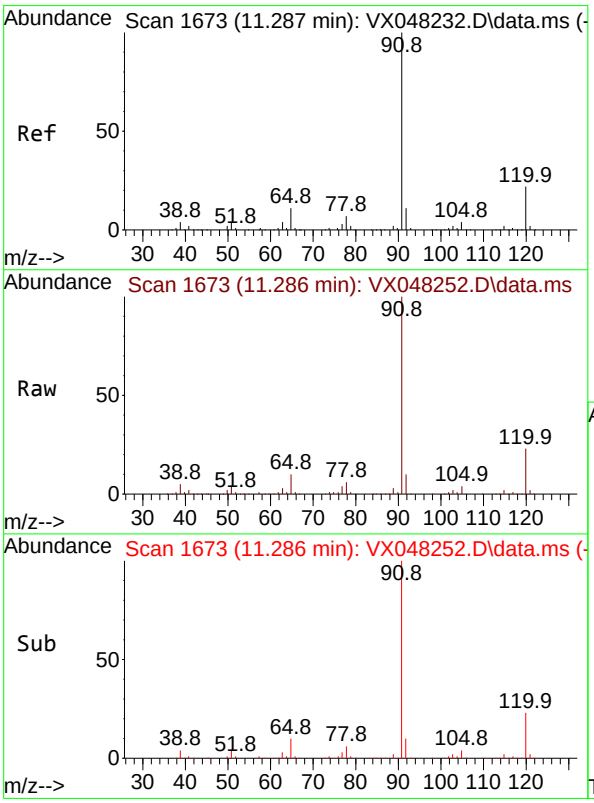
#77
Bromobenzene
Concen: 45.589 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 80981

Ion	Ratio	Lower	Upper
156	100		
77	161.0	87.0	261.0
158	96.3	47.8	143.4

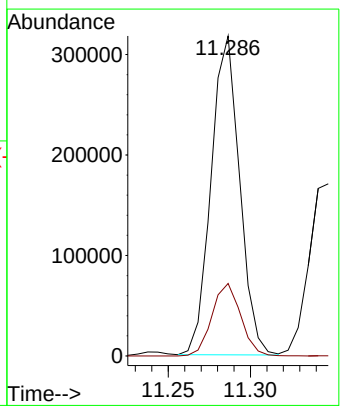


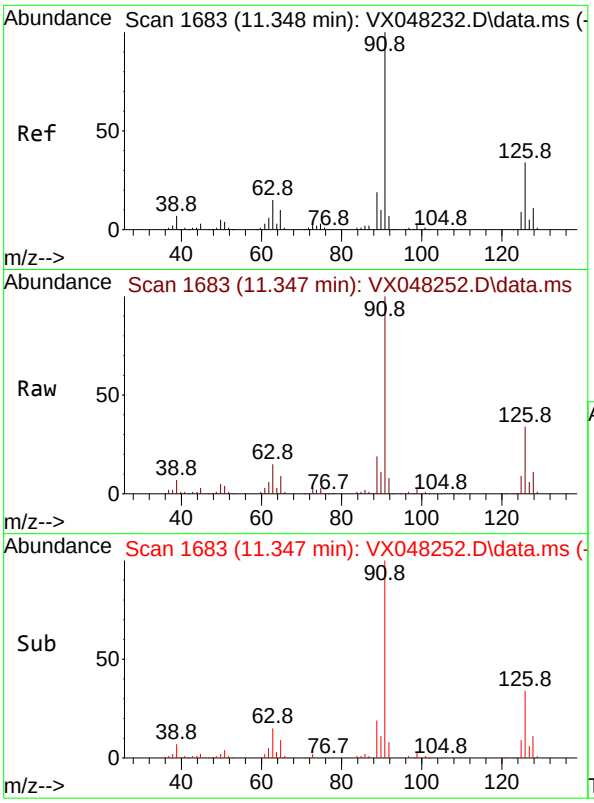


#78
n-propylbenzene
Concen: 46.739 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 383372

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.1	33.1



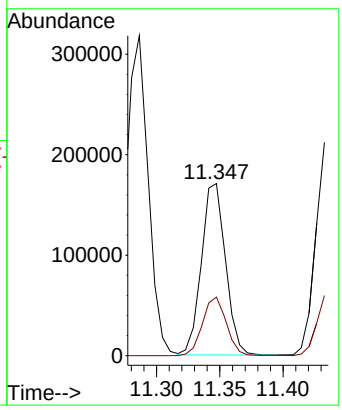


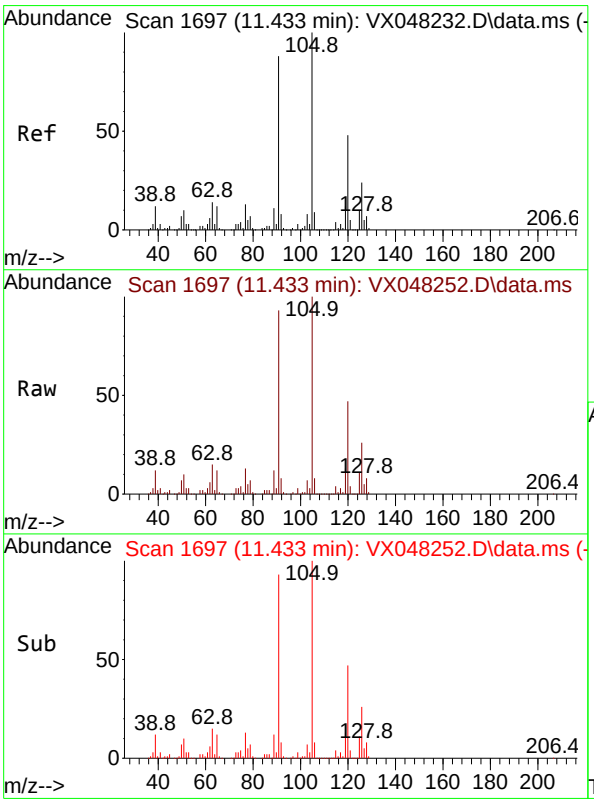
#79
2-Chlorotoluene
Concen: 45.456 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 226051

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

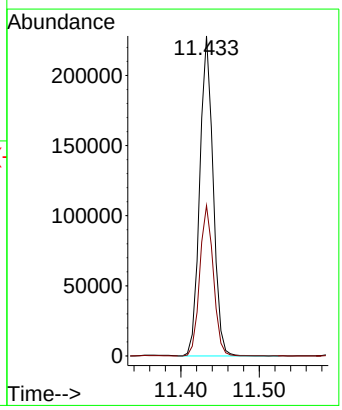


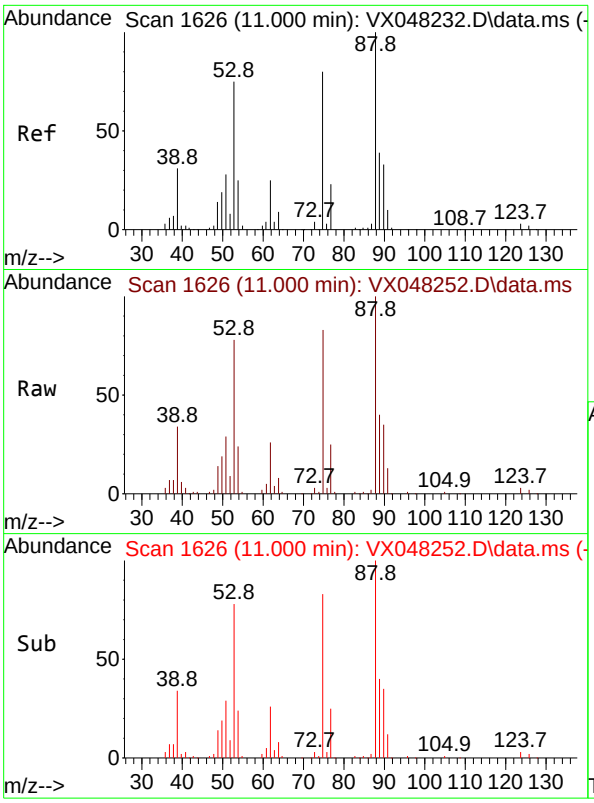


#80
1,3,5-Trimethylbenzene
Concen: 46.077 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:105 Resp: 270132

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.0	72.0



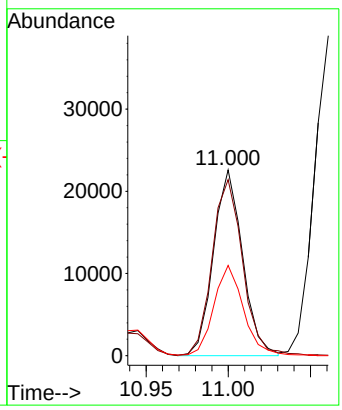


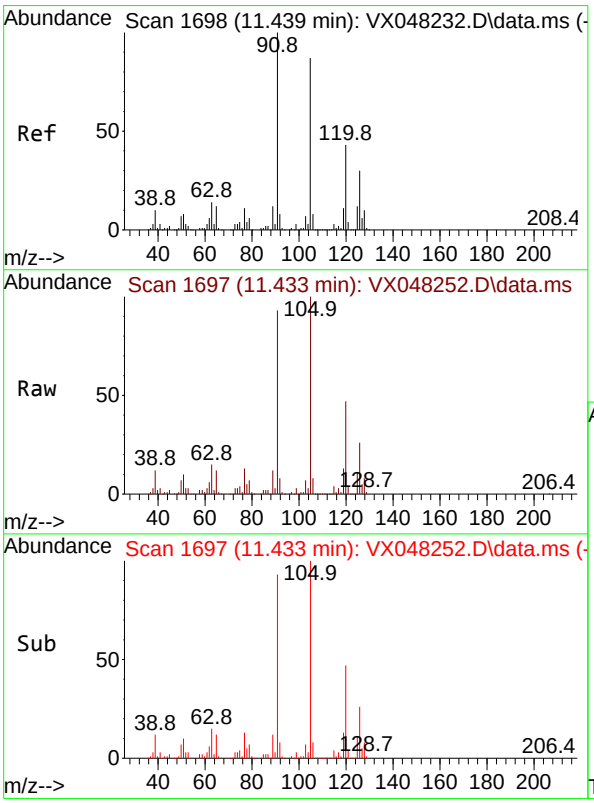
#81
trans-1,4-Dichloro-2-butene
Concen: 43.041 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 27826

Ion	Ratio	Lower	Upper
75	100		
53	99.9	79.5	119.3
89	49.7	36.8	55.2

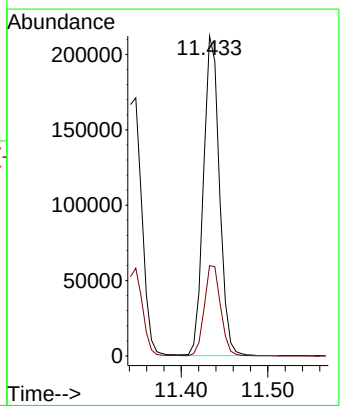


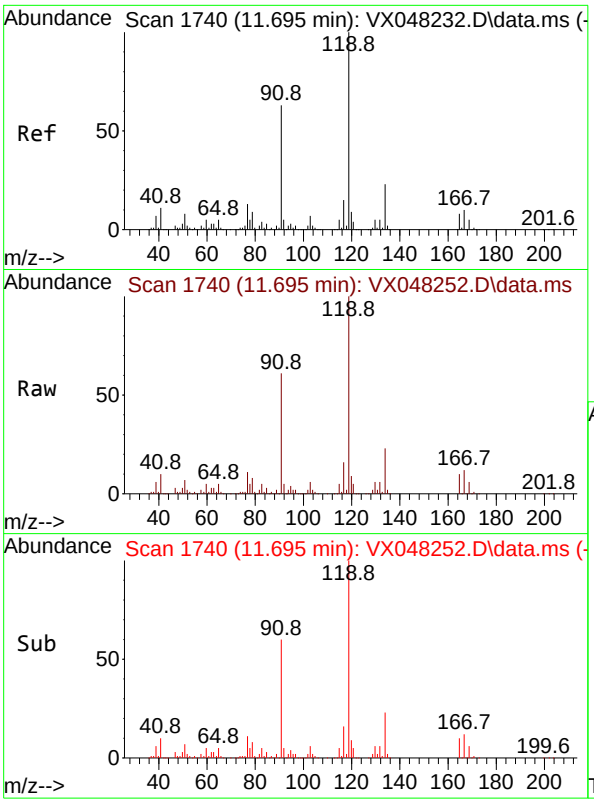


#82
4-Chlorotoluene
Concen: 45.973 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 91 Resp: 271398

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.1	42.4



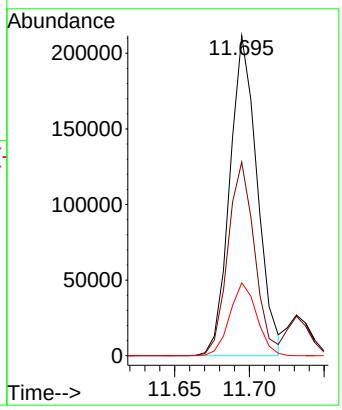


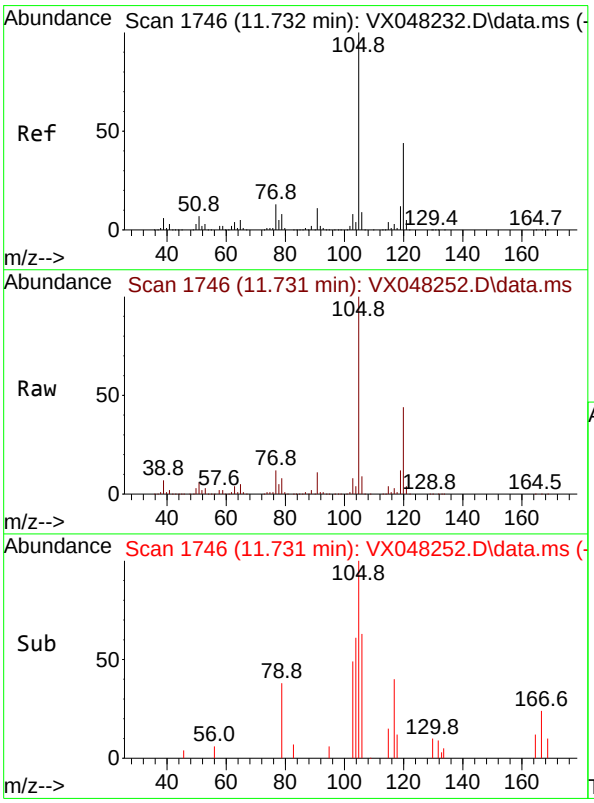
#83
tert-Butylbenzene
Concen: 44.748 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 269543

Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	22.5	11.4	34.2

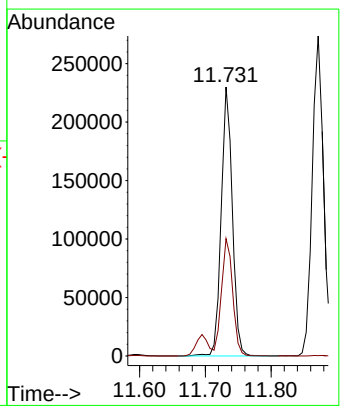


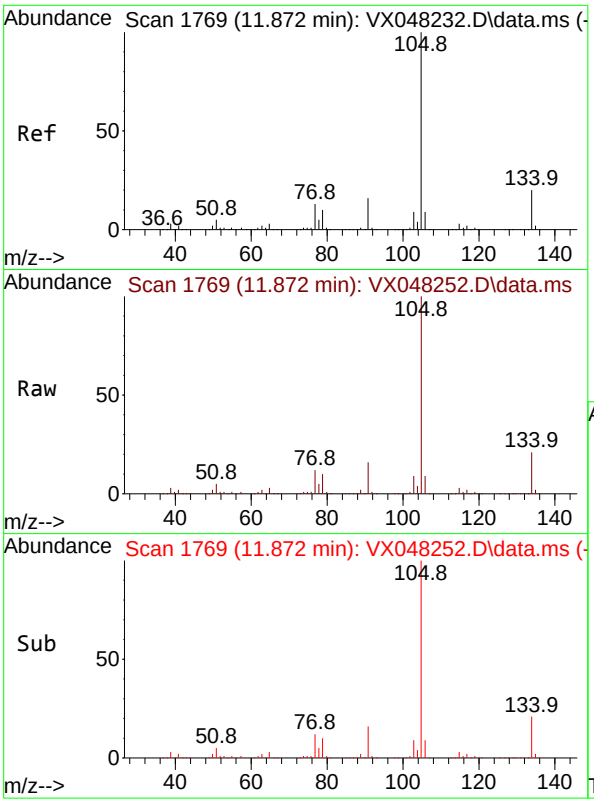


#84
1,2,4-Trimethylbenzene
Concen: 46.257 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:105 Resp: 270636

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.5



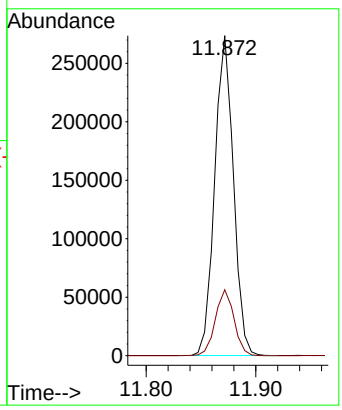


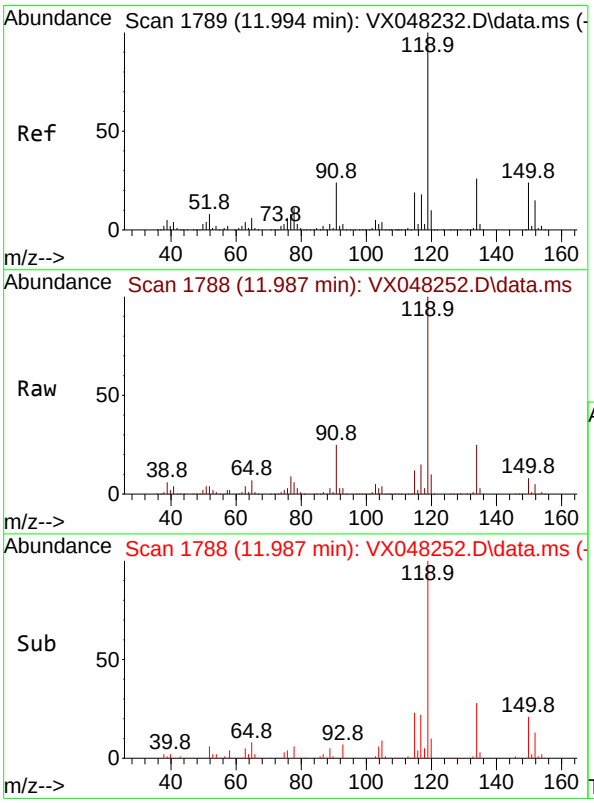
#85
sec-Butylbenzene
Concen: 44.772 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 324459

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.1

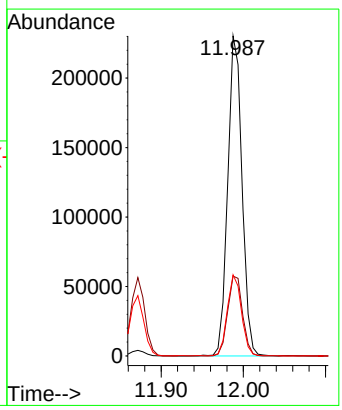


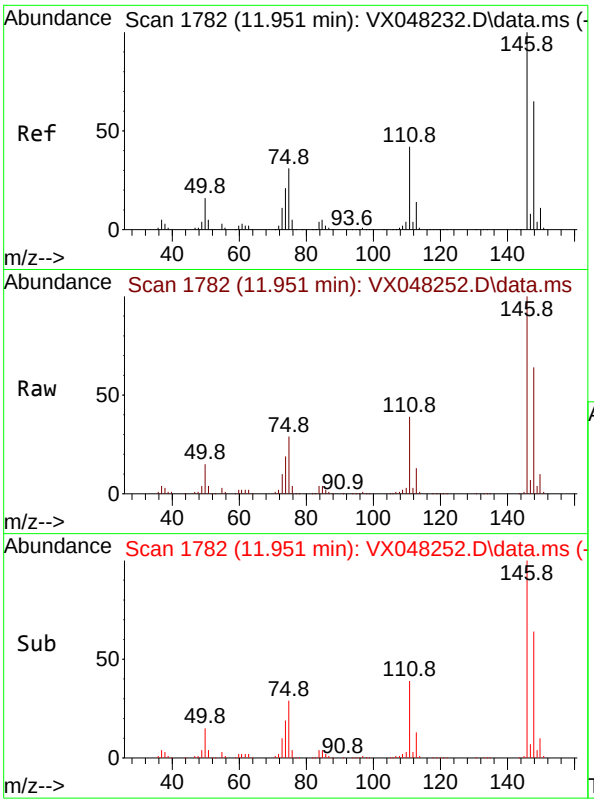


#86
p-Isopropyltoluene
Concen: 44.510 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:119 Resp: 278806

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	25.2	12.1	36.3



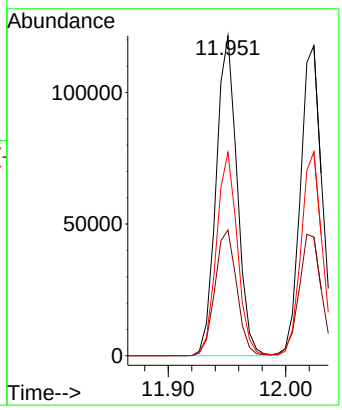


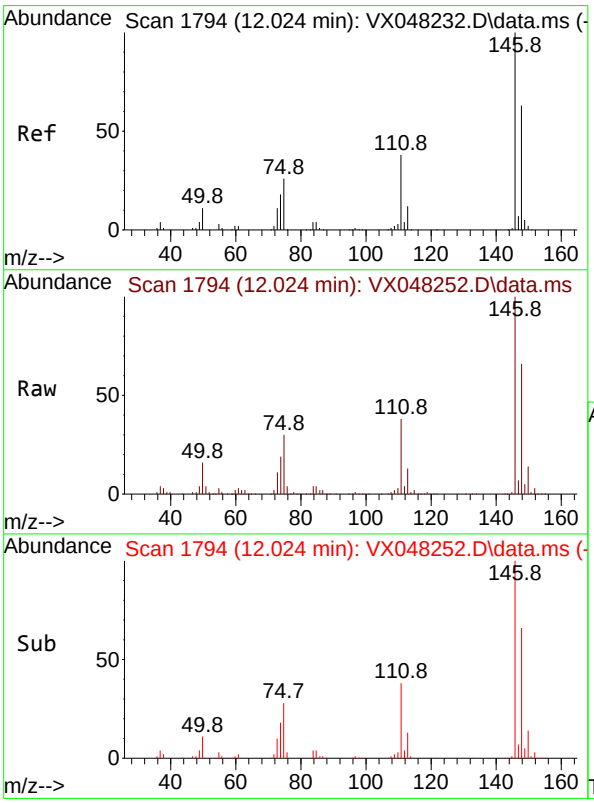
#87
1,3-Dichlorobenzene
Concen: 45.050 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 150857

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.1	31.9	95.9

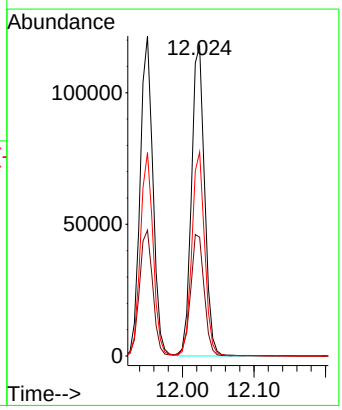


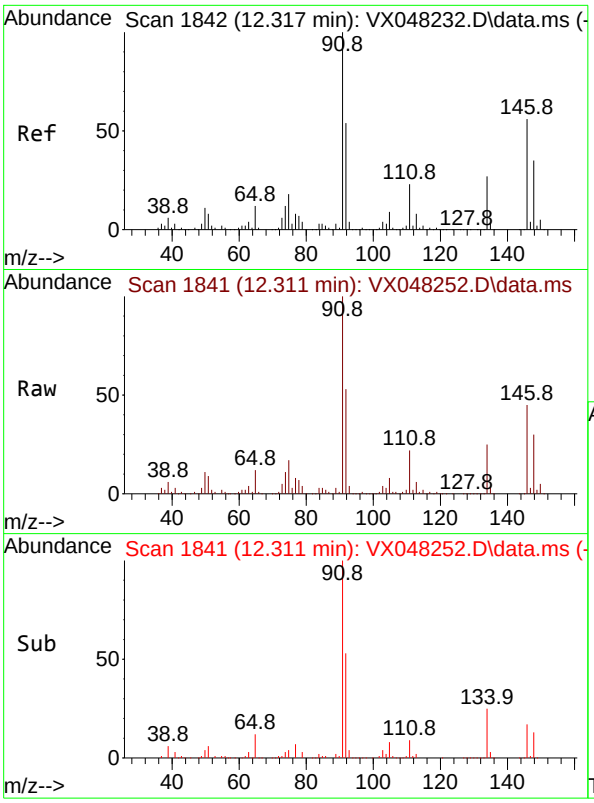


#88
1,4-Dichlorobenzene
Concen: 43.374 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:146 Resp: 150468

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.4	31.8	95.3



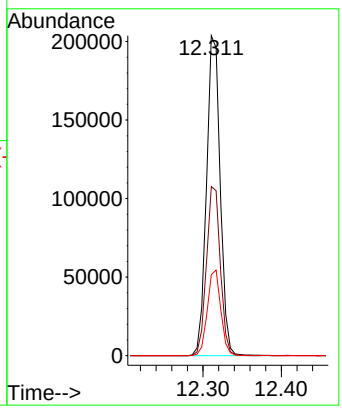


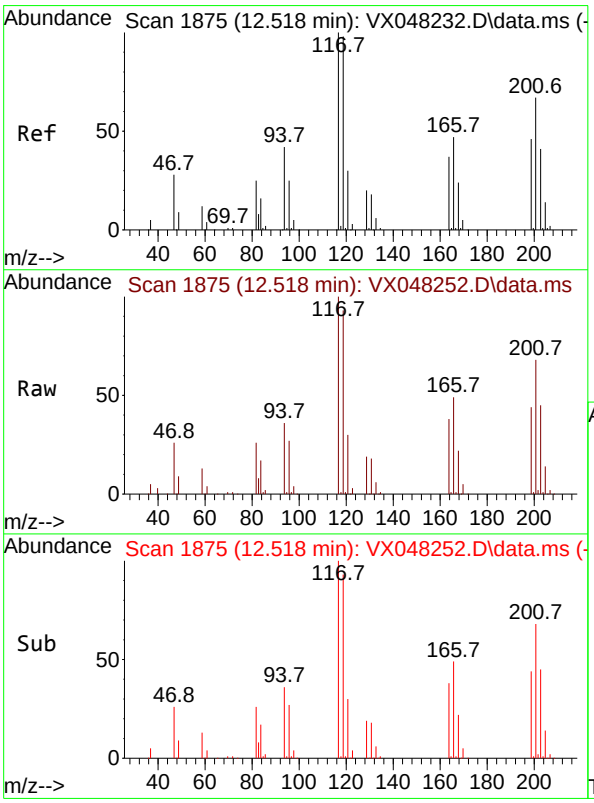
#89
n-Butylbenzene
Concen: 43.269 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 246692

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.6
134	26.2	12.7	38.1

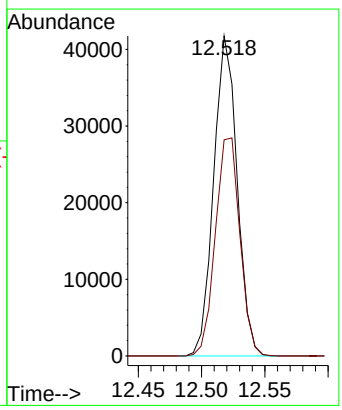


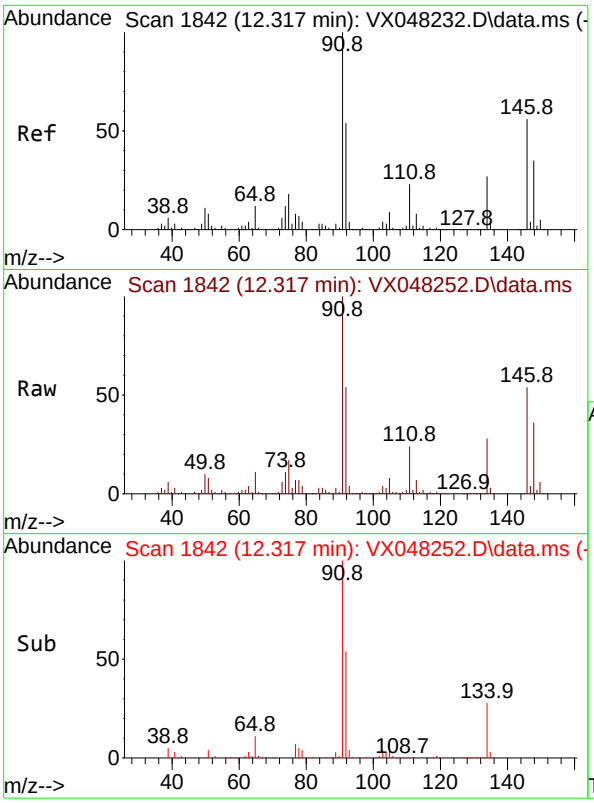


#90
Hexachloroethane
Concen: 43.425 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:117 Resp: 53716

Ion	Ratio	Lower	Upper
117	100		
201	71.6	34.1	102.2



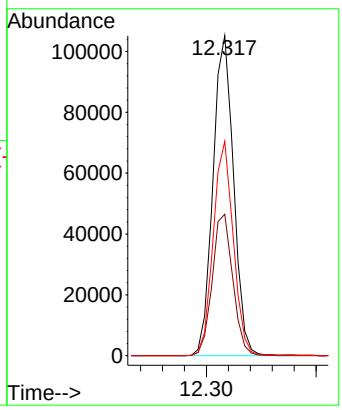


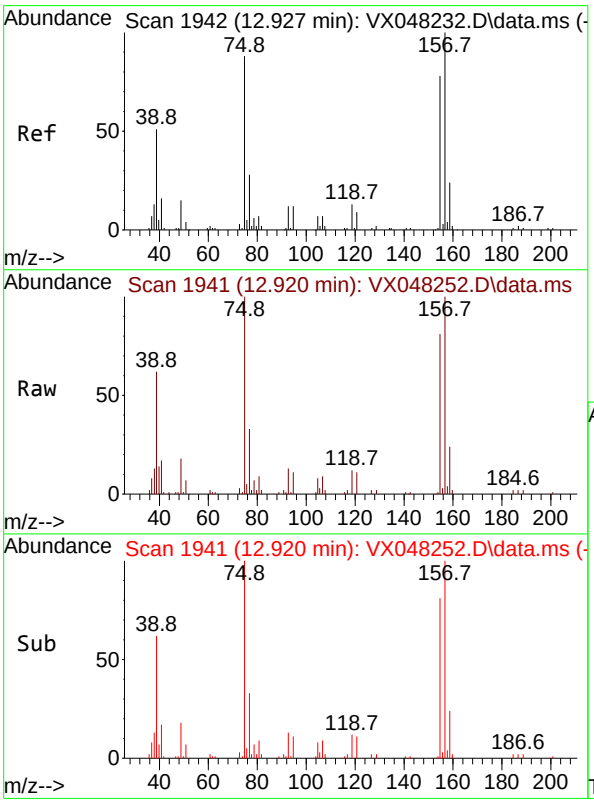
#91
1,2-Dichlorobenzene
Concen: 43.698 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 137387

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.5
148	65.4	31.9	95.5

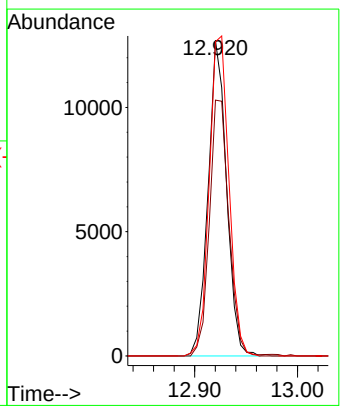


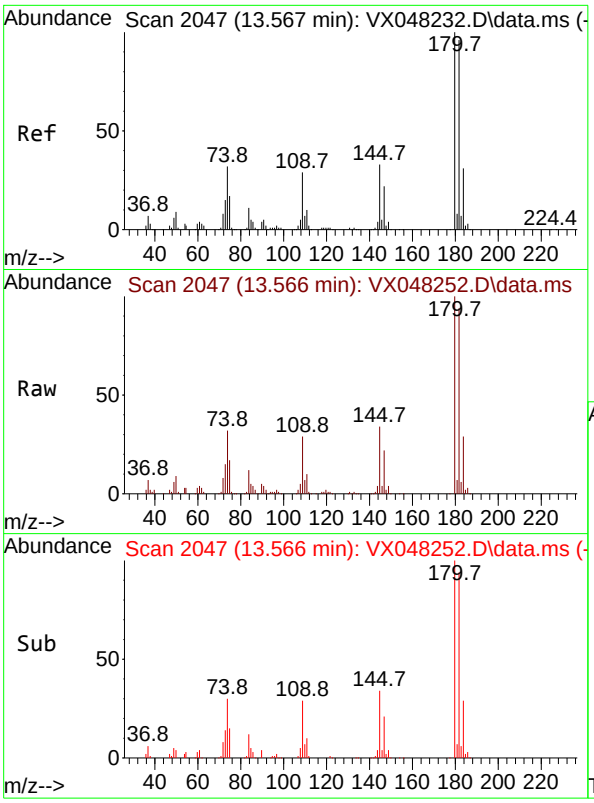


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.283 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion: 75 Resp: 15819

Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.8	128.4
157	108.0	54.2	162.6



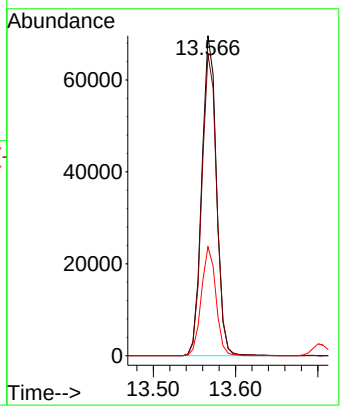


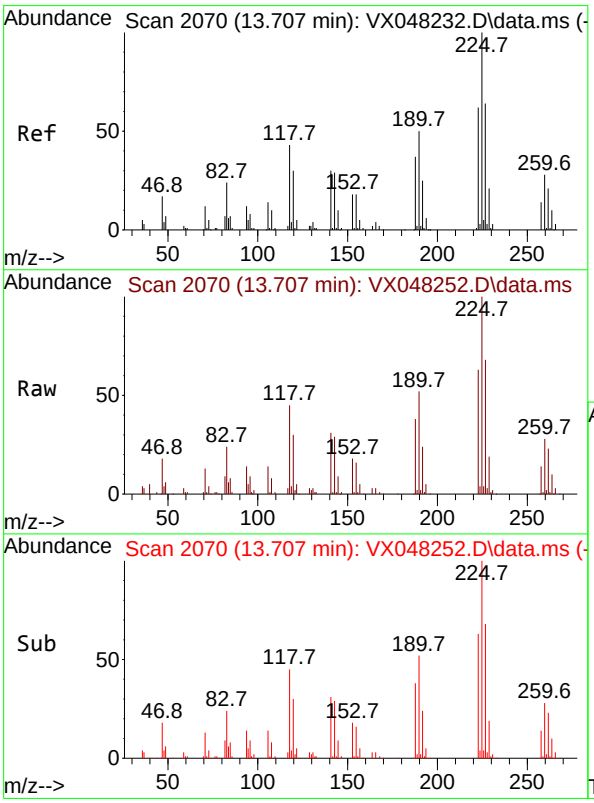
#93
1,2,4-Trichlorobenzene
Concen: 40.369 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 85831

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	33.8	16.3	48.9

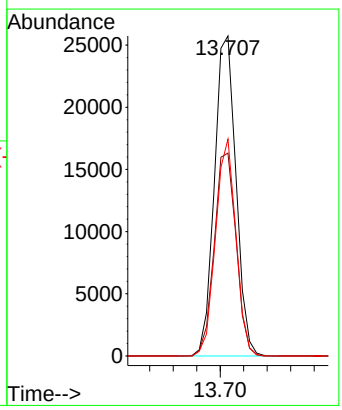


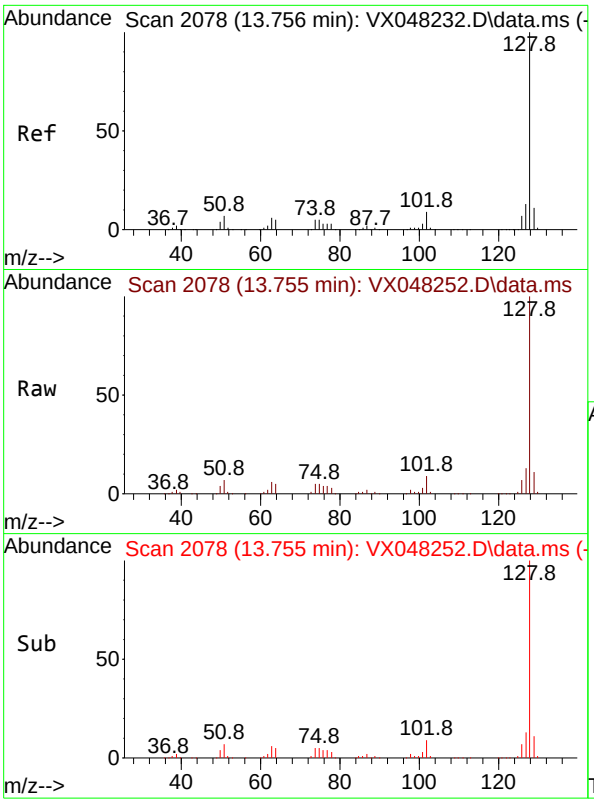


#94
Hexachlorobutadiene
Concen: 41.267 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:225 Resp: 32869

Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.6	97.7
227	64.0	32.5	97.4



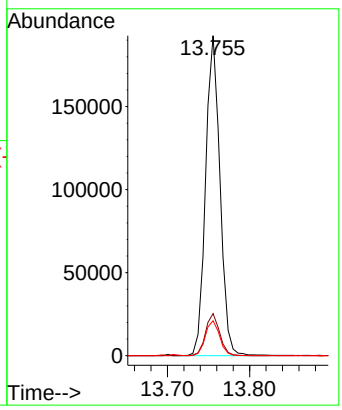


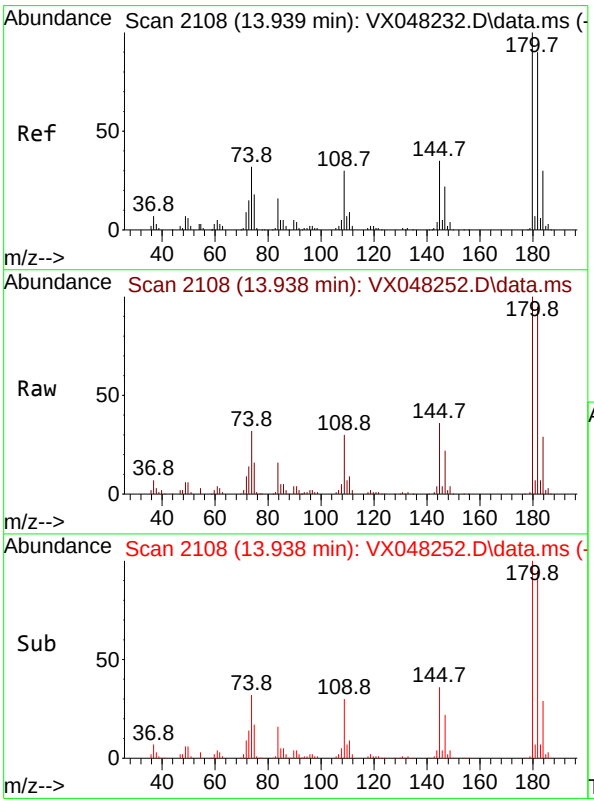
#95
Naphthalene
Concen: 41.531 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 233946

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	12.8

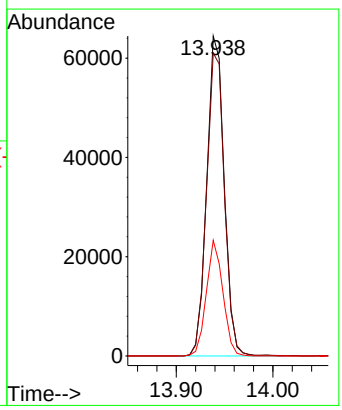




#96
1,2,3-Trichlorobenzene
Concen: 41.446 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048252.D
Acq: 21 Oct 2025 08:43

Tgt Ion:180 Resp: 80863

Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.6	139.7
145	34.4	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	141199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	230109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	97363	49.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.360%			
35) Dibromofluoromethane	5.367	113	77378	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.628	98	263067	47.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.560%			
62) 4-Bromofluorobenzene	11.061	95	104113	49.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	24401	16.810	ug/l	98
3) Chloromethane	1.300	50	24074	17.768	ug/l	98
4) Vinyl Chloride	1.380	62	22127	17.636	ug/l	98
5) Bromomethane	1.617	94	16447	19.316	ug/l	99
6) Chloroethane	1.697	64	13922	18.884	ug/l	91
7) Trichlorofluoromethane	1.898	101	42595	17.702	ug/l	99
8) Diethyl Ether	2.136	74	12470	18.418	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	26749	17.555	ug/l	96
10) Methyl Iodide	2.453	142	32960	17.207	ug/l	100
11) Tert butyl alcohol	2.940	59	13580	69.088	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	26679	17.997	ug/l	89
13) Acrolein	2.233	56	19860	99.067	ug/l	99
14) Allyl chloride	2.666	41	43917	17.844	ug/l	97
15) Acrylonitrile	3.056	53	59914	84.532	ug/l	99
16) Acetone	2.373	43	55899	82.307	ug/l	97
17) Carbon Disulfide	2.514	76	77662	16.623	ug/l	97
18) Methyl Acetate	2.696	43	24826	17.503	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	89211	17.640	ug/l	95
20) Methylene Chloride	2.788	84	31545	19.062	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	29134	17.892	ug/l	97
22) Diisopropyl ether	3.745	45	95604	19.476	ug/l	91
23) Vinyl Acetate	3.708	43	367608	93.748	ug/l	97
24) 1,1-Dichloroethane	3.605	63	54562	18.382	ug/l	98
25) 2-Butanone	4.538	43	73253	85.214	ug/l	100
26) 2,2-Dichloropropane	4.464	77	47833	17.854	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	35928	18.906	ug/l	98
28) Bromochloromethane	4.879	49	26532	21.558	ug/l	88
29) Tetrahydrofuran	4.983	42	43984	85.433	ug/l	97
30) Chloroform	5.074	83	59628	18.803	ug/l	98
31) Cyclohexane	5.452	56	47112	19.171	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	52848	18.082	ug/l	98
36) 1,1-Dichloropropene	5.678	75	40242	18.023	ug/l	100
37) Ethyl Acetate	4.690	43	32251	17.426	ug/l	98
38) Carbon Tetrachloride	5.665	117	46896	17.024	ug/l	98
39) Methylcyclohexane	7.360	83	44764	16.976	ug/l	95
40) Benzene	6.019	78	120185	18.540	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	17591	18.099	ug/l		97
42) 1,2-Dichloroethane	6.062	62	45577	19.053	ug/l		99
43) Isopropyl Acetate	6.318	43	52903	17.402	ug/l		96
44) Trichloroethene	7.110	130	30995	18.107	ug/l		99
45) 1,2-Dichloropropane	7.415	63	29673	19.252	ug/l		95
46) Dibromomethane	7.567	93	22037	18.352	ug/l		94
47) Bromodichloromethane	7.799	83	48240	18.606	ug/l		99
48) Methyl methacrylate	7.677	41	26320	17.158	ug/l		94
49) 1,4-Dioxane	7.647	88	5926	292.405	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.555	43	152275	86.877	ug/l		96
52) Toluene	8.701	92	77240	18.755	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	46020	18.419	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	50705	18.810	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	29313	19.140	ug/l		98
56) Ethyl methacrylate	9.098	69	39990	17.852	ug/l		93
57) 1,3-Dichloropropane	9.293	76	50123	19.160	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	98096	82.586	ug/l		96
59) 2-Hexanone	9.415	43	104997	85.909	ug/l		96
60) Dibromochloromethane	9.500	129	37288	18.114	ug/l		99
61) 1,2-Dibromoethane	9.592	107	30294	18.554	ug/l		98
64) Tetrachloroethene	9.256	164	26804	16.909	ug/l		99
65) Chlorobenzene	10.061	112	85855	17.974	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	30819	17.566	ug/l		98
67) Ethyl Benzene	10.177	91	144956	17.824	ug/l		98
68) m/p-Xylenes	10.287	106	111086	36.763	ug/l		99
69) o-Xylene	10.622	106	52686	18.060	ug/l		97
70) Styrene	10.634	104	93575	18.838	ug/l		99
71) Bromoform	10.780	173	23770	16.952	ug/l	#	99
73) Isopropylbenzene	10.945	105	138728	17.144	ug/l		100
74) N-amyl acetate	10.823	43	46339	16.144	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38121	17.251	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	39397	21.928	ug/l		81
77) Bromobenzene	11.177	156	34669	17.087	ug/l		94
78) n-propylbenzene	11.286	91	161765	17.266	ug/l		98
79) 2-Chlorotoluene	11.347	91	98234	17.293	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	114762	17.137	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12207	16.530	ug/l		96
82) 4-Chlorotoluene	11.433	91	115993	17.202	ug/l		97
83) tert-Butylbenzene	11.695	119	117710	17.108	ug/l		95
84) 1,2,4-Trimethylbenzene	11.731	105	114927	17.197	ug/l		100
85) sec-Butylbenzene	11.872	105	138342	16.712	ug/l		99
86) p-Isopropyltoluene	11.987	119	119237	16.665	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	65615	17.154	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65796	16.604	ug/l		98
89) n-Butylbenzene	12.317	91	103383	15.875	ug/l		99
90) Hexachloroethane	12.518	117	22360	15.825	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	61839	17.219	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	6372	14.205	ug/l		96
93) 1,2,4-Trichlorobenzene	13.566	180	36955	15.216	ug/l		98
94) Hexachlorobutadiene	13.707	225	14253	15.707	ug/l		97
95) Naphthalene	13.755	128	98736	15.345	ug/l		100
96) 1,2,3-Trichlorobenzene	13.944	180	34440	15.454	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

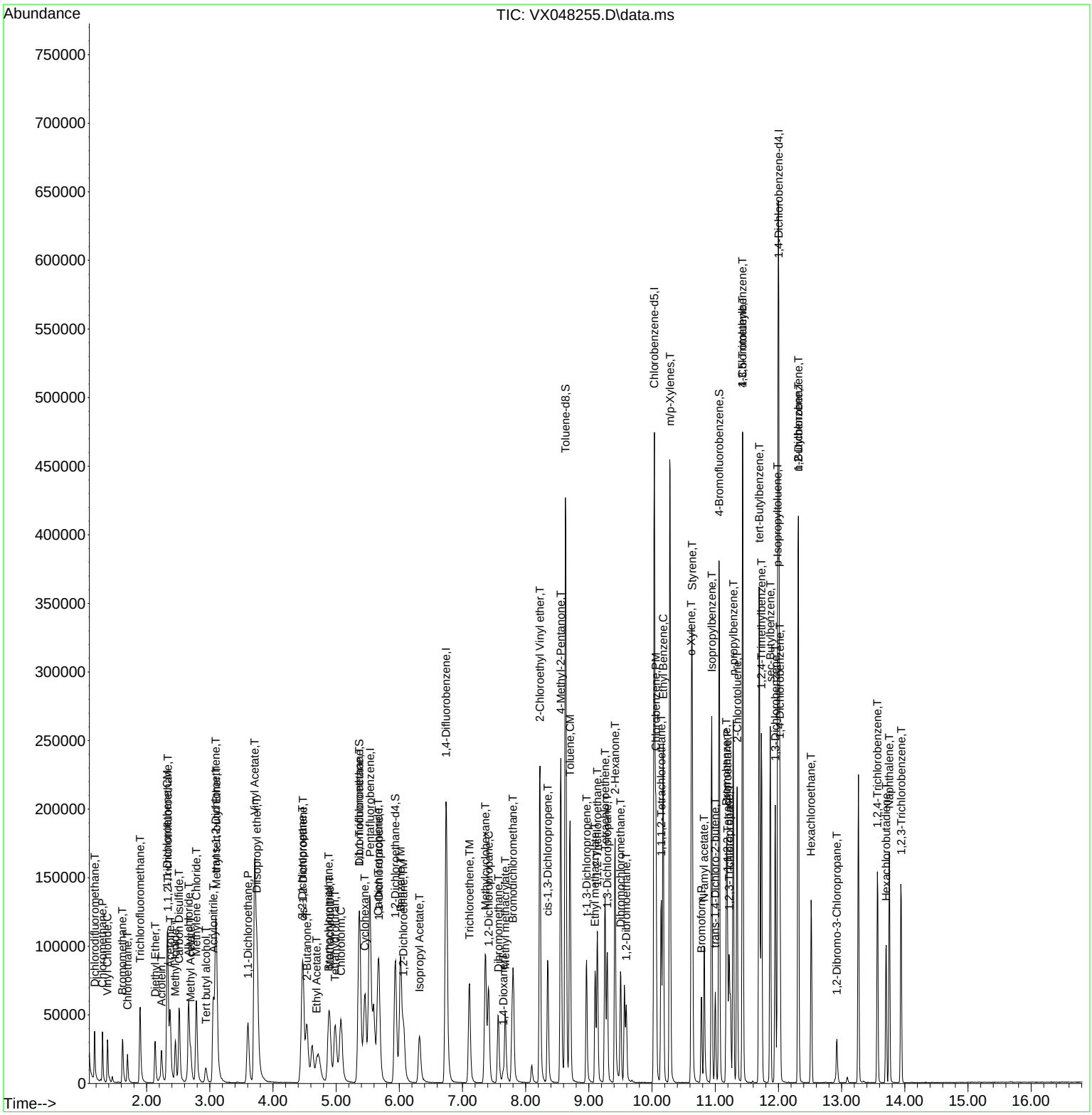
(#) = qualifier out of range (m) = manual integration (+) = signals summed

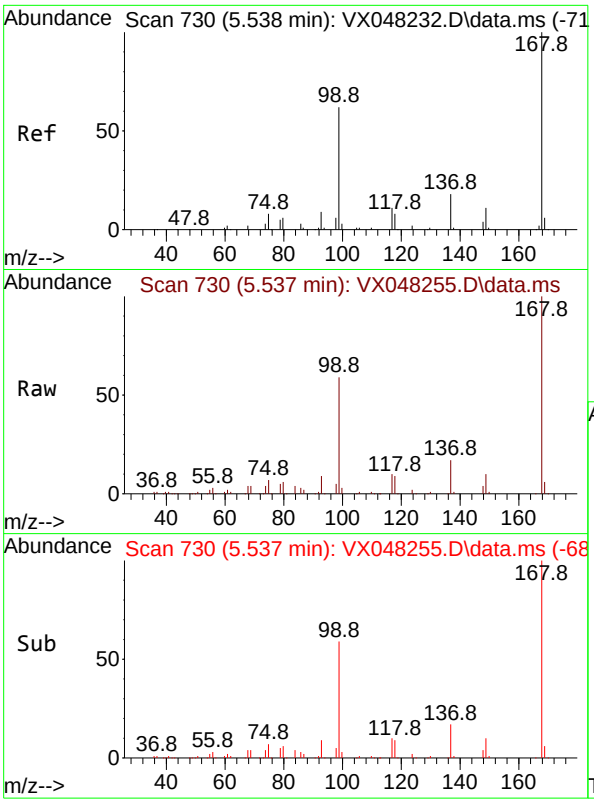
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048255.D
Acq On : 21 Oct 2025 10:06
Operator : JC/MD
Sample : VX1021WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Quant Time: Oct 24 04:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



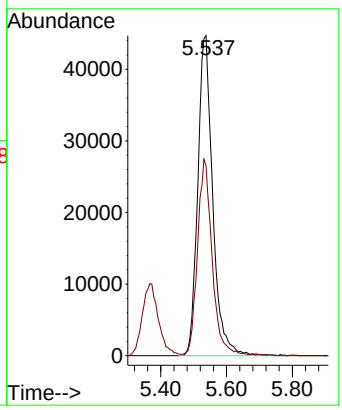


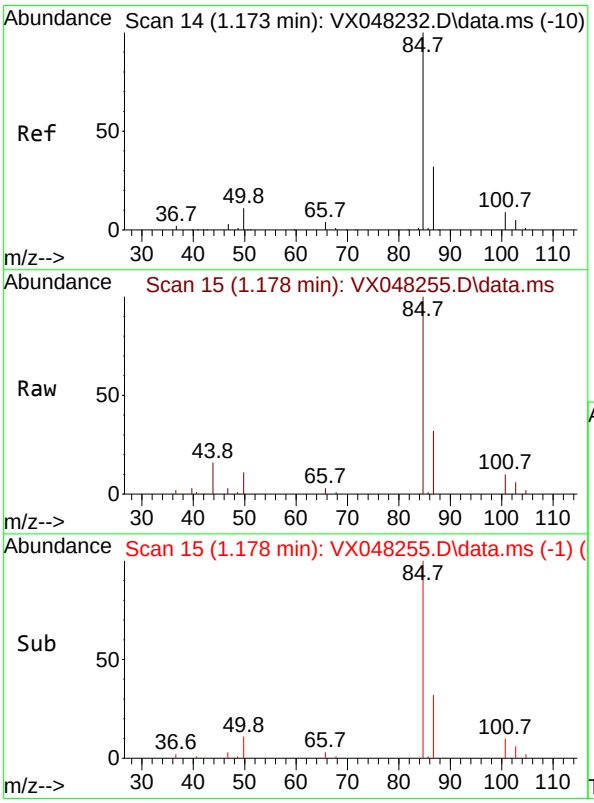
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:168 Resp: 141199

Ion	Ratio	Lower	Upper
168	100		
99	59.3	46.4	69.6

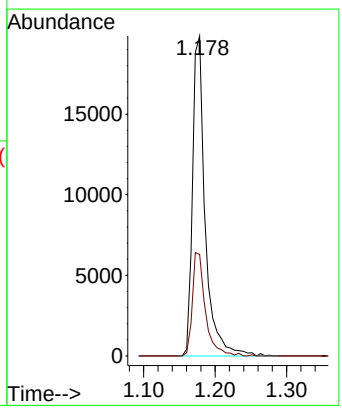


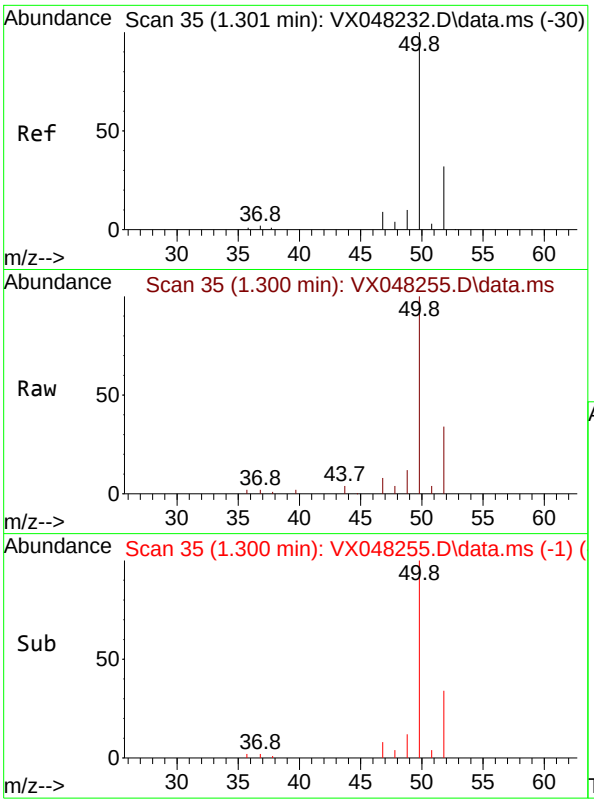


#2
Dichlorodifluoromethane
Concen: 16.810 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 85 Resp: 24401

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.3	45.9



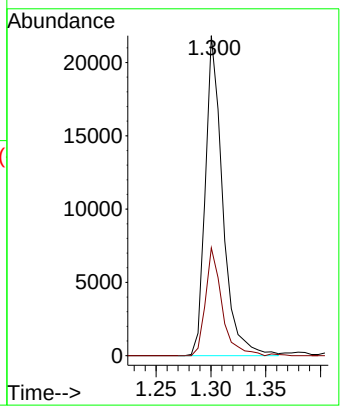


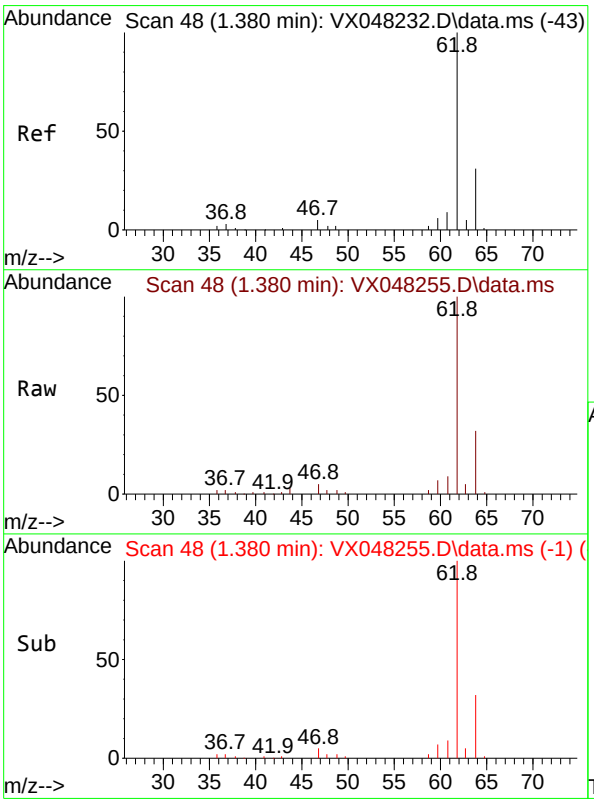
#3
Chloromethane
Concen: 17.768 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 50 Resp: 24074

Ion	Ratio	Lower	Upper
50	100		
52	33.7	25.9	38.9

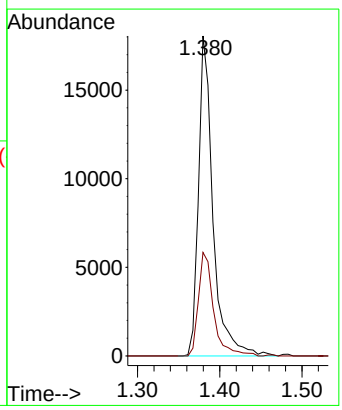


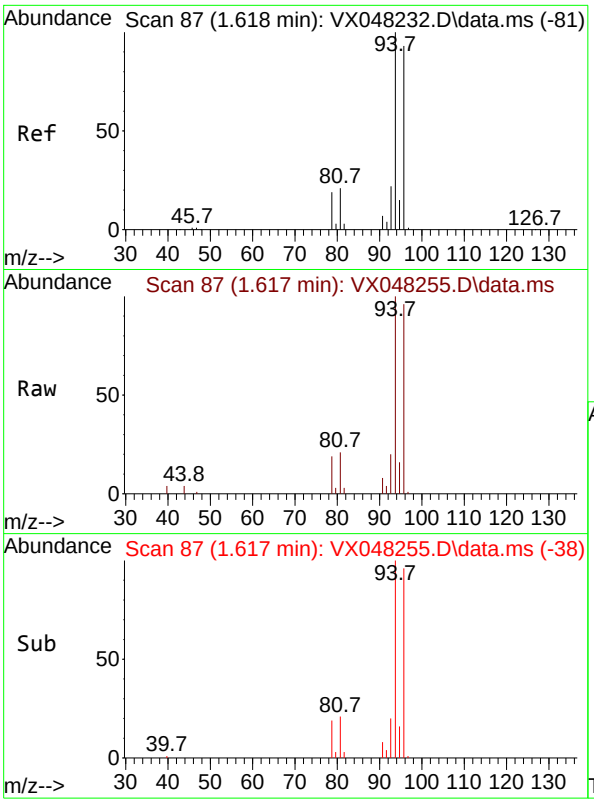


#4
Vinyl Chloride
Concen: 17.636 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 22127

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.1	37.7



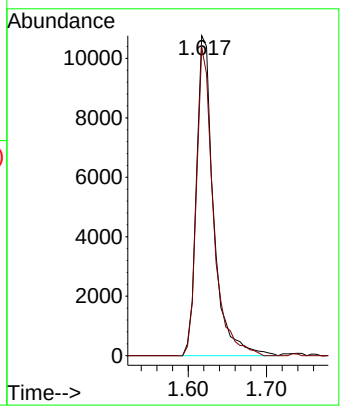


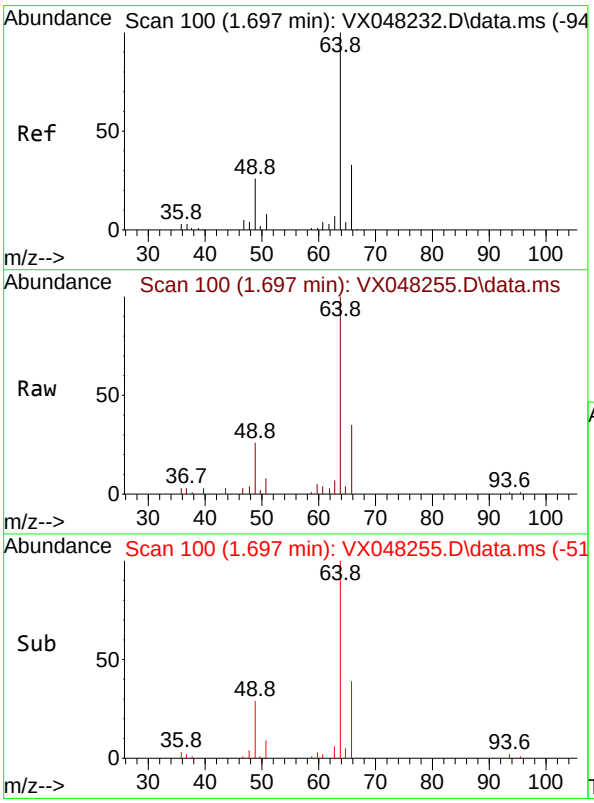
#5
Bromomethane
Concen: 19.316 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 94 Resp: 16447

Ion	Ratio	Lower	Upper
94	100		
96	96.3	76.0	114.0

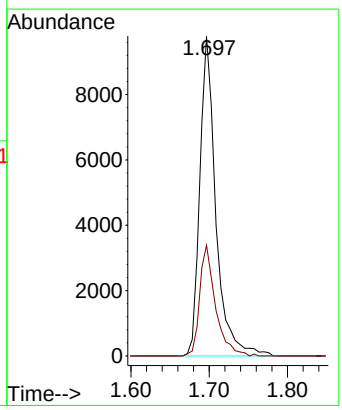


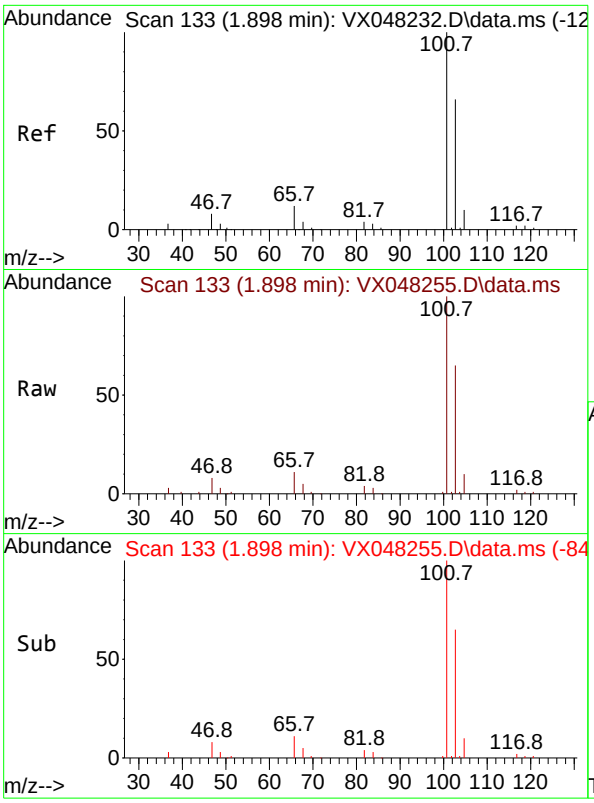


#6
Chloroethane
Concen: 18.884 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 64 Resp: 13922

Ion	Ratio	Lower	Upper
64	100		
66	34.6	23.9	35.9



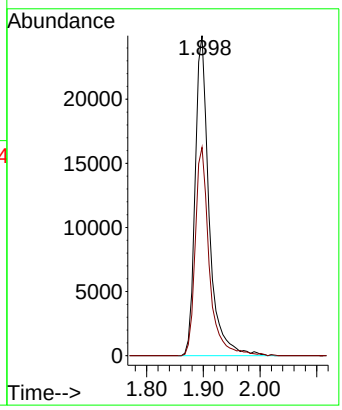


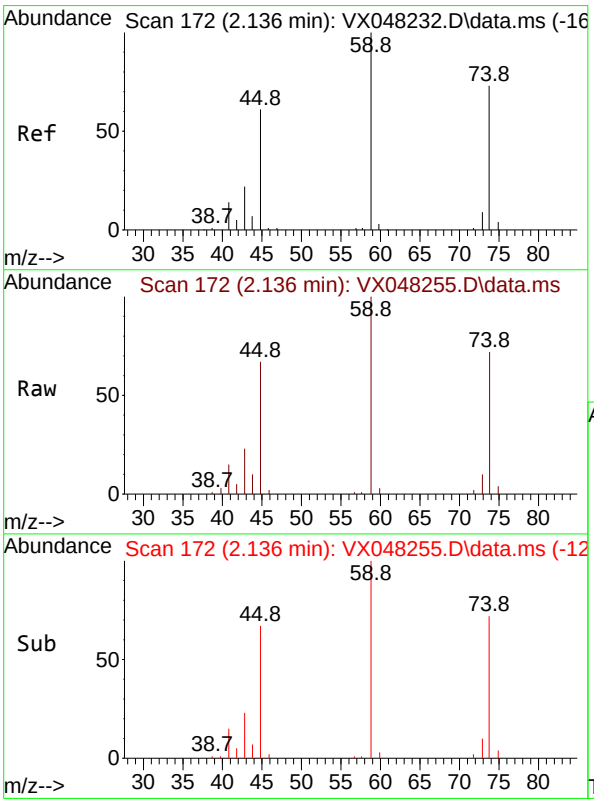
#7
Trichlorofluoromethane
Concen: 17.702 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:101 Resp: 42595

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.6	77.4

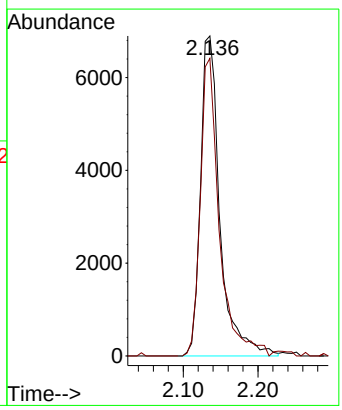


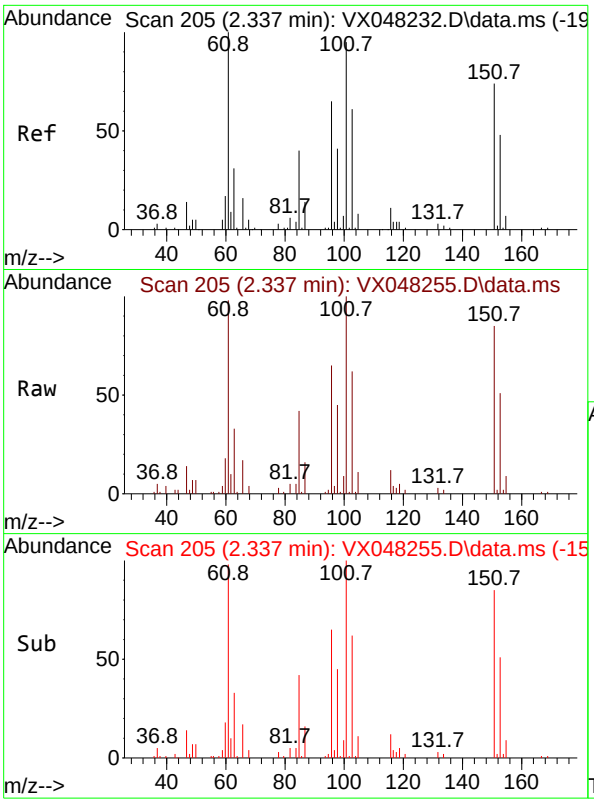


#8
Diethyl Ether
Concen: 18.418 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 74 Resp: 12470

Ion	Ratio	Lower	Upper
74	100		
45	91.2	50.0	149.8



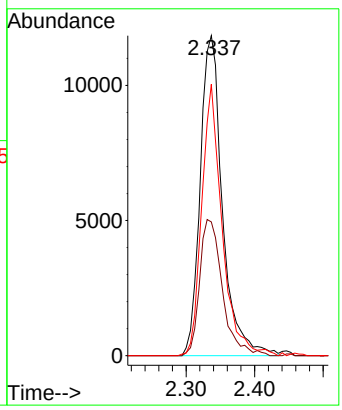


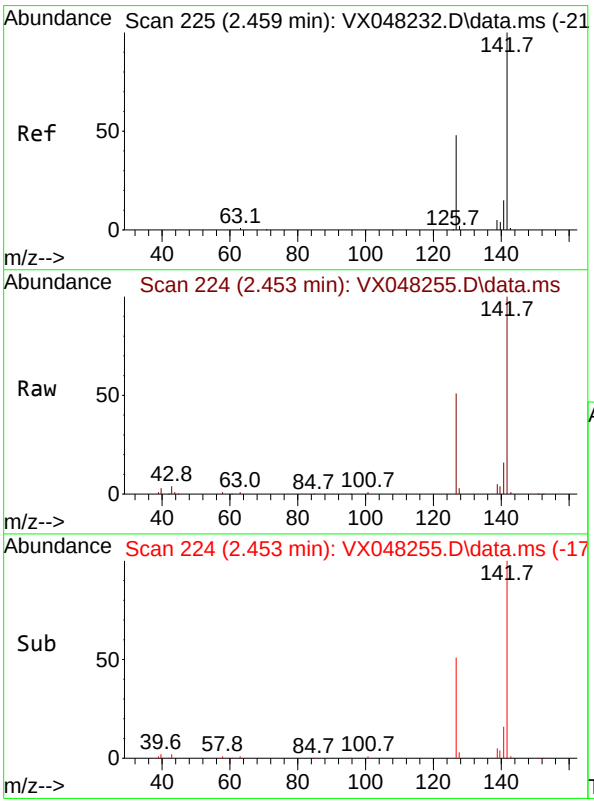
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.555 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:101 Resp: 26749

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.6	53.4
151	77.6	58.0	87.0

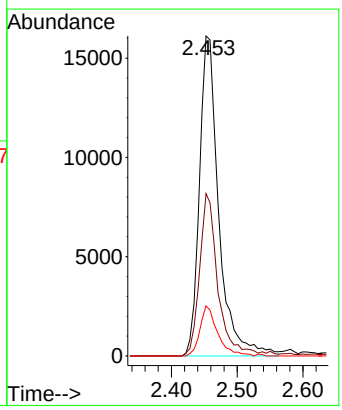


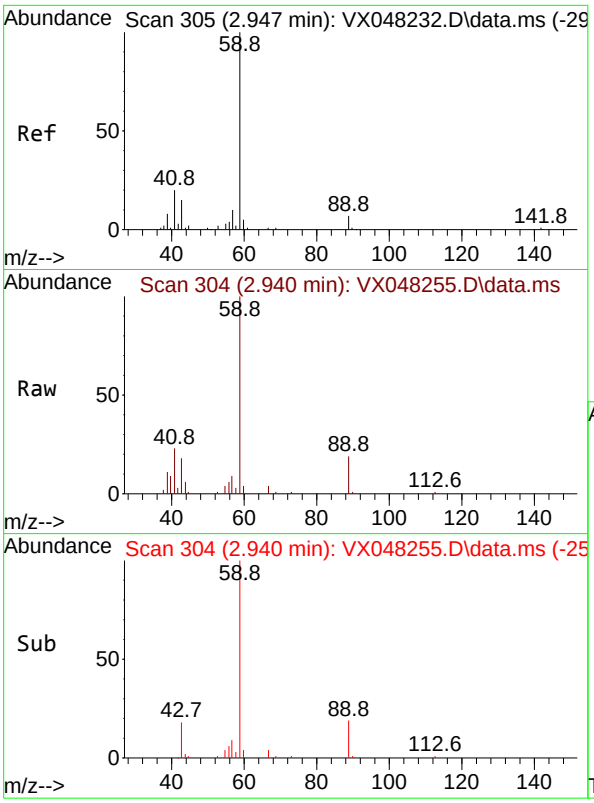


#10
Methyl Iodide
Concen: 17.207 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:142 Resp: 32960

Ion	Ratio	Lower	Upper
142	100		
127	48.3	38.5	57.7
141	14.3	11.6	17.4



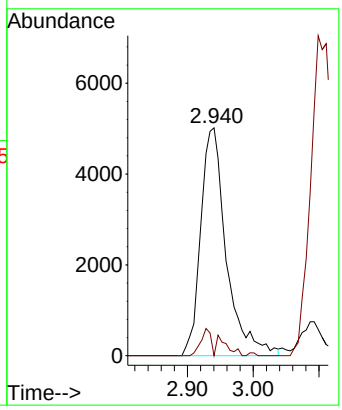


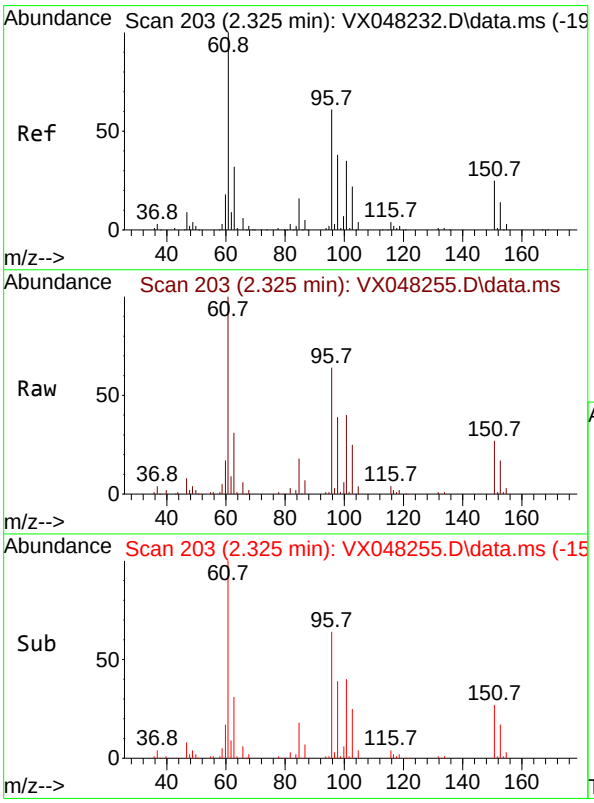
#11
Tert butyl alcohol
Concen: 69.088 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 59 Resp: 13580

Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.2	12.4#

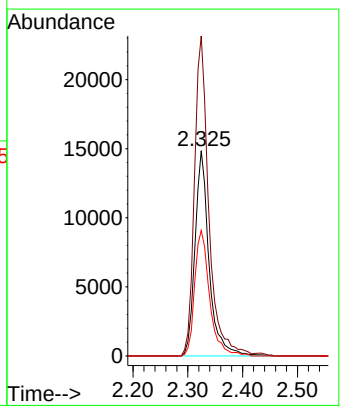


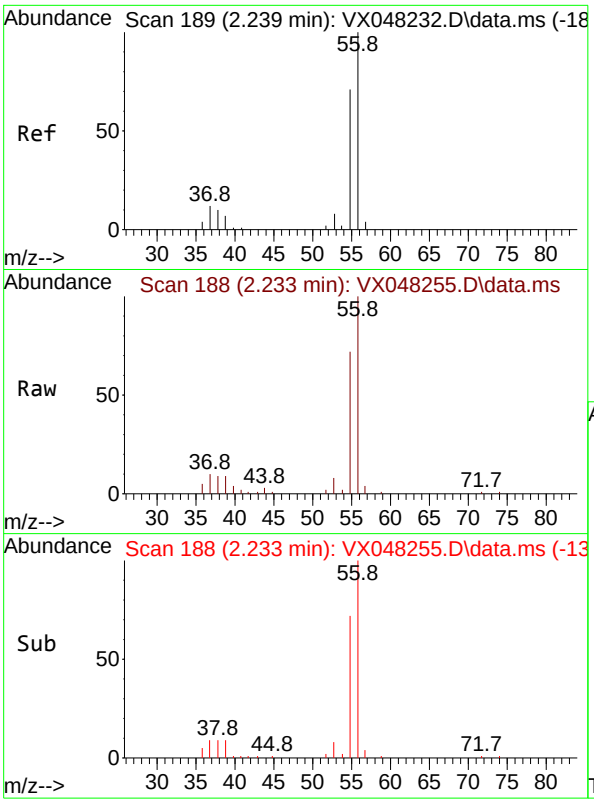


#12
1,1-Dichloroethene
Concen: 17.997 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 96 Resp: 26679

Ion	Ratio	Lower	Upper
96	100		
61	155.9	139.0	208.6
98	61.1	52.4	78.6



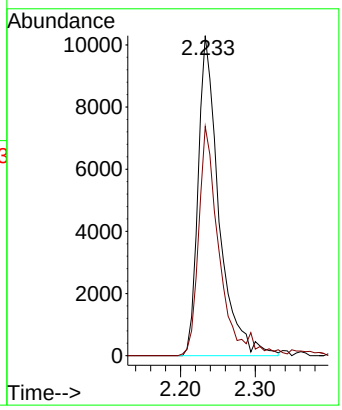


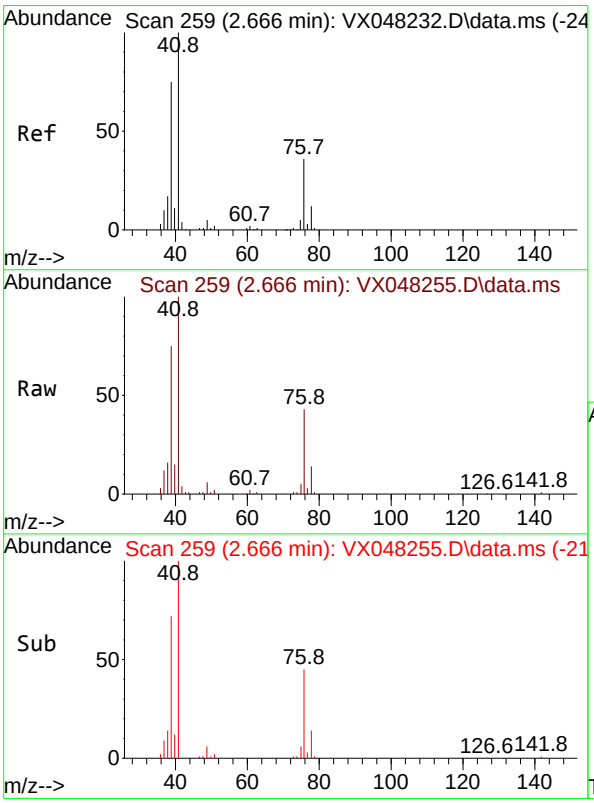
#13
Acrolein
Concen: 99.067 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 56 Resp: 19860

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1

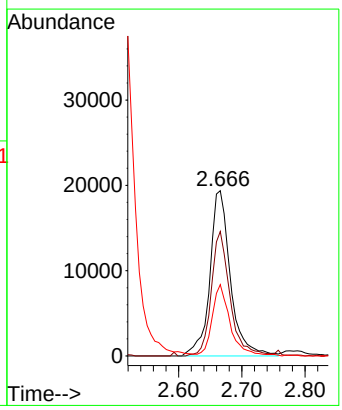


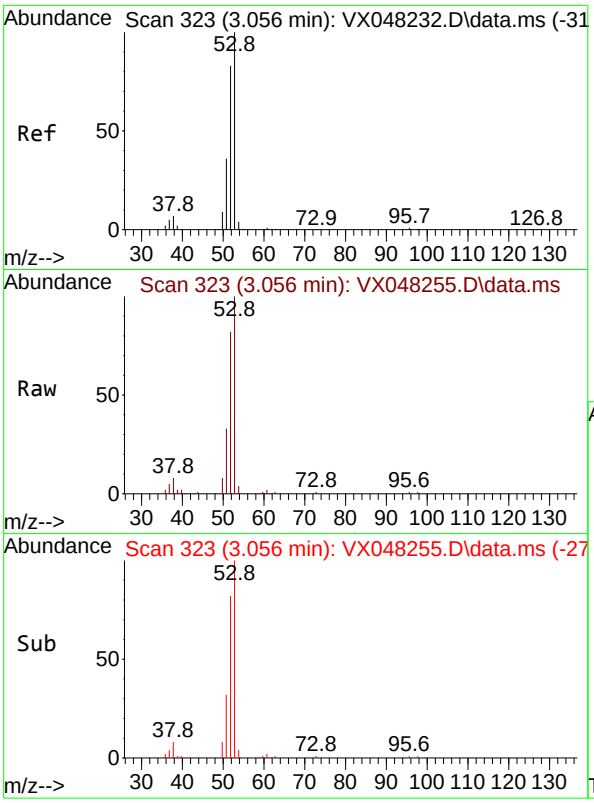


#14
Allyl chloride
Concen: 17.844 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 41 Resp: 43917

Ion	Ratio	Lower	Upper
41	100		
39	68.3	56.0	84.0
76	37.7	27.5	41.3



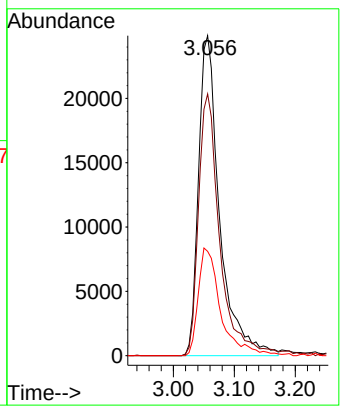


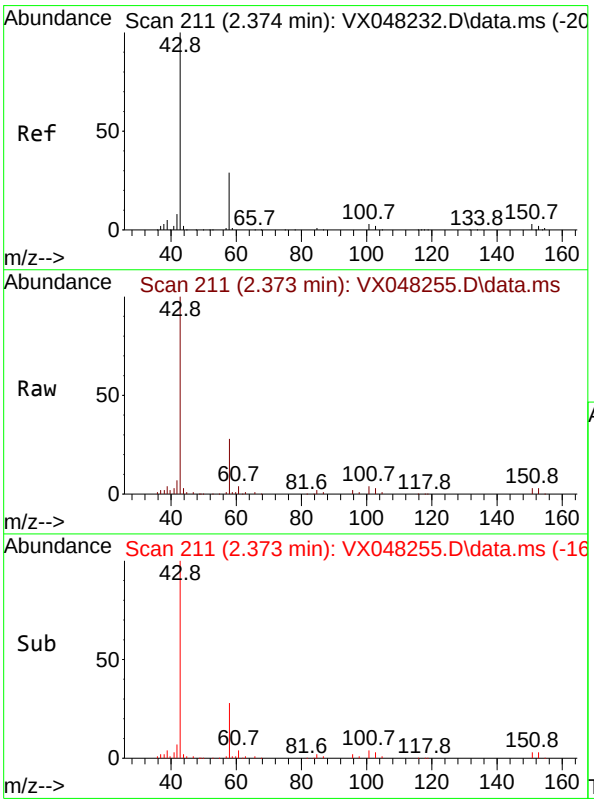
#15
Acrylonitrile
Concen: 84.532 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 53 Resp: 59914

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	36.0	29.0	43.4

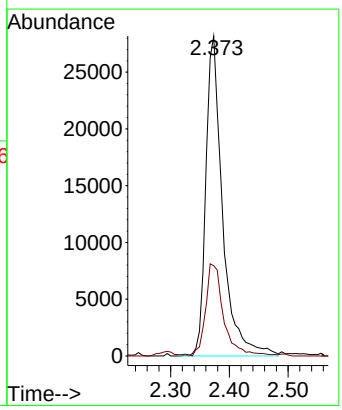


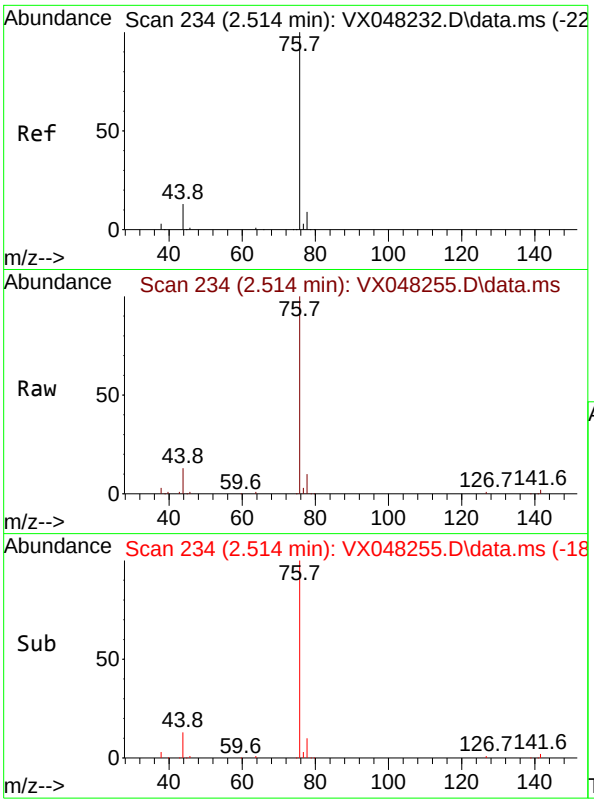


#16
Acetone
Concen: 82.307 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 55899

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.4	35.2



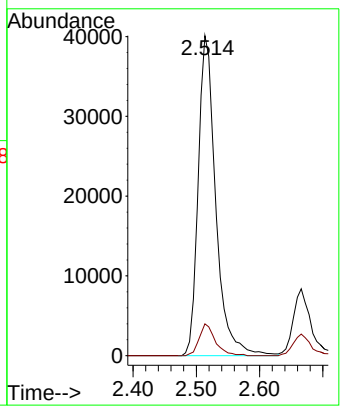


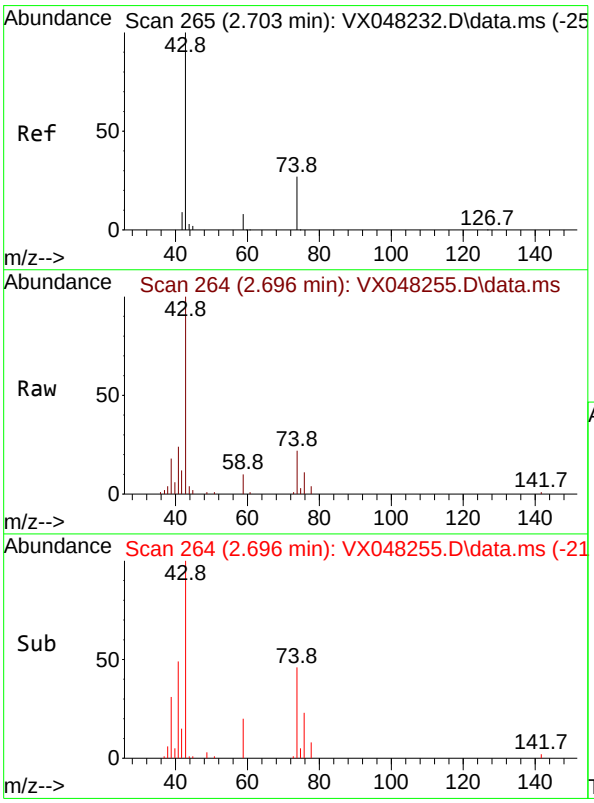
#17
Carbon Disulfide
Concen: 16.623 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 76 Resp: 77662

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

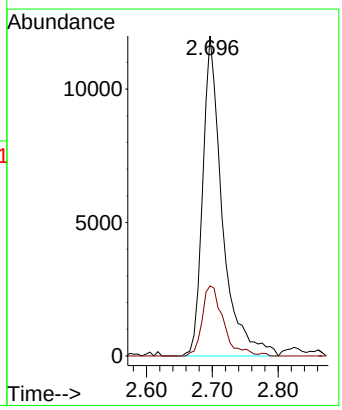


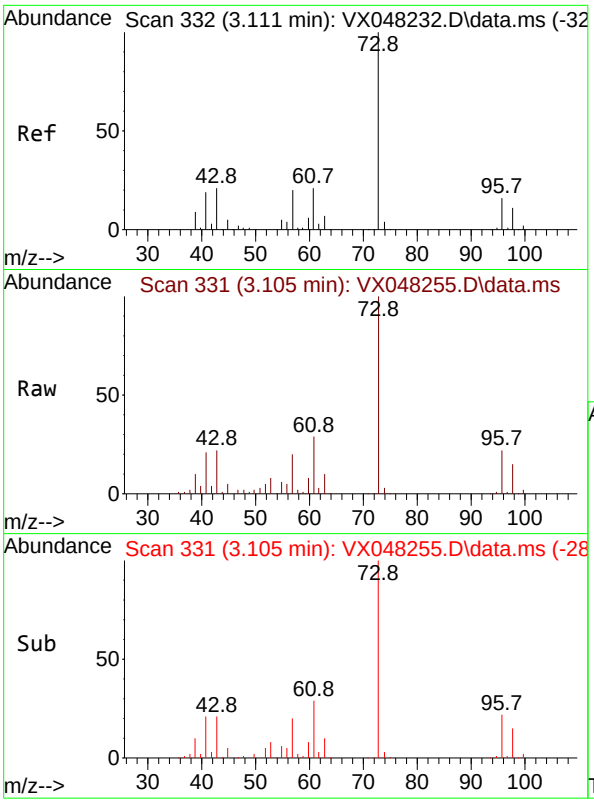


#18
Methyl Acetate
Concen: 17.503 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 24826

Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.5	26.3



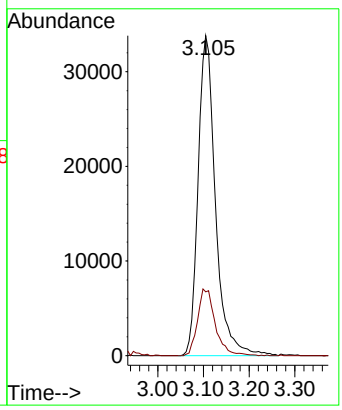


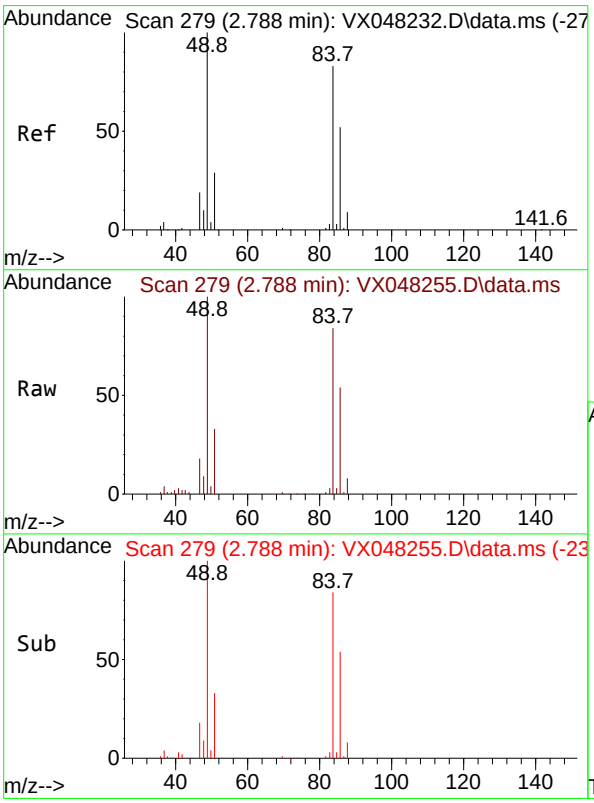
#19
Methyl tert-butyl Ether
Concen: 17.640 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 73 Resp: 89211

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.7	26.5

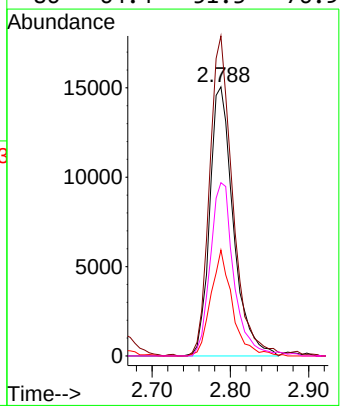


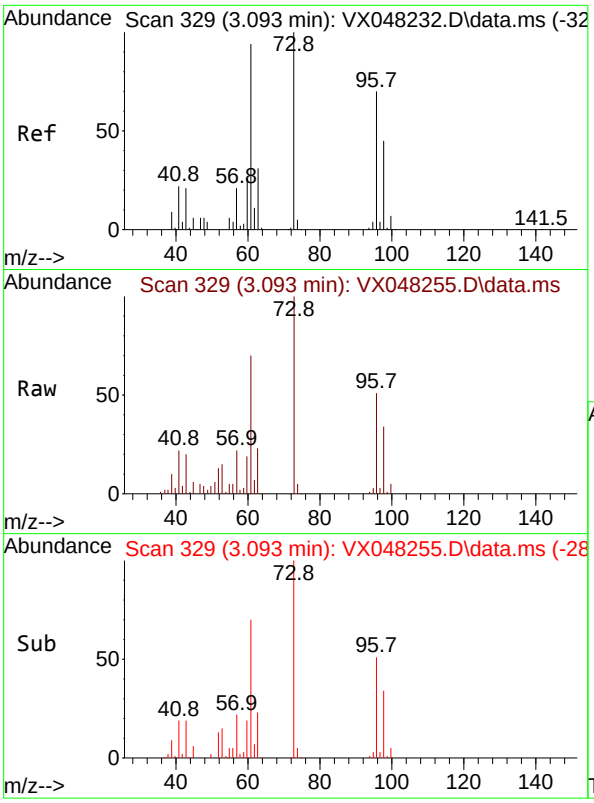


#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 84 Resp: 31545

Ion	Ratio	Lower	Upper
84	100		
49	118.9	104.1	156.1
51	39.3	31.3	46.9
86	64.4	51.3	76.9



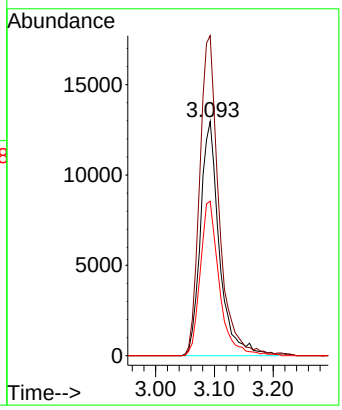


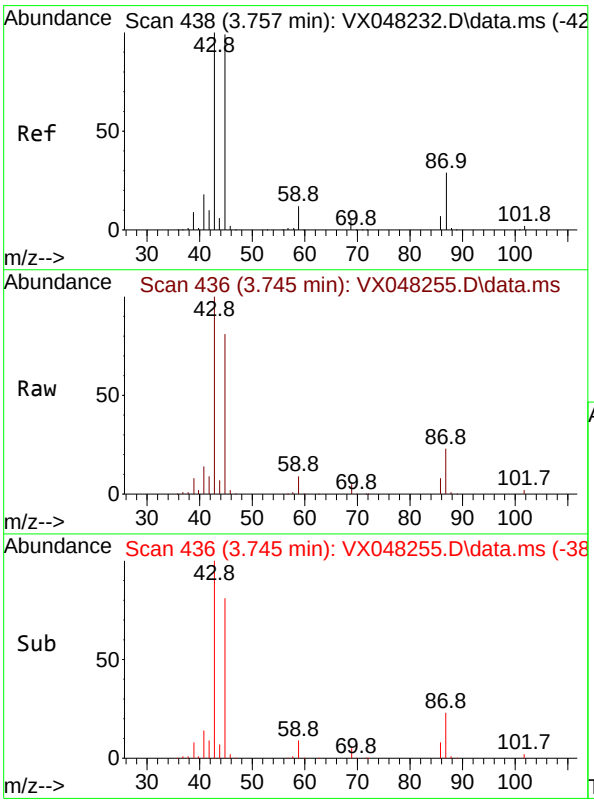
#21
trans-1,2-Dichloroethene
Concen: 17.892 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 96 Resp: 29134

Ion	Ratio	Lower	Upper
96	100		
61	136.6	111.9	167.9
98	66.0	51.2	76.8

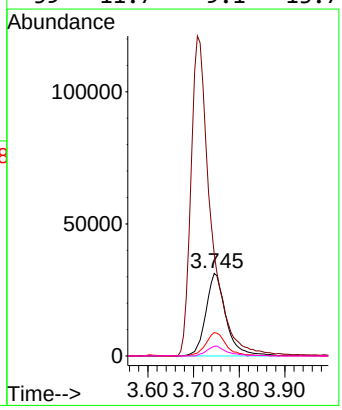


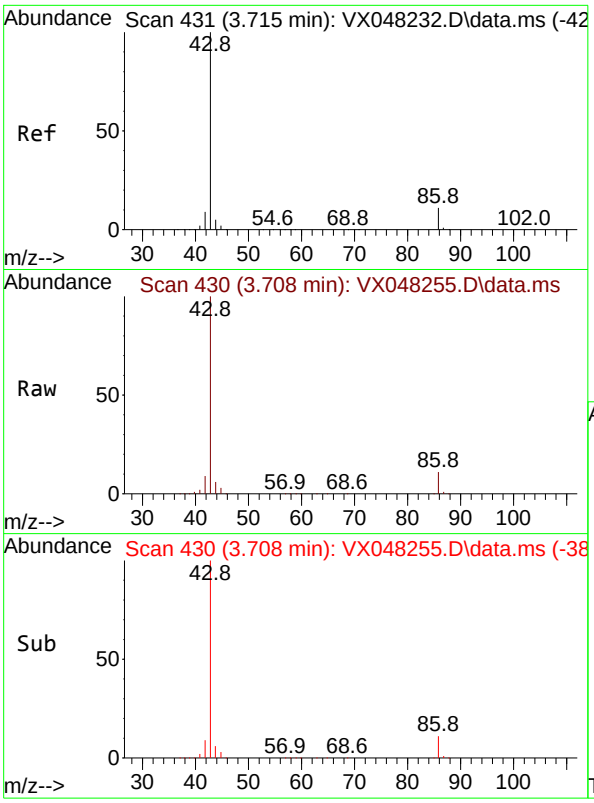


#22
Diisopropyl ether
Concen: 19.476 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 45 Resp: 95604

Ion	Ratio	Lower	Upper
45	100		
43	123.5	89.8	134.8
87	28.3	20.6	31.0
59	11.7	9.1	13.7



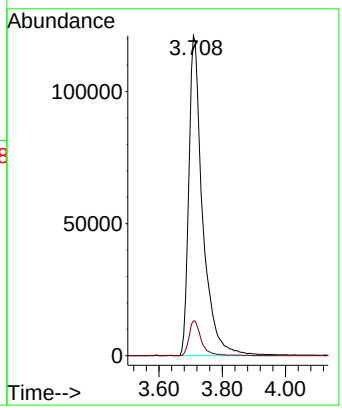


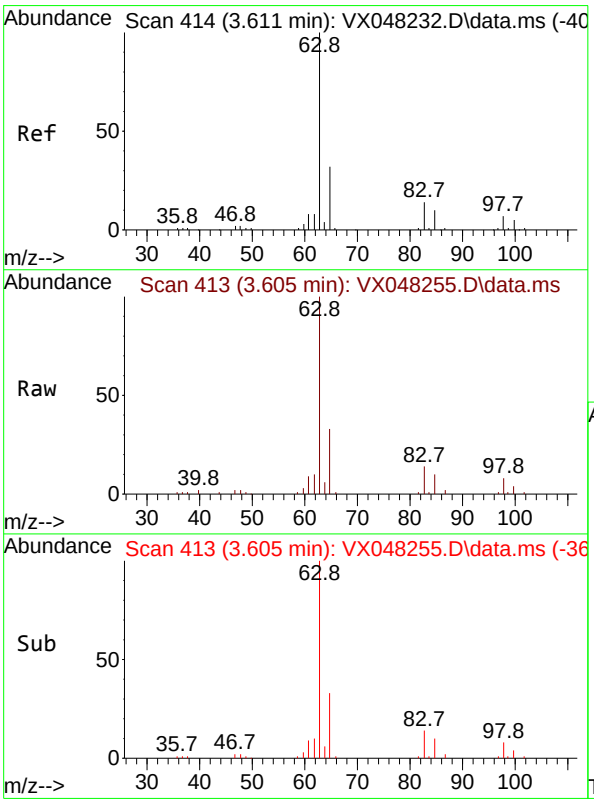
#23
Vinyl Acetate
Concen: 93.748 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 367608

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.9	11.9

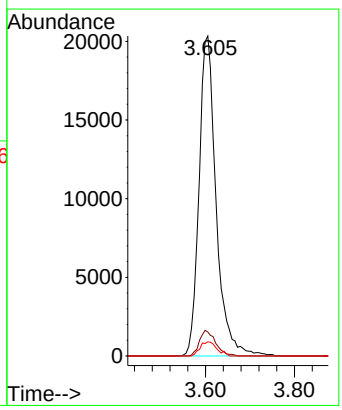


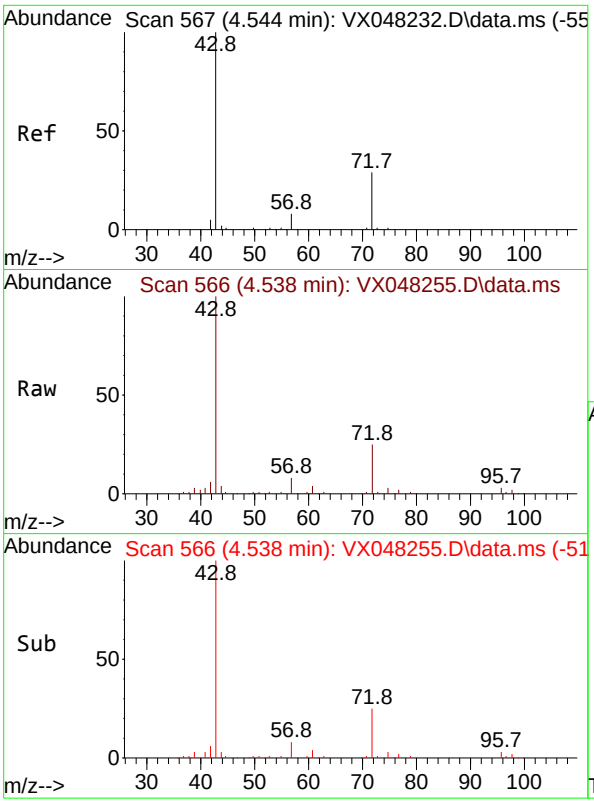


#24
1,1-Dichloroethane
Concen: 18.382 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 54562

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.5	10.6
100	4.4	2.1	6.3



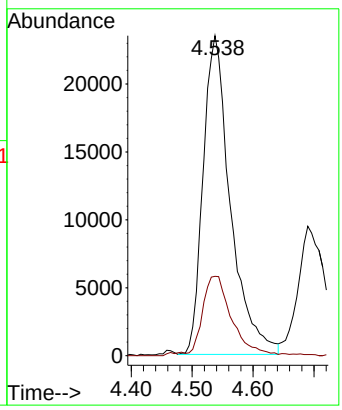


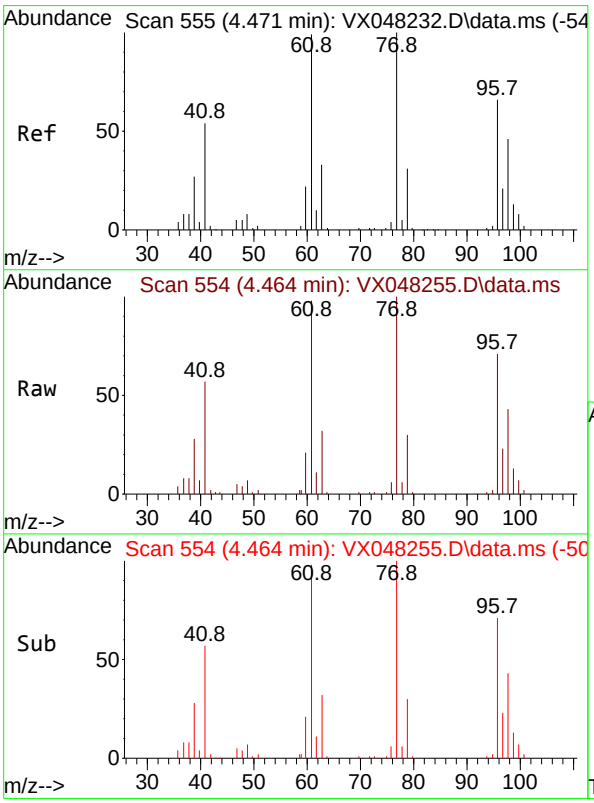
#25
2-Butanone
Concen: 85.214 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 73253

Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.9	29.9

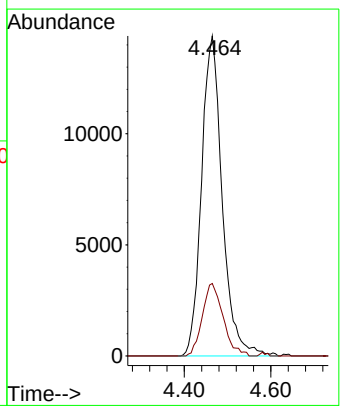


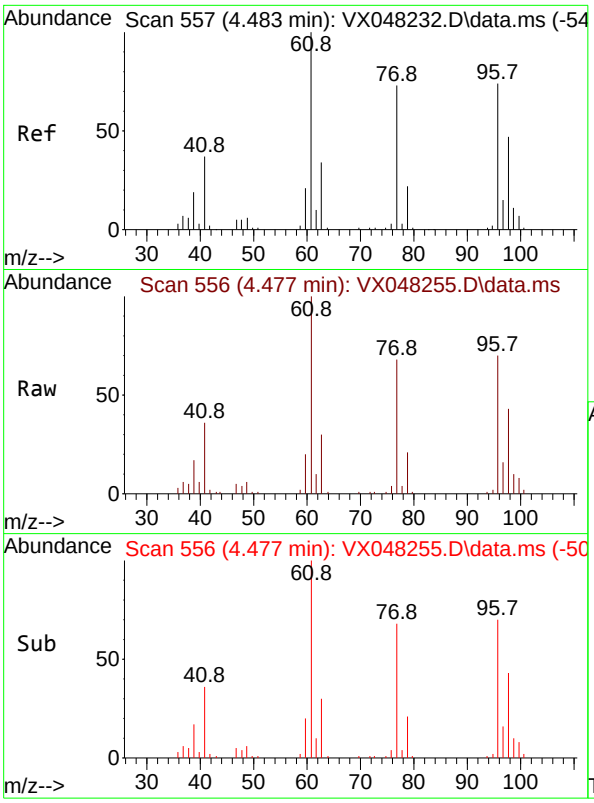


#26
2,2-Dichloropropane
Concen: 17.854 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 77 Resp: 47833

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.1	33.3



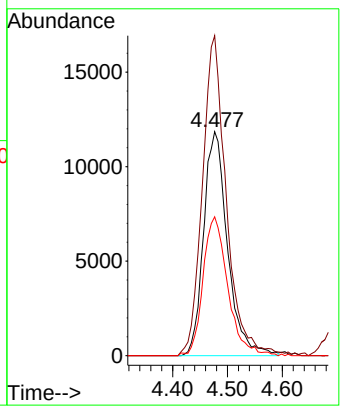


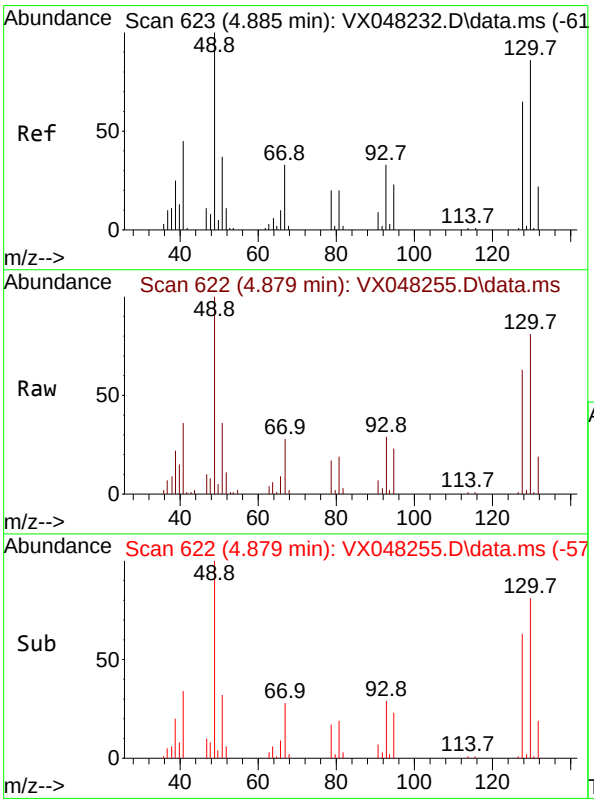
#27
cis-1,2-Dichloroethene
Concen: 18.906 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 96 Resp: 35928

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	294.2
98	64.0	0.0	128.4

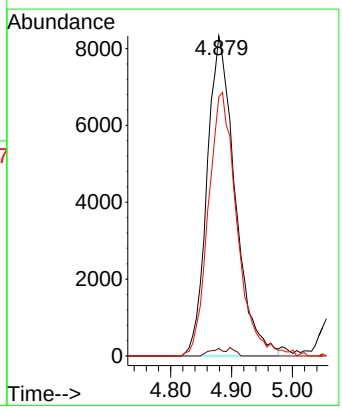


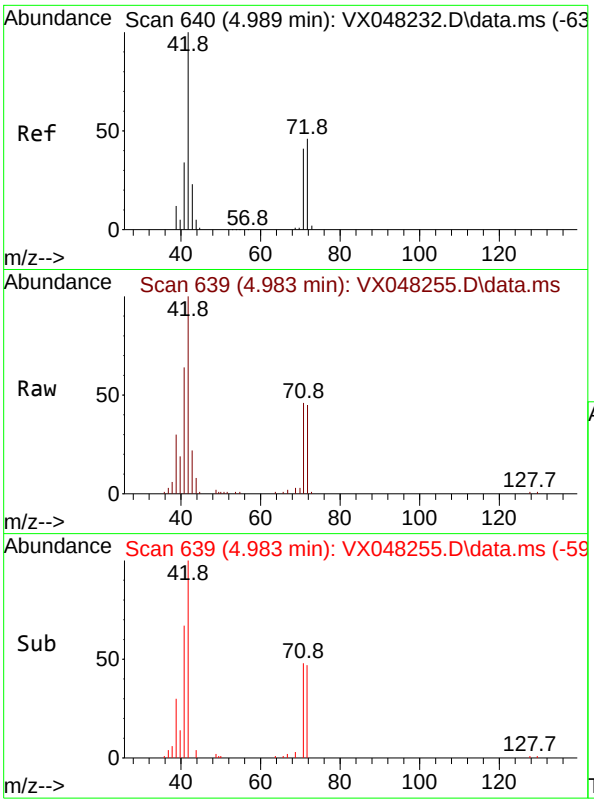


#28
Bromochloromethane
Concen: 21.558 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 49 Resp: 26532

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	84.6	59.3	88.9



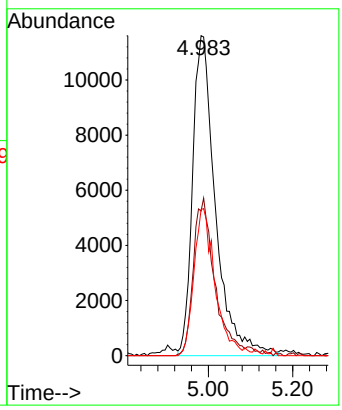


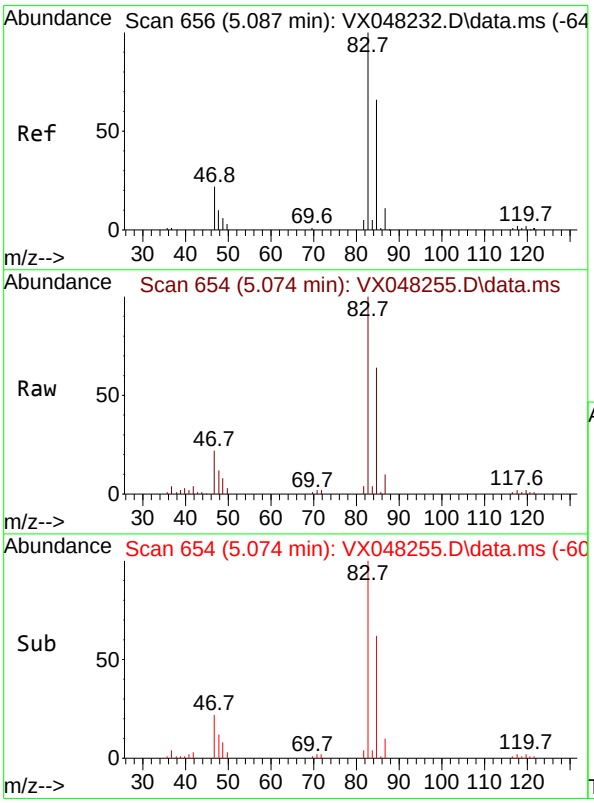
#29
Tetrahydrofuran
Concen: 85.433 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 42 Resp: 43984

Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.3	52.9
71	42.9	32.2	48.4

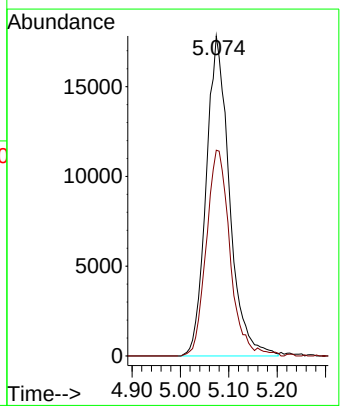


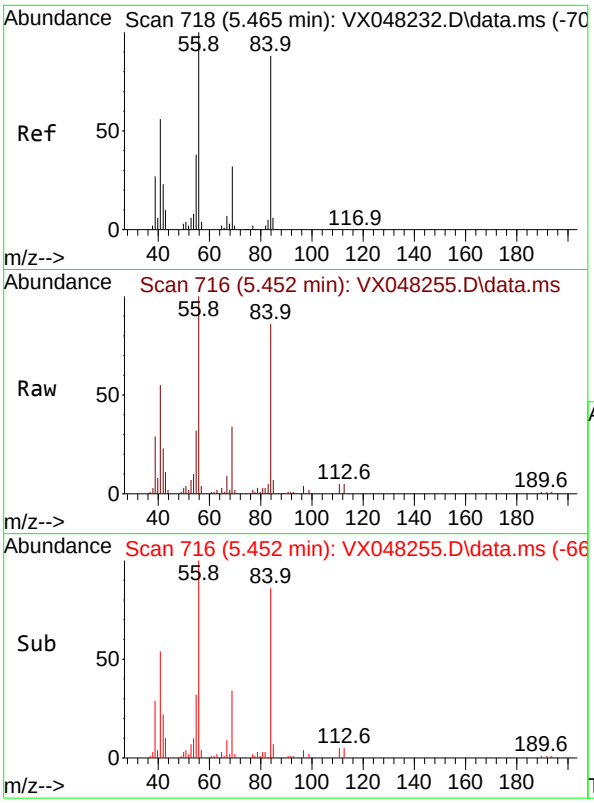


#30
Chloroform
Concen: 18.803 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 83 Resp: 59628

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1



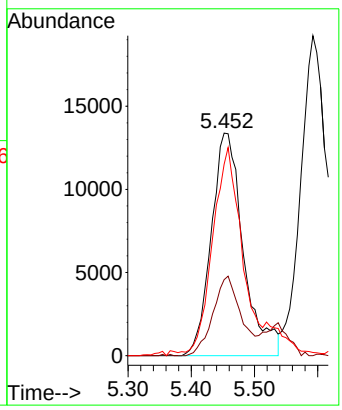


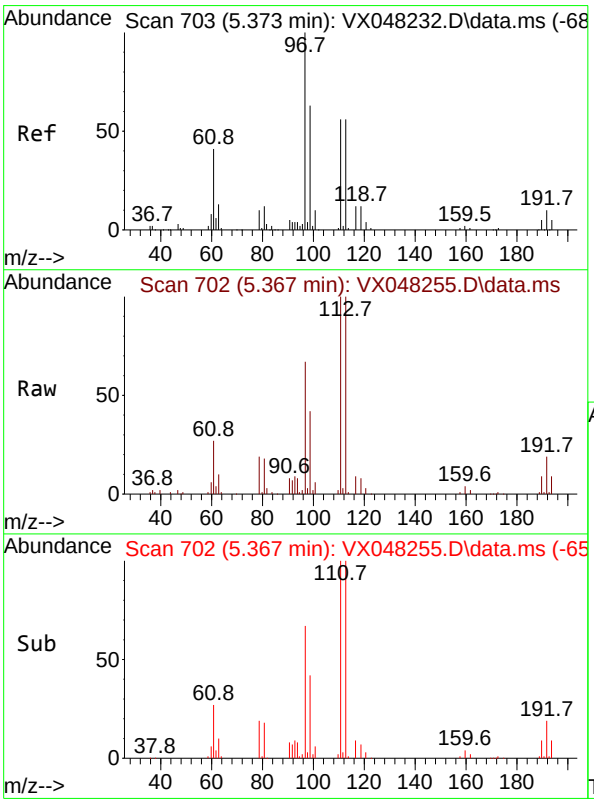
#31
Cyclohexane
Concen: 19.171 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 56 Resp: 47112

Ion	Ratio	Lower	Upper
56	100		
69	34.2	23.0	34.6
84	84.6	64.6	97.0

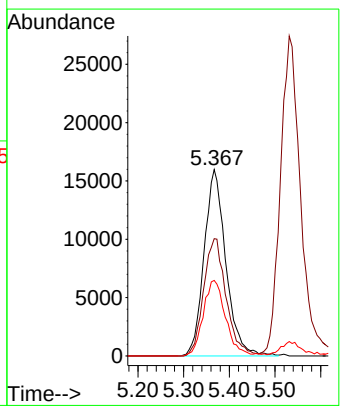


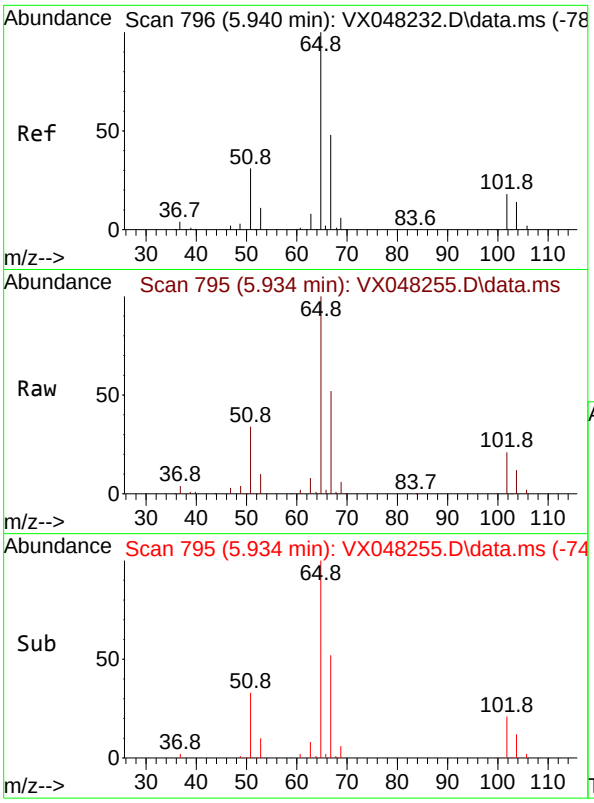


#32
1,1,1-Trichloroethane
Concen: 18.082 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 97 Resp: 52848

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	41.4	34.8	52.2



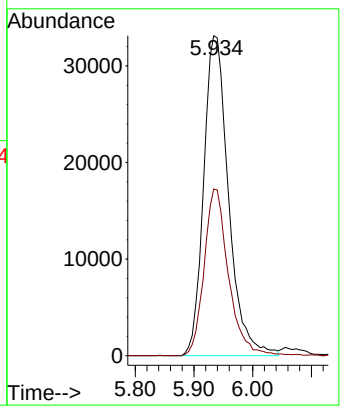


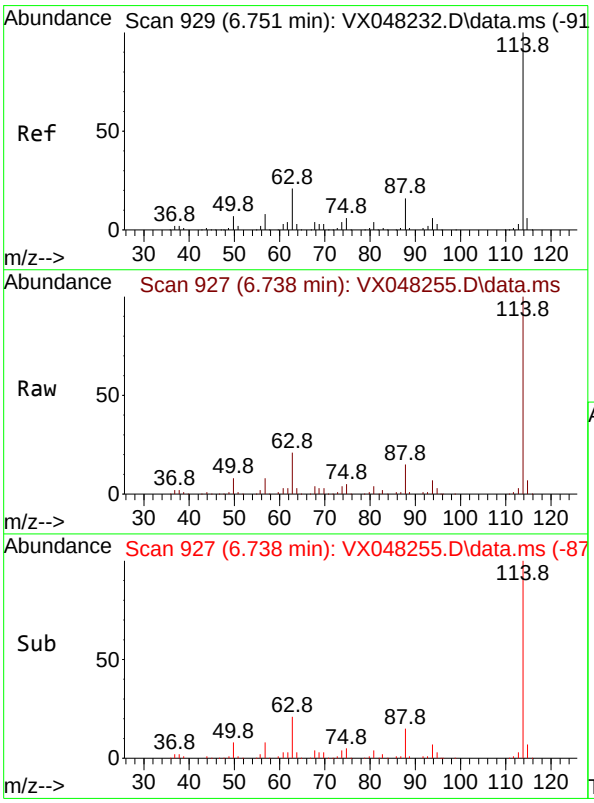
#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 65 Resp: 97363

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.0

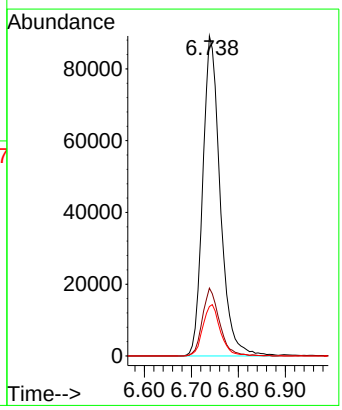


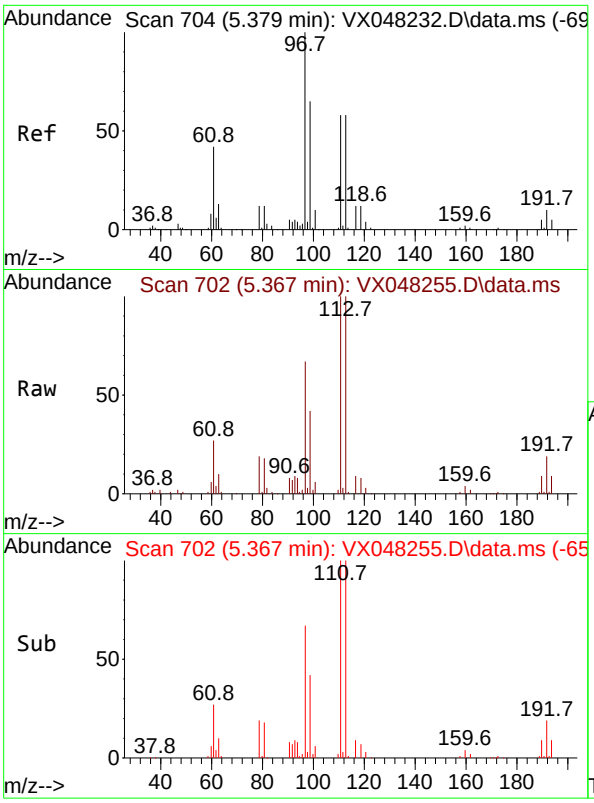


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:114 Resp: 230109

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	15.5	0.0	33.6



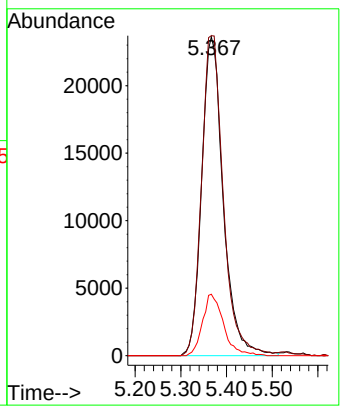


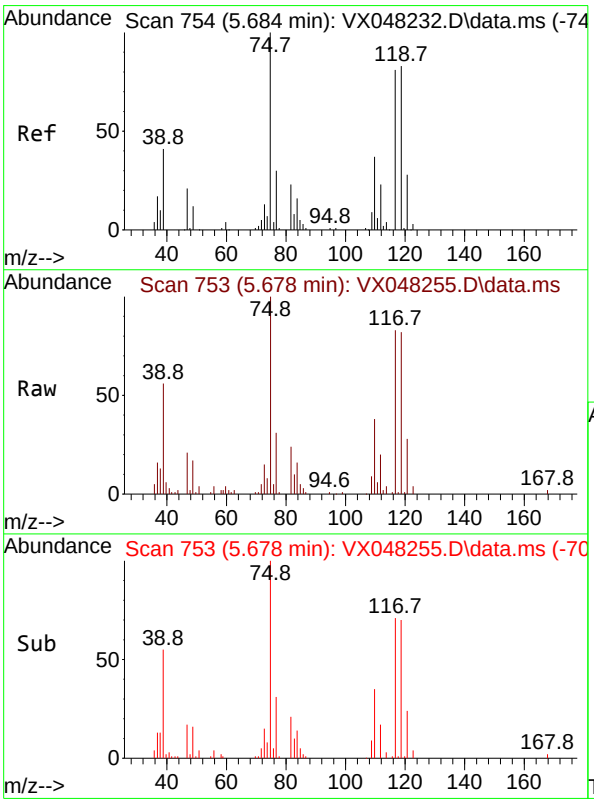
#35
Dibromofluoromethane
Concen: 49.256 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:113 Resp: 77378

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	18.9	15.1	22.7

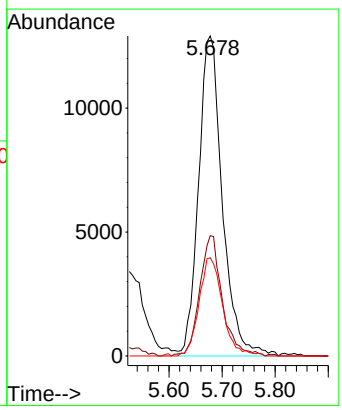


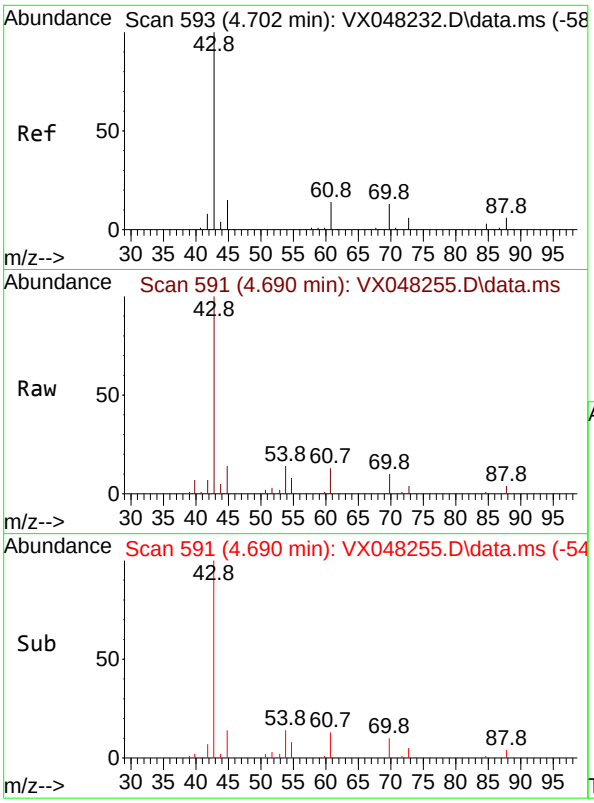


#36
1,1-Dichloropropene
Concen: 18.023 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 40242

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.7	53.1
77	30.3	24.3	36.5



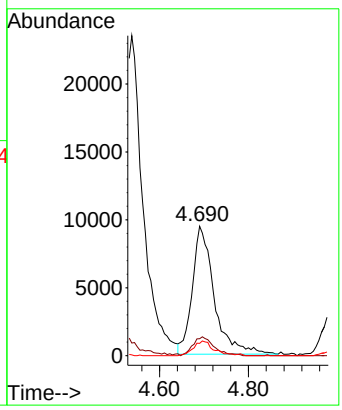


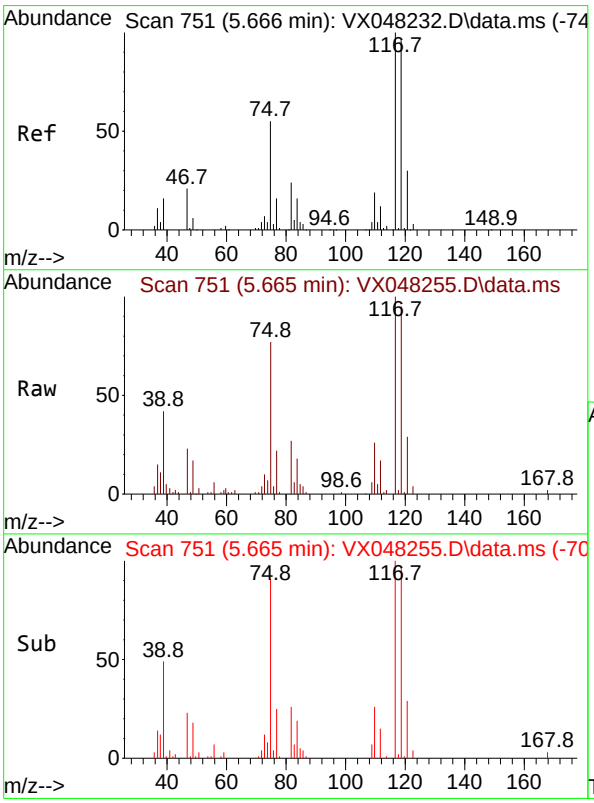
#37
Ethyl Acetate
Concen: 17.426 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 32251

Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	10.5	7.8	11.6

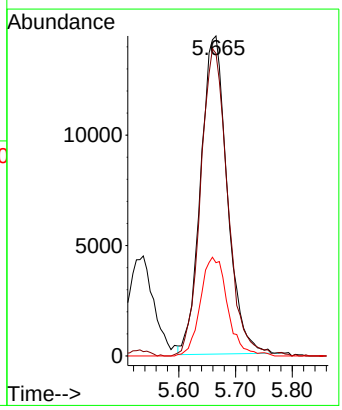


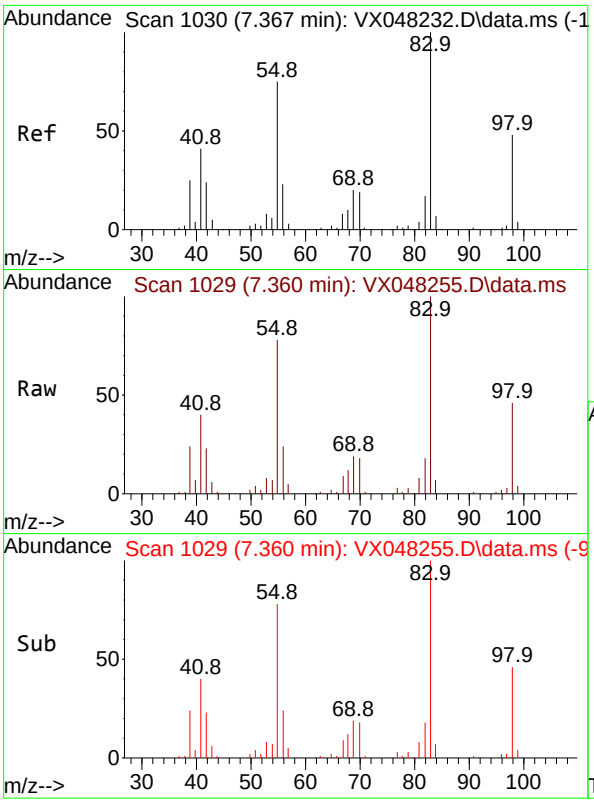


#38
Carbon Tetrachloride
Concen: 17.024 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 46896

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.2	115.8
121	29.4	24.8	37.2



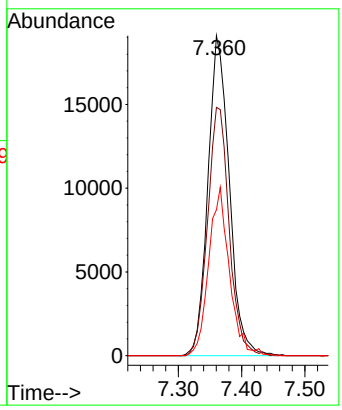


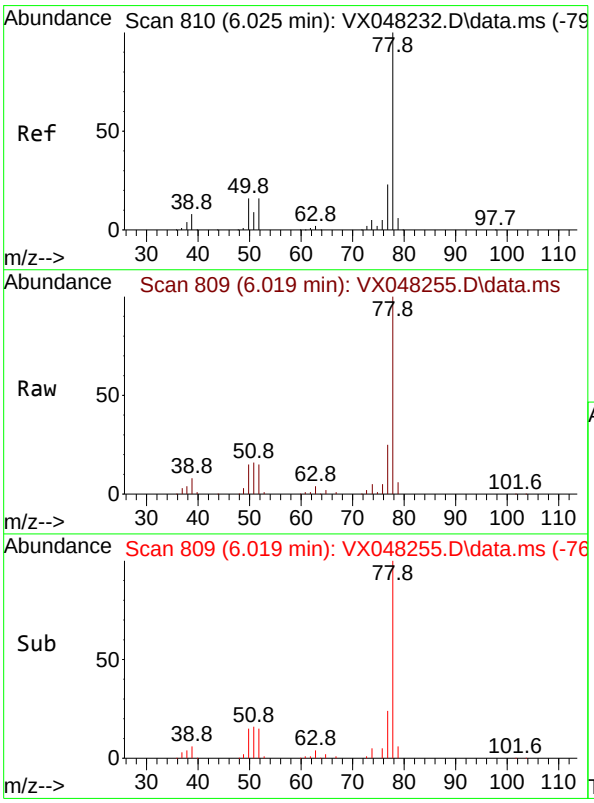
#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 44764

Ion	Ratio	Lower	Upper
83	100		
55	77.6	66.2	99.2
98	45.6	38.9	58.3

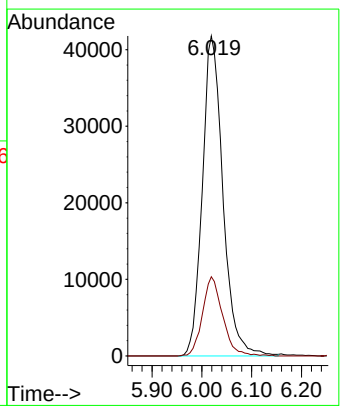


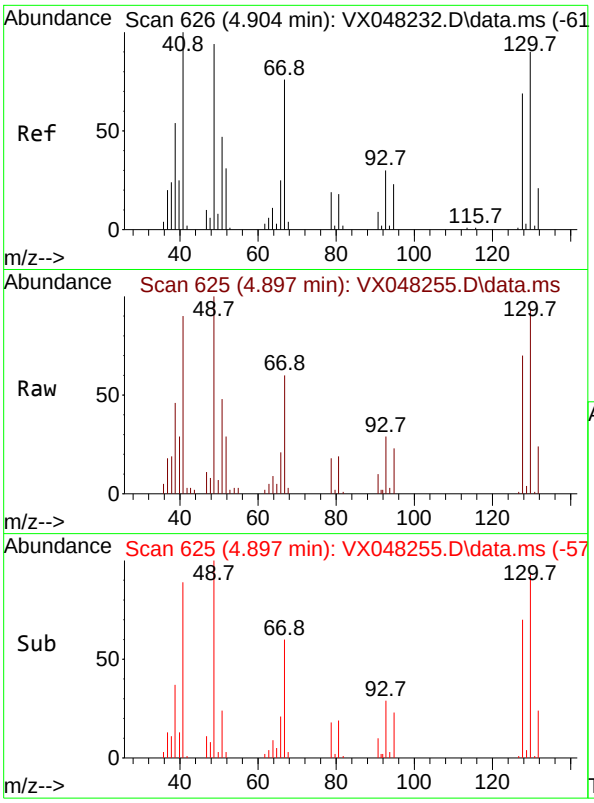


#40
Benzene
Concen: 18.540 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 78 Resp: 120185

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9



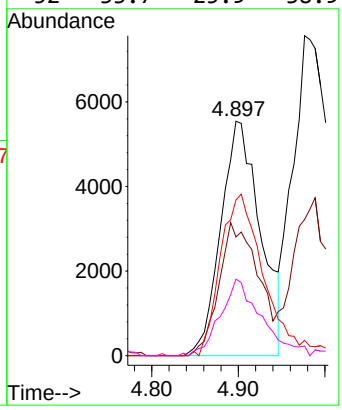


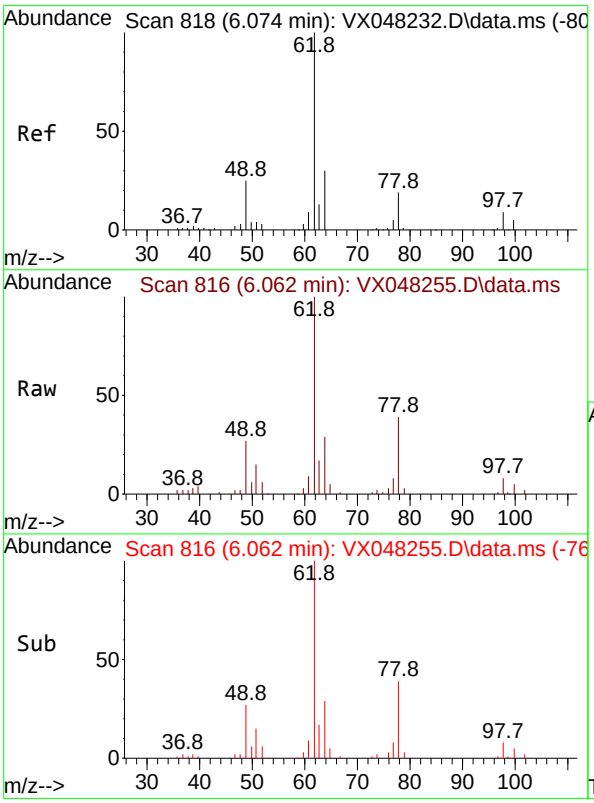
#41
Methacrylonitrile
Concen: 18.099 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 41 Resp: 17591

Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	77.1	58.7	88.1
52	33.7	25.9	38.9

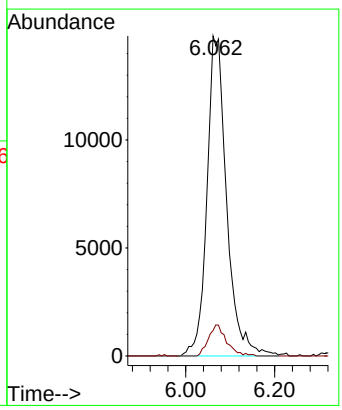


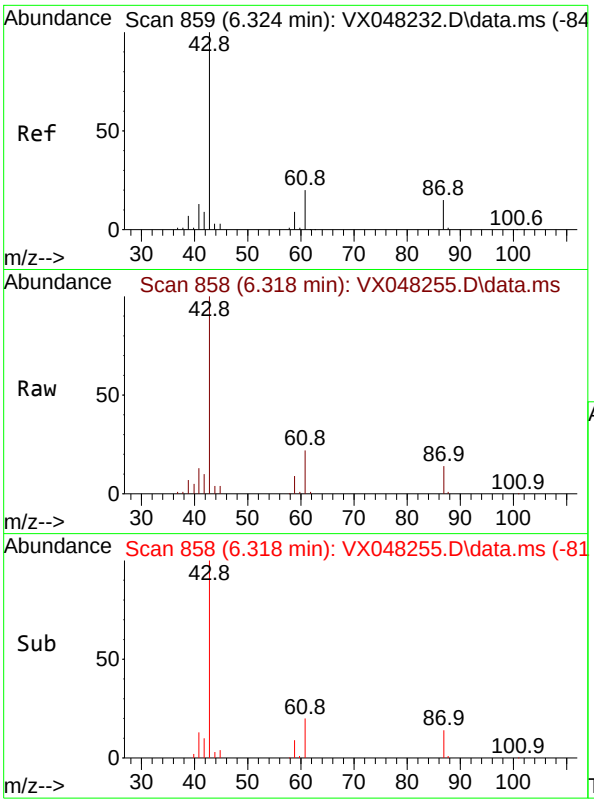


#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 45577

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



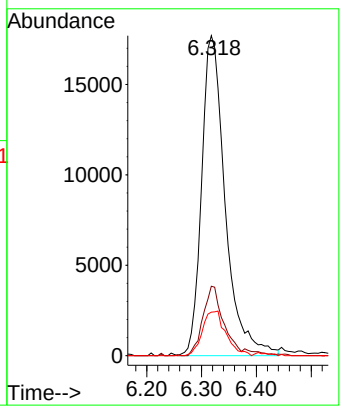


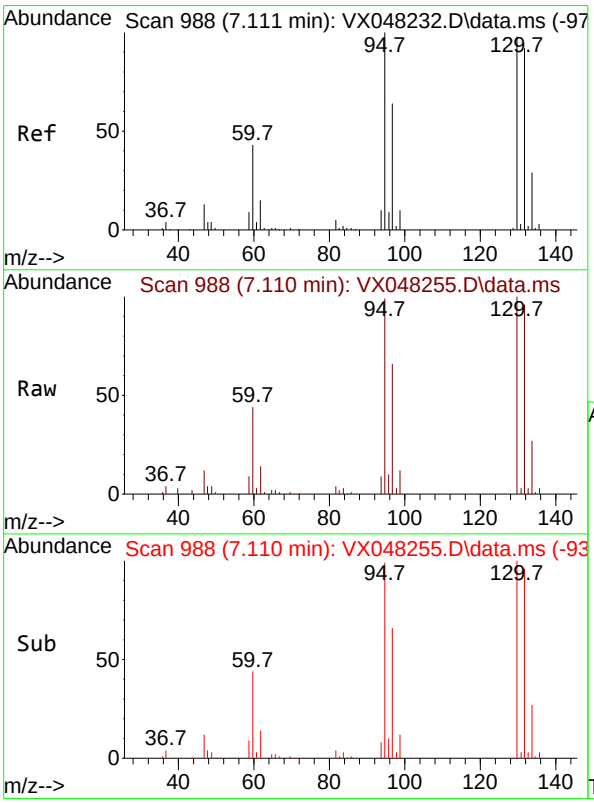
#43
Isopropyl Acetate
Concen: 17.402 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 52903

Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.9	22.3
87	13.8	9.4	14.2

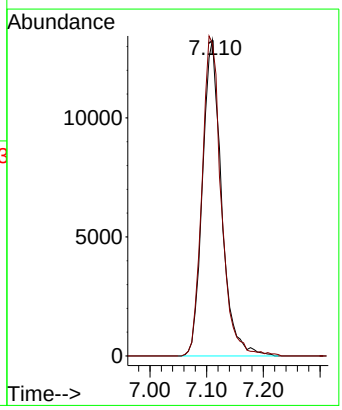


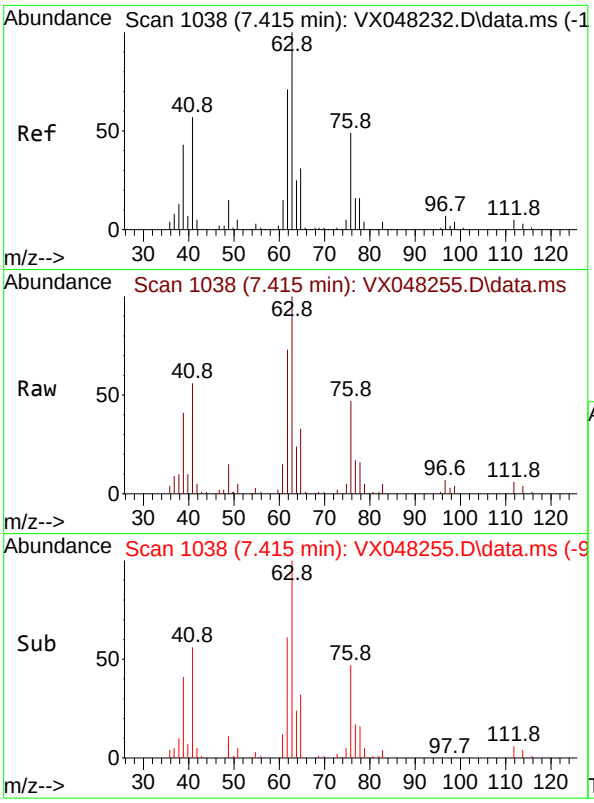


#44
Trichloroethene
Concen: 18.107 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:130 Resp: 30995

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	200.6



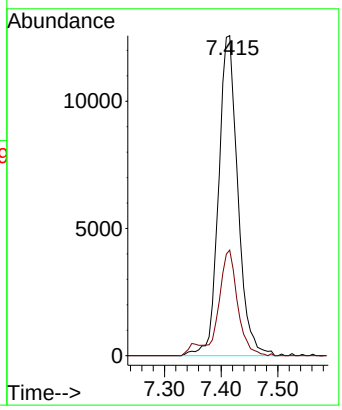


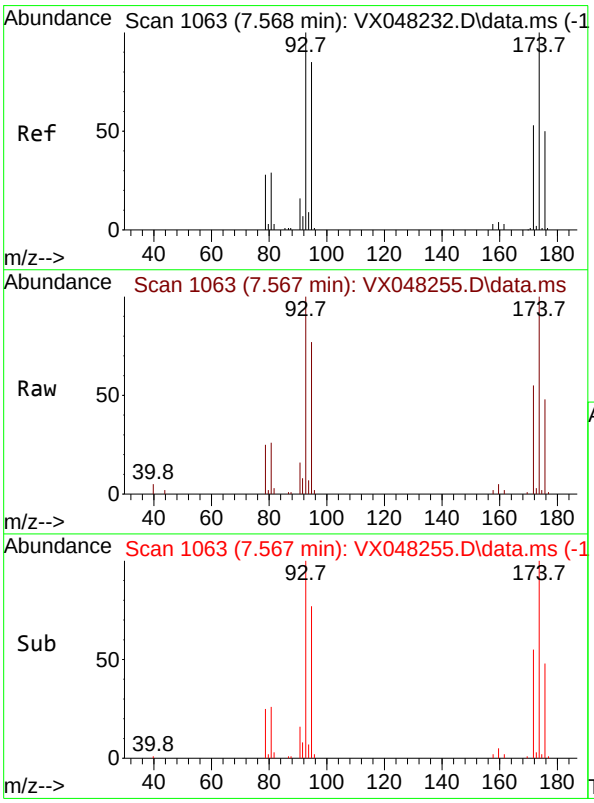
#45
1,2-Dichloropropane
Concen: 19.252 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 63 Resp: 29673

Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.1	36.1

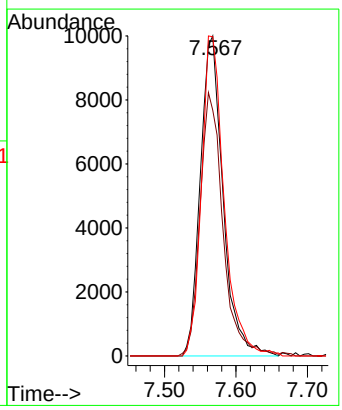


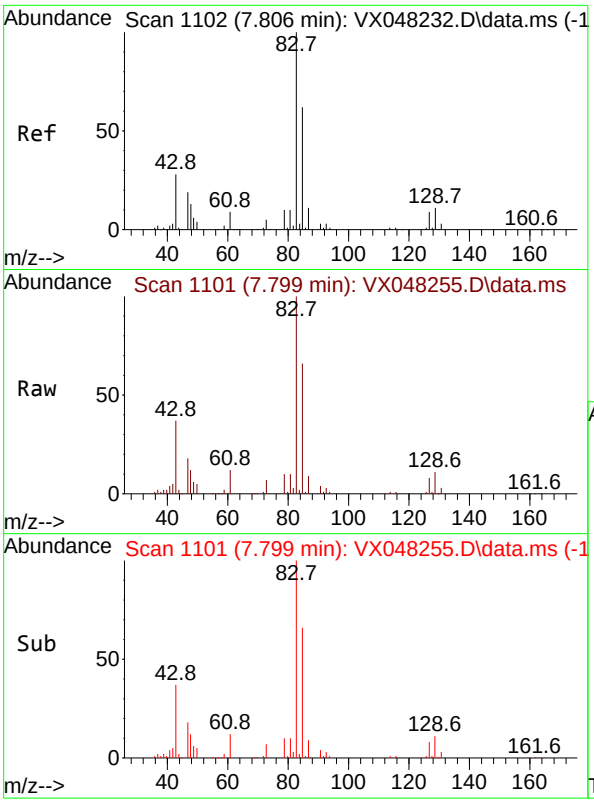


#46
Dibromomethane
Concen: 18.352 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 93 Resp: 22037

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.9	98.9
174	100.0	71.7	107.5



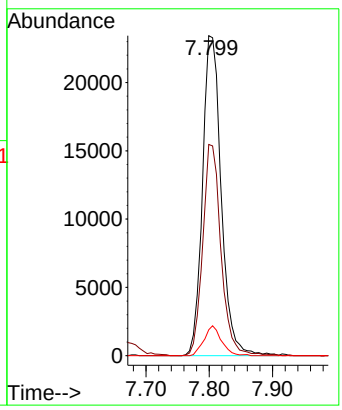


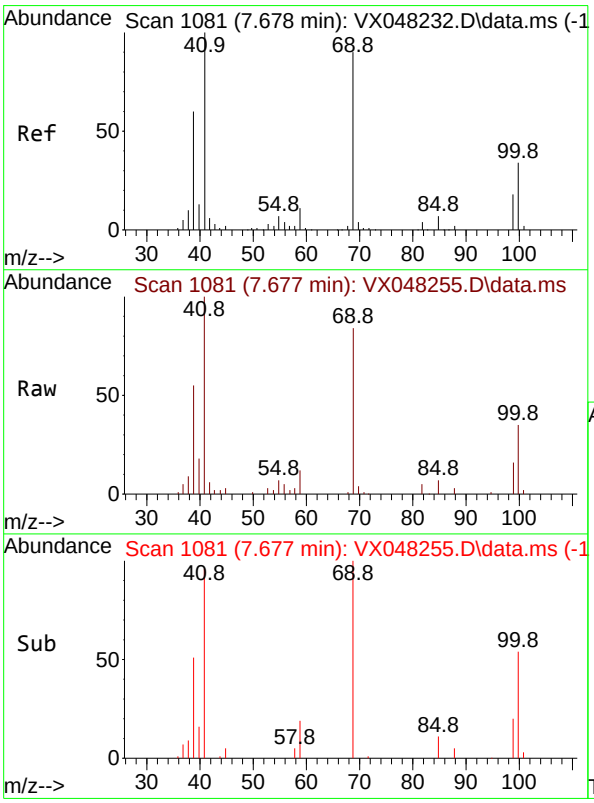
#47
Bromodichloromethane
Concen: 18.606 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 48240

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4
127	8.1	7.3	10.9

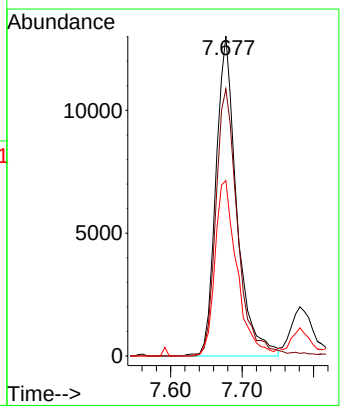


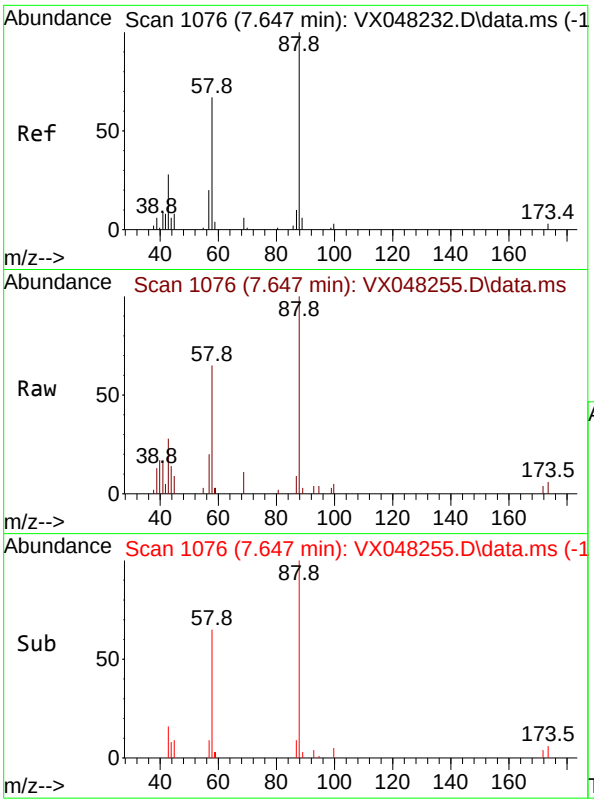


#48
Methyl methacrylate
Concen: 17.158 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 41 Resp: 26320

Ion	Ratio	Lower	Upper
41	100		
69	86.9	63.4	95.0
39	57.9	47.1	70.7



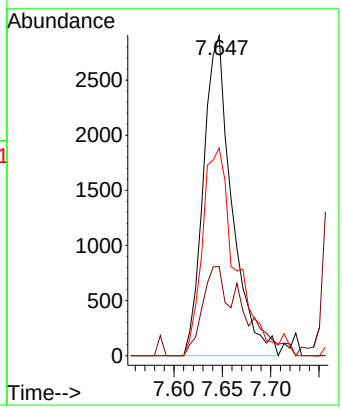


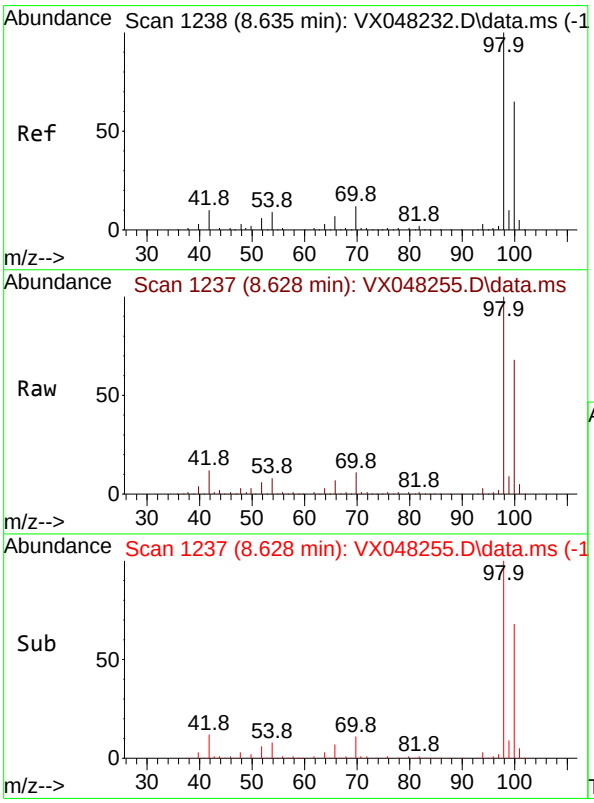
#49
1,4-Dioxane
Concen: 292.405 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 88 Resp: 5926

Ion	Ratio	Lower	Upper
88	100		
43	24.0	35.0	52.4#
58	75.7	61.9	92.9

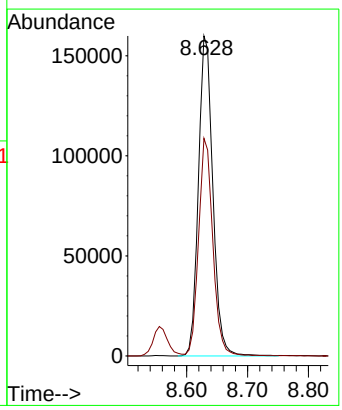


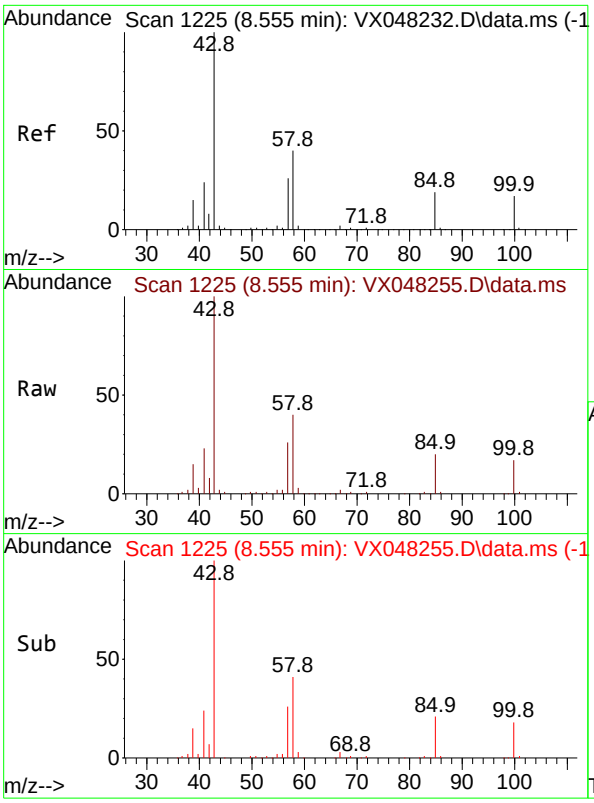


#50
Toluene-d8
Concen: 47.776 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 98 Resp: 263067

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4



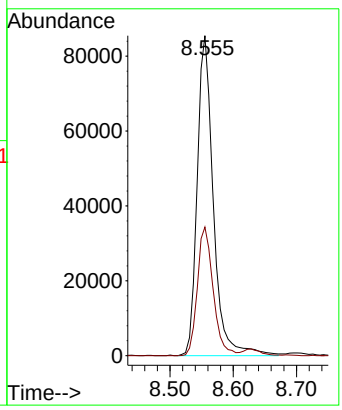


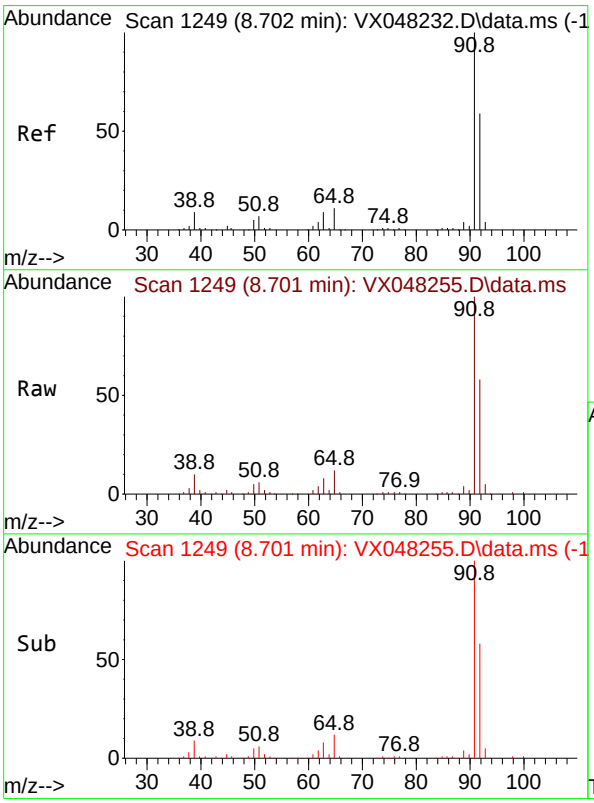
#51
4-Methyl-2-Pentanone
Concen: 86.877 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 152275

Ion	Ratio	Lower	Upper
43	100		
58	39.2	29.5	44.3

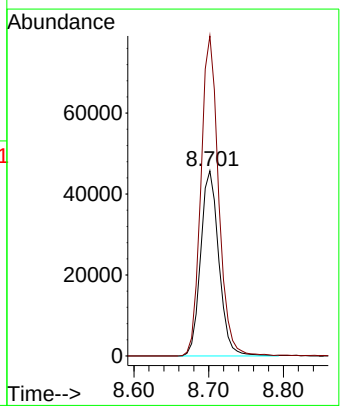


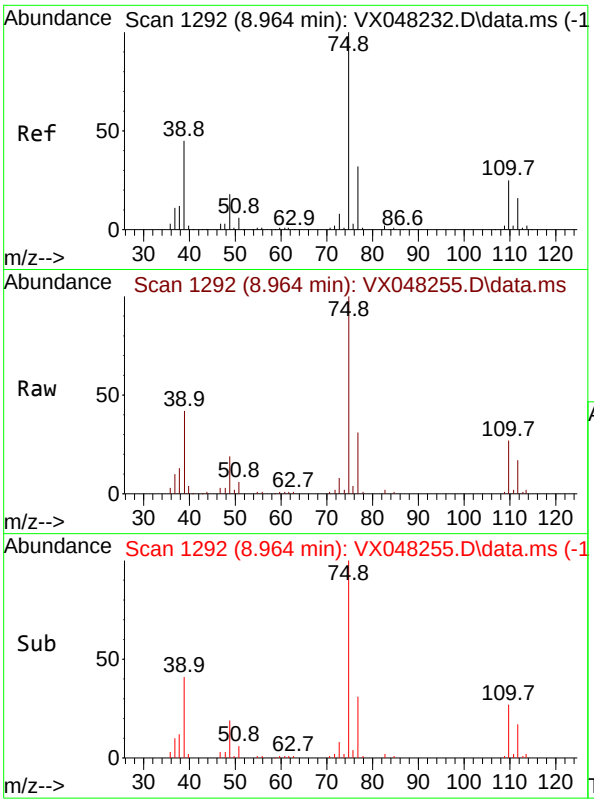


#52
Toluene
Concen: 18.755 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 92 Resp: 77240

Ion	Ratio	Lower	Upper
92	100		
91	168.4	136.1	204.1



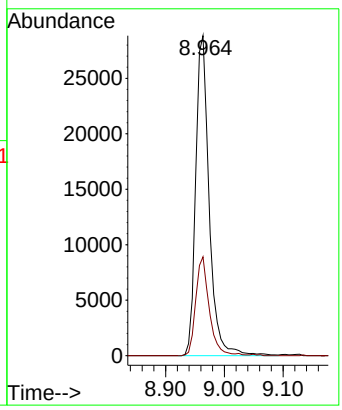


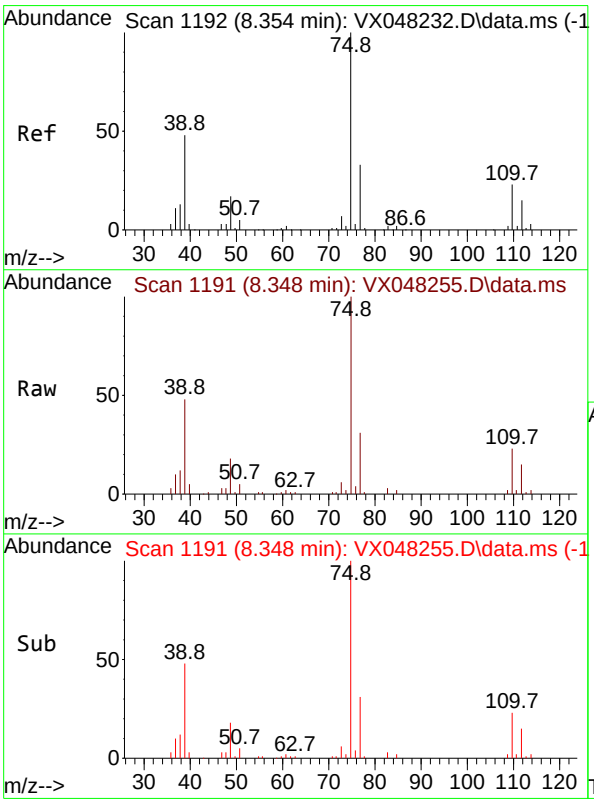
#53
t-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 75 Resp: 46020

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6

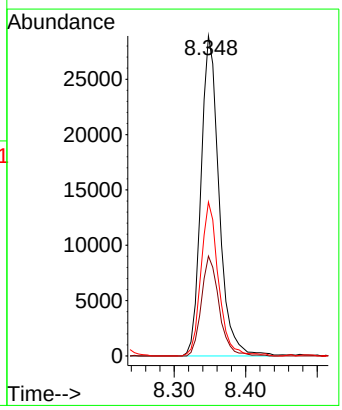


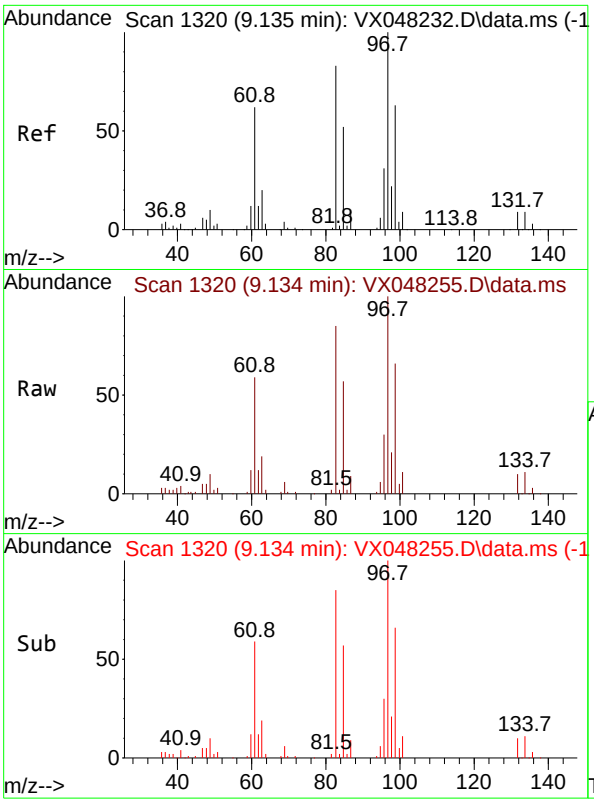


#54
cis-1,3-Dichloropropene
Concen: 18.810 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 50705

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	48.1	42.6	64.0



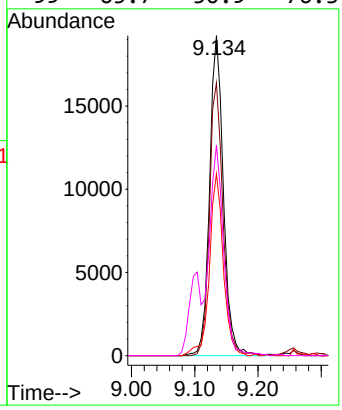


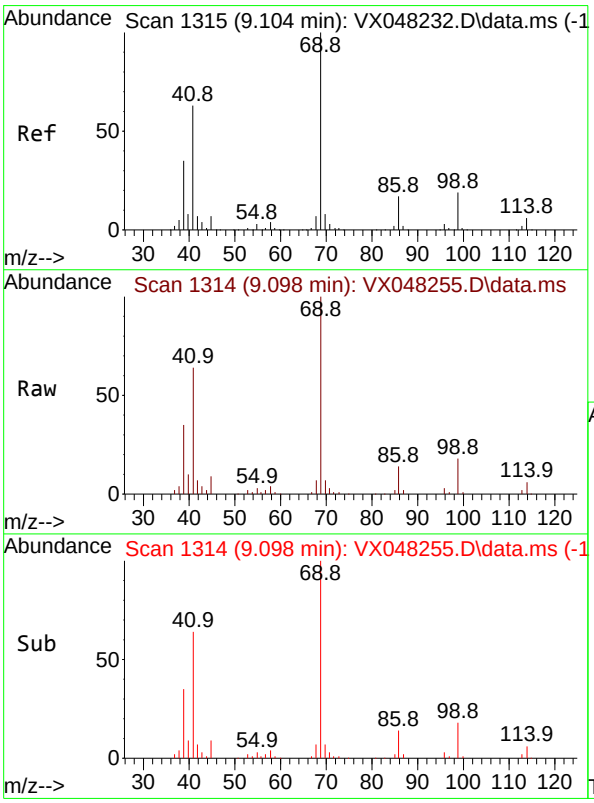
#55
1,1,2-Trichloroethane
Concen: 19.140 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 97 Resp: 29313

Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.6	105.8
85	56.8	45.0	67.6
99	65.7	50.9	76.3

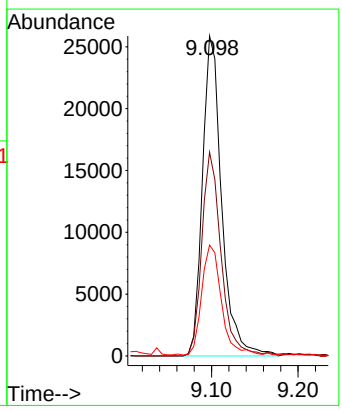


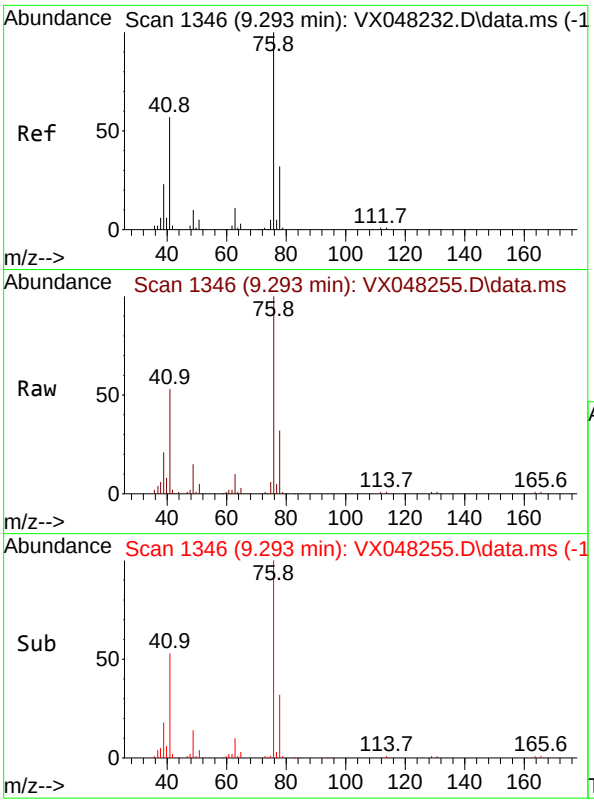


#56
Ethyl methacrylate
Concen: 17.852 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 69 Resp: 39990

Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.4	31.6	47.4



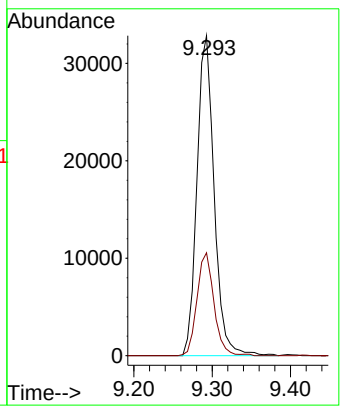


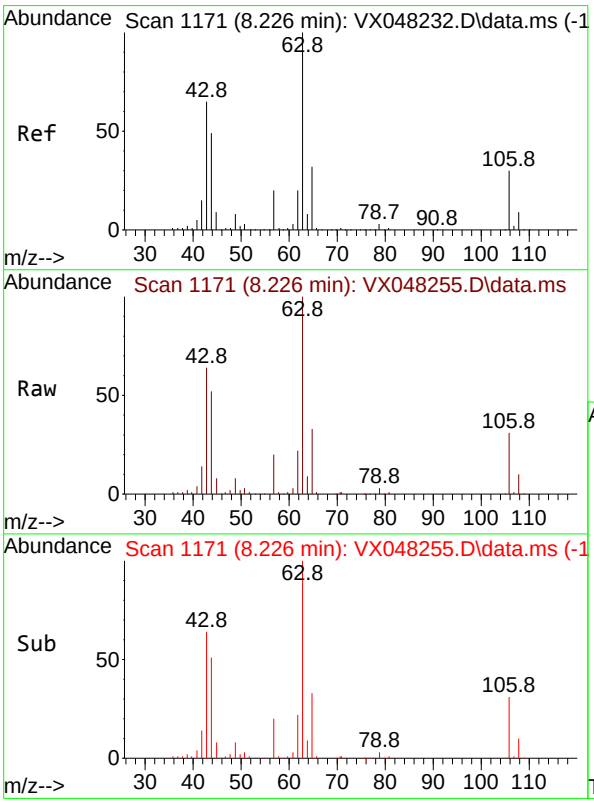
#57
1,3-Dichloropropane
Concen: 19.160 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 76 Resp: 50123

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.4	38.0

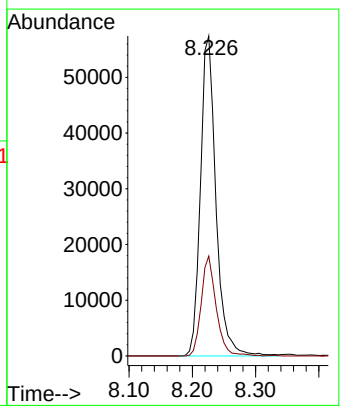


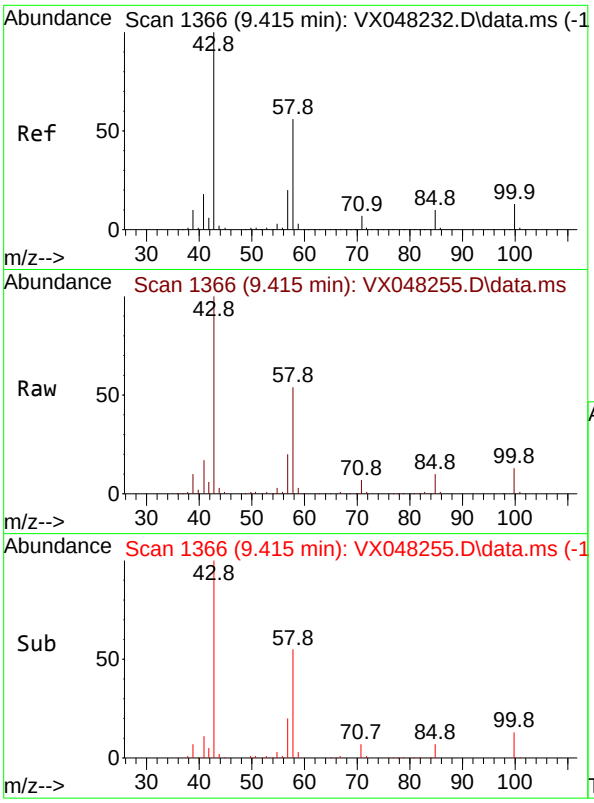


#58
2-Chloroethyl Vinyl ether
Concen: 82.586 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 98096

Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.2



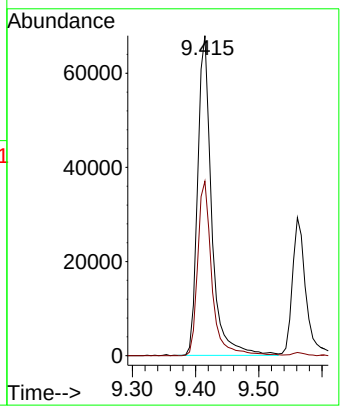


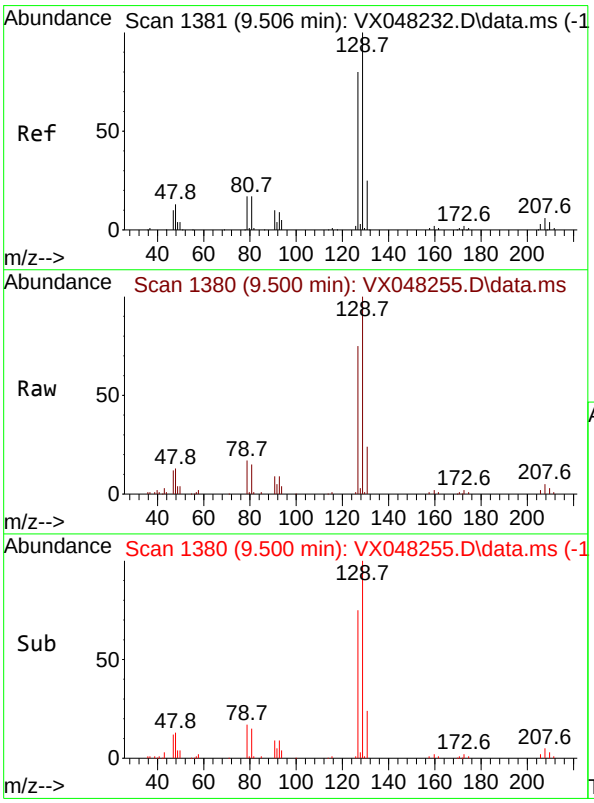
#59
2-Hexanone
Concen: 85.909 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 104997

Ion	Ratio	Lower	Upper
43	100		
58	55.3	26.3	78.8

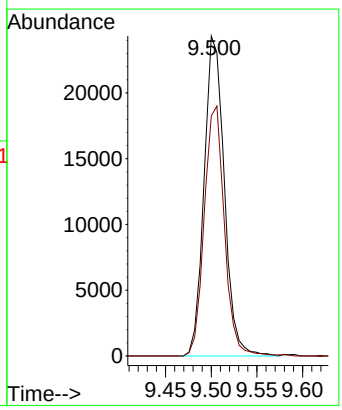


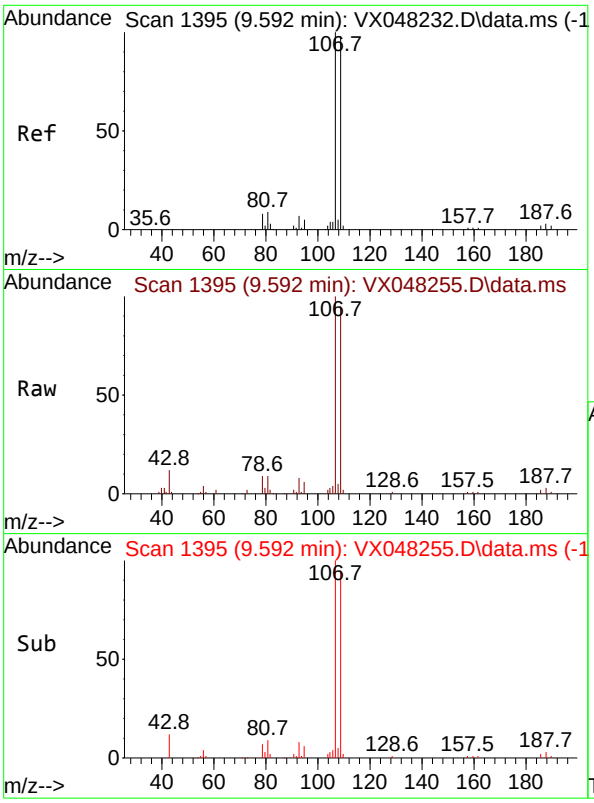


#60
Dibromochloromethane
Concen: 18.114 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:129 Resp: 37288

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.7



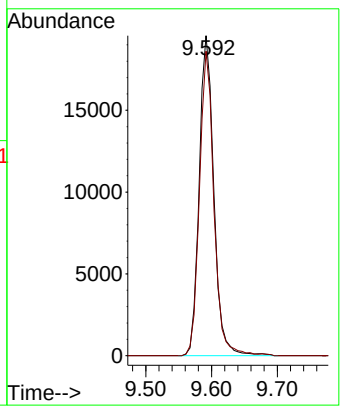


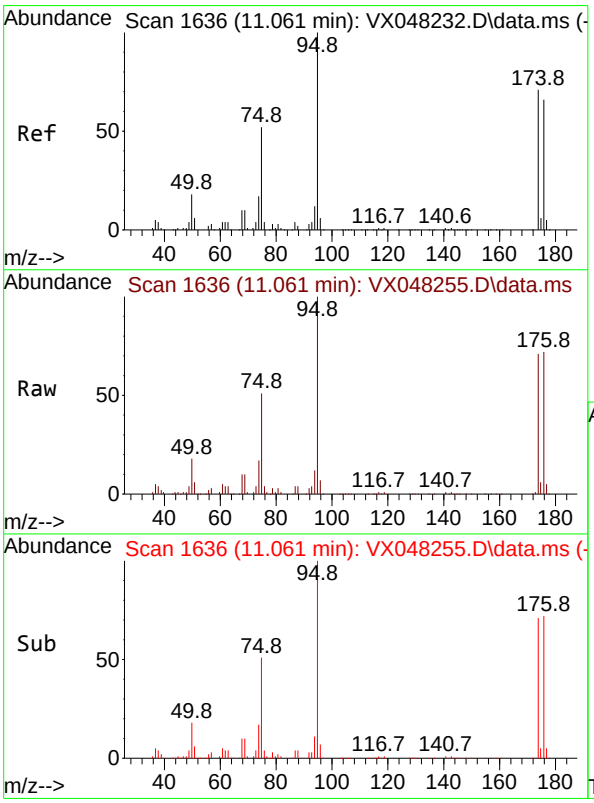
#61
1,2-Dibromoethane
Concen: 18.554 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:107 Resp: 30294

Ion	Ratio	Lower	Upper
107	100		
109	94.2	77.0	115.4

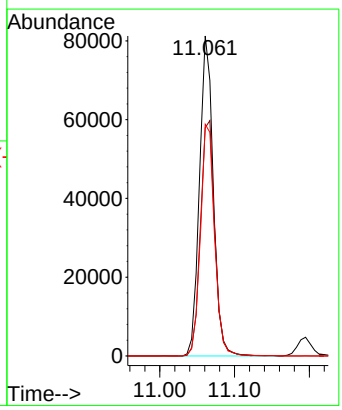


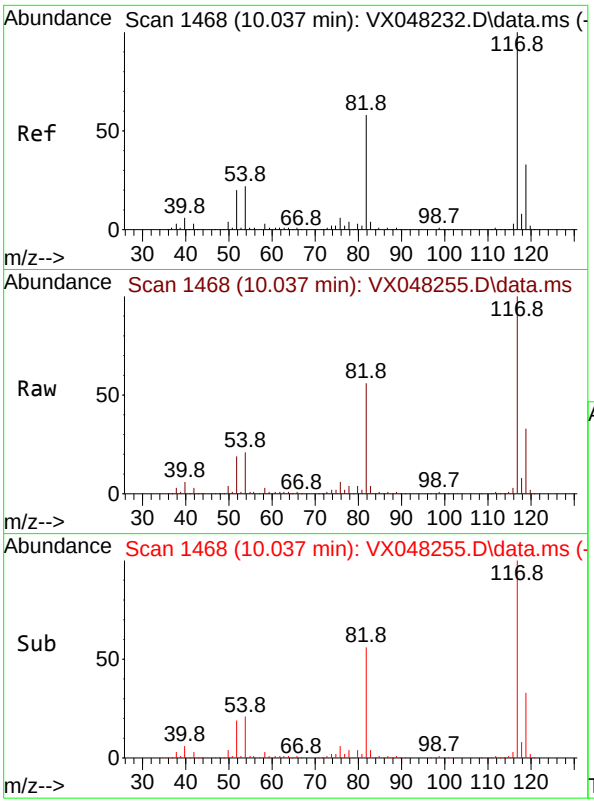


#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 95 Resp: 104113

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	147.8
176	74.0	0.0	142.8



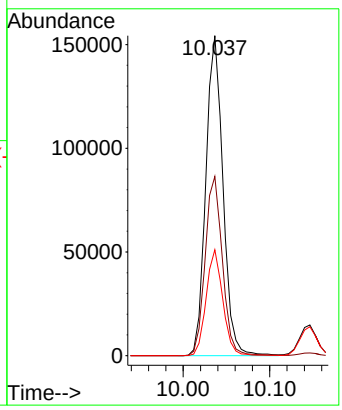


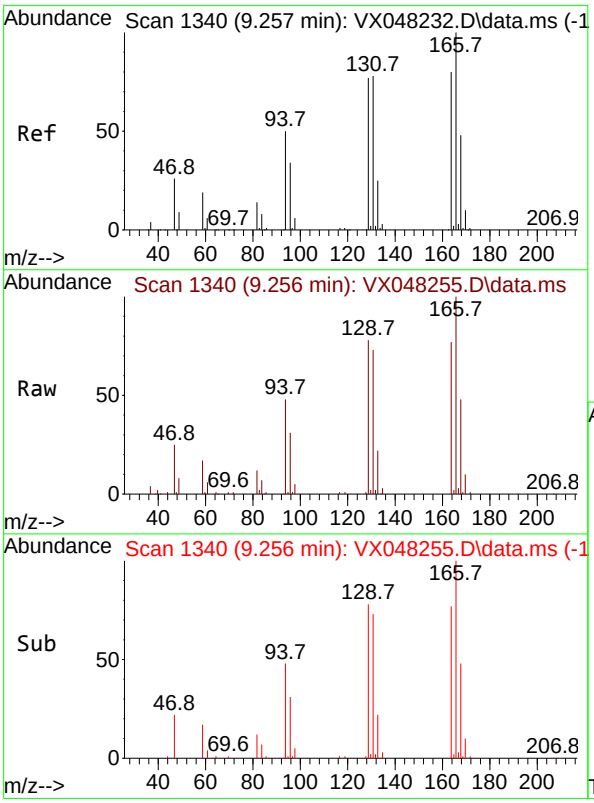
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:117 Resp: 212342

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	33.1	25.9	38.9

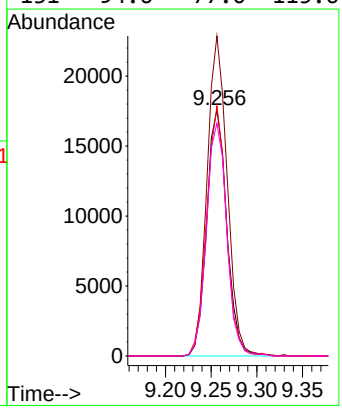


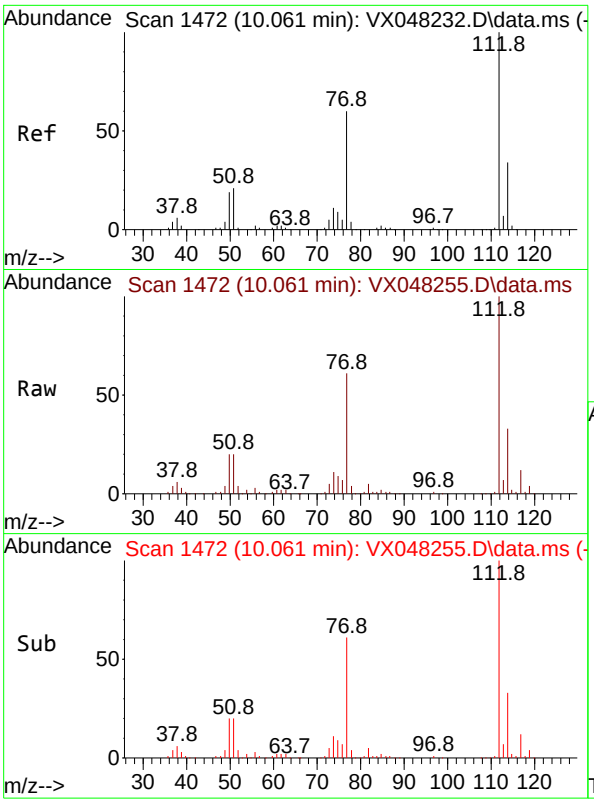


#64
Tetrachloroethene
Concen: 16.909 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:164 Resp: 26804

Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.5	156.7
129	101.5	81.8	122.6
131	94.6	77.0	115.6



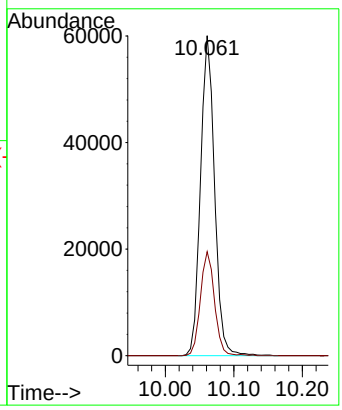


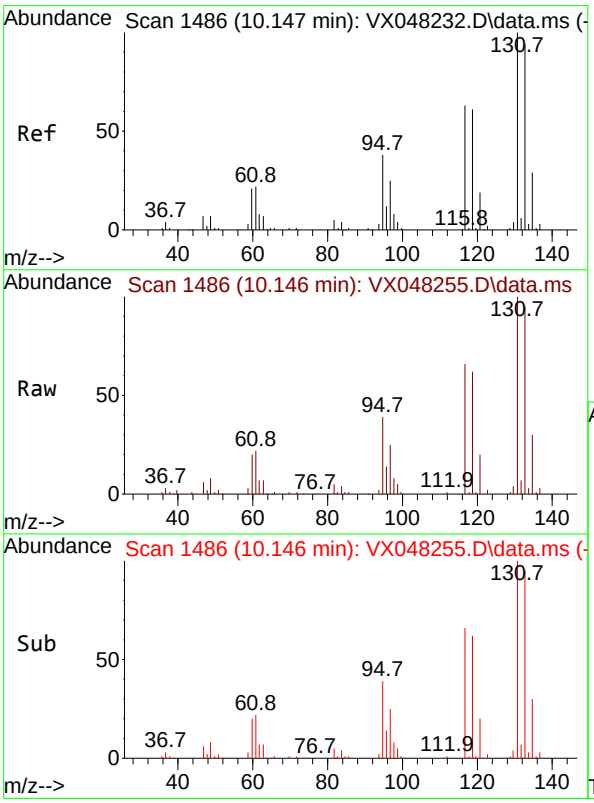
#65
Chlorobenzene
Concen: 17.974 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:112 Resp: 85855

Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.2

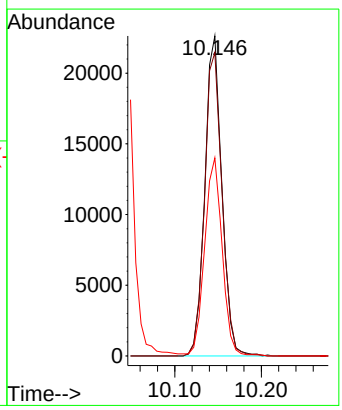


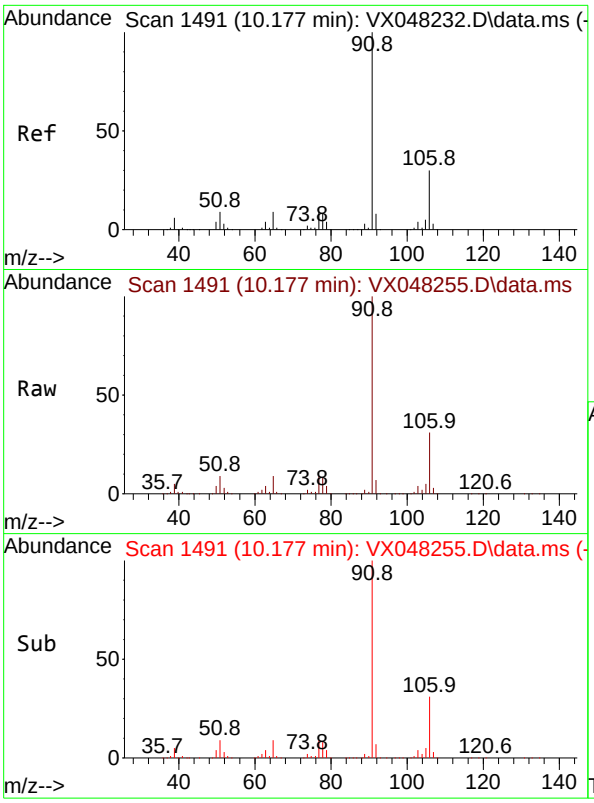


#66
1,1,1,2-Tetrachloroethane
Concen: 17.566 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:131 Resp: 30819

Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.6	142.8
119	63.9	32.5	97.5



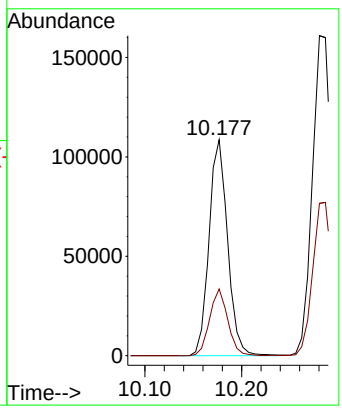


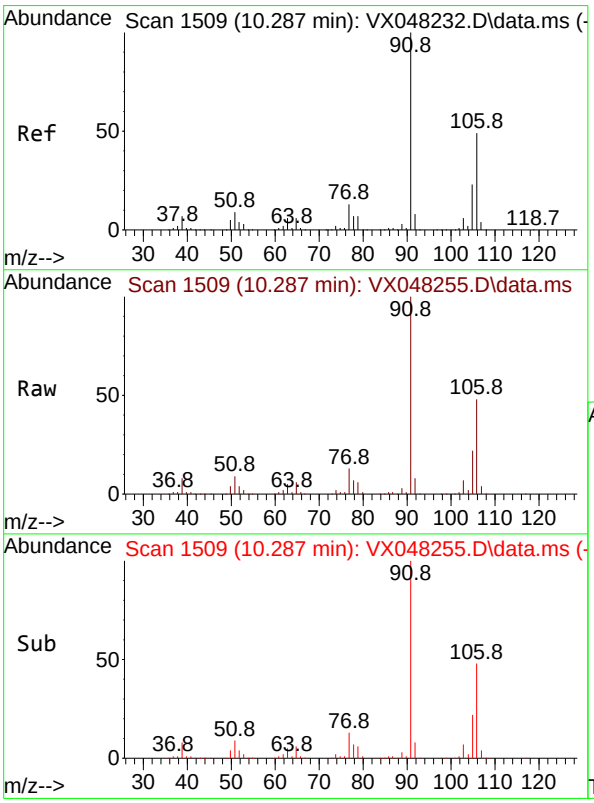
#67
Ethyl Benzene
Concen: 17.824 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 91 Resp: 144956

Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.8	35.6

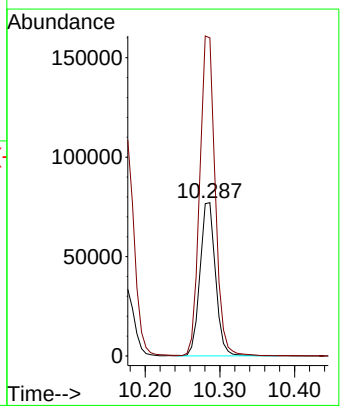


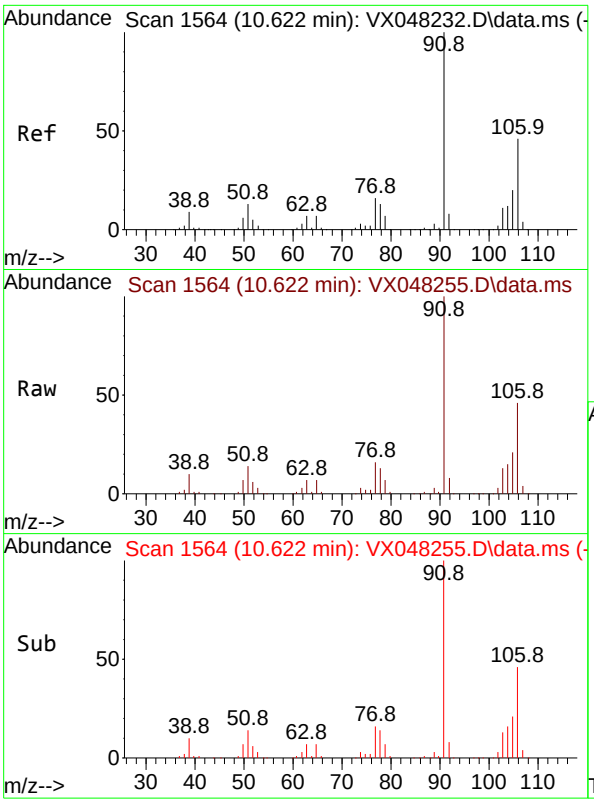


#68
m/p-Xylenes
Concen: 36.763 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:106 Resp: 111086

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.9	251.9



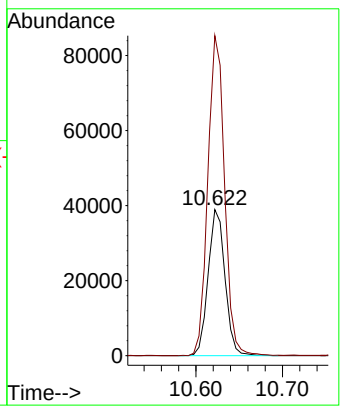


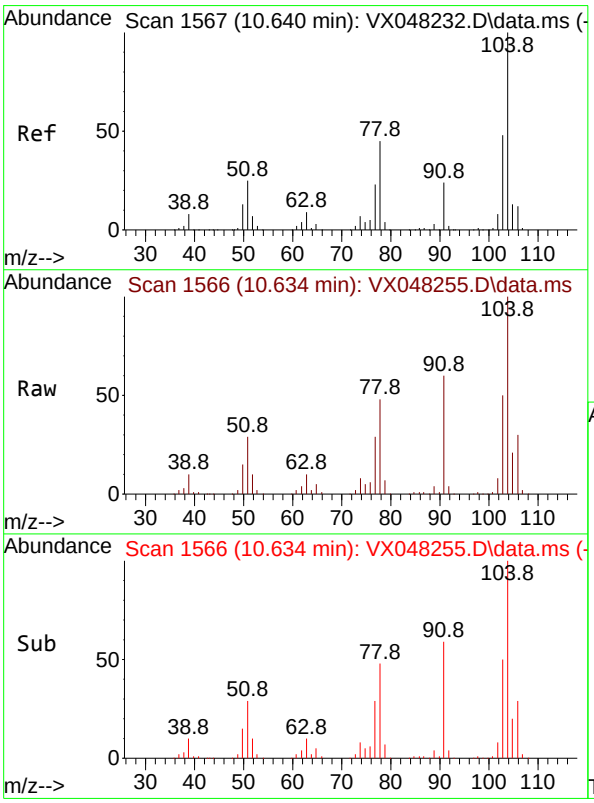
#69
o-Xylene
Concen: 18.060 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:106 Resp: 52686

Ion	Ratio	Lower	Upper
106	100		
91	217.5	111.3	333.9

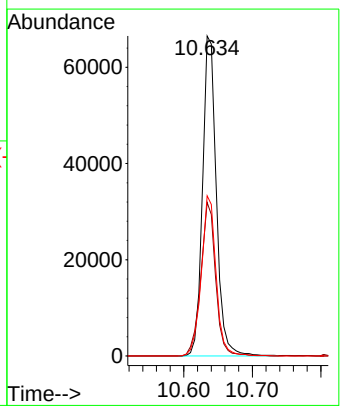


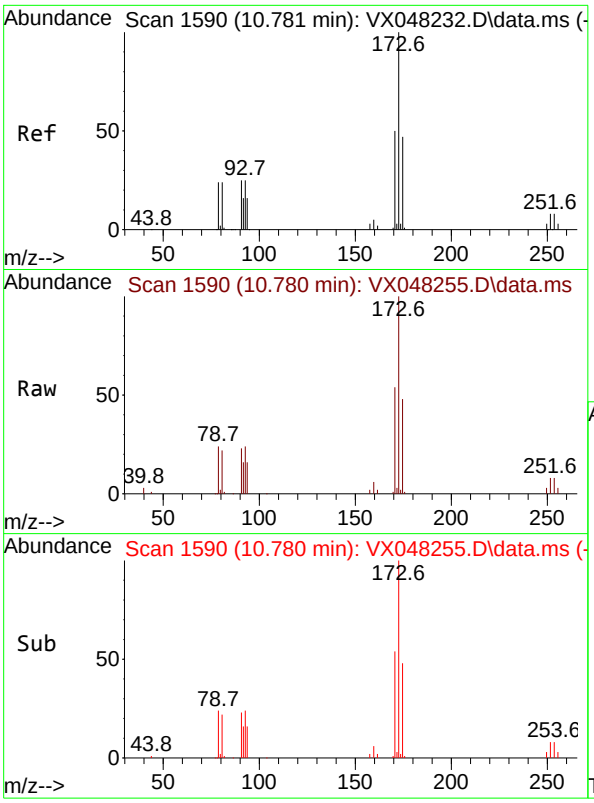


#70
Styrene
Concen: 18.838 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:104 Resp: 93575

Ion	Ratio	Lower	Upper
104	100		
78	51.4	42.2	63.4
103	53.3	43.0	64.4



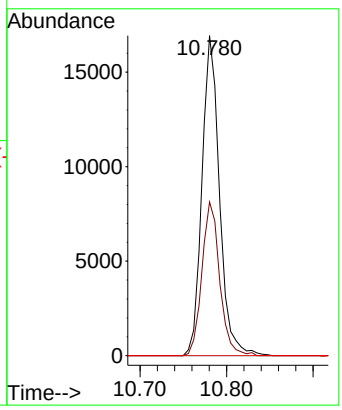


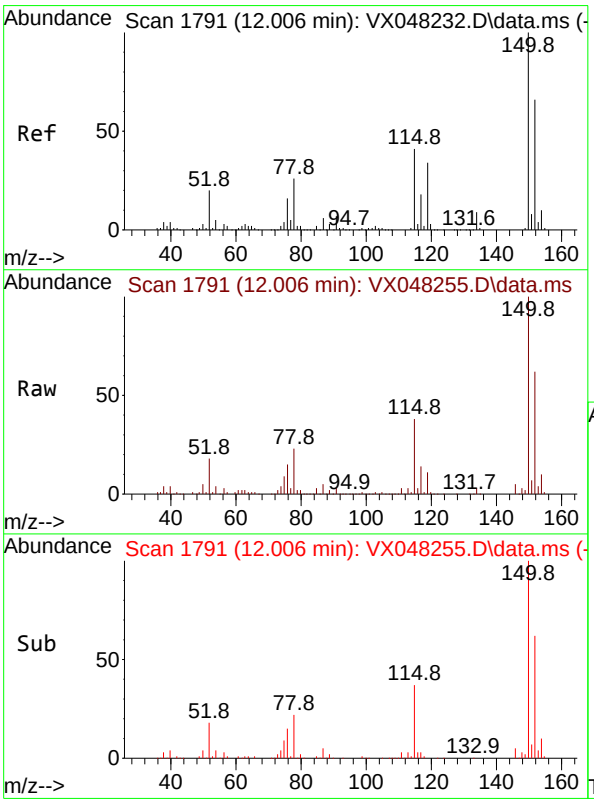
#71
Bromoform
Concen: 16.952 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:173 Resp: 23770

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.0	0.0	0.0

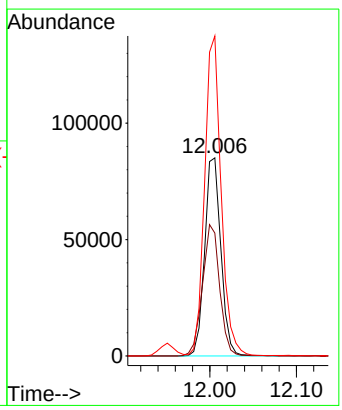


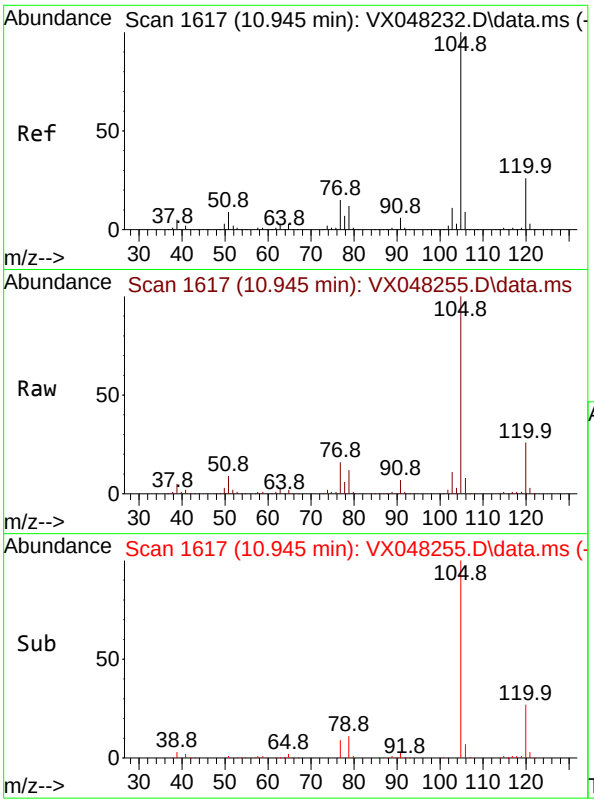


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:152 Resp: 110789

Ion	Ratio	Lower	Upper
152	100		
115	70.2	43.1	129.4
150	163.8	0.0	353.0



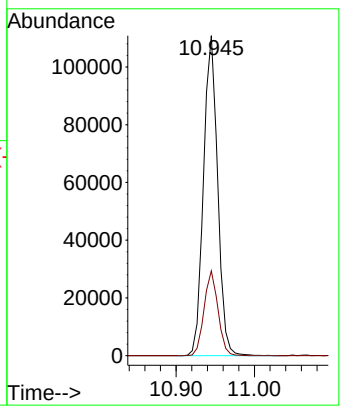


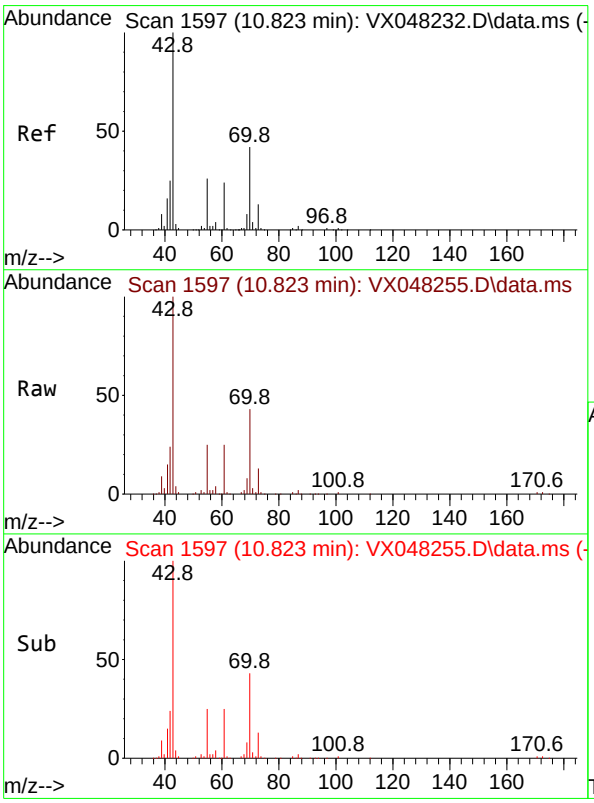
#73
Isopropylbenzene
Concen: 17.144 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:105 Resp: 138728

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9

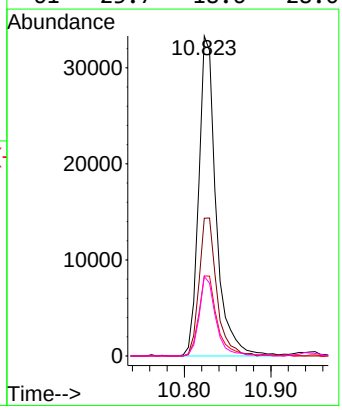


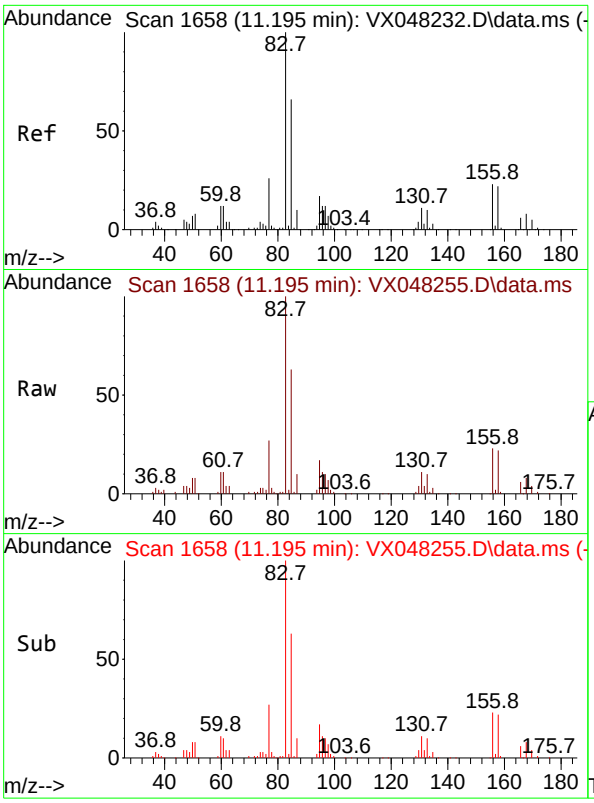


#74
N-amyl acetate
Concen: 16.144 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 46339

Ion	Ratio	Lower	Upper
43	100		
70	43.9	32.2	48.2
55	26.2	19.1	28.7
61	23.7	18.6	28.0



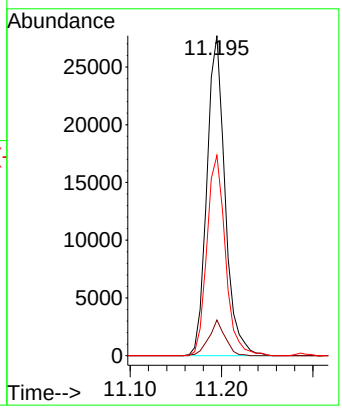


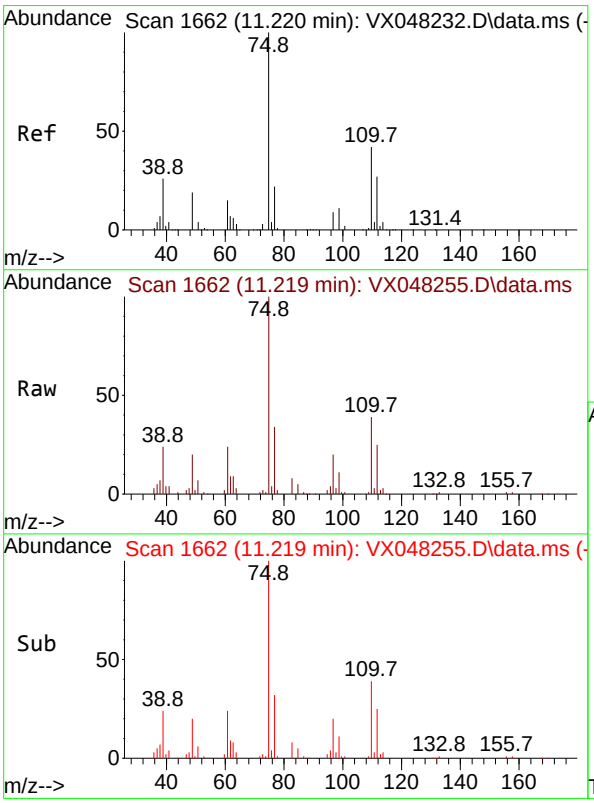
#75
1,1,2,2-Tetrachloroethane
Concen: 17.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 38121

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.8	14.4
85	63.9	31.9	95.7

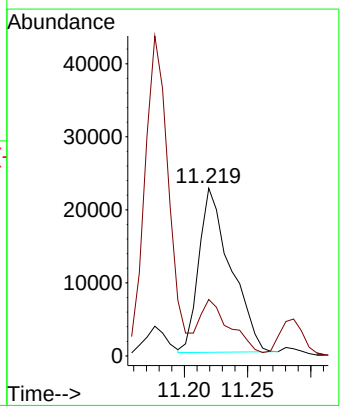


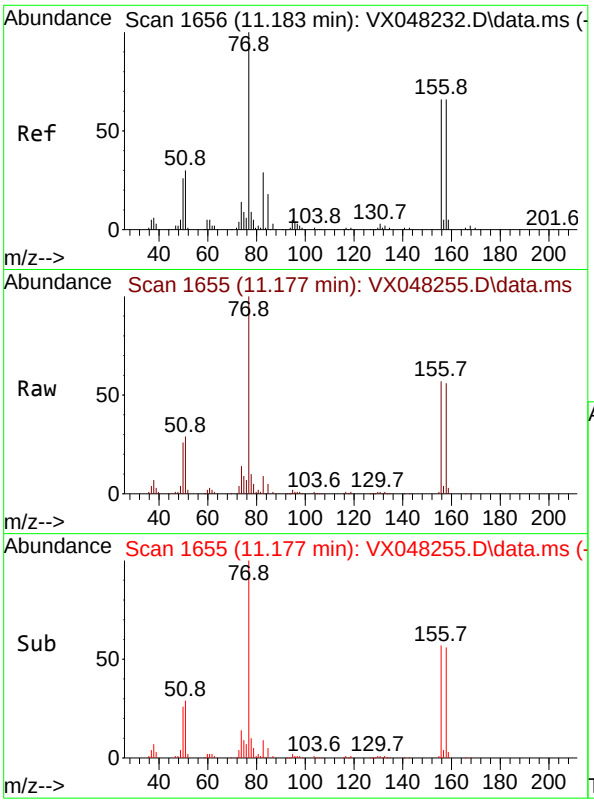


#76
1,2,3-Trichloropropane
Concen: 21.928 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 39397

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.4	67.2



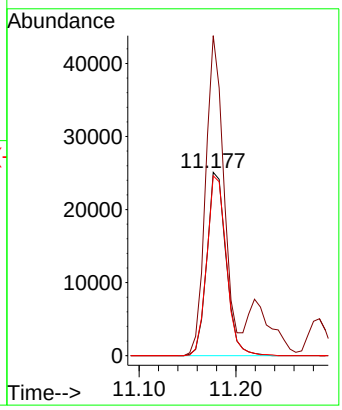


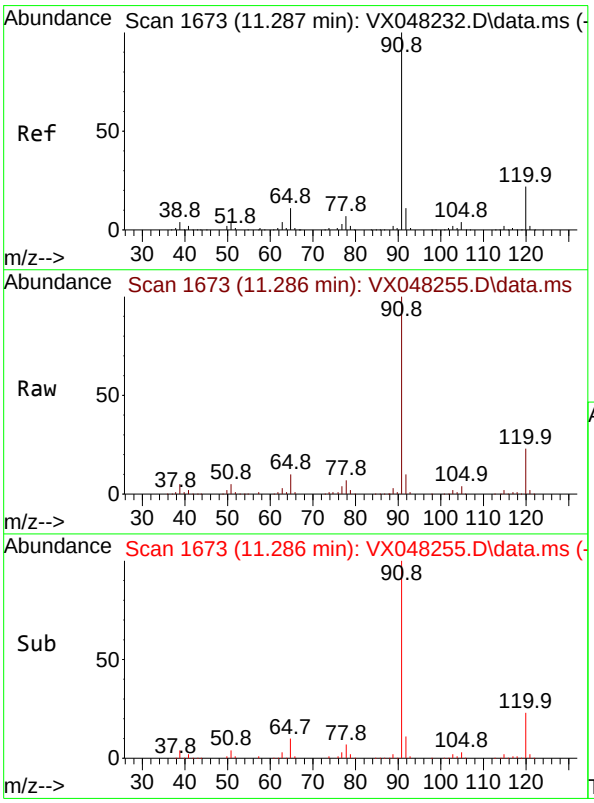
#77
Bromobenzene
Concen: 17.087 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:156 Resp: 34669

Ion	Ratio	Lower	Upper
156	100		
77	164.6	87.0	261.0
158	99.9	47.8	143.4

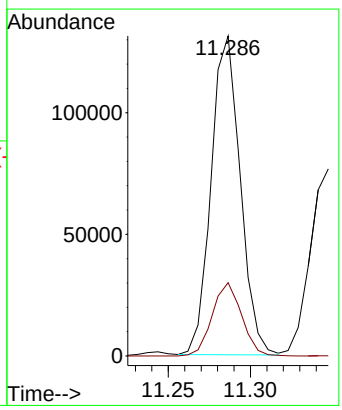


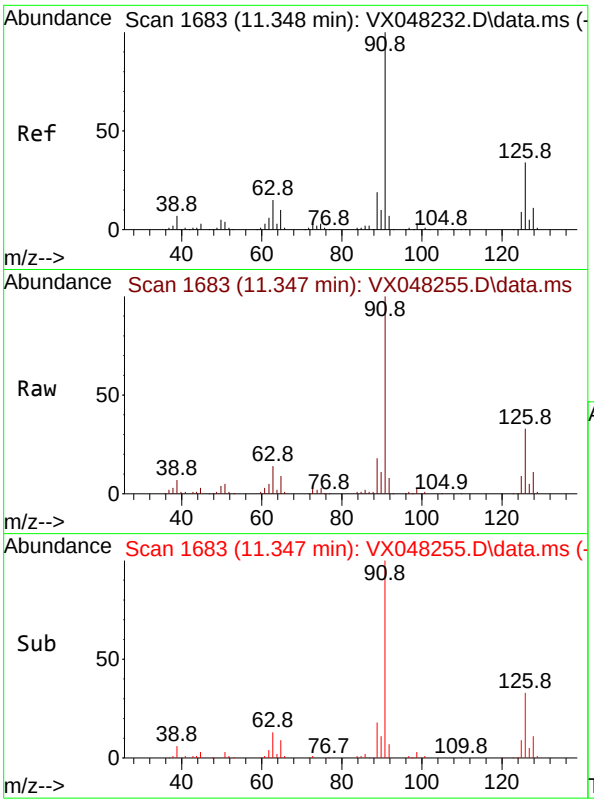


#78
n-propylbenzene
Concen: 17.266 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 161765

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1



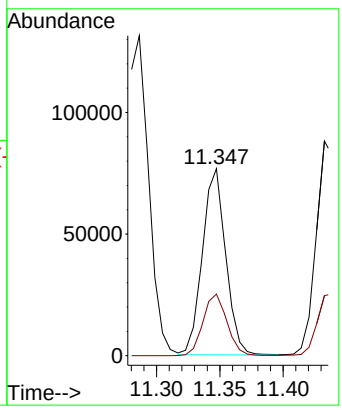


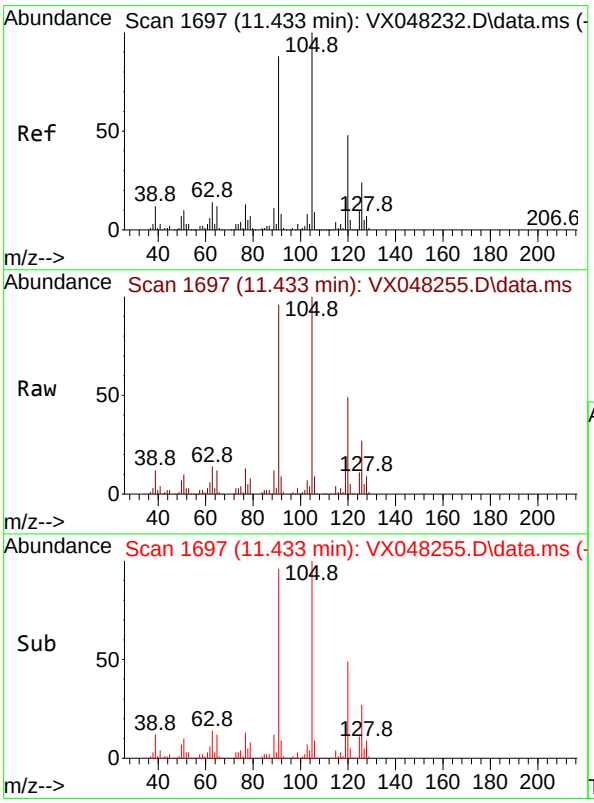
#79
2-Chlorotoluene
Concen: 17.293 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 91 Resp: 98234

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

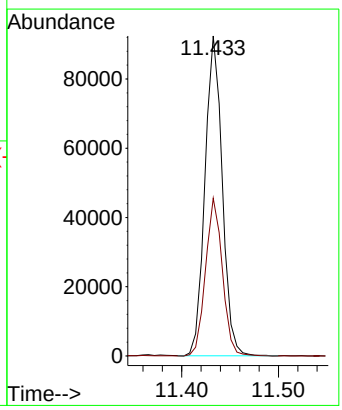


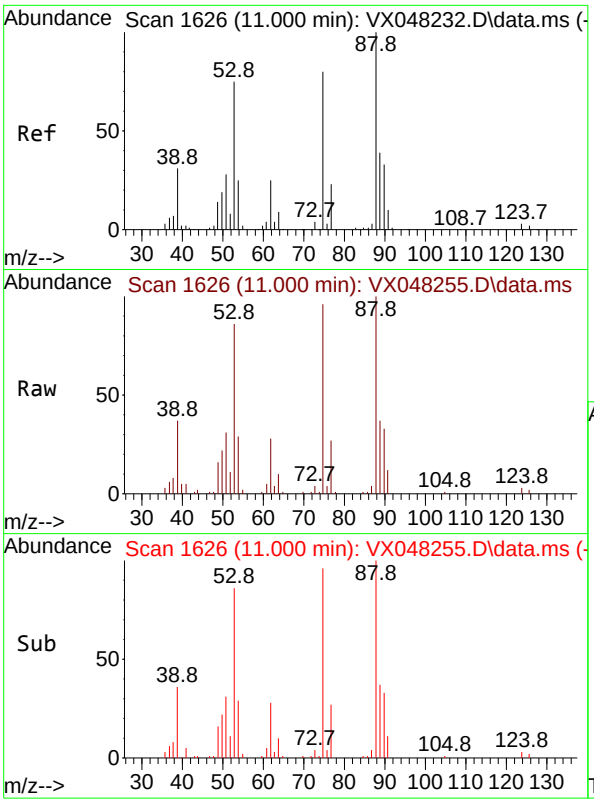


#80
1,3,5-Trimethylbenzene
Concen: 17.137 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 114762

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.0	72.0



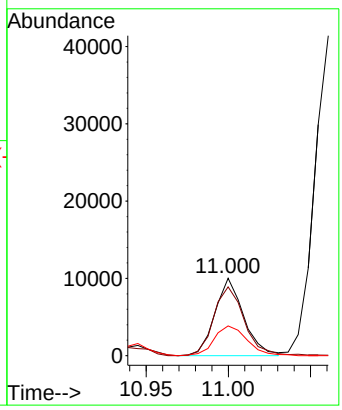


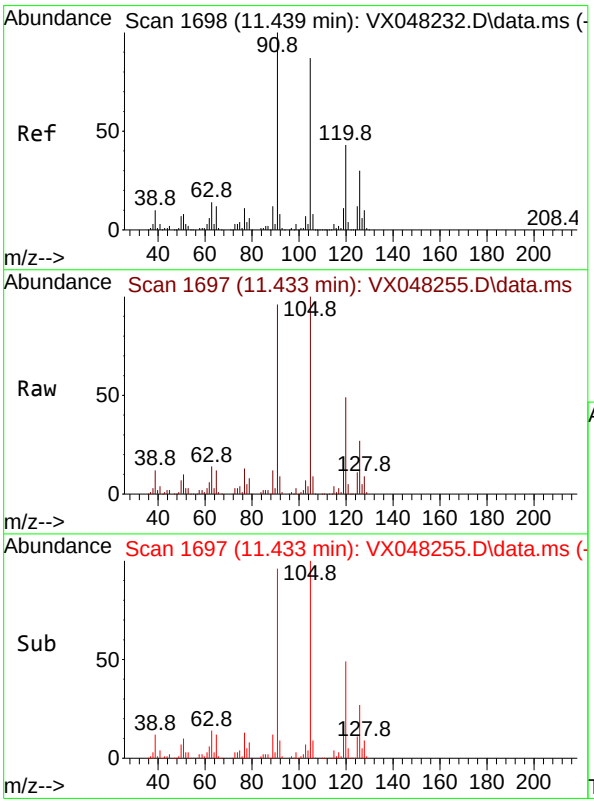
#81
trans-1,4-Dichloro-2-butene
Concen: 16.530 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 75 Resp: 12207

Ion	Ratio	Lower	Upper
75	100		
53	95.6	79.5	119.3
89	43.7	36.8	55.2

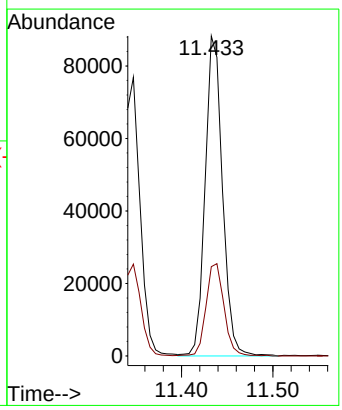


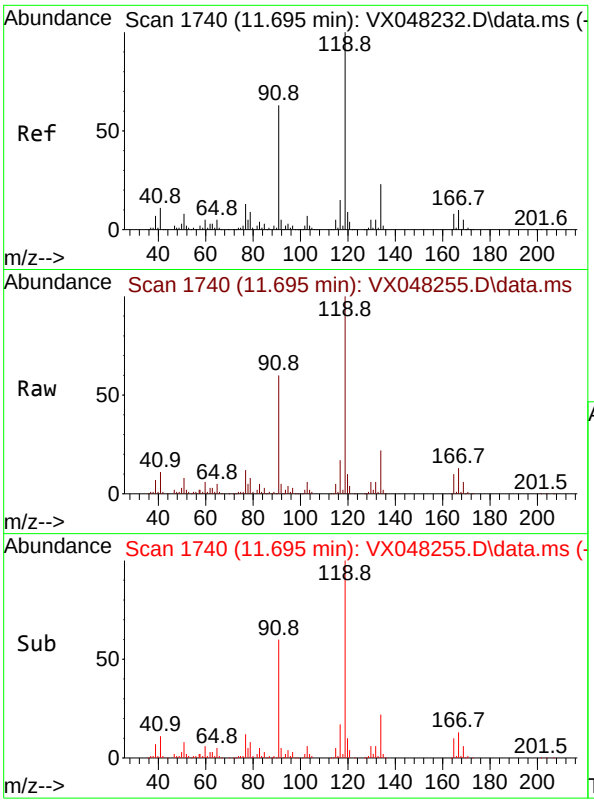


#82
4-Chlorotoluene
Concen: 17.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 91 Resp: 115993

Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.1	42.4



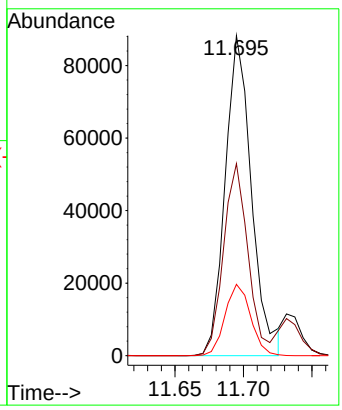


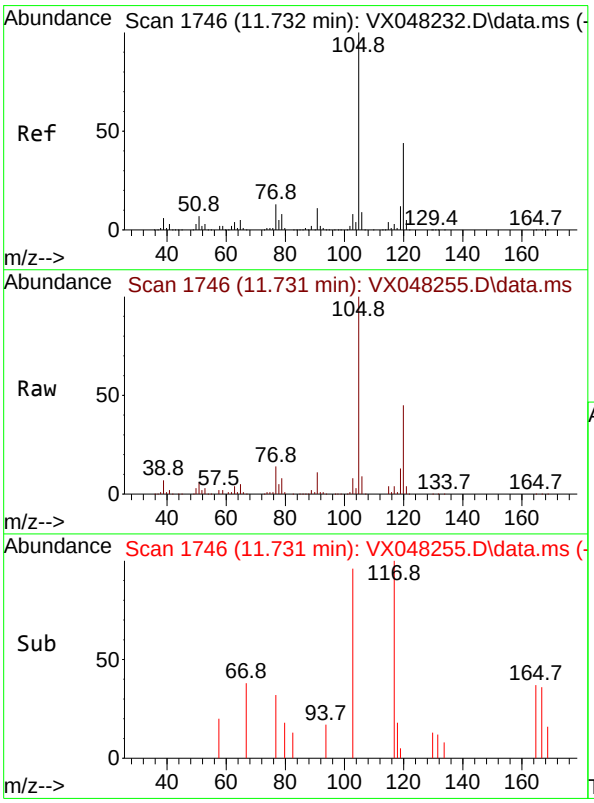
#83
tert-Butylbenzene
Concen: 17.108 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:119 Resp: 117710

Ion	Ratio	Lower	Upper
119	100		
91	56.3	30.3	91.0
134	21.8	11.4	34.2

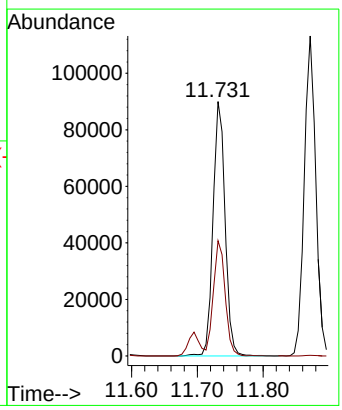


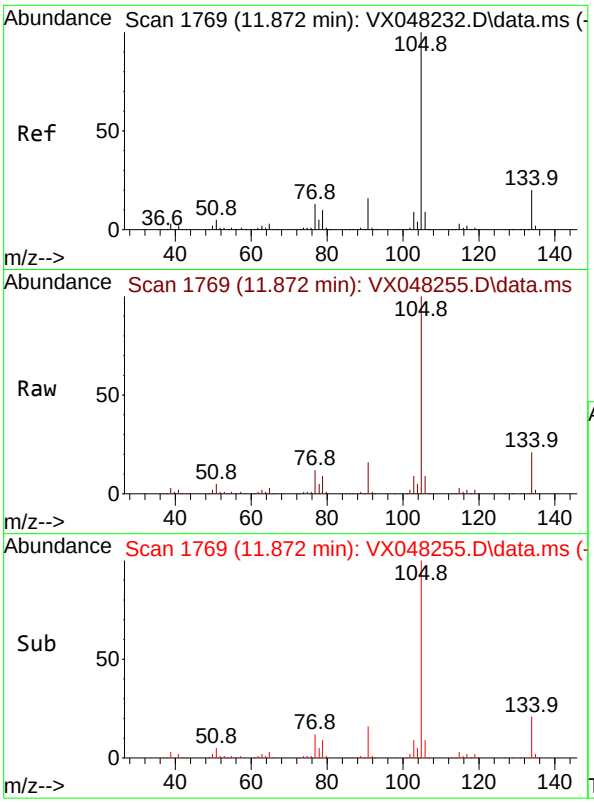


#84
1,2,4-Trimethylbenzene
Concen: 17.197 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 114927

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.5



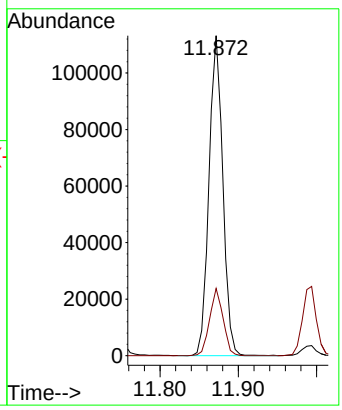


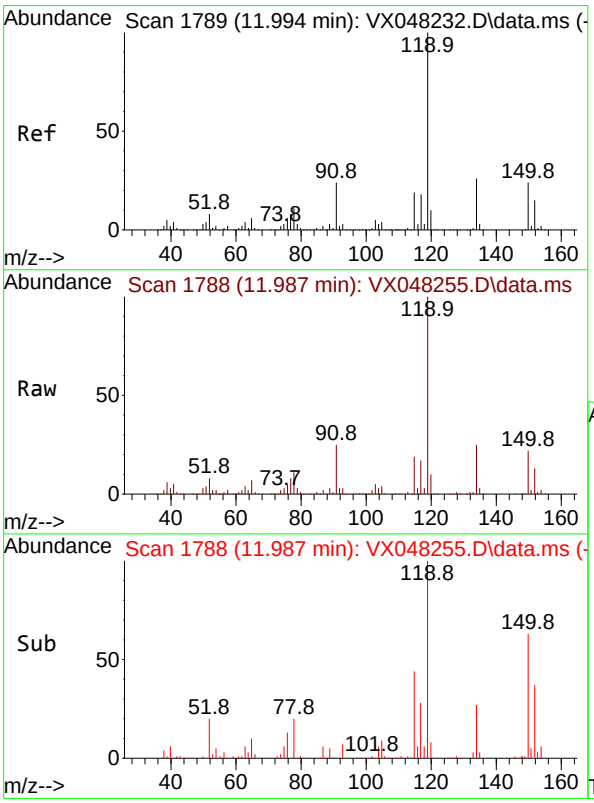
#85
sec-Butylbenzene
Concen: 16.712 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:105 Resp: 138342

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.1

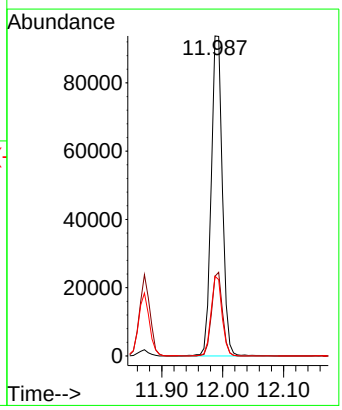


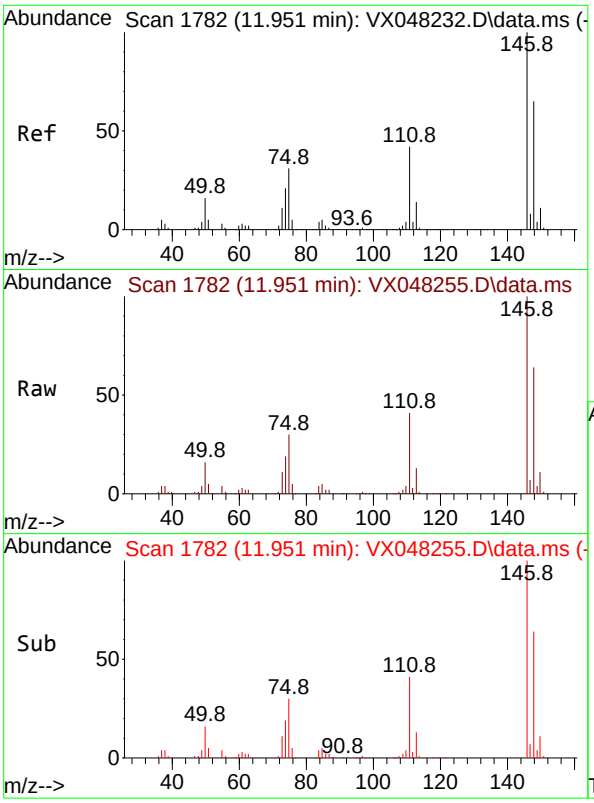


#86
p-Isopropyltoluene
Concen: 16.665 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:119 Resp: 119237

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.0	39.0
91	24.6	12.1	36.3



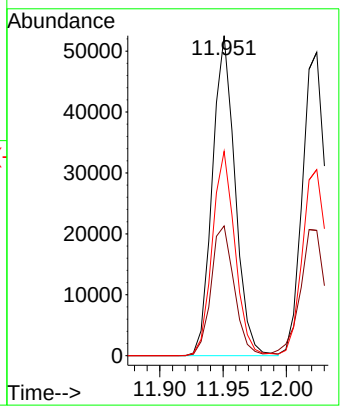


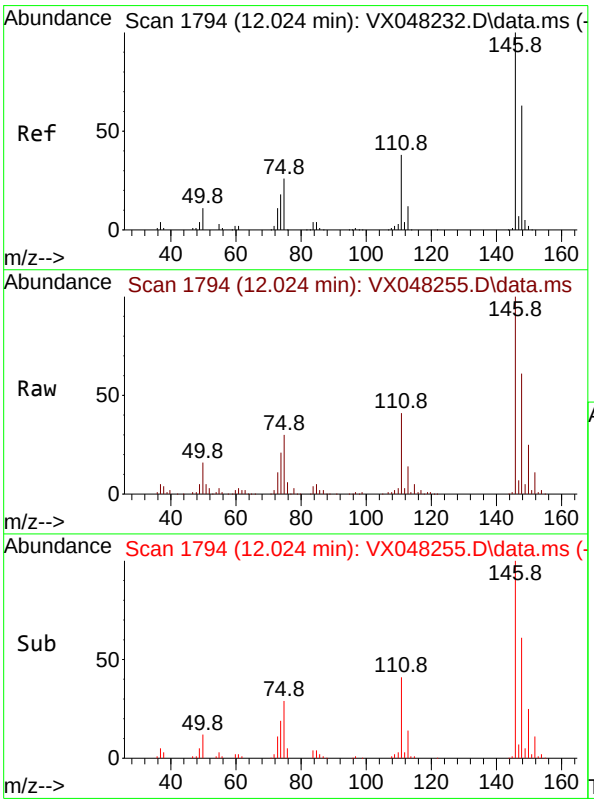
#87
1,3-Dichlorobenzene
Concen: 17.154 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:146 Resp: 65615

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.6	31.9	95.9

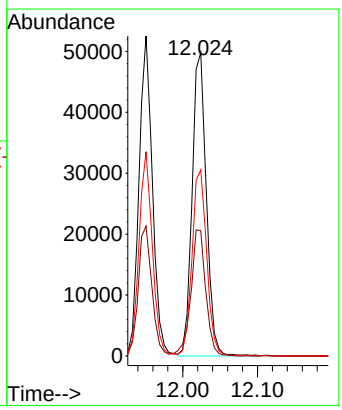


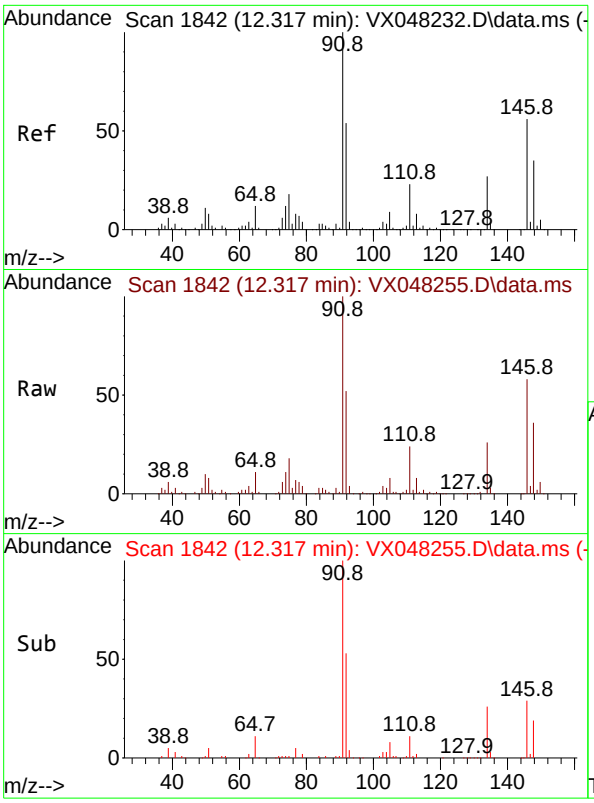


#88
1,4-Dichlorobenzene
Concen: 16.604 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:146 Resp: 65796

Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.1	60.2
148	63.3	31.8	95.3



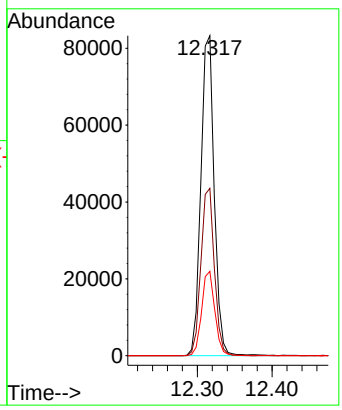


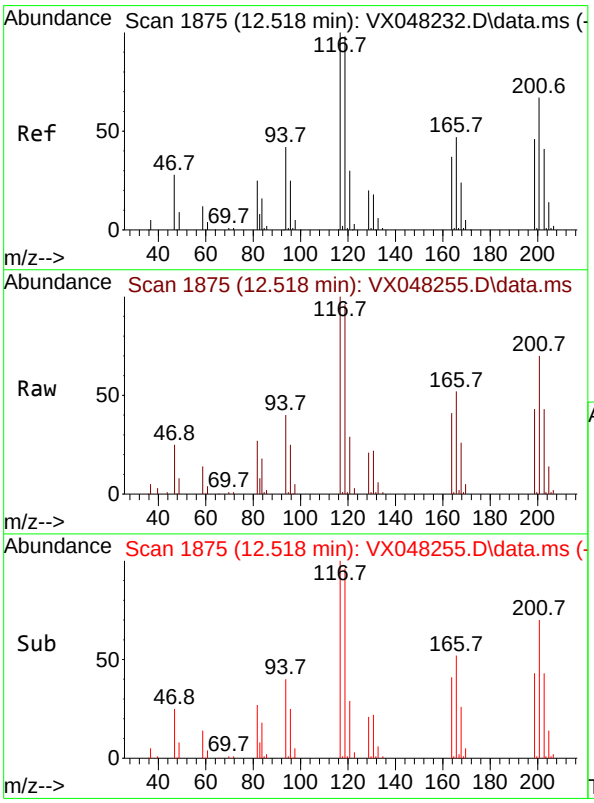
#89
n-Butylbenzene
Concen: 15.875 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 91 Resp: 103383

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.6
134	26.0	12.7	38.1

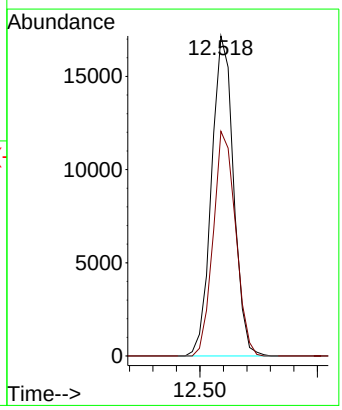


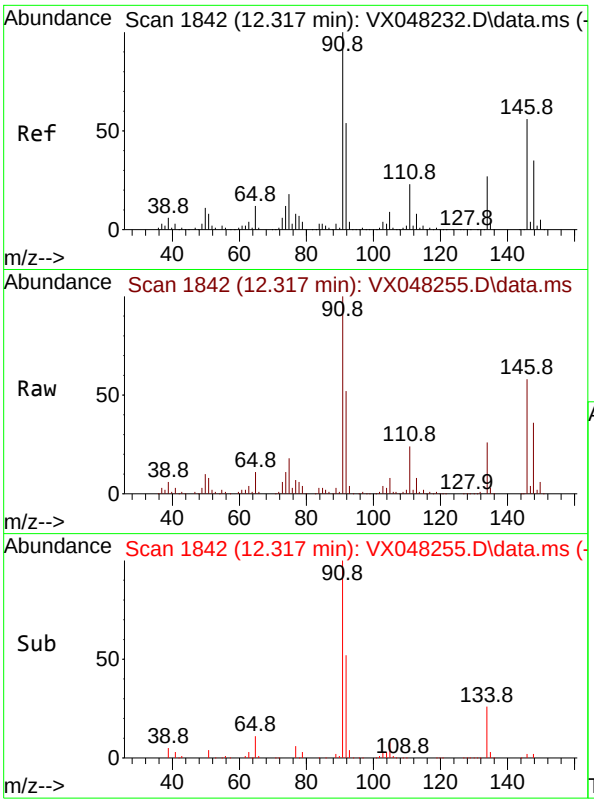


#90
Hexachloroethane
Concen: 15.825 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 22360

Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.1	102.2



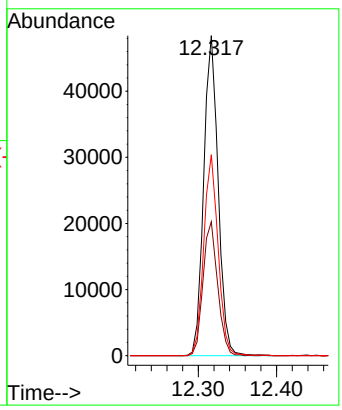


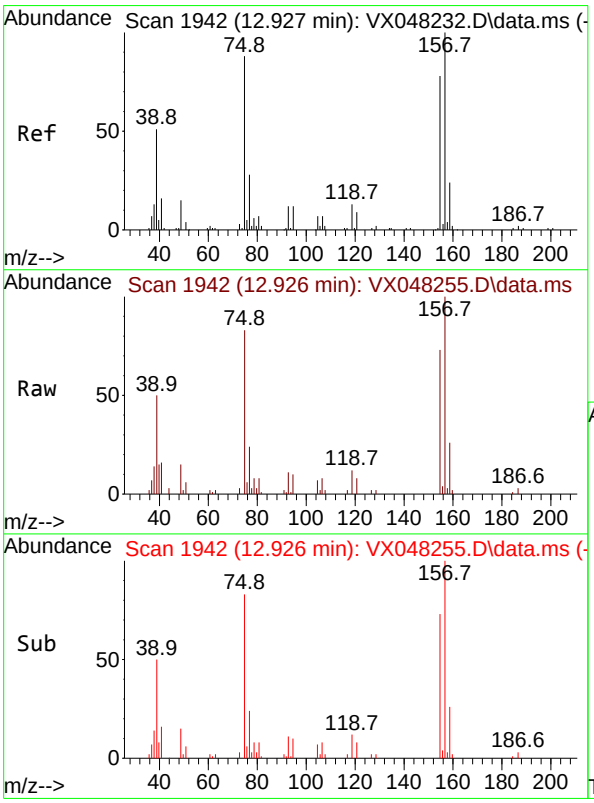
#91
1,2-Dichlorobenzene
Concen: 17.219 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:146 Resp: 61839

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.5
148	62.5	31.9	95.5

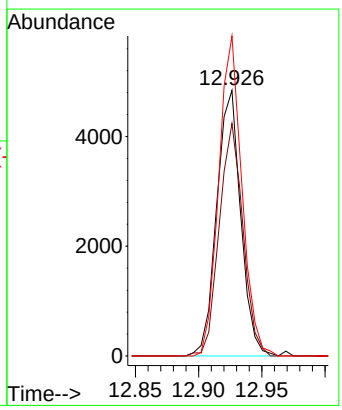


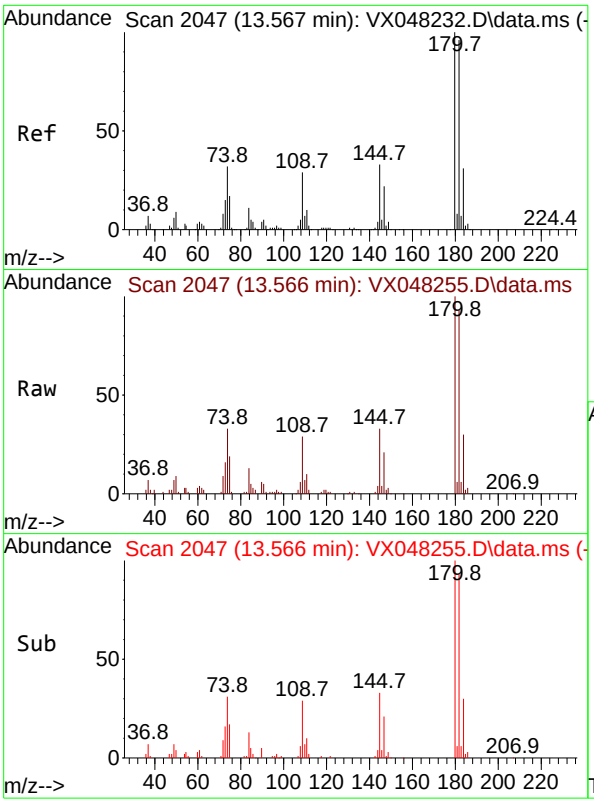


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.205 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 6372

Ion	Ratio	Lower	Upper
75	100		
155	86.2	42.8	128.4
157	116.0	54.2	162.6



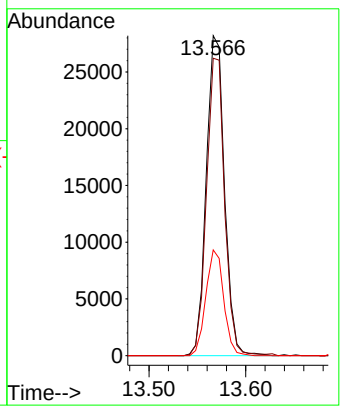


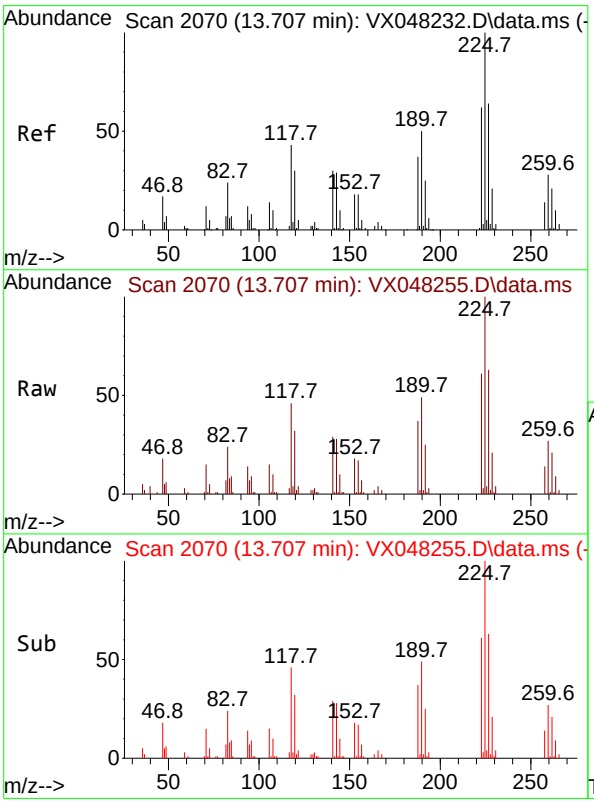
#93
1,2,4-Trichlorobenzene
Concen: 15.216 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:180 Resp: 36955

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	142.0
145	32.5	16.3	48.9

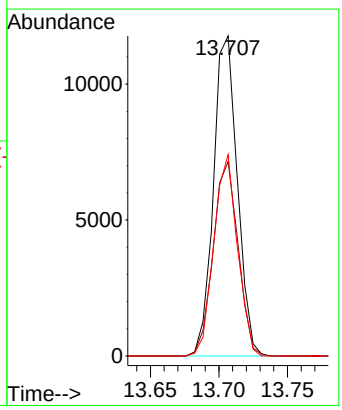


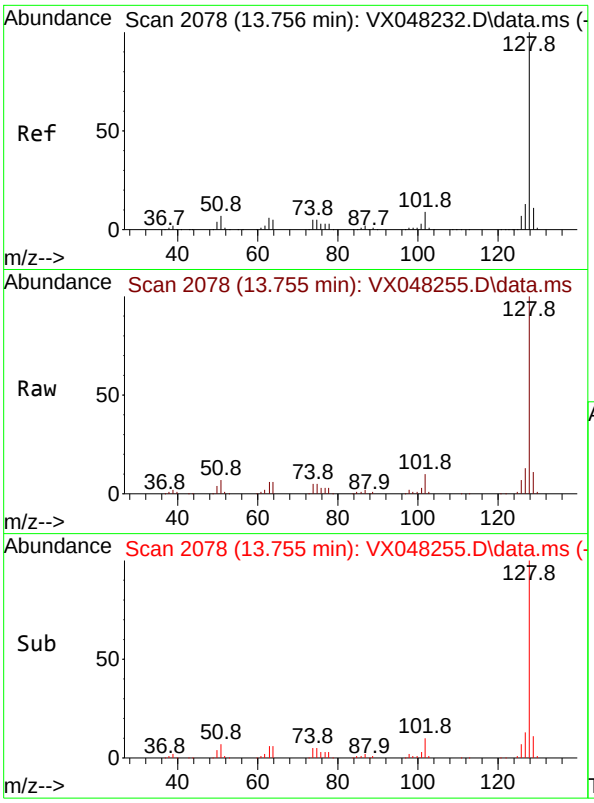


#94
Hexachlorobutadiene
Concen: 15.707 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:225 Resp: 14253

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	62.2	32.5	97.4



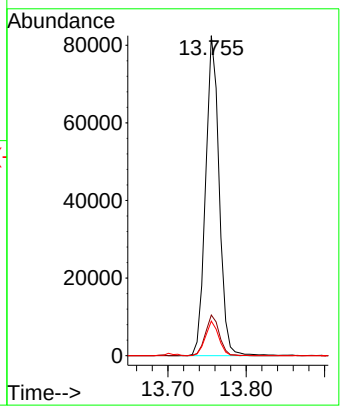


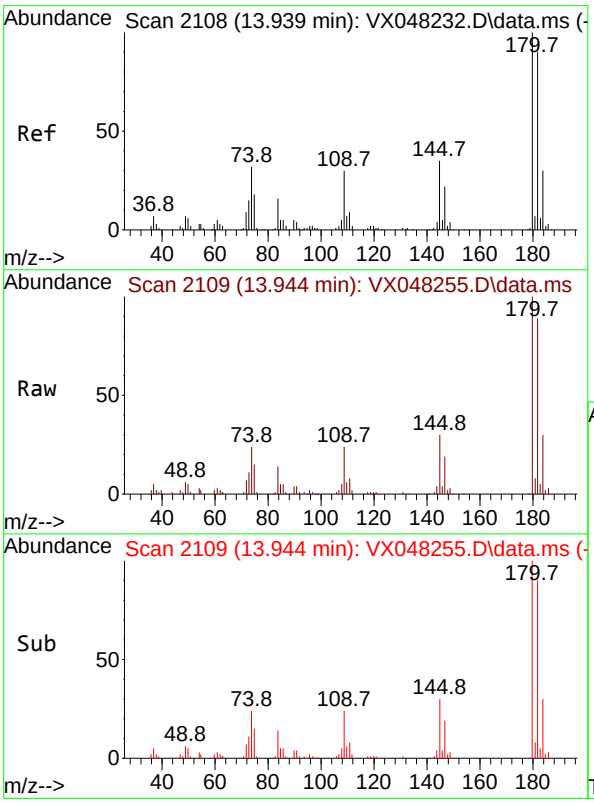
#95
Naphthalene
Concen: 15.345 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:128 Resp: 98736

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.6	12.8

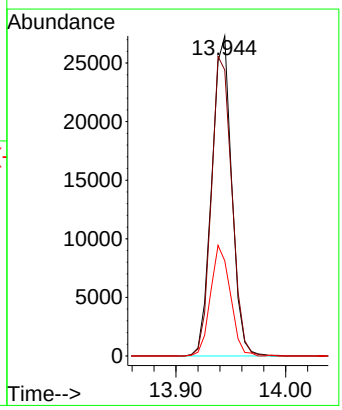




#96
1,2,3-Trichlorobenzene
Concen: 15.454 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:180 Resp: 34440

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.7
145	34.4	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	137604	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	224103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	203364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	89758	46.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.040%			
35) Dibromofluoromethane	5.367	113	73394	47.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.628	98	256689	47.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.061	95	96462	47.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	25428	17.976	ug/l	97
3) Chloromethane	1.300	50	22848	17.304	ug/l	97
4) Vinyl Chloride	1.379	62	20627	16.870	ug/l	94
5) Bromomethane	1.623	94	15738	18.966	ug/l	96
6) Chloroethane	1.696	64	13651	19.000	ug/l	92
7) Trichlorofluoromethane	1.898	101	42048	17.931	ug/l	97
8) Diethyl Ether	2.135	74	12151	18.416	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	26272	17.693	ug/l	94
10) Methyl Iodide	2.452	142	33915	18.168	ug/l	99
11) Tert butyl alcohol	2.934	59	14617	76.307	ug/l	96
12) 1,1-Dichloroethene	2.324	96	25810	17.866	ug/l	96
13) Acrolein	2.233	56	19717	100.924	ug/l	99
14) Allyl chloride	2.666	41	43150	17.990	ug/l	97
15) Acrylonitrile	3.050	53	60796	88.017	ug/l	99
16) Acetone	2.373	43	53983	81.562	ug/l	98
17) Carbon Disulfide	2.513	76	76828	16.874	ug/l	100
18) Methyl Acetate	2.696	43	23399	16.928	ug/l	91
19) Methyl tert-butyl Ether	3.105	73	88912	18.041	ug/l	98
20) Methylene Chloride	2.788	84	29832	18.498	ug/l	89
21) trans-1,2-Dichloroethene	3.086	96	29850	18.810	ug/l	87
22) Diisopropyl ether	3.745	45	93736	19.594	ug/l	88
23) Vinyl Acetate	3.708	43	360854	94.430	ug/l	96
24) 1,1-Dichloroethane	3.605	63	54330	18.782	ug/l	97
25) 2-Butanone	4.537	43	71780	85.682	ug/l	94
26) 2,2-Dichloropropane	4.464	77	46208	17.698	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	35291	19.056	ug/l	98
28) Bromochloromethane	4.879	49	25497	21.258	ug/l	85
29) Tetrahydrofuran	4.982	42	43202	86.106	ug/l	93
30) Chloroform	5.074	83	58812	19.030	ug/l	100
31) Cyclohexane	5.452	56	44037	18.388	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	52248	18.344	ug/l	97
36) 1,1-Dichloropropene	5.671	75	38187	17.561	ug/l	99
37) Ethyl Acetate	4.696	43	32528	18.047	ug/l	99
38) Carbon Tetrachloride	5.659	117	46209	17.224	ug/l	99
39) Methylcyclohexane	7.360	83	46866	18.249	ug/l	95
40) Benzene	6.025	78	118391	18.752	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	16538	17.472	ug/l		97
42) 1,2-Dichloroethane	6.068	62	43164	18.528	ug/l		100
43) Isopropyl Acetate	6.318	43	52017	17.569	ug/l		96
44) Trichloroethene	7.110	130	30449	18.265	ug/l		98
45) 1,2-Dichloropropane	7.409	63	29710	19.793	ug/l		99
46) Dibromomethane	7.561	93	21708	18.563	ug/l		94
47) Bromodichloromethane	7.805	83	47421	18.781	ug/l		95
48) Methyl methacrylate	7.677	41	26520	17.751	ug/l		95
49) 1,4-Dioxane	7.640	88	6381	323.294	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.555	43	151895	88.982	ug/l		96
52) Toluene	8.701	92	75829	18.906	ug/l		100
53) t-1,3-Dichloropropene	8.963	75	45008	18.497	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	48675	18.541	ug/l		95
55) 1,1,2-Trichloroethane	9.134	97	28743	19.271	ug/l		97
56) Ethyl methacrylate	9.098	69	39428	18.073	ug/l		94
57) 1,3-Dichloropropane	9.293	76	48237	18.933	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	97758	84.467	ug/l		97
59) 2-Hexanone	9.415	43	104512	87.804	ug/l		98
60) Dibromochloromethane	9.500	129	36743	18.328	ug/l		100
61) 1,2-Dibromoethane	9.591	107	29504	18.555	ug/l		99
64) Tetrachloroethene	9.256	164	26555	17.492	ug/l		97
65) Chlorobenzene	10.061	112	86348	18.875	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	30678	18.258	ug/l		99
67) Ethyl Benzene	10.177	91	142694	18.320	ug/l		97
68) m/p-Xylenes	10.286	106	108512	37.497	ug/l		100
69) o-Xylene	10.622	106	51598	18.468	ug/l		98
70) Styrene	10.640	104	91270	19.185	ug/l		98
71) Bromoform	10.780	173	23785	17.711	ug/l	#	100
73) Isopropylbenzene	10.945	105	136638	18.464	ug/l		100
74) N-amyl acetate	10.829	43	45310	17.261	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	37185	18.401	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	38024	23.143	ug/l		82
77) Bromobenzene	11.183	156	34541	18.615	ug/l		94
78) n-propylbenzene	11.286	91	160675	18.753	ug/l		98
79) 2-Chlorotoluene	11.347	91	97491	18.767	ug/l		98
80) 1,3,5-Trimethylbenzene	11.432	105	114521	18.700	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11571	17.134	ug/l		99
82) 4-Chlorotoluene	11.439	91	115393	18.713	ug/l		97
83) tert-Butylbenzene	11.695	119	117357	18.651	ug/l		95
84) 1,2,4-Trimethylbenzene	11.731	105	114561	18.745	ug/l		99
85) sec-Butylbenzene	11.871	105	139017	18.364	ug/l		100
86) p-Isopropyltoluene	11.993	119	118663	18.135	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	63730	18.219	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	65963	18.203	ug/l		99
89) n-Butylbenzene	12.316	91	106210	17.834	ug/l		98
90) Hexachloroethane	12.518	117	22528	17.435	ug/l		96
91) 1,2-Dichlorobenzene	12.316	146	61124	18.612	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6932	16.899	ug/l		97
93) 1,2,4-Trichlorobenzene	13.566	180	37218	16.758	ug/l		98
94) Hexachlorobutadiene	13.706	225	14700	17.706	ug/l		98
95) Naphthalene	13.755	128	100059	17.005	ug/l		99
96) 1,2,3-Trichlorobenzene	13.944	180	35212	17.277	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

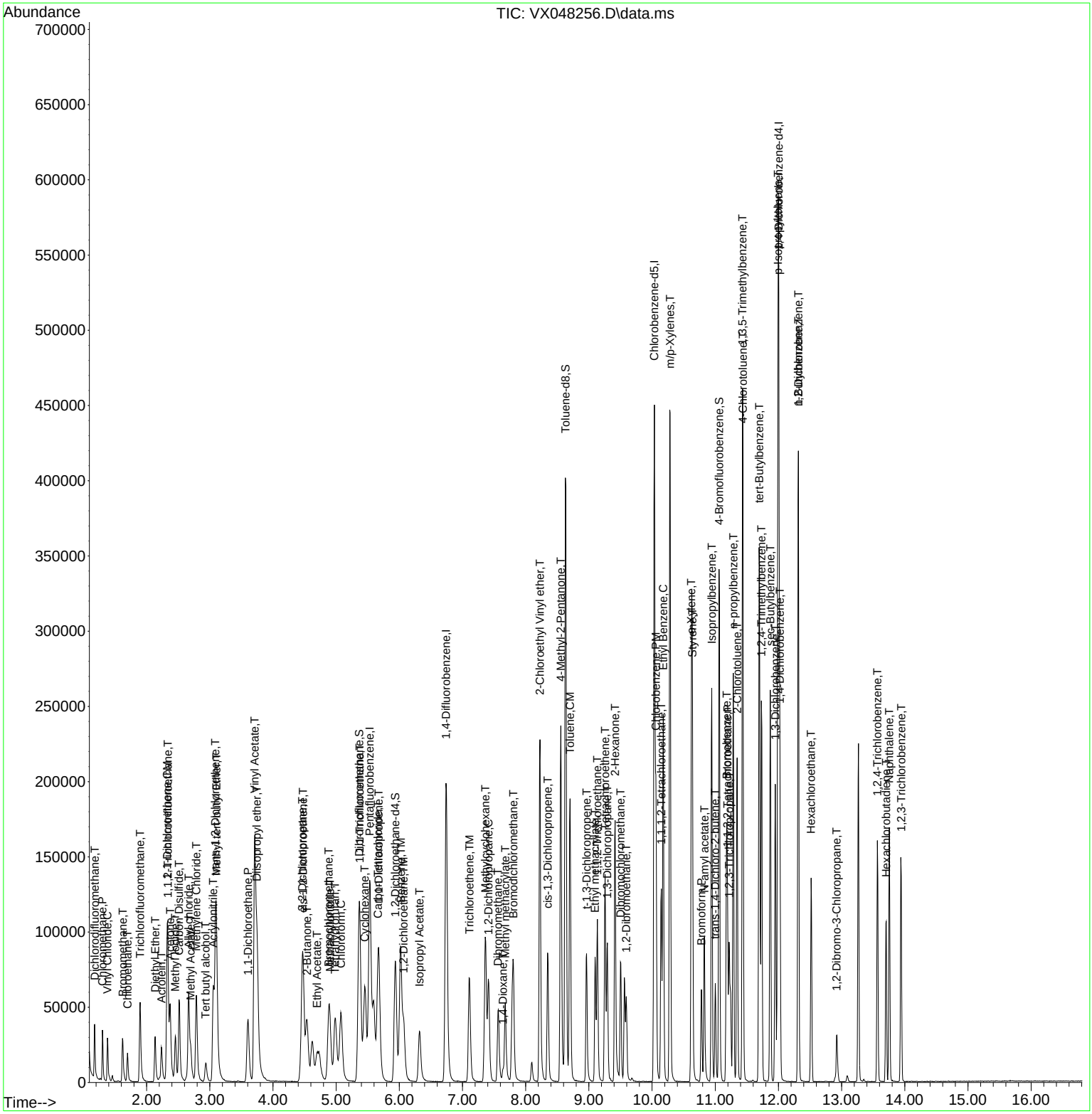
(#) = qualifier out of range (m) = manual integration (+) = signals summed

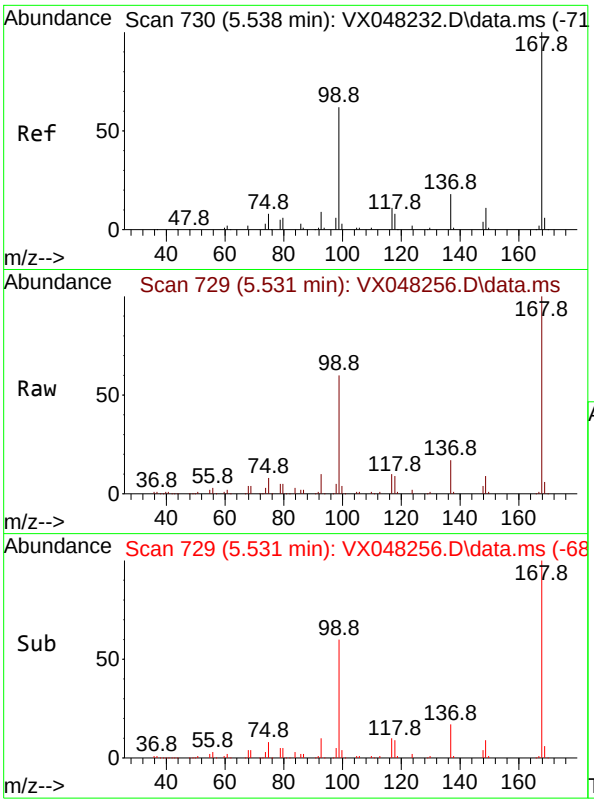
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048256.D
Acq On : 21 Oct 2025 10:33
Operator : JC/MD
Sample : VX1021WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Quant Time: Oct 24 04:24:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



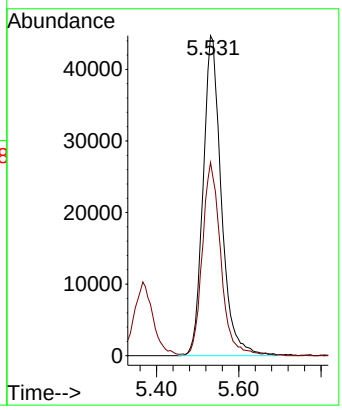


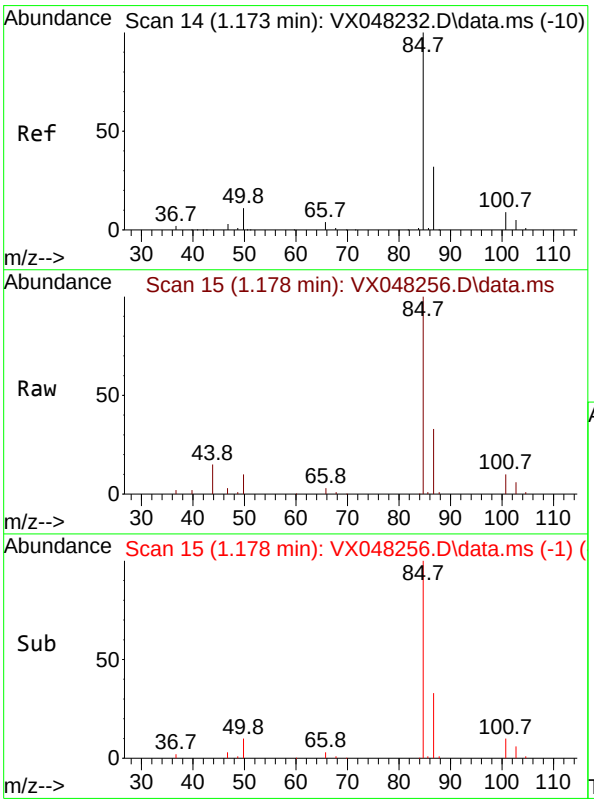
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:168 Resp: 137604

Ion	Ratio	Lower	Upper
168	100		
99	60.1	46.4	69.6

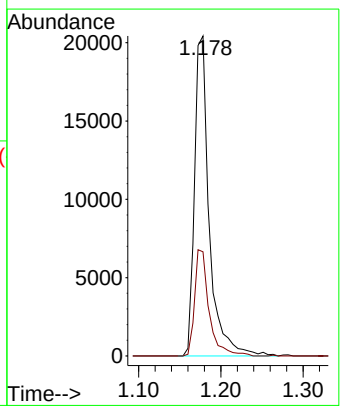


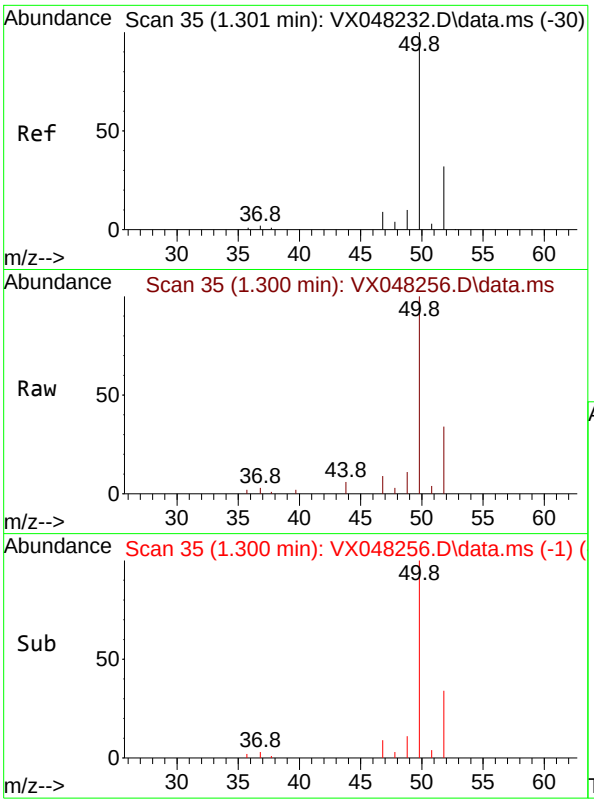


#2
Dichlorodifluoromethane
Concen: 17.976 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 85 Resp: 25428

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.3	45.9



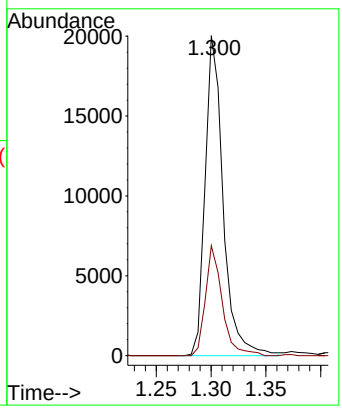


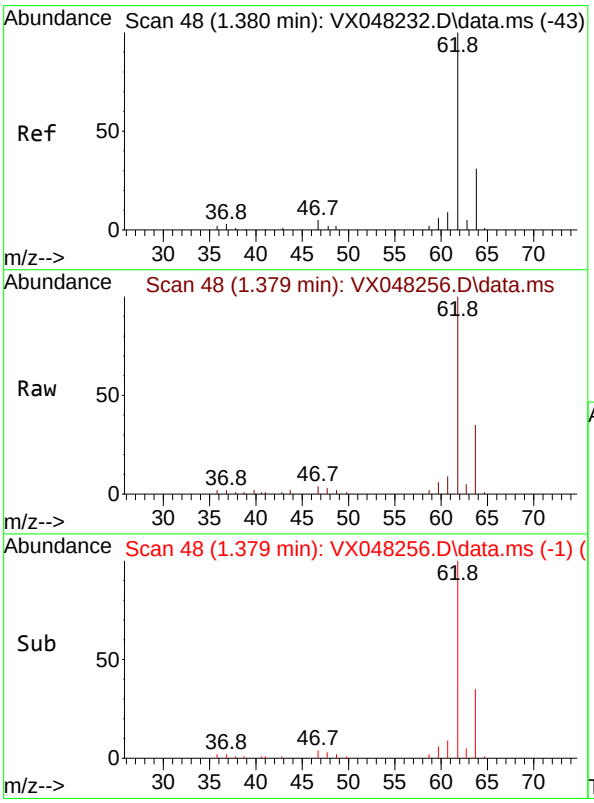
#3
Chloromethane
Concen: 17.304 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 50 Resp: 22848

Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.9	38.9

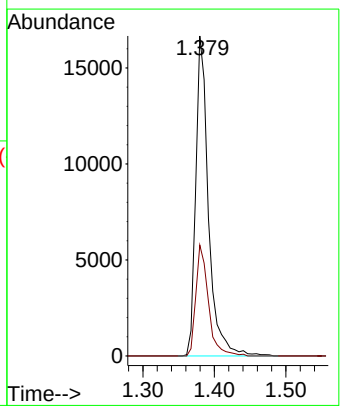


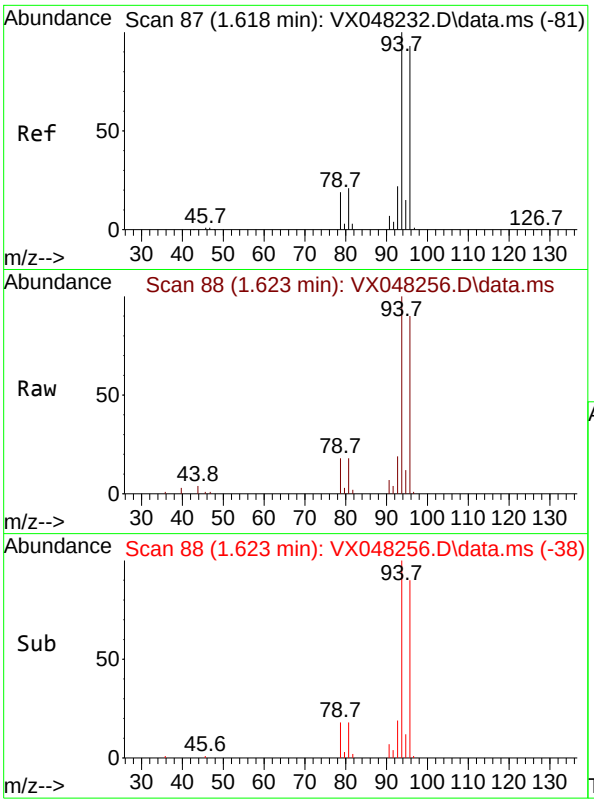


#4
Vinyl Chloride
Concen: 16.870 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 62 Resp: 20627

Ion	Ratio	Lower	Upper
62	100		
64	34.7	25.1	37.7



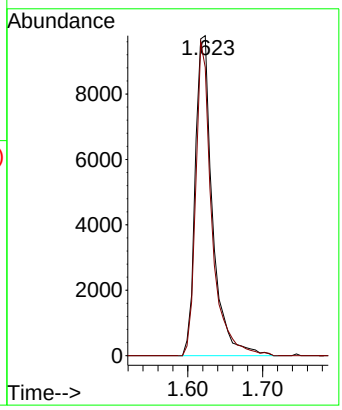


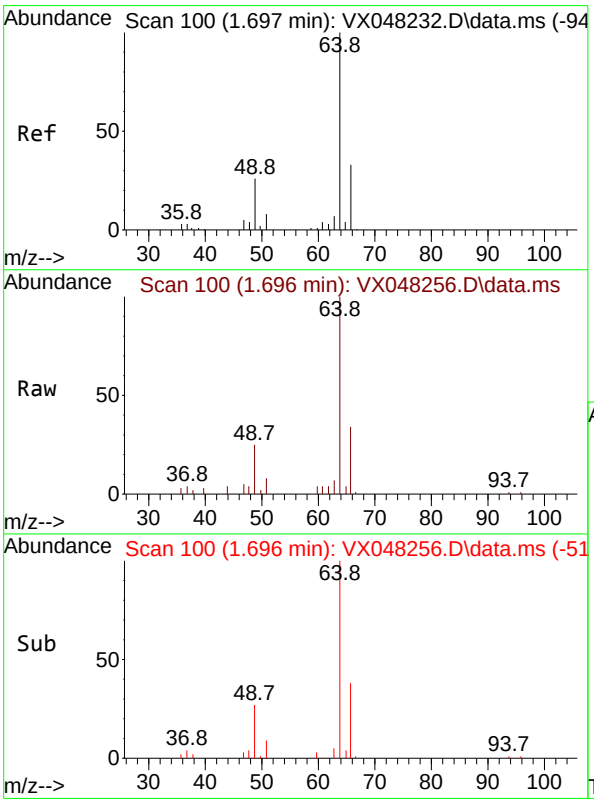
#5
Bromomethane
Concen: 18.966 ug/l
RT: 1.623 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 94 Resp: 15738

Ion	Ratio	Lower	Upper
94	100		
96	91.5	76.0	114.0

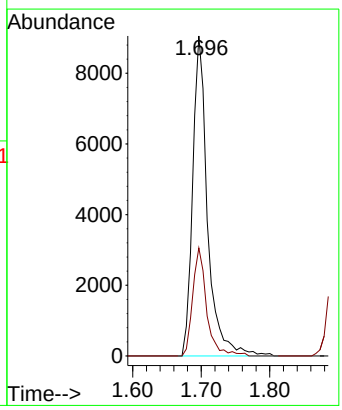


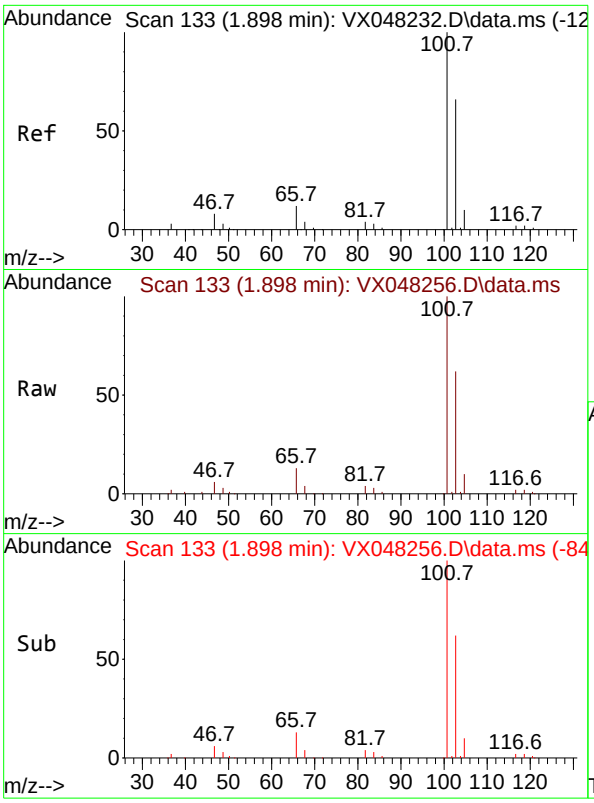


#6
Chloroethane
Concen: 19.000 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 64 Resp: 13651

Ion	Ratio	Lower	Upper
64	100		
66	34.4	23.9	35.9



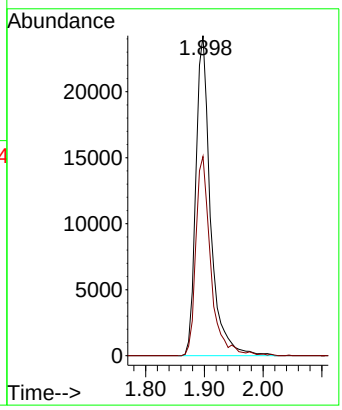


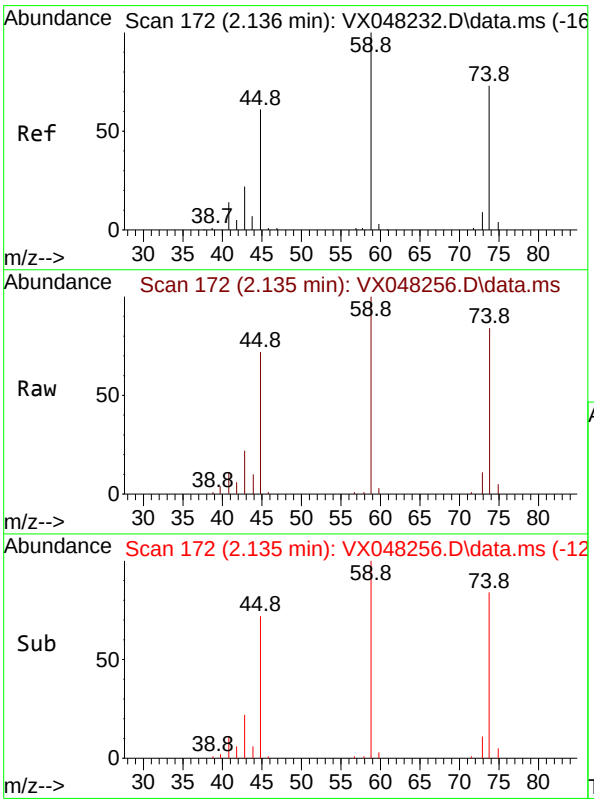
#7
Trichlorofluoromethane
Concen: 17.931 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:101 Resp: 42048

Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.6	77.4

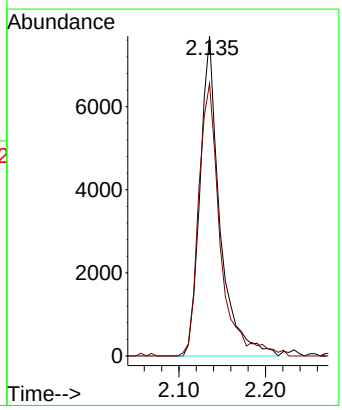


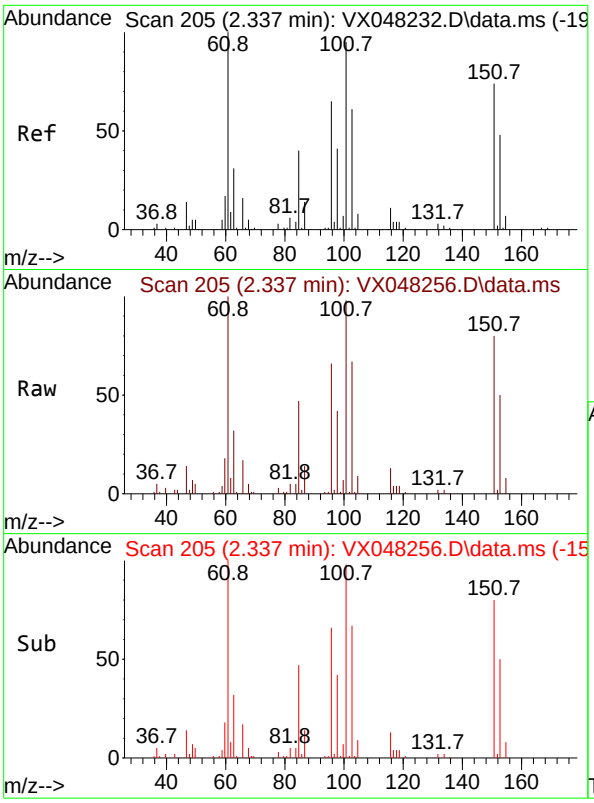


#8
Diethyl Ether
Concen: 18.416 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 74 Resp: 12151

Ion	Ratio	Lower	Upper
74	100		
45	93.4	50.0	149.8



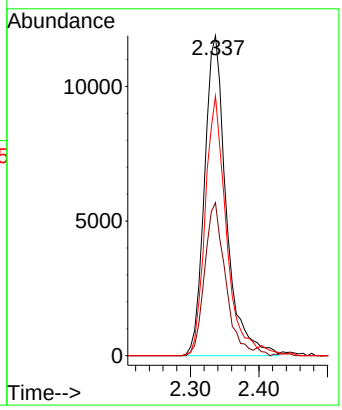


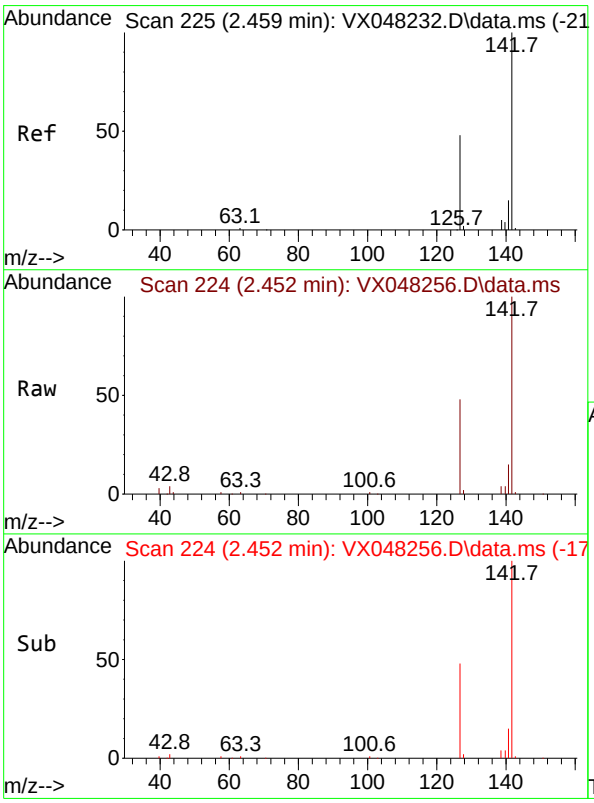
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.693 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:101 Resp: 26272

Ion	Ratio	Lower	Upper
101	100		
85	46.4	35.6	53.4
151	79.7	58.0	87.0

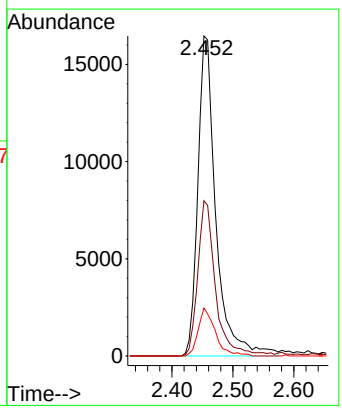


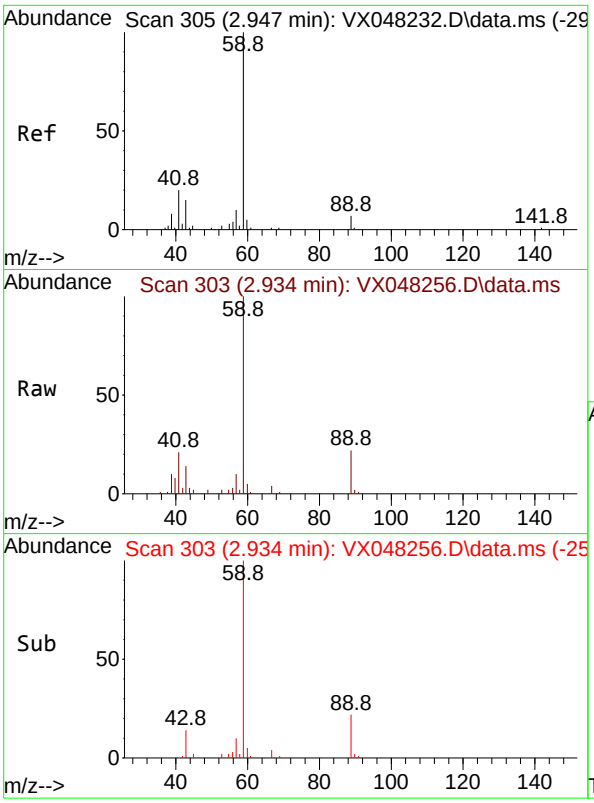


#10
Methyl Iodide
Concen: 18.168 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:142 Resp: 33915

Ion	Ratio	Lower	Upper
142	100		
127	47.7	38.5	57.7
141	14.2	11.6	17.4



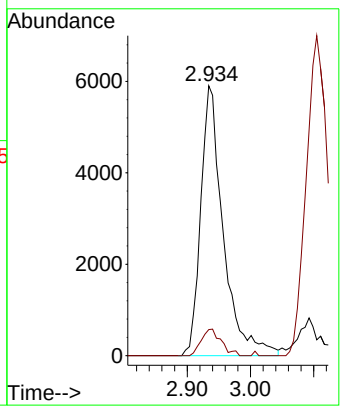


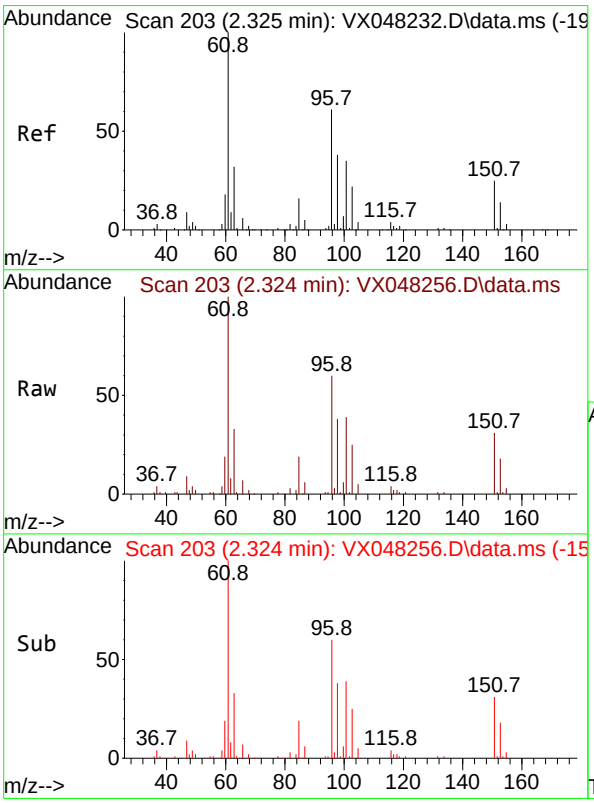
#11
Tert butyl alcohol
Concen: 76.307 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 59 Resp: 14617

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.2	12.4

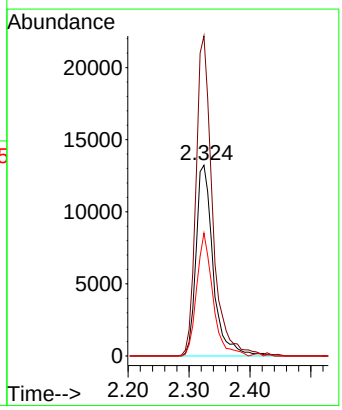


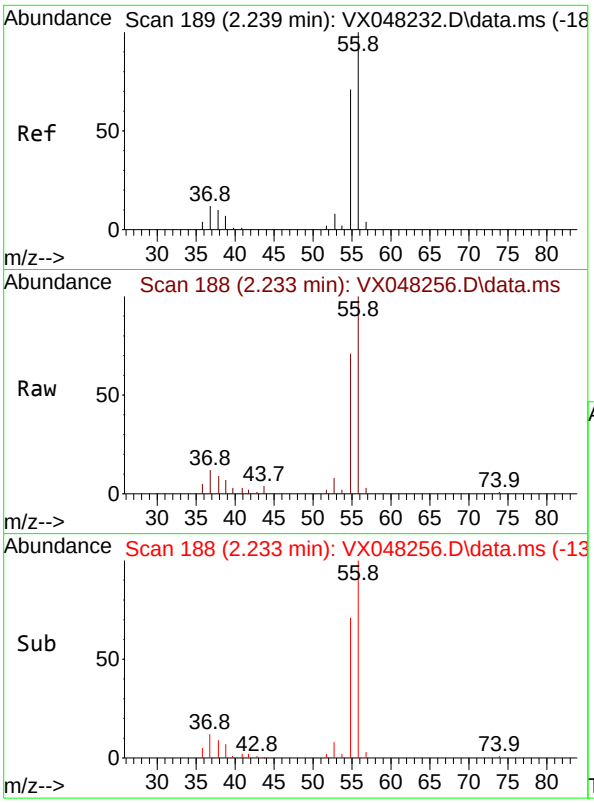


#12
1,1-Dichloroethene
Concen: 17.866 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 96 Resp: 25810

Ion	Ratio	Lower	Upper
96	100		
61	167.8	139.0	208.6
98	64.4	52.4	78.6



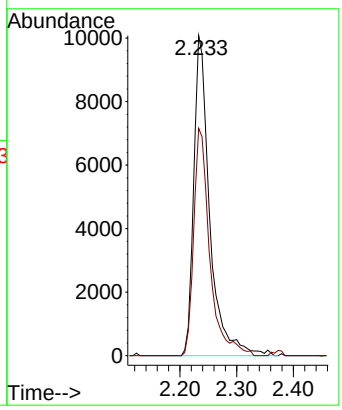


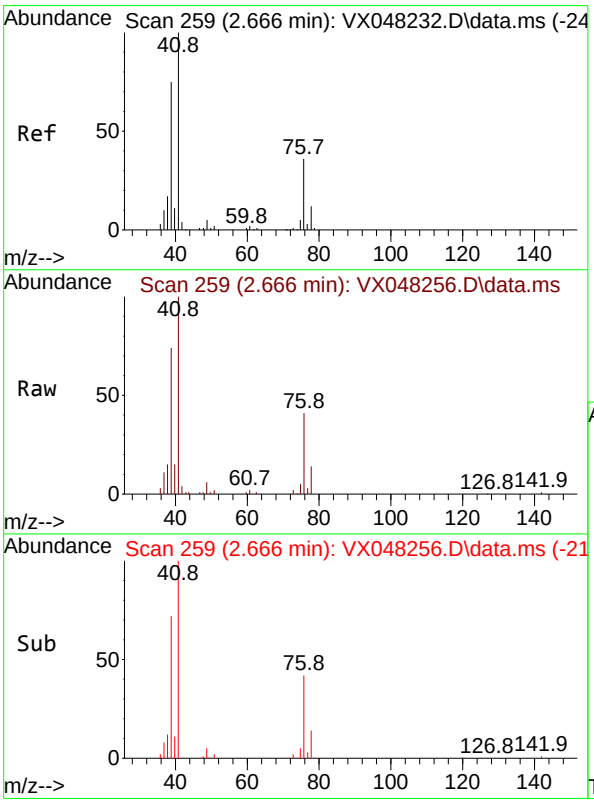
#13
Acrolein
Concen: 100.924 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 56 Resp: 19717

Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.1	84.1

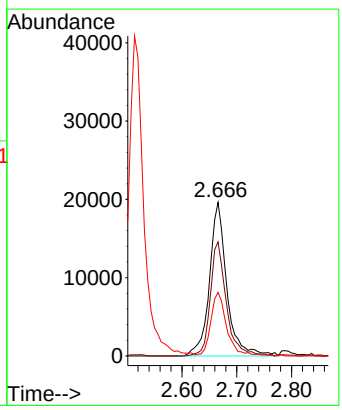


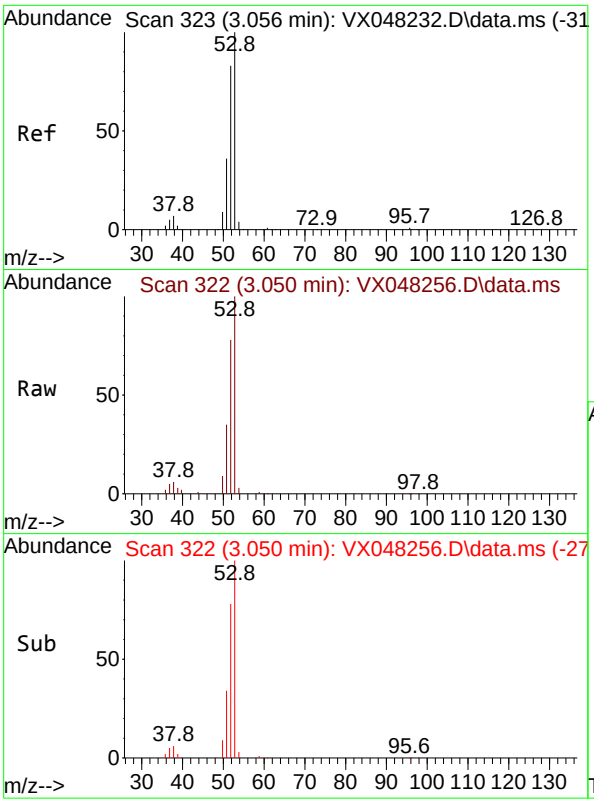


#14
Allyl chloride
Concen: 17.990 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 41 Resp: 43150

Ion	Ratio	Lower	Upper
41	100		
39	68.5	56.0	84.0
76	38.0	27.5	41.3



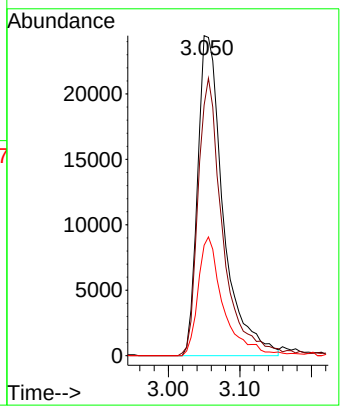


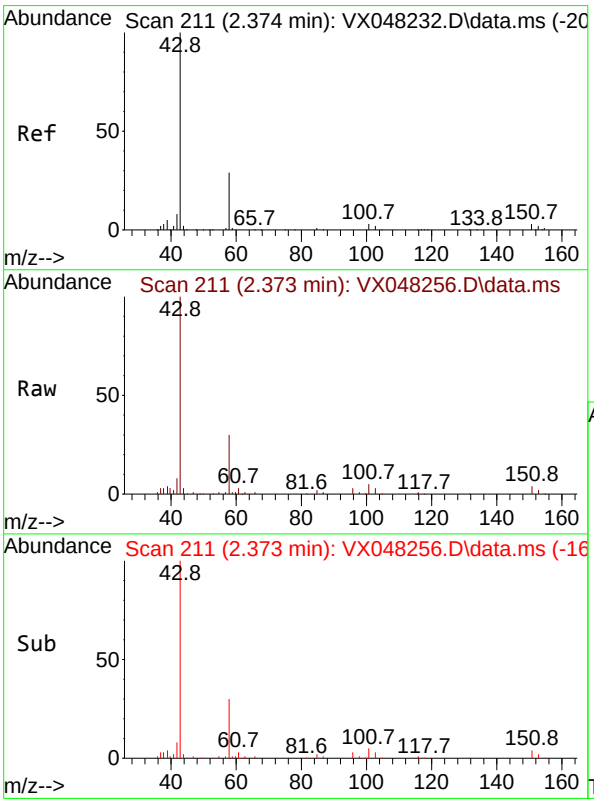
#15
Acrylonitrile
Concen: 88.017 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 53 Resp: 60796

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.1	99.1
51	36.9	29.0	43.4

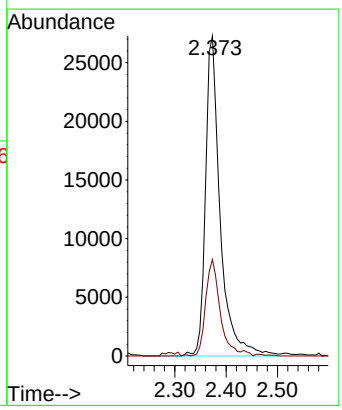


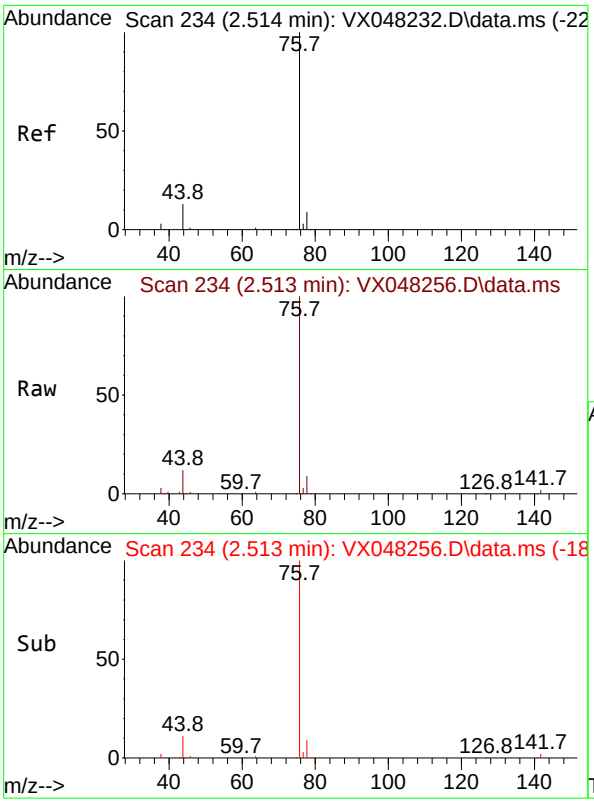


#16
Acetone
Concen: 81.562 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 53983

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.4	35.2



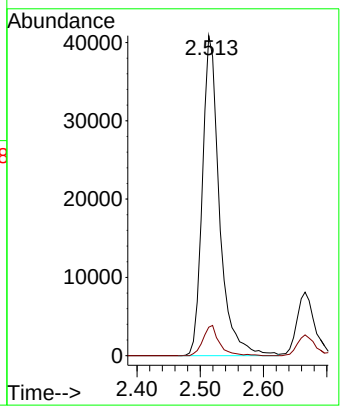


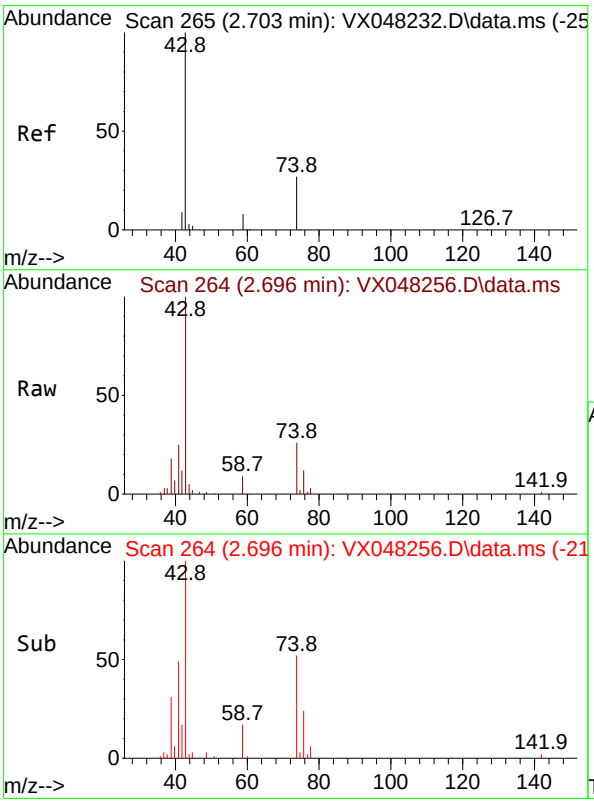
#17
Carbon Disulfide
Concen: 16.874 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 76 Resp: 76828

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

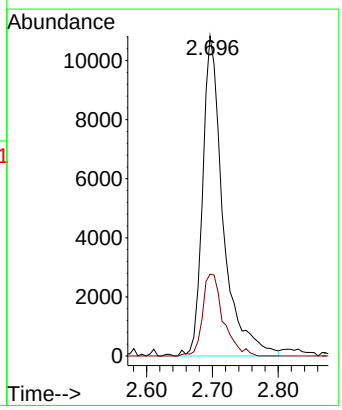


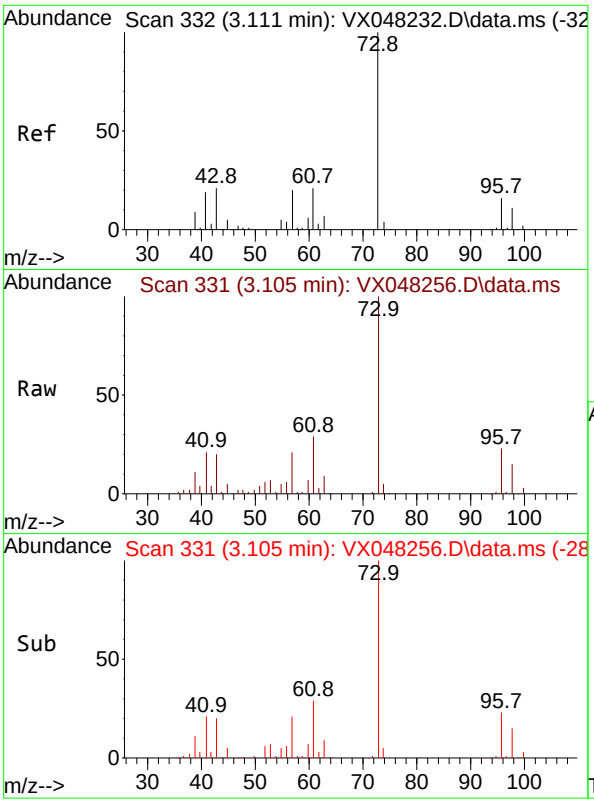


#18
Methyl Acetate
Concen: 16.928 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 23399

Ion	Ratio	Lower	Upper
43	100		
74	26.0	17.5	26.3



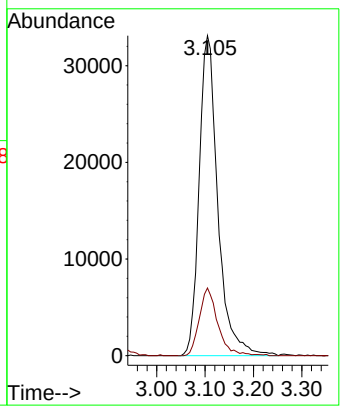


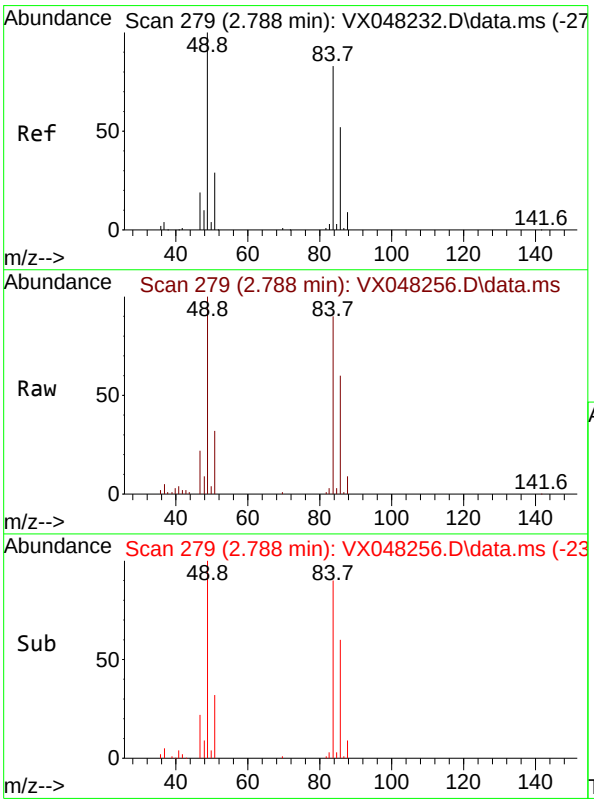
#19
Methyl tert-butyl Ether
Concen: 18.041 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 73 Resp: 88912

Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.7	26.5

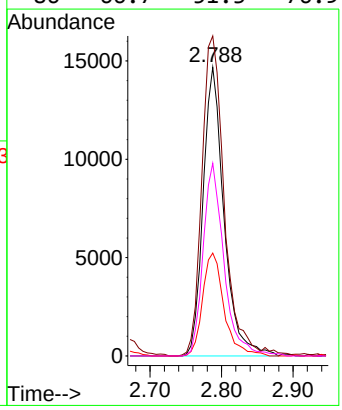


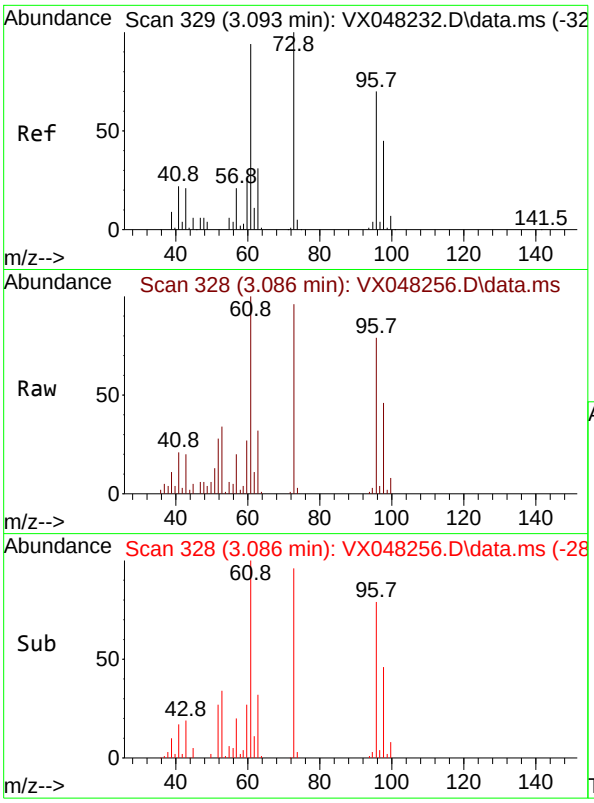


#20
Methylene Chloride
Concen: 18.498 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 84 Resp: 29832

Ion	Ratio	Lower	Upper
84	100		
49	110.8	104.1	156.1
51	35.6	31.3	46.9
86	66.7	51.3	76.9



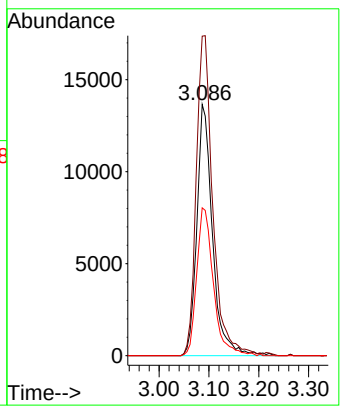


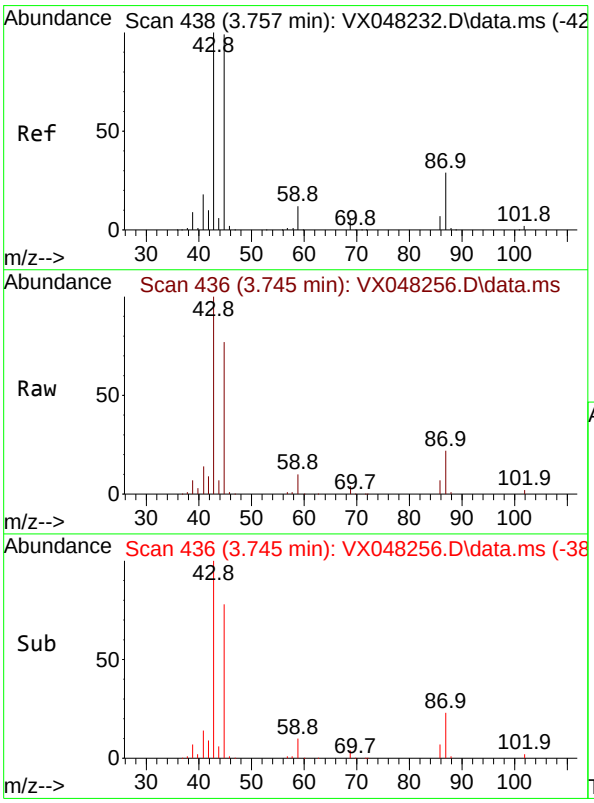
#21
trans-1,2-Dichloroethene
Concen: 18.810 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 96 Resp: 29850

Ion	Ratio	Lower	Upper
96	100		
61	121.5	111.9	167.9
98	56.2	51.2	76.8

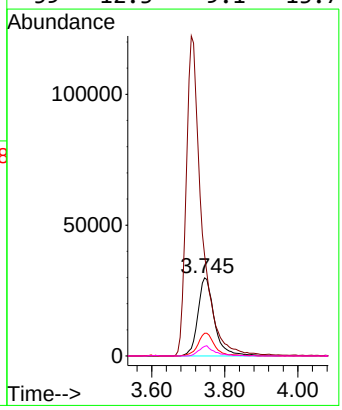


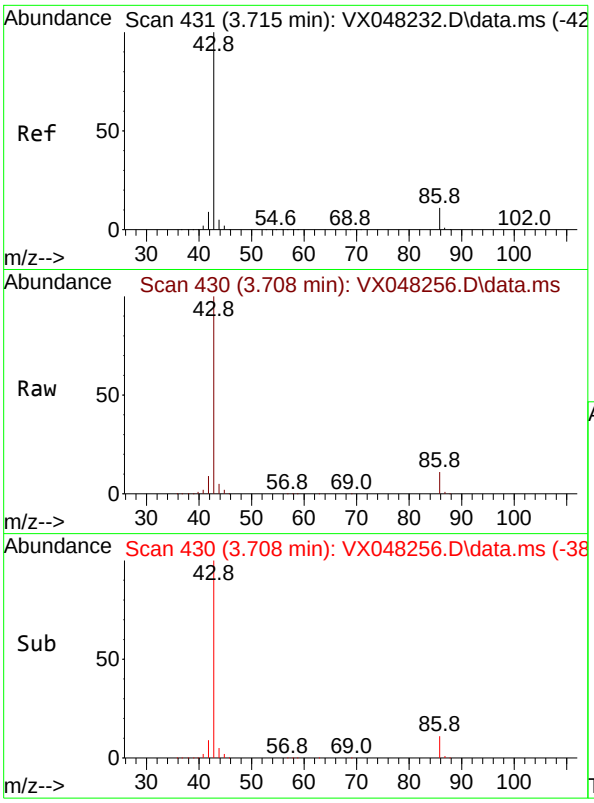


#22
Diisopropyl ether
Concen: 19.594 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 45 Resp: 93736

Ion	Ratio	Lower	Upper
45	100		
43	127.1	89.8	134.8
87	29.0	20.6	31.0
59	12.3	9.1	13.7



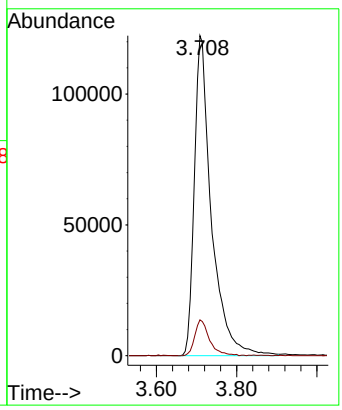


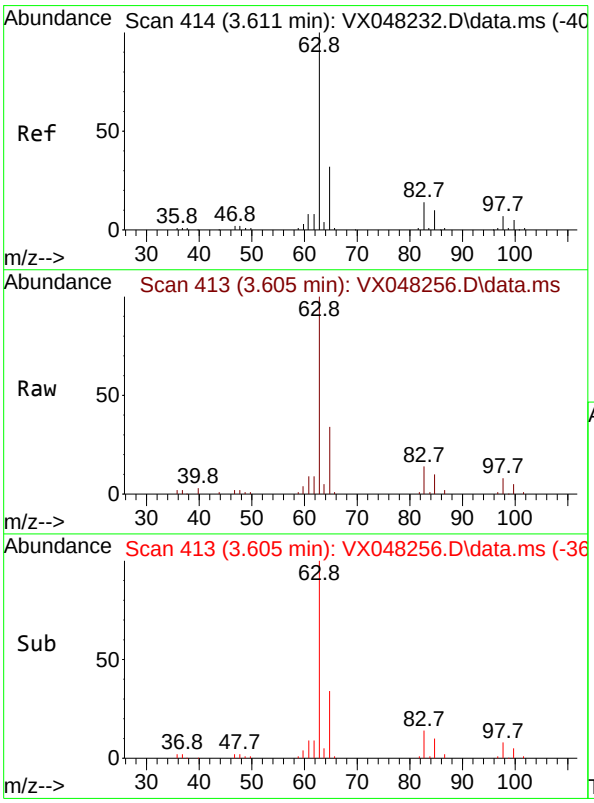
#23
Vinyl Acetate
Concen: 94.430 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 360854

Ion	Ratio	Lower	Upper
43	100		
86	11.2	7.9	11.9

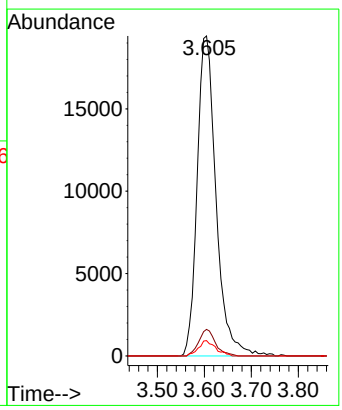


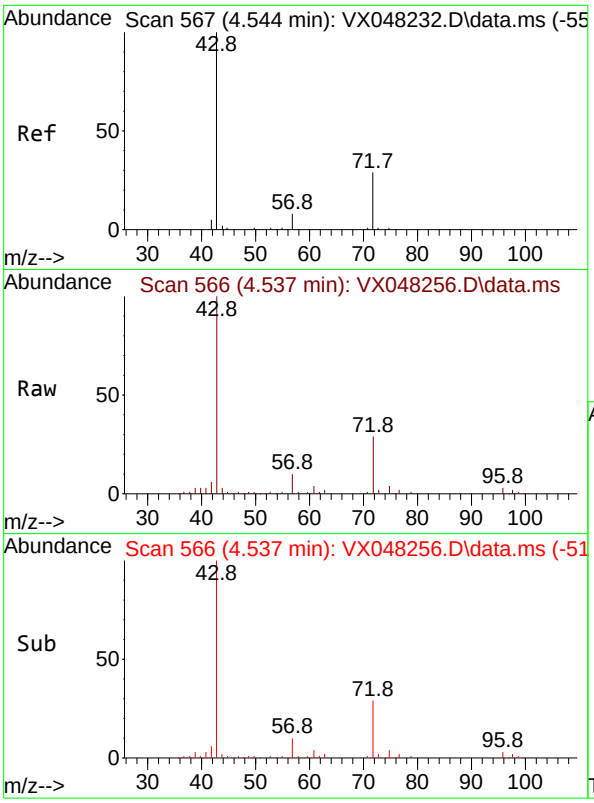


#24
1,1-Dichloroethane
Concen: 18.782 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 63 Resp: 54330

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.5	10.6
100	4.8	2.1	6.3



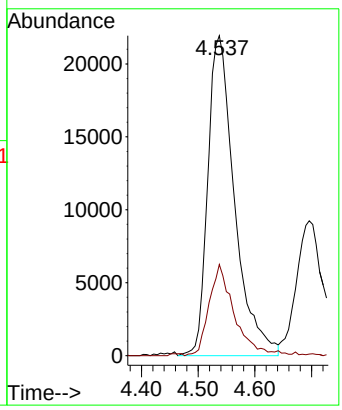


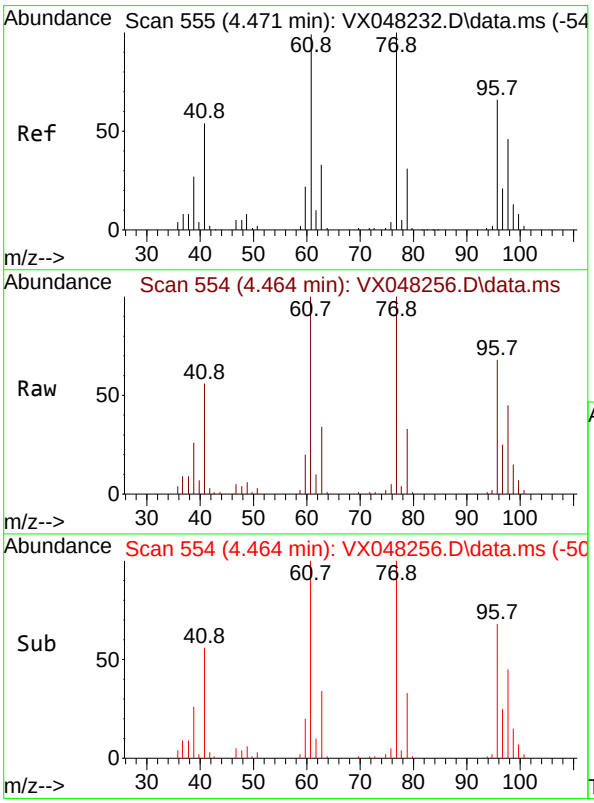
#25
2-Butanone
Concen: 85.682 ug/l
RT: 4.537 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 71780

Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.9	29.9

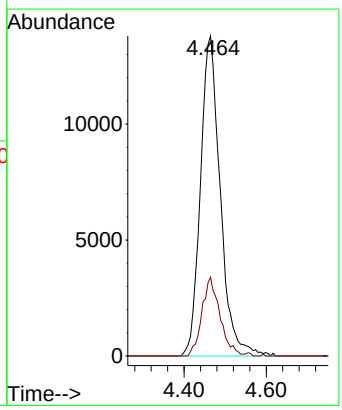


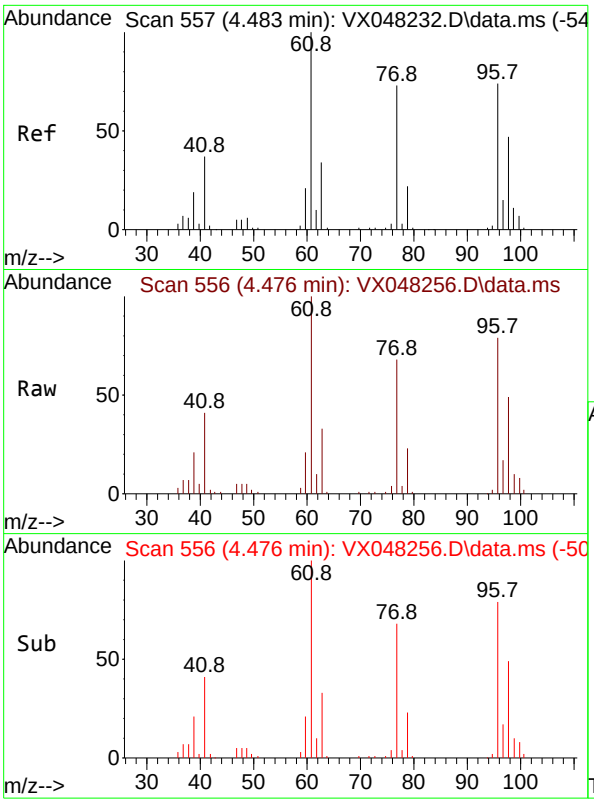


#26
2,2-Dichloropropane
Concen: 17.698 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 77 Resp: 46208

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.1	33.3



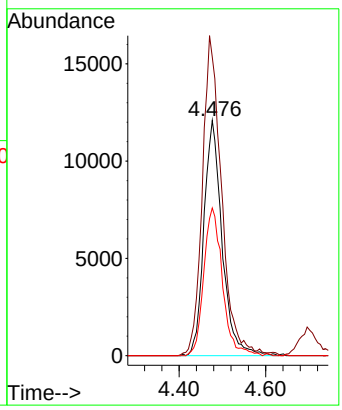


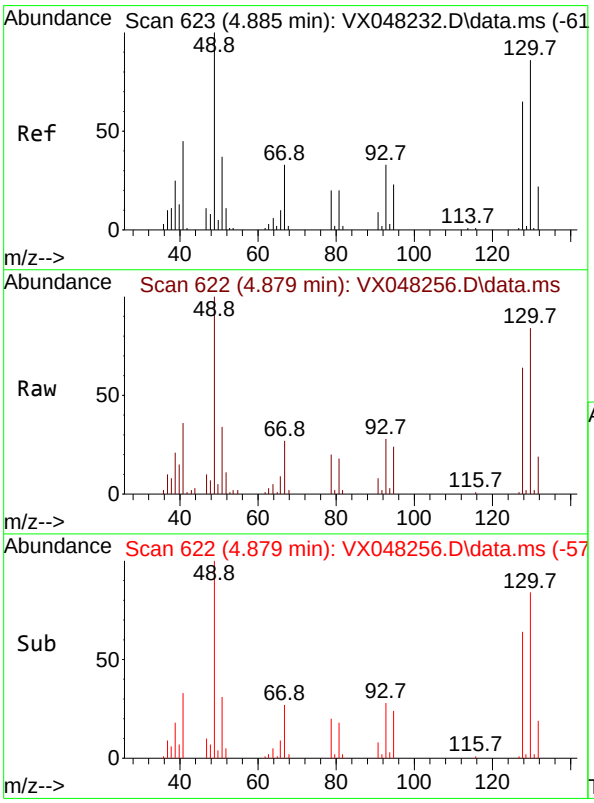
#27
cis-1,2-Dichloroethene
Concen: 19.056 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 96 Resp: 35291

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	294.2
98	64.4	0.0	128.4

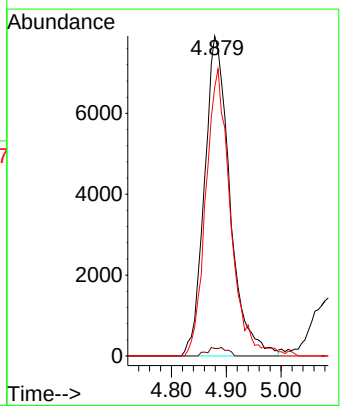


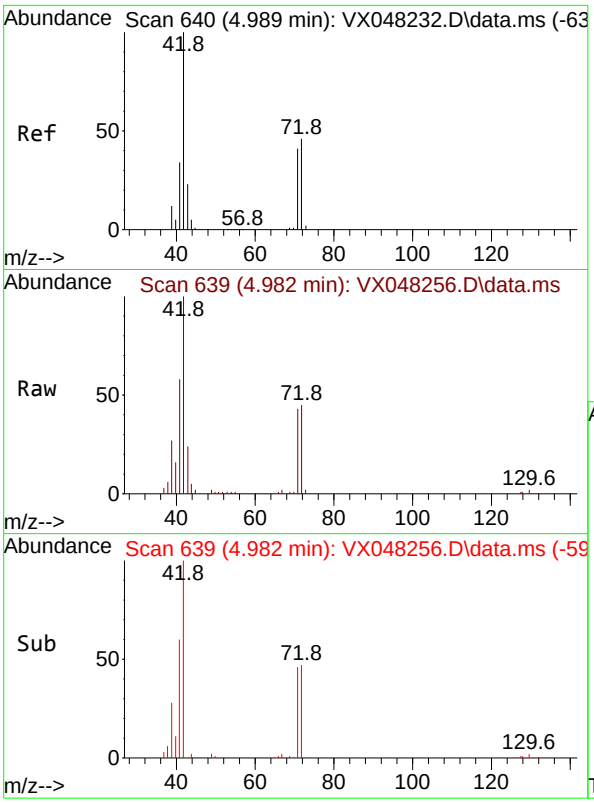


#28
Bromochloromethane
Concen: 21.258 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 49 Resp: 25497

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	86.8	59.3	88.9



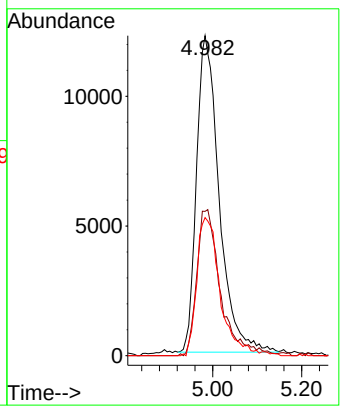


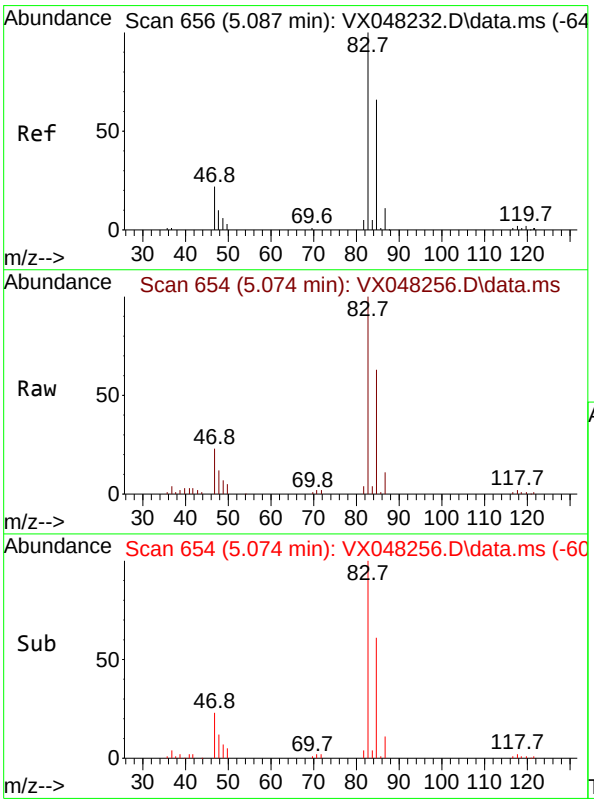
#29
Tetrahydrofuran
Concen: 86.106 ug/l
RT: 4.982 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 42 Resp: 43202

Ion	Ratio	Lower	Upper
42	100		
72	48.4	35.3	52.9
71	45.3	32.2	48.4

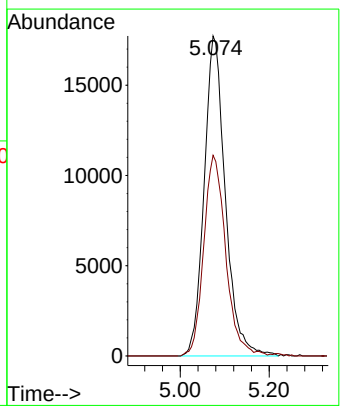


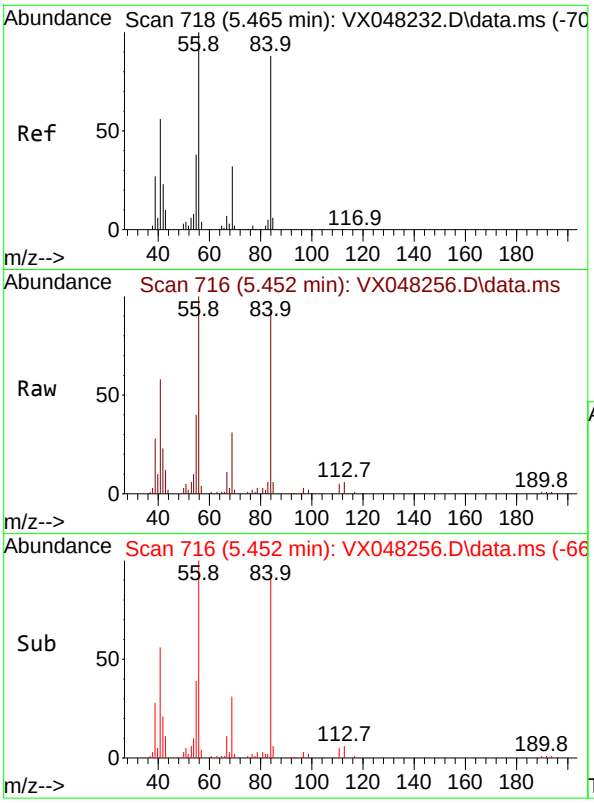


#30
Chloroform
Concen: 19.030 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 83 Resp: 58812

Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.1	75.1



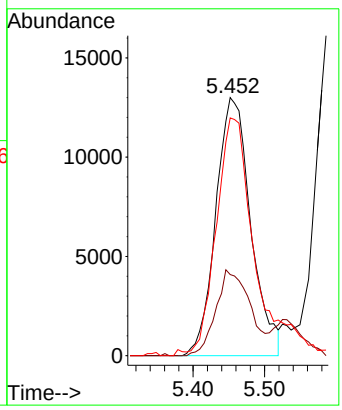


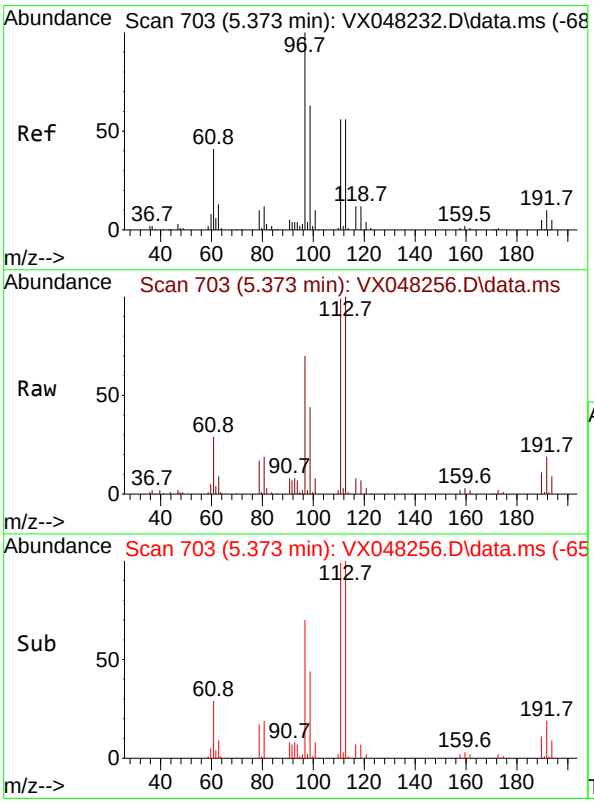
#31
Cyclohexane
Concen: 18.388 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 56 Resp: 44037

Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.0	34.6
84	89.8	64.6	97.0

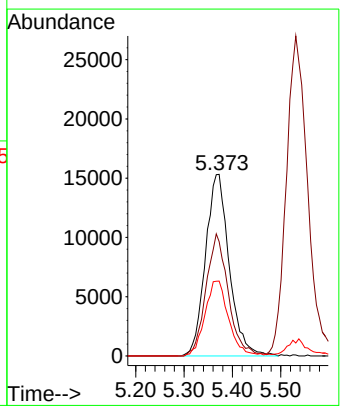


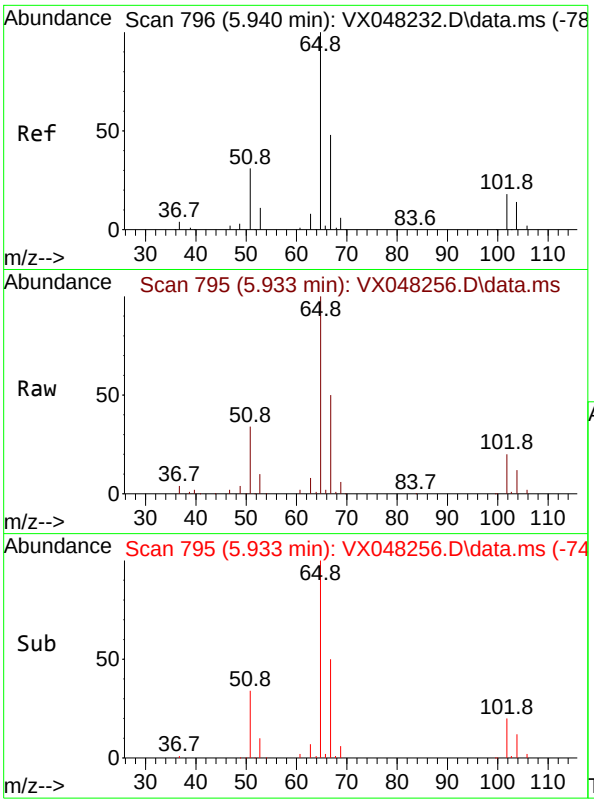


#32
1,1,1-Trichloroethane
Concen: 18.344 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 97 Resp: 52248

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	41.2	34.8	52.2



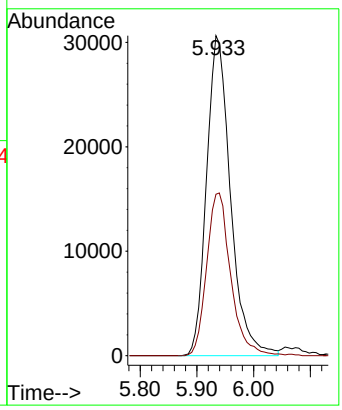


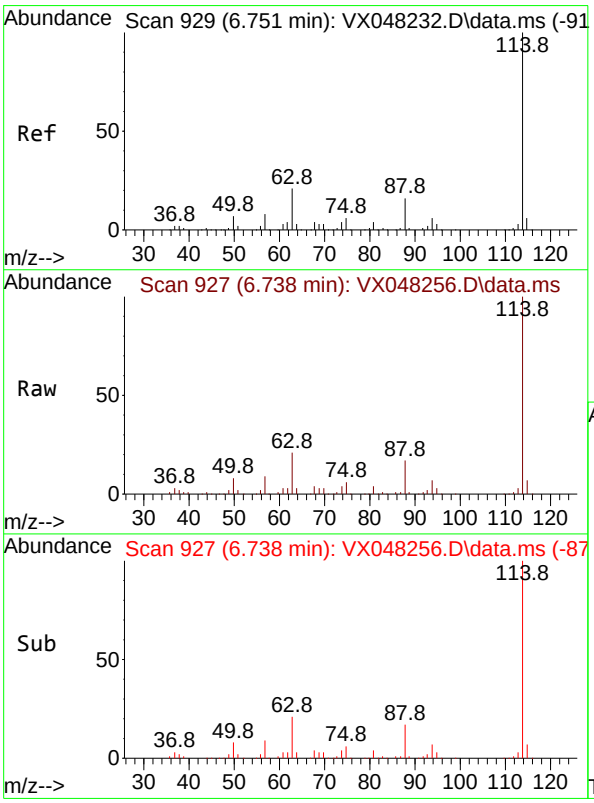
#33
1,2-Dichloroethane-d4
Concen: 46.523 ug/l
RT: 5.933 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 65 Resp: 89758

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0

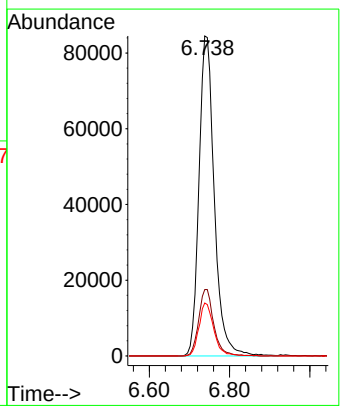


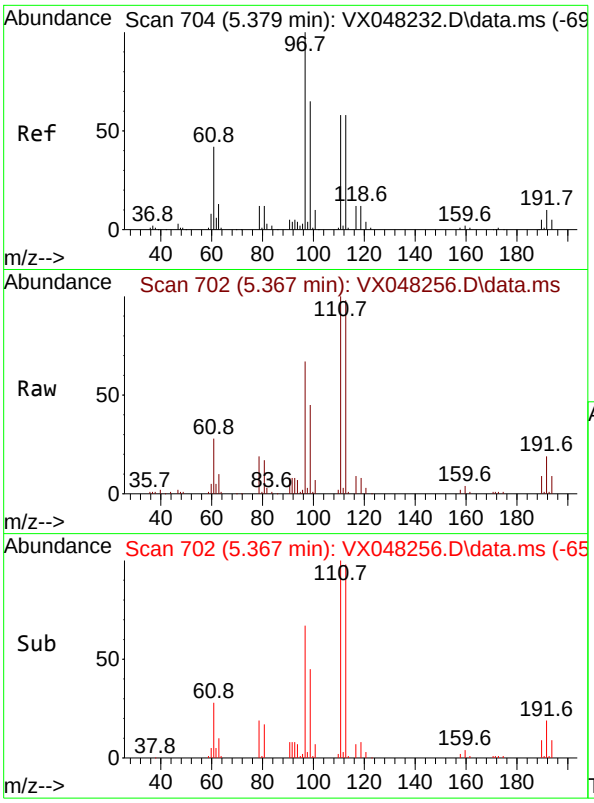


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:114 Resp: 224103

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	16.6	0.0	33.6



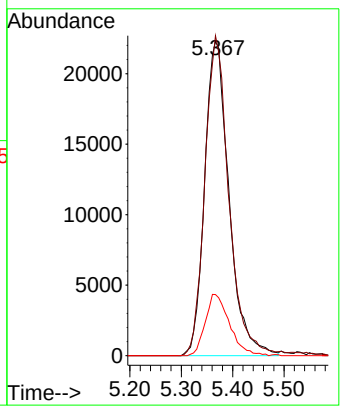


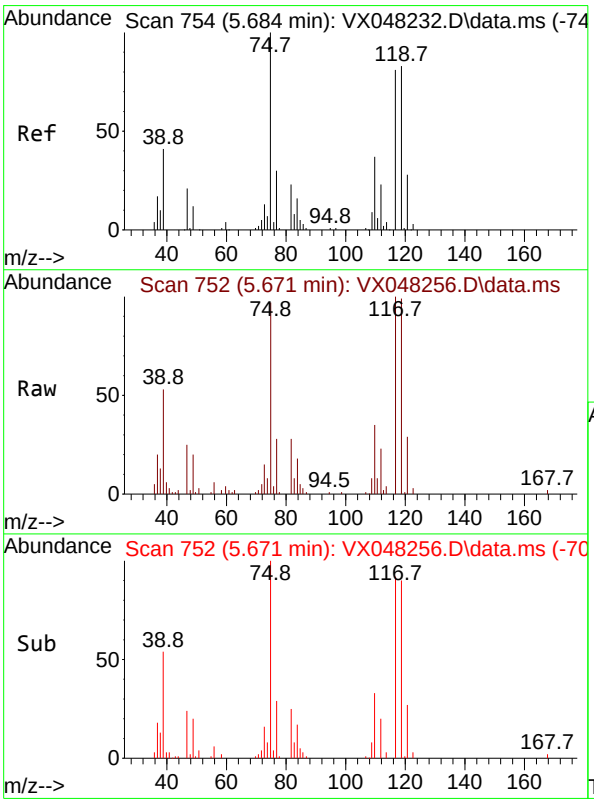
#35
Dibromofluoromethane
Concen: 47.972 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:113 Resp: 73394

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	19.4	15.1	22.7

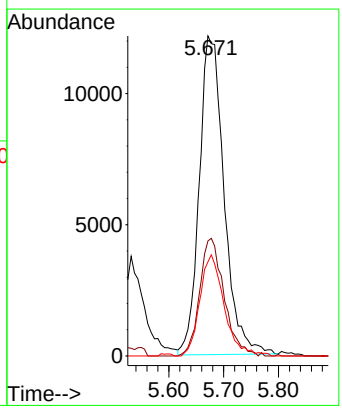


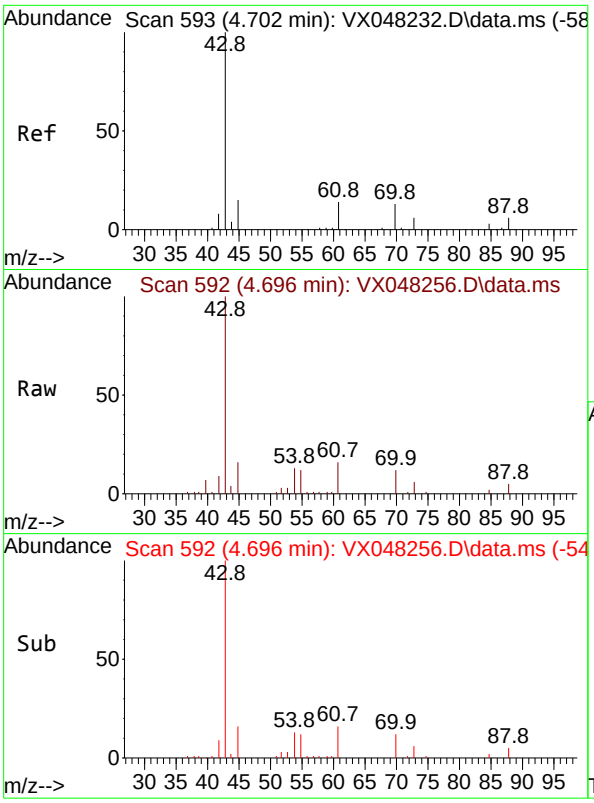


#36
1,1-Dichloropropene
Concen: 17.561 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.013 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 38187

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.7	53.1
77	31.0	24.3	36.5



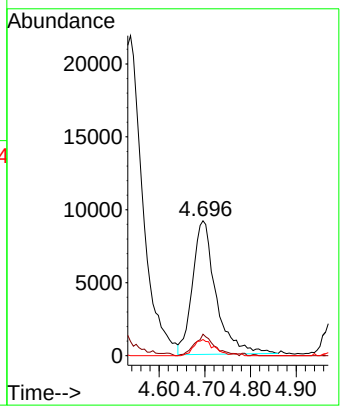


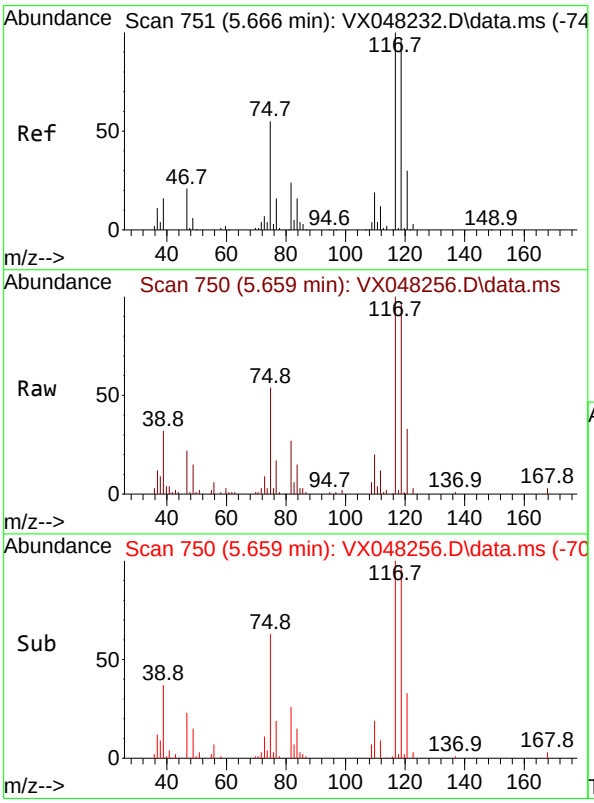
#37
Ethyl Acetate
Concen: 18.047 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 32528

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	15.8
70	10.4	7.8	11.6

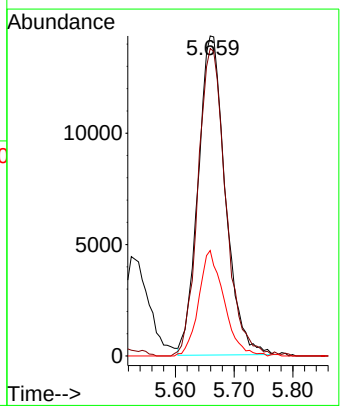


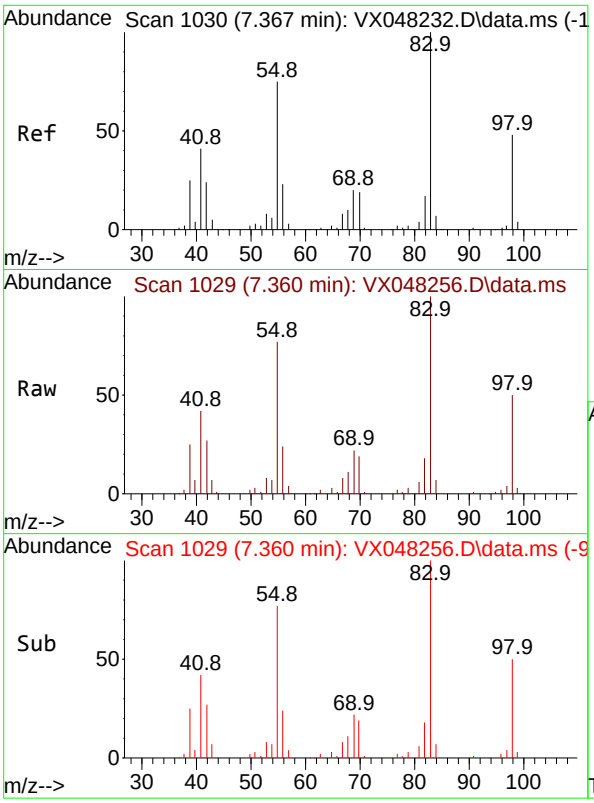


#38
Carbon Tetrachloride
Concen: 17.224 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:117 Resp: 46209

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8
121	32.7	24.8	37.2



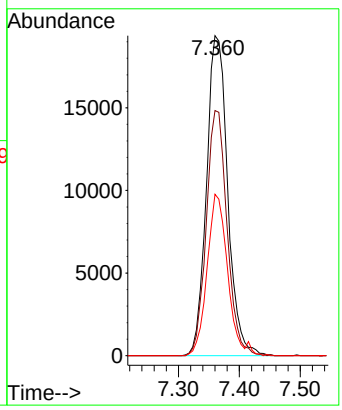


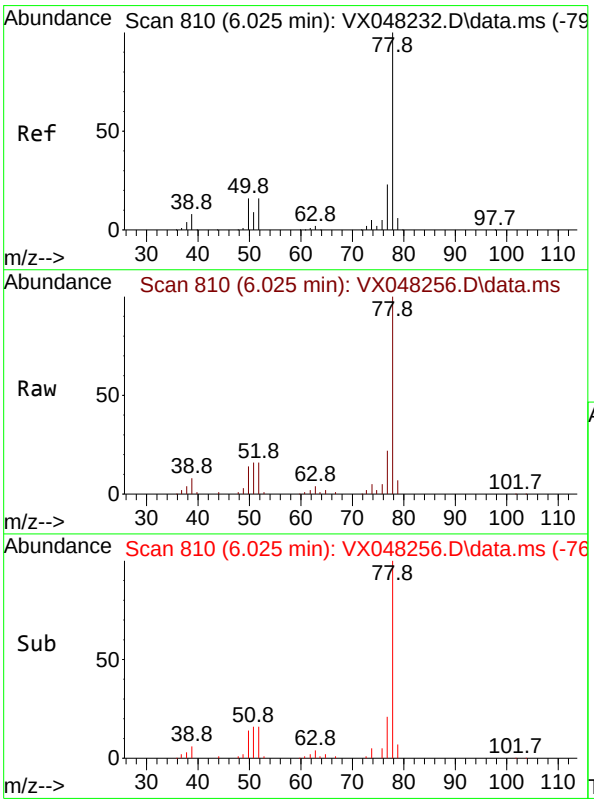
#39
Methylcyclohexane
Concen: 18.249 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 83 Resp: 46866

Ion	Ratio	Lower	Upper
83	100		
55	76.6	66.2	99.2
98	50.5	38.9	58.3

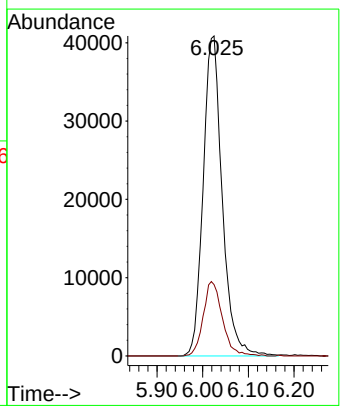


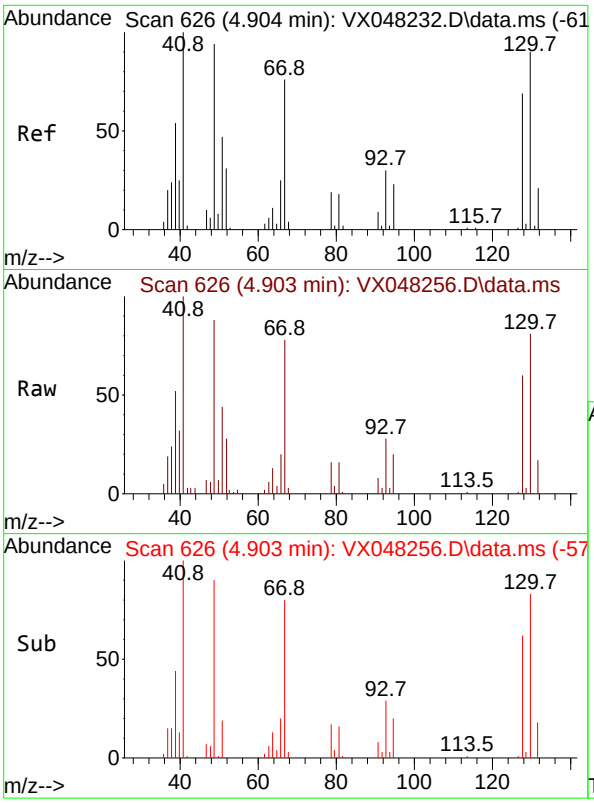


#40
Benzene
Concen: 18.752 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 78 Resp: 118391

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9



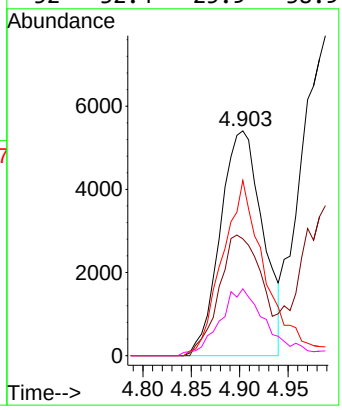


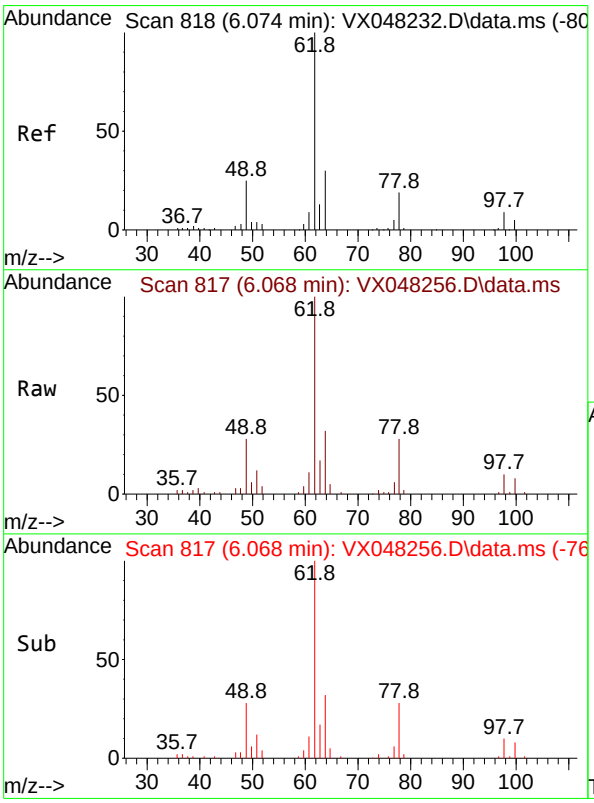
#41
Methacrylonitrile
Concen: 17.472 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 41 Resp: 16538

Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	78.9	58.7	88.1
52	32.4	25.9	38.9

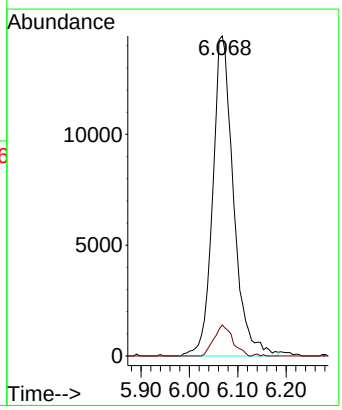


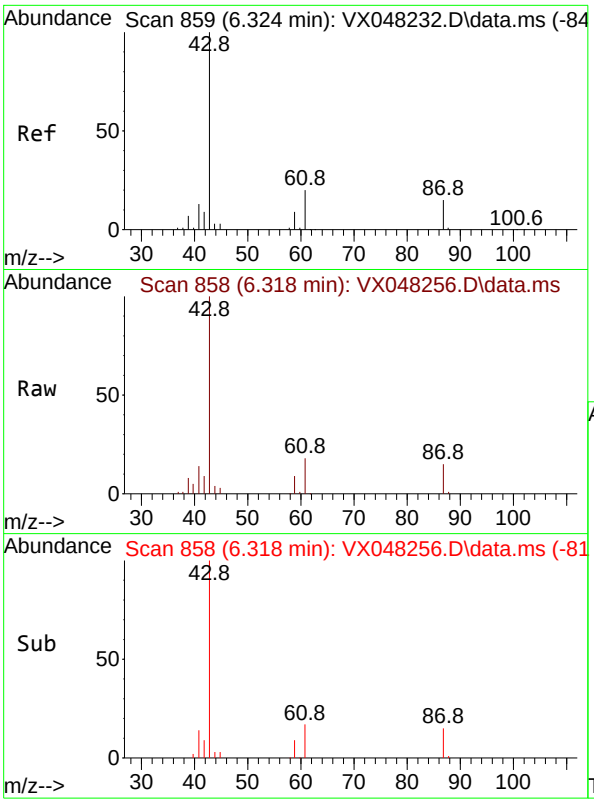


#42
1,2-Dichloroethane
Concen: 18.528 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 62 Resp: 43164

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



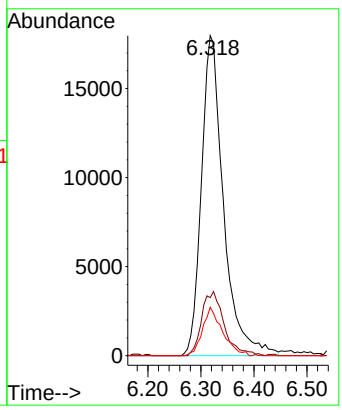


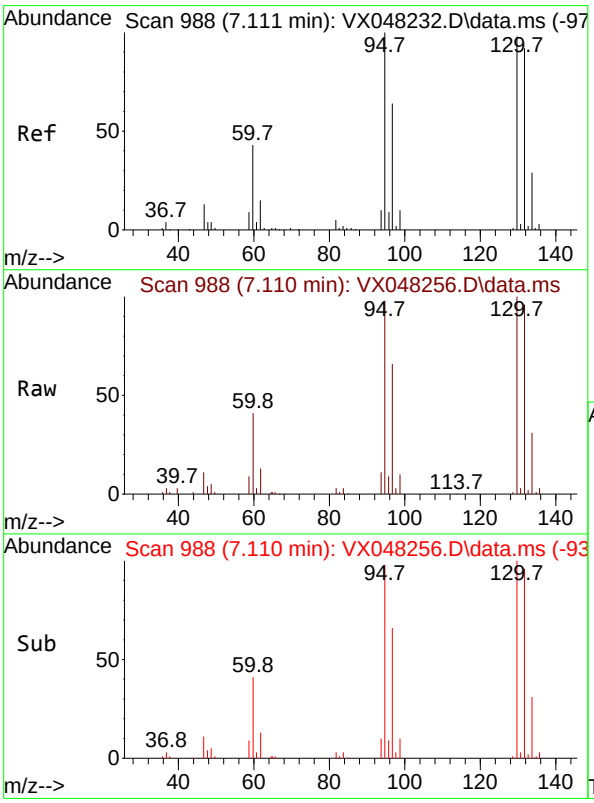
#43
Isopropyl Acetate
Concen: 17.569 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 52017

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.7	9.4	14.2

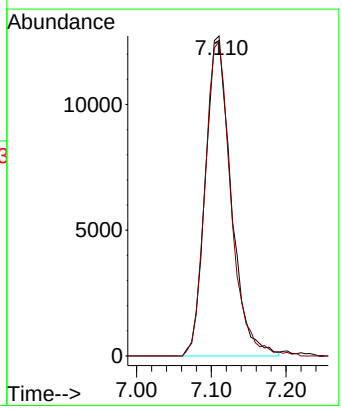


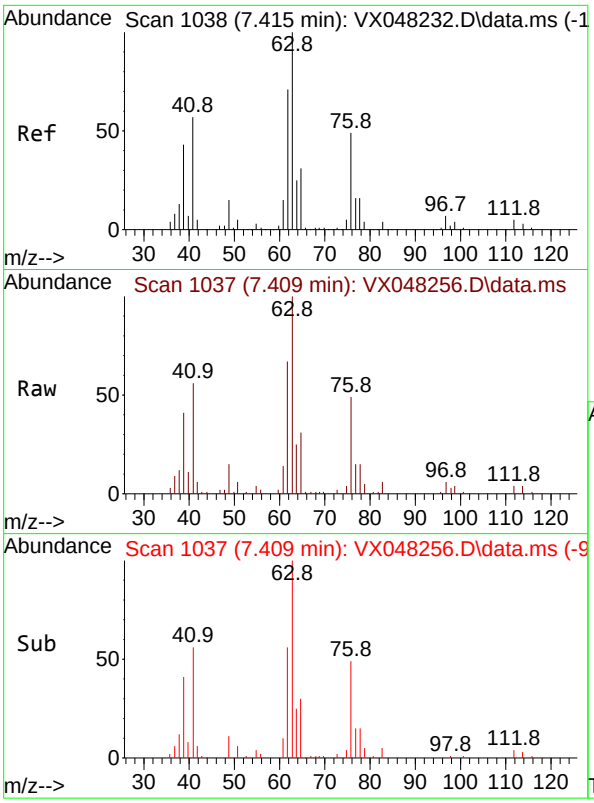


#44
Trichloroethene
Concen: 18.265 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:130 Resp: 30449

Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	200.6



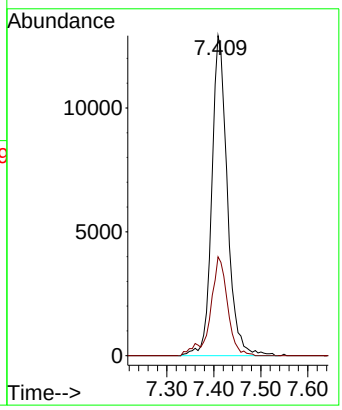


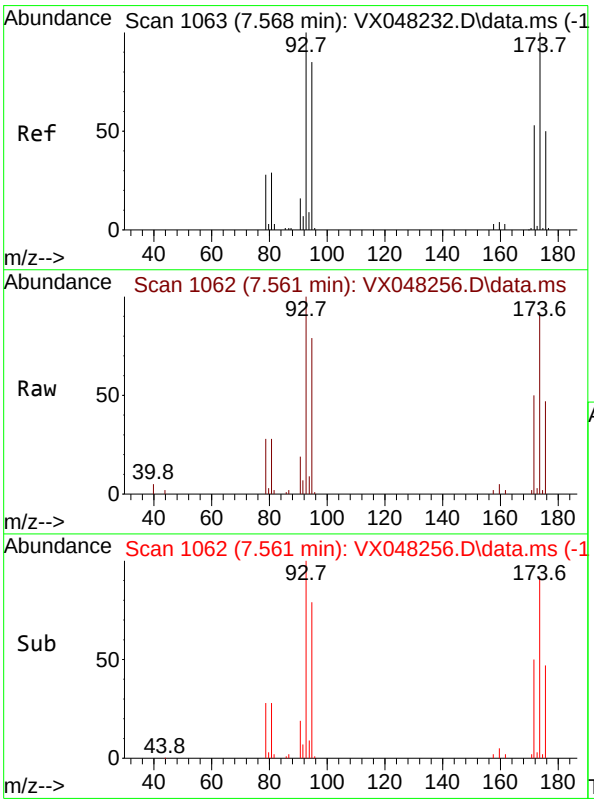
#45
1,2-Dichloropropane
Concen: 19.793 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 63 Resp: 29710

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.1	36.1

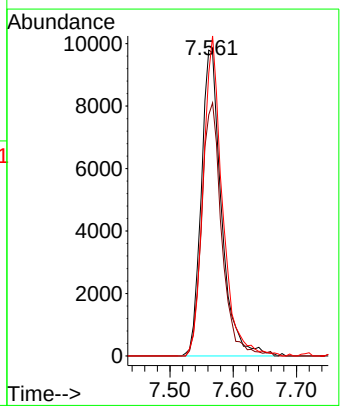


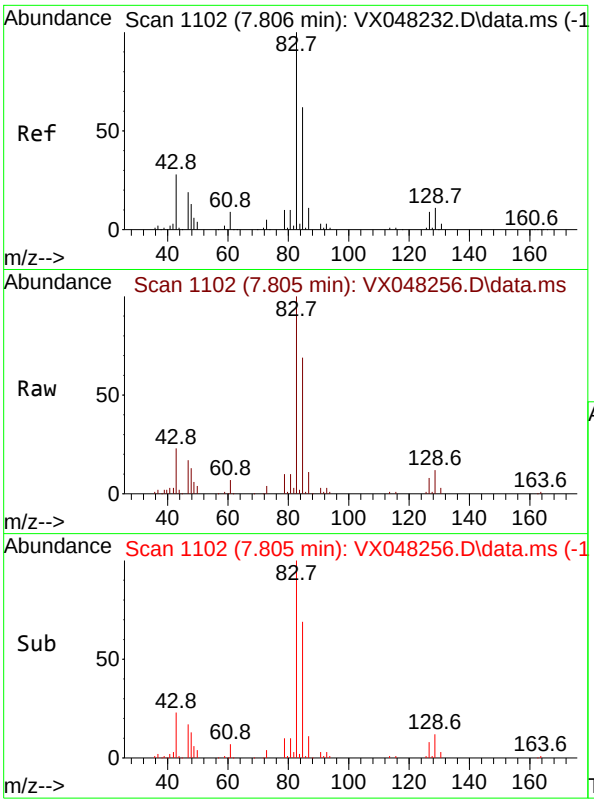


#46
Dibromomethane
Concen: 18.563 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 93 Resp: 21708

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.9	98.9
174	99.5	71.7	107.5



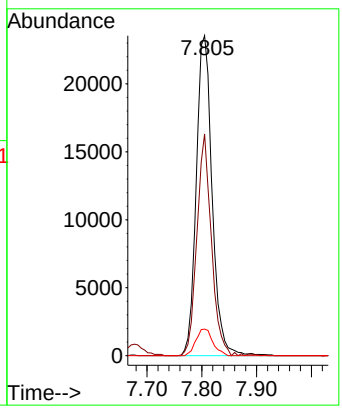


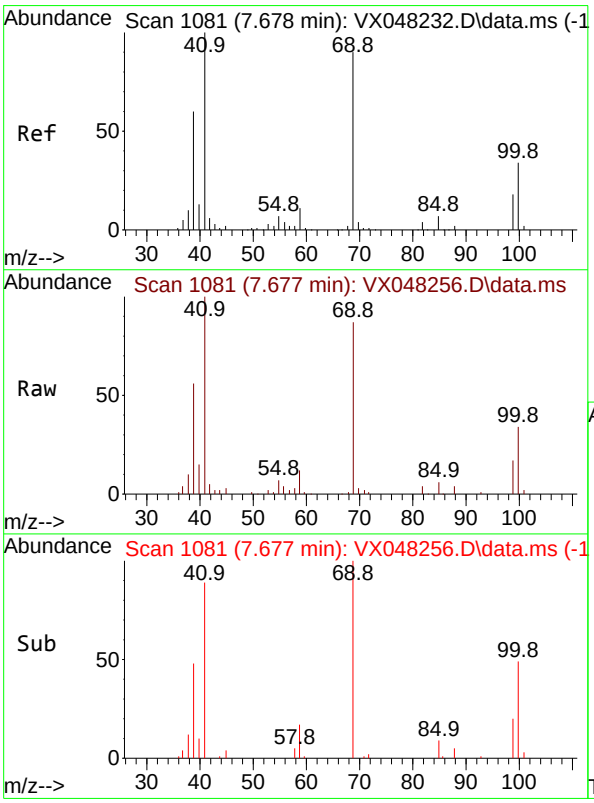
#47
Bromodichloromethane
Concen: 18.781 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 83 Resp: 47421

Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.2	78.4
127	8.3	7.3	10.9

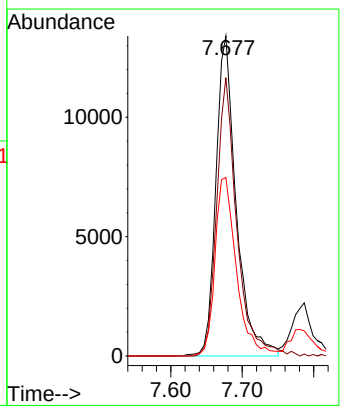


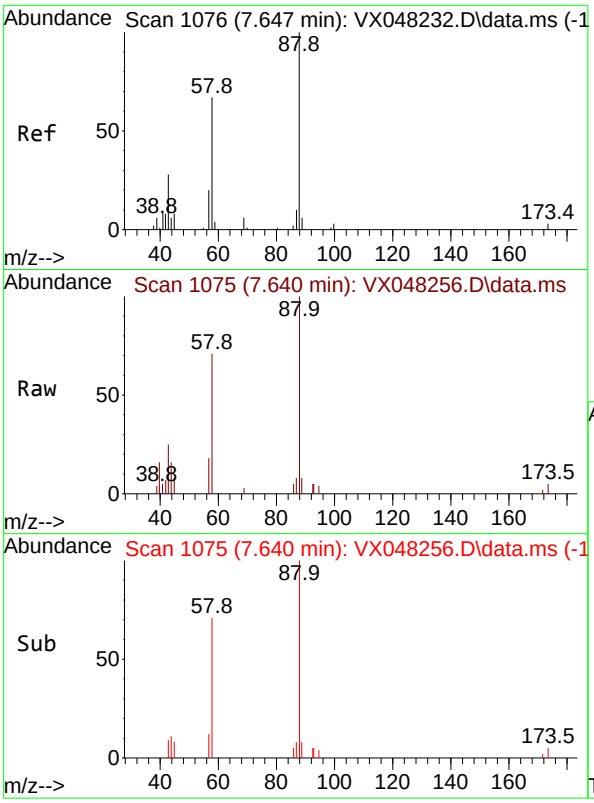


#48
Methyl methacrylate
Concen: 17.751 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 41 Resp: 26520

Ion	Ratio	Lower	Upper
41	100		
69	86.1	63.4	95.0
39	59.0	47.1	70.7



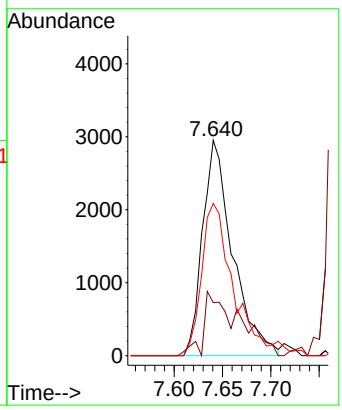


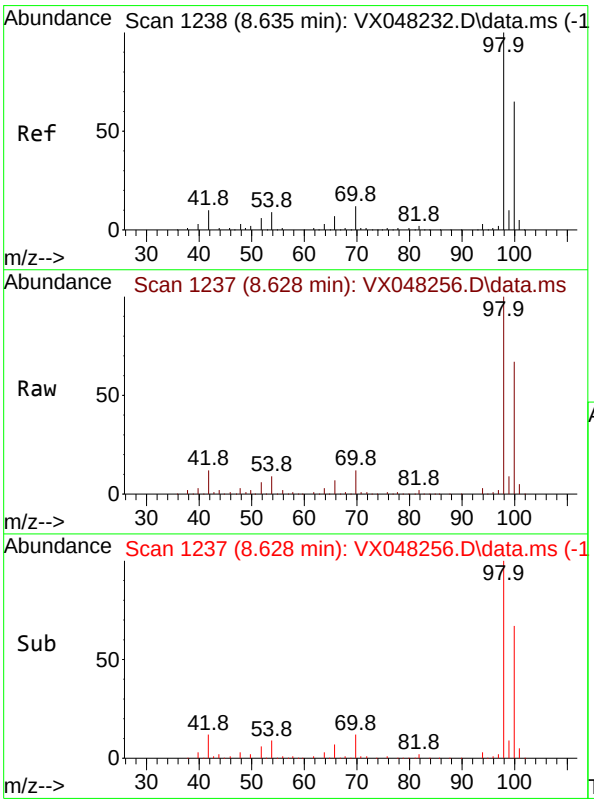
#49
1,4-Dioxane
Concen: 323.294 ug/l
RT: 7.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 88 Resp: 6381

Ion	Ratio	Lower	Upper
88	100		
43	21.2	35.0	52.4#
58	75.7	61.9	92.9

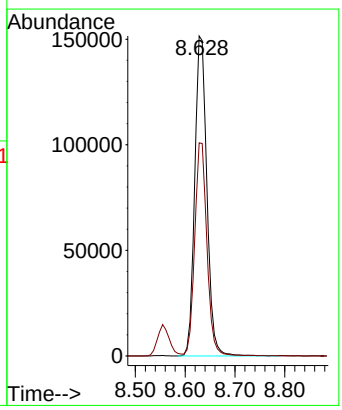


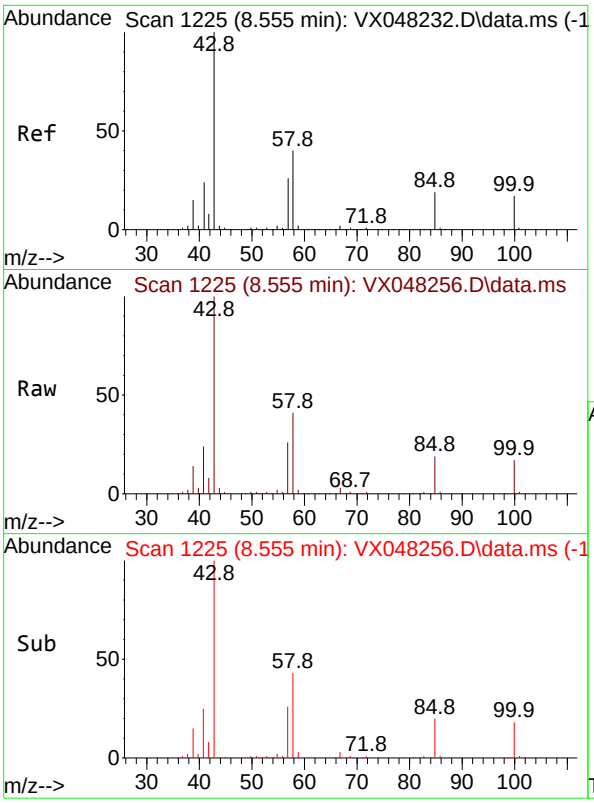


#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 98 Resp: 256689

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



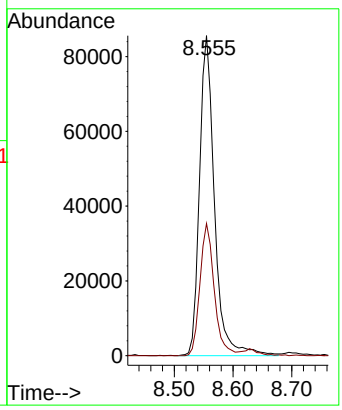


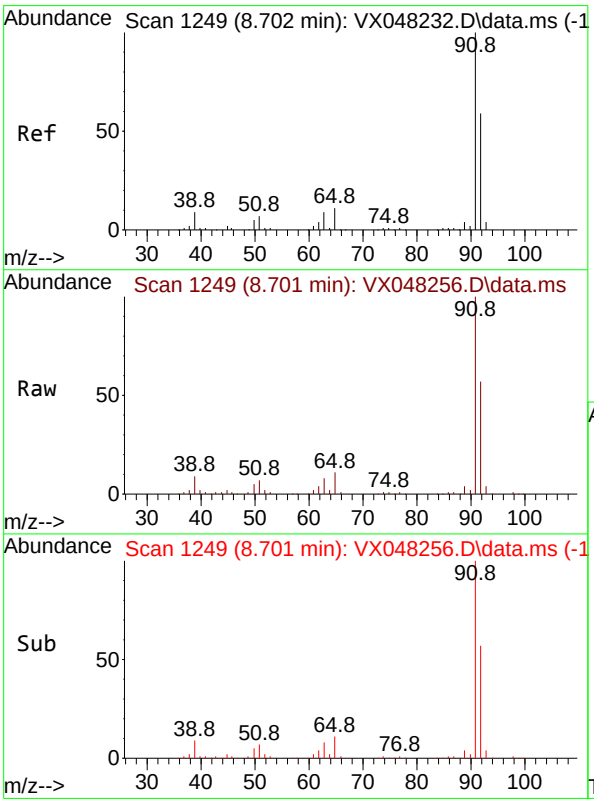
#51
4-Methyl-2-Pentanone
Concen: 88.982 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 151895

Ion	Ratio	Lower	Upper
43	100		
58	39.5	29.5	44.3

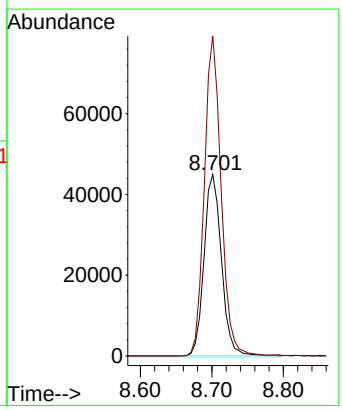


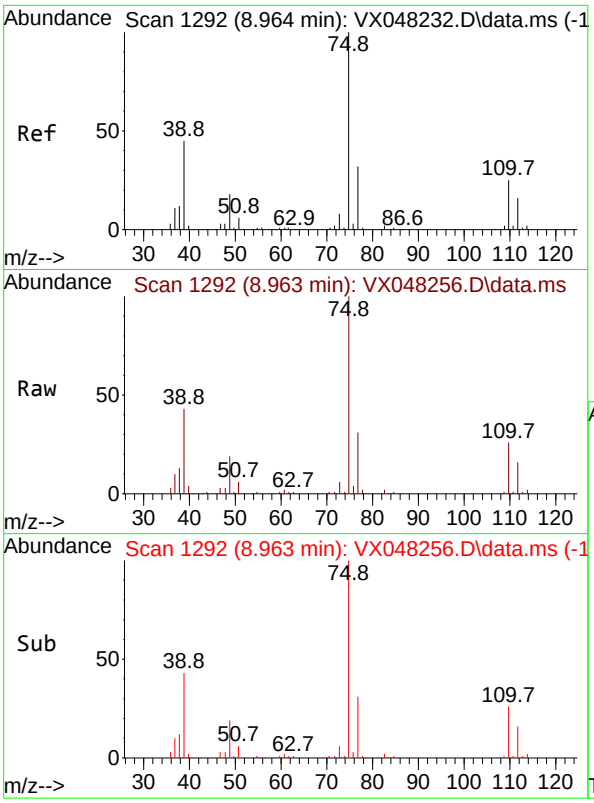


#52
Toluene
Concen: 18.906 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 92 Resp: 75829

Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.1	204.1



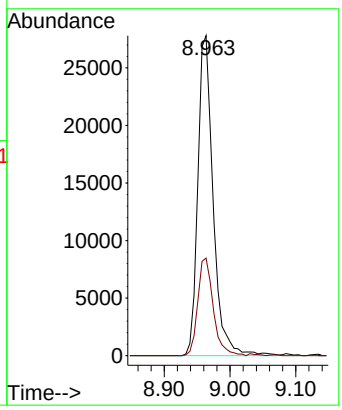


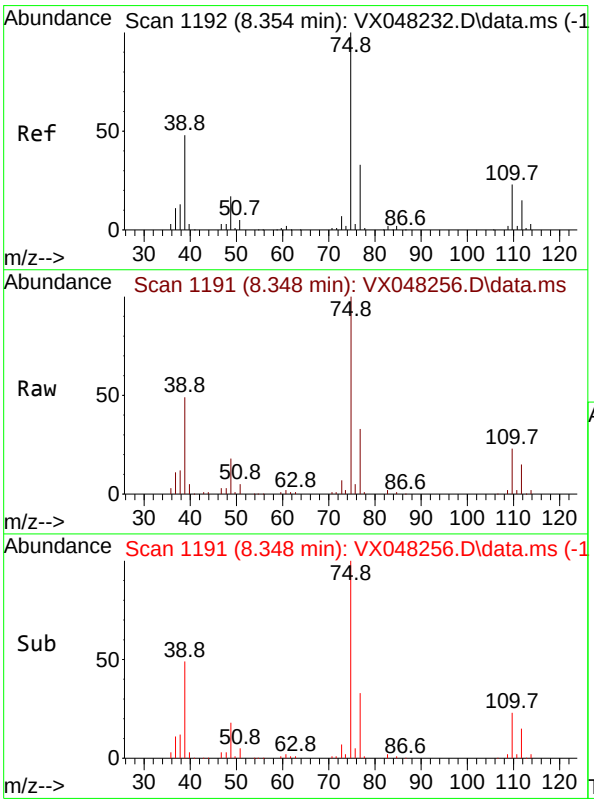
#53
t-1,3-Dichloropropene
Concen: 18.497 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 75 Resp: 45008

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.0	37.6

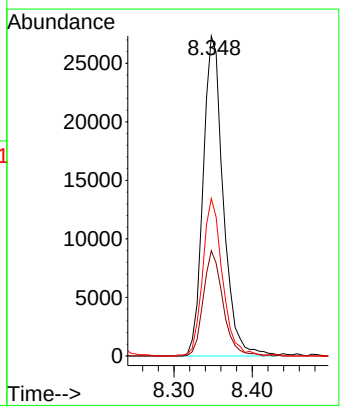


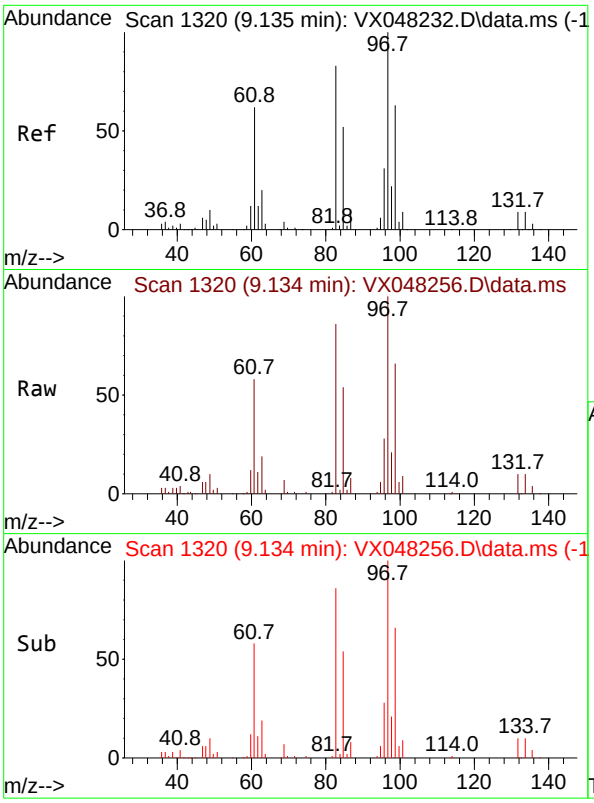


#54
cis-1,3-Dichloropropene
Concen: 18.541 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 48675

Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.9	37.3
39	48.8	42.6	64.0



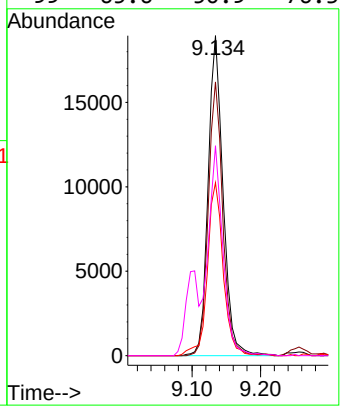


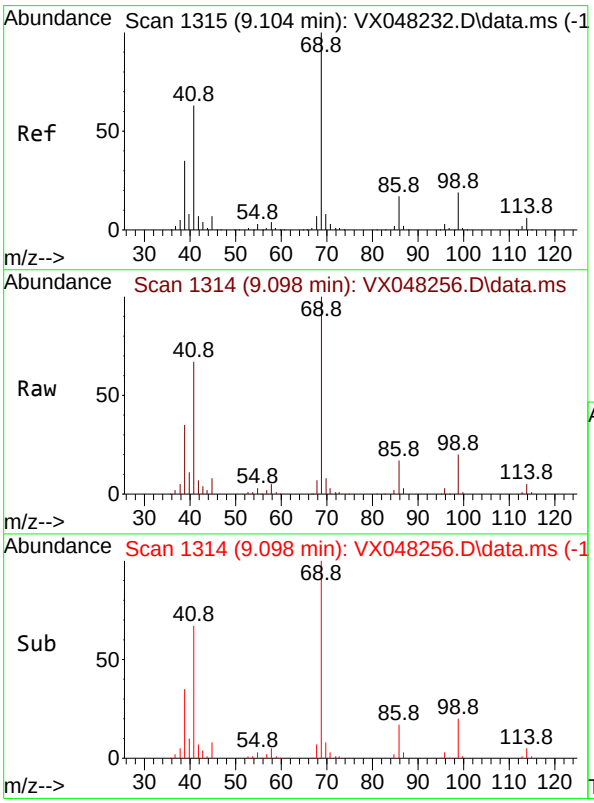
#55
1,1,2-Trichloroethane
Concen: 19.271 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 97 Resp: 28743

Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	54.0	45.0	67.6
99	65.6	50.9	76.3

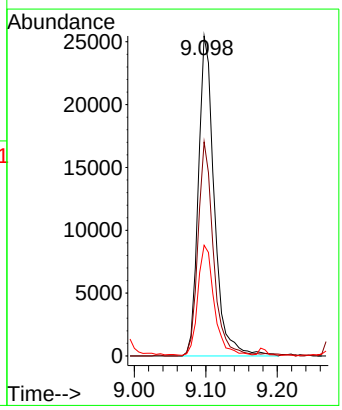


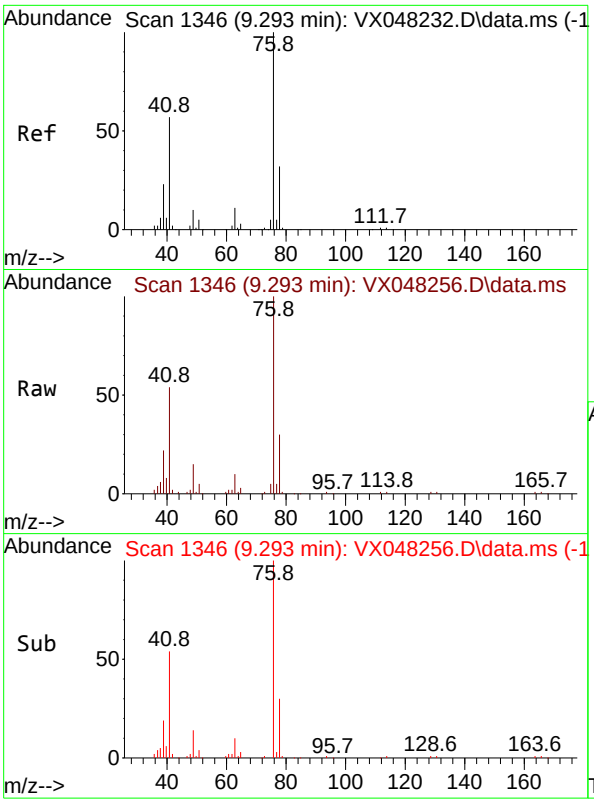


#56
Ethyl methacrylate
Concen: 18.073 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 69 Resp: 39428

Ion	Ratio	Lower	Upper
69	100		
41	64.9	56.0	84.0
39	35.9	31.6	47.4



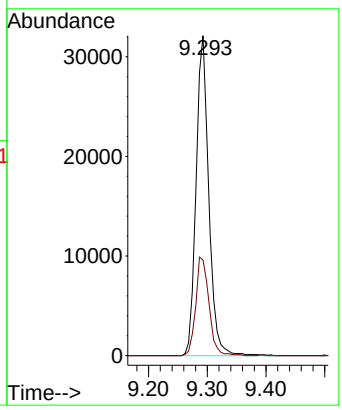


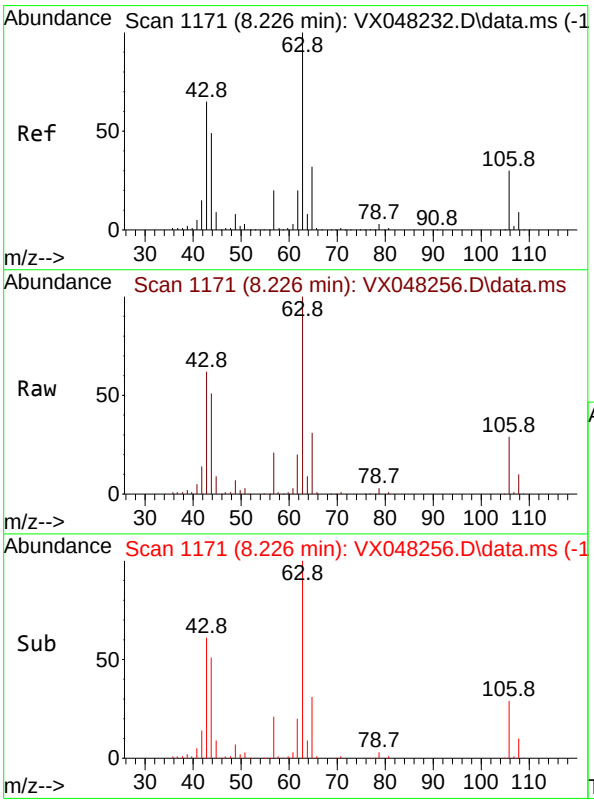
#57
1,3-Dichloropropane
Concen: 18.933 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 76 Resp: 48237

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.0

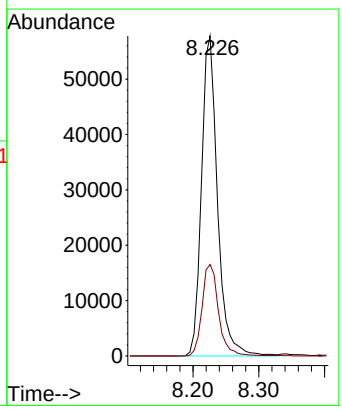


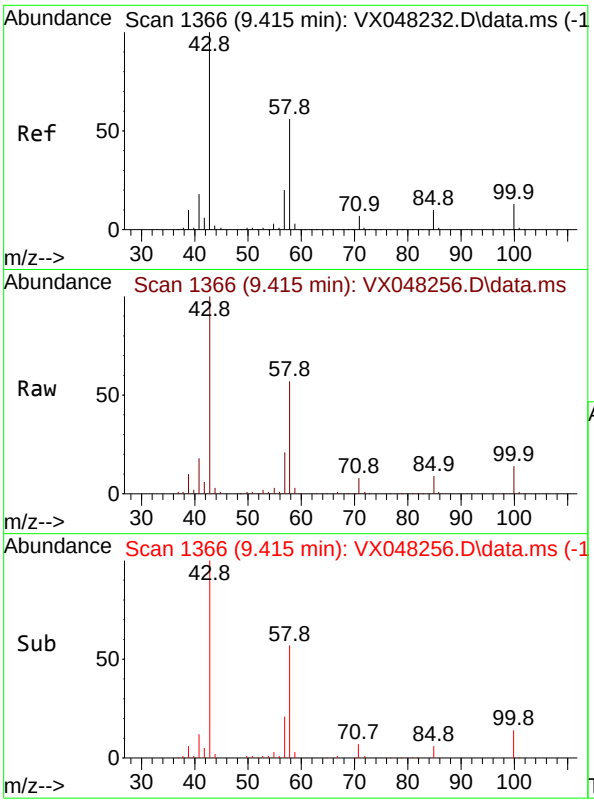


#58
2-Chloroethyl Vinyl ether
Concen: 84.467 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 63 Resp: 97758

Ion	Ratio	Lower	Upper
63	100		
106	29.4	22.2	33.2



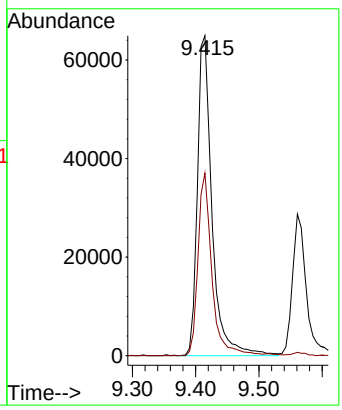


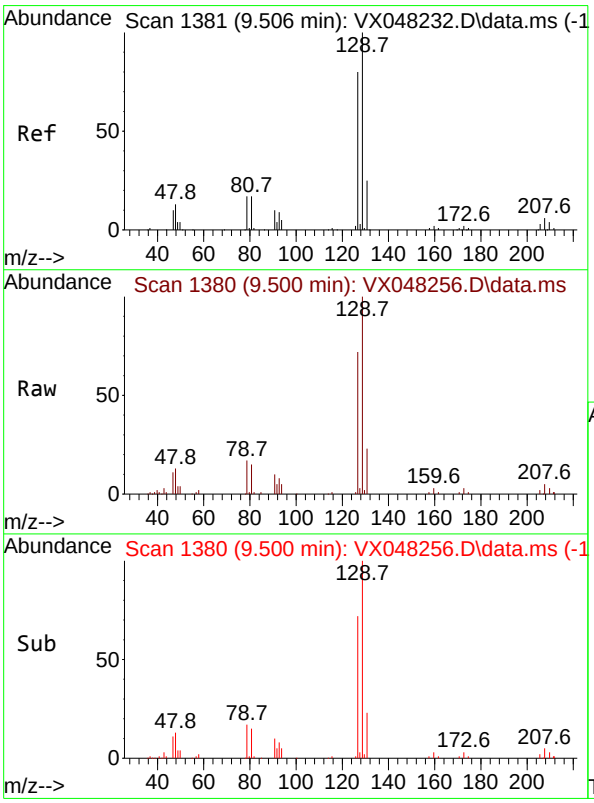
#59
2-Hexanone
Concen: 87.804 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 43 Resp: 104512

Ion	Ratio	Lower	Upper
43	100		
58	54.2	26.3	78.8

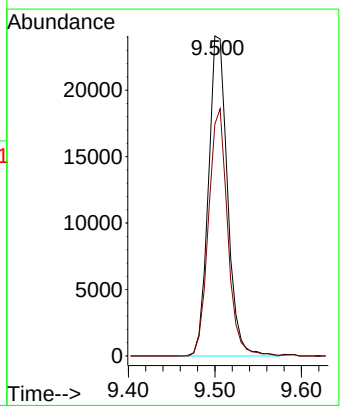


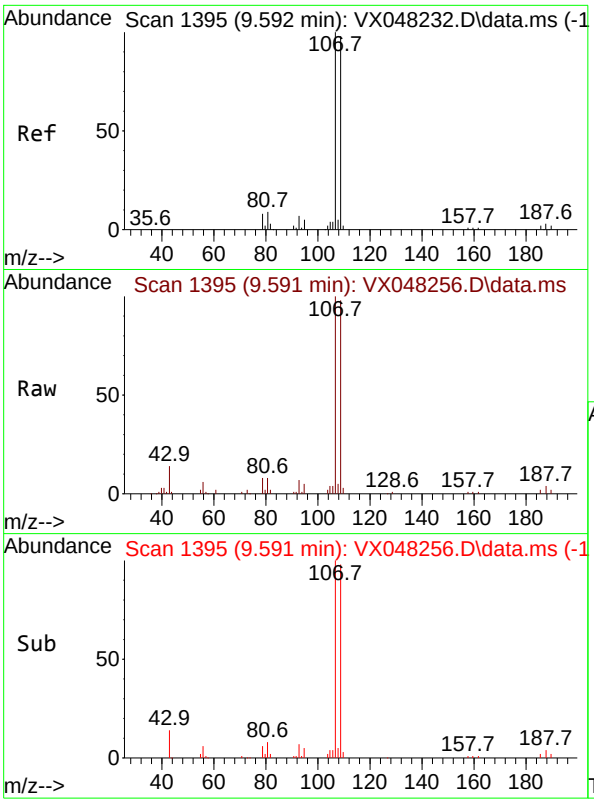


#60
Dibromochloromethane
Concen: 18.328 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:129 Resp: 36743

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7



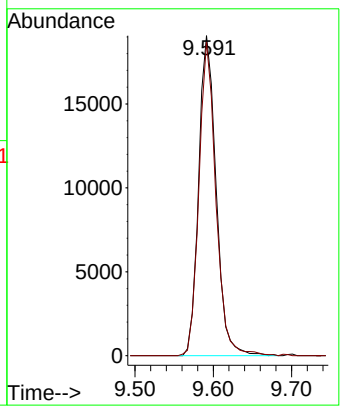


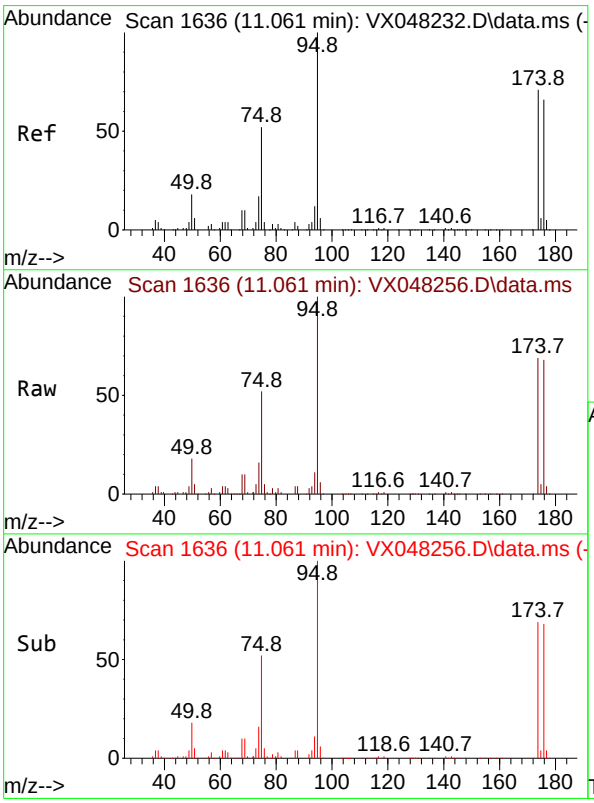
#61
1,2-Dibromoethane
Concen: 18.555 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:107 Resp: 29504

Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.0	115.4

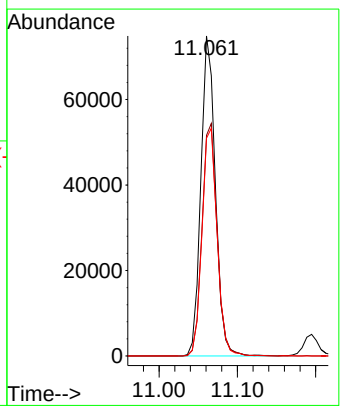


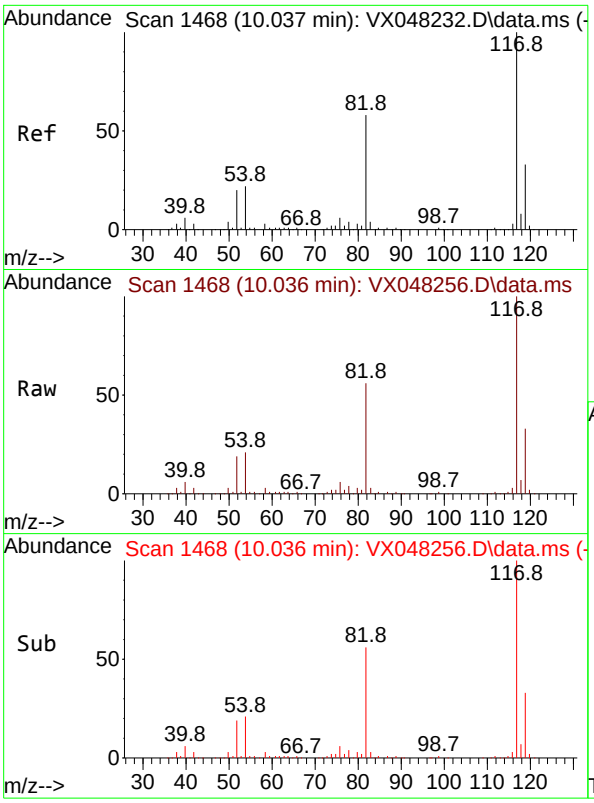


#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 95 Resp: 96462

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	147.8
176	73.9	0.0	142.8



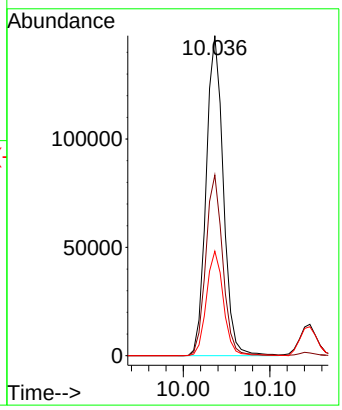


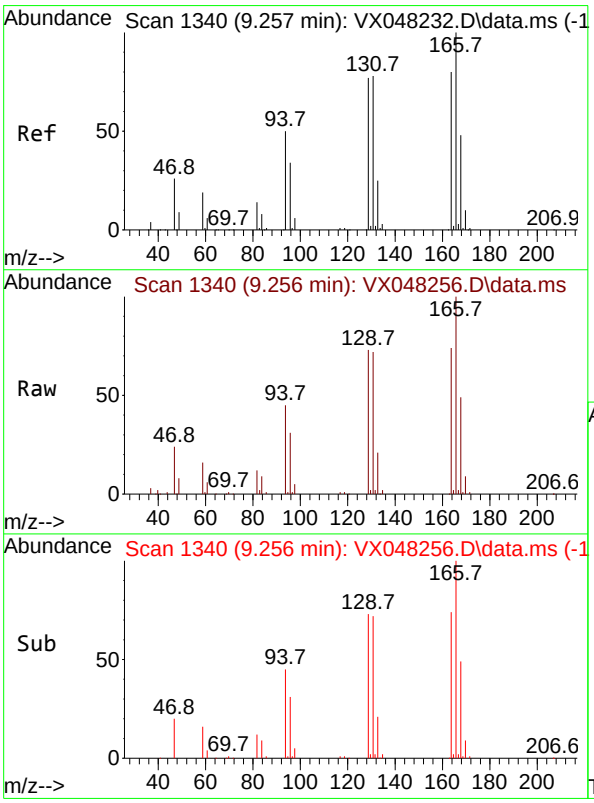
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:117 Resp: 203364

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.5	69.7
119	32.7	25.9	38.9

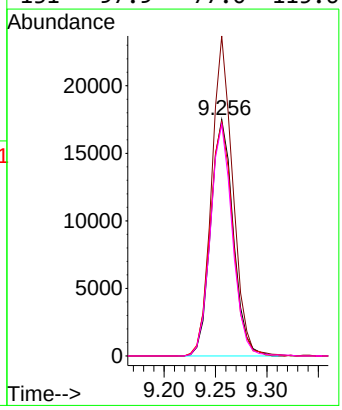


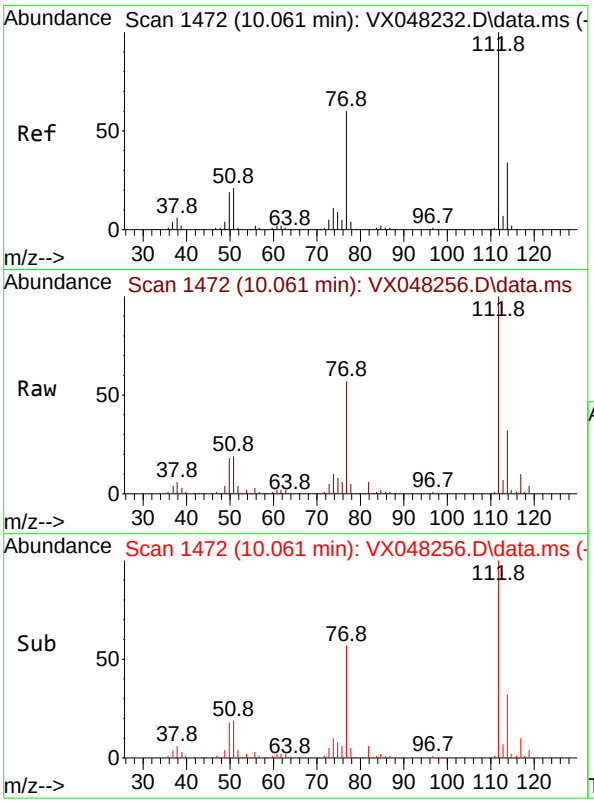


#64
Tetrachloroethene
Concen: 17.492 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:164 Resp: 26555

Ion	Ratio	Lower	Upper
164	100		
166	135.3	104.5	156.7
129	98.9	81.8	122.6
131	97.9	77.0	115.6



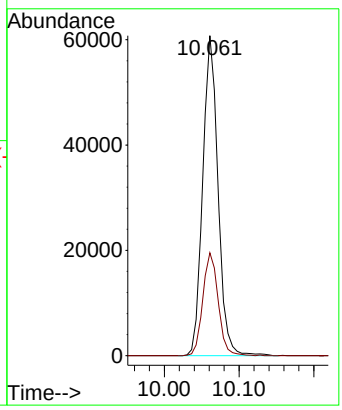


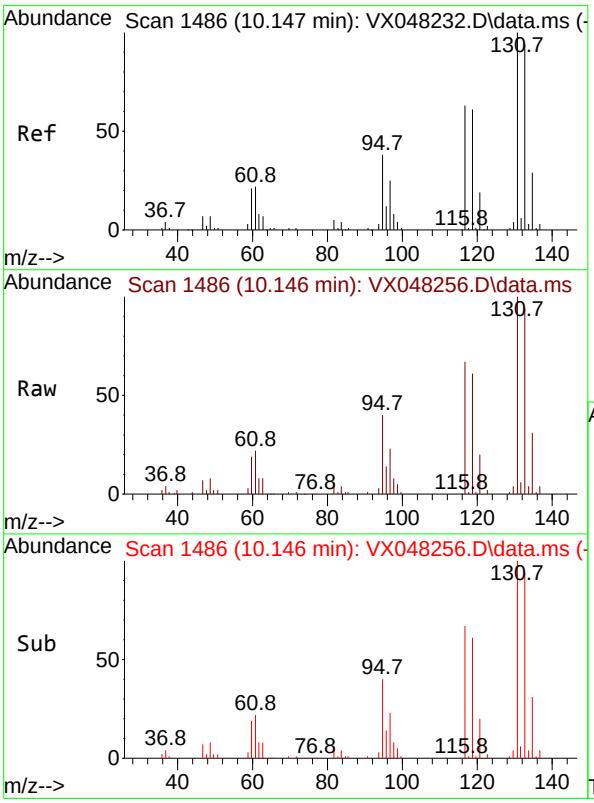
#65
Chlorobenzene
Concen: 18.875 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:112 Resp: 86348

Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2

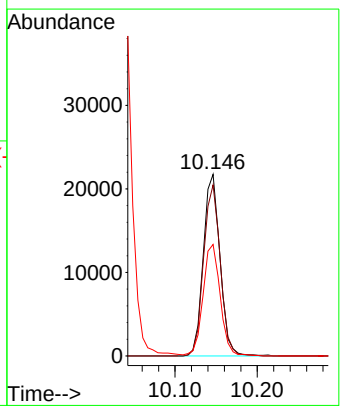


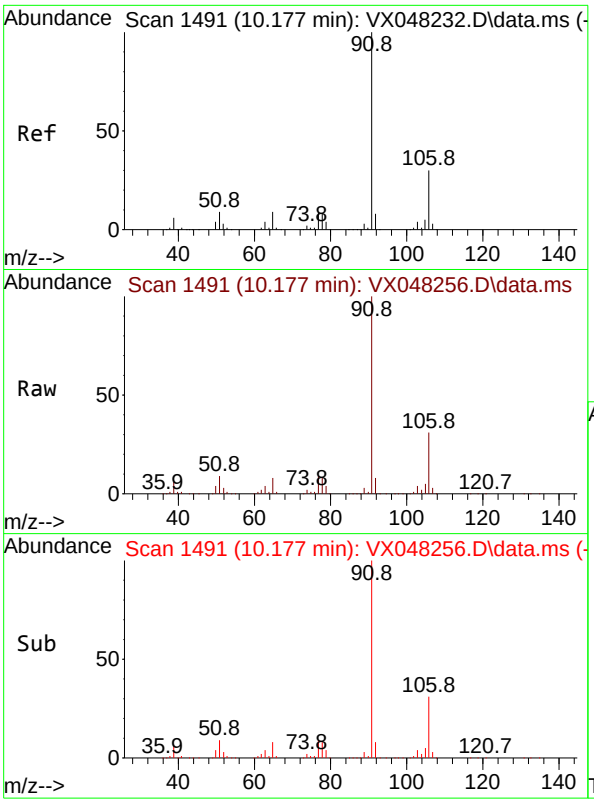


#66
1,1,1,2-Tetrachloroethane
Concen: 18.258 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:131 Resp: 30678

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.6	142.8
119	63.3	32.5	97.5



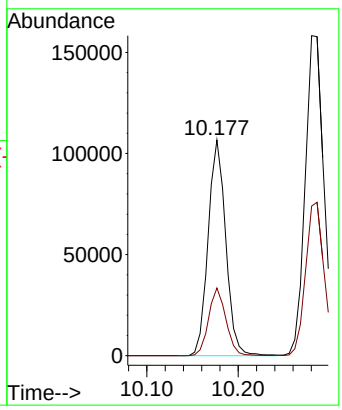


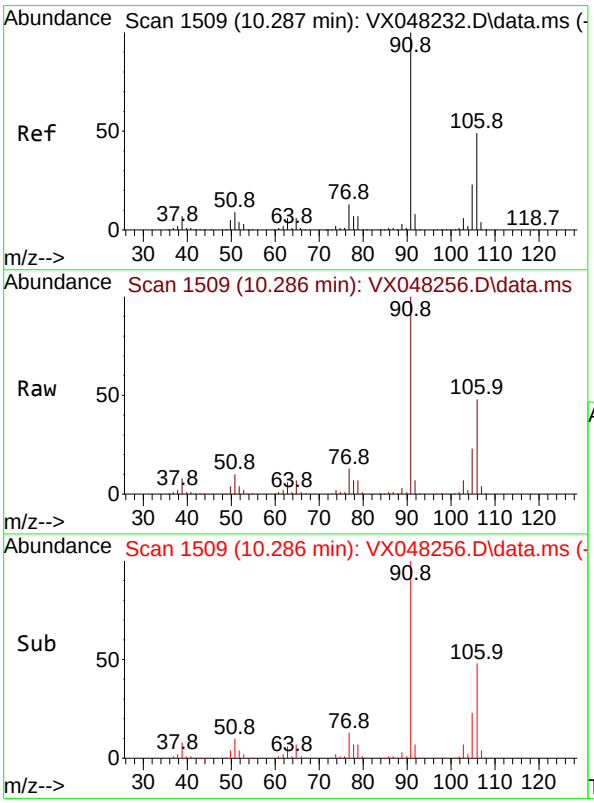
#67
Ethyl Benzene
Concen: 18.320 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 91 Resp: 142694

Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.8	35.6

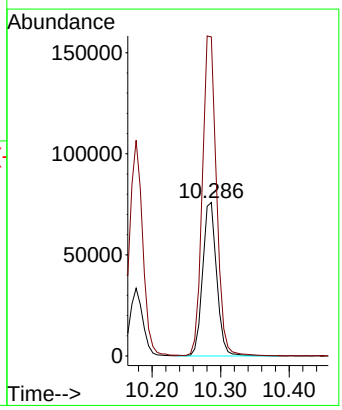


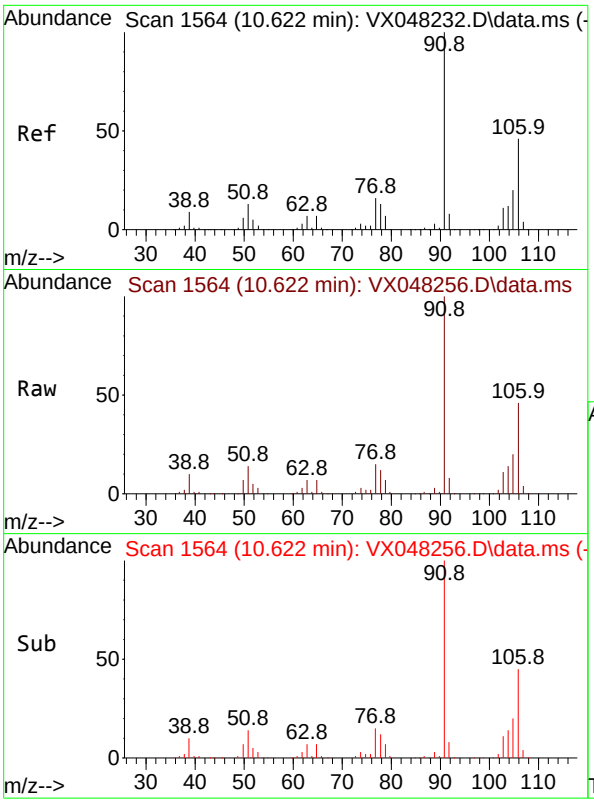


#68
m/p-Xylenes
Concen: 37.497 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:106 Resp: 108512

Ion	Ratio	Lower	Upper
106	100		
91	209.5	167.9	251.9



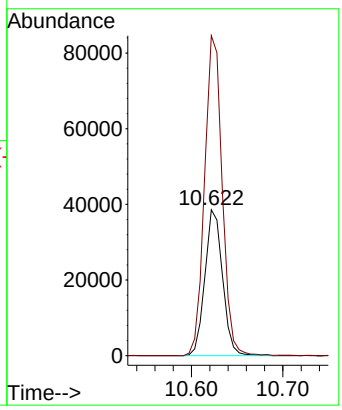


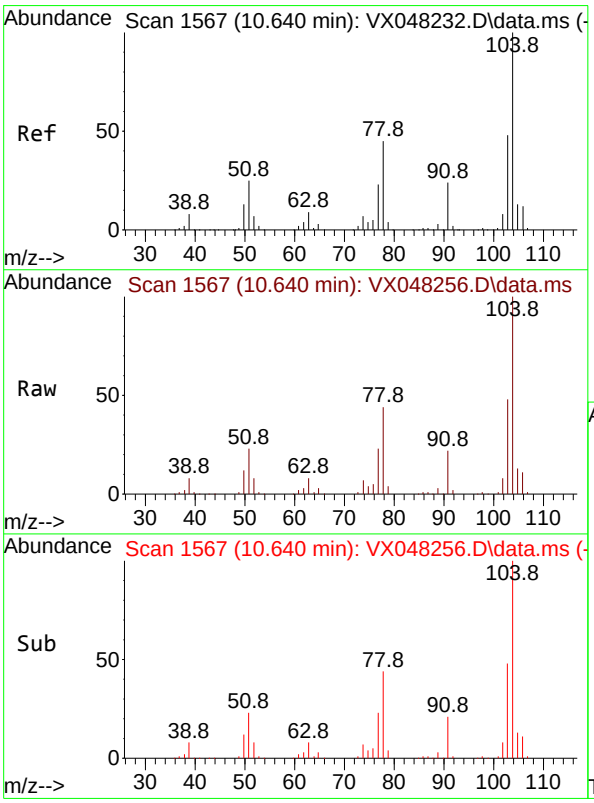
#69
o-Xylene
Concen: 18.468 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:106 Resp: 51598

Ion	Ratio	Lower	Upper
106	100		
91	219.4	111.3	333.9

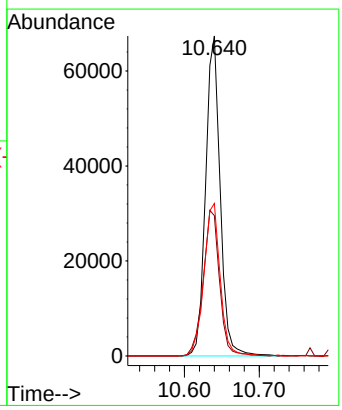


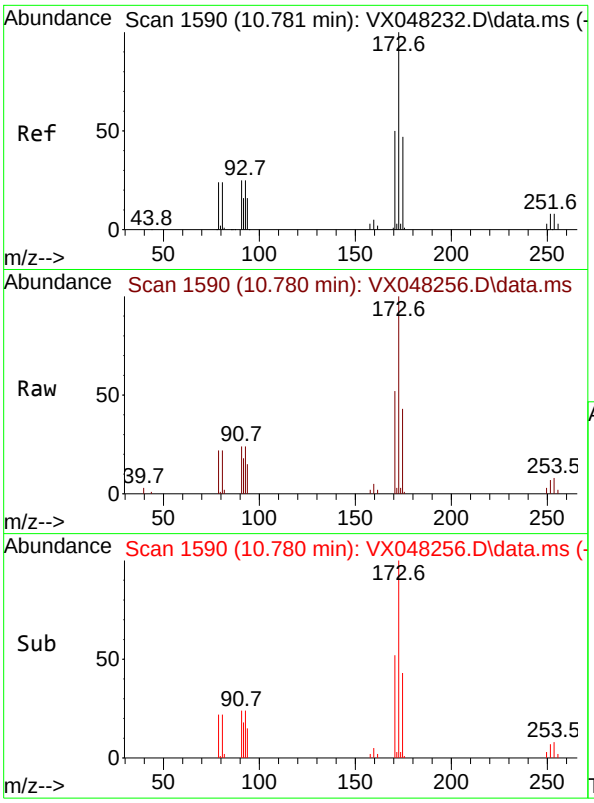


#70
Styrene
Concen: 19.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:104 Resp: 91270

Ion	Ratio	Lower	Upper
104	100		
78	51.0	42.2	63.4
103	53.4	43.0	64.4



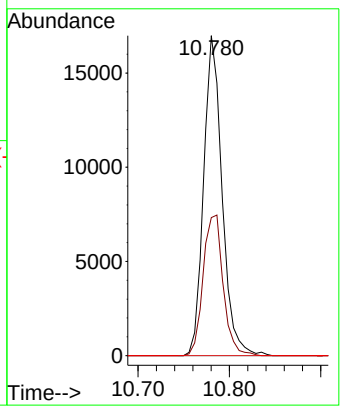


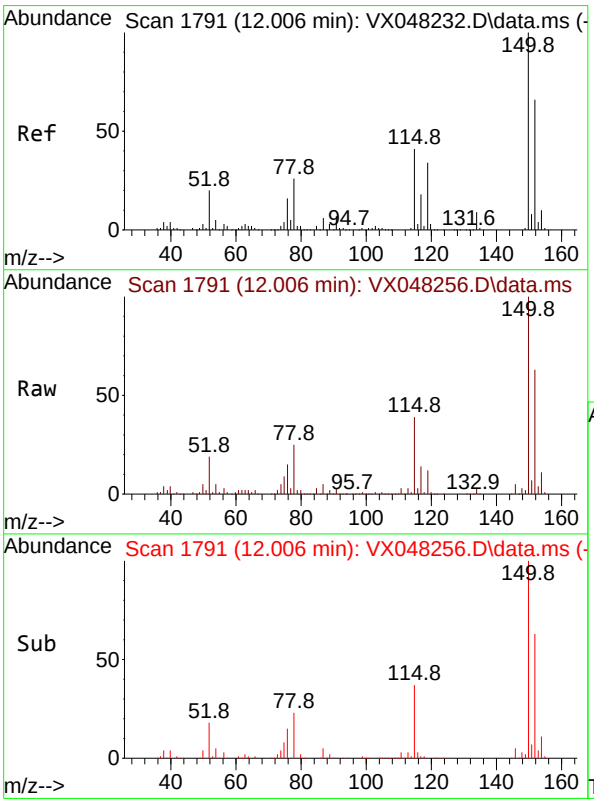
#71
Bromoform
Concen: 17.711 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:173 Resp: 23785

Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.0	72.0
254	0.0	0.0	0.0

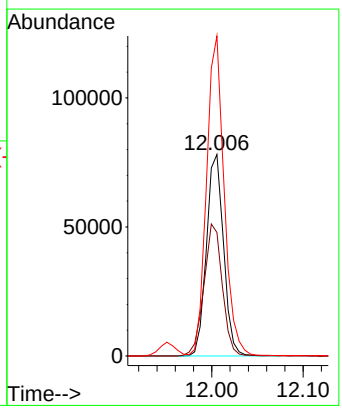


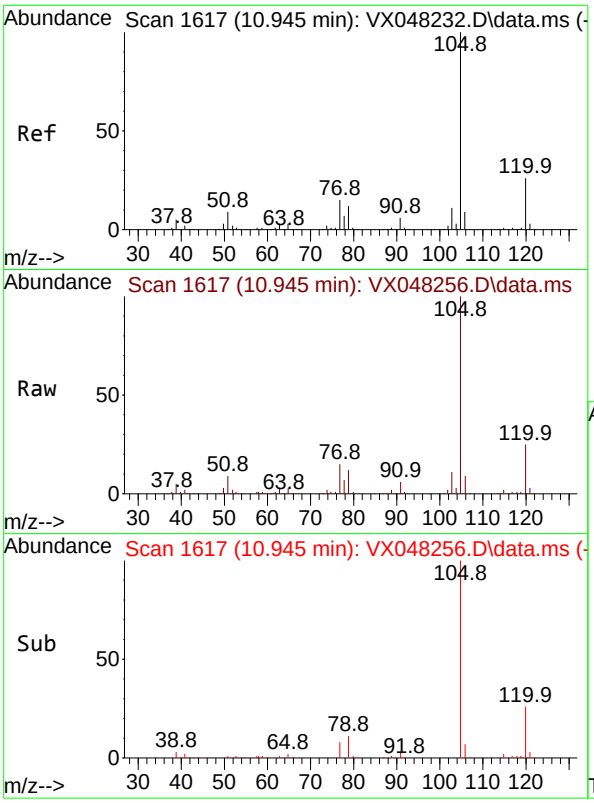


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:152 Resp: 101316

Ion	Ratio	Lower	Upper
152	100		
115	70.4	43.1	129.4
150	163.7	0.0	353.0



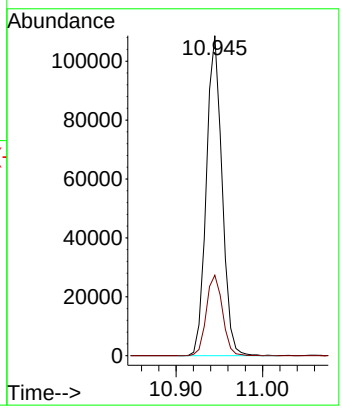


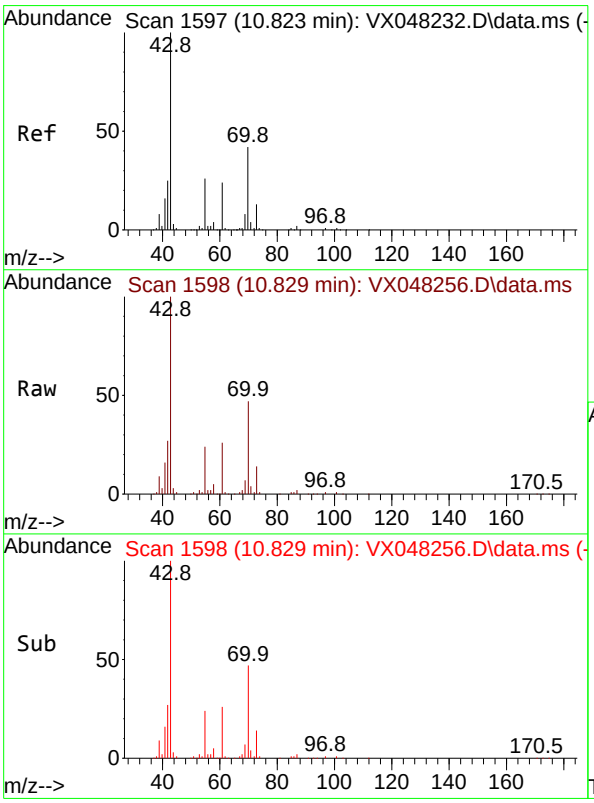
#73
Isopropylbenzene
Concen: 18.464 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:105 Resp: 136638

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

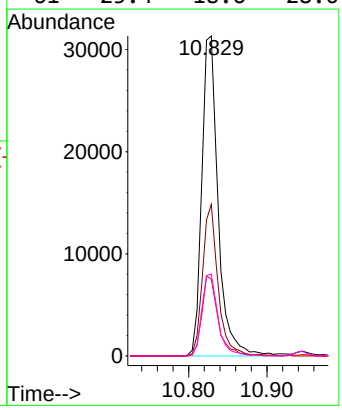


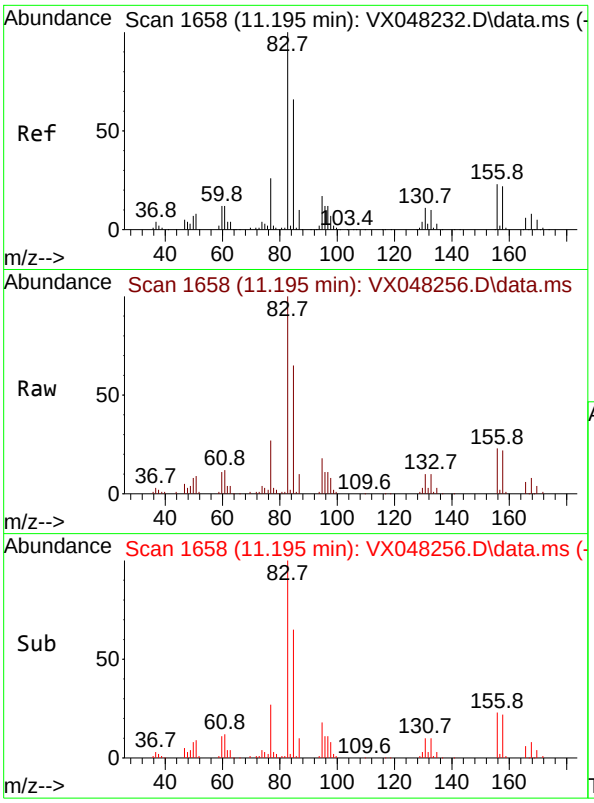


#74
N-amyl acetate
Concen: 17.261 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 43 Resp: 45310

Ion	Ratio	Lower	Upper
43	100		
70	45.0	32.2	48.2
55	24.9	19.1	28.7
61	25.4	18.6	28.0



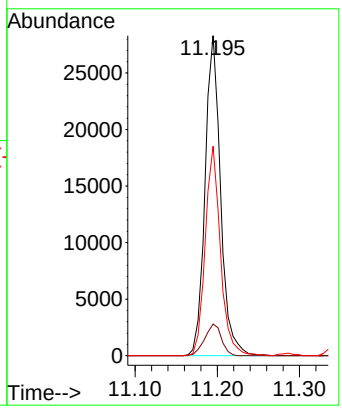


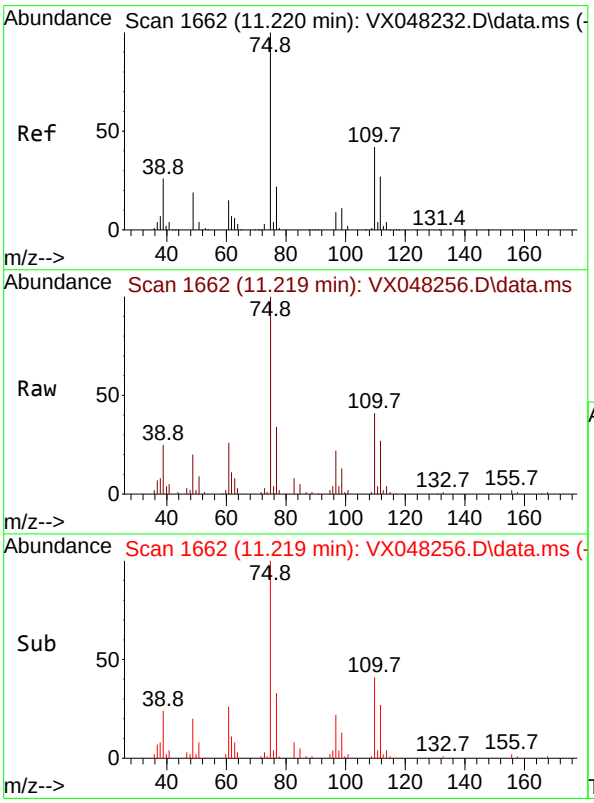
#75
1,1,2,2-Tetrachloroethane
Concen: 18.401 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 83 Resp: 37185

Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.8	14.4
85	64.0	31.9	95.7

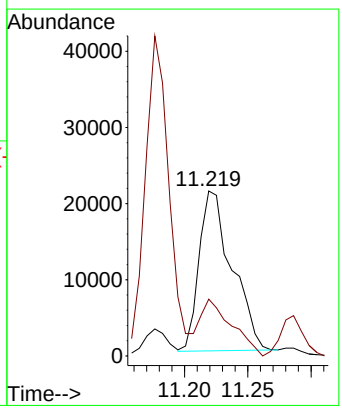


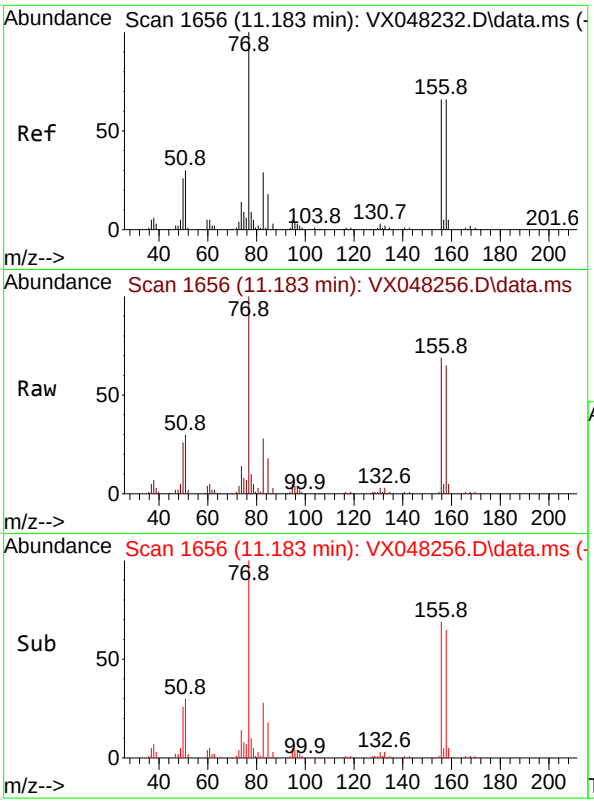


#76
1,2,3-Trichloropropane
Concen: 23.143 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 38024

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.4	67.2



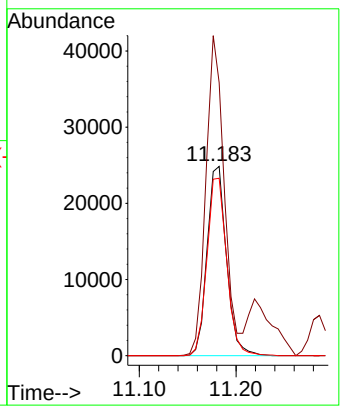


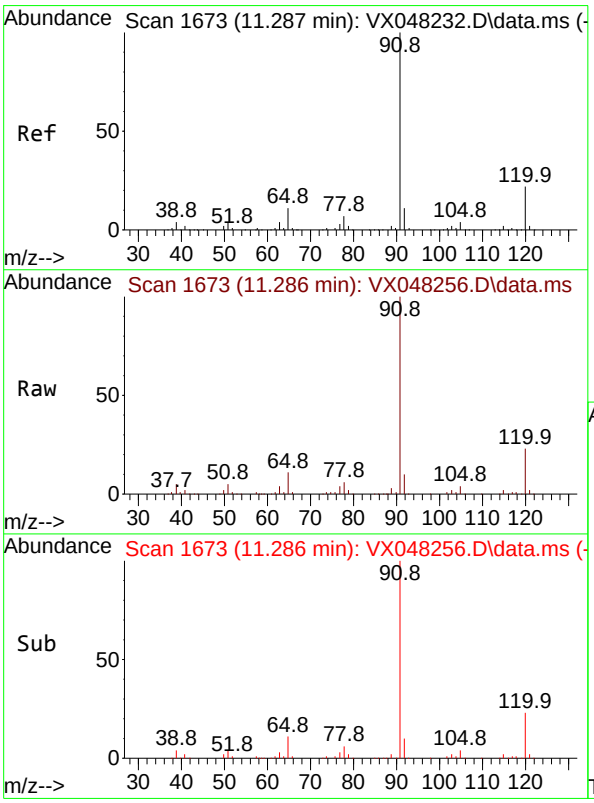
#77
Bromobenzene
Concen: 18.615 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:156 Resp: 34541

Ion	Ratio	Lower	Upper
156	100		
77	161.0	87.0	261.0
158	96.2	47.8	143.4

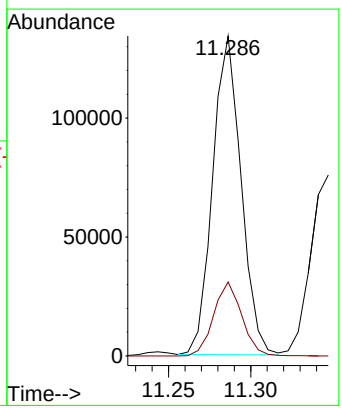


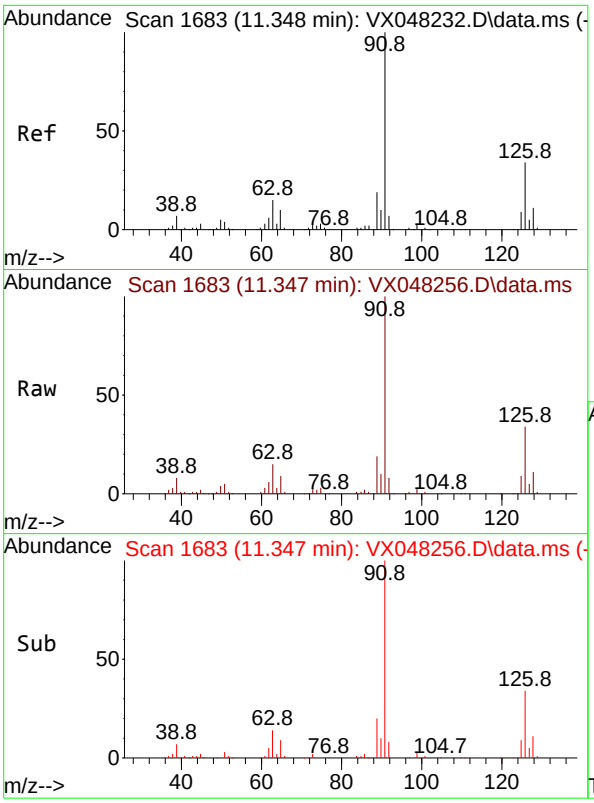


#78
n-propylbenzene
Concen: 18.753 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 160675

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.1	33.1



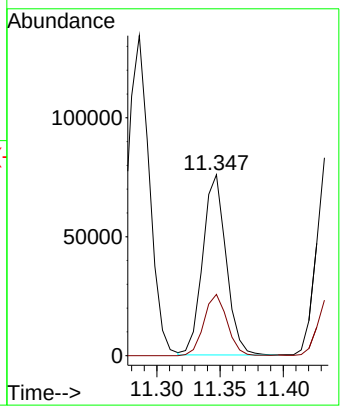


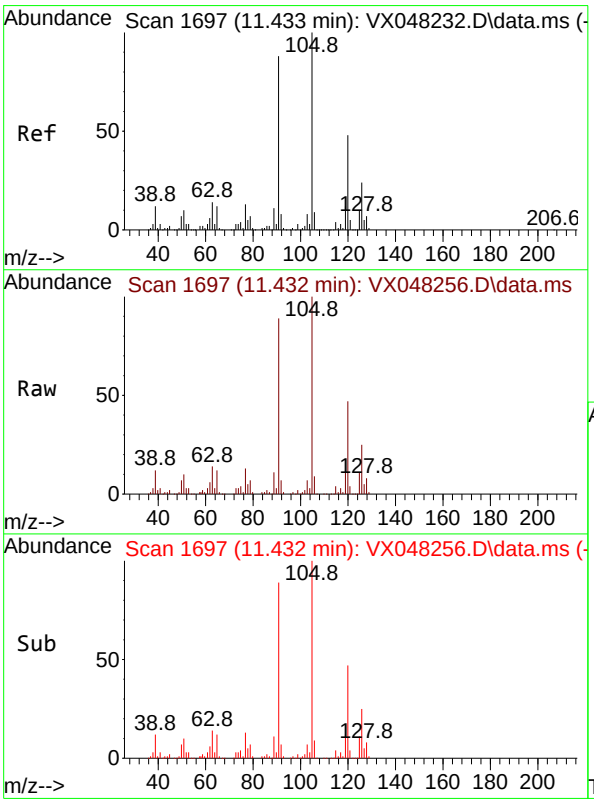
#79
2-Chlorotoluene
Concen: 18.767 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 91 Resp: 97491

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.4	49.4

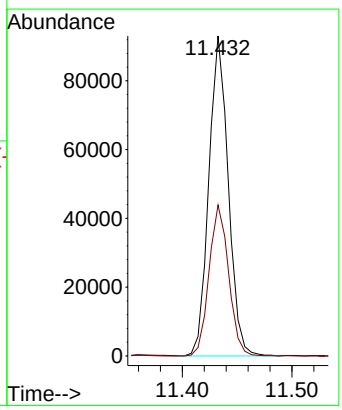


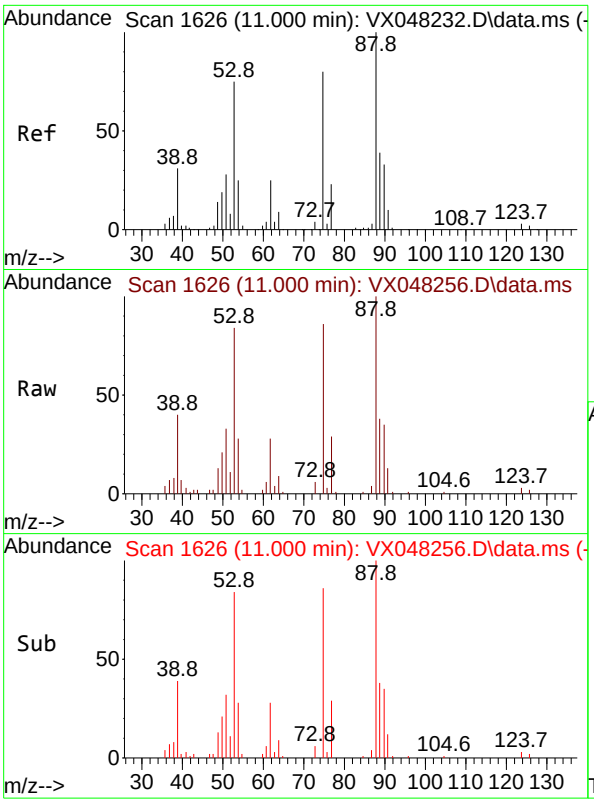


#80
1,3,5-Trimethylbenzene
Concen: 18.700 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:105 Resp: 114521

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.0	72.0



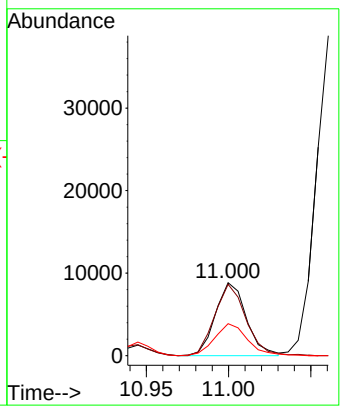


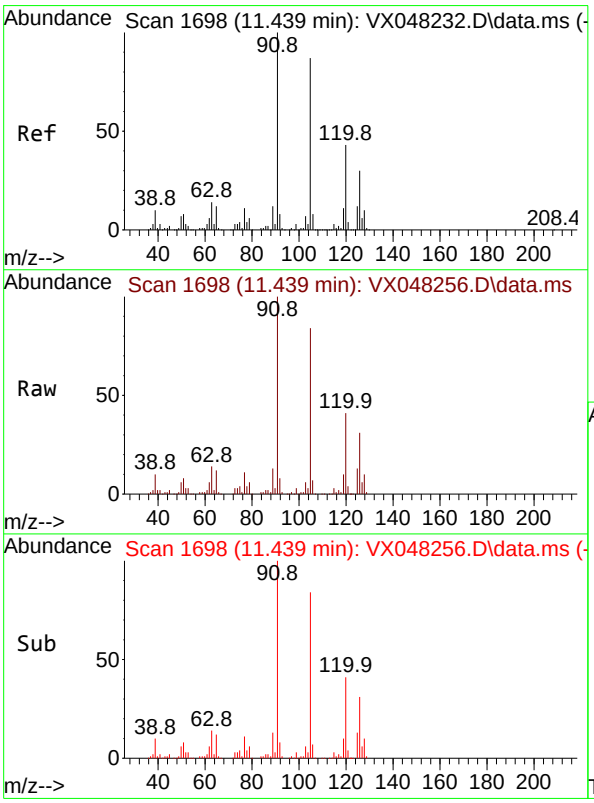
#81
trans-1,4-Dichloro-2-butene
Concen: 17.134 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 75 Resp: 11571

Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.5	119.3
89	46.7	36.8	55.2

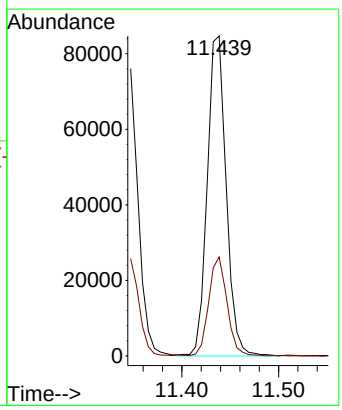


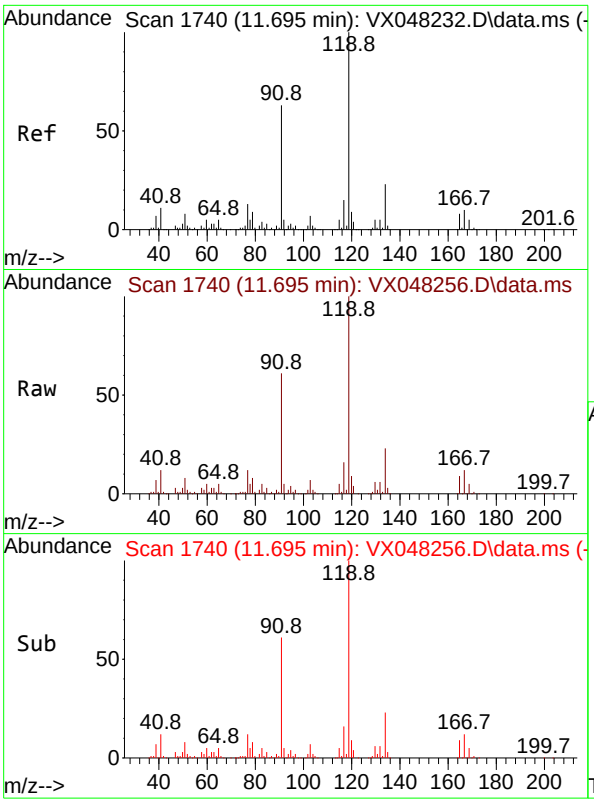


#82
4-Chlorotoluene
Concen: 18.713 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 91 Resp: 115393

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.1	42.4



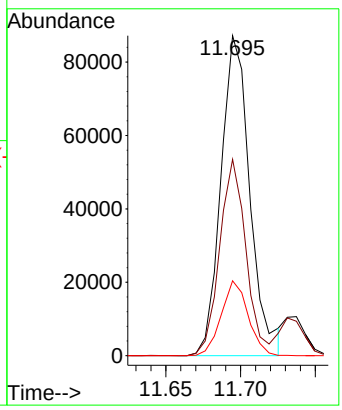


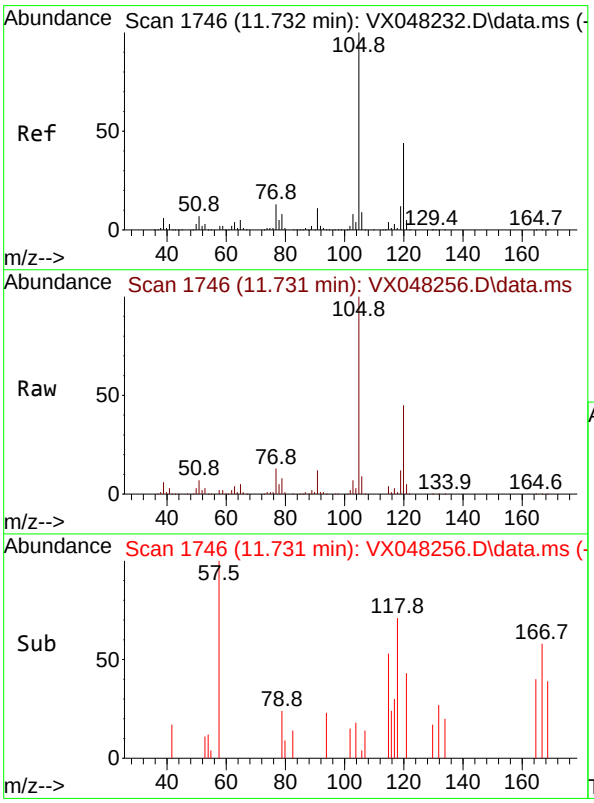
#83
tert-Butylbenzene
Concen: 18.651 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:119 Resp: 117357

Ion	Ratio	Lower	Upper
119	100		
91	55.7	30.3	91.0
134	21.8	11.4	34.2

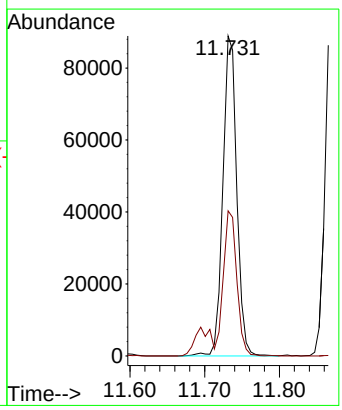


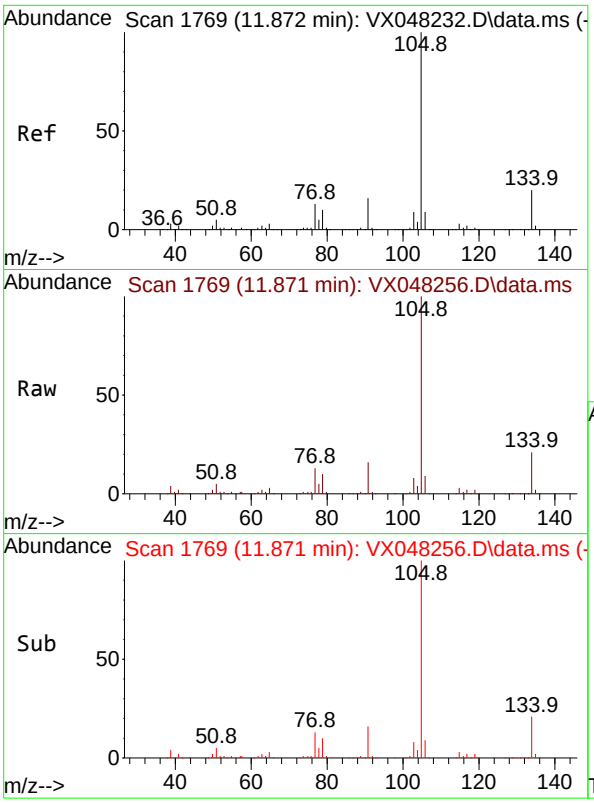


#84
1,2,4-Trimethylbenzene
Concen: 18.745 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:105 Resp: 114561

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.5



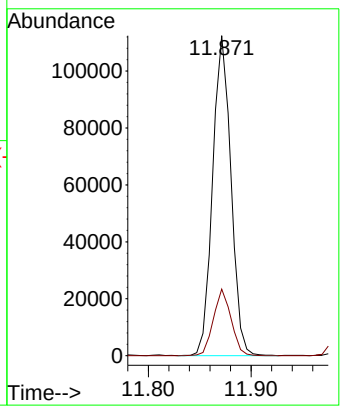


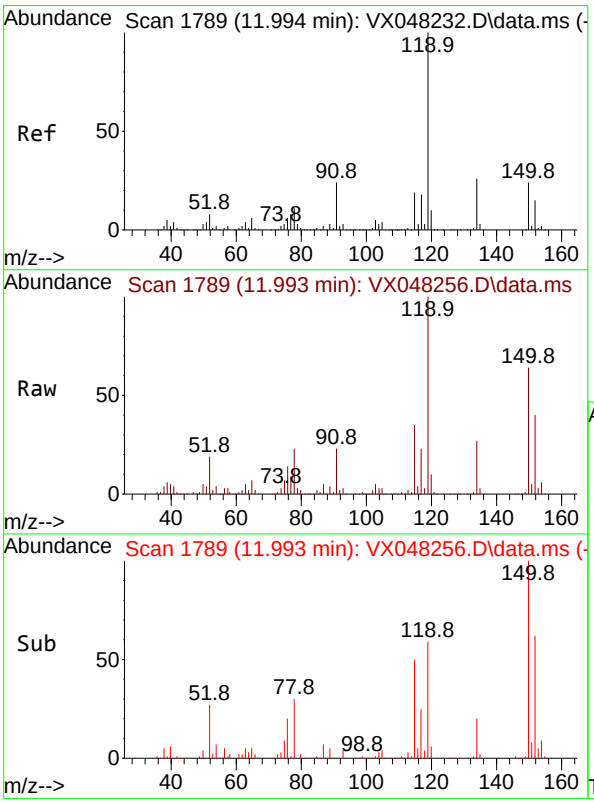
#85
sec-Butylbenzene
Concen: 18.364 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:105 Resp: 139017

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

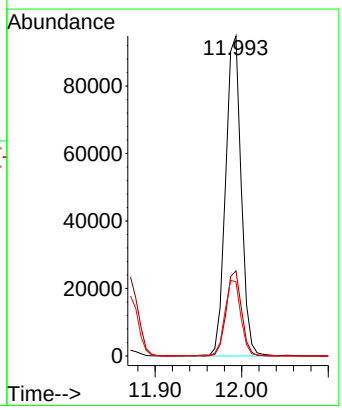


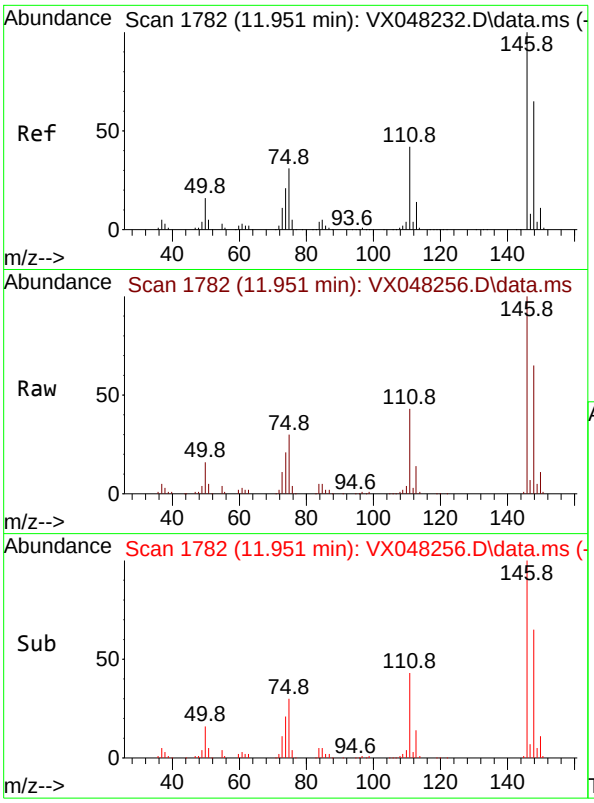


#86
p-Isopropyltoluene
Concen: 18.135 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:119 Resp: 118663

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	24.2	12.1	36.3



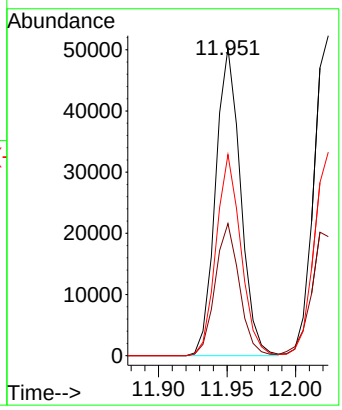


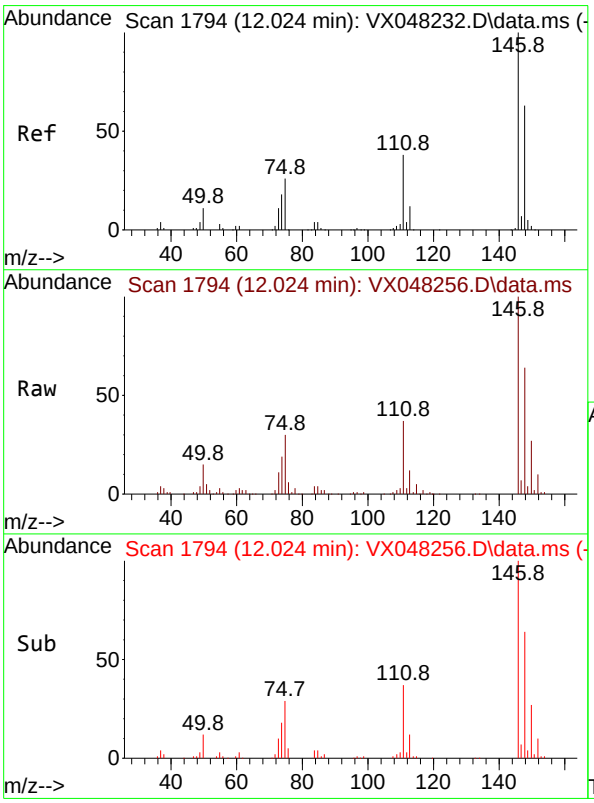
#87
1,3-Dichlorobenzene
Concen: 18.219 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:146 Resp: 63730

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	64.5	31.9	95.9

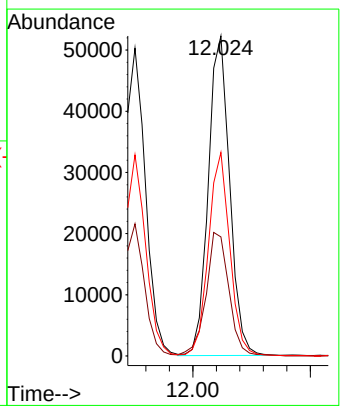


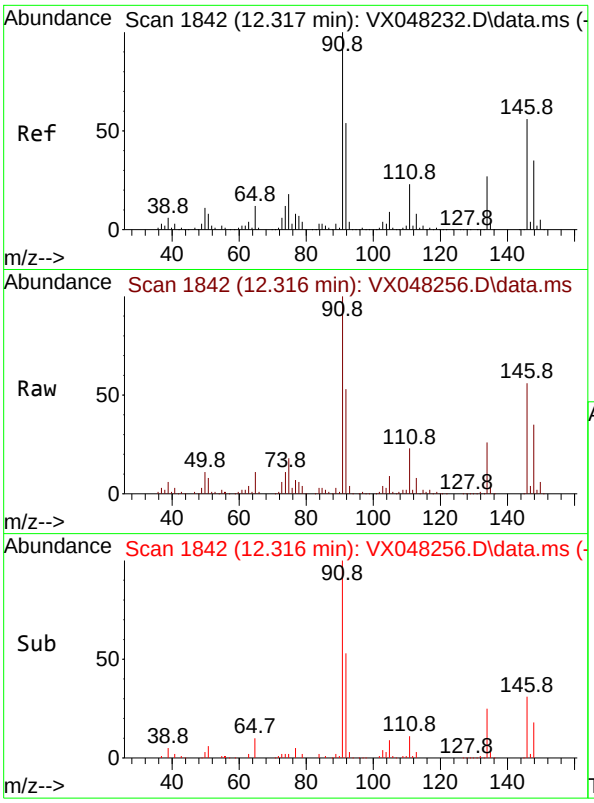


#88
1,4-Dichlorobenzene
Concen: 18.203 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:146 Resp: 65963

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.1	60.2
148	63.9	31.8	95.3



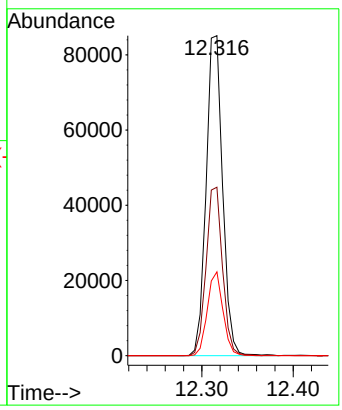


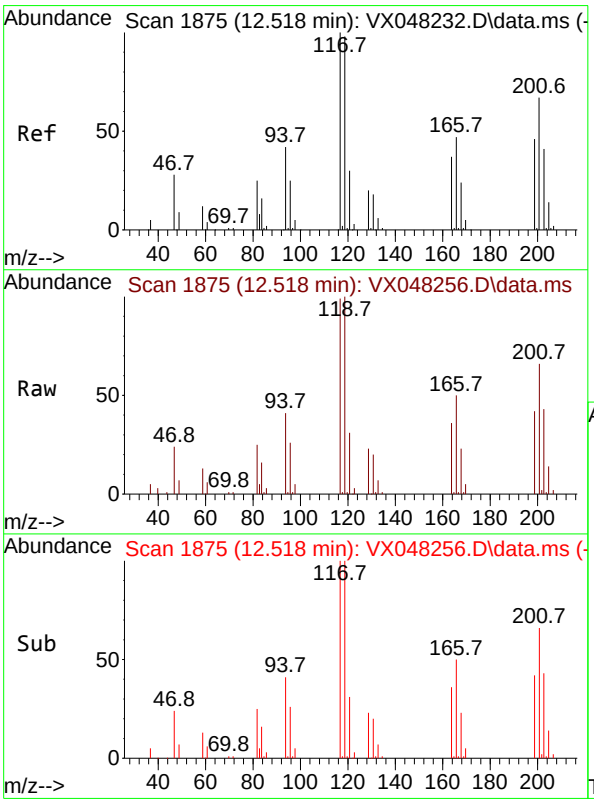
#89
n-Butylbenzene
Concen: 17.834 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion: 91 Resp: 106210

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.9	80.6
134	24.9	12.7	38.1

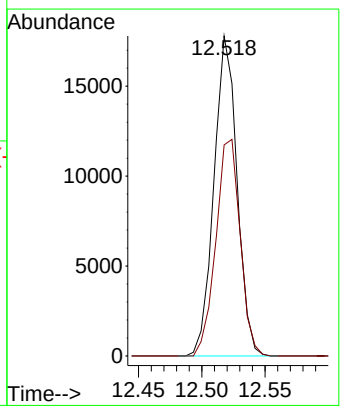


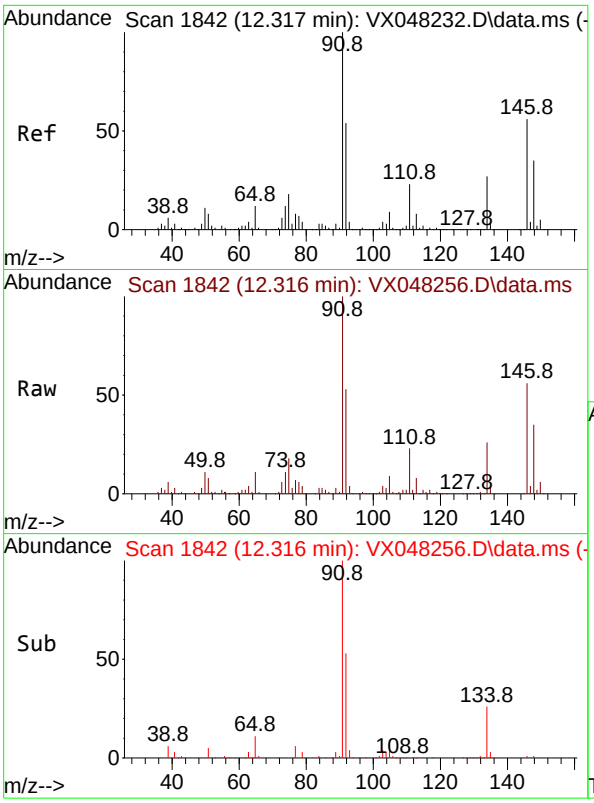


#90
Hexachloroethane
Concen: 17.435 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:117 Resp: 22528

Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.1	102.2



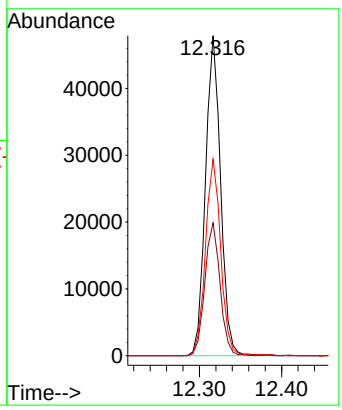


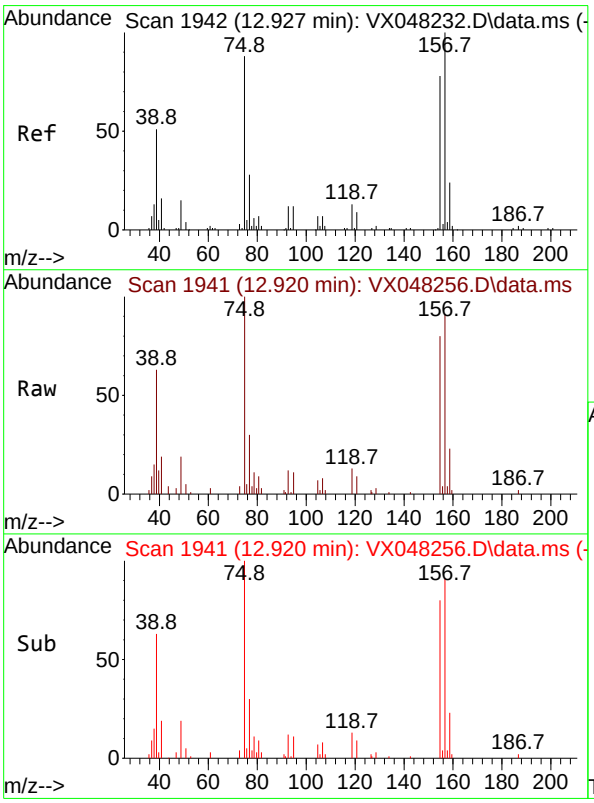
#91
1,2-Dichlorobenzene
Concen: 18.612 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:146 Resp: 61124

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.9	65.5
148	62.2	31.9	95.5

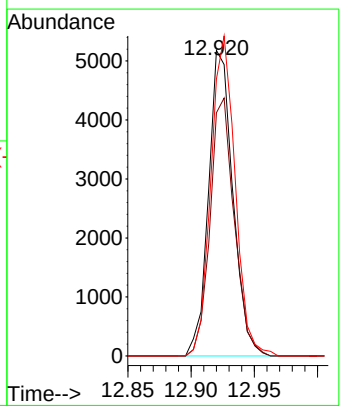


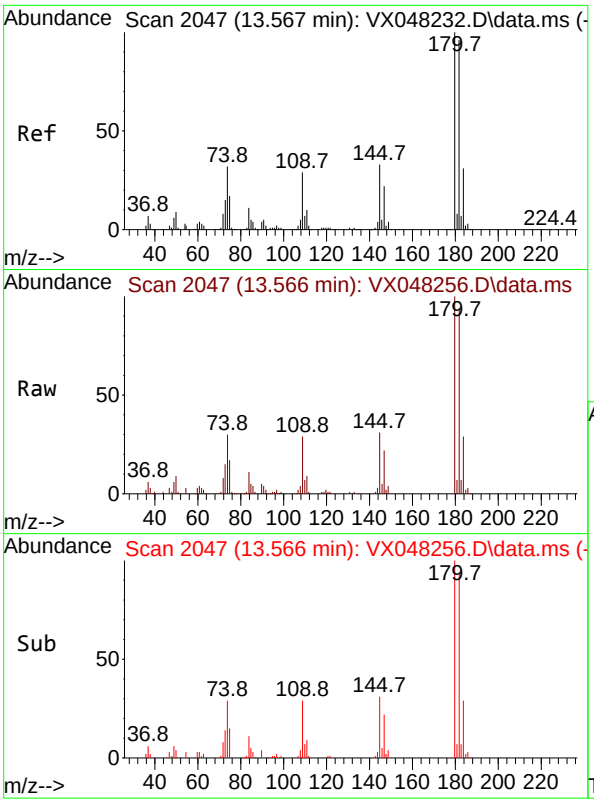


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.899 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion: 75 Resp: 6932

Ion	Ratio	Lower	Upper
75	100		
155	83.9	42.8	128.4
157	104.3	54.2	162.6



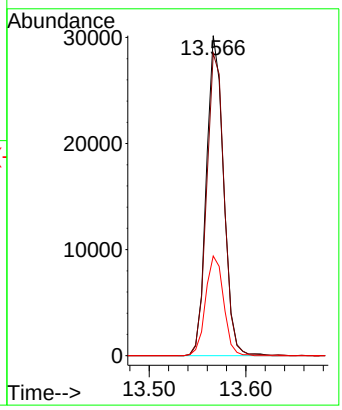


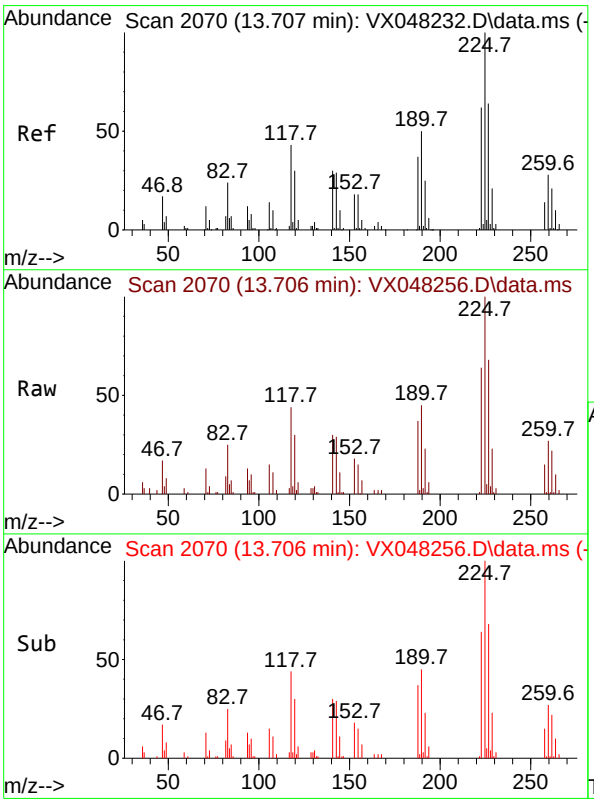
#93
1,2,4-Trichlorobenzene
Concen: 16.758 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:180 Resp: 37218

Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	32.7	16.3	48.9

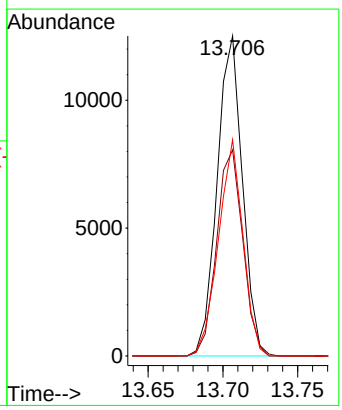


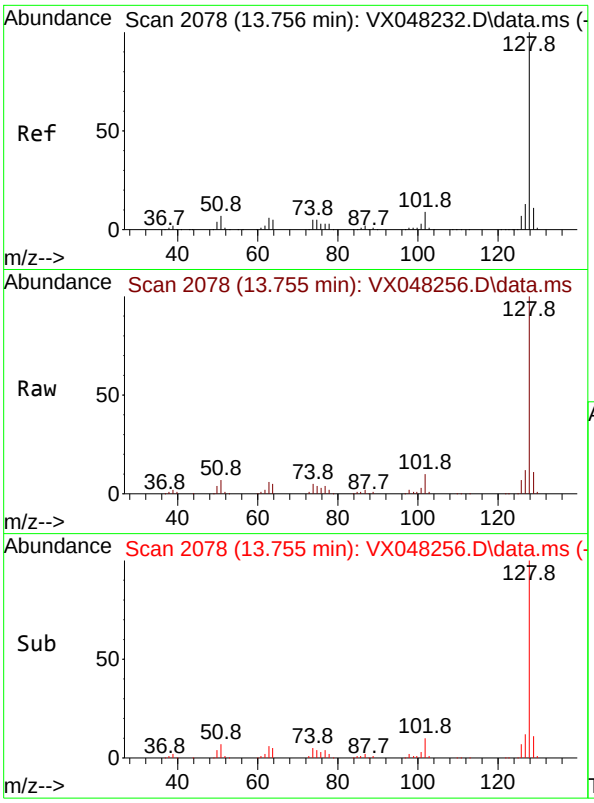


#94
Hexachlorobutadiene
Concen: 17.706 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:225 Resp: 14700

Ion	Ratio	Lower	Upper
225	100		
223	67.0	32.6	97.7
227	65.7	32.5	97.4



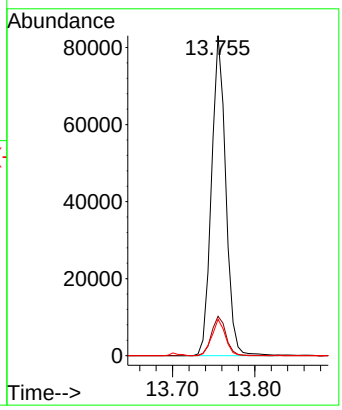


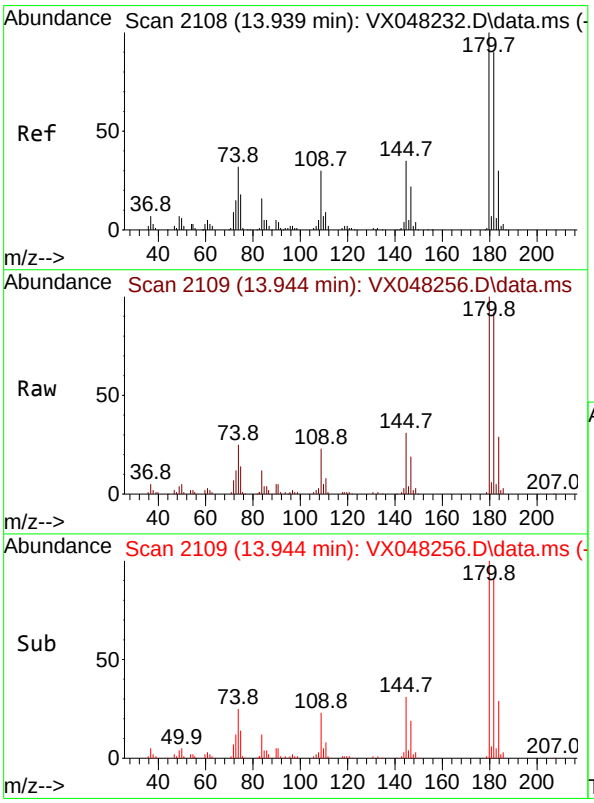
#95
Naphthalene
Concen: 17.005 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tgt Ion:128 Resp: 100059

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.6	12.8

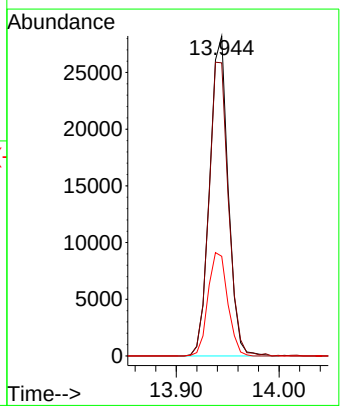




#96
1,2,3-Trichlorobenzene
Concen: 17.277 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048256.D
Acq: 21 Oct 2025 10:33

Tgt Ion:180 Resp: 35212

Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.7
145	34.4	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	110260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	183155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86809	56.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.300%			
35) Dibromofluoromethane	5.373	113	66021	52.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.635	98	226656	51.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.061	95	100241	60.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	51728	45.636	ug/l	96
3) Chloromethane	1.300	50	43511	41.125	ug/l	100
4) Vinyl Chloride	1.380	62	40381	41.217	ug/l	100
5) Bromomethane	1.617	94	28469	42.818	ug/l	97
6) Chloroethane	1.697	64	25432	44.175	ug/l	92
7) Trichlorofluoromethane	1.898	101	88297	46.992	ug/l	98
8) Diethyl Ether	2.136	74	24255	45.877	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.337	101	52798	44.374	ug/l	95
10) Methyl Iodide	2.459	142	76908	51.416	ug/l	98
11) Tert butyl alcohol	2.940	59	31351	204.253	ug/l	98
12) 1,1-Dichloroethene	2.325	96	53980	46.632	ug/l	96
13) Acrolein	2.239	56	42126	269.101	ug/l	100
14) Allyl chloride	2.666	41	86002	44.749	ug/l	93
15) Acrylonitrile	3.056	53	127802	230.910	ug/l	100
16) Acetone	2.373	43	101775	191.905	ug/l	97
17) Carbon Disulfide	2.514	76	151626	41.561	ug/l	99
18) Methyl Acetate	2.703	43	49775	44.941	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	192863	48.837	ug/l	96
20) Methylene Chloride	2.788	84	62187	48.124	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	59217	46.571	ug/l	100
22) Diisopropyl ether	3.751	45	183332	47.827	ug/l #	88
23) Vinyl Acetate	3.715	43	742546	242.501	ug/l	96
24) 1,1-Dichloroethane	3.611	63	108877	46.973	ug/l	99
25) 2-Butanone	4.538	43	144575	215.374	ug/l	96
26) 2,2-Dichloropropane	4.465	77	93655	44.766	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	71911	48.458	ug/l	97
28) Bromochloromethane	4.891	49	45824	47.680	ug/l #	81
29) Tetrahydrofuran	4.989	42	87839	218.490	ug/l	89
30) Chloroform	5.086	83	121680	49.137	ug/l	98
31) Cyclohexane	5.464	56	84891	44.238	ug/l #	86
32) 1,1,1-Trichloroethane	5.373	97	111254	48.747	ug/l	98
36) 1,1-Dichloropropene	5.678	75	80634	45.371	ug/l	98
37) Ethyl Acetate	4.702	43	63123	42.851	ug/l	97
38) Carbon Tetrachloride	5.666	117	100140	45.671	ug/l	99
39) Methylcyclohexane	7.366	83	89560	42.670	ug/l	96
40) Benzene	6.025	78	235395	45.621	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	35543	45.945	ug/l		96
42) 1,2-Dichloroethane	6.074	62	95021	49.906	ug/l		100
43) Isopropyl Acetate	6.324	43	109791	45.374	ug/l		96
44) Trichloroethene	7.110	130	63675	46.735	ug/l		93
45) 1,2-Dichloropropane	7.415	63	57013	46.474	ug/l		95
46) Dibromomethane	7.568	93	45069	47.155	ug/l		93
47) Bromodichloromethane	7.805	83	99888	48.404	ug/l		96
48) Methyl methacrylate	7.677	41	56463	46.243	ug/l		94
49) 1,4-Dioxane	7.647	88	14536	901.119	ug/l		89
51) 4-Methyl-2-Pentanone	8.555	43	317029	227.242	ug/l		94
52) Toluene	8.702	92	157443	48.031	ug/l		97
53) t-1,3-Dichloropropene	8.964	75	98842	49.703	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	102835	47.929	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	59379	48.711	ug/l		96
56) Ethyl methacrylate	9.104	69	87411	49.025	ug/l		95
57) 1,3-Dichloropropane	9.293	76	102643	49.295	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	230656	240.651	ug/l		94
59) 2-Hexanone	9.415	43	223051	229.287	ug/l		95
60) Dibromochloromethane	9.506	129	80763	49.293	ug/l		99
61) 1,2-Dibromoethane	9.592	107	63070	48.532	ug/l		98
64) Tetrachloroethene	9.256	164	56206	42.374	ug/l		98
65) Chlorobenzene	10.061	112	182408	45.637	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	67128	45.726	ug/l		98
67) Ethyl Benzene	10.177	91	308525	45.338	ug/l		98
68) m/p-Xylenes	10.287	106	235258	93.046	ug/l		100
69) o-Xylene	10.628	106	114670	46.976	ug/l		99
70) Styrene	10.640	104	200106	48.144	ug/l		99
71) Bromoform	10.780	173	53984	46.009	ug/l	#	100
73) Isopropylbenzene	10.945	105	311296	41.323	ug/l		99
74) N-amyl acetate	10.823	43	107536	40.243	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	86911	42.247	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	97142	58.080	ug/l		79
77) Bromobenzene	11.183	156	80549	42.643	ug/l		94
78) n-propylbenzene	11.286	91	365847	41.944	ug/l		98
79) 2-Chlorotoluene	11.347	91	220518	41.700	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	264110	42.365	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	27633	40.195	ug/l		99
82) 4-Chlorotoluene	11.433	91	265279	42.258	ug/l		98
83) tert-Butylbenzene	11.695	119	269712	42.107	ug/l		96
84) 1,2,4-Trimethylbenzene	11.732	105	264898	42.577	ug/l		100
85) sec-Butylbenzene	11.872	105	314902	40.863	ug/l		99
86) p-Isopropyltoluene	11.988	119	272639	40.931	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	145669	40.908	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	148555	40.270	ug/l		100
89) n-Butylbenzene	12.311	91	236982	39.088	ug/l		99
90) Hexachloroethane	12.518	117	50186	38.153	ug/l		92
91) 1,2-Dichlorobenzene	12.317	146	140638	42.066	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17092	40.930	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	87024	38.490	ug/l		99
94) Hexachlorobutadiene	13.707	225	32660	38.565	ug/l		97
95) Naphthalene	13.756	128	250514	41.822	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	83499	40.246	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

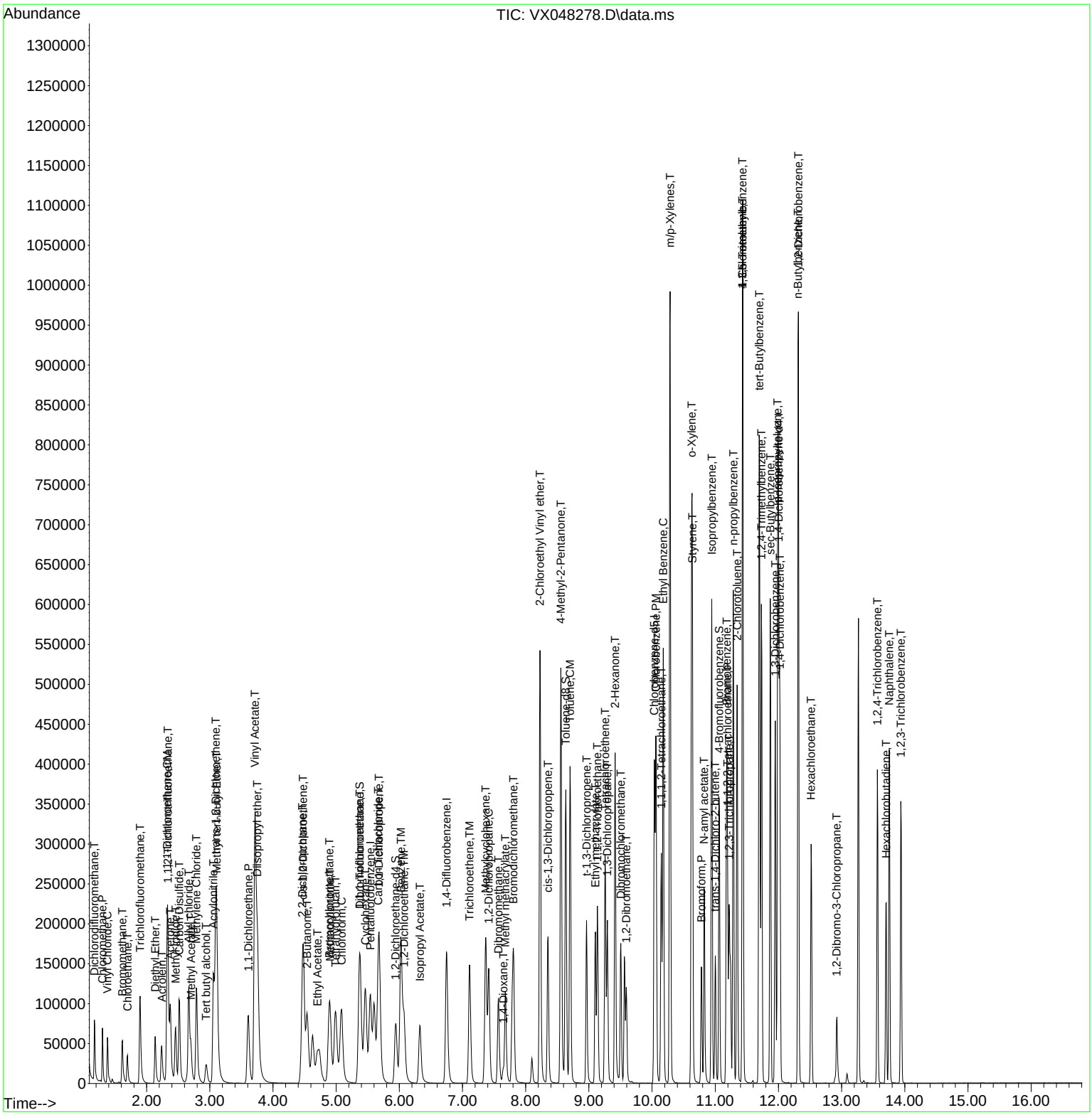
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

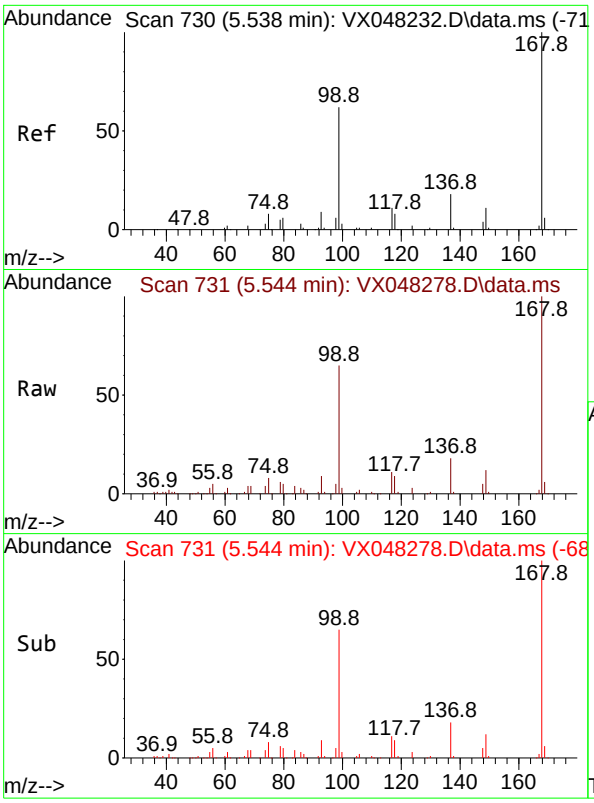
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048278.D
Acq On : 21 Oct 2025 18:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 04:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



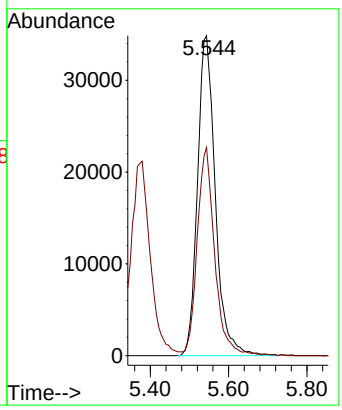


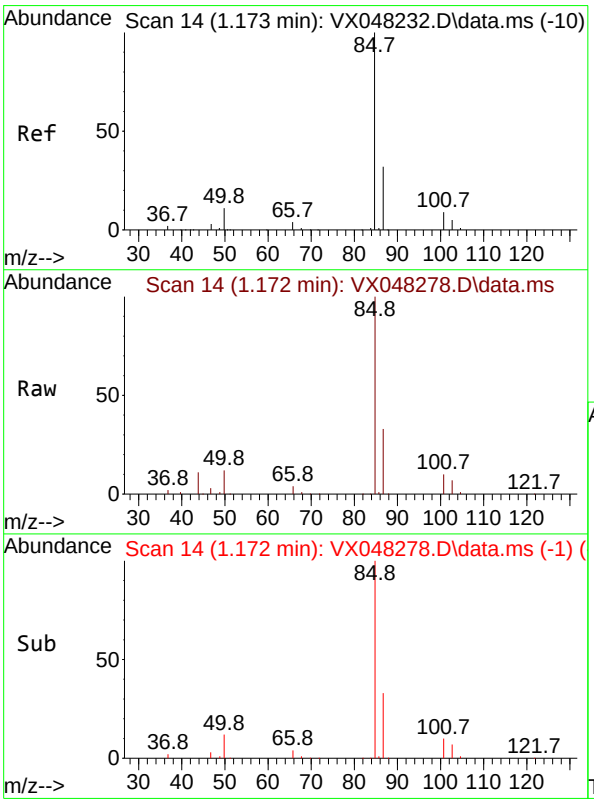
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 110260

Ion	Ratio	Lower	Upper
168	100		
99	65.1	46.4	69.6

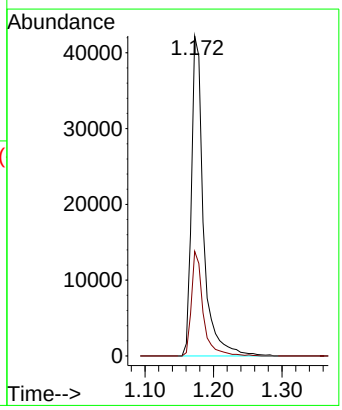


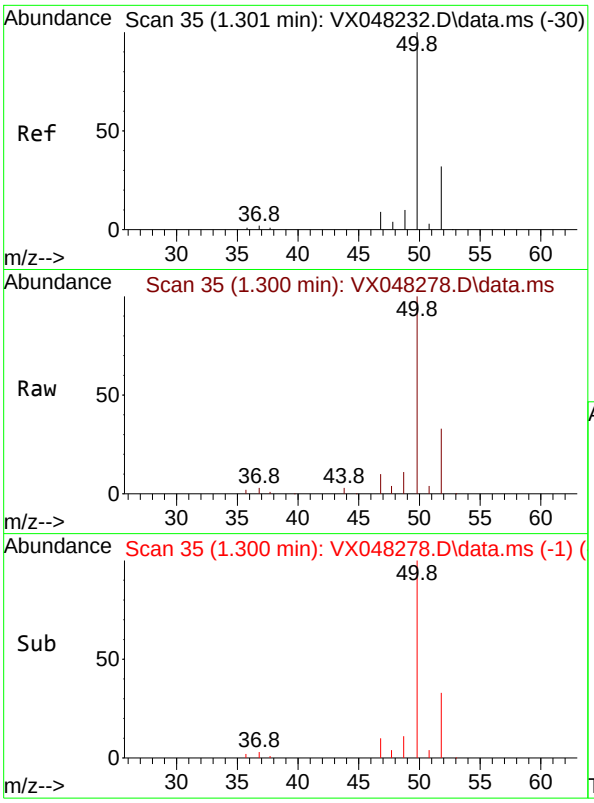


#2
Dichlorodifluoromethane
Concen: 45.636 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 85 Resp: 51728

Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.3	45.9



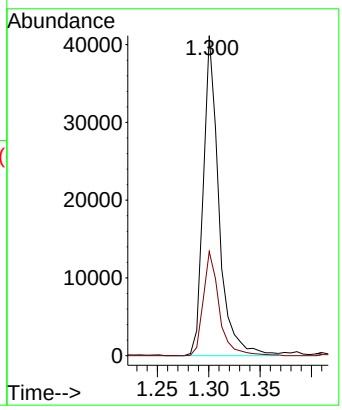


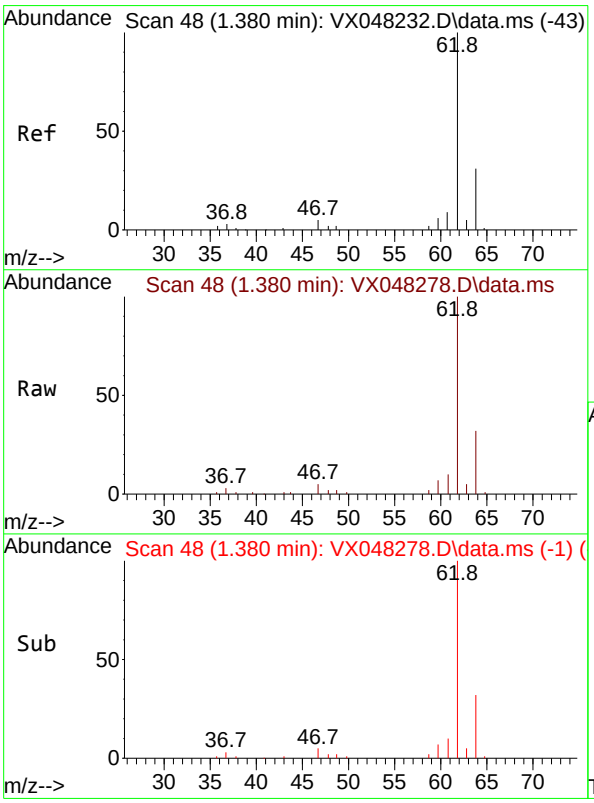
#3
Chloromethane
Concen: 41.125 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 43511

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.9	38.9

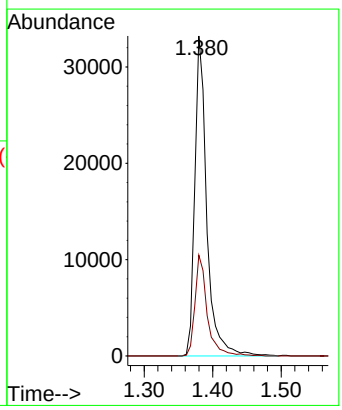


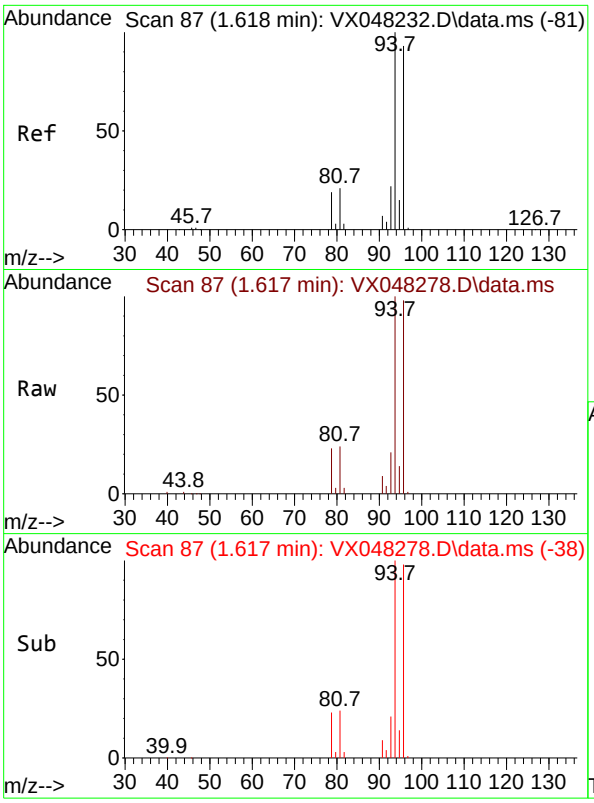


#4
Vinyl Chloride
Concen: 41.217 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 62 Resp: 40381

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7



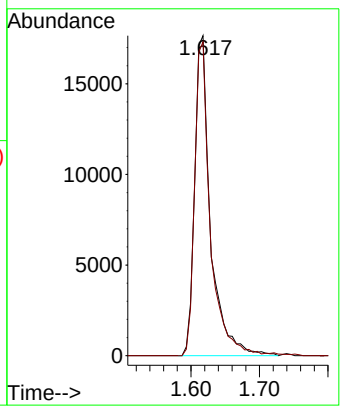


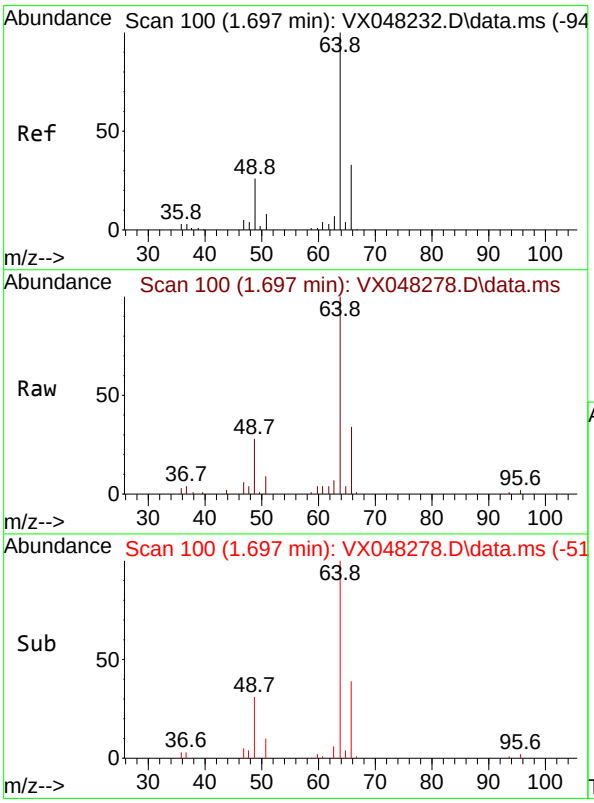
#5
Bromomethane
Concen: 42.818 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 28469

Ion	Ratio	Lower	Upper
94	100		
96	98.1	76.0	114.0

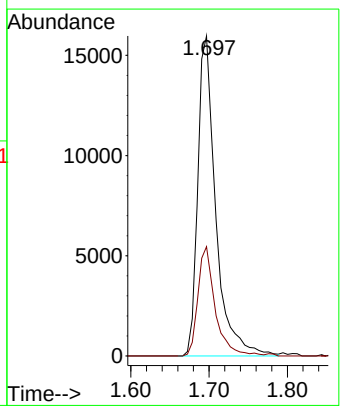


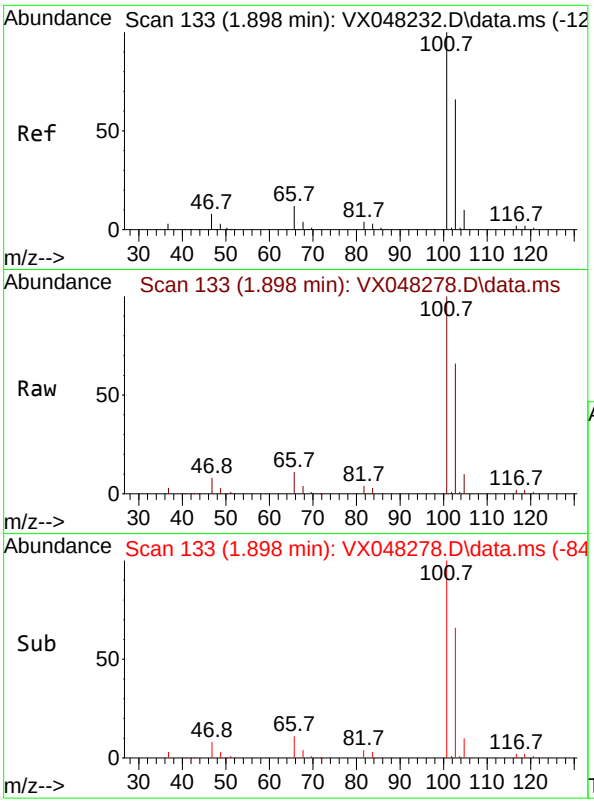


#6
Chloroethane
Concen: 44.175 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 64 Resp: 25432

Ion	Ratio	Lower	Upper
64	100		
66	34.2	23.9	35.9



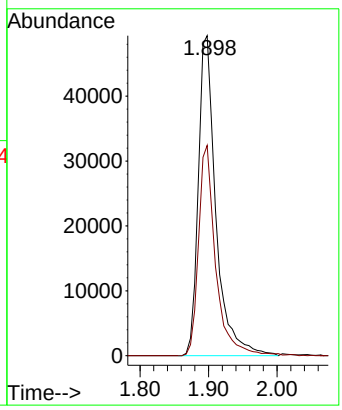


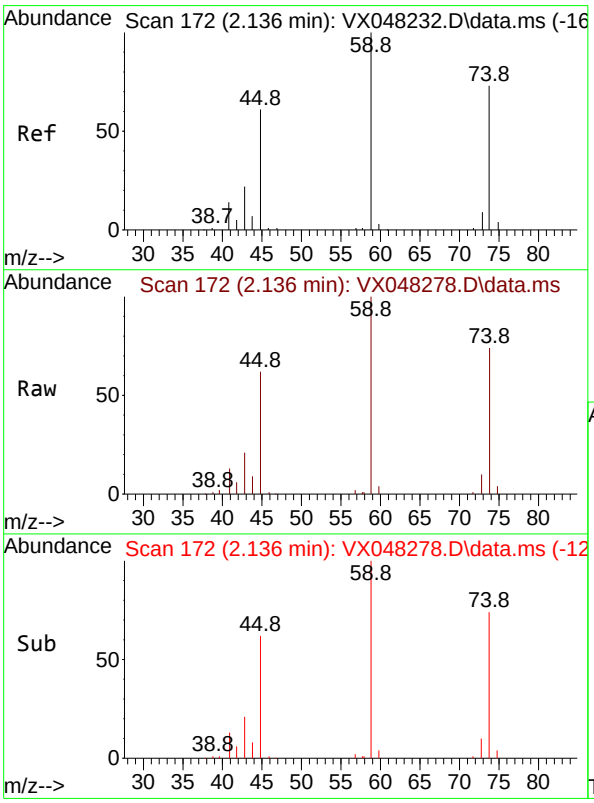
#7
Trichlorofluoromethane
Concen: 46.992 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 88297

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.6	77.4

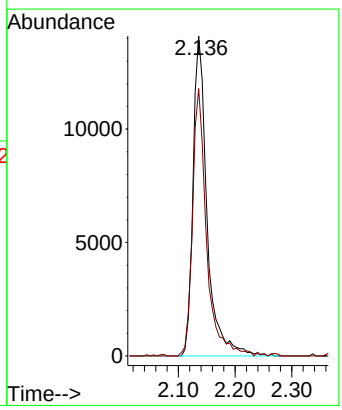


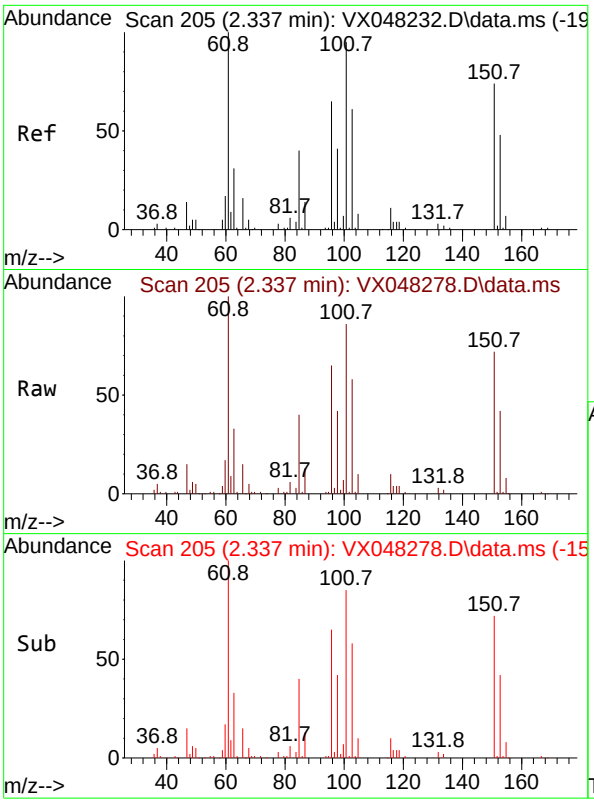


#8
Diethyl Ether
Concen: 45.877 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 74 Resp: 24255

Ion	Ratio	Lower	Upper
74	100		
45	83.2	50.0	149.8



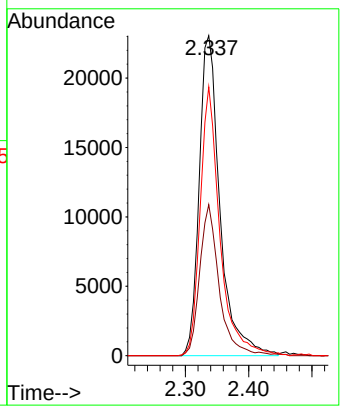


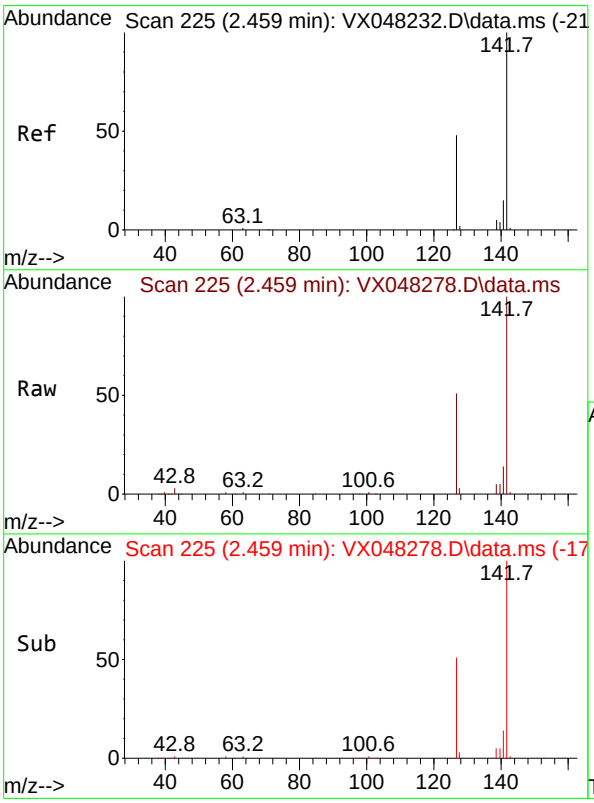
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.374 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52798

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.6	53.4
151	79.7	58.0	87.0

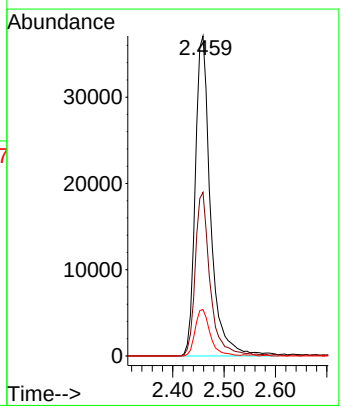


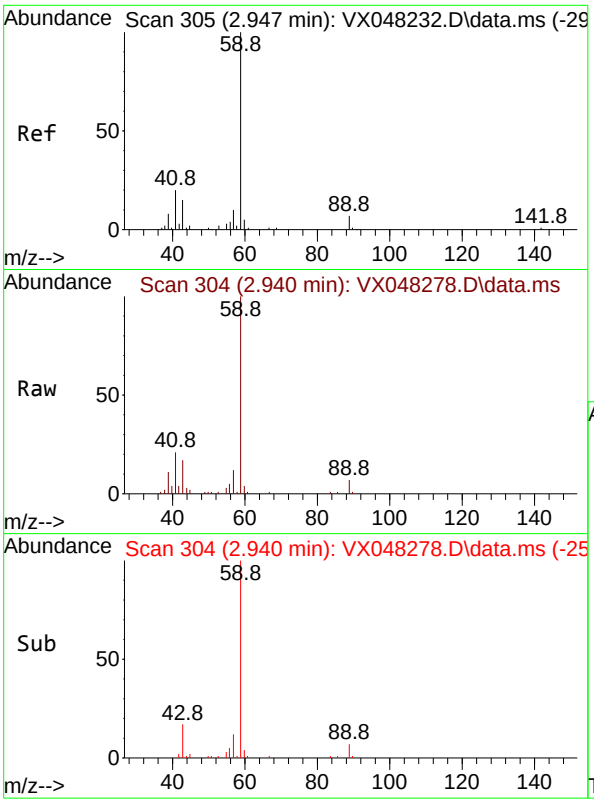


#10
Methyl Iodide
Concen: 51.416 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:142 Resp: 76908

Ion	Ratio	Lower	Upper
142	100		
127	49.9	38.5	57.7
141	14.2	11.6	17.4



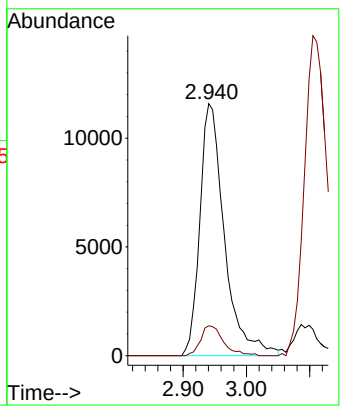


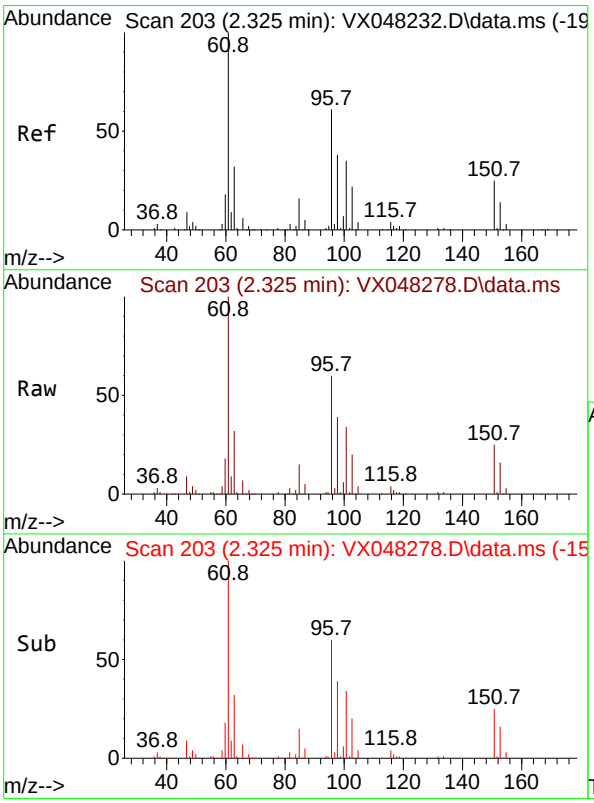
#11
Tert butyl alcohol
Concen: 204.253 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 31351

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.4

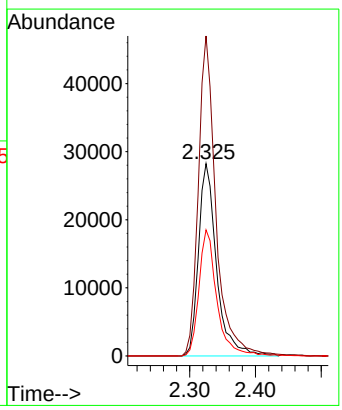


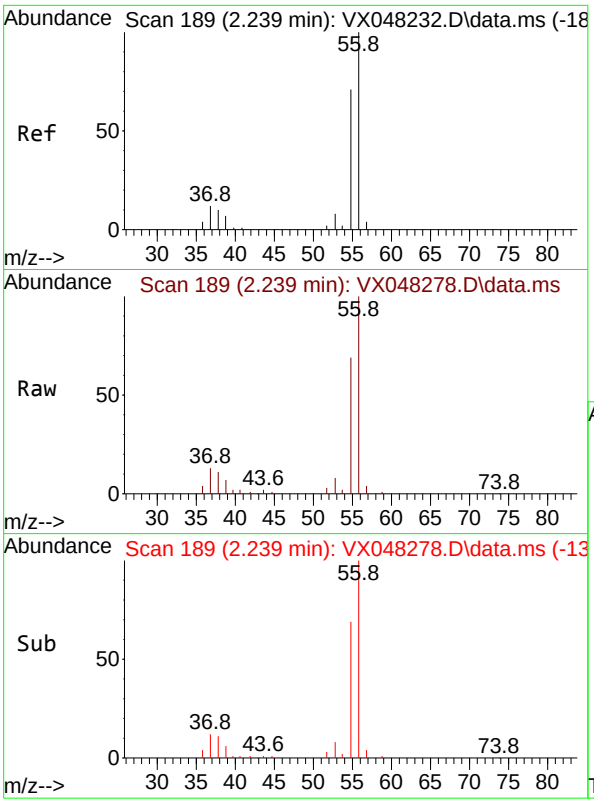


#12
1,1-Dichloroethene
Concen: 46.632 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 96 Resp: 53980

Ion	Ratio	Lower	Upper
96	100		
61	166.4	139.0	208.6
98	65.5	52.4	78.6



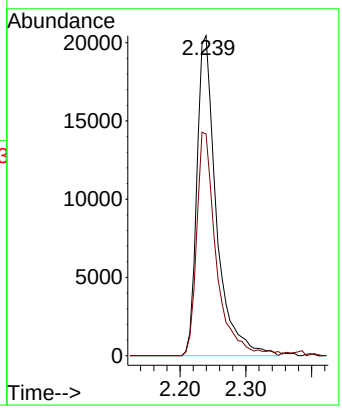


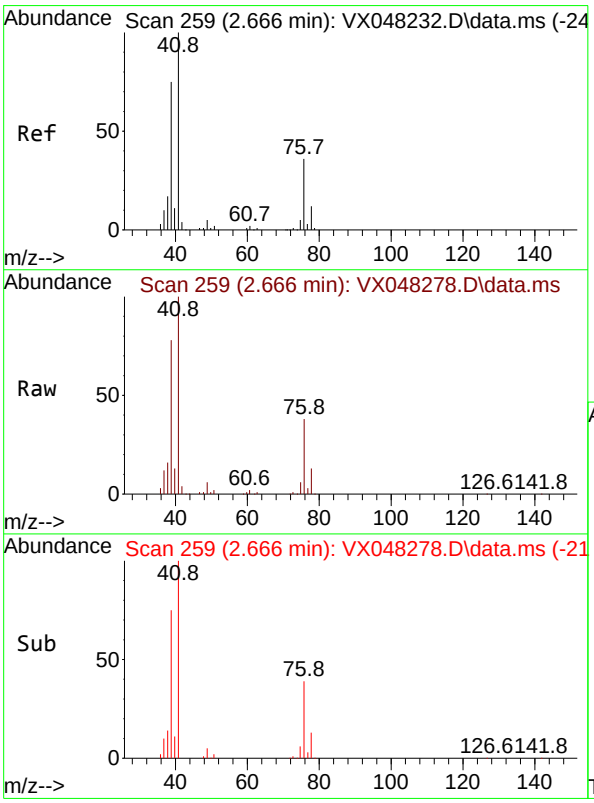
#13
Acrolein
Concen: 269.101 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 42126

Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.1	84.1

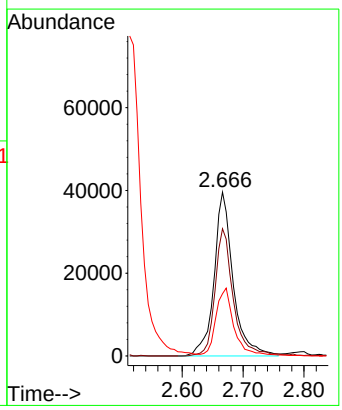


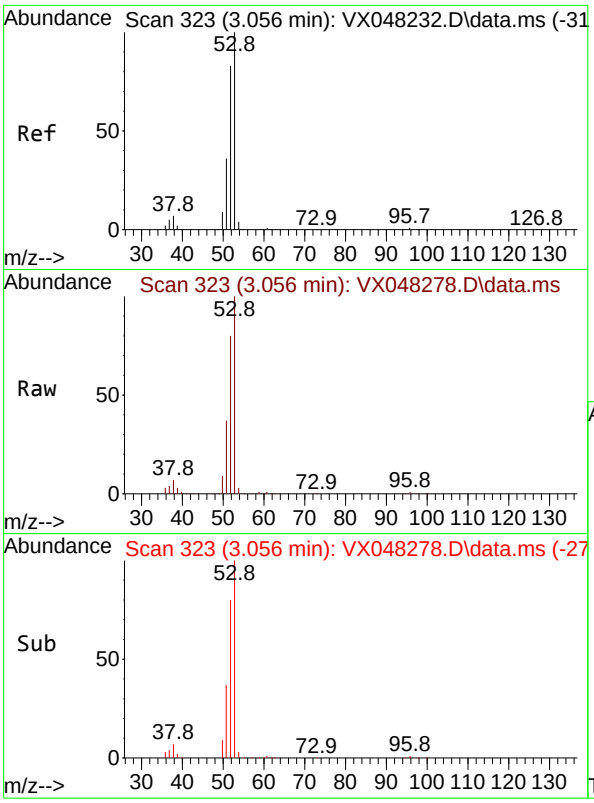


#14
Allyl chloride
Concen: 44.749 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 86002

Ion	Ratio	Lower	Upper
41	100		
39	74.6	56.0	84.0
76	39.7	27.5	41.3



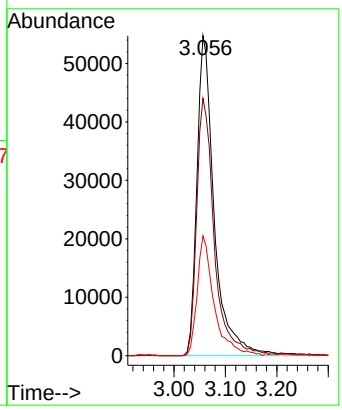


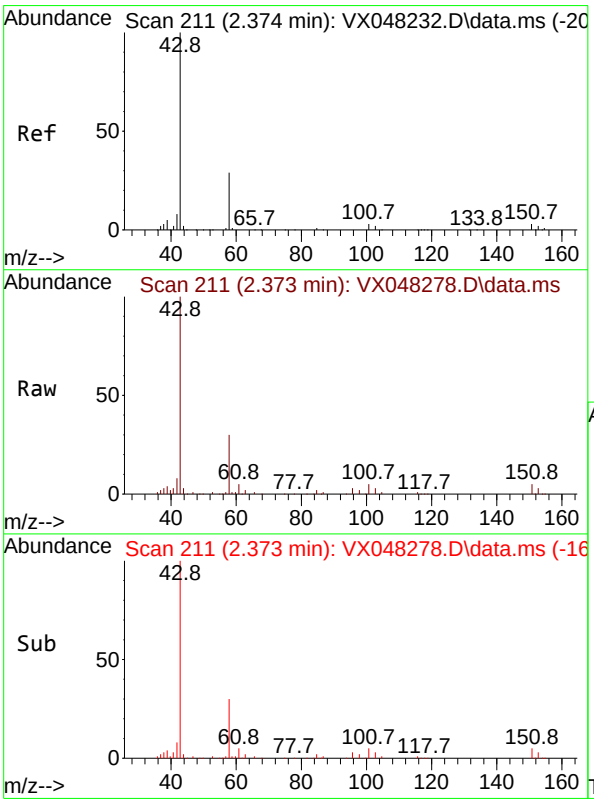
#15
Acrylonitrile
Concen: 230.910 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 127802

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	36.7	29.0	43.4

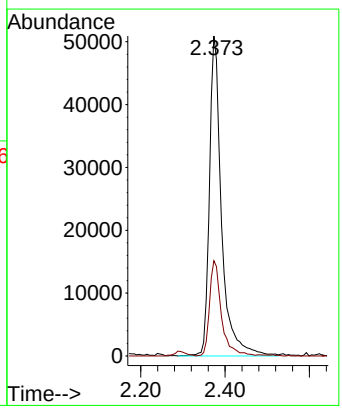


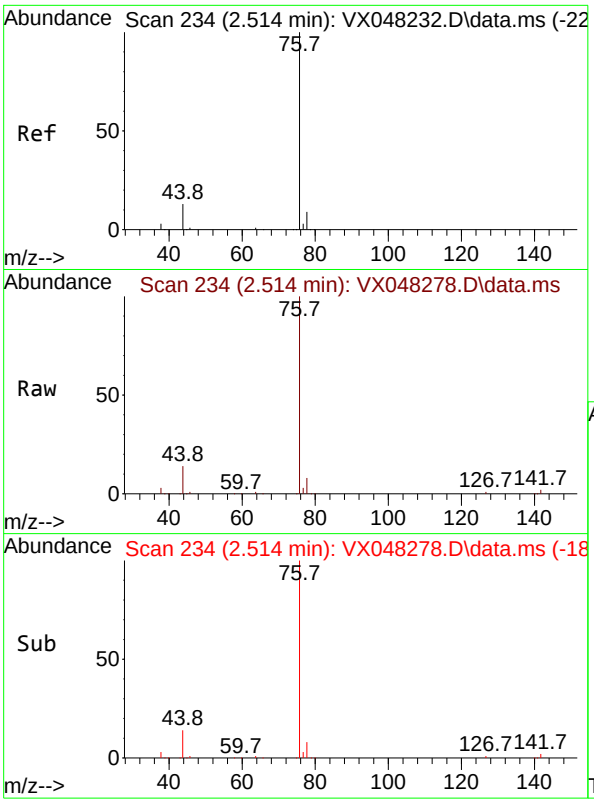


#16
Acetone
Concen: 191.905 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 101775

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.4	35.2



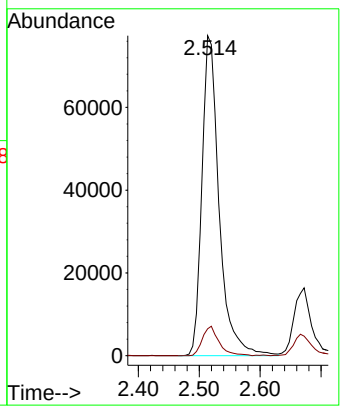


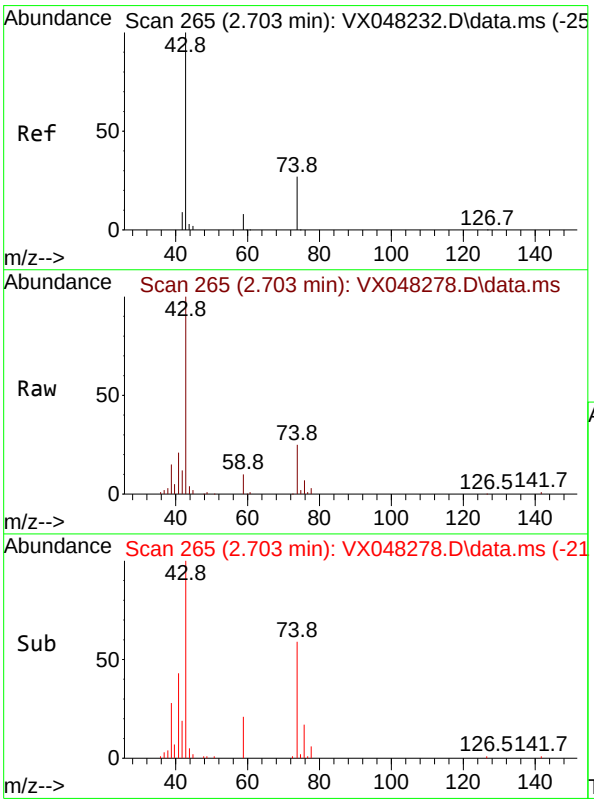
#17
Carbon Disulfide
Concen: 41.561 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 151626

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

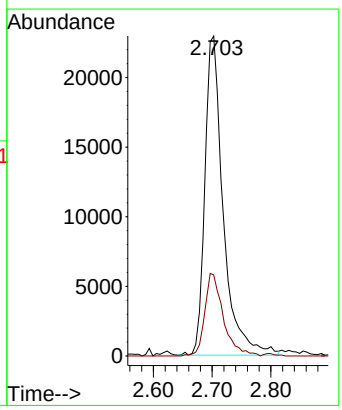


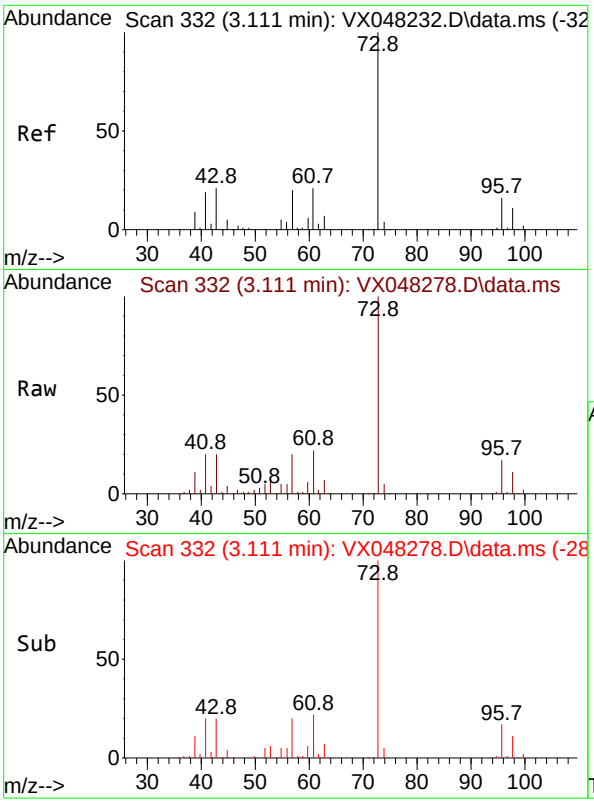


#18
Methyl Acetate
Concen: 44.941 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 49775

Ion	Ratio	Lower	Upper
43	100		
74	26.1	17.5	26.3



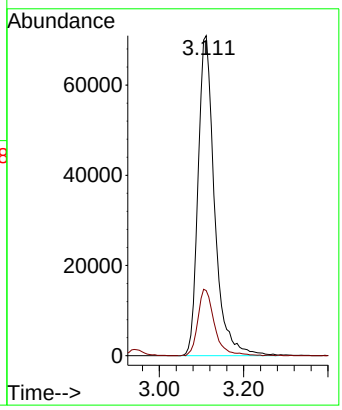


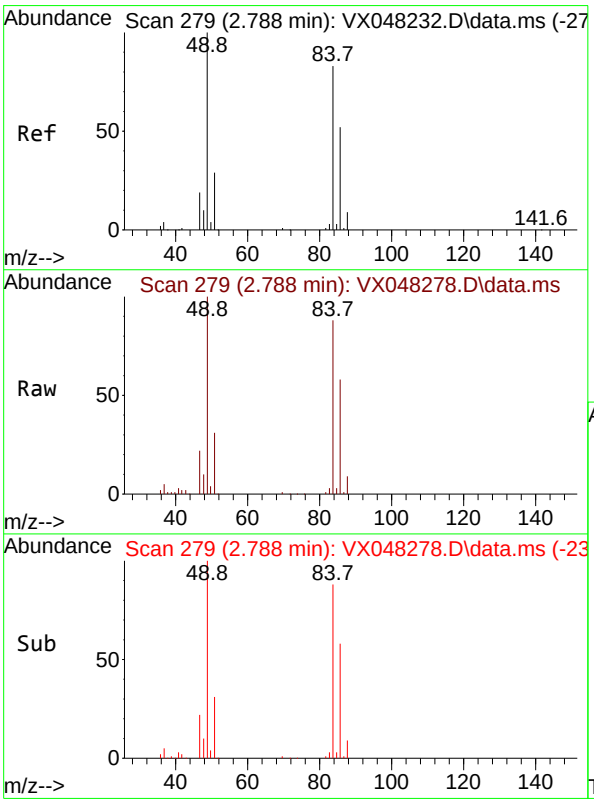
#19
Methyl tert-butyl Ether
Concen: 48.837 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 192863

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5

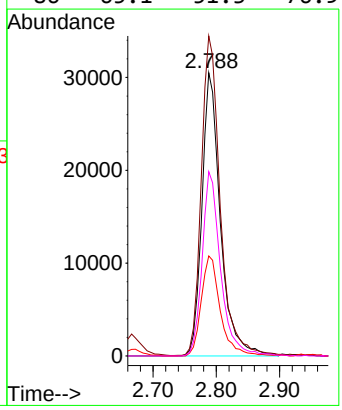


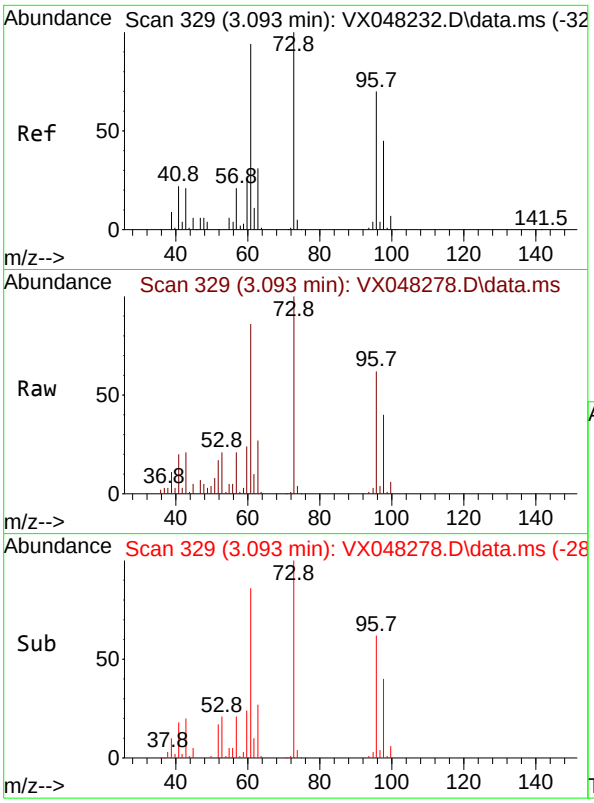


#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 84 Resp: 62187

Ion	Ratio	Lower	Upper
84	100		
49	112.8	104.1	156.1
51	35.3	31.3	46.9
86	65.1	51.3	76.9



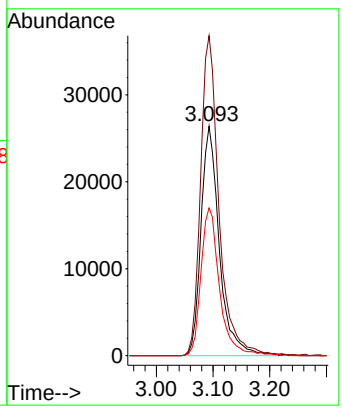


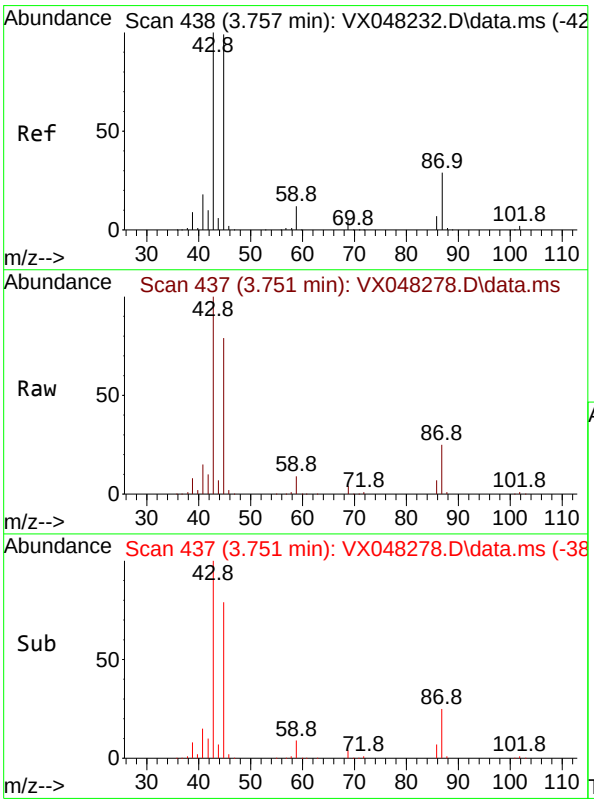
#21
trans-1,2-Dichloroethene
Concen: 46.571 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 59217

Ion	Ratio	Lower	Upper
96	100		
61	139.4	111.9	167.9
98	64.4	51.2	76.8

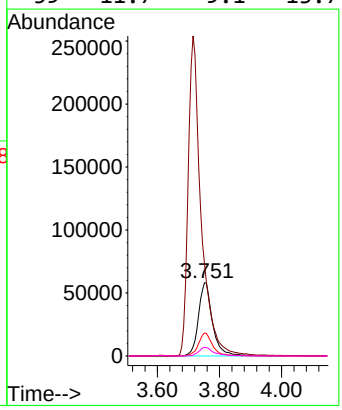


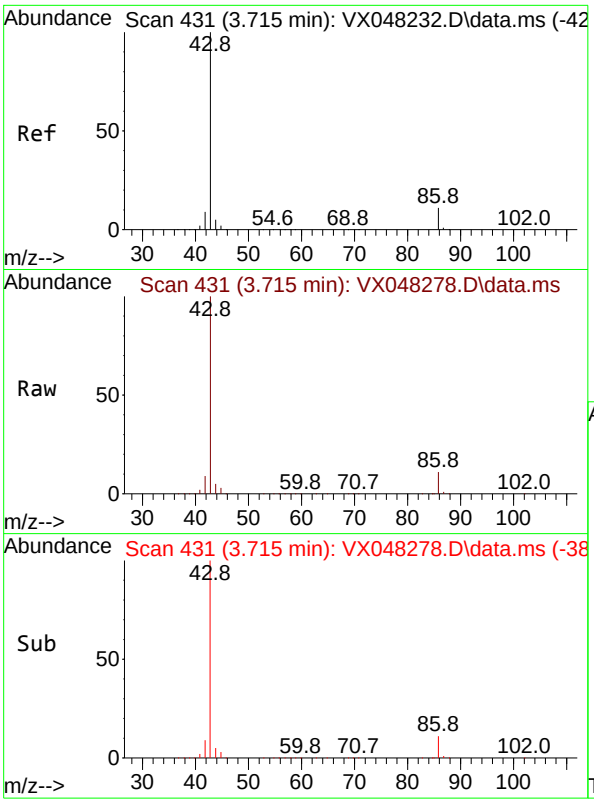


#22
Diisopropyl ether
Concen: 47.827 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 45 Resp: 183332

Ion	Ratio	Lower	Upper
45	100		
43	126.5	89.8	134.8
87	31.3	20.6	31.0#
59	11.7	9.1	13.7



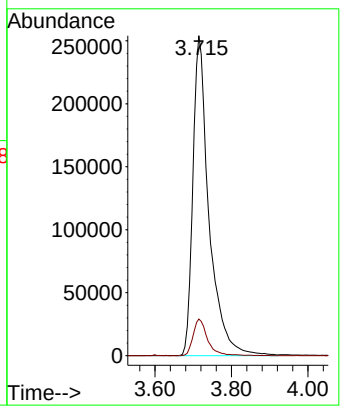


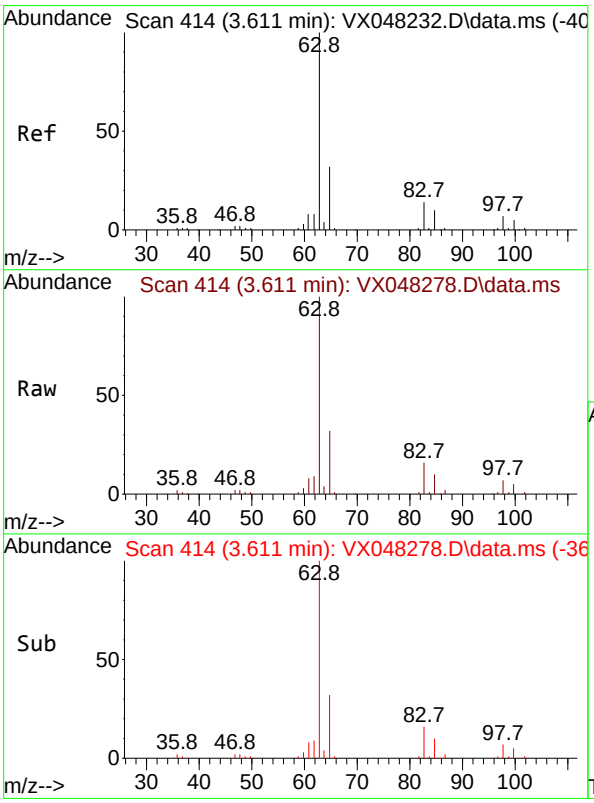
#23
Vinyl Acetate
Concen: 242.501 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 742546

Ion	Ratio	Lower	Upper
43	100		
86	11.5	7.9	11.9

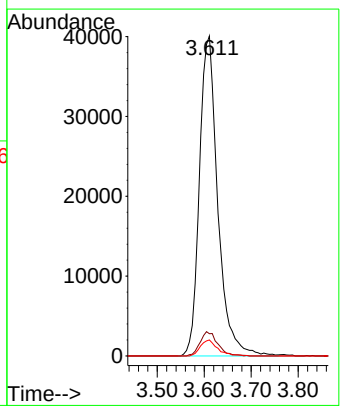


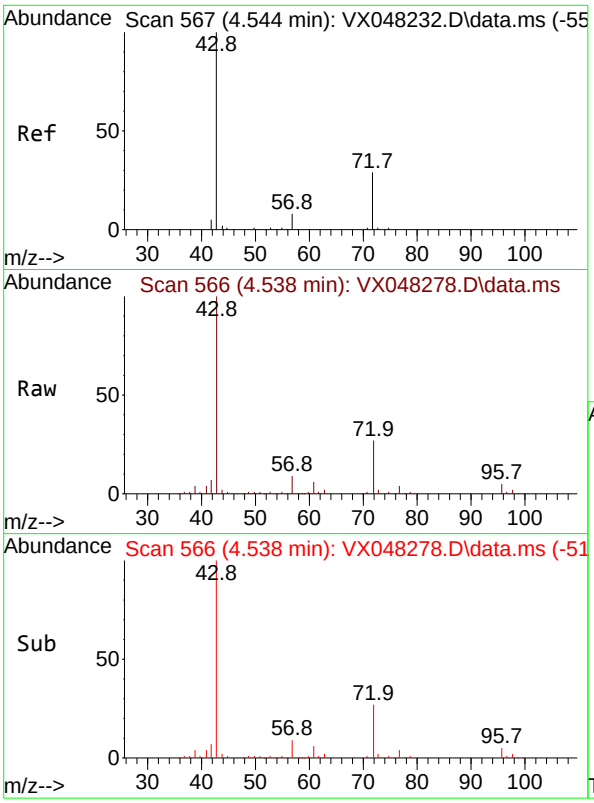


#24
1,1-Dichloroethane
Concen: 46.973 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 63 Resp: 108877

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	5.0	2.1	6.3



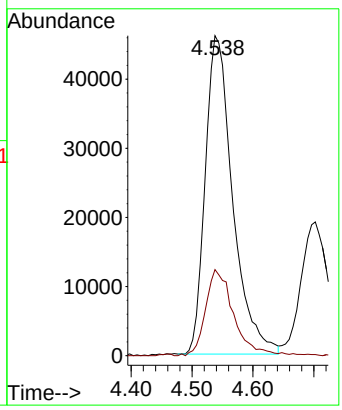


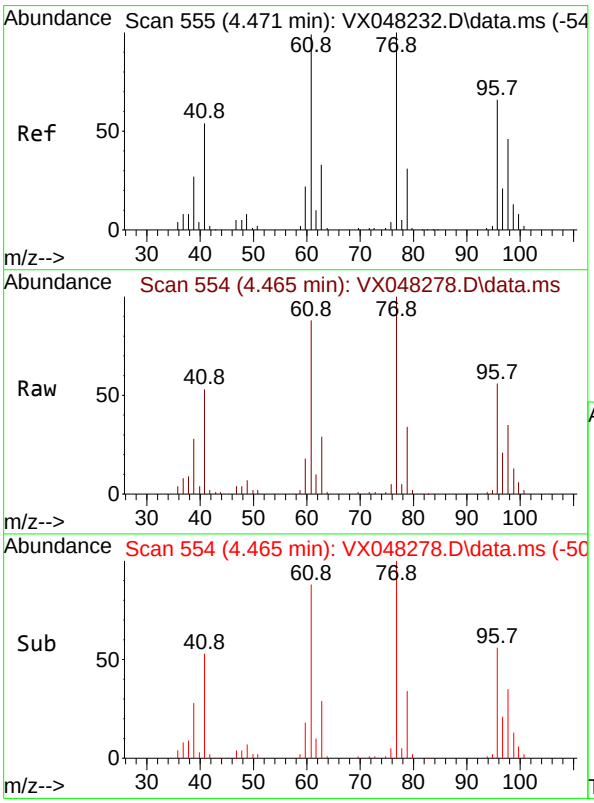
#25
2-Butanone
Concen: 215.374 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 144575

Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.9	29.9

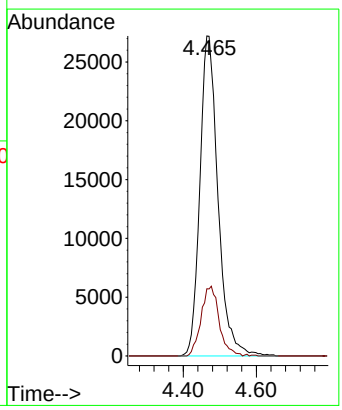


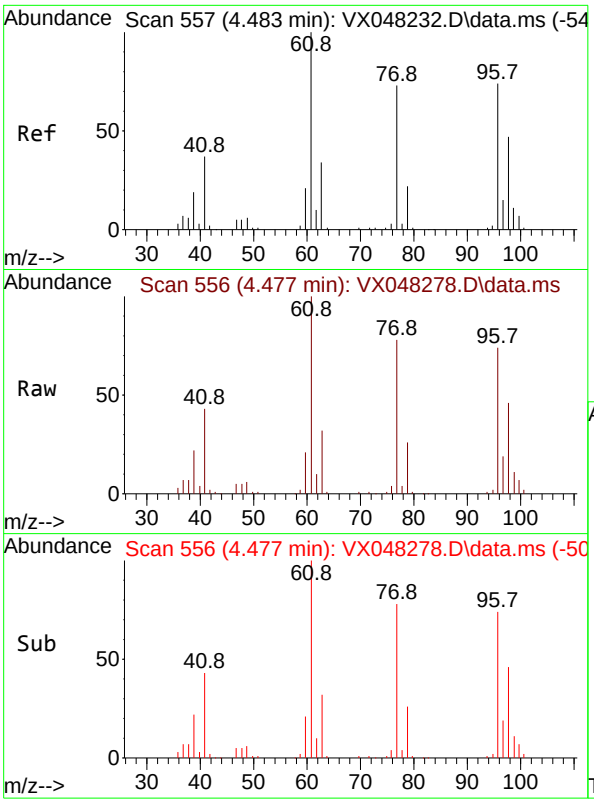


#26
2,2-Dichloropropane
Concen: 44.766 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 77 Resp: 93655

Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.1	33.3



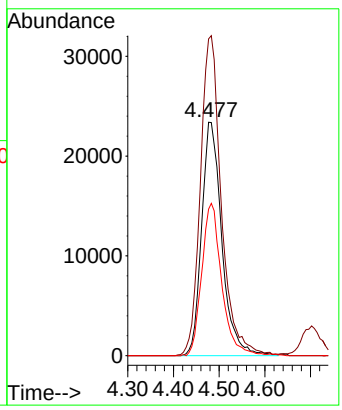


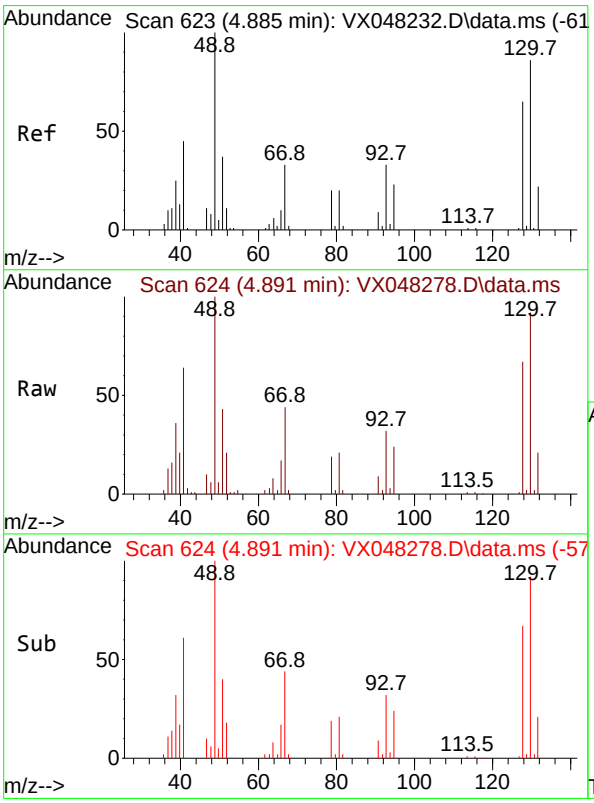
#27
cis-1,2-Dichloroethene
Concen: 48.458 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 71911

Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	294.2
98	64.3	0.0	128.4

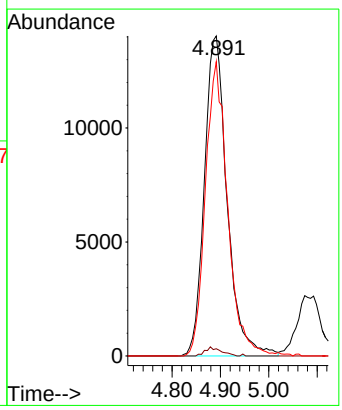


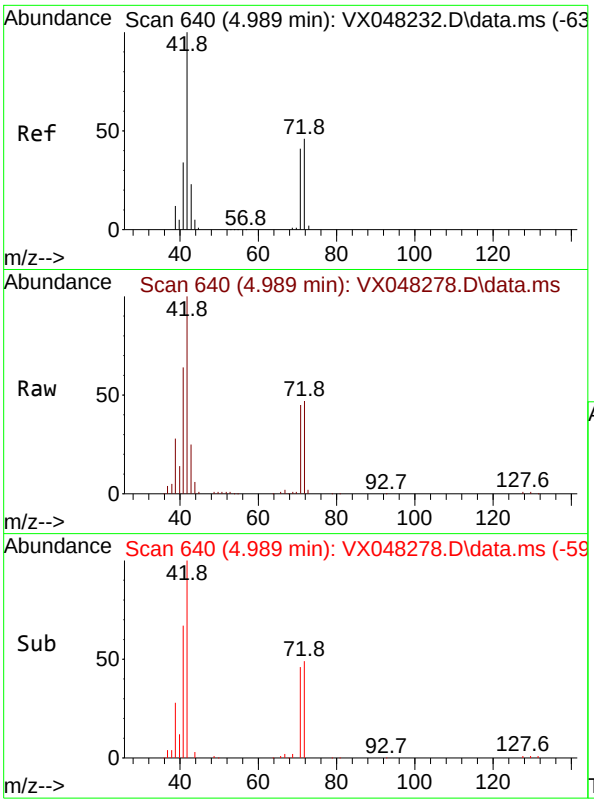


#28
Bromochloromethane
Concen: 47.680 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 49 Resp: 45824

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	90.3	59.3	88.9#



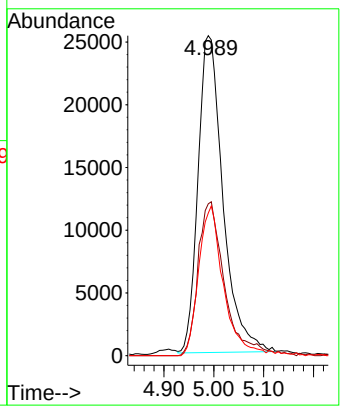


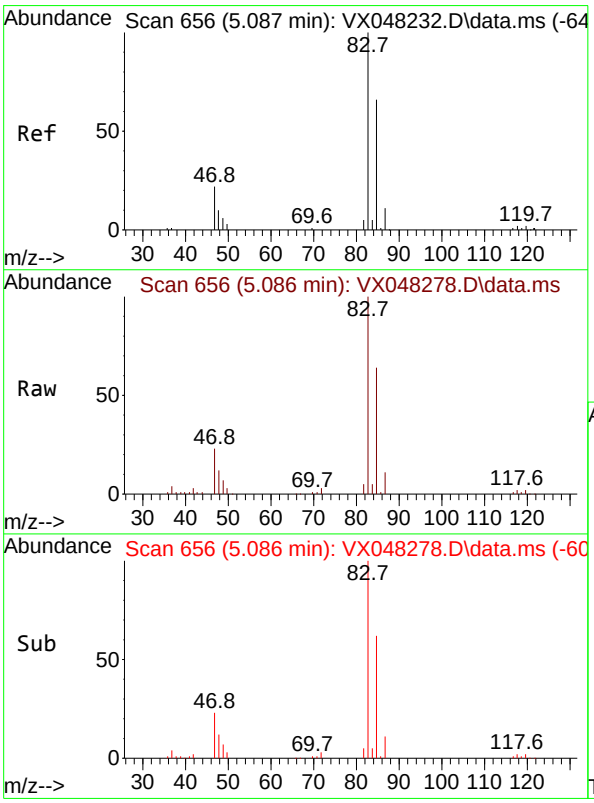
#29
Tetrahydrofuran
Concen: 218.490 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 87839

Ion	Ratio	Lower	Upper
42	100		
72	51.8	35.3	52.9
71	46.7	32.2	48.4

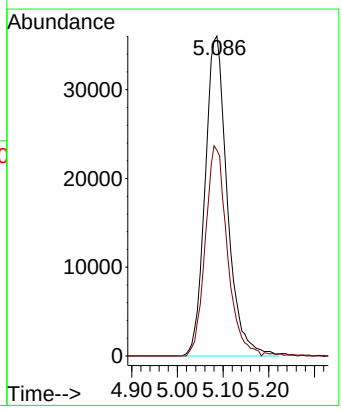


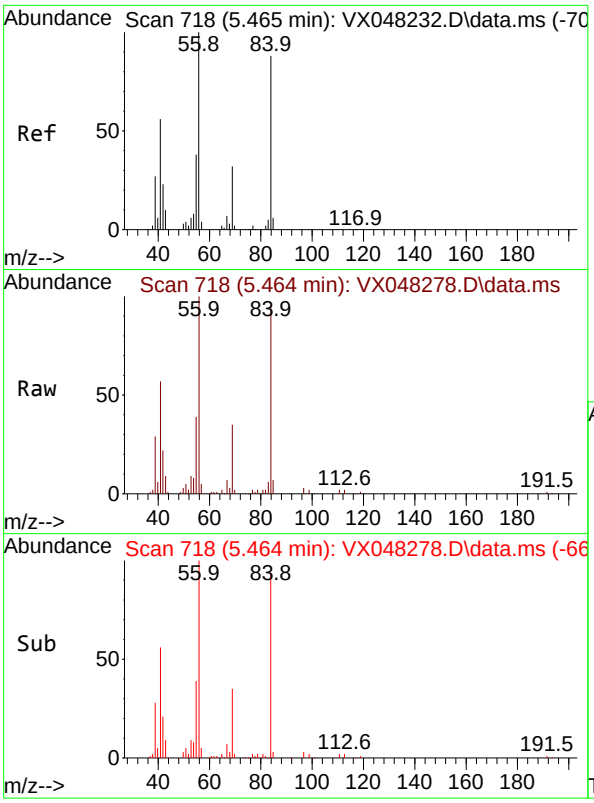


#30
Chloroform
Concen: 49.137 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 121680

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1



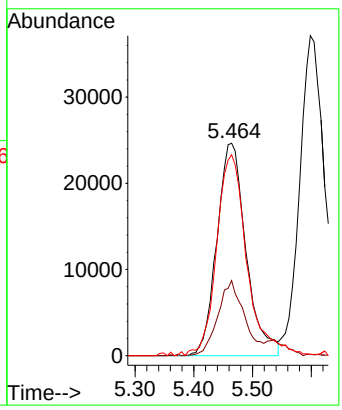


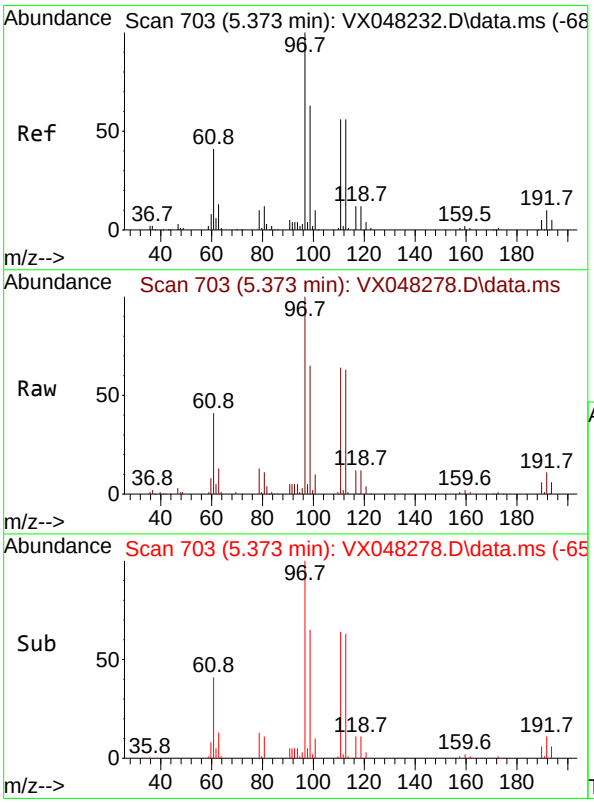
#31
Cyclohexane
Concen: 44.238 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 84891

Ion	Ratio	Lower	Upper
56	100		
69	34.7	23.0	34.6#
84	94.2	64.6	97.0

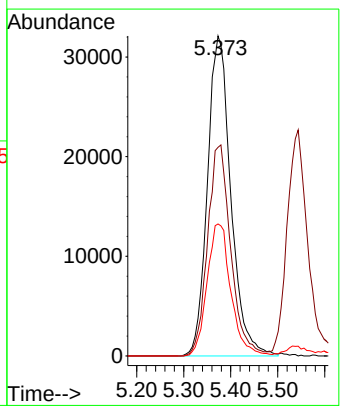


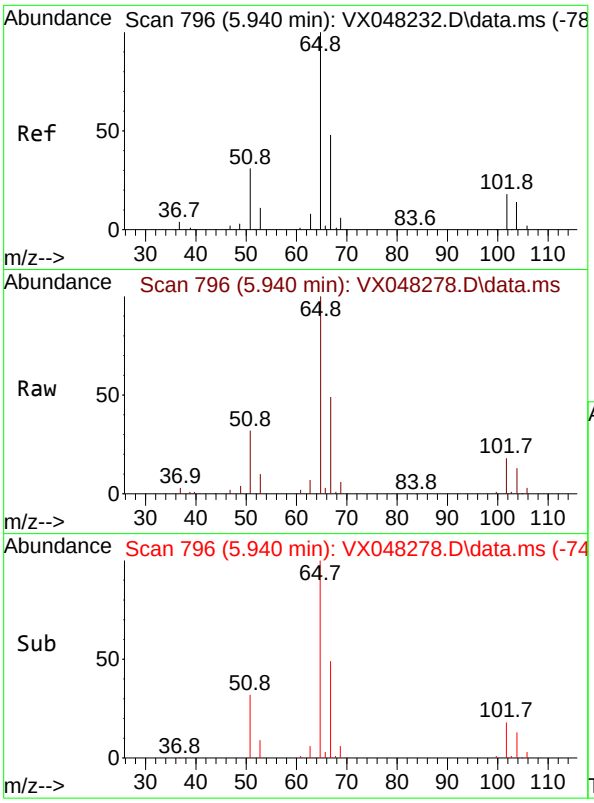


#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 97 Resp: 111254

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	41.9	34.8	52.2



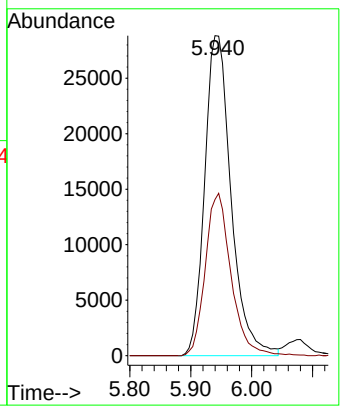


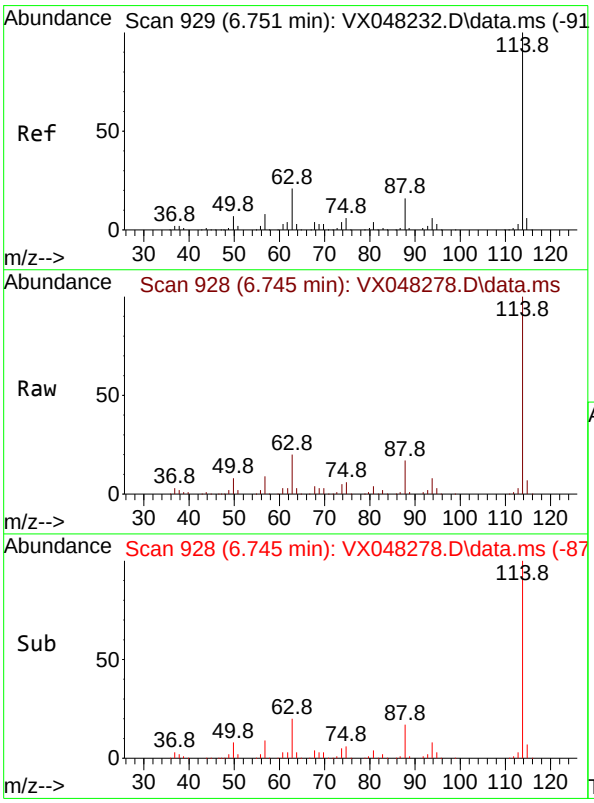
#33
1,2-Dichloroethane-d4
Concen: 56.153 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 86809

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	105.0

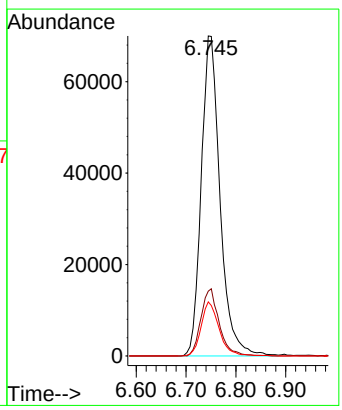


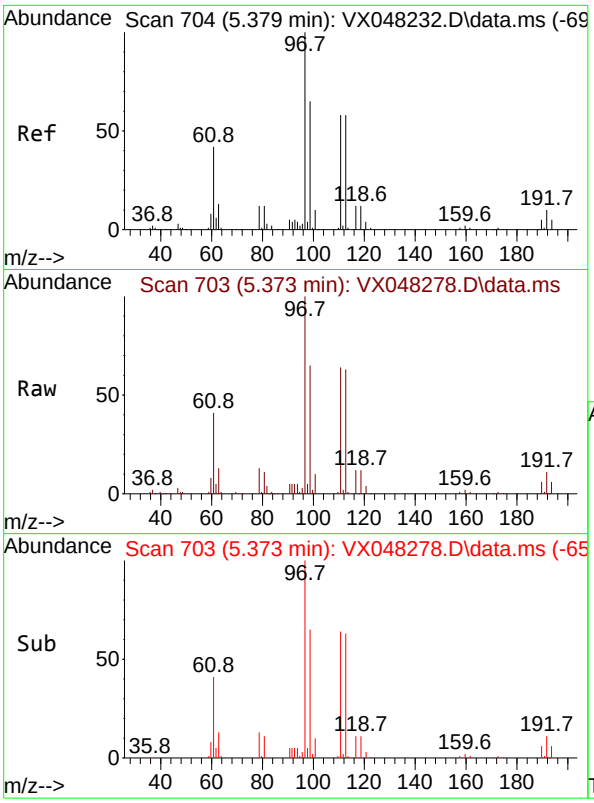


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:114 Resp: 183155

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	16.9	0.0	33.6



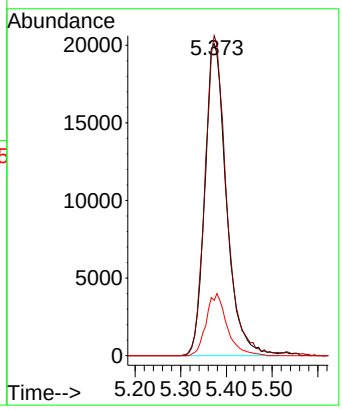


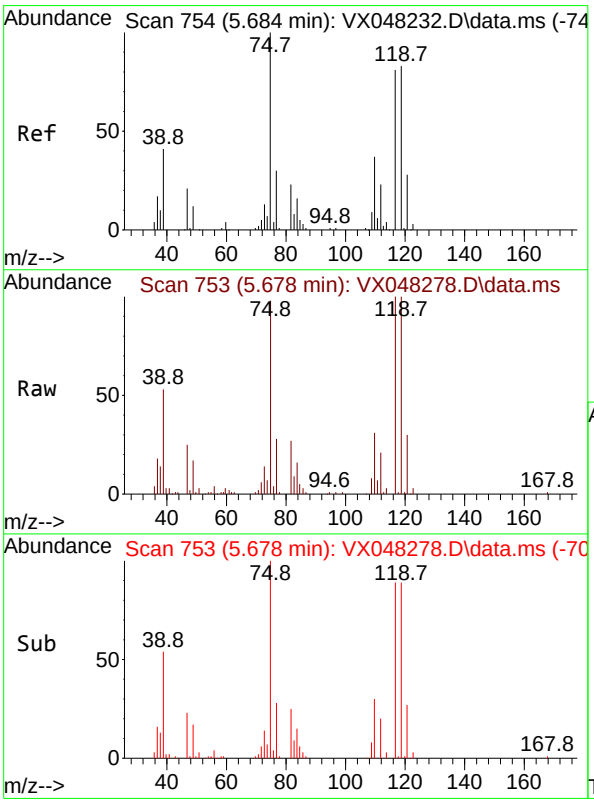
#35
Dibromofluoromethane
Concen: 52.800 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 66021

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	19.3	15.1	22.7

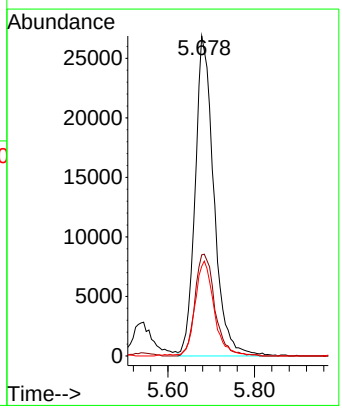


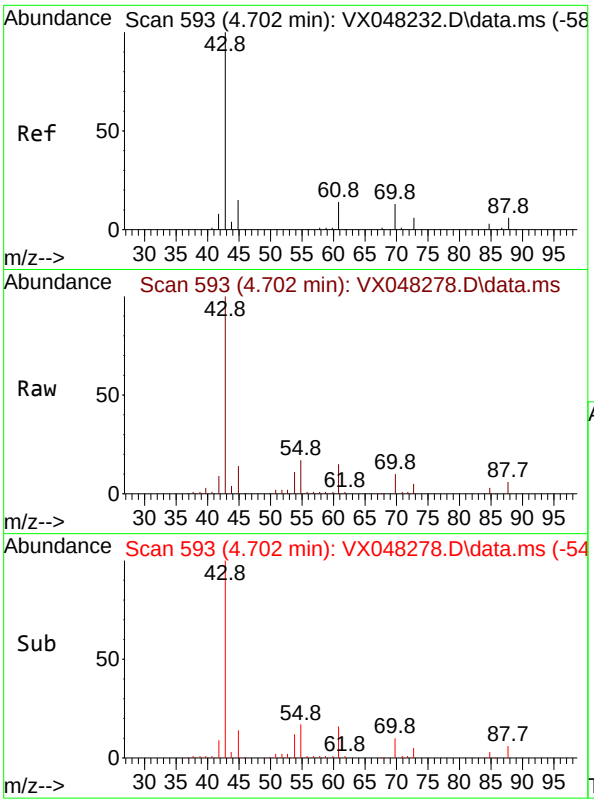


#36
1,1-Dichloropropene
Concen: 45.371 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 80634

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.7	53.1
77	30.2	24.3	36.5



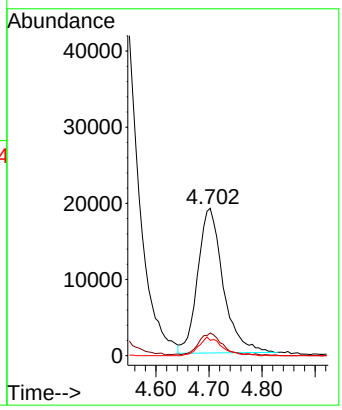


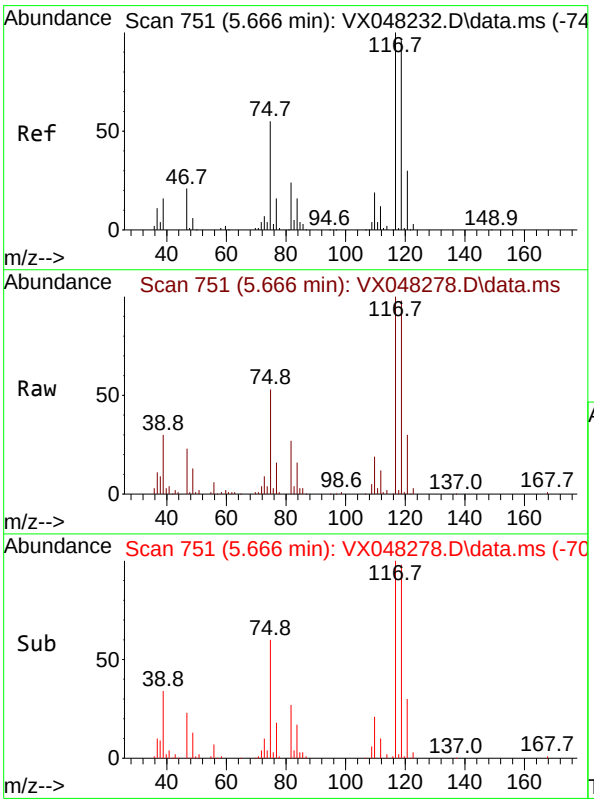
#37
Ethyl Acetate
Concen: 42.851 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 63123

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	11.2	7.8	11.6

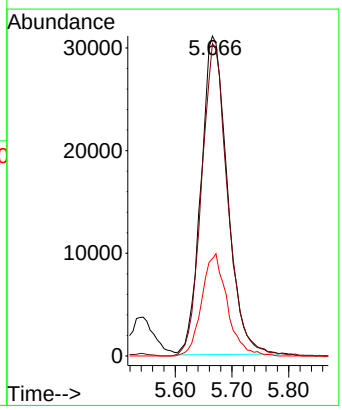


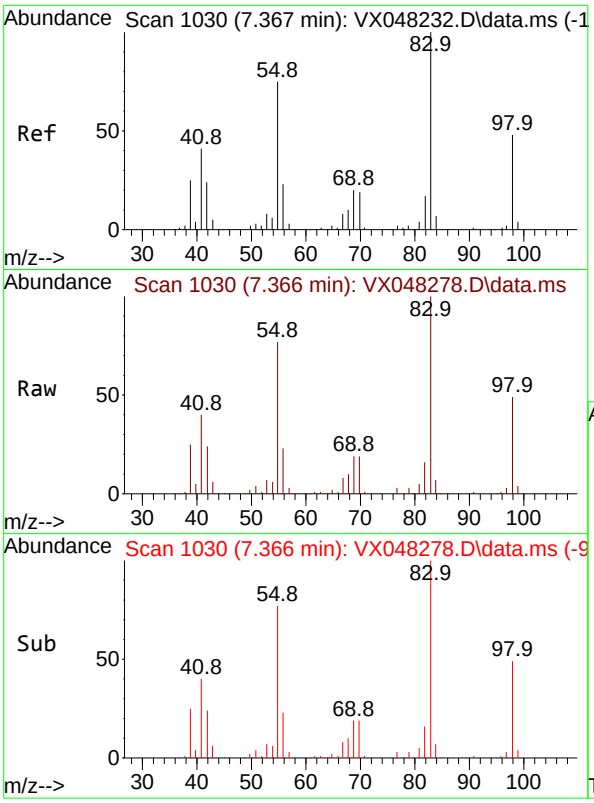


#38
Carbon Tetrachloride
Concen: 45.671 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 100140

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.2	115.8
121	30.6	24.8	37.2



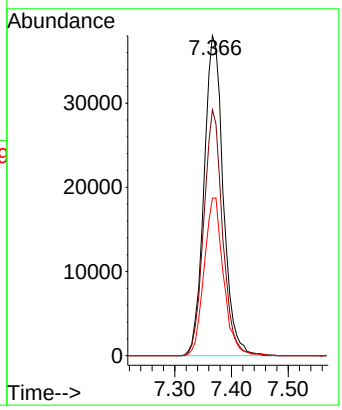


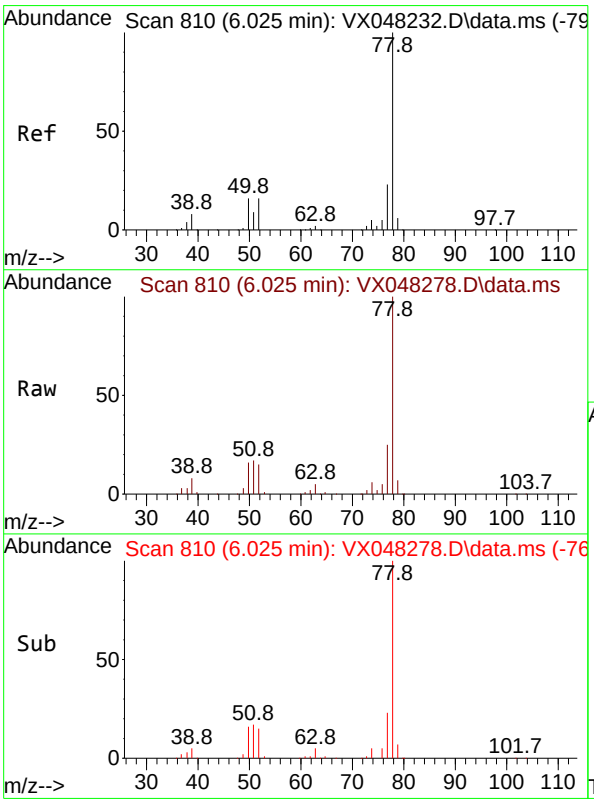
#39
Methylcyclohexane
Concen: 42.670 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 89560

Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.2	99.2
98	49.2	38.9	58.3

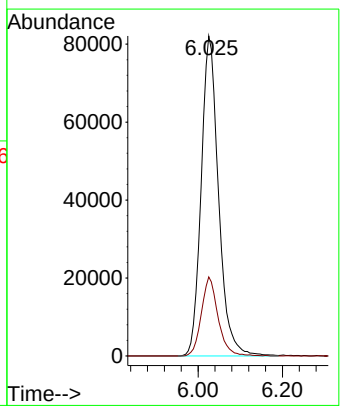


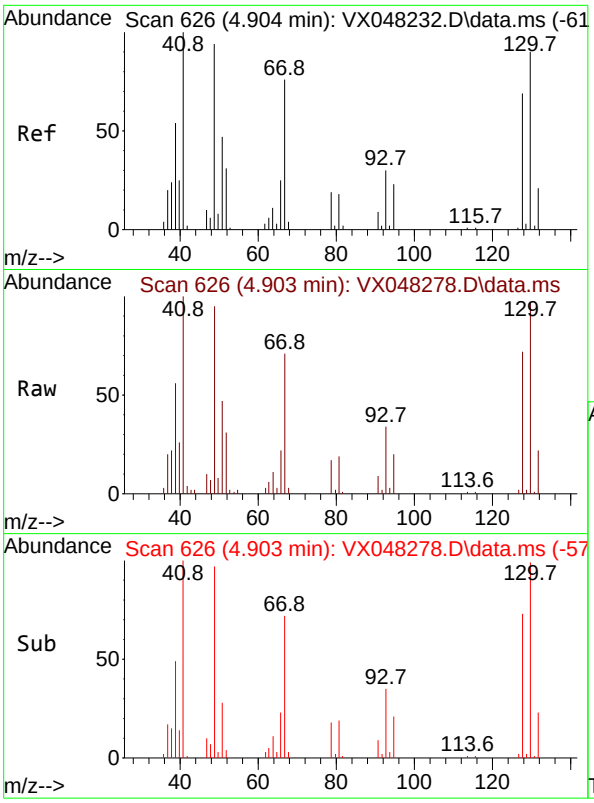


#40
Benzene
Concen: 45.621 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 78 Resp: 235395

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9



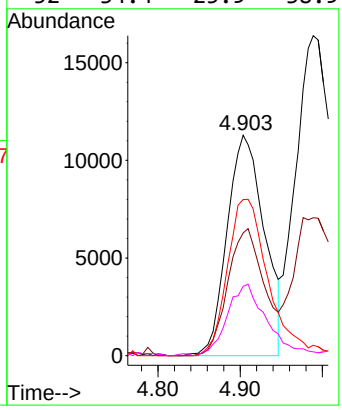


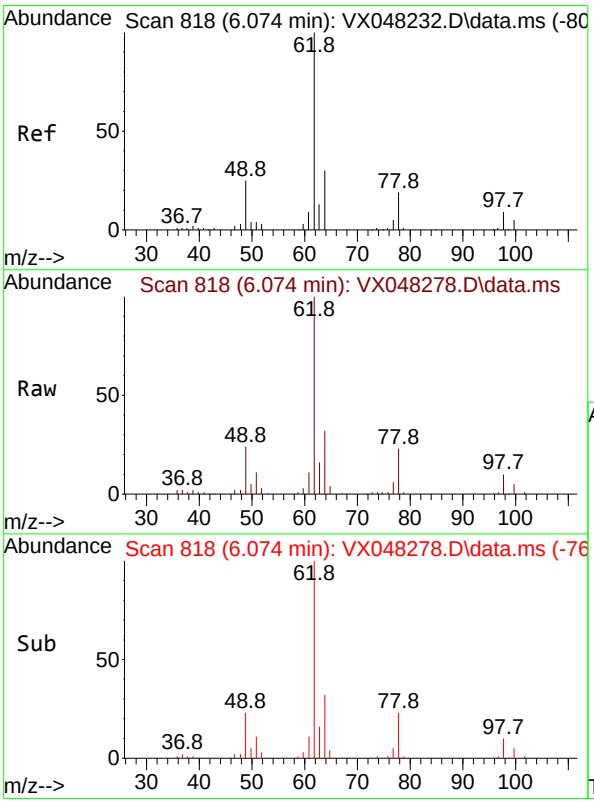
#41
Methacrylonitrile
Concen: 45.945 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 35543

Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.0	66.0
67	78.6	58.7	88.1
52	34.4	25.9	38.9

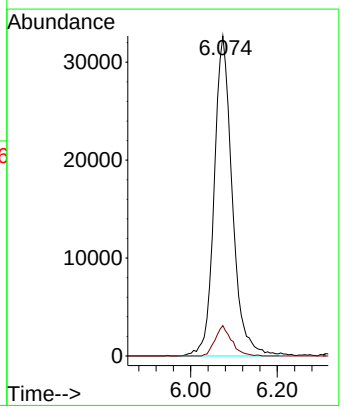


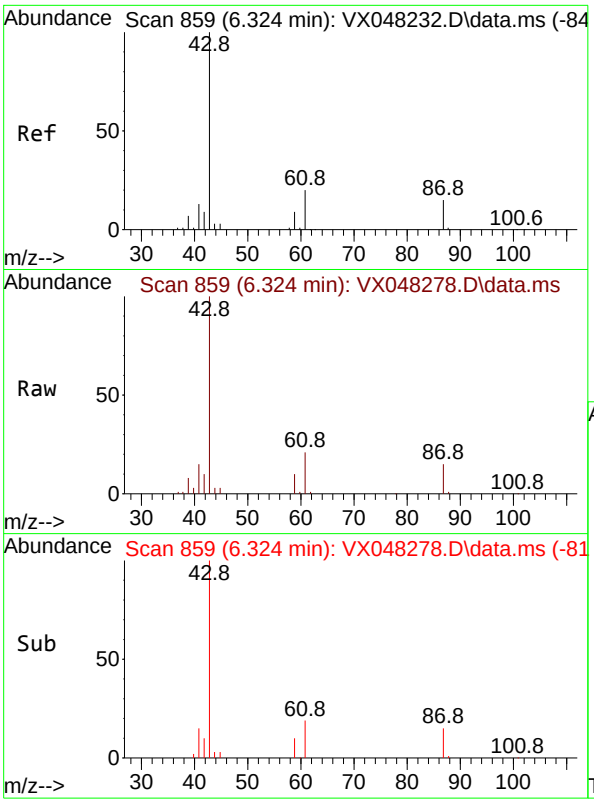


#42
1,2-Dichloroethane
Concen: 49.906 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 62 Resp: 95021

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



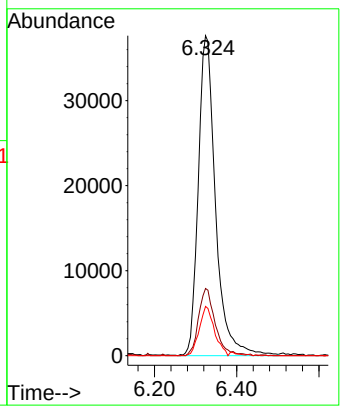


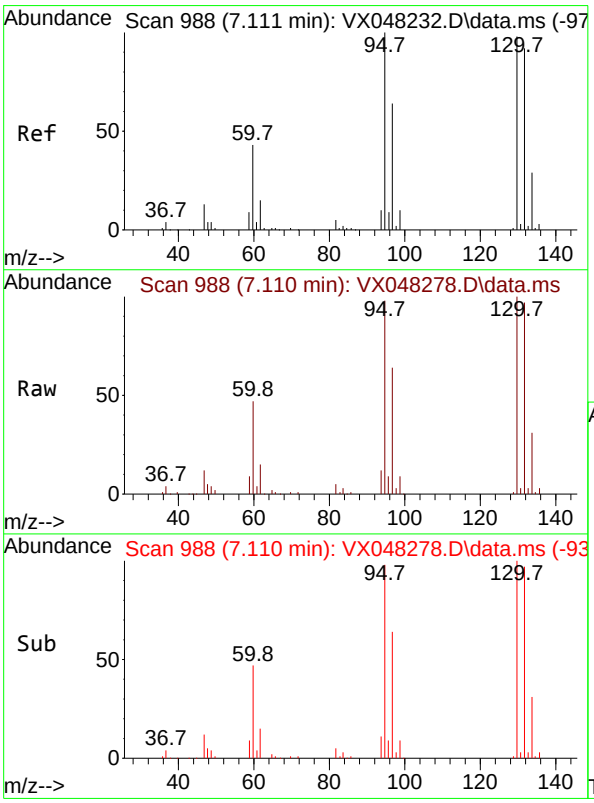
#43
Isopropyl Acetate
Concen: 45.374 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 109791

Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.9	22.3
87	13.4	9.4	14.2

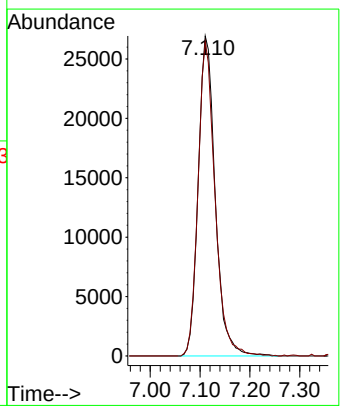


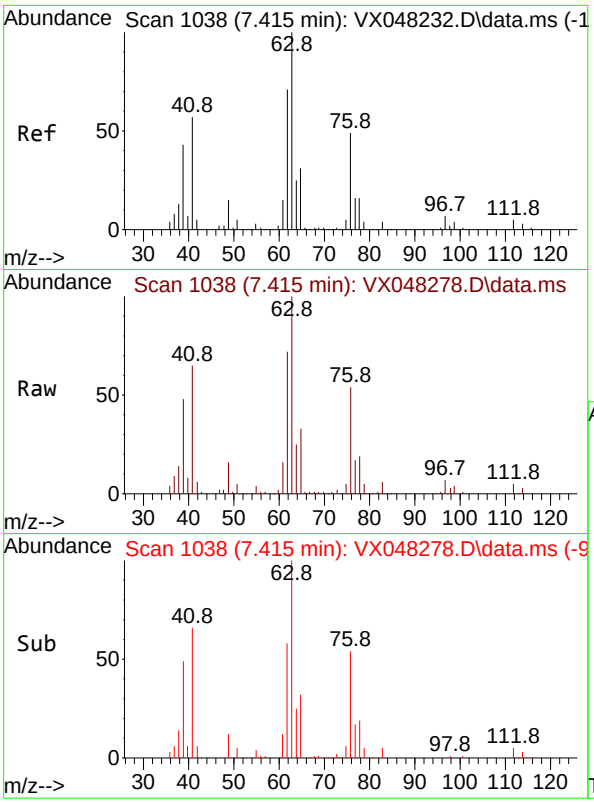


#44
Trichloroethene
Concen: 46.735 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:130 Resp: 63675

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	200.6



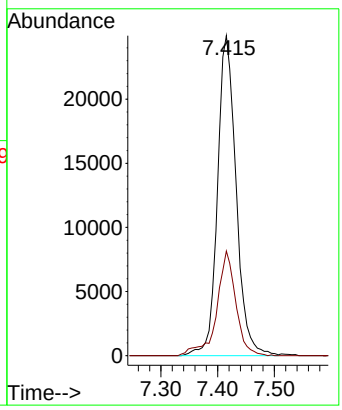


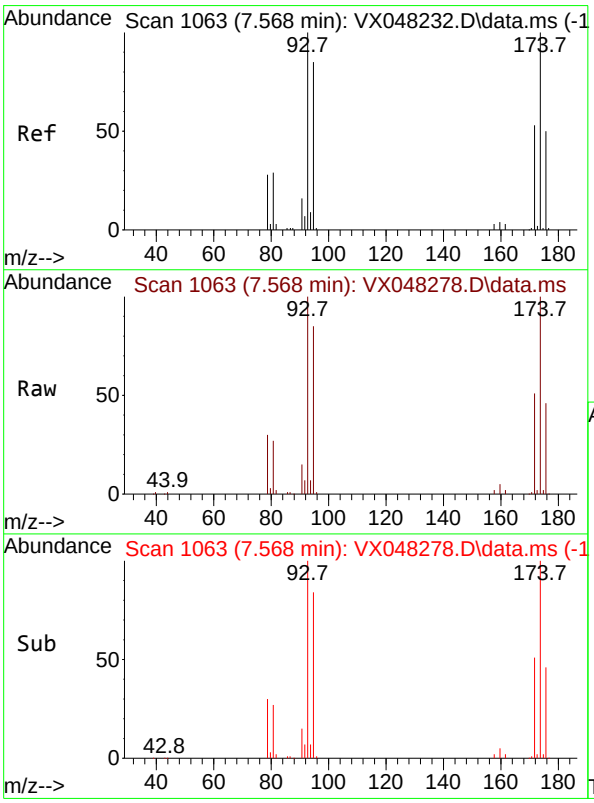
#45
1,2-Dichloropropane
Concen: 46.474 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 57013

Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.1	36.1

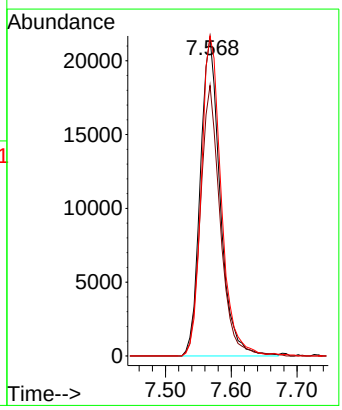


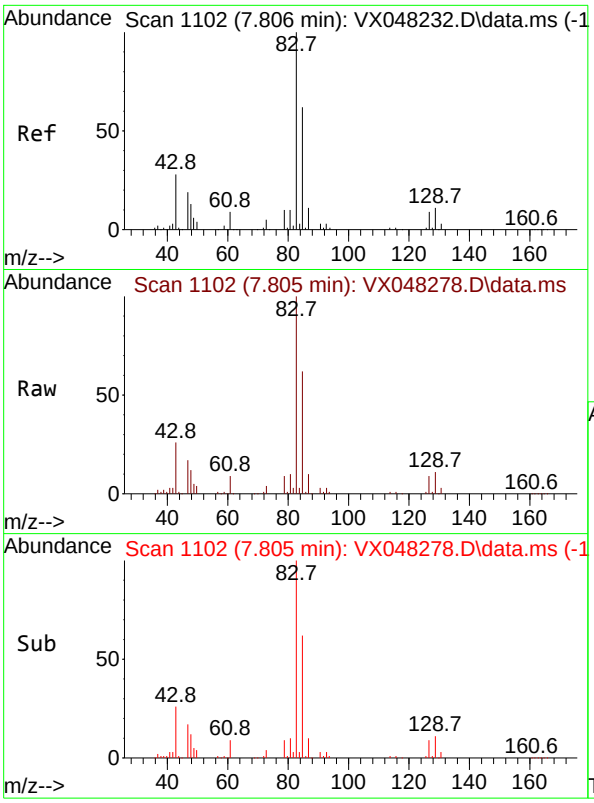


#46
Dibromomethane
Concen: 47.155 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 93 Resp: 45069

Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.9	98.9
174	101.0	71.7	107.5



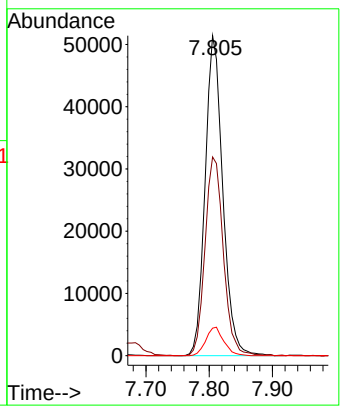


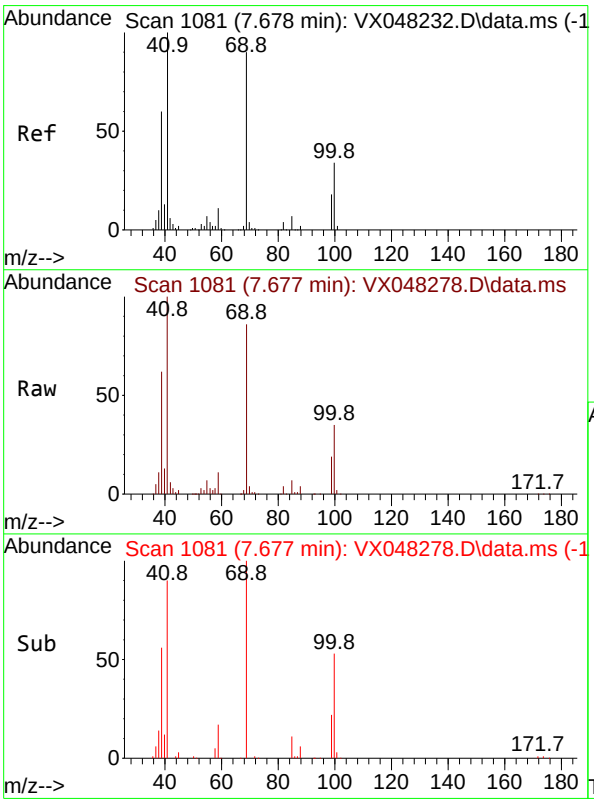
#47
Bromodichloromethane
Concen: 48.404 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 99888

Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.2	78.4
127	8.6	7.3	10.9

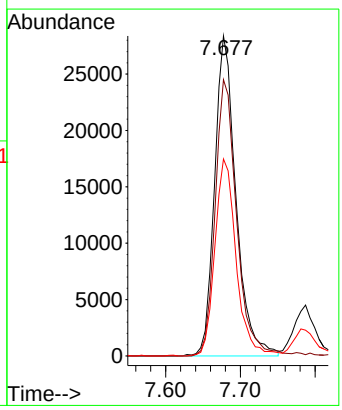


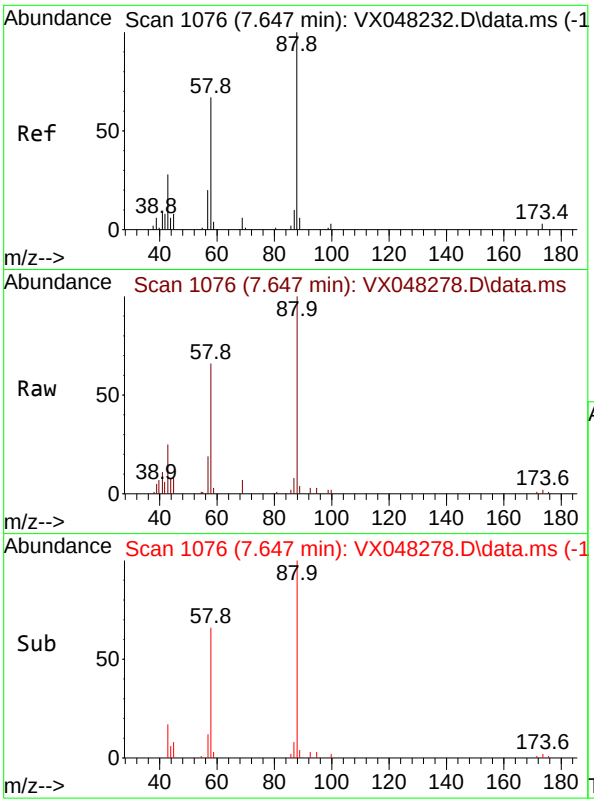


#48
Methyl methacrylate
Concen: 46.243 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 56463

Ion	Ratio	Lower	Upper
41	100		
69	86.7	63.4	95.0
39	61.4	47.1	70.7



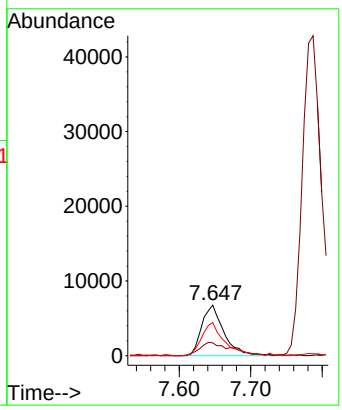


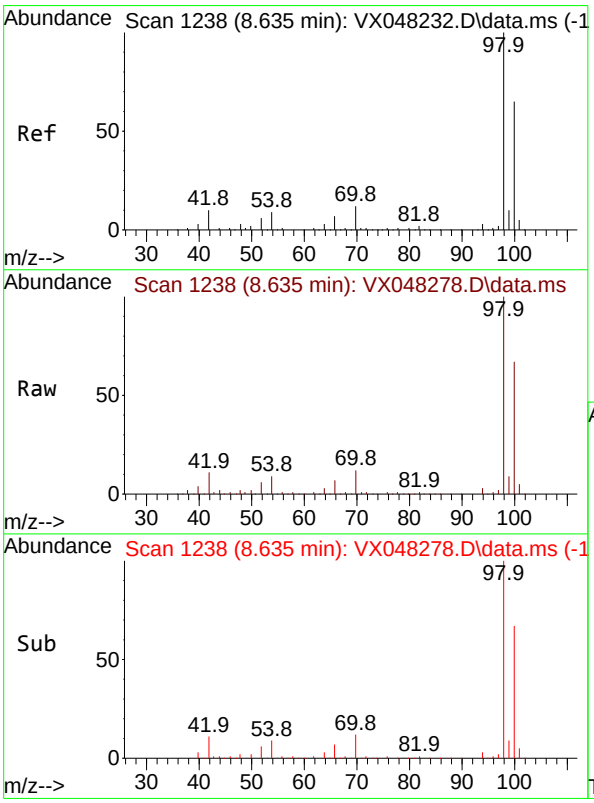
#49
1,4-Dioxane
Concen: 901.119 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 14536

Ion	Ratio	Lower	Upper
88	100		
43	37.8	35.0	52.4
58	66.5	61.9	92.9

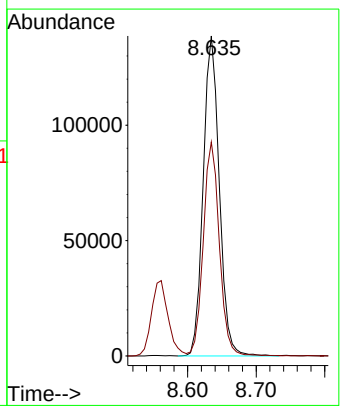


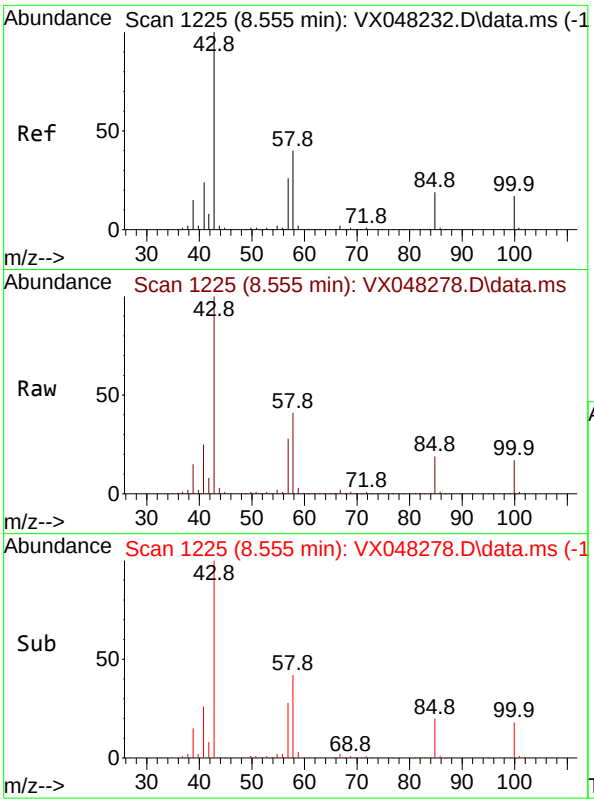


#50
Toluene-d8
Concen: 51.716 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 98 Resp: 226656

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



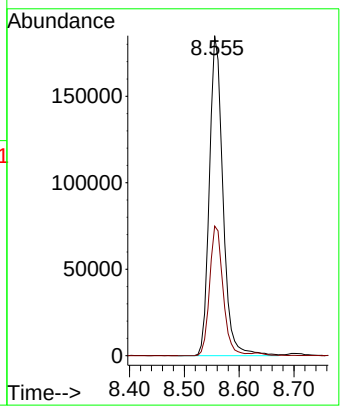


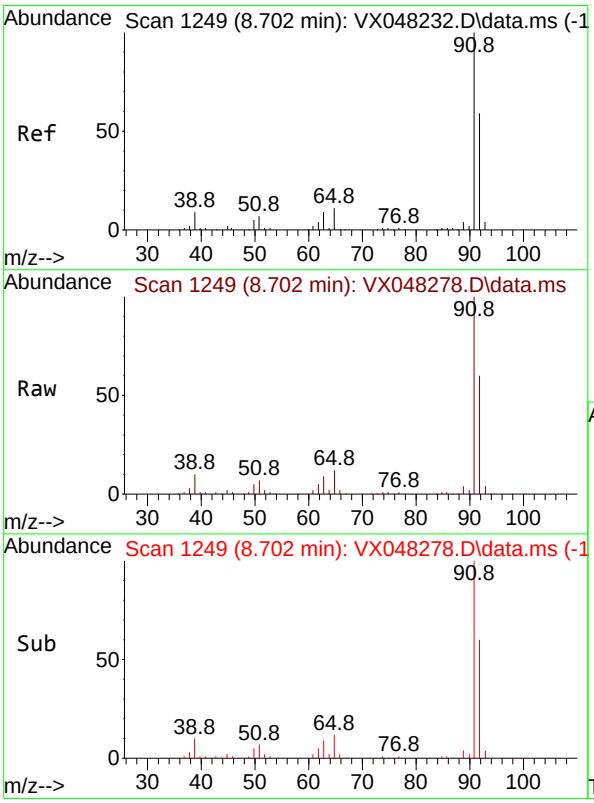
#51
4-Methyl-2-Pentanone
Concen: 227.242 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 317029

Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.5	44.3

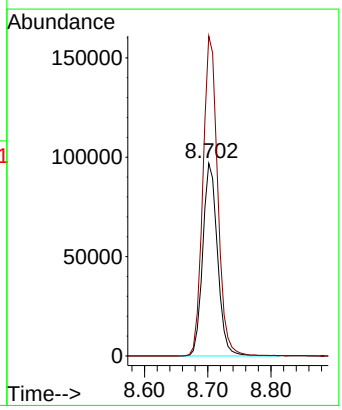


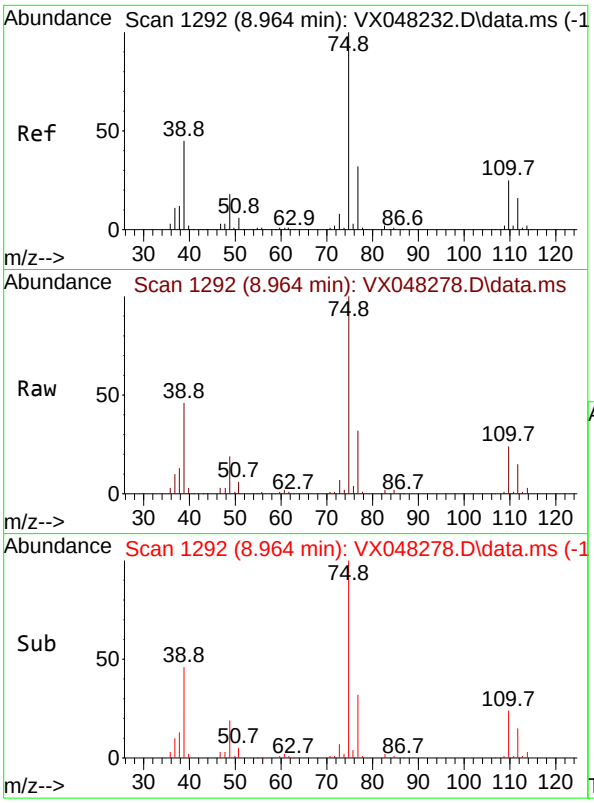


#52
Toluene
Concen: 48.031 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 92 Resp: 157443

Ion	Ratio	Lower	Upper
92	100		
91	166.7	136.1	204.1



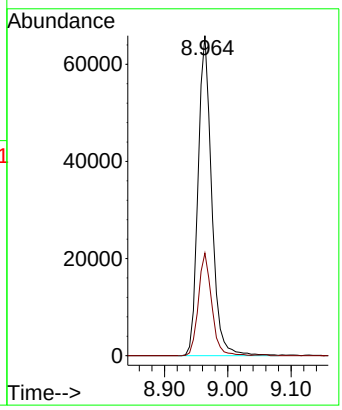


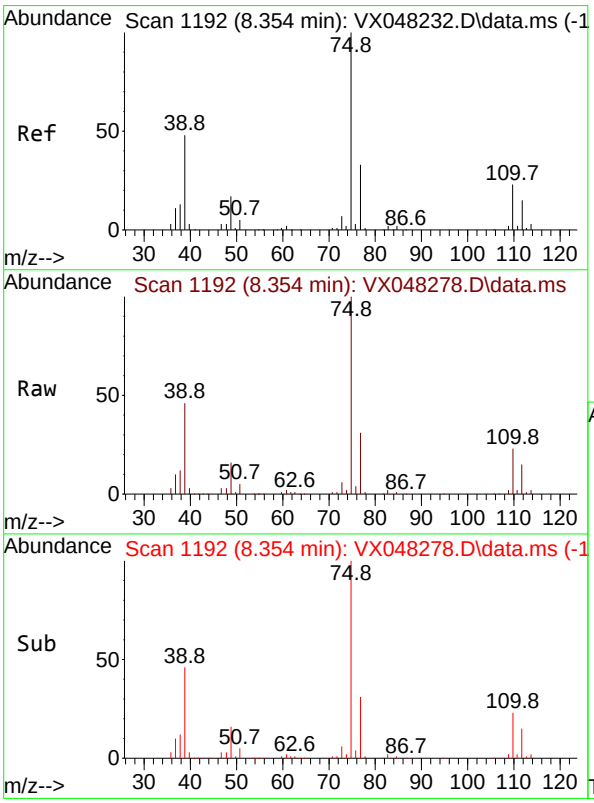
#53
t-1,3-Dichloropropene
Concen: 49.703 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 98842

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6

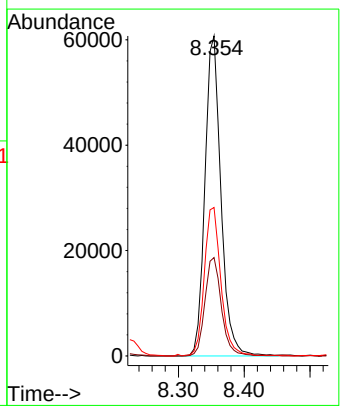


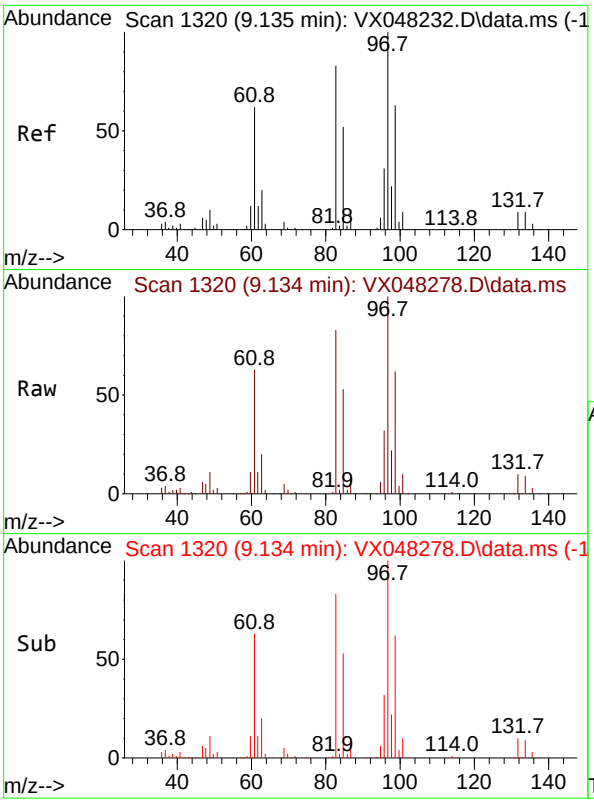


#54
cis-1,3-Dichloropropene
Concen: 47.929 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 102835

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.9	37.3
39	46.2	42.6	64.0



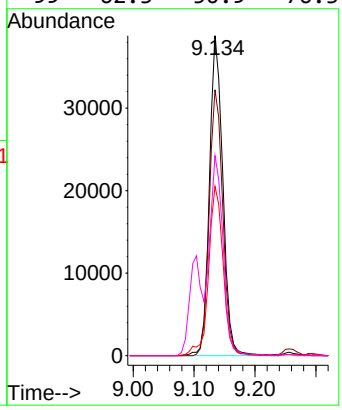


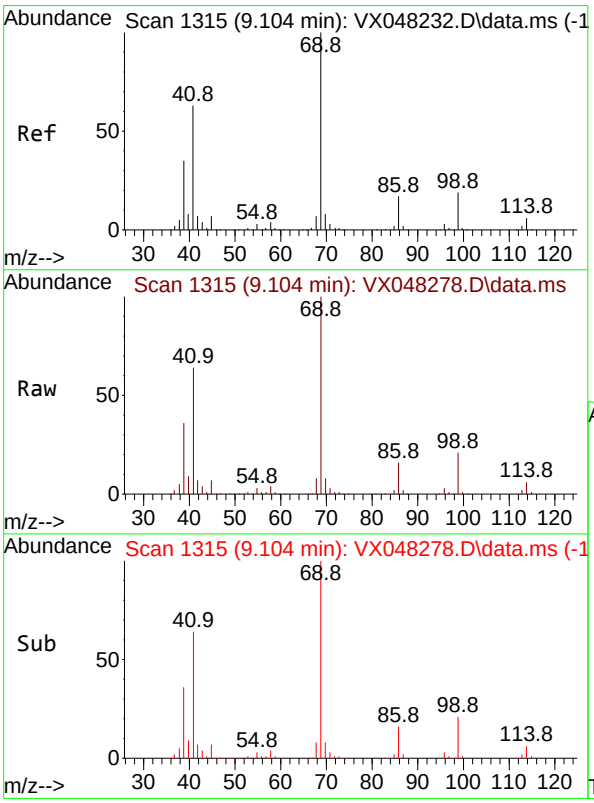
#55
1,1,2-Trichloroethane
Concen: 48.711 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 59379

Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.6	105.8
85	52.9	45.0	67.6
99	62.3	50.9	76.3

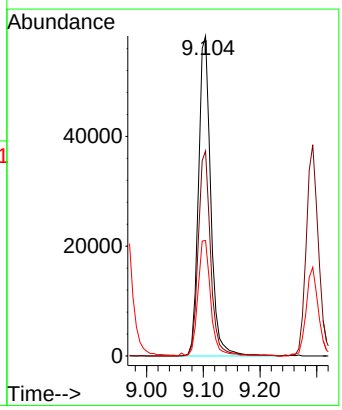


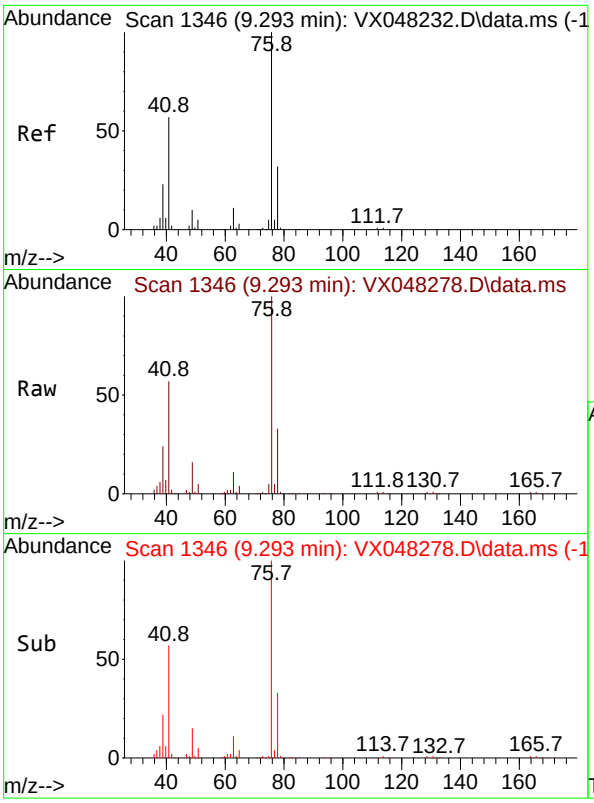


#56
Ethyl methacrylate
Concen: 49.025 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 69 Resp: 87411

Ion	Ratio	Lower	Upper
69	100		
41	64.9	56.0	84.0
39	38.0	31.6	47.4



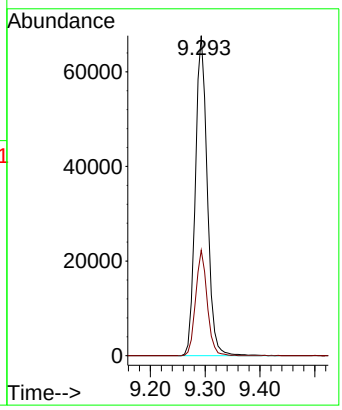


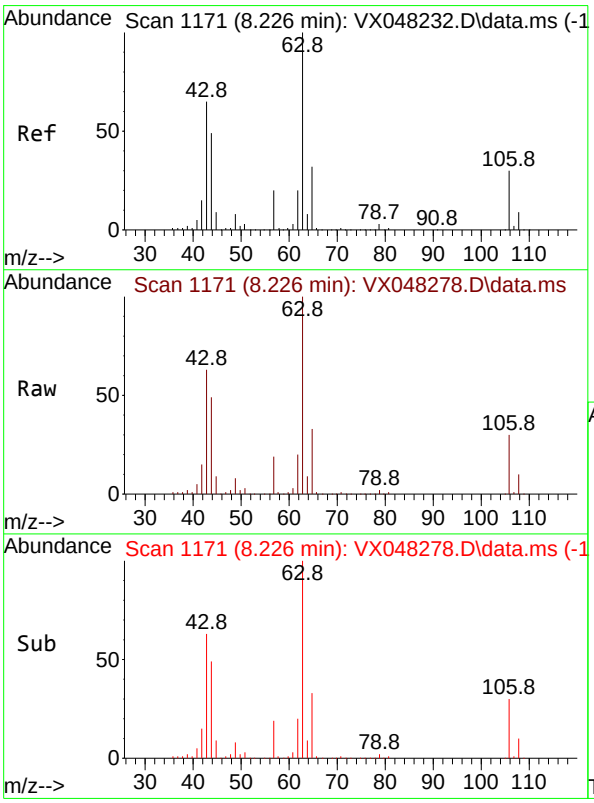
#57
1,3-Dichloropropane
Concen: 49.295 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 102643

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.4	38.0

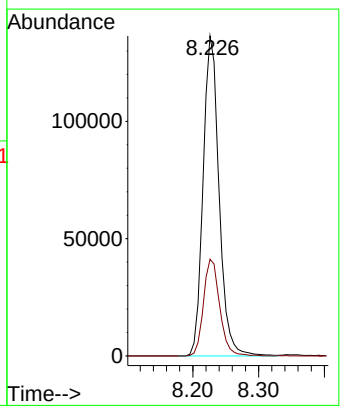


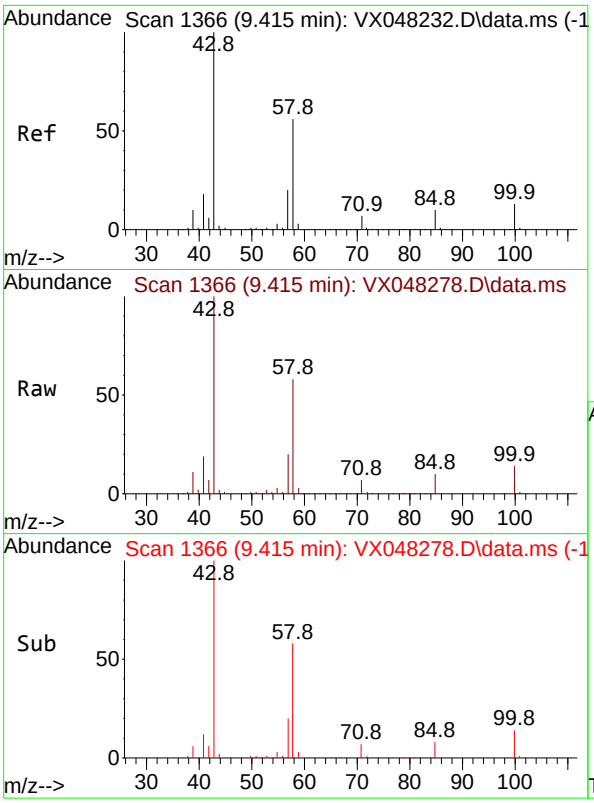


#58
2-Chloroethyl Vinyl ether
Concen: 240.651 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 63 Resp: 230656

Ion	Ratio	Lower	Upper
63	100		
106	30.7	22.2	33.2



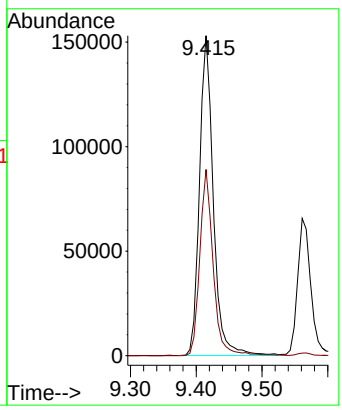


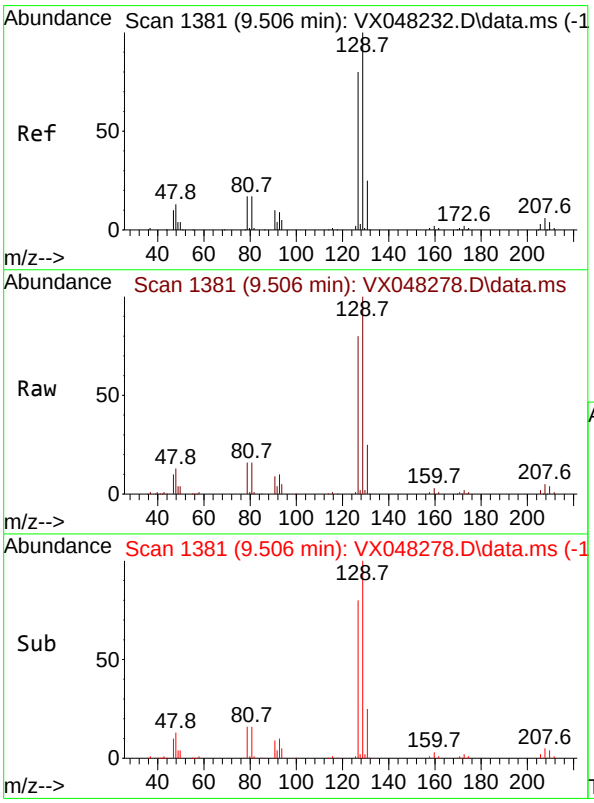
#59
2-Hexanone
Concen: 229.287 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 223051

Ion	Ratio	Lower	Upper
43	100		
58	56.4	26.3	78.8

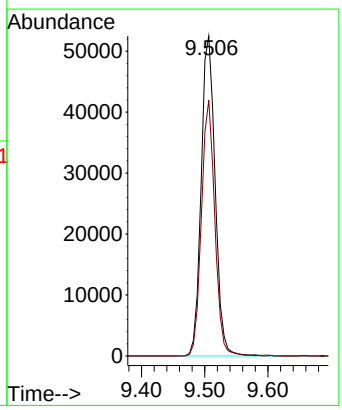


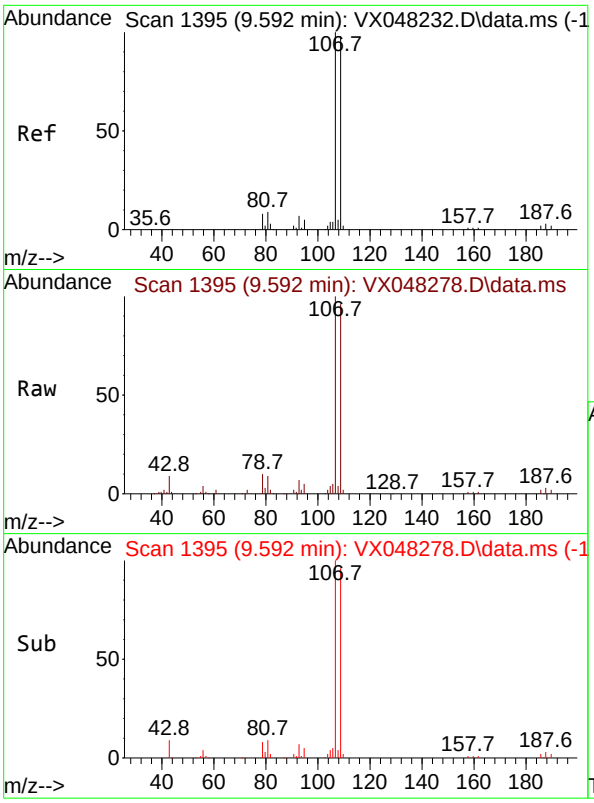


#60
Dibromochloromethane
Concen: 49.293 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:129 Resp: 80763

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.7



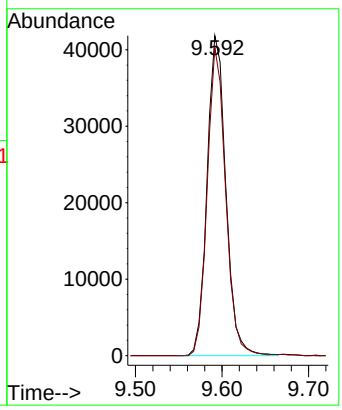


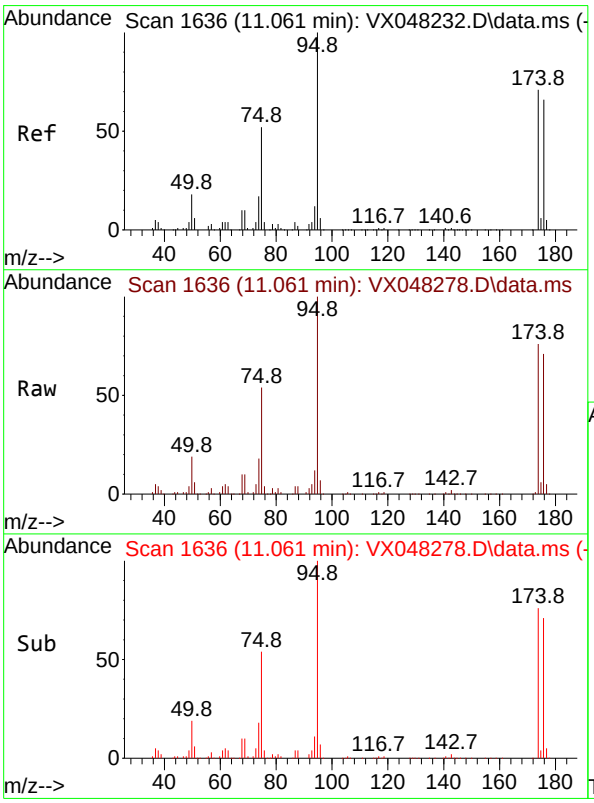
#61
1,2-Dibromoethane
Concen: 48.532 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 63070

Ion	Ratio	Lower	Upper
107	100		
109	94.6	77.0	115.4

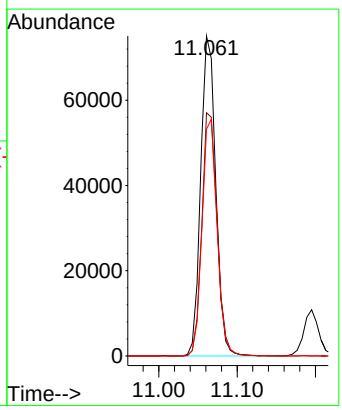


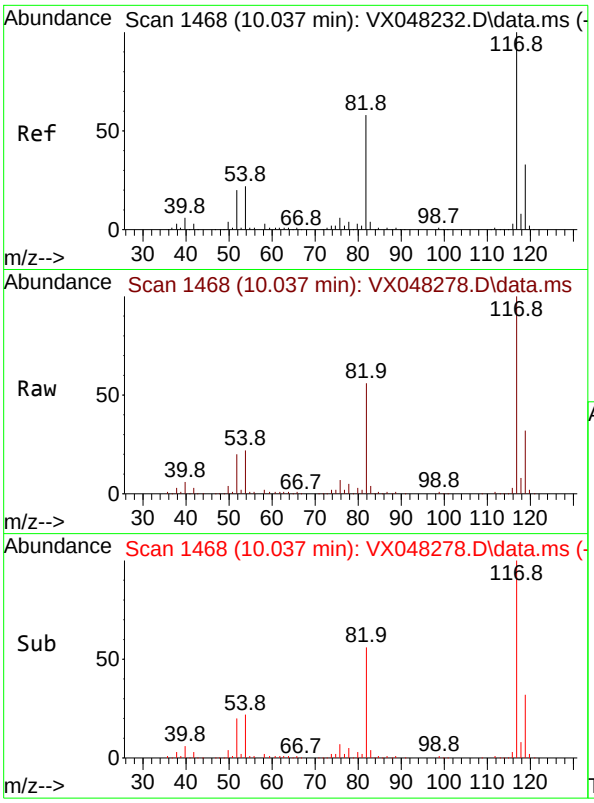


#62
4-Bromofluorobenzene
Concen: 60.121 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 95 Resp: 100241

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	147.8
176	73.9	0.0	142.8



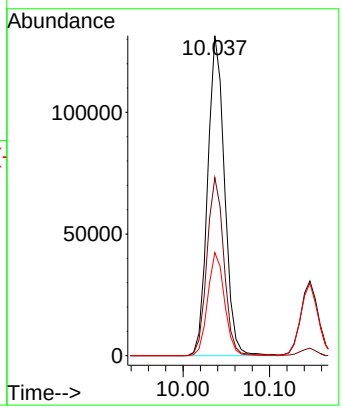


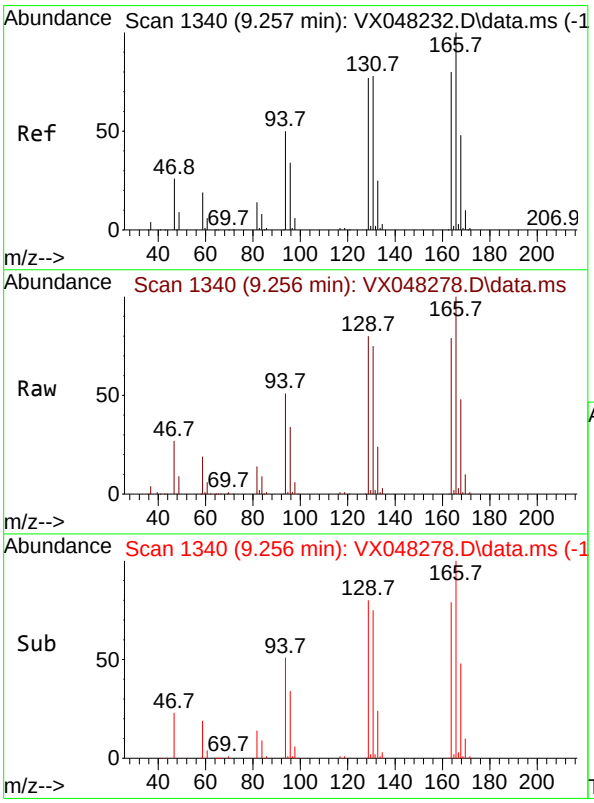
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 177679

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.5	69.7
119	32.2	25.9	38.9

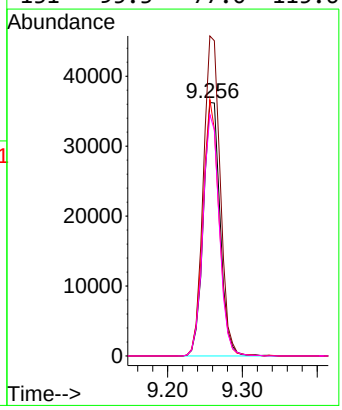


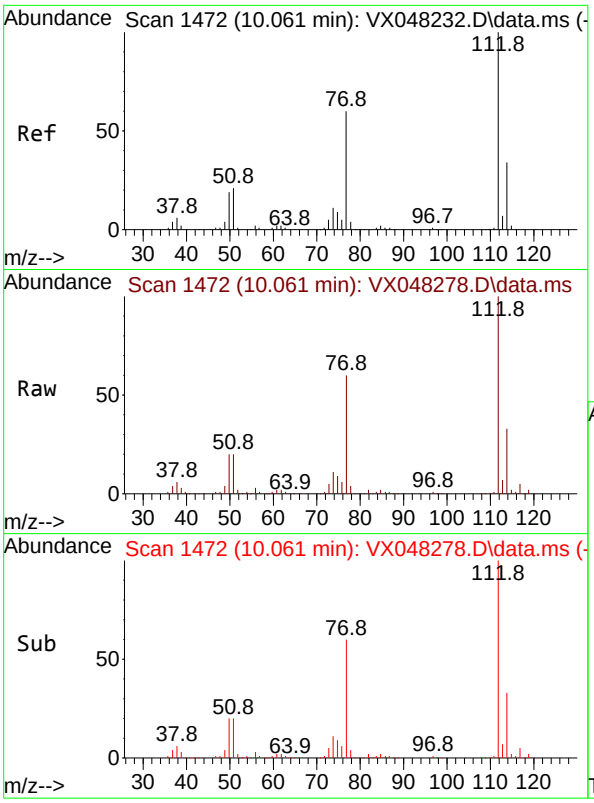


#64
Tetrachloroethene
Concen: 42.374 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:164 Resp: 56206

Ion	Ratio	Lower	Upper
164	100		
166	126.2	104.5	156.7
129	101.1	81.8	122.6
131	95.3	77.0	115.6



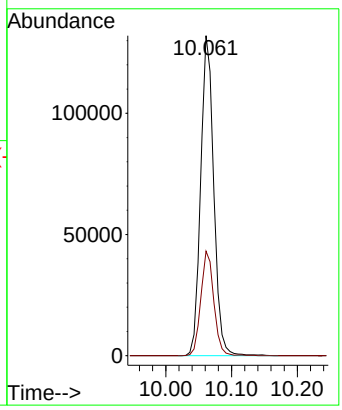


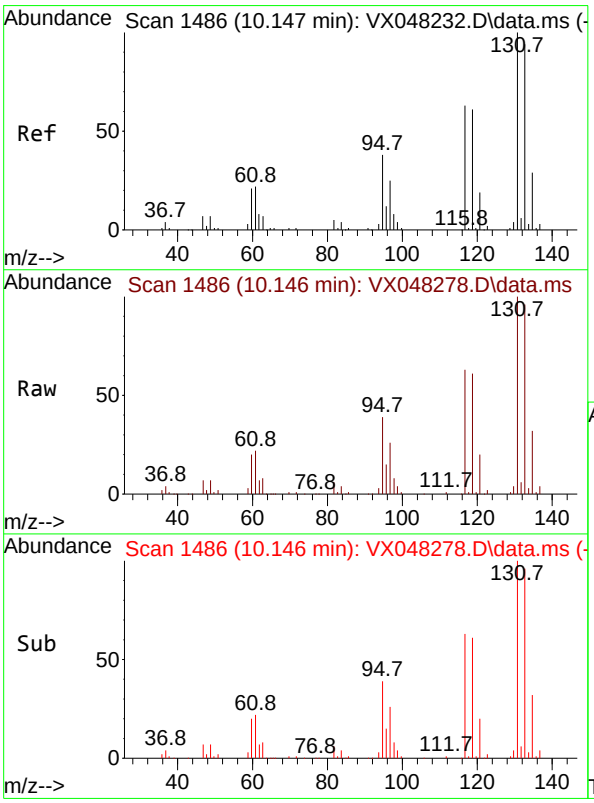
#65
Chlorobenzene
Concen: 45.637 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 182408

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.2

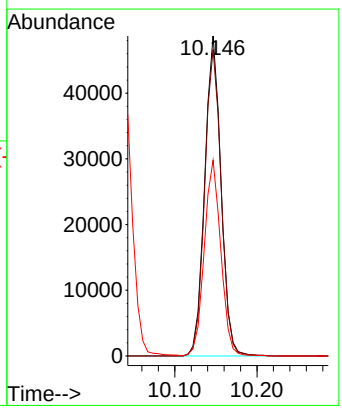


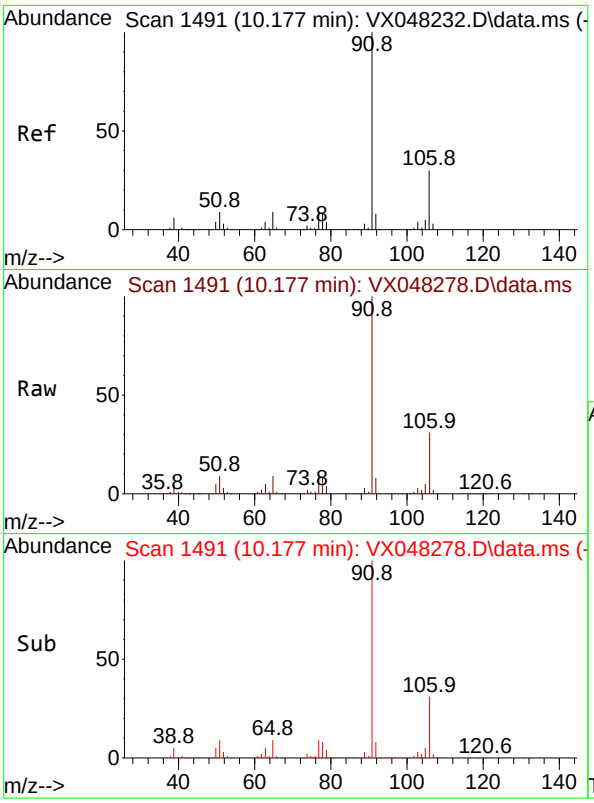


#66
1,1,1,2-Tetrachloroethane
Concen: 45.726 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:131 Resp: 67128

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.8
119	62.0	32.5	97.5



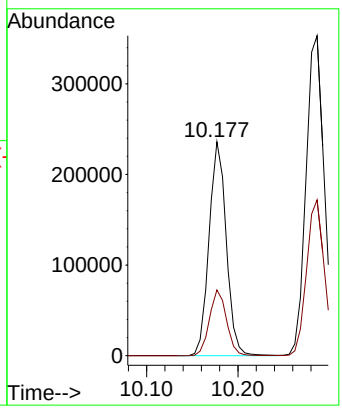


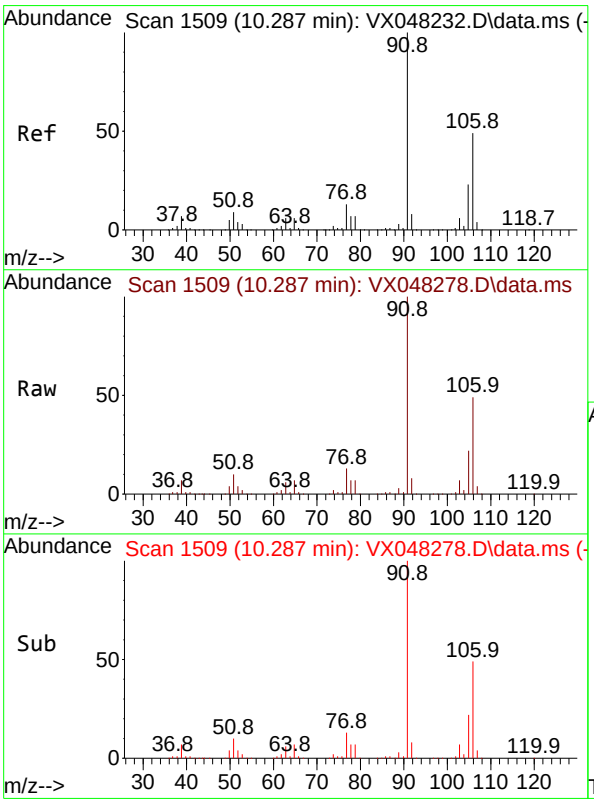
#67
Ethyl Benzene
Concen: 45.338 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 308525

Ion	Ratio	Lower	Upper
91	100		
106	30.7	23.8	35.6

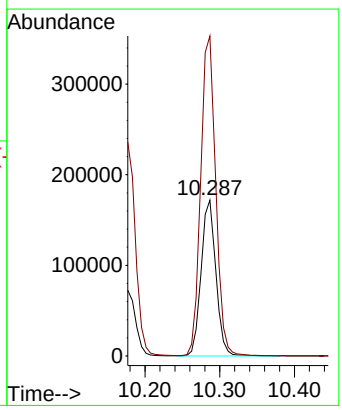


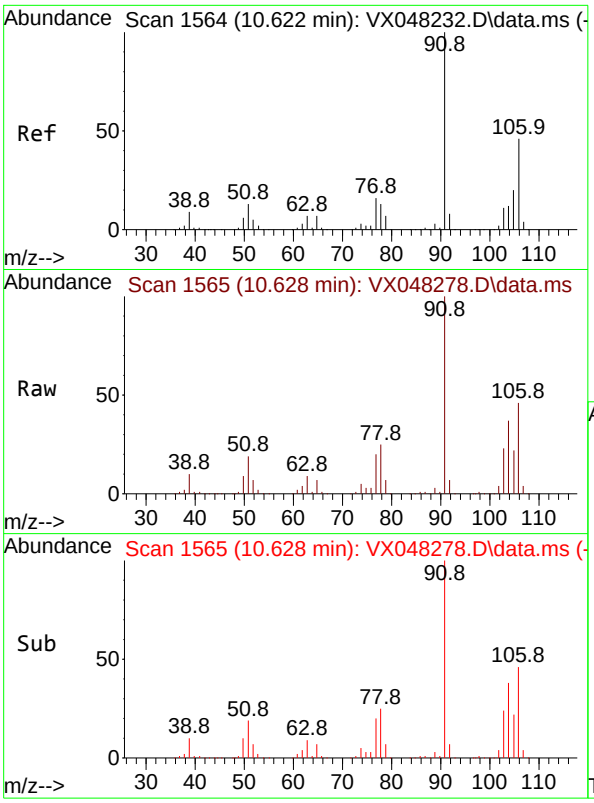


#68
m/p-Xylenes
Concen: 93.046 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:106 Resp: 235258

Ion	Ratio	Lower	Upper
106	100		
91	209.5	167.9	251.9



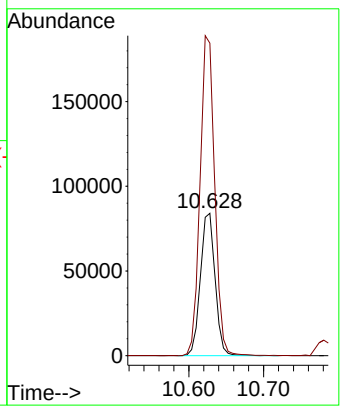


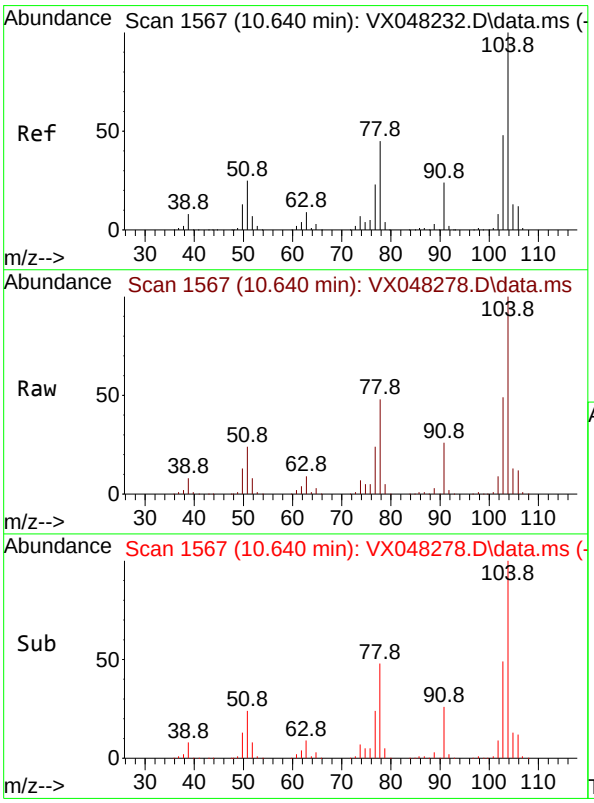
#69
o-Xylene
Concen: 46.976 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 114670

Ion	Ratio	Lower	Upper
106	100		
91	223.5	111.3	333.9

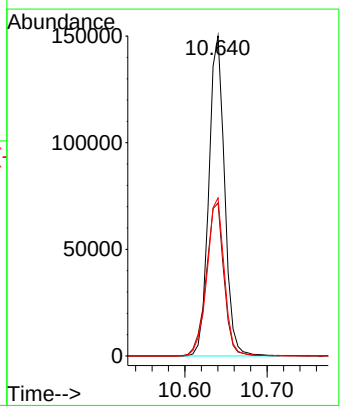


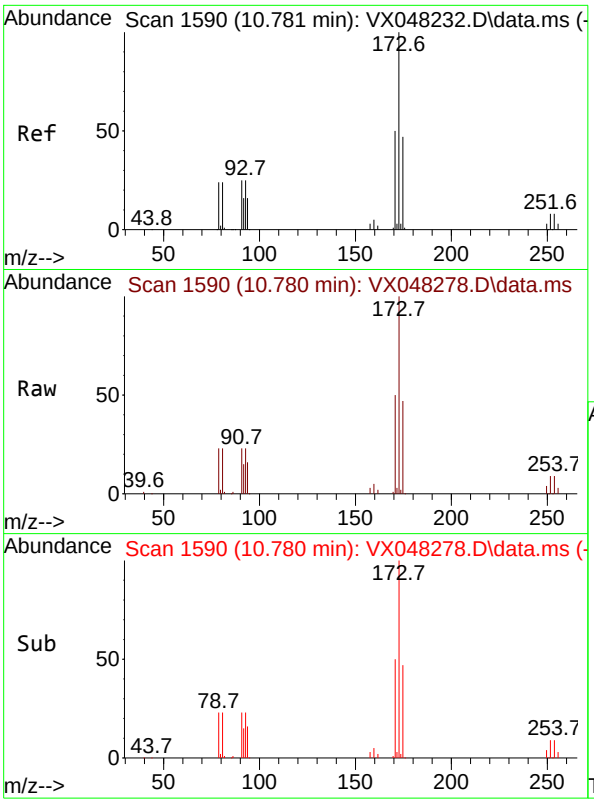


#70
Styrene
Concen: 48.144 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:104 Resp: 200106

Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.2	63.4
103	54.2	43.0	64.4



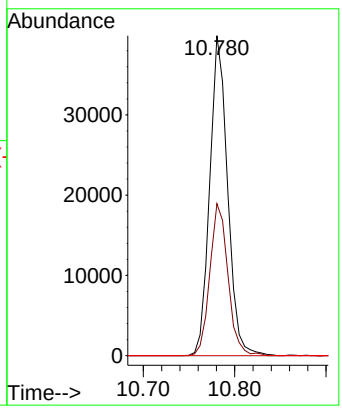


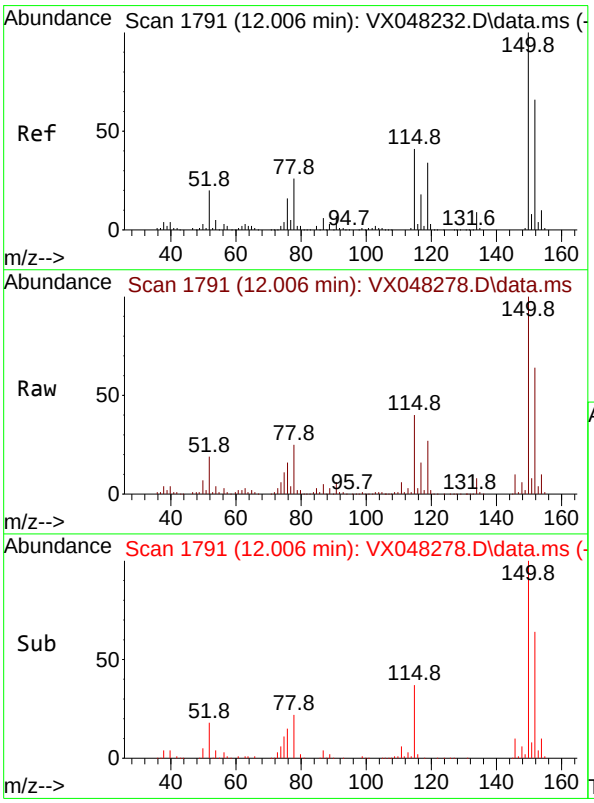
#71
Bromoform
Concen: 46.009 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 53984

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

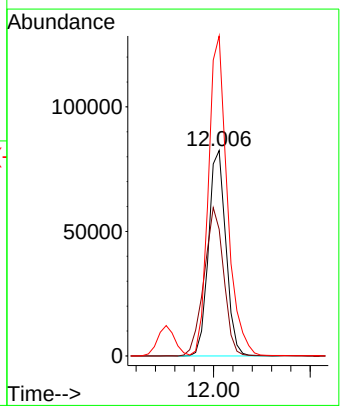


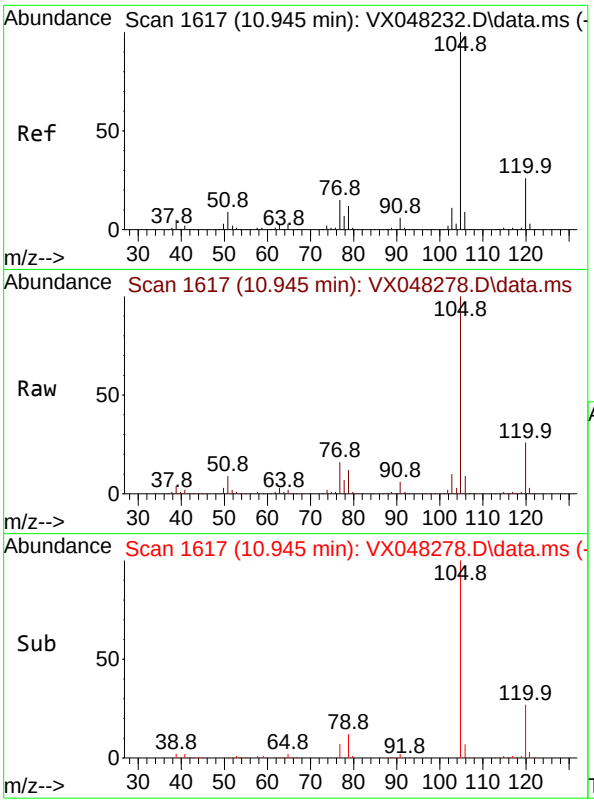


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:152 Resp: 103139

Ion	Ratio	Lower	Upper
152	100		
115	81.5	43.1	129.4
150	168.7	0.0	353.0



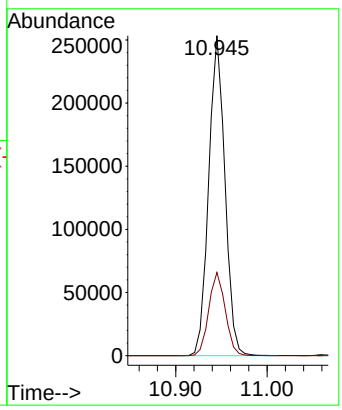


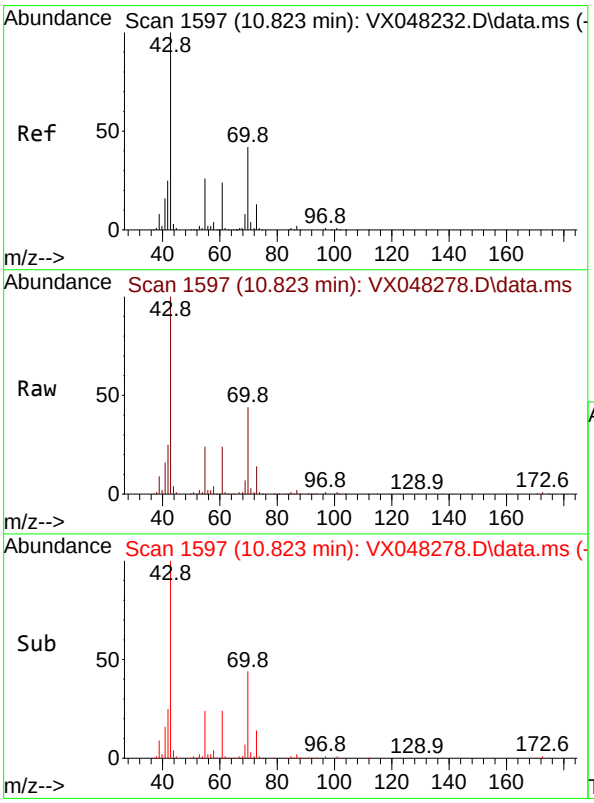
#73
Isopropylbenzene
Concen: 41.323 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 311296

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9

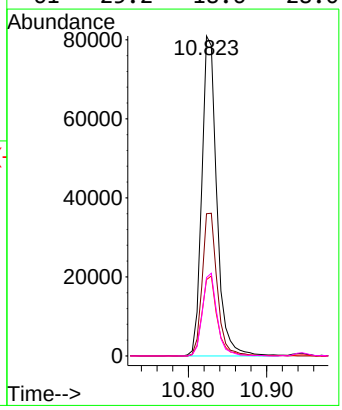


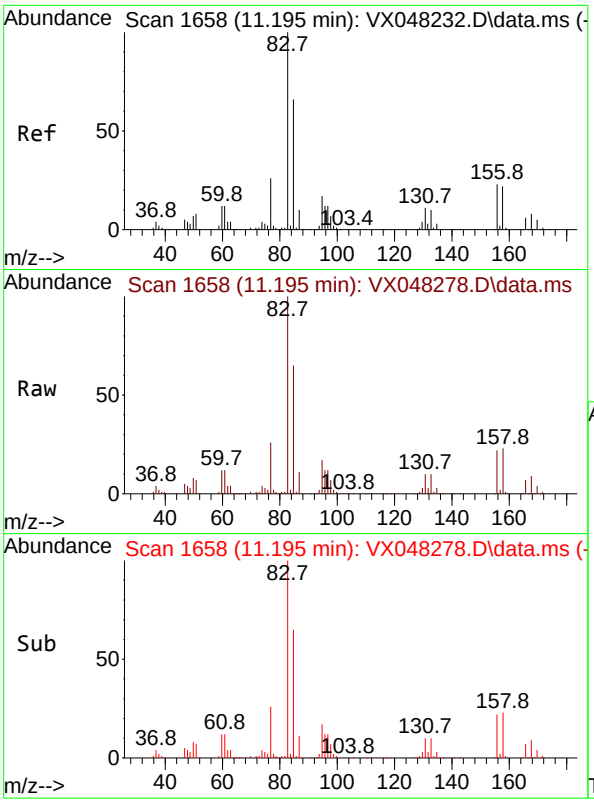


#74
N-amyl acetate
Concen: 40.243 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 43 Resp: 107536

Ion	Ratio	Lower	Upper
43	100		
70	44.7	32.2	48.2
55	25.2	19.1	28.7
61	25.2	18.6	28.0





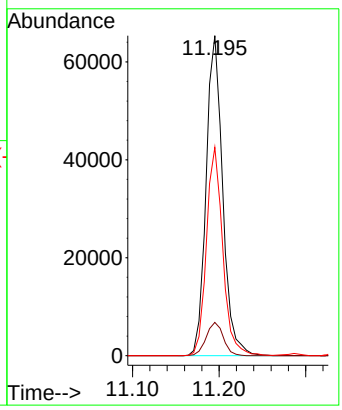
#75
1,1,2,2-Tetrachloroethane
Concen: 42.247 ug/l
RT: 11.195 min Scan# 1

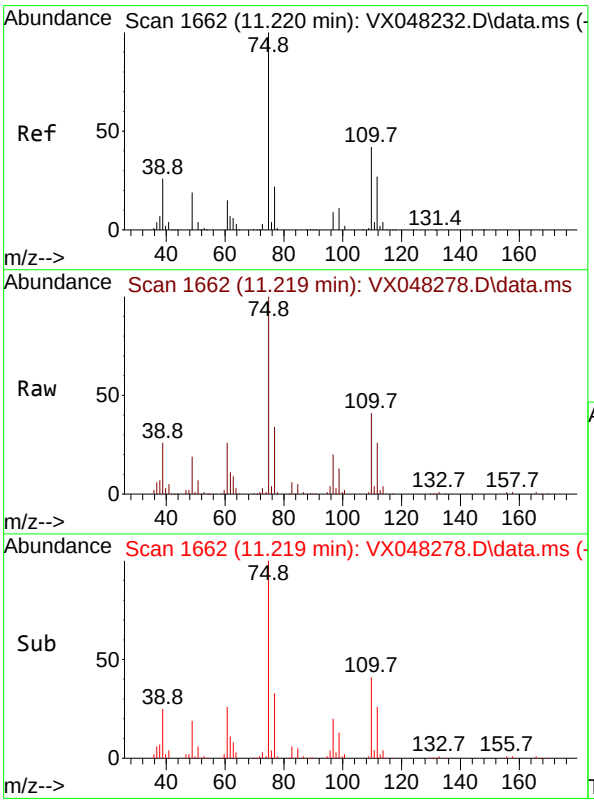
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 83 Resp: 86911

Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.8	14.4
85	64.2	31.9	95.7

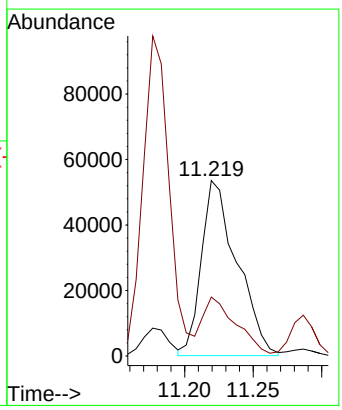


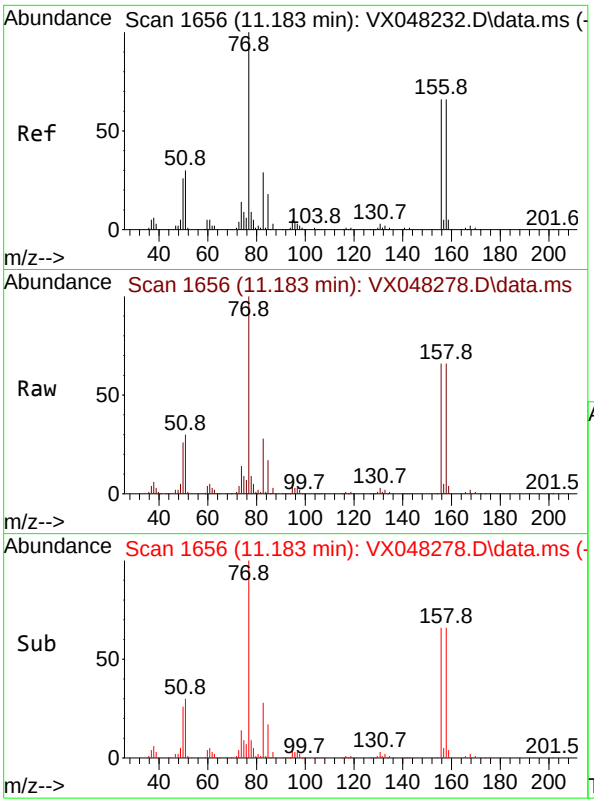


#76
1,2,3-Trichloropropane
Concen: 58.080 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 97142

Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.4	67.2



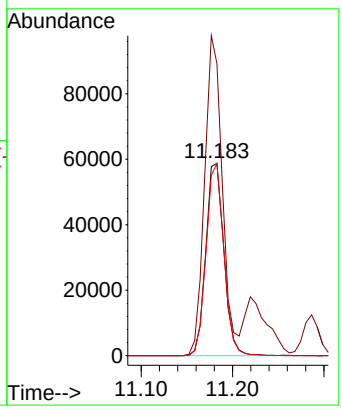


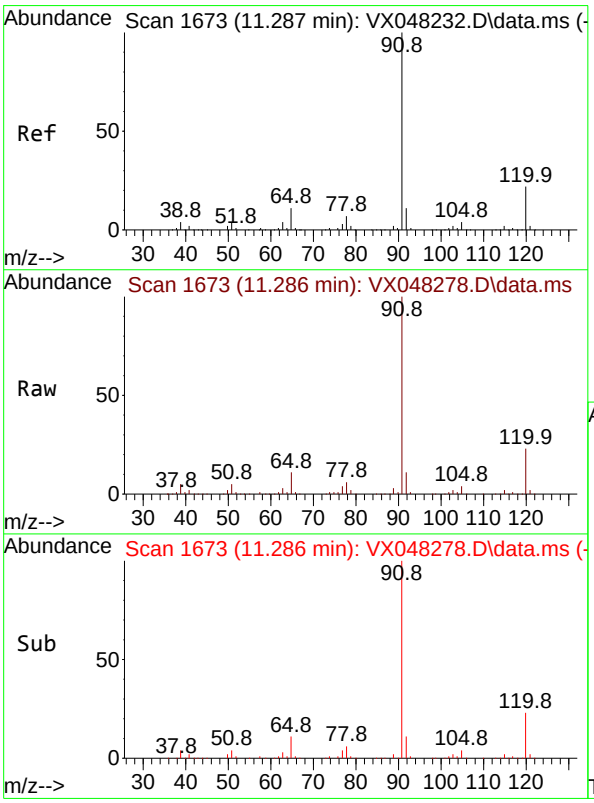
#77
Bromobenzene
Concen: 42.643 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 80549

Ion	Ratio	Lower	Upper
156	100		
77	162.8	87.0	261.0
158	98.1	47.8	143.4

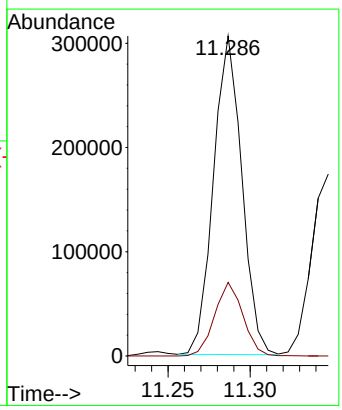


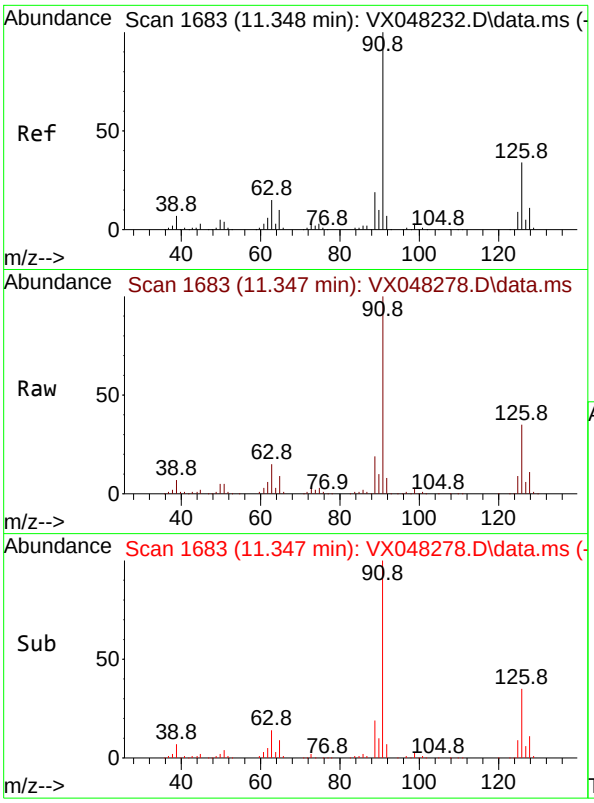


#78
n-propylbenzene
Concen: 41.944 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 365847

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1



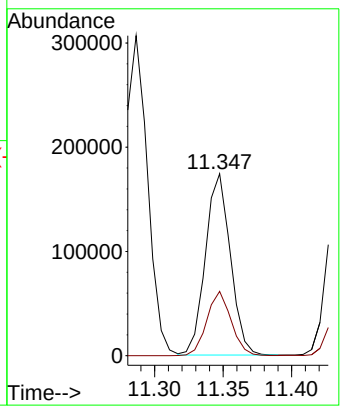


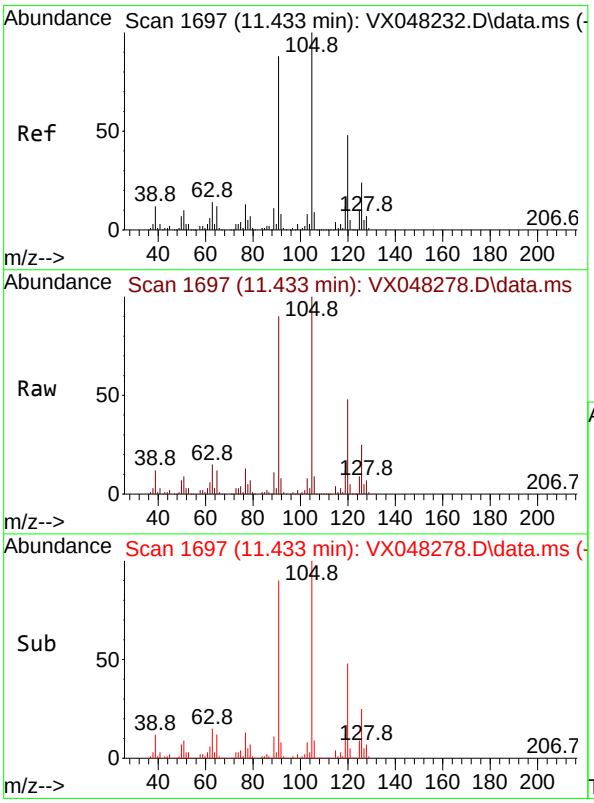
#79
2-Chlorotoluene
Concen: 41.700 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 220518

Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.4	49.4

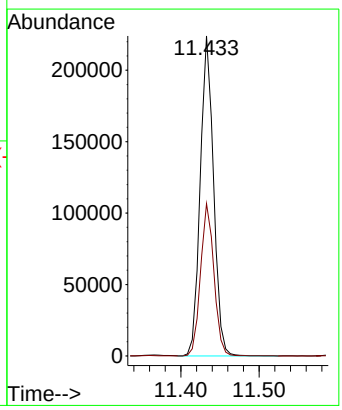


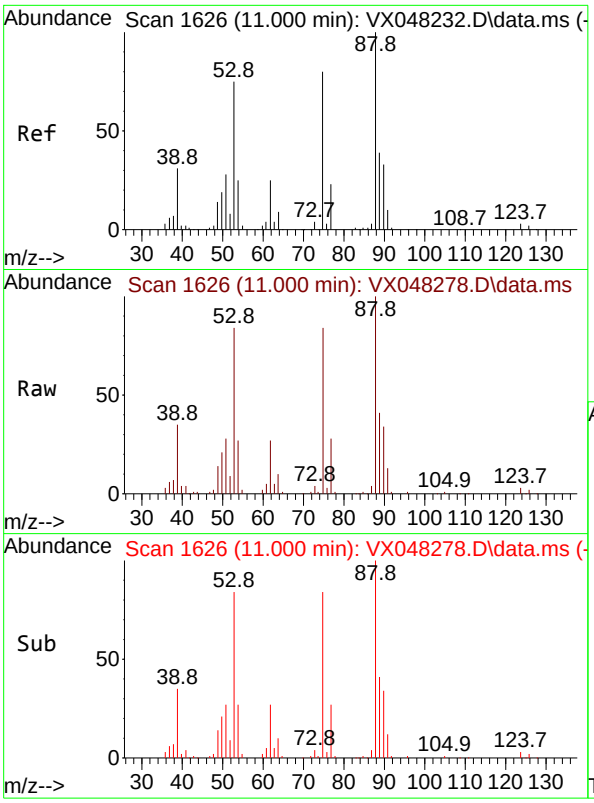


#80
1,3,5-Trimethylbenzene
Concen: 42.365 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:105 Resp: 264110

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.0	72.0



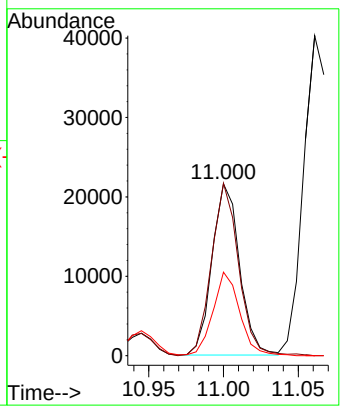


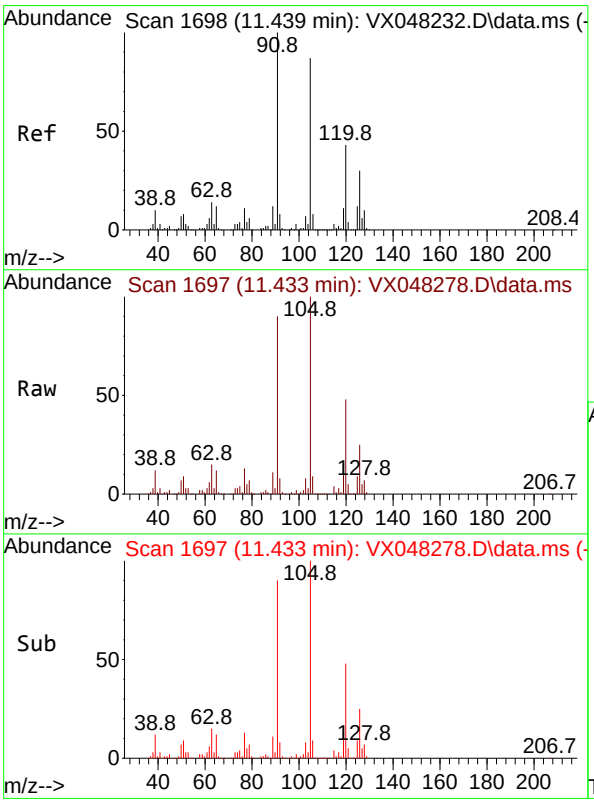
#81
trans-1,4-Dichloro-2-butene
Concen: 40.195 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 27633

Ion	Ratio	Lower	Upper
75	100		
53	99.4	79.5	119.3
89	47.4	36.8	55.2

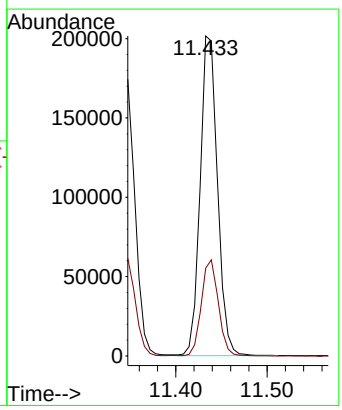


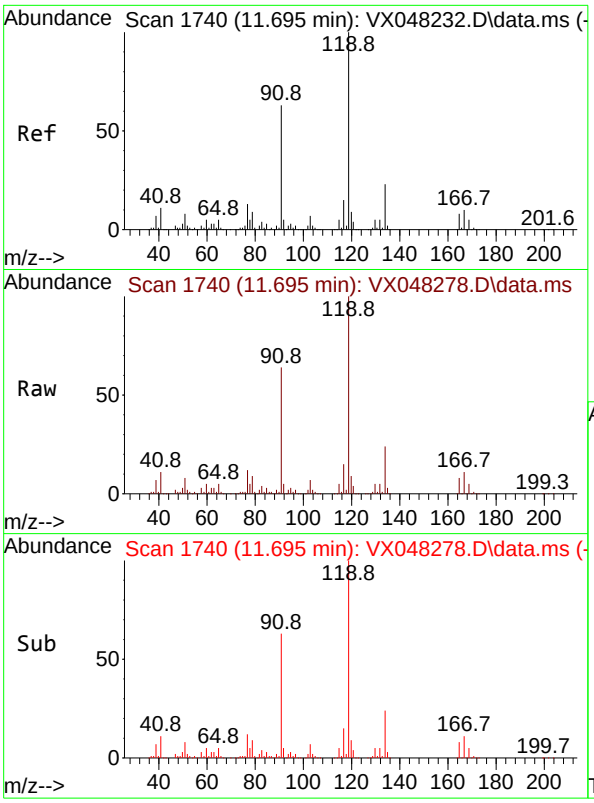


#82
4-Chlorotoluene
Concen: 42.258 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 265279

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.1	42.4



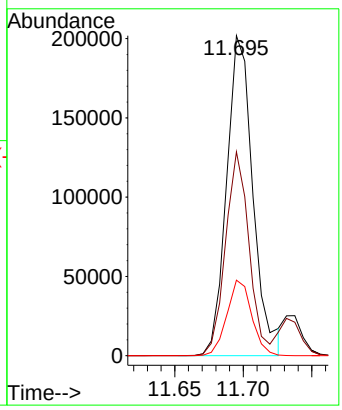


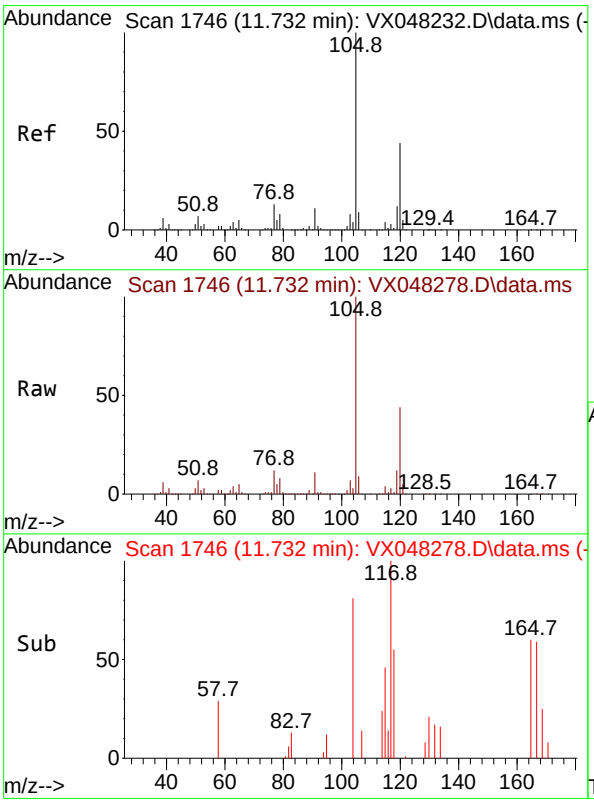
#83
tert-Butylbenzene
Concen: 42.107 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 269712

Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	91.0
134	22.3	11.4	34.2

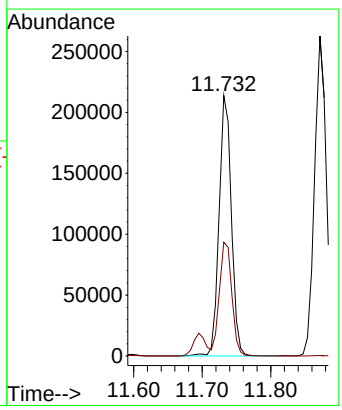


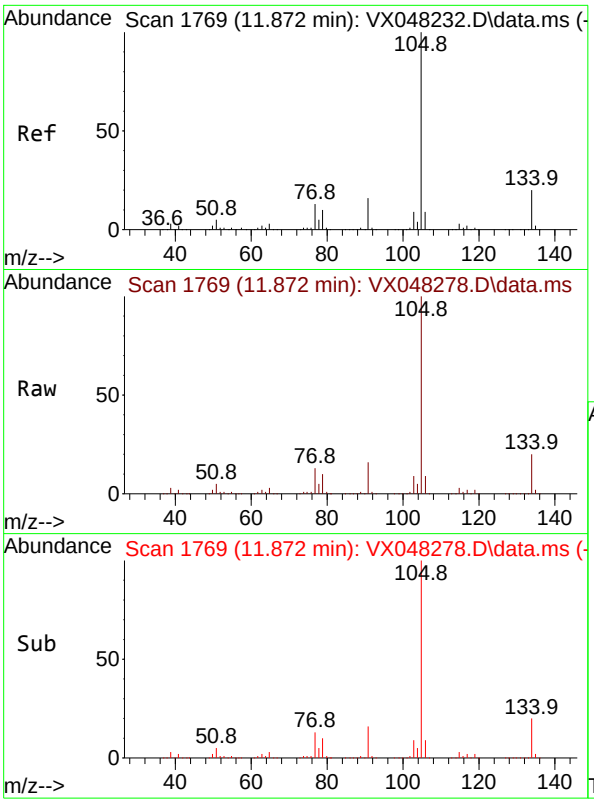


#84
1,2,4-Trimethylbenzene
Concen: 42.577 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:105 Resp: 264898

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.5



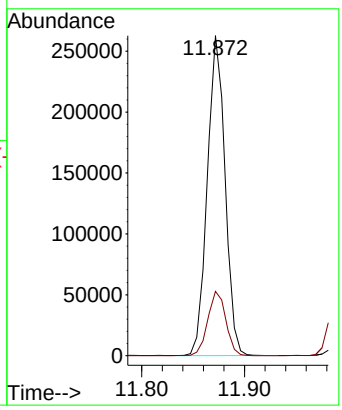


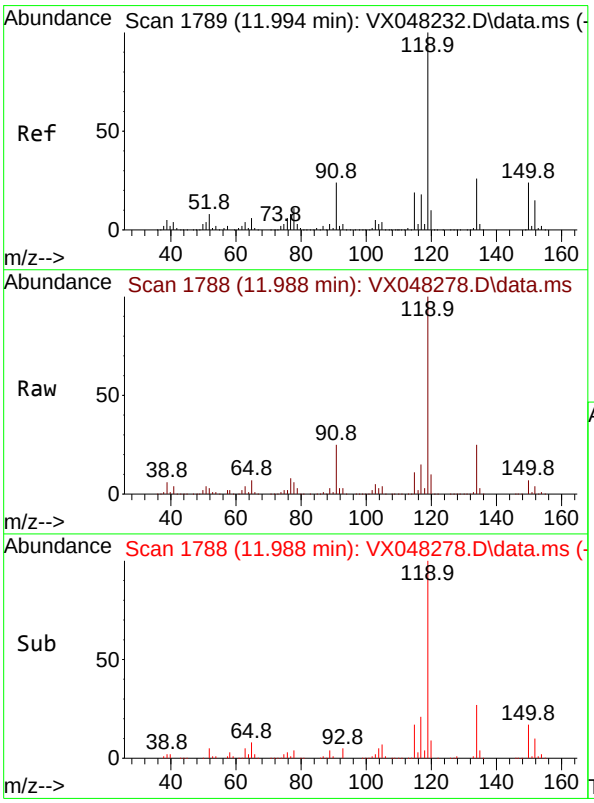
#85
sec-Butylbenzene
Concen: 40.863 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 314902

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.1

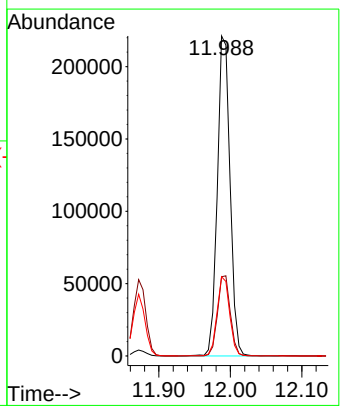


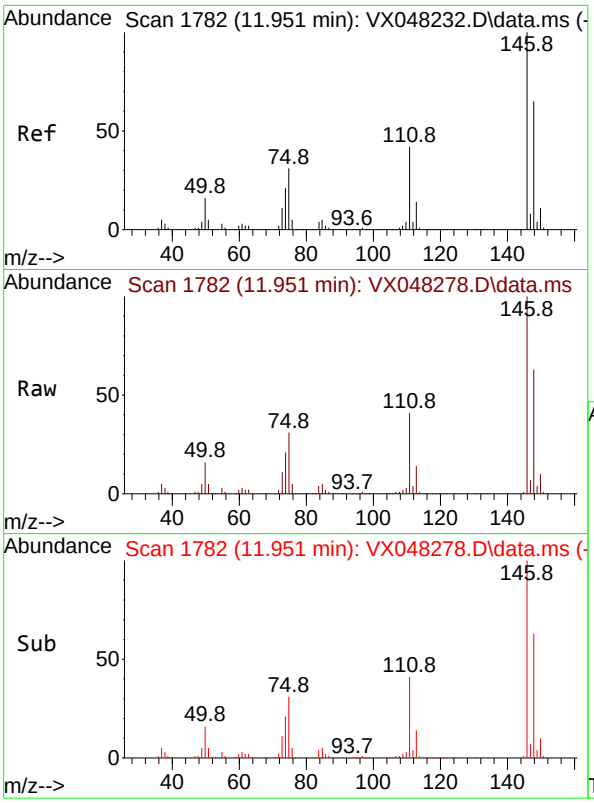


#86
p-Isopropyltoluene
Concen: 40.931 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:119 Resp: 272639

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.0	39.0
91	24.5	12.1	36.3



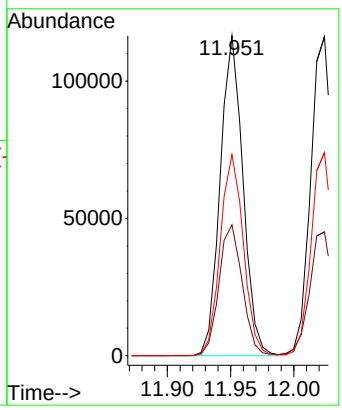


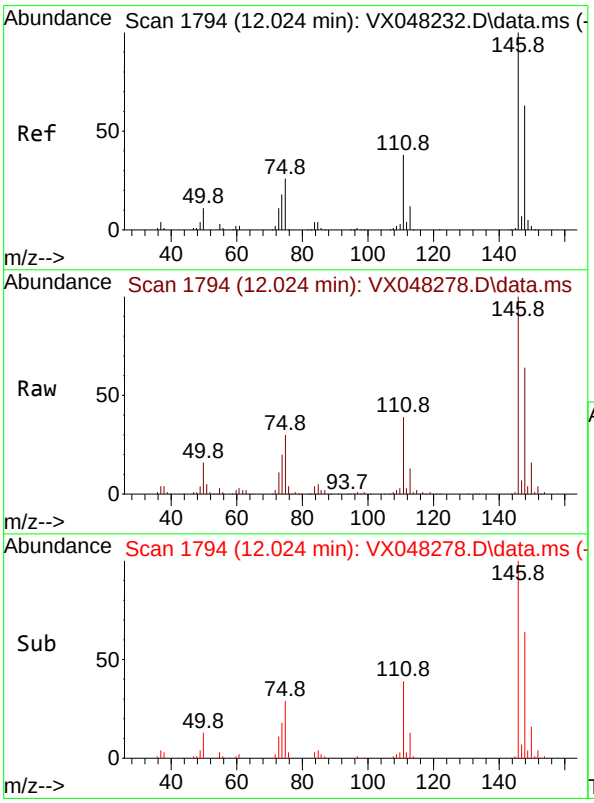
#87
1,3-Dichlorobenzene
Concen: 40.908 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 145669

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.2
148	63.9	31.9	95.9

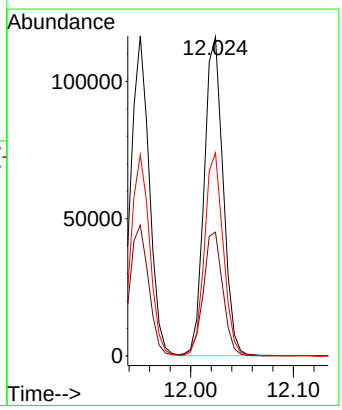


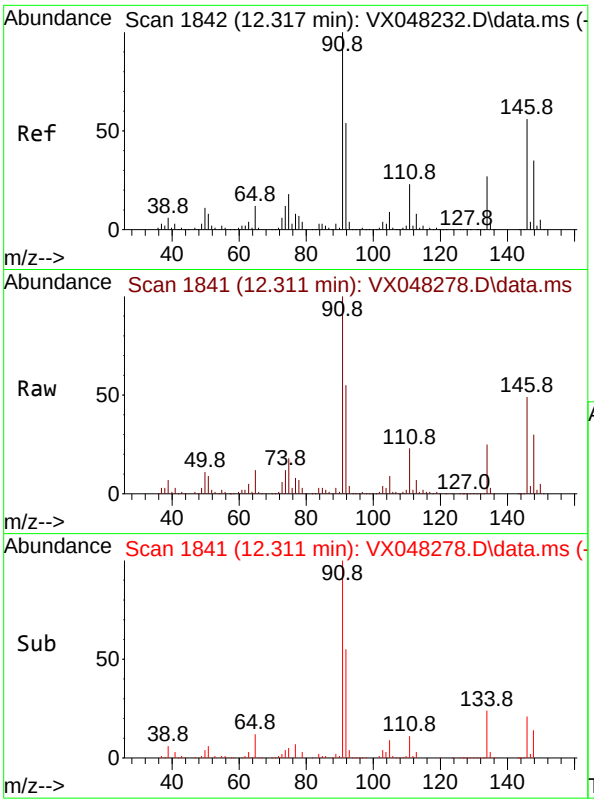


#88
1,4-Dichlorobenzene
Concen: 40.270 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:146 Resp: 148555

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	31.8	95.3



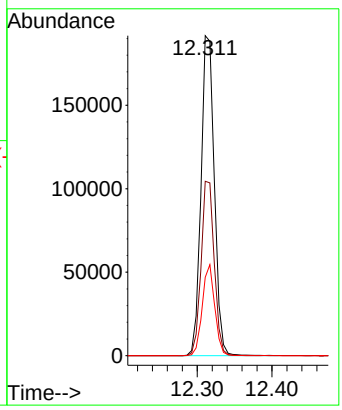


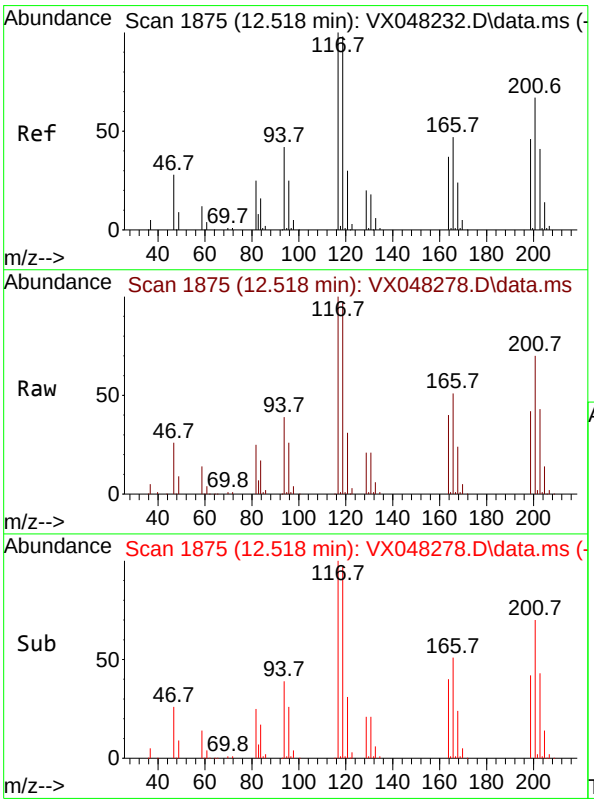
#89
n-Butylbenzene
Concen: 39.088 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 236982

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	26.6	12.7	38.1

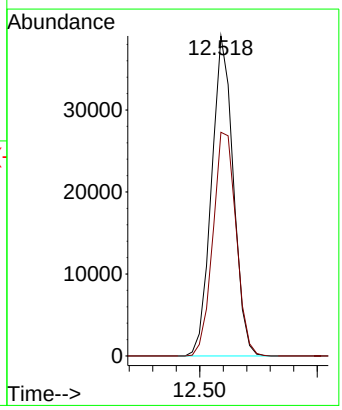


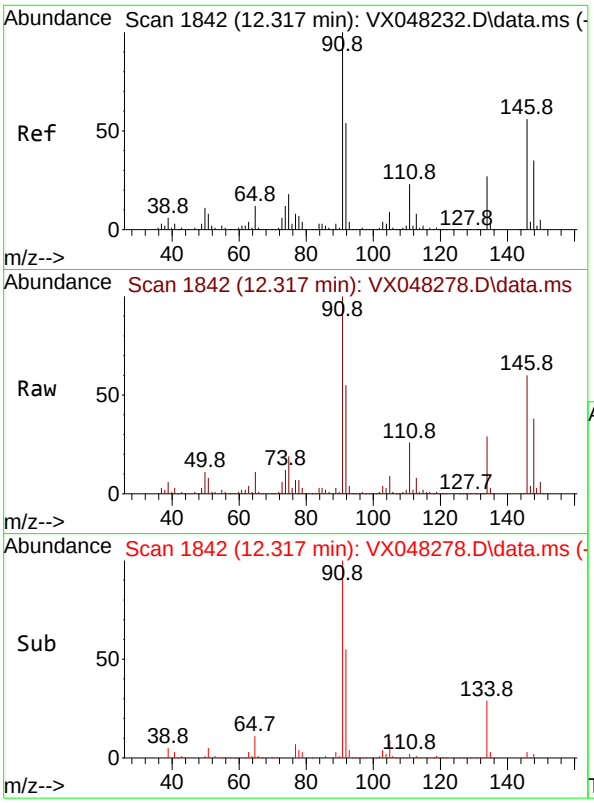


#90
Hexachloroethane
Concen: 38.153 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 50186

Ion	Ratio	Lower	Upper
117	100		
201	74.6	34.1	102.2



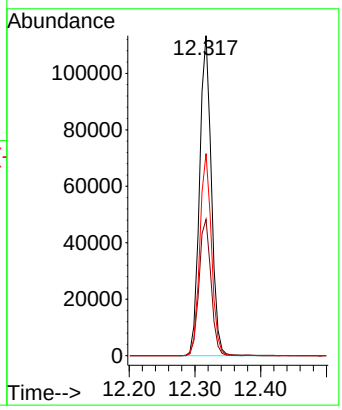


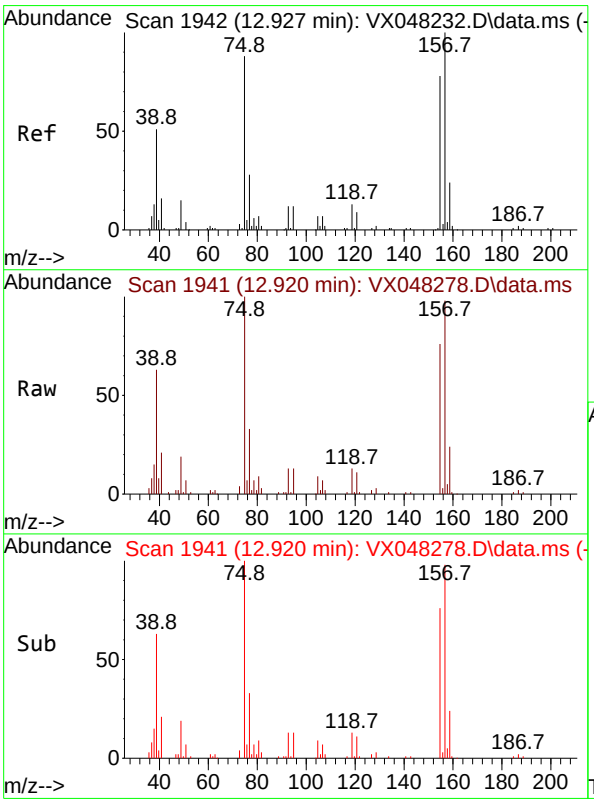
#91
1,2-Dichlorobenzene
Concen: 42.066 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 140638

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.5
148	62.7	31.9	95.5

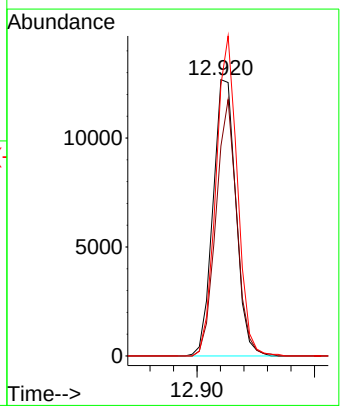


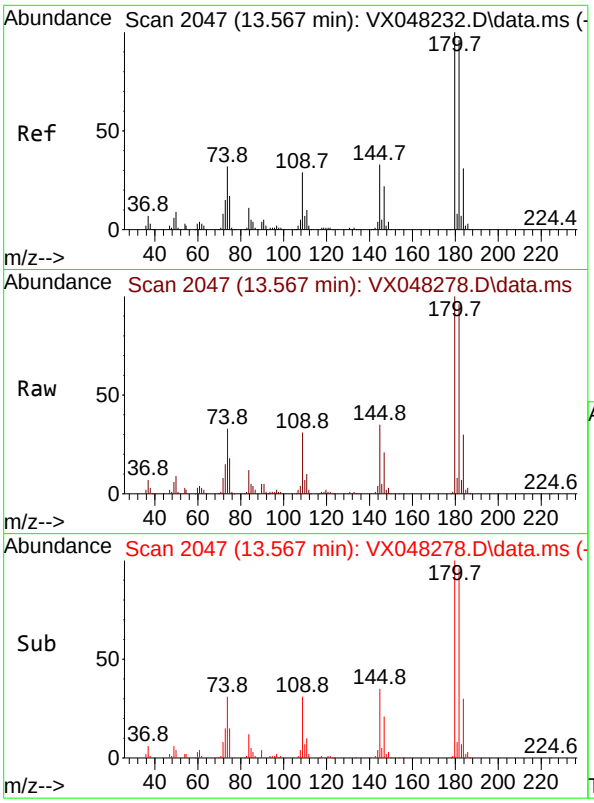


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.930 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 17092

Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.8	128.4
157	108.8	54.2	162.6



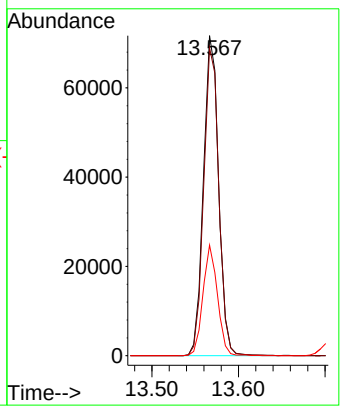


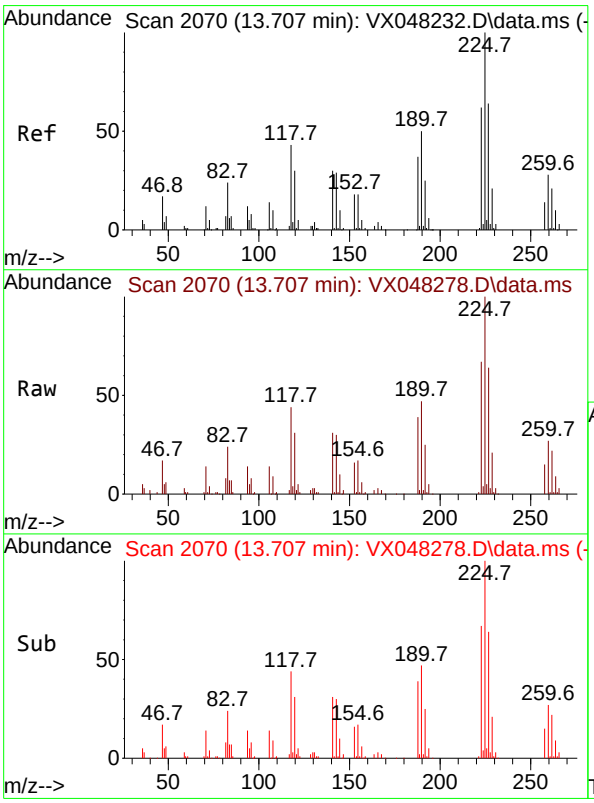
#93
1,2,4-Trichlorobenzene
Concen: 38.490 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 87024

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	33.1	16.3	48.9

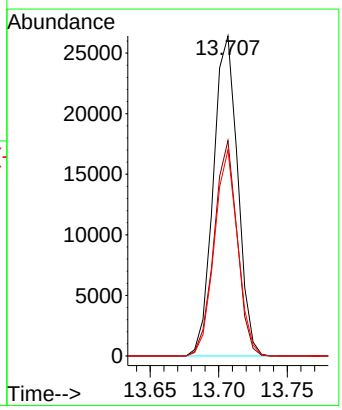


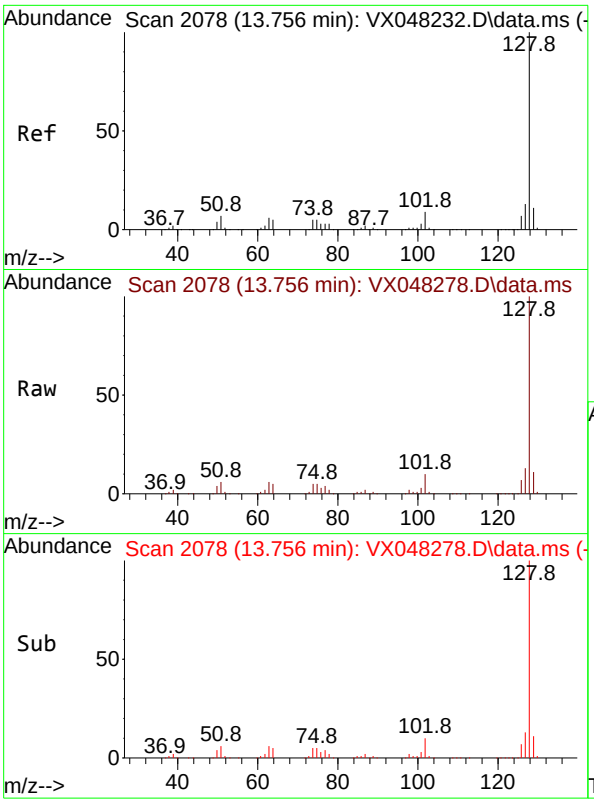


#94
Hexachlorobutadiene
Concen: 38.565 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:225 Resp: 32660

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.6	97.7
227	61.7	32.5	97.4



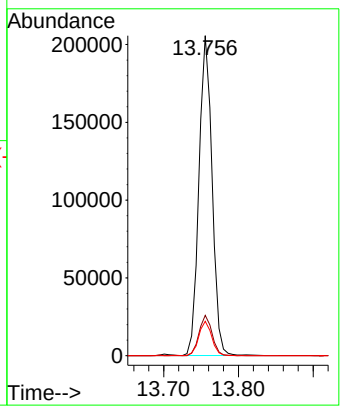


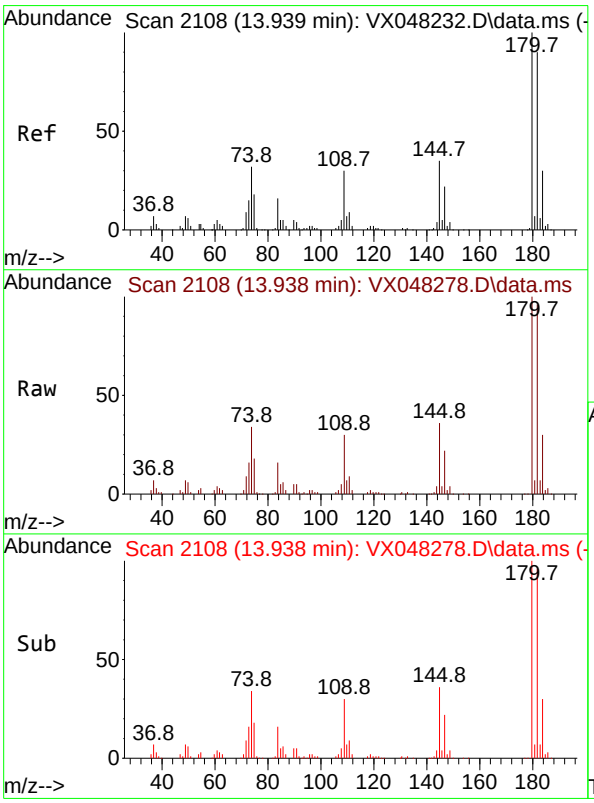
#95
Naphthalene
Concen: 41.822 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 250514

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.7	8.6	12.8

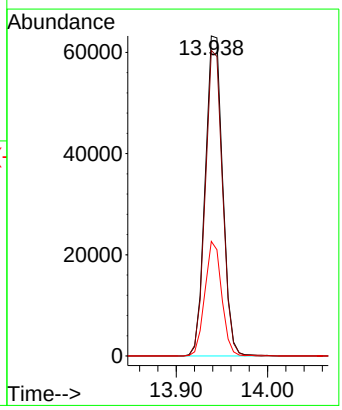




#96
1,2,3-Trichlorobenzene
Concen: 40.246 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:180 Resp: 83499

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.6	139.7
145	34.5	16.9	50.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	585717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	882488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26670	5.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.520%#			
35) Dibromofluoromethane	7.634	113	27455	5.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.260%#			
50) Toluene-d8	10.103	98	99905	4.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.900%#			
62) 4-Bromofluorobenzene	12.401	95	35355	5.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 11.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	23245	5.038	ug/l	92
3) Chloromethane	2.074	50	30346	4.627	ug/l	94
4) Vinyl Chloride	2.202	62	38657	4.668	ug/l	95
5) Bromomethane	2.598	94	35214	5.184	ug/l	94
6) Chloroethane	2.732	64	25848	4.597	ug/l	98
7) Trichlorofluoromethane	3.055	101	51797	4.869	ug/l	98
8) Diethyl Ether	3.452	74	14079	5.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	28368	4.989	ug/l	99
10) Methyl Iodide	4.007	142	23692	3.606	ug/l	99
11) Tert butyl alcohol	4.854	59	9774	32.746	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	26290	4.806	ug/l	94
13) Acrolein	3.653	56	13176	26.054	ug/l	100
14) Allyl chloride	4.385	41	31614	4.616	ug/l	98
15) Acrylonitrile	5.055	53	25891	23.754	ug/l	99
16) Acetone	3.866	43	37573	32.940	ug/l	96
17) Carbon Disulfide	4.104	76	75645	4.432	ug/l	99
18) Methyl Acetate	4.391	43	14279	4.926	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	58919	4.600	ug/l	95
20) Methylene Chloride	4.616	84	36598	5.917	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	28923	4.754	ug/l	99
22) Diisopropyl ether	6.018	45	64833	4.269	ug/l	94
23) Vinyl Acetate	5.964	43	173851	20.824	ug/l	99
24) 1,1-Dichloroethane	5.909	63	46850	4.679	ug/l	100
25) 2-Butanone	6.890	43	38990	27.656	ug/l	93
26) 2,2-Dichloropropane	6.884	77	44062	4.953	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	31743	4.600	ug/l	98
28) Bromochloromethane	7.244	49	19445	5.006	ug/l	99
29) Tetrahydrofuran	7.262	42	19296	23.059	ug/l	98
30) Chloroform	7.421	83	51887	4.806	ug/l	97
31) Cyclohexane	7.707	56	46675	5.279	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	47305	4.881	ug/l	99
36) 1,1-Dichloropropene	7.835	75	34888	4.617	ug/l	98
37) Ethyl Acetate	6.982	43	13082	4.379	ug/l #	93
38) Carbon Tetrachloride	7.817	117	42654	4.859	ug/l	95
39) Methylcyclohexane	9.109	83	43329	4.479	ug/l	98
40) Benzene	8.079	78	110551	4.693	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	6205	3.999	ug/l	#	62
42) 1,2-Dichloroethane	8.158	62	28940	4.828	ug/l		100
43) Isopropyl Acetate	8.201	43	26166	4.503	ug/l		99
44) Trichloroethene	8.859	130	33564	5.077	ug/l		99
45) 1,2-Dichloropropane	9.140	63	24358	4.595	ug/l		92
46) Dibromomethane	9.231	93	15179	4.682	ug/l		97
47) Bromodichloromethane	9.420	83	38813	4.756	ug/l		93
48) Methyl methacrylate	9.219	41	11038	4.071	ug/l		98
49) 1,4-Dioxane	9.219	88	3255	96.953	ug/l	#	86
51) 4-Methyl-2-Pentanone	9.999	43	62279	20.925	ug/l		98
52) Toluene	10.170	92	68550	4.585	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	31477	4.491	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	37392	4.463	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	20641	4.786	ug/l		97
56) Ethyl methacrylate	10.438	69	19324	3.891	ug/l		94
57) 1,3-Dichloropropane	10.719	76	31831	4.560	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.713	63	39945	18.384	ug/l		97
59) 2-Hexanone	10.761	43	47778	23.185	ug/l		97
60) Dibromochloromethane	10.908	129	28135	4.783	ug/l		97
61) 1,2-Dibromoethane	11.017	107	18957	4.673	ug/l		97
64) Tetrachloroethene	10.646	164	40570	5.383	ug/l		98
65) Chlorobenzene	11.444	112	81802	4.997	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29222	5.075	ug/l		97
67) Ethyl Benzene	11.517	91	121005	4.529	ug/l		99
68) m/p-Xylenes	11.633	106	95176	8.887	ug/l		100
69) o-Xylene	11.956	106	44280	4.466	ug/l		98
70) Styrene	11.969	104	67960	4.152	ug/l		99
71) Bromoform	12.133	173	16988	4.929	ug/l	#	99
73) Isopropylbenzene	12.255	105	112194	4.455	ug/l		99
74) N-amyl acetate	12.066	43	18041	3.833	ug/l	#	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20052	4.773	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	27066	7.257	ug/l	#	100
77) Bromobenzene	12.529	156	32106	4.967	ug/l		99
78) n-propylbenzene	12.596	91	127521	4.305	ug/l		99
79) 2-Chlorotoluene	12.676	91	79199	4.631	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	87297	4.264	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	6474	4.680	ug/l		98
82) 4-Chlorotoluene	12.779	91	82155	4.600	ug/l		100
83) tert-Butylbenzene	12.999	119	83151	4.457	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	86988	4.294	ug/l		99
85) sec-Butylbenzene	13.176	105	120061	4.443	ug/l		99
86) p-Isopropyltoluene	13.291	119	97377	4.264	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	63027	4.936	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	64389	5.085	ug/l		95
89) n-Butylbenzene	13.615	91	86179	4.274	ug/l		99
90) Hexachloroethane	13.877	117	25204	5.084	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	56167	5.041	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3305	4.964	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	32000	4.875	ug/l		99
94) Hexachlorobutadiene	15.023	225	22316	5.456	ug/l		99
95) Naphthalene	15.145	128	45598	4.360	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	27176	4.772	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

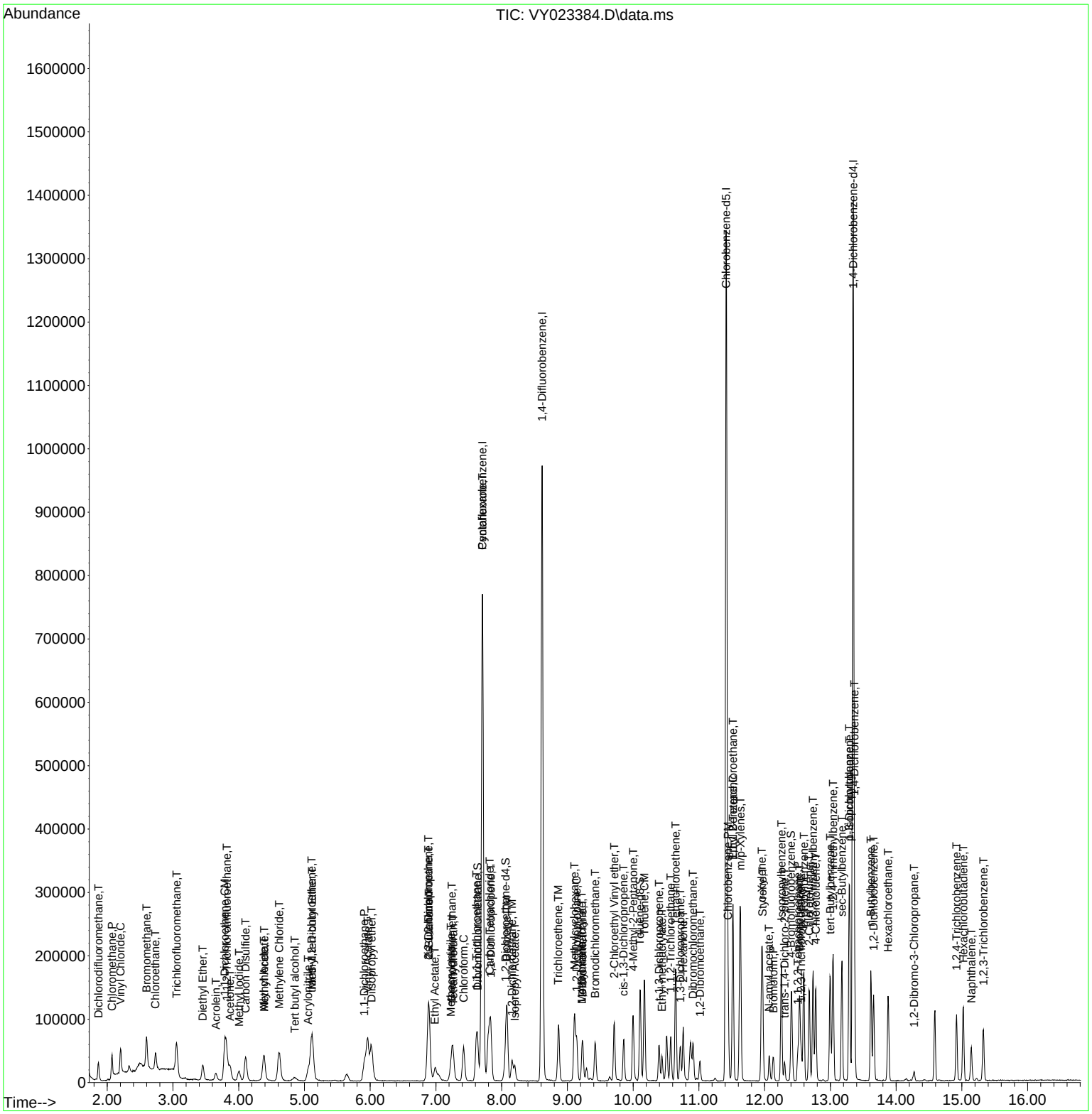
(#) = qualifier out of range (m) = manual integration (+) = signals summed

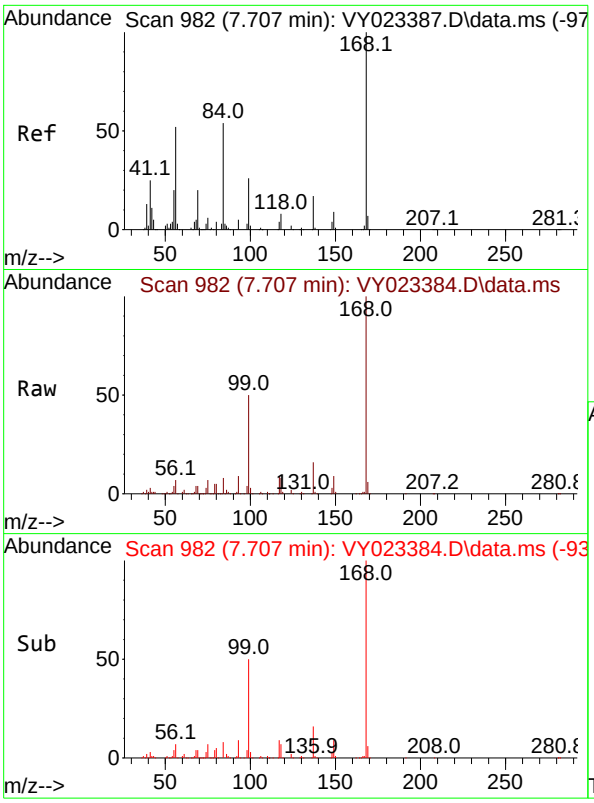
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



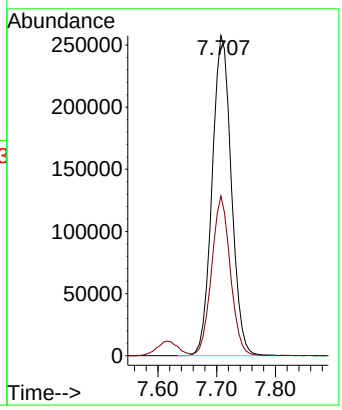


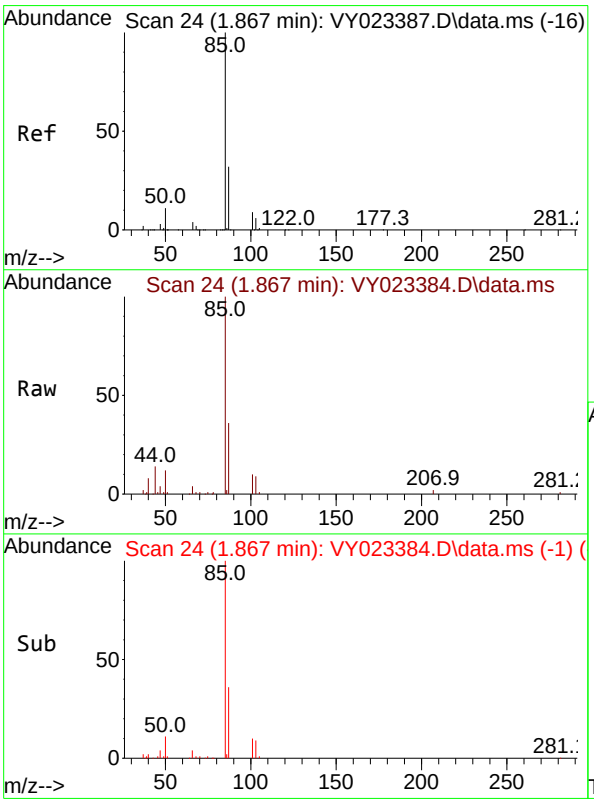
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 585717

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.7	59.5

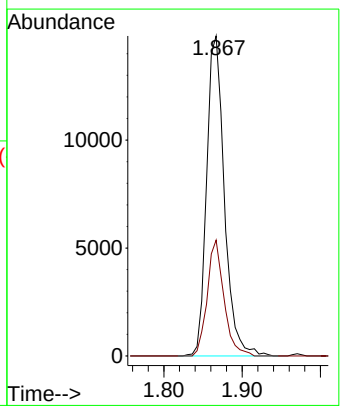


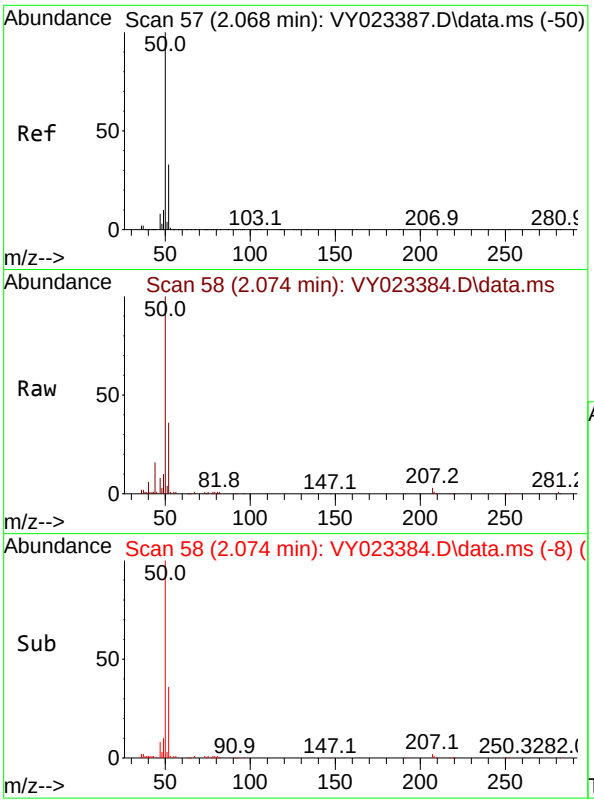


#2
Dichlorodifluoromethane
Concen: 5.038 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 85 Resp: 23245

Ion	Ratio	Lower	Upper
85	100		
87	36.2	16.0	47.9



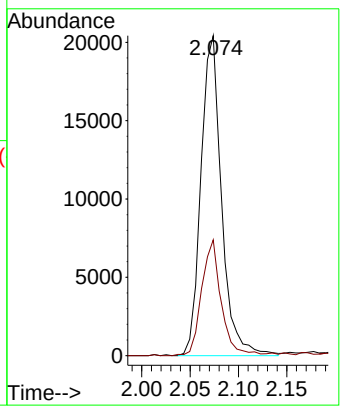


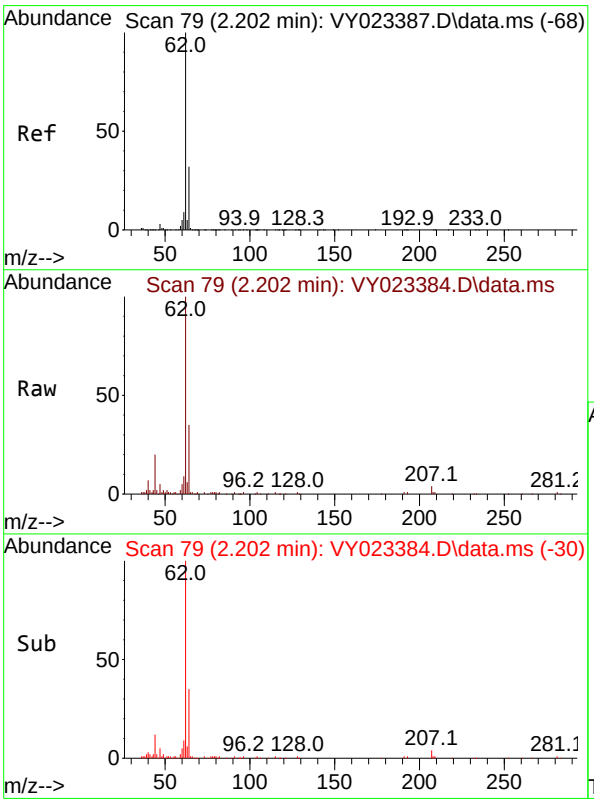
#3
Chloromethane
Concen: 4.627 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 30346

Ion	Ratio	Lower	Upper
50	100		
52	35.8	26.2	39.2

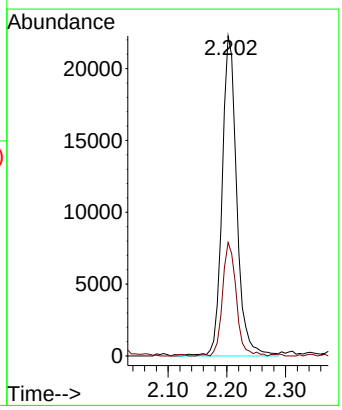


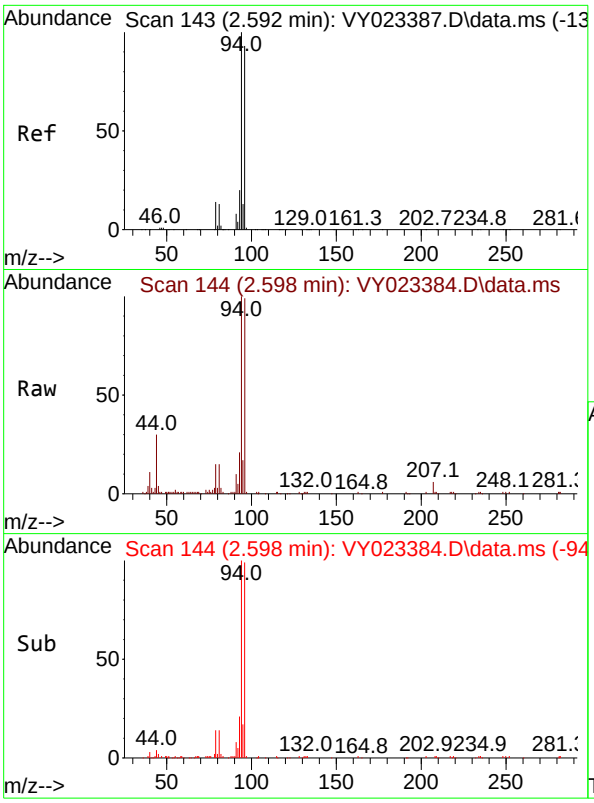


#4
Vinyl Chloride
Concen: 4.668 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 38657

Ion	Ratio	Lower	Upper
62	100		
64	35.0	25.8	38.8



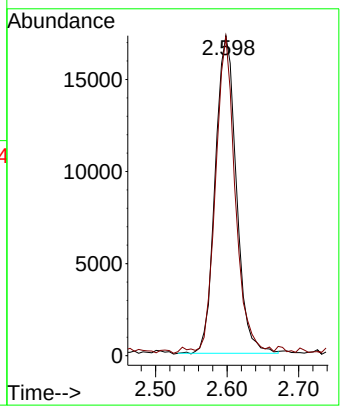


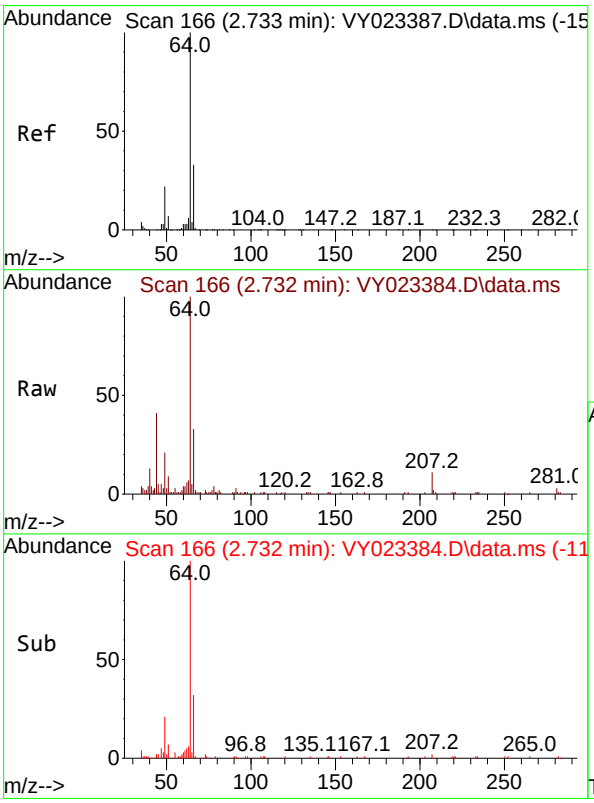
#5
Bromomethane
Concen: 5.184 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 35214

Ion	Ratio	Lower	Upper
94	100		
96	99.0	74.5	111.7

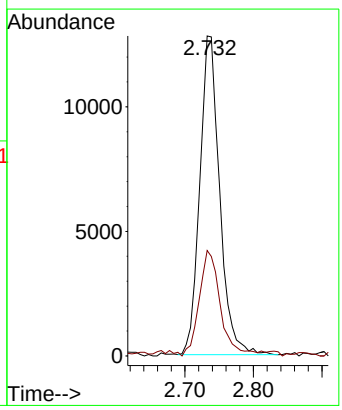


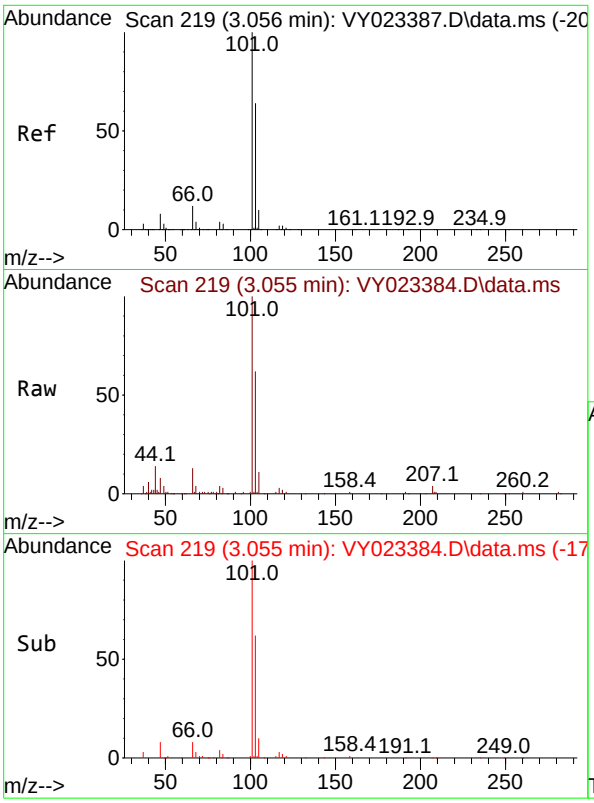


#6
Chloroethane
Concen: 4.597 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 64 Resp: 25848

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.2	39.4



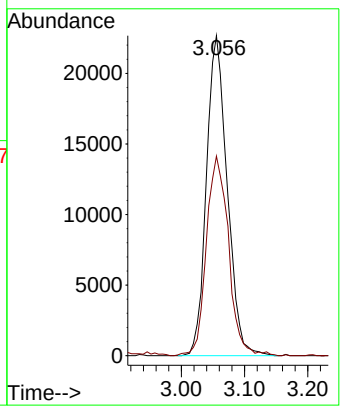


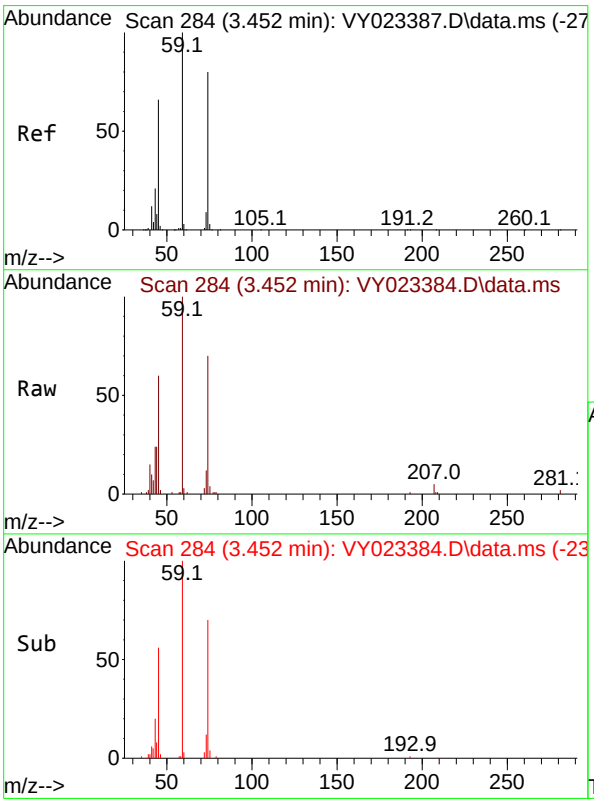
#7
Trichlorofluoromethane
Concen: 4.869 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 51797

Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.3	76.9

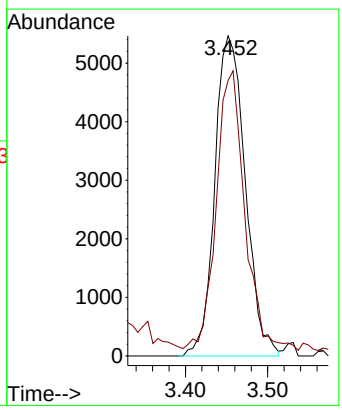


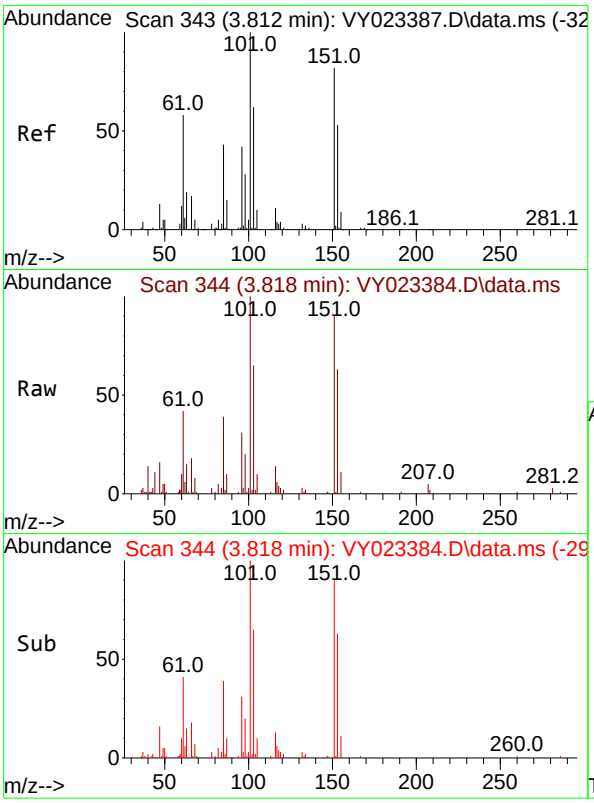


#8
Diethyl Ether
Concen: 5.060 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 74 Resp: 14079

Ion	Ratio	Lower	Upper
74	100		
45	82.9	39.9	119.7



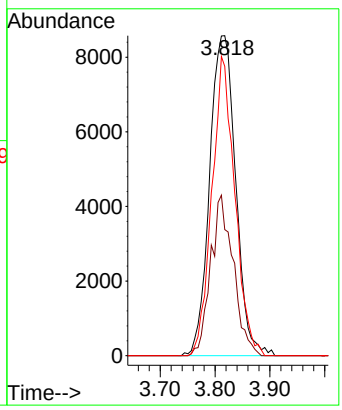


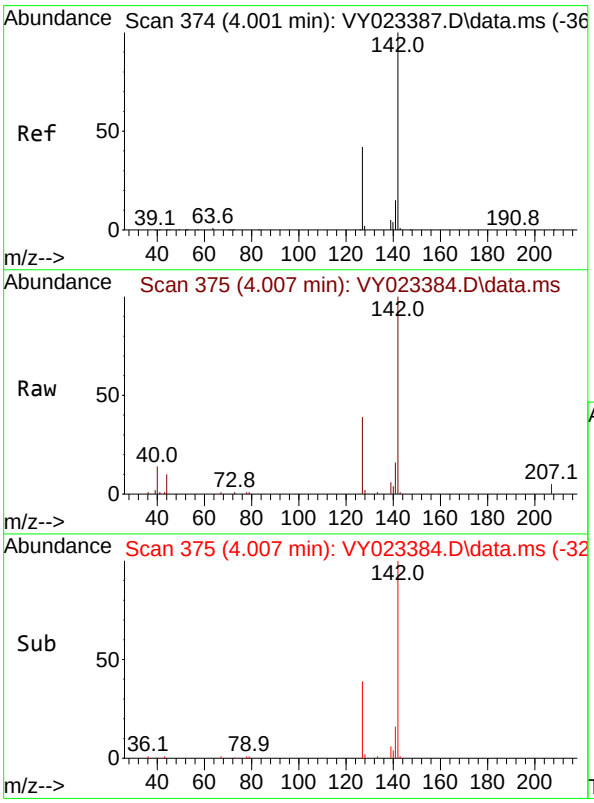
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.989 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 28368

Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.6	51.8
151	82.3	67.0	100.6

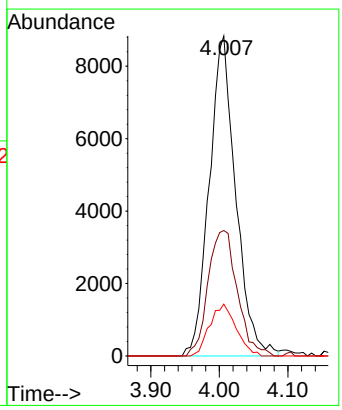


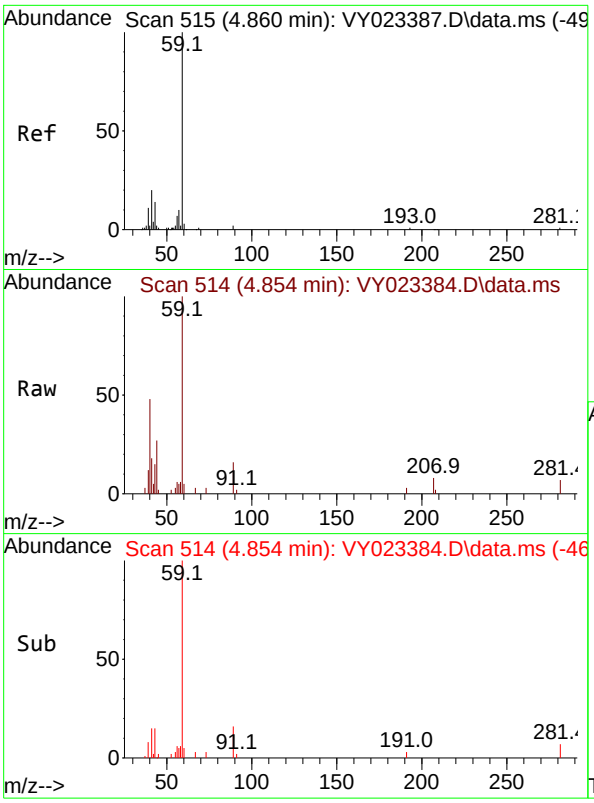


#10
Methyl Iodide
Concen: 3.606 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:142 Resp: 23692

Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.8	52.2
141	16.2	11.6	17.4



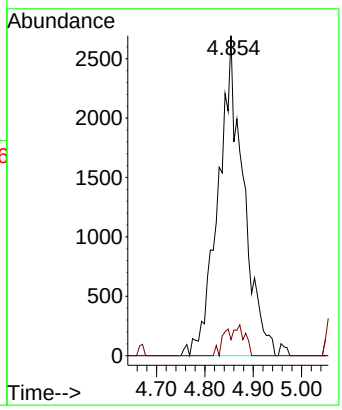


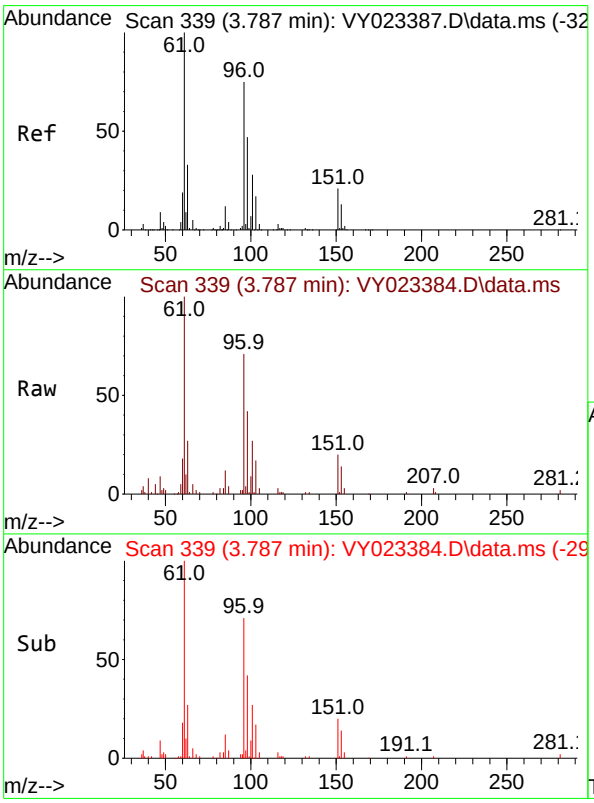
#11
Tert butyl alcohol
Concen: 32.746 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 9774

Ion	Ratio	Lower	Upper
59	100		
57	3.0	8.3	12.5#

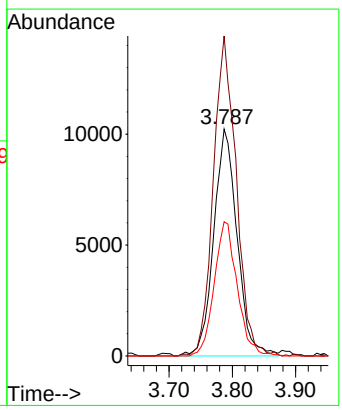


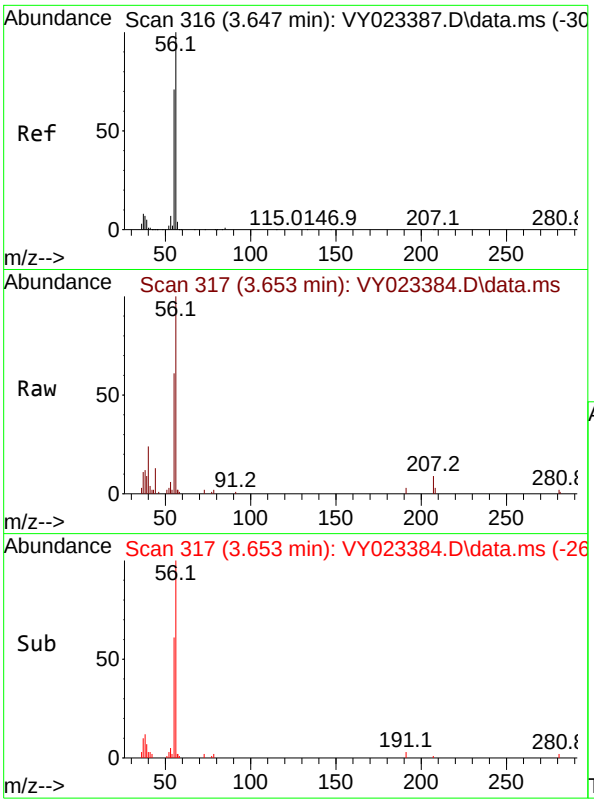


#12
1,1-Dichloroethene
Concen: 4.806 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 96 Resp: 26290

Ion	Ratio	Lower	Upper
96	100		
61	141.0	106.7	160.1
98	59.1	50.2	75.4



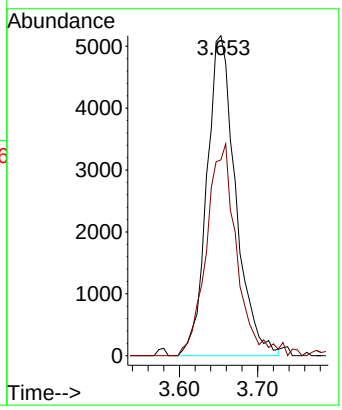


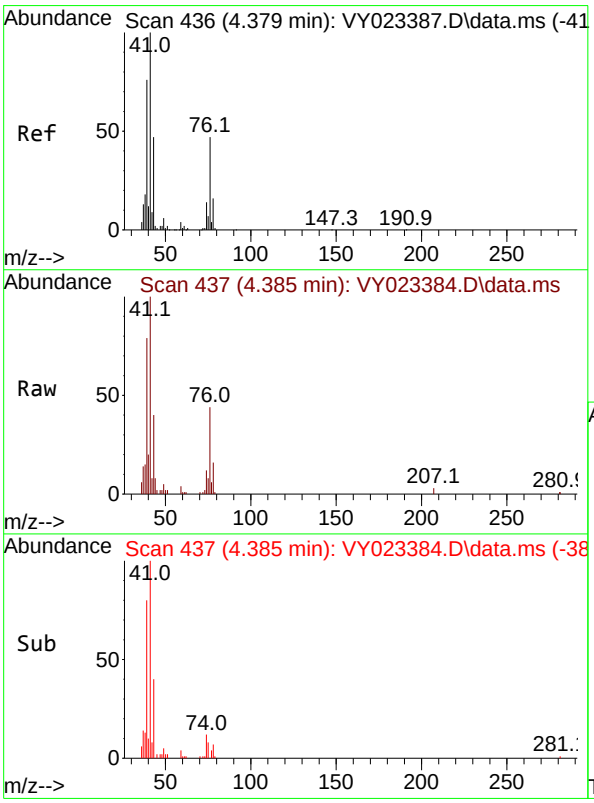
#13
Acrolein
Concen: 26.054 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 13176

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1

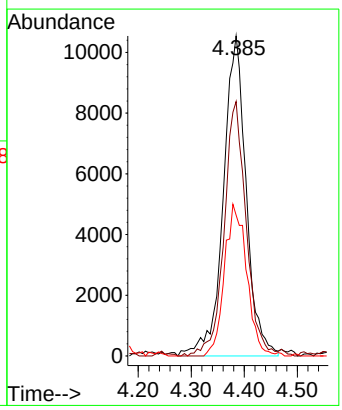


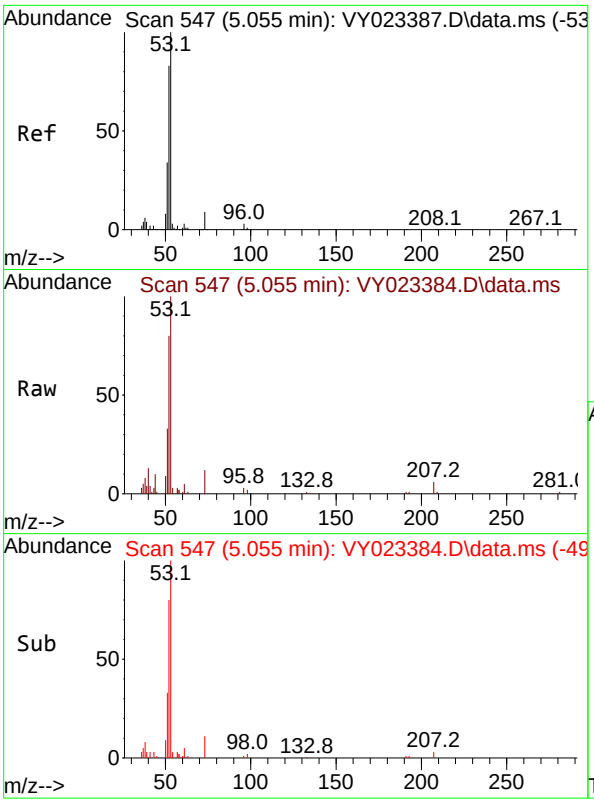


#14
Allyl chloride
Concen: 4.616 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 31614

Ion	Ratio	Lower	Upper
41	100		
39	76.6	59.9	89.9
76	46.2	38.0	57.0



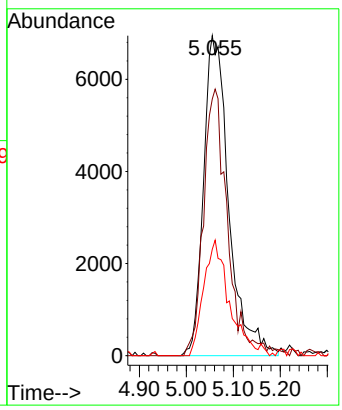


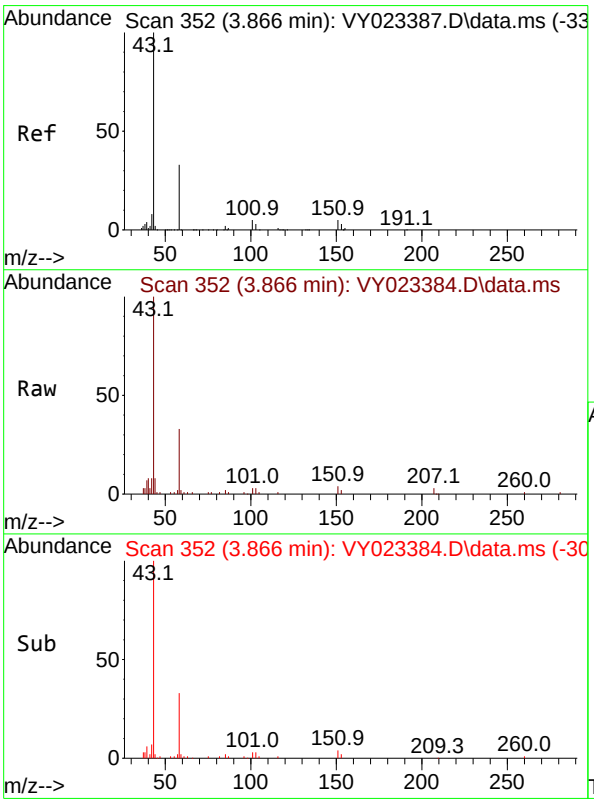
#15
Acrylonitrile
Concen: 23.754 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 25891

Ion	Ratio	Lower	Upper
53	100		
52	79.7	64.6	97.0
51	36.3	29.5	44.3

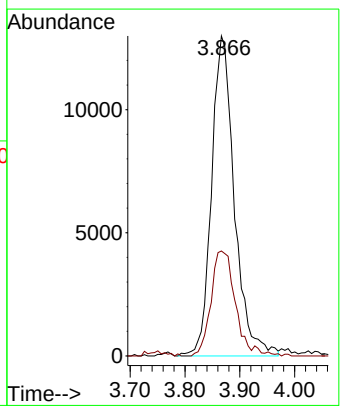


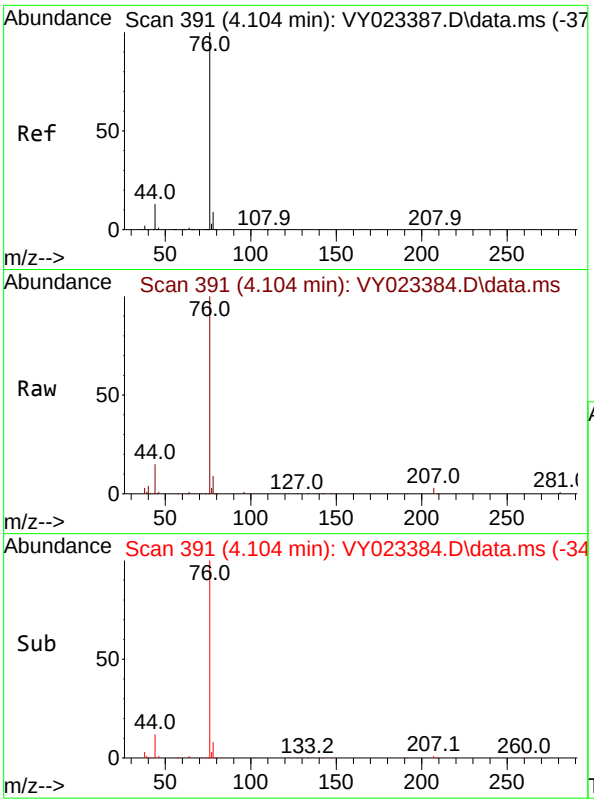


#16
Acetone
Concen: 32.940 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 37573

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5



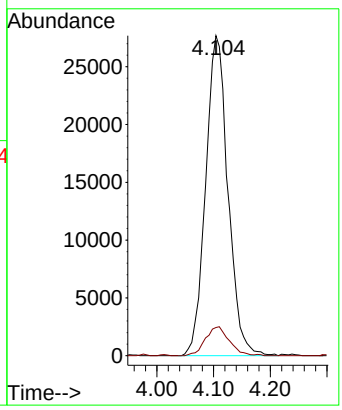


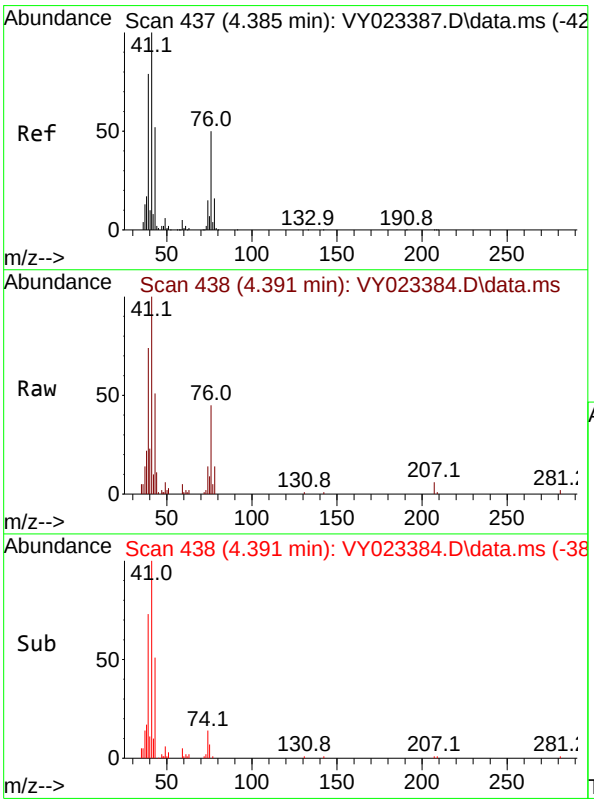
#17
Carbon Disulfide
Concen: 4.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 75645

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

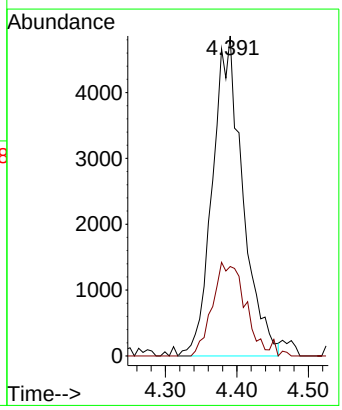


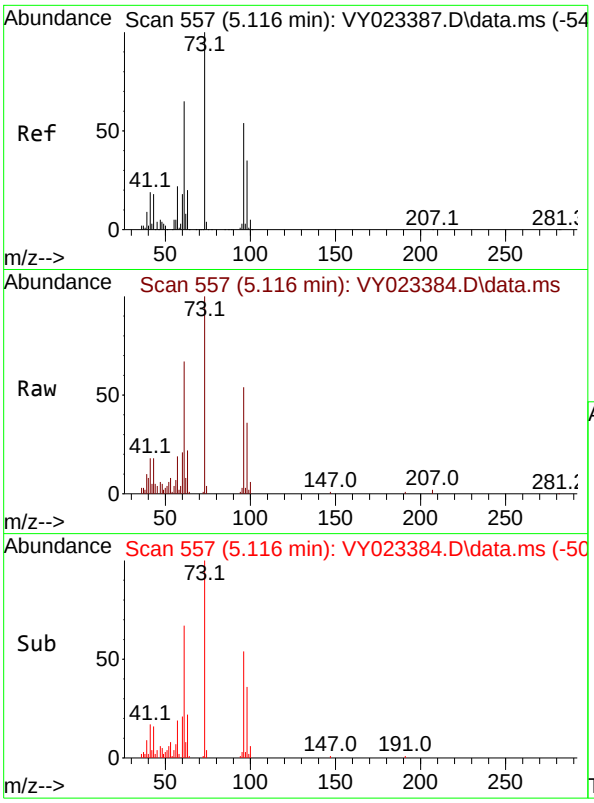


#18
Methyl Acetate
Concen: 4.926 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 14279

Ion	Ratio	Lower	Upper
43	100		
74	31.4	24.2	36.4



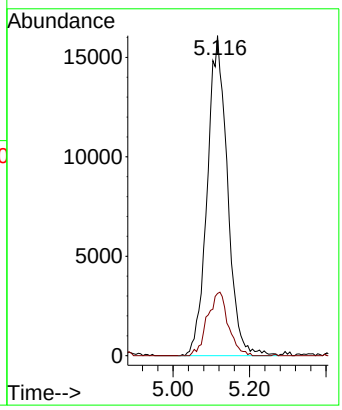


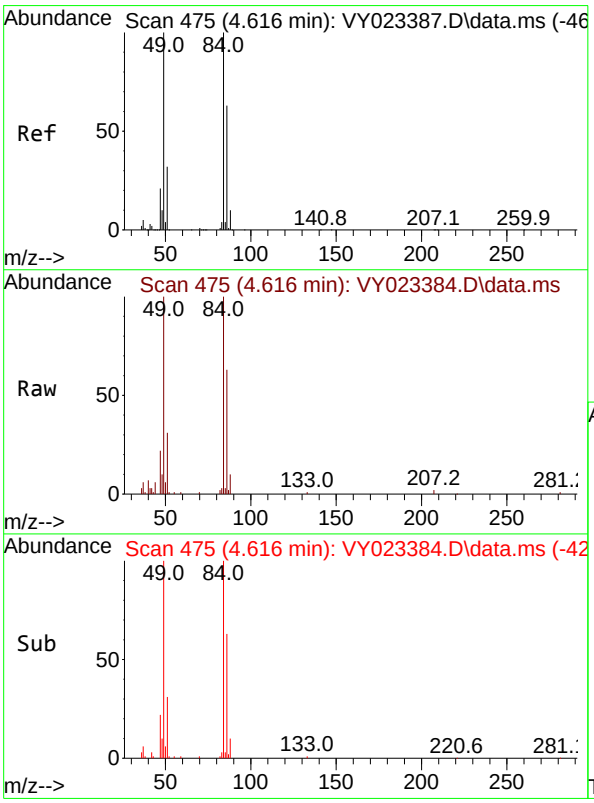
#19
Methyl tert-butyl Ether
Concen: 4.600 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 58919

Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.4	26.0

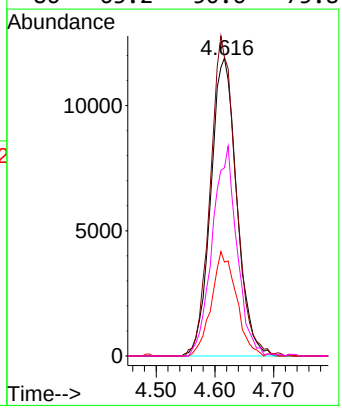


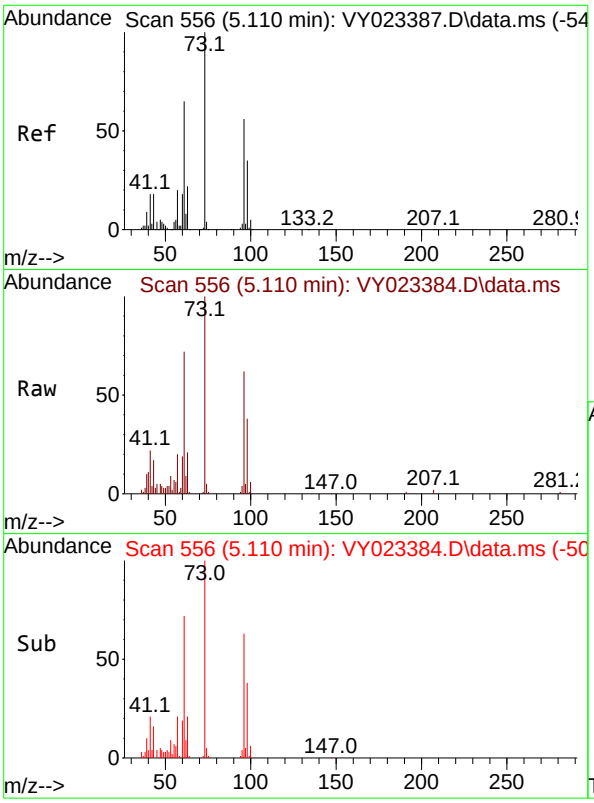


#20
Methylene Chloride
Concen: 5.917 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 84 Resp: 36598

Ion	Ratio	Lower	Upper
84	100		
49	100.3	80.2	120.4
51	31.6	25.9	38.9
86	63.2	50.6	75.8



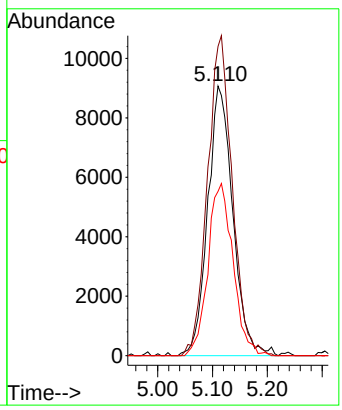


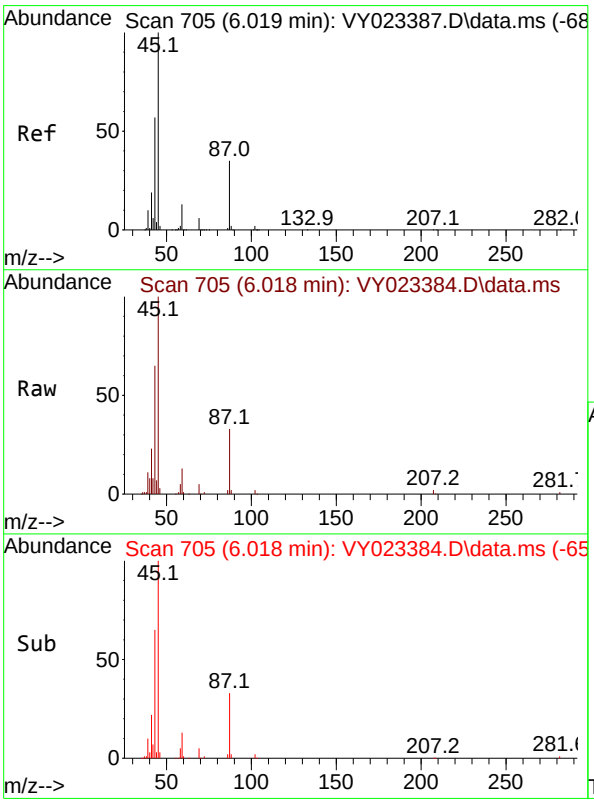
#21
trans-1,2-Dichloroethene
Concen: 4.754 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 28923

Ion	Ratio	Lower	Upper
96	100		
61	114.7	92.7	139.1
98	61.0	49.7	74.5

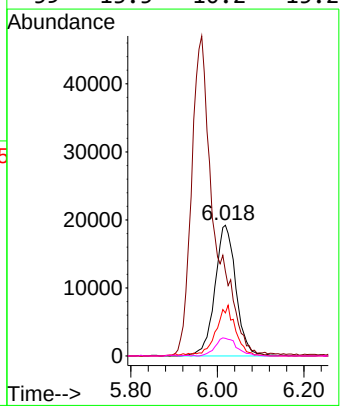


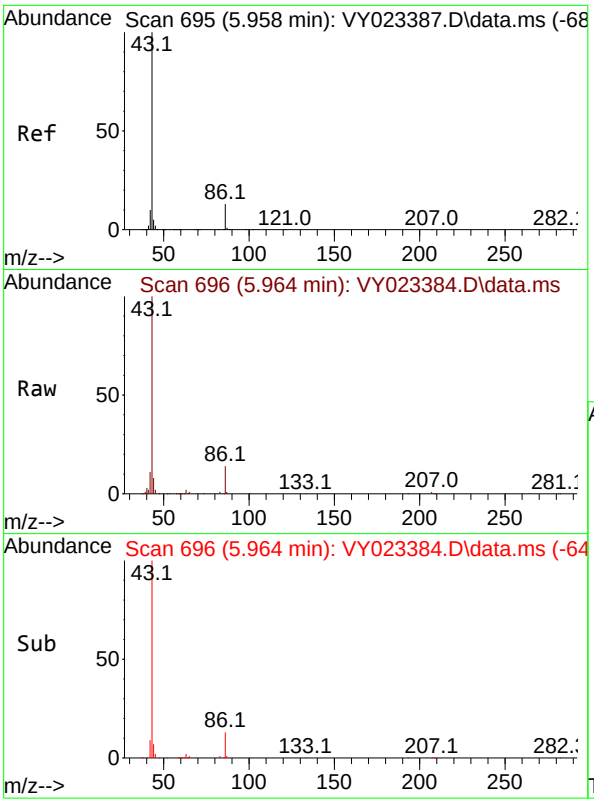


#22
Diisopropyl ether
Concen: 4.269 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 45 Resp: 64833

Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.6	68.4
87	32.9	28.1	42.1
59	13.5	10.2	15.2



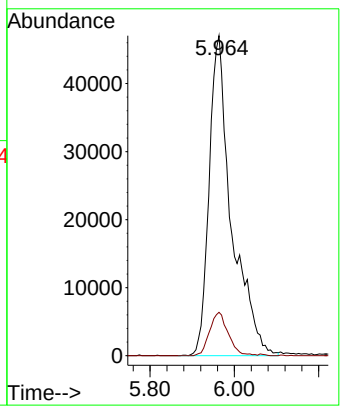


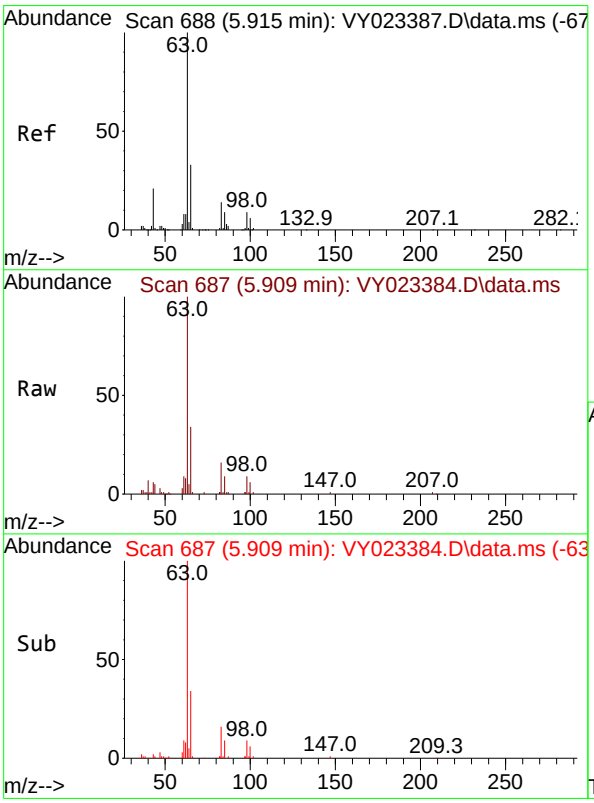
#23
Vinyl Acetate
Concen: 20.824 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 173851

Ion	Ratio	Lower	Upper
43	100		
86	13.6	10.6	15.8

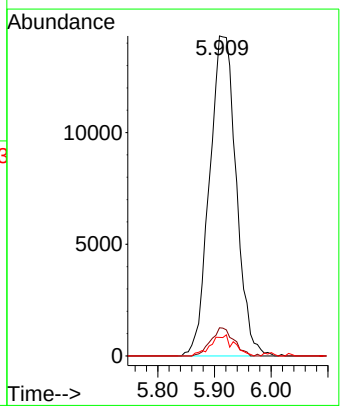


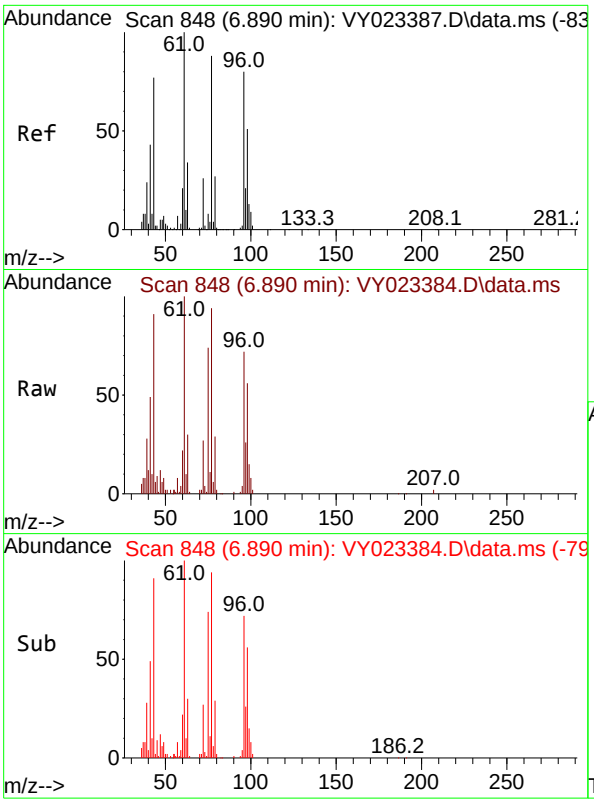


#24
1,1-Dichloroethane
Concen: 4.679 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 46850

Ion	Ratio	Lower	Upper
63	100		
98	8.8	4.3	13.1
100	5.8	2.8	8.4



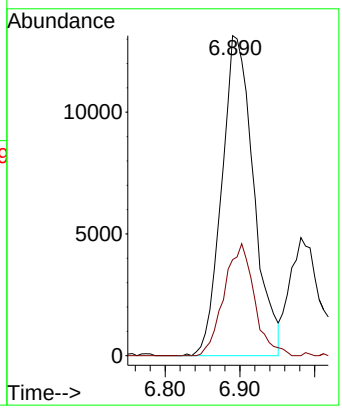


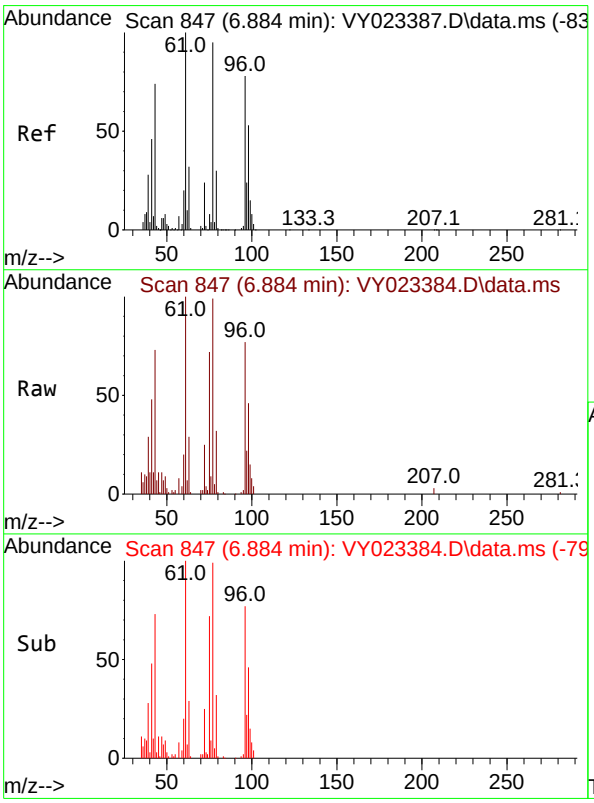
#25
2-Butanone
Concen: 27.656 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 38990

Ion	Ratio	Lower	Upper
43	100		
72	30.0	27.4	41.2

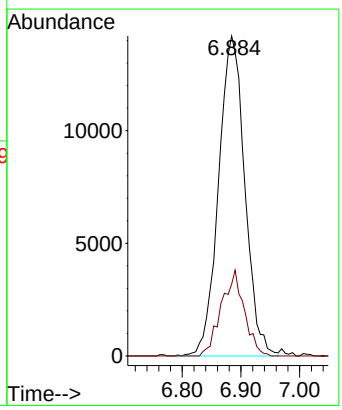


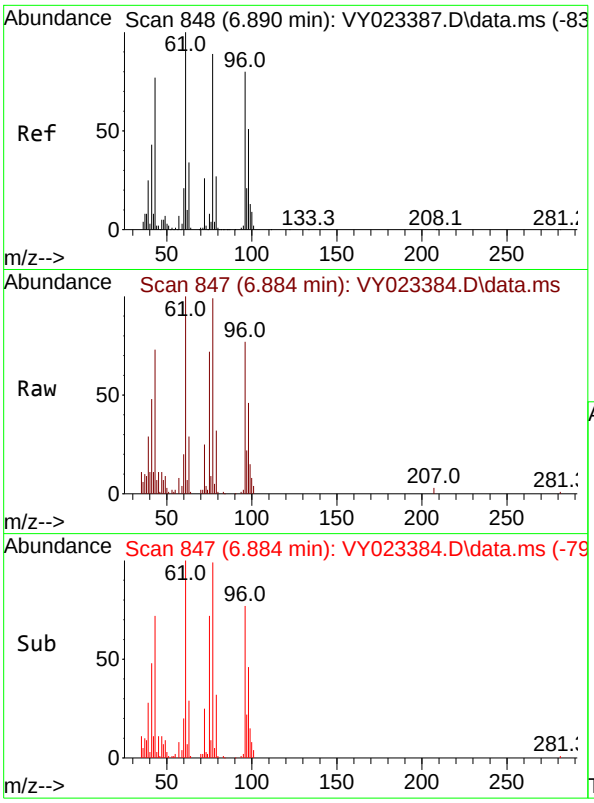


#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 77 Resp: 44062

Ion	Ratio	Lower	Upper
77	100		
97	23.4	12.1	36.3



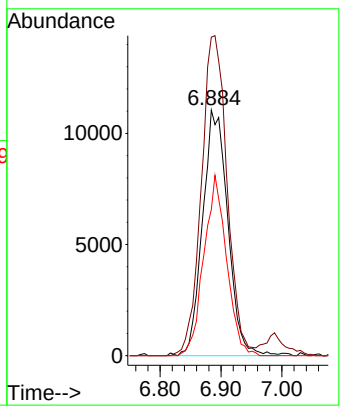


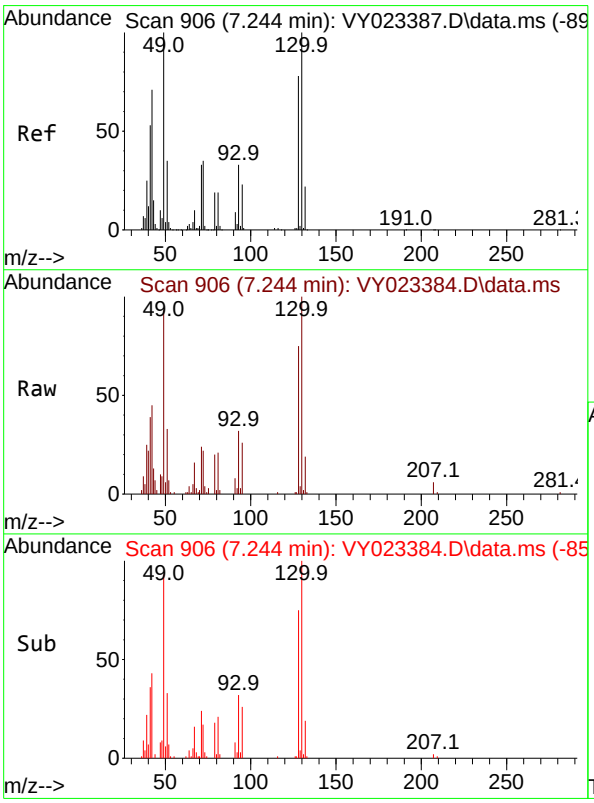
#27
cis-1,2-Dichloroethene
Concen: 4.600 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 31743

Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	258.2
98	66.1	0.0	132.0

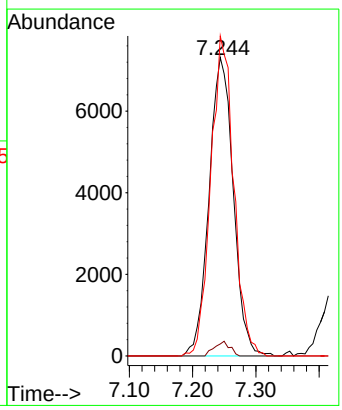


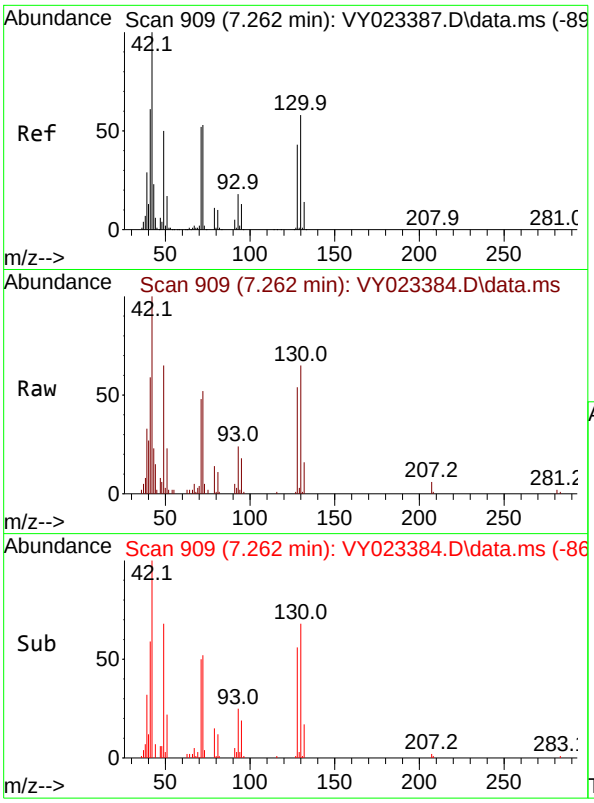


#28
Bromochloromethane
Concen: 5.006 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 49 Resp: 19445

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	101.5	81.9	122.9



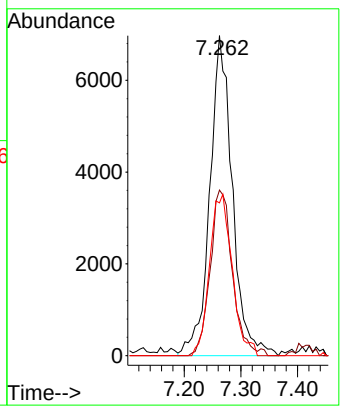


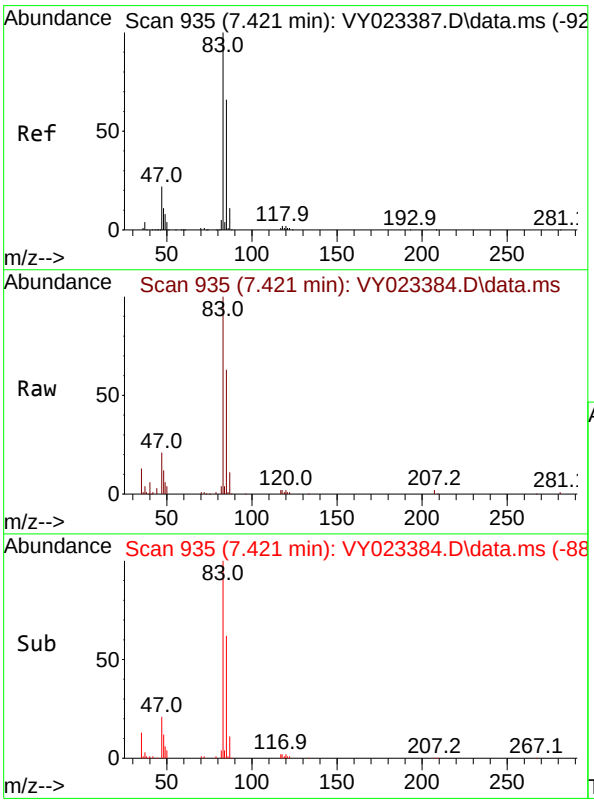
#29
Tetrahydrofuran
Concen: 23.059 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 19296

Ion	Ratio	Lower	Upper
42	100		
72	51.0	43.0	64.6
71	50.4	40.1	60.1

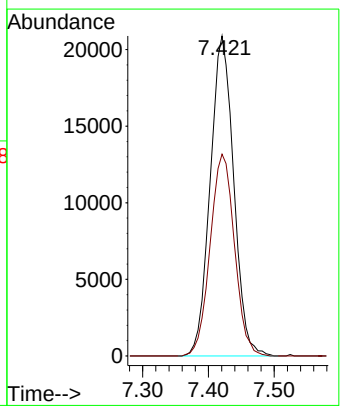


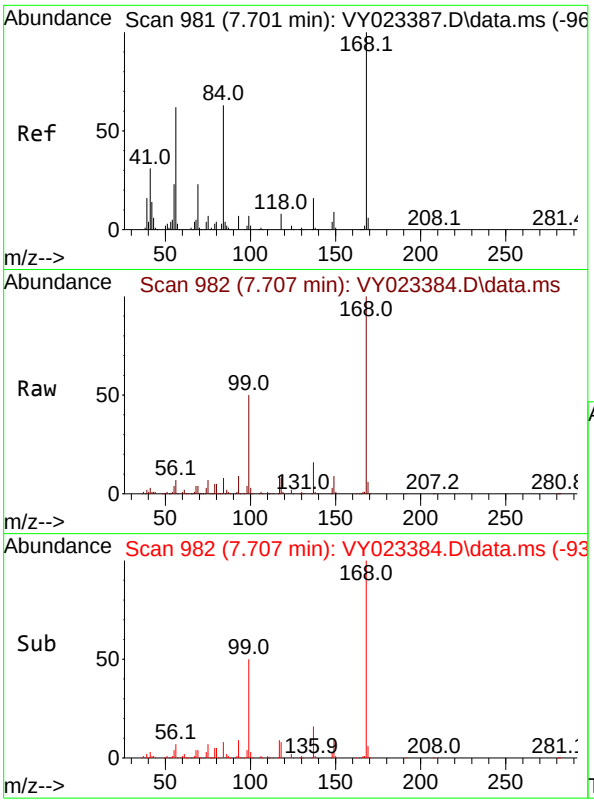


#30
Chloroform
Concen: 4.806 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 83 Resp: 51887

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.5	78.7



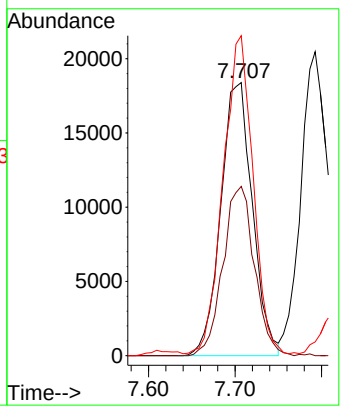


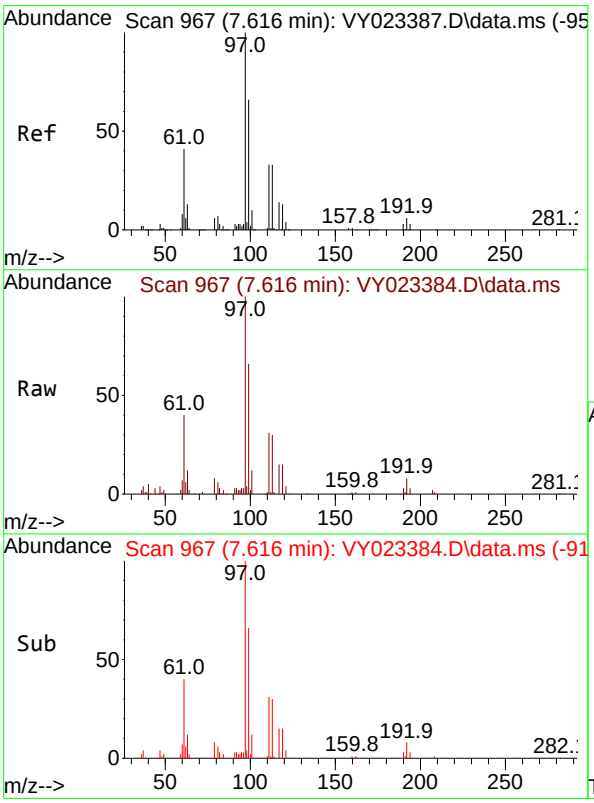
#31
Cyclohexane
Concen: 5.279 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 46675

Ion	Ratio	Lower	Upper
56	100		
69	62.0	30.0	45.0#
84	115.8	81.2	121.8

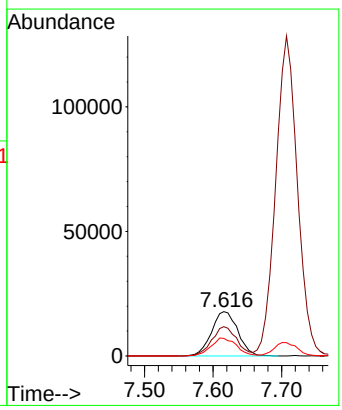


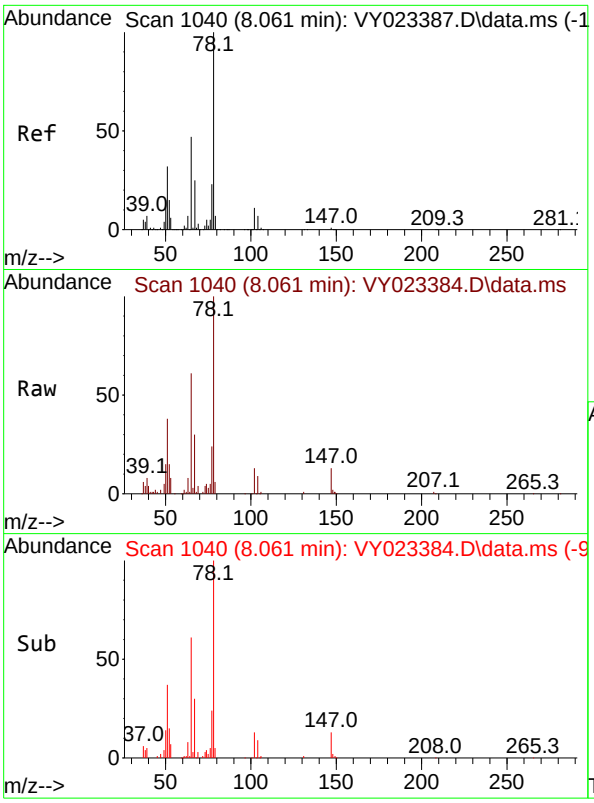


#32
1,1,1-Trichloroethane
Concen: 4.881 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 97 Resp: 47305

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	39.4	31.9	47.9



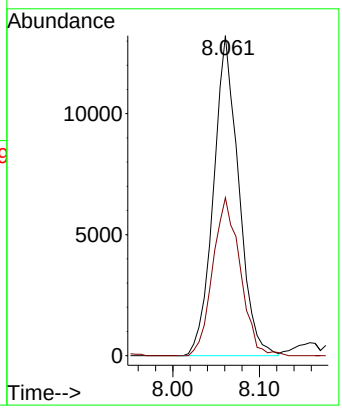


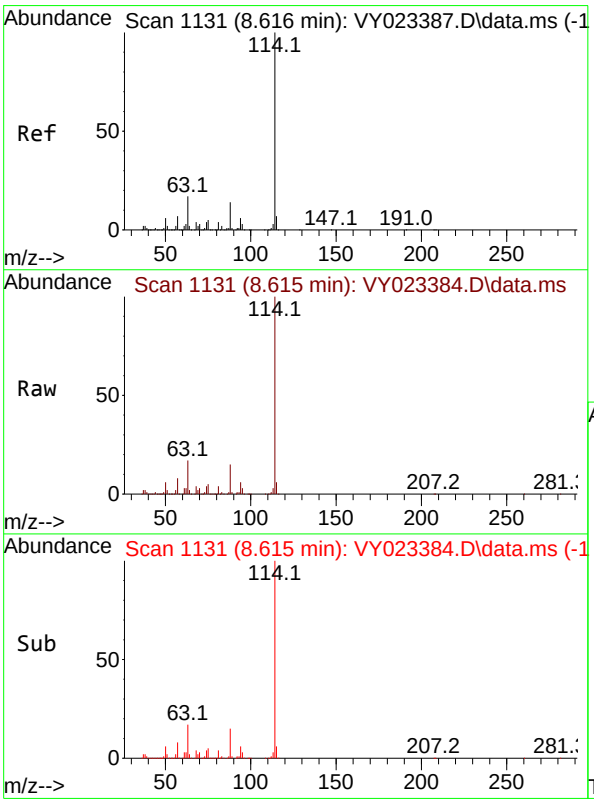
#33
1,2-Dichloroethane-d4
Concen: 5.258 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 26670

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.8

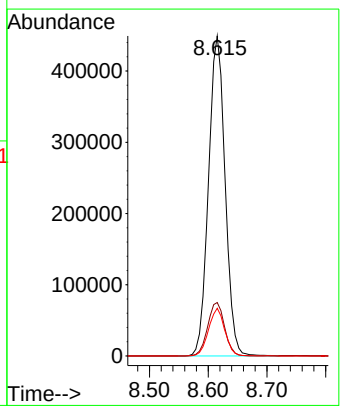


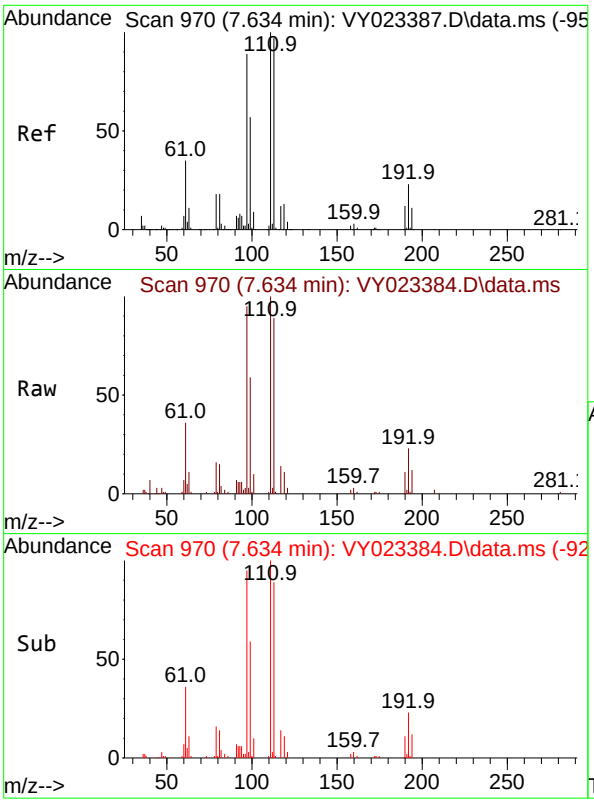


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:114 Resp: 882488

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.2
88	14.9	0.0	28.4



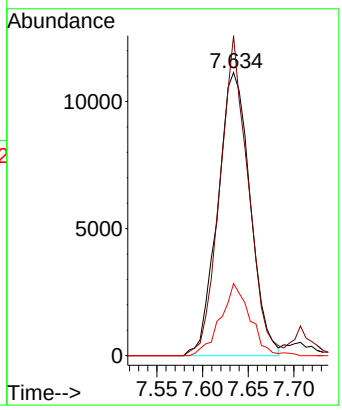


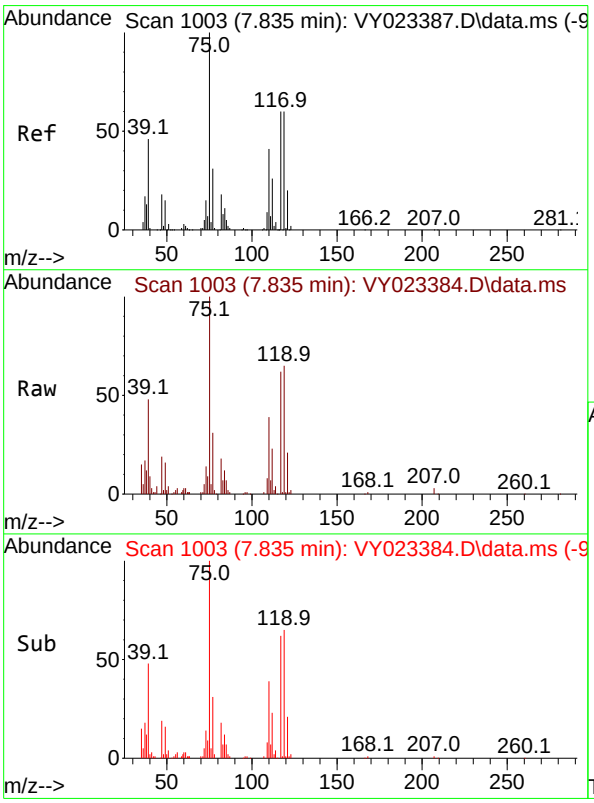
#35
Dibromofluoromethane
Concen: 5.126 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 27455

Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.8	122.6
192	23.4	18.0	27.0

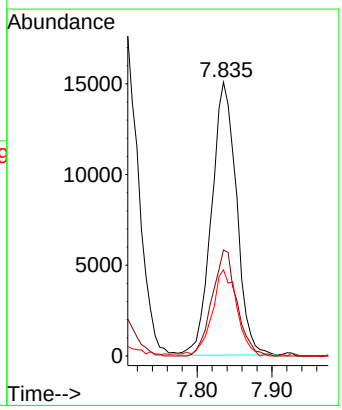


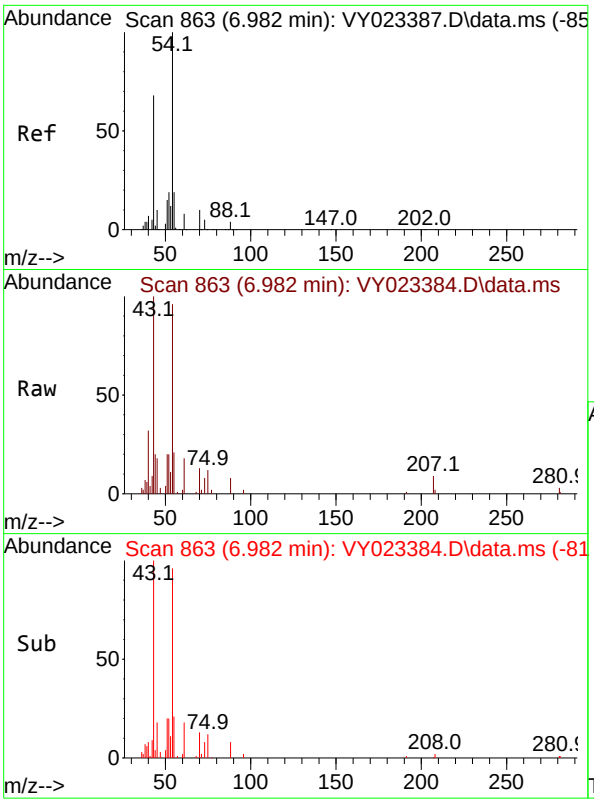


#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 34888

Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.9	59.7
77	32.1	25.0	37.6



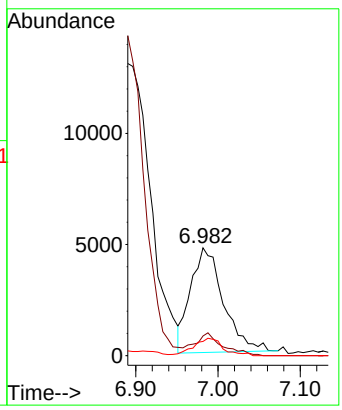


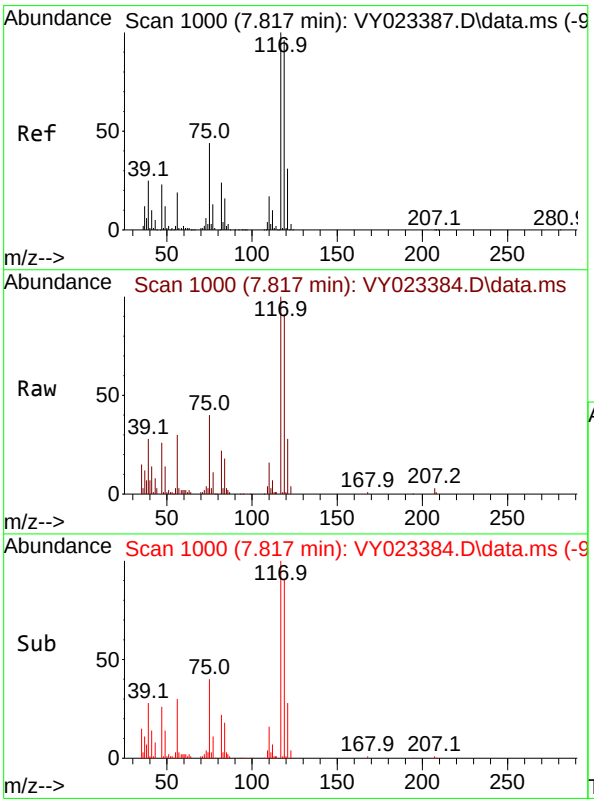
#37
Ethyl Acetate
Concen: 4.379 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13082

Ion	Ratio	Lower	Upper
43	100		
61	18.2	11.8	17.8#
70	15.0	10.5	15.7

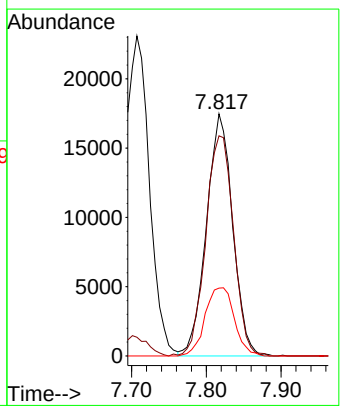


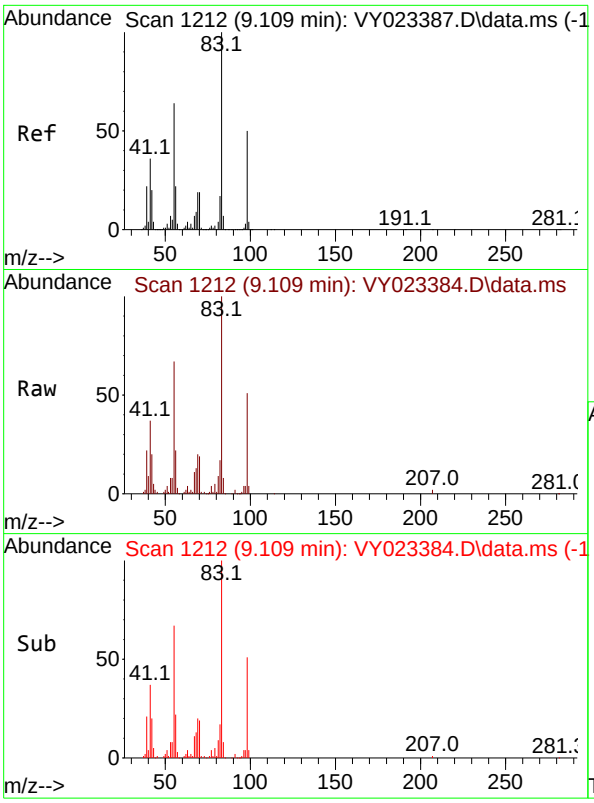


#38
Carbon Tetrachloride
Concen: 4.859 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:117 Resp: 42654

Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.8	115.2
121	28.0	24.5	36.7



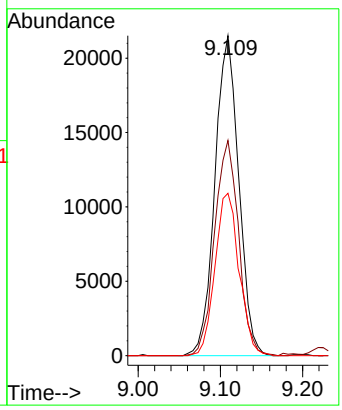


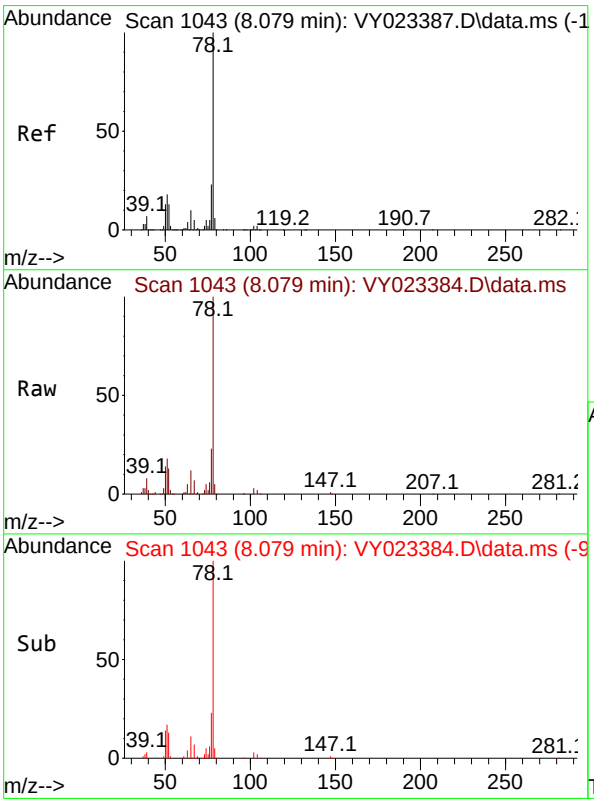
#39
Methylcyclohexane
Concen: 4.479 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 43329

Ion	Ratio	Lower	Upper
83	100		
55	67.2	51.4	77.2
98	50.8	40.4	60.6

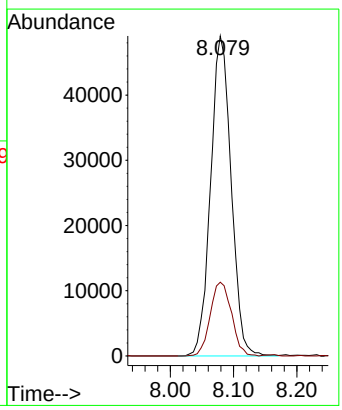


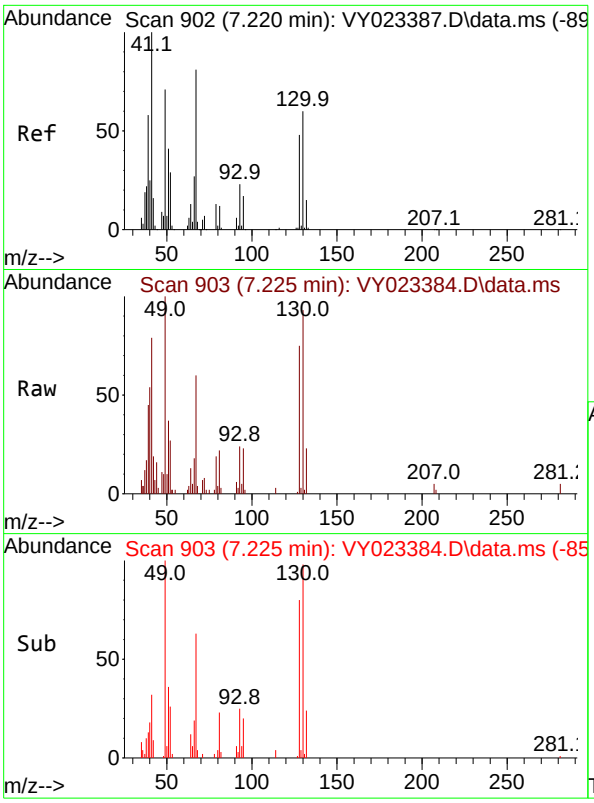


#40
Benzene
Concen: 4.693 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 78 Resp: 110551

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5



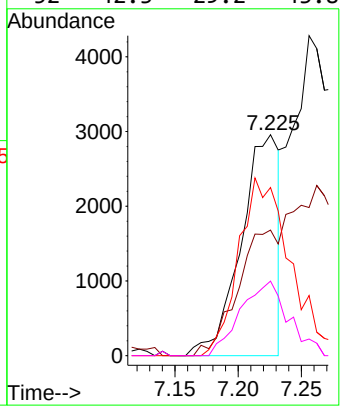


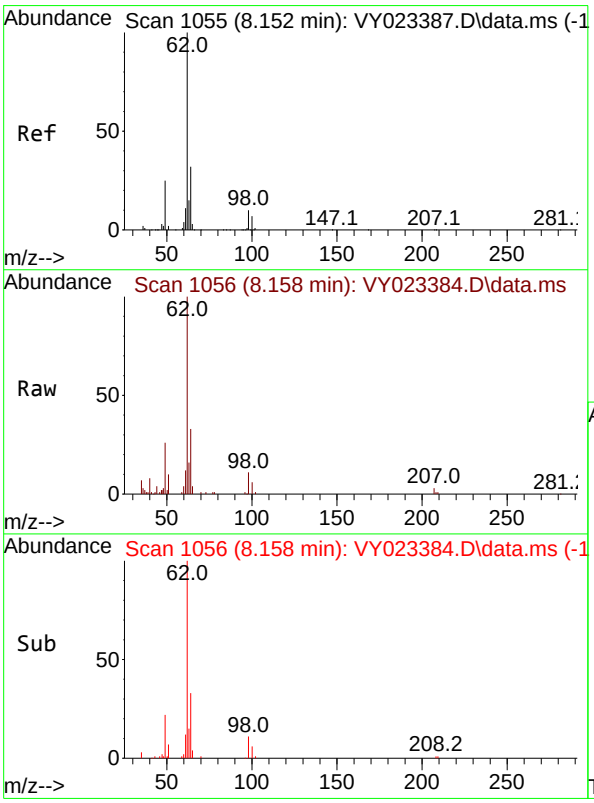
#41
Methacrylonitrile
Concen: 3.999 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 6205

Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.2	78.4#
67	110.8	74.9	112.3
52	42.3	29.2	43.8

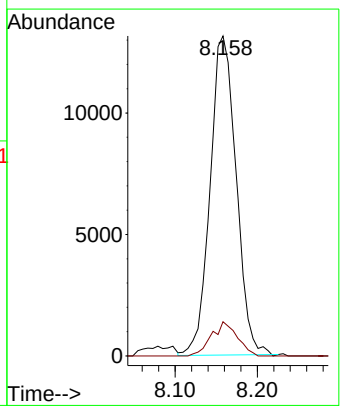


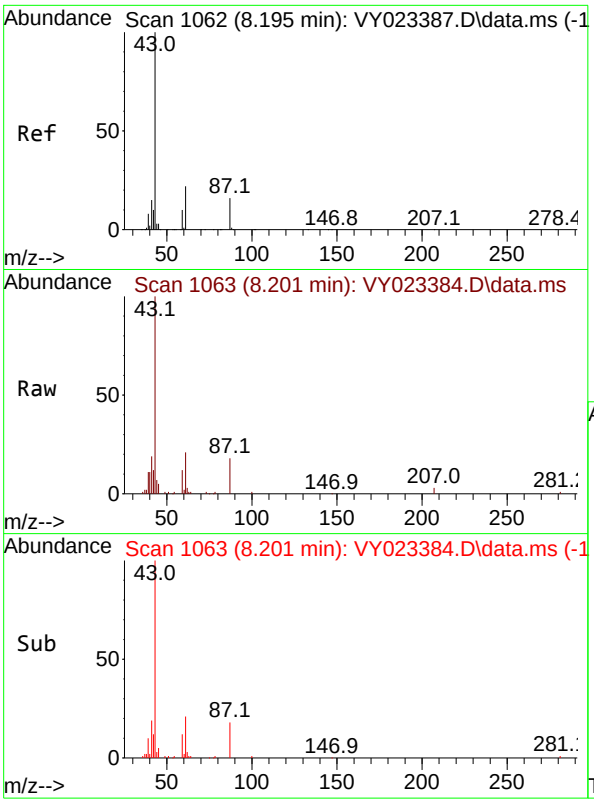


#42
1,2-Dichloroethane
Concen: 4.828 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 62 Resp: 28940

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.6



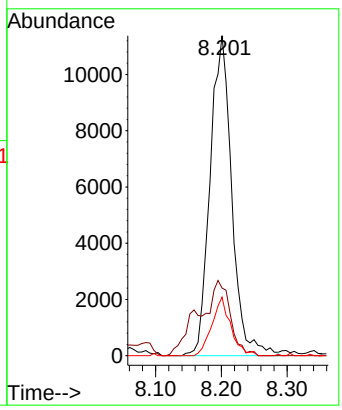


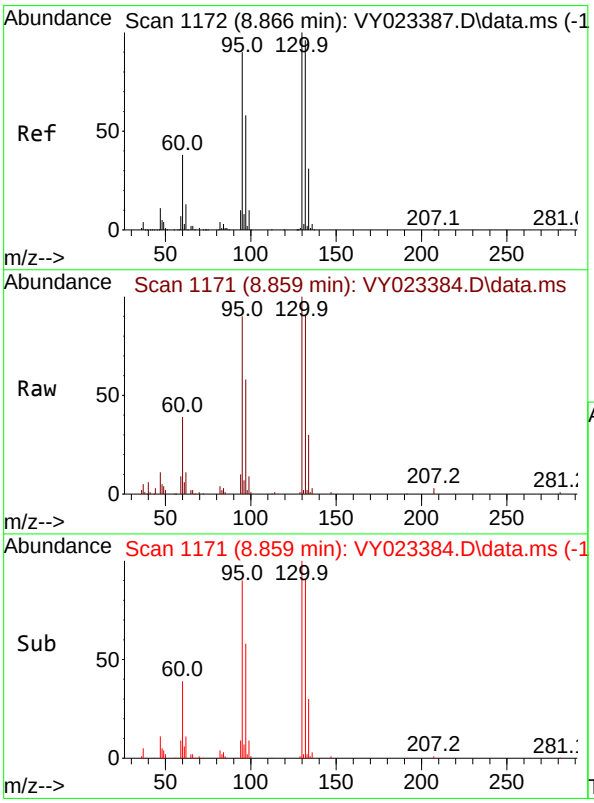
#43
Isopropyl Acetate
Concen: 4.503 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 26166

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	15.9	13.5	20.3

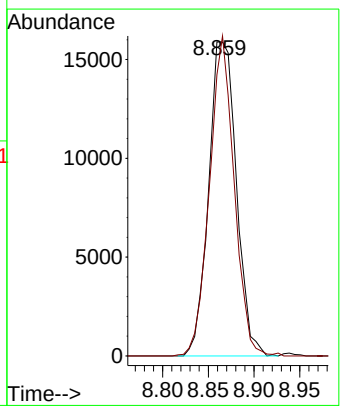


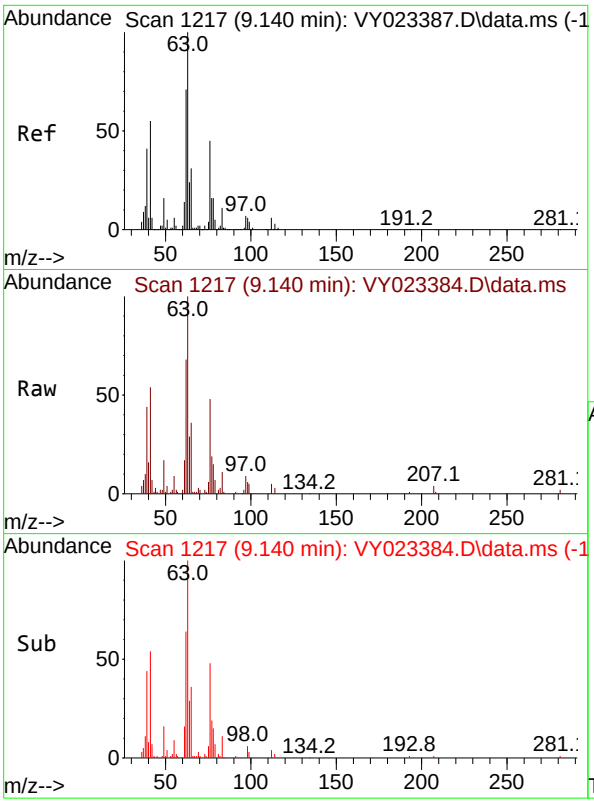


#44
Trichloroethene
Concen: 5.077 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:130 Resp: 33564

Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	180.6



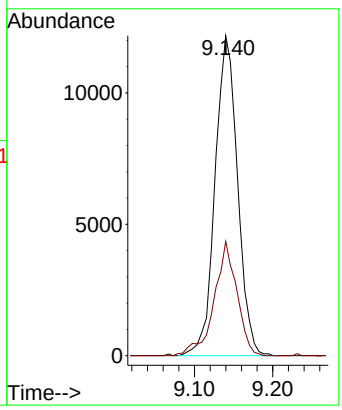


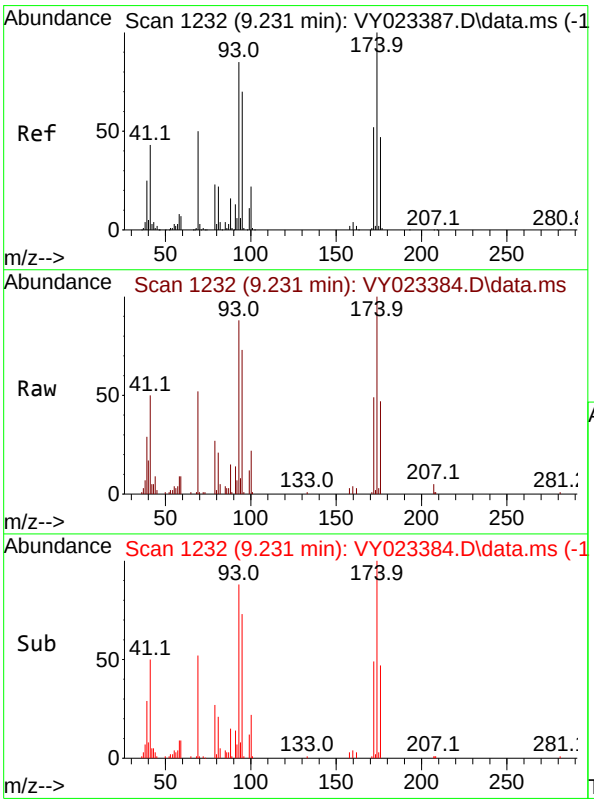
#45
1,2-Dichloropropane
Concen: 4.595 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 24358

Ion	Ratio	Lower	Upper
63	100		
65	35.7	24.9	37.3

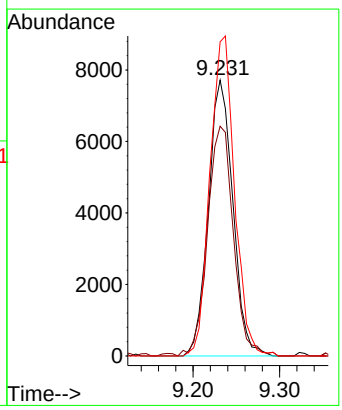


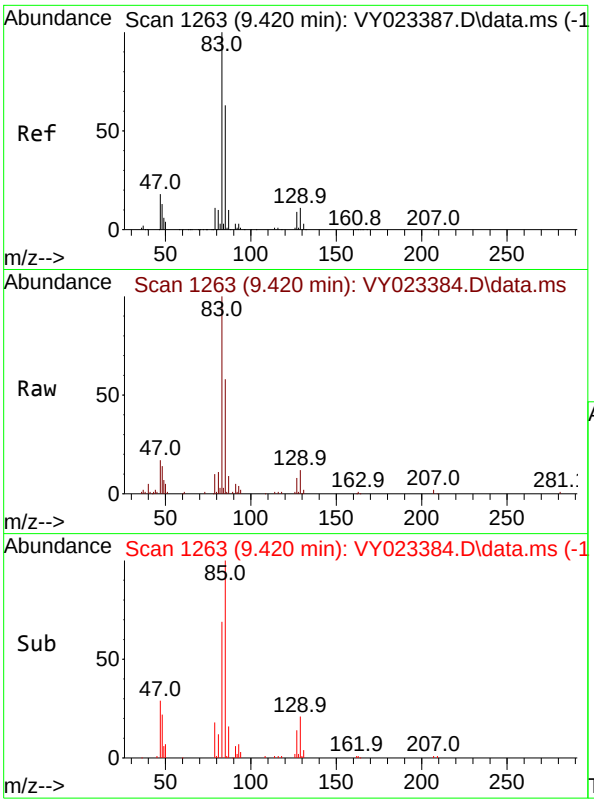


#46
Dibromomethane
Concen: 4.682 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 93 Resp: 15179

Ion	Ratio	Lower	Upper
93	100		
95	87.6	65.4	98.0
174	116.2	92.9	139.3



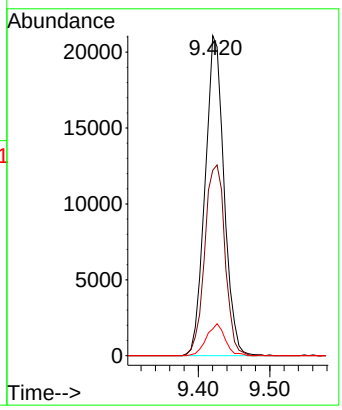


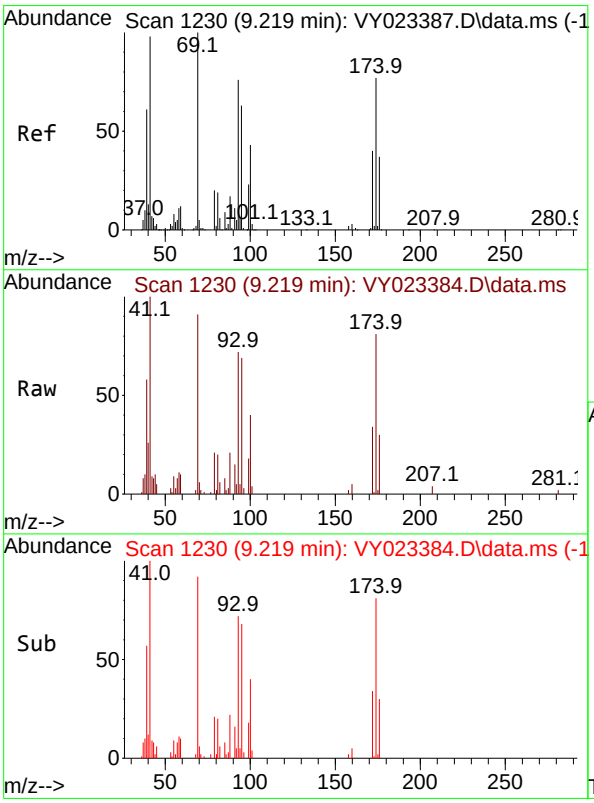
#47
Bromodichloromethane
Concen: 4.756 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 38813

Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.8	76.2
127	8.4	7.4	11.2

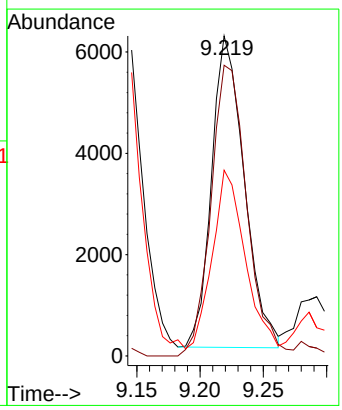


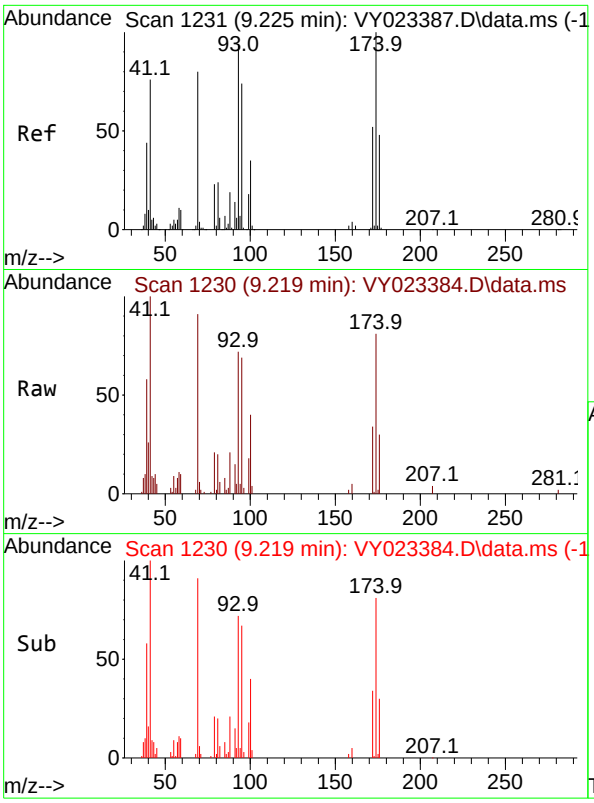


#48
Methyl methacrylate
Concen: 4.071 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 41 Resp: 11038

Ion	Ratio	Lower	Upper
41	100		
69	102.5	81.0	121.4
39	62.4	48.2	72.4



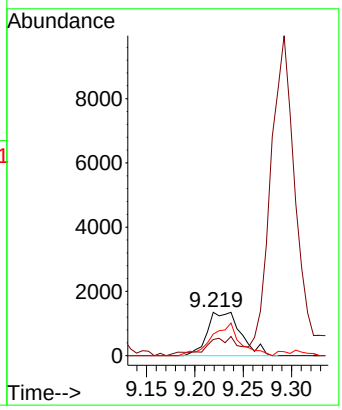


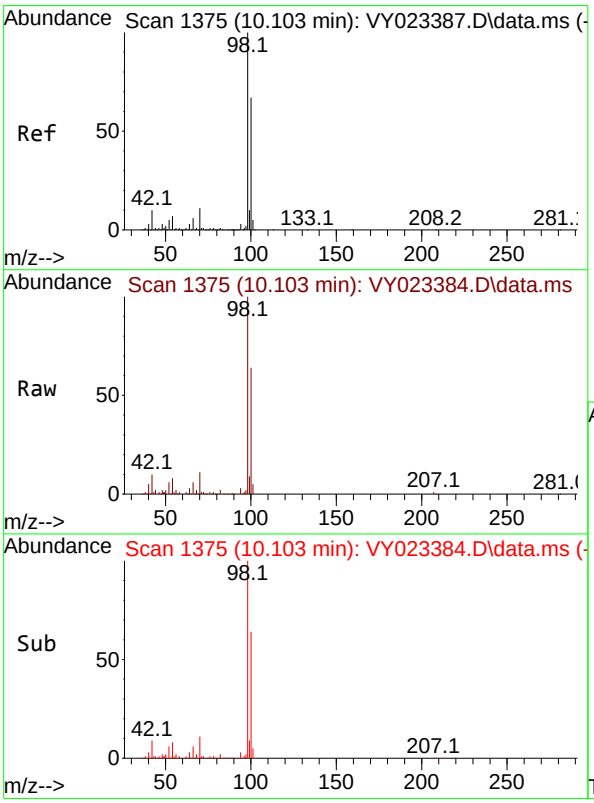
#49
1,4-Dioxane
Concen: 96.953 ug/l
RT: 9.219 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3255

Ion	Ratio	Lower	Upper
88	100		
43	43.1	21.8	32.8#
58	63.4	46.8	70.2

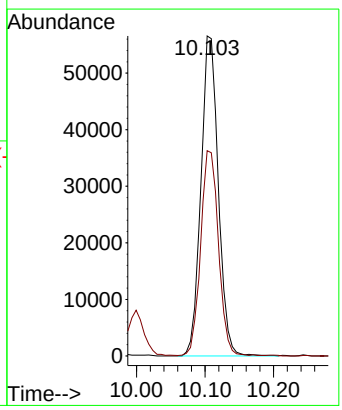


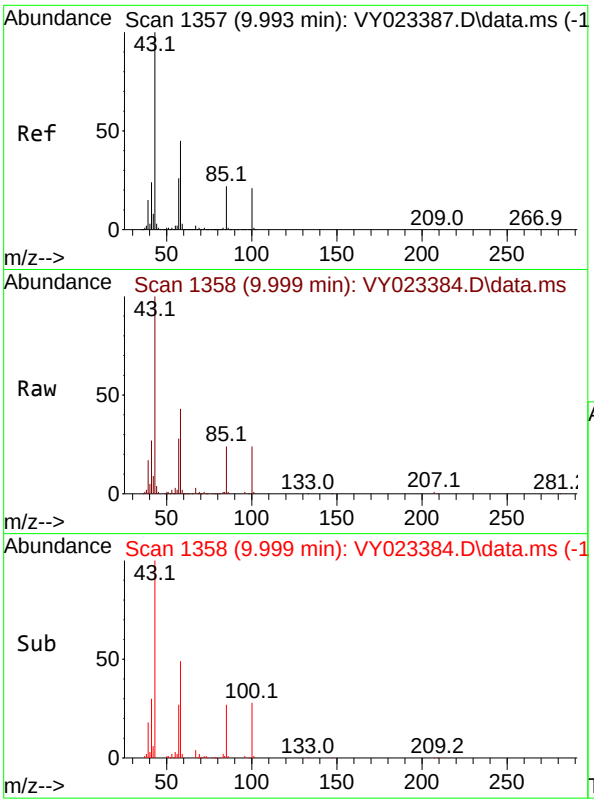


#50
Toluene-d8
Concen: 4.946 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 98 Resp: 99905

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4



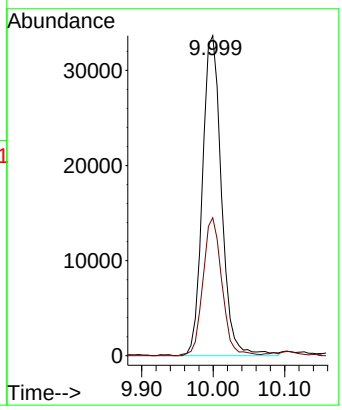


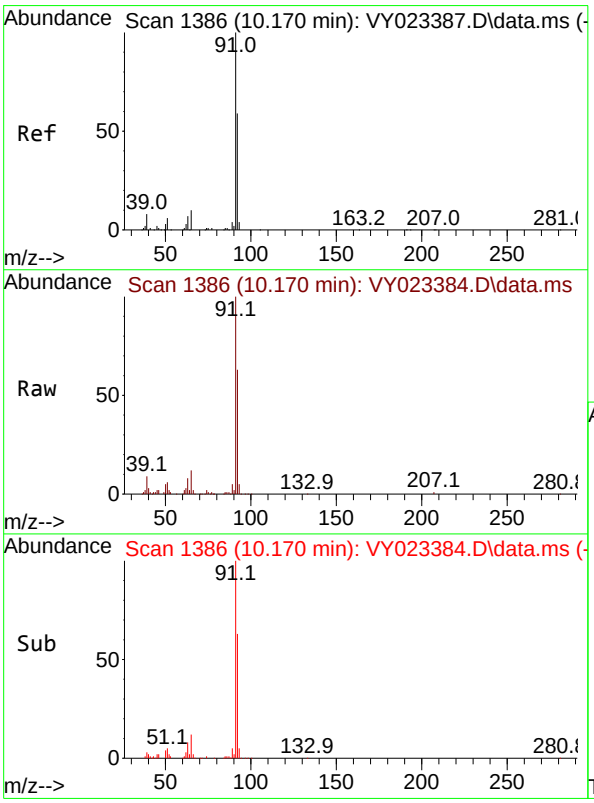
#51
4-Methyl-2-Pentanone
Concen: 20.925 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 62279

Ion	Ratio	Lower	Upper
43	100		
58	42.7	35.3	52.9

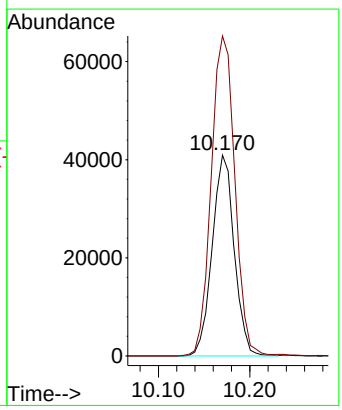


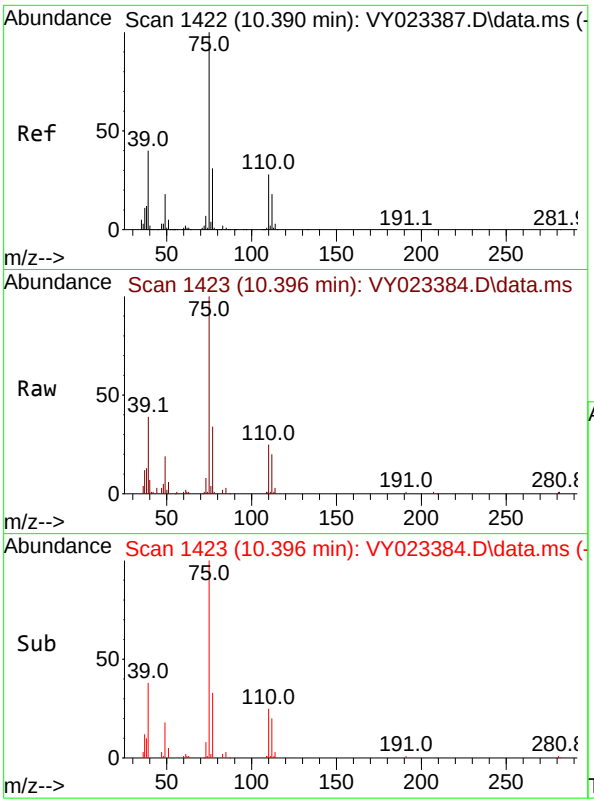


#52
Toluene
Concen: 4.585 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 92 Resp: 68550

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.4	204.6



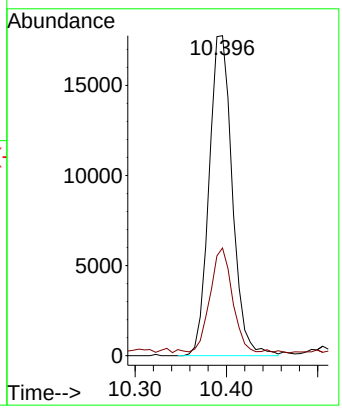


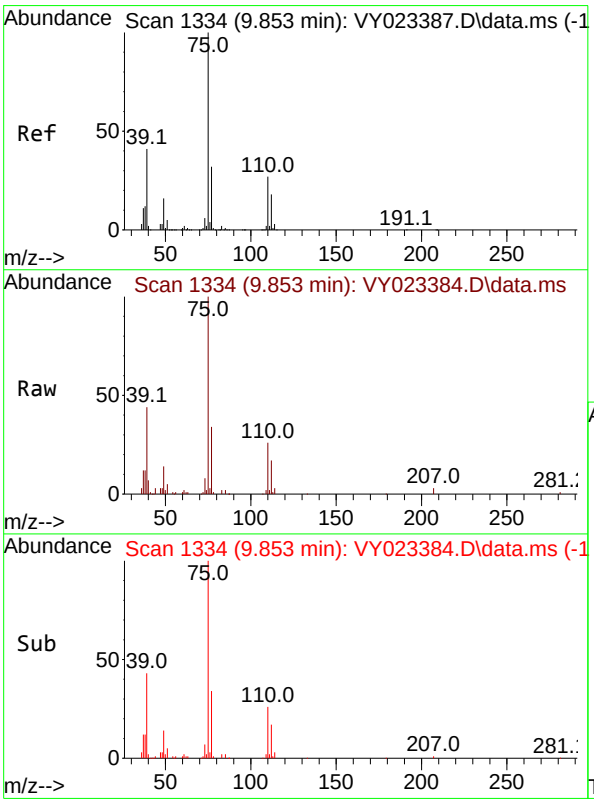
#53
t-1,3-Dichloropropene
Concen: 4.491 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 31477

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

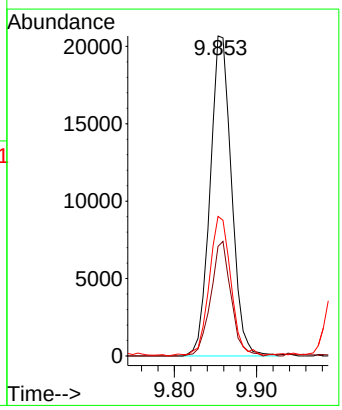


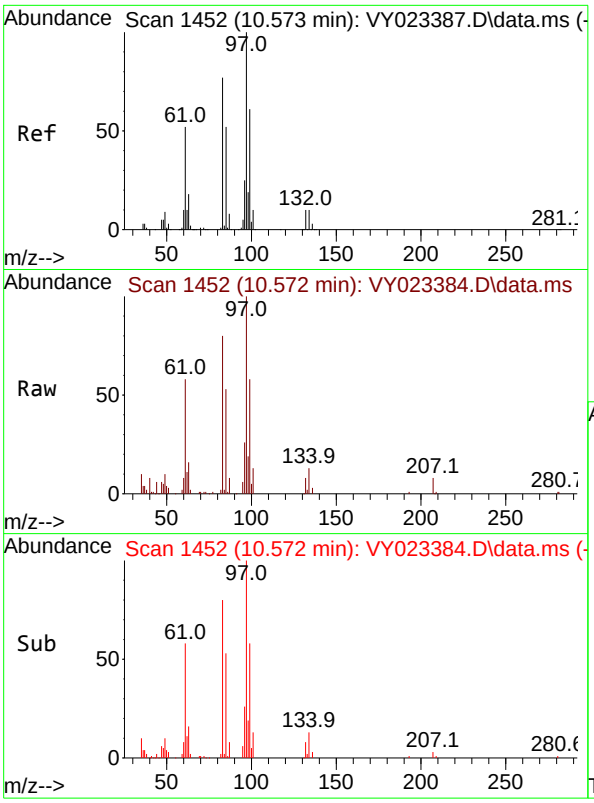


#54
cis-1,3-Dichloropropene
Concen: 4.463 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 37392

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.4	38.0
39	43.0	32.8	49.2



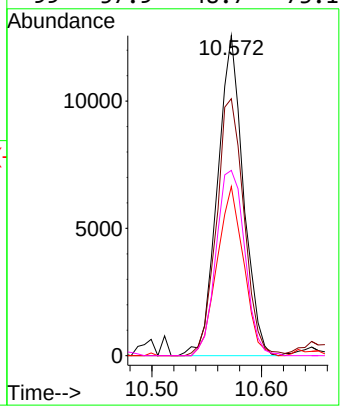


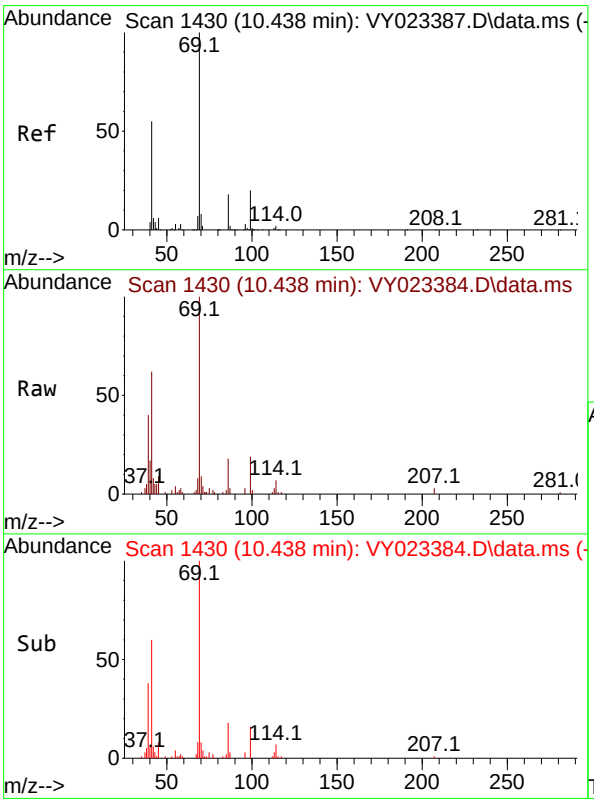
#55
1,1,2-Trichloroethane
Concen: 4.786 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 20641

Ion	Ratio	Lower	Upper
97	100		
83	80.3	61.8	92.6
85	52.8	41.3	61.9
99	57.9	48.7	73.1

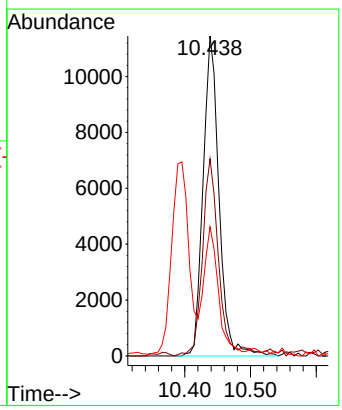


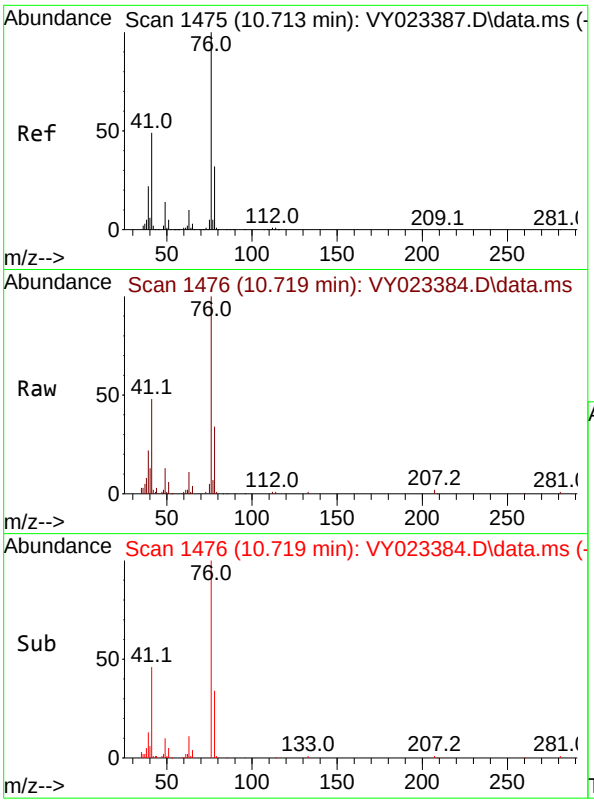


#56
Ethyl methacrylate
Concen: 3.891 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 69 Resp: 19324

Ion	Ratio	Lower	Upper
69	100		
41	60.6	44.6	67.0
39	36.2	27.0	40.4



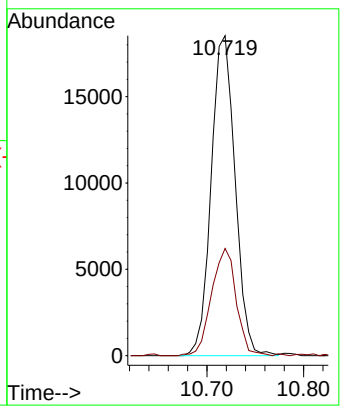


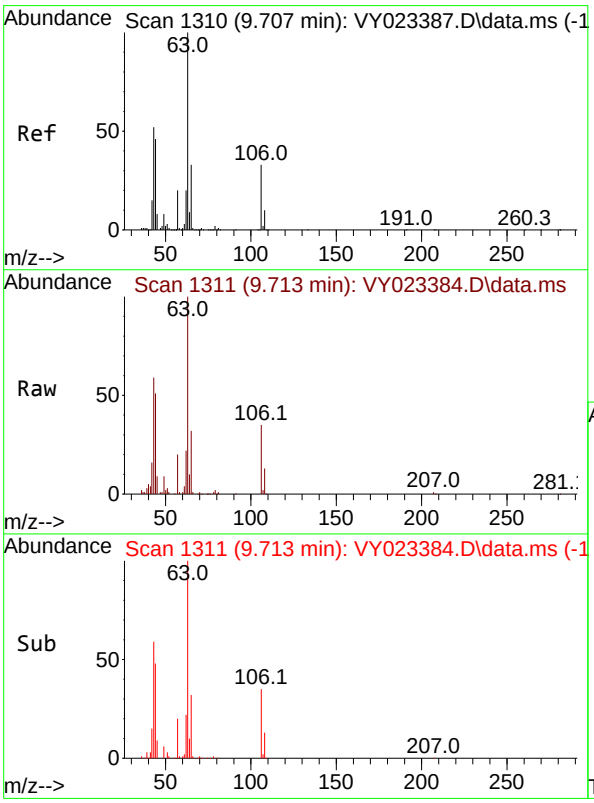
#57
1,3-Dichloropropane
Concen: 4.560 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 31831

Ion	Ratio	Lower	Upper
76	100		
78	34.4	25.9	38.9

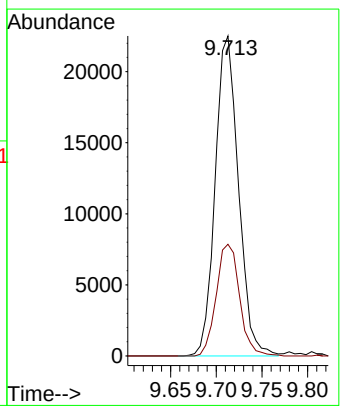


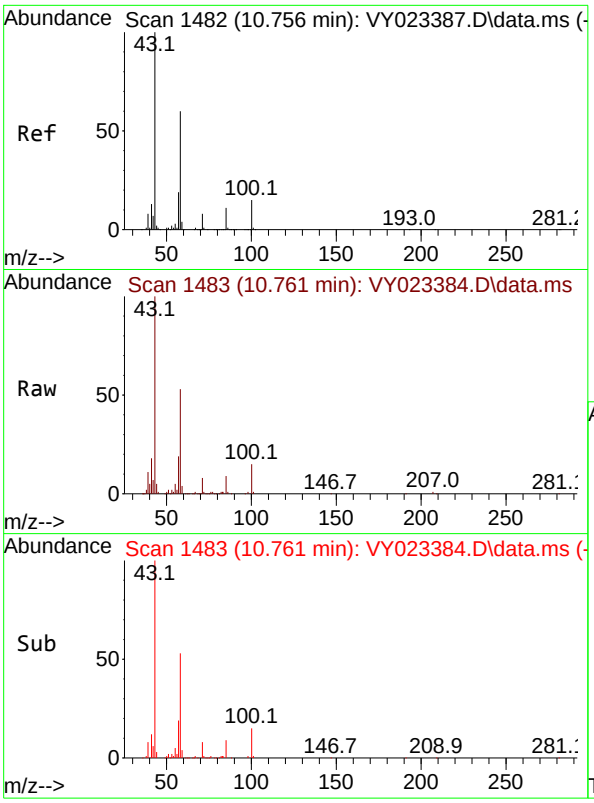


#58
2-Chloroethyl Vinyl ether
Concen: 18.384 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 63 Resp: 39945

Ion	Ratio	Lower	Upper
63	100		
106	35.0	26.6	39.8



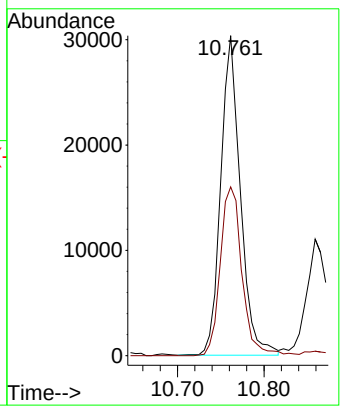


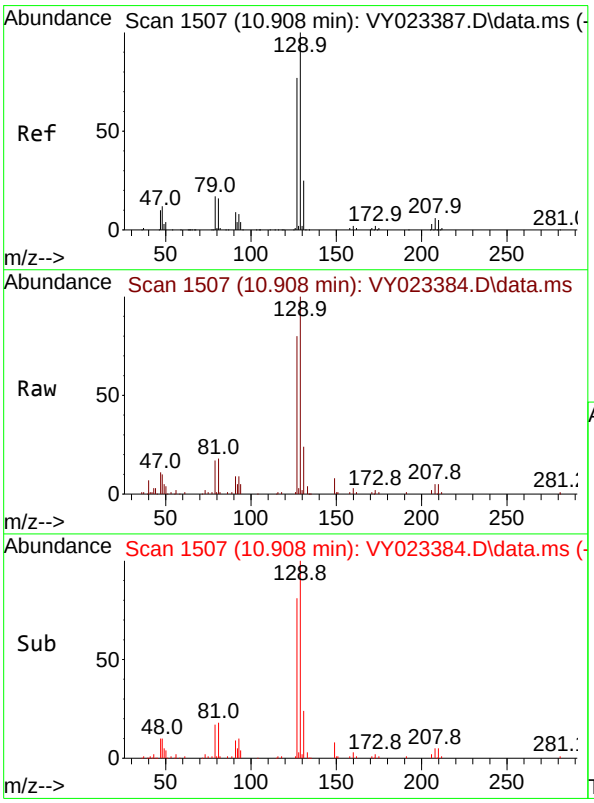
#59
2-Hexanone
Concen: 23.185 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 47778

Ion	Ratio	Lower	Upper
43	100		
58	58.4	30.5	91.5

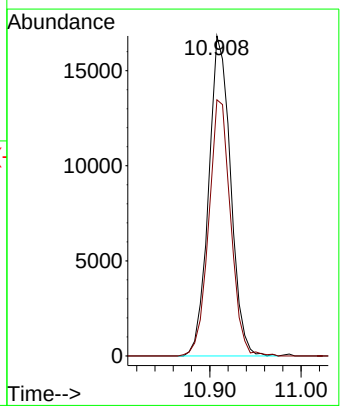


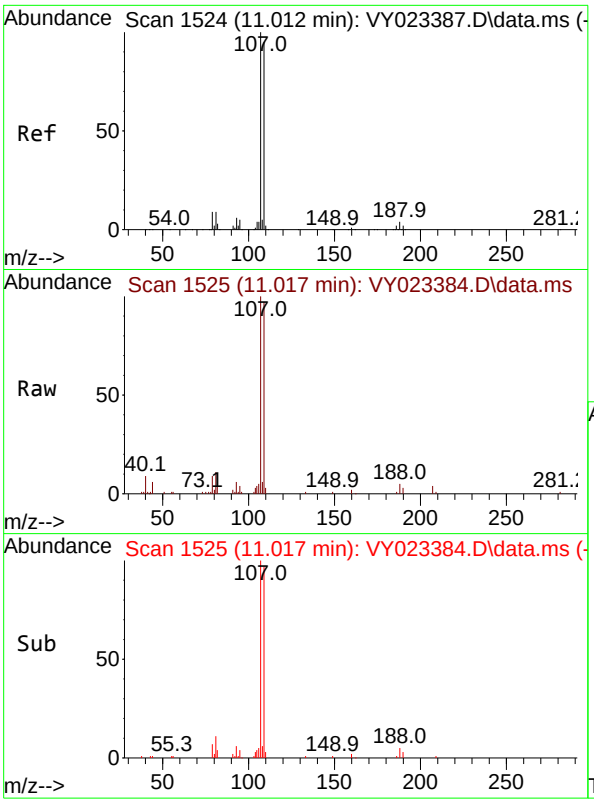


#60
Dibromochloromethane
Concen: 4.783 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:129 Resp: 28135

Ion	Ratio	Lower	Upper
129	100		
127	79.7	38.6	115.7



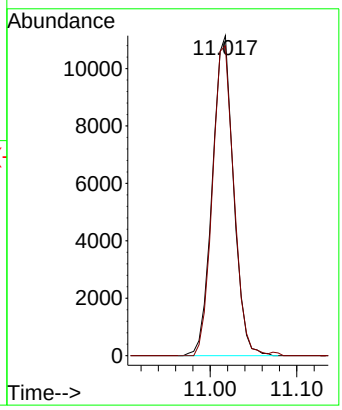


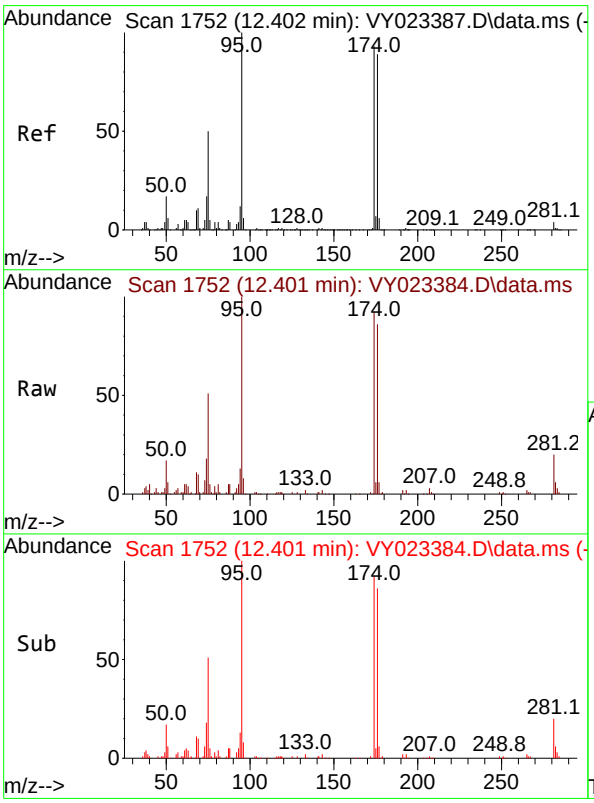
#61
1,2-Dibromoethane
Concen: 4.673 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 18957

Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.1	114.1

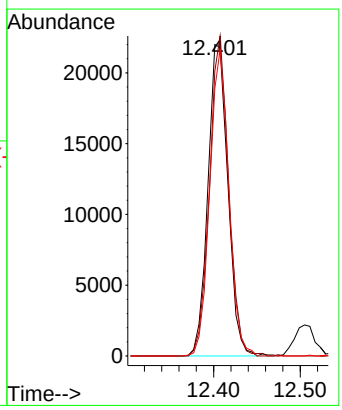


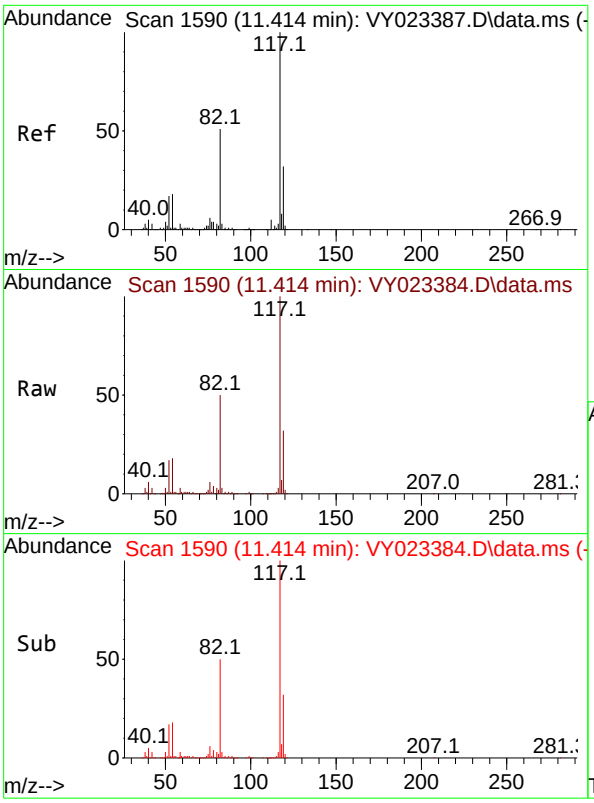


#62
4-Bromofluorobenzene
Concen: 5.548 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 95 Resp: 35355

Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	192.8
176	94.0	0.0	187.6



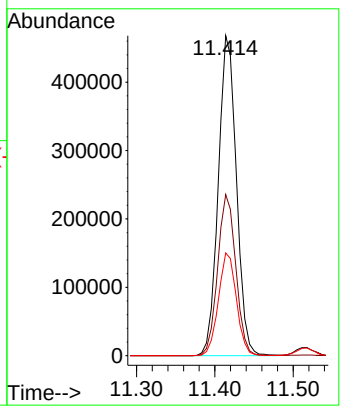


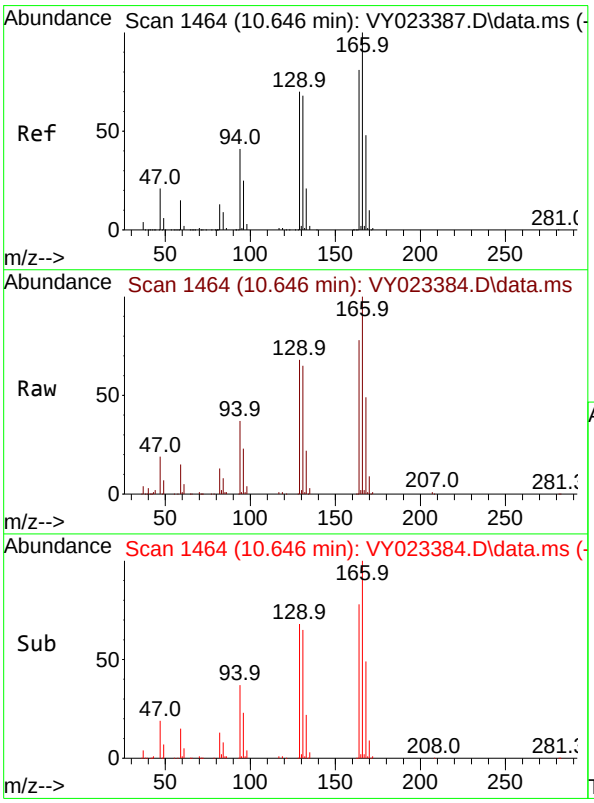
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 753398

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	32.1	25.6	38.4

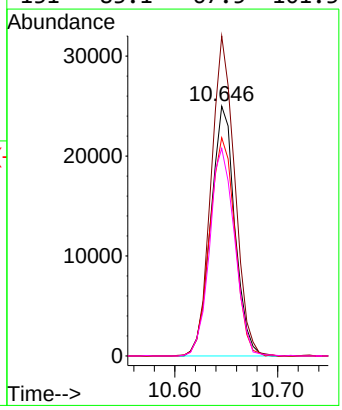


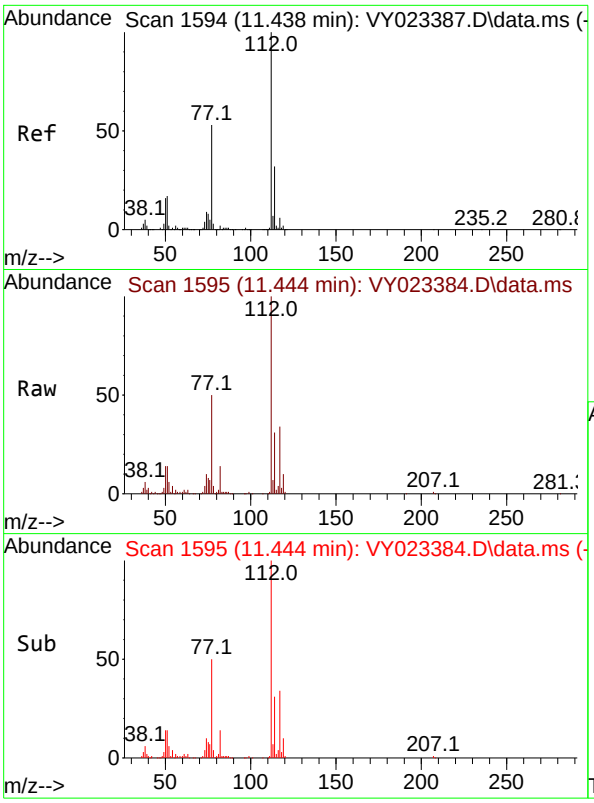


#64
Tetrachloroethene
Concen: 5.383 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:164 Resp: 40570

Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	87.4	69.4	104.2
131	83.1	67.5	101.3



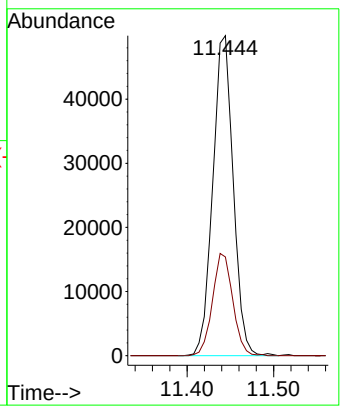


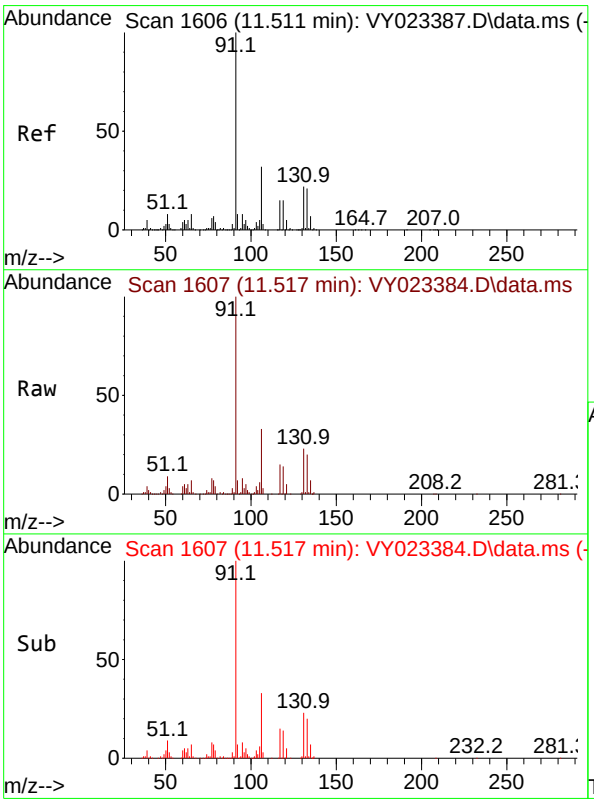
#65
Chlorobenzene
Concen: 4.997 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 81802

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.6	38.4

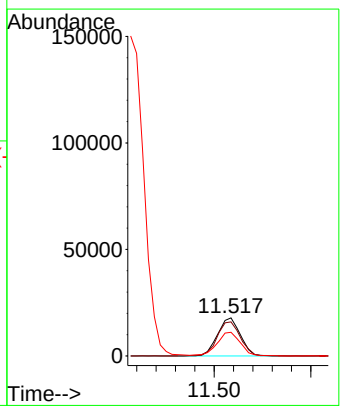


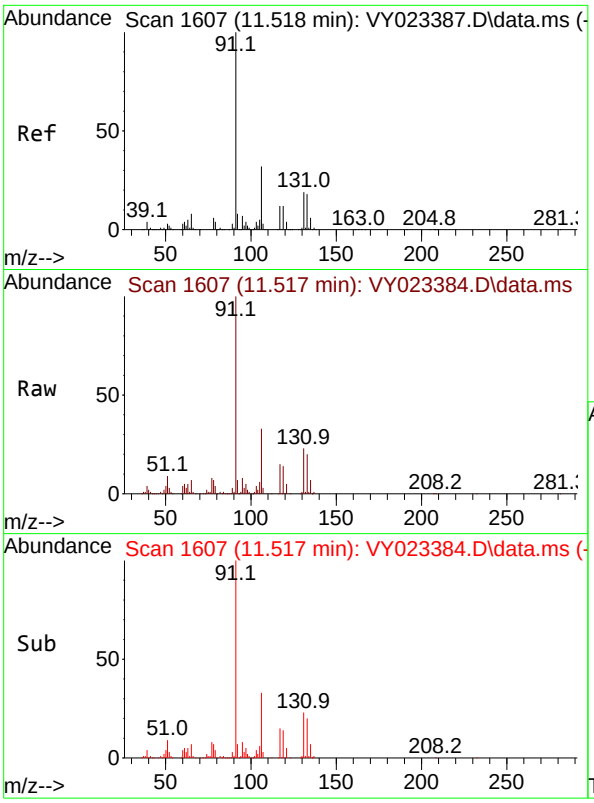


#66
1,1,1,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:131 Resp: 29222

Ion	Ratio	Lower	Upper
131	100		
133	91.7	48.4	145.2
119	64.1	32.4	97.2



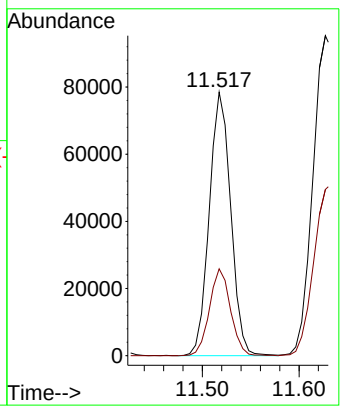


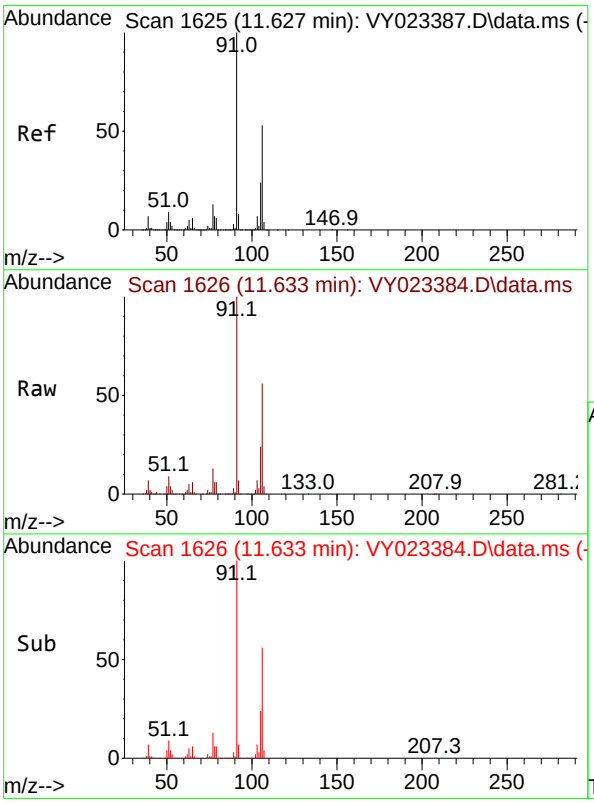
#67
Ethyl Benzene
Concen: 4.529 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 121005

Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.8	38.8

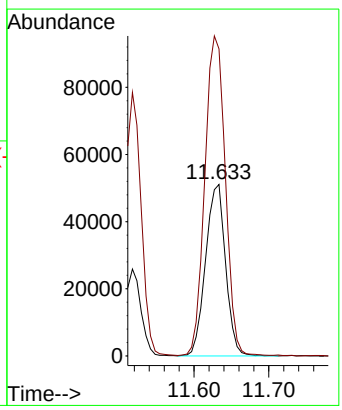


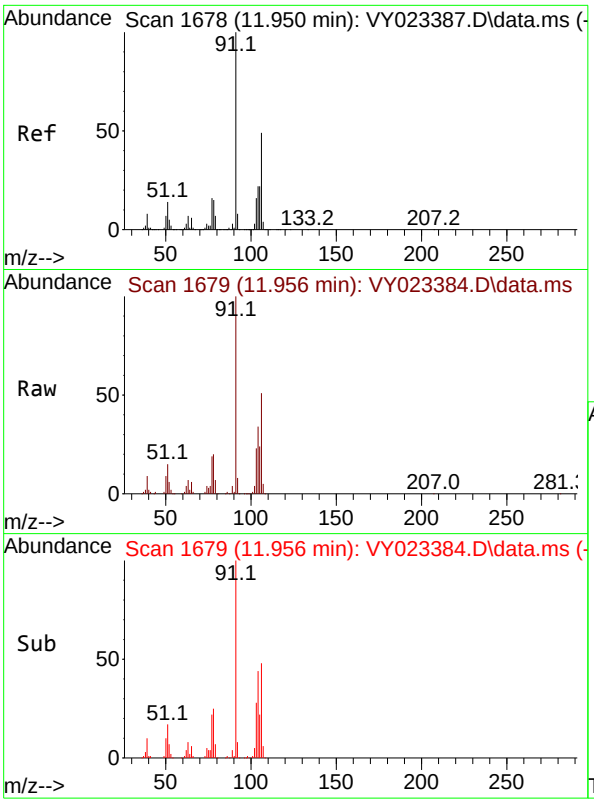


#68
m/p-Xylenes
Concen: 8.887 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:106 Resp: 95176

Ion	Ratio	Lower	Upper
106	100		
91	190.5	152.6	229.0



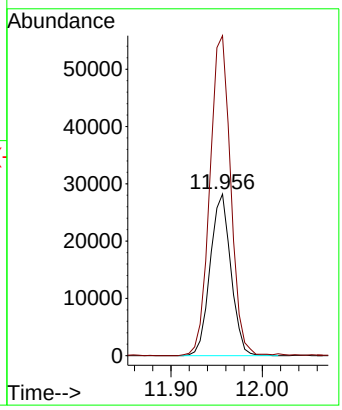


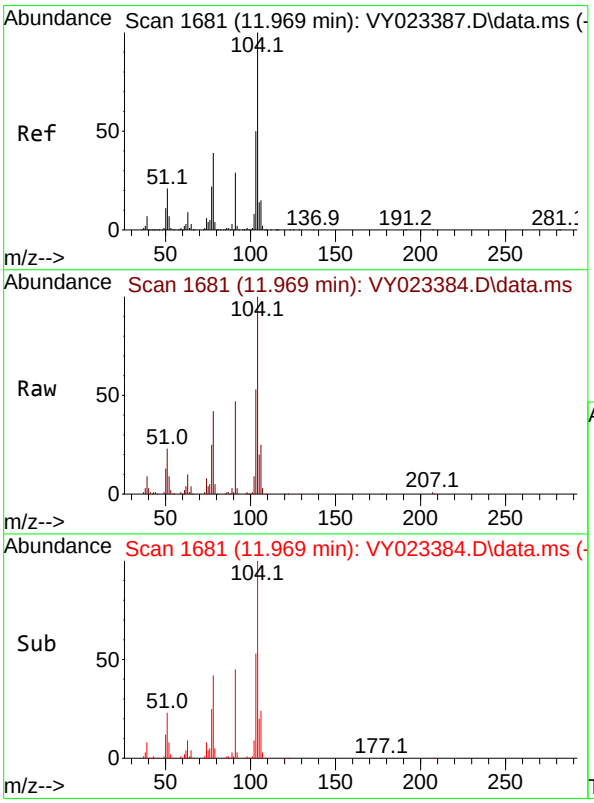
#69
o-Xylene
Concen: 4.466 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 44280

Ion	Ratio	Lower	Upper
106	100		
91	199.7	101.4	304.1

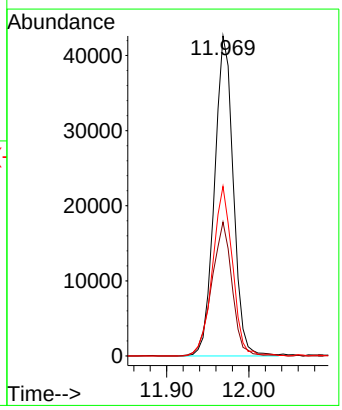


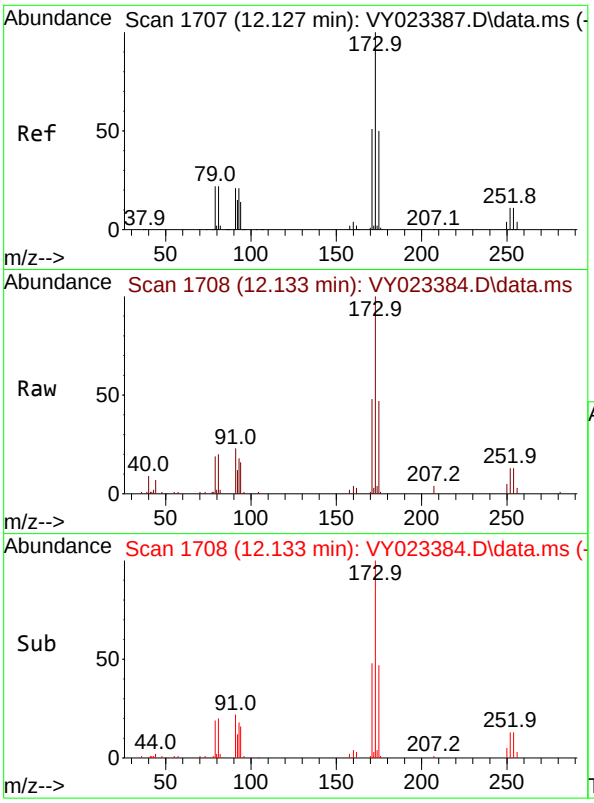


#70
Styrene
Concen: 4.152 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:104 Resp: 67960

Ion	Ratio	Lower	Upper
104	100		
78	45.1	36.1	54.1
103	55.9	43.2	64.8



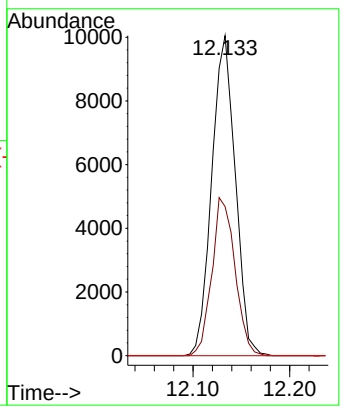


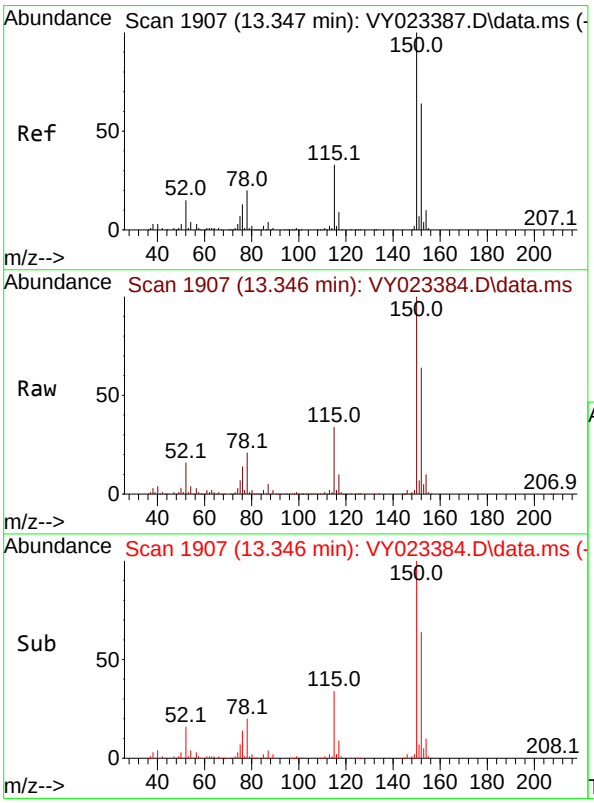
#71
Bromoform
Concen: 4.929 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 16988

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.8	74.3
254	0.0	0.1	0.1#

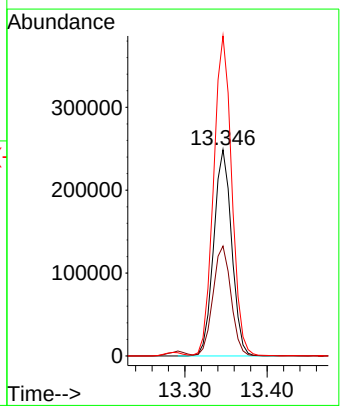


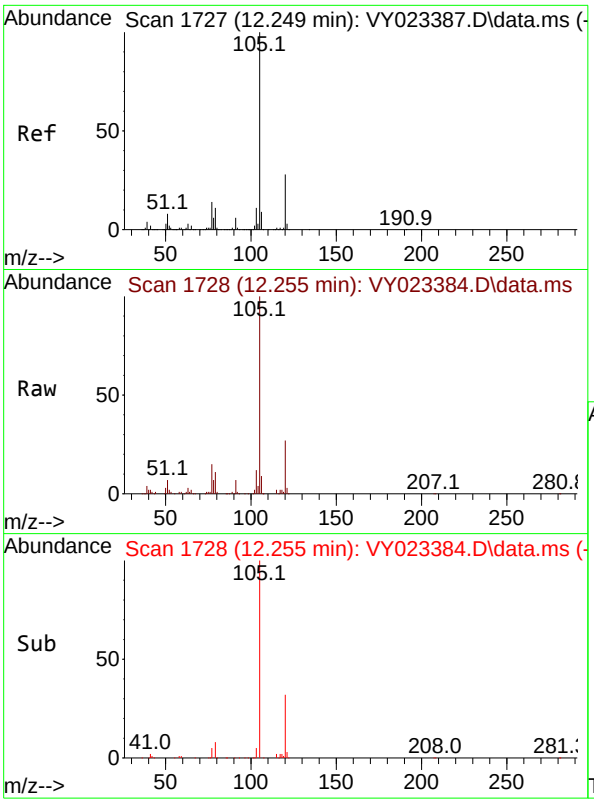


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:152 Resp: 378104

Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.1	81.2
150	156.6	0.0	347.4



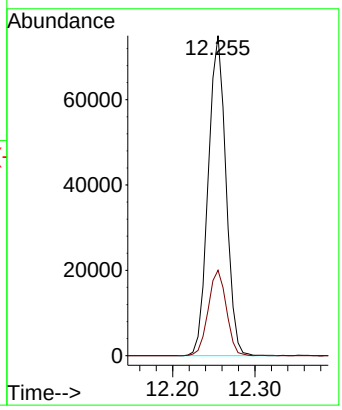


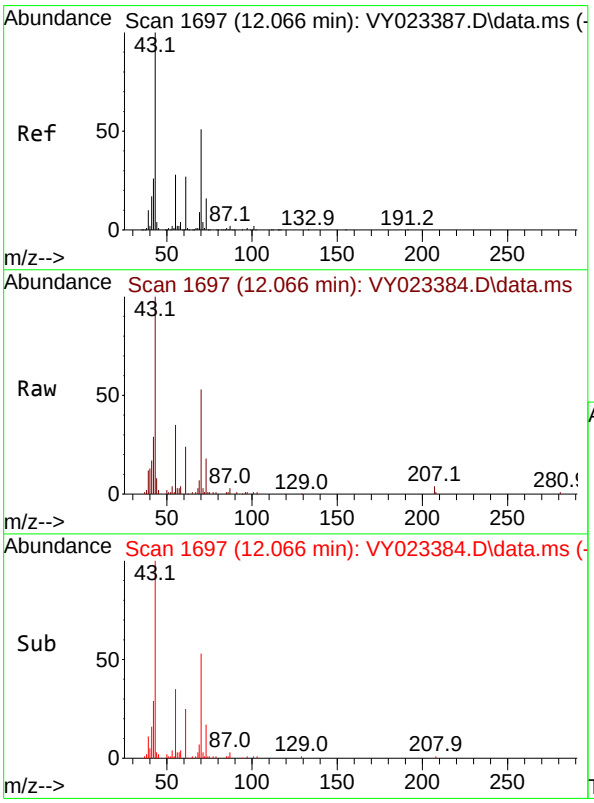
#73
Isopropylbenzene
Concen: 4.455 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 112194

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.7

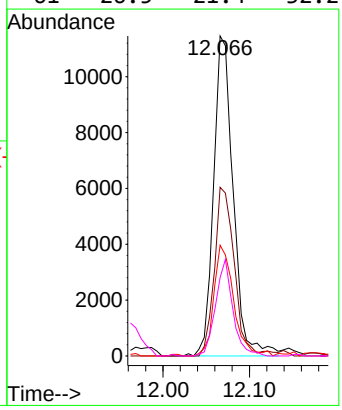


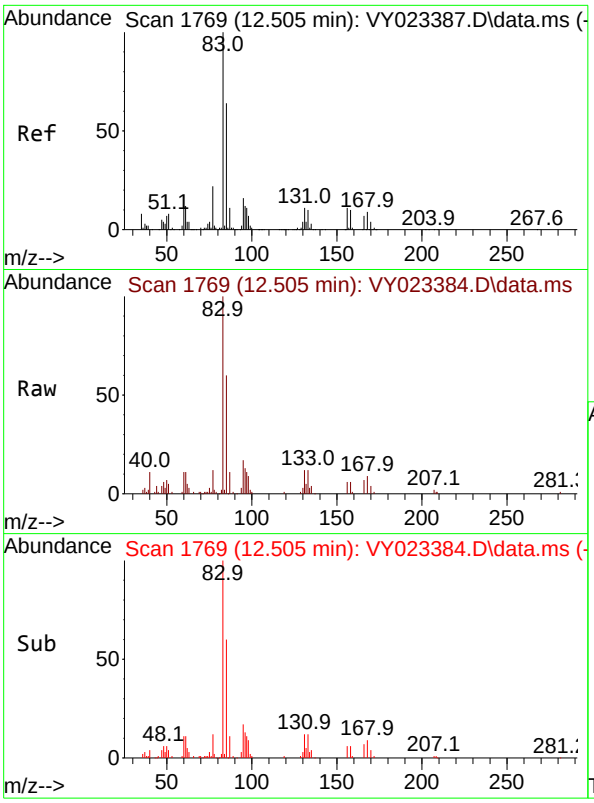


#74
N-amyl acetate
Concen: 3.833 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 43 Resp: 18041

Ion	Ratio	Lower	Upper
43	100		
70	53.0	41.1	61.7
55	35.3	23.0	34.6#
61	26.5	21.4	32.2



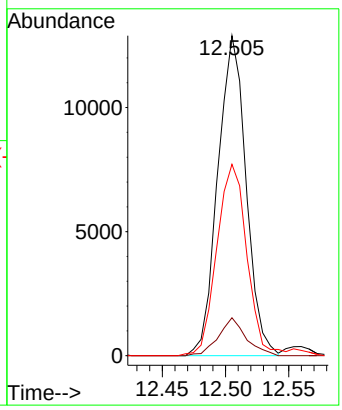


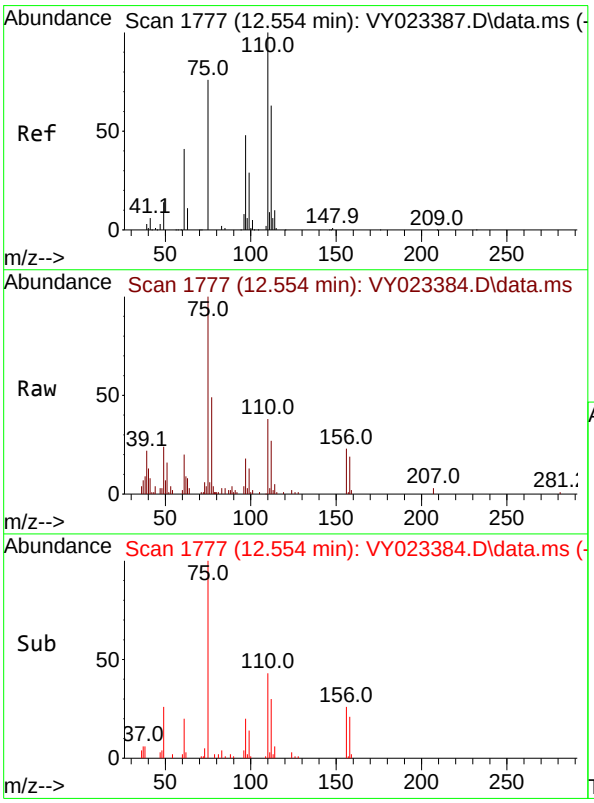
#75
1,1,2,2-Tetrachloroethane
Concen: 4.773 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20052

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.6
85	63.4	31.8	95.3

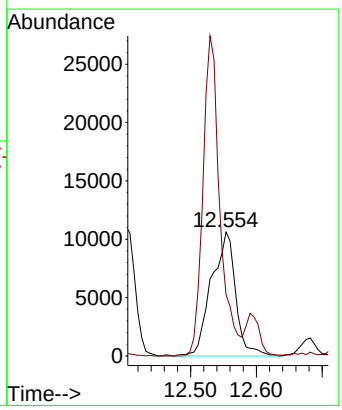


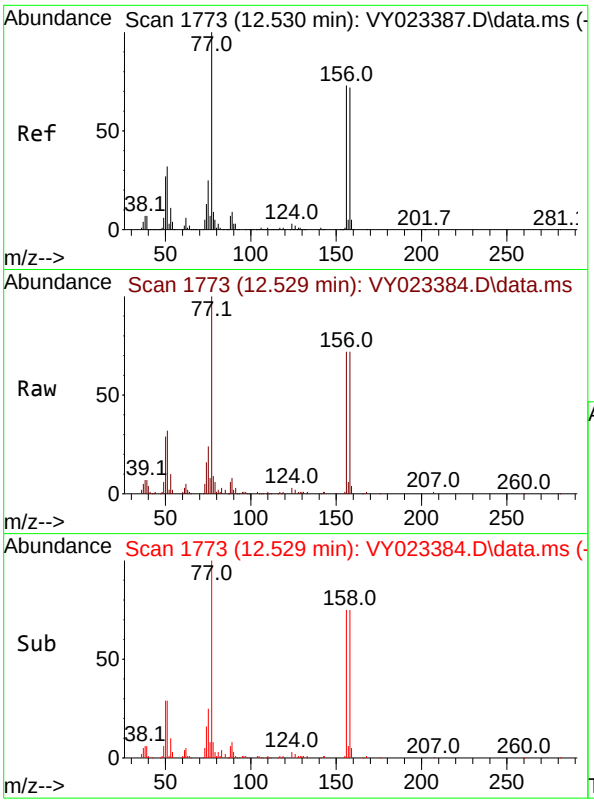


#76
1,2,3-Trichloropropane
Concen: 7.257 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 27066

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



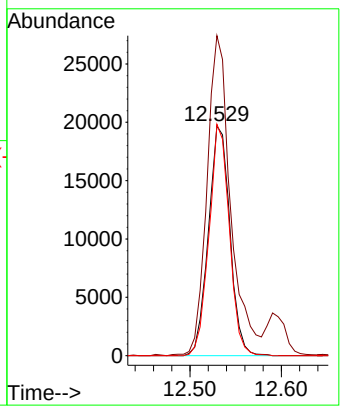


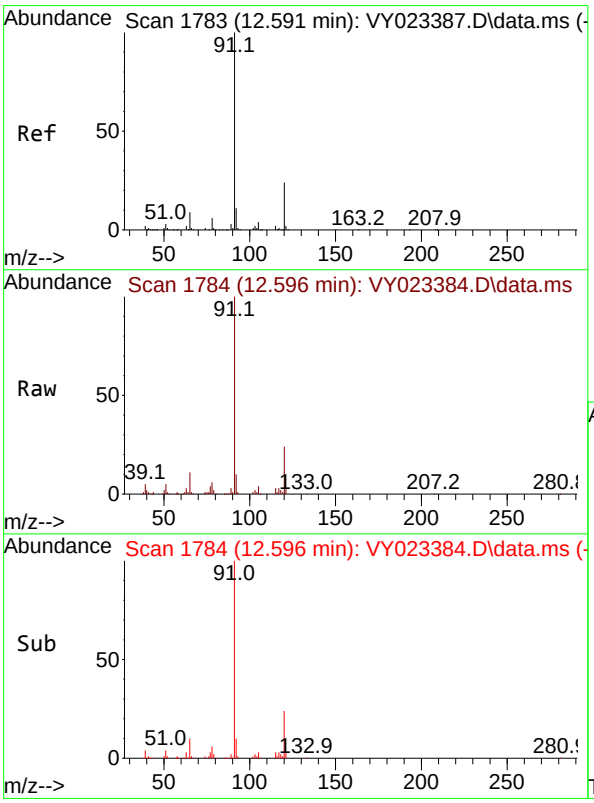
#77
Bromobenzene
Concen: 4.967 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 32106

Ion	Ratio	Lower	Upper
156	100		
77	154.2	76.8	230.5
158	95.0	49.0	147.2

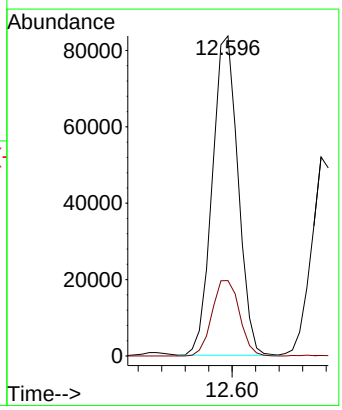


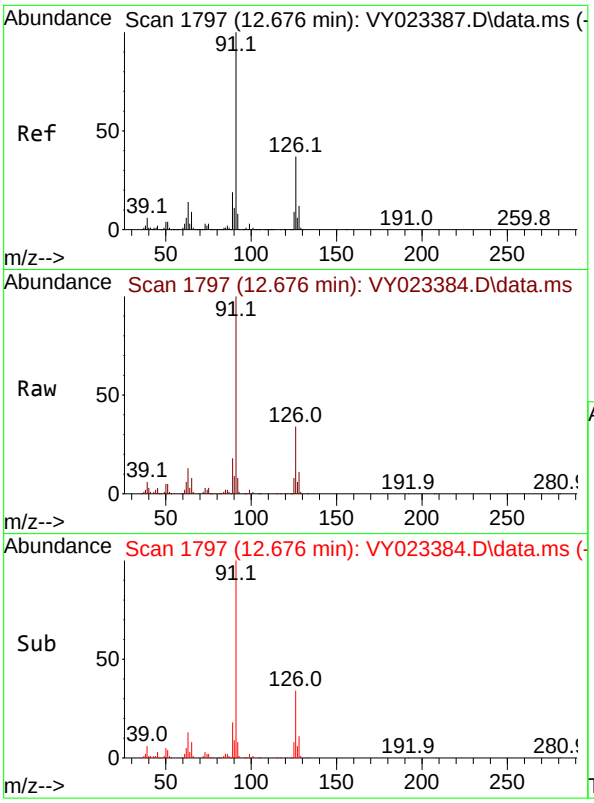


#78
n-propylbenzene
Concen: 4.305 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 127521

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8



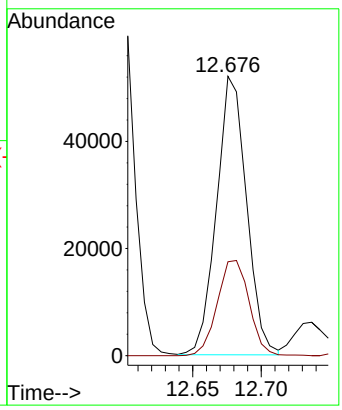


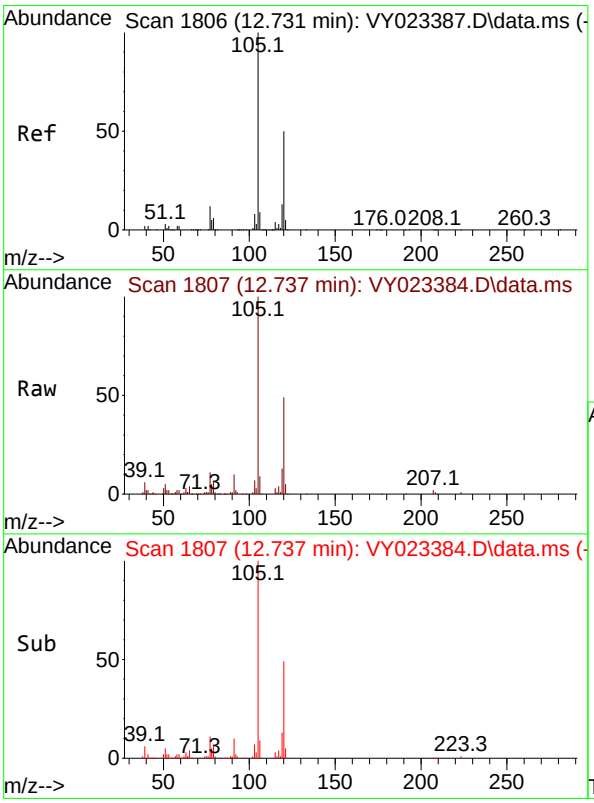
#79
2-Chlorotoluene
Concen: 4.631 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 79199

Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5

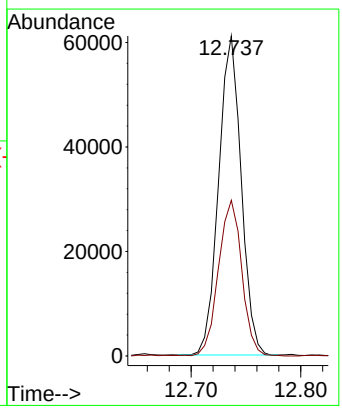


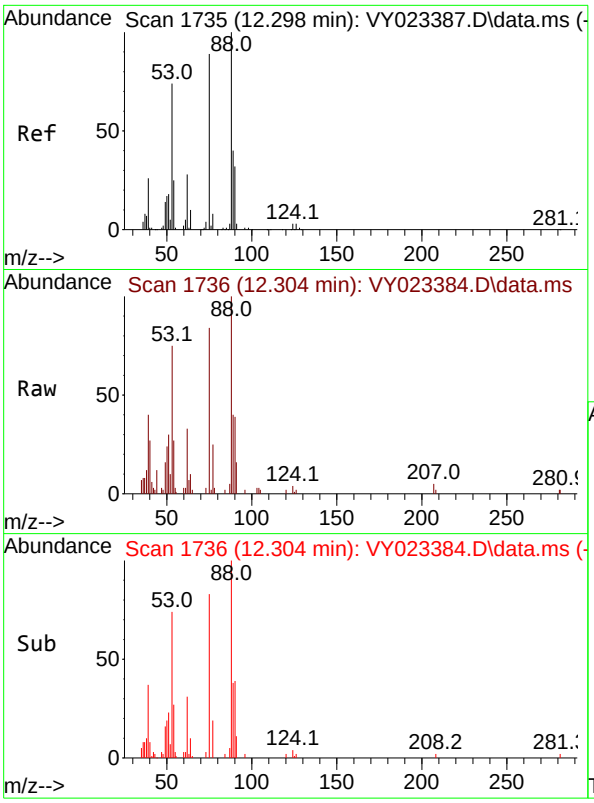


#80
1,3,5-Trimethylbenzene
Concen: 4.264 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 87297

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.4	76.4



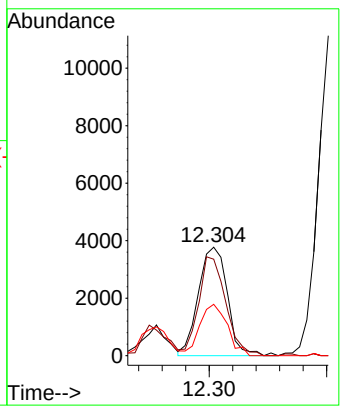


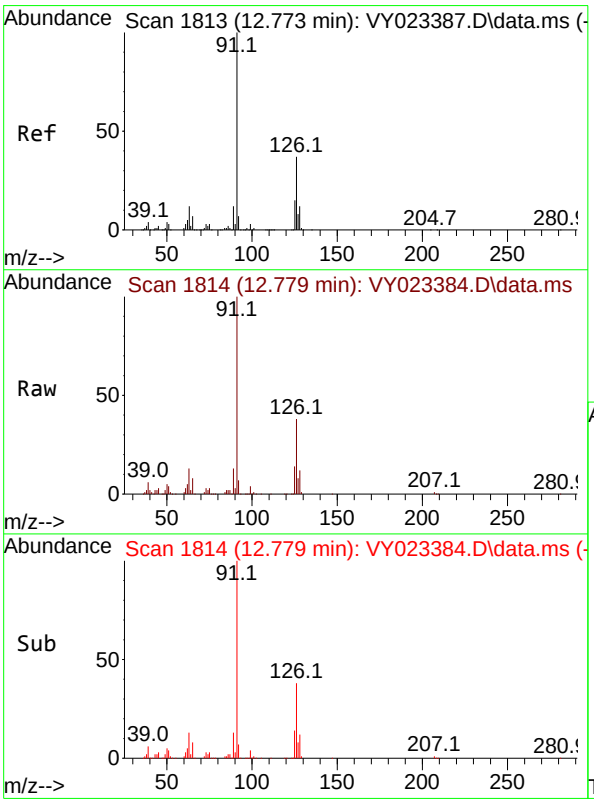
#81
trans-1,4-Dichloro-2-butene
Concen: 4.680 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 6474

Ion	Ratio	Lower	Upper
75	100		
53	85.6	68.6	102.8
89	44.4	39.0	58.4

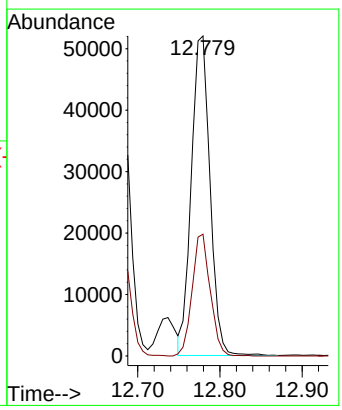


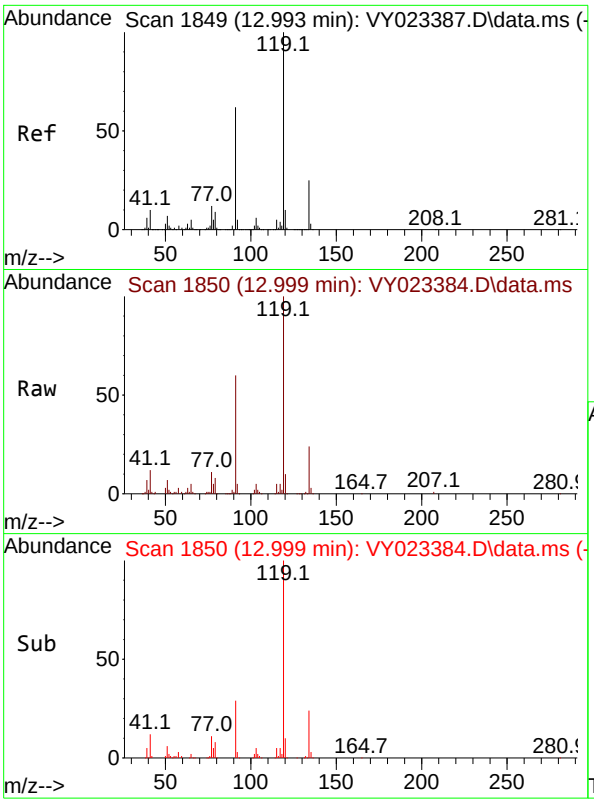


#82
4-Chlorotoluene
Concen: 4.600 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 91 Resp: 82155

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.4	55.4



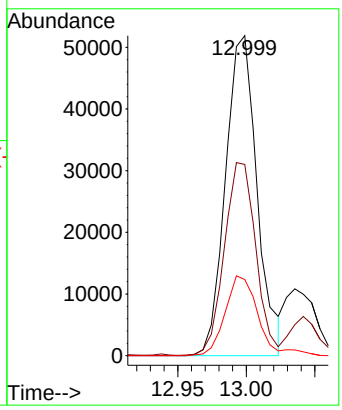


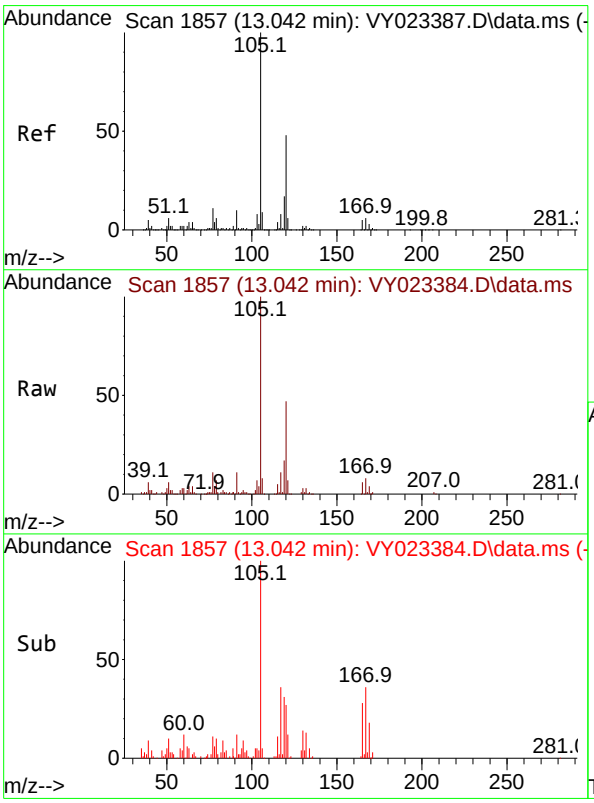
#83
tert-Butylbenzene
Concen: 4.457 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 83151

Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.9	89.8
134	26.2	12.9	38.7

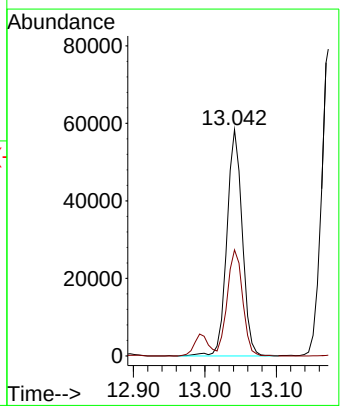


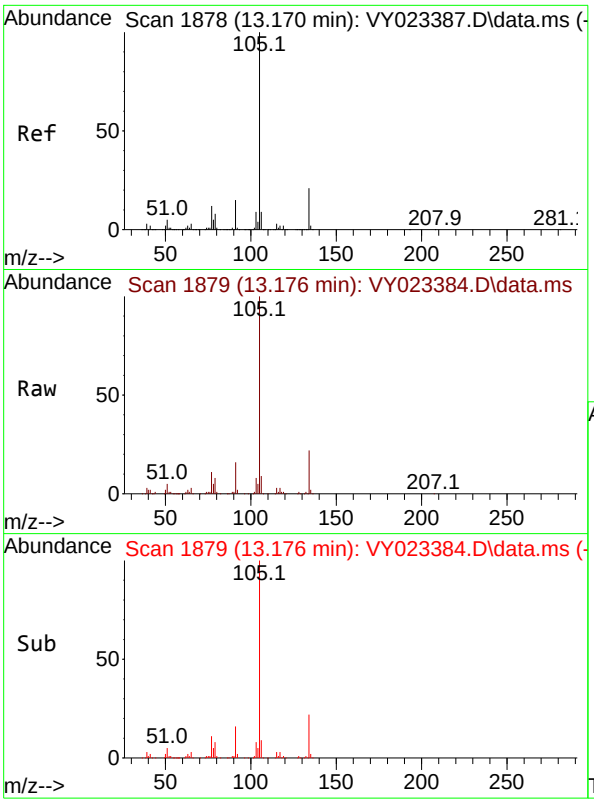


#84
1,2,4-Trimethylbenzene
Concen: 4.294 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:105 Resp: 86988

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.2



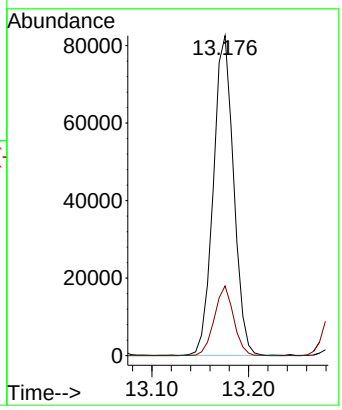


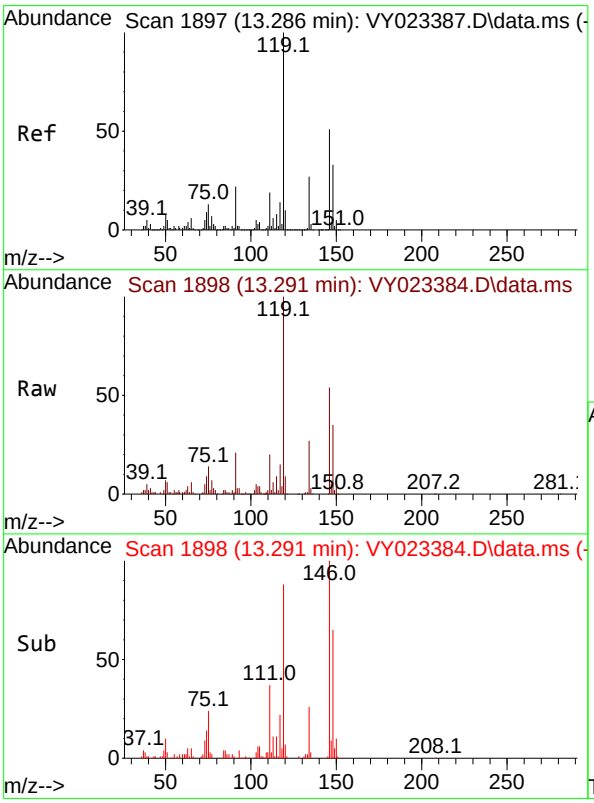
#85
sec-Butylbenzene
Concen: 4.443 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 120061

Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.7	32.1

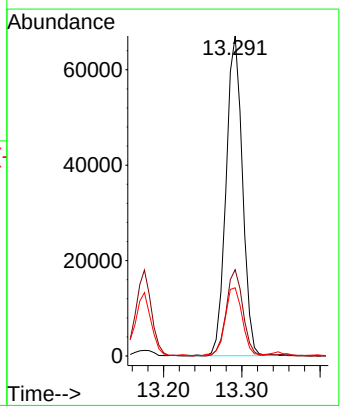


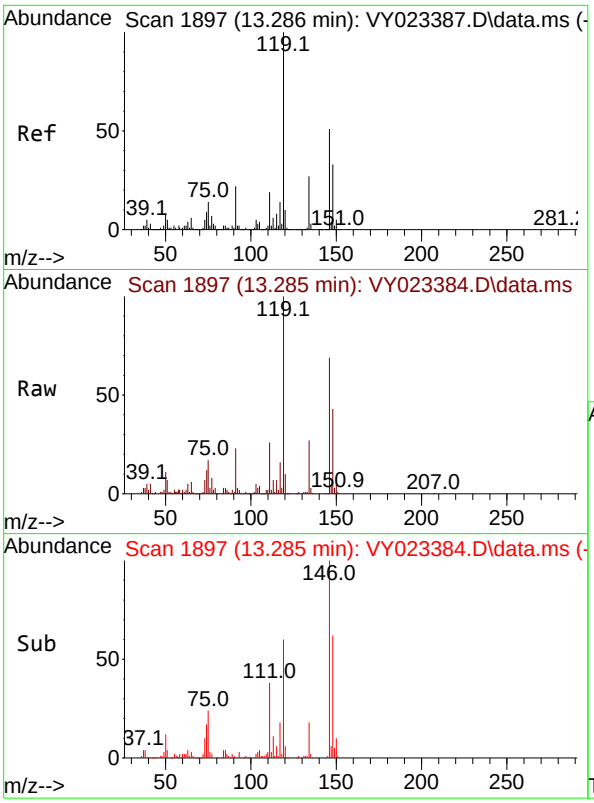


#86
p-Isopropyltoluene
Concen: 4.264 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:119 Resp: 97377

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.6	40.7
91	22.7	10.9	32.9



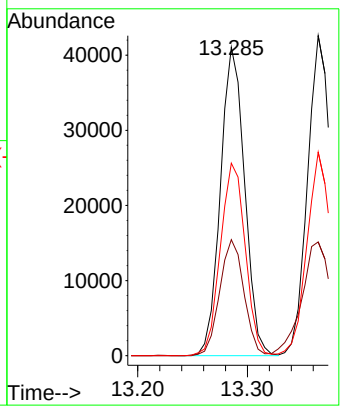


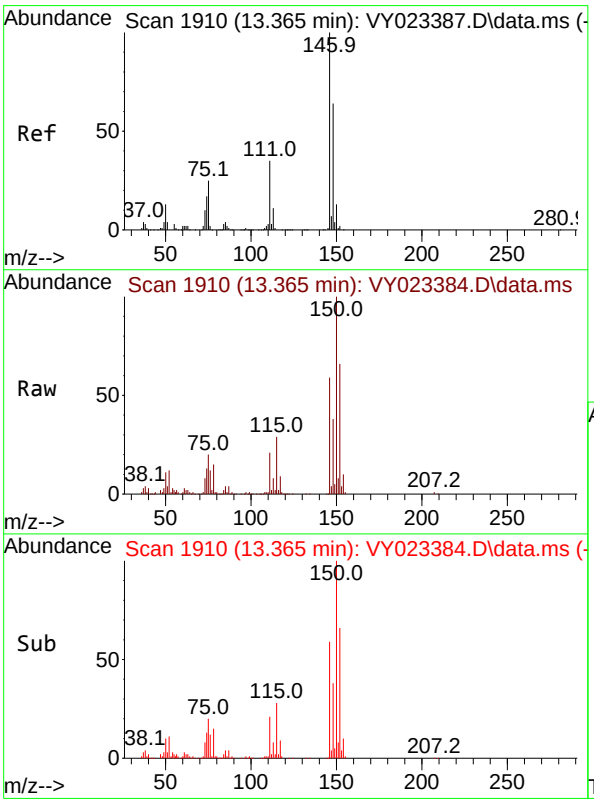
#87
1,3-Dichlorobenzene
Concen: 4.936 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 63027

Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.1	31.9	95.9

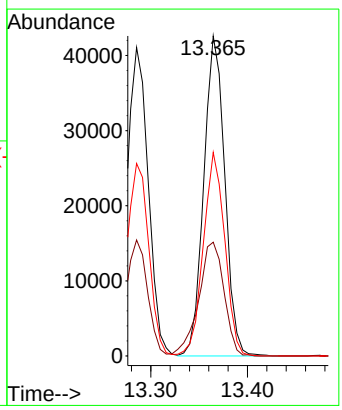


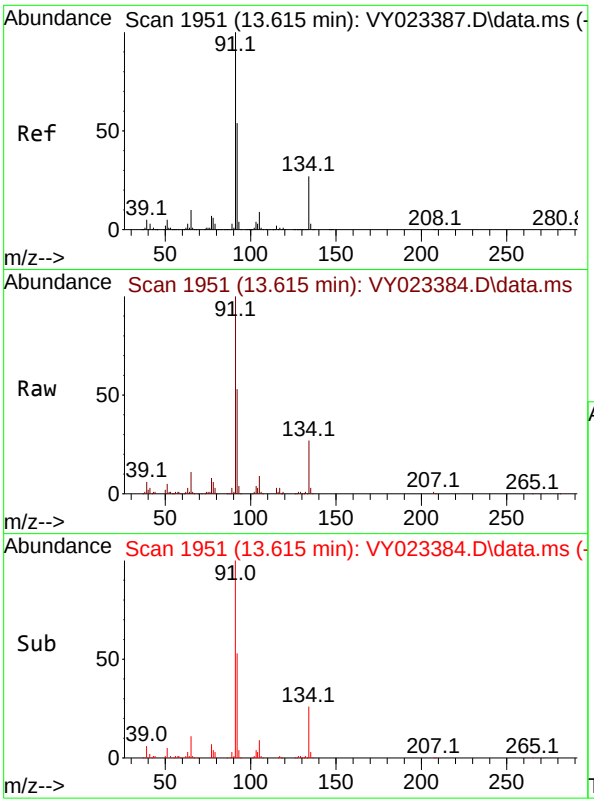


#88
1,4-Dichlorobenzene
Concen: 5.085 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:146 Resp: 64389

Ion	Ratio	Lower	Upper
146	100		
111	43.0	18.0	54.0
148	65.1	31.9	95.7



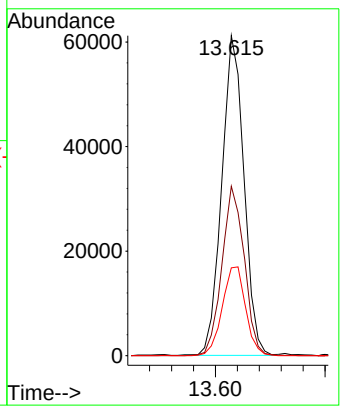


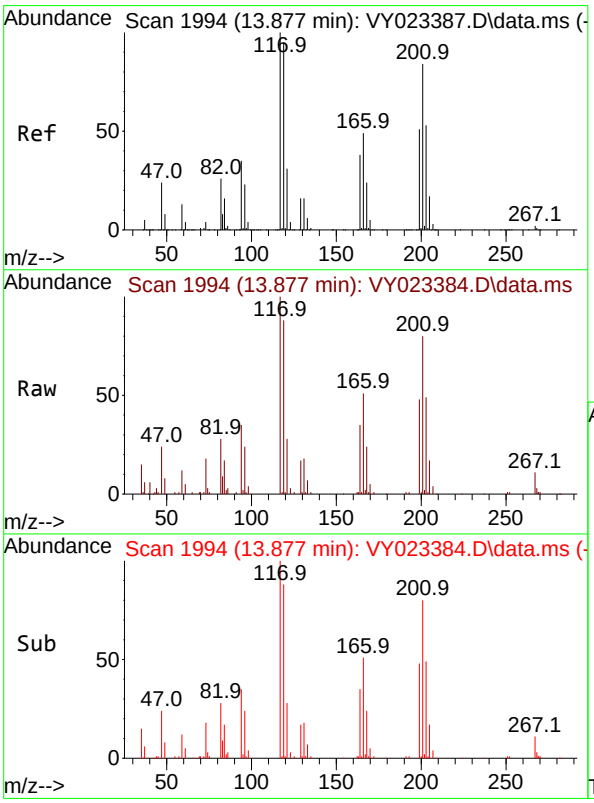
#89
n-Butylbenzene
Concen: 4.274 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 86179

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	29.2	14.1	42.2

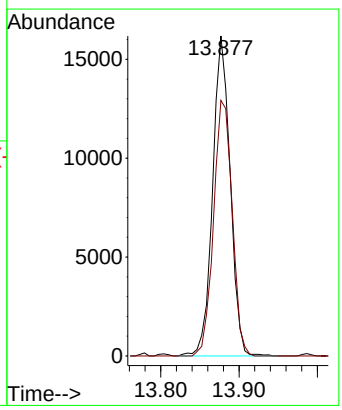


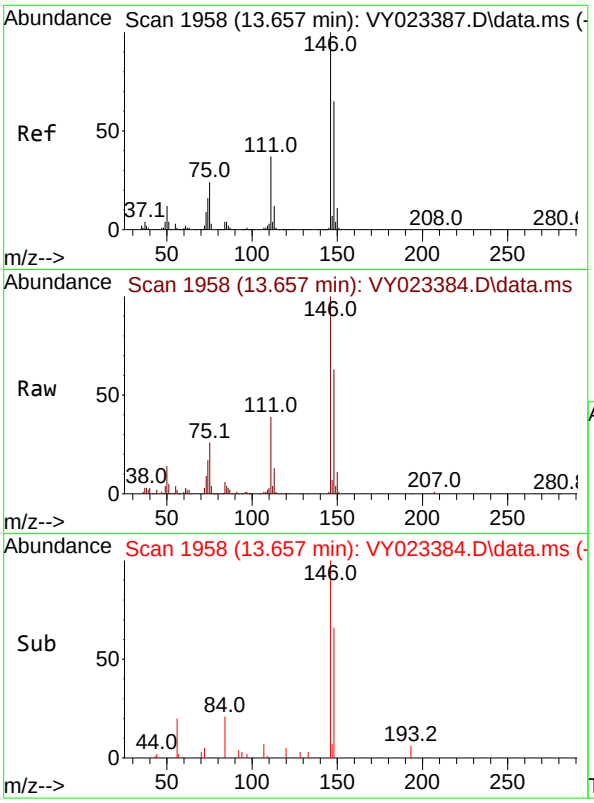


#90
Hexachloroethane
Concen: 5.084 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:117 Resp: 25204

Ion	Ratio	Lower	Upper
117	100		
201	84.7	43.8	131.4



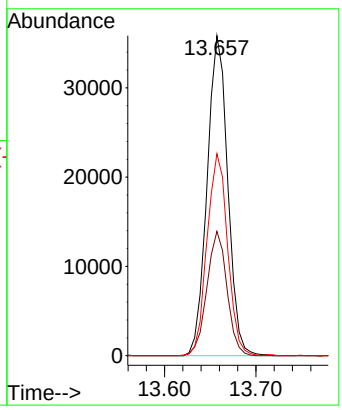


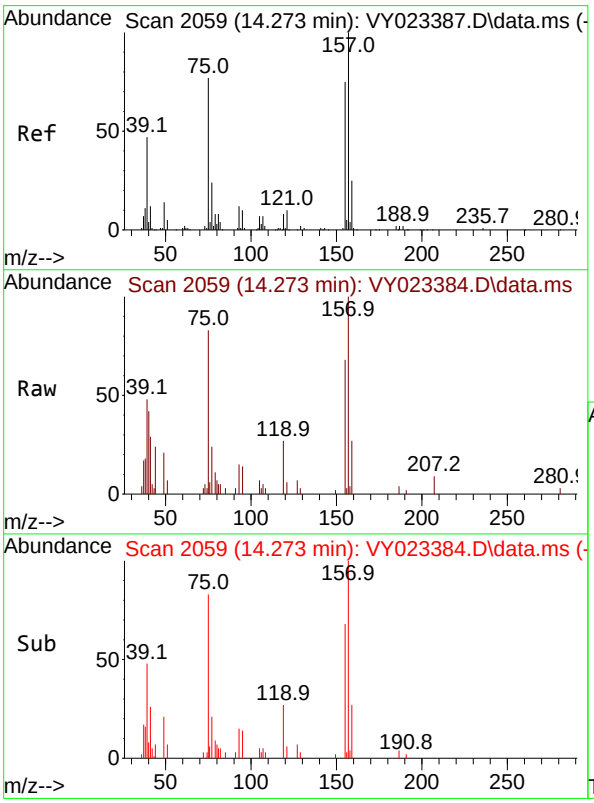
#91
1,2-Dichlorobenzene
Concen: 5.041 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 56167

Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	63.0	32.1	96.3

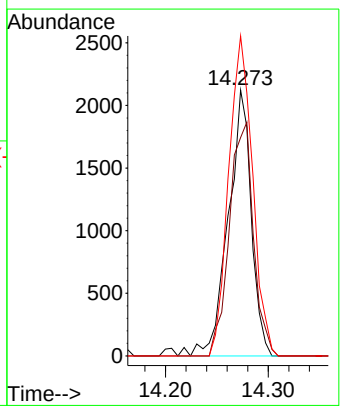


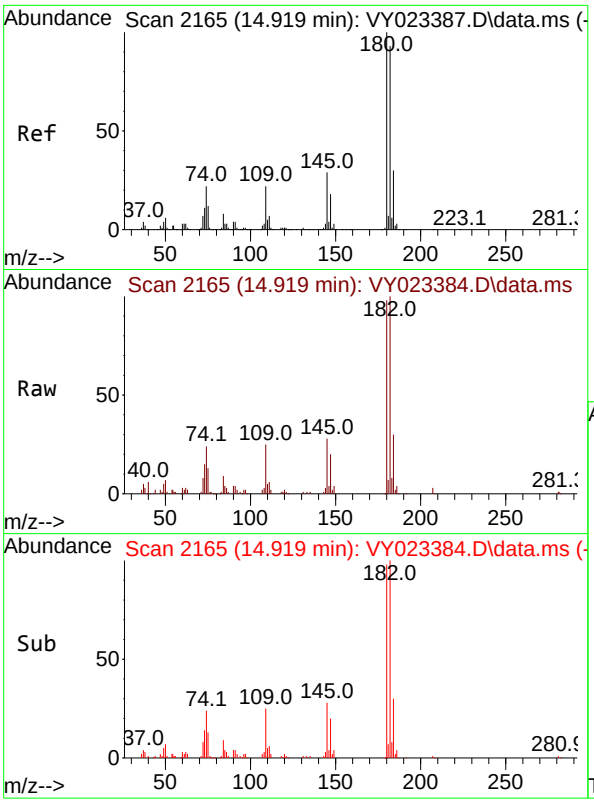


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.964 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion: 75 Resp: 3305

Ion	Ratio	Lower	Upper
75	100		
155	91.7	50.0	150.0
157	124.4	63.8	191.5



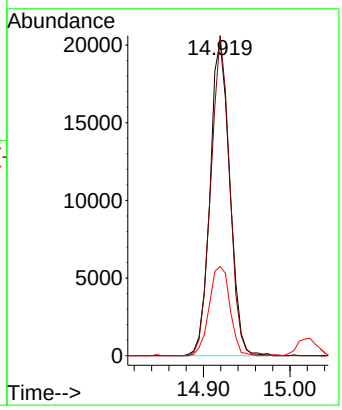


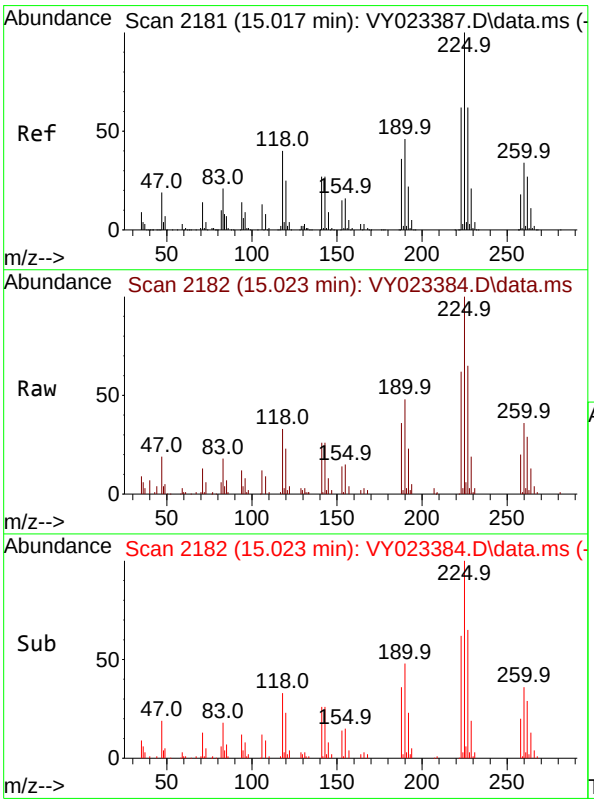
#93
1,2,4-Trichlorobenzene
Concen: 4.875 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 32000

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.6
145	29.9	14.7	44.1

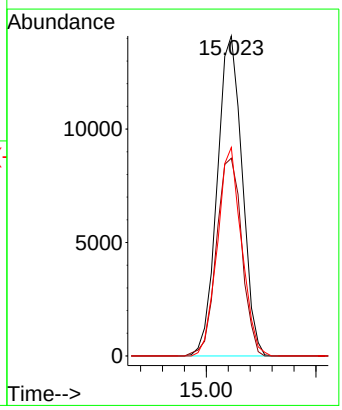


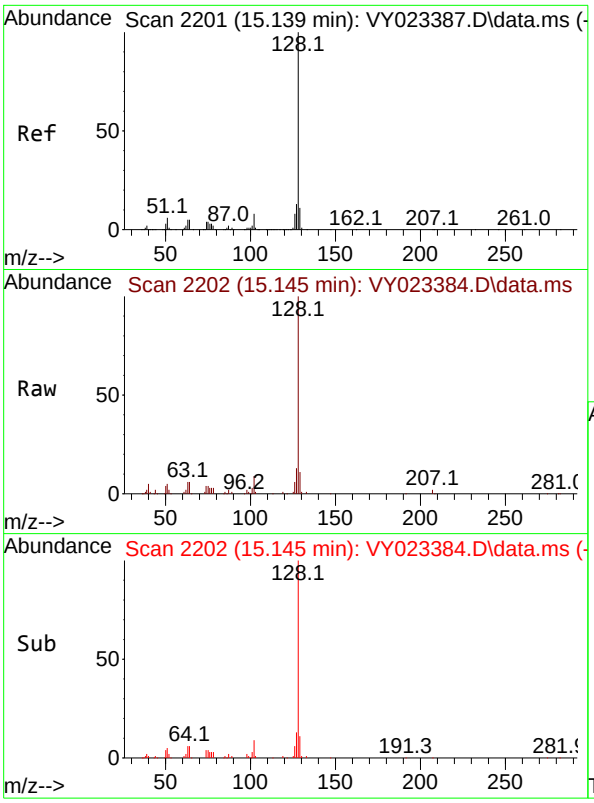


#94
Hexachlorobutadiene
Concen: 5.456 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:225 Resp: 22316

Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.3
227	63.1	31.9	95.7



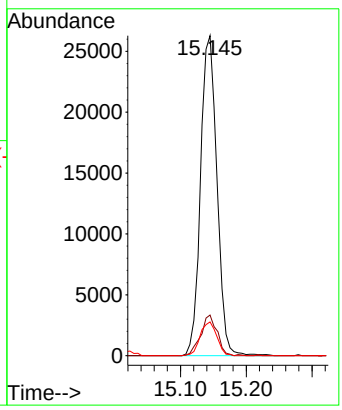


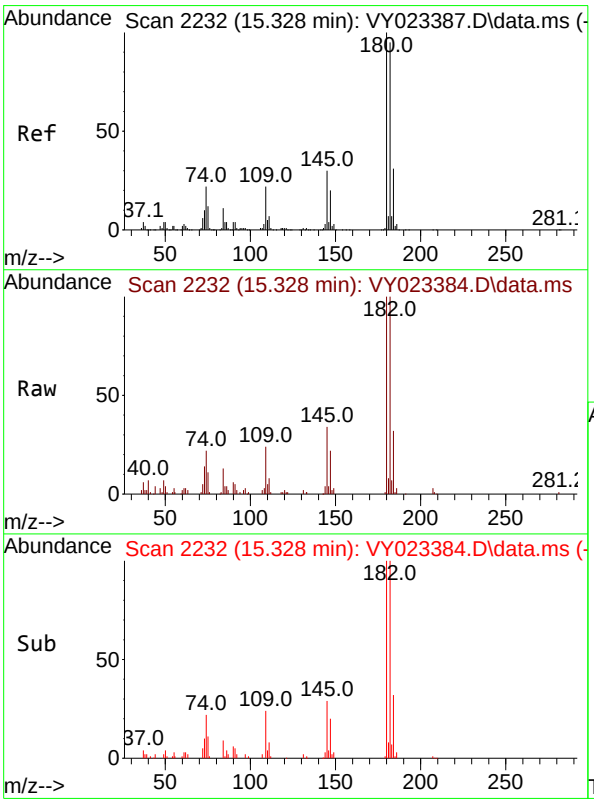
#95
Naphthalene
Concen: 4.360 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 45598

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.7	8.9	13.3

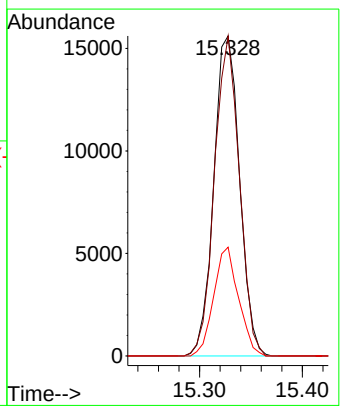




#96
1,2,3-Trichlorobenzene
Concen: 4.772 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023384.D
Acq: 07 Oct 2025 09:17

Tgt Ion:180 Resp: 27176

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	32.7	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	559828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	847077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48826	10.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.140%#		
35) Dibromofluoromethane	7.634	113	53279	10.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.720%#		
50) Toluene-d8	10.109	98	198242	10.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.460%#		
62) 4-Bromofluorobenzene	12.401	95	62601	10.235	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44666	10.129	ug/l	97
3) Chloromethane	2.068	50	62413	9.957	ug/l	97
4) Vinyl Chloride	2.202	62	76587	9.676	ug/l	99
5) Bromomethane	2.592	94	66689	10.271	ug/l	90
6) Chloroethane	2.732	64	51757	9.632	ug/l	92
7) Trichlorofluoromethane	3.055	101	102972	10.128	ug/l	99
8) Diethyl Ether	3.458	74	26719	10.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	54405	10.011	ug/l	99
10) Methyl Iodide	4.007	142	56313	8.967	ug/l	99
11) Tert butyl alcohol	4.854	59	20540	71.998	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	53191	10.173	ug/l	98
13) Acrolein	3.653	56	24014	49.681	ug/l	94
14) Allyl chloride	4.385	41	62154	9.494	ug/l	99
15) Acrylonitrile	5.061	53	51937	49.854	ug/l	99
16) Acetone	3.872	43	65410	59.997	ug/l	94
17) Carbon Disulfide	4.104	76	153055	9.382	ug/l	100
18) Methyl Acetate	4.391	43	29725	10.728	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	120347	9.830	ug/l	100
20) Methylene Chloride	4.616	84	71034	12.016	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	56465	9.710	ug/l	97
22) Diisopropyl ether	6.024	45	138589	9.547	ug/l	98
23) Vinyl Acetate	5.963	43	361478	45.300	ug/l	99
24) 1,1-Dichloroethane	5.915	63	93512	9.772	ug/l	98
25) 2-Butanone	6.890	43	75171	55.784	ug/l	92
26) 2,2-Dichloropropane	6.890	77	86325	10.153	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	65335	9.905	ug/l	99
28) Bromochloromethane	7.244	49	36132	9.733	ug/l	99
29) Tetrahydrofuran	7.262	42	38990	48.749	ug/l	99
30) Chloroform	7.421	83	102058	9.890	ug/l	99
31) Cyclohexane	7.701	56	80245	9.495	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	91186	9.844	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69913	9.639	ug/l	99
37) Ethyl Acetate	6.988	43	27388	9.551	ug/l	96
38) Carbon Tetrachloride	7.817	117	84799	10.065	ug/l	99
39) Methylcyclohexane	9.109	83	82275	8.860	ug/l	95
40) Benzene	8.079	78	220629	9.758	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	14344	9.632	ug/l	#	92
42) 1,2-Dichloroethane	8.158	62	58541	10.174	ug/l		99
43) Isopropyl Acetate	8.201	43	53042	9.510	ug/l		98
44) Trichloroethene	8.865	130	64537	10.171	ug/l		96
45) 1,2-Dichloropropane	9.140	63	49009	9.632	ug/l		100
46) Dibromomethane	9.231	93	30780	9.890	ug/l		99
47) Bromodichloromethane	9.426	83	78392	10.007	ug/l		99
48) Methyl methacrylate	9.225	41	23484	9.023	ug/l		97
49) 1,4-Dioxane	9.231	88	6822	211.693	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	134746	47.165	ug/l		99
52) Toluene	10.170	92	138662	9.661	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	64315	9.559	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	77905	9.687	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	41881	10.118	ug/l		92
56) Ethyl methacrylate	10.438	69	42096	8.830	ug/l		98
57) 1,3-Dichloropropane	10.719	76	64537	9.633	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	93842	44.994	ug/l		99
59) 2-Hexanone	10.761	43	99175	50.138	ug/l		96
60) Dibromochloromethane	10.908	129	57151	10.123	ug/l		97
61) 1,2-Dibromoethane	11.011	107	38861	9.979	ug/l		99
64) Tetrachloroethene	10.646	164	76110	10.335	ug/l		98
65) Chlorobenzene	11.438	112	161155	10.074	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	57233	10.173	ug/l		98
67) Ethyl Benzene	11.517	91	251958	9.651	ug/l		98
68) m/p-Xylenes	11.627	106	198866	19.004	ug/l		99
69) o-Xylene	11.950	106	91710	9.467	ug/l		100
70) Styrene	11.969	104	151094	9.446	ug/l		99
71) Bromoform	12.133	173	35681	10.595	ug/l	#	94
73) Isopropylbenzene	12.249	105	236489	9.467	ug/l		99
74) N-amyl acetate	12.066	43	40098	8.590	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41130	9.871	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	54844	14.827	ug/l	#	100
77) Bromobenzene	12.529	156	66002	10.295	ug/l		99
78) n-propylbenzene	12.590	91	275671	9.384	ug/l		100
79) 2-Chlorotoluene	12.676	91	165582	9.762	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	191799	9.445	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	13110	9.556	ug/l		99
82) 4-Chlorotoluene	12.773	91	169968	9.595	ug/l		100
83) tert-Butylbenzene	12.993	119	177250	9.579	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	191423	9.528	ug/l		98
85) sec-Butylbenzene	13.170	105	254134	9.483	ug/l		100
86) p-Isopropyltoluene	13.285	119	210320	9.287	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	127377	10.058	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	127757	10.172	ug/l		98
89) n-Butylbenzene	13.615	91	182116	9.107	ug/l		98
90) Hexachloroethane	13.877	117	47355	9.630	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	112325	10.165	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7005	10.608	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	65050	9.992	ug/l		98
94) Hexachlorobutadiene	15.023	225	42813	10.554	ug/l		97
95) Naphthalene	15.139	128	96092	9.264	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	56499	10.004	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

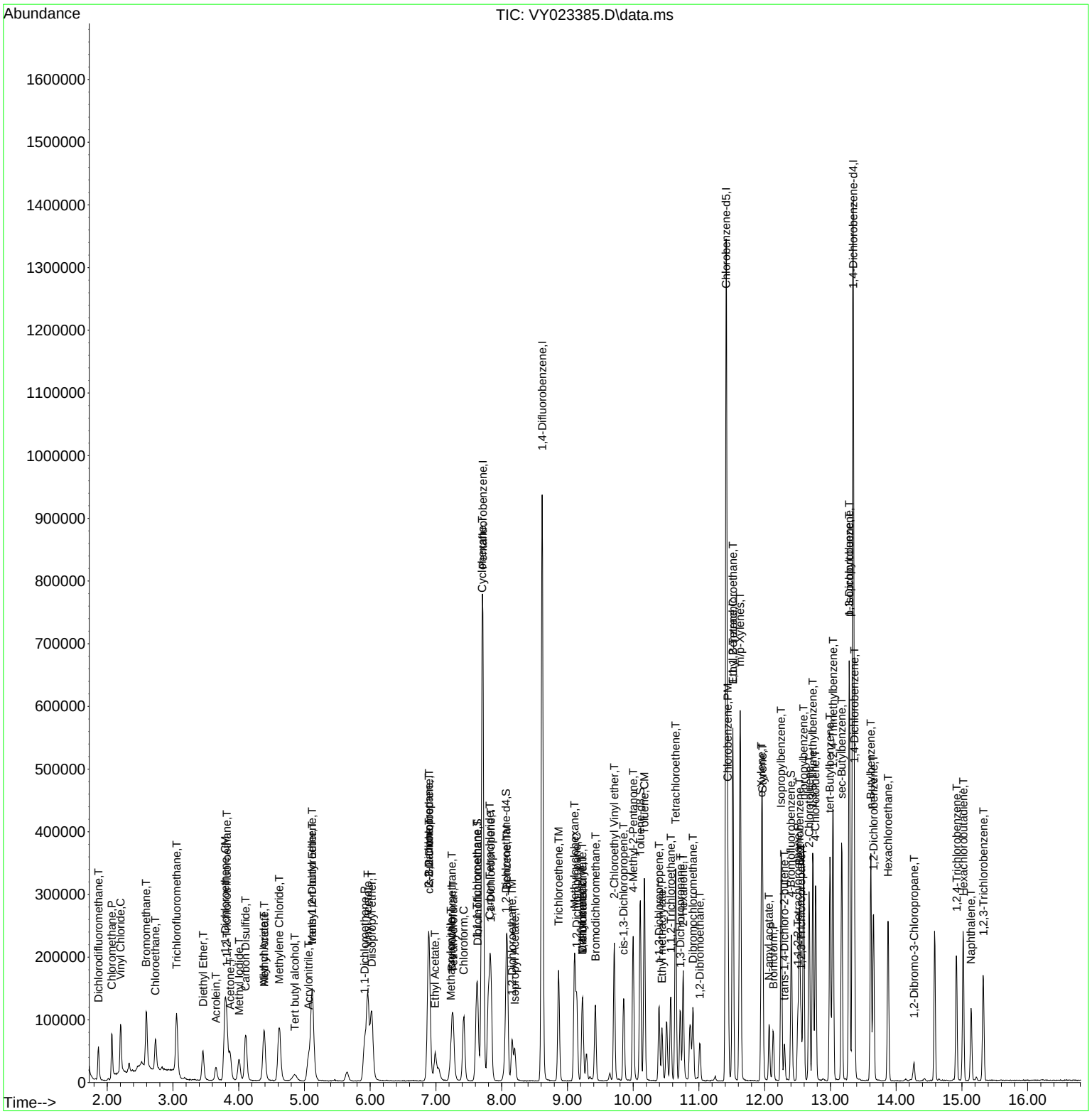
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

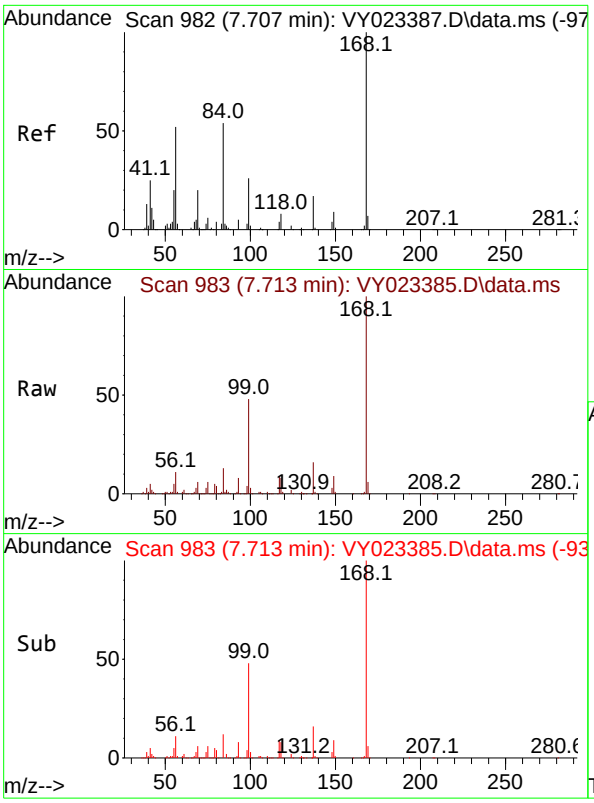
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



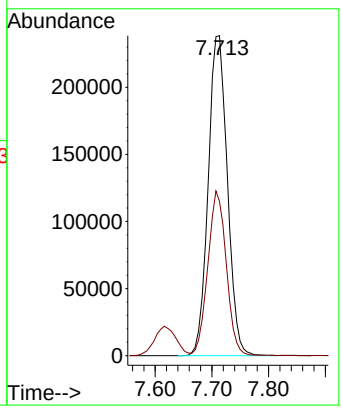


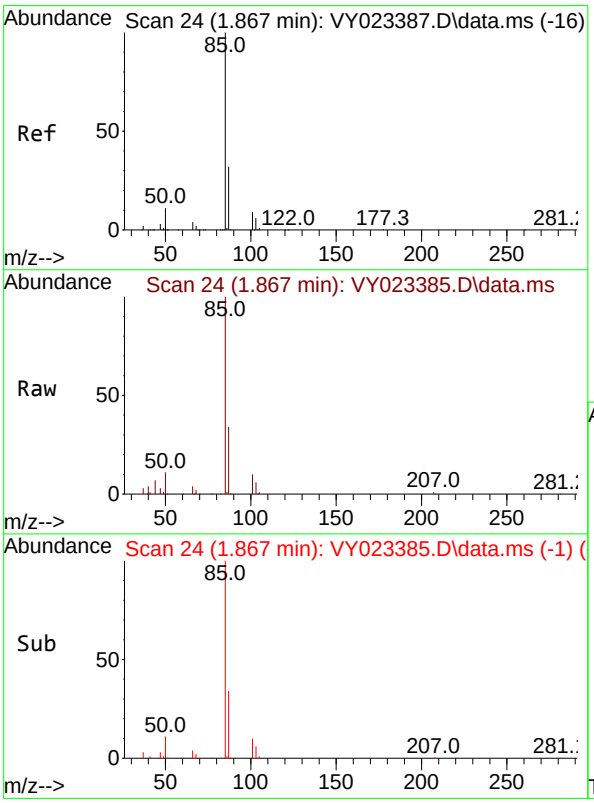
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 559828

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.7	59.5

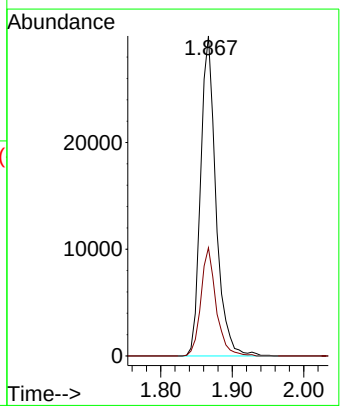


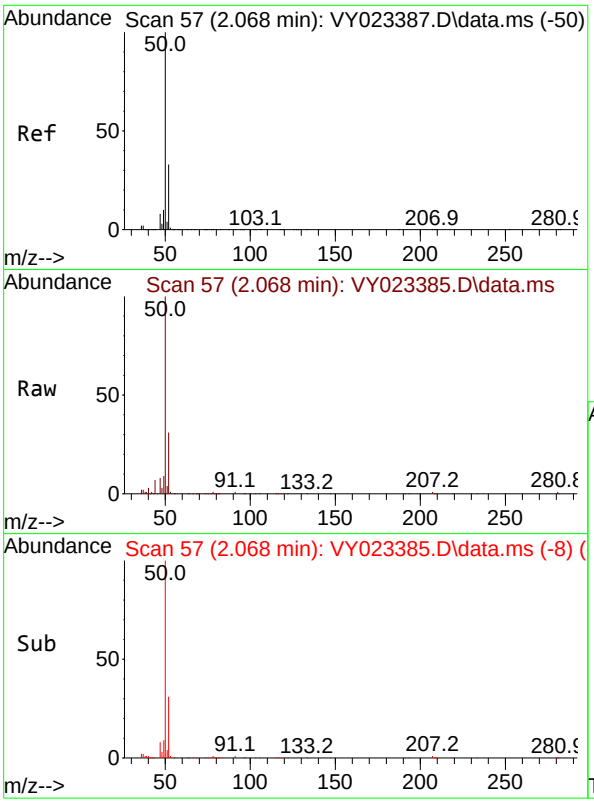


#2
Dichlorodifluoromethane
Concen: 10.129 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 85 Resp: 44666

Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.0	47.9



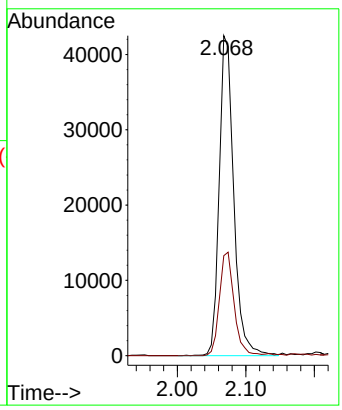


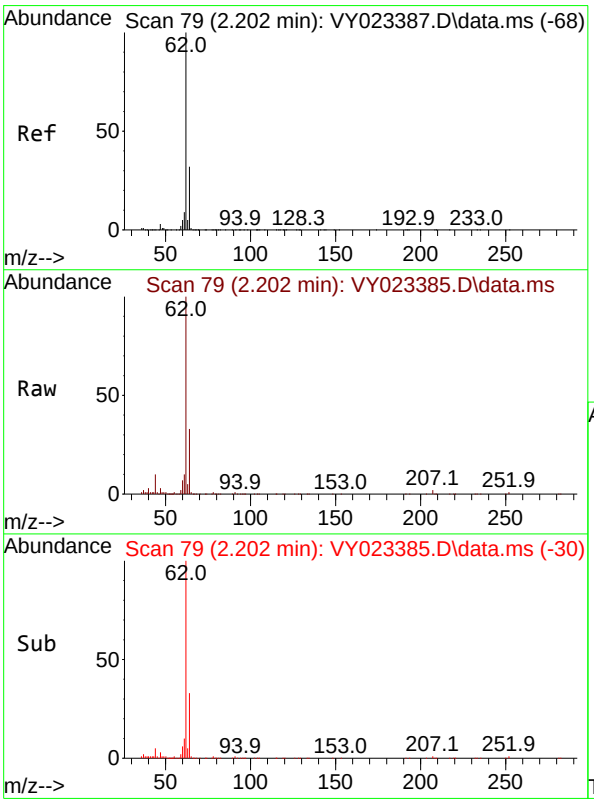
#3
Chloromethane
Concen: 9.957 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 62413

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.2	39.2

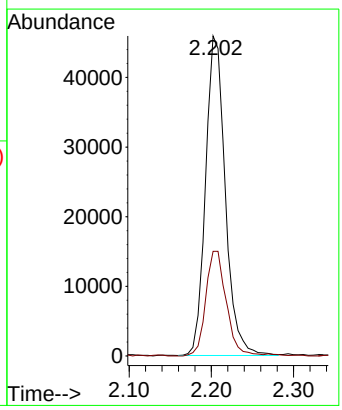


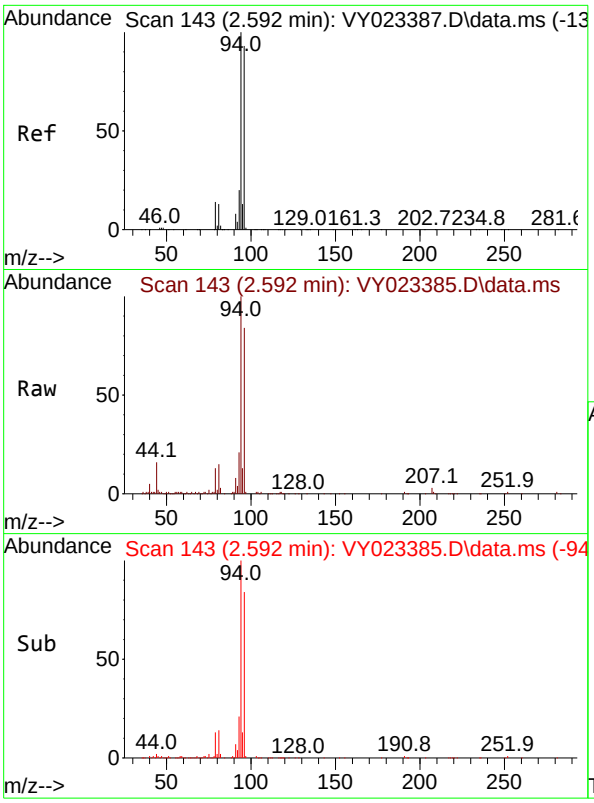


#4
Vinyl Chloride
Concen: 9.676 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 62 Resp: 76587

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.8	38.8



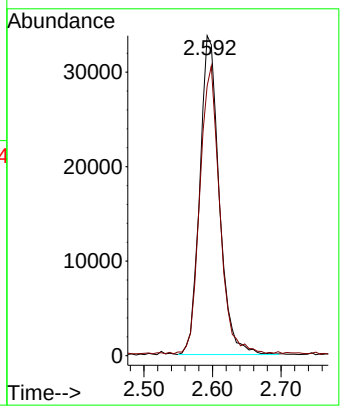


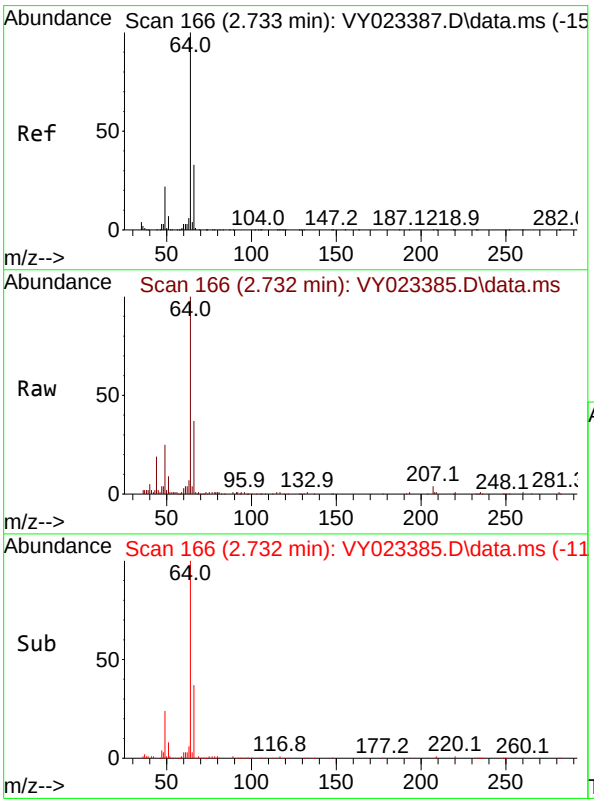
#5
Bromomethane
Concen: 10.271 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 66689

Ion	Ratio	Lower	Upper
94	100		
96	83.4	74.5	111.7

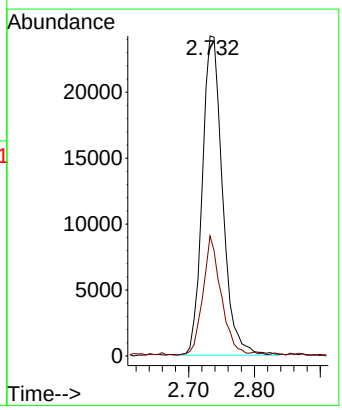


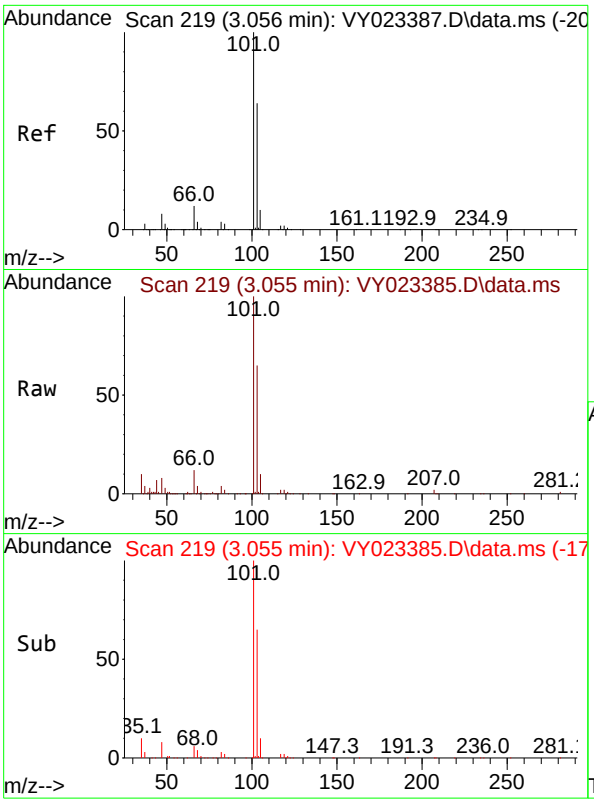


#6
Chloroethane
Concen: 9.632 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 64 Resp: 51757

Ion	Ratio	Lower	Upper
64	100		
66	37.2	26.2	39.4



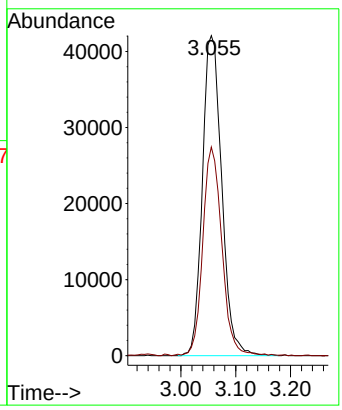


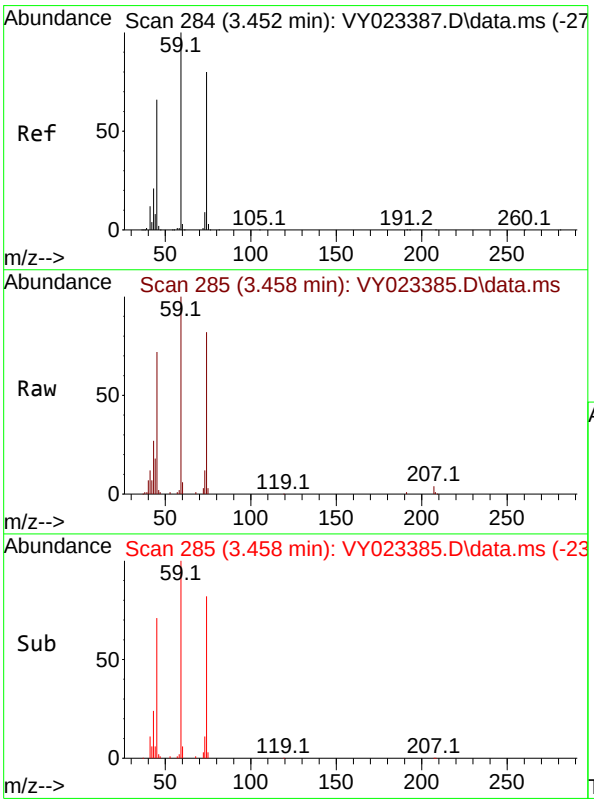
#7
Trichlorofluoromethane
Concen: 10.128 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 102972

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9

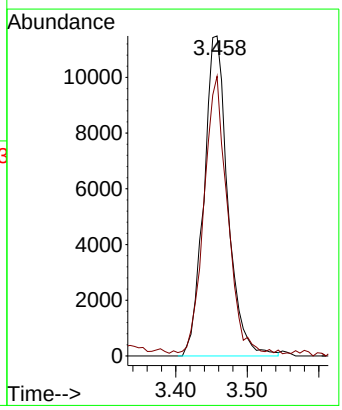


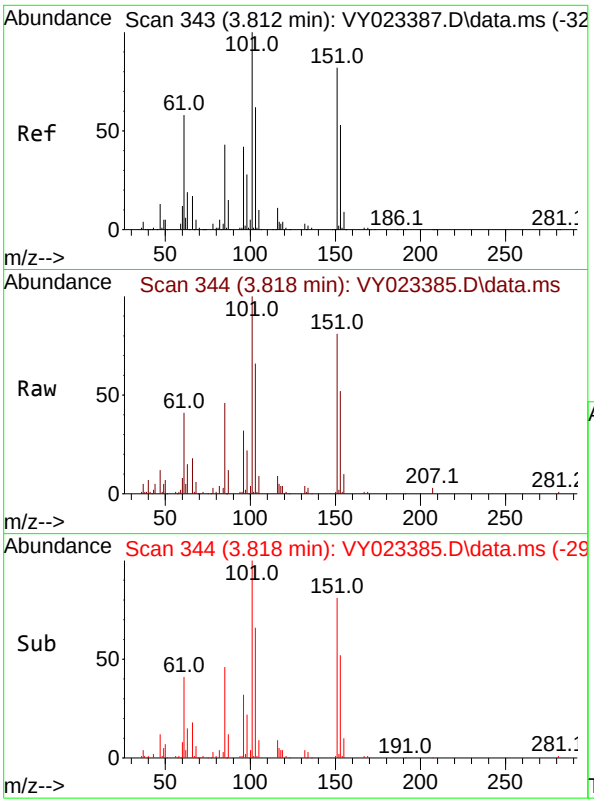


#8
Diethyl Ether
Concen: 10.047 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 74 Resp: 26719

Ion	Ratio	Lower	Upper
74	100		
45	83.5	39.9	119.7



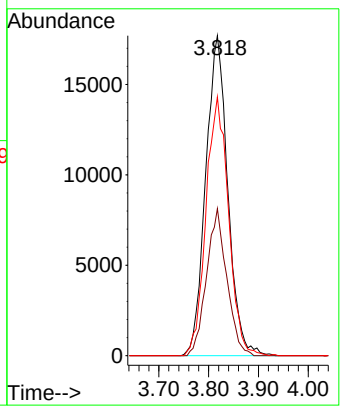


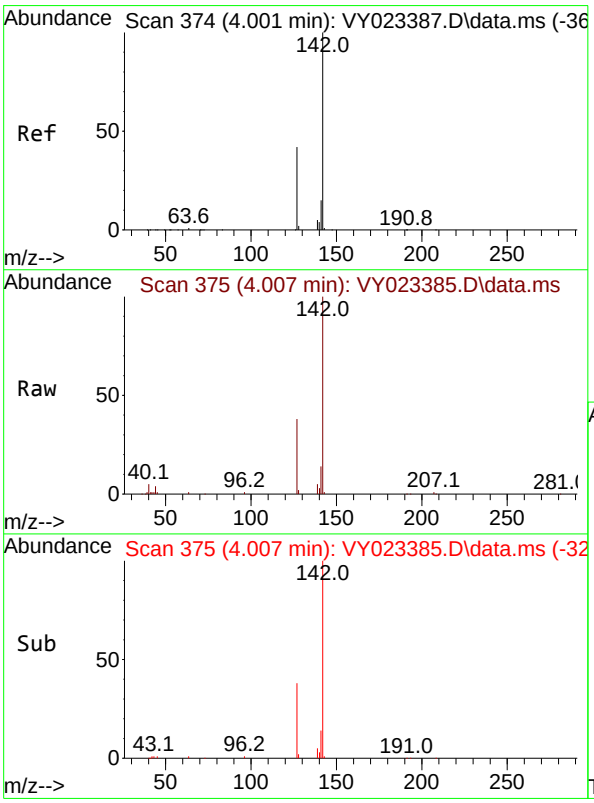
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.011 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 54405

Ion	Ratio	Lower	Upper
101	100		
85	42.2	34.6	51.8
151	82.7	67.0	100.6

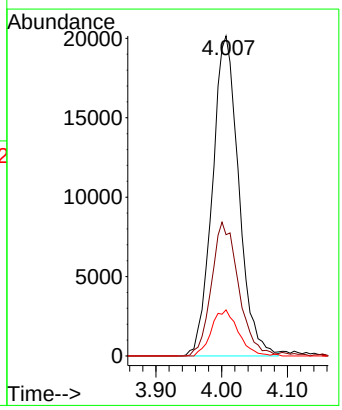


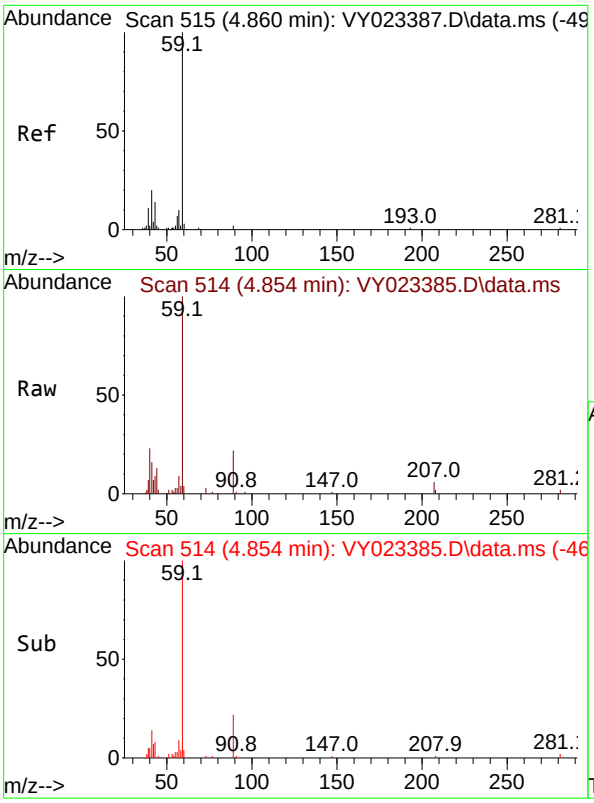


#10
Methyl Iodide
Concen: 8.967 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:142 Resp: 56313

Ion	Ratio	Lower	Upper
142	100		
127	42.9	34.8	52.2
141	14.6	11.6	17.4



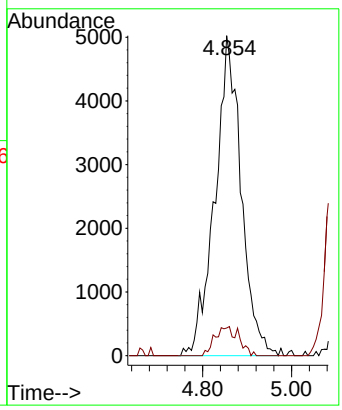


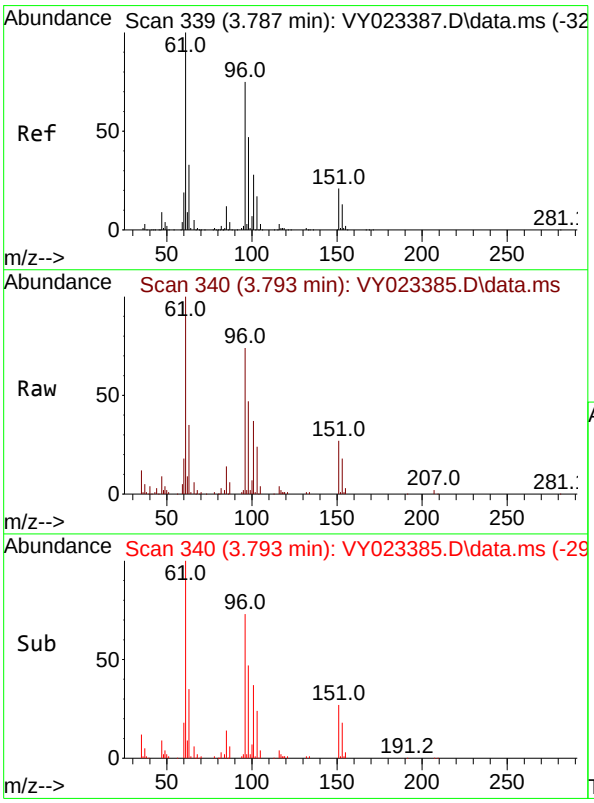
#11
Tert butyl alcohol
Concen: 71.998 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 20540

Ion	Ratio	Lower	Upper
59	100		
57	6.3	8.3	12.5#

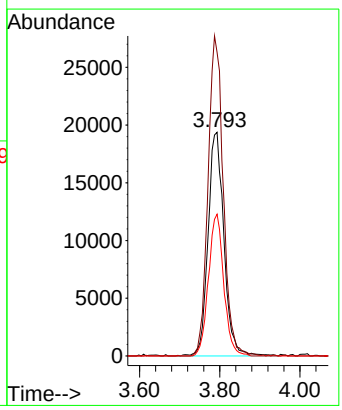


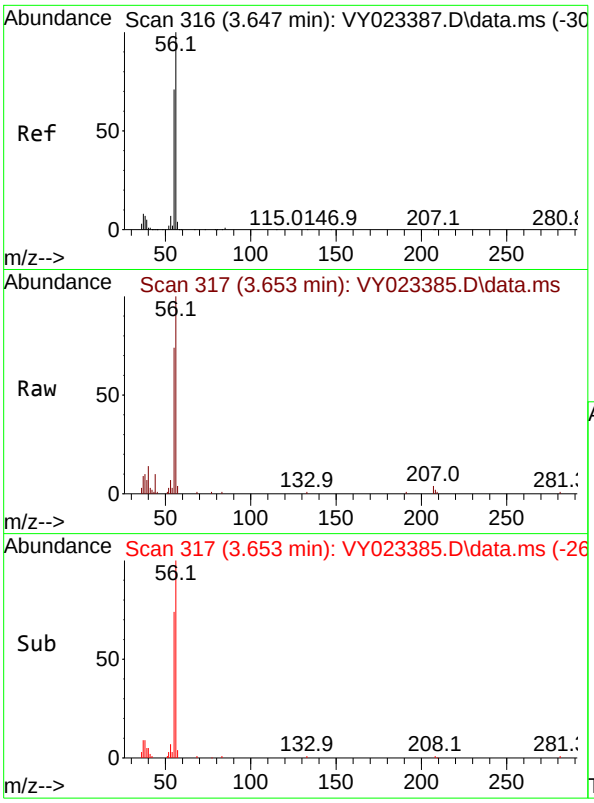


#12
1,1-Dichloroethene
Concen: 10.173 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 96 Resp: 53191

Ion	Ratio	Lower	Upper
96	100		
61	135.7	106.7	160.1
98	63.4	50.2	75.4



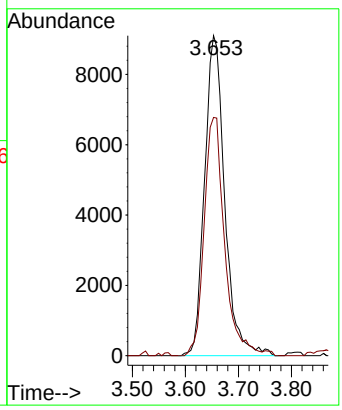


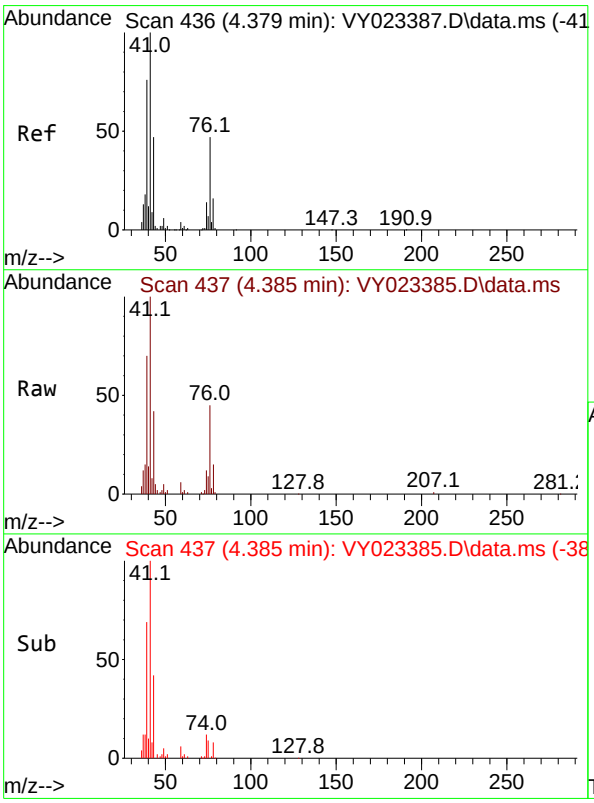
#13
Acrolein
Concen: 49.681 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 24014

Ion	Ratio	Lower	Upper
56	100		
55	75.2	56.1	84.1

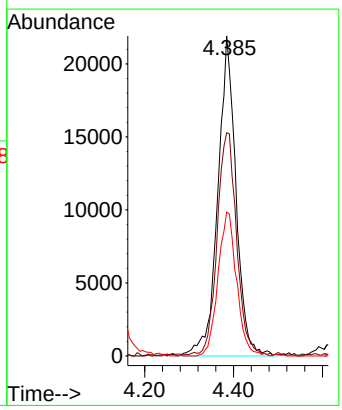


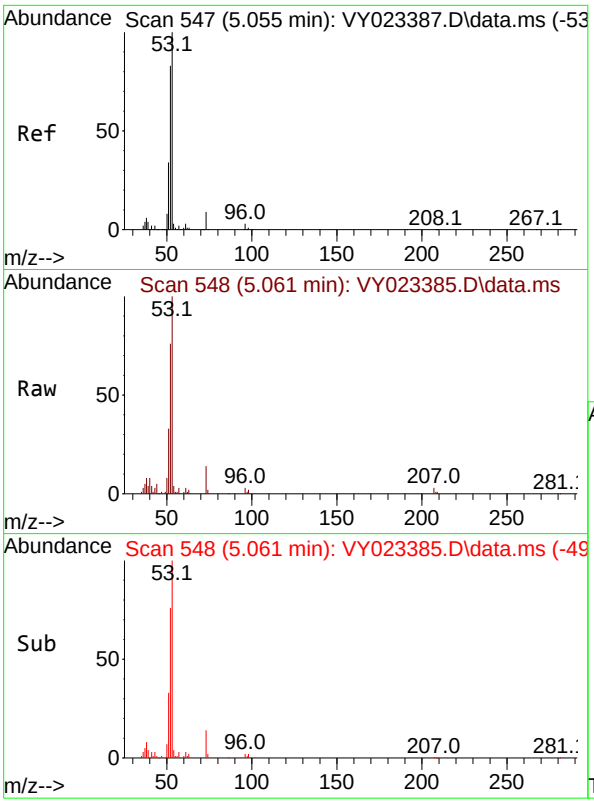


#14
Allyl chloride
Concen: 9.494 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 62154

Ion	Ratio	Lower	Upper
41	100		
39	74.2	59.9	89.9
76	45.9	38.0	57.0



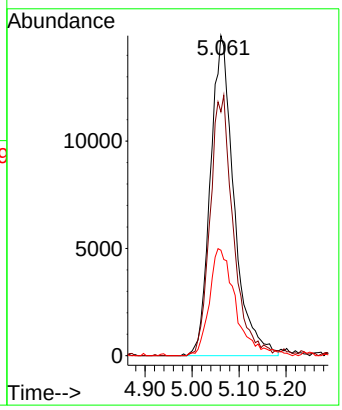


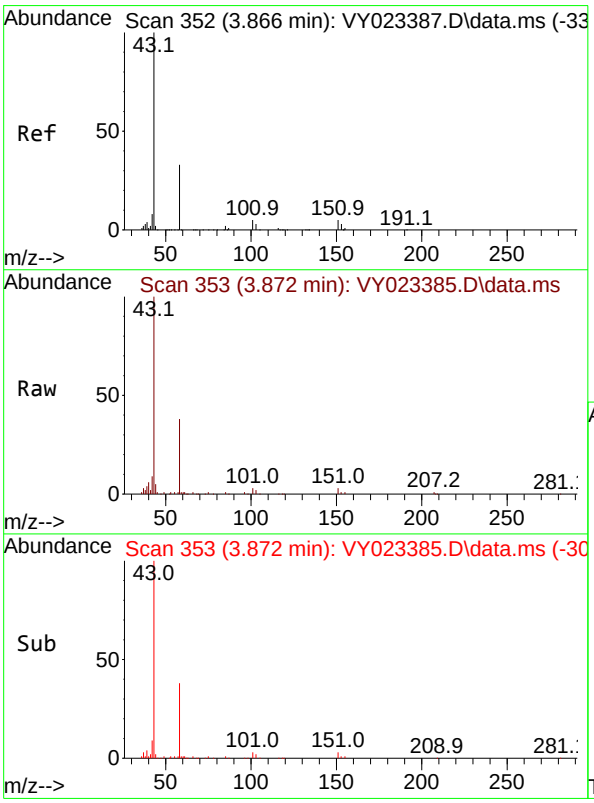
#15
Acrylonitrile
Concen: 49.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 51937

Ion	Ratio	Lower	Upper
53	100		
52	79.5	64.6	97.0
51	37.4	29.5	44.3

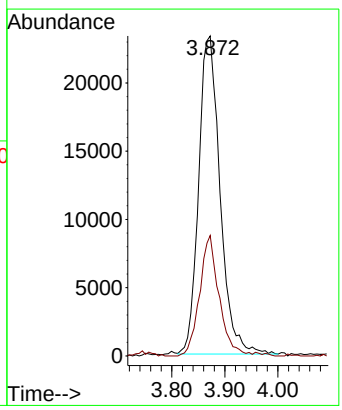


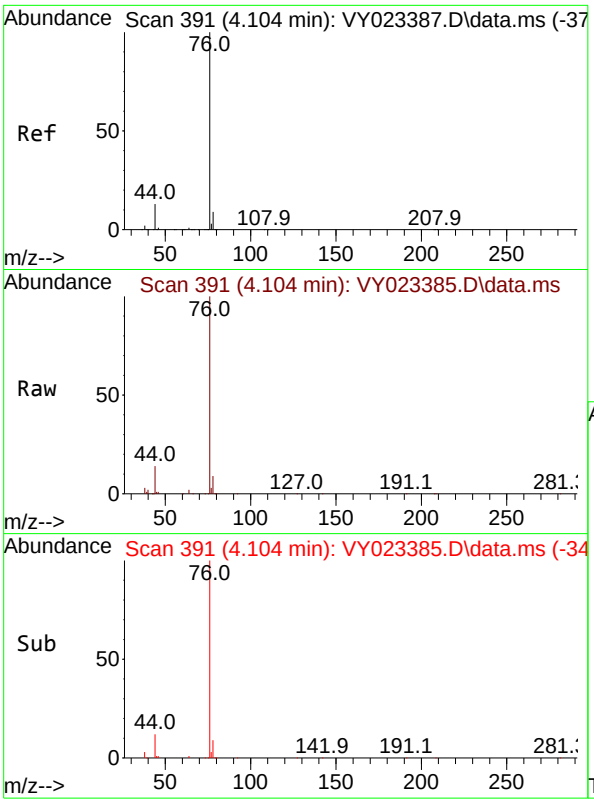


#16
Acetone
Concen: 59.997 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 65410

Ion	Ratio	Lower	Upper
43	100		
58	37.9	27.7	41.5



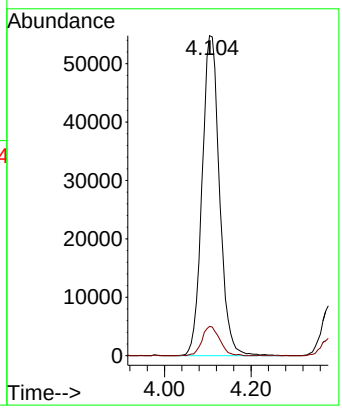


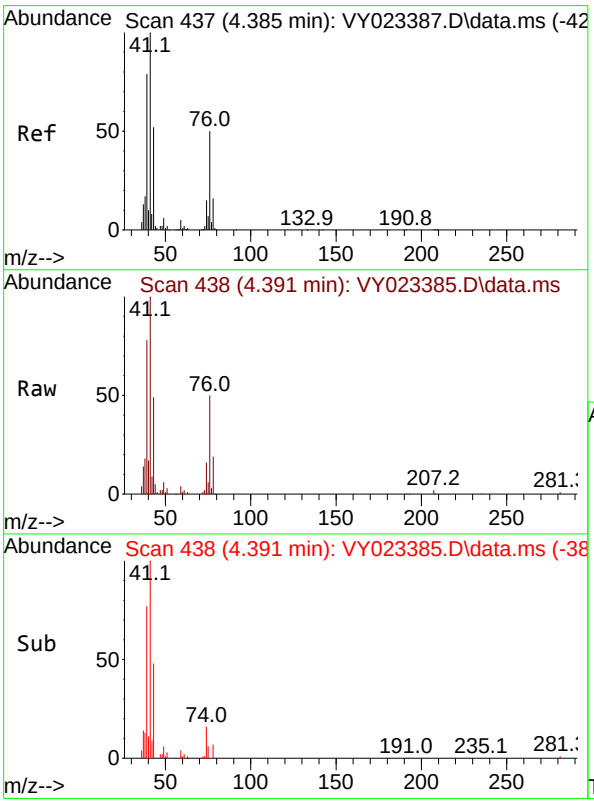
#17
Carbon Disulfide
Concen: 9.382 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 153055

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

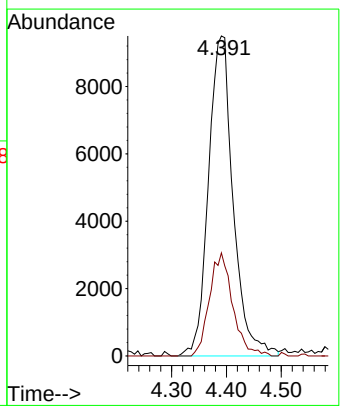


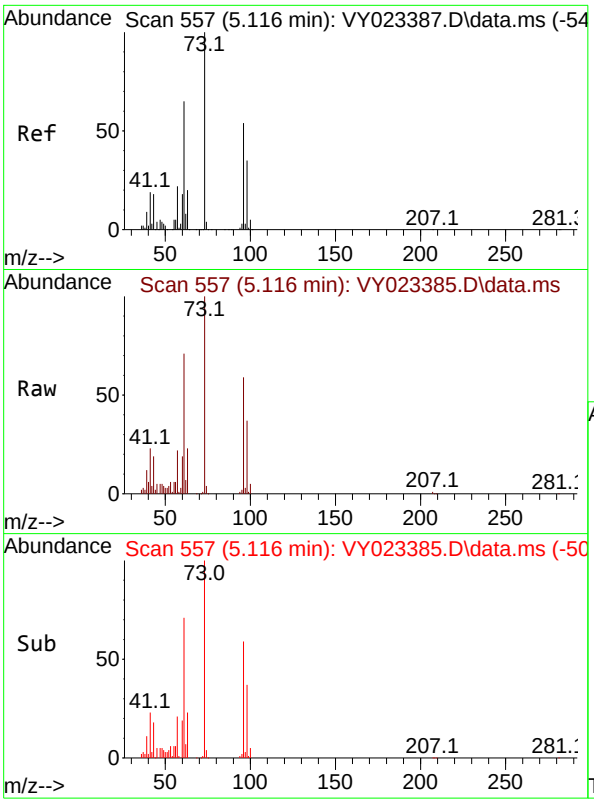


#18
Methyl Acetate
Concen: 10.728 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 29725

Ion	Ratio	Lower	Upper
43	100		
74	30.3	24.2	36.4



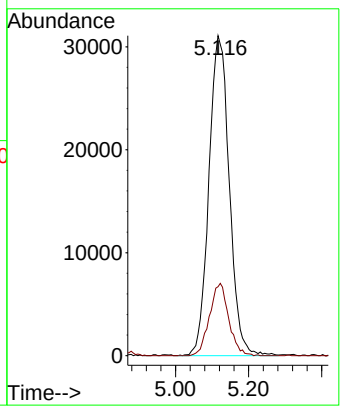


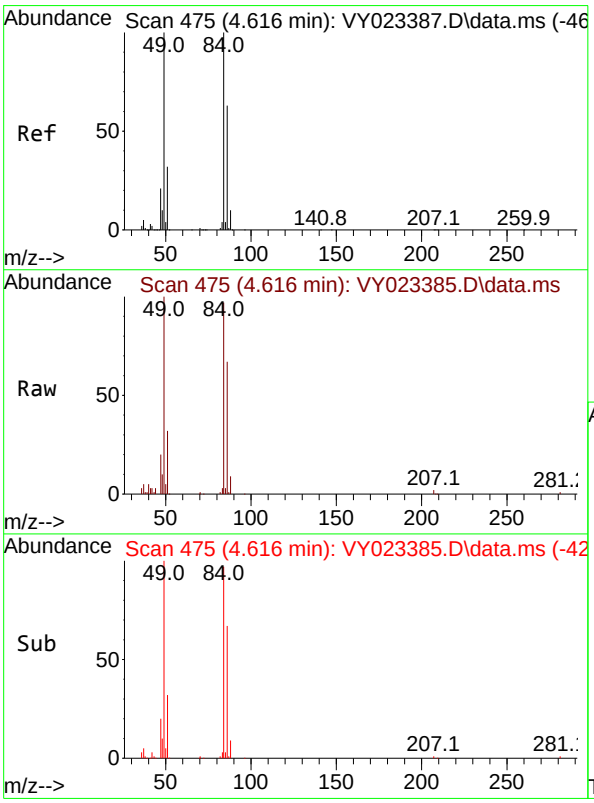
#19
Methyl tert-butyl Ether
Concen: 9.830 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 120347

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0

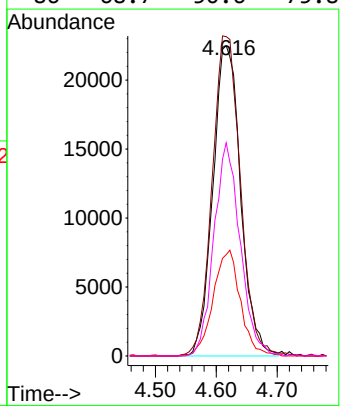


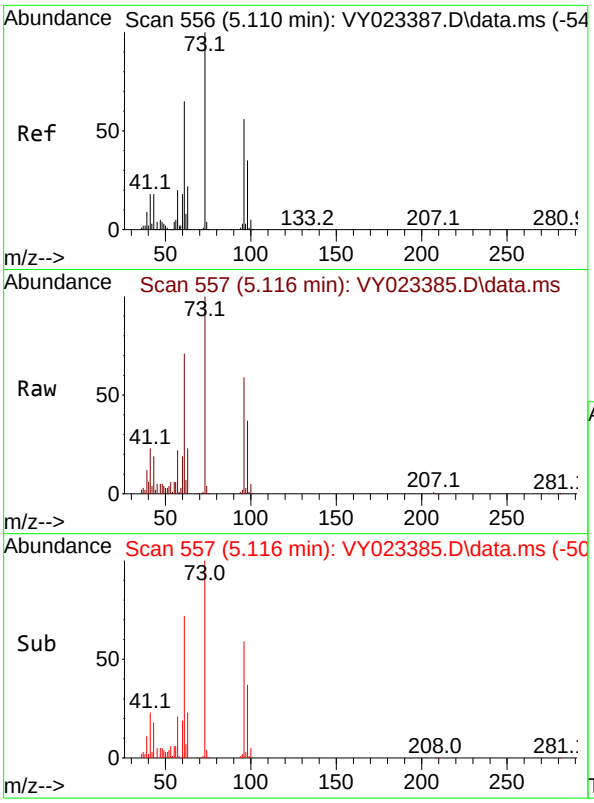


#20
Methylene Chloride
Concen: 12.016 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 84 Resp: 71034

Ion	Ratio	Lower	Upper
84	100		
49	102.9	80.2	120.4
51	32.6	25.9	38.9
86	68.7	50.6	75.8



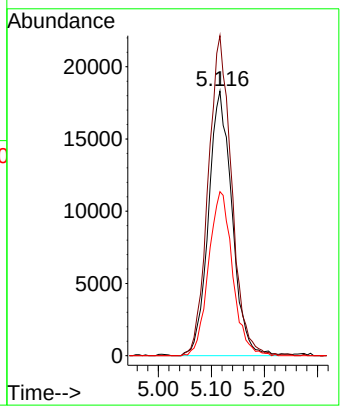


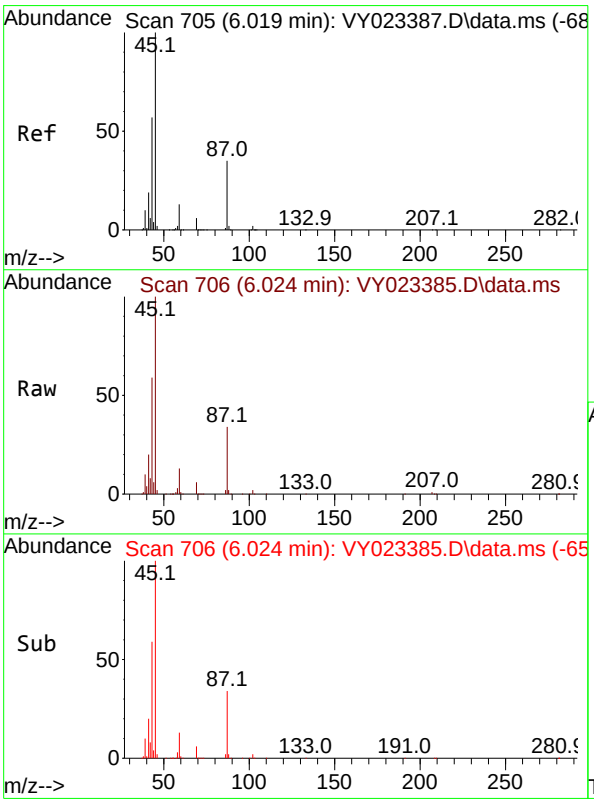
#21
trans-1,2-Dichloroethene
Concen: 9.710 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 56465

Ion	Ratio	Lower	Upper
96	100		
61	121.0	92.7	139.1
98	62.0	49.7	74.5

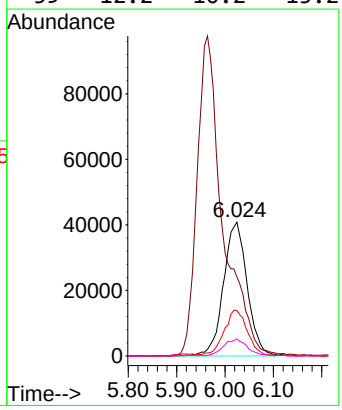


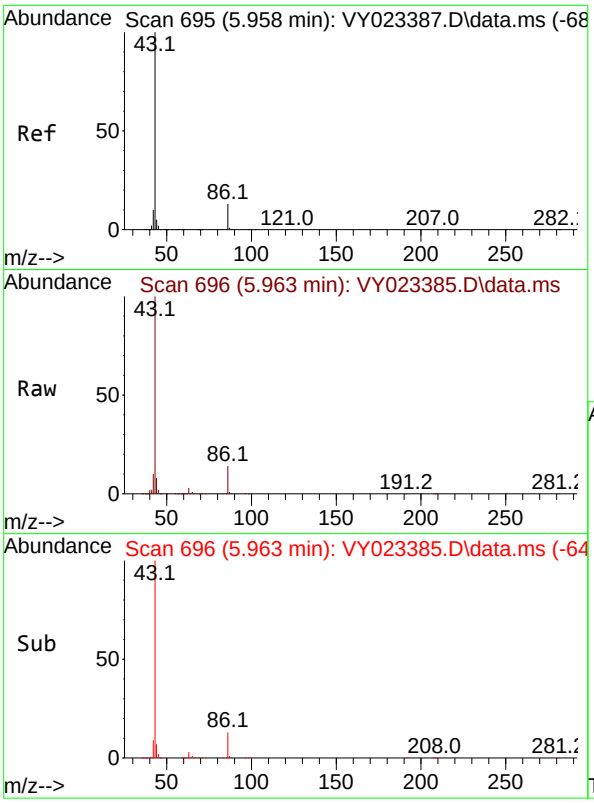


#22
Diisopropyl ether
Concen: 9.547 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 45 Resp: 138589

Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.6	68.4
87	33.7	28.1	42.1
59	12.2	10.2	15.2



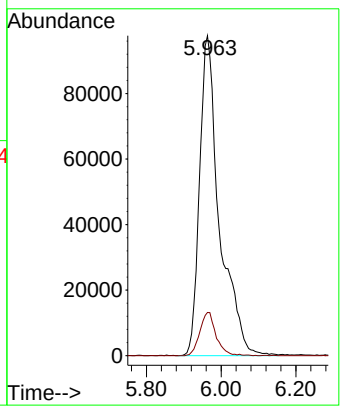


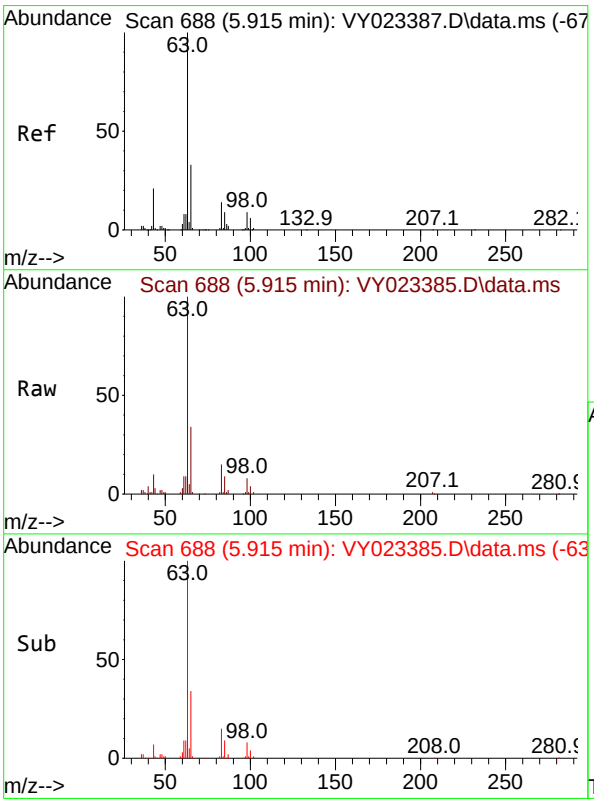
#23
Vinyl Acetate
Concen: 45.300 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 361478

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8

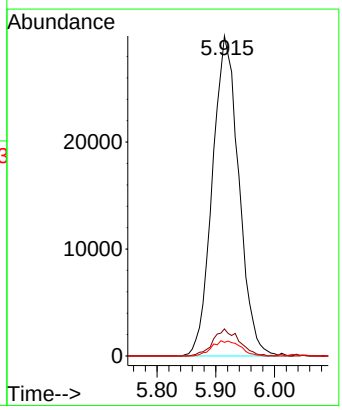


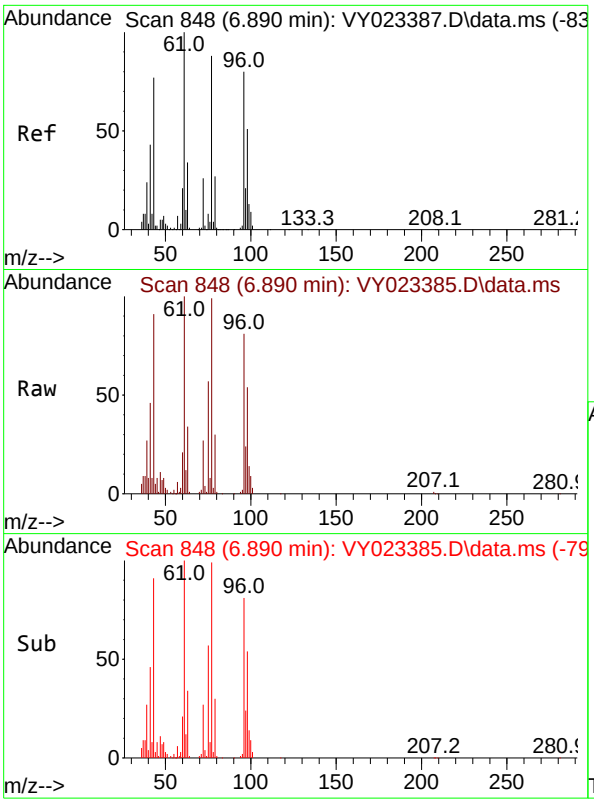


#24
1,1-Dichloroethane
Concen: 9.772 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 93512

Ion	Ratio	Lower	Upper
63	100		
98	8.4	4.3	13.1
100	4.3	2.8	8.4



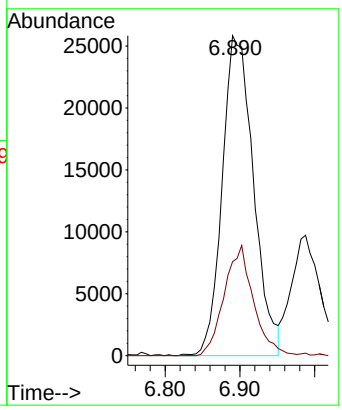


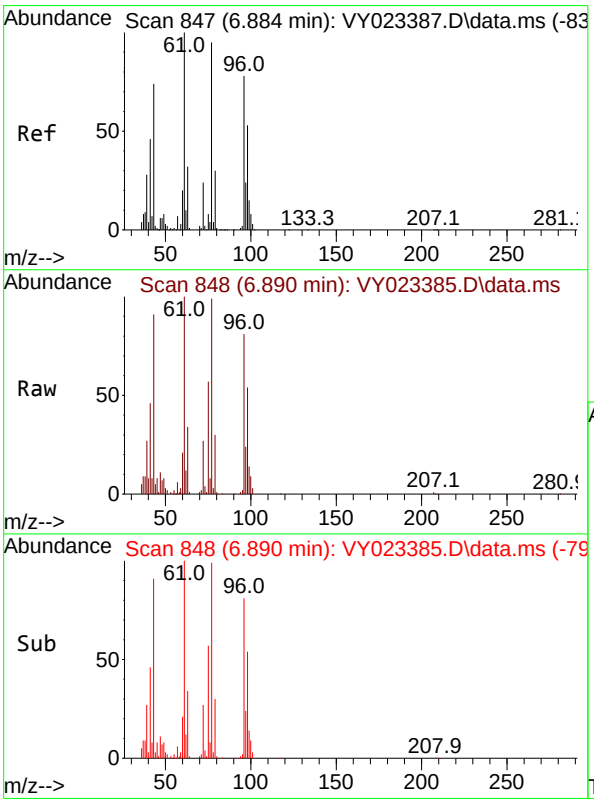
#25
2-Butanone
Concen: 55.784 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 75171

Ion	Ratio	Lower	Upper
43	100		
72	29.4	27.4	41.2

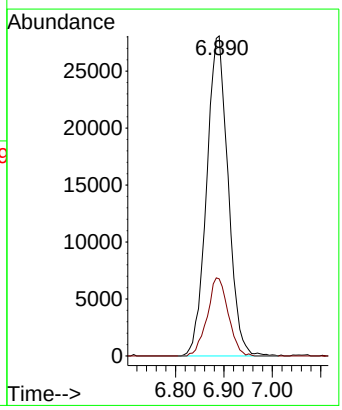


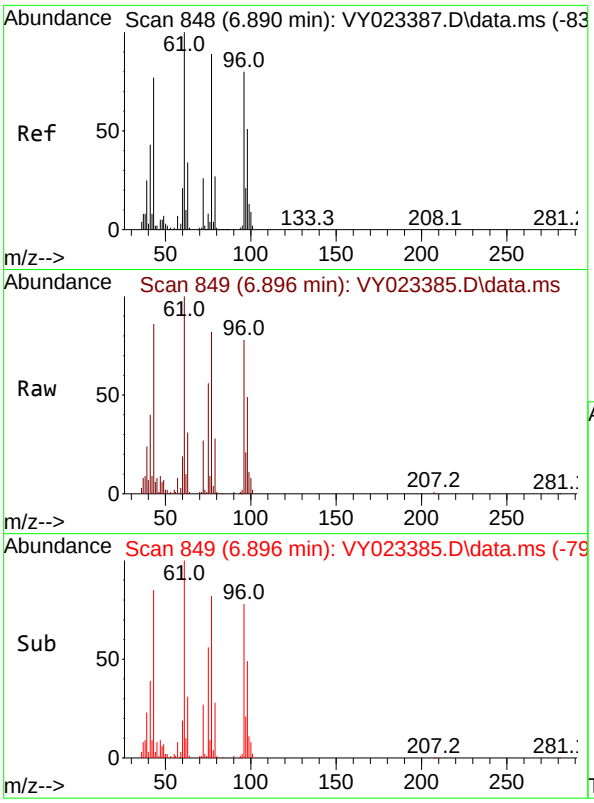


#26
2,2-Dichloropropane
Concen: 10.153 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 77 Resp: 86325

Ion	Ratio	Lower	Upper
77	100		
97	23.9	12.1	36.3



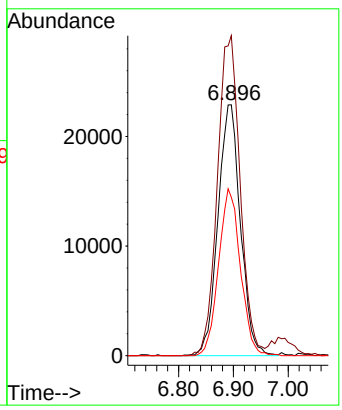


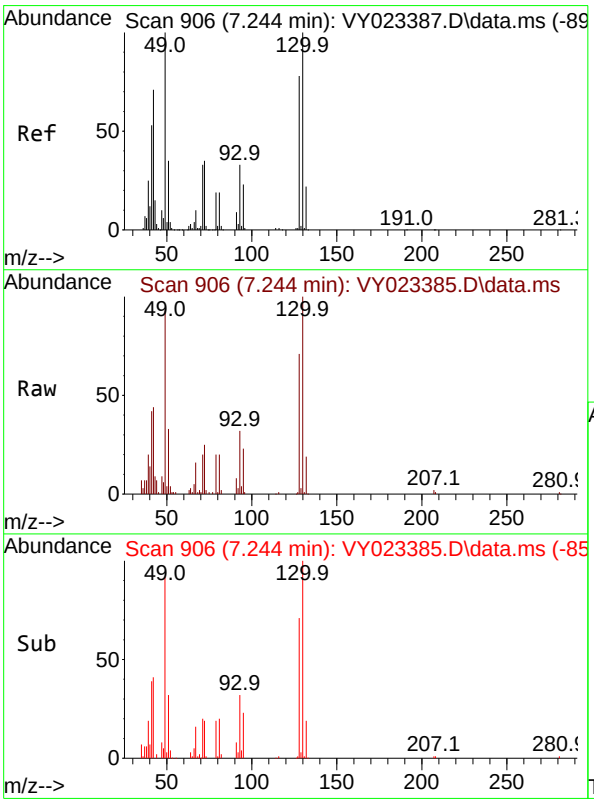
#27
cis-1,2-Dichloroethene
Concen: 9.905 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 65335

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.2
98	64.5	0.0	132.0

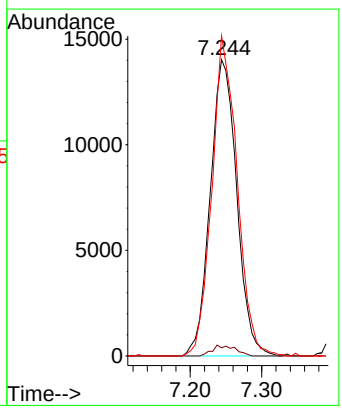


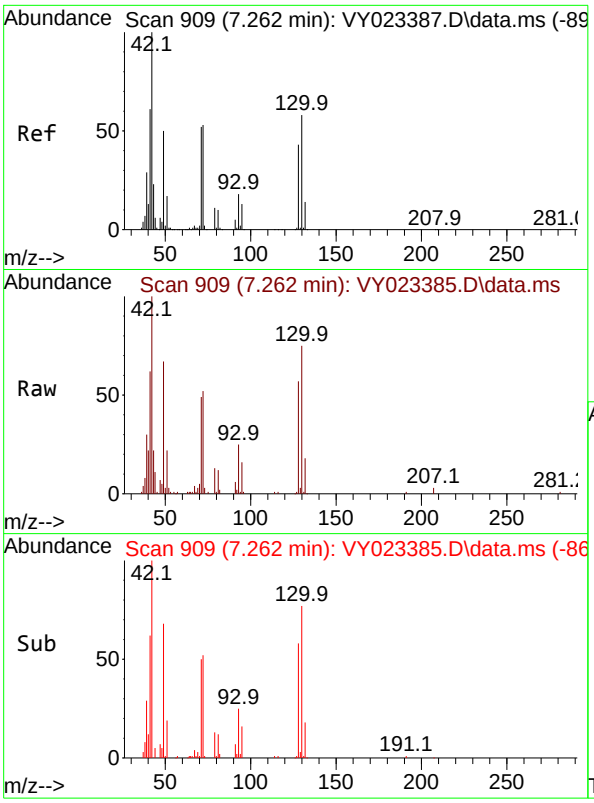


#28
Bromochloromethane
Concen: 9.733 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 49 Resp: 36132

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	103.0	81.9	122.9



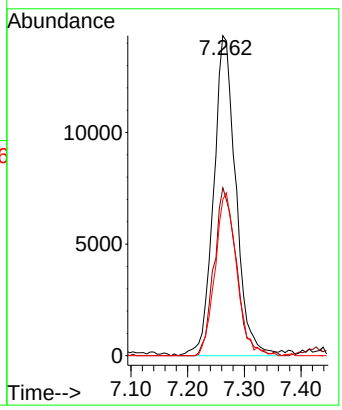


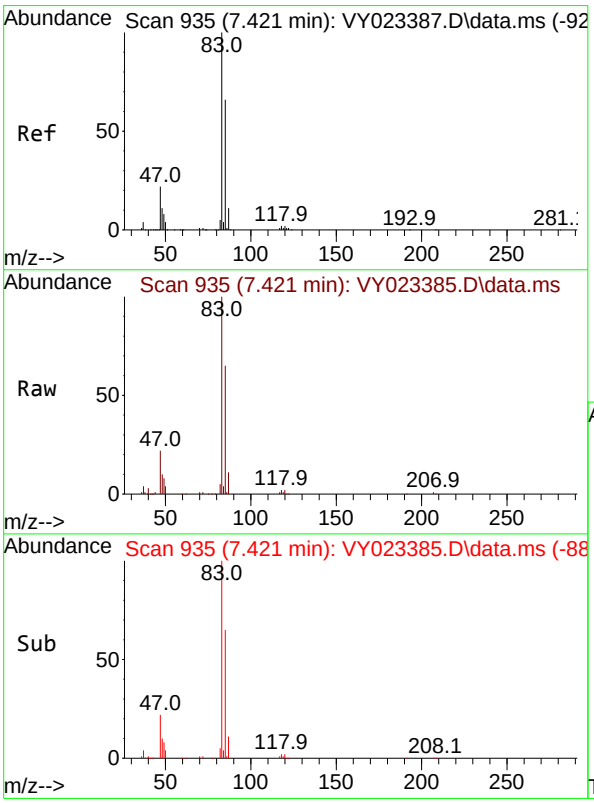
#29
Tetrahydrofuran
Concen: 48.749 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 38990

Ion	Ratio	Lower	Upper
42	100		
72	52.6	43.0	64.6
71	49.8	40.1	60.1

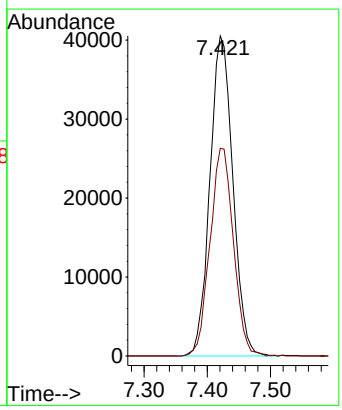


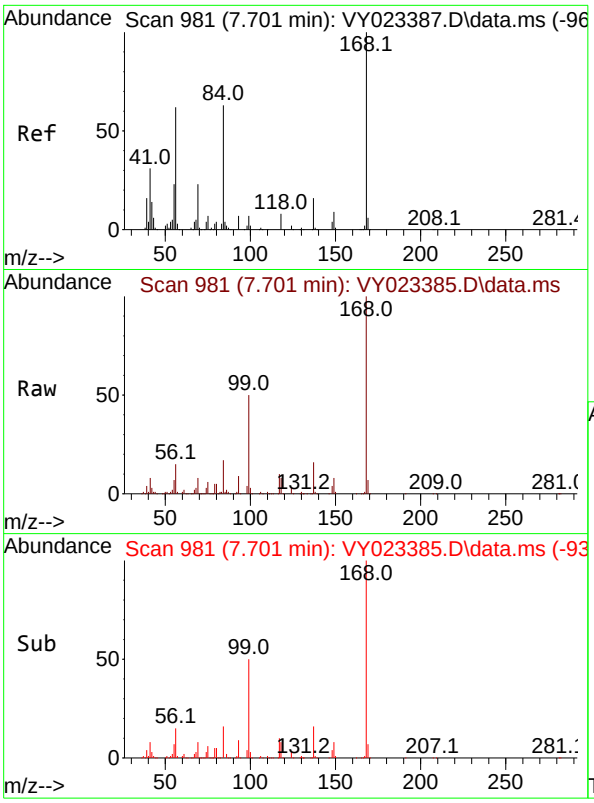


#30
Chloroform
Concen: 9.890 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 83 Resp: 102058

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.5	78.7



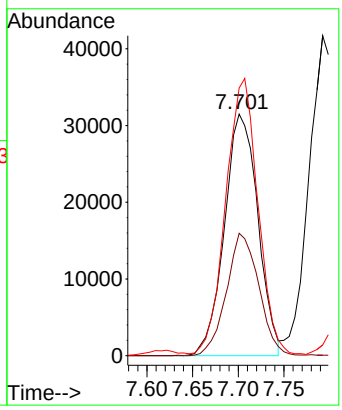


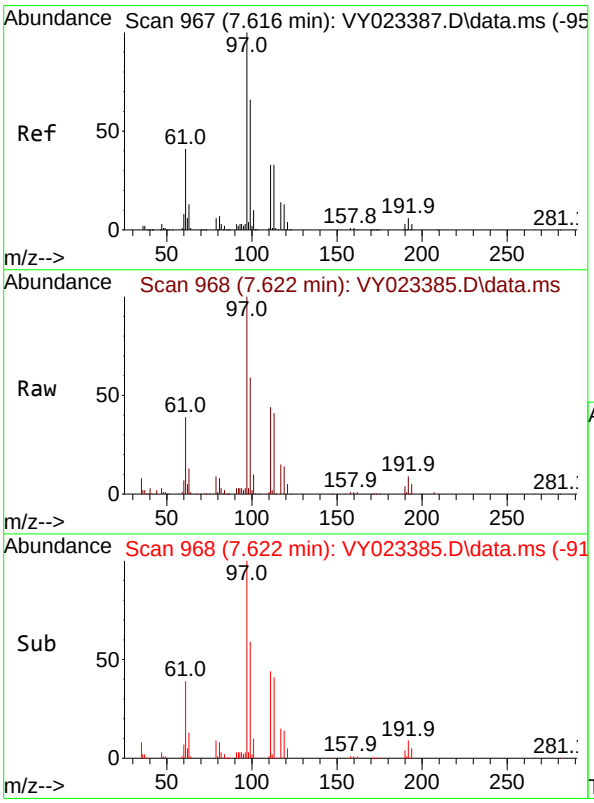
#31
Cyclohexane
Concen: 9.495 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 80245

Ion	Ratio	Lower	Upper
56	100		
69	50.5	30.0	45.0#
84	109.7	81.2	121.8

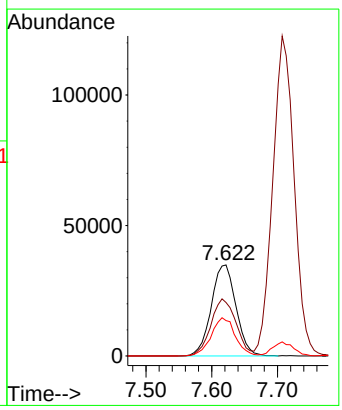


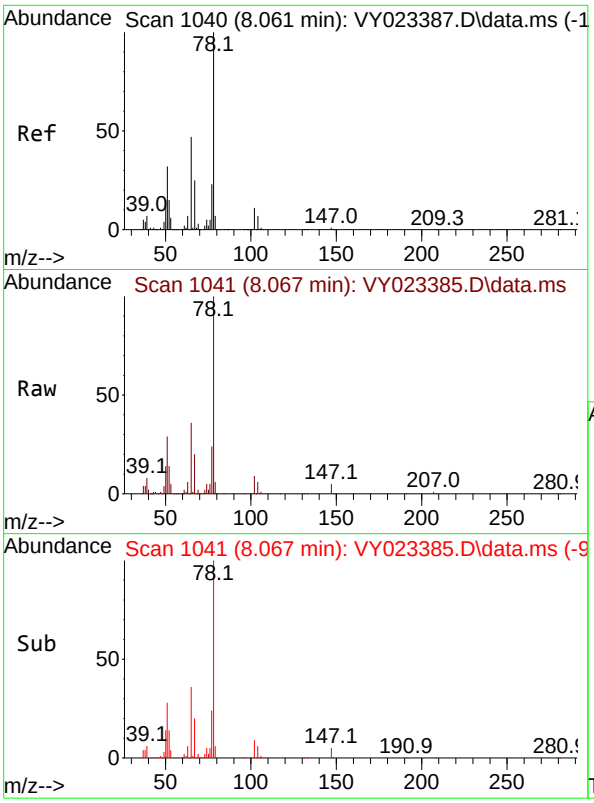


#32
1,1,1-Trichloroethane
Concen: 9.844 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 97 Resp: 91186

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	41.0	31.9	47.9



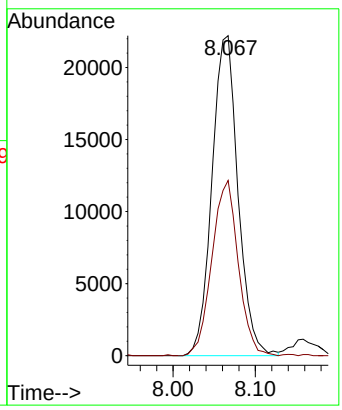


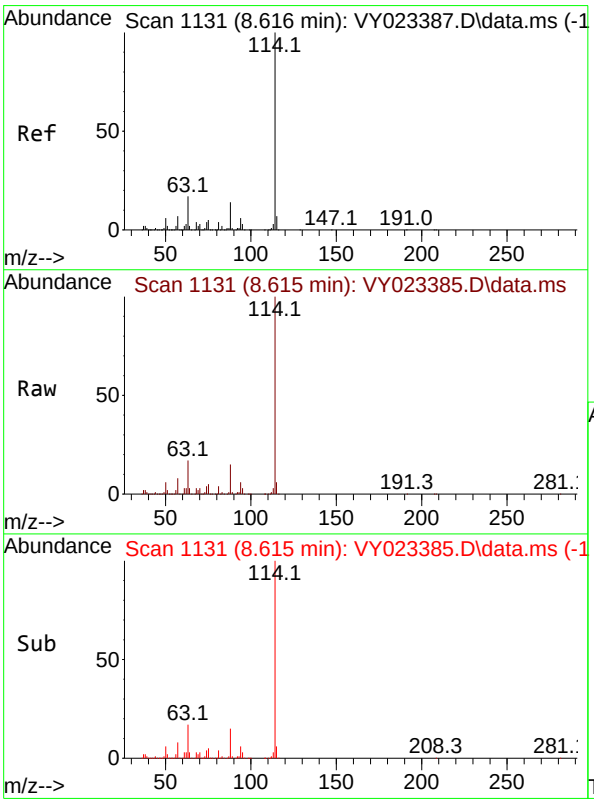
#33
1,2-Dichloroethane-d4
Concen: 10.071 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 48826

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.8

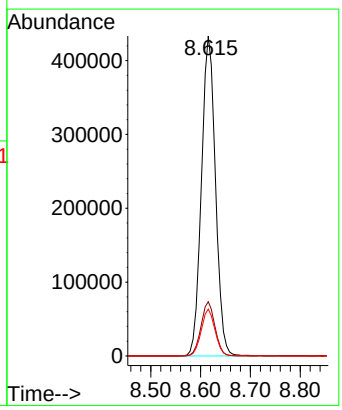


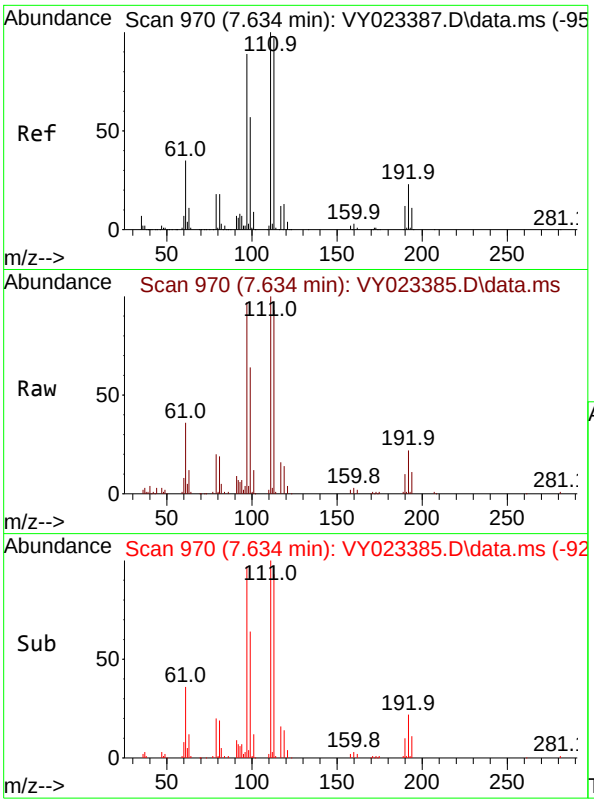


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:114 Resp: 847077

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	34.2
88	14.7	0.0	28.4



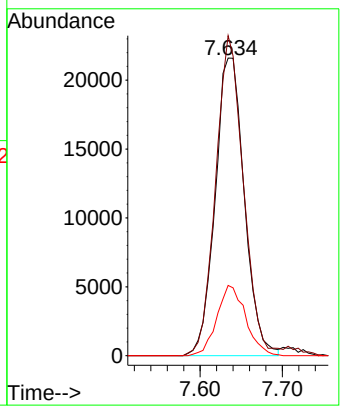


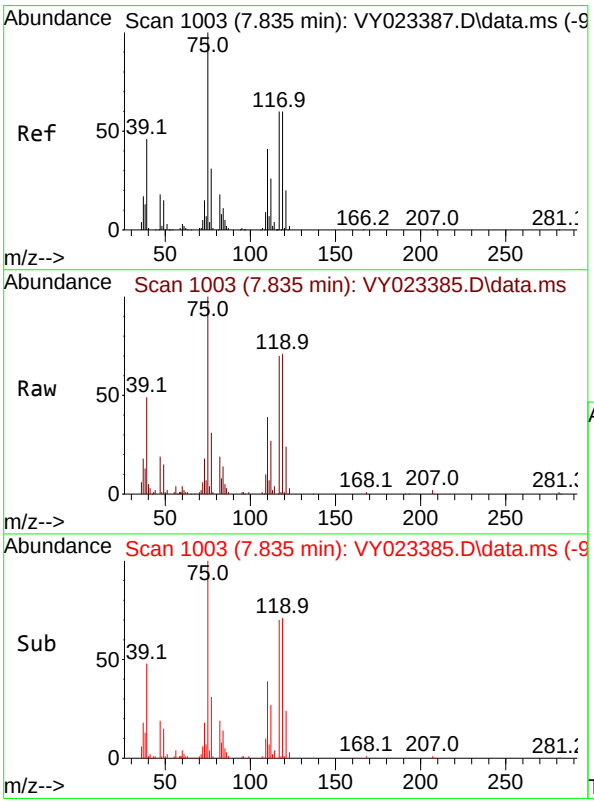
#35
Dibromofluoromethane
Concen: 10.364 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:113 Resp: 53279

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	23.3	18.0	27.0

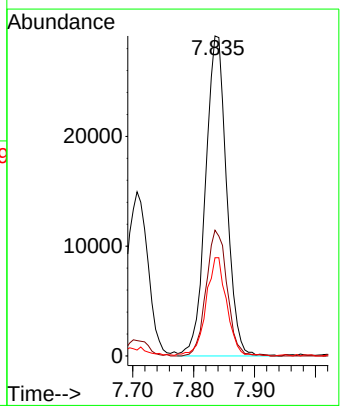


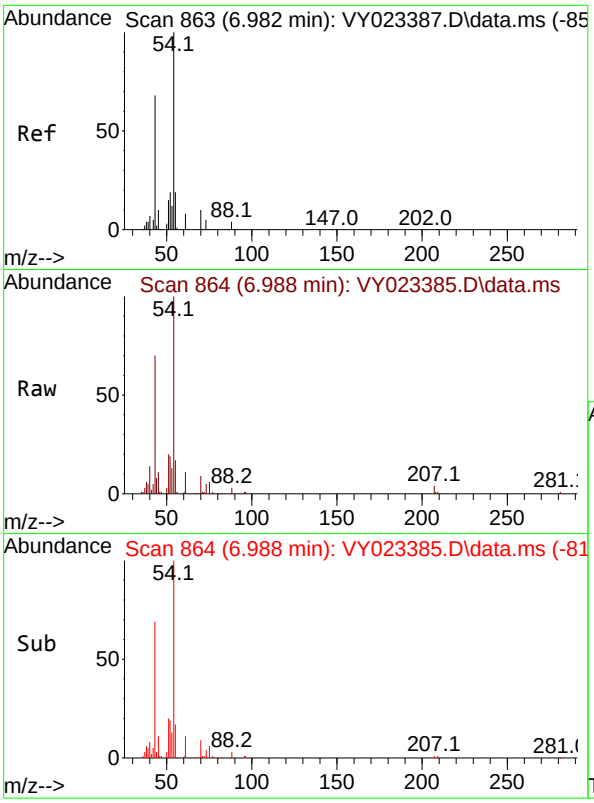


#36
1,1-Dichloropropene
Concen: 9.639 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 69913

Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.9	59.7
77	30.4	25.0	37.6



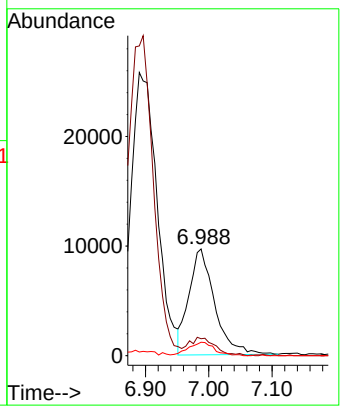


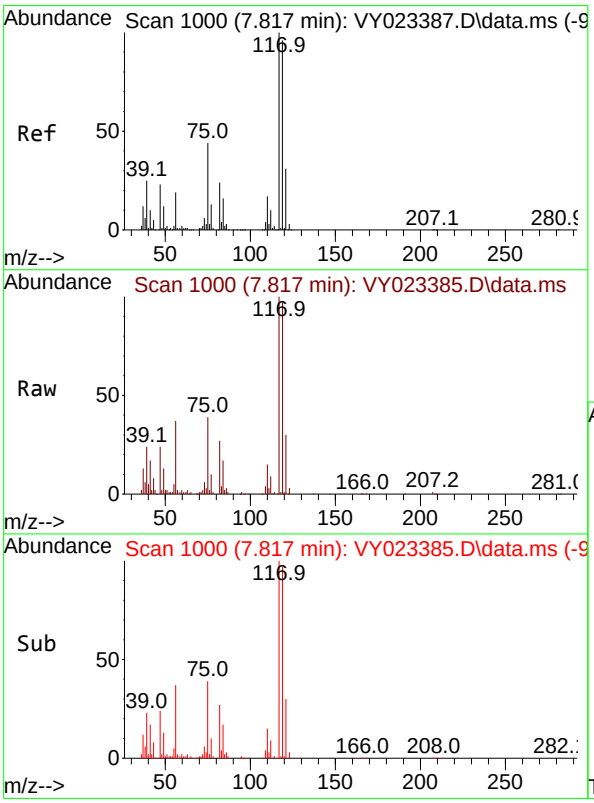
#37
Ethyl Acetate
Concen: 9.551 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 27388

Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.8	17.8
70	12.8	10.5	15.7

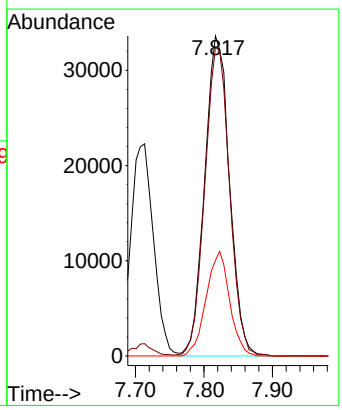


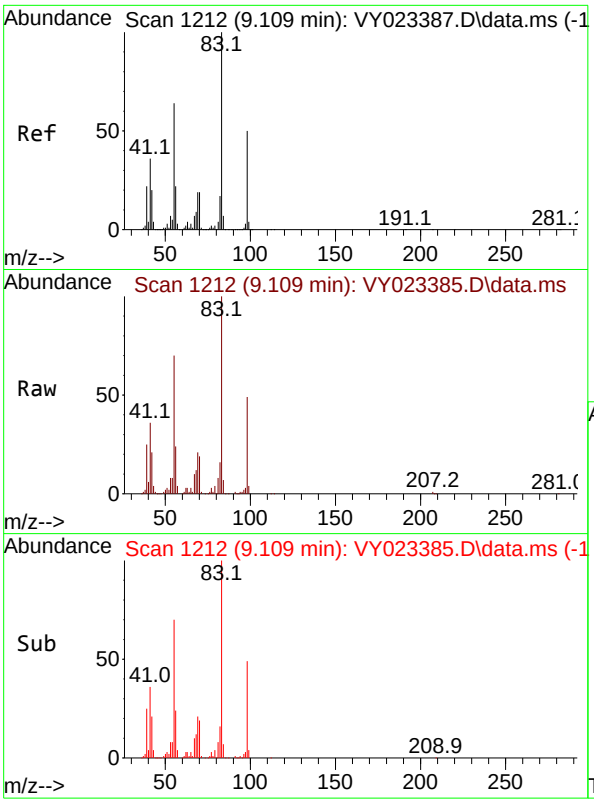


#38
Carbon Tetrachloride
Concen: 10.065 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:117 Resp: 84799

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
121	29.9	24.5	36.7



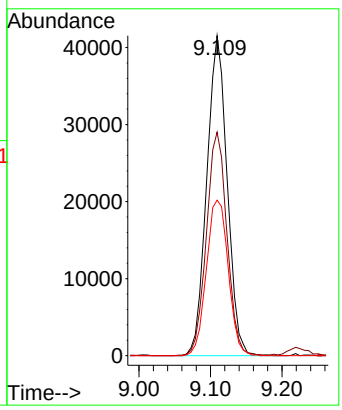


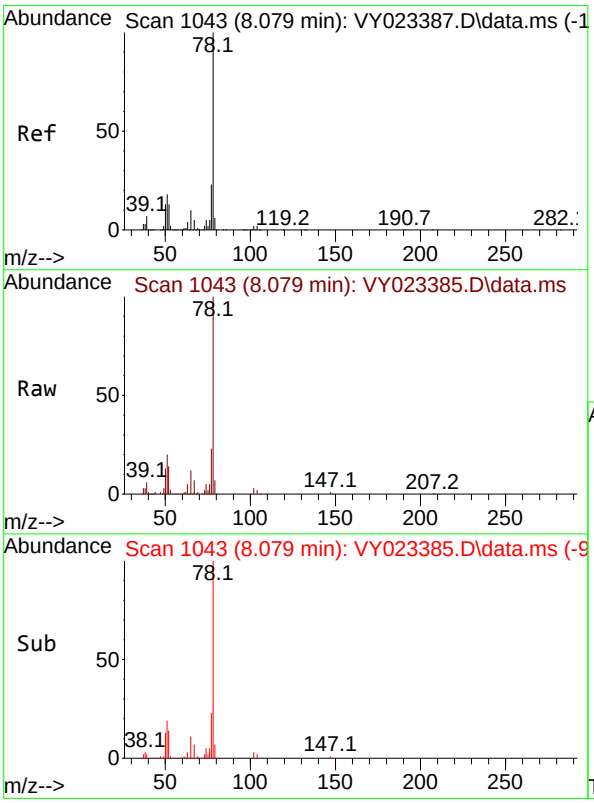
#39
Methylcyclohexane
Concen: 8.860 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 82275

Ion	Ratio	Lower	Upper
83	100		
55	69.7	51.4	77.2
98	48.6	40.4	60.6

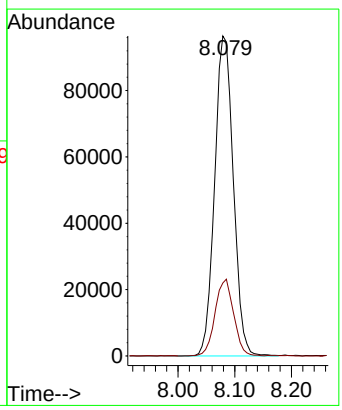


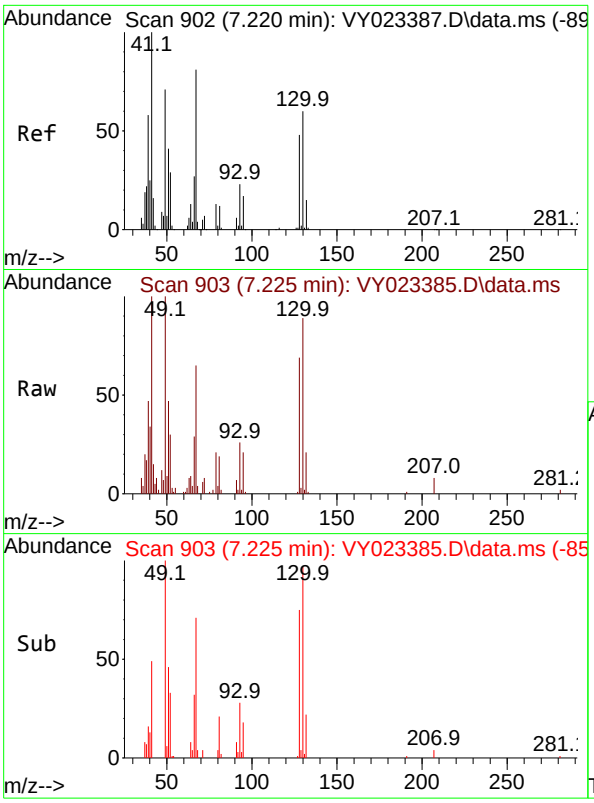


#40
Benzene
Concen: 9.758 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 78 Resp: 220629

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.3	27.5



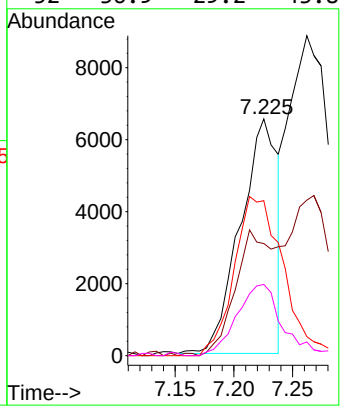


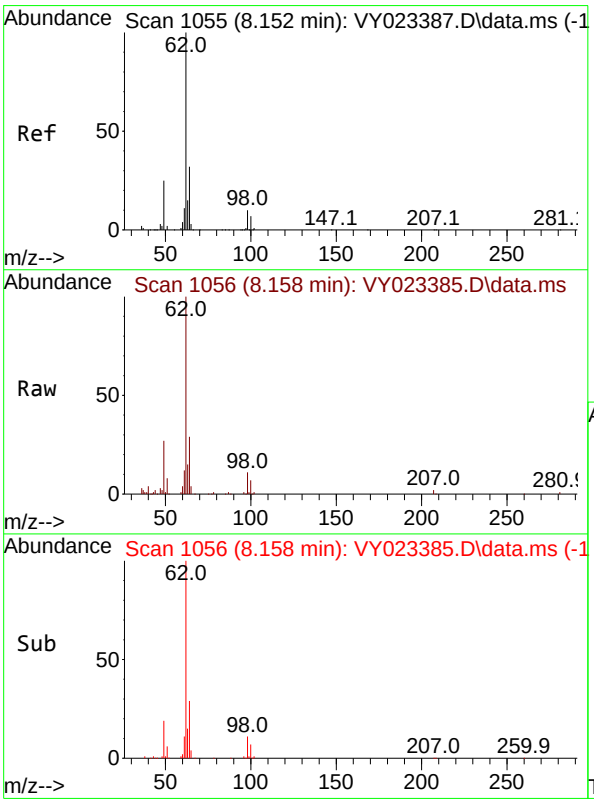
#41
Methacrylonitrile
Concen: 9.632 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 14344

Ion	Ratio	Lower	Upper
41	100		
39	49.9	52.2	78.4#
67	90.2	74.9	112.3
52	36.9	29.2	43.8

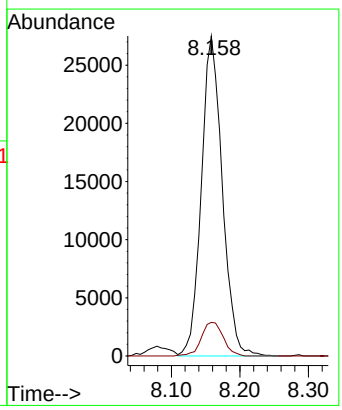


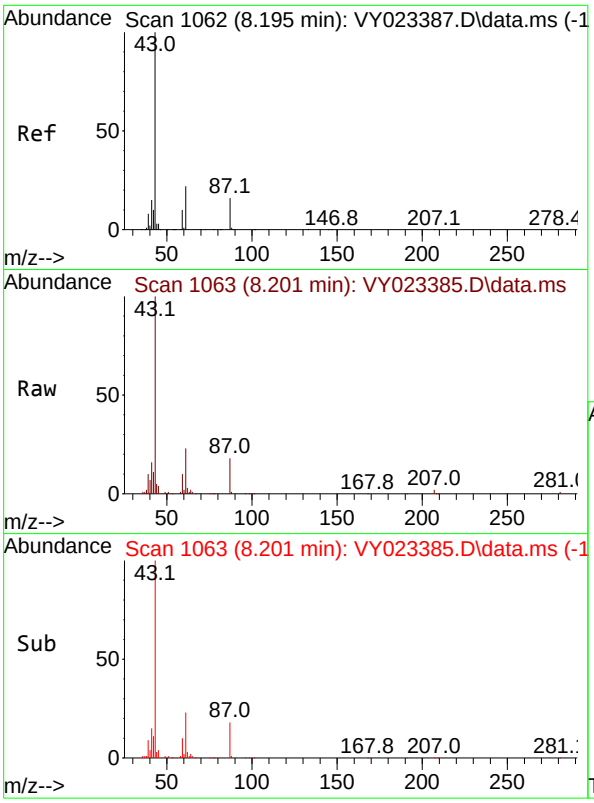


#42
1,2-Dichloroethane
Concen: 10.174 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 62 Resp: 58541

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6



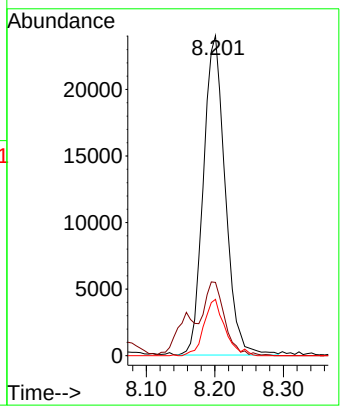


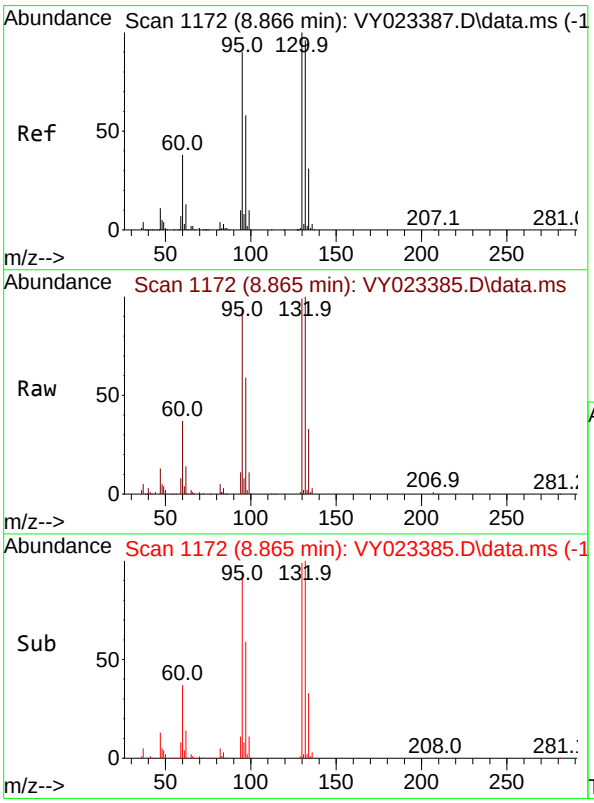
#43
Isopropyl Acetate
Concen: 9.510 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 53042

Ion	Ratio	Lower	Upper
43	100		
61	21.4	18.1	27.1
87	17.0	13.5	20.3

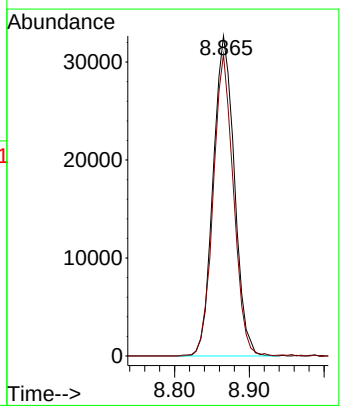


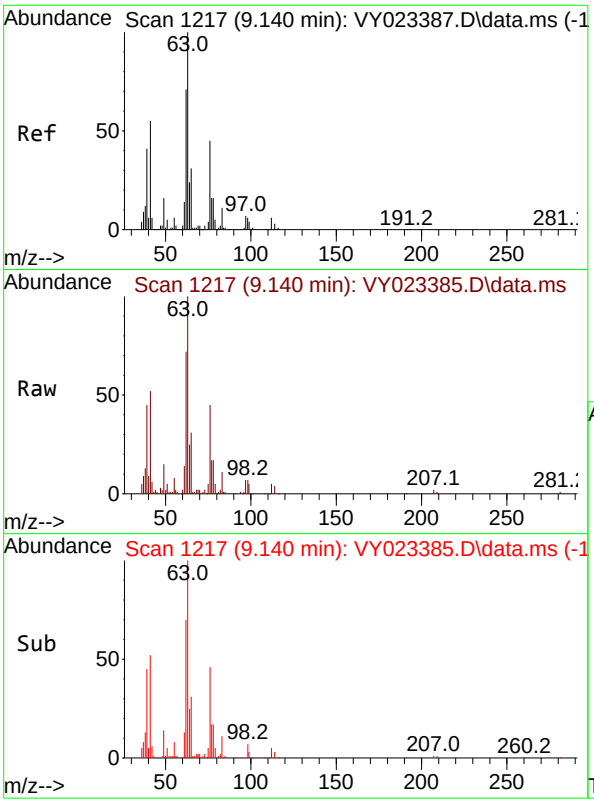


#44
Trichloroethene
Concen: 10.171 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:130 Resp: 64537

Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	180.6



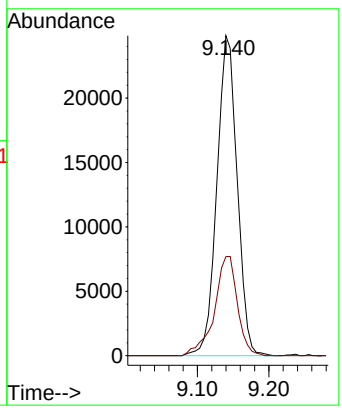


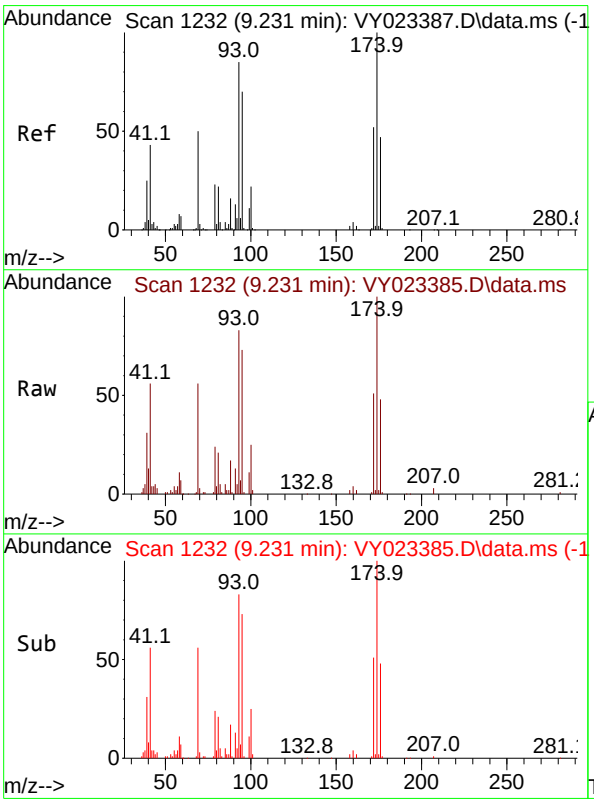
#45
1,2-Dichloropropane
Concen: 9.632 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 49009

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3

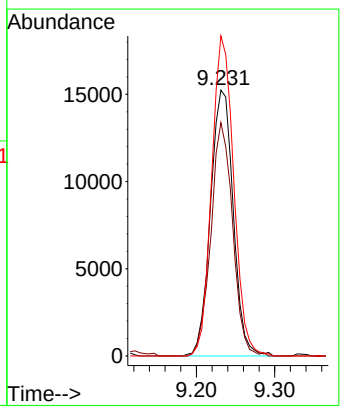


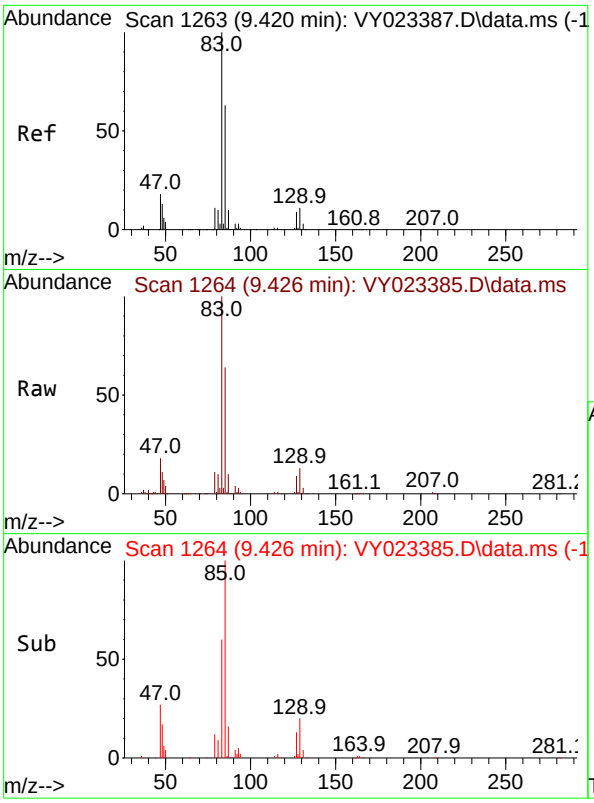


#46
Dibromomethane
Concen: 9.890 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 93 Resp: 30780

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.4	98.0
174	116.7	92.9	139.3



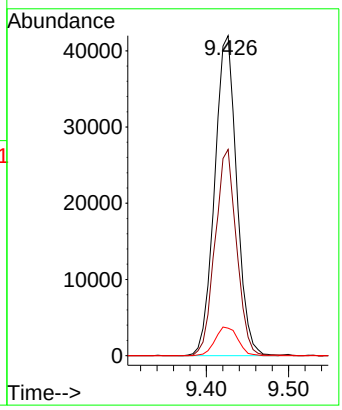


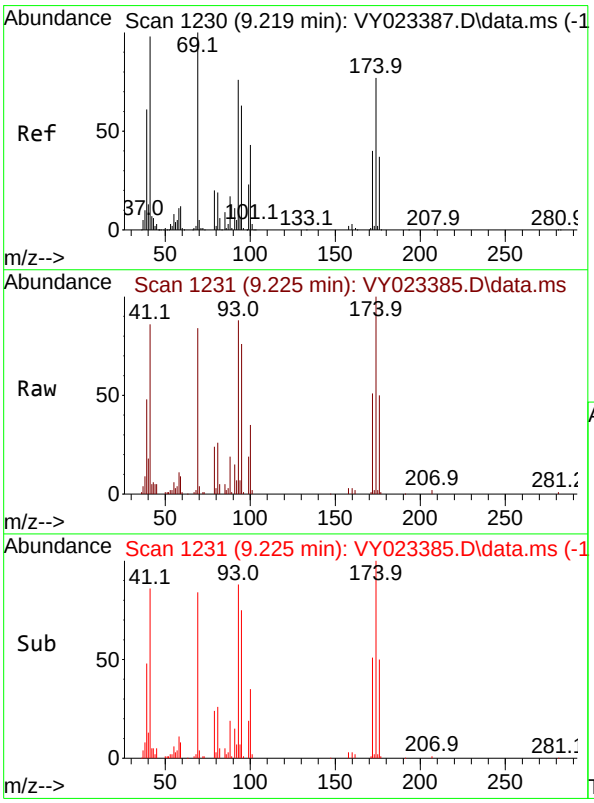
#47
Bromodichloromethane
Concen: 10.007 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 78392

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	8.6	7.4	11.2

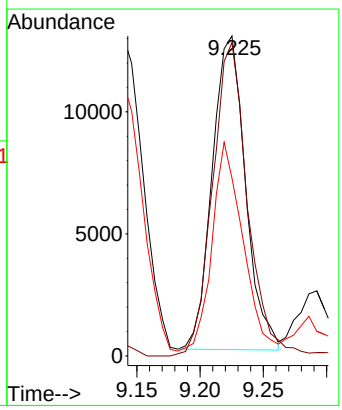


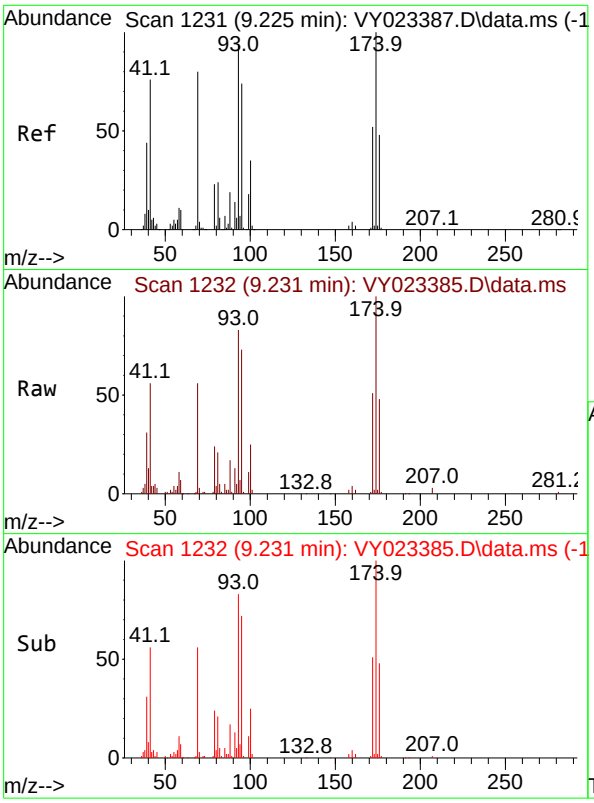


#48
Methyl methacrylate
Concen: 9.023 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 41 Resp: 23484

Ion	Ratio	Lower	Upper
41	100		
69	105.8	81.0	121.4
39	61.4	48.2	72.4



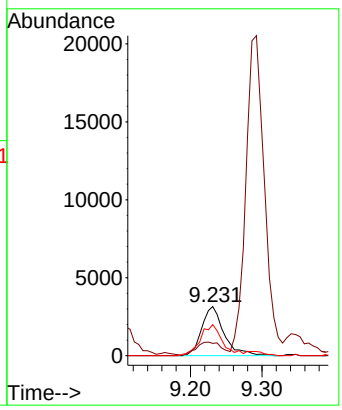


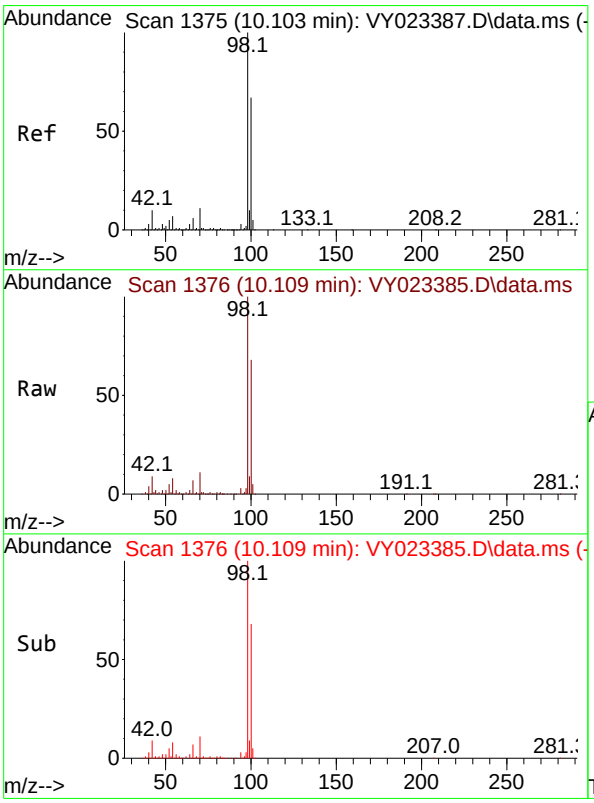
#49
1,4-Dioxane
Concen: 211.693 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 6822

Ion	Ratio	Lower	Upper
88	100		
43	32.1	21.8	32.8
58	62.0	46.8	70.2

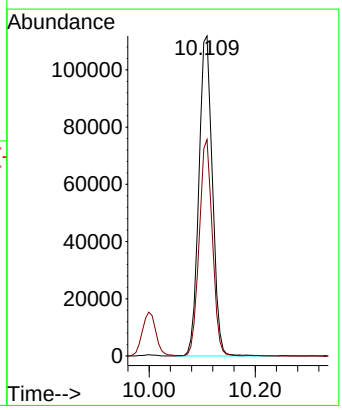


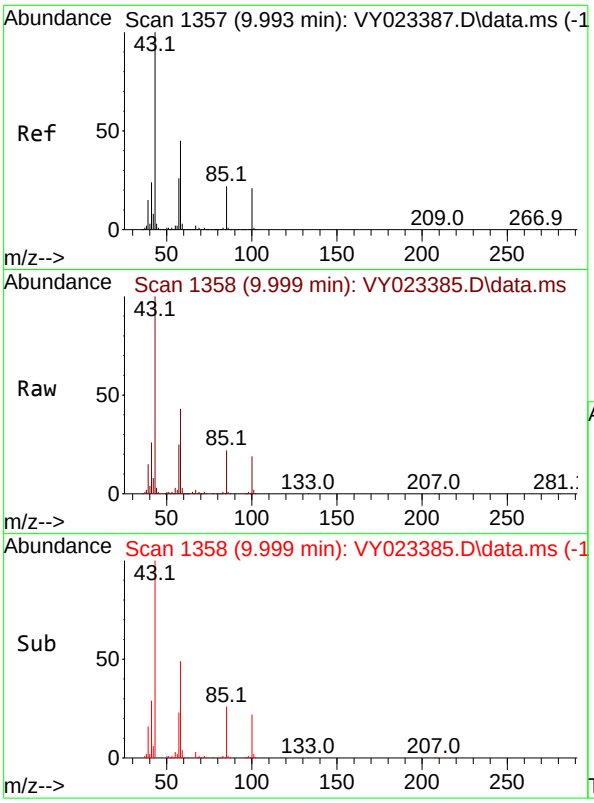


#50
Toluene-d8
Concen: 10.225 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 98 Resp: 198242

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



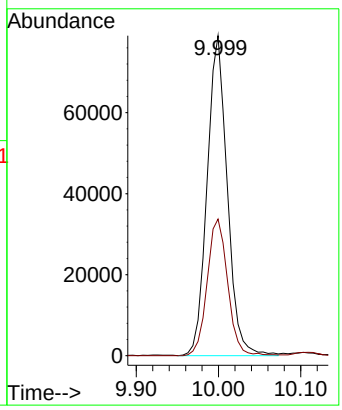


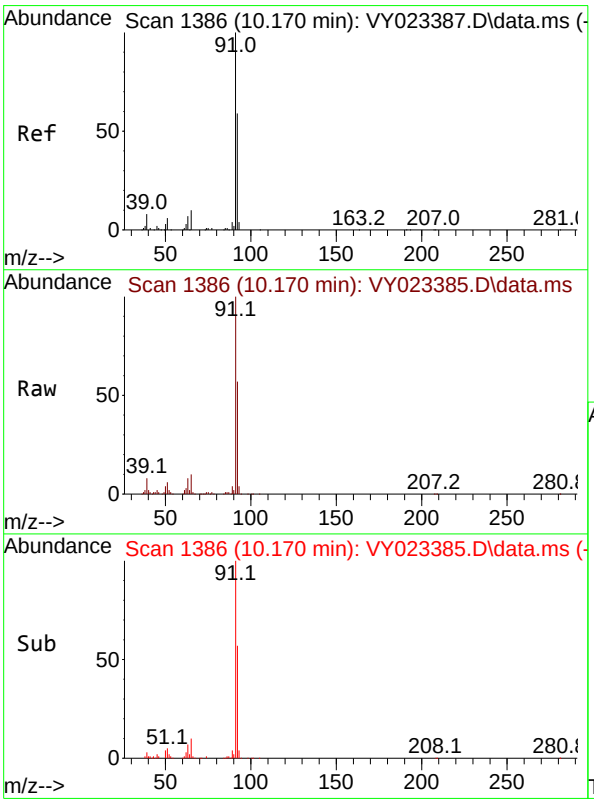
#51
4-Methyl-2-Pentanone
Concen: 47.165 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 134746

Ion	Ratio	Lower	Upper
43	100		
58	43.5	35.3	52.9

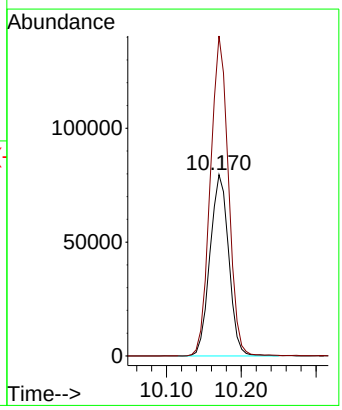


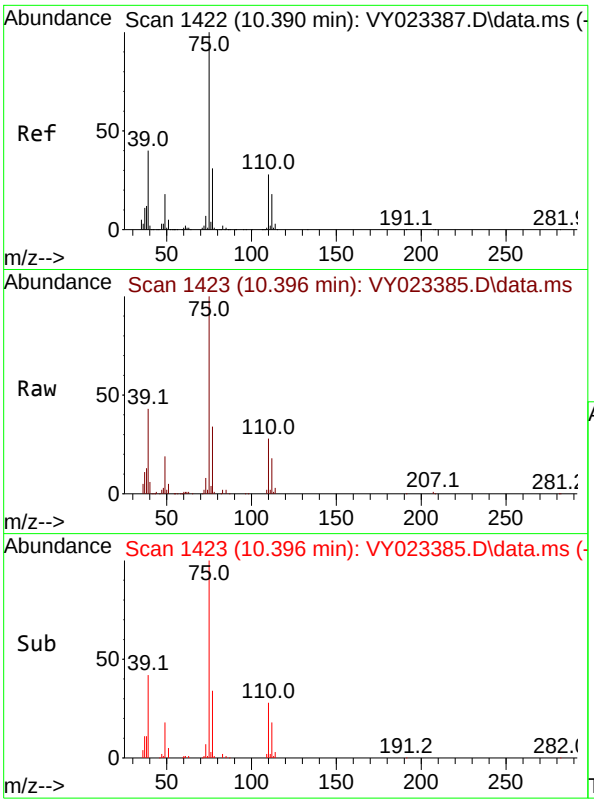


#52
Toluene
Concen: 9.661 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 92 Resp: 138662

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.4	204.6



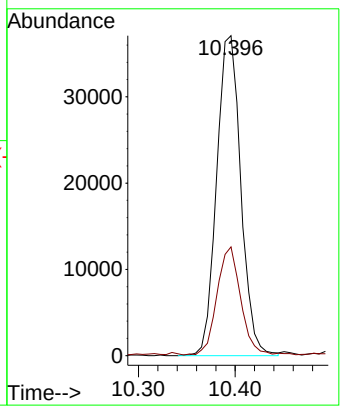


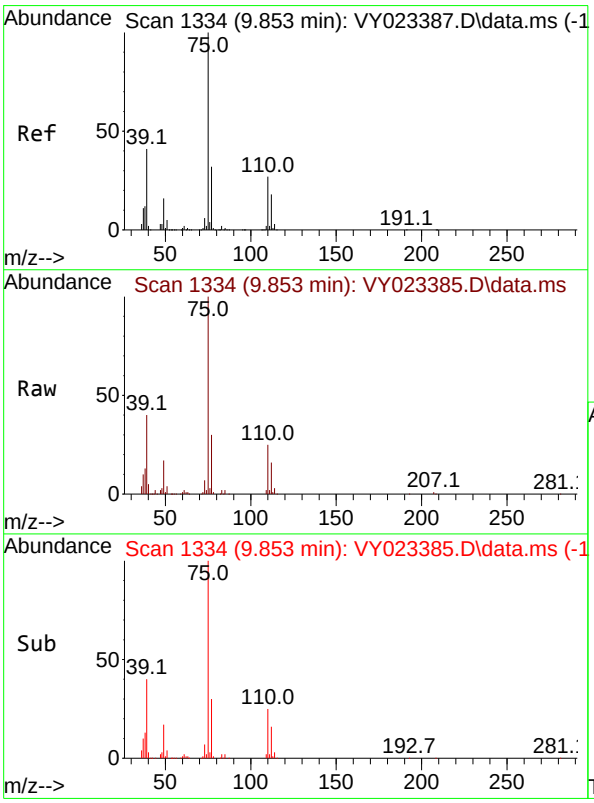
#53
t-1,3-Dichloropropene
Concen: 9.559 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 64315

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.1	37.7

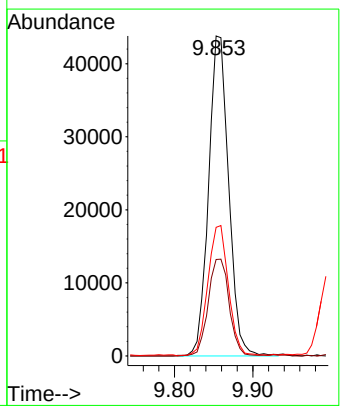


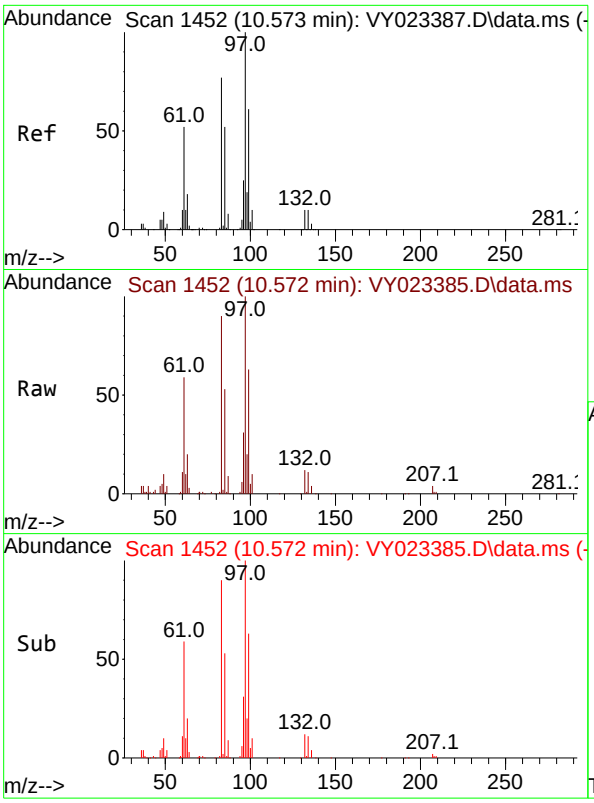


#54
cis-1,3-Dichloropropene
Concen: 9.687 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 77905

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.0
39	40.2	32.8	49.2



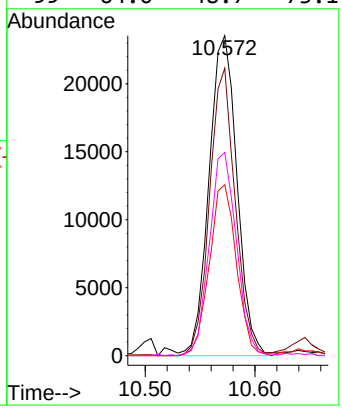


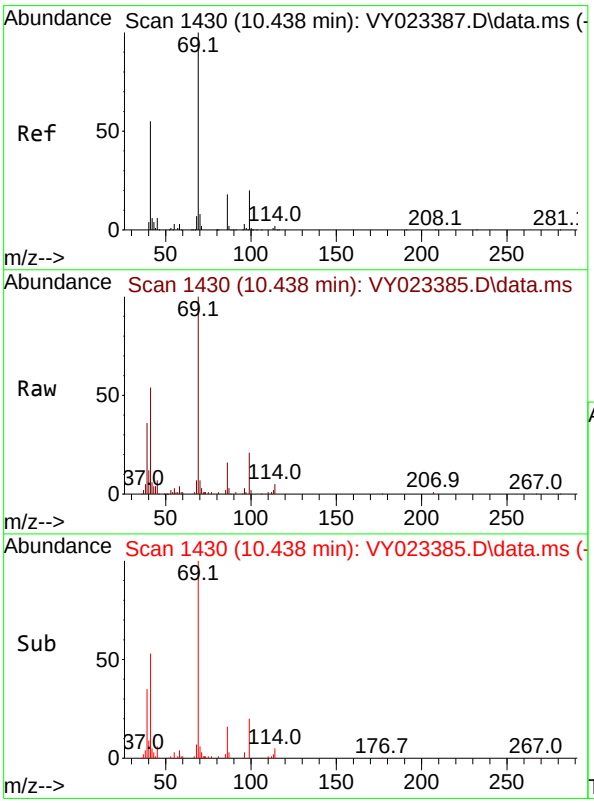
#55
1,1,2-Trichloroethane
Concen: 10.118 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 97 Resp: 41881

Ion	Ratio	Lower	Upper
97	100		
83	90.6	61.8	92.6
85	53.8	41.3	61.9
99	64.0	48.7	73.1

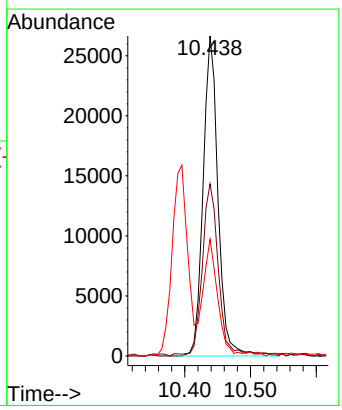


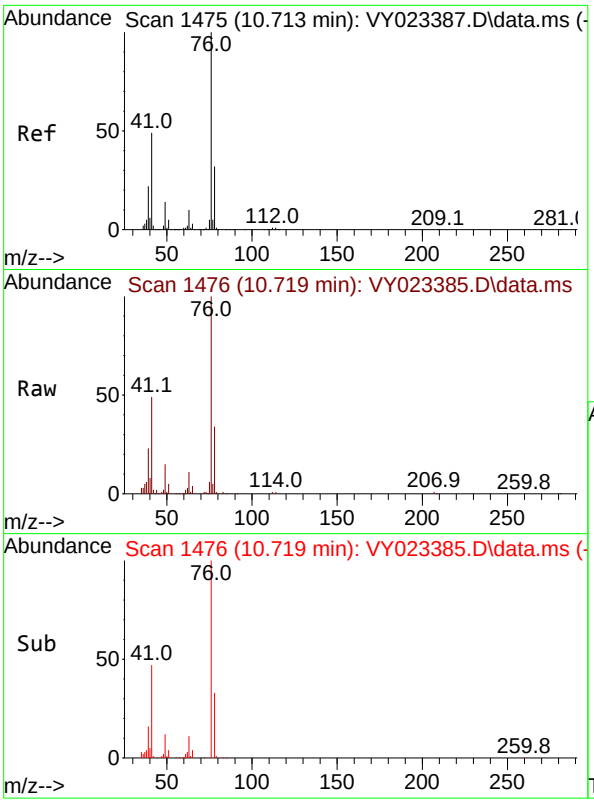


#56
Ethyl methacrylate
Concen: 8.830 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 69 Resp: 42096

Ion	Ratio	Lower	Upper
69	100		
41	58.1	44.6	67.0
39	34.5	27.0	40.4



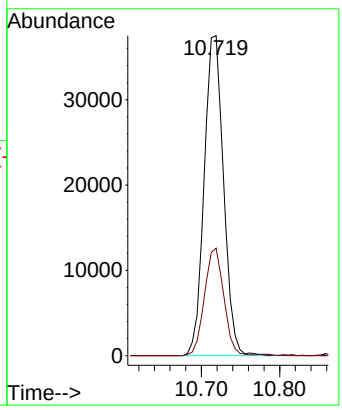


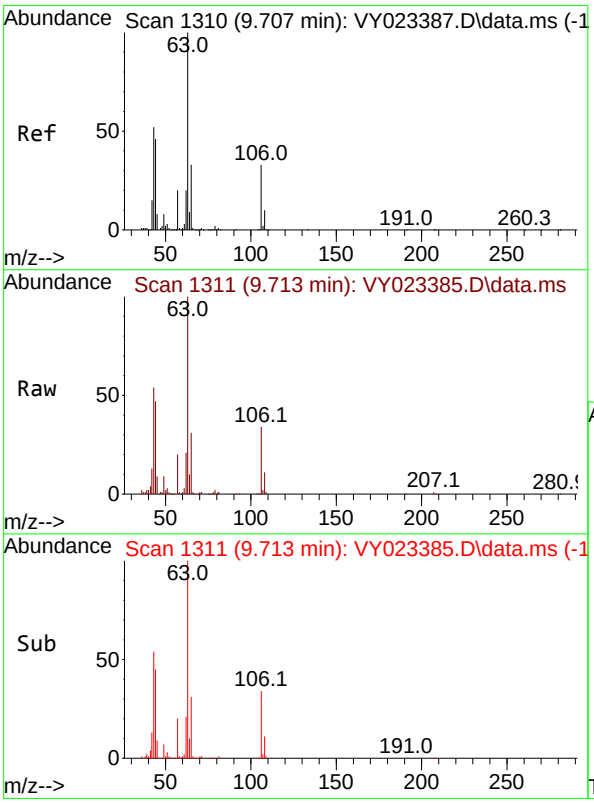
#57
1,3-Dichloropropane
Concen: 9.633 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 64537

Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.9	38.9

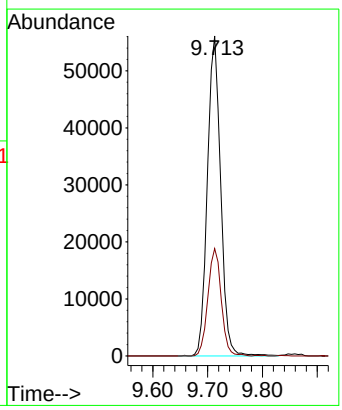


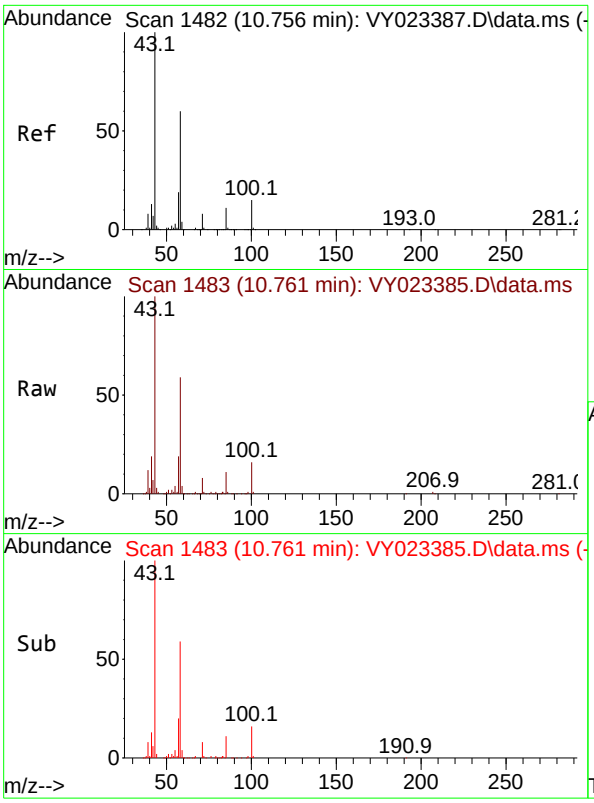


#58
2-Chloroethyl Vinyl ether
Concen: 44.994 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 63 Resp: 93842

Ion	Ratio	Lower	Upper
63	100		
106	33.8	26.6	39.8



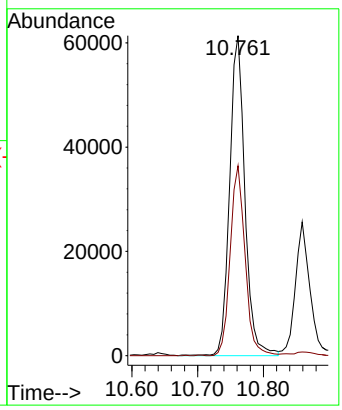


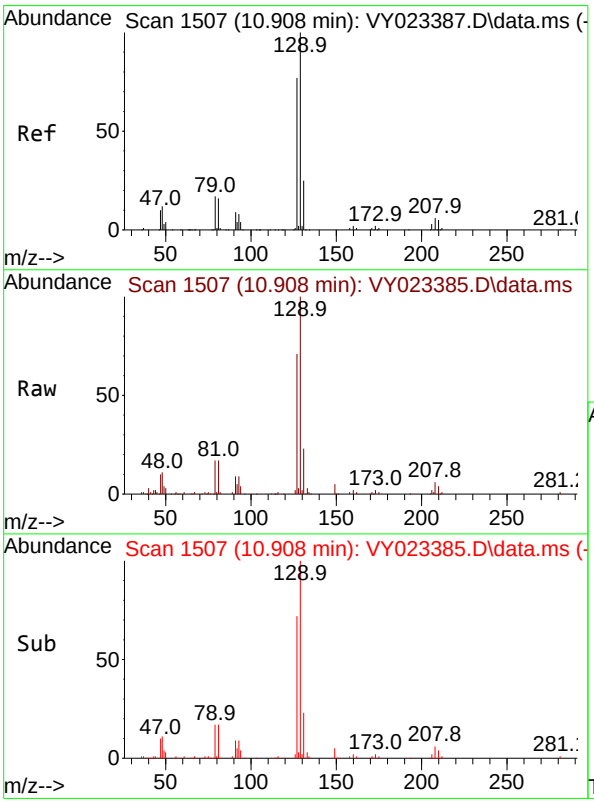
#59
2-Hexanone
Concen: 50.138 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 99175

Ion	Ratio	Lower	Upper
43	100		
58	58.0	30.5	91.5

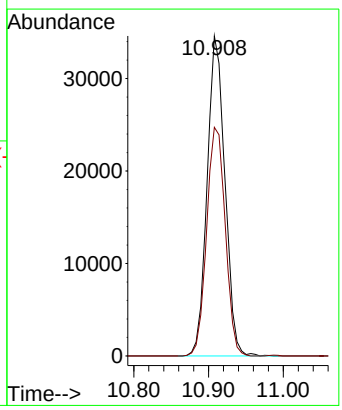


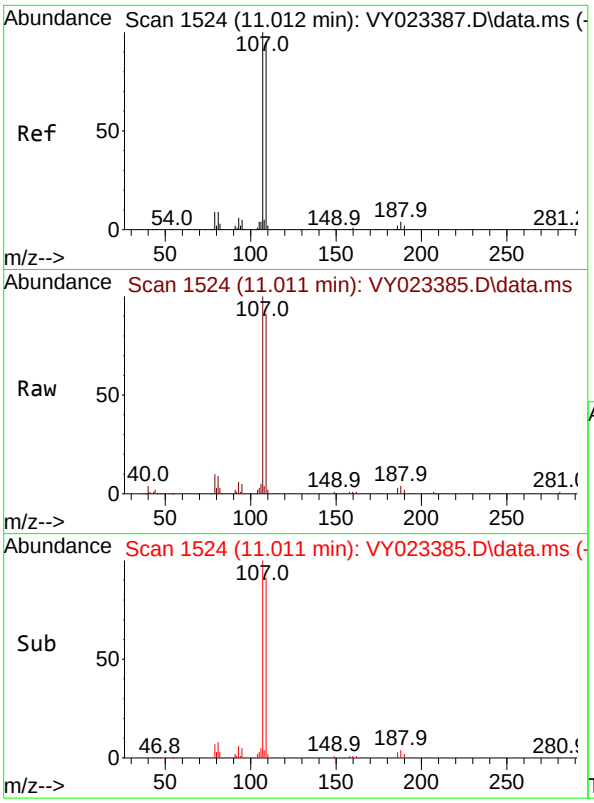


#60
Dibromochloromethane
Concen: 10.123 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:129 Resp: 57151

Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.6	115.7



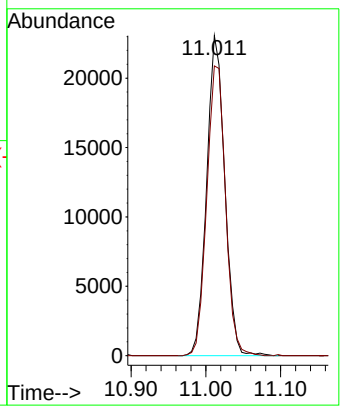


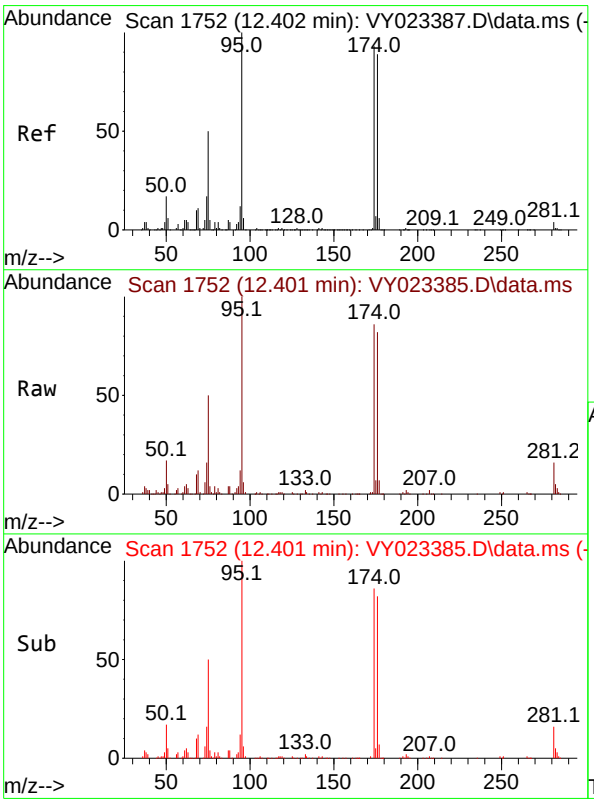
#61
1,2-Dibromoethane
Concen: 9.979 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 38861

Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.1	114.1

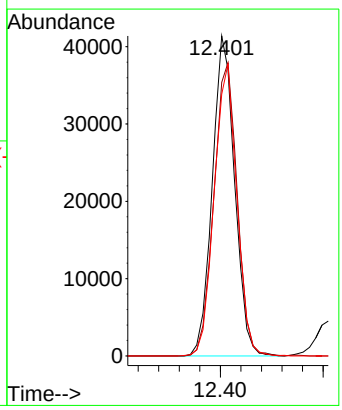


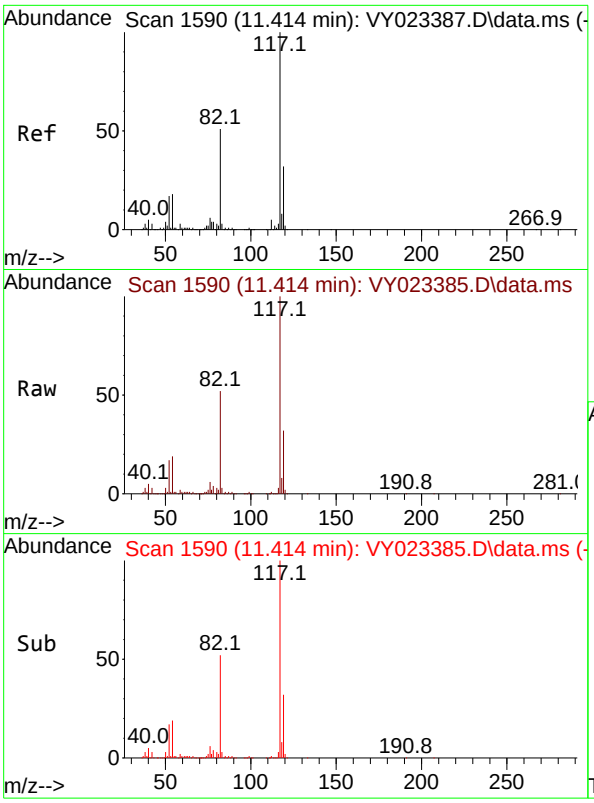


#62
4-Bromofluorobenzene
Concen: 10.235 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 95 Resp: 62601

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	192.8
176	92.1	0.0	187.6



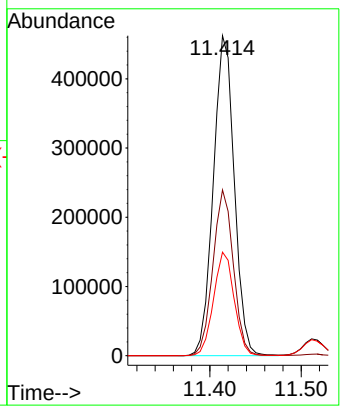


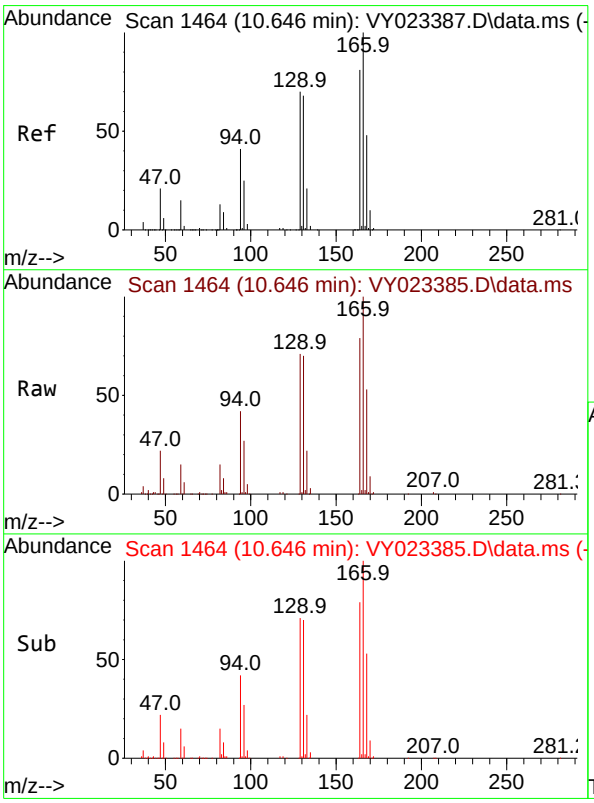
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 736152

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.0	61.4
119	32.3	25.6	38.4

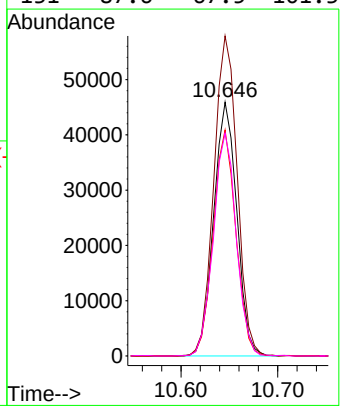


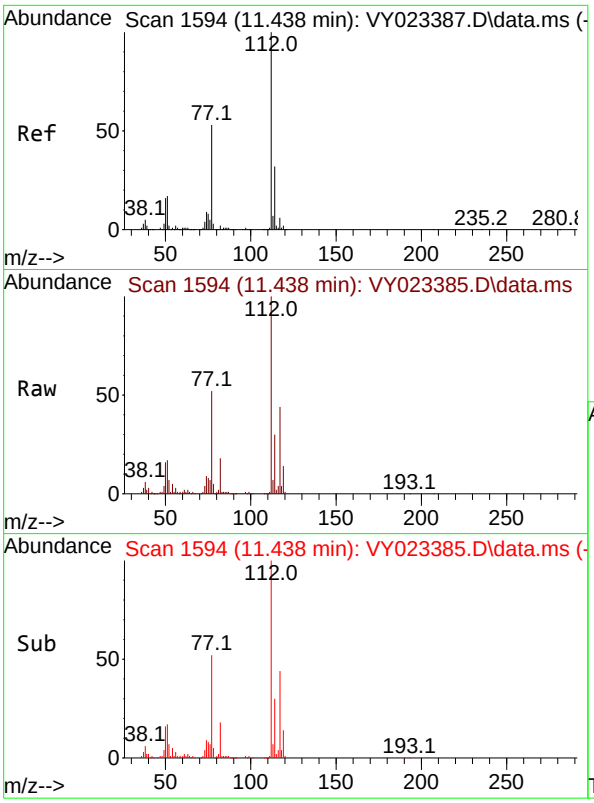


#64
Tetrachloroethene
Concen: 10.335 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:164 Resp: 76110

Ion	Ratio	Lower	Upper
164	100		
166	126.1	99.4	149.0
129	89.0	69.4	104.2
131	87.6	67.5	101.3



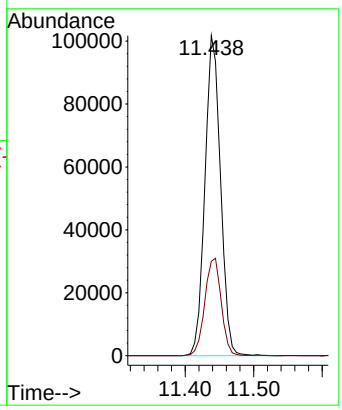


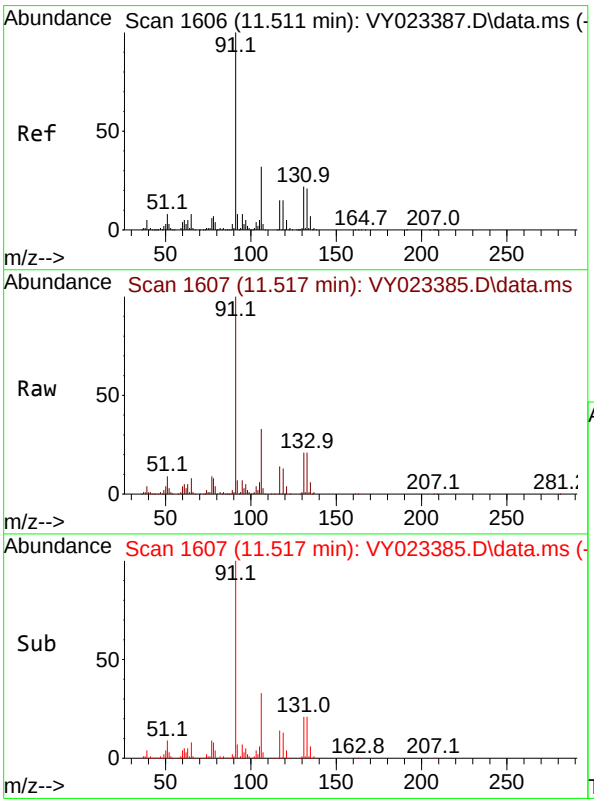
#65
Chlorobenzene
Concen: 10.074 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 161155

Ion	Ratio	Lower	Upper
112	100		
114	29.5	25.6	38.4

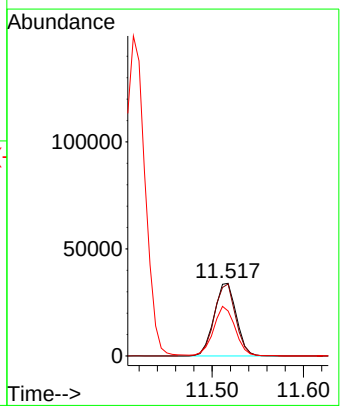


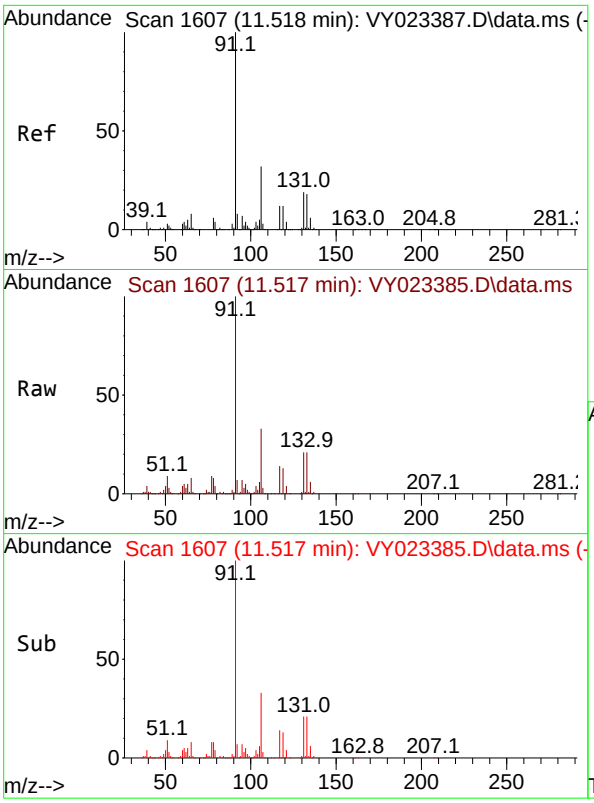


#66
1,1,1,2-Tetrachloroethane
Concen: 10.173 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:131 Resp: 57233

Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.4	145.2
119	66.9	32.4	97.2



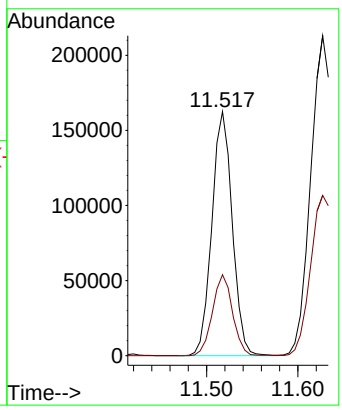


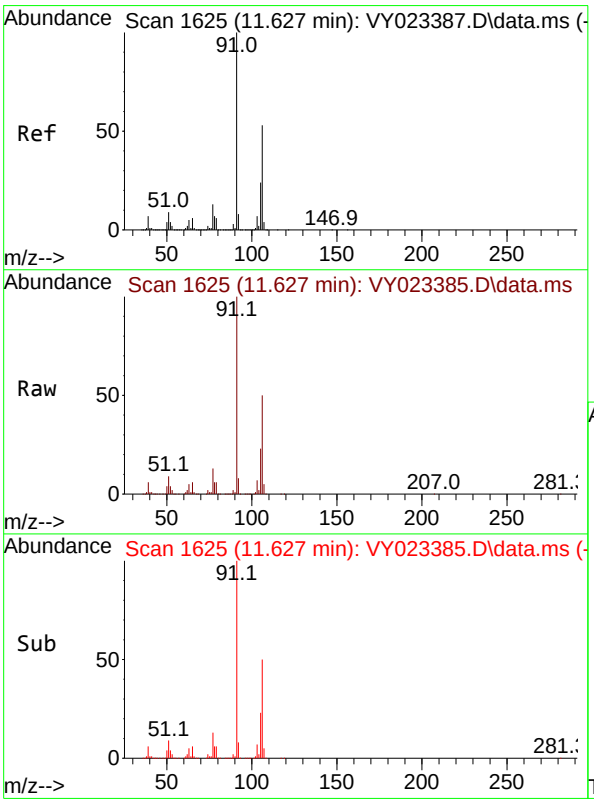
#67
Ethyl Benzene
Concen: 9.651 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 251958

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.8	38.8

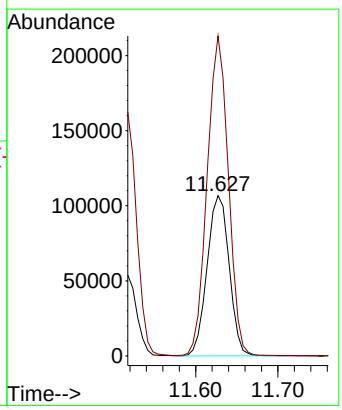


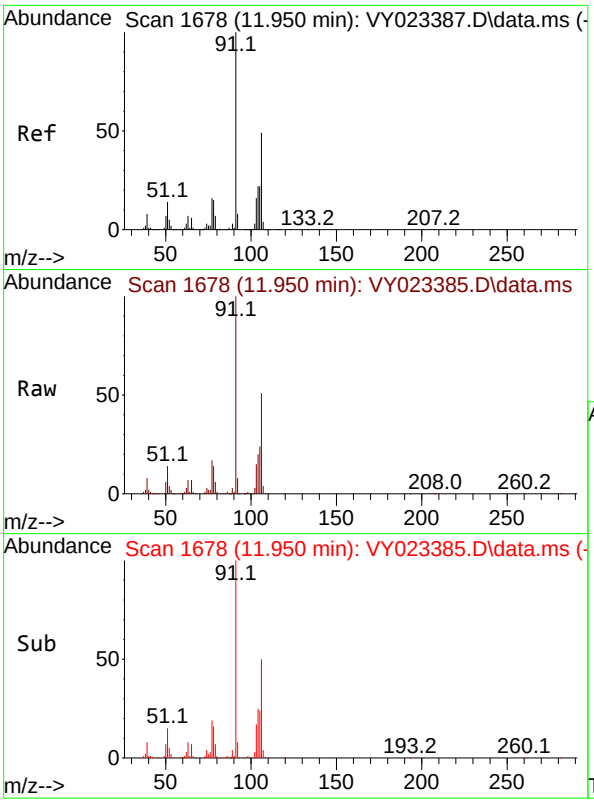


#68
m/p-Xylenes
Concen: 19.004 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:106 Resp: 198866

Ion	Ratio	Lower	Upper
106	100		
91	192.3	152.6	229.0



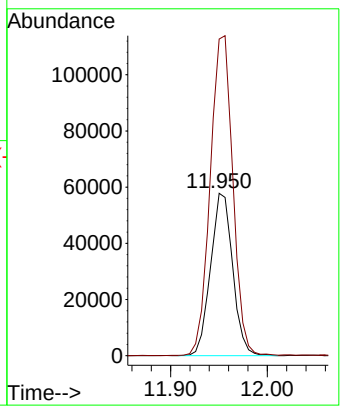


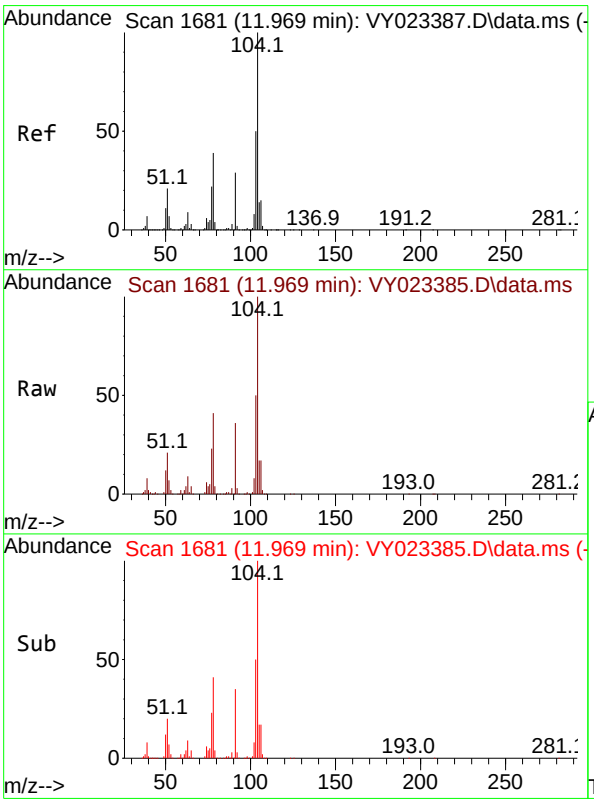
#69
o-Xylene
Concen: 9.467 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 91710

Ion	Ratio	Lower	Upper
106	100		
91	202.0	101.4	304.1

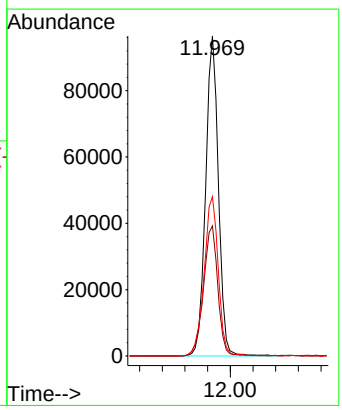


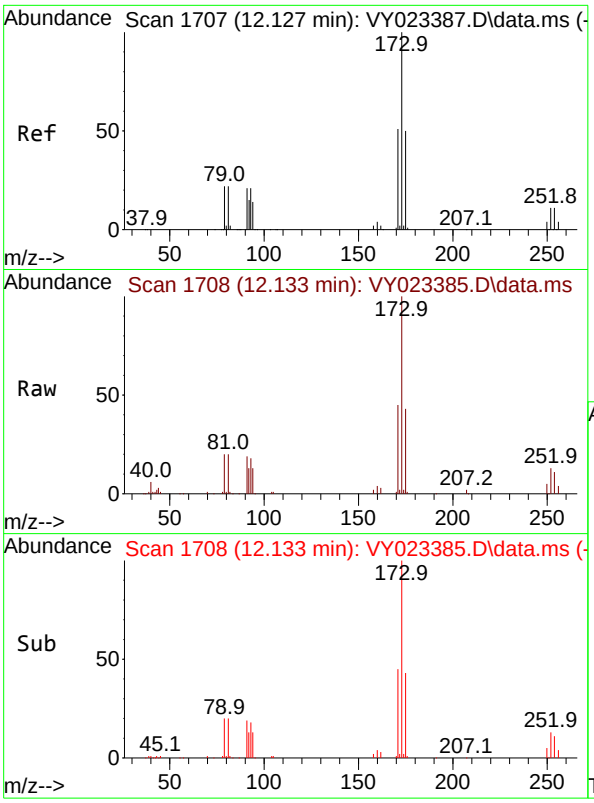


#70
Styrene
Concen: 9.446 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:104 Resp: 151094

Ion	Ratio	Lower	Upper
104	100		
78	45.4	36.1	54.1
103	55.0	43.2	64.8



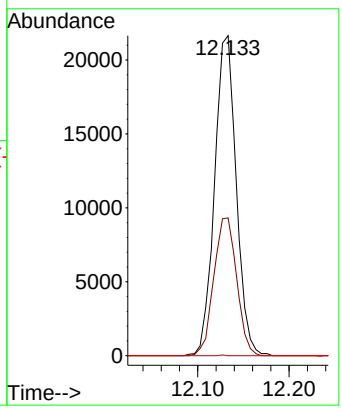


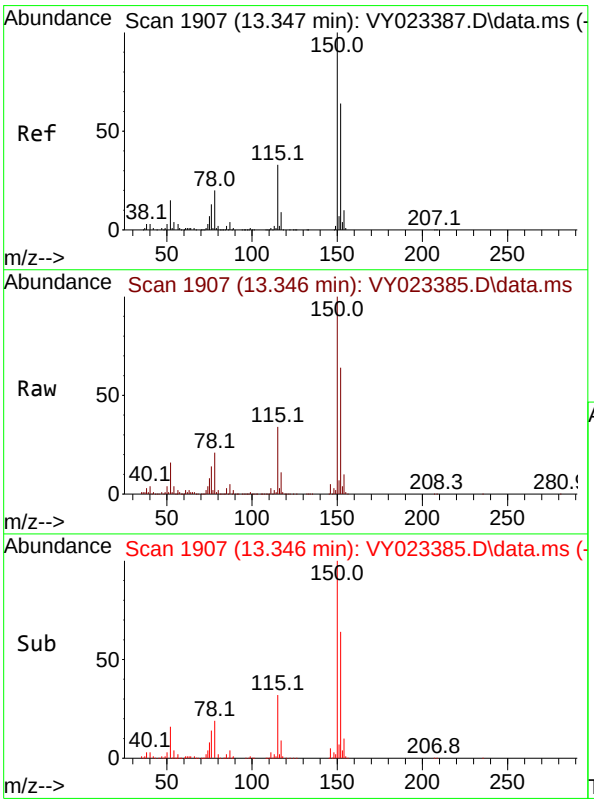
#71
Bromoform
Concen: 10.595 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:173 Resp: 35681

Ion	Ratio	Lower	Upper
173	100		
175	45.5	24.8	74.3
254	0.1	0.1	0.1#

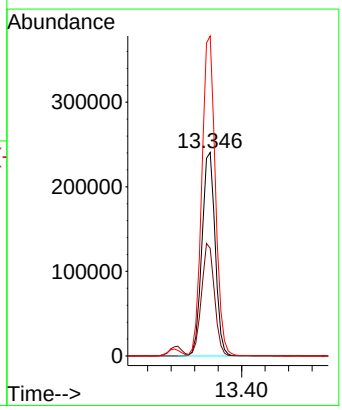


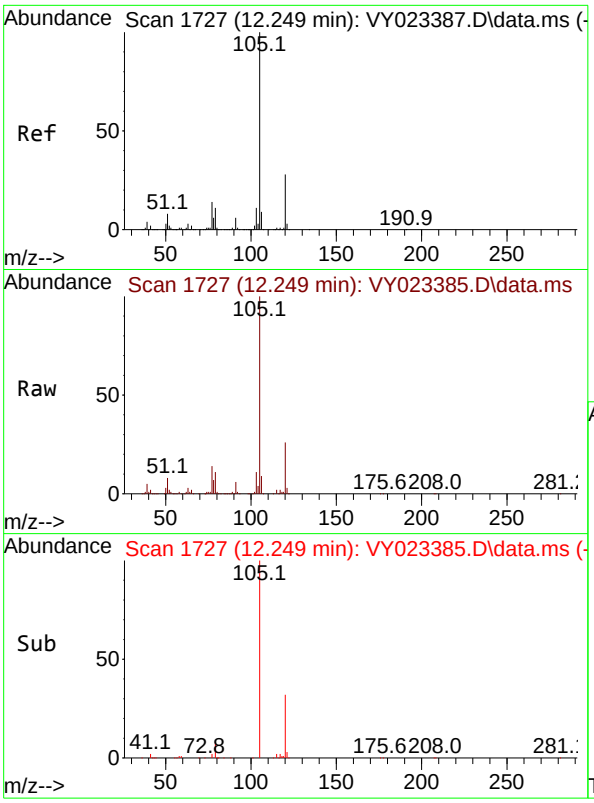


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:152 Resp: 374998

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.2
150	160.7	0.0	347.4



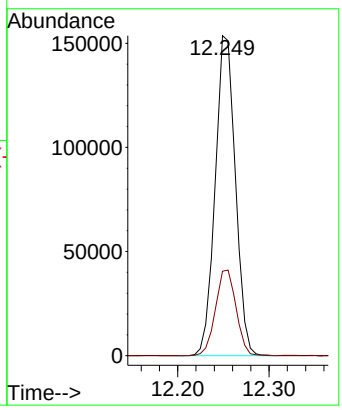


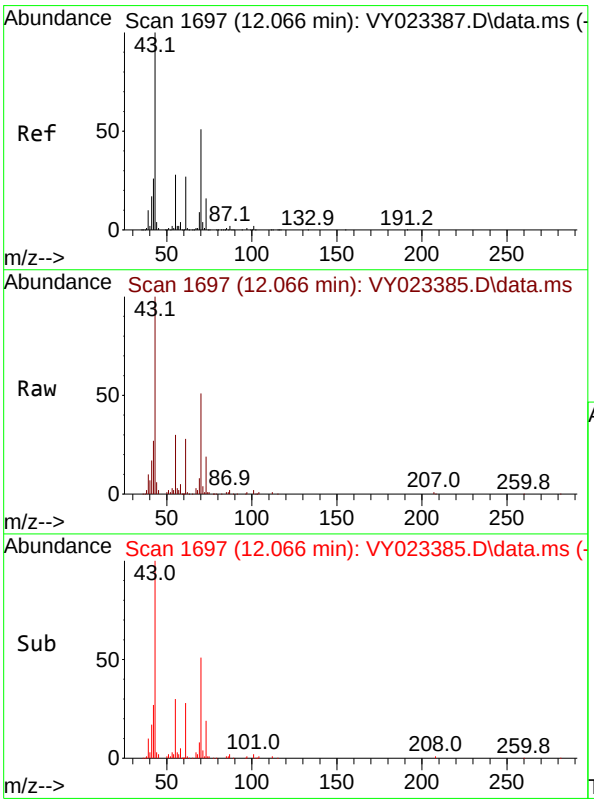
#73
Isopropylbenzene
Concen: 9.467 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 236489

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.9	41.7

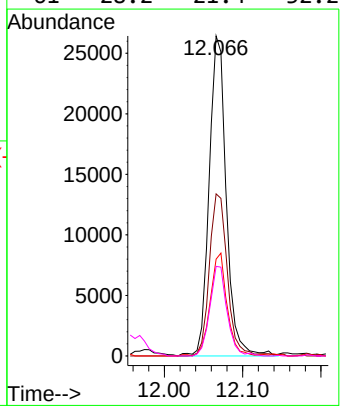


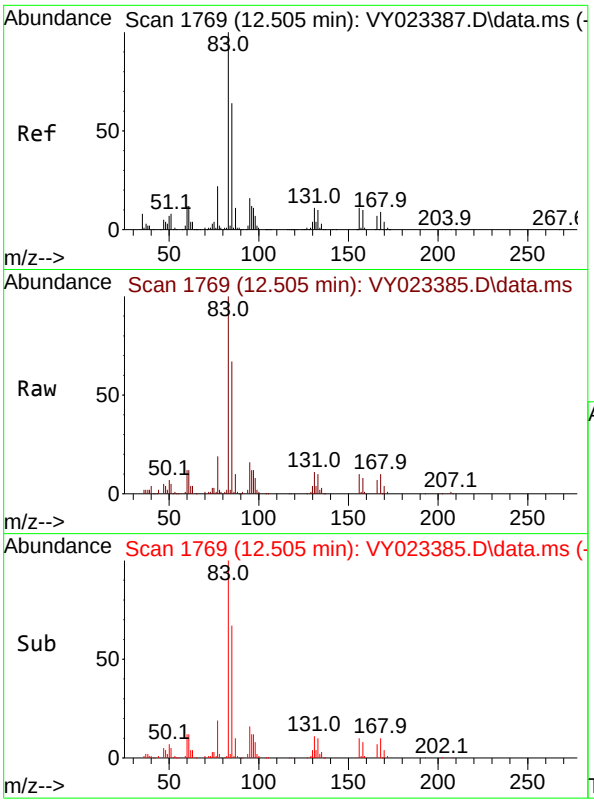


#74
N-amyl acetate
Concen: 8.590 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 43 Resp: 40098

Ion	Ratio	Lower	Upper
43	100		
70	52.7	41.1	61.7
55	31.6	23.0	34.6
61	28.2	21.4	32.2



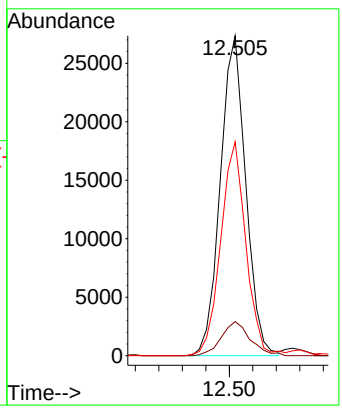


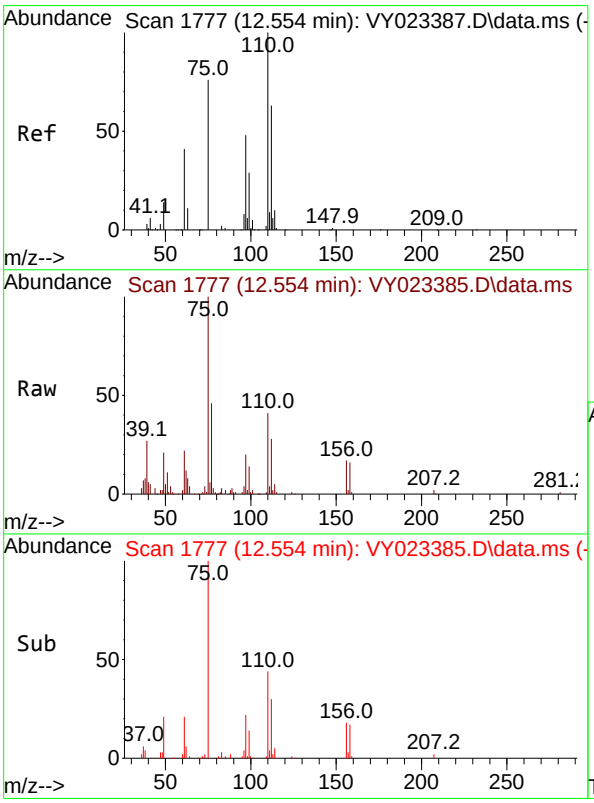
#75
1,1,2,2-Tetrachloroethane
Concen: 9.871 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 41130

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.9	17.6
85	66.1	31.8	95.3

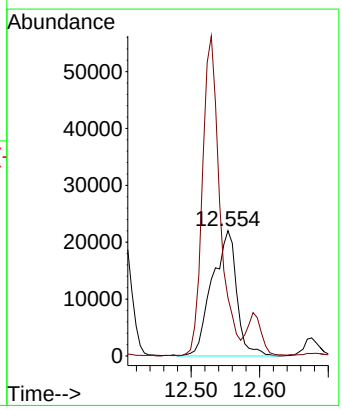


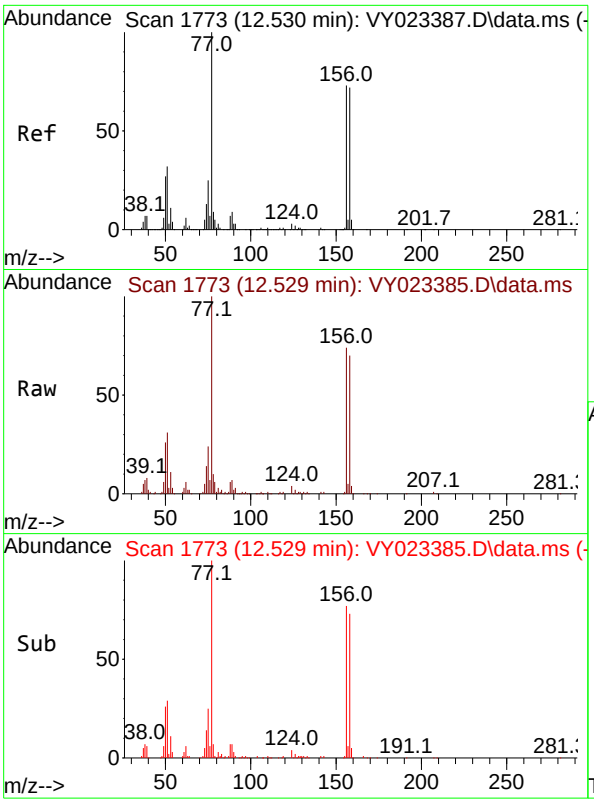


#76
1,2,3-Trichloropropane
Concen: 14.827 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 54844

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



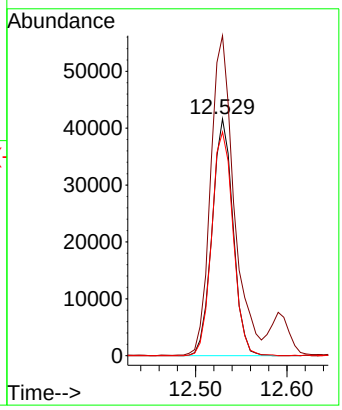


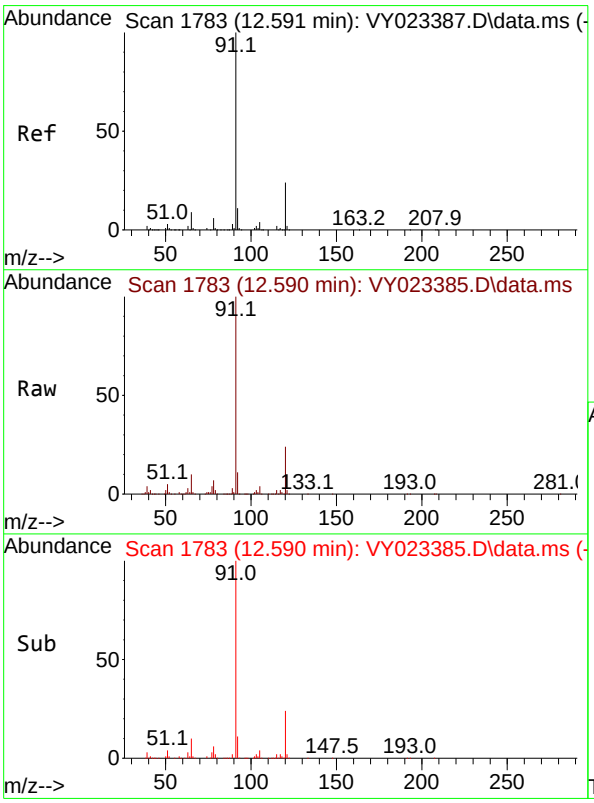
#77
Bromobenzene
Concen: 10.295 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 66002

Ion	Ratio	Lower	Upper
156	100		
77	151.8	76.8	230.5
158	97.0	49.0	147.2

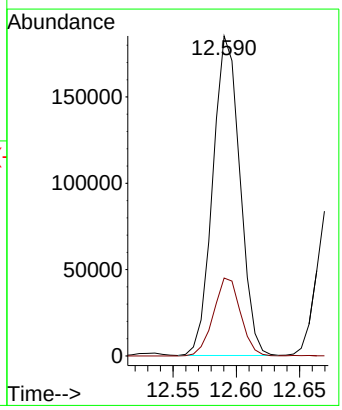


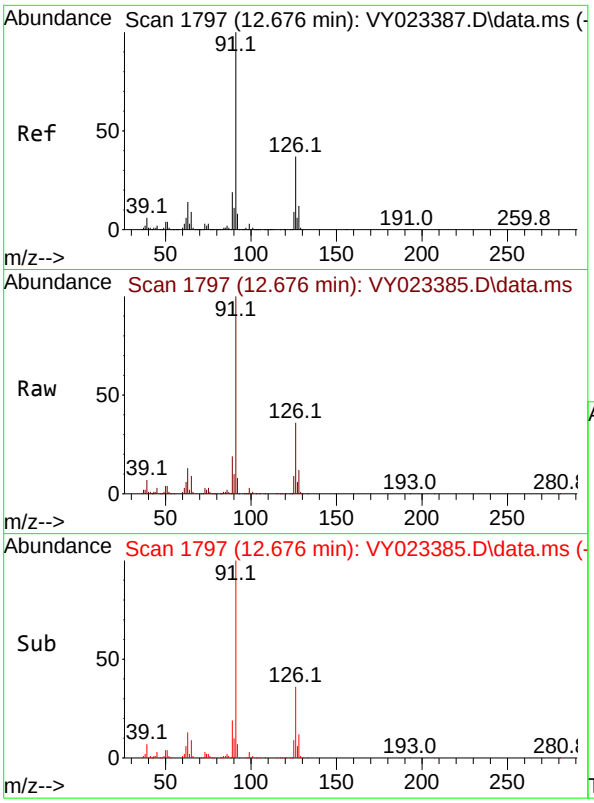


#78
n-propylbenzene
Concen: 9.384 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 275671

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.8



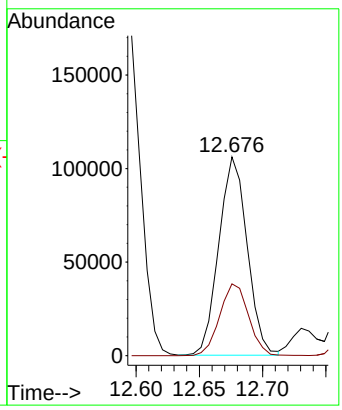


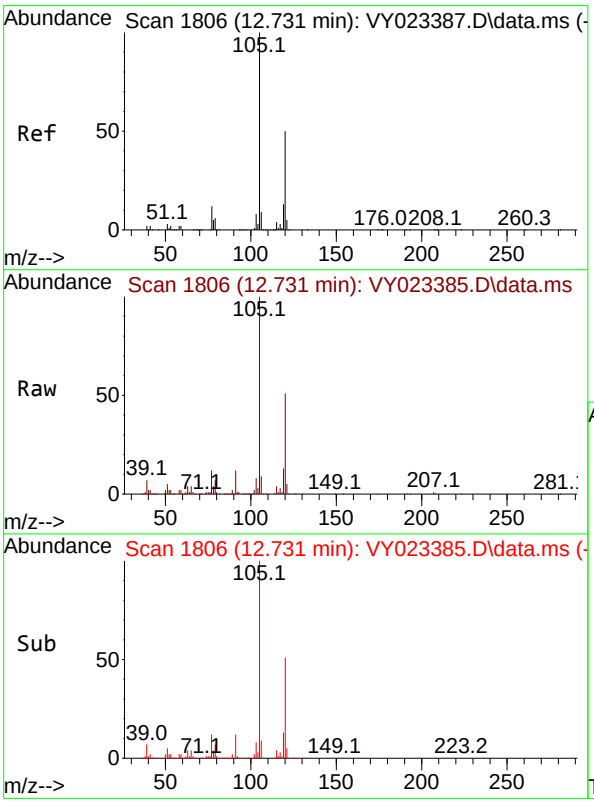
#79
2-Chlorotoluene
Concen: 9.762 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 165582

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5

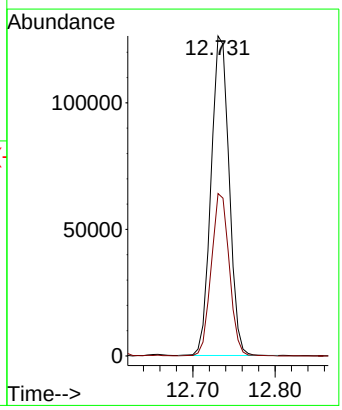


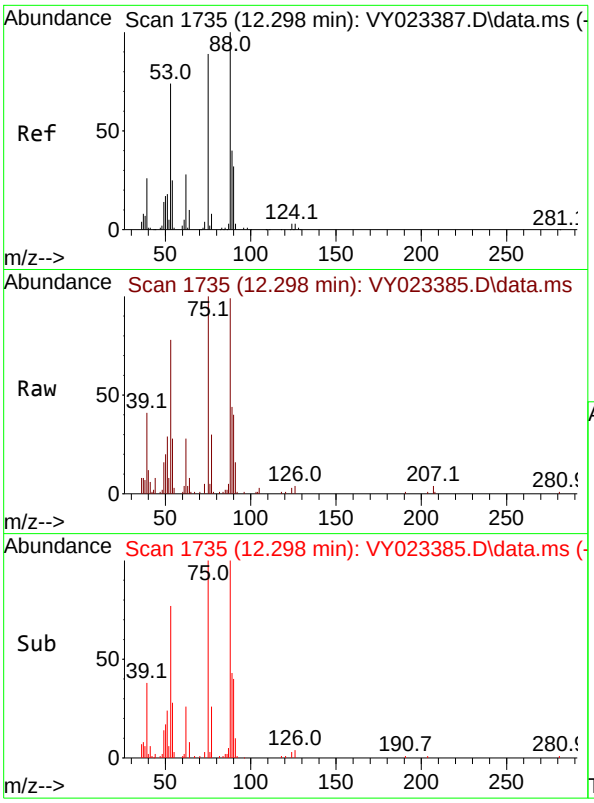


#80
1,3,5-Trimethylbenzene
Concen: 9.445 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 191799

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.4	76.4



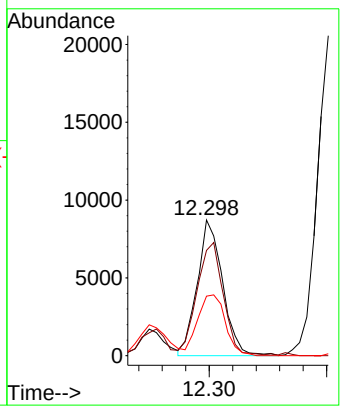


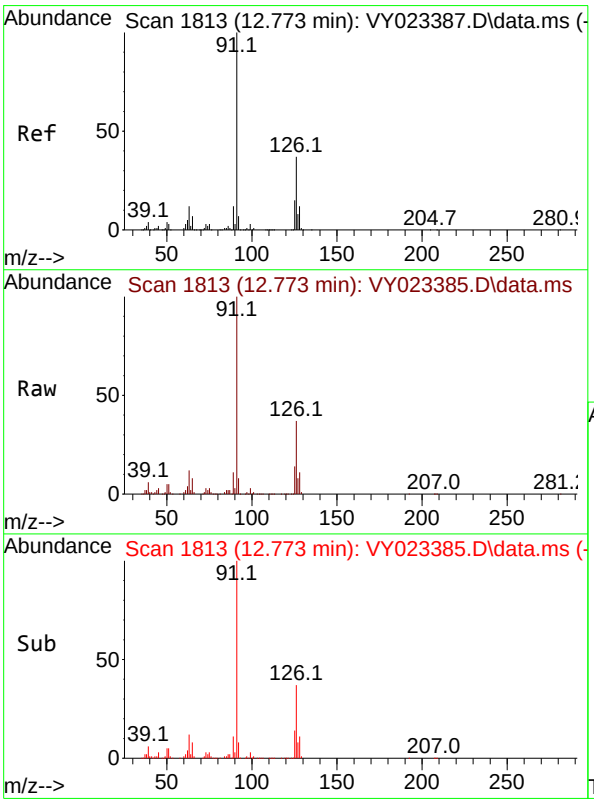
#81
trans-1,4-Dichloro-2-butene
Concen: 9.556 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 13110

Ion	Ratio	Lower	Upper
75	100		
53	84.6	68.6	102.8
89	48.5	39.0	58.4

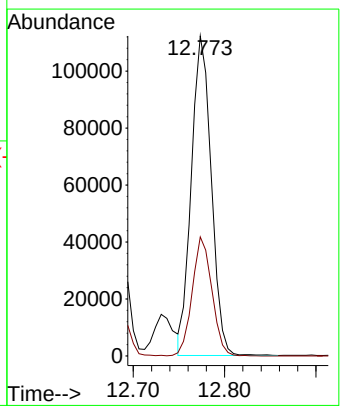


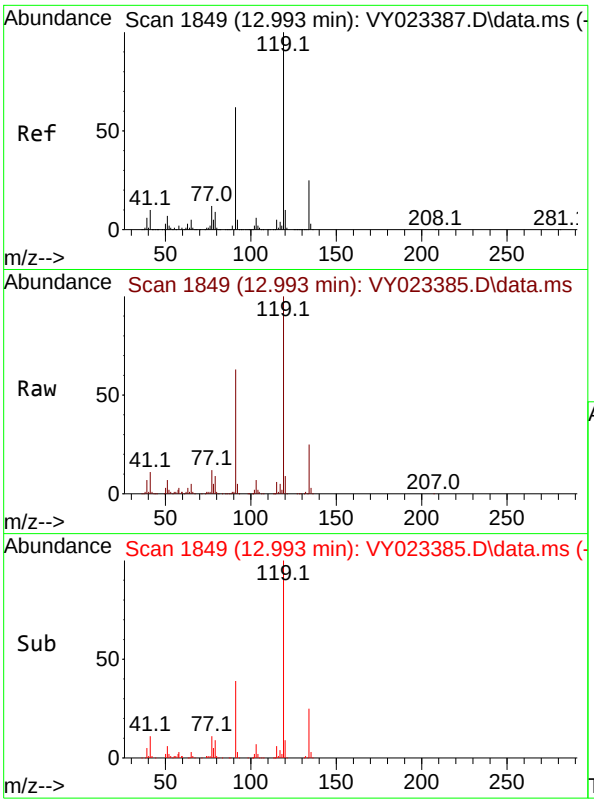


#82
4-Chlorotoluene
Concen: 9.595 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 91 Resp: 169968

Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.4	55.4



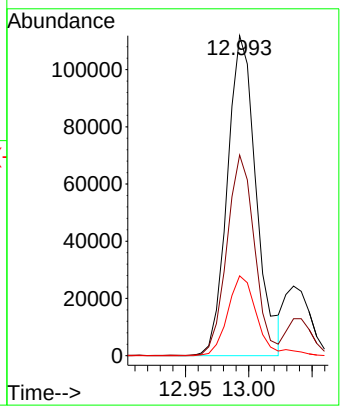


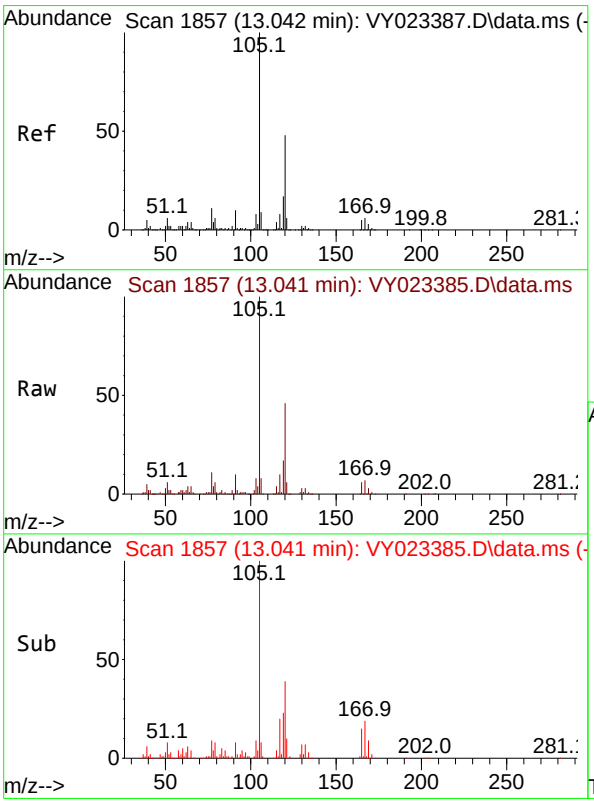
#83
tert-Butylbenzene
Concen: 9.579 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 177250

Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.9	89.8
134	25.6	12.9	38.7

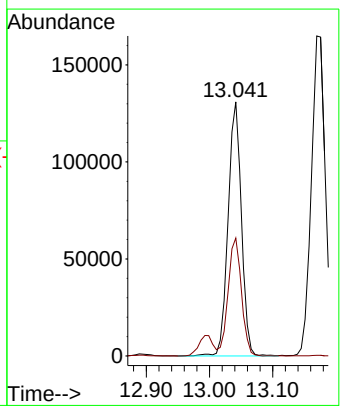


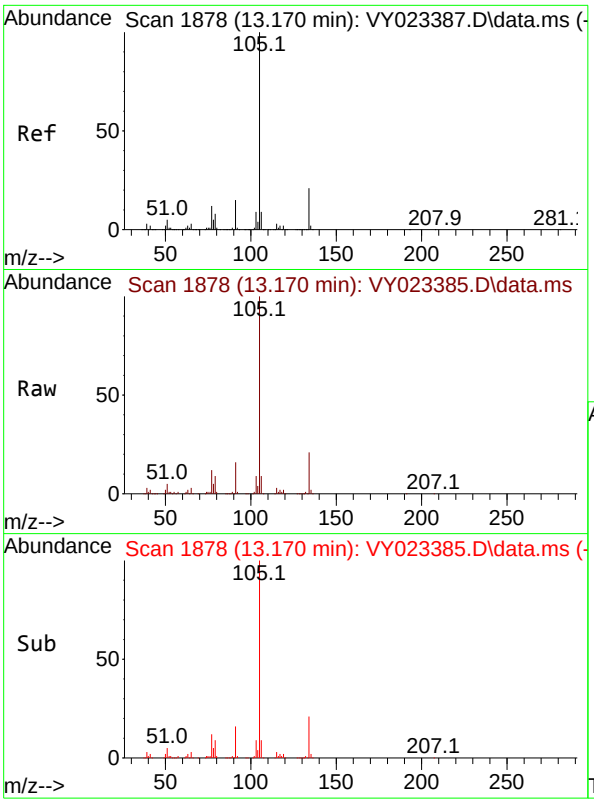


#84
1,2,4-Trimethylbenzene
Concen: 9.528 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:105 Resp: 191423

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.8	71.2



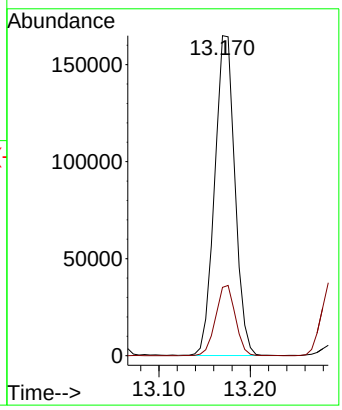


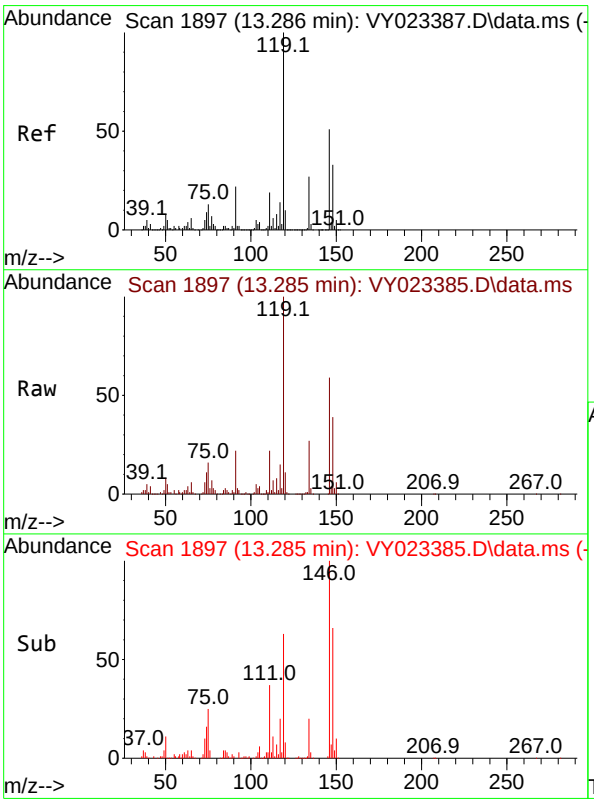
#85
sec-Butylbenzene
Concen: 9.483 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 254134

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1

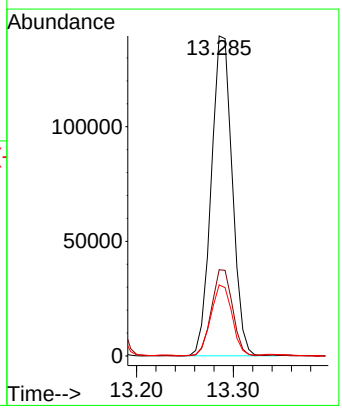


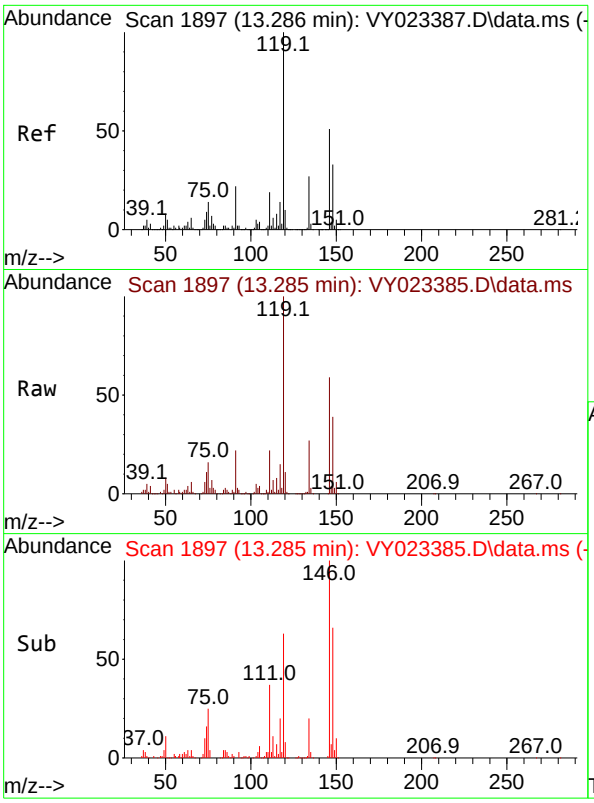


#86
p-Isopropyltoluene
Concen: 9.287 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:119 Resp: 210320

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.3	10.9	32.9



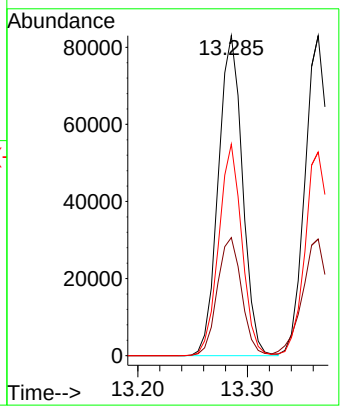


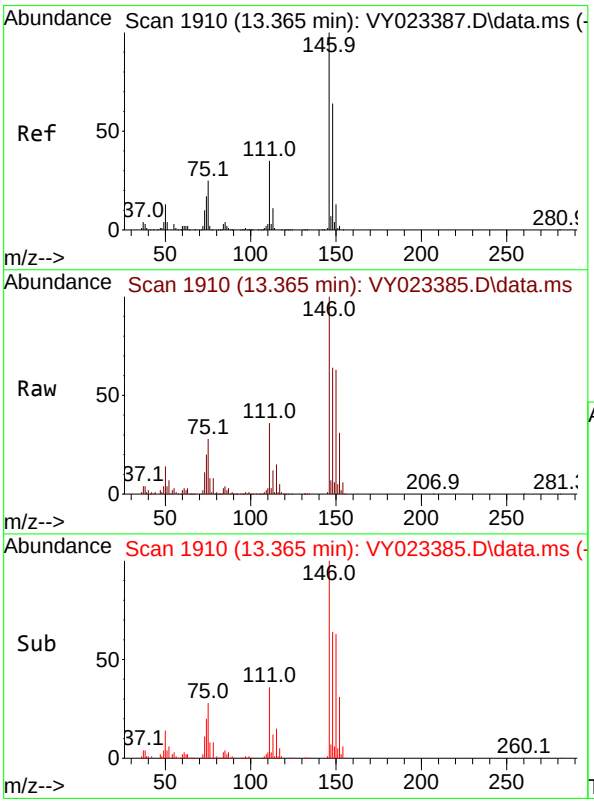
#87
1,3-Dichlorobenzene
Concen: 10.058 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 127377

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.2	31.9	95.9

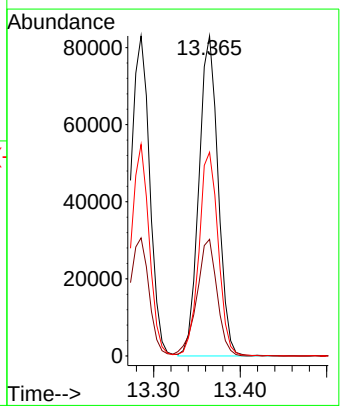


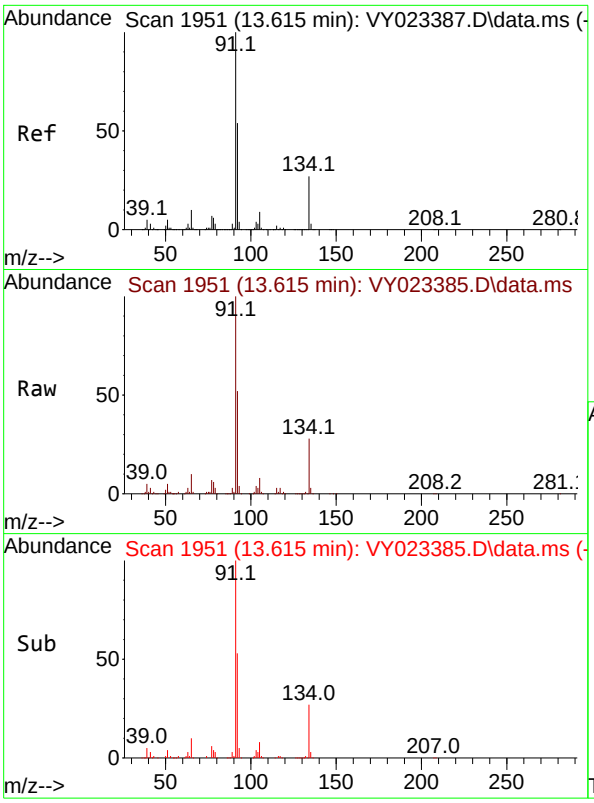


#88
1,4-Dichlorobenzene
Concen: 10.172 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:146 Resp: 127757

Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.0	54.0
148	64.2	31.9	95.7



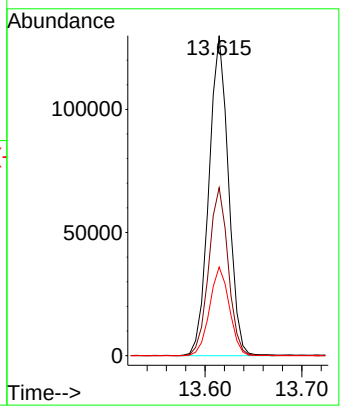


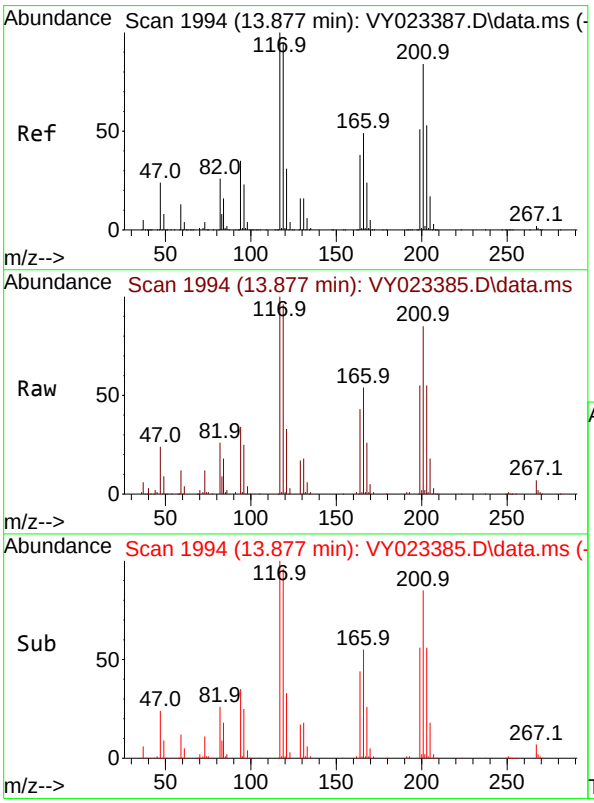
#89
n-Butylbenzene
Concen: 9.107 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 182116

Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.0	80.8
134	28.0	14.1	42.2

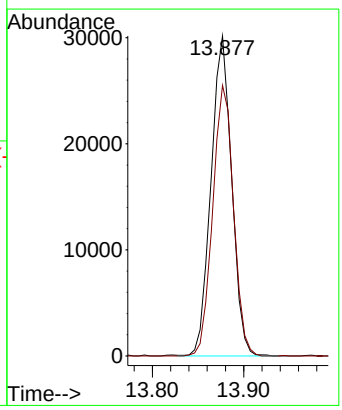


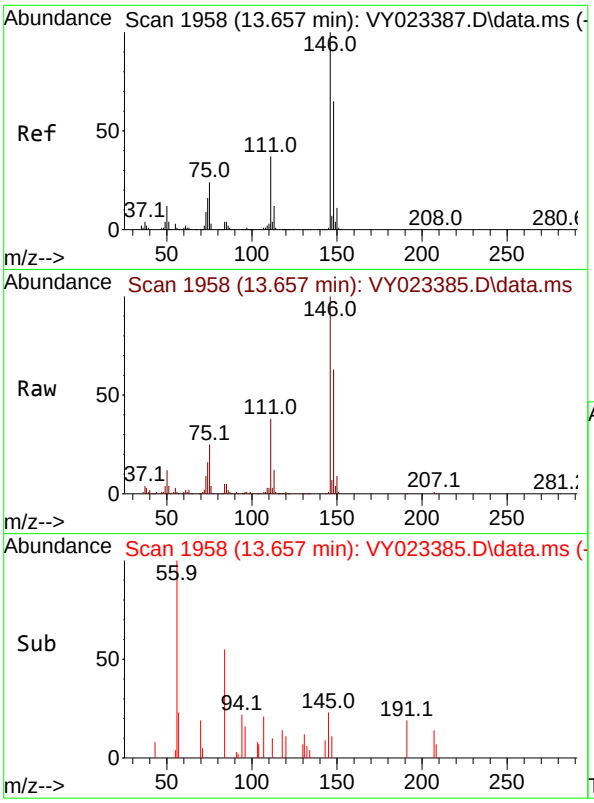


#90
Hexachloroethane
Concen: 9.630 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:117 Resp: 47355

Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.8	131.4



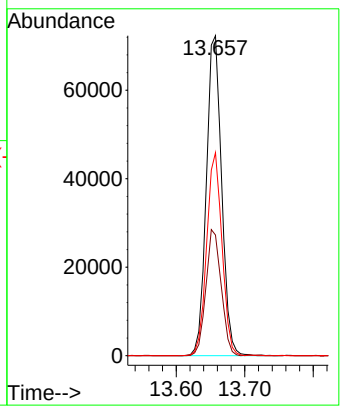


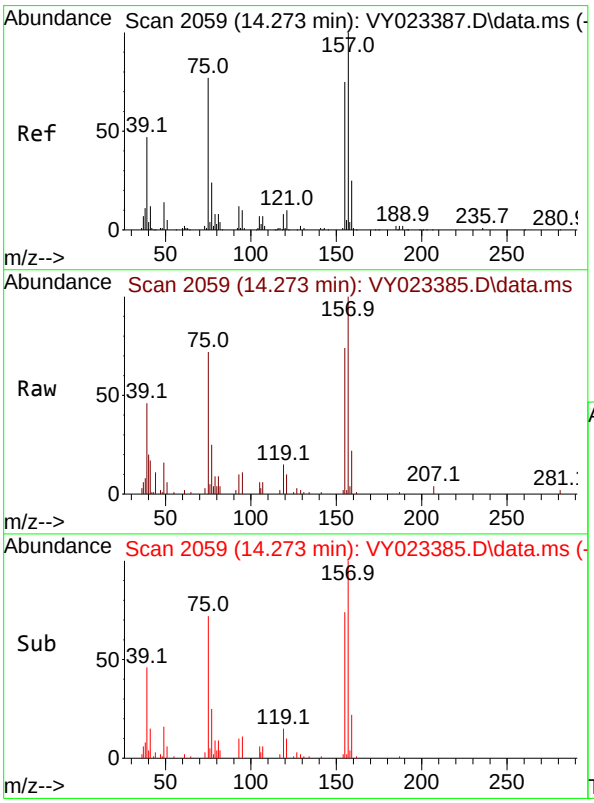
#91
1,2-Dichlorobenzene
Concen: 10.165 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 112325

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.0	57.0
148	63.4	32.1	96.3

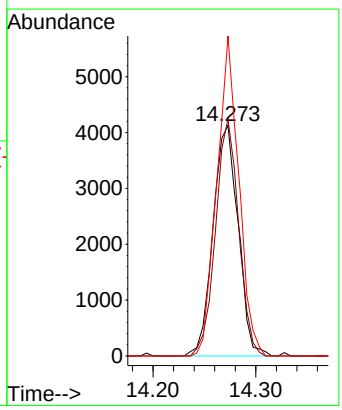


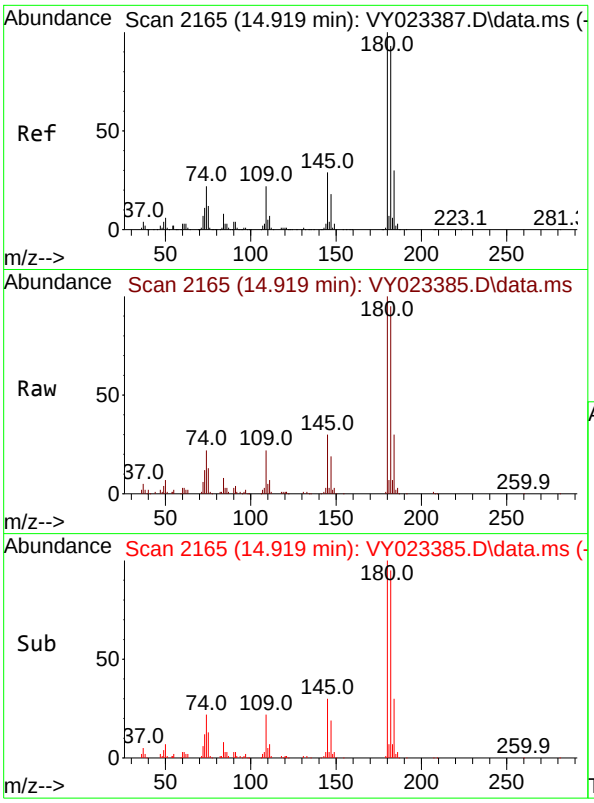


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.608 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion: 75 Resp: 7005

Ion	Ratio	Lower	Upper
75	100		
155	94.2	50.0	150.0
157	121.7	63.8	191.5



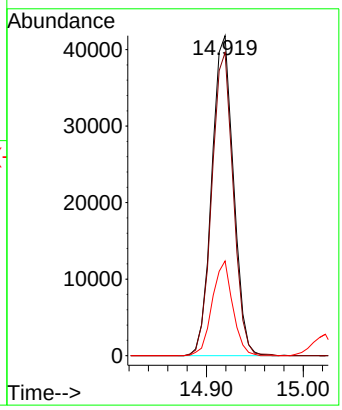


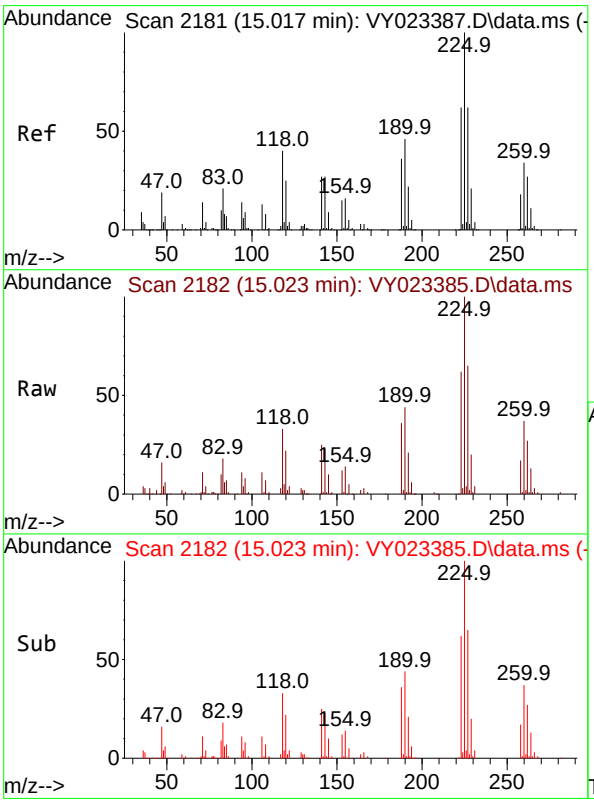
#93
1,2,4-Trichlorobenzene
Concen: 9.992 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 65050

Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.6
145	27.9	14.7	44.1

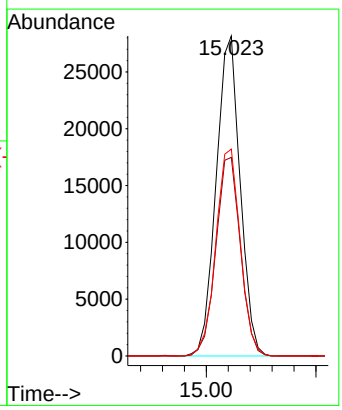


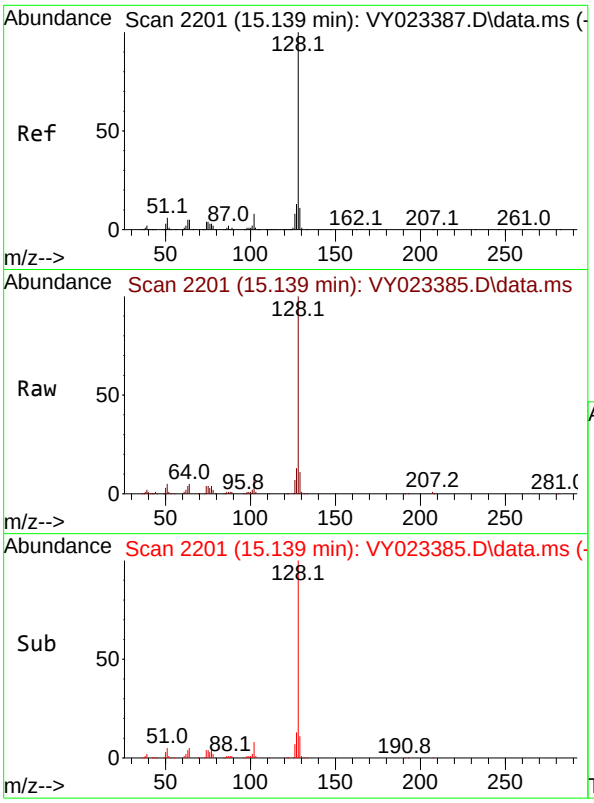


#94
Hexachlorobutadiene
Concen: 10.554 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:225 Resp: 42813

Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.8	92.3
227	66.0	31.9	95.7



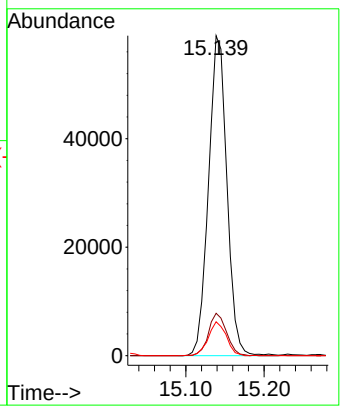


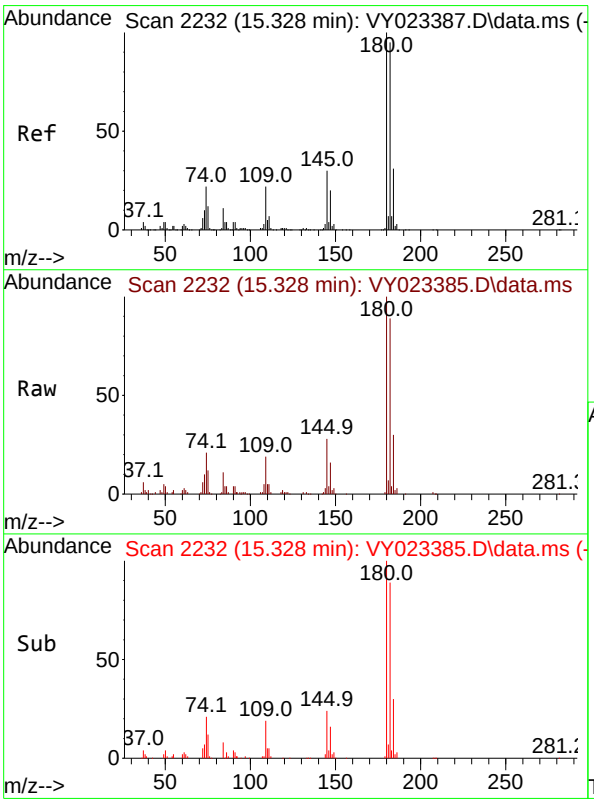
#95
Naphthalene
Concen: 9.264 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:128 Resp: 96092

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.9	13.3

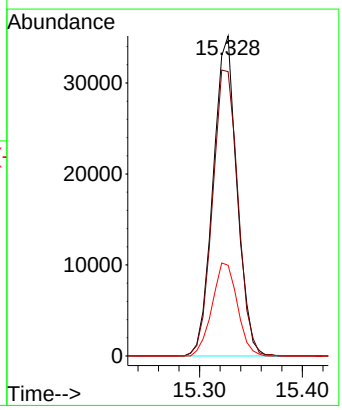




#96
1,2,3-Trichlorobenzene
Concen: 10.004 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023385.D
Acq: 07 Oct 2025 10:02

Tgt Ion:180 Resp: 56499

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.8
145	30.8	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	851961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	746872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	382604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98481	19.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 39.600%#			
35) Dibromofluoromethane	7.634	113	108034	20.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 41.800%#			
50) Toluene-d8	10.103	98	401067	20.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 41.140%#			
62) 4-Bromofluorobenzene	12.401	95	127216	20.680	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 41.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	91924	20.318	ug/l	98
3) Chloromethane	2.074	50	117585	18.284	ug/l	100
4) Vinyl Chloride	2.202	62	151460	18.652	ug/l	99
5) Bromomethane	2.586	94	125948	18.907	ug/l	97
6) Chloroethane	2.732	64	103973	18.859	ug/l	94
7) Trichlorofluoromethane	3.049	101	217452	20.846	ug/l	99
8) Diethyl Ether	3.452	74	54124	19.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	109936	19.718	ug/l	99
10) Methyl Iodide	4.007	142	119083	18.482	ug/l	99
11) Tert butyl alcohol	4.854	59	34346	117.345	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104778	19.531	ug/l	98
13) Acrolein	3.653	56	48115	97.023	ug/l	98
14) Allyl chloride	4.384	41	125424	18.674	ug/l	98
15) Acrylonitrile	5.055	53	99018	92.641	ug/l	100
16) Acetone	3.866	43	108209	96.742	ug/l	96
17) Carbon Disulfide	4.104	76	303284	18.121	ug/l	99
18) Methyl Acetate	4.384	43	59704	21.002	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	247030	19.667	ug/l	97
20) Methylene Chloride	4.616	84	132229	21.801	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	116410	19.512	ug/l	95
22) Diisopropyl ether	6.018	45	288429	19.366	ug/l	98
23) Vinyl Acetate	5.957	43	748048	91.373	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190012	19.354	ug/l	99
25) 2-Butanone	6.896	43	132159	95.593	ug/l	93
26) 2,2-Dichloropropane	6.884	77	167903	19.247	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	133634	19.747	ug/l	99
28) Bromochloromethane	7.244	49	73407	19.273	ug/l	98
29) Tetrahydrofuran	7.262	42	76502	93.229	ug/l	99
30) Chloroform	7.421	83	207096	19.562	ug/l	100
31) Cyclohexane	7.701	56	160159	18.472	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	188861	19.873	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140912	19.317	ug/l	100
37) Ethyl Acetate	6.982	43	55705	19.315	ug/l	98
38) Carbon Tetrachloride	7.817	117	171925	20.289	ug/l	99
39) Methylcyclohexane	9.109	83	182831	19.576	ug/l	99
40) Benzene	8.079	78	450471	19.809	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.262	41	74749	49.906	ug/l	#	26
42) 1,2-Dichloroethane	8.158	62	116941	20.206	ug/l		99
43) Isopropyl Acetate	8.195	43	106595	19.002	ug/l	#	87
44) Trichloroethene	8.865	130	131459	20.598	ug/l		98
45) 1,2-Dichloropropane	9.140	63	99363	19.417	ug/l		98
46) Dibromomethane	9.231	93	62277	19.896	ug/l		98
47) Bromodichloromethane	9.420	83	156426	19.854	ug/l		98
48) Methyl methacrylate	9.219	41	50661	19.352	ug/l		99
49) 1,4-Dioxane	9.225	88	13636	420.712	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	274059	95.378	ug/l		100
52) Toluene	10.170	92	291453	20.191	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	132848	19.632	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	158580	19.606	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	82183	19.740	ug/l		96
56) Ethyl methacrylate	10.438	69	89244	18.613	ug/l		99
57) 1,3-Dichloropropane	10.719	76	130650	19.389	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	188209	89.723	ug/l		100
59) 2-Hexanone	10.761	43	187387	94.190	ug/l		99
60) Dibromochloromethane	10.908	129	115907	20.412	ug/l		100
61) 1,2-Dibromoethane	11.011	107	78579	20.062	ug/l		100
64) Tetrachloroethene	10.646	164	167648	22.438	ug/l		97
65) Chlorobenzene	11.438	112	326360	20.109	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116412	20.396	ug/l		99
67) Ethyl Benzene	11.517	91	523606	19.768	ug/l		99
68) m/p-Xylenes	11.627	106	426913	40.211	ug/l		100
69) o-Xylene	11.956	106	195021	19.843	ug/l		96
70) Styrene	11.968	104	327934	20.208	ug/l		99
71) Bromoform	12.133	173	71119	20.814	ug/l	#	99
73) Isopropylbenzene	12.255	105	513183	20.136	ug/l		99
74) N-amyl acetate	12.072	43	85063	17.860	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76821	18.069	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	110236	29.209	ug/l	#	100
77) Bromobenzene	12.529	156	135402	20.700	ug/l		98
78) n-propylbenzene	12.596	91	597829	19.945	ug/l		100
79) 2-Chlorotoluene	12.676	91	349203	20.179	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	418684	20.208	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	26922	19.234	ug/l		98
82) 4-Chlorotoluene	12.773	91	361458	20.000	ug/l		99
83) tert-Butylbenzene	12.993	119	377277	19.983	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	413292	20.162	ug/l		100
85) sec-Butylbenzene	13.176	105	546582	19.990	ug/l		100
86) p-Isopropyltoluene	13.291	119	464005	20.081	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	262901	20.347	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	259217	20.230	ug/l		99
89) n-Butylbenzene	13.615	91	401893	19.697	ug/l		98
90) Hexachloroethane	13.877	117	98983	19.730	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	231199	20.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12668	18.802	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	137963	20.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	87575	21.159	ug/l		99
95) Naphthalene	15.145	128	206017	19.467	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	121656	21.113	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

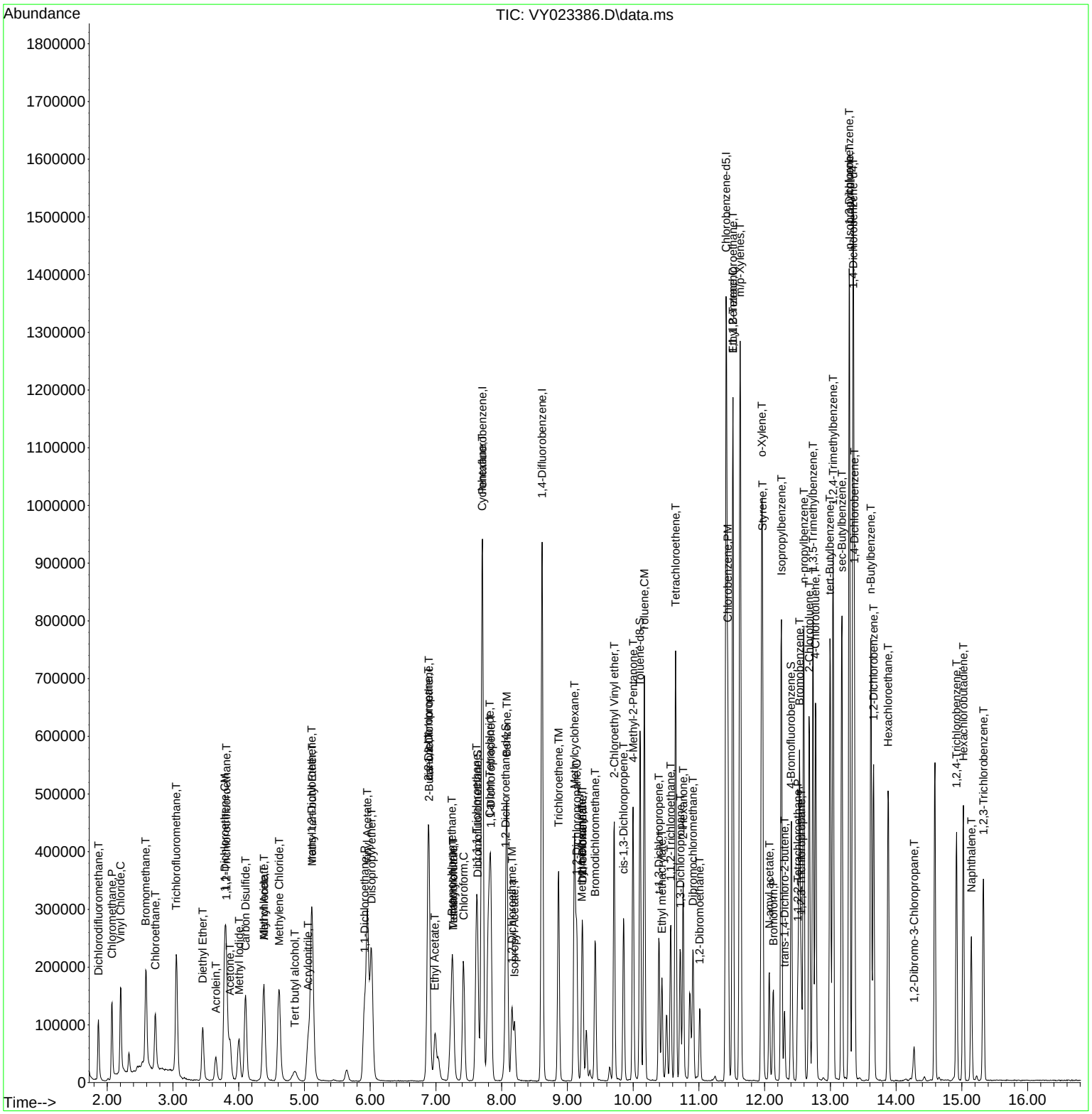
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

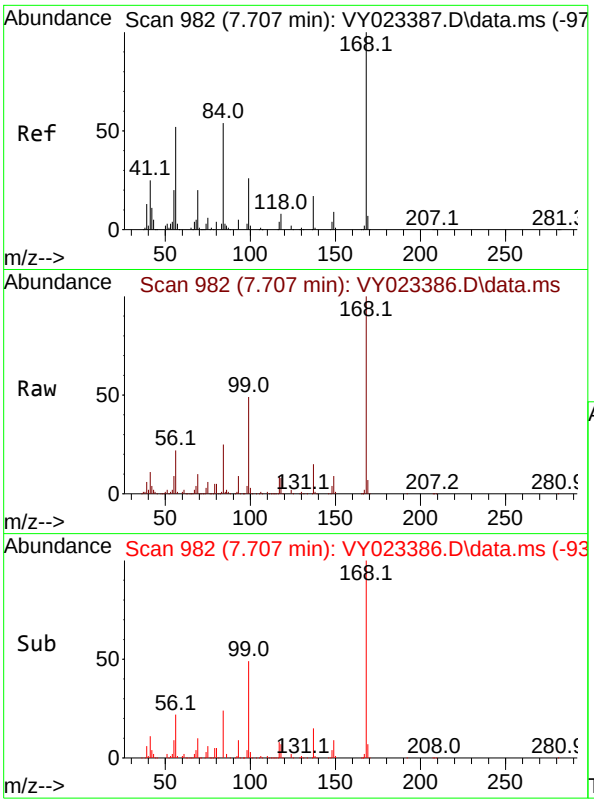
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



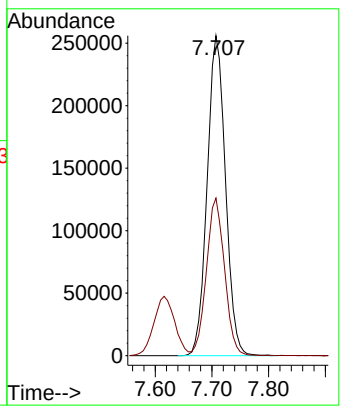


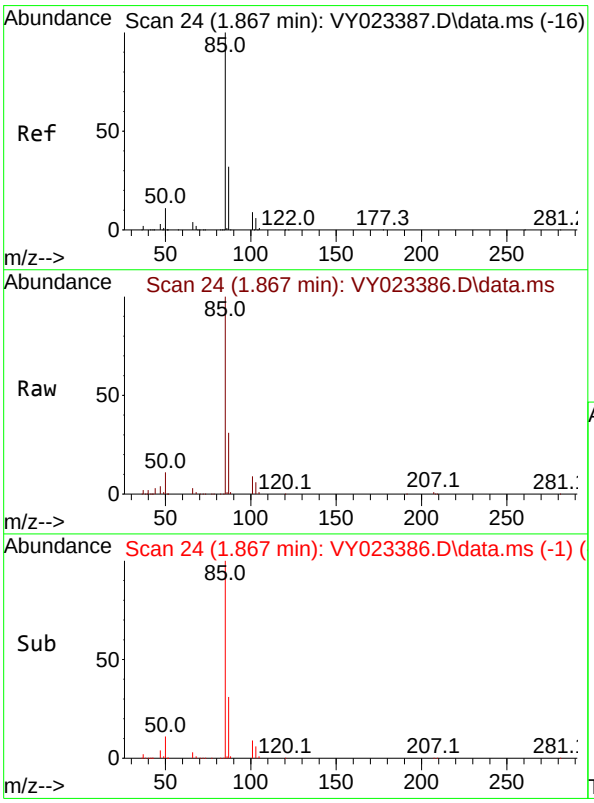
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 574363

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5

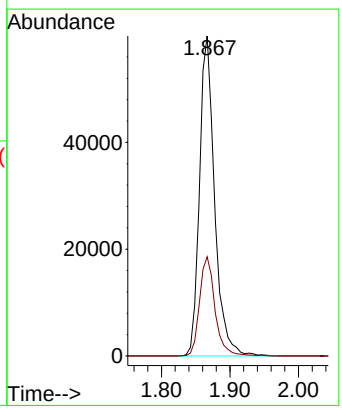


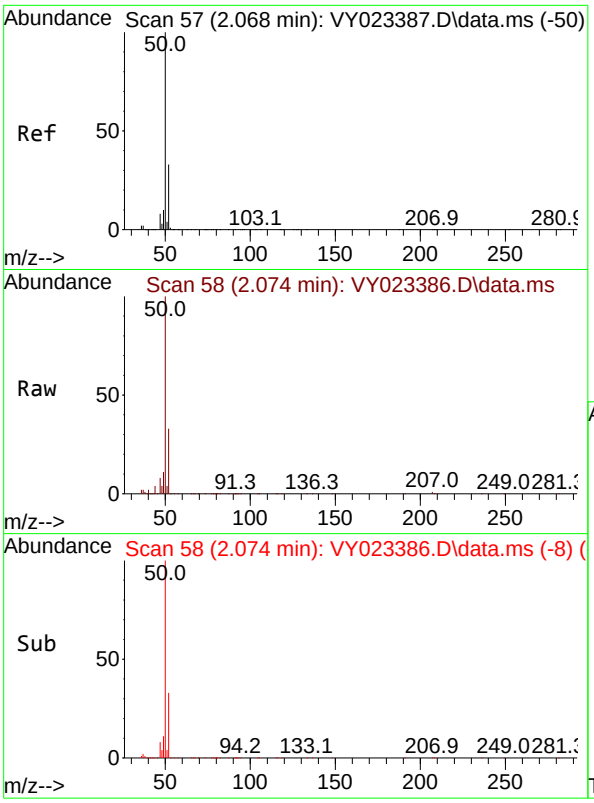


#2
Dichlorodifluoromethane
Concen: 20.318 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 85 Resp: 91924

Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.0	47.9



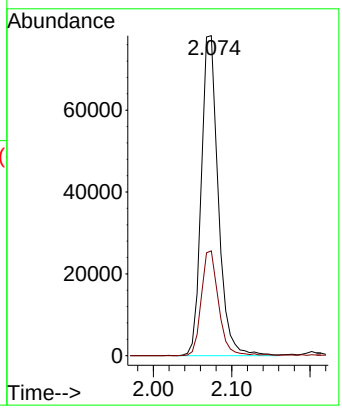


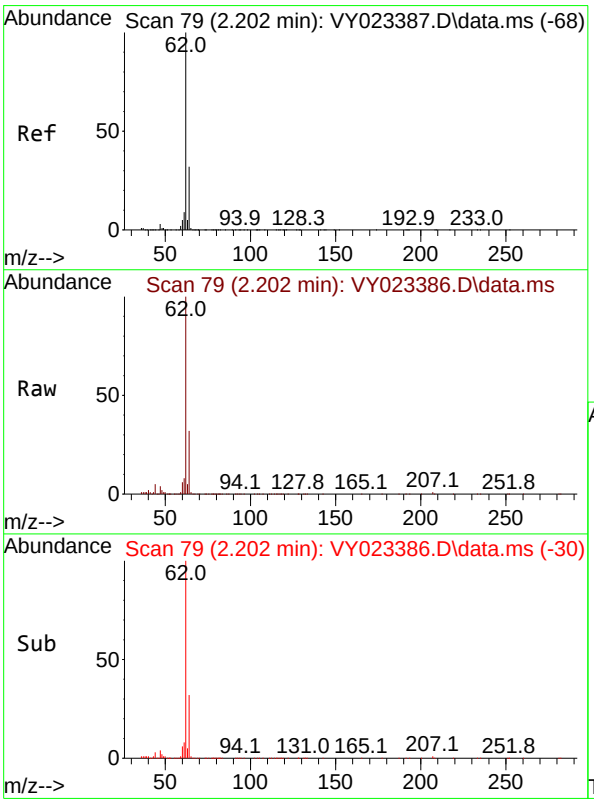
#3
Chloromethane
Concen: 18.284 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 117585

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2

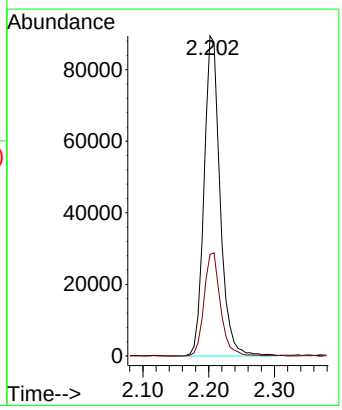


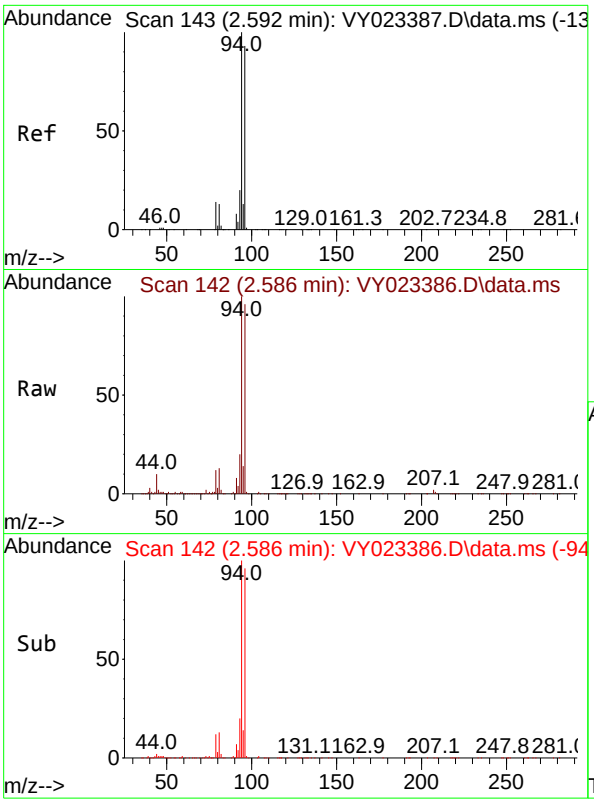


#4
Vinyl Chloride
Concen: 18.652 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 62 Resp: 151460

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.8	38.8



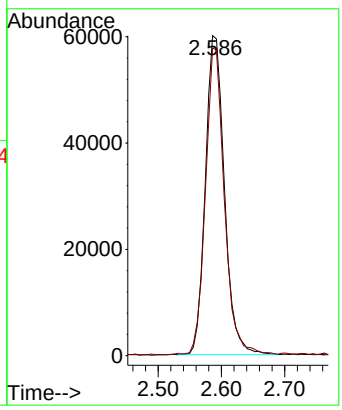


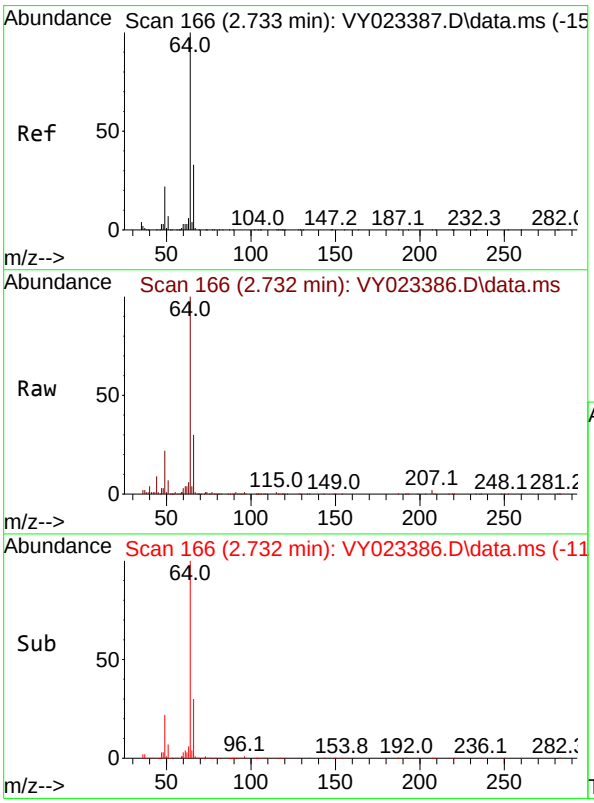
#5
Bromomethane
Concen: 18.907 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 125948

Ion	Ratio	Lower	Upper
94	100		
96	95.9	74.5	111.7

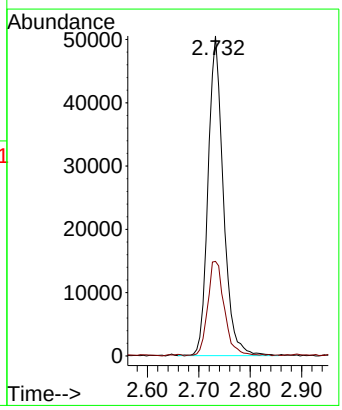


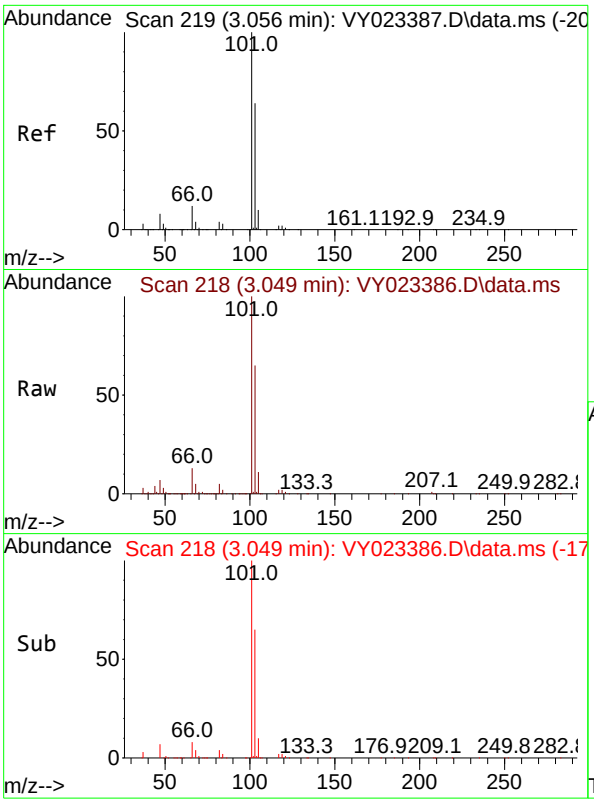


#6
Chloroethane
Concen: 18.859 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 64 Resp: 103973

Ion	Ratio	Lower	Upper
64	100		
66	29.3	26.2	39.4



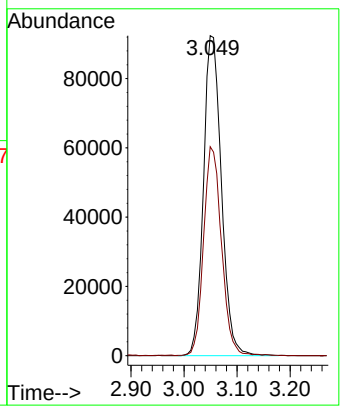


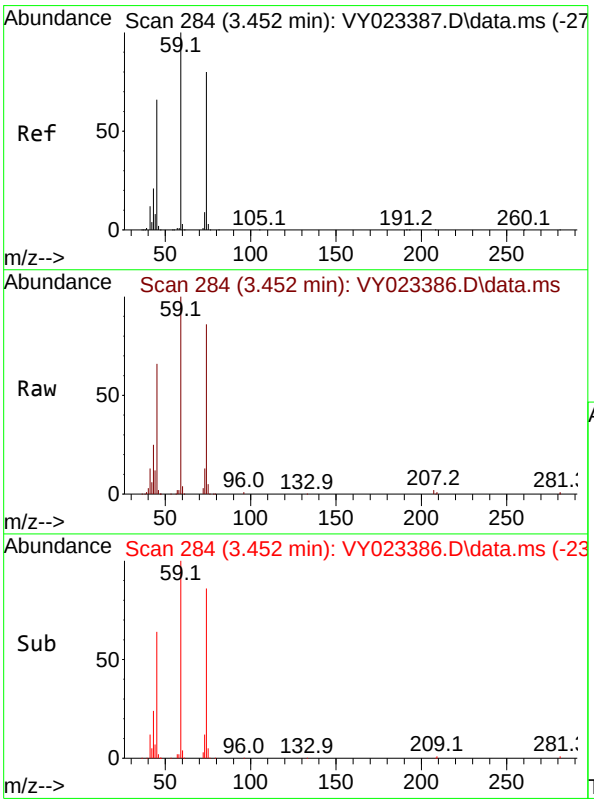
#7
Trichlorofluoromethane
Concen: 20.846 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 217452

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

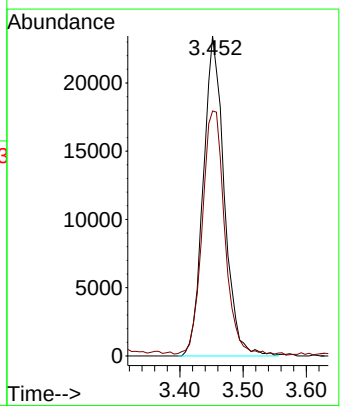


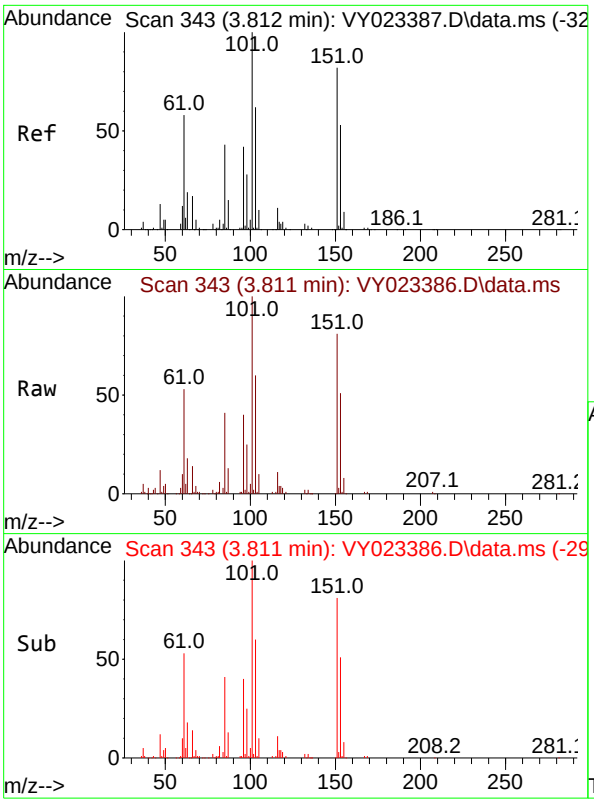


#8
Diethyl Ether
Concen: 19.837 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 74 Resp: 54124

Ion	Ratio	Lower	Upper
74	100		
45	80.6	39.9	119.7



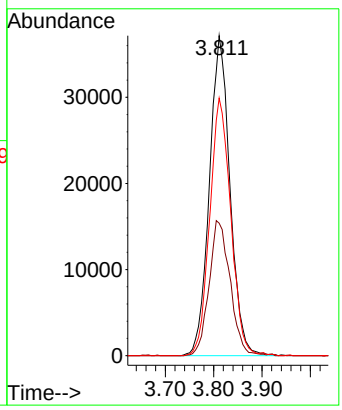


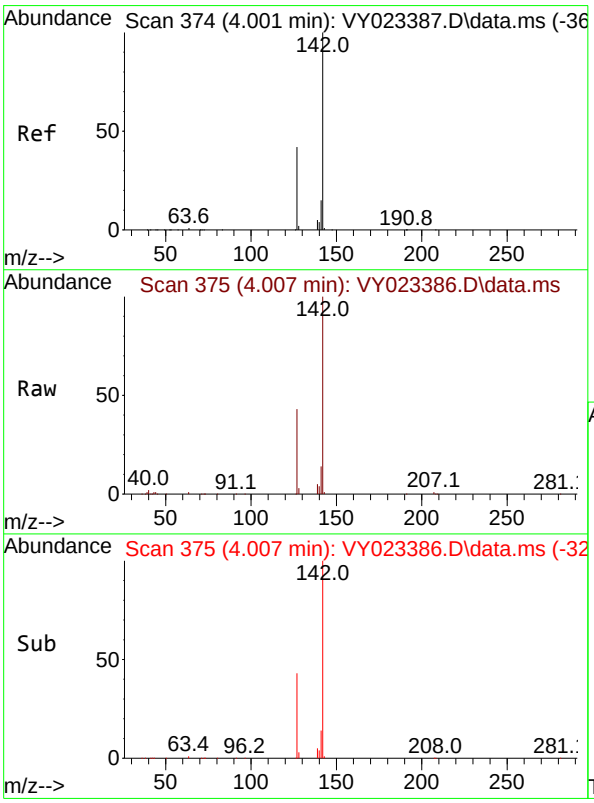
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.718 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 109936

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.6	51.8
151	82.2	67.0	100.6

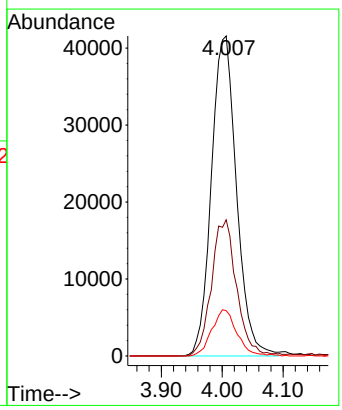


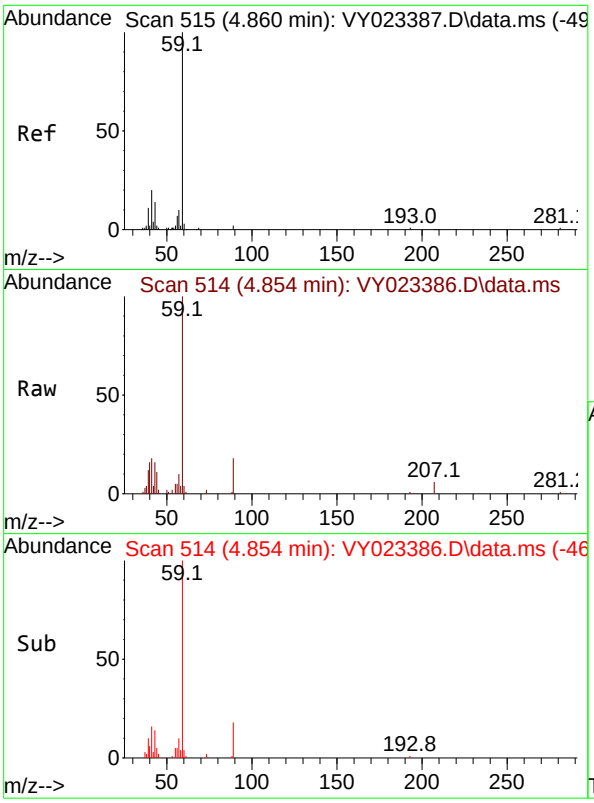


#10
Methyl Iodide
Concen: 18.482 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:142 Resp: 119083

Ion	Ratio	Lower	Upper
142	100		
127	42.9	34.8	52.2
141	14.5	11.6	17.4



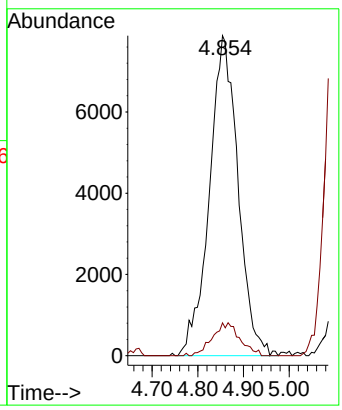


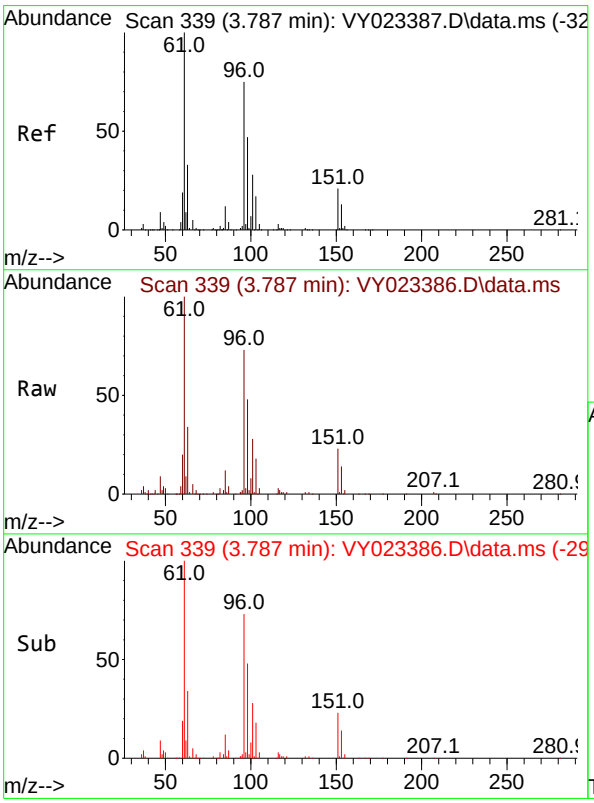
#11
Tert butyl alcohol
Concen: 117.345 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 34346

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

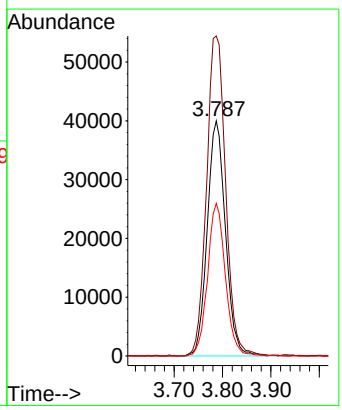


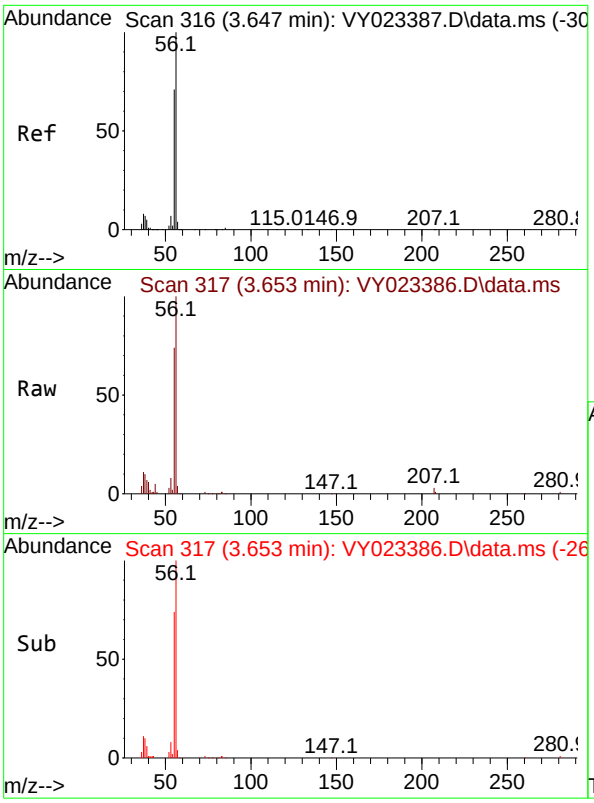


#12
1,1-Dichloroethene
Concen: 19.531 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 96 Resp: 104778

Ion	Ratio	Lower	Upper
96	100		
61	136.2	106.7	160.1
98	64.9	50.2	75.4



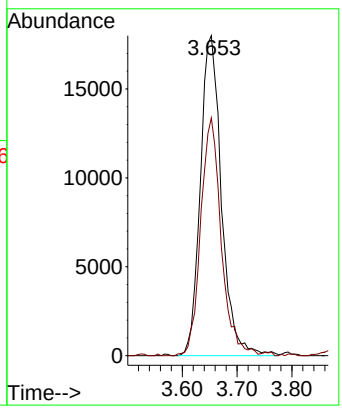


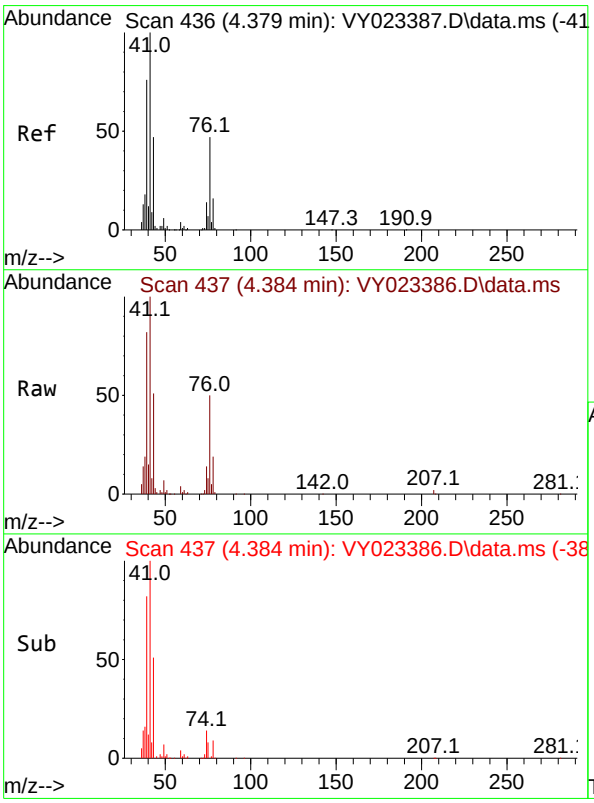
#13
Acrolein
Concen: 97.023 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 48115

Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.1	84.1

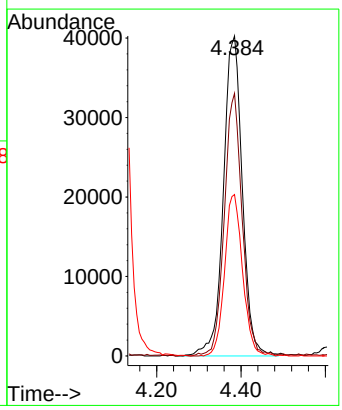


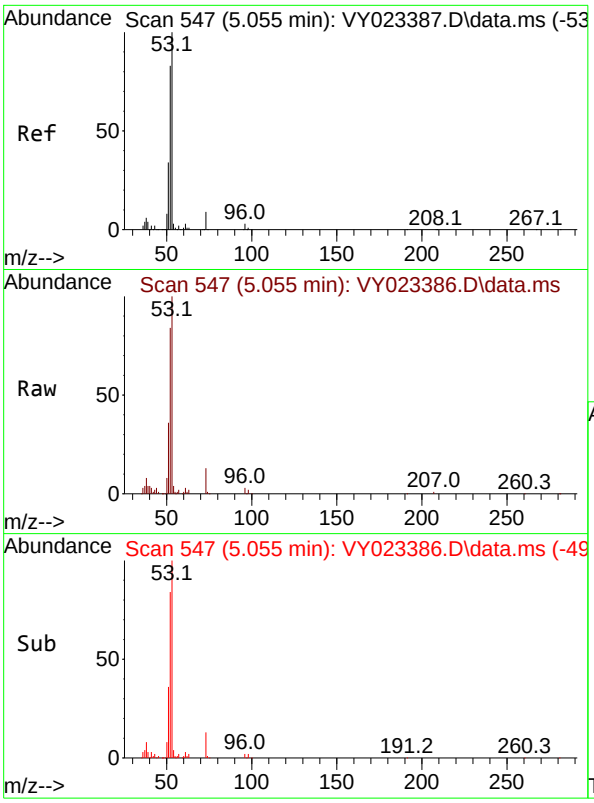


#14
Allyl chloride
Concen: 18.674 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 41 Resp: 125424

Ion	Ratio	Lower	Upper
41	100		
39	77.6	59.9	89.9
76	47.9	38.0	57.0



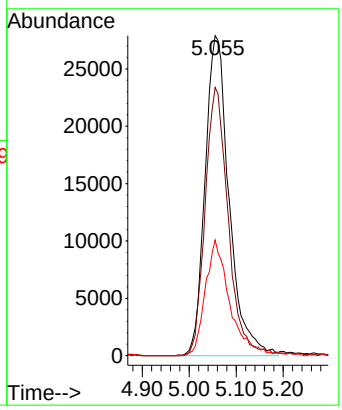


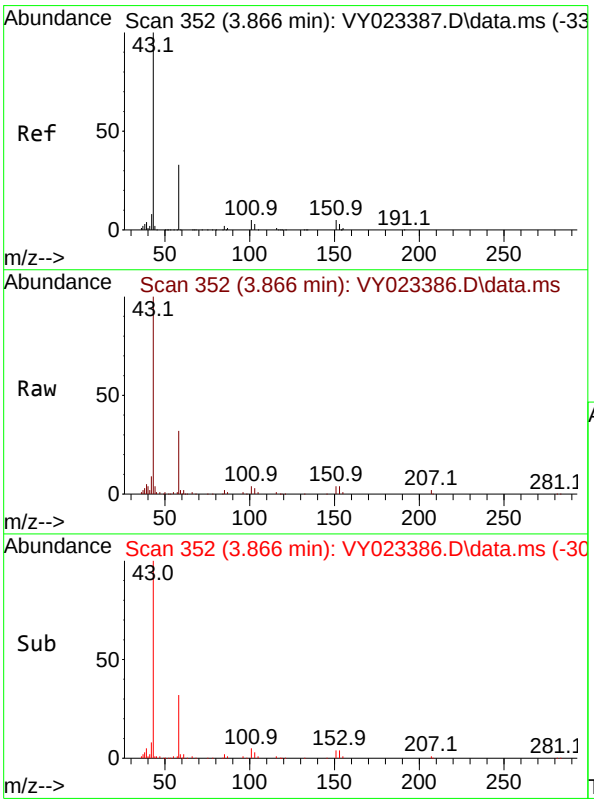
#15
Acrylonitrile
Concen: 92.641 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 99018

Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.6	97.0
51	36.6	29.5	44.3

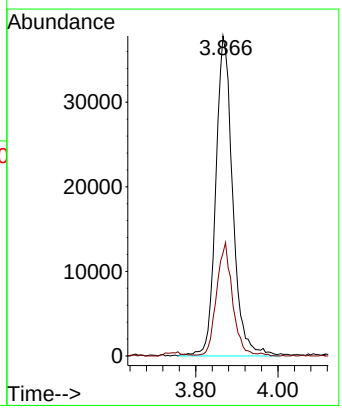


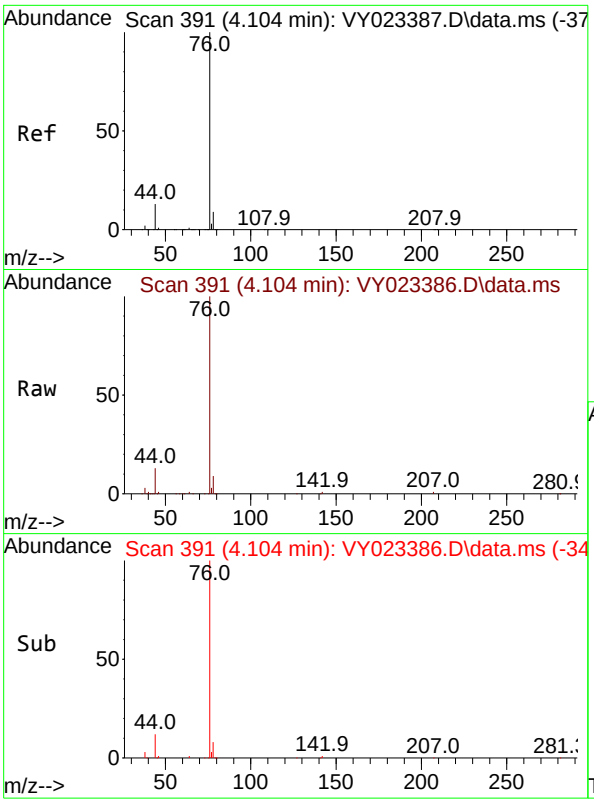


#16
Acetone
Concen: 96.742 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 108209

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5



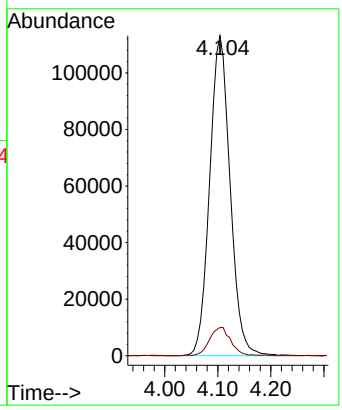


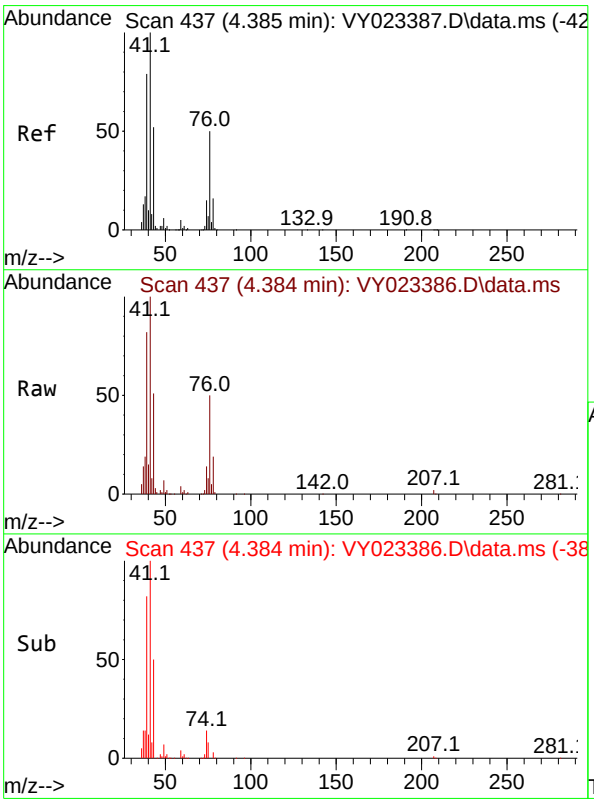
#17
Carbon Disulfide
Concen: 18.121 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 303284

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

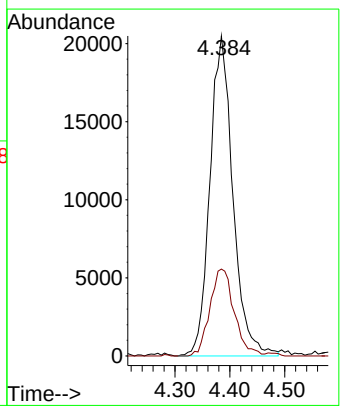


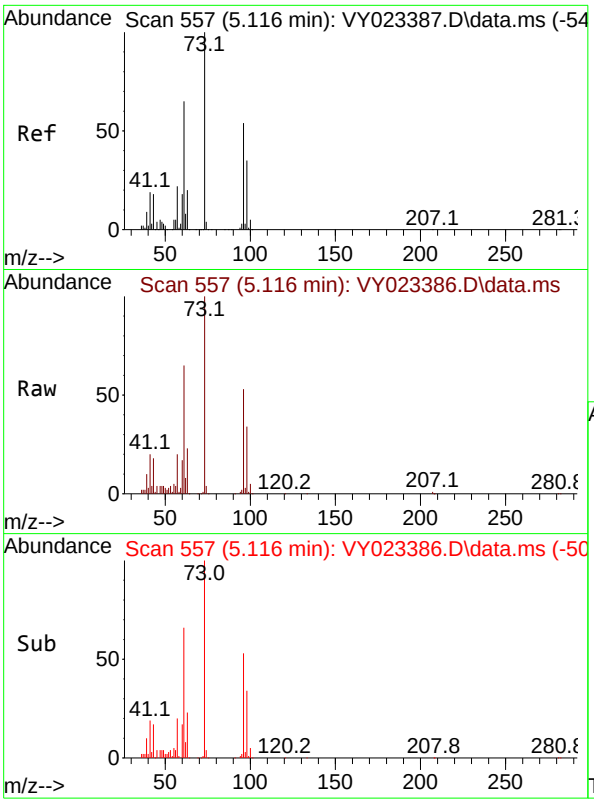


#18
Methyl Acetate
Concen: 21.002 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 59704

Ion	Ratio	Lower	Upper
43	100		
74	28.7	24.2	36.4



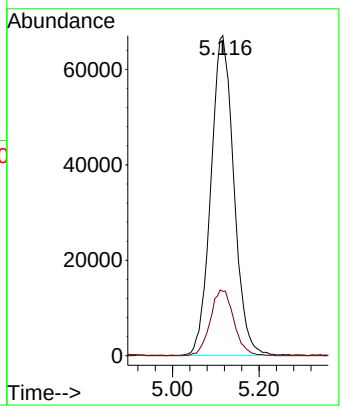


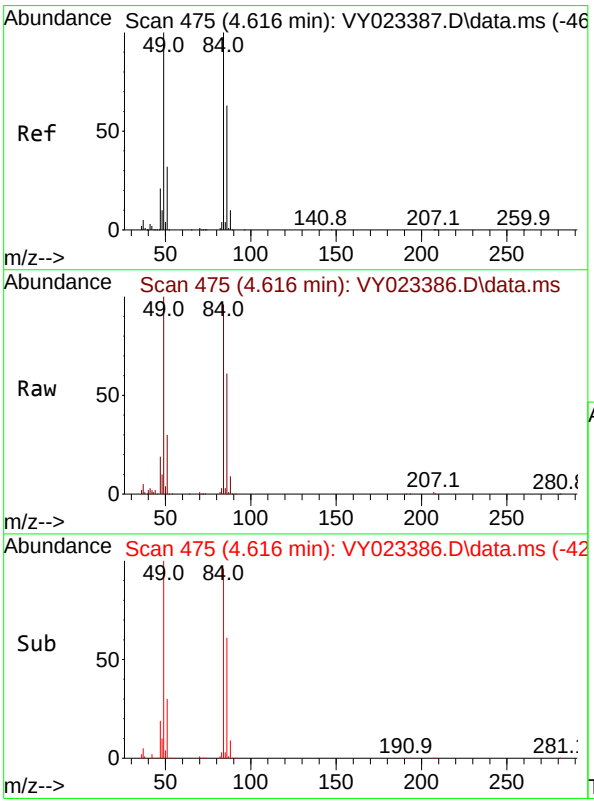
#19
Methyl tert-butyl Ether
Concen: 19.667 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 247030

Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.0

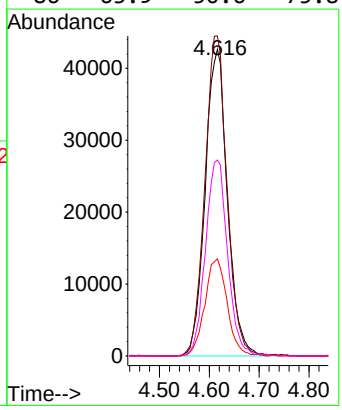


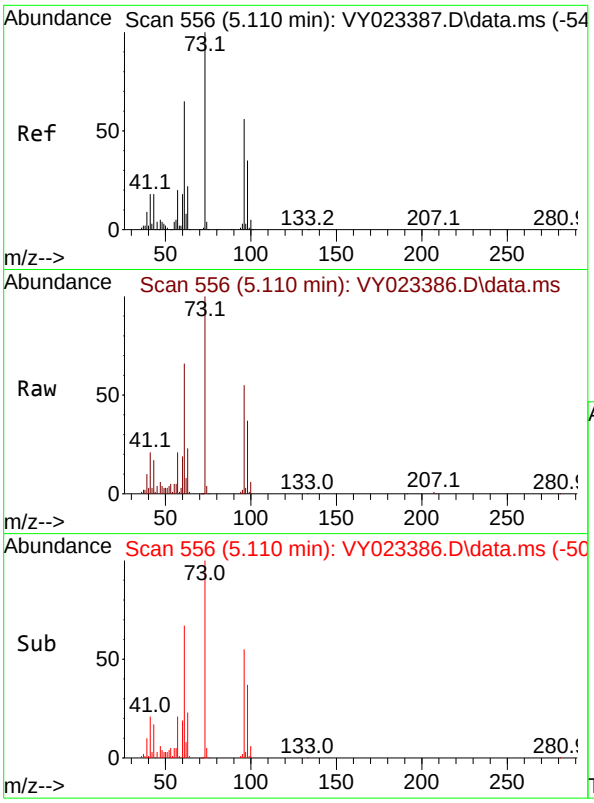


#20
Methylene Chloride
Concen: 21.801 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 84 Resp: 132229

Ion	Ratio	Lower	Upper
84	100		
49	104.2	80.2	120.4
51	31.7	25.9	38.9
86	63.9	50.6	75.8



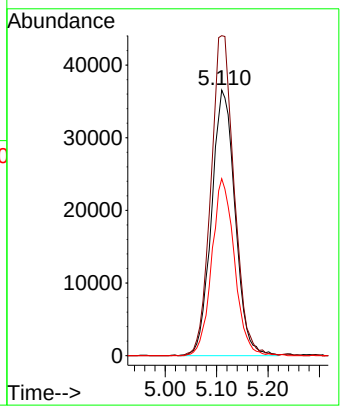


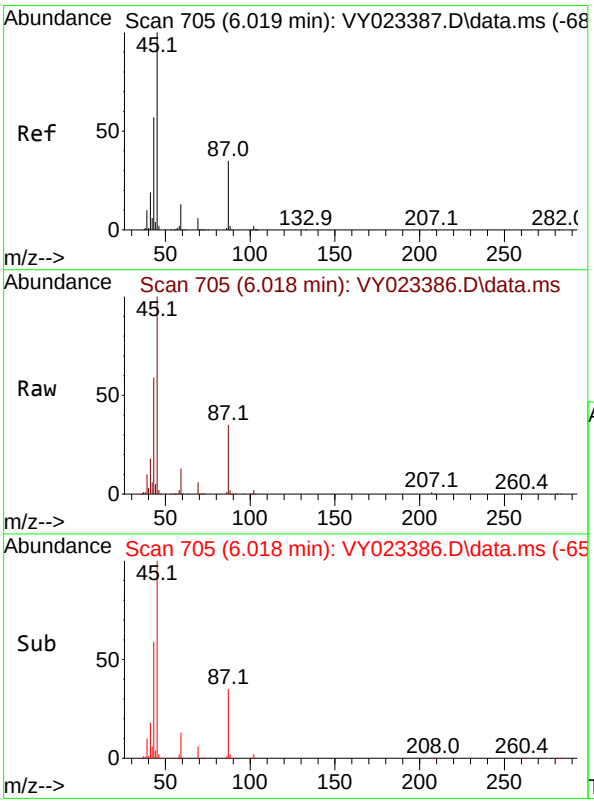
#21
trans-1,2-Dichloroethene
Concen: 19.512 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 116410

Ion	Ratio	Lower	Upper
96	100		
61	120.5	92.7	139.1
98	66.7	49.7	74.5

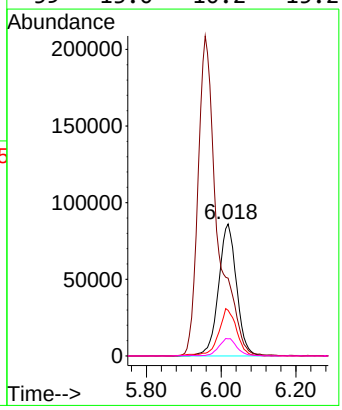


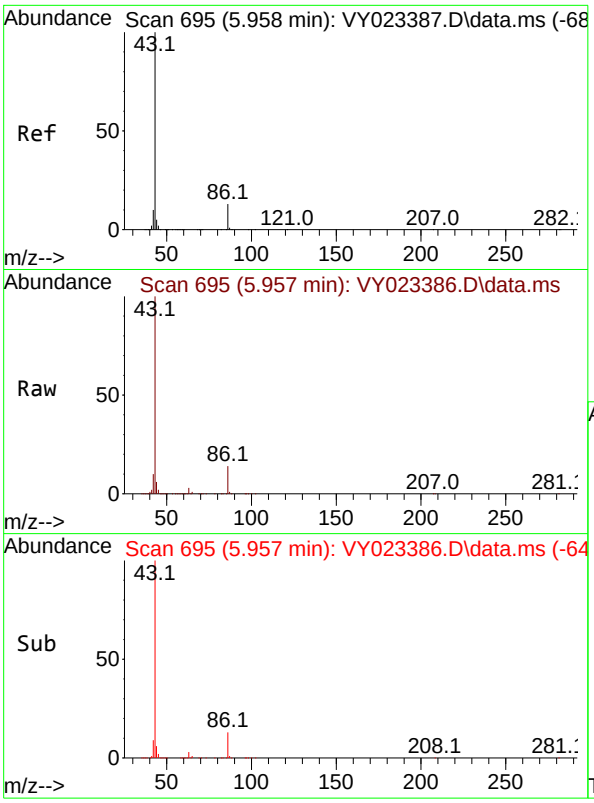


#22
Diisopropyl ether
Concen: 19.366 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 45 Resp: 288429

Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.6	68.4
87	34.5	28.1	42.1
59	13.0	10.2	15.2



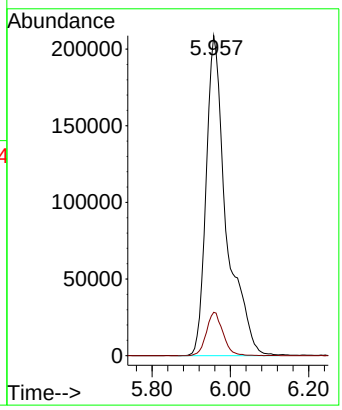


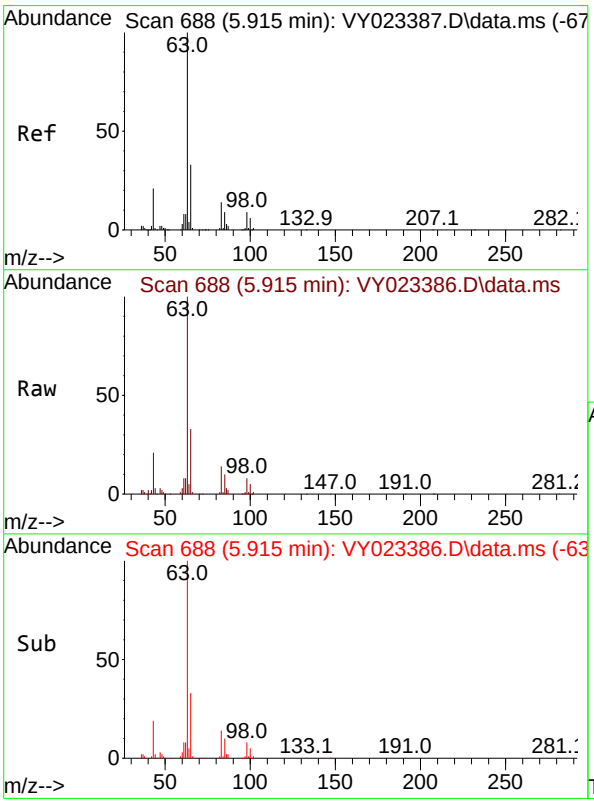
#23
Vinyl Acetate
Concen: 91.373 ug/l
RT: 5.957 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 748048

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8

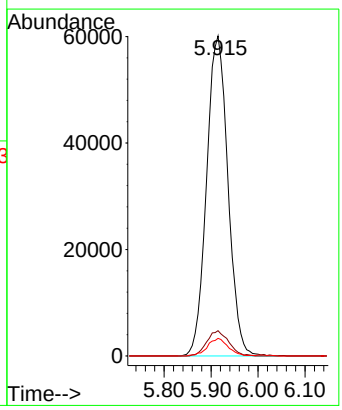


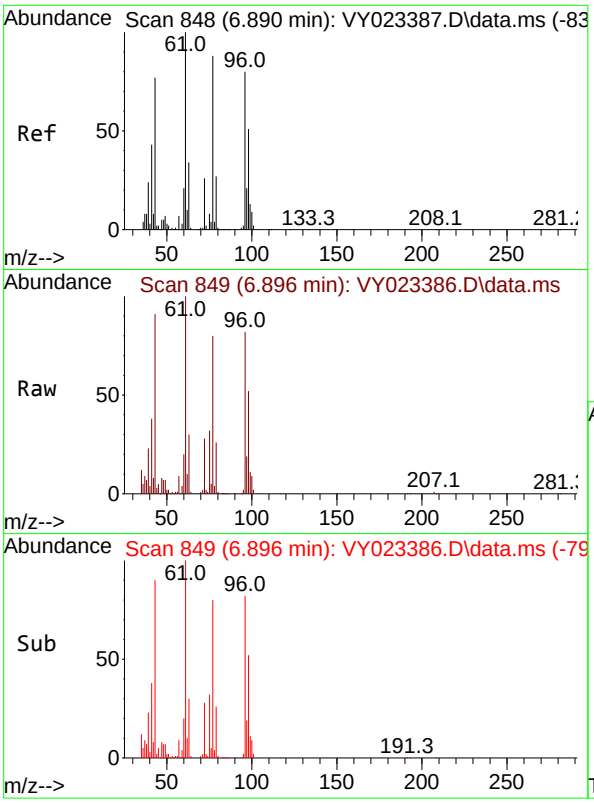


#24
1,1-Dichloroethane
Concen: 19.354 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 63 Resp: 190012

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.3	13.1
100	5.5	2.8	8.4



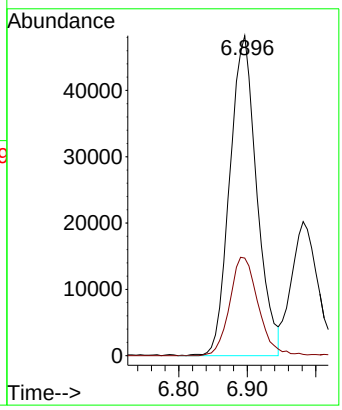


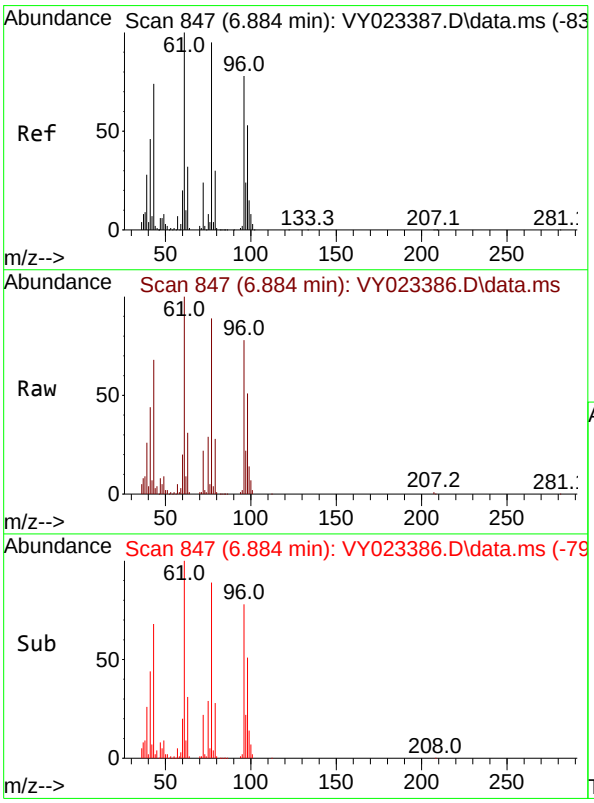
#25
2-Butanone
Concen: 95.593 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 132159

Ion	Ratio	Lower	Upper
43	100		
72	30.5	27.4	41.2

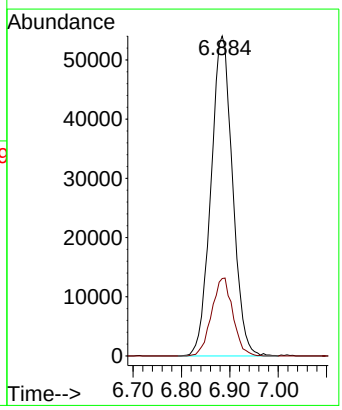


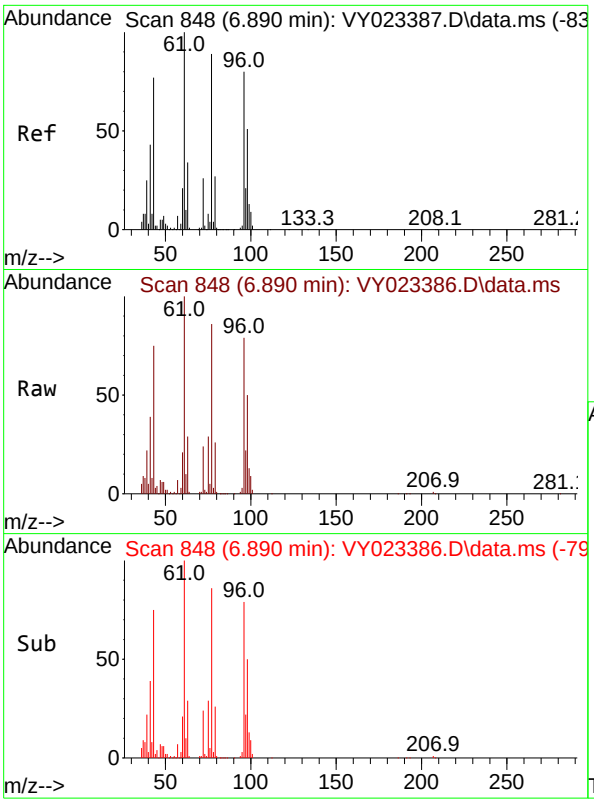


#26
2,2-Dichloropropane
Concen: 19.247 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 77 Resp: 167903

Ion	Ratio	Lower	Upper
77	100		
97	23.9	12.1	36.3



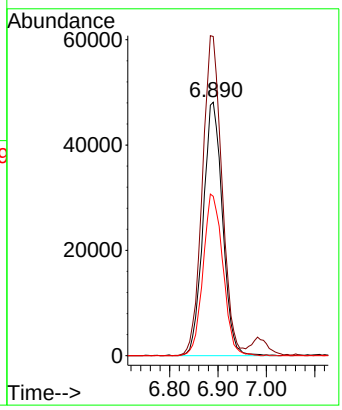


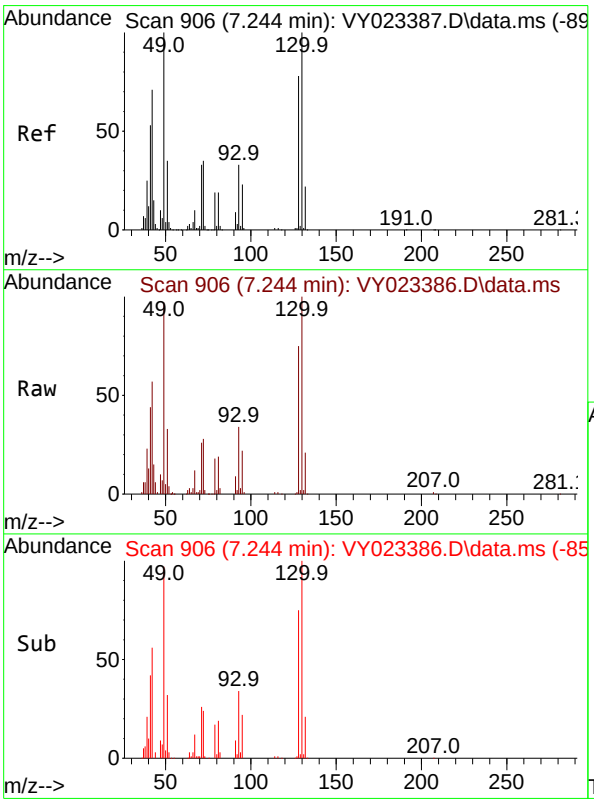
#27
cis-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 133634

Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	258.2
98	65.3	0.0	132.0

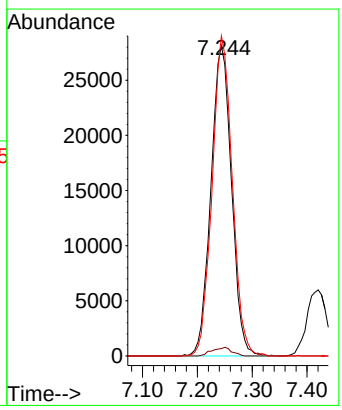


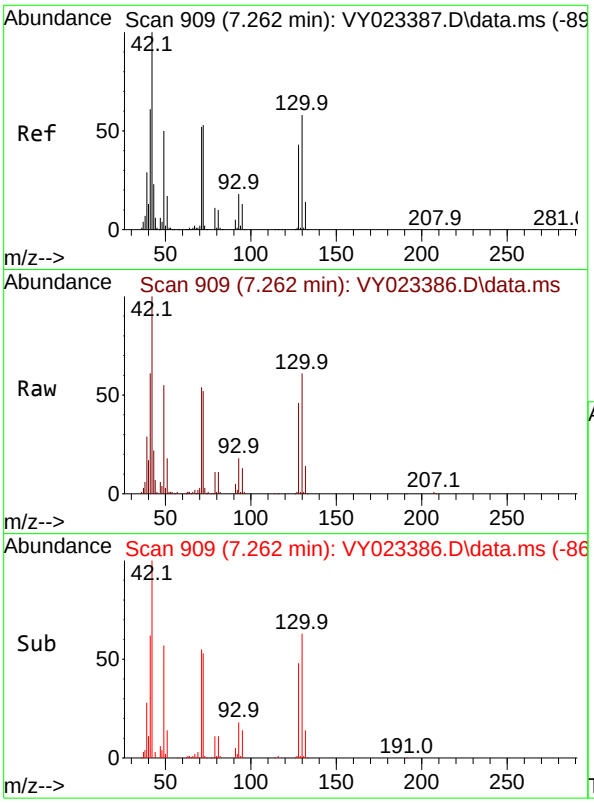


#28
Bromochloromethane
Concen: 19.273 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 49 Resp: 73407

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	100.8	81.9	122.9



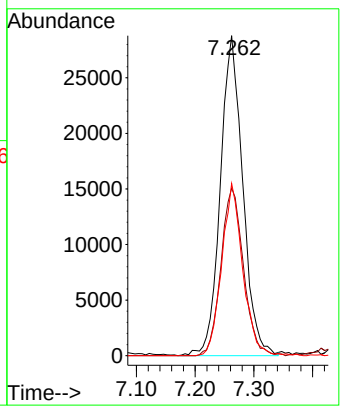


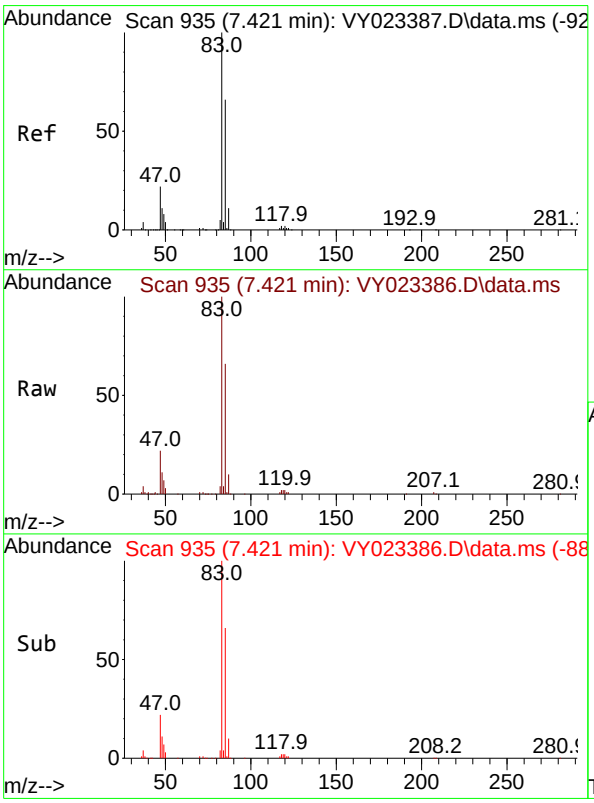
#29
Tetrahydrofuran
Concen: 93.229 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 76502

Ion	Ratio	Lower	Upper
42	100		
72	52.7	43.0	64.6
71	50.6	40.1	60.1

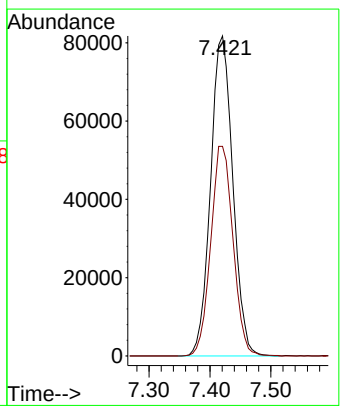


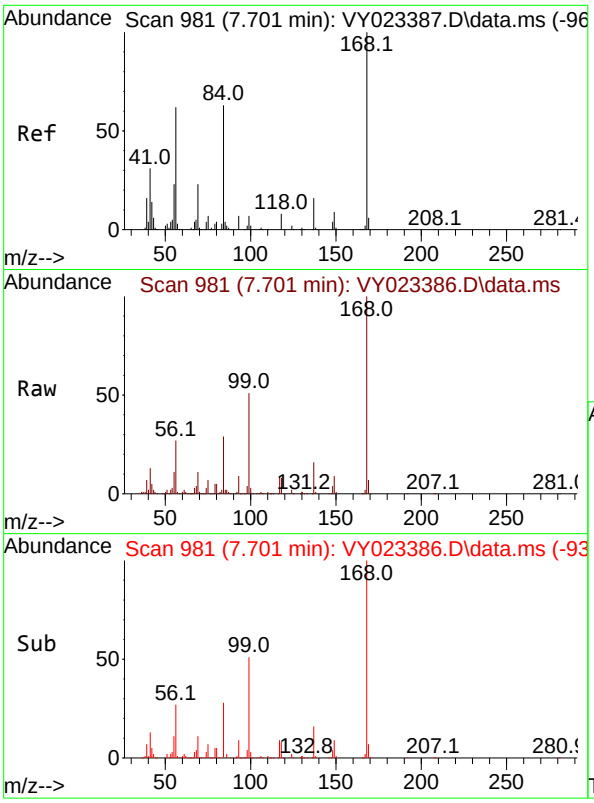


#30
Chloroform
Concen: 19.562 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 83 Resp: 207096

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7



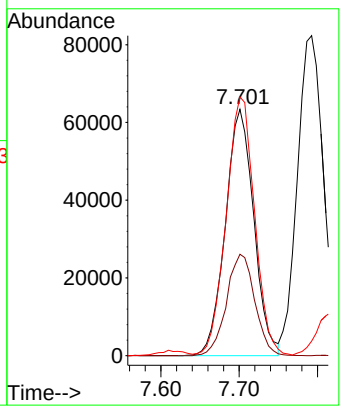


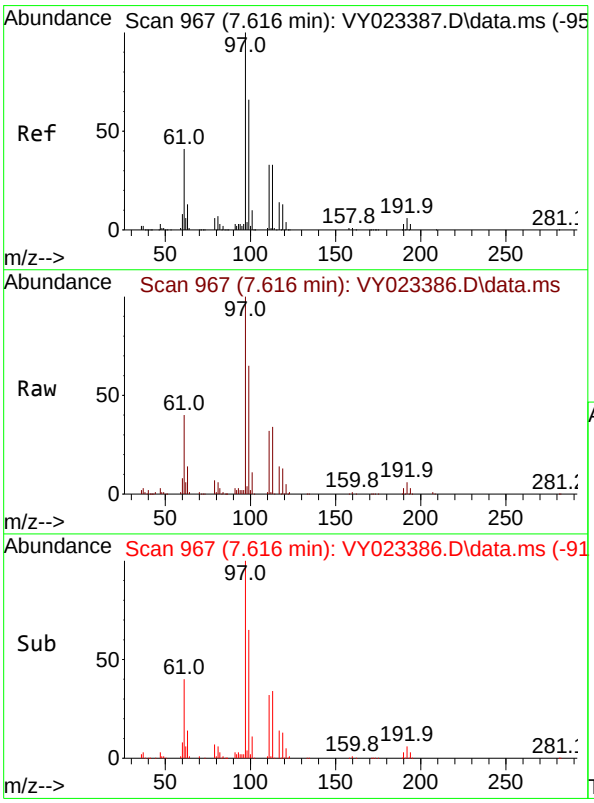
#31
Cyclohexane
Concen: 18.472 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 160159

Ion	Ratio	Lower	Upper
56	100		
69	41.2	30.0	45.0
84	103.3	81.2	121.8

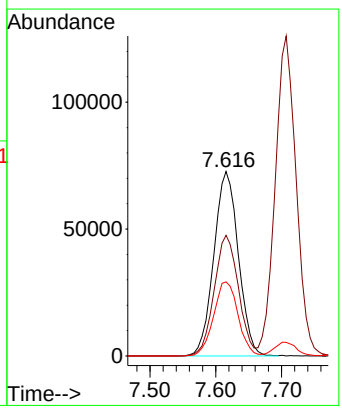


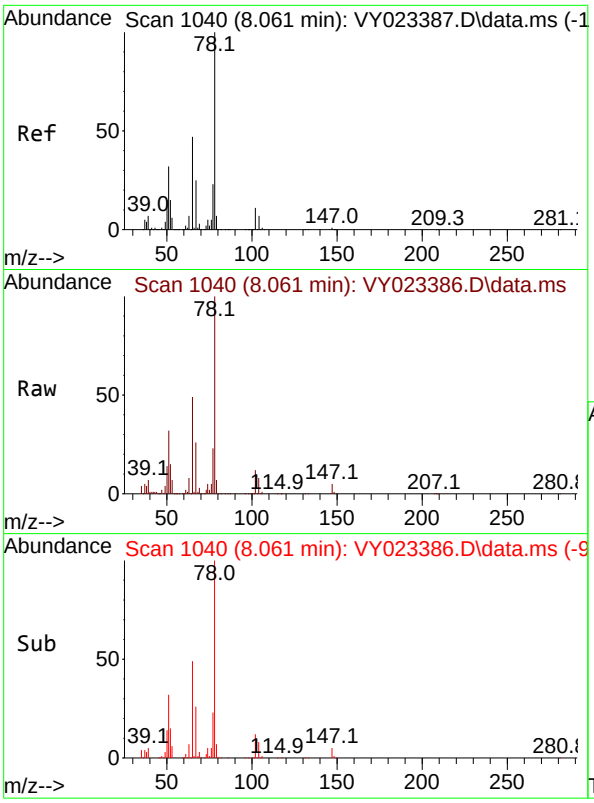


#32
1,1,1-Trichloroethane
Concen: 19.873 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 97 Resp: 188861

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	40.1	31.9	47.9



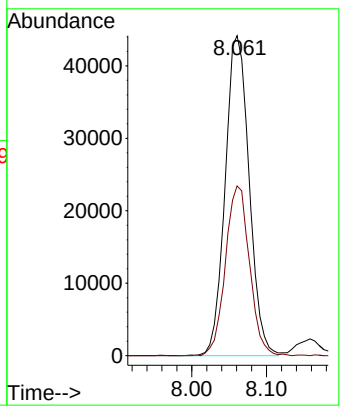


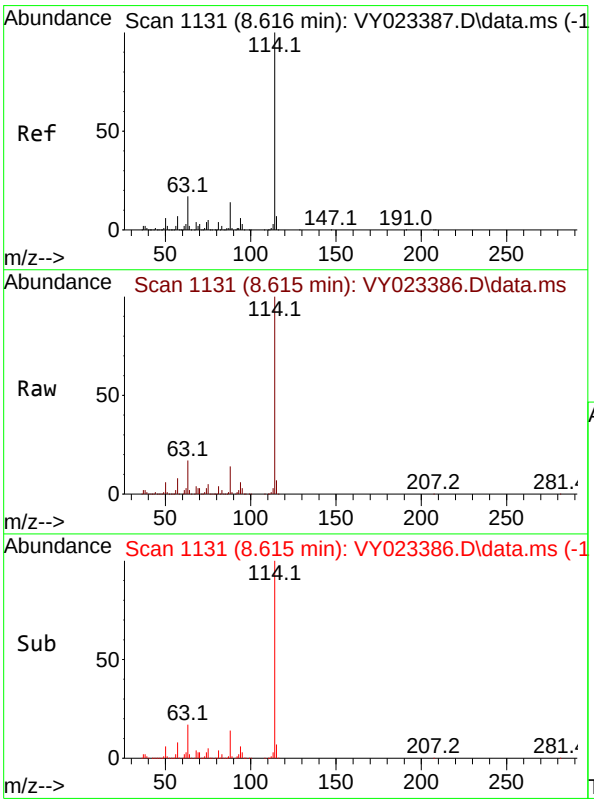
#33
1,2-Dichloroethane-d4
Concen: 19.798 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 98481

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8

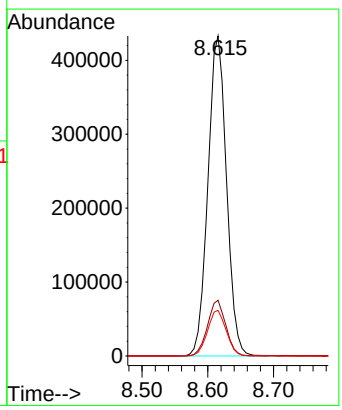


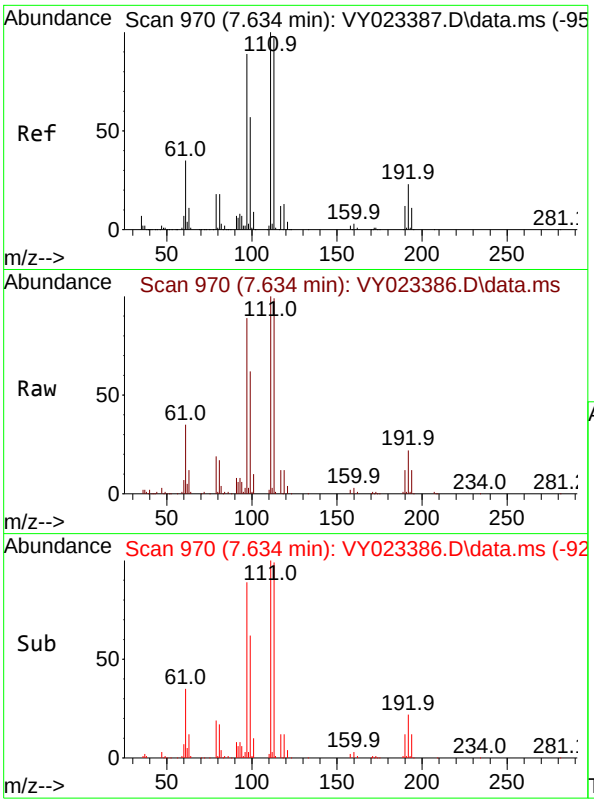


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:114 Resp: 851961

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.2
88	14.3	0.0	28.4



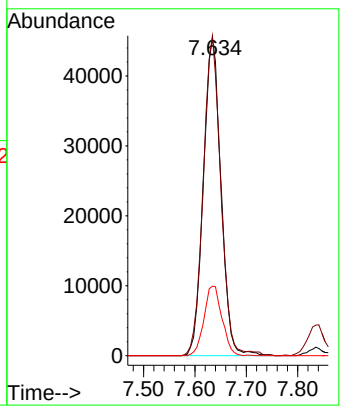


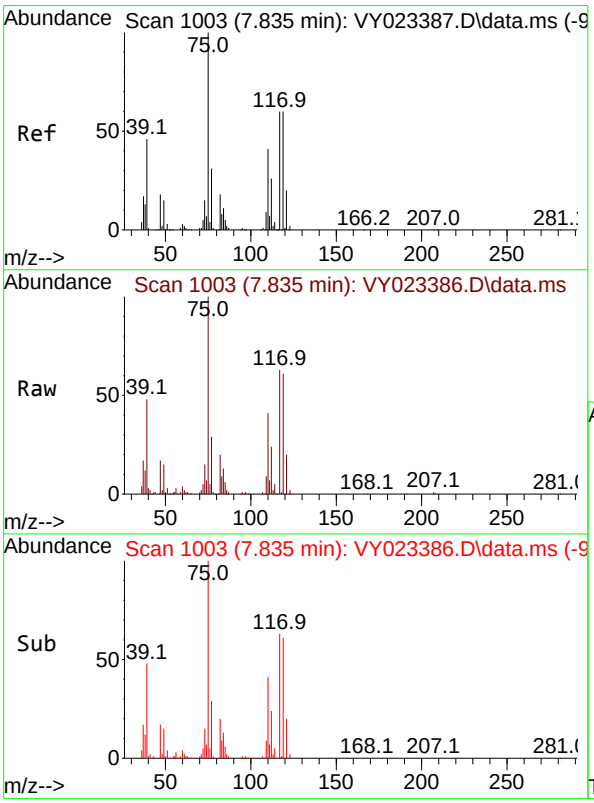
#35
Dibromofluoromethane
Concen: 20.895 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 108034

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	22.3	18.0	27.0

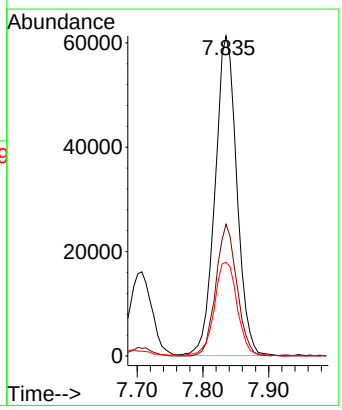


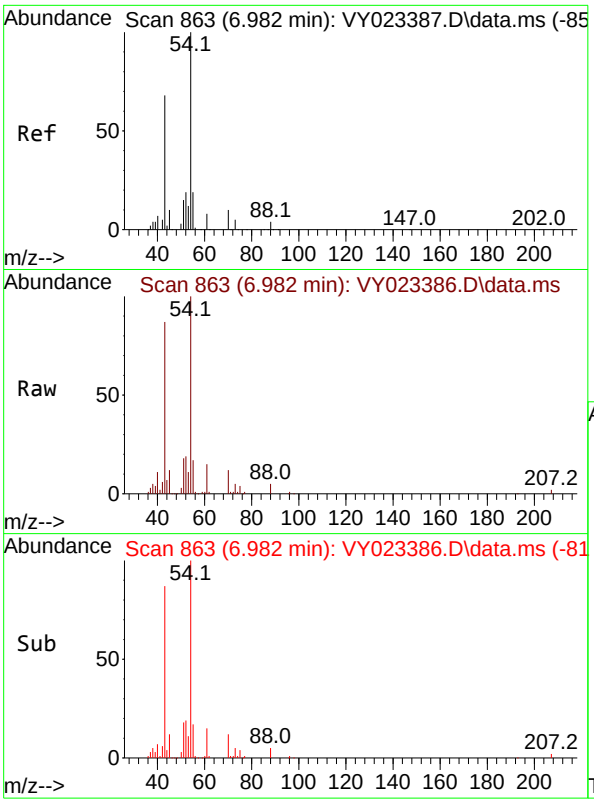


#36
1,1-Dichloropropene
Concen: 19.317 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 140912

Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.9	59.7
77	31.0	25.0	37.6



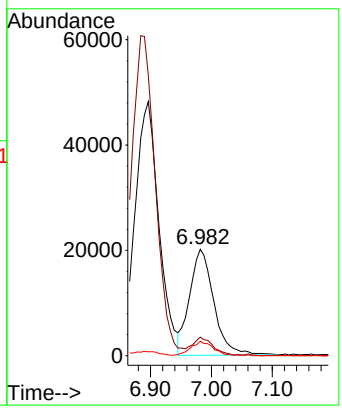


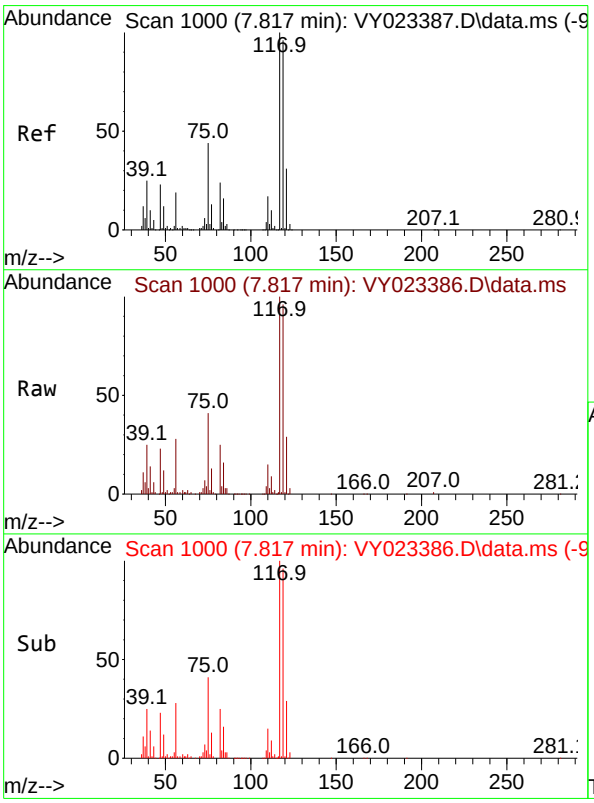
#37
Ethyl Acetate
Concen: 19.315 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 55705

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	12.7	10.5	15.7

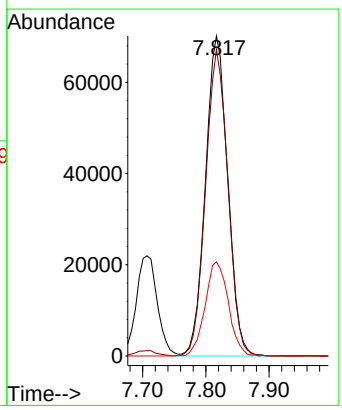


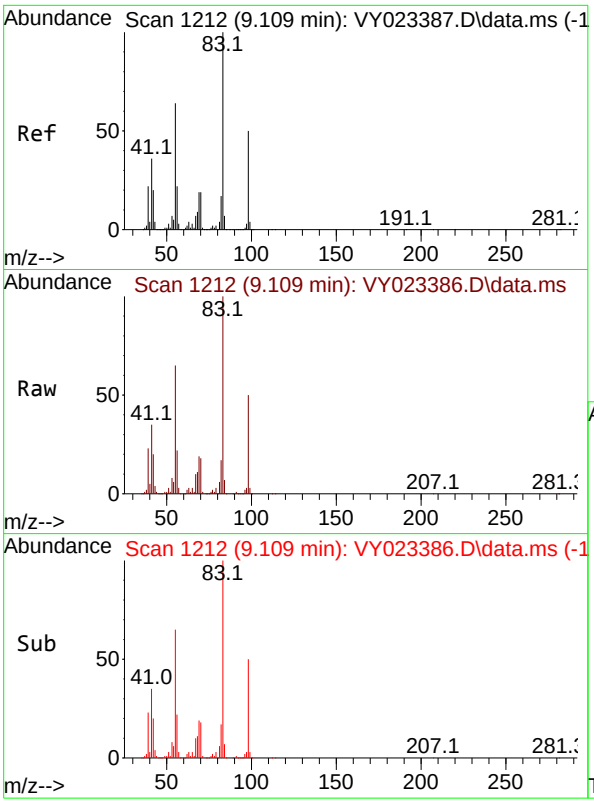


#38
Carbon Tetrachloride
Concen: 20.289 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:117 Resp: 171925

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
121	29.4	24.5	36.7



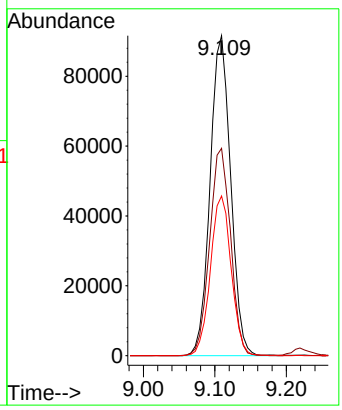


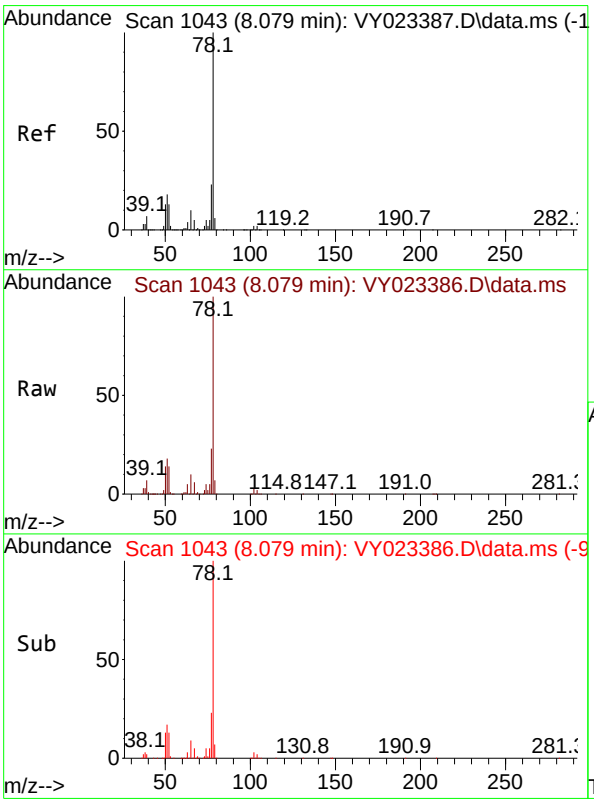
#39
Methylcyclohexane
Concen: 19.576 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 182831

Ion	Ratio	Lower	Upper
83	100		
55	64.8	51.4	77.2
98	49.9	40.4	60.6

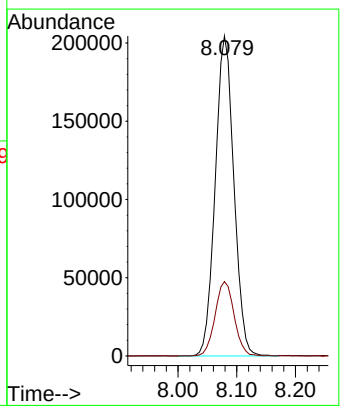


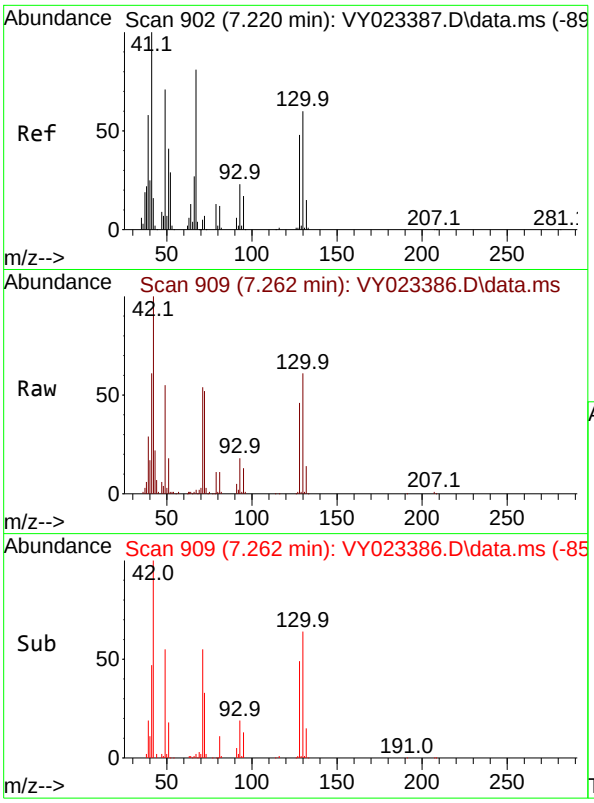


#40
Benzene
Concen: 19.809 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 78 Resp: 450471

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5



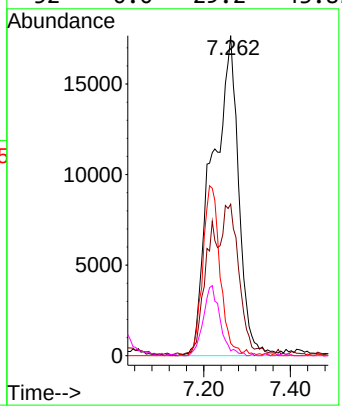


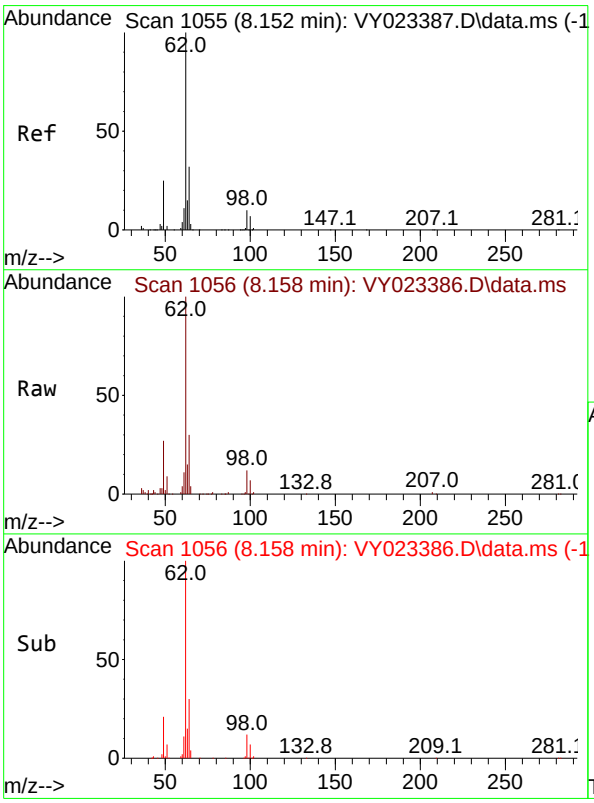
#41
Methacrylonitrile
Concen: 49.906 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.042 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 74749

Ion	Ratio	Lower	Upper
41	100		
39	28.6	52.2	78.4#
67	0.0	74.9	112.3#
52	0.0	29.2	43.8#

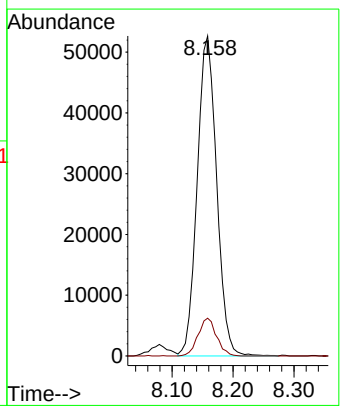


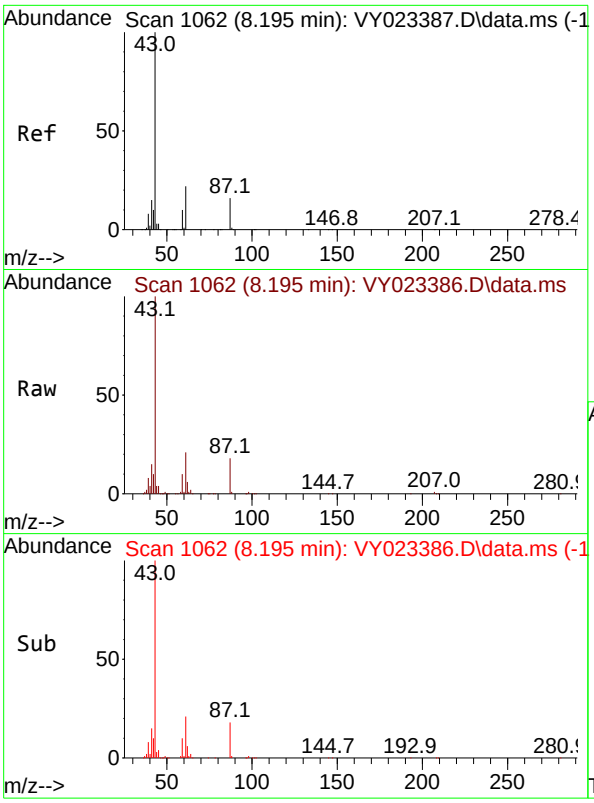


#42
1,2-Dichloroethane
Concen: 20.206 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 62 Resp: 116941

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.6



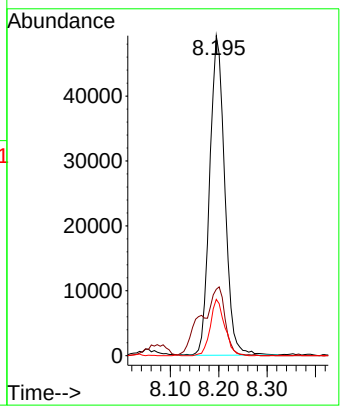


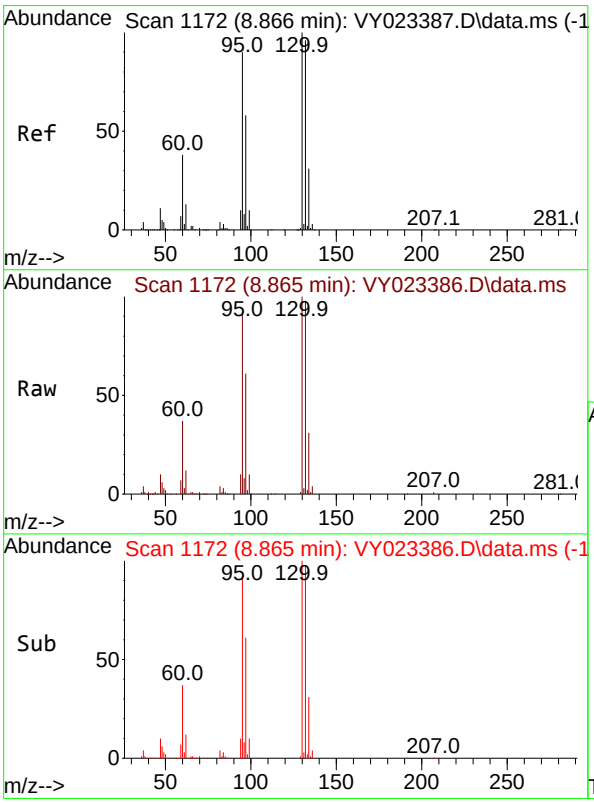
#43
Isopropyl Acetate
Concen: 19.002 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 106595

Ion	Ratio	Lower	Upper
43	100		
61	33.1	18.1	27.1#
87	16.9	13.5	20.3

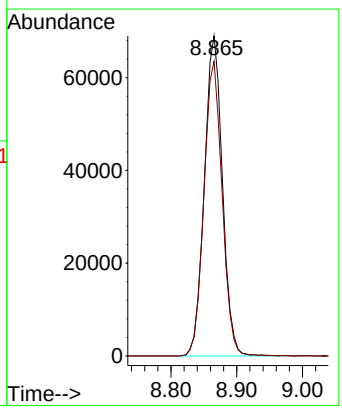


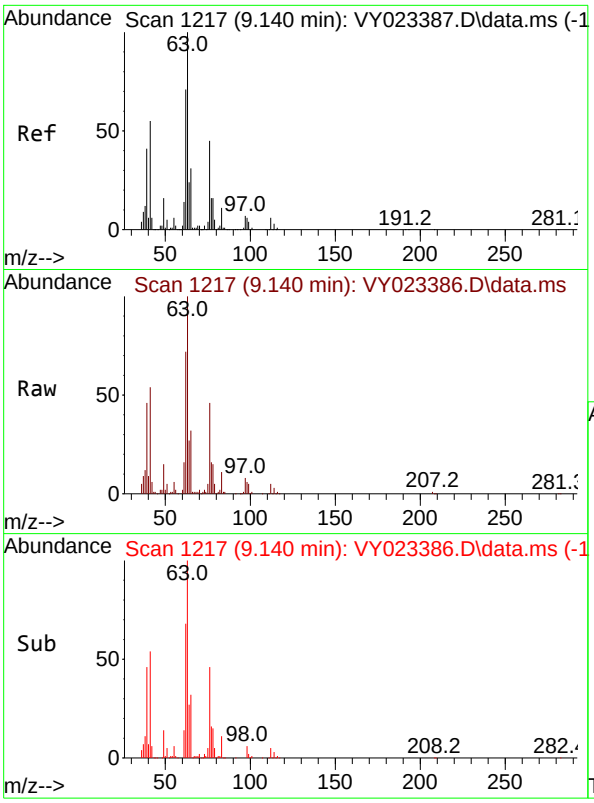


#44
Trichloroethene
Concen: 20.598 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:130 Resp: 131459

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	180.6



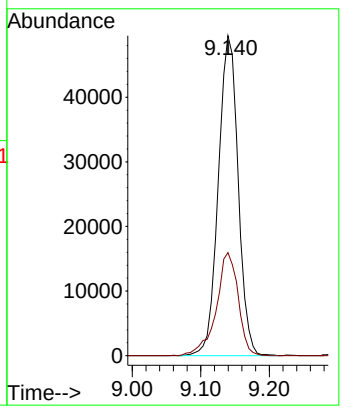


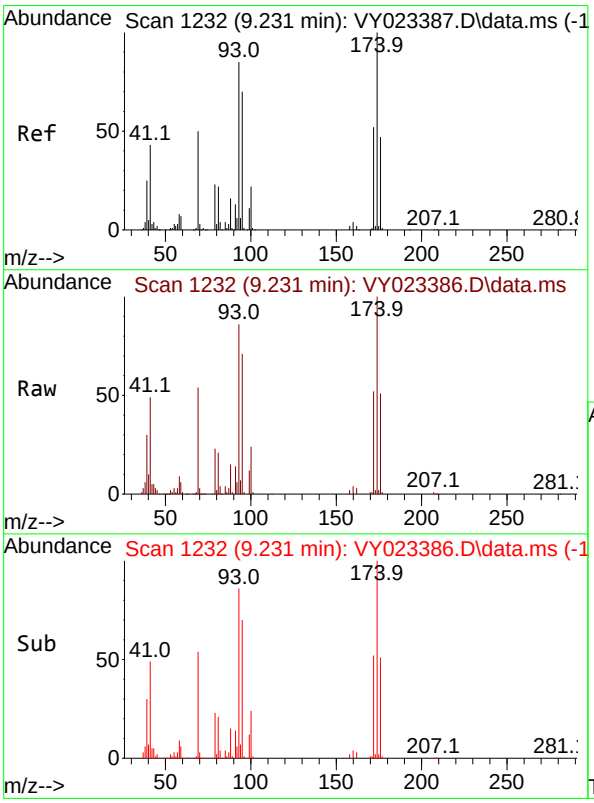
#45
1,2-Dichloropropane
Concen: 19.417 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 99363

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.9	37.3

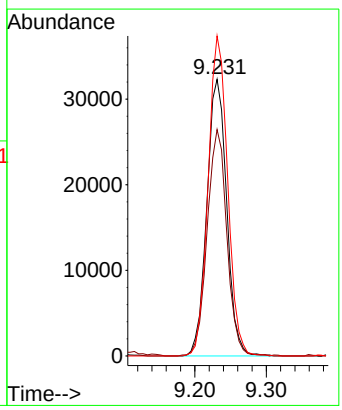


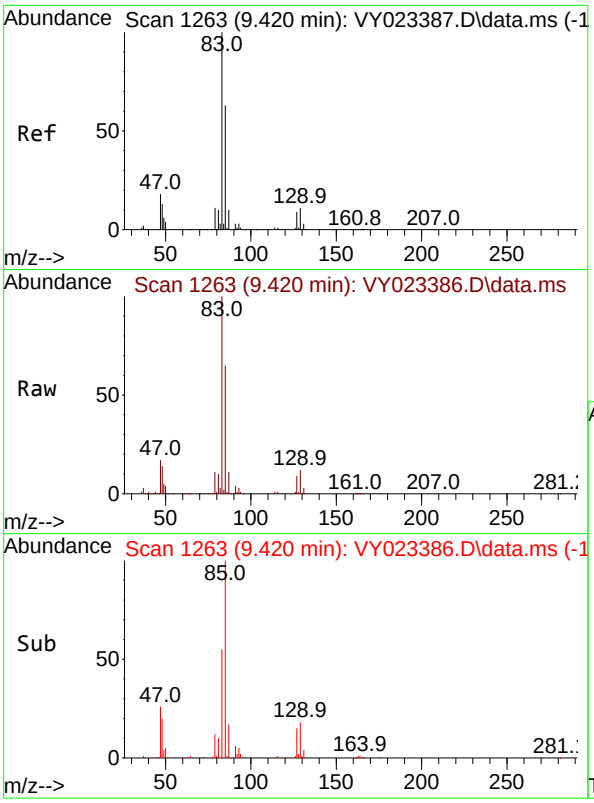


#46
Dibromomethane
Concen: 19.896 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 93 Resp: 62277

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.4	98.0
174	113.6	92.9	139.3



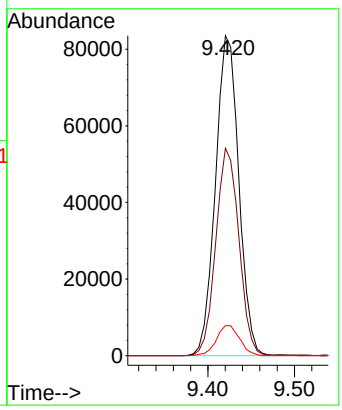


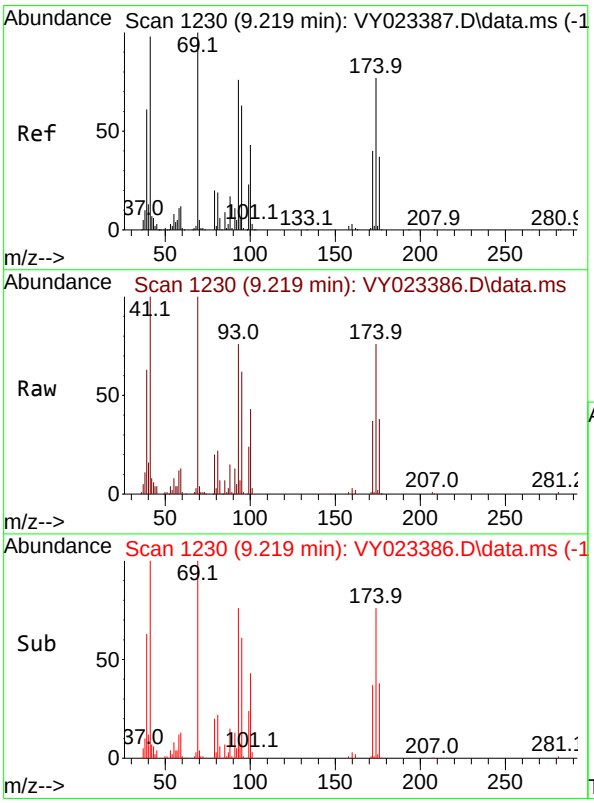
#47
Bromodichloromethane
Concen: 19.854 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 156426

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2
127	9.4	7.4	11.2

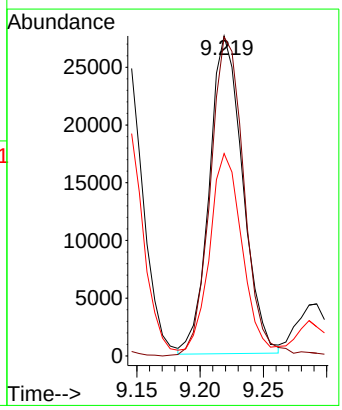


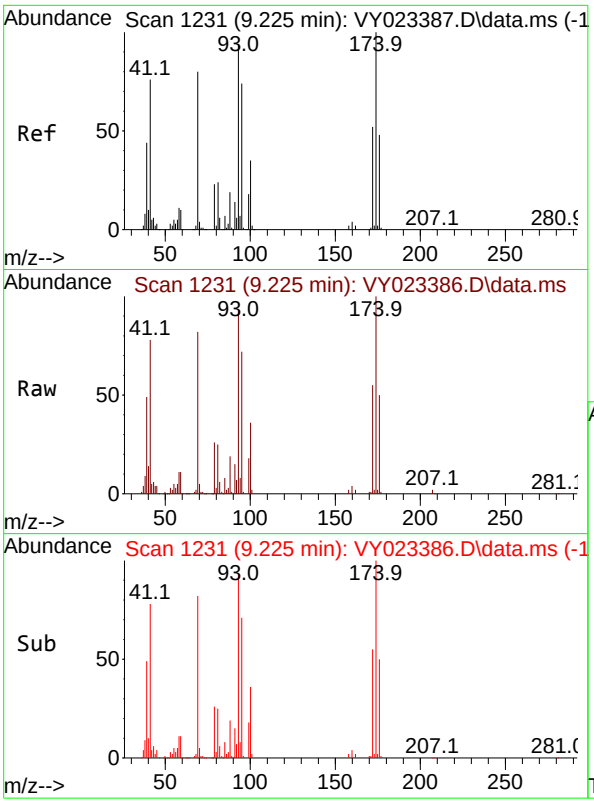


#48
Methyl methacrylate
Concen: 19.352 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 41 Resp: 50661

Ion	Ratio	Lower	Upper
41	100		
69	102.0	81.0	121.4
39	58.8	48.2	72.4



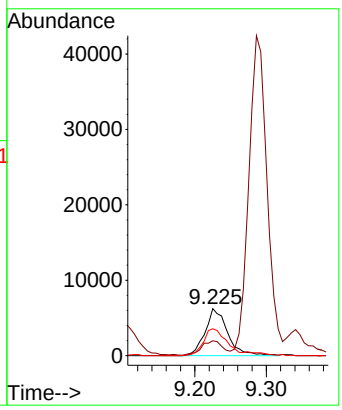


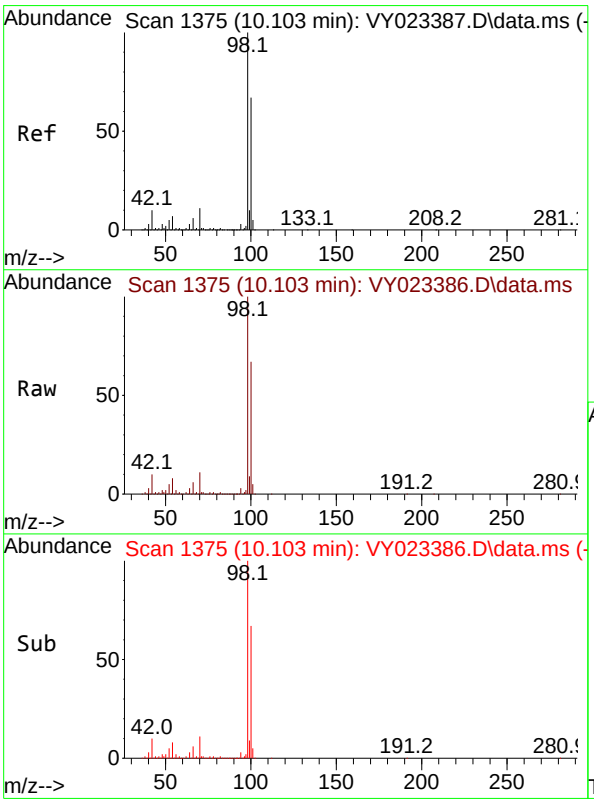
#49
1,4-Dioxane
Concen: 420.712 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 13636

Ion	Ratio	Lower	Upper
88	100		
43	28.9	21.8	32.8
58	58.1	46.8	70.2

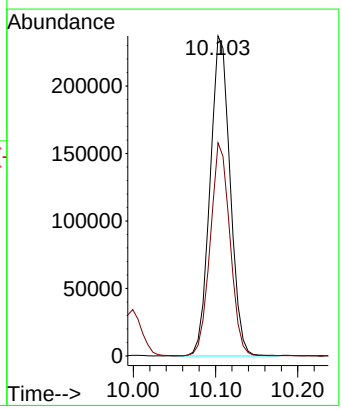


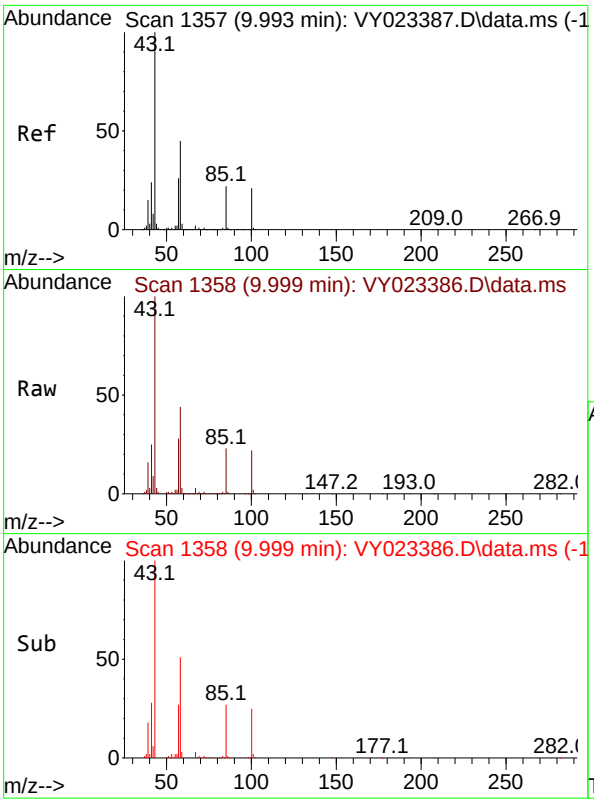


#50
Toluene-d8
Concen: 20.568 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 98 Resp: 401067

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4



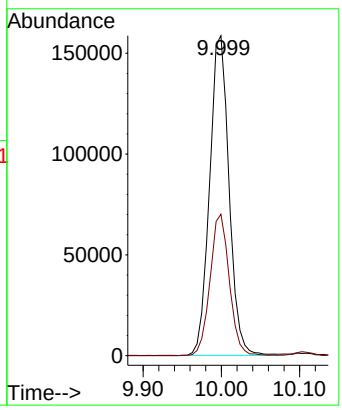


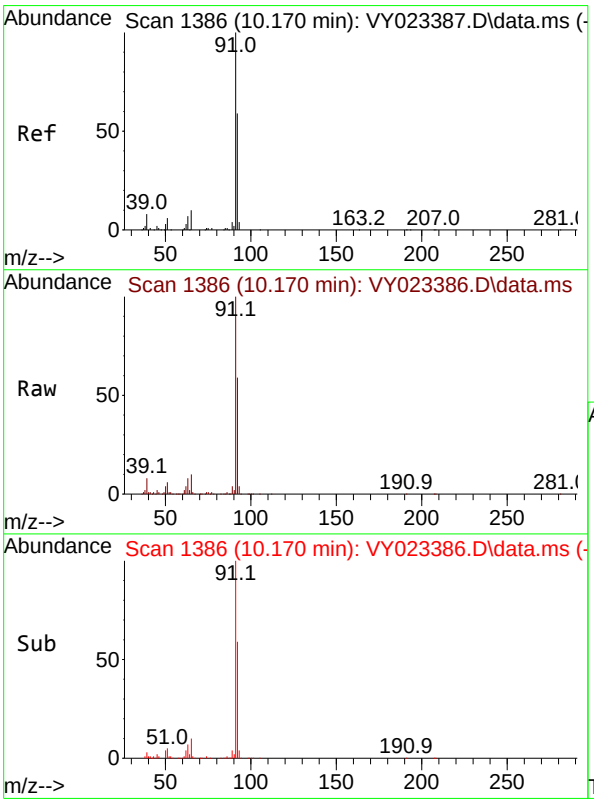
#51
4-Methyl-2-Pentanone
Concen: 95.378 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 274059

Ion	Ratio	Lower	Upper
43	100		
58	43.8	35.3	52.9

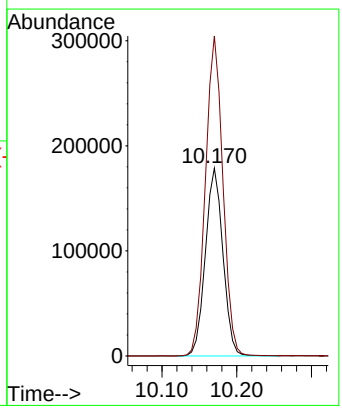


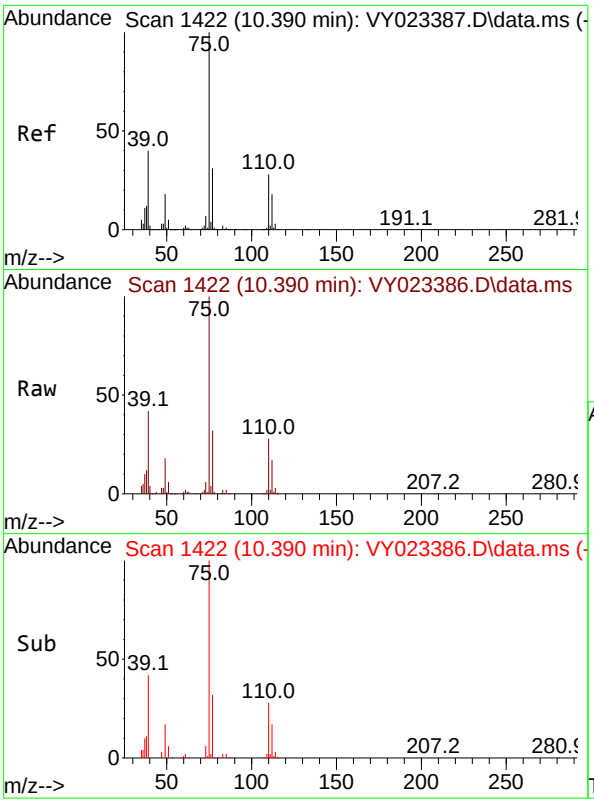


#52
Toluene
Concen: 20.191 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 92 Resp: 291453

Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.4	204.6



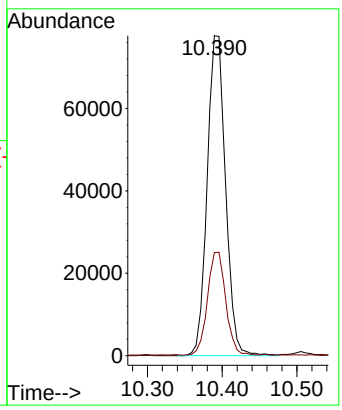


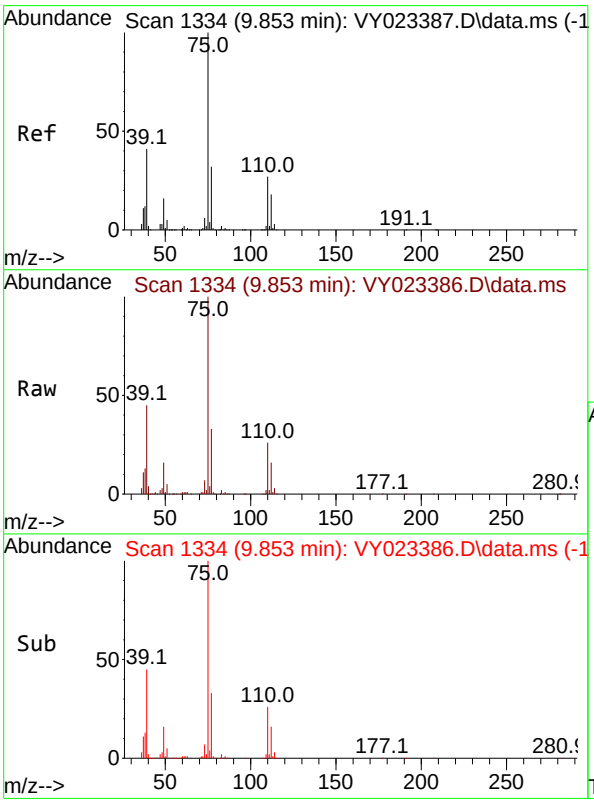
#53
t-1,3-Dichloropropene
Concen: 19.632 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 132848

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

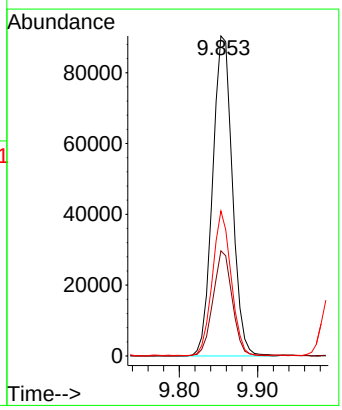


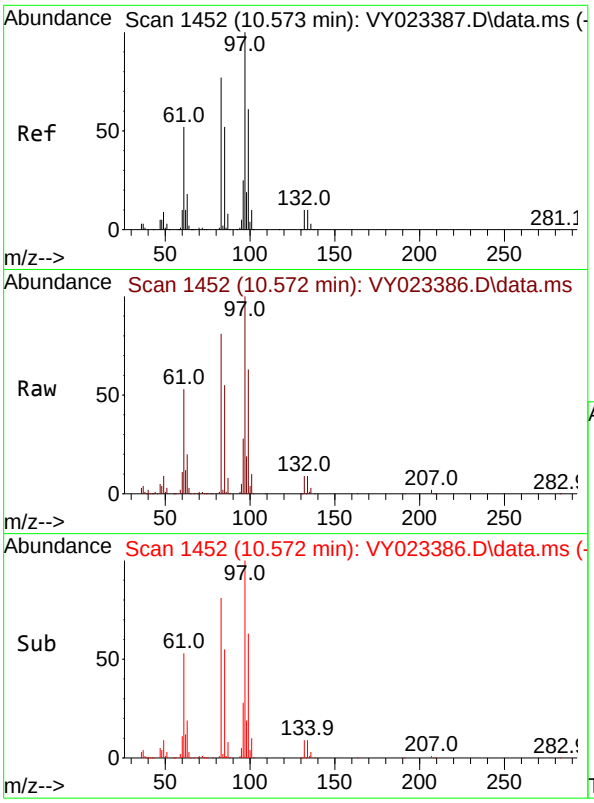


#54
cis-1,3-Dichloropropene
Concen: 19.606 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 158580

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0
39	45.1	32.8	49.2



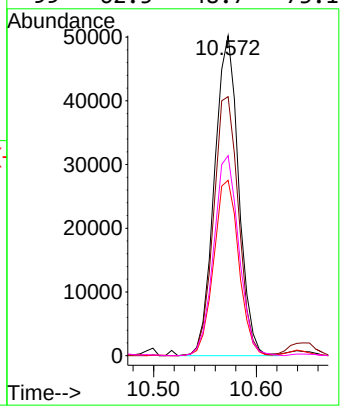


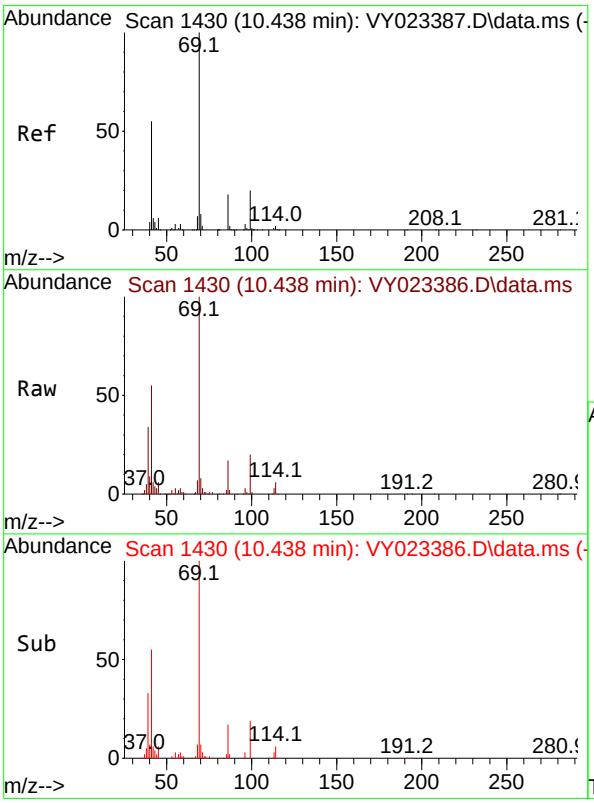
#55
1,1,2-Trichloroethane
Concen: 19.740 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 82183

Ion	Ratio	Lower	Upper
97	100		
83	80.9	61.8	92.6
85	54.8	41.3	61.9
99	62.5	48.7	73.1

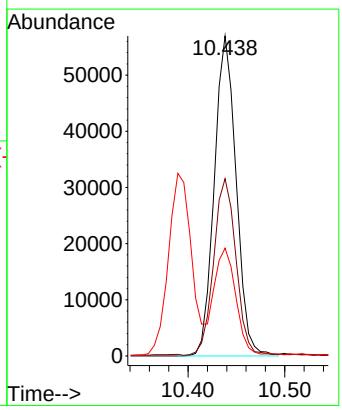


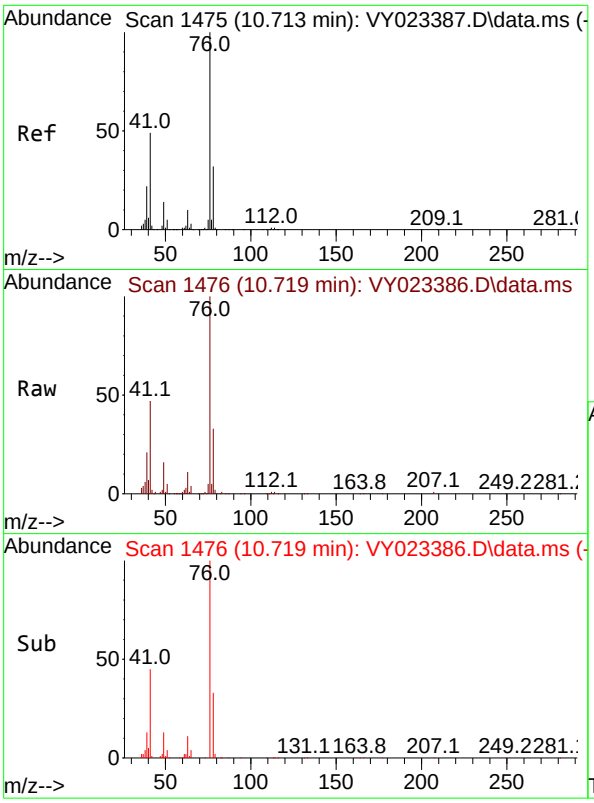


#56
Ethyl methacrylate
Concen: 18.613 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 69 Resp: 89244

Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.6	67.0
39	34.5	27.0	40.4



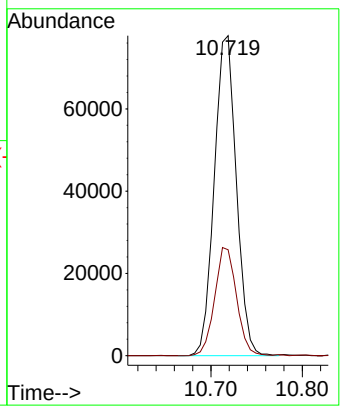


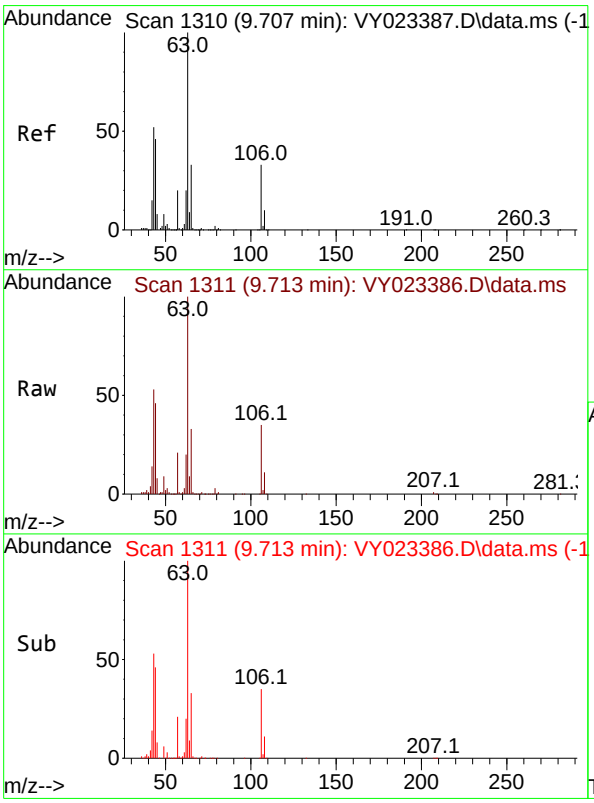
#57
1,3-Dichloropropane
Concen: 19.389 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 130650

Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.9	38.9

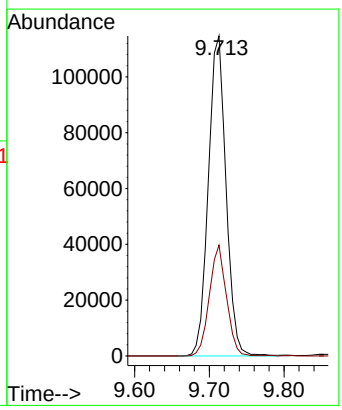


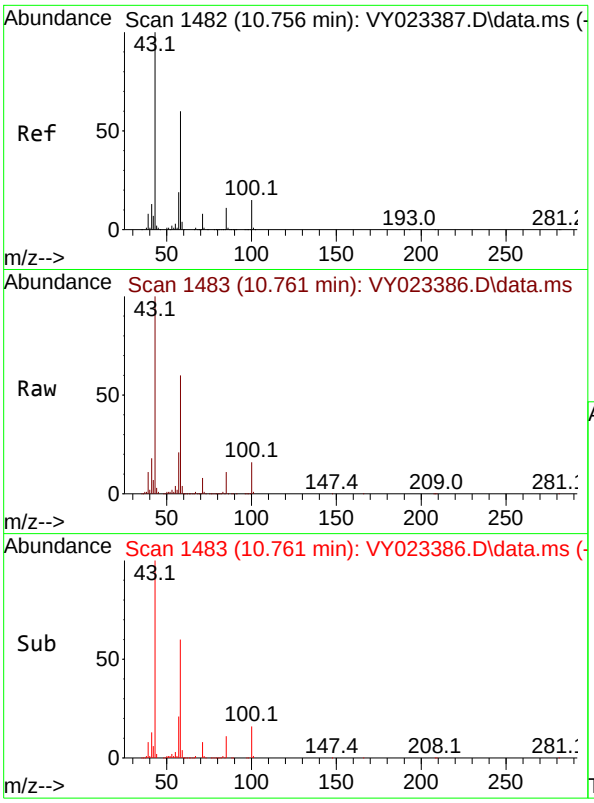


#58
2-Chloroethyl Vinyl ether
Concen: 89.723 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 63 Resp: 188209

Ion	Ratio	Lower	Upper
63	100		
106	33.4	26.6	39.8



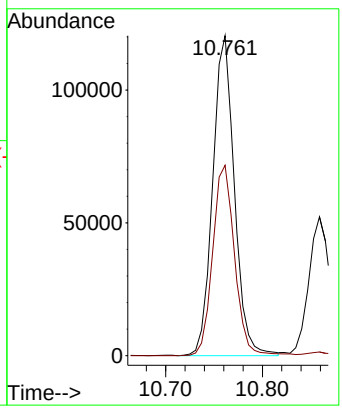


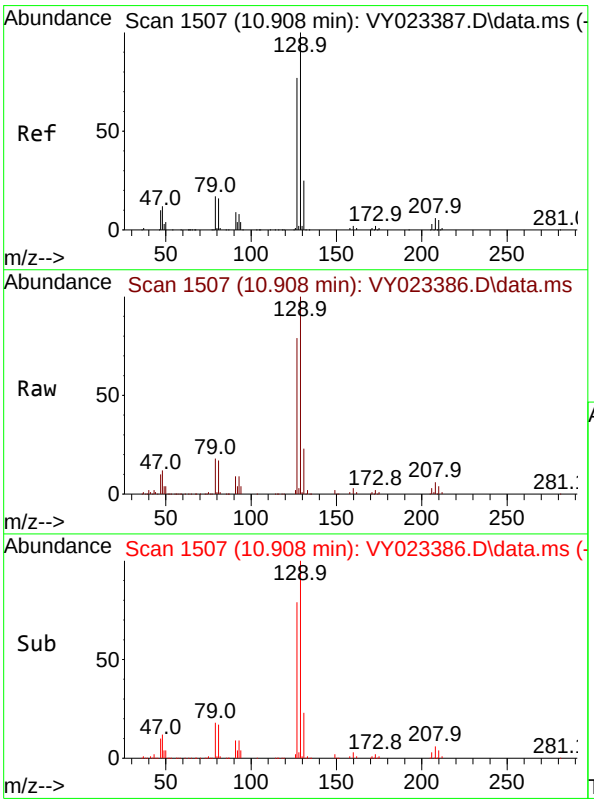
#59
2-Hexanone
Concen: 94.190 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 187387

Ion	Ratio	Lower	Upper
43	100		
58	60.2	30.5	91.5

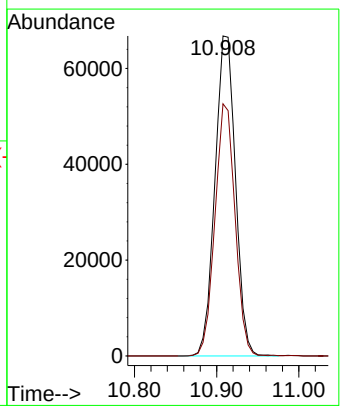


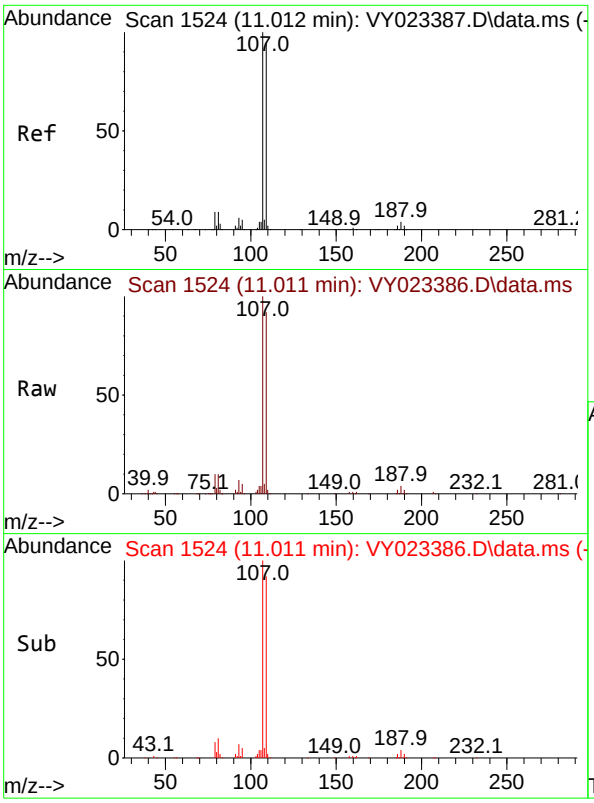


#60
Dibromochloromethane
Concen: 20.412 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:129 Resp: 115907

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7



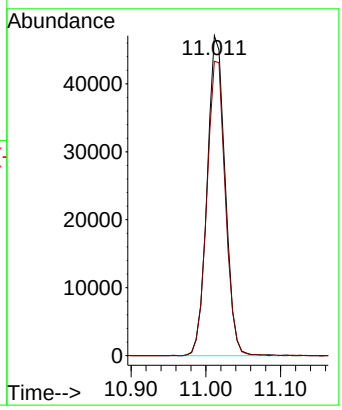


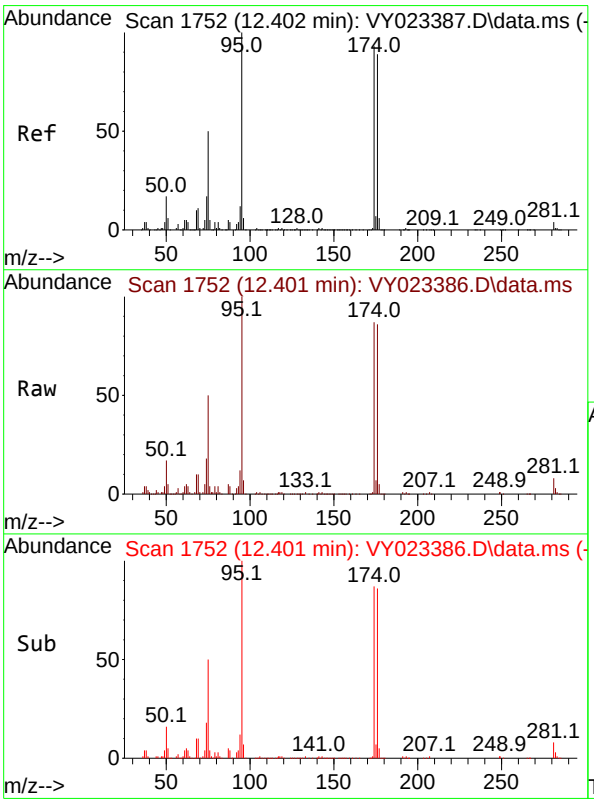
#61
1,2-Dibromoethane
Concen: 20.062 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 78579

Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1

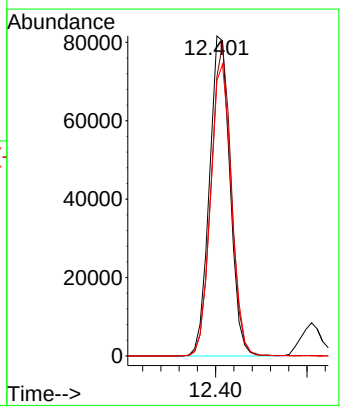


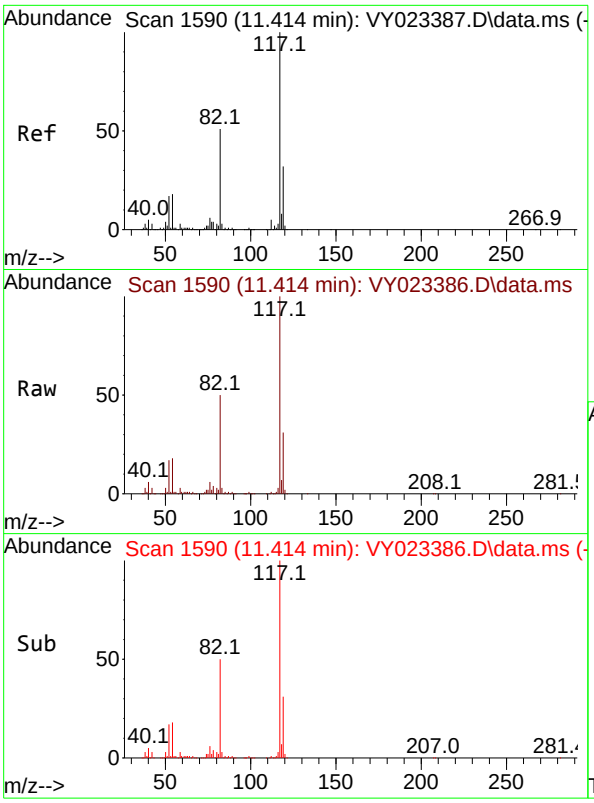


#62
4-Bromofluorobenzene
Concen: 20.680 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 95 Resp: 127216

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	192.8
176	92.7	0.0	187.6



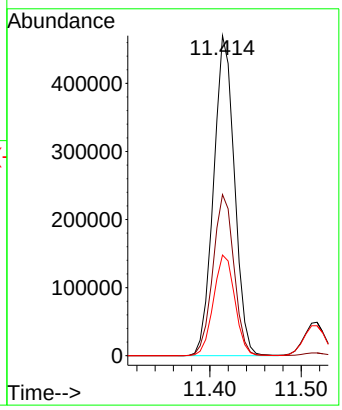


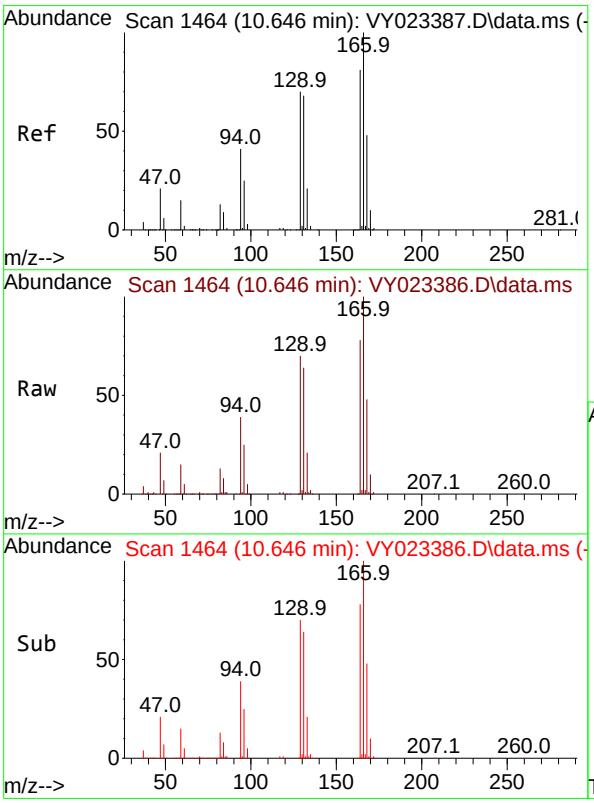
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 746872

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	31.4	25.6	38.4

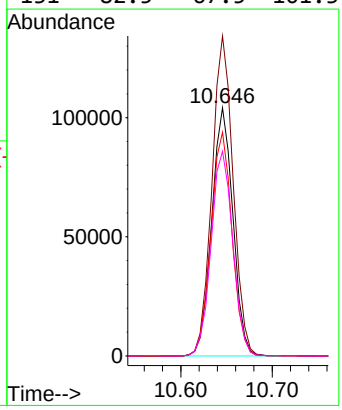


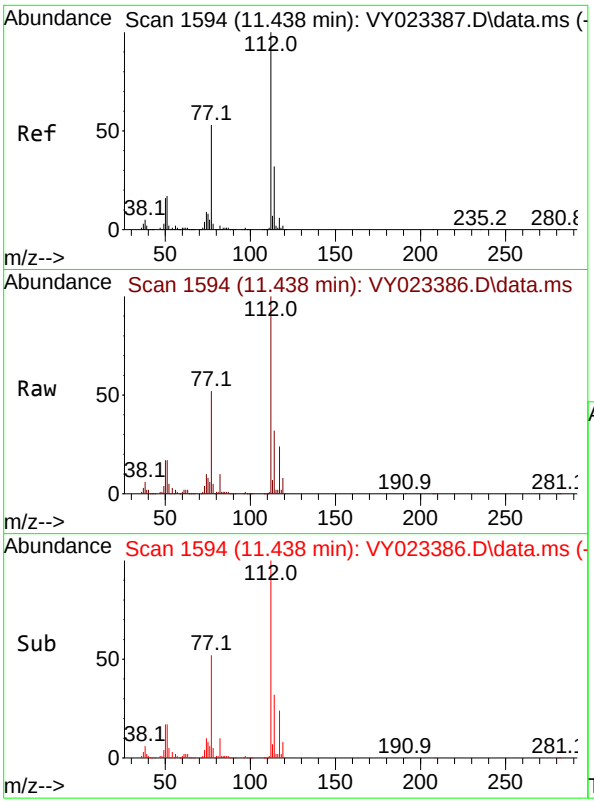


#64
Tetrachloroethene
Concen: 22.438 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:164 Resp: 167648

Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.4	149.0
129	90.1	69.4	104.2
131	82.5	67.5	101.3



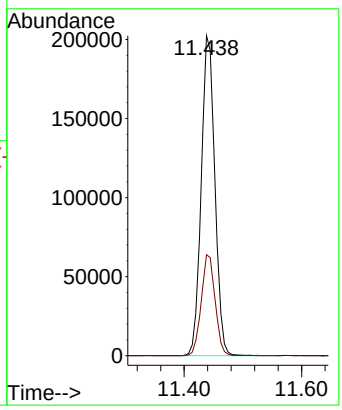


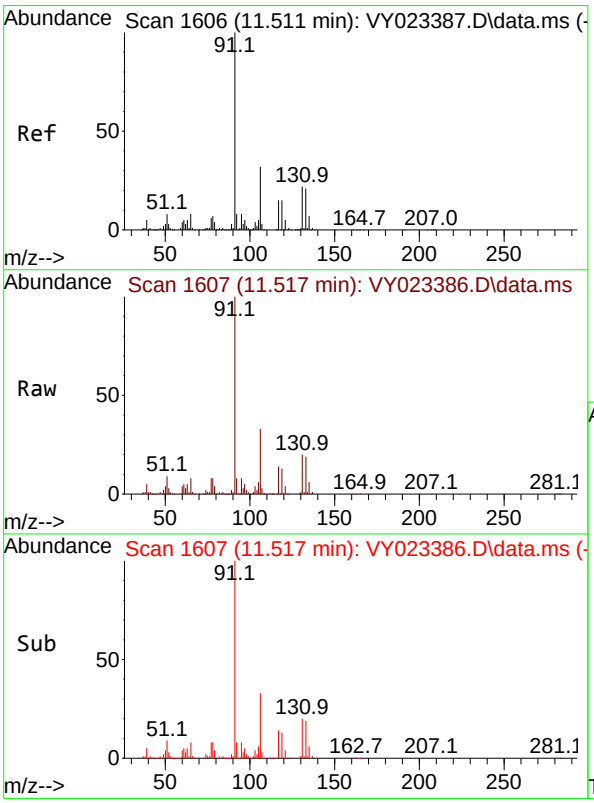
#65
Chlorobenzene
Concen: 20.109 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 326360

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

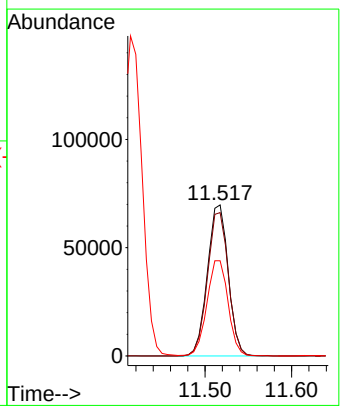


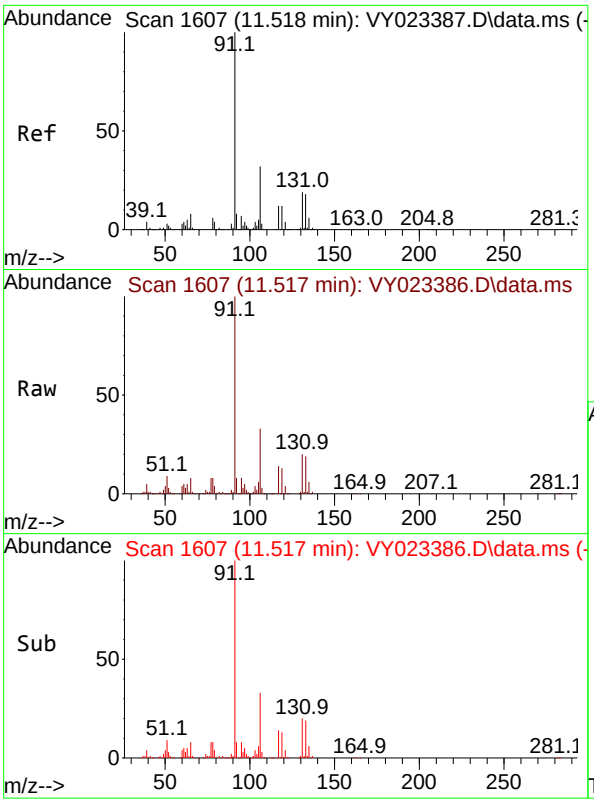


#66
1,1,1,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:131 Resp: 116412

Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.2
119	64.4	32.4	97.2



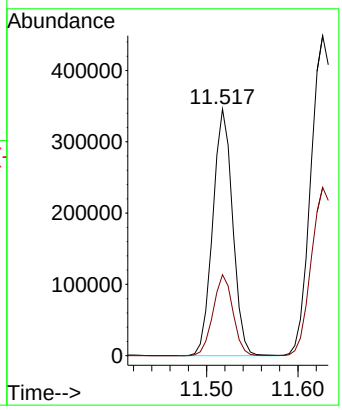


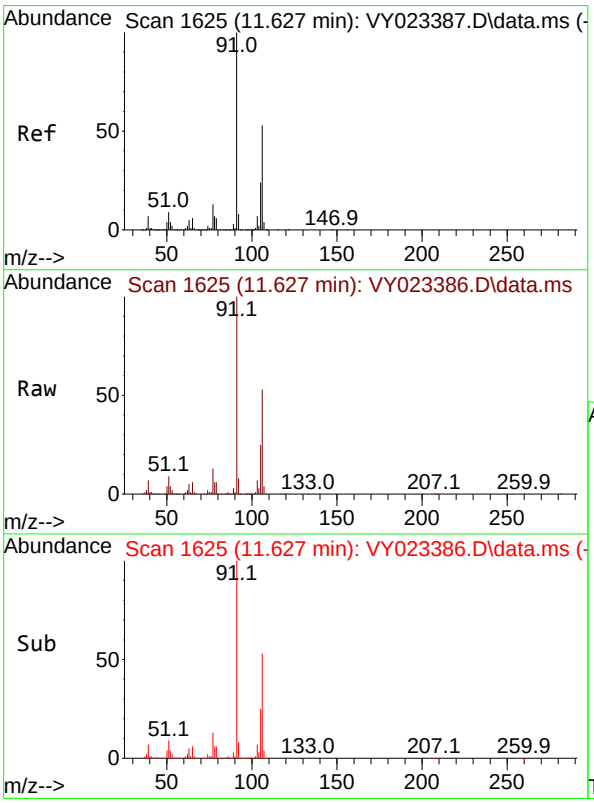
#67
Ethyl Benzene
Concen: 19.768 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 523606

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.8	38.8

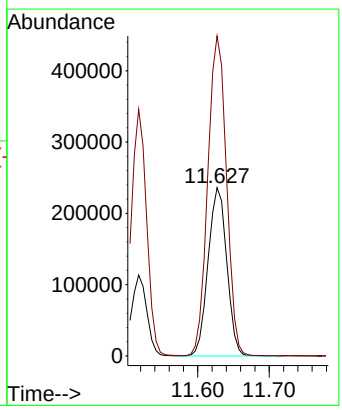


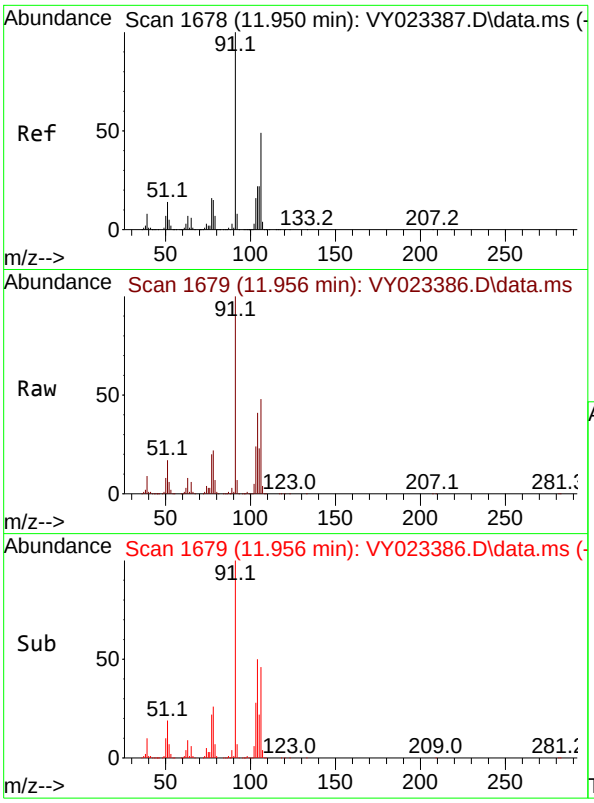


#68
m/p-Xylenes
Concen: 40.211 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:106 Resp: 426913

Ion	Ratio	Lower	Upper
106	100		
91	190.8	152.6	229.0



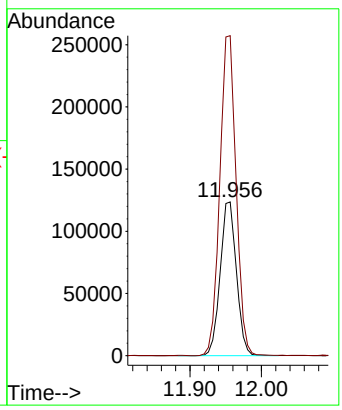


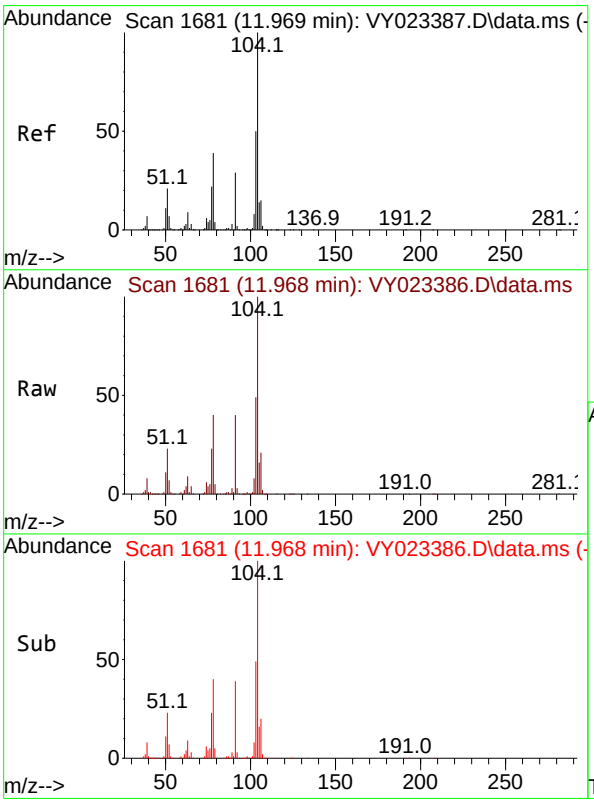
#69
o-Xylene
Concen: 19.843 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 195021

Ion	Ratio	Lower	Upper
106	100		
91	208.5	101.4	304.1

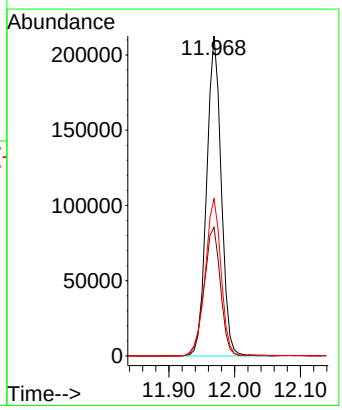


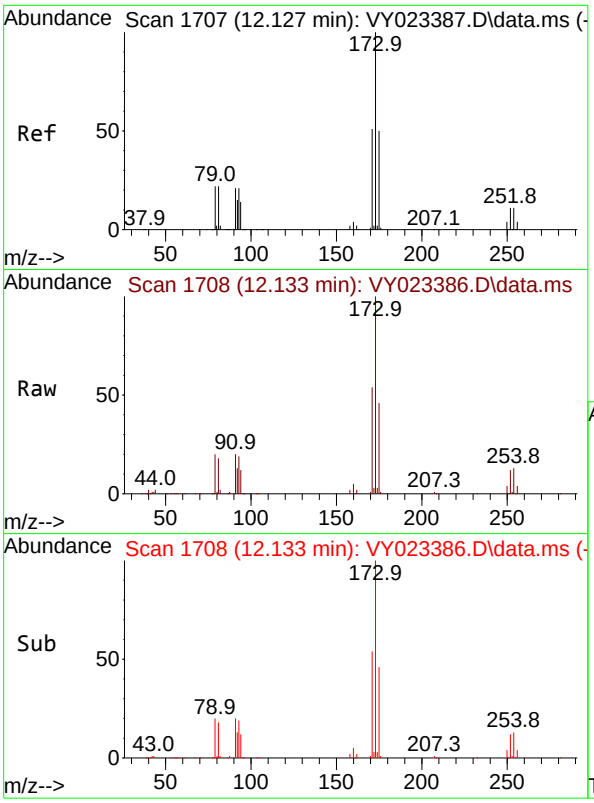


#70
Styrene
Concen: 20.208 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:104 Resp: 327934

Ion	Ratio	Lower	Upper
104	100		
78	45.4	36.1	54.1
103	53.3	43.2	64.8



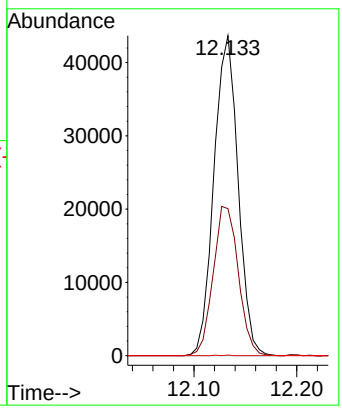


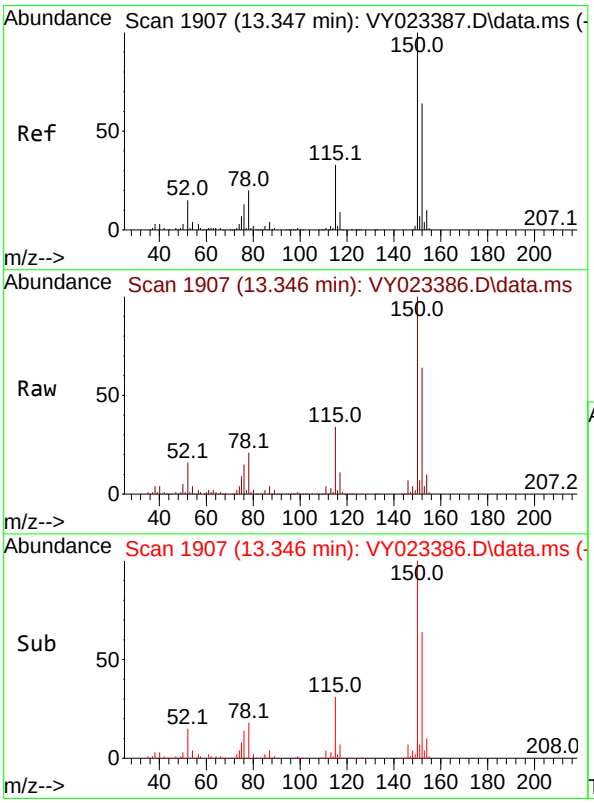
#71
Bromoform
Concen: 20.814 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 71119

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.3
254	0.0	0.1	0.1#

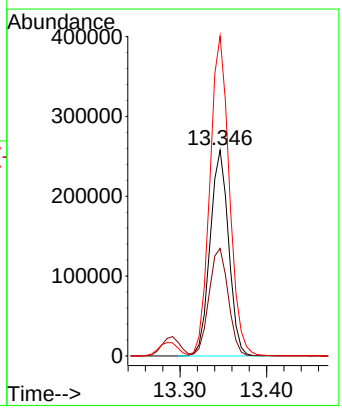


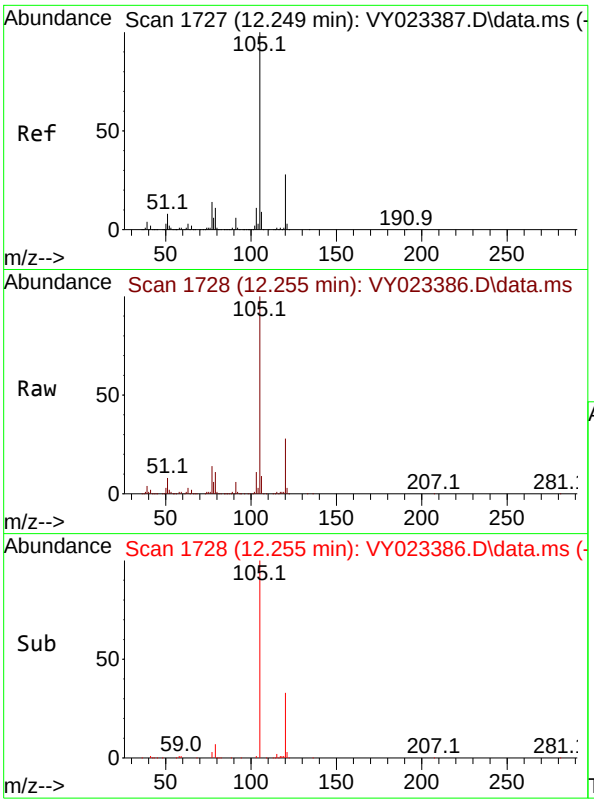


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:152 Resp: 382604

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.2
150	163.2	0.0	347.4



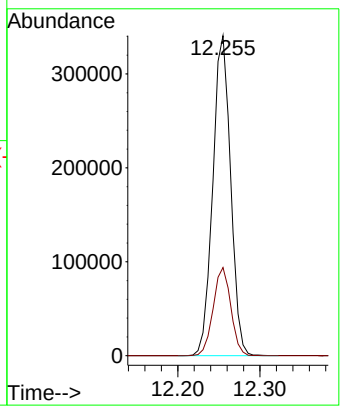


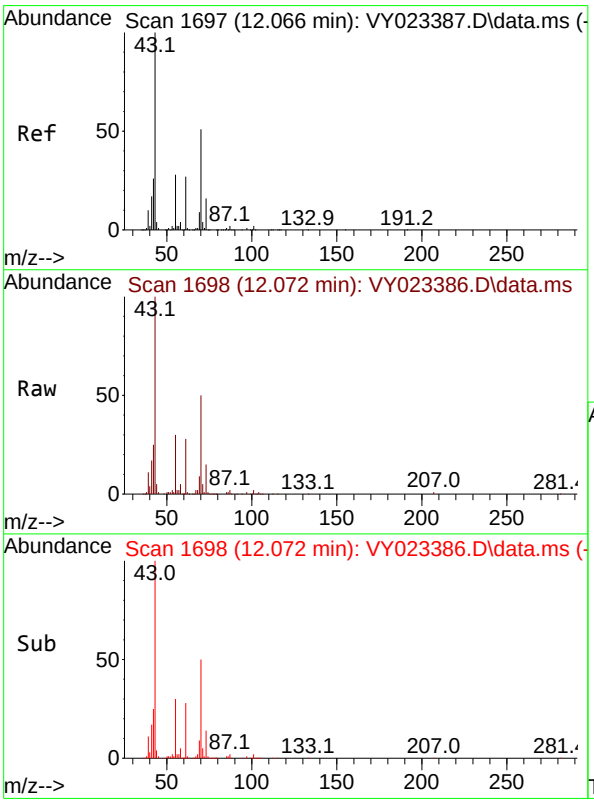
#73
Isopropylbenzene
Concen: 20.136 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 513183

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.7

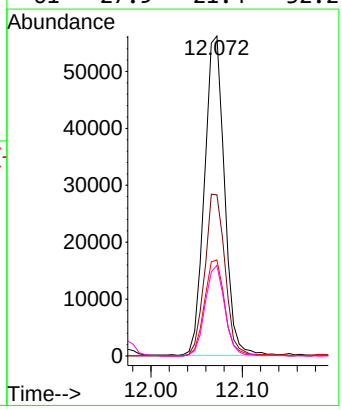


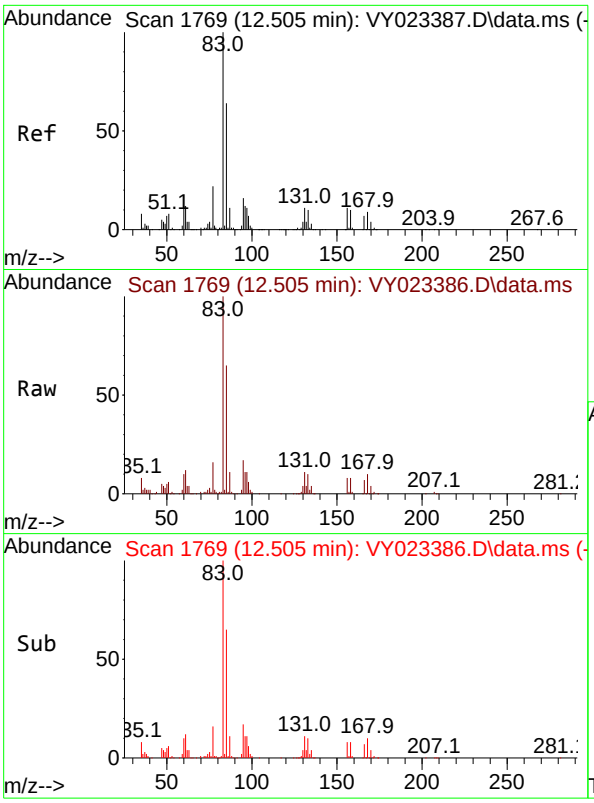


#74
N-amyl acetate
Concen: 17.860 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 43 Resp: 85063

Ion	Ratio	Lower	Upper
43	100		
70	51.8	41.1	61.7
55	30.6	23.0	34.6
61	27.9	21.4	32.2



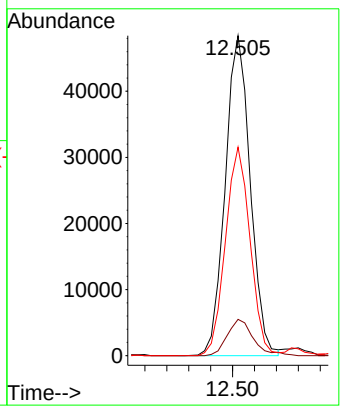


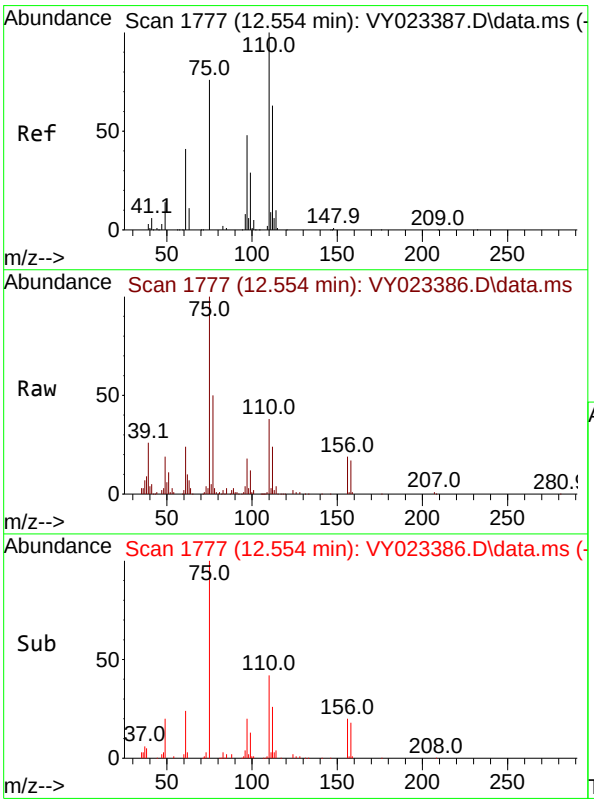
#75
1,1,2,2-Tetrachloroethane
Concen: 18.069 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 76821

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.6
85	64.1	31.8	95.3

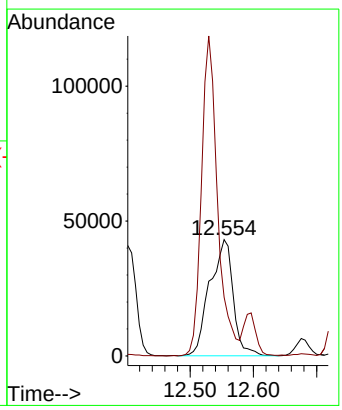


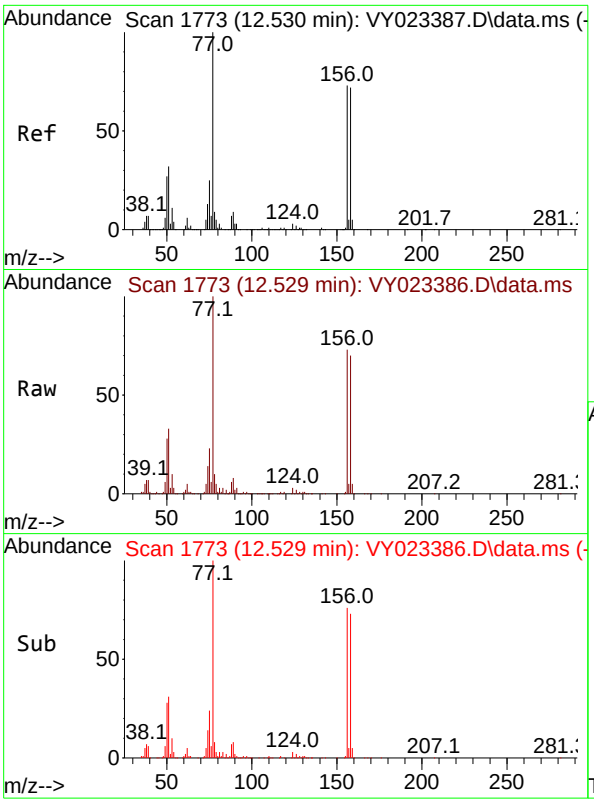


#76
1,2,3-Trichloropropane
Concen: 29.209 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 110236

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



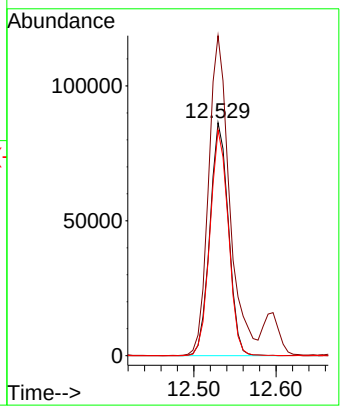


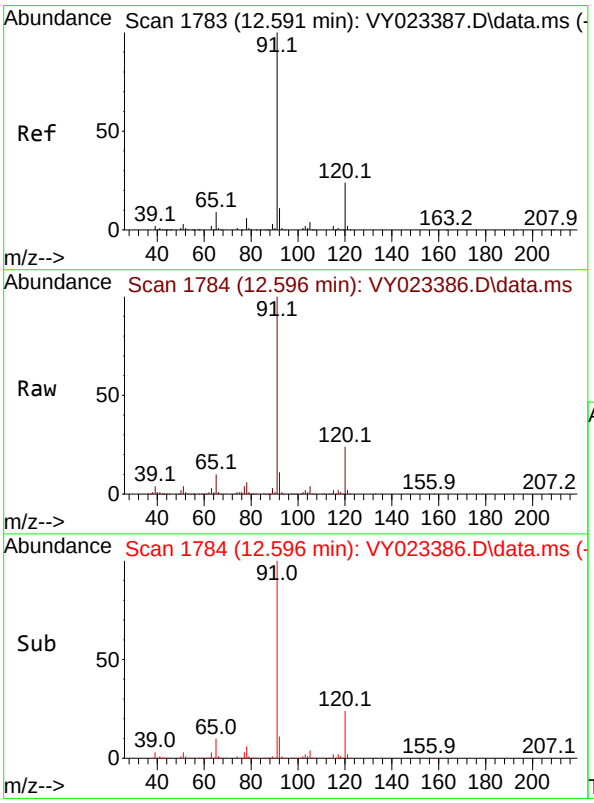
#77
Bromobenzene
Concen: 20.700 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 135402

Ion	Ratio	Lower	Upper
156	100		
77	156.2	76.8	230.5
158	96.1	49.0	147.2

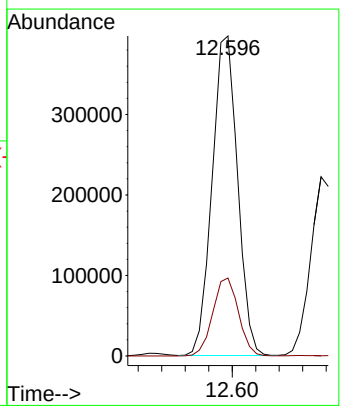


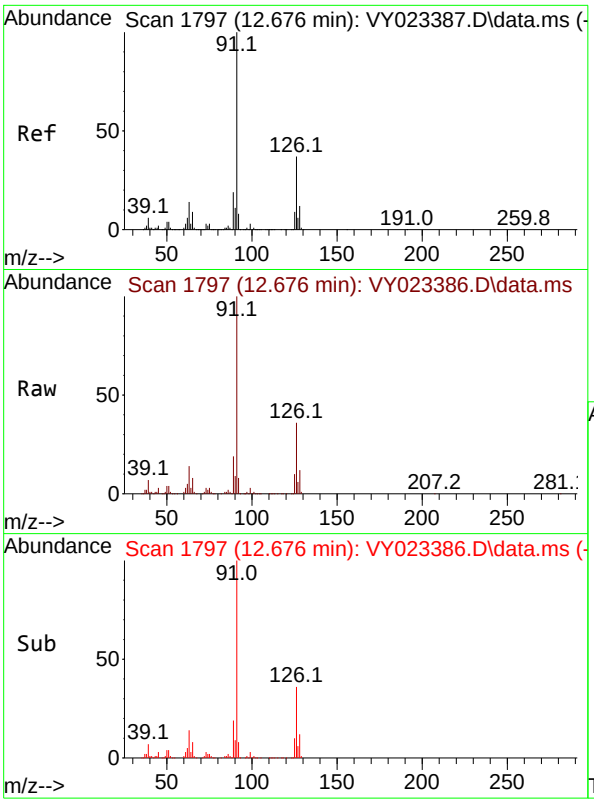


#78
n-propylbenzene
Concen: 19.945 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 597829

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.8



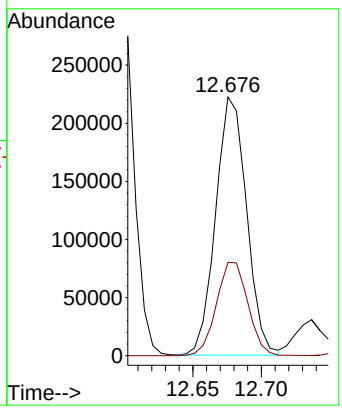


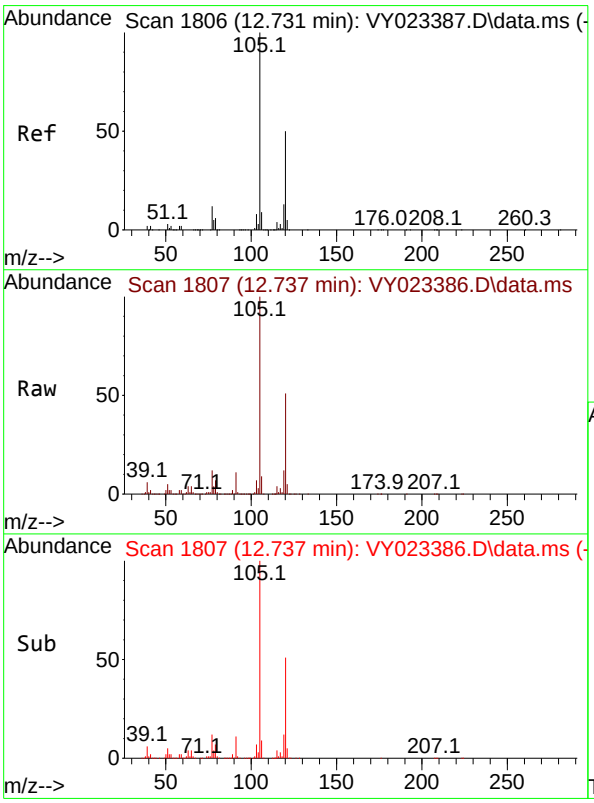
#79
2-Chlorotoluene
Concen: 20.179 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 349203

Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5

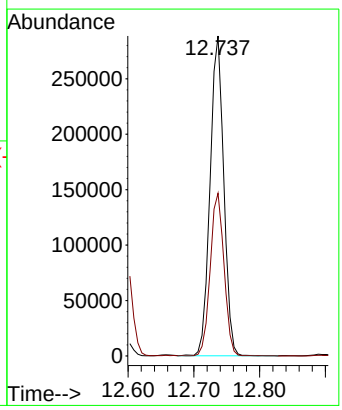


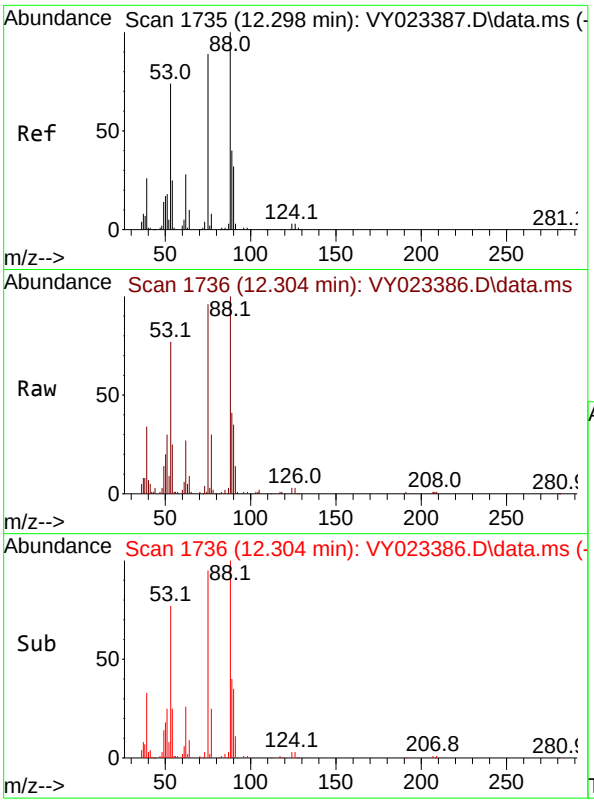


#80
1,3,5-Trimethylbenzene
Concen: 20.208 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 418684

Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.4	76.4



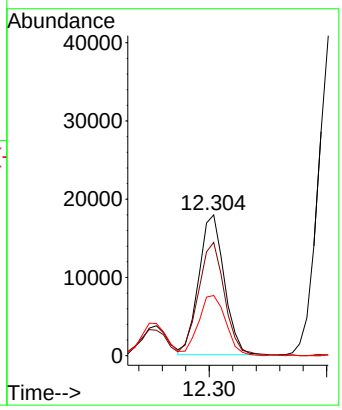


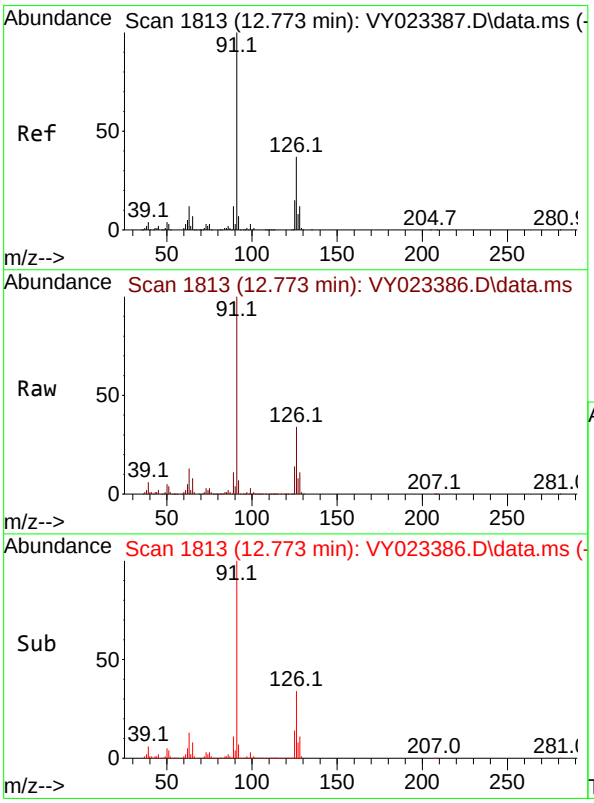
#81
trans-1,4-Dichloro-2-butene
Concen: 19.234 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 26922

Ion	Ratio	Lower	Upper
75	100		
53	84.4	68.6	102.8
89	46.4	39.0	58.4

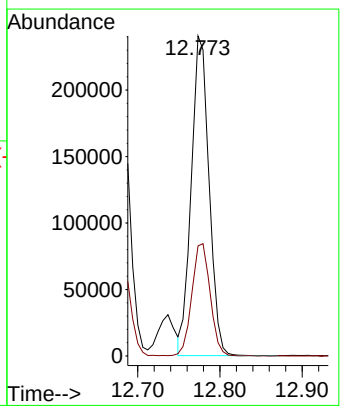


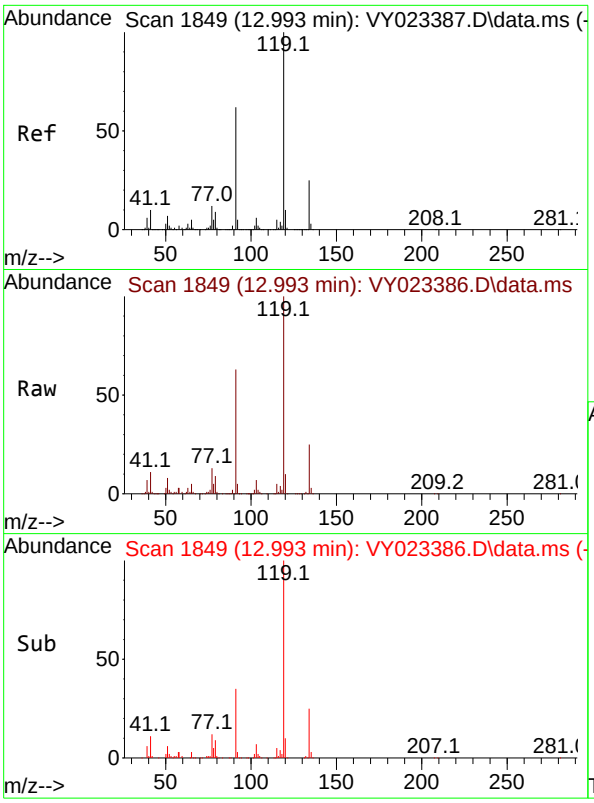


#82
4-Chlorotoluene
Concen: 20.000 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 91 Resp: 361458

Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.4	55.4



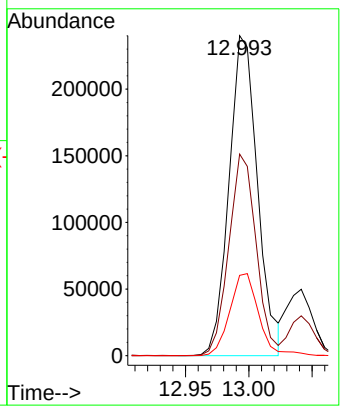


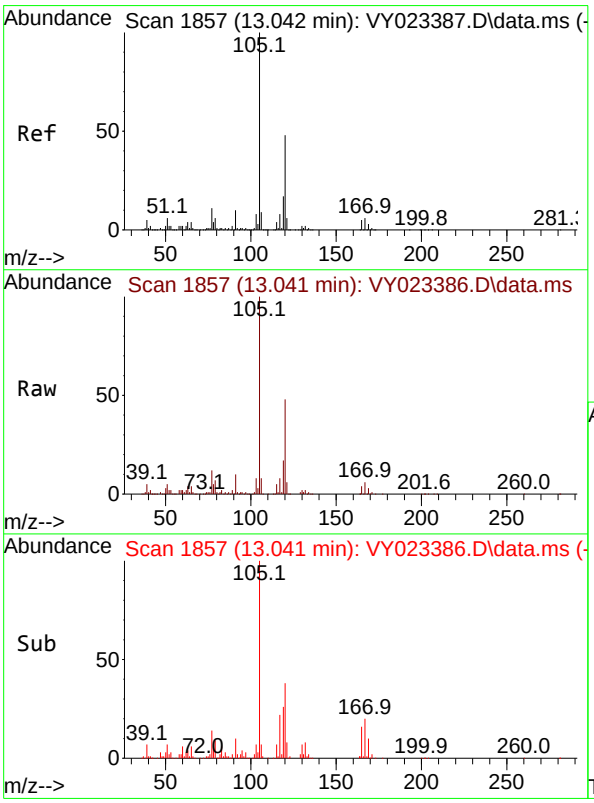
#83
tert-Butylbenzene
Concen: 19.983 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 377277

Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.9	89.8
134	26.1	12.9	38.7

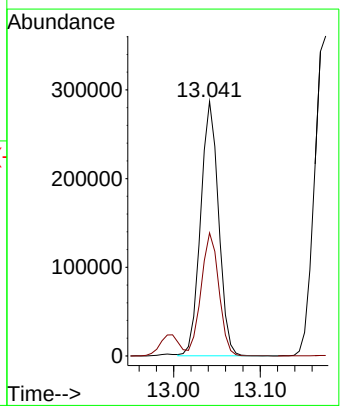


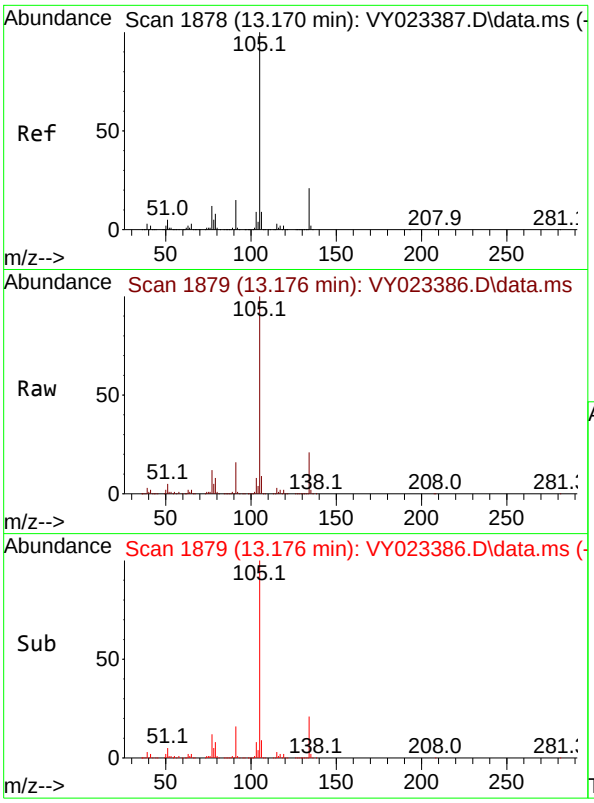


#84
1,2,4-Trimethylbenzene
Concen: 20.162 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:105 Resp: 413292

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.2



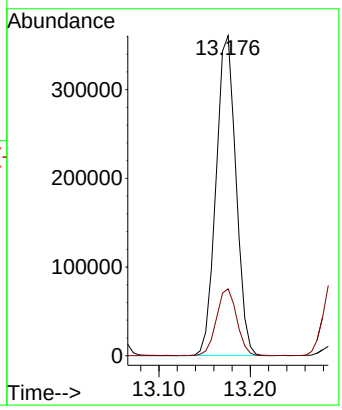


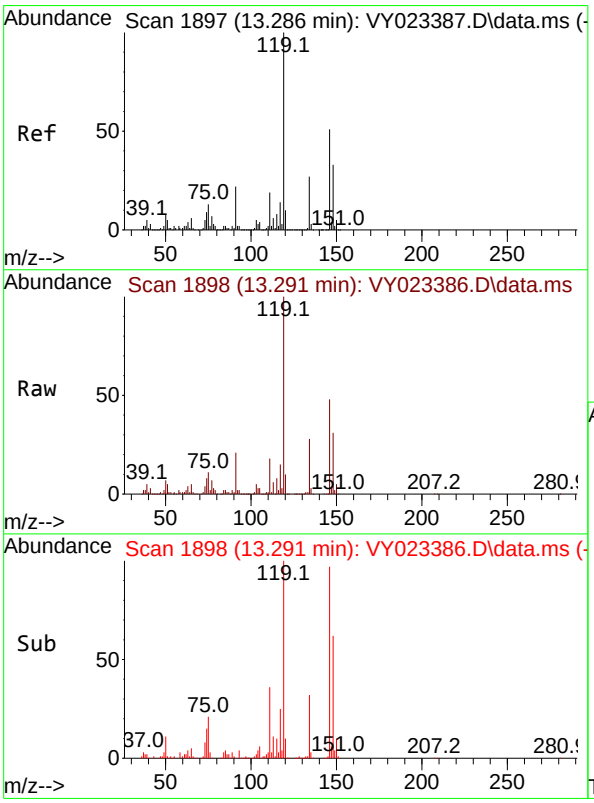
#85
sec-Butylbenzene
Concen: 19.990 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 546582

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

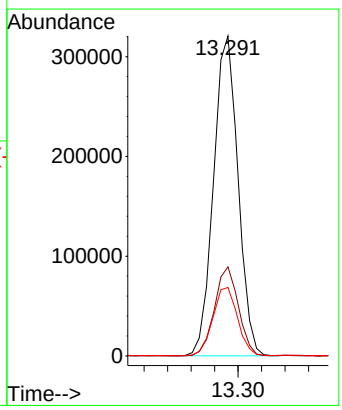


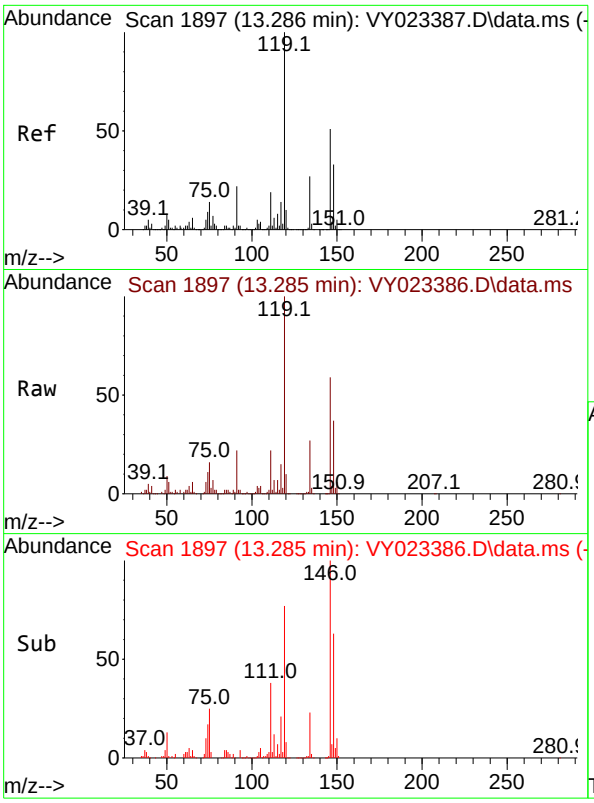


#86
p-Isopropyltoluene
Concen: 20.081 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:119 Resp: 464005

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.6	10.9	32.9



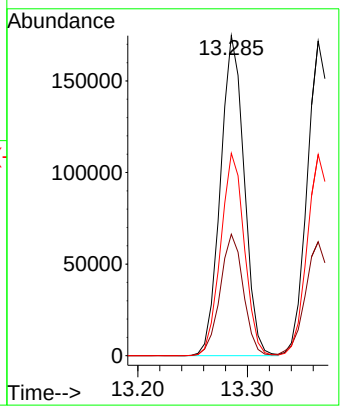


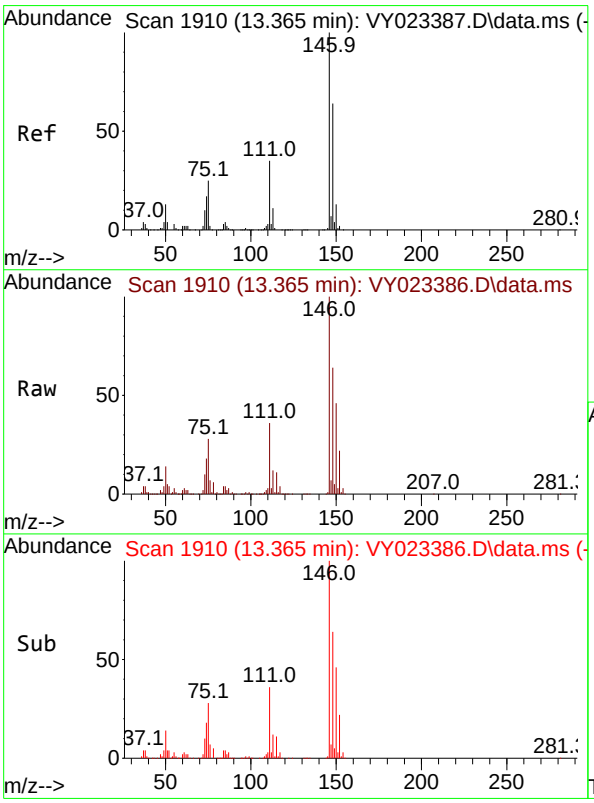
#87
1,3-Dichlorobenzene
Concen: 20.347 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 262901

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.1	31.9	95.9

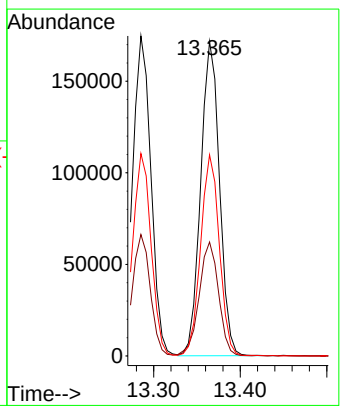


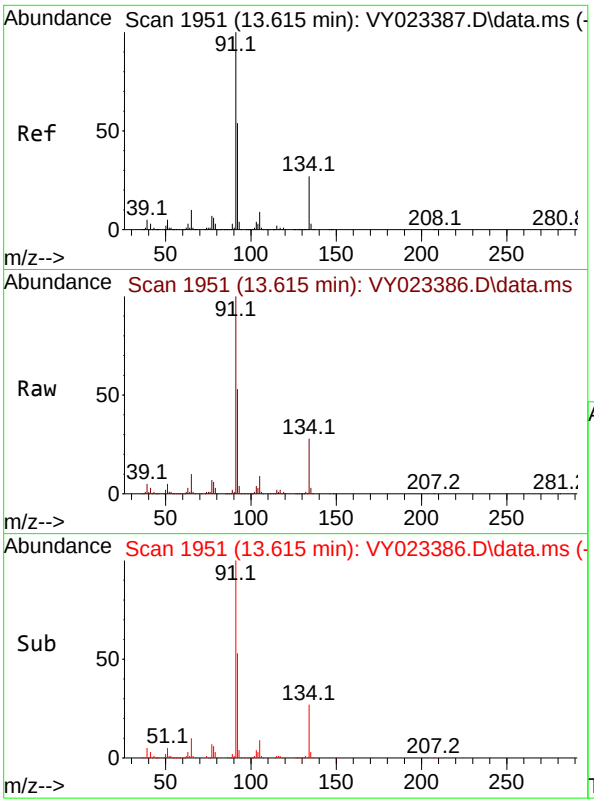


#88
1,4-Dichlorobenzene
Concen: 20.230 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:146 Resp: 259217

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.0	54.0
148	63.6	31.9	95.7



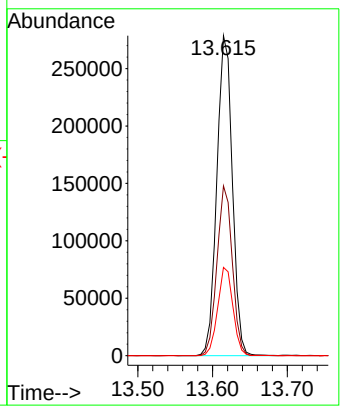


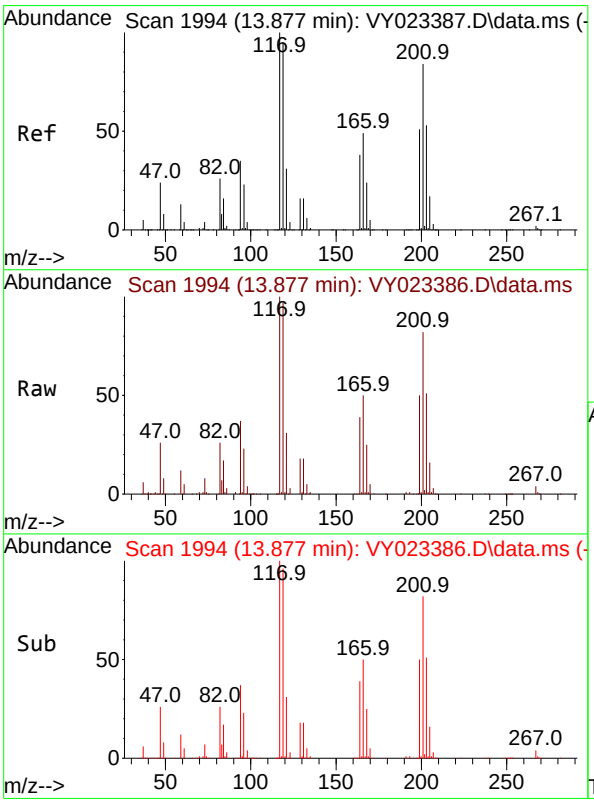
#89
n-Butylbenzene
Concen: 19.697 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 401893

Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	27.3	14.1	42.2

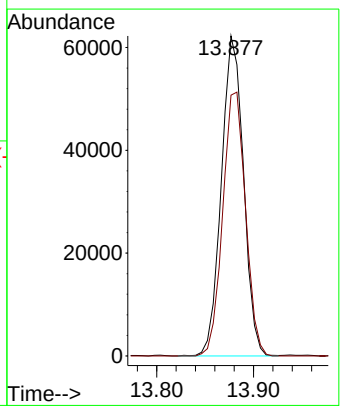


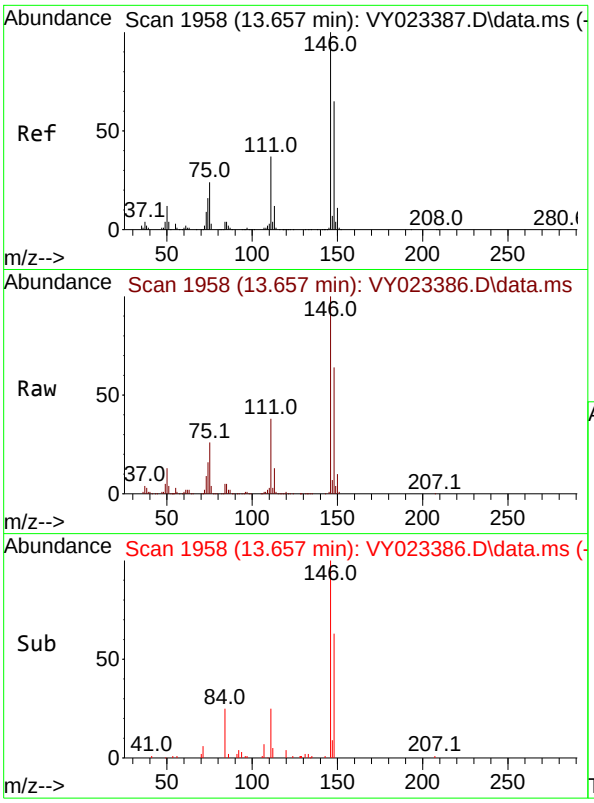


#90
Hexachloroethane
Concen: 19.730 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:117 Resp: 98983

Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.8	131.4



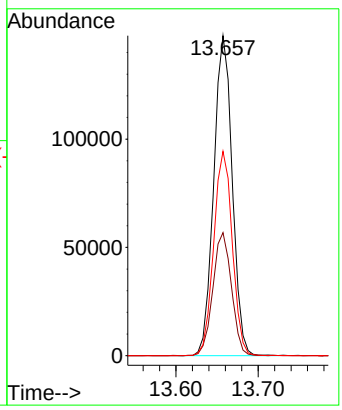


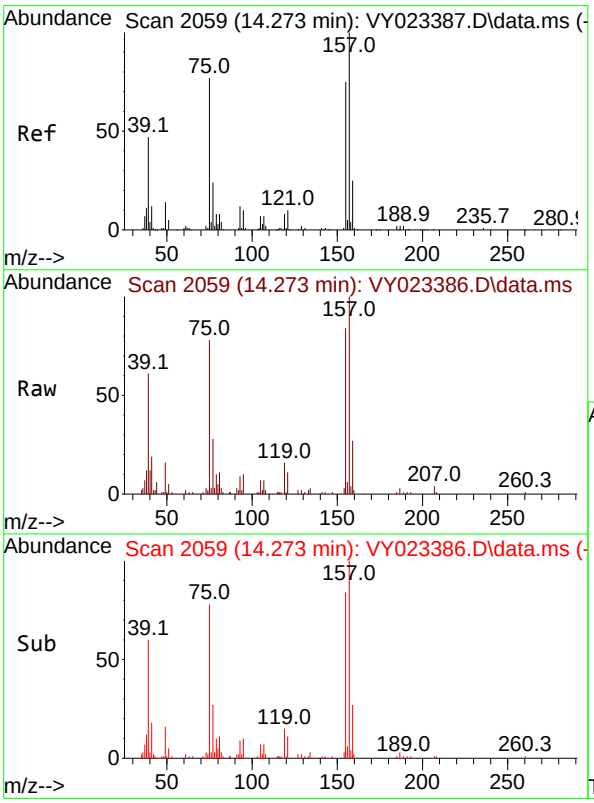
#91
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 231199

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	64.1	32.1	96.3

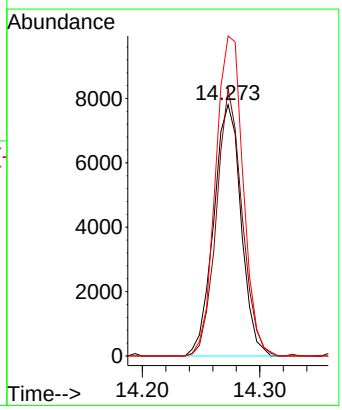


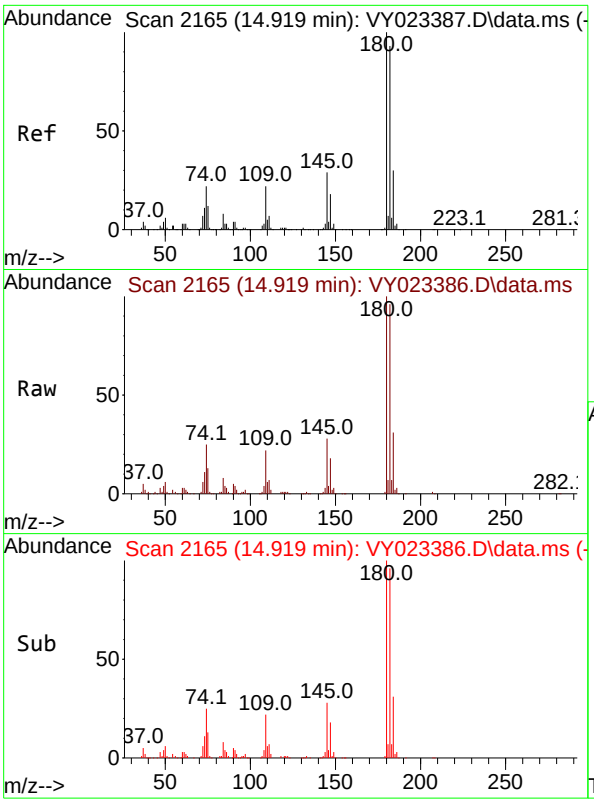


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.802 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion: 75 Resp: 12668

Ion	Ratio	Lower	Upper
75	100		
155	99.1	50.0	150.0
157	127.9	63.8	191.5



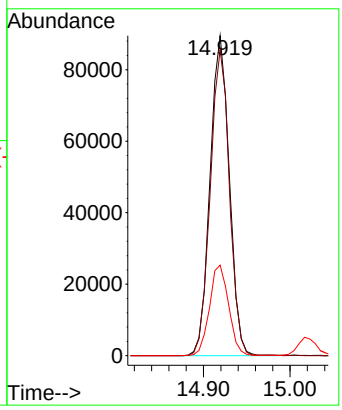


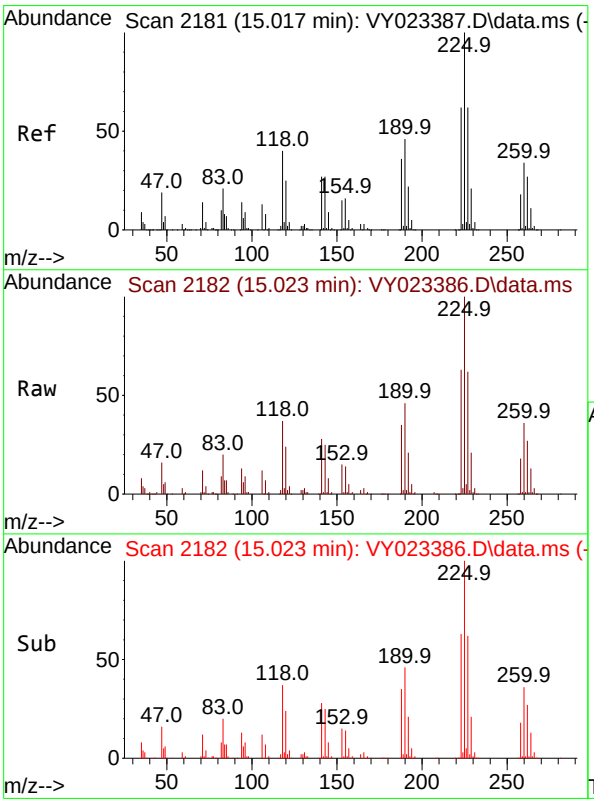
#93
1,2,4-Trichlorobenzene
Concen: 20.770 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 137963

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	28.3	14.7	44.1

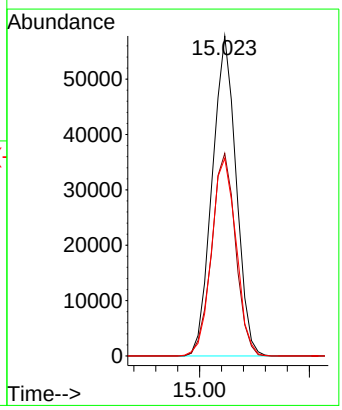


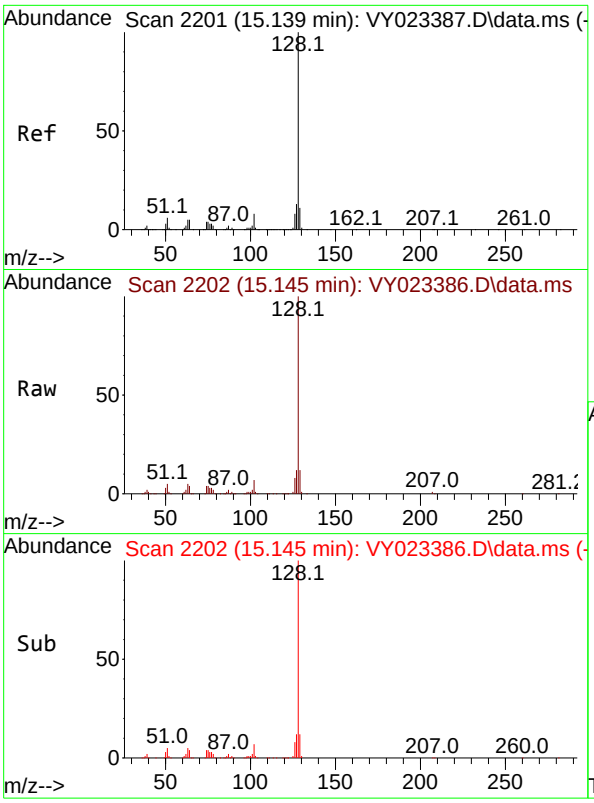


#94
Hexachlorobutadiene
Concen: 21.159 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:225 Resp: 87575

Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.8	92.3
227	63.4	31.9	95.7



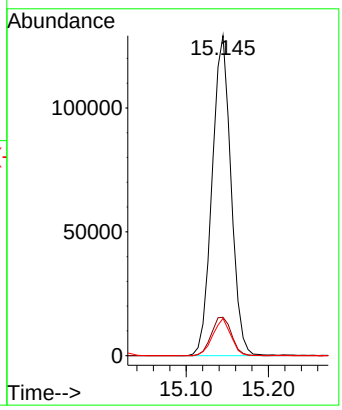


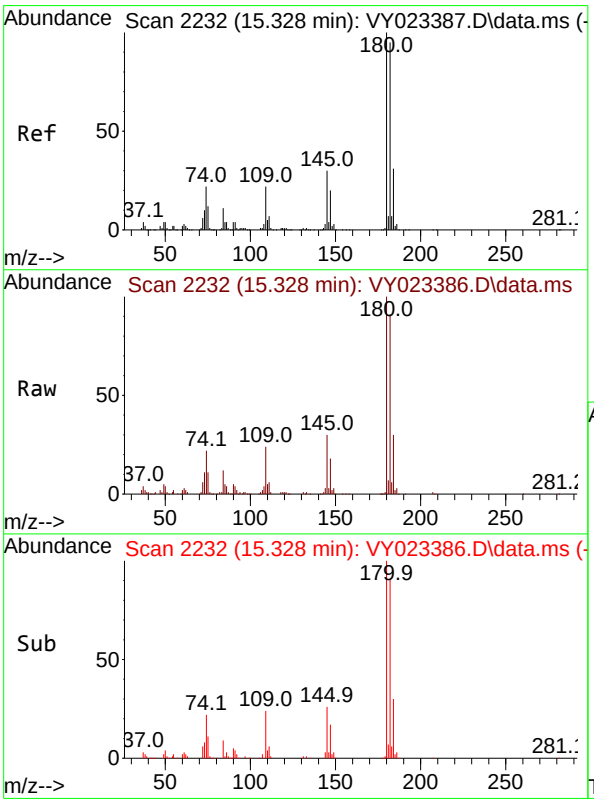
#95
Naphthalene
Concen: 19.467 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 206017

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.9	13.3

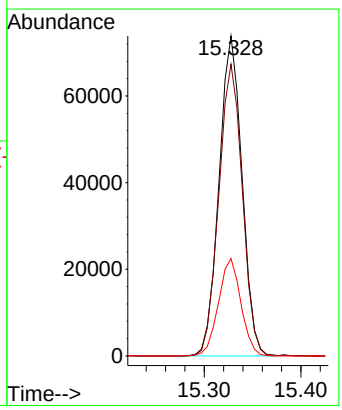




#96
1,2,3-Trichlorobenzene
Concen: 21.113 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023386.D
Acq: 07 Oct 2025 11:24

Tgt Ion:180 Resp: 121656

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.8
145	29.8	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	590340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	858767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	749869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	392169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231295	45.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.480%			
35) Dibromofluoromethane	7.634	113	256331	49.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.360%			
50) Toluene-d8	10.103	98	969649	49.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.402	95	313426	50.546	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	189467	40.745	ug/l	100
3) Chloromethane	2.068	50	265142	40.113	ug/l	100
4) Vinyl Chloride	2.202	62	352993	42.293	ug/l	100
5) Bromomethane	2.592	94	277005	40.458	ug/l	100
6) Chloroethane	2.733	64	244551	43.157	ug/l	100
7) Trichlorofluoromethane	3.056	101	496981	46.354	ug/l	100
8) Diethyl Ether	3.452	74	126634	45.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	258100	45.039	ug/l	100
10) Methyl Iodide	4.001	142	317731	47.979	ug/l	100
11) Tert butyl alcohol	4.860	59	73642	244.793	ug/l	100
12) 1,1-Dichloroethene	3.787	96	252190	45.738	ug/l	100
13) Acrolein	3.647	56	123642	242.575	ug/l	100
14) Allyl chloride	4.379	41	310569	44.989	ug/l	100
15) Acrylonitrile	5.055	53	240668	219.075	ug/l	100
16) Acetone	3.866	43	247122	214.955	ug/l	100
17) Carbon Disulfide	4.104	76	722982	42.028	ug/l	100
18) Methyl Acetate	4.385	43	144816	49.563	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	601934	46.626	ug/l	100
20) Methylene Chloride	4.616	84	270612	43.409	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	277516	45.256	ug/l	100
22) Diisopropyl ether	6.019	45	686481	44.844	ug/l	100
23) Vinyl Acetate	5.958	43	1843784	219.119	ug/l	100
24) 1,1-Dichloroethane	5.915	63	448267	44.423	ug/l	100
25) 2-Butanone	6.890	43	310237	218.327	ug/l	100
26) 2,2-Dichloropropane	6.884	77	416391	46.440	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	320028	46.010	ug/l	100
28) Bromochloromethane	7.244	49	157414	40.211	ug/l	100
29) Tetrahydrofuran	7.262	42	187787	222.653	ug/l	100
30) Chloroform	7.421	83	493098	45.316	ug/l	100
31) Cyclohexane	7.701	56	379644	42.602	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	452713	46.347	ug/l	100
36) 1,1-Dichloropropene	7.835	75	341353	46.424	ug/l	100
37) Ethyl Acetate	6.982	43	129053	44.394	ug/l	100
38) Carbon Tetrachloride	7.817	117	413187	48.374	ug/l	100
39) Methylcyclohexane	9.109	83	452959	48.113	ug/l	100
40) Benzene	8.079	78	1080883	47.154	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	68542	45.399	ug/l		100
42) 1,2-Dichloroethane	8.152	62	270387	46.350	ug/l		100
43) Isopropyl Acetate	8.195	43	259041	45.811	ug/l		100
44) Trichloroethene	8.866	130	315104	48.982	ug/l		100
45) 1,2-Dichloropropane	9.140	63	234978	45.555	ug/l		100
46) Dibromomethane	9.231	93	148914	47.198	ug/l		100
47) Bromodichloromethane	9.420	83	377084	47.482	ug/l		100
48) Methyl methacrylate	9.219	41	126732	48.027	ug/l		100
49) 1,4-Dioxane	9.225	88	34053	1042.312	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	682879	235.772	ug/l		100
52) Toluene	10.170	92	710404	48.824	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	330392	48.438	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	390619	47.910	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	198478	47.296	ug/l		100
56) Ethyl methacrylate	10.438	69	239407	49.535	ug/l		100
57) 1,3-Dichloropropane	10.713	76	321276	47.301	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	553816	261.921	ug/l		100
59) 2-Hexanone	10.756	43	479606	239.162	ug/l		100
60) Dibromochloromethane	10.908	129	281047	49.103	ug/l		100
61) 1,2-Dibromoethane	11.012	107	191356	48.468	ug/l		100
64) Tetrachloroethene	10.646	164	392056	52.264	ug/l		100
65) Chlorobenzene	11.438	112	789650	48.460	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	279583	48.788	ug/l		100
67) Ethyl Benzene	11.518	91	1332350	50.099	ug/l		100
68) m/p-Xylenes	11.627	106	1077583	101.092	ug/l		100
69) o-Xylene	11.950	106	502722	50.946	ug/l		100
70) Styrene	11.969	104	831908	51.059	ug/l		100
71) Bromoform	12.127	173	172315	50.229	ug/l	#	100
73) Isopropylbenzene	12.249	105	1301009	49.803	ug/l		100
74) N-amyl acetate	12.066	43	227684	46.640	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	195565	44.878	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	273310	70.652	ug/l	#	100
77) Bromobenzene	12.530	156	331331	49.419	ug/l		100
78) n-propylbenzene	12.591	91	1522965	49.572	ug/l		100
79) 2-Chlorotoluene	12.676	91	873335	49.235	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1061112	49.966	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	66299	46.212	ug/l		100
82) 4-Chlorotoluene	12.773	91	892764	48.192	ug/l		100
83) tert-Butylbenzene	12.993	119	988936	51.104	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1061159	50.505	ug/l		100
85) sec-Butylbenzene	13.170	105	1405003	50.133	ug/l		100
86) p-Isopropyltoluene	13.286	119	1210644	51.115	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	649899	49.072	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	636694	48.476	ug/l		100
89) n-Butylbenzene	13.615	91	1051949	50.299	ug/l		100
90) Hexachloroethane	13.877	117	245108	47.664	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	567114	49.075	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32585	47.184	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	359833	52.852	ug/l		100
94) Hexachlorobutadiene	15.017	225	226316	53.346	ug/l		100
95) Naphthalene	15.139	128	575044	53.012	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	310831	52.628	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

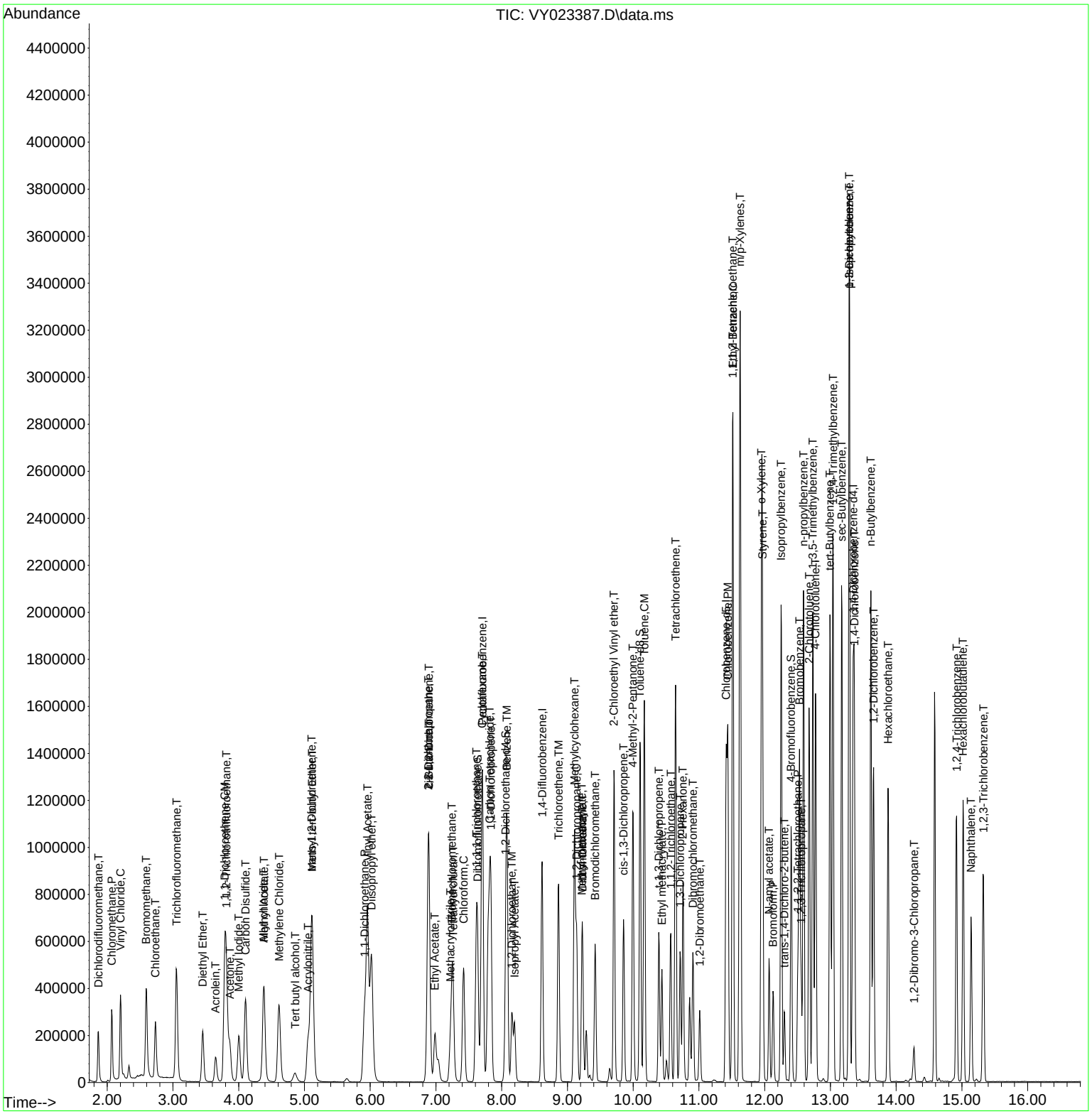
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

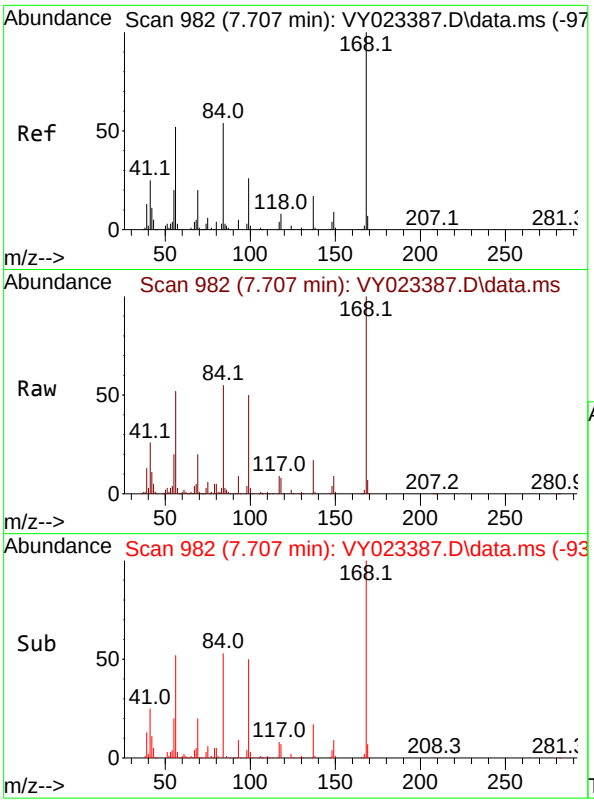
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



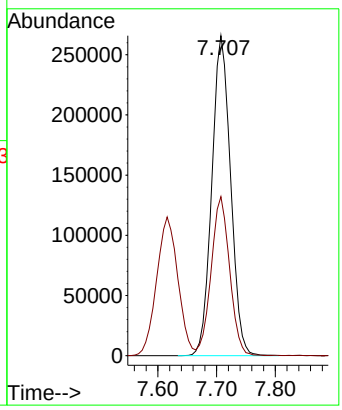


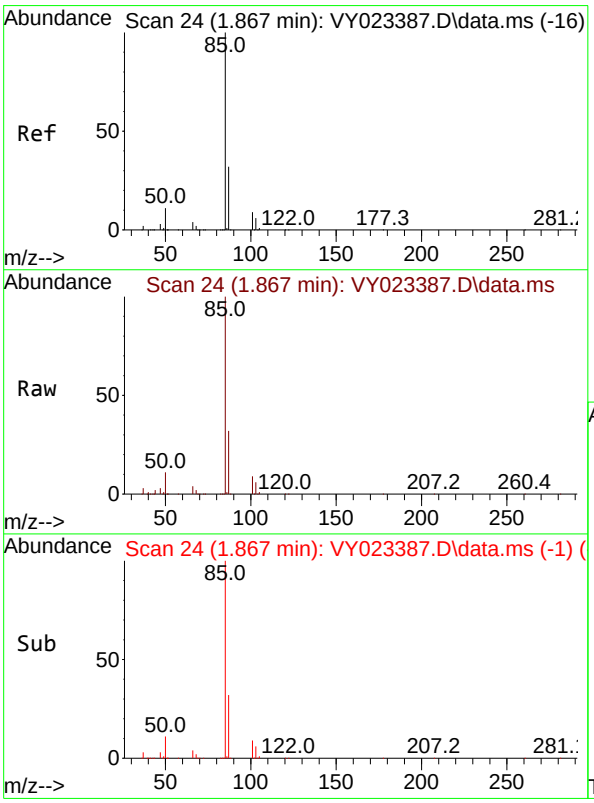
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 590340

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.7	59.5

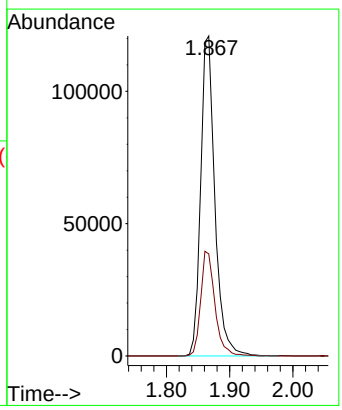


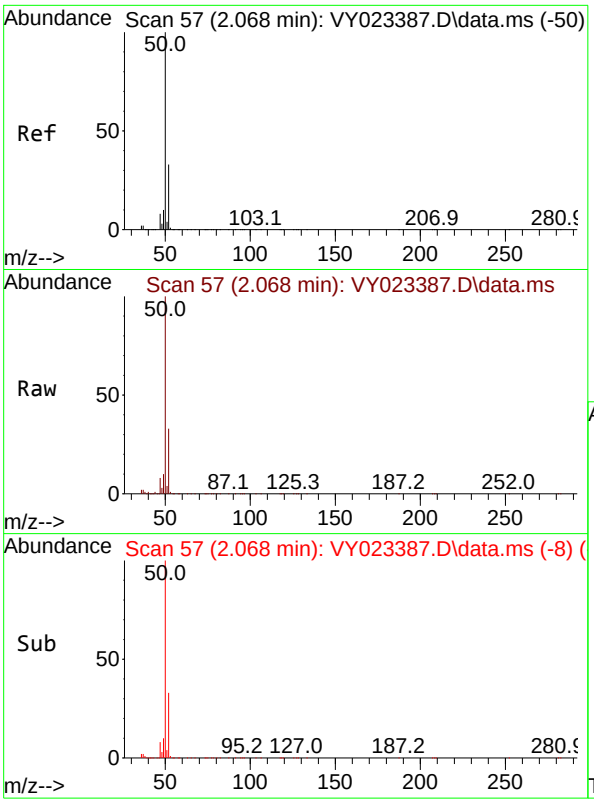


#2
Dichlorodifluoromethane
Concen: 40.745 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 85 Resp: 189467

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.0	47.9



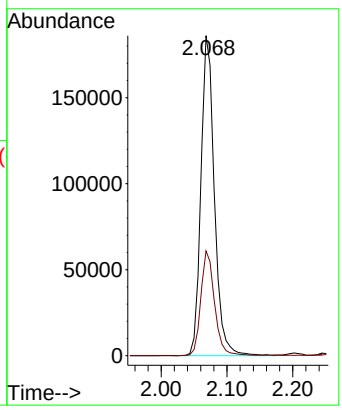


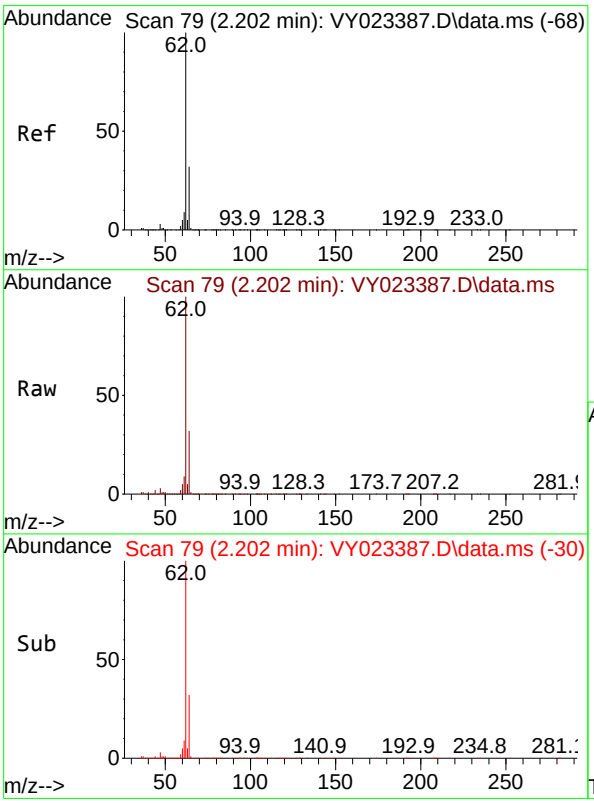
#3
Chloromethane
Concen: 40.113 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 265142

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2

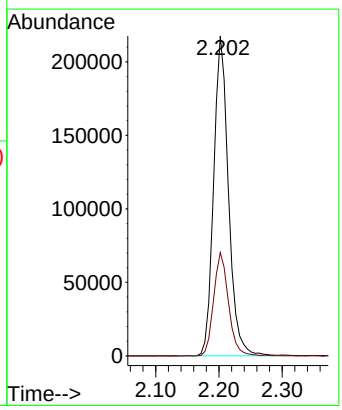


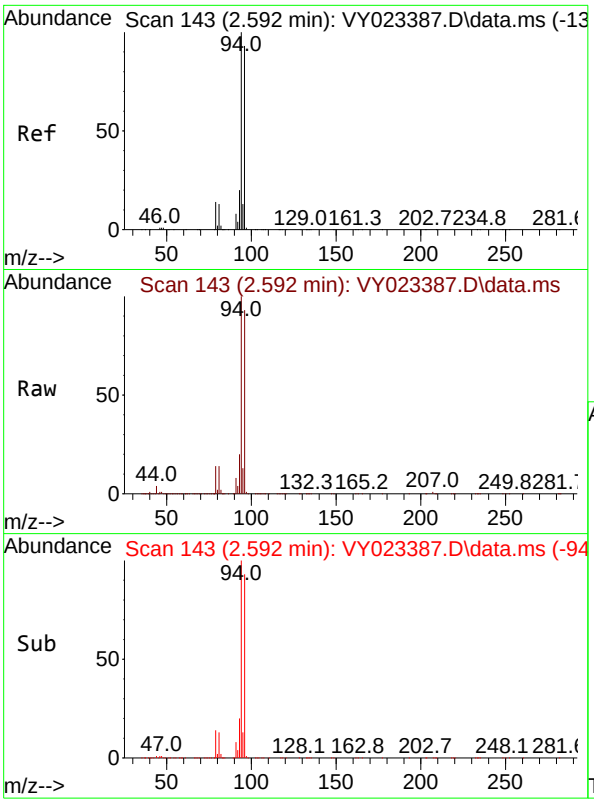


#4
Vinyl Chloride
Concen: 42.293 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 62 Resp: 352993

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.8	38.8



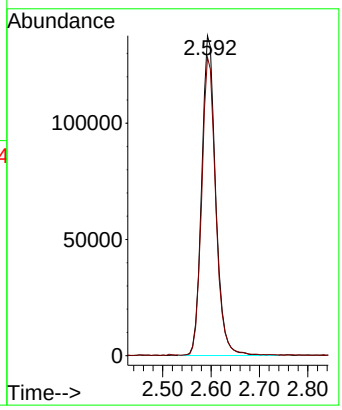


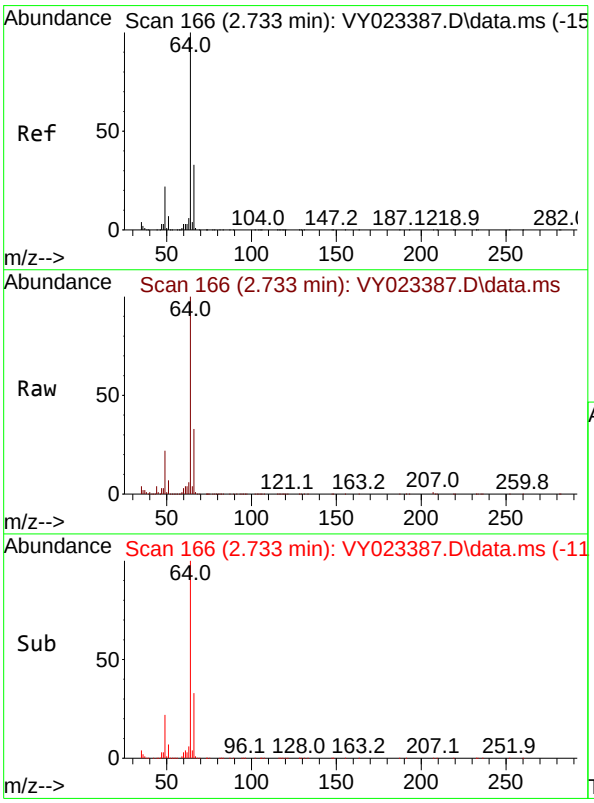
#5
Bromomethane
Concen: 40.458 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 277005

Ion	Ratio	Lower	Upper
94	100		
96	93.1	74.5	111.7

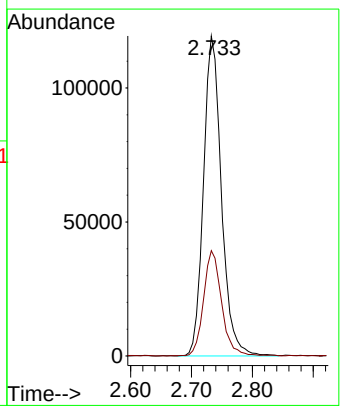


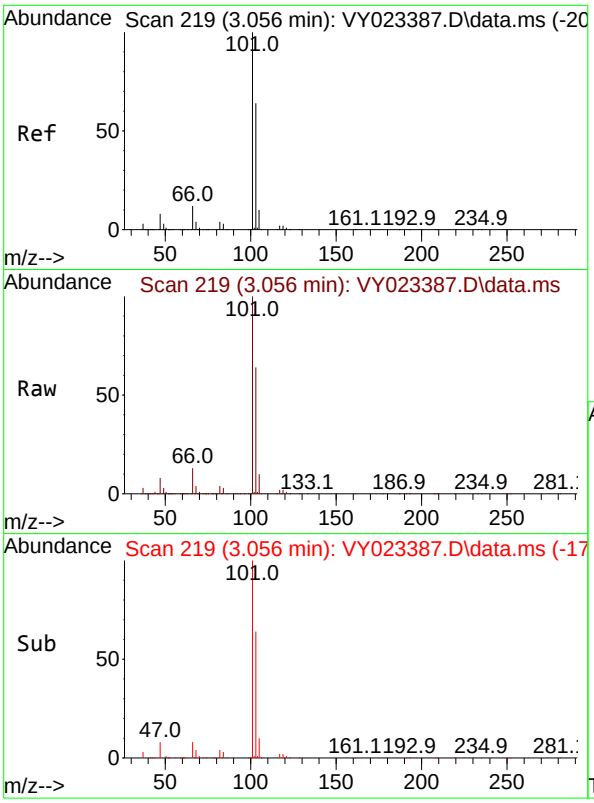


#6
Chloroethane
Concen: 43.157 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 64 Resp: 244551

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.2	39.4



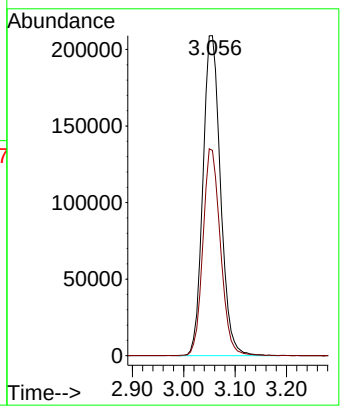


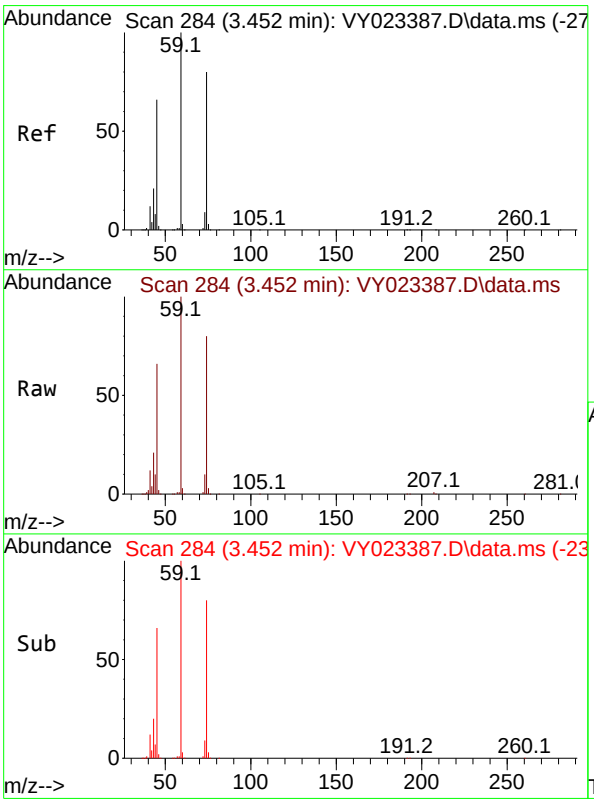
#7
Trichlorofluoromethane
Concen: 46.354 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 496981

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9

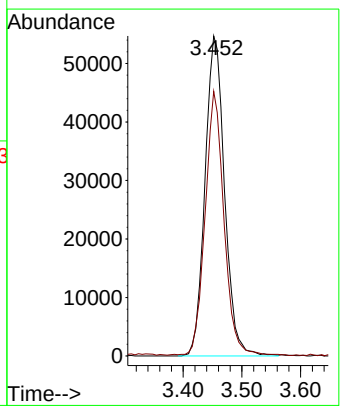


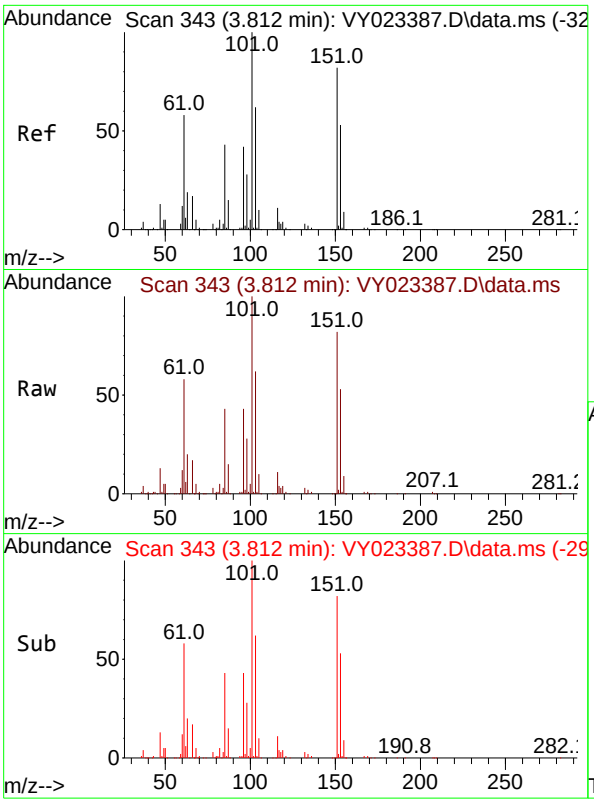


#8
Diethyl Ether
Concen: 45.158 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 74 Resp: 126634

Ion	Ratio	Lower	Upper
74	100		
45	79.8	39.9	119.7



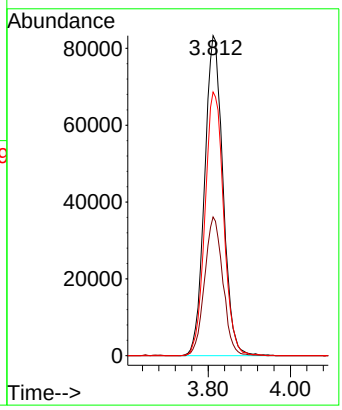


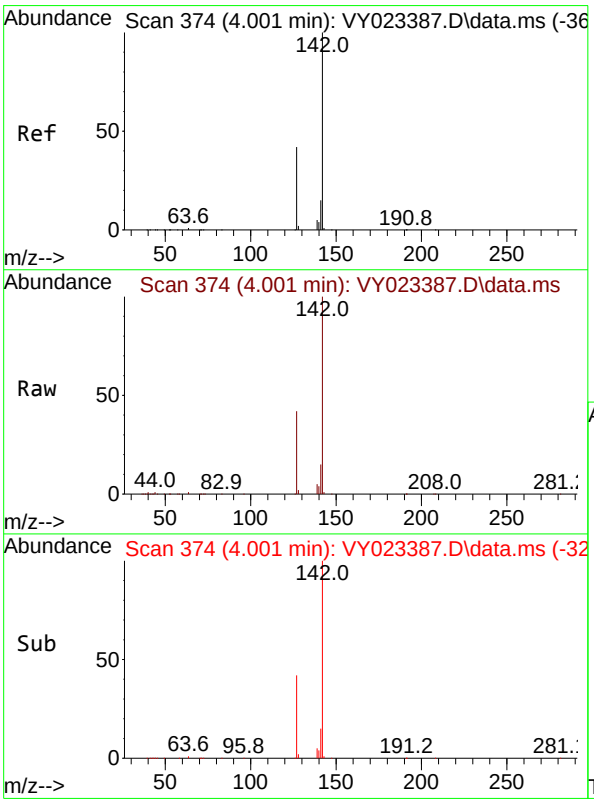
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.039 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 258100

Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	83.8	67.0	100.6

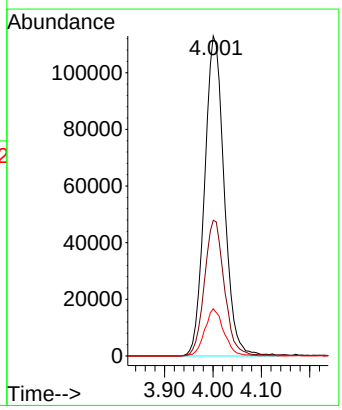


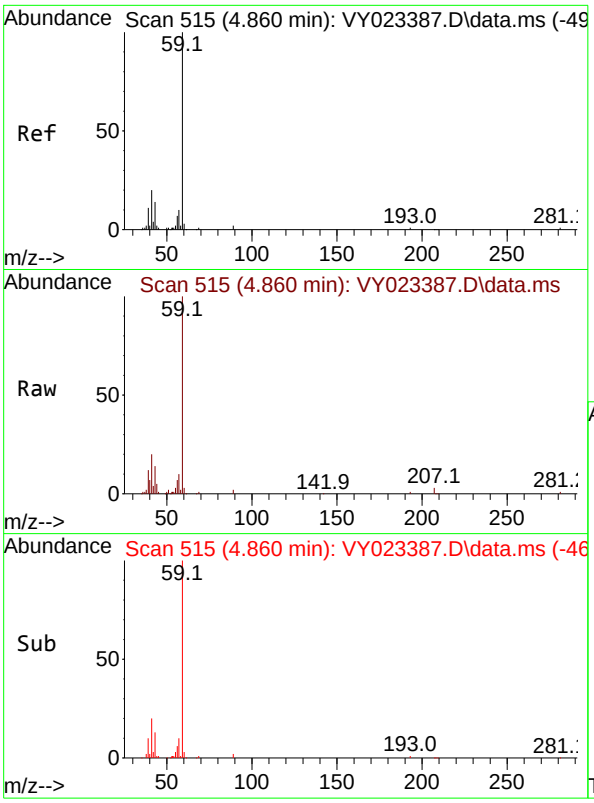


#10
Methyl Iodide
Concen: 47.979 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:142 Resp: 317731

Ion	Ratio	Lower	Upper
142	100		
127	43.5	34.8	52.2
141	14.5	11.6	17.4



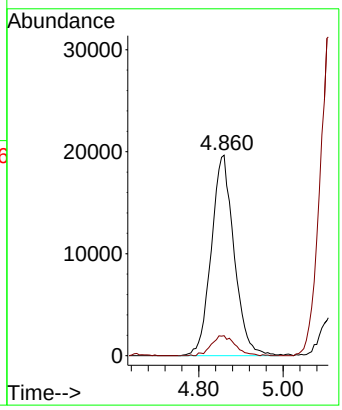


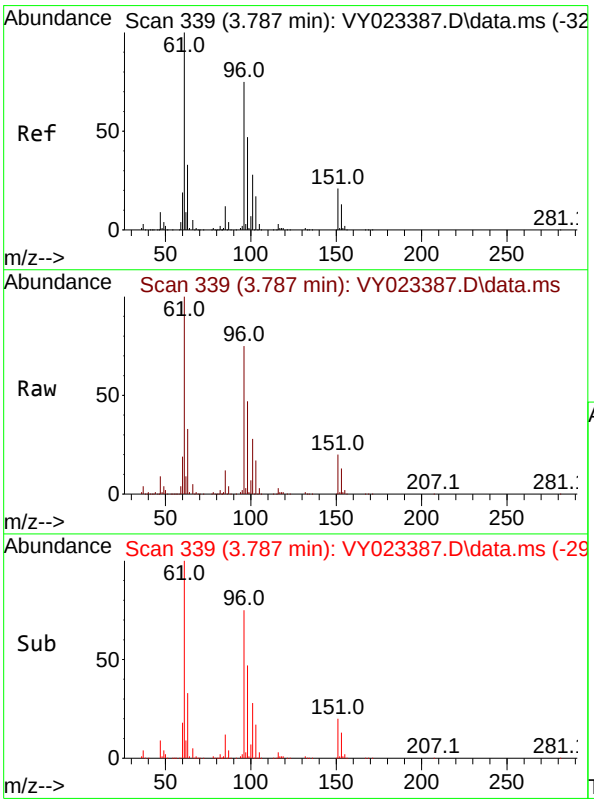
#11
Tert butyl alcohol
Concen: 244.793 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 73642

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

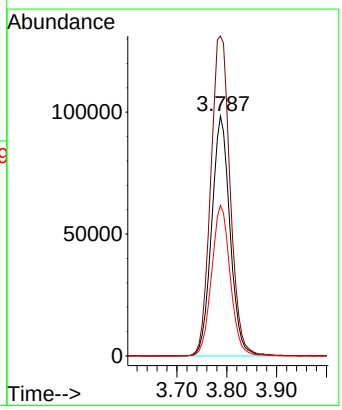


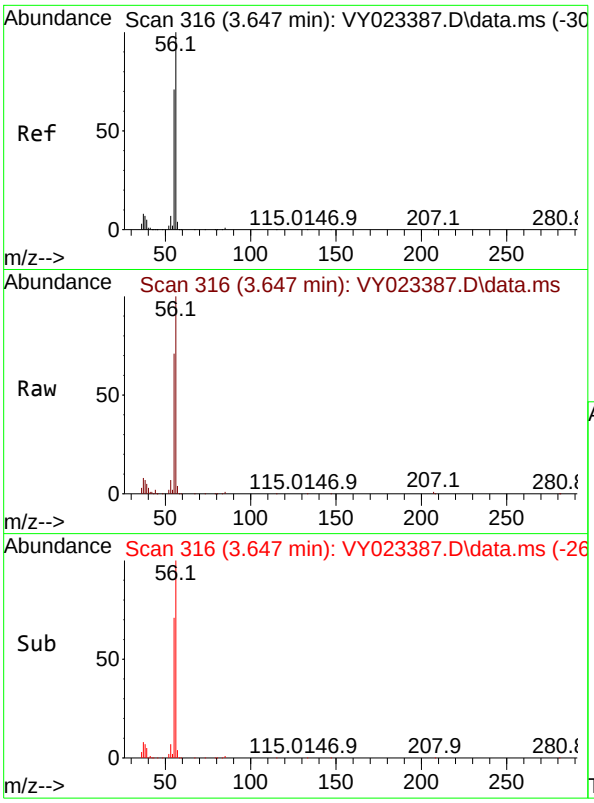


#12
1,1-Dichloroethene
Concen: 45.738 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 96 Resp: 252190

Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.7	160.1
98	62.8	50.2	75.4



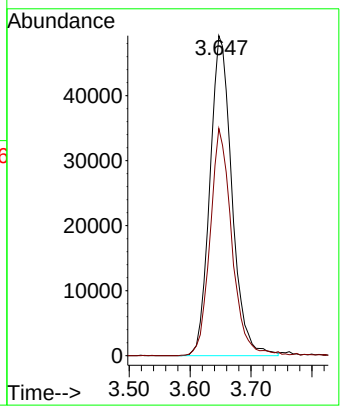


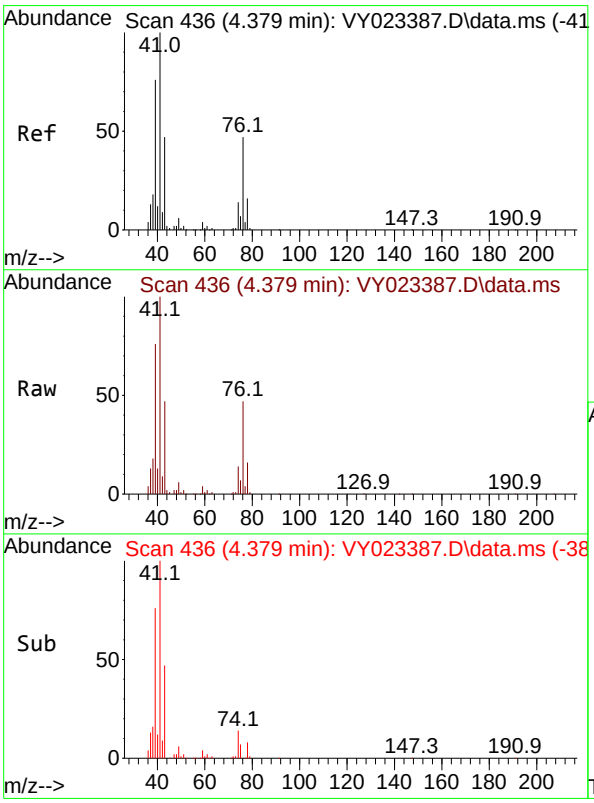
#13
Acrolein
Concen: 242.575 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 123642

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1

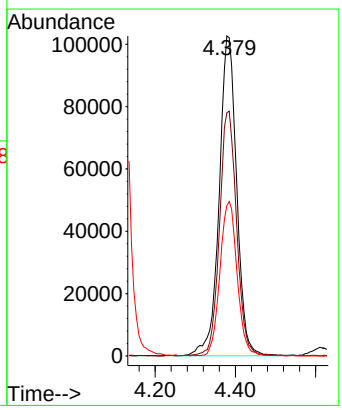


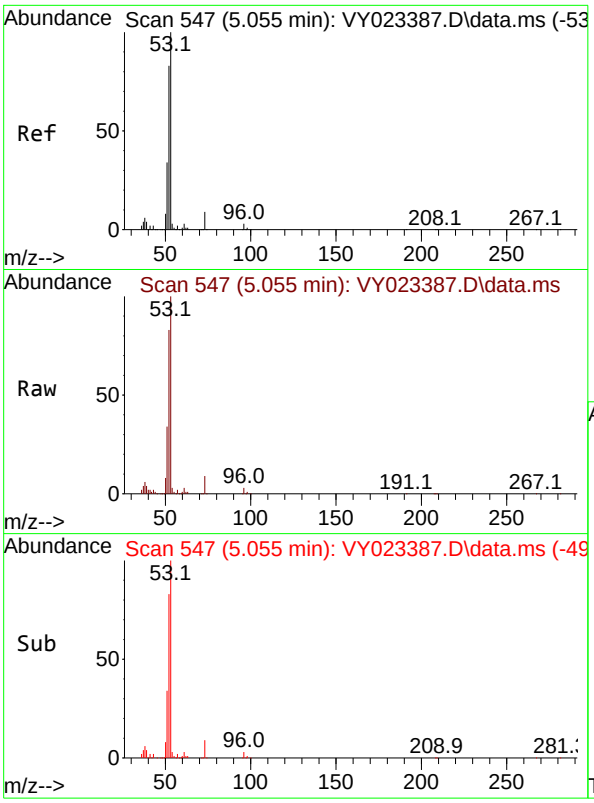


#14
Allyl chloride
Concen: 44.989 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 41 Resp: 310569

Ion	Ratio	Lower	Upper
41	100		
39	74.9	59.9	89.9
76	47.5	38.0	57.0



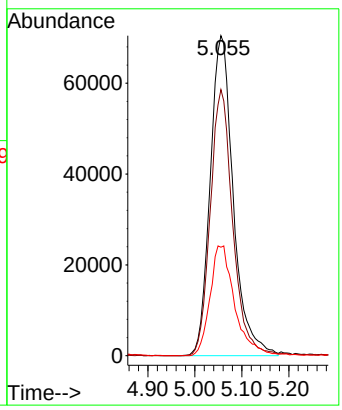


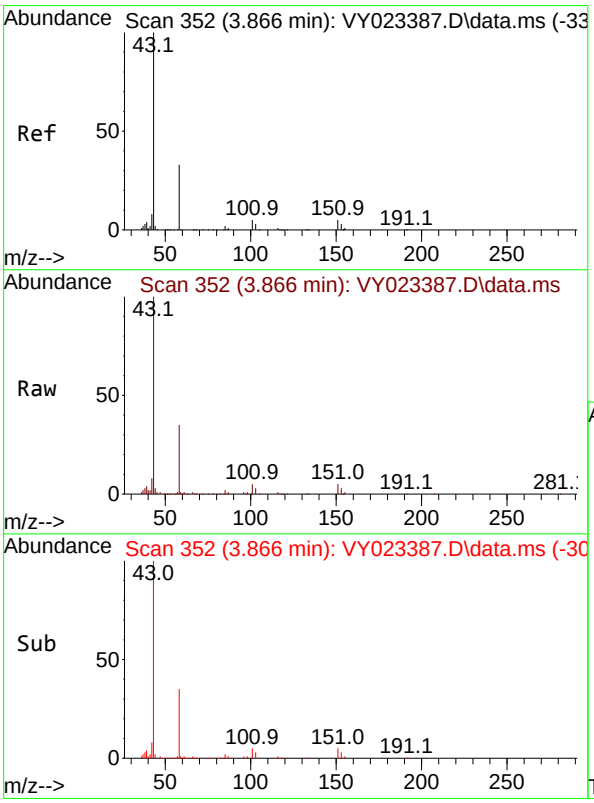
#15
Acrylonitrile
Concen: 219.075 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 240668

Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.6	97.0
51	36.9	29.5	44.3

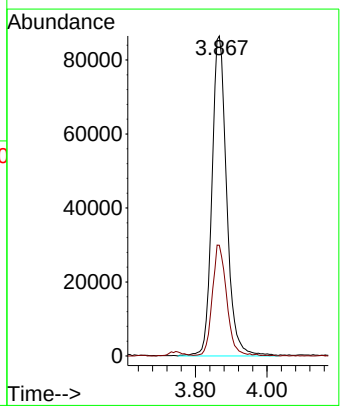


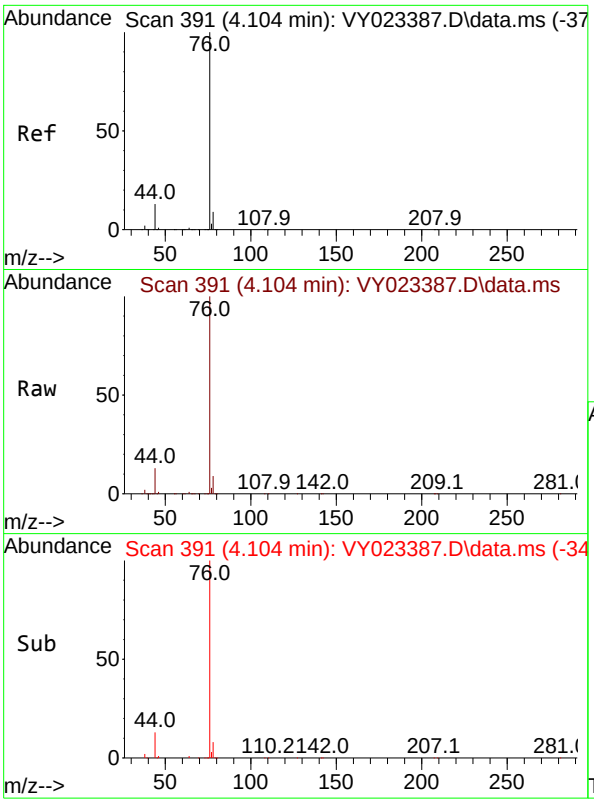


#16
Acetone
Concen: 214.955 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 247122

Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.7	41.5



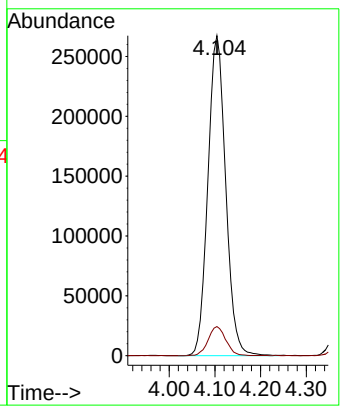


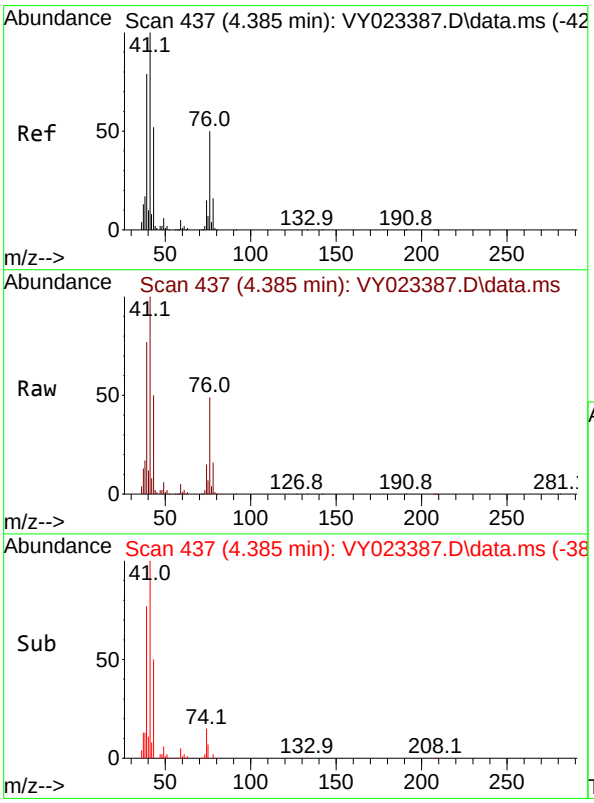
#17
Carbon Disulfide
Concen: 42.028 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 722982

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

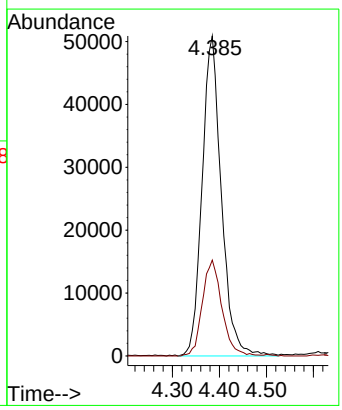


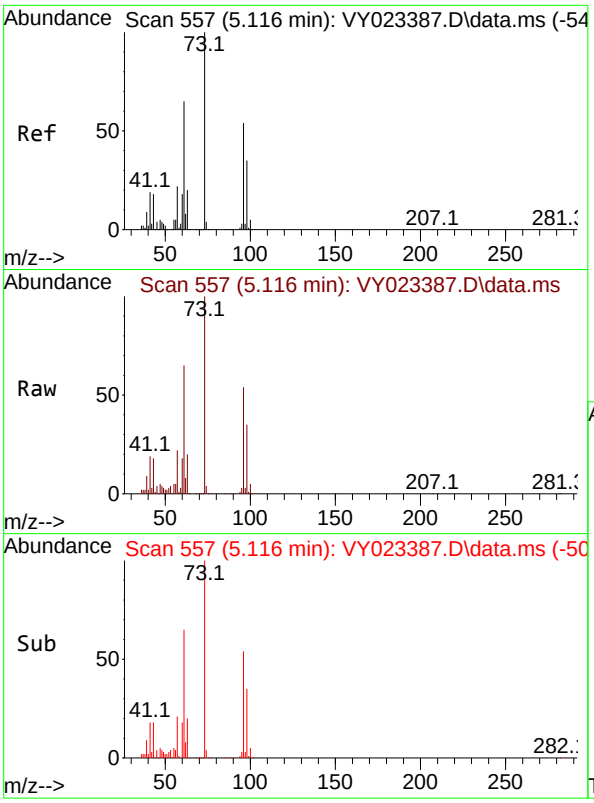


#18
Methyl Acetate
Concen: 49.563 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 144816

Ion	Ratio	Lower	Upper
43	100		
74	30.3	24.2	36.4



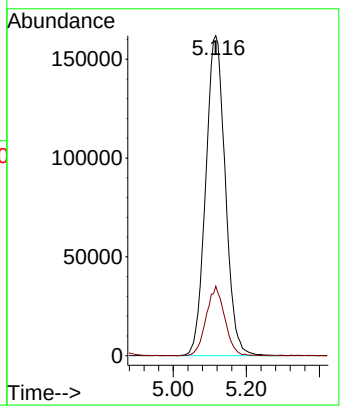


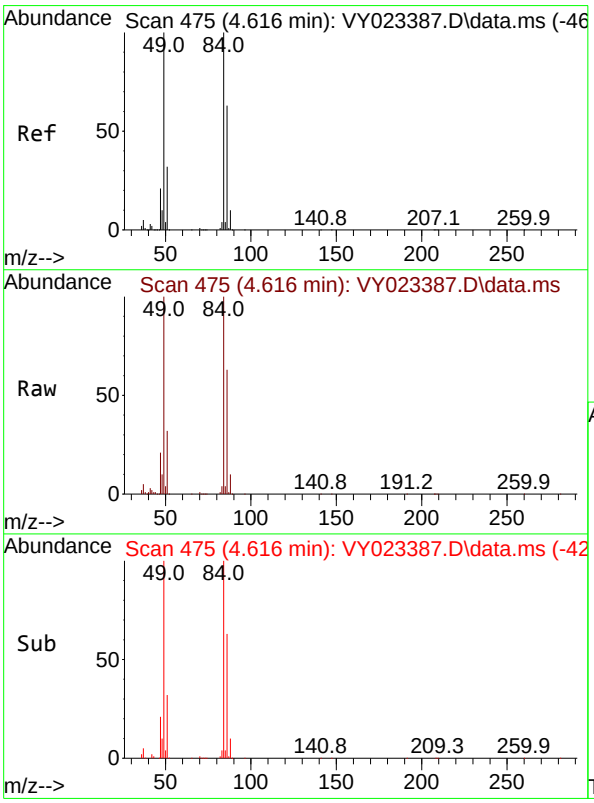
#19
Methyl tert-butyl Ether
Concen: 46.626 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 601934

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

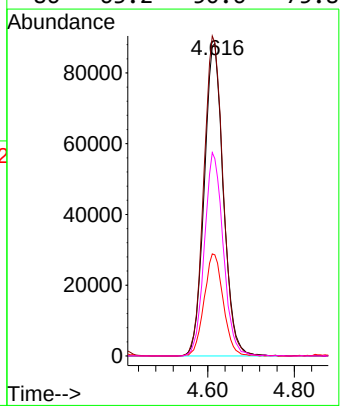


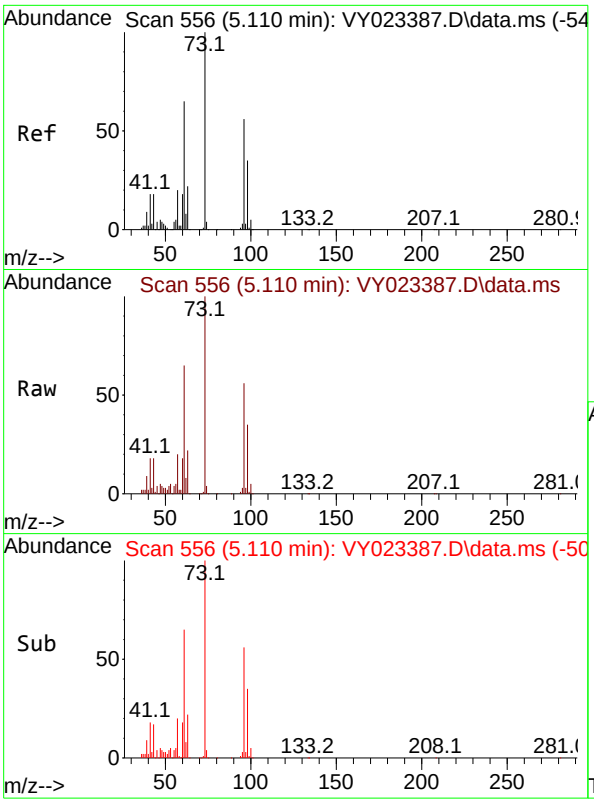


#20
Methylene Chloride
Concen: 43.409 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 84 Resp: 270612

Ion	Ratio	Lower	Upper
84	100		
49	100.3	80.2	120.4
51	32.4	25.9	38.9
86	63.2	50.6	75.8



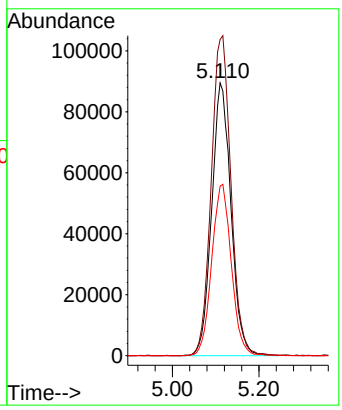


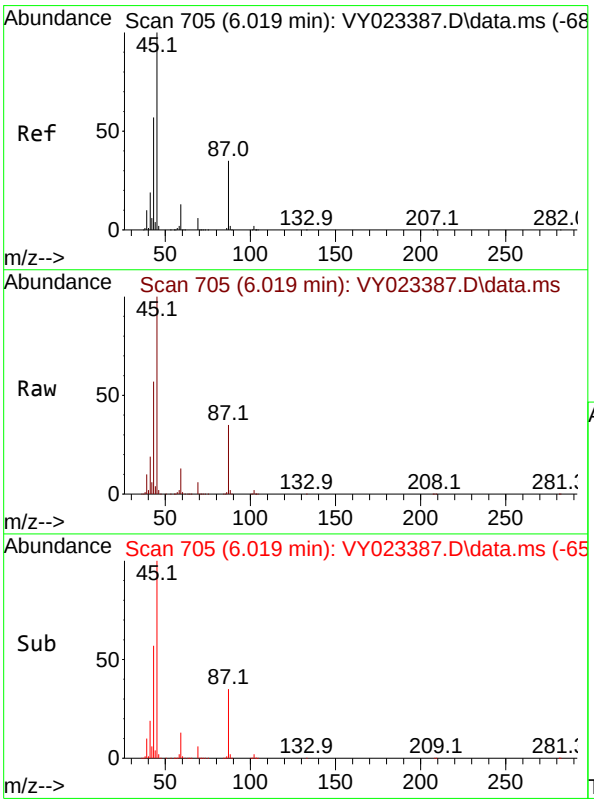
#21
trans-1,2-Dichloroethene
Concen: 45.256 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 277516

Ion	Ratio	Lower	Upper
96	100		
61	115.9	92.7	139.1
98	62.1	49.7	74.5

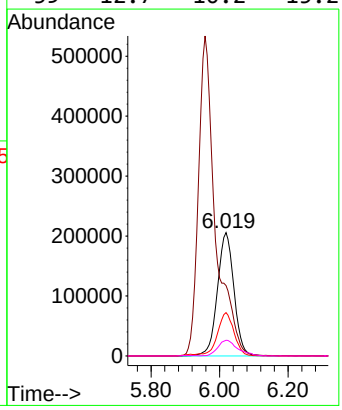


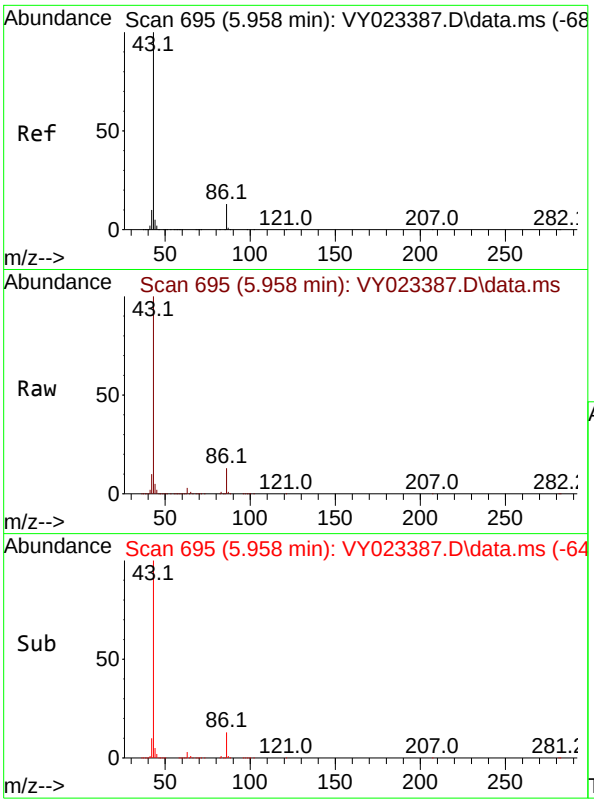


#22
Diisopropyl ether
Concen: 44.844 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 45 Resp: 686481

Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.6	68.4
87	35.1	28.1	42.1
59	12.7	10.2	15.2



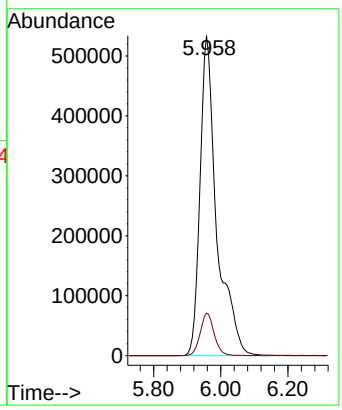


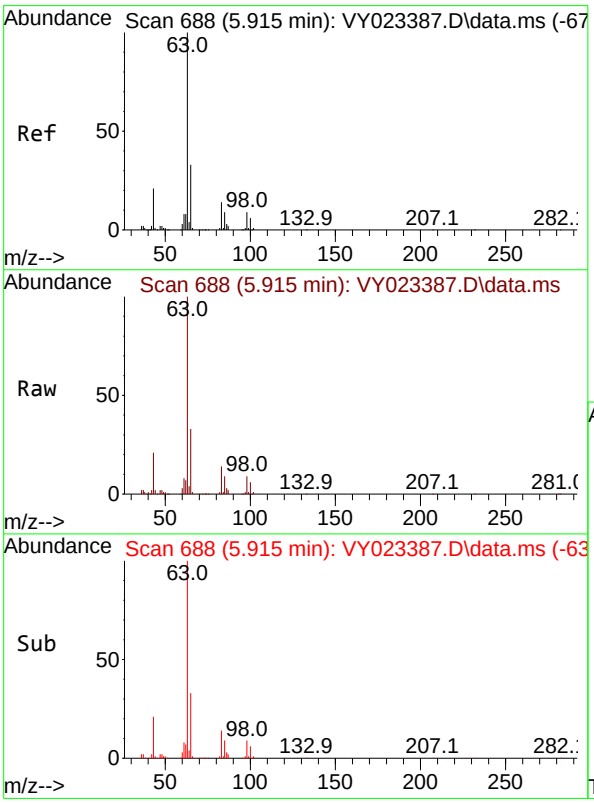
#23
Vinyl Acetate
Concen: 219.119 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1843784

Ion	Ratio	Lower	Upper
43	100		
86	13.2	10.6	15.8

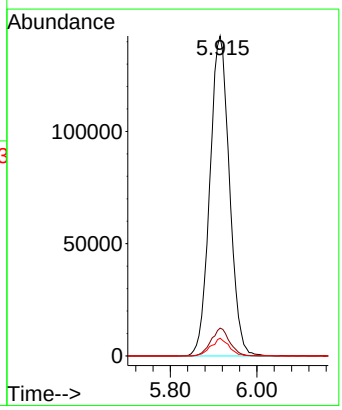


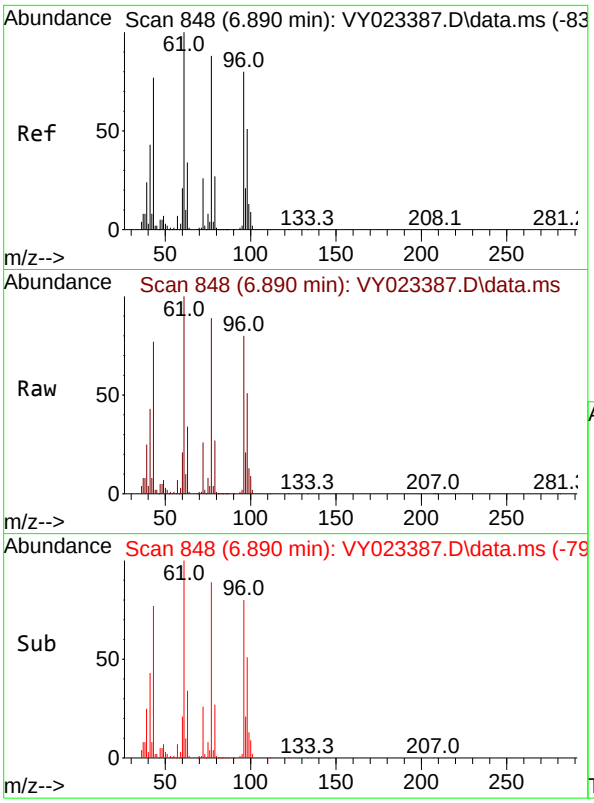


#24
1,1-Dichloroethane
Concen: 44.423 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 63 Resp: 448267

Ion	Ratio	Lower	Upper
63	100		
98	8.7	4.3	13.1
100	5.6	2.8	8.4



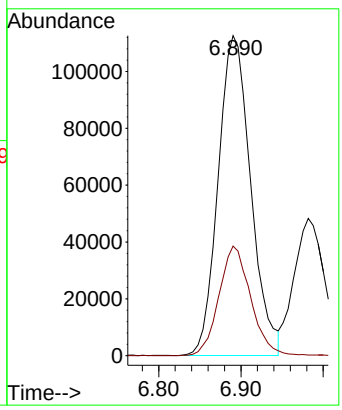


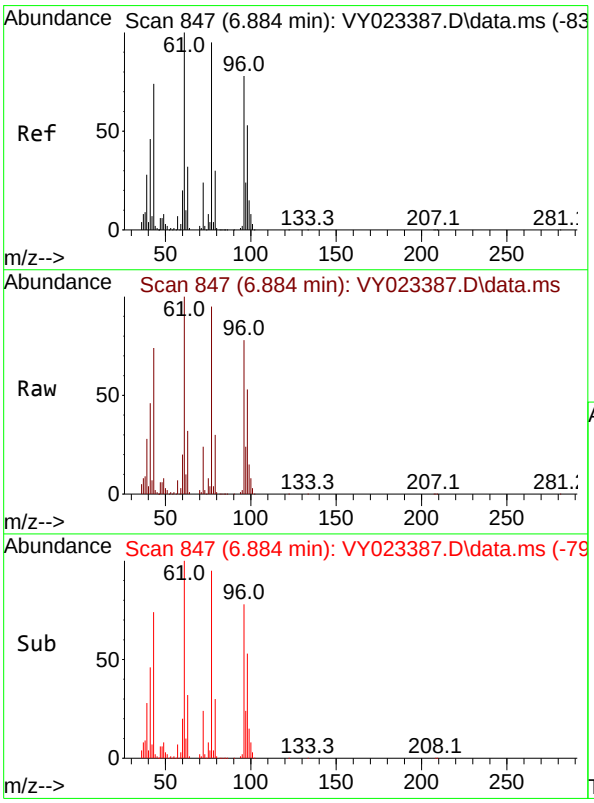
#25
2-Butanone
Concen: 218.327 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 310237

Ion	Ratio	Lower	Upper
43	100		
72	34.3	27.4	41.2

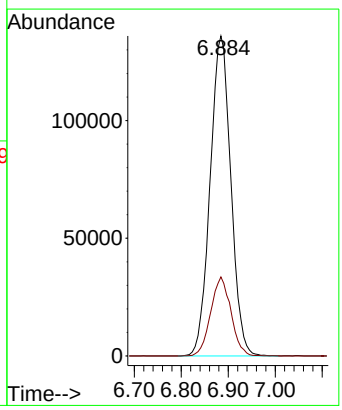


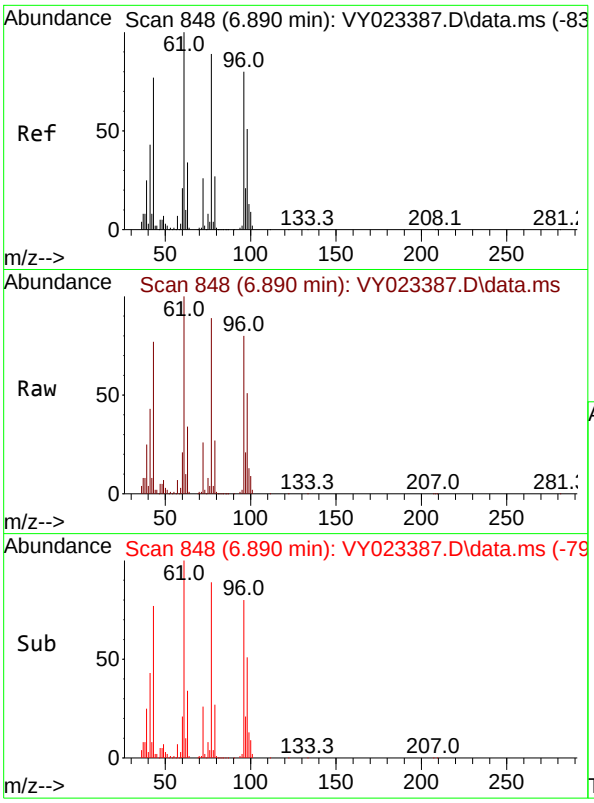


#26
2,2-Dichloropropane
Concen: 46.440 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 77 Resp: 416391

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.1	36.3



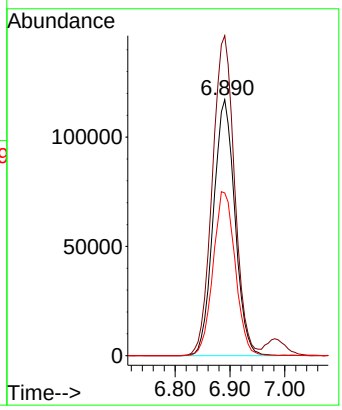


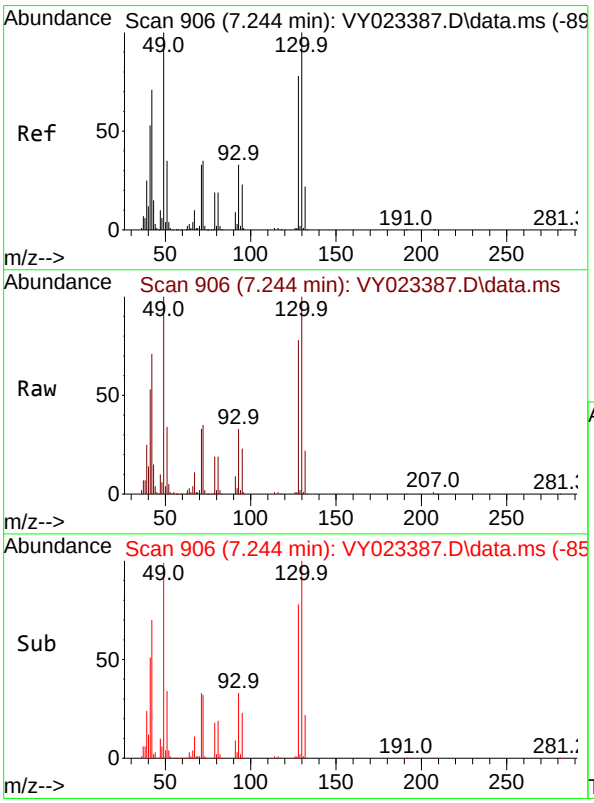
#27
cis-1,2-Dichloroethene
Concen: 46.010 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 320028

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	258.2
98	66.0	0.0	132.0

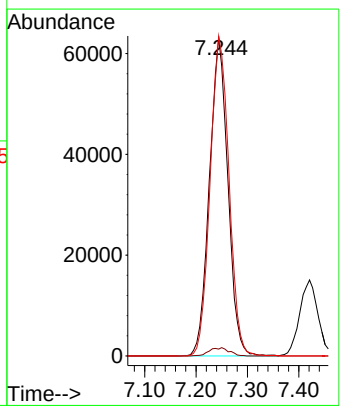


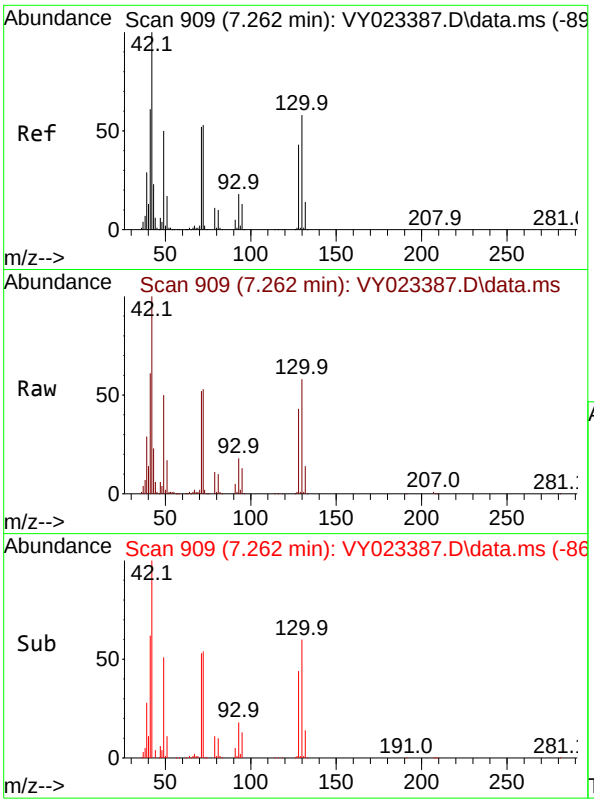


#28
Bromochloromethane
Concen: 40.211 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 49 Resp: 157414

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.4	81.9	122.9



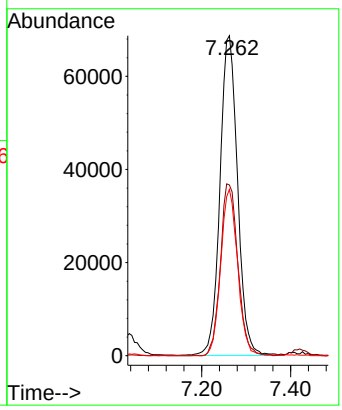


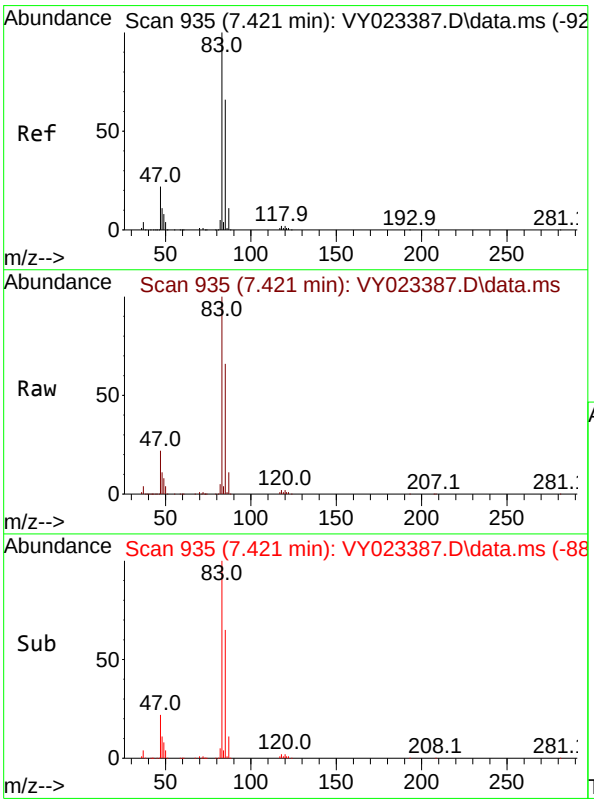
#29
Tetrahydrofuran
Concen: 222.653 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 187787

Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.0	64.6
71	50.1	40.1	60.1

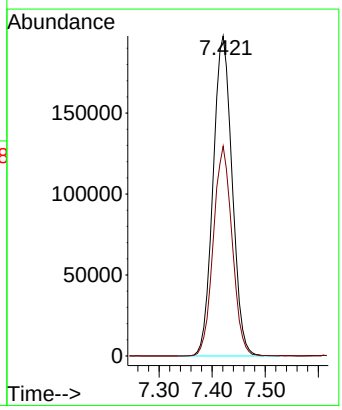


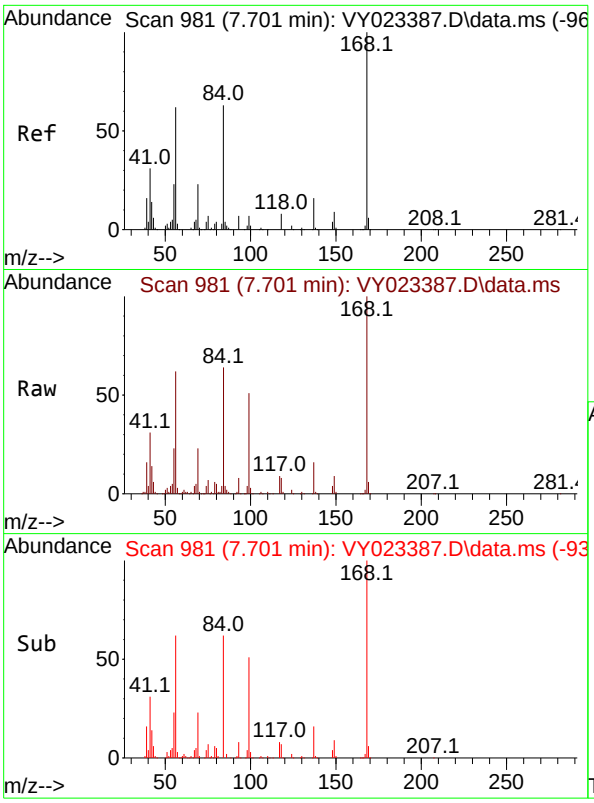


#30
Chloroform
Concen: 45.316 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 83 Resp: 493098

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7



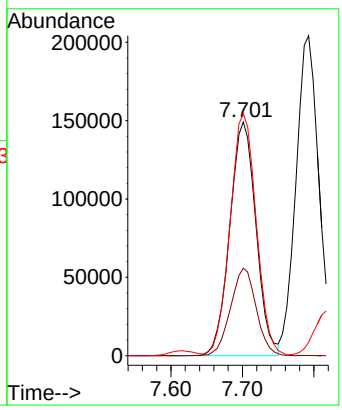


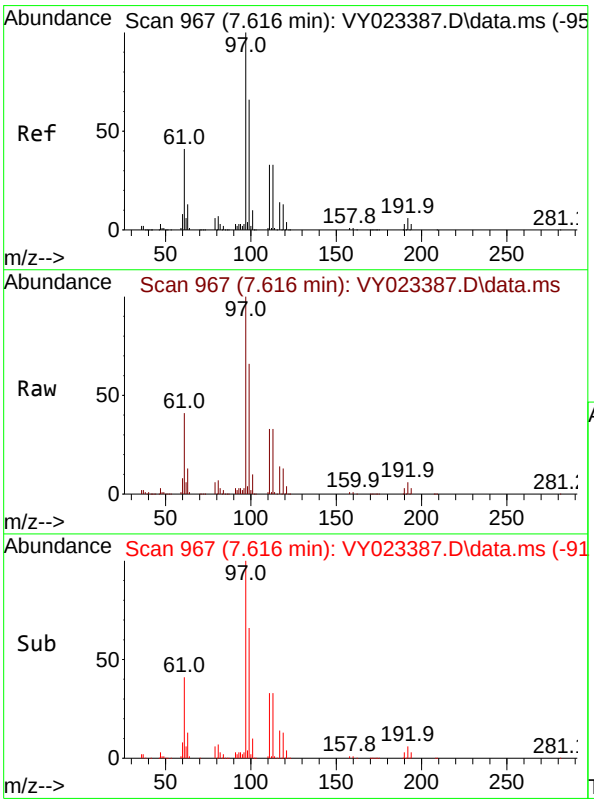
#31
Cyclohexane
Concen: 42.602 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 379644

Ion	Ratio	Lower	Upper
56	100		
69	37.5	30.0	45.0
84	101.5	81.2	121.8

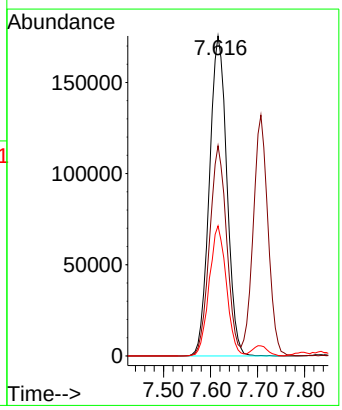


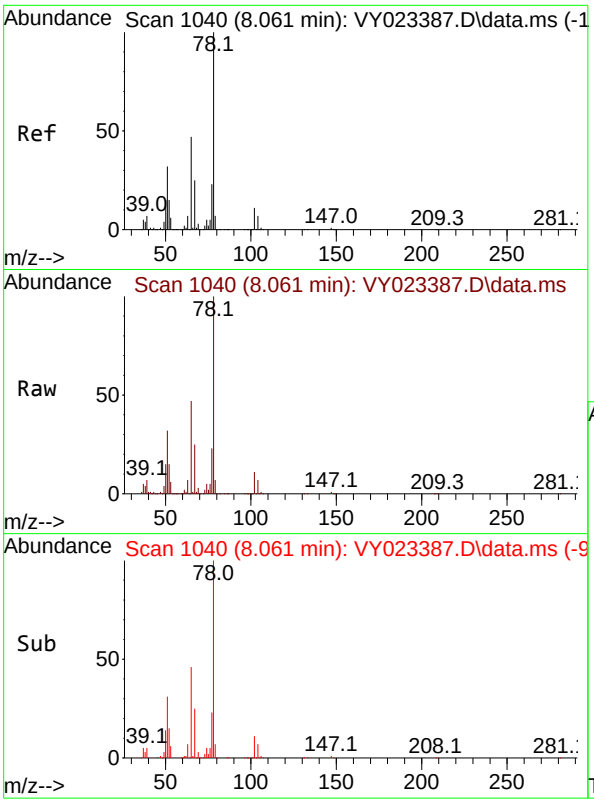


#32
1,1,1-Trichloroethane
Concen: 46.347 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 97 Resp: 452713

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.9	31.9	47.9



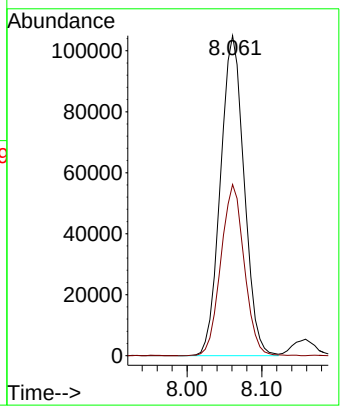


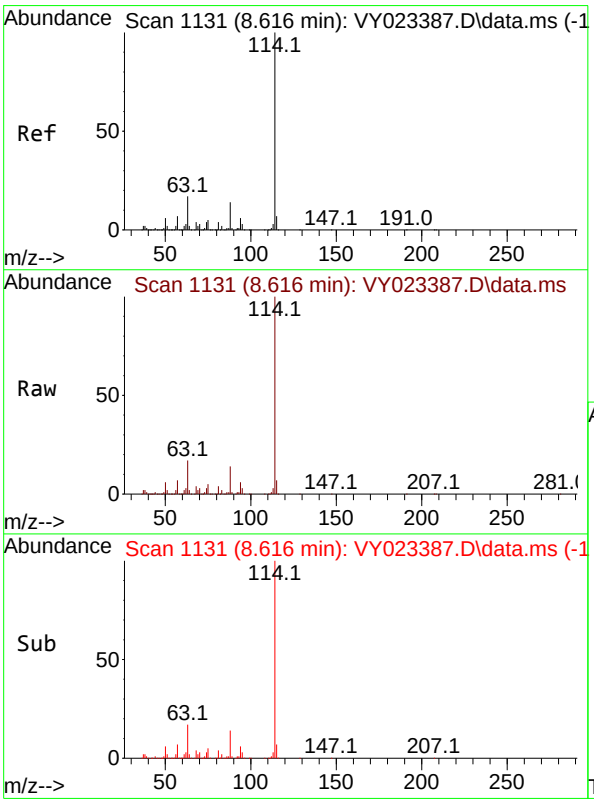
#33
1,2-Dichloroethane-d4
Concen: 45.240 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 231295

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8

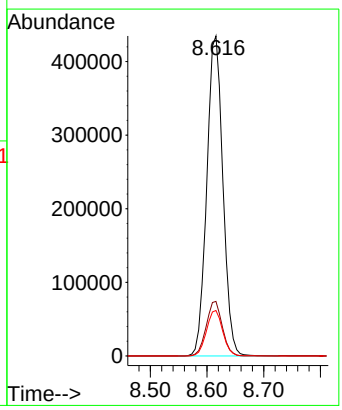


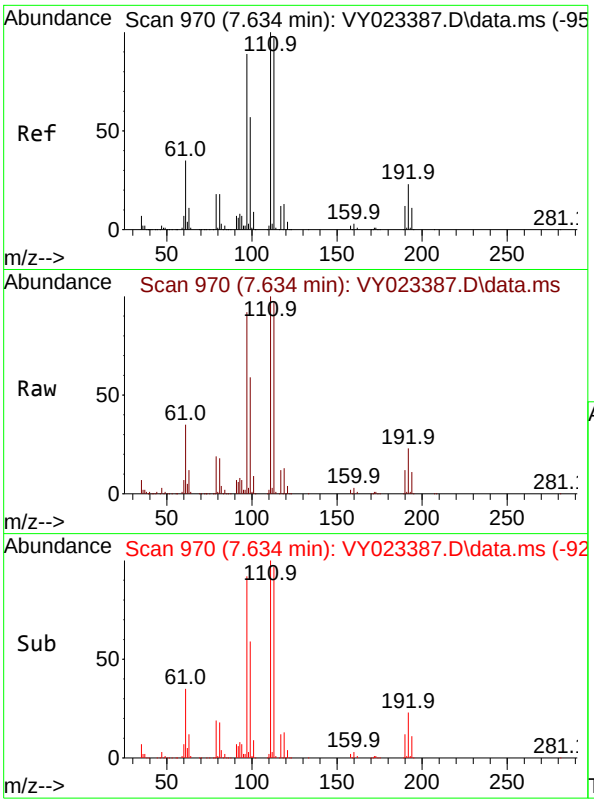


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:114 Resp: 858767

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.2
88	14.2	0.0	28.4



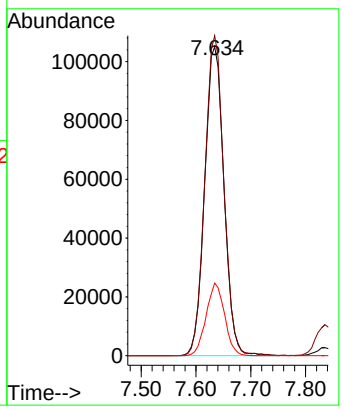


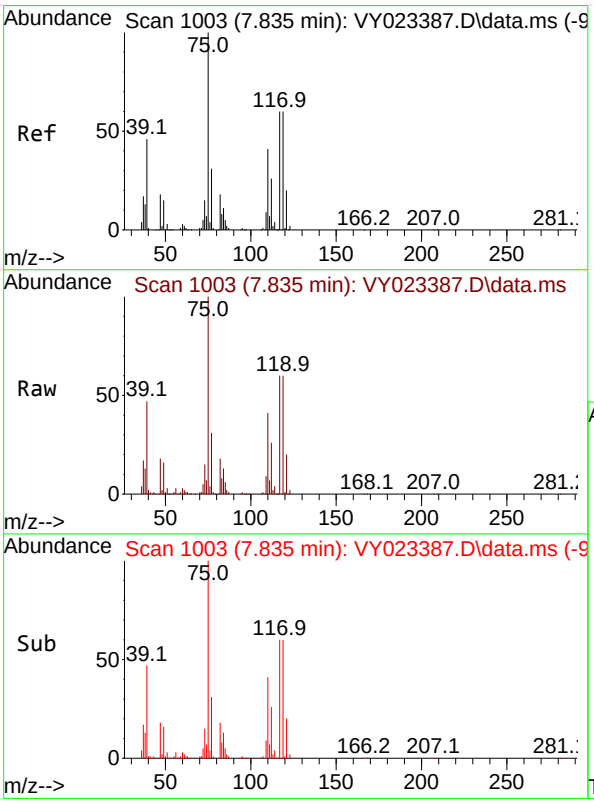
#35
Dibromofluoromethane
Concen: 49.185 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 256331

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.5	18.0	27.0

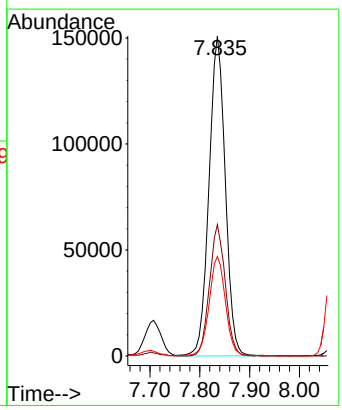


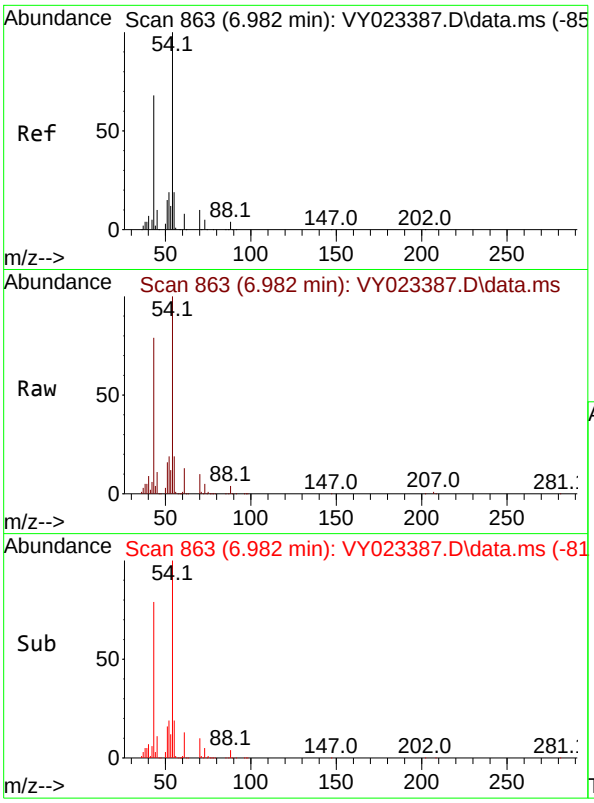


#36
1,1-Dichloropropene
Concen: 46.424 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 341353

Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.9	59.7
77	31.3	25.0	37.6



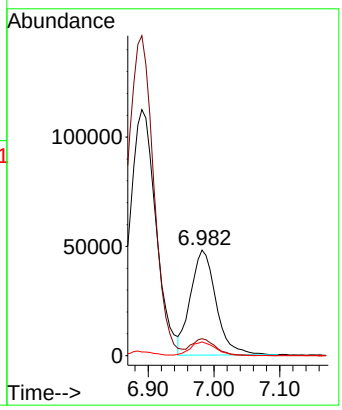


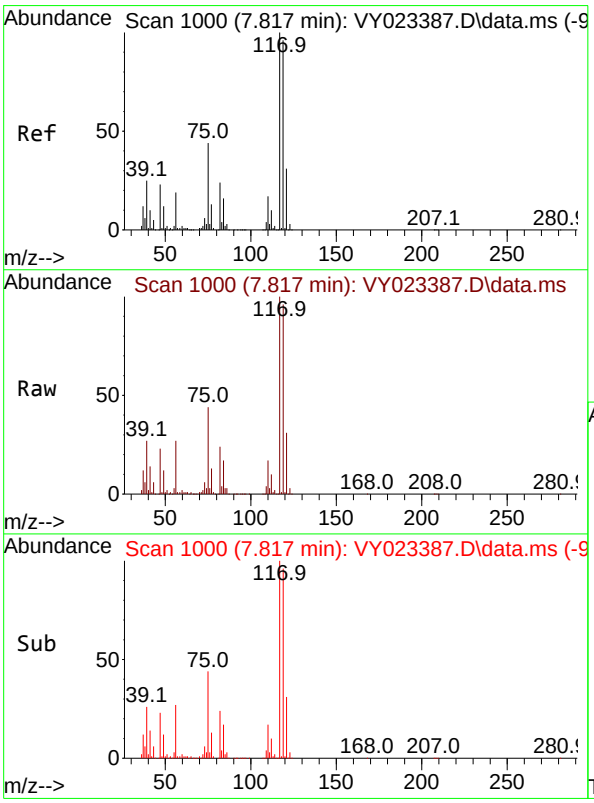
#37
Ethyl Acetate
Concen: 44.394 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 129053

Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	13.1	10.5	15.7

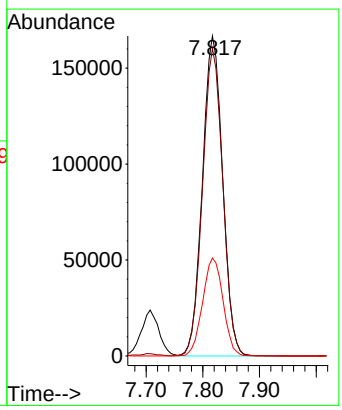


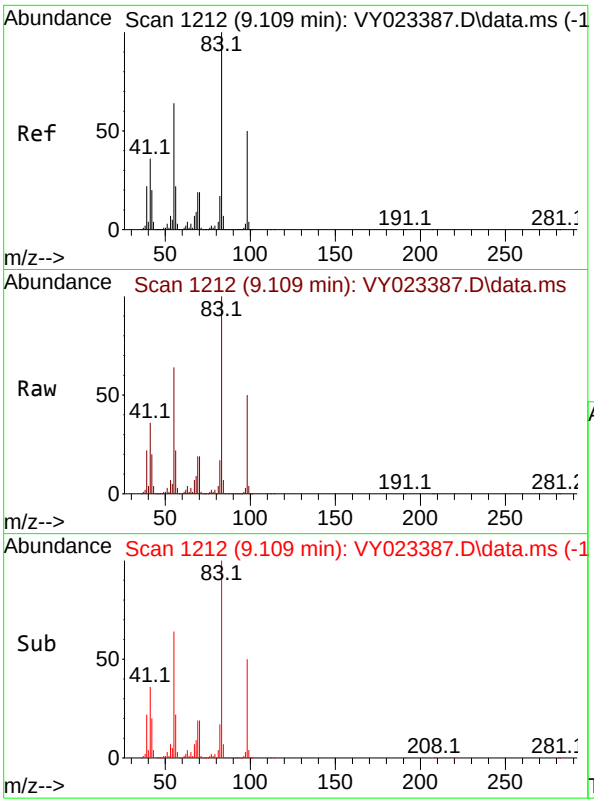


#38
Carbon Tetrachloride
Concen: 48.374 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:117 Resp: 413187

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	30.6	24.5	36.7



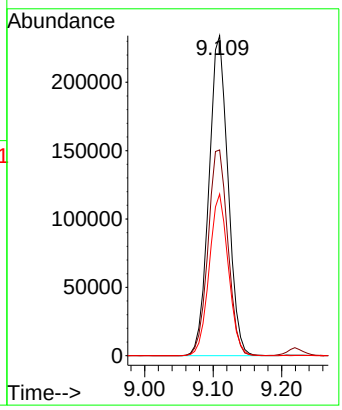


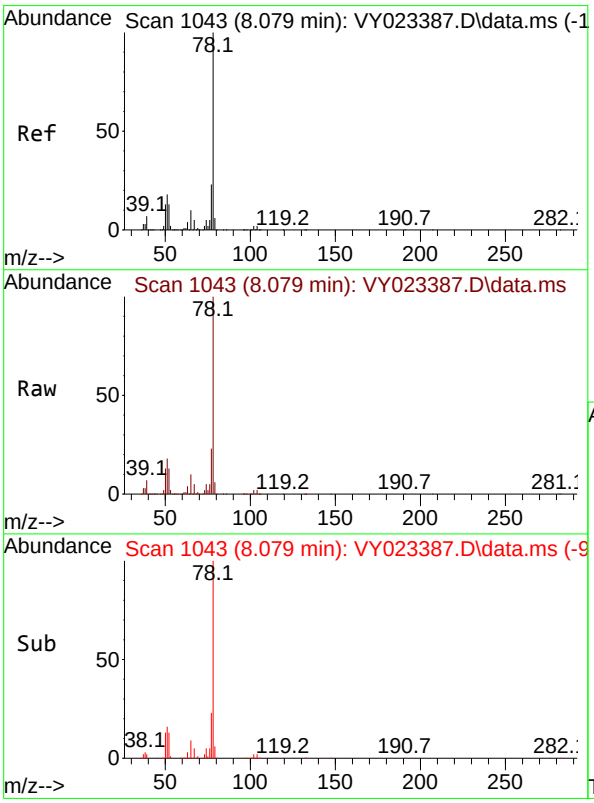
#39
Methylcyclohexane
Concen: 48.113 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 452959

Ion	Ratio	Lower	Upper
83	100		
55	64.3	51.4	77.2
98	50.5	40.4	60.6

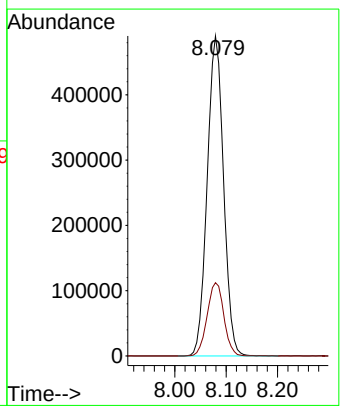


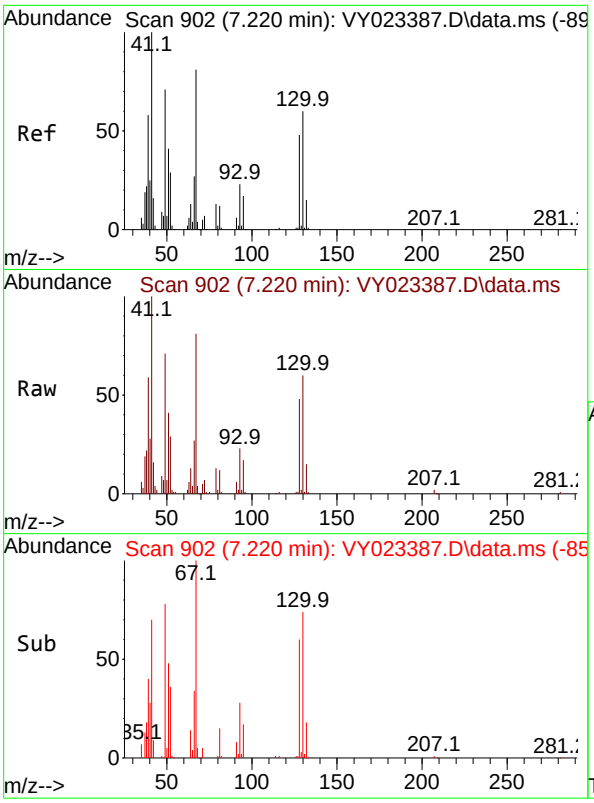


#40
Benzene
Concen: 47.154 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 78 Resp: 1080883

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5



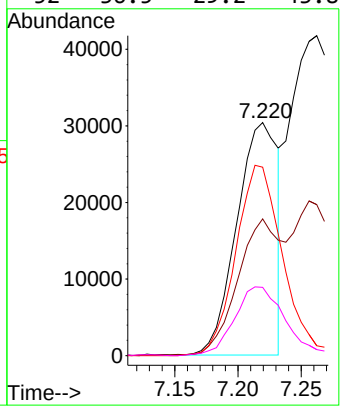


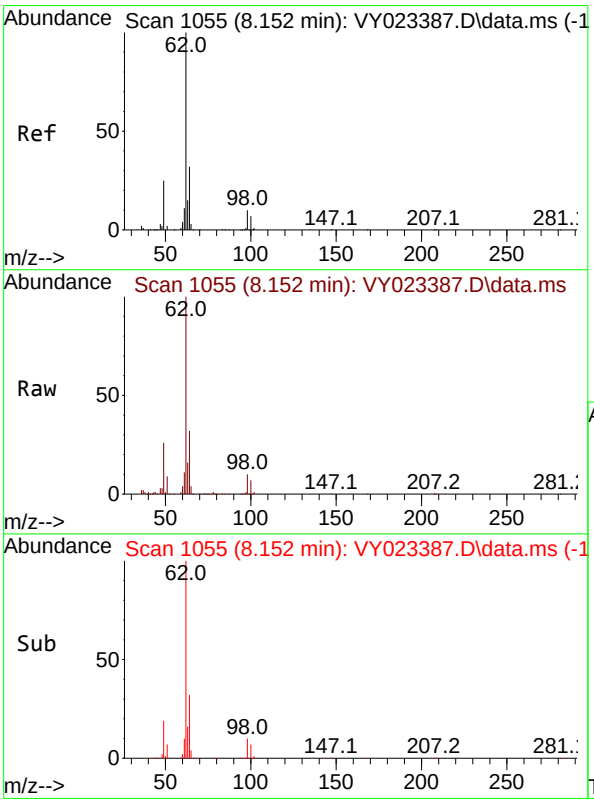
#41
Methacrylonitrile
Concen: 45.399 ug/l
RT: 7.220 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 68542

Ion	Ratio	Lower	Upper
41	100		
39	65.3	52.2	78.4
67	93.6	74.9	112.3
52	36.5	29.2	43.8

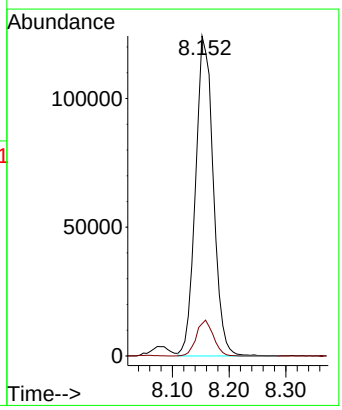


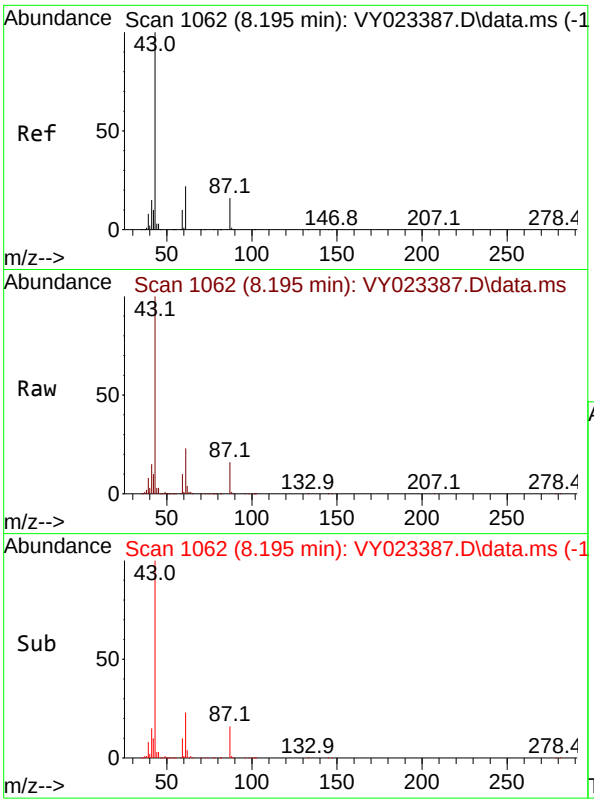


#42
1,2-Dichloroethane
Concen: 46.350 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 62 Resp: 270387

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6



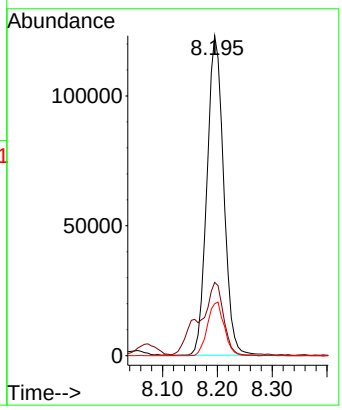


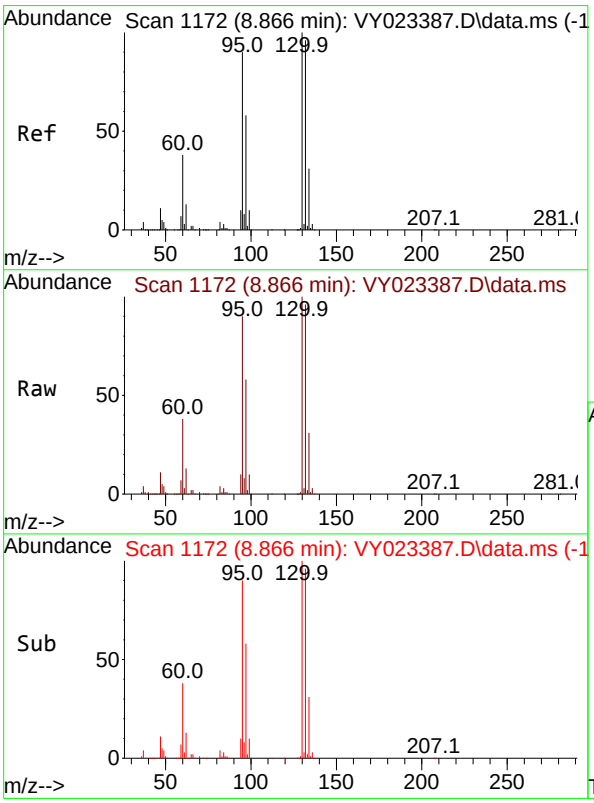
#43
Isopropyl Acetate
Concen: 45.811 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 259041

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	16.9	13.5	20.3

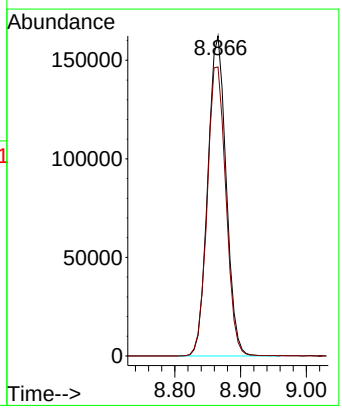


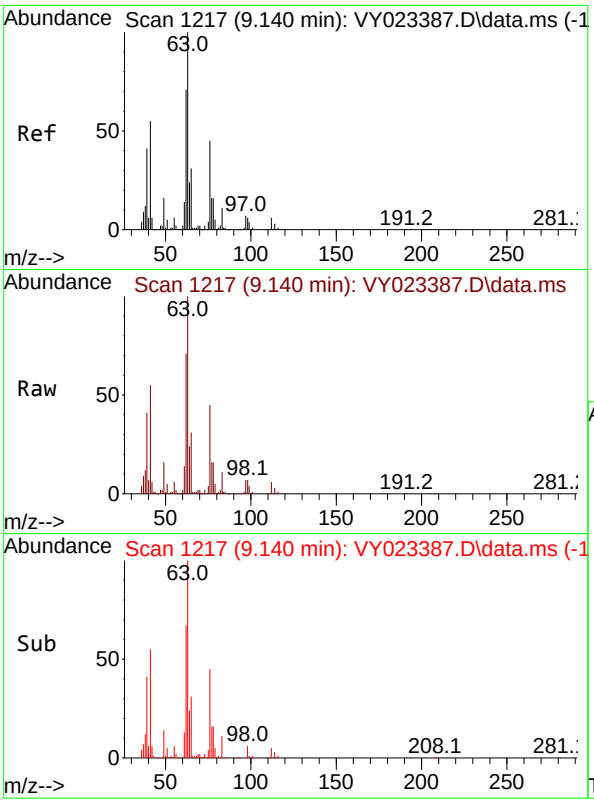


#44
Trichloroethene
Concen: 48.982 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:130 Resp: 315104

Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.6



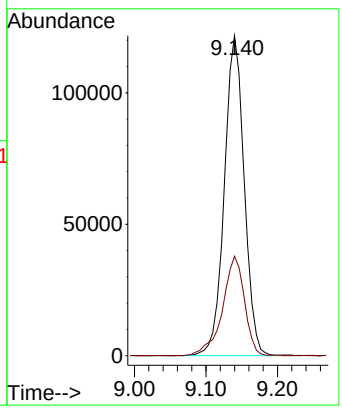


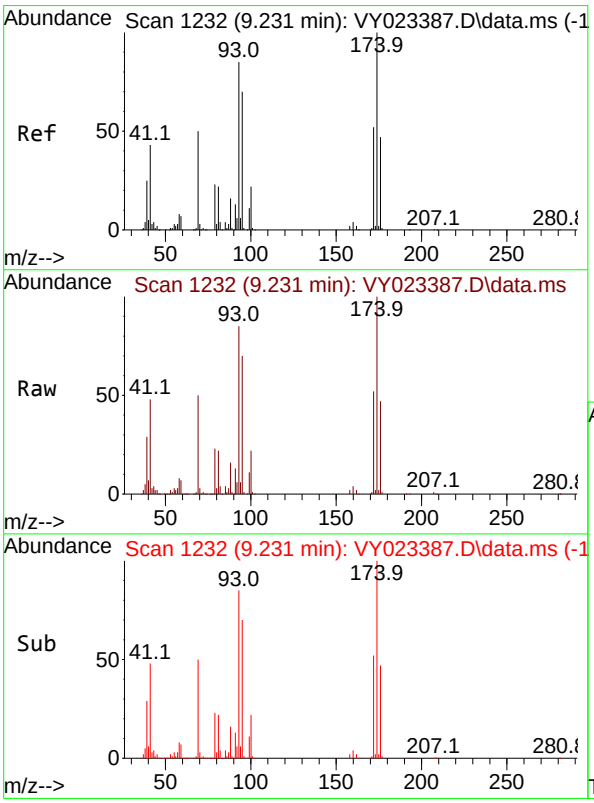
#45
1,2-Dichloropropane
Concen: 45.555 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 234978

Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

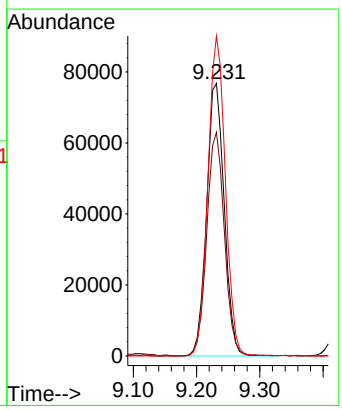


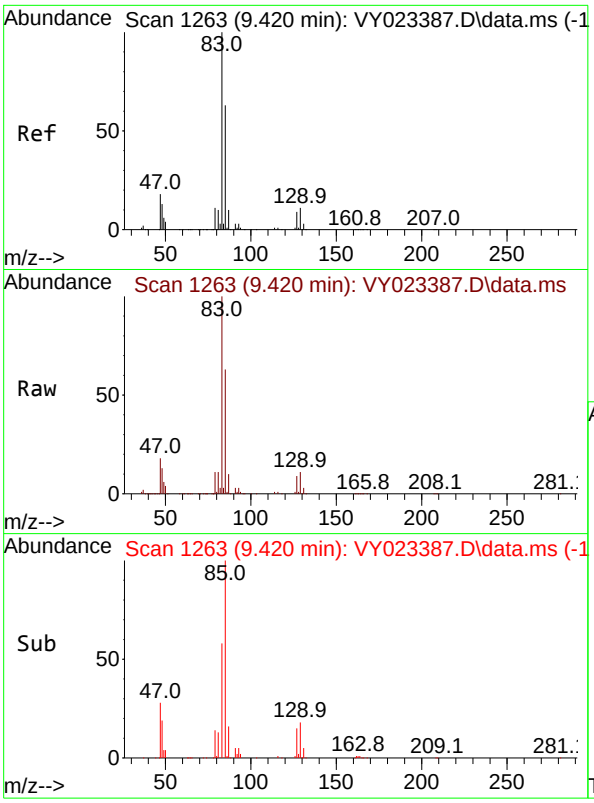


#46
Dibromomethane
Concen: 47.198 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 93 Resp: 148914

Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.4	98.0
174	116.1	92.9	139.3



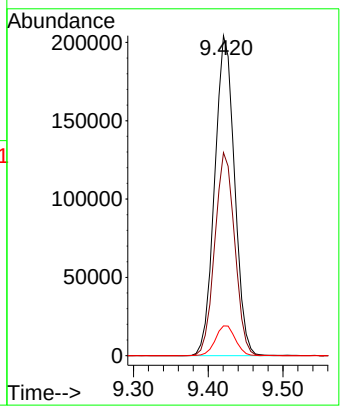


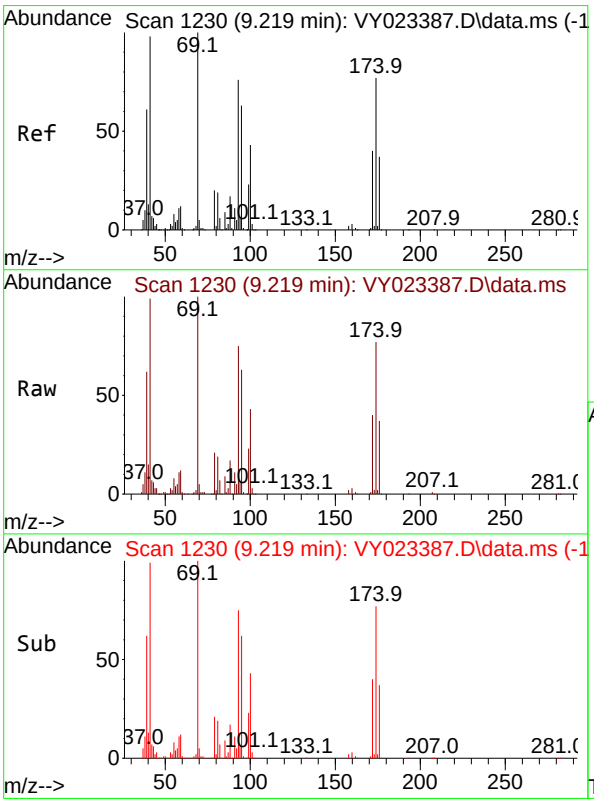
#47
Bromodichloromethane
Concen: 47.482 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 377084

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	9.3	7.4	11.2

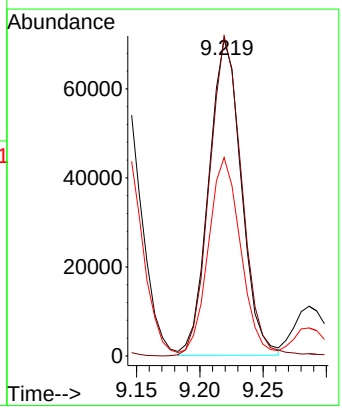


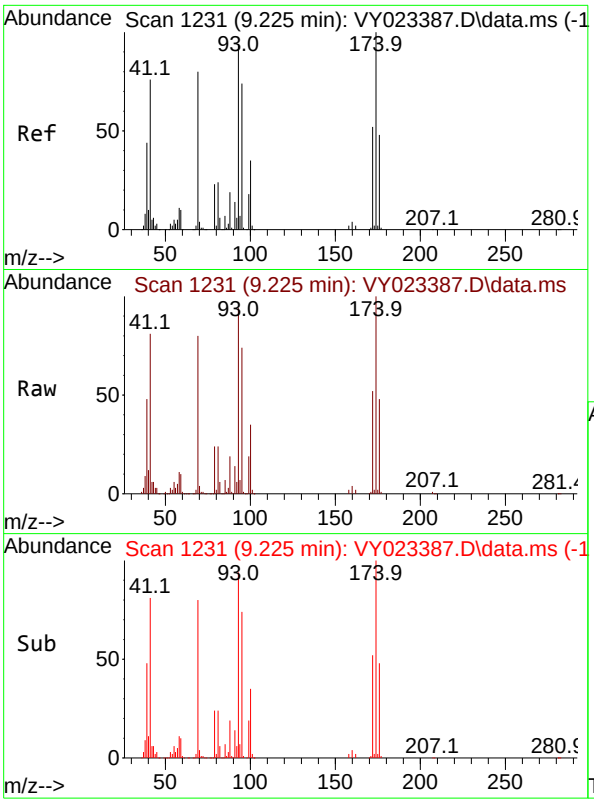


#48
Methyl methacrylate
Concen: 48.027 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 41 Resp: 126732

Ion	Ratio	Lower	Upper
41	100		
69	101.2	81.0	121.4
39	60.3	48.2	72.4



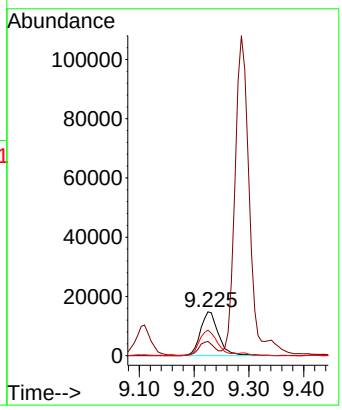


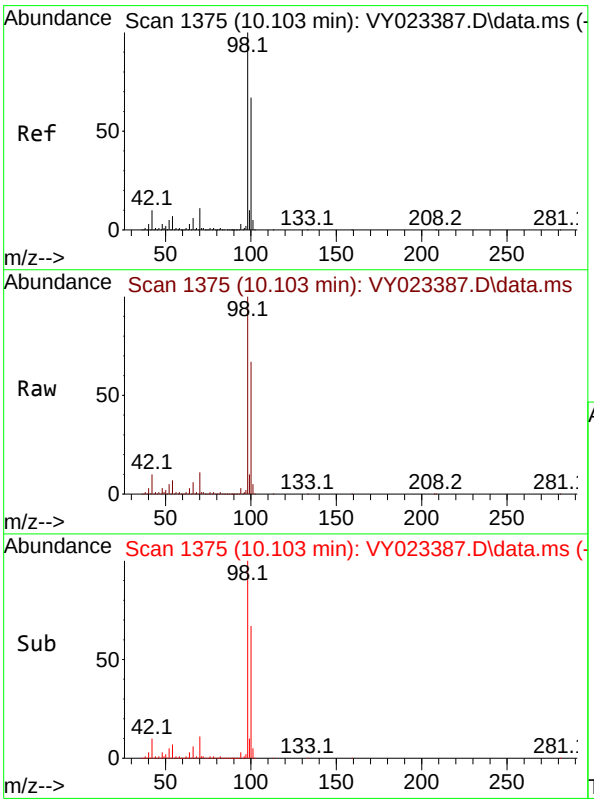
#49
1,4-Dioxane
Concen: 1042.312 ug/l
RT: 9.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 34053

Ion	Ratio	Lower	Upper
88	100		
43	27.3	21.8	32.8
58	58.5	46.8	70.2

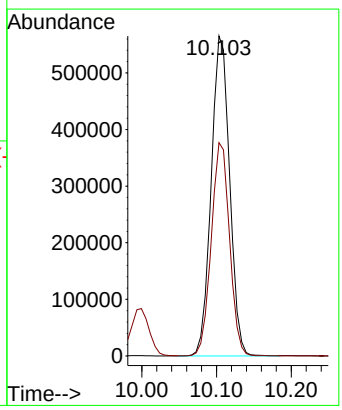


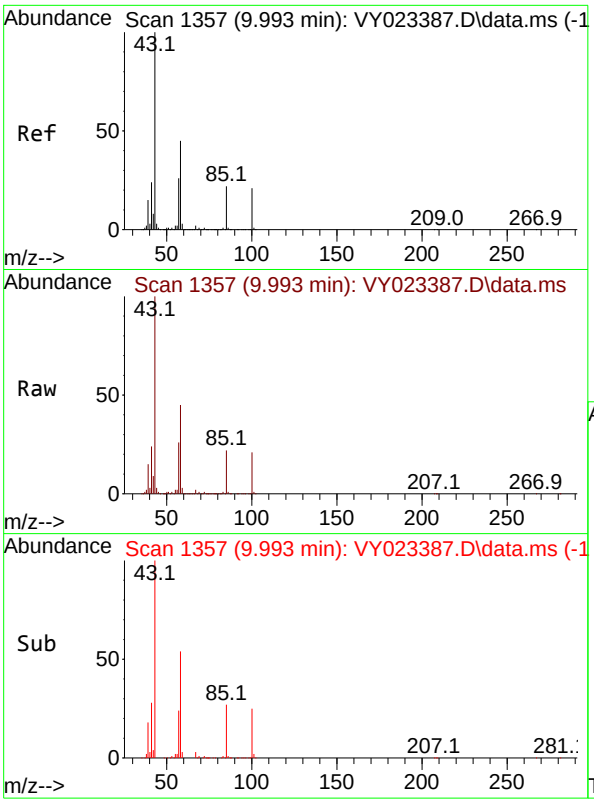


#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 98 Resp: 969649

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



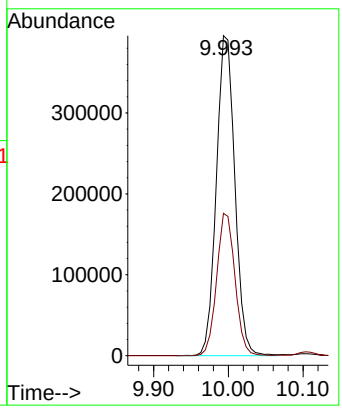


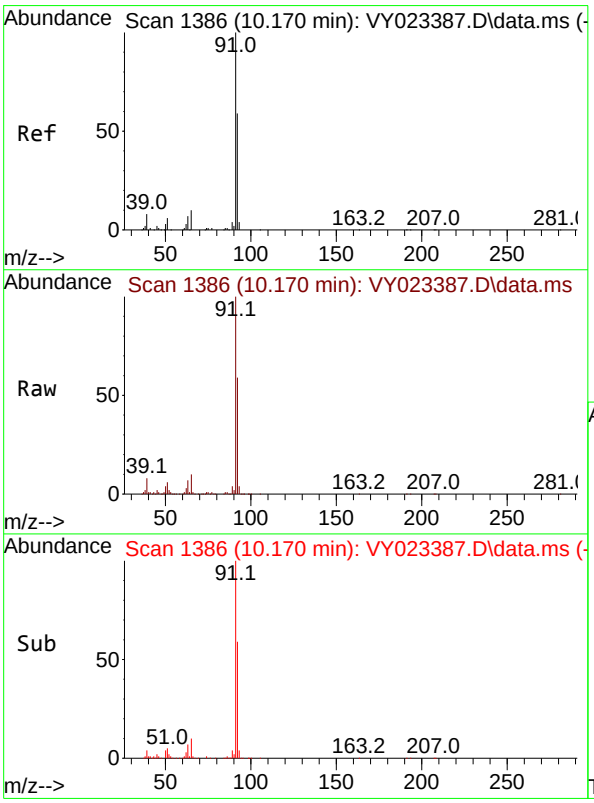
#51
4-Methyl-2-Pentanone
Concen: 235.772 ug/l
RT: 9.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 682879

Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.3	52.9

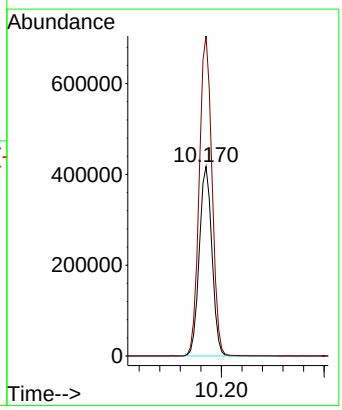


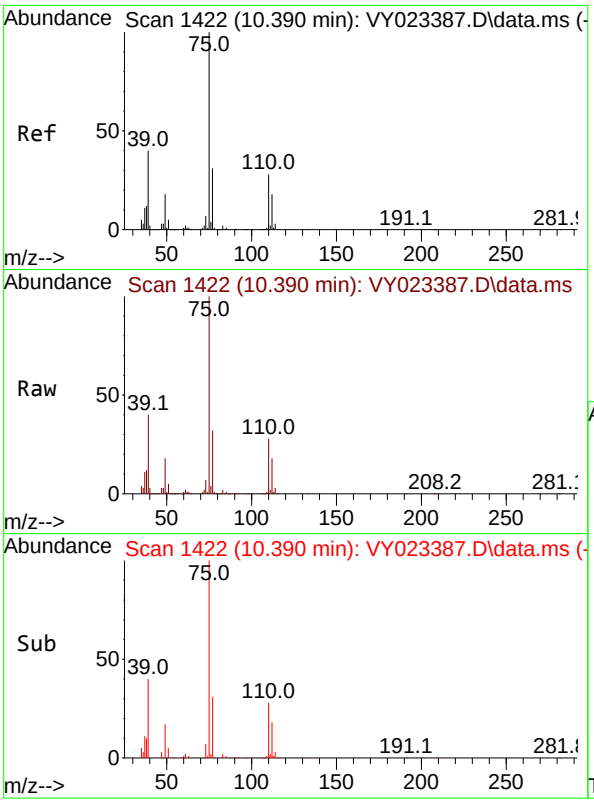


#52
Toluene
Concen: 48.824 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 92 Resp: 710404

Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.4	204.6



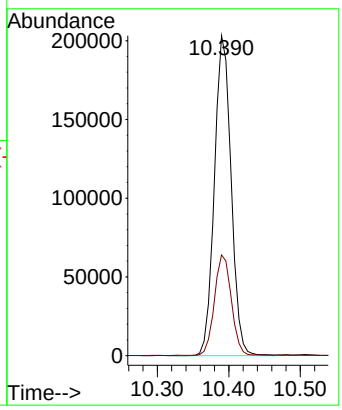


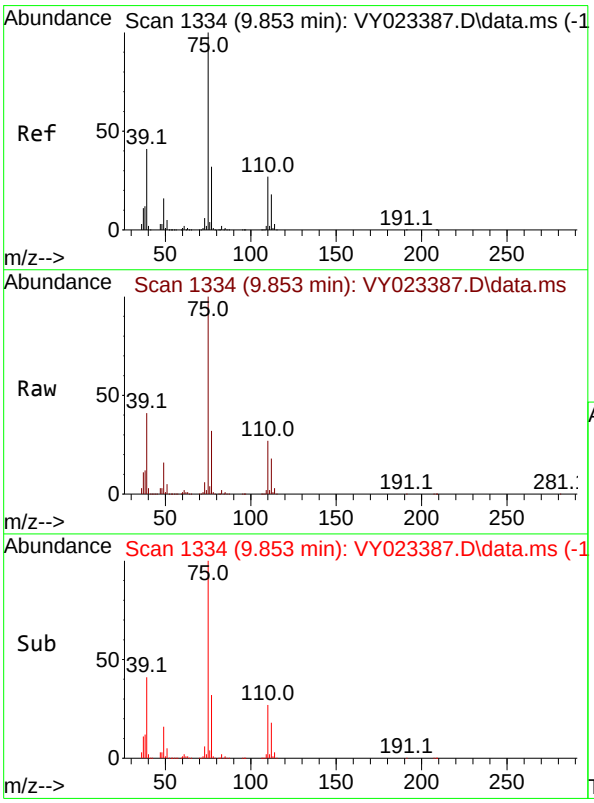
#53
t-1,3-Dichloropropene
Concen: 48.438 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 330392

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

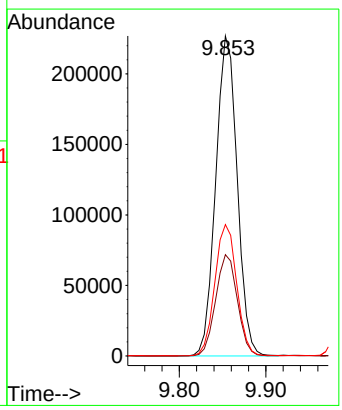


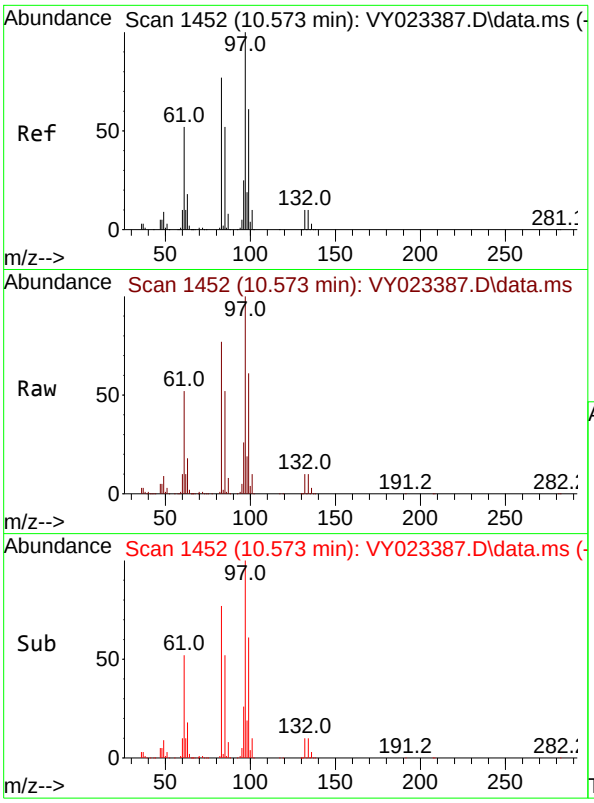


#54
cis-1,3-Dichloropropene
Concen: 47.910 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 390619

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	41.0	32.8	49.2



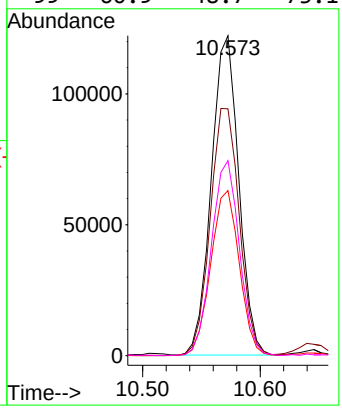


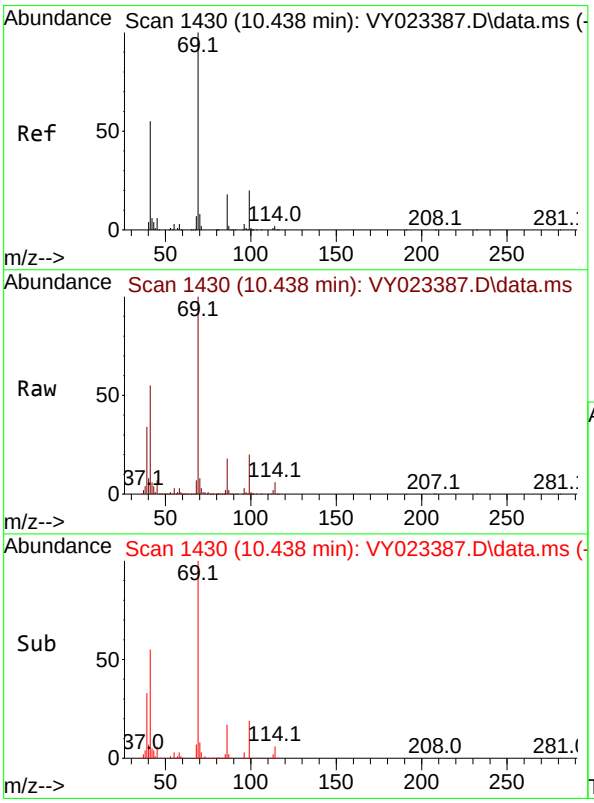
#55
1,1,2-Trichloroethane
Concen: 47.296 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 198478

Ion	Ratio	Lower	Upper
97	100		
83	77.2	61.8	92.6
85	51.6	41.3	61.9
99	60.9	48.7	73.1

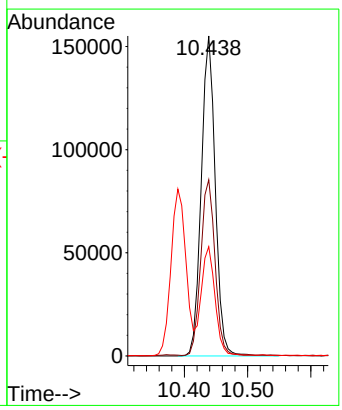


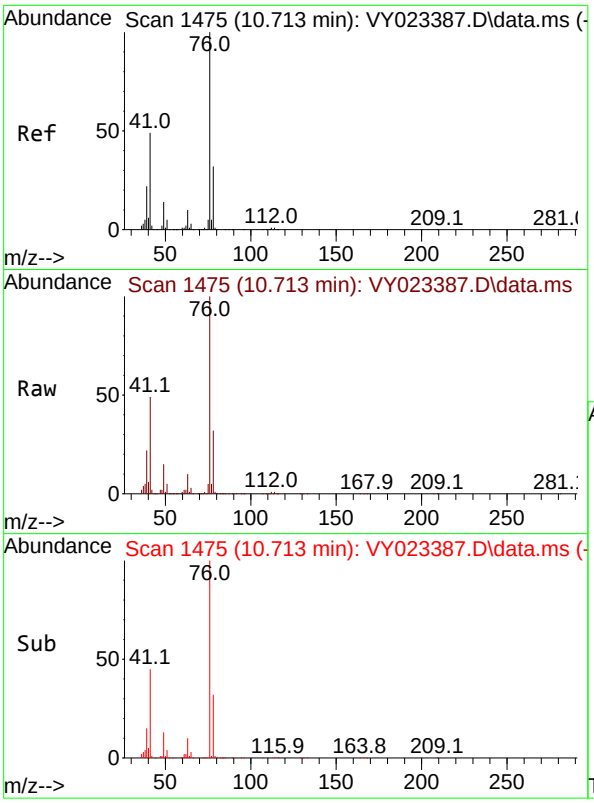


#56
Ethyl methacrylate
Concen: 49.535 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 69 Resp: 239407

Ion	Ratio	Lower	Upper
69	100		
41	55.8	44.6	67.0
39	33.7	27.0	40.4



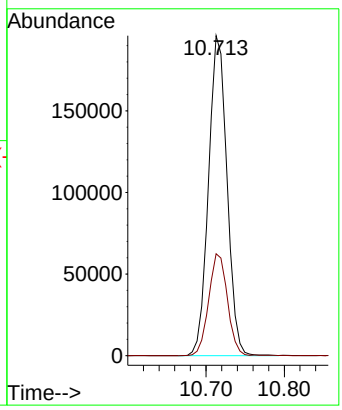


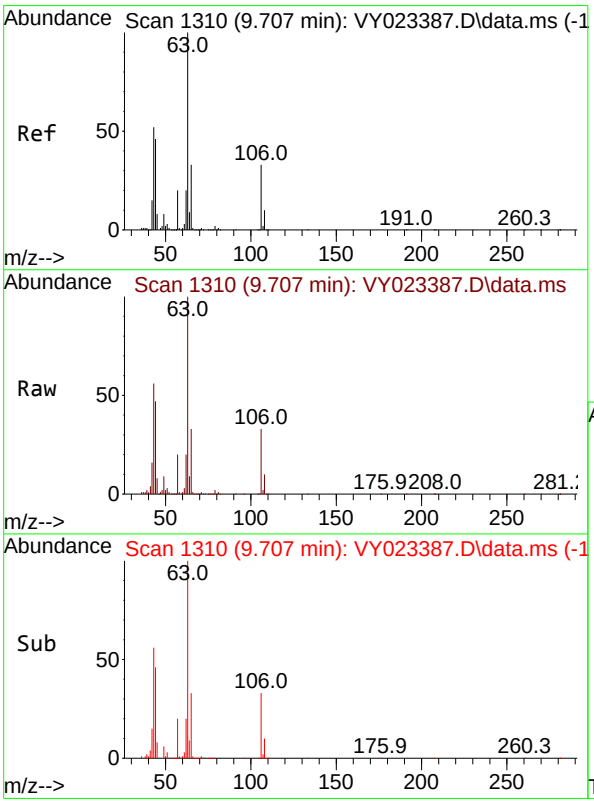
#57
1,3-Dichloropropane
Concen: 47.301 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 321276

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

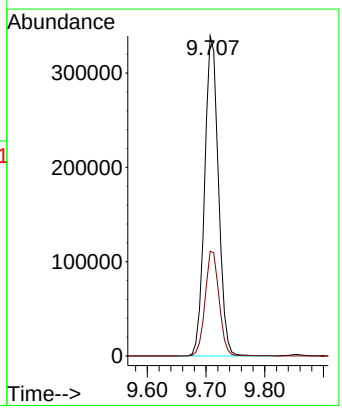


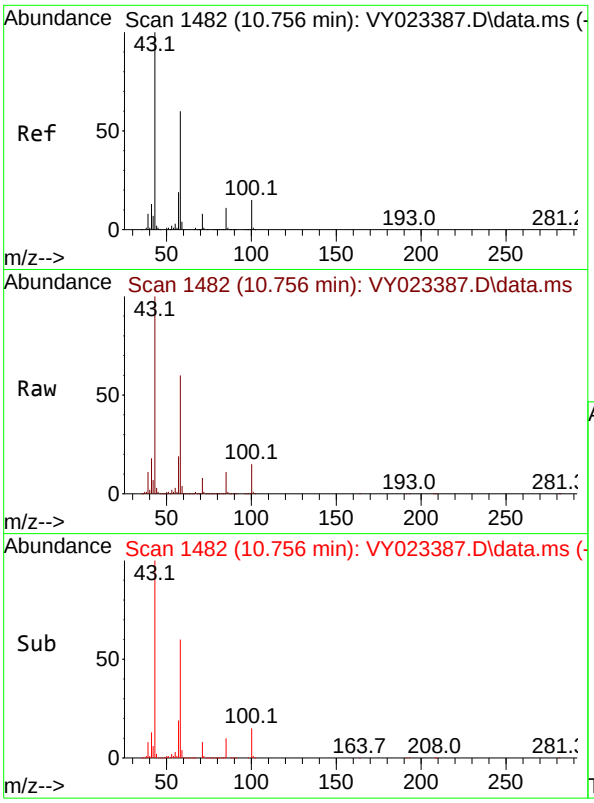


#58
2-Chloroethyl Vinyl ether
Concen: 261.921 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 63 Resp: 553816

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8



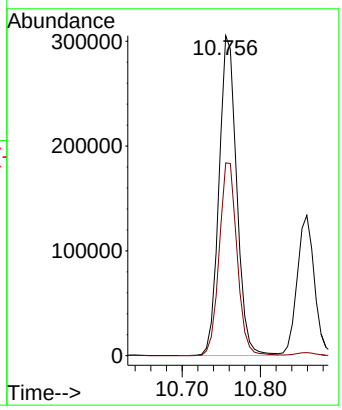


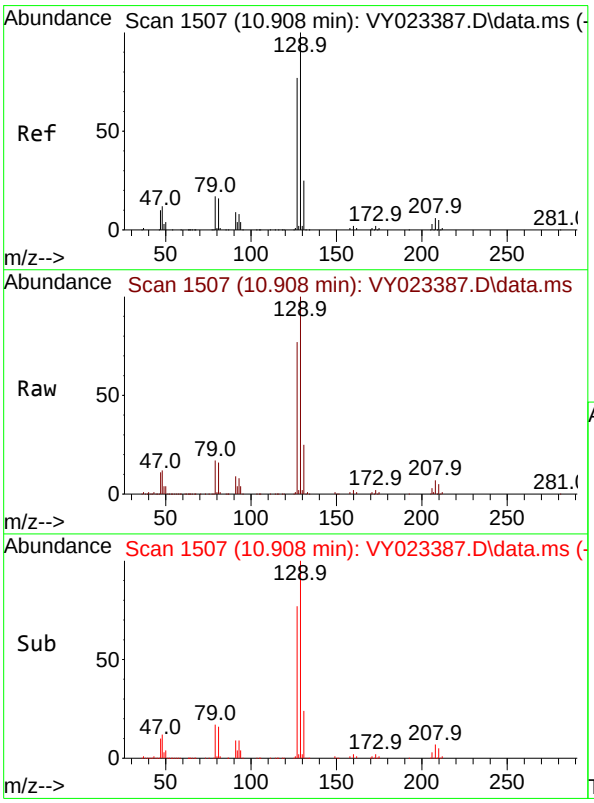
#59
2-Hexanone
Concen: 239.162 ug/l
RT: 10.756 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 479606

Ion	Ratio	Lower	Upper
43	100		
58	61.0	30.5	91.5

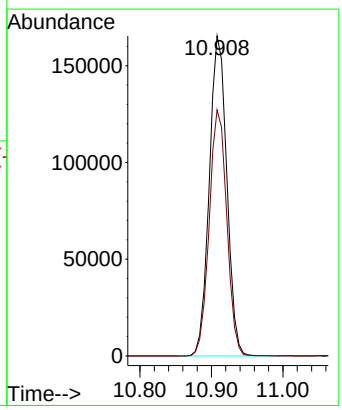


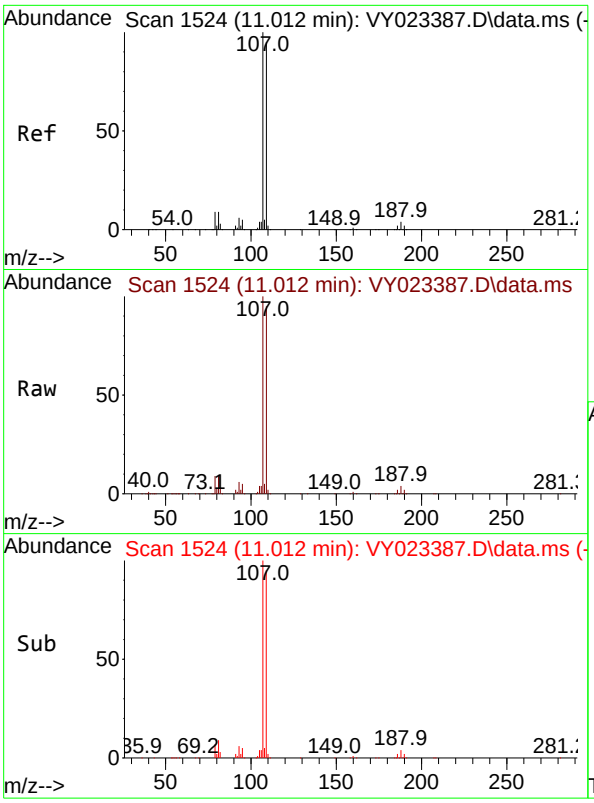


#60
Dibromochloromethane
Concen: 49.103 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:129 Resp: 281047

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7



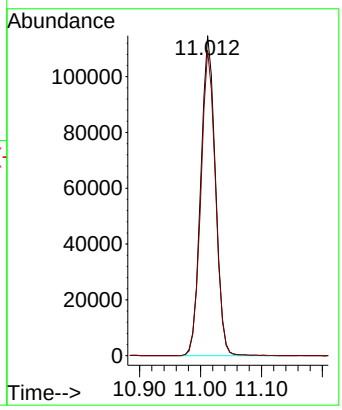


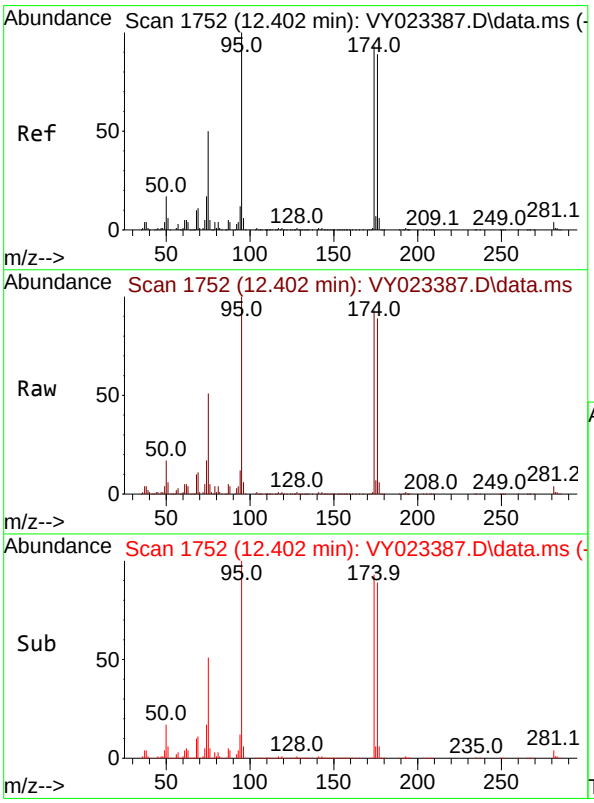
#61
1,2-Dibromoethane
Concen: 48.468 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 191356

Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

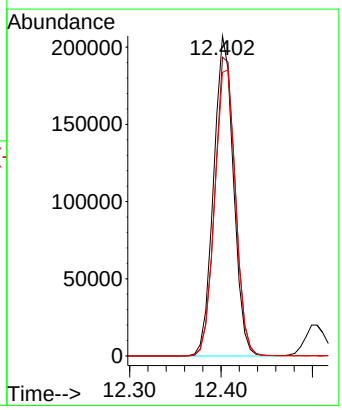


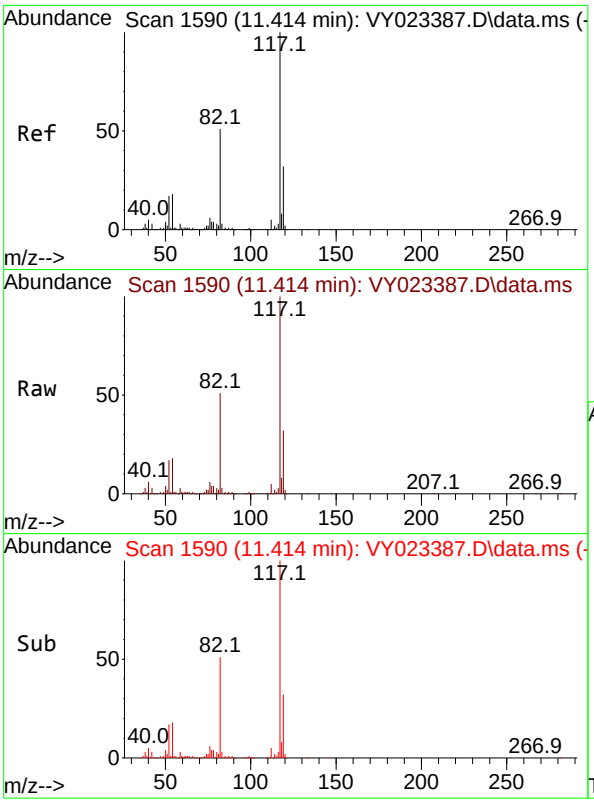


#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 95 Resp: 313426

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	192.8
176	93.8	0.0	187.6



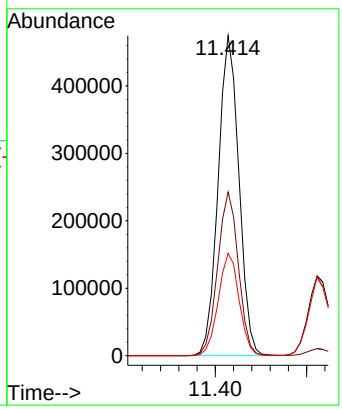


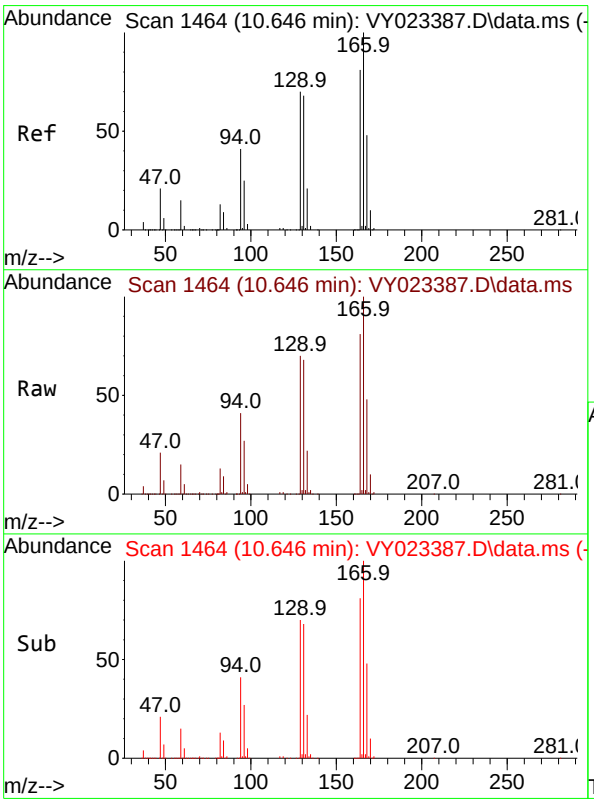
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 749869

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.0	25.6	38.4

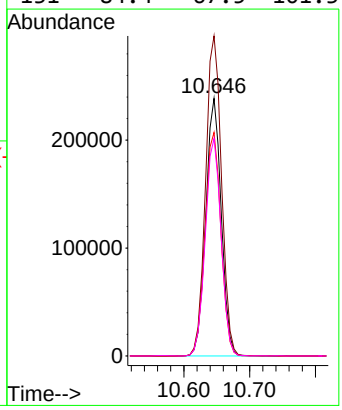


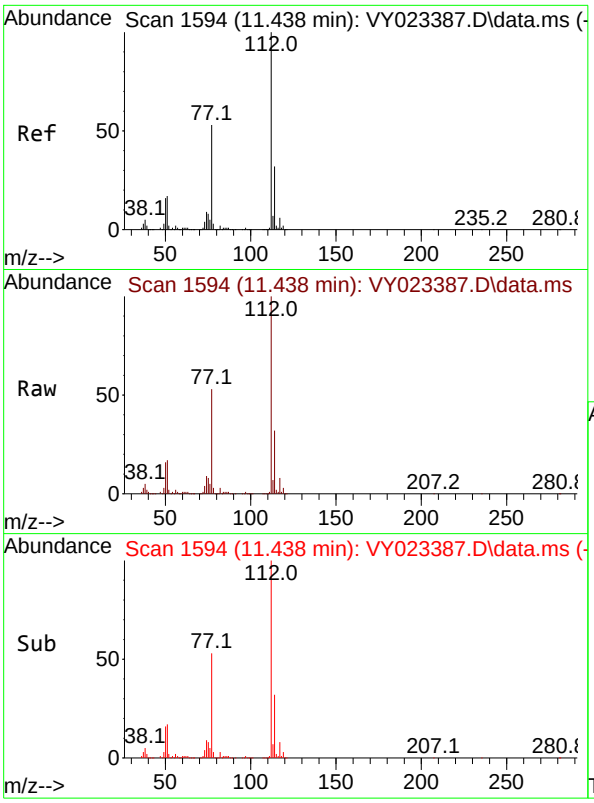


#64
Tetrachloroethene
Concen: 52.264 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:164 Resp: 392056

Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.4	149.0
129	86.8	69.4	104.2
131	84.4	67.5	101.3



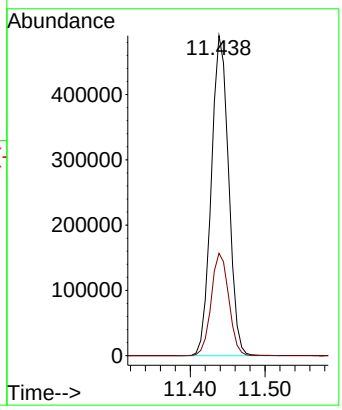


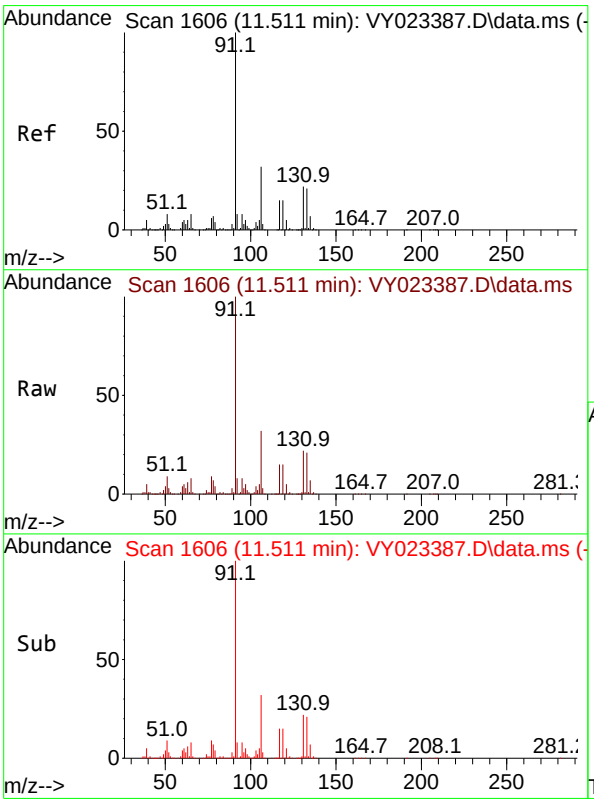
#65
Chlorobenzene
Concen: 48.460 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 789650

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

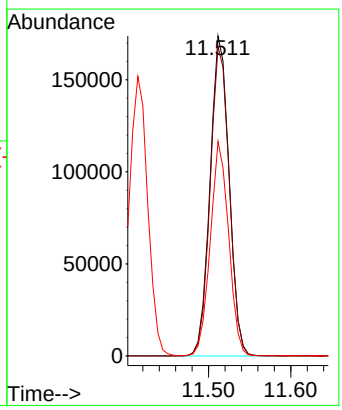


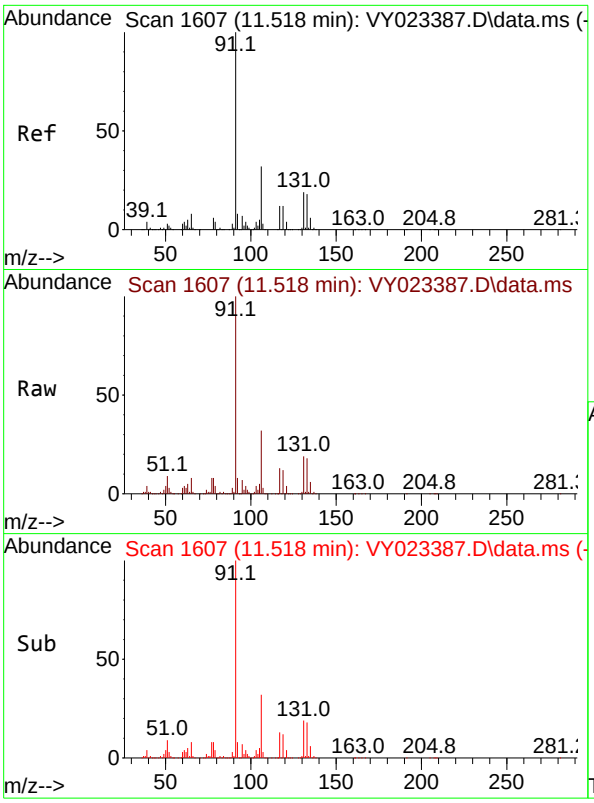


#66
1,1,1,2-Tetrachloroethane
Concen: 48.788 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:131 Resp: 279583

Ion	Ratio	Lower	Upper
131	100		
133	96.8	48.4	145.2
119	64.8	32.4	97.2



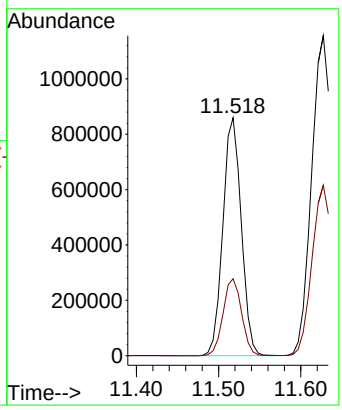


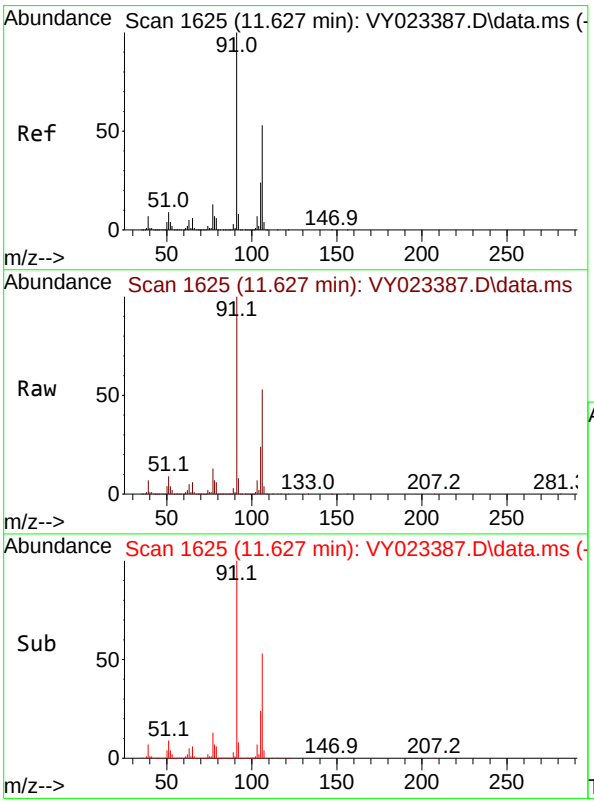
#67
Ethyl Benzene
Concen: 50.099 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1332350

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.8	38.8

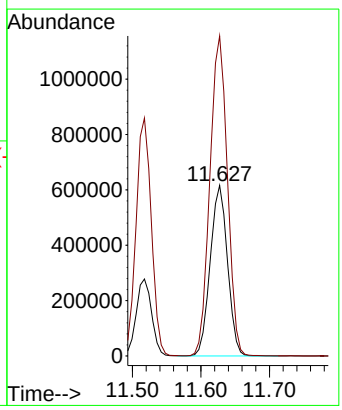


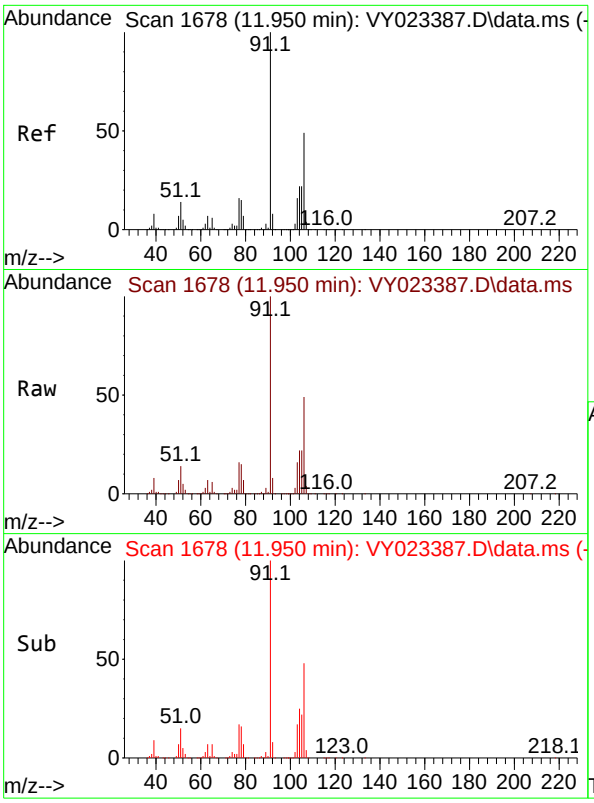


#68
m/p-Xylenes
Concen: 101.092 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:106 Resp: 1077583

Ion	Ratio	Lower	Upper
106	100		
91	190.8	152.6	229.0



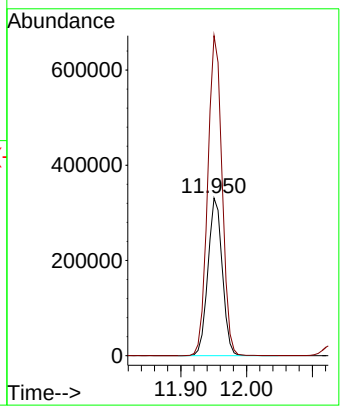


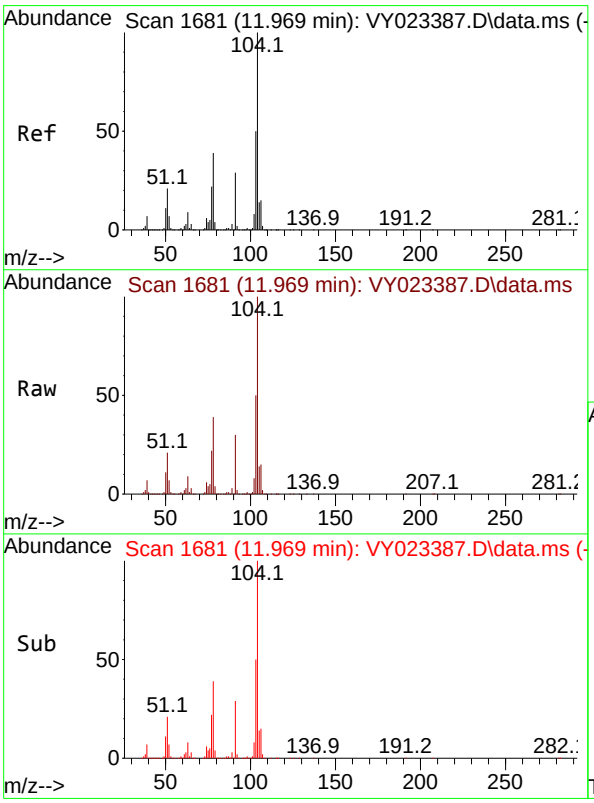
#69
o-Xylene
Concen: 50.946 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 502722

Ion	Ratio	Lower	Upper
106	100		
91	202.7	101.4	304.1

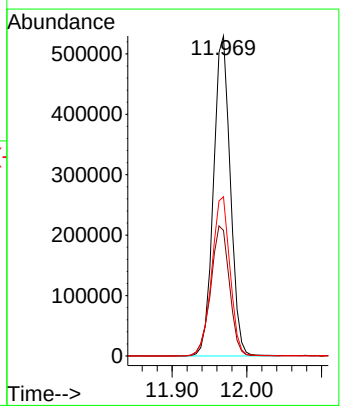


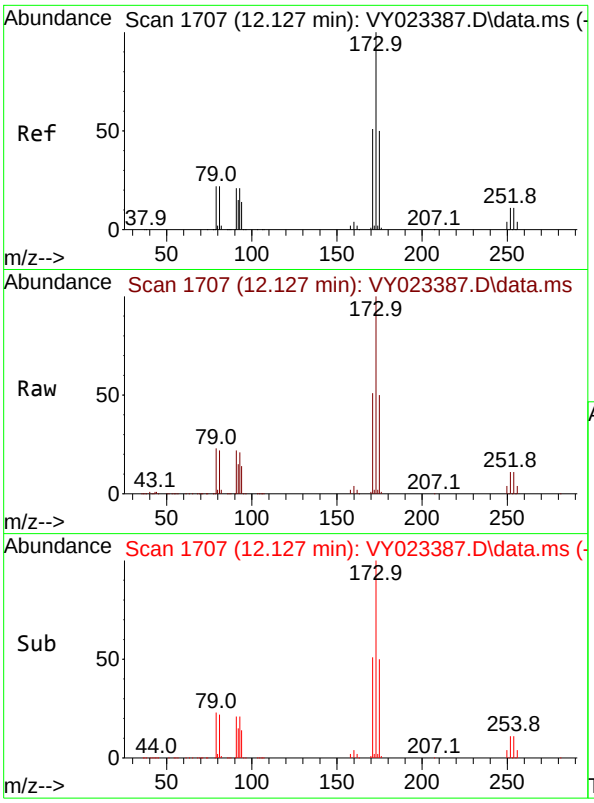


#70
Styrene
Concen: 51.059 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:104 Resp: 831908

Ion	Ratio	Lower	Upper
104	100		
78	45.1	36.1	54.1
103	54.0	43.2	64.8



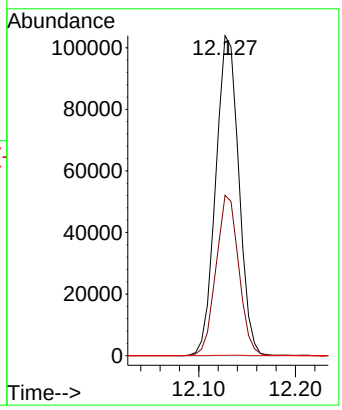


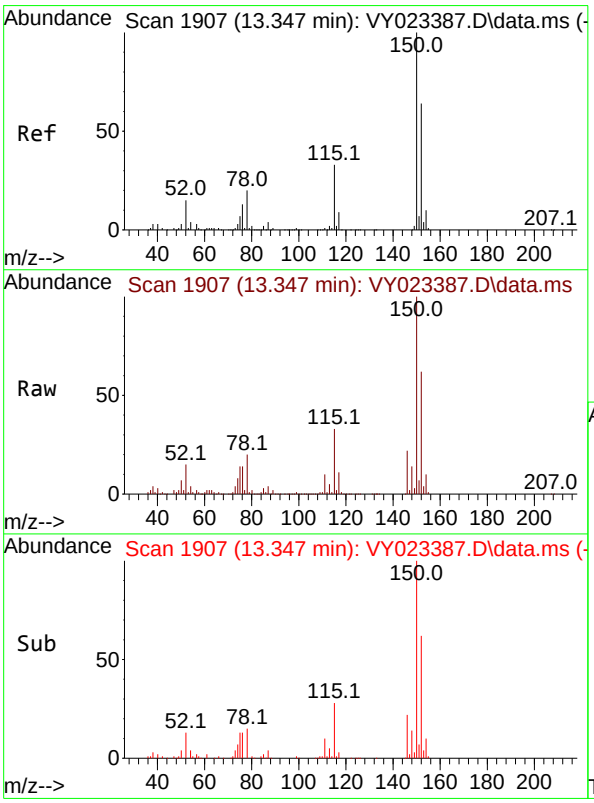
#71
Bromoform
Concen: 50.229 ug/l
RT: 12.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 172315

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.1	0.1	0.1#

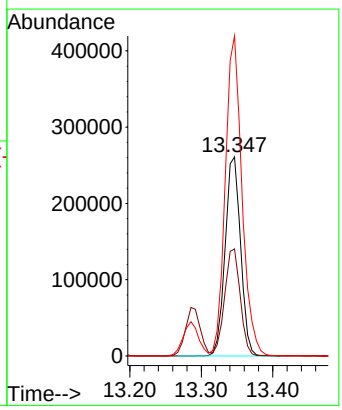


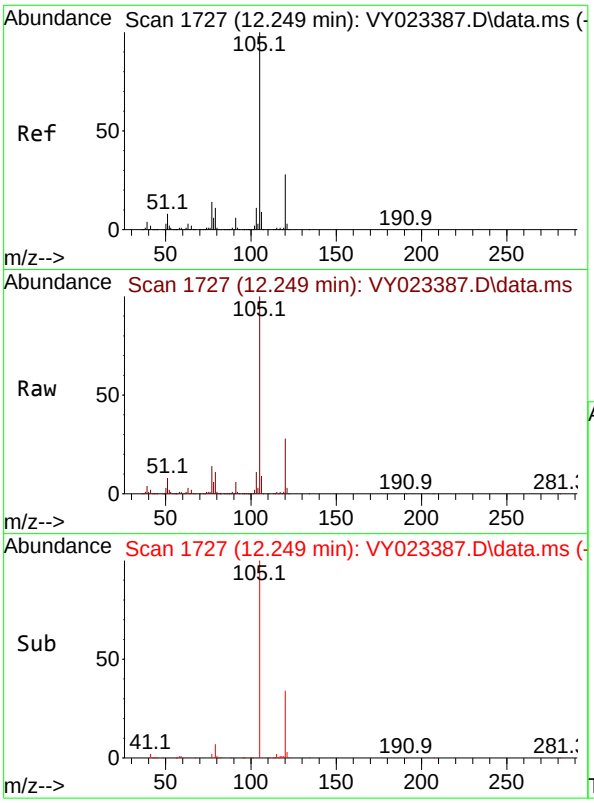


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:152 Resp: 392169

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	173.7	0.0	347.4



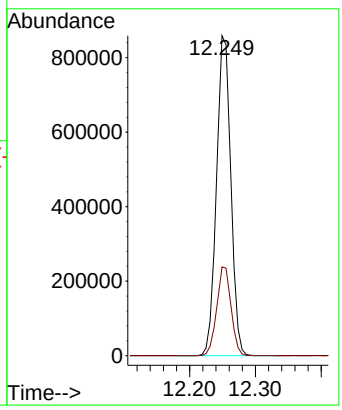


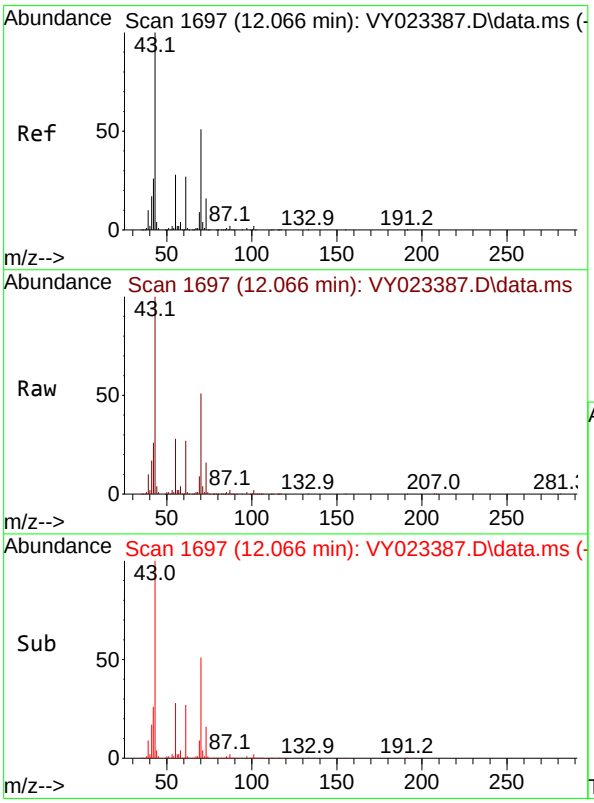
#73
Isopropylbenzene
Concen: 49.803 ug/l
RT: 12.249 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 1301009

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7

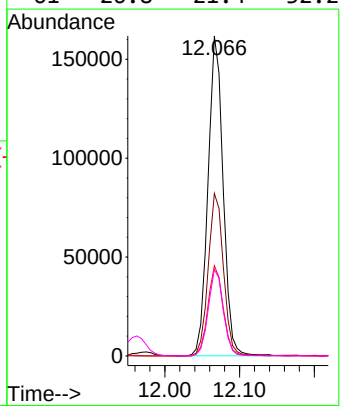


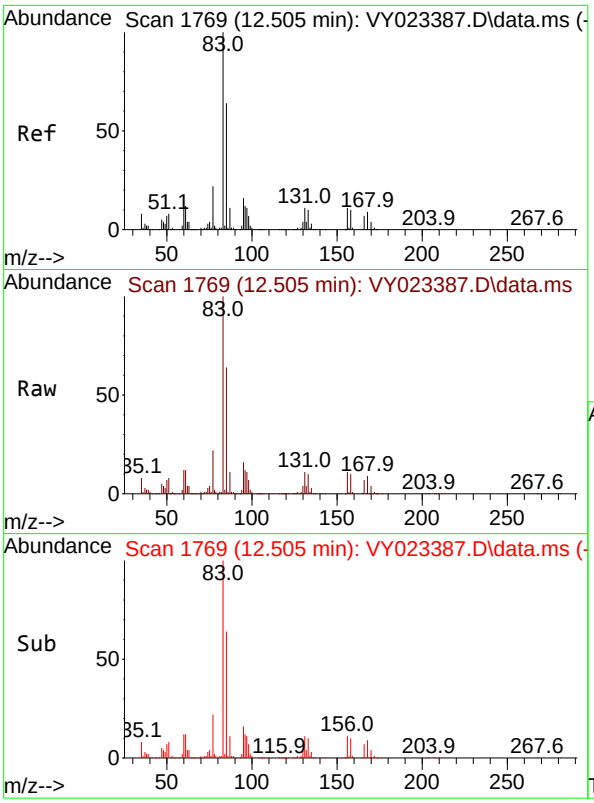


#74
N-amyl acetate
Concen: 46.640 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 43 Resp: 227684

Ion	Ratio	Lower	Upper
43	100		
70	51.4	41.1	61.7
55	28.8	23.0	34.6
61	26.8	21.4	32.2



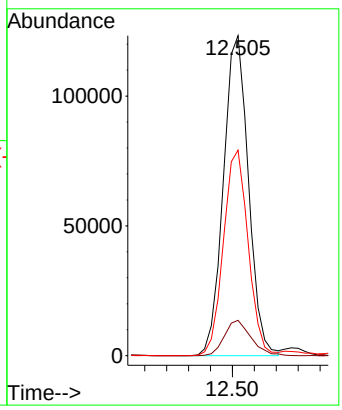


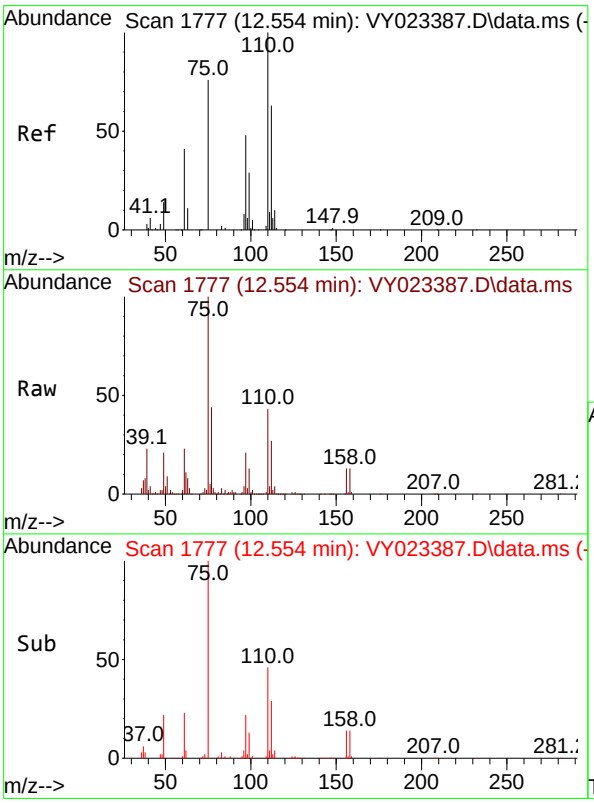
#75
1,1,2,2-Tetrachloroethane
Concen: 44.878 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 195565

Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.9	17.6
85	63.5	31.8	95.3

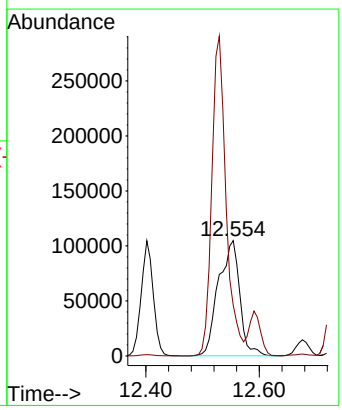


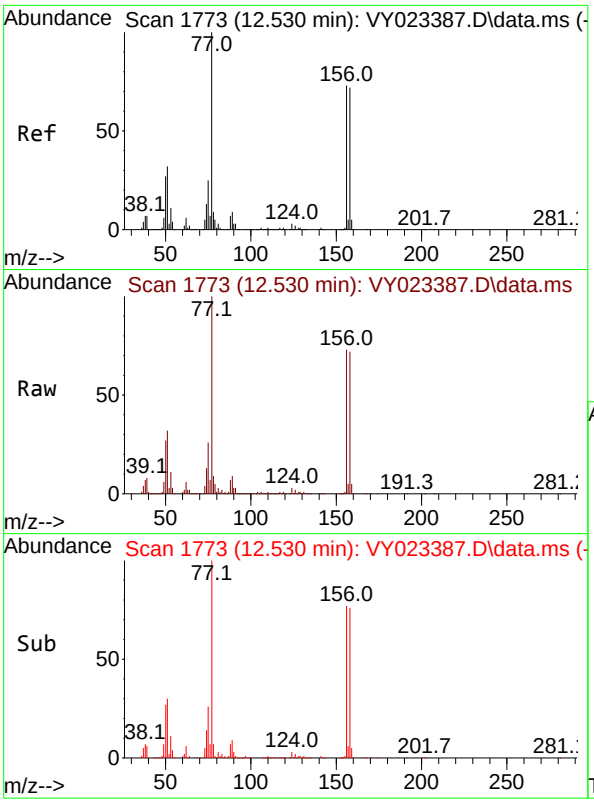


#76
1,2,3-Trichloropropane
Concen: 70.652 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 273310

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



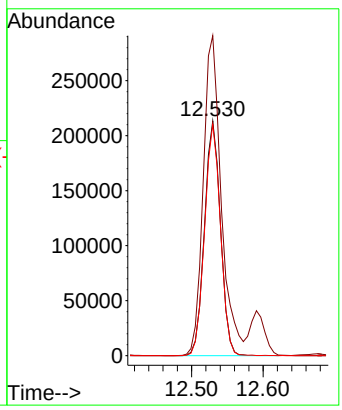


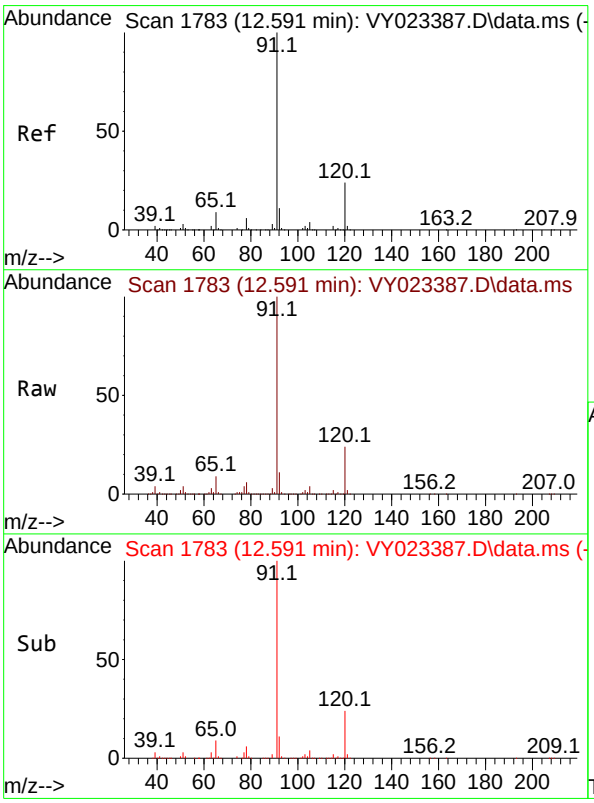
#77
Bromobenzene
Concen: 49.419 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 331331

Ion	Ratio	Lower	Upper
156	100		
77	153.7	76.8	230.5
158	98.1	49.0	147.2

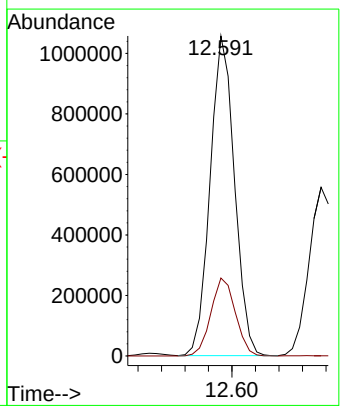


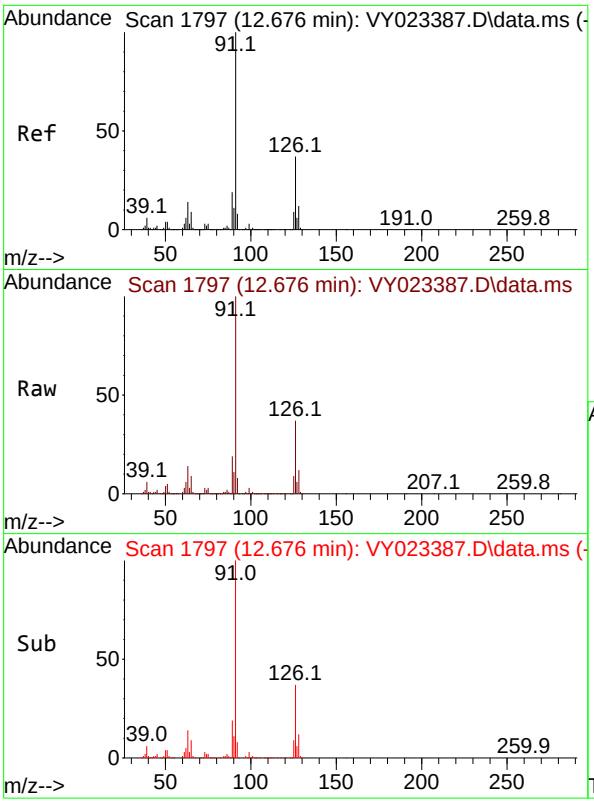


#78
n-propylbenzene
Concen: 49.572 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 1522965

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.3	36.8



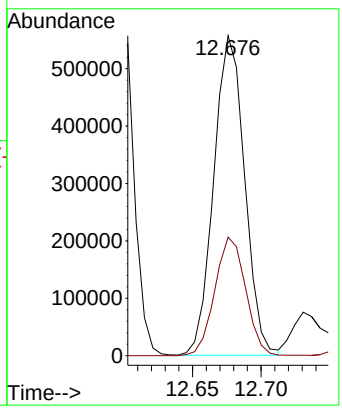


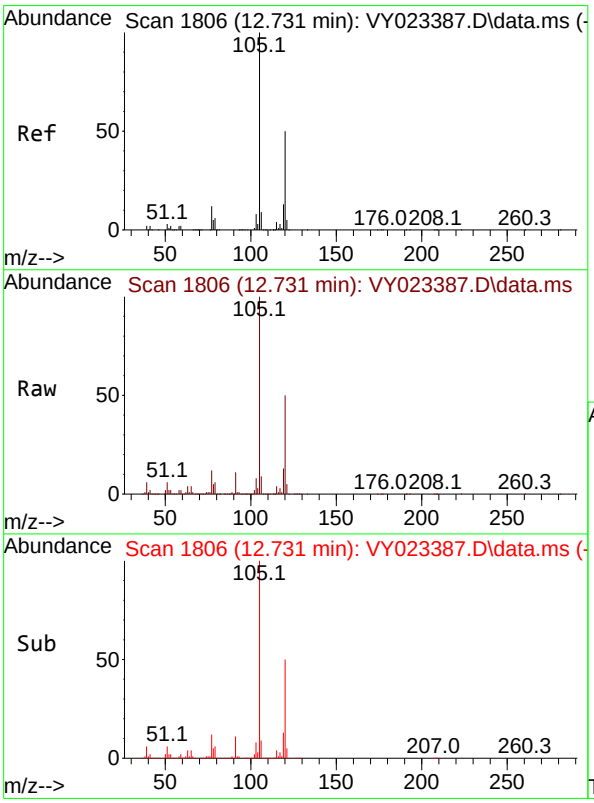
#79
2-Chlorotoluene
Concen: 49.235 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 873335

Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5

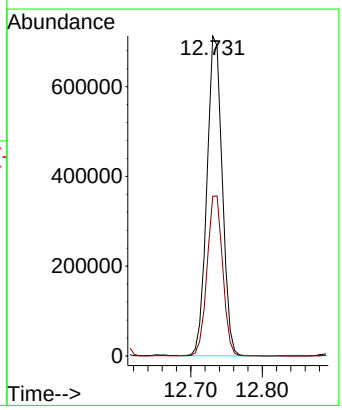


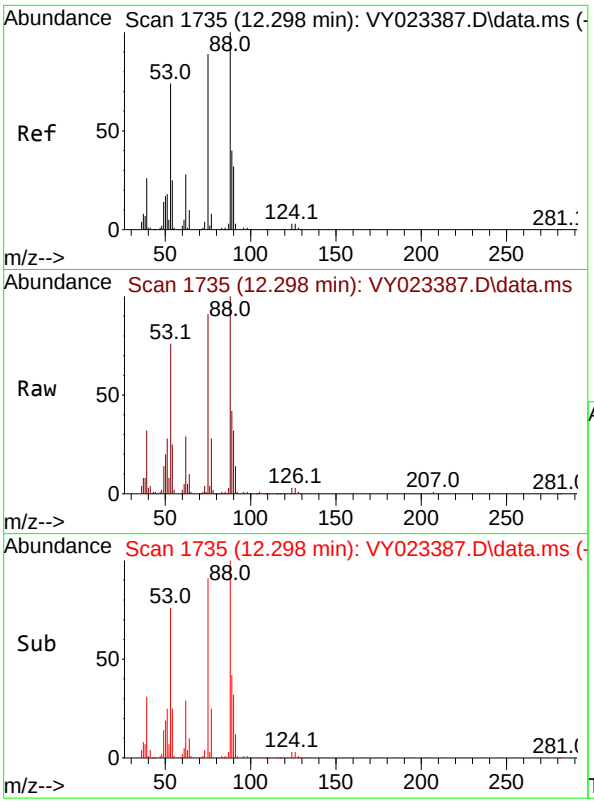


#80
1,3,5-Trimethylbenzene
Concen: 49.966 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 1061112

Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.4	76.4



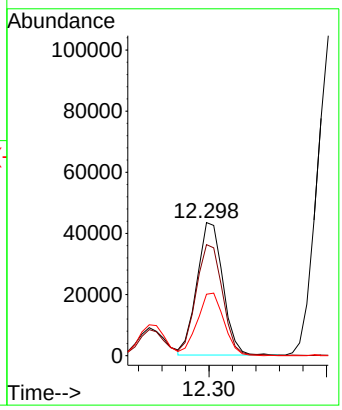


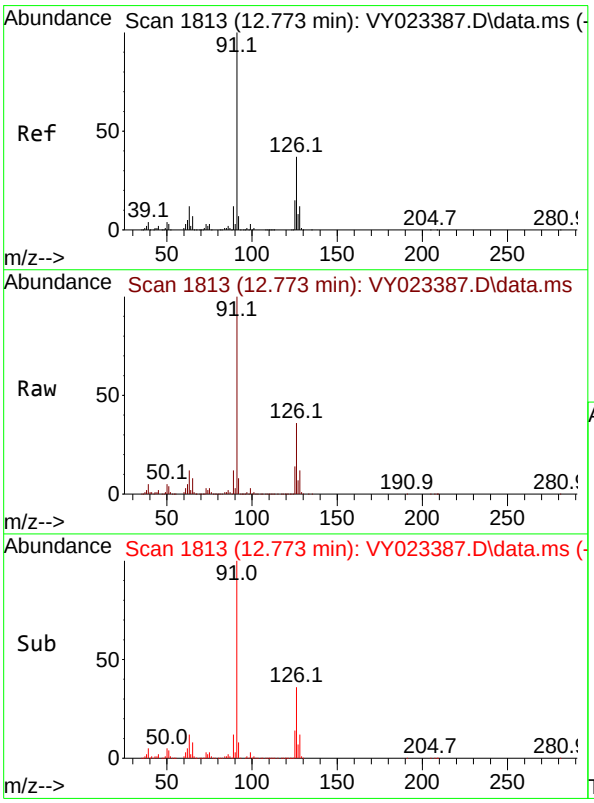
#81
trans-1,4-Dichloro-2-butene
Concen: 46.212 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 66299

Ion	Ratio	Lower	Upper
75	100		
53	85.7	68.6	102.8
89	48.7	39.0	58.4

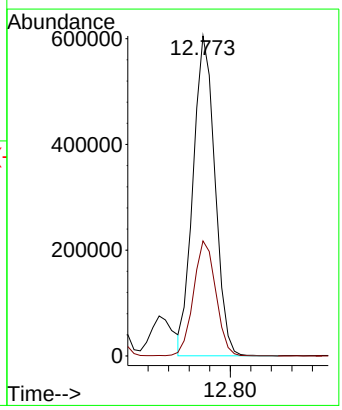


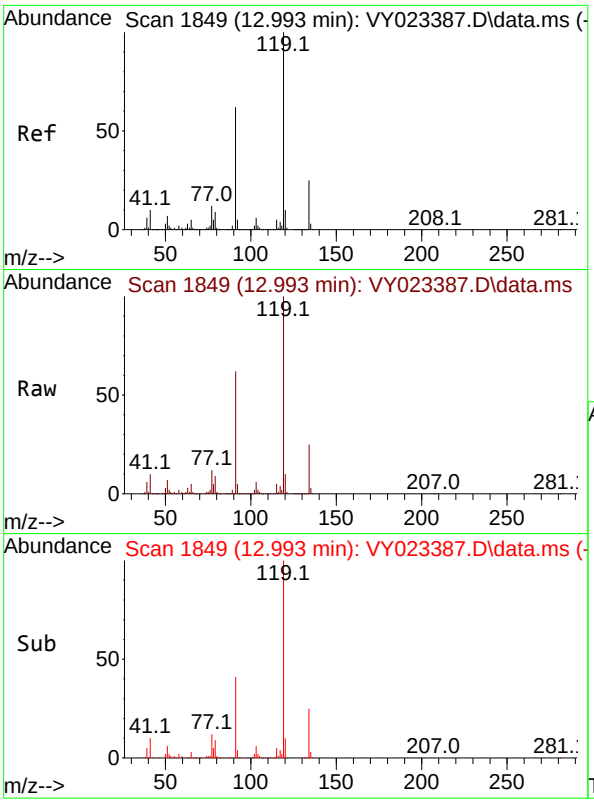


#82
4-Chlorotoluene
Concen: 48.192 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 91 Resp: 892764

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.4	55.4



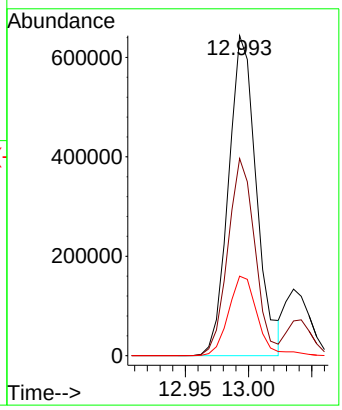


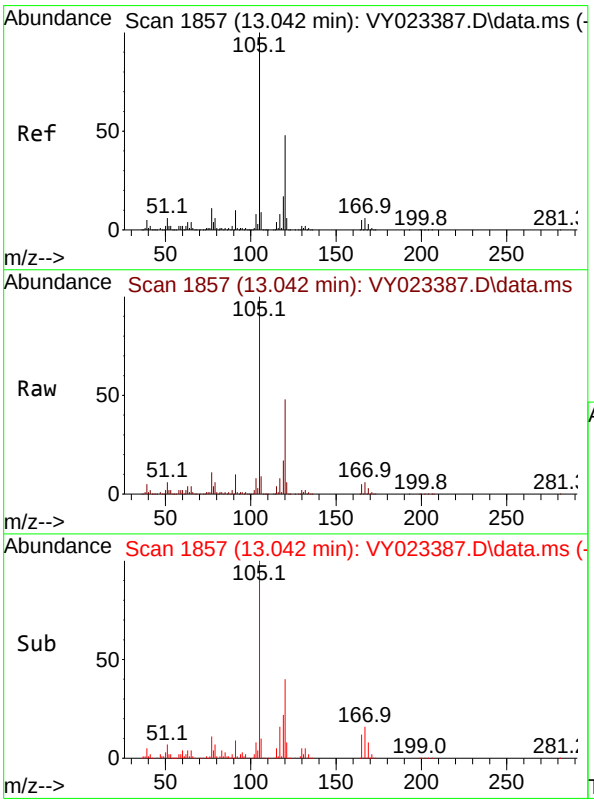
#83
tert-Butylbenzene
Concen: 51.104 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 988936

Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.9	89.8
134	25.8	12.9	38.7

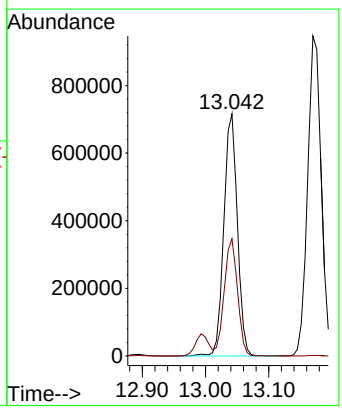


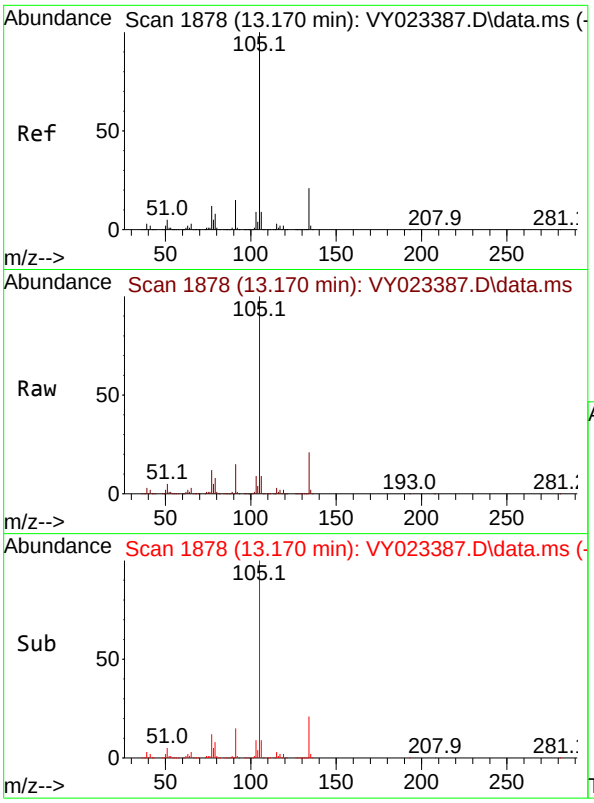


#84
1,2,4-Trimethylbenzene
Concen: 50.505 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:105 Resp: 1061159

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.8	71.2



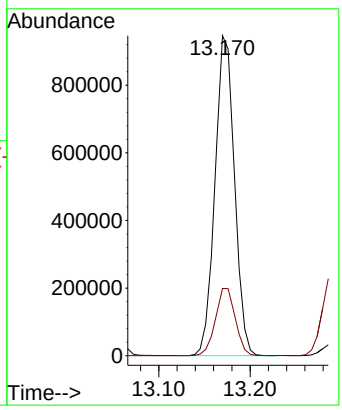


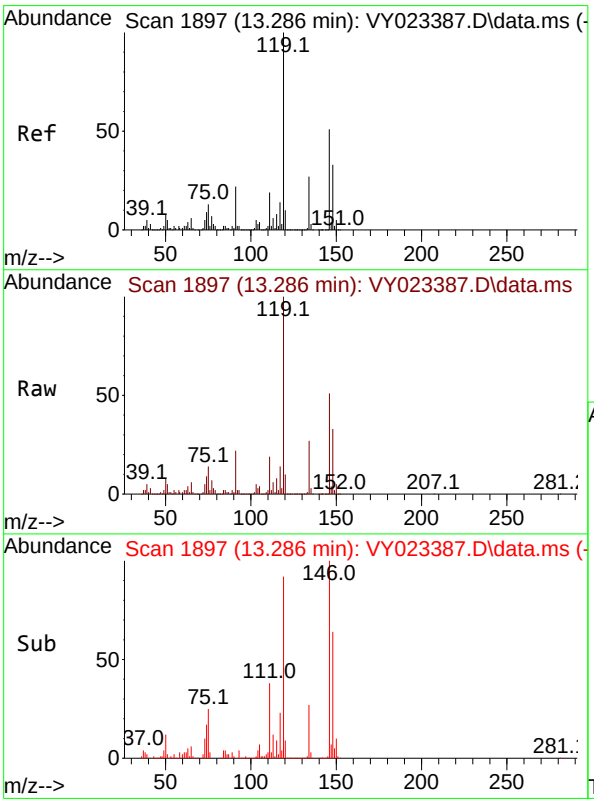
#85
sec-Butylbenzene
Concen: 50.133 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 1405003

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1

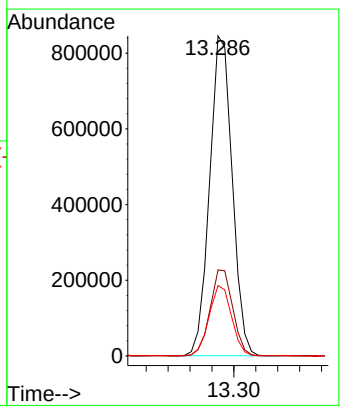


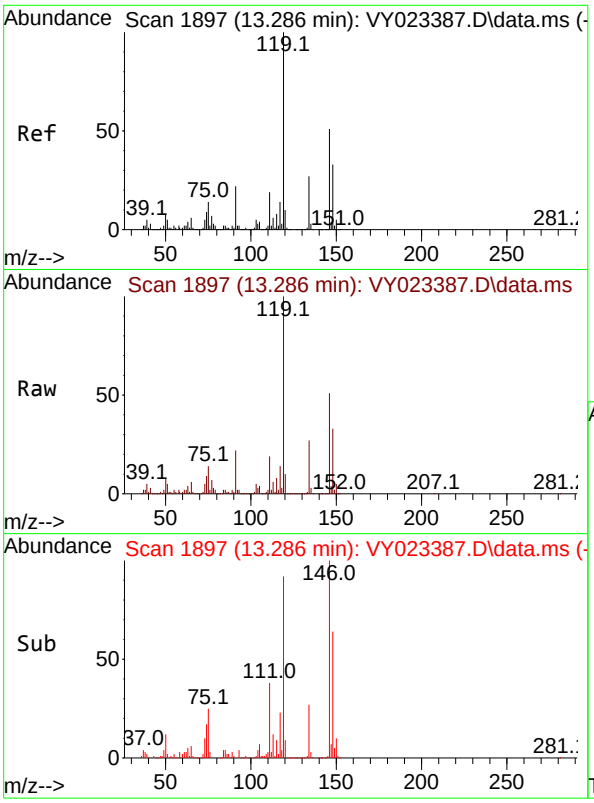


#86
p-Isopropyltoluene
Concen: 51.115 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:119 Resp: 1210644

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	21.9	10.9	32.9



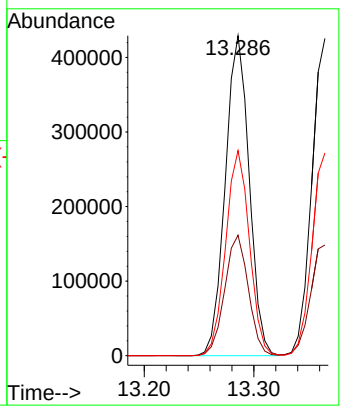


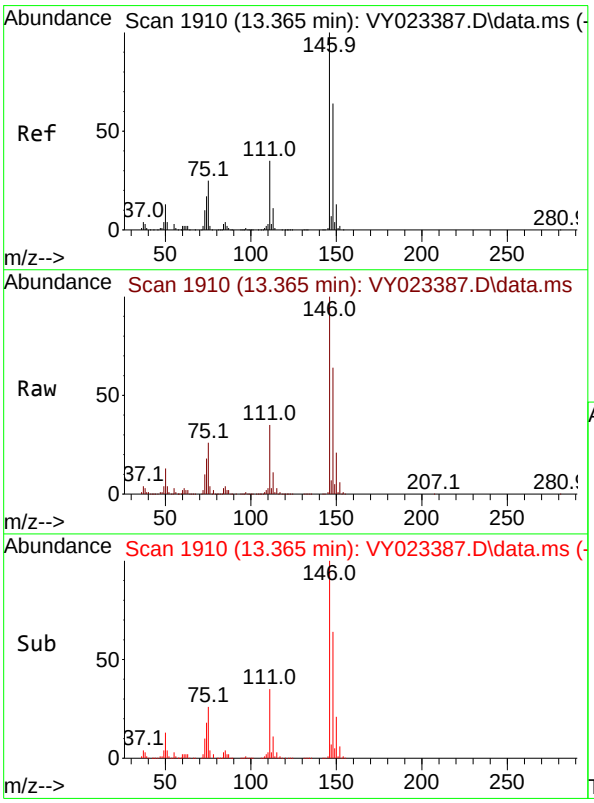
#87
1,3-Dichlorobenzene
Concen: 49.072 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 649899

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.9	31.9	95.9

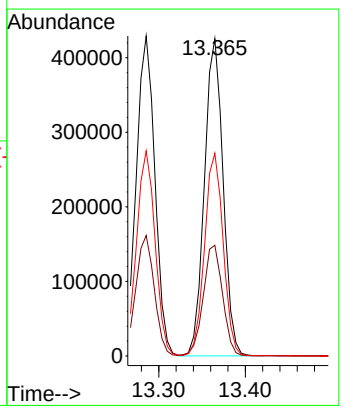


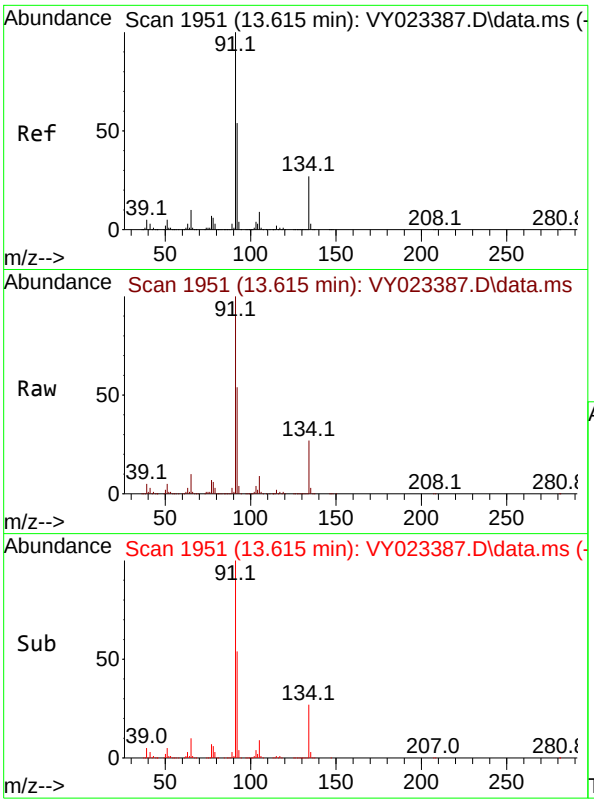


#88
1,4-Dichlorobenzene
Concen: 48.476 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:146 Resp: 636694

Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.8	31.9	95.7



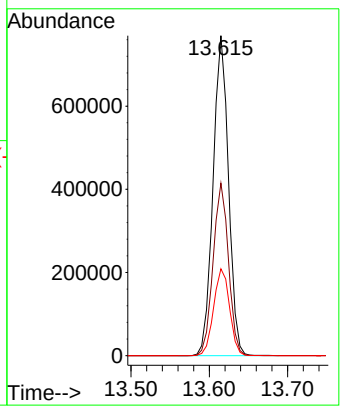


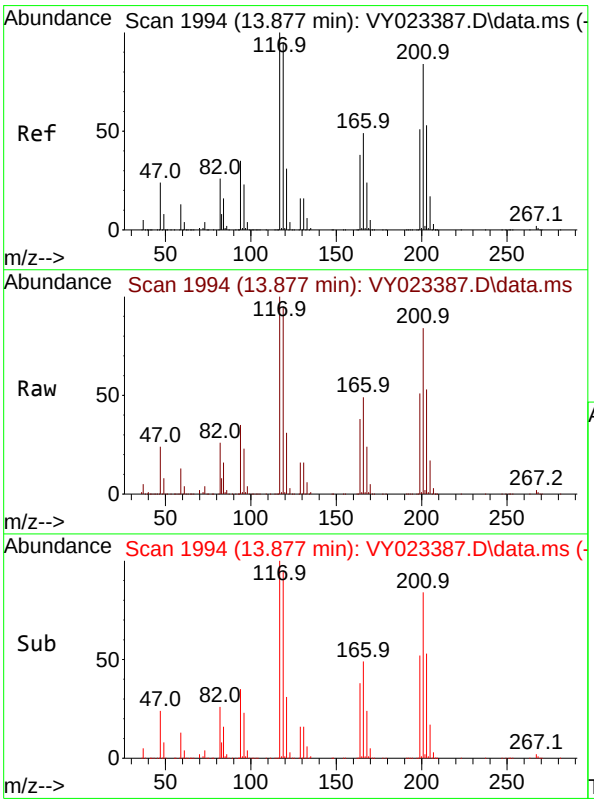
#89
n-Butylbenzene
Concen: 50.299 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1051949

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.1	14.1	42.2

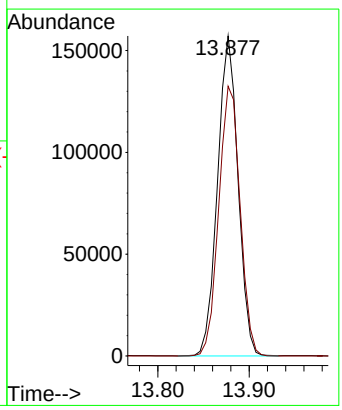


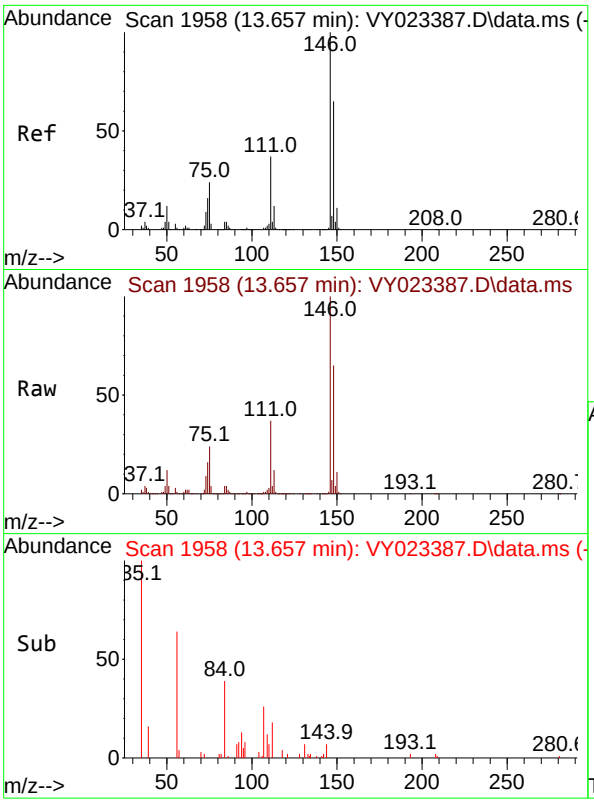


#90
Hexachloroethane
Concen: 47.664 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:117 Resp: 245108

Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.8	131.4



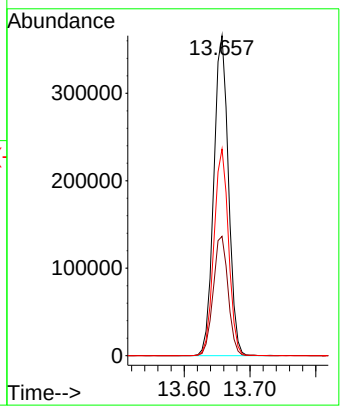


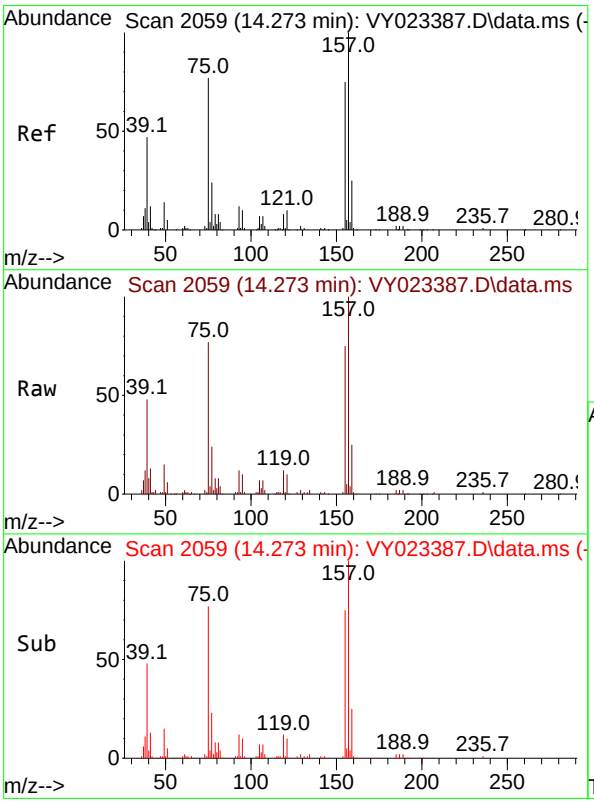
#91
1,2-Dichlorobenzene
Concen: 49.075 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 567114

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.2	32.1	96.3

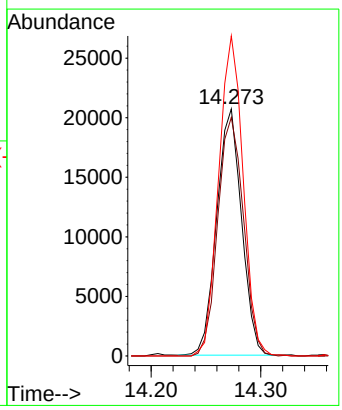


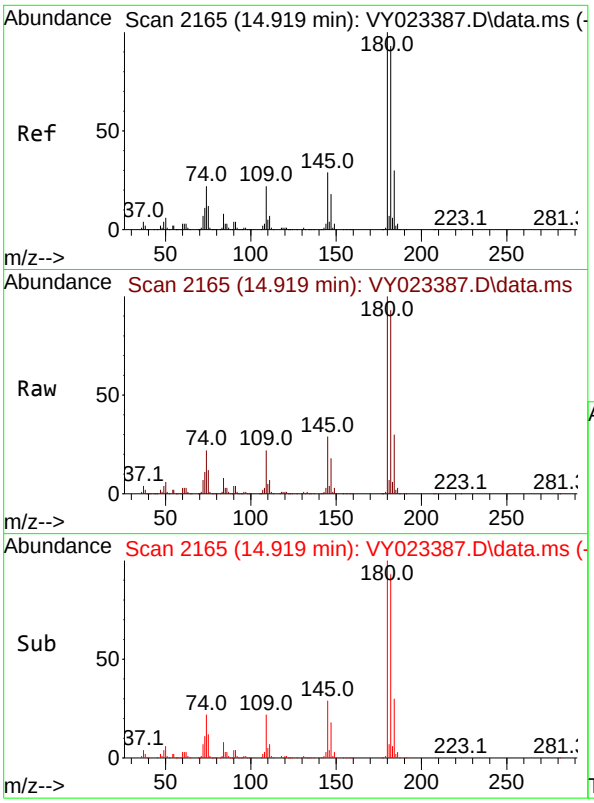


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.184 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion: 75 Resp: 32585

Ion	Ratio	Lower	Upper
75	100		
155	100.0	50.0	150.0
157	127.7	63.8	191.5



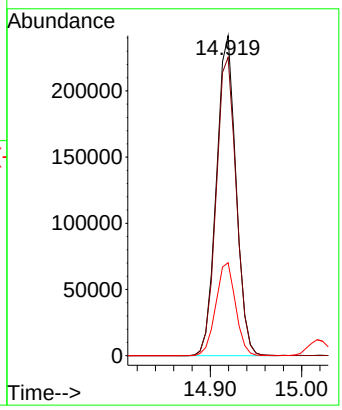


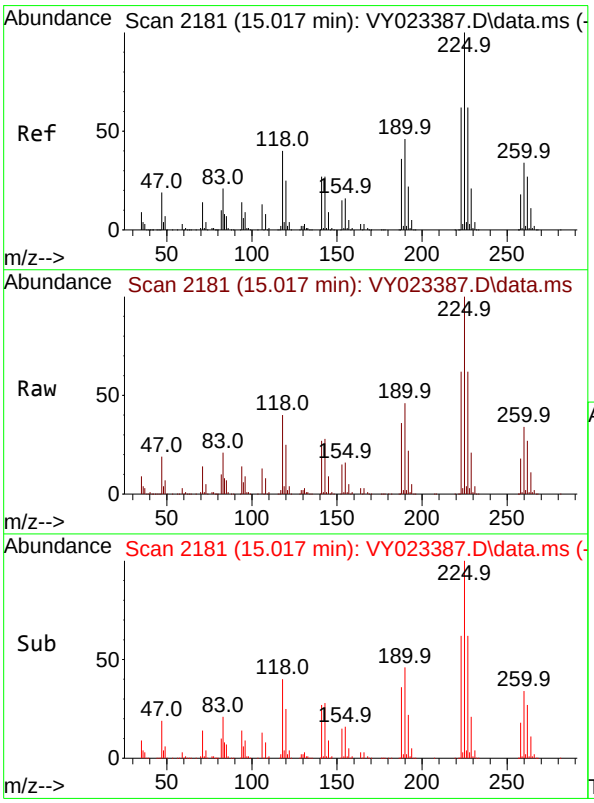
#93
1,2,4-Trichlorobenzene
Concen: 52.852 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 359833

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	29.4	14.7	44.1

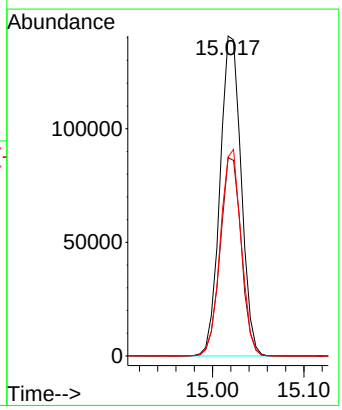


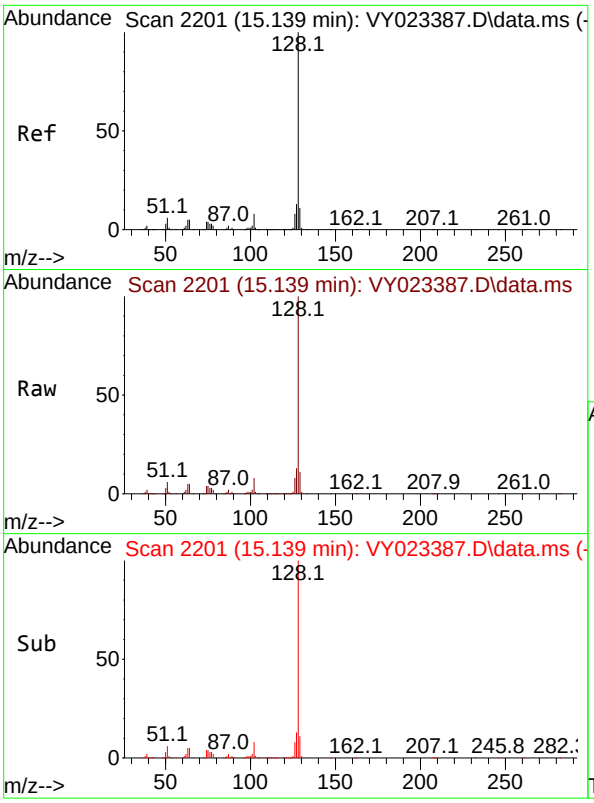


#94
Hexachlorobutadiene
Concen: 53.346 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:225 Resp: 226316

Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.8	92.3
227	63.8	31.9	95.7



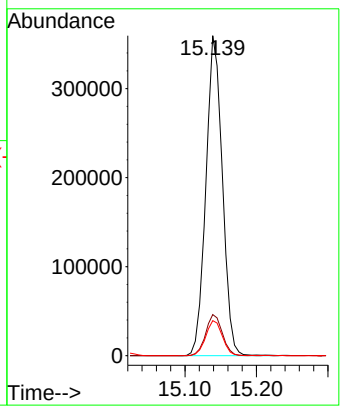


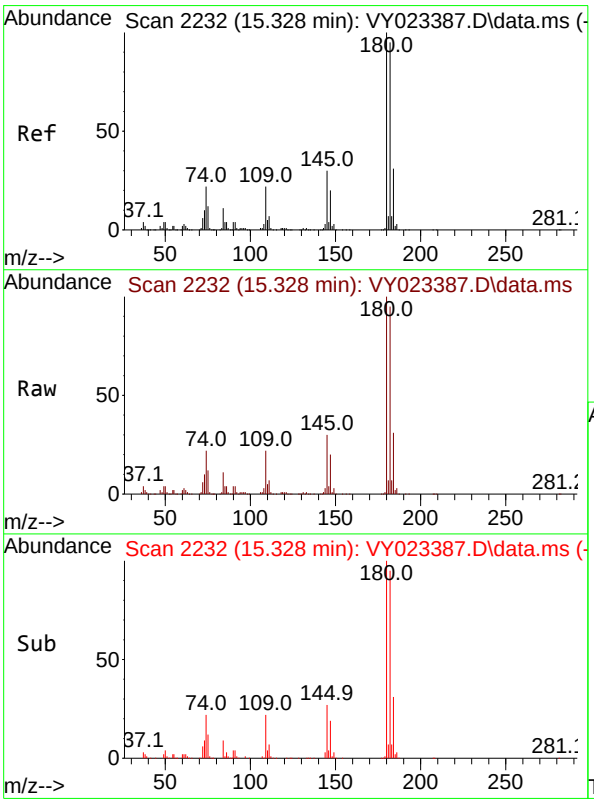
#95
Naphthalene
Concen: 53.012 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 575044

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

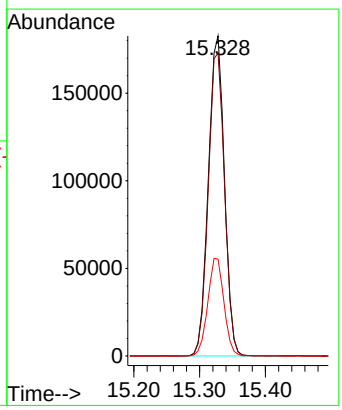




#96
1,2,3-Trichlorobenzene
Concen: 52.628 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023387.D
Acq: 07 Oct 2025 11:47

Tgt Ion:180 Resp: 310831

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	30.6	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	595770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	400285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	467005	90.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163			Recovery = 181.020%#		
35) Dibromofluoromethane	7.634	113	511478	98.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147			Recovery = 197.000%#		
50) Toluene-d8	10.103	98	1919872	98.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134			Recovery = 196.060%#		
62) 4-Bromofluorobenzene	12.401	95	636435	103.007	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143			Recovery = 206.020%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	368985	78.627	ug/l	96
3) Chloromethane	2.068	50	521606	78.195	ug/l	96
4) Vinyl Chloride	2.202	62	711235	84.438	ug/l	100
5) Bromomethane	2.586	94	574957	83.210	ug/l	99
6) Chloroethane	2.732	64	491625	85.968	ug/l	99
7) Trichlorofluoromethane	3.049	101	1012851	93.610	ug/l	99
8) Diethyl Ether	3.452	74	266779	94.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	511482	88.441	ug/l	100
10) Methyl Iodide	4.001	142	651575	97.495	ug/l	99
11) Tert butyl alcohol	4.866	59	172718	568.898	ug/l	99
12) 1,1-Dichloroethene	3.787	96	508059	91.303	ug/l	96
13) Acrolein	3.647	56	262636	510.573	ug/l	99
14) Allyl chloride	4.378	41	637073	91.446	ug/l	99
15) Acrylonitrile	5.055	53	522511	471.296	ug/l	100
16) Acetone	3.866	43	504700	435.004	ug/l	98
17) Carbon Disulfide	4.104	76	1442005	83.061	ug/l	99
18) Methyl Acetate	4.385	43	316911	107.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1300206	99.797	ug/l	97
20) Methylene Chloride	4.610	84	552018	87.742	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	569334	91.999	ug/l	96
22) Diisopropyl ether	6.018	45	1423347	92.133	ug/l	97
23) Vinyl Acetate	5.957	43	3975052	468.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	911619	89.517	ug/l	99
25) 2-Butanone	6.890	43	685693	478.154	ug/l	99
26) 2,2-Dichloropropane	6.884	77	833452	92.108	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	670773	95.557	ug/l	98
28) Bromochloromethane	7.244	49	321657	81.418	ug/l	99
29) Tetrahydrofuran	7.262	42	415867	488.587	ug/l	99
30) Chloroform	7.421	83	1003722	91.401	ug/l	100
31) Cyclohexane	7.701	56	767083	85.293	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	910837	92.399	ug/l	100
36) 1,1-Dichloropropene	7.835	75	692477	94.516	ug/l	99
37) Ethyl Acetate	6.982	43	280560	96.859	ug/l	98
38) Carbon Tetrachloride	7.817	117	833170	97.894	ug/l	99
39) Methylcyclohexane	9.109	83	947664	101.024	ug/l	99
40) Benzene	8.079	78	2192645	96.000	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	152239	101.200	ug/l		98
42) 1,2-Dichloroethane	8.158	62	554810	95.449	ug/l		100
43) Isopropyl Acetate	8.195	43	573653	101.815	ug/l		99
44) Trichloroethene	8.866	130	636149	99.245	ug/l		100
45) 1,2-Dichloropropane	9.140	63	485084	94.381	ug/l		99
46) Dibromomethane	9.231	93	309964	98.596	ug/l		99
47) Bromodichloromethane	9.420	83	769238	97.210	ug/l		99
48) Methyl methacrylate	9.219	41	282582	107.476	ug/l		99
49) 1,4-Dioxane	9.225	88	77305	2374.722	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	1539324	533.386	ug/l		100
52) Toluene	10.170	92	1462927	100.905	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	710475	104.537	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	822967	101.302	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	417623	99.875	ug/l		96
56) Ethyl methacrylate	10.438	69	549366	114.077	ug/l		99
57) 1,3-Dichloropropane	10.713	76	670961	99.140	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	1240361	588.731	ug/l		99
59) 2-Hexanone	10.755	43	1081568	541.284	ug/l		99
60) Dibromochloromethane	10.908	129	593878	104.133	ug/l		100
61) 1,2-Dibromoethane	11.011	107	406293	103.280	ug/l		99
64) Tetrachloroethene	10.646	164	767753	100.406	ug/l		99
65) Chlorobenzene	11.438	112	1655143	99.649	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	586878	100.470	ug/l		99
67) Ethyl Benzene	11.517	91	2788252	102.856	ug/l		98
68) m/p-Xylenes	11.627	106	2243033	206.437	ug/l		100
69) o-Xylene	11.950	106	1072335	106.611	ug/l		99
70) Styrene	11.969	104	1782757	107.344	ug/l		100
71) Bromoform	12.127	173	373208	106.727	ug/l	#	100
73) Isopropylbenzene	12.249	105	2741698	102.825	ug/l		100
74) N-amyl acetate	12.066	43	532255	106.818	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	434720	97.735	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	594072	150.456	ug/l	#	100
77) Bromobenzene	12.529	156	701741	102.545	ug/l		100
78) n-propylbenzene	12.590	91	3165894	100.958	ug/l		99
79) 2-Chlorotoluene	12.676	91	1800124	99.426	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2219080	102.374	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	148302	101.273	ug/l		98
82) 4-Chlorotoluene	12.773	91	1854165	98.060	ug/l		99
83) tert-Butylbenzene	12.993	119	2028198	102.684	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	2227197	103.853	ug/l		100
85) sec-Butylbenzene	13.170	105	2932949	102.530	ug/l		100
86) p-Isopropyltoluene	13.285	119	2548220	105.408	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	1361716	100.735	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	1323618	98.734	ug/l		100
89) n-Butylbenzene	13.615	91	2223744	104.174	ug/l		99
90) Hexachloroethane	13.877	117	514746	98.069	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1193043	101.146	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	70107	99.458	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	806328	116.031	ug/l		99
94) Hexachlorobutadiene	15.017	225	470072	108.557	ug/l		99
95) Naphthalene	15.139	128	1378291	124.485	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	693477	115.034	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

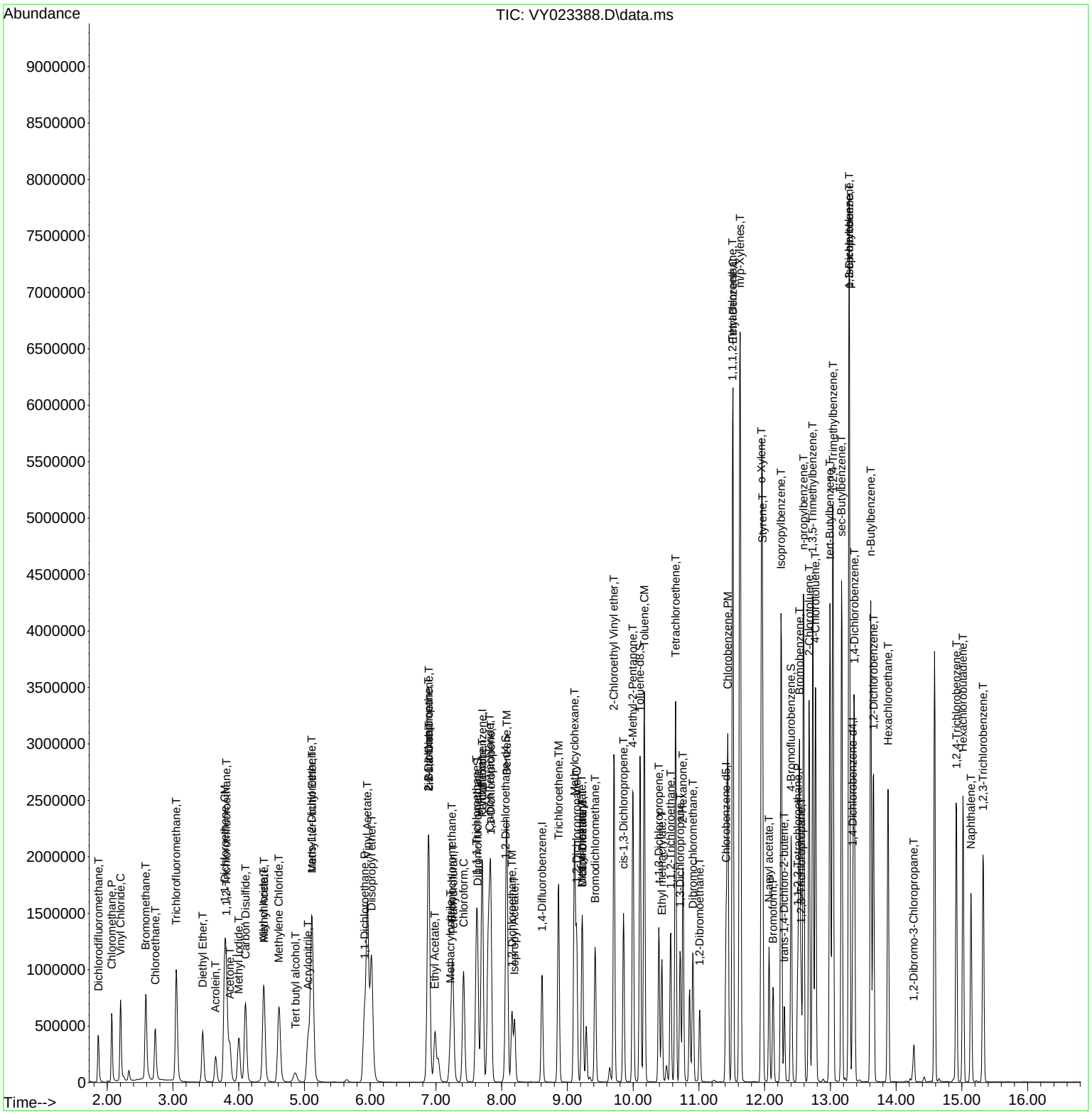
(#) = qualifier out of range (m) = manual integration (+) = signals summed

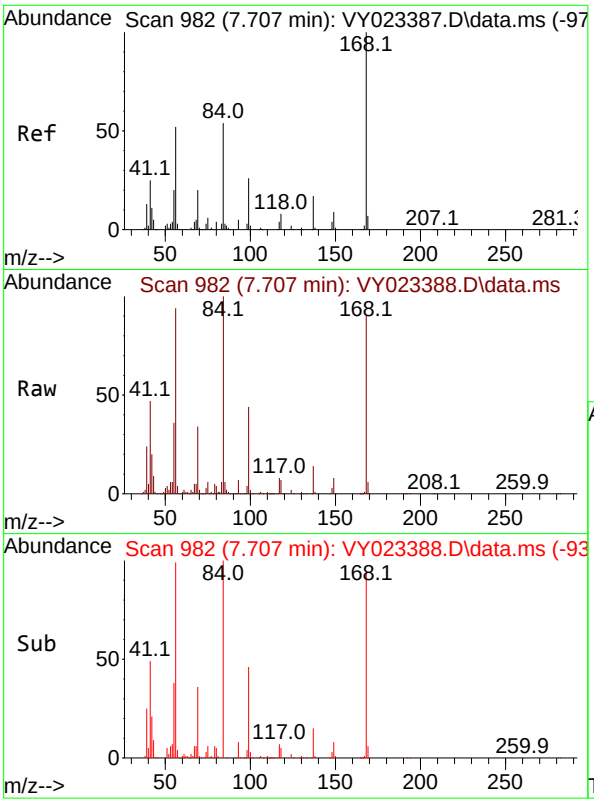
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



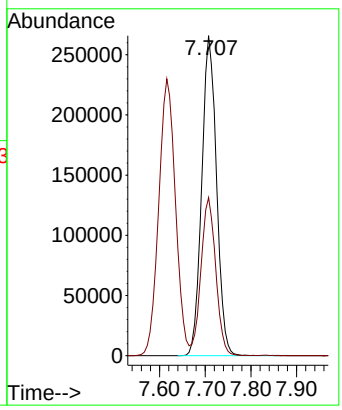


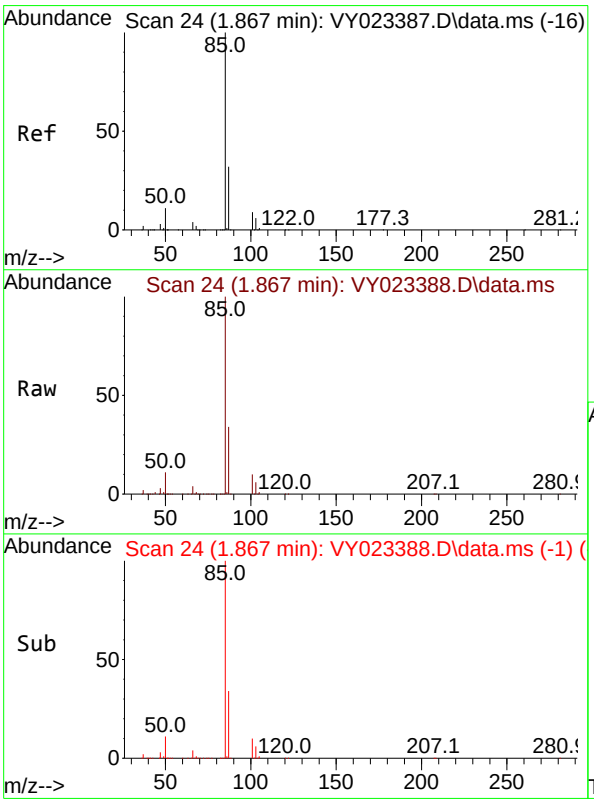
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 595770

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.7	59.5

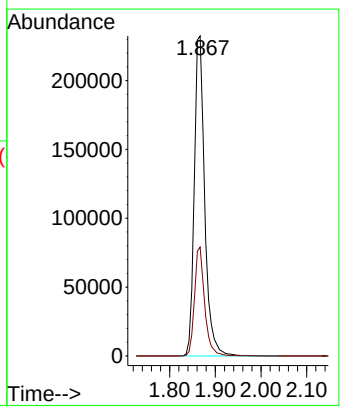


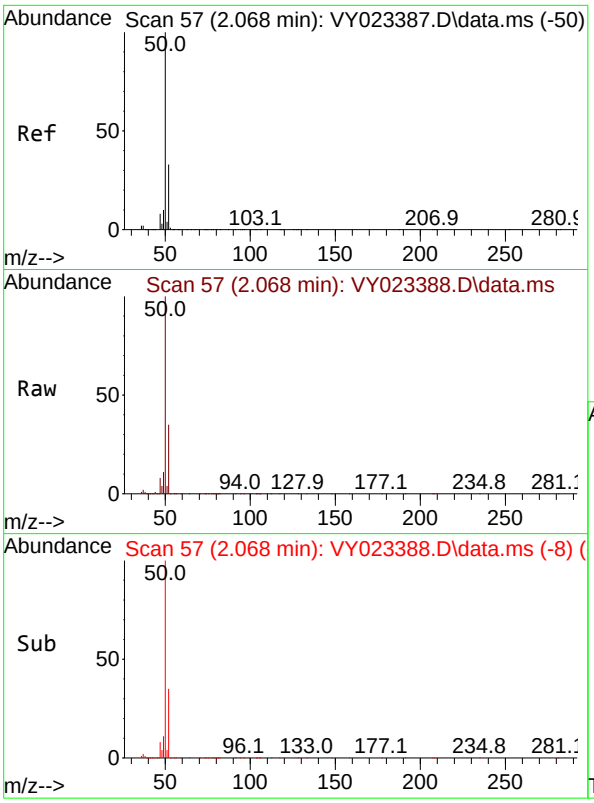


#2
Dichlorodifluoromethane
Concen: 78.627 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 85 Resp: 368985

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.0	47.9



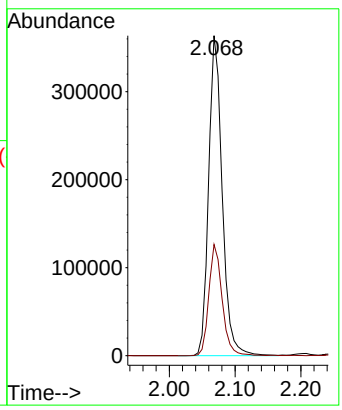


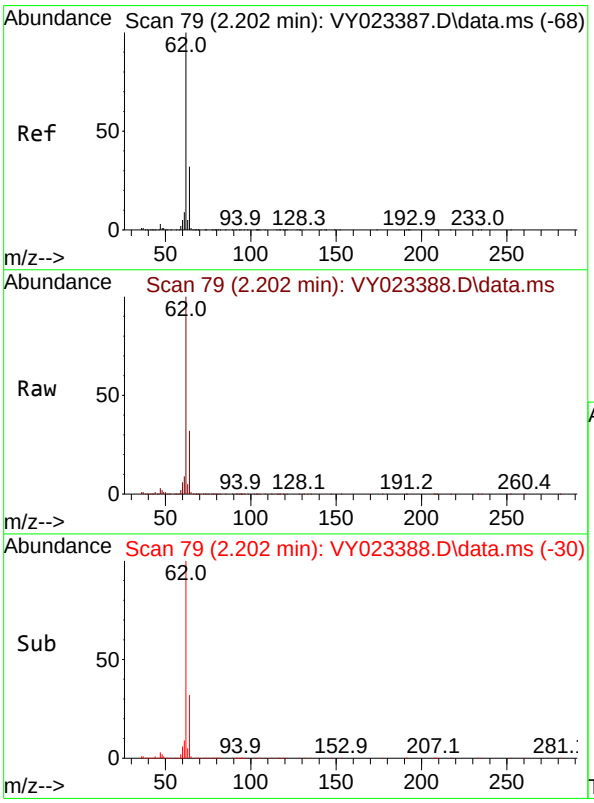
#3
Chloromethane
Concen: 78.195 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 521606

Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.2	39.2

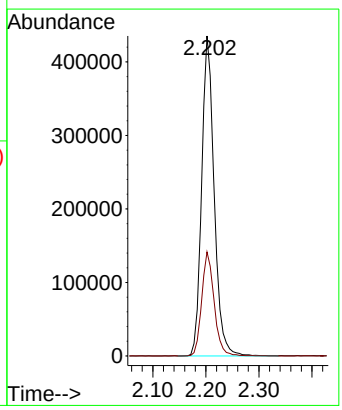


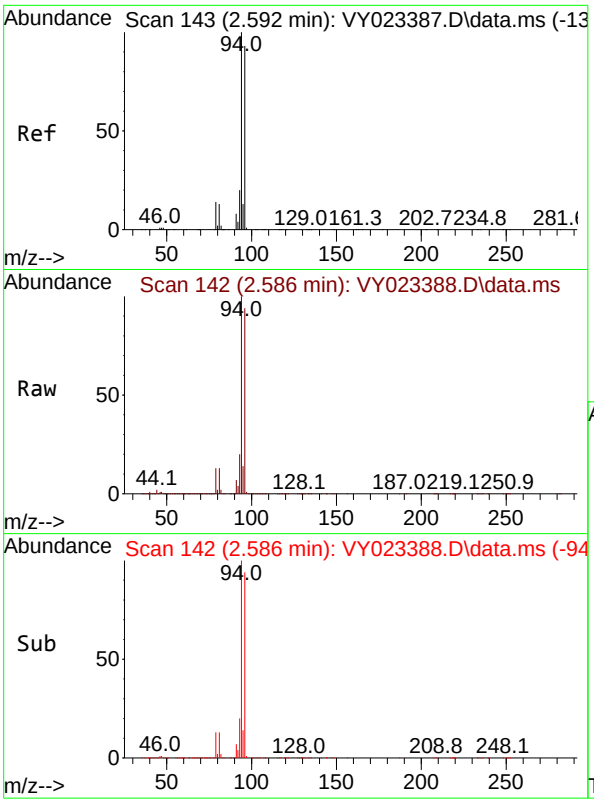


#4
Vinyl Chloride
Concen: 84.438 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 711235

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



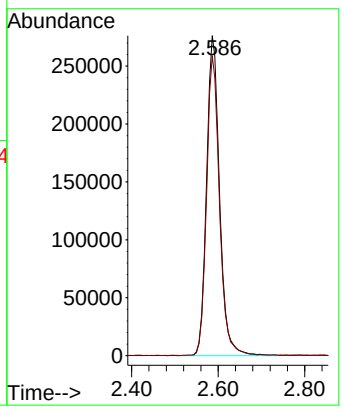


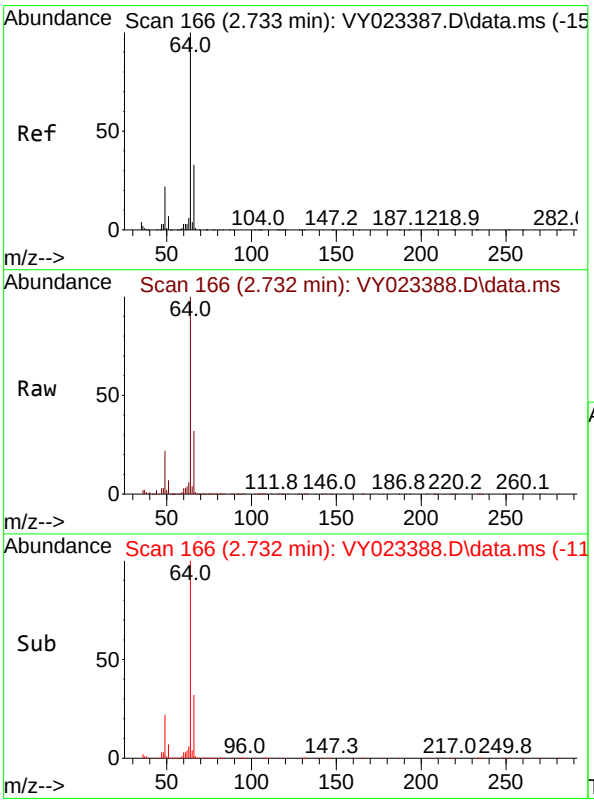
#5
Bromomethane
Concen: 83.210 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 574957

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.5	111.7

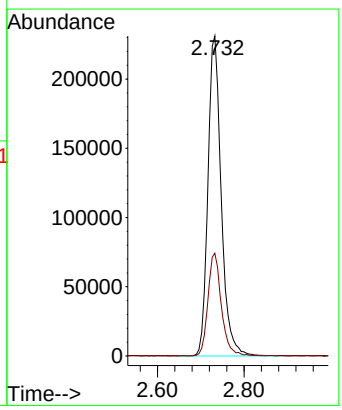


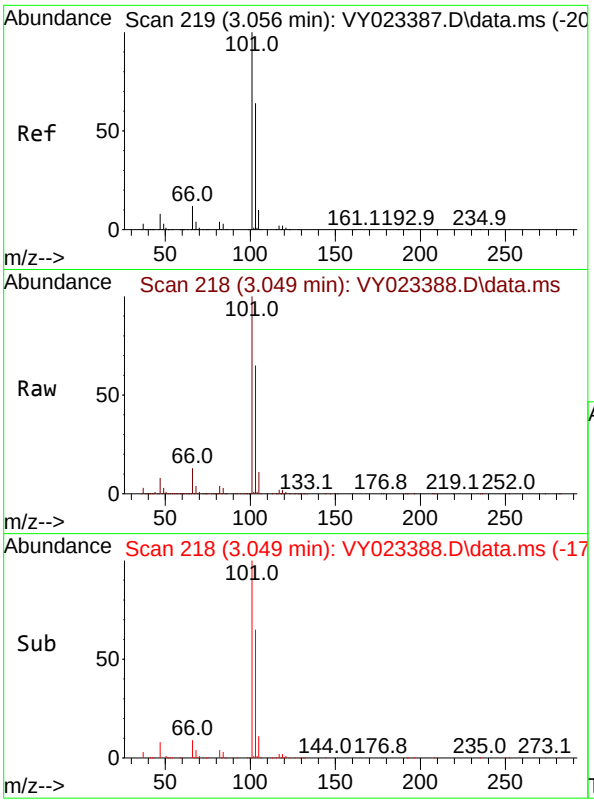


#6
Chloroethane
Concen: 85.968 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 64 Resp: 491625

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4



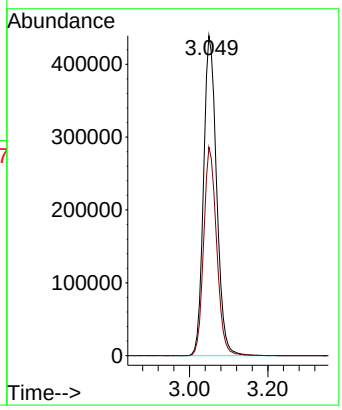


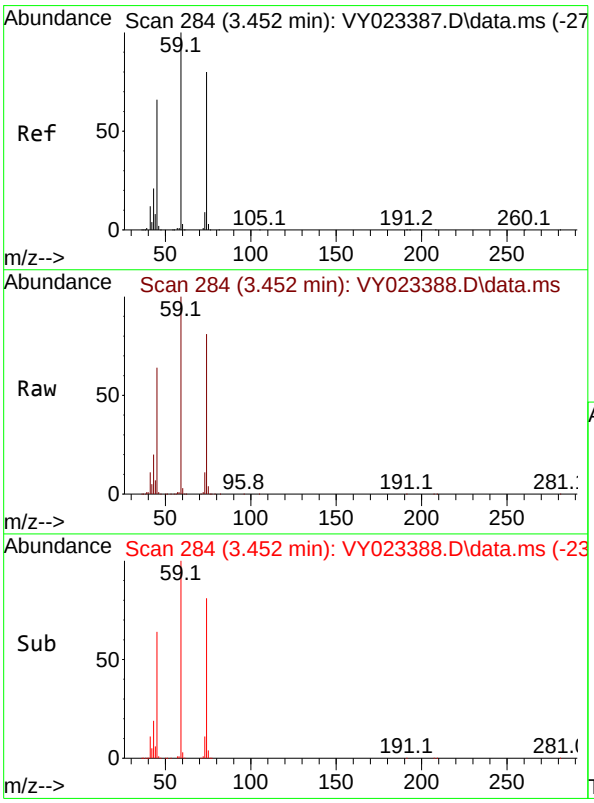
#7
Trichlorofluoromethane
Concen: 93.610 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 1012851

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

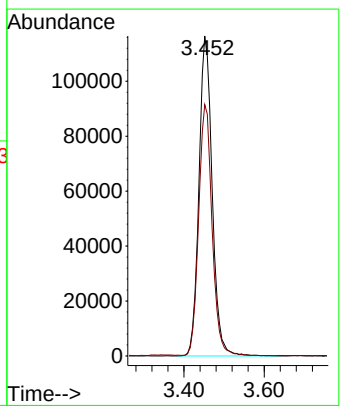


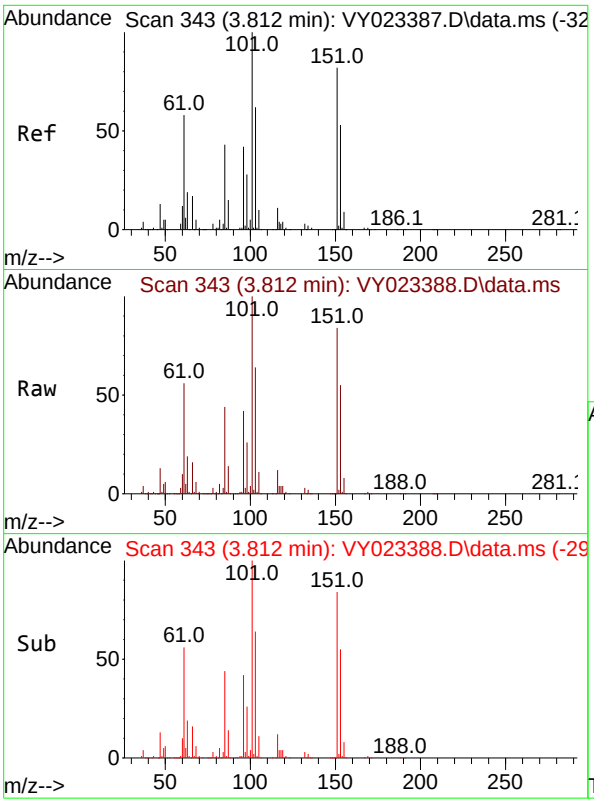


#8
Diethyl Ether
Concen: 94.266 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 74 Resp: 266779

Ion	Ratio	Lower	Upper
74	100		
45	79.9	39.9	119.7



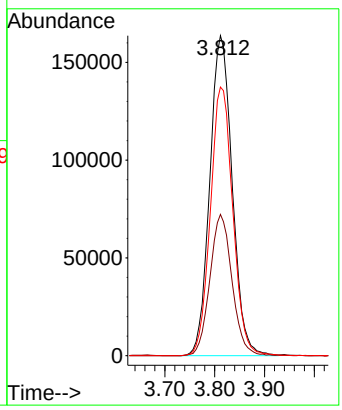


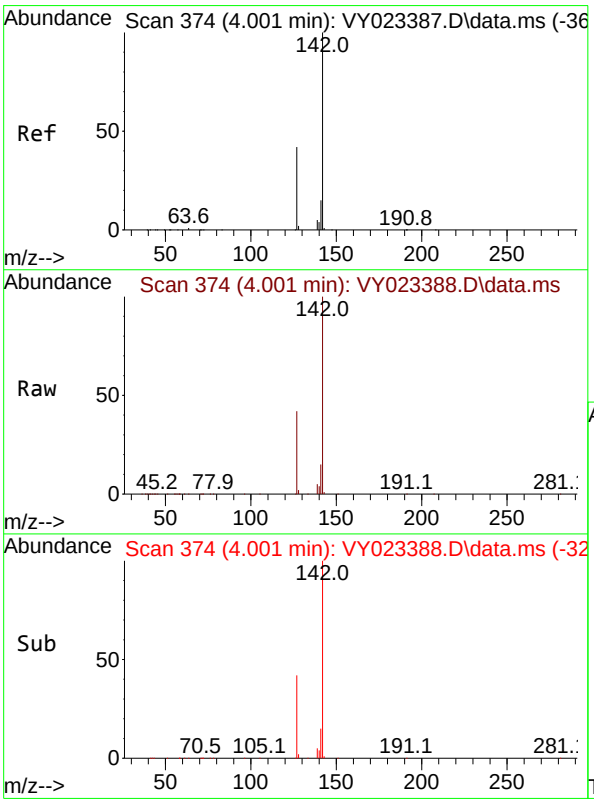
#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.441 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 511482

Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.6	51.8
151	84.1	67.0	100.6

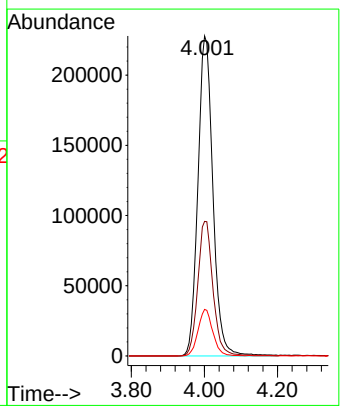


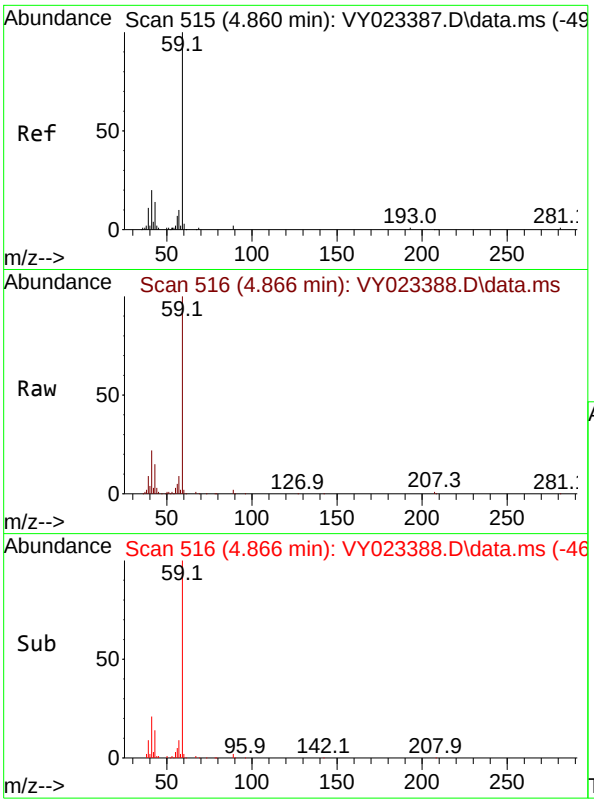


#10
Methyl Iodide
Concen: 97.495 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:142 Resp: 651575

Ion	Ratio	Lower	Upper
142	100		
127	42.7	34.8	52.2
141	14.3	11.6	17.4



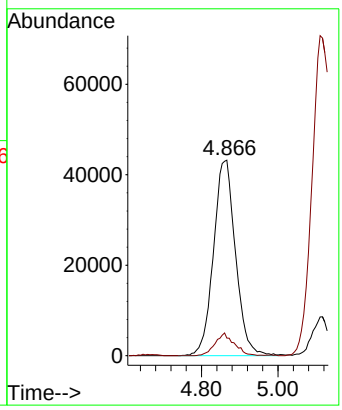


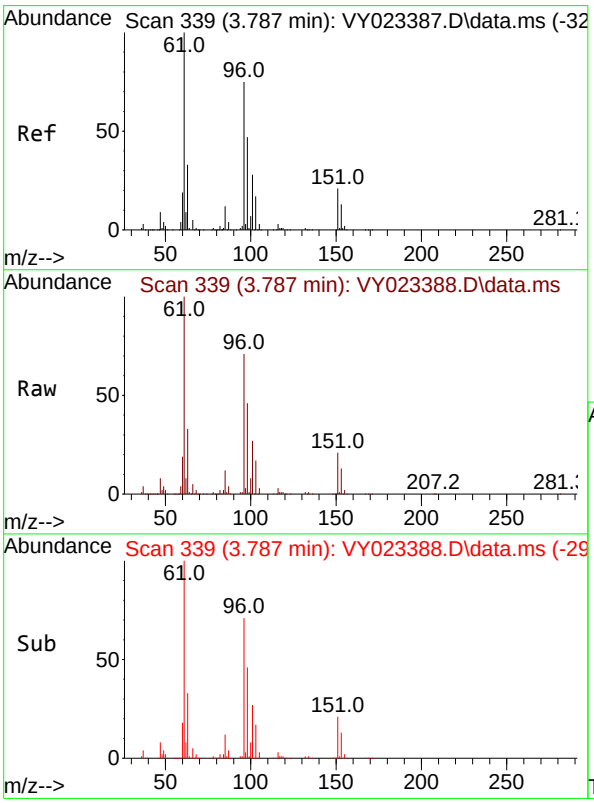
#11
Tert butyl alcohol
Concen: 568.898 ug/l
RT: 4.866 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 172718

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

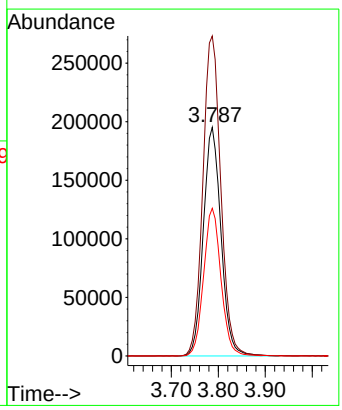


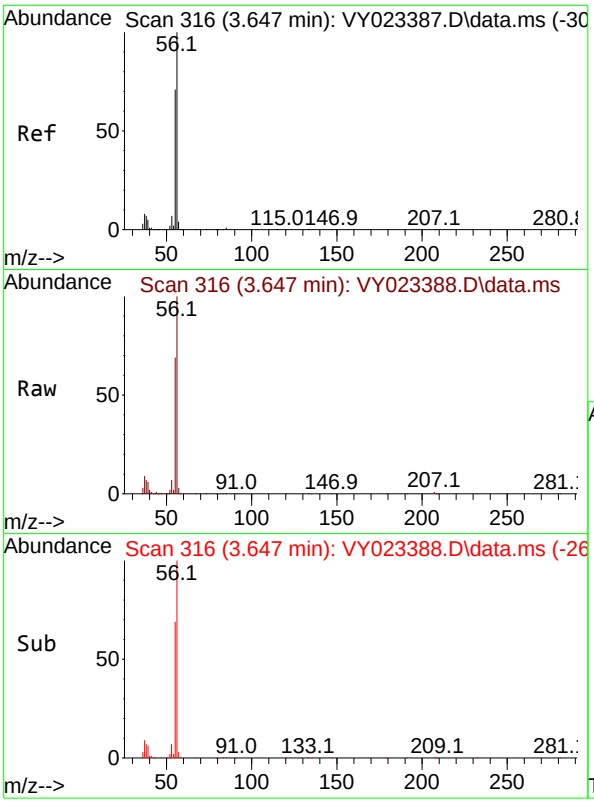


#12
1,1-Dichloroethene
Concen: 91.303 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 96 Resp: 508059

Ion	Ratio	Lower	Upper
96	100		
61	139.9	106.7	160.1
98	64.6	50.2	75.4



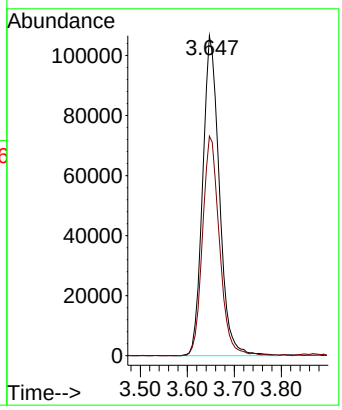


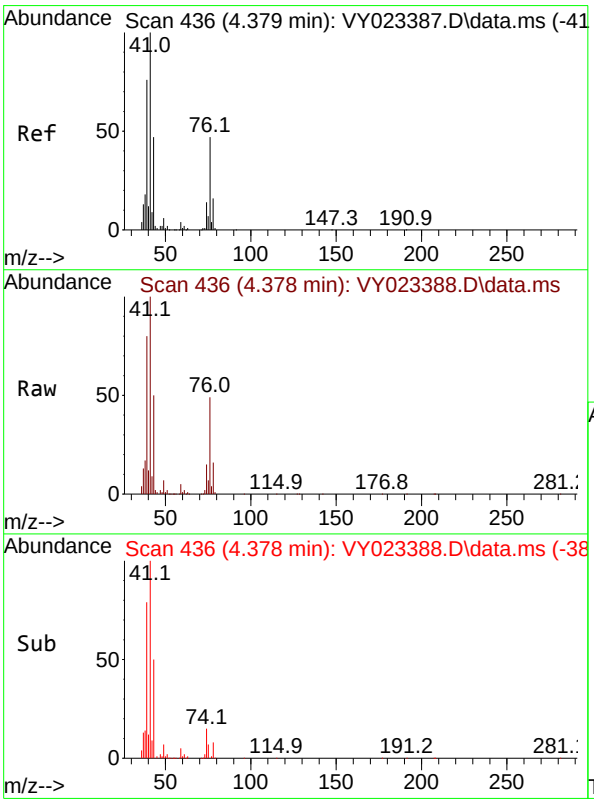
#13
Acrolein
Concen: 510.573 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 262636

Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.1	84.1

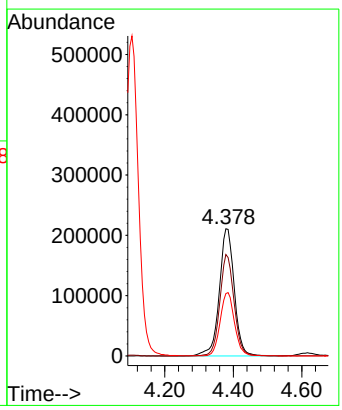


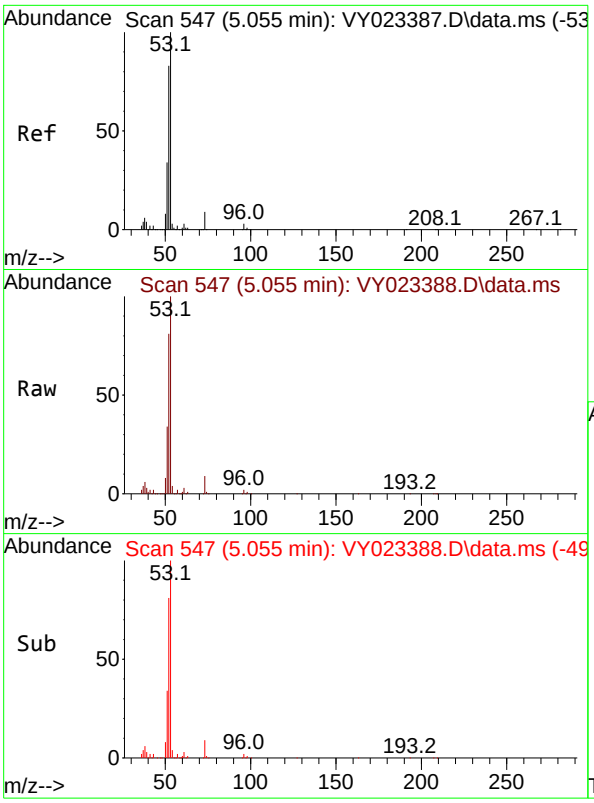


#14
Allyl chloride
Concen: 91.446 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 637073

Ion	Ratio	Lower	Upper
41	100		
39	75.8	59.9	89.9
76	47.5	38.0	57.0



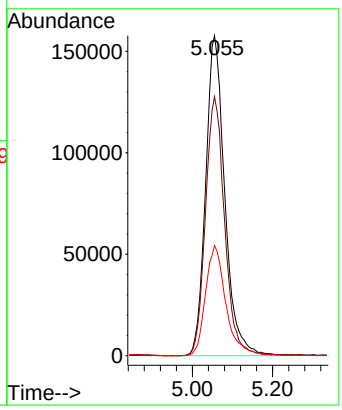


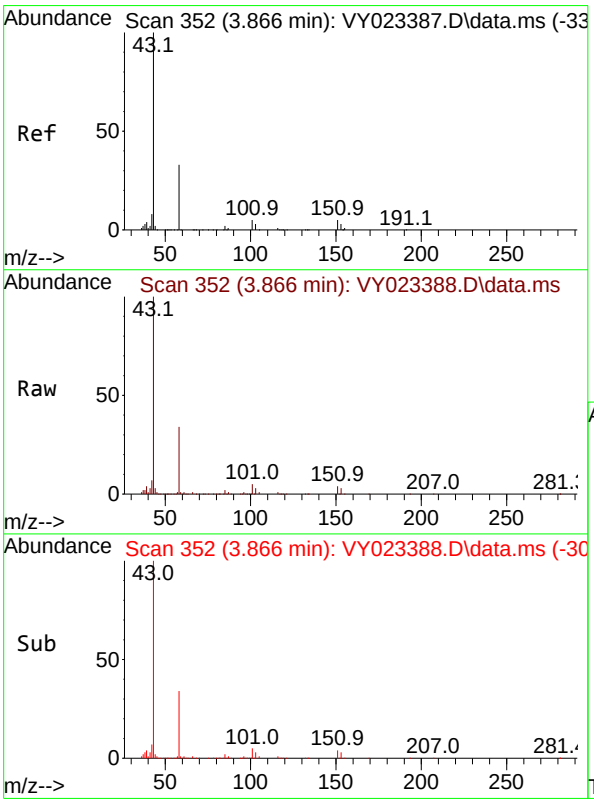
#15
Acrylonitrile
Concen: 471.296 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 522511

Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.6	97.0
51	36.7	29.5	44.3

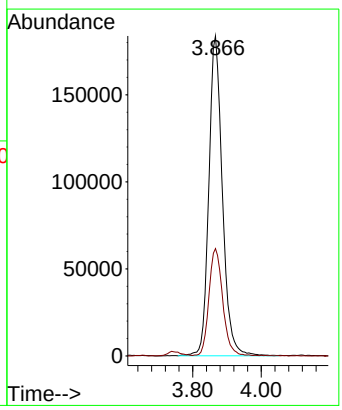


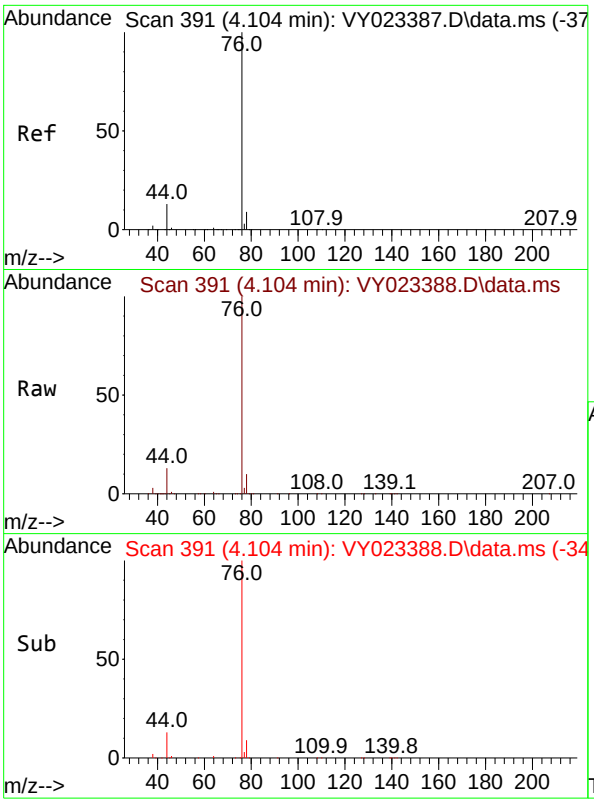


#16
Acetone
Concen: 435.004 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 504700

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.7	41.5



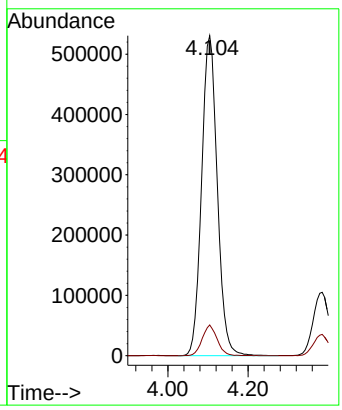


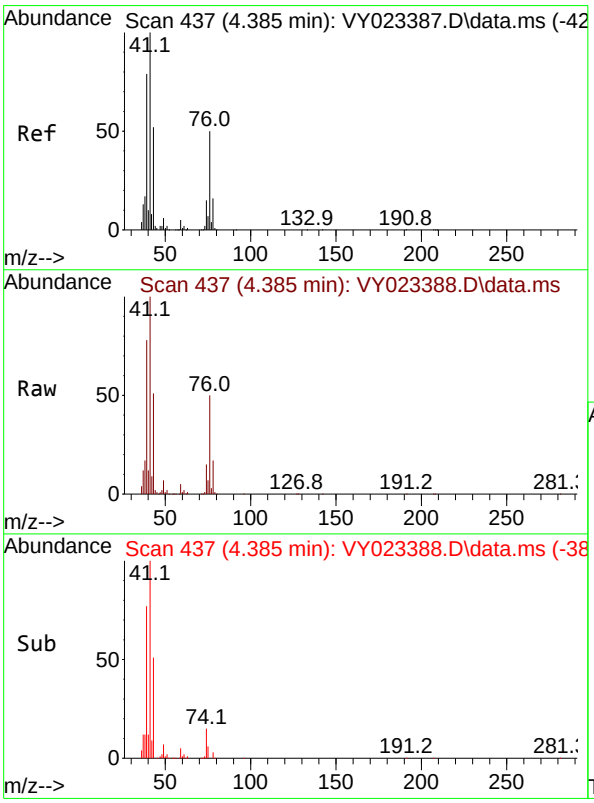
#17
Carbon Disulfide
Concen: 83.061 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 1442005

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

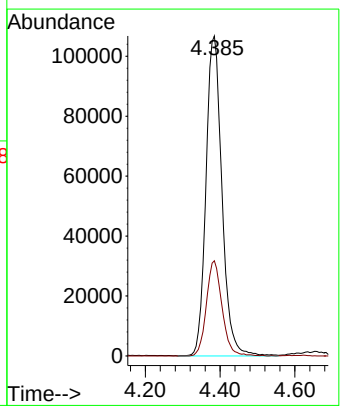


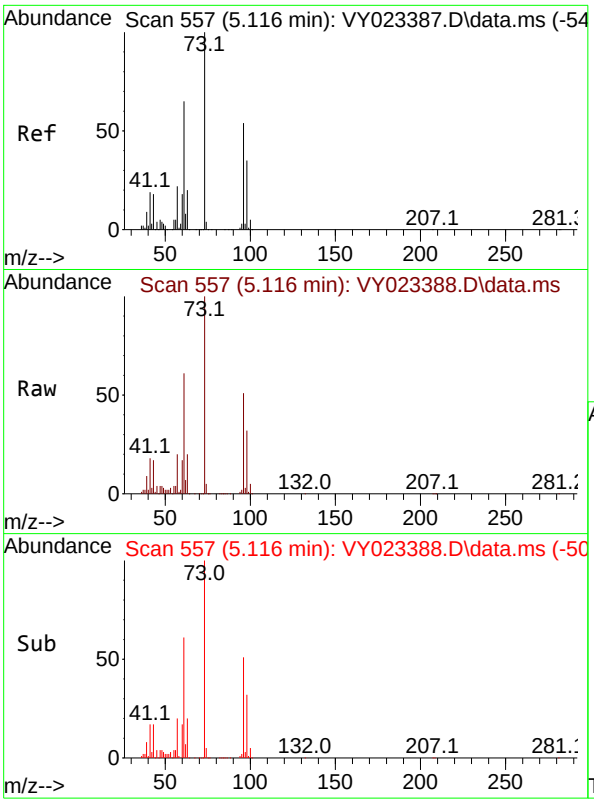


#18
Methyl Acetate
Concen: 107.474 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 316911

Ion	Ratio	Lower	Upper
43	100		
74	29.1	24.2	36.4



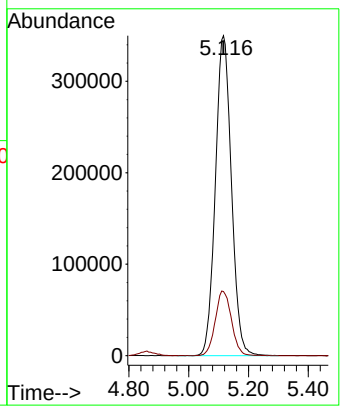


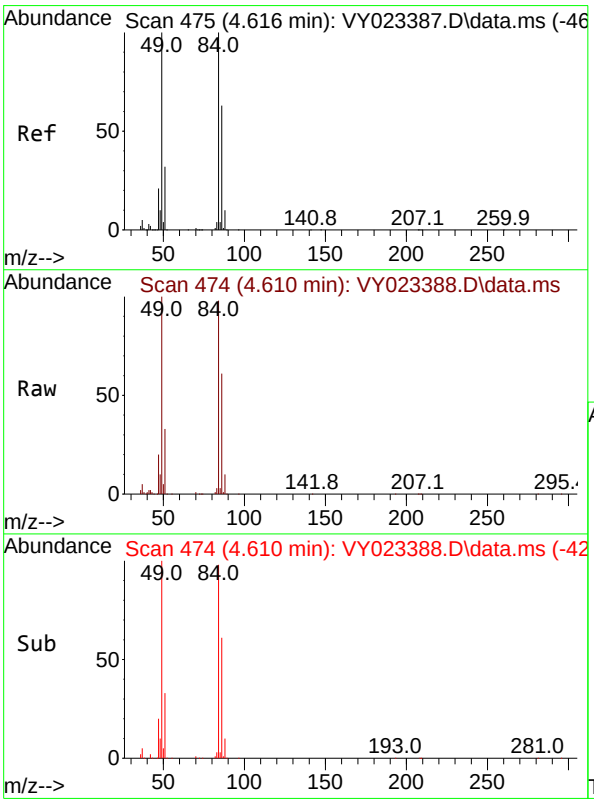
#19
Methyl tert-butyl Ether
Concen: 99.797 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 1300206

Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.0

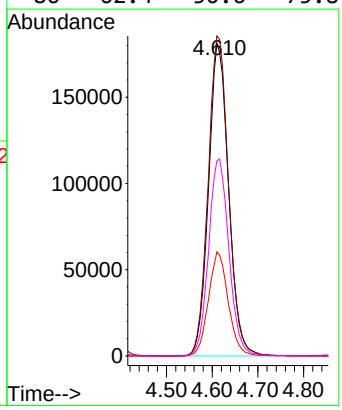


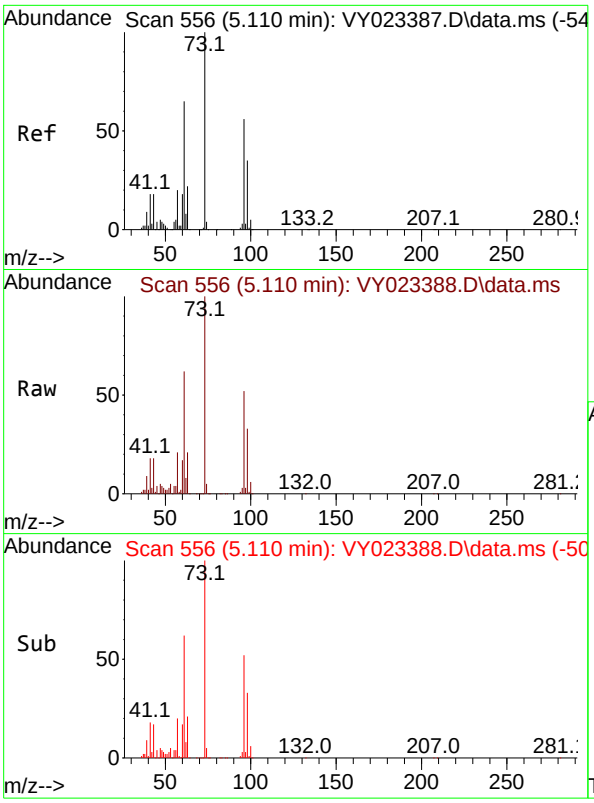


#20
Methylene Chloride
Concen: 87.742 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 84 Resp: 552018

Ion	Ratio	Lower	Upper
84	100		
49	102.4	80.2	120.4
51	33.3	25.9	38.9
86	62.4	50.6	75.8



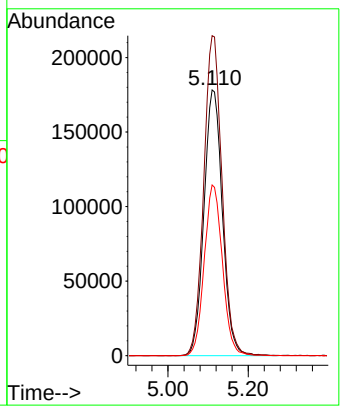


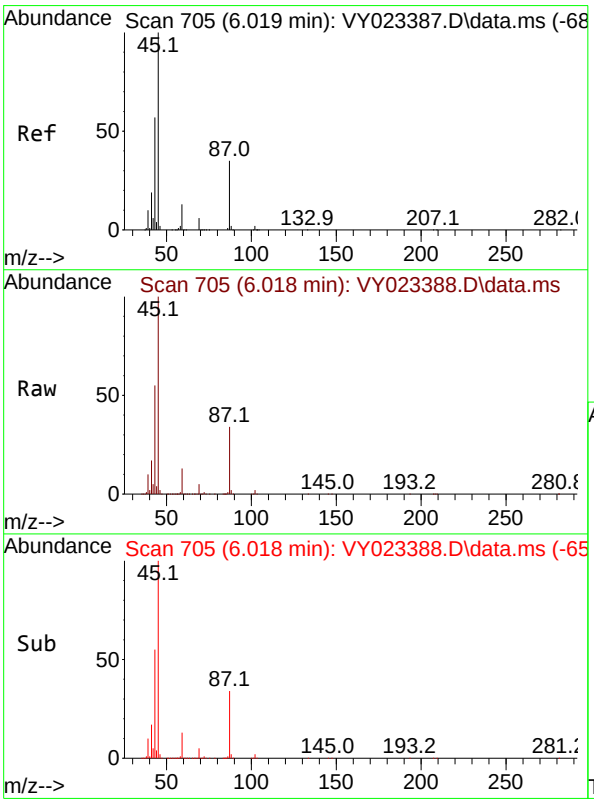
#21
trans-1,2-Dichloroethene
Concen: 91.999 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 569334

Ion	Ratio	Lower	Upper
96	100		
61	120.4	92.7	139.1
98	64.2	49.7	74.5

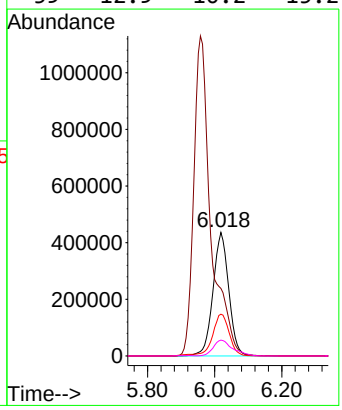


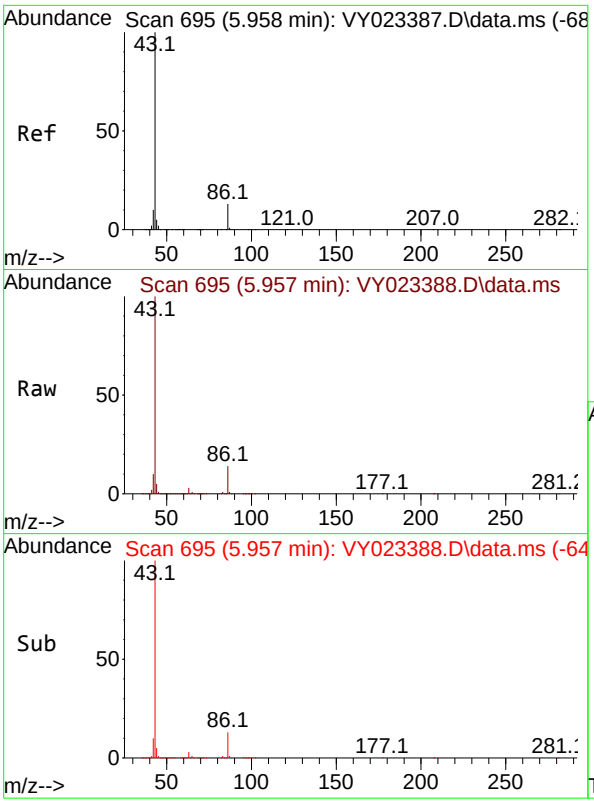


#22
Diisopropyl ether
Concen: 92.133 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 45 Resp: 1423347

Ion	Ratio	Lower	Upper
45	100		
43	54.4	45.6	68.4
87	33.8	28.1	42.1
59	12.9	10.2	15.2



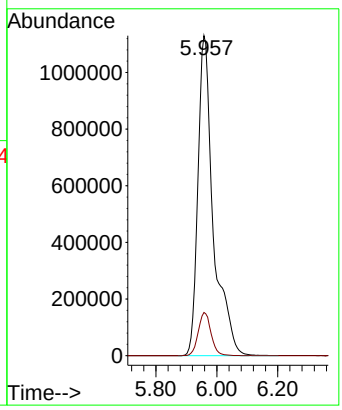


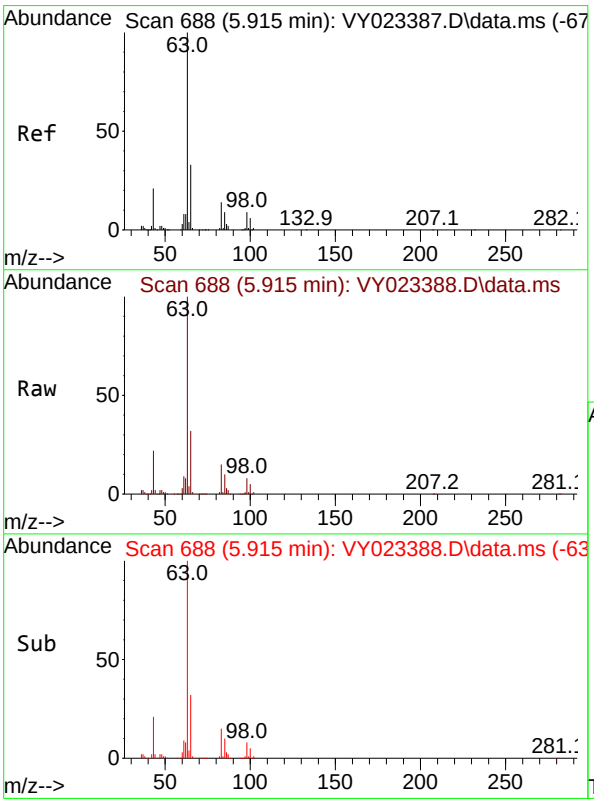
#23
Vinyl Acetate
Concen: 468.098 ug/l
RT: 5.957 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3975052

Ion	Ratio	Lower	Upper
43	100		
86	13.5	10.6	15.8

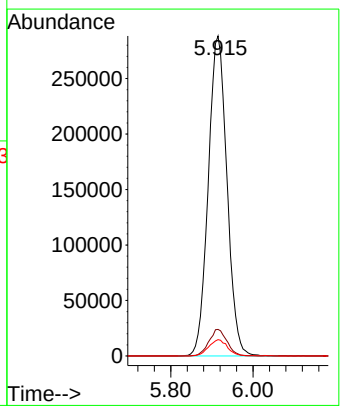


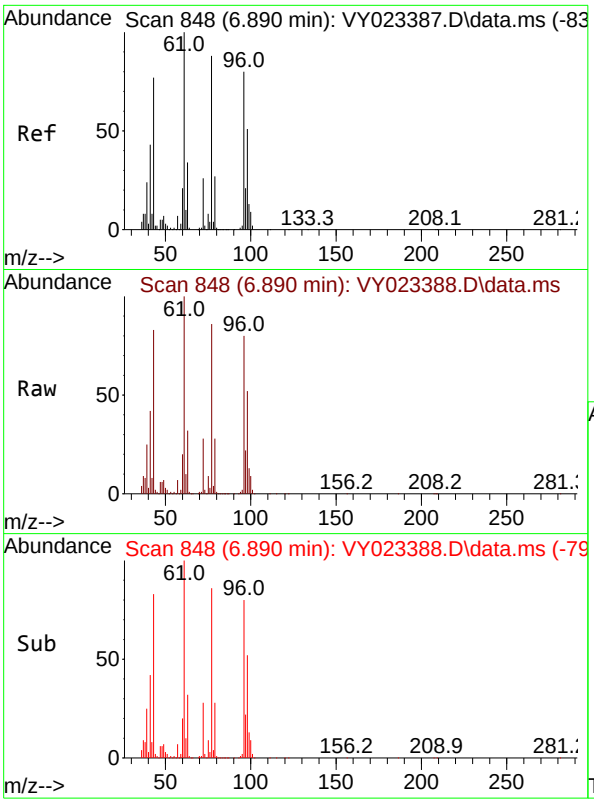


#24
1,1-Dichloroethane
Concen: 89.517 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 911619

Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.3	13.1
100	5.1	2.8	8.4



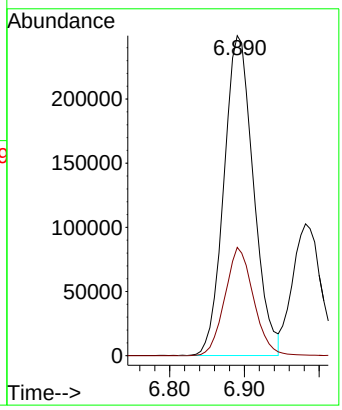


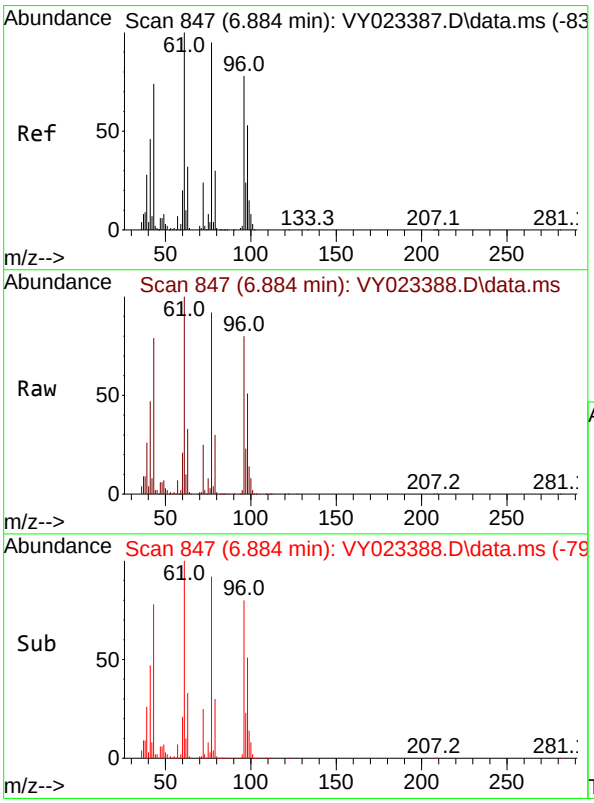
#25
2-Butanone
Concen: 478.154 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 685693

Ion	Ratio	Lower	Upper
43	100		
72	33.9	27.4	41.2

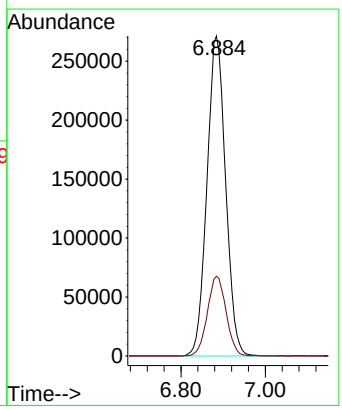


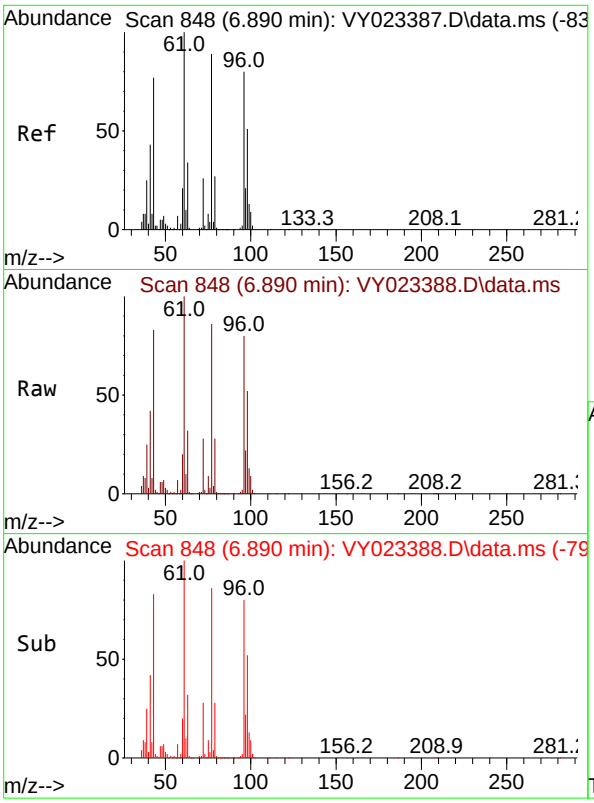


#26
2,2-Dichloropropane
Concen: 92.108 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 77 Resp: 833452

Ion	Ratio	Lower	Upper
77	100		
97	25.0	12.1	36.3



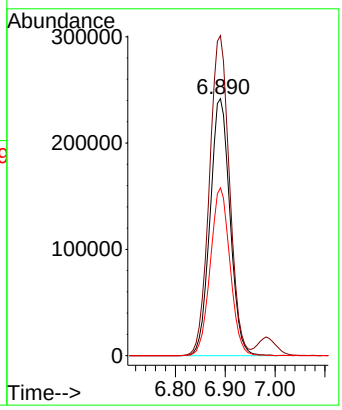


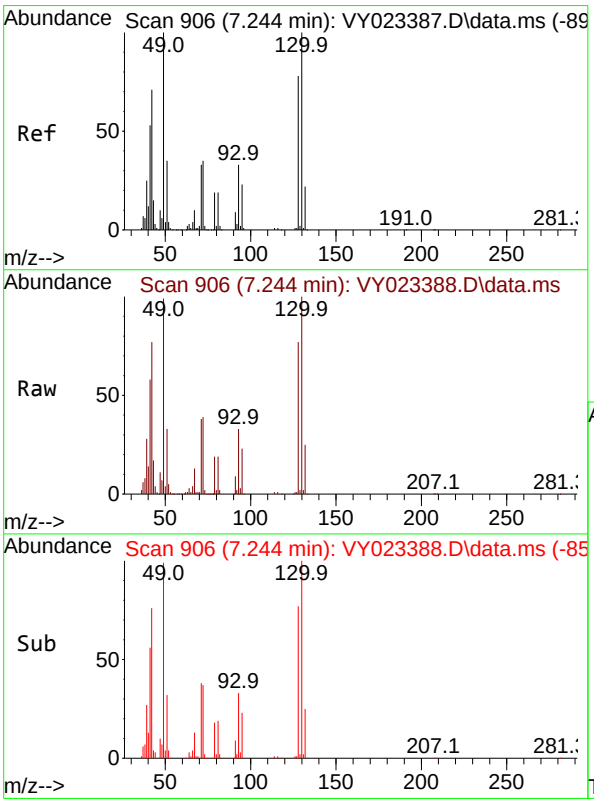
#27
cis-1,2-Dichloroethene
Concen: 95.557 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 670773

Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	258.2
98	64.7	0.0	132.0

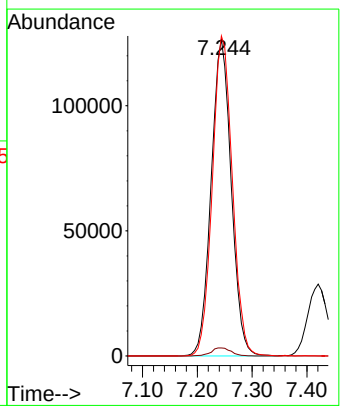


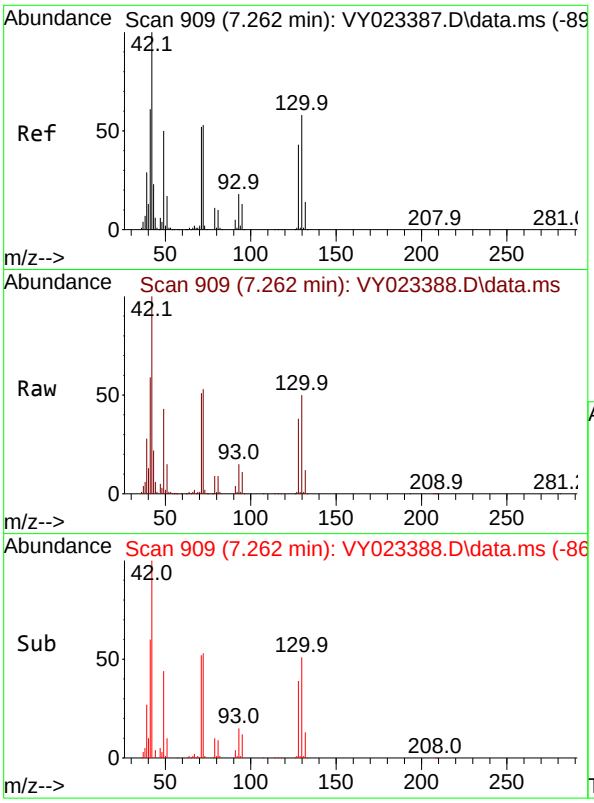


#28
Bromochloromethane
Concen: 81.418 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 49 Resp: 321657

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	100.9	81.9	122.9



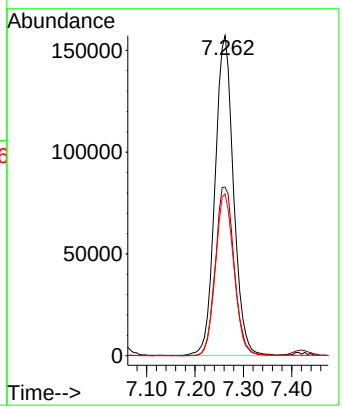


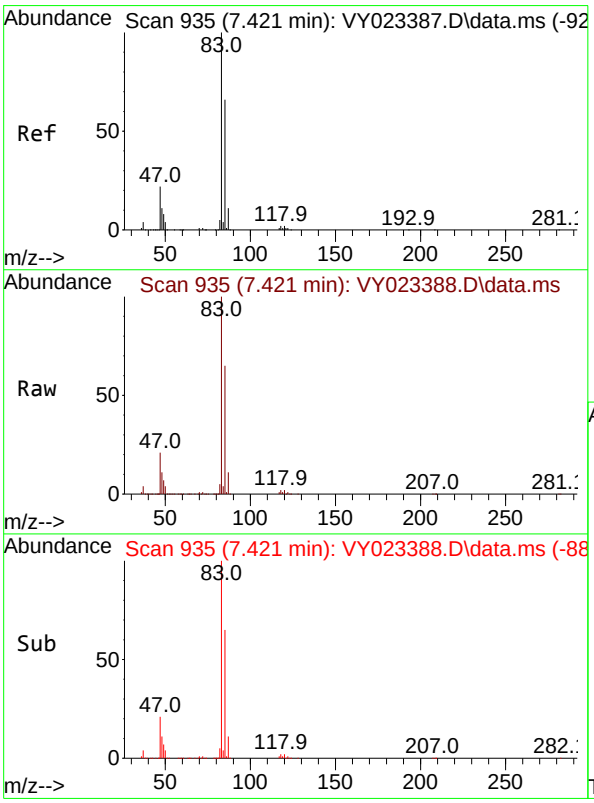
#29
Tetrahydrofuran
Concen: 488.587 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 415867

Ion	Ratio	Lower	Upper
42	100		
72	54.1	43.0	64.6
71	50.9	40.1	60.1

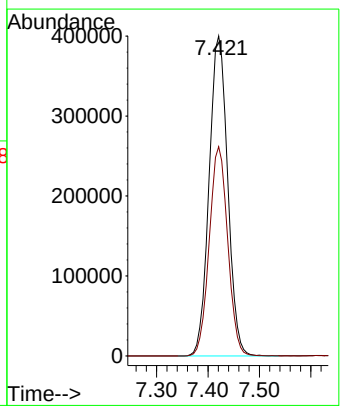


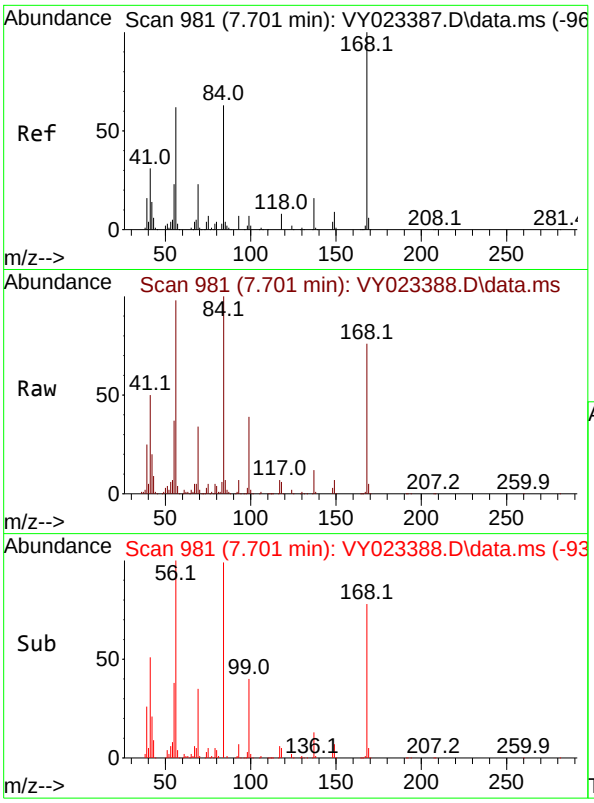


#30
Chloroform
Concen: 91.401 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 1003722

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7



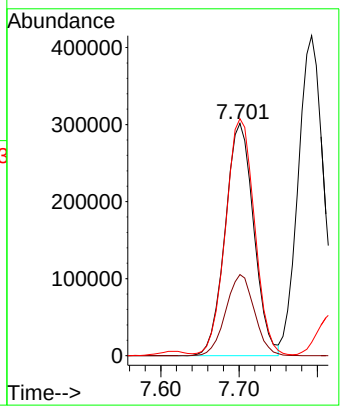


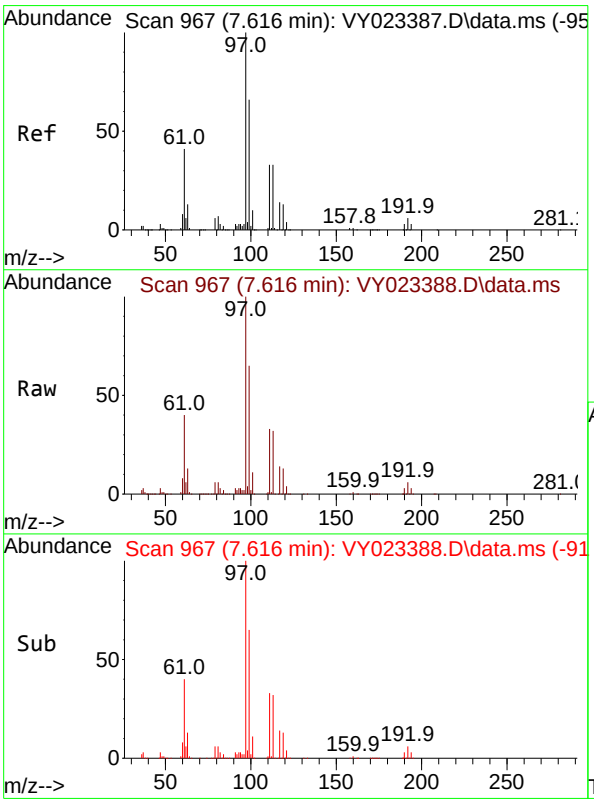
#31
Cyclohexane
Concen: 85.293 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 767083

Ion	Ratio	Lower	Upper
56	100		
69	34.9	30.0	45.0
84	100.2	81.2	121.8

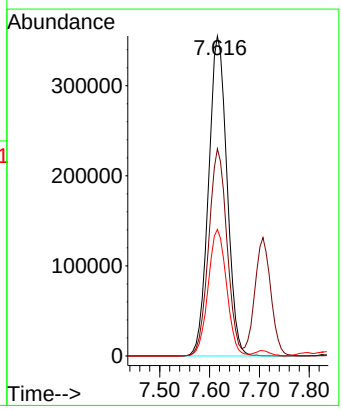


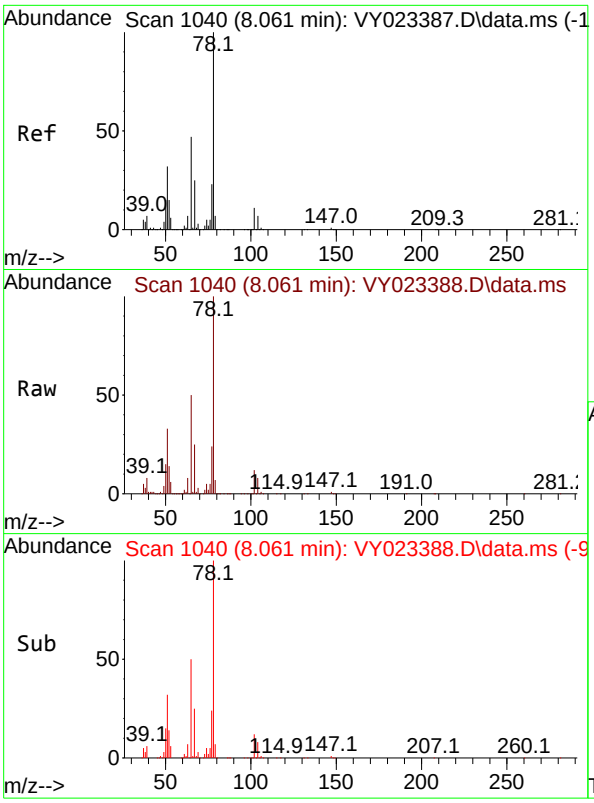


#32
1,1,1-Trichloroethane
Concen: 92.399 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 97 Resp: 910837

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.7	31.9	47.9



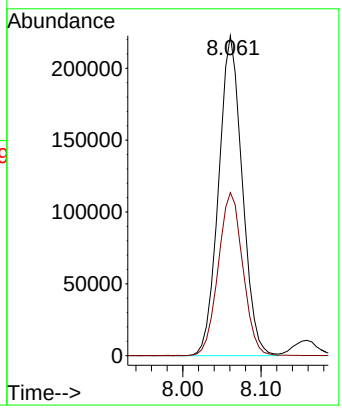


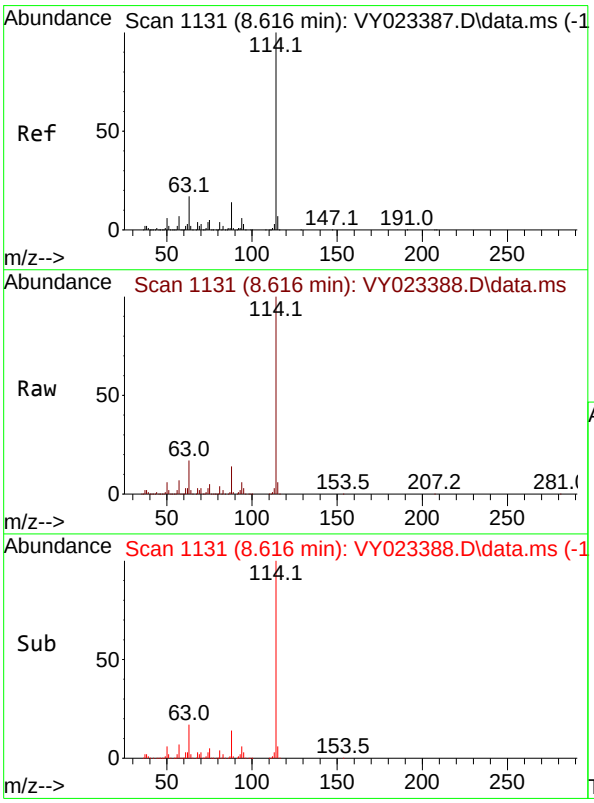
#33
1,2-Dichloroethane-d4
Concen: 90.510 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 467005

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8

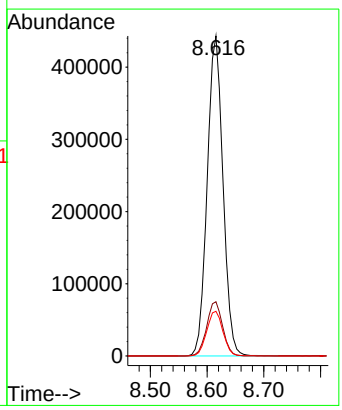


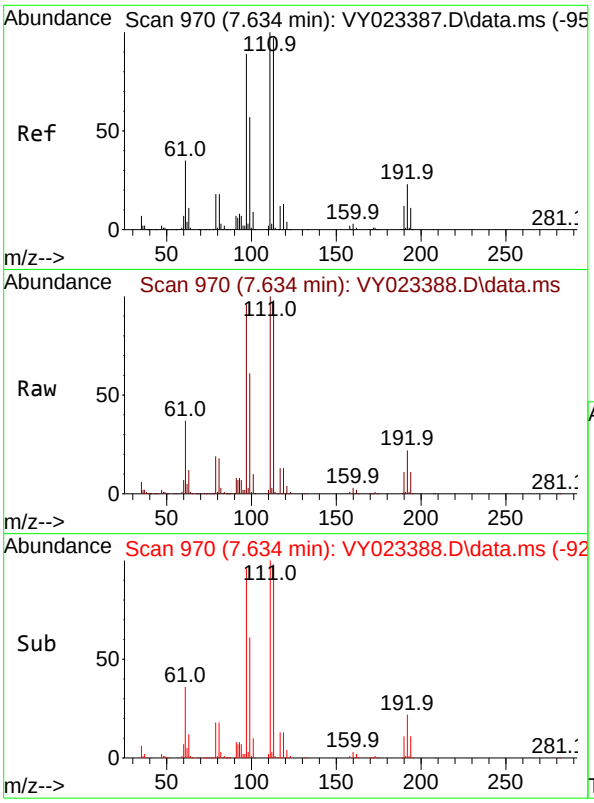


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:114 Resp: 855682

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	13.9	0.0	28.4



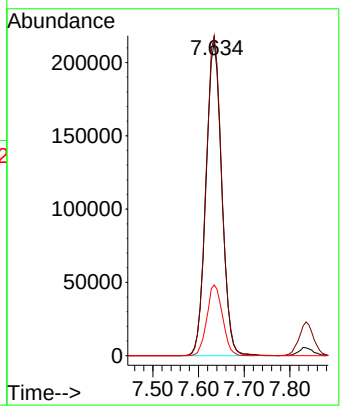


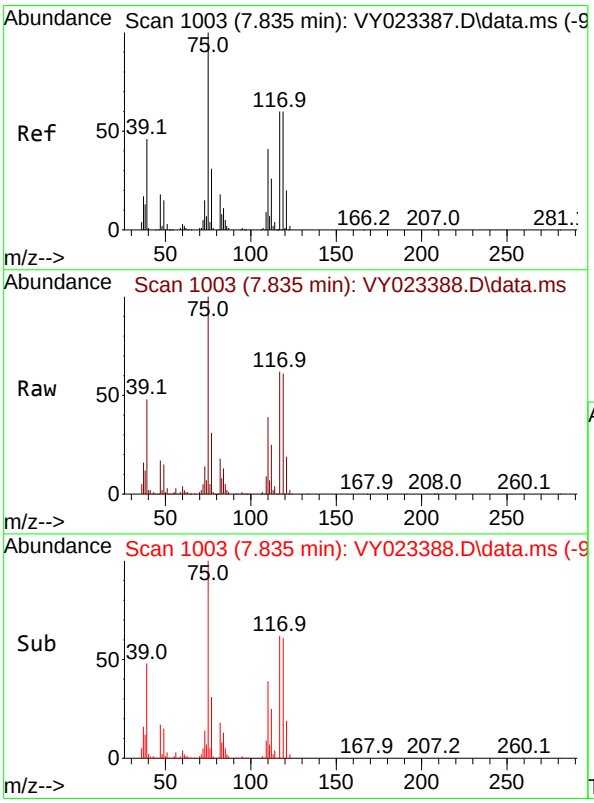
#35
Dibromofluoromethane
Concen: 98.497 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 511478

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.5	18.0	27.0

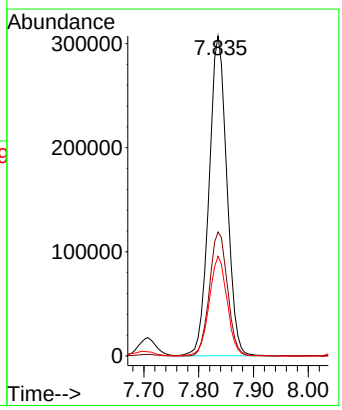


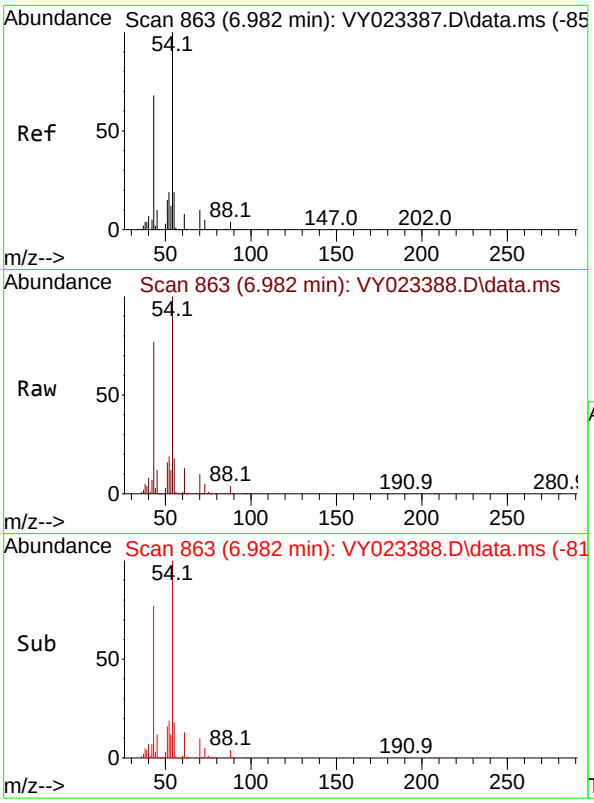


#36
1,1-Dichloropropene
Concen: 94.516 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 692477

Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.9	59.7
77	31.4	25.0	37.6



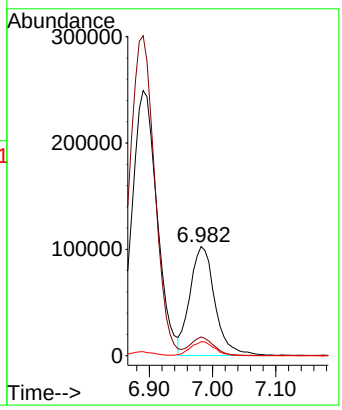


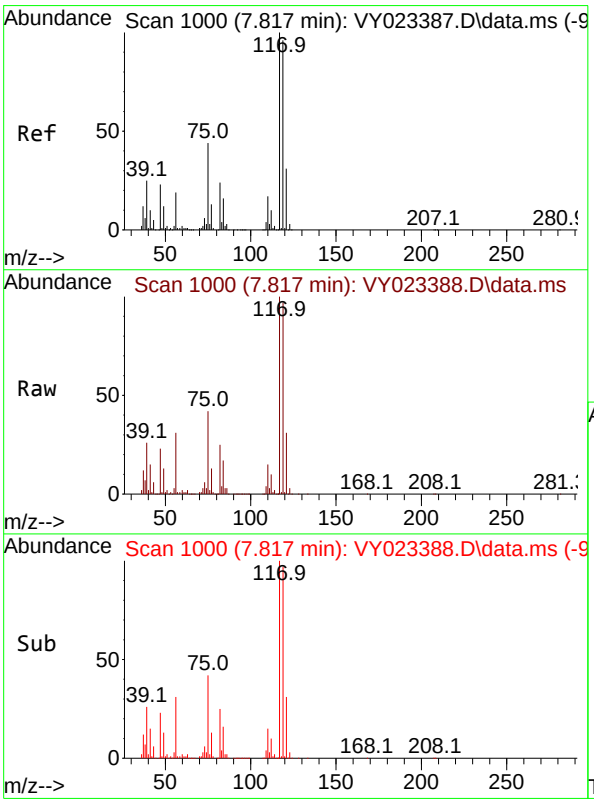
#37
Ethyl Acetate
Concen: 96.859 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 280560

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	12.4	10.5	15.7

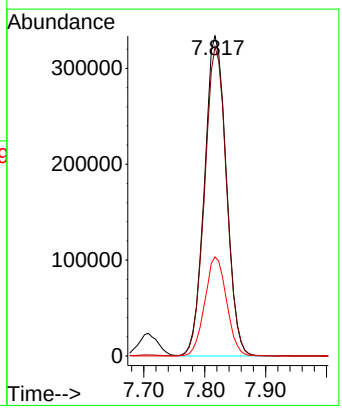


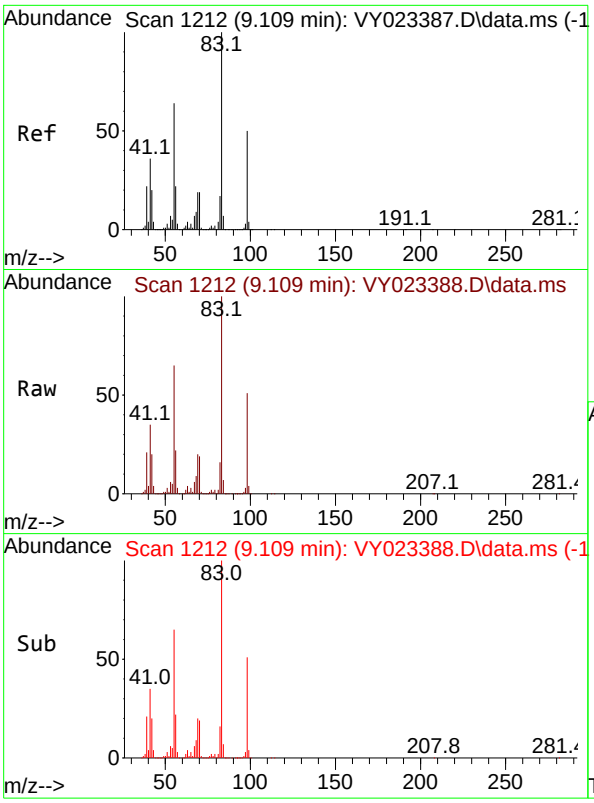


#38
Carbon Tetrachloride
Concen: 97.894 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:117 Resp: 833170

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
121	30.9	24.5	36.7



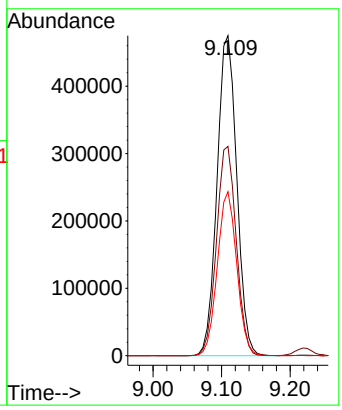


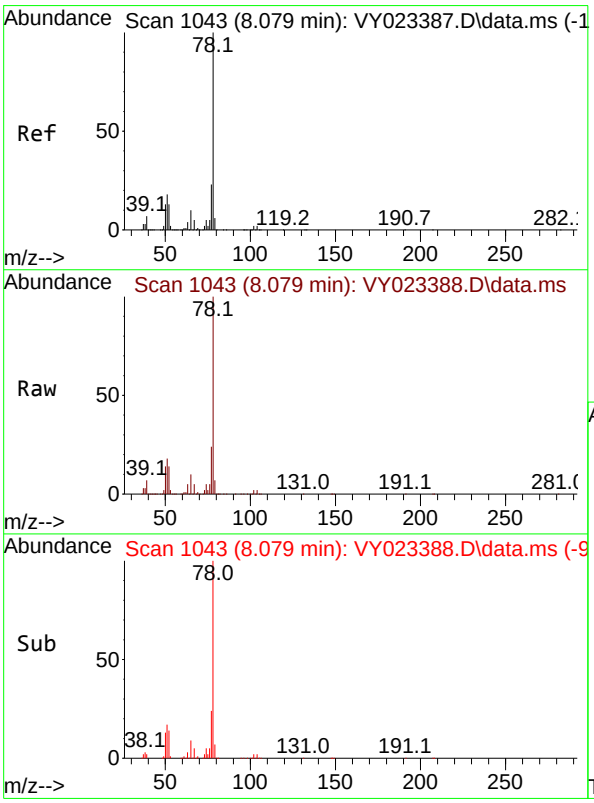
#39
Methylcyclohexane
Concen: 101.024 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 947664

Ion	Ratio	Lower	Upper
83	100		
55	65.4	51.4	77.2
98	51.3	40.4	60.6

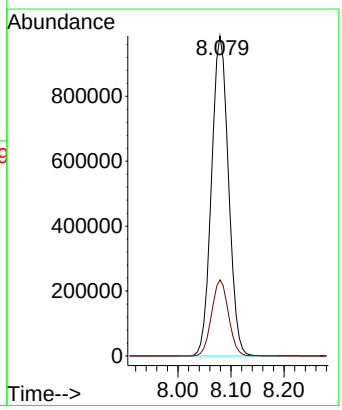


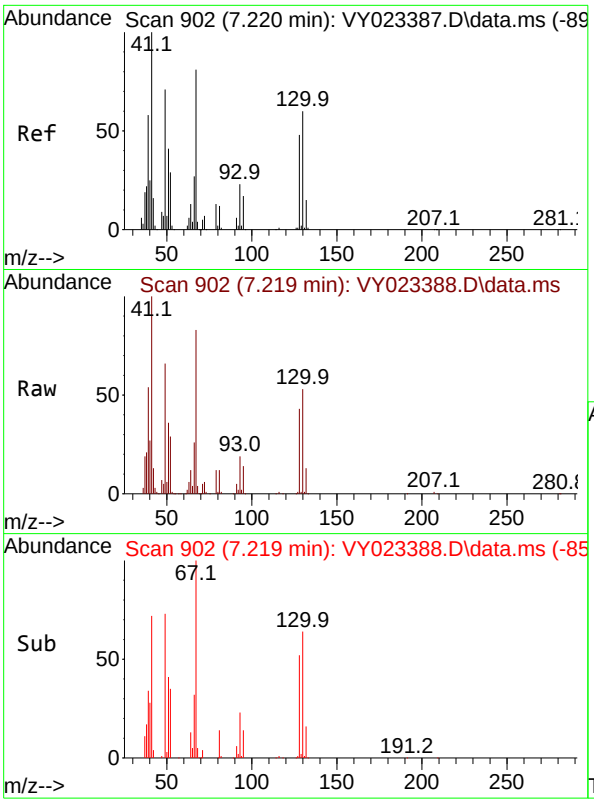


#40
Benzene
Concen: 96.000 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 78 Resp: 2192645

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5



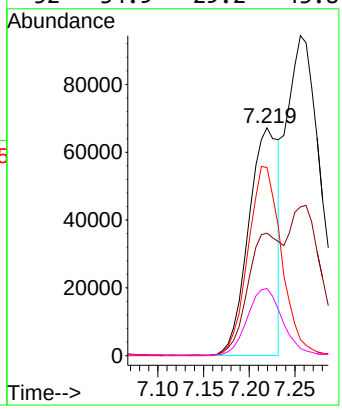


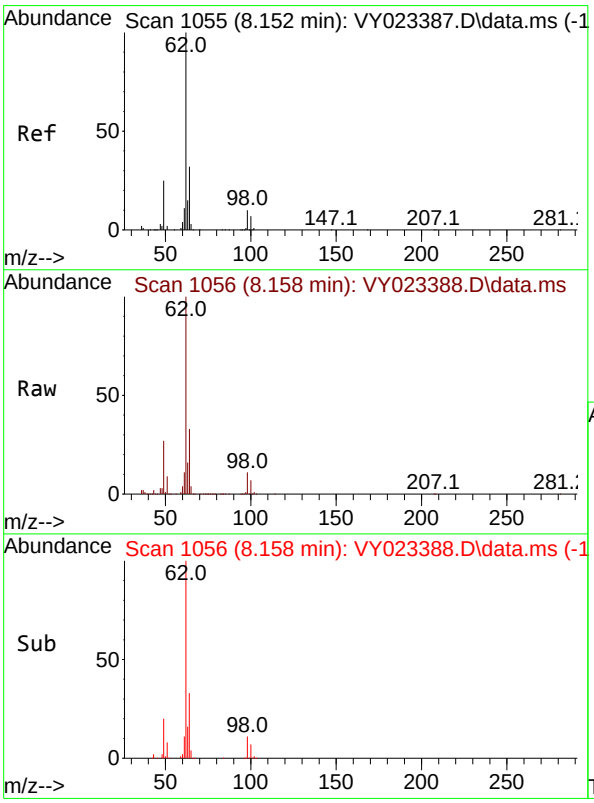
#41
Methacrylonitrile
Concen: 101.200 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 152239

Ion	Ratio	Lower	Upper
41	100		
39	62.6	52.2	78.4
67	93.9	74.9	112.3
52	34.9	29.2	43.8

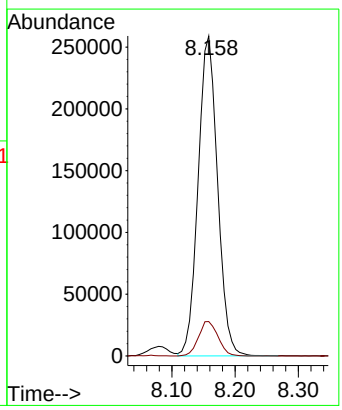


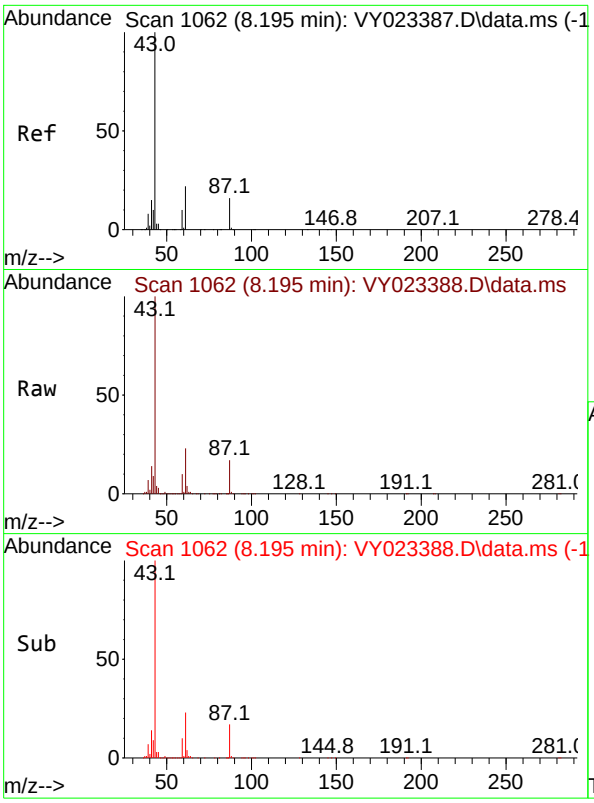


#42
1,2-Dichloroethane
Concen: 95.449 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 554810

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6



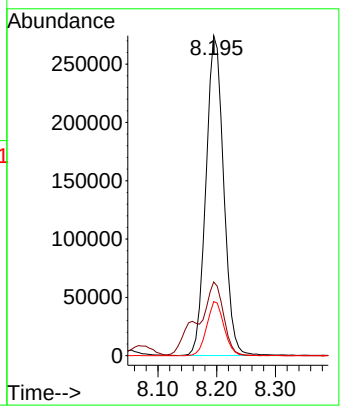


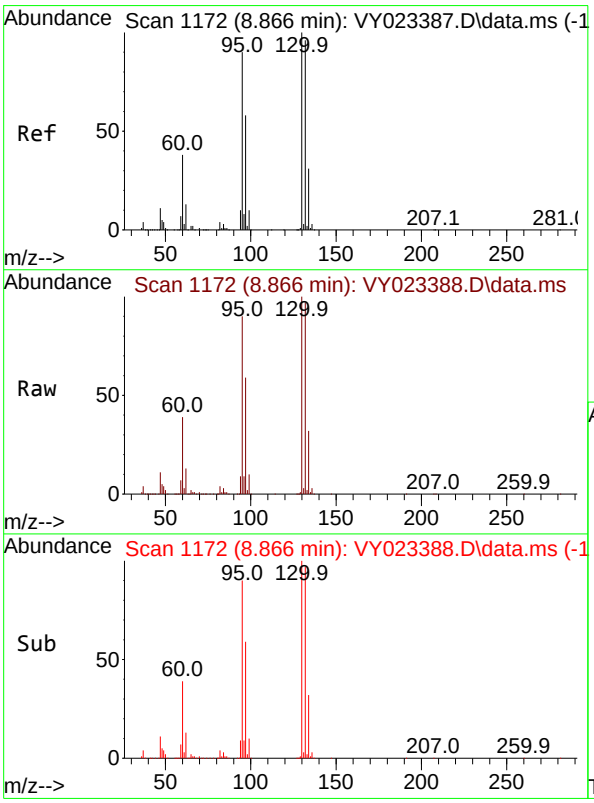
#43
Isopropyl Acetate
Concen: 101.815 ug/l
RT: 8.195 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 573653

Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.1	27.1
87	16.6	13.5	20.3

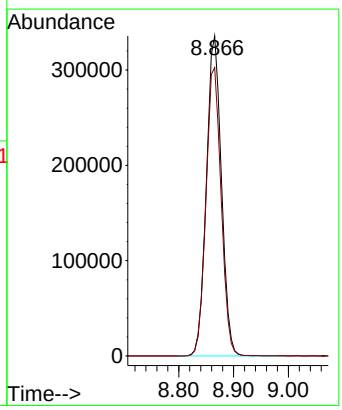


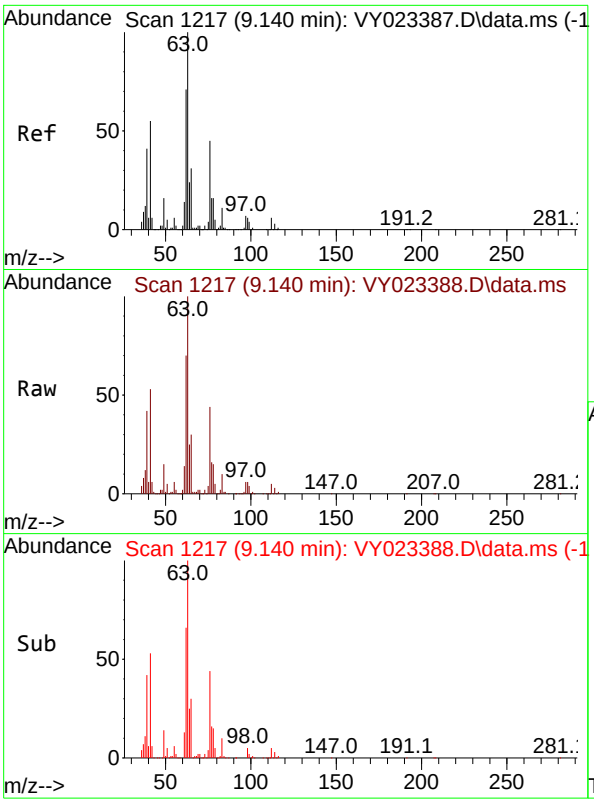


#44
Trichloroethene
Concen: 99.245 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:130 Resp: 636149

Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	180.6



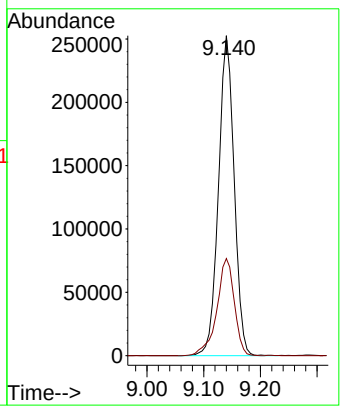


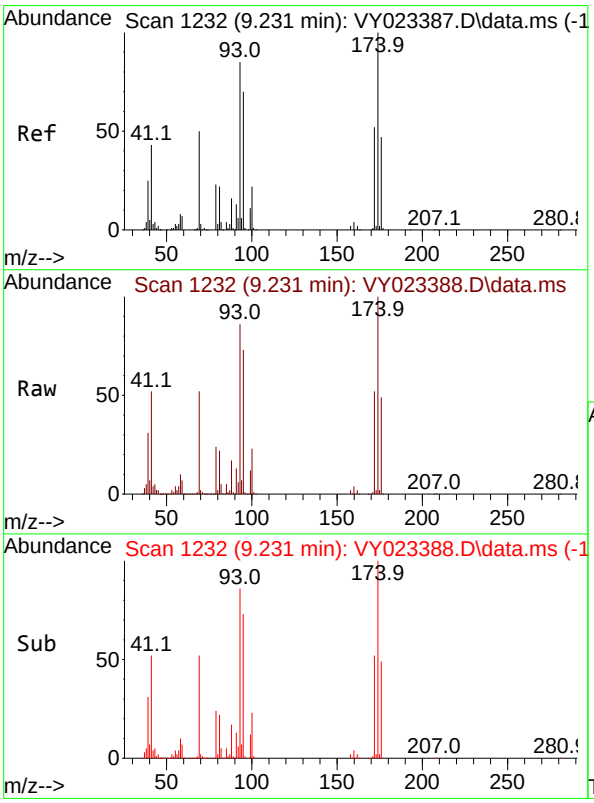
#45
1,2-Dichloropropane
Concen: 94.381 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 485084

Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.9	37.3

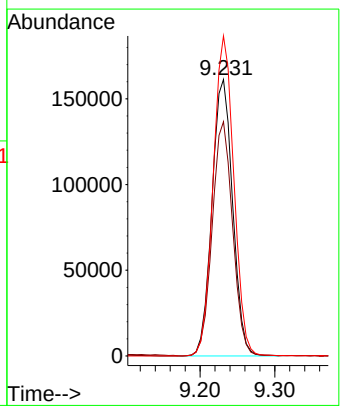


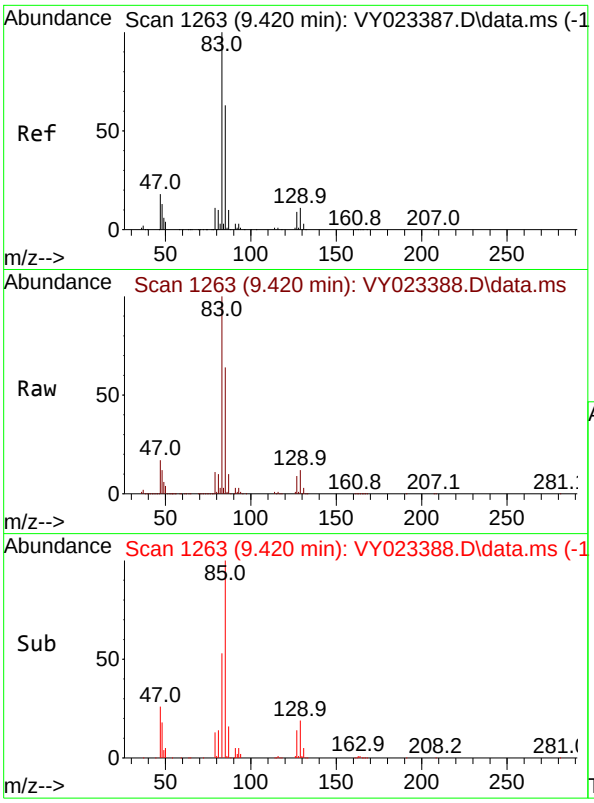


#46
Dibromomethane
Concen: 98.596 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 93 Resp: 309964

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.4	98.0
174	115.6	92.9	139.3



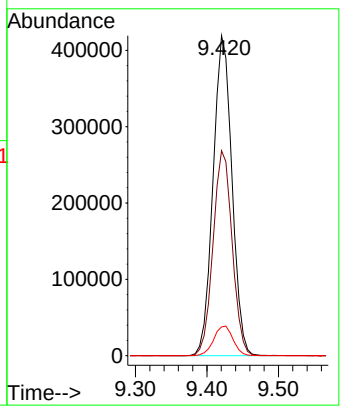


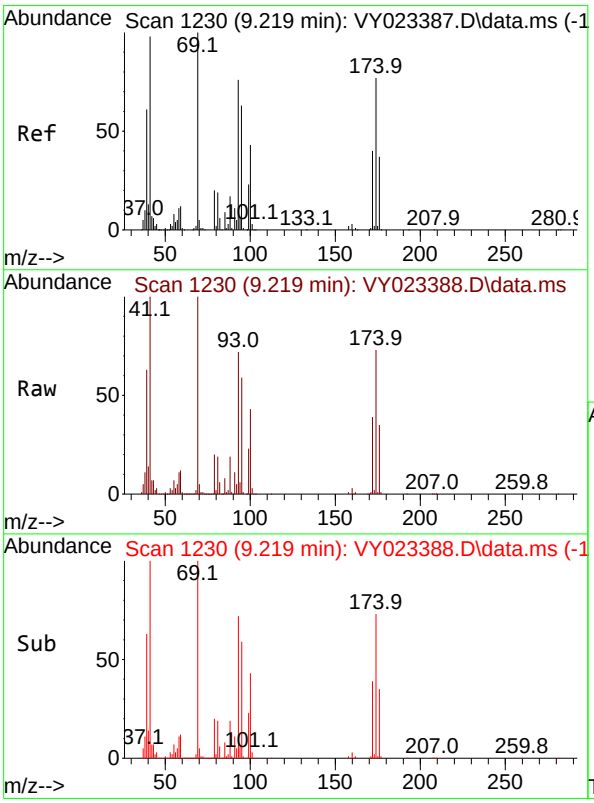
#47
Bromodichloromethane
Concen: 97.210 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 769238

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	9.0	7.4	11.2

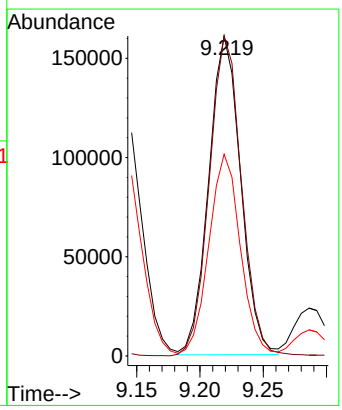


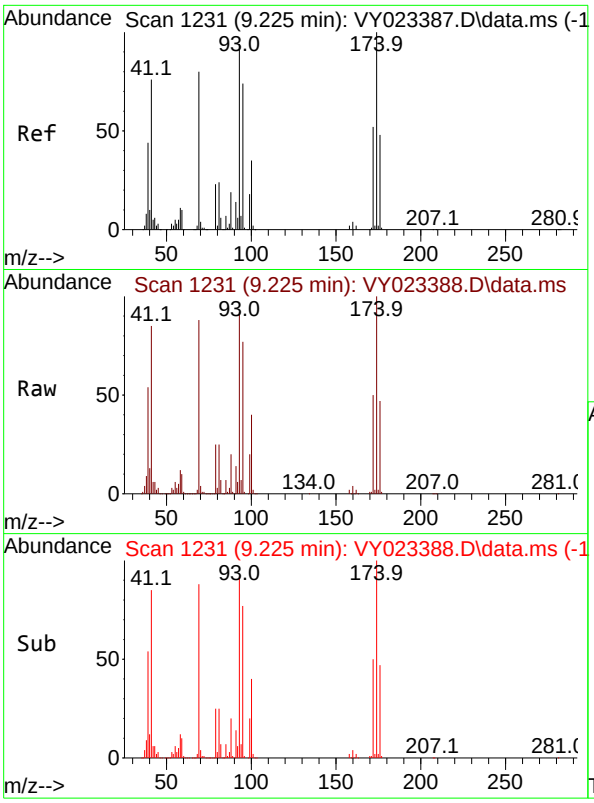


#48
Methyl methacrylate
Concen: 107.476 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 282582

Ion	Ratio	Lower	Upper
41	100		
69	100.8	81.0	121.4
39	60.9	48.2	72.4



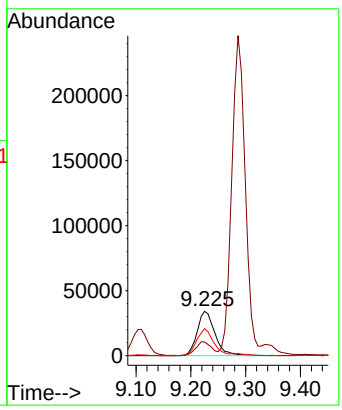


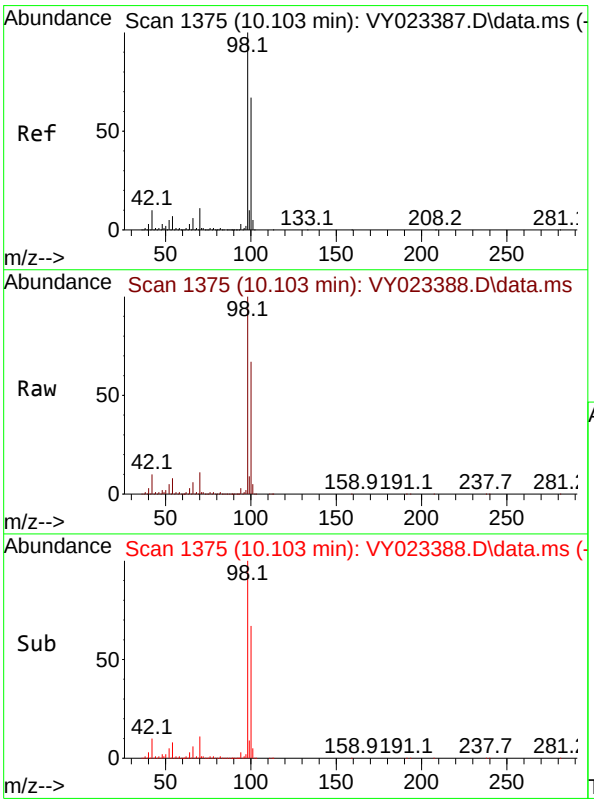
#49
1,4-Dioxane
Concen: 2374.722 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 77305

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.8	32.8
58	58.0	46.8	70.2

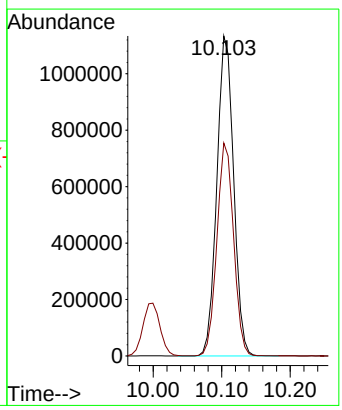


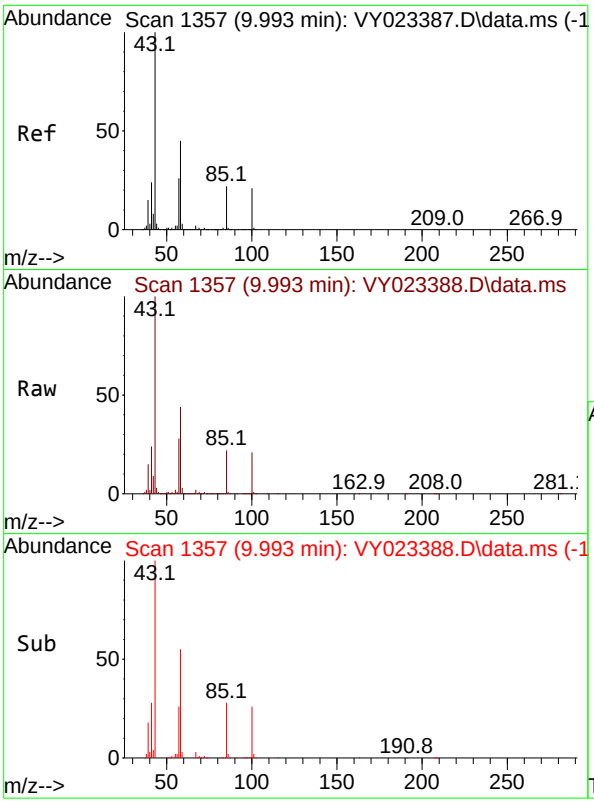


#50
Toluene-d8
Concen: 98.031 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 98 Resp: 1919872

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



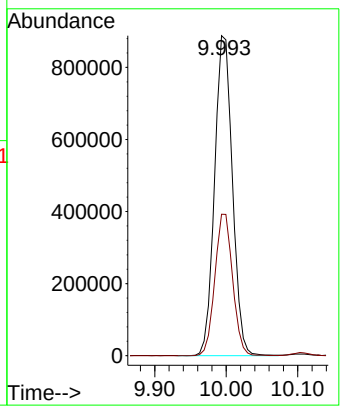


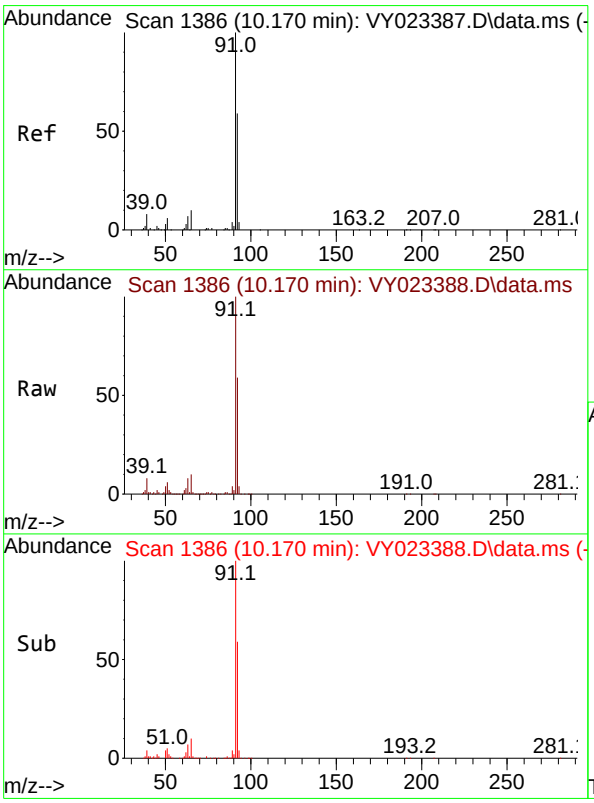
#51
4-Methyl-2-Pentanone
Concen: 533.386 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1539324

Ion	Ratio	Lower	Upper
43	100		
58	44.0	35.3	52.9

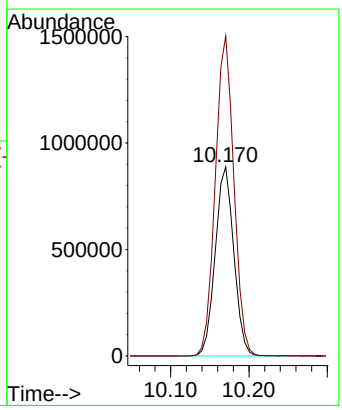


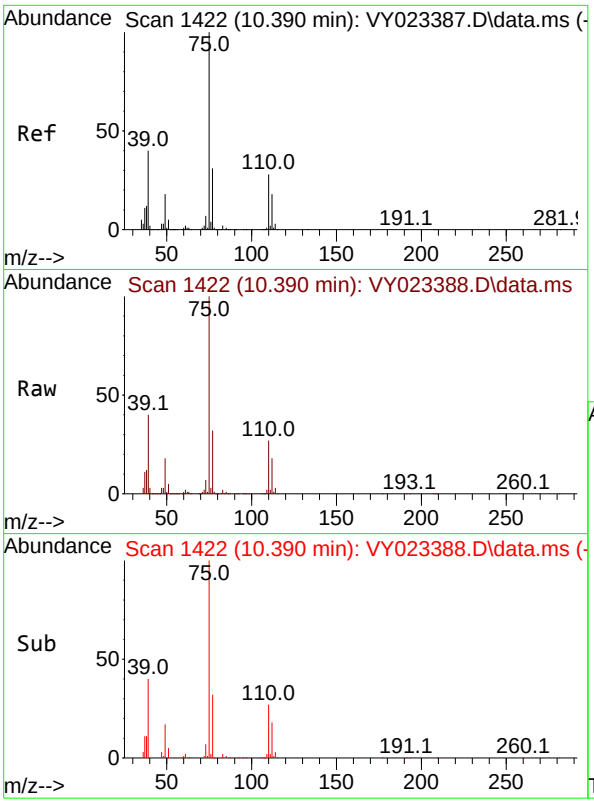


#52
Toluene
Concen: 100.905 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 92 Resp: 1462927

Ion	Ratio	Lower	Upper
92	100		
91	169.6	136.4	204.6



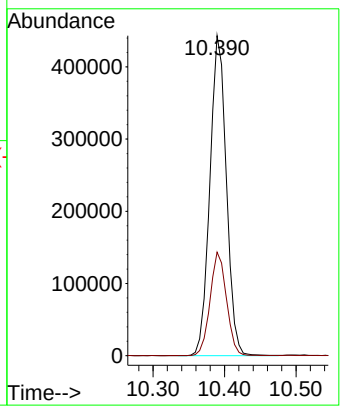


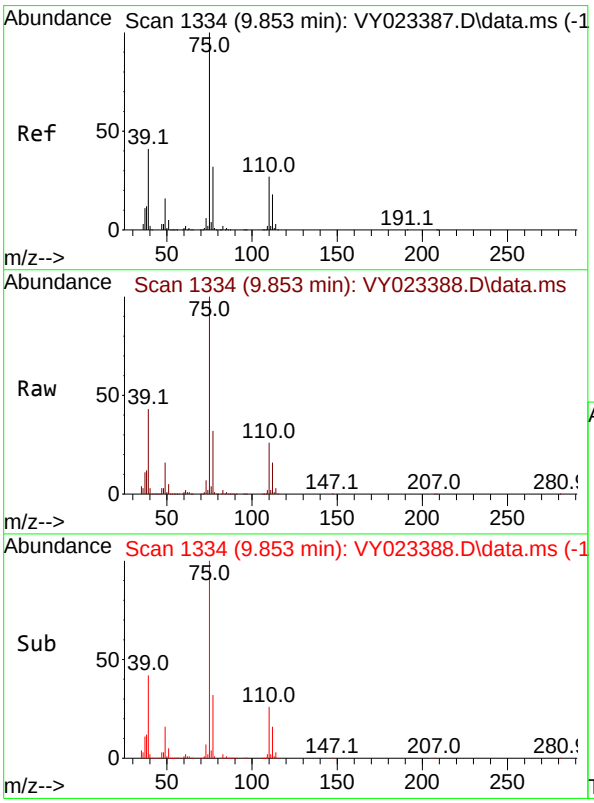
#53
t-1,3-Dichloropropene
Concen: 104.537 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 710475

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7

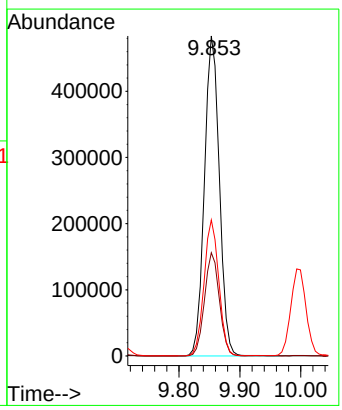


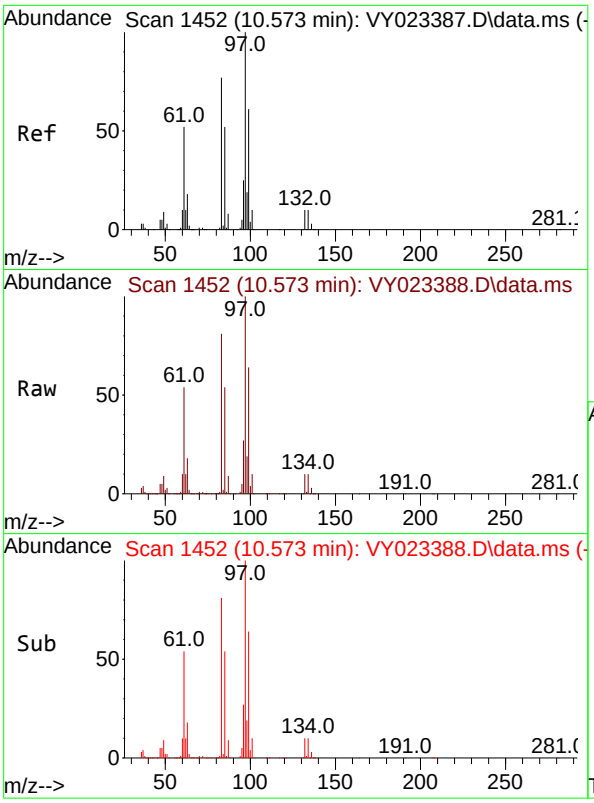


#54
cis-1,3-Dichloropropene
Concen: 101.302 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 822967

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0
39	42.5	32.8	49.2



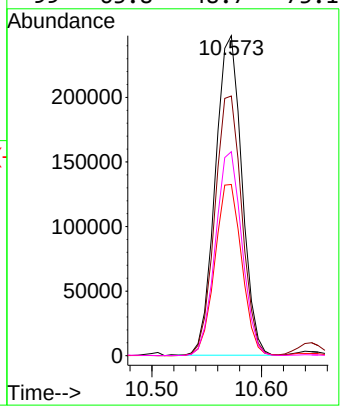


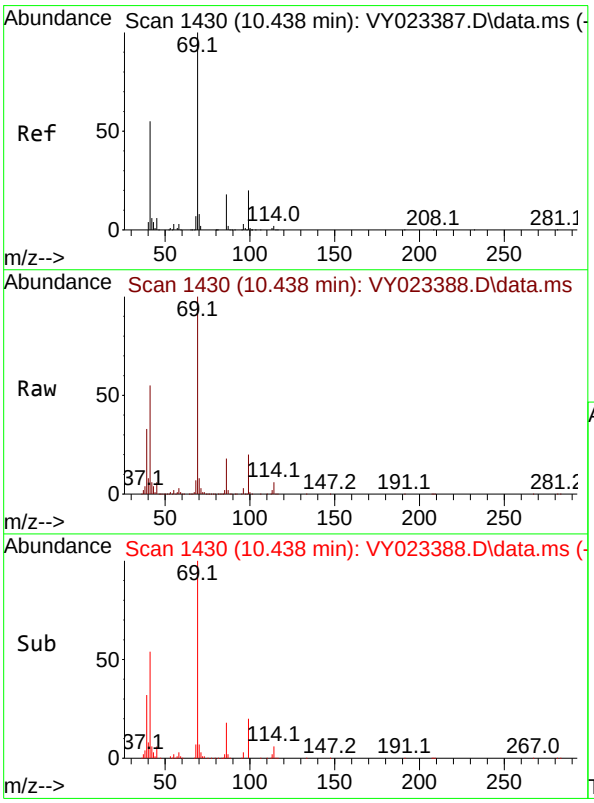
#55
1,1,2-Trichloroethane
Concen: 99.875 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 417623

Ion	Ratio	Lower	Upper
97	100		
83	81.3	61.8	92.6
85	53.6	41.3	61.9
99	63.8	48.7	73.1

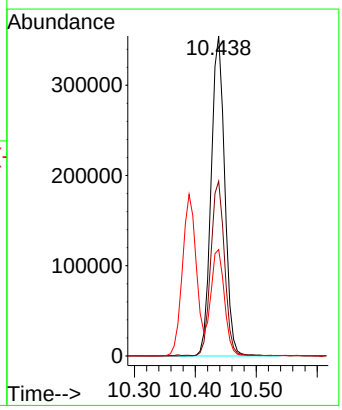


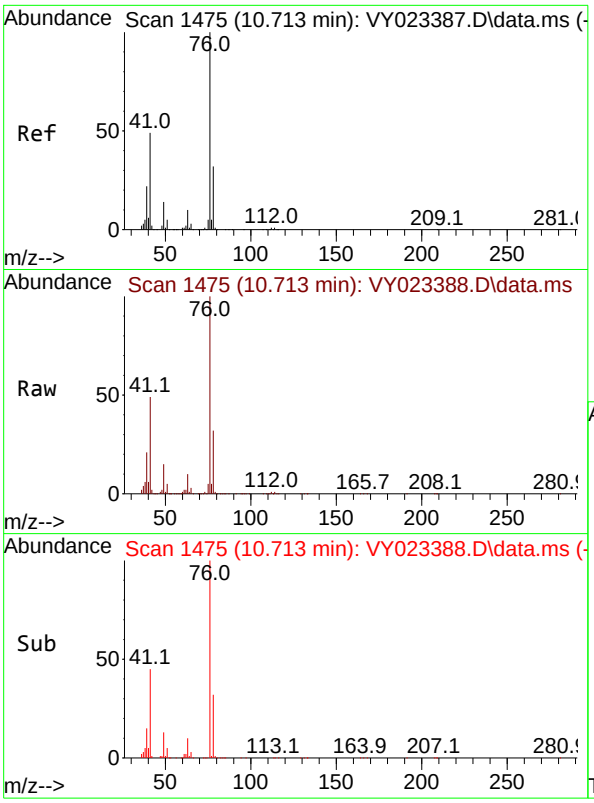


#56
Ethyl methacrylate
Concen: 114.077 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 69 Resp: 549366

Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.6	67.0
39	33.3	27.0	40.4



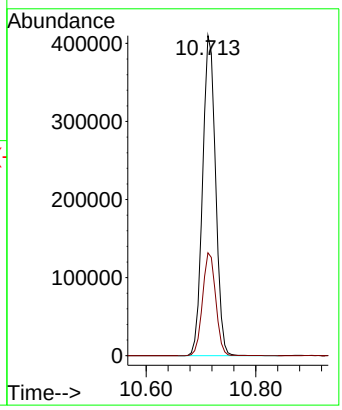


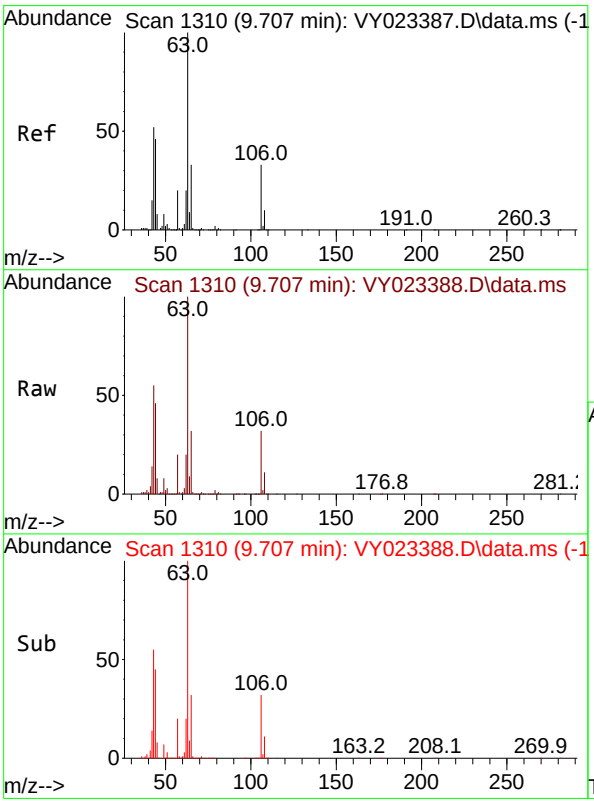
#57
1,3-Dichloropropane
Concen: 99.140 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 670961

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

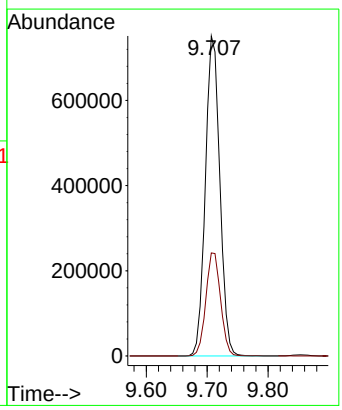


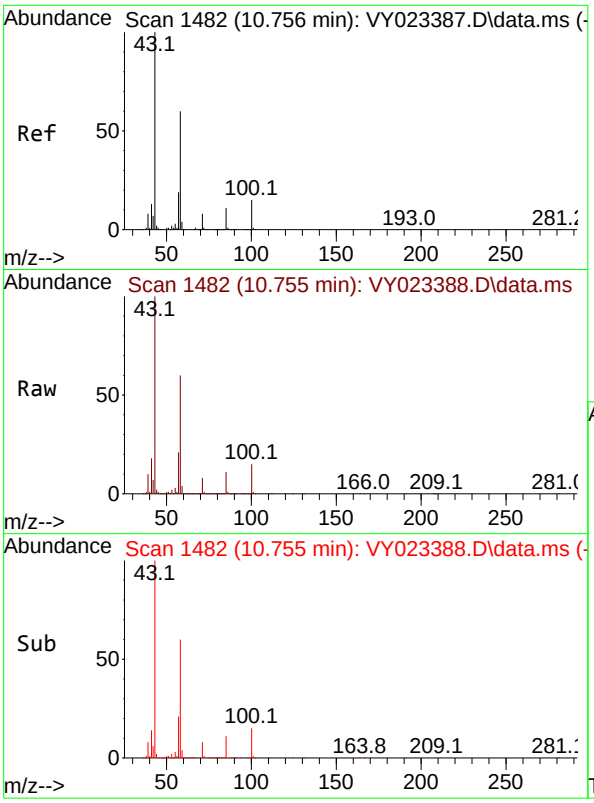


#58
2-Chloroethyl Vinyl ether
Concen: 588.731 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 1240361

Ion	Ratio	Lower	Upper
63	100		
106	32.8	26.6	39.8



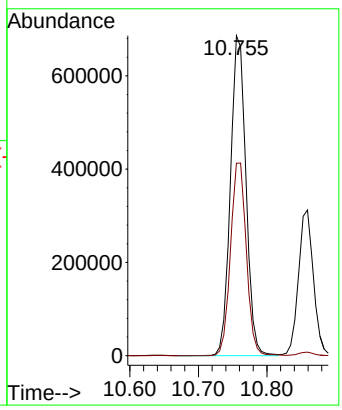


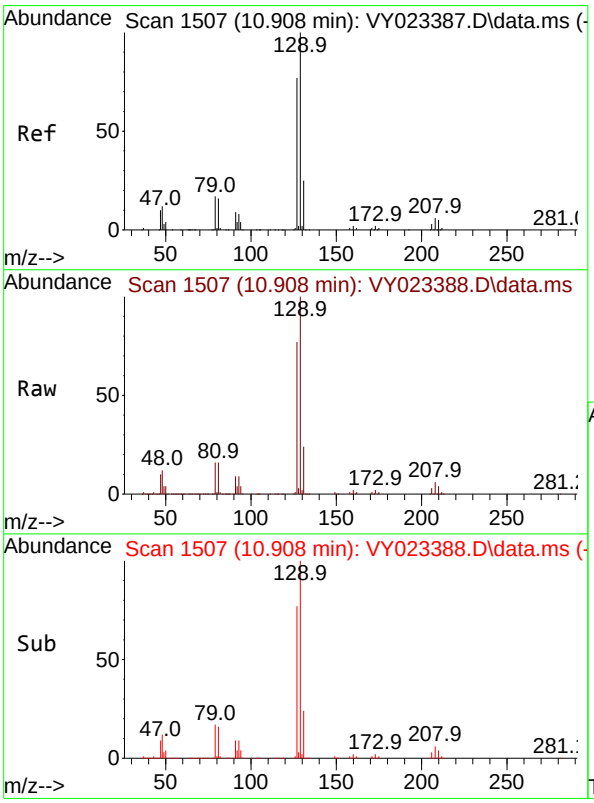
#59
2-Hexanone
Concen: 541.284 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1081568

Ion	Ratio	Lower	Upper
43	100		
58	61.5	30.5	91.5

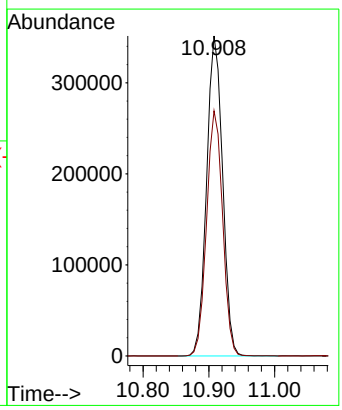


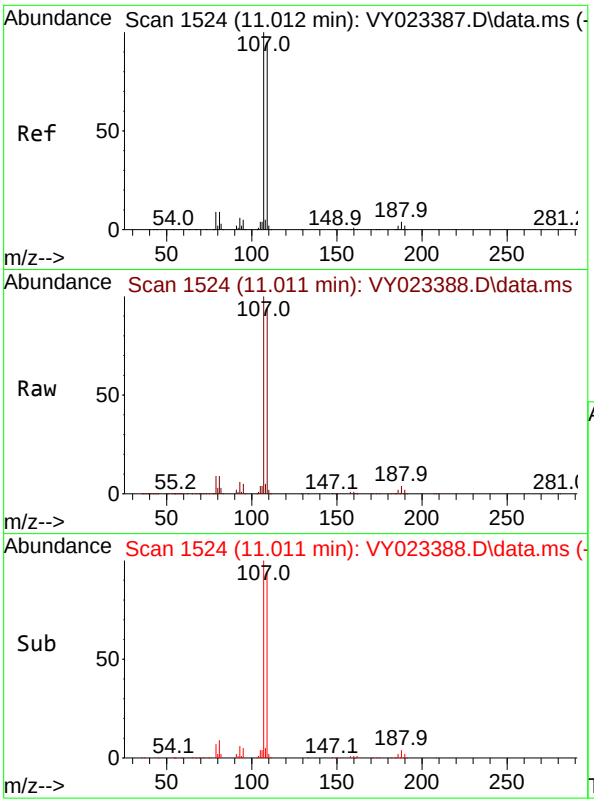


#60
Dibromochloromethane
Concen: 104.133 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:129 Resp: 593878

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	115.7



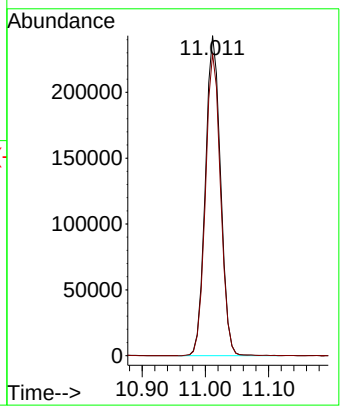


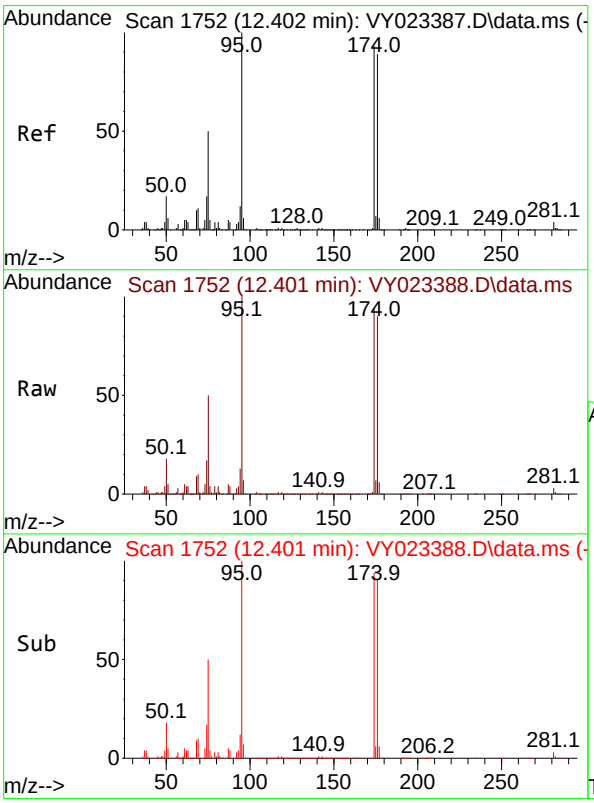
#61
1,2-Dibromoethane
Concen: 103.280 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 406293

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.1	114.1

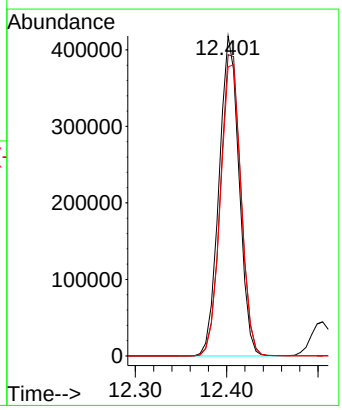


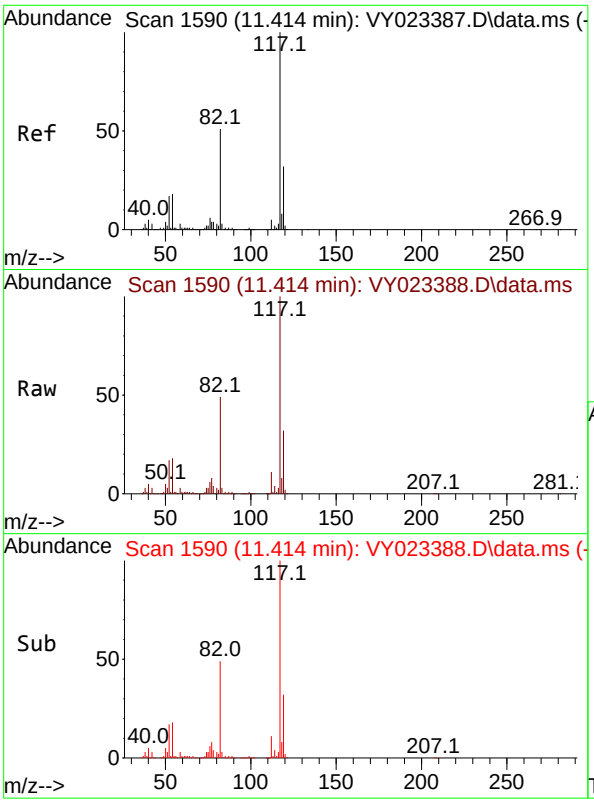


#62
4-Bromofluorobenzene
Concen: 103.007 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 95 Resp: 636435

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	192.8
176	94.1	0.0	187.6



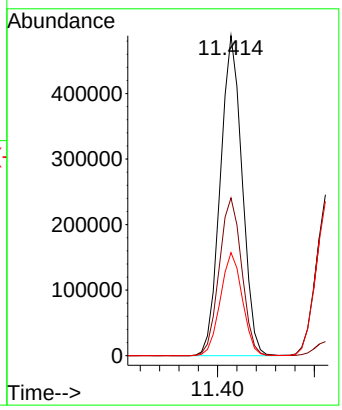


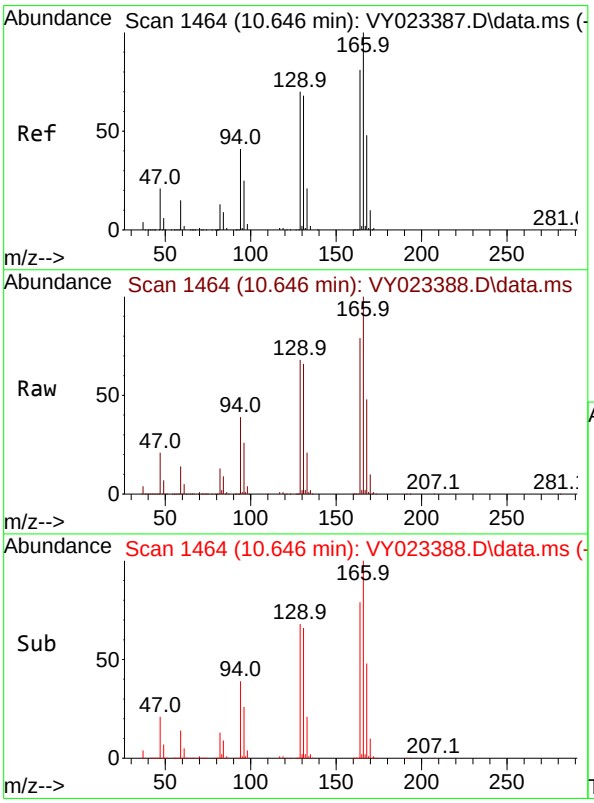
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 764361

Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.0	61.4
119	32.2	25.6	38.4

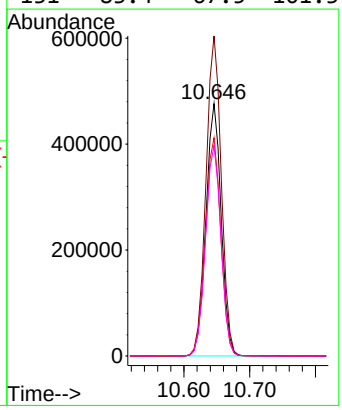


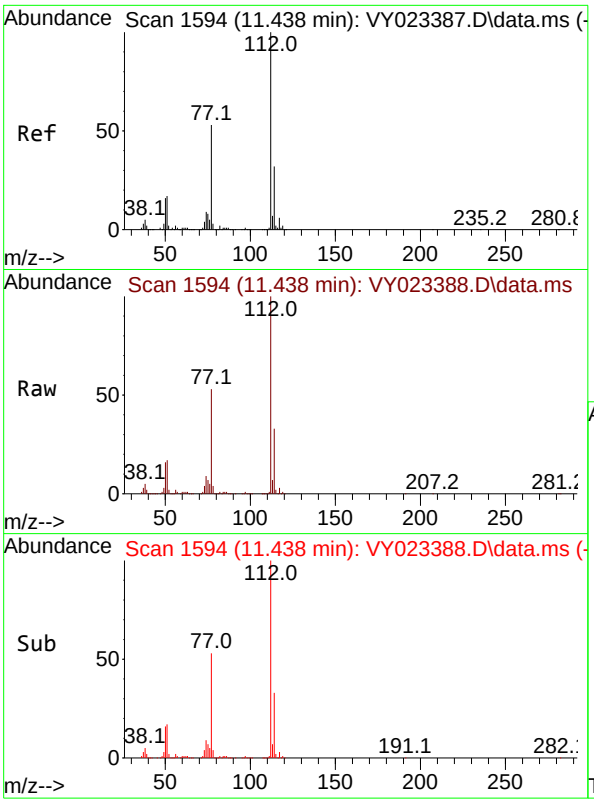


#64
Tetrachloroethene
Concen: 100.406 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:164 Resp: 767753

Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.4	149.0
129	86.5	69.4	104.2
131	83.4	67.5	101.3



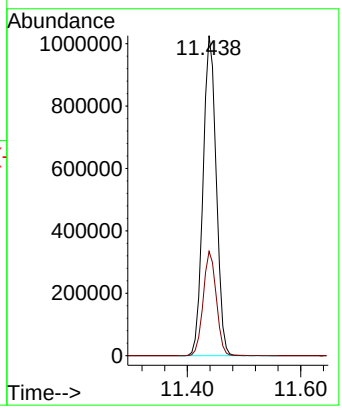


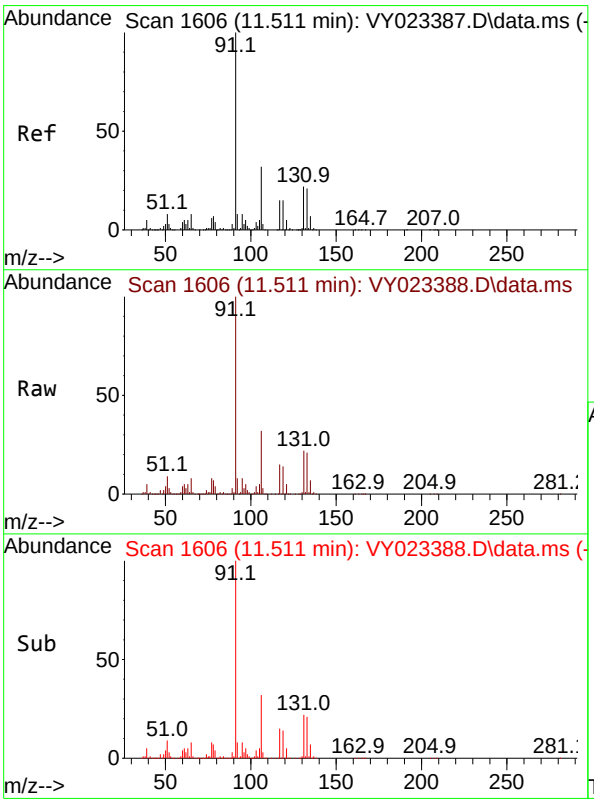
#65
Chlorobenzene
Concen: 99.649 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 1655143

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

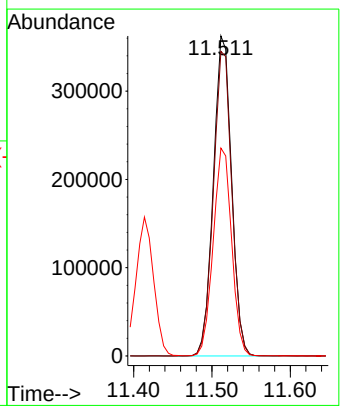


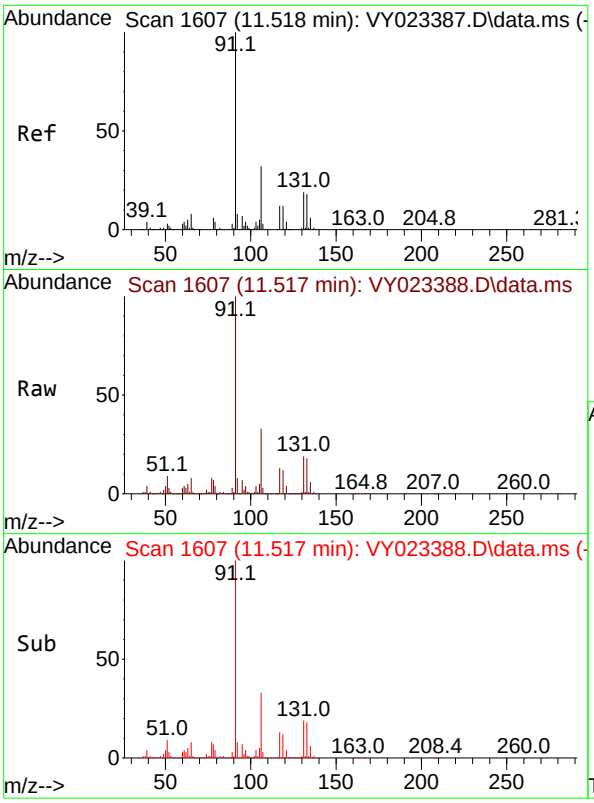


#66
1,1,1,2-Tetrachloroethane
Concen: 100.470 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:131 Resp: 586878

Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.4	145.2
119	65.7	32.4	97.2



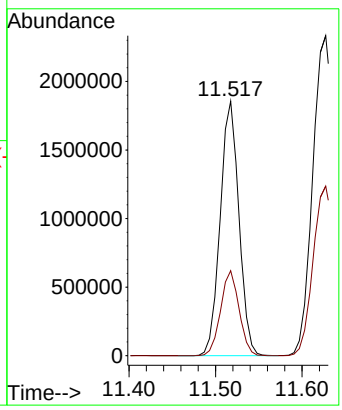


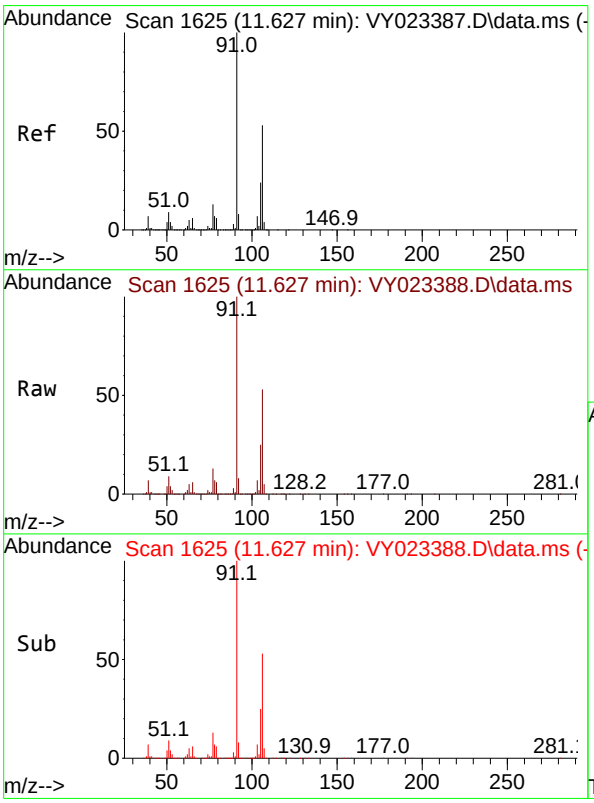
#67
Ethyl Benzene
Concen: 102.856 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 2788252

Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.8	38.8

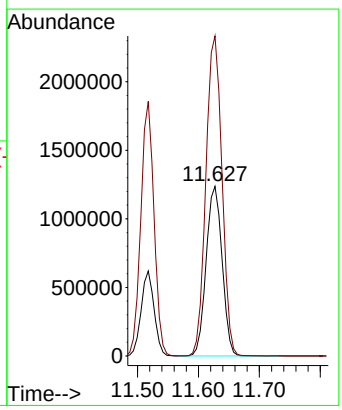


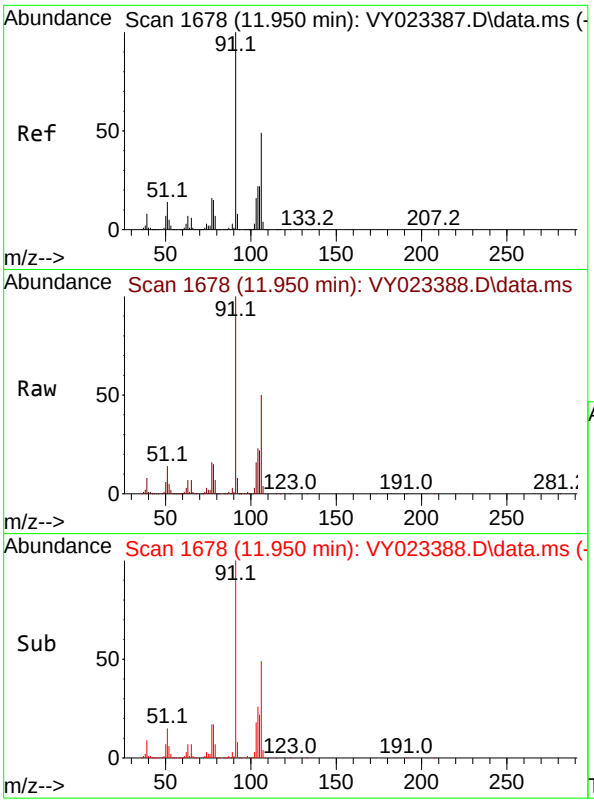


#68
m/p-Xylenes
Concen: 206.437 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:106 Resp: 2243033

Ion	Ratio	Lower	Upper
106	100		
91	190.5	152.6	229.0



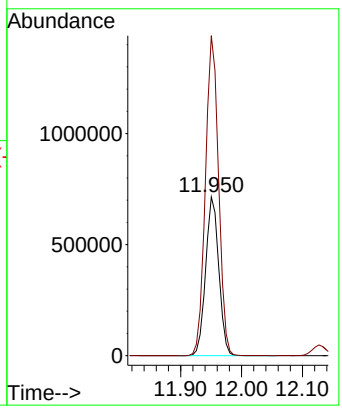


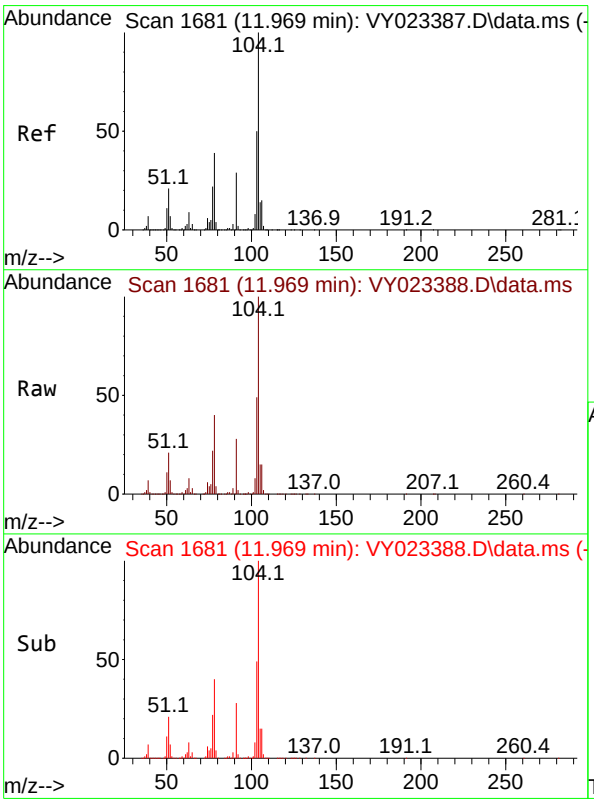
#69
o-Xylene
Concen: 106.611 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1072335

Ion	Ratio	Lower	Upper
106	100		
91	201.8	101.4	304.1

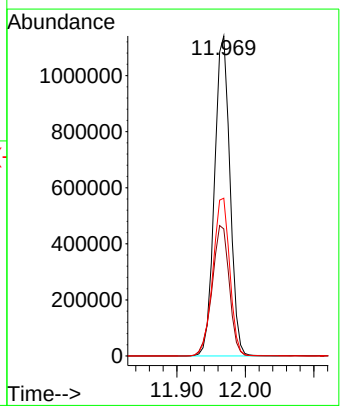


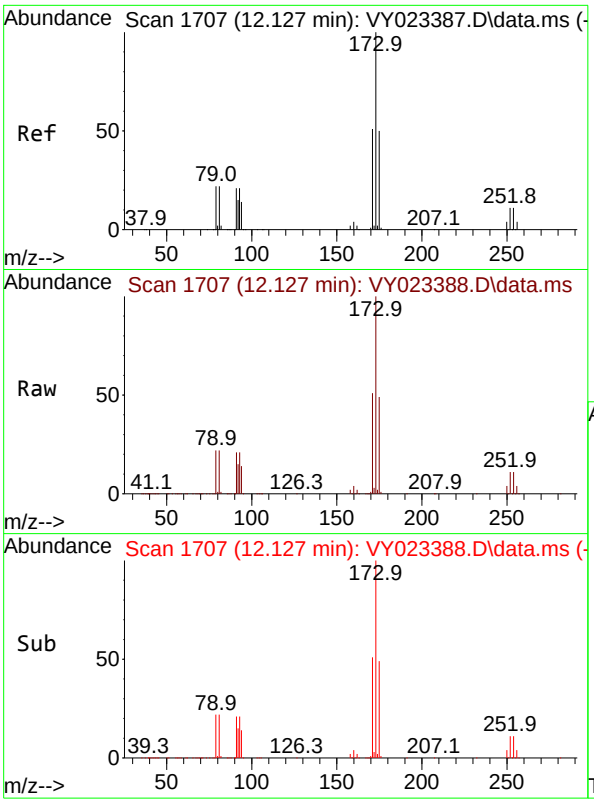


#70
Styrene
Concen: 107.344 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:104 Resp: 1782757

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.1	54.1
103	53.9	43.2	64.8



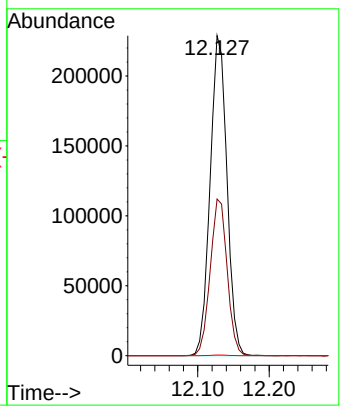


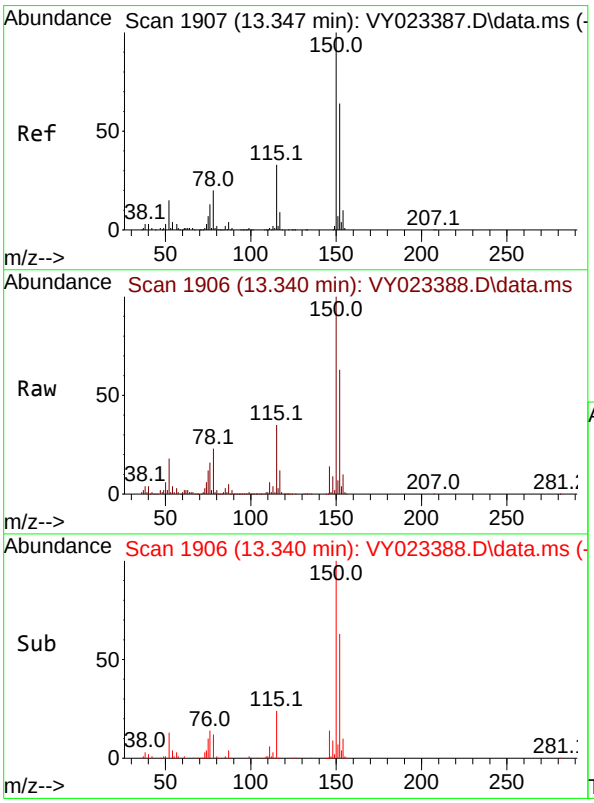
#71
Bromoform
Concen: 106.727 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 373208

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.2	0.1	0.1#

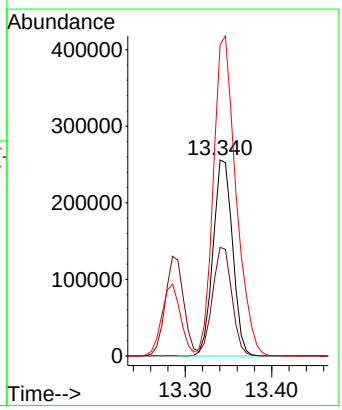


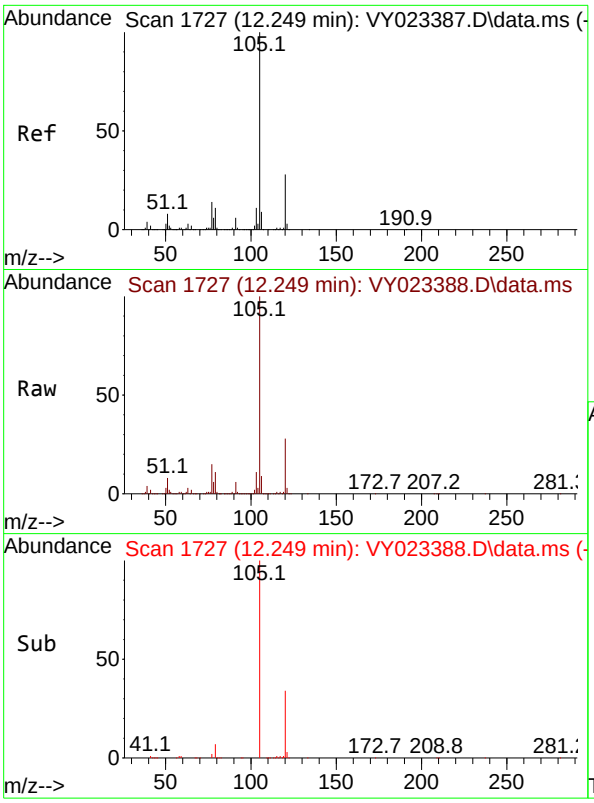


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:152 Resp: 400285

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.1	81.2
150	190.0	0.0	347.4



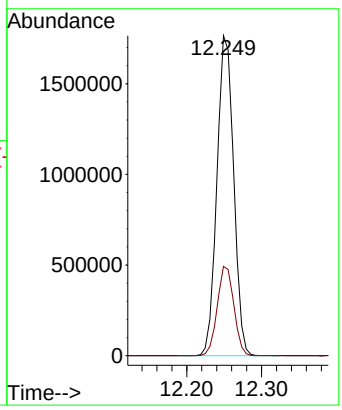


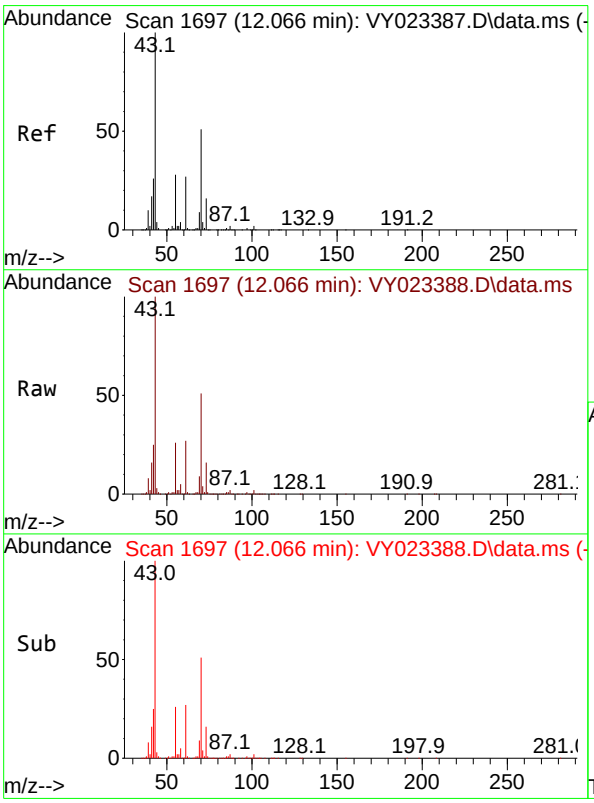
#73
Isopropylbenzene
Concen: 102.825 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 2741698

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.9	41.7

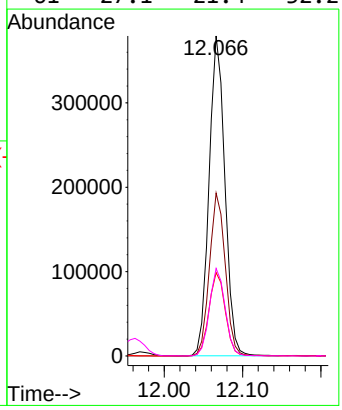


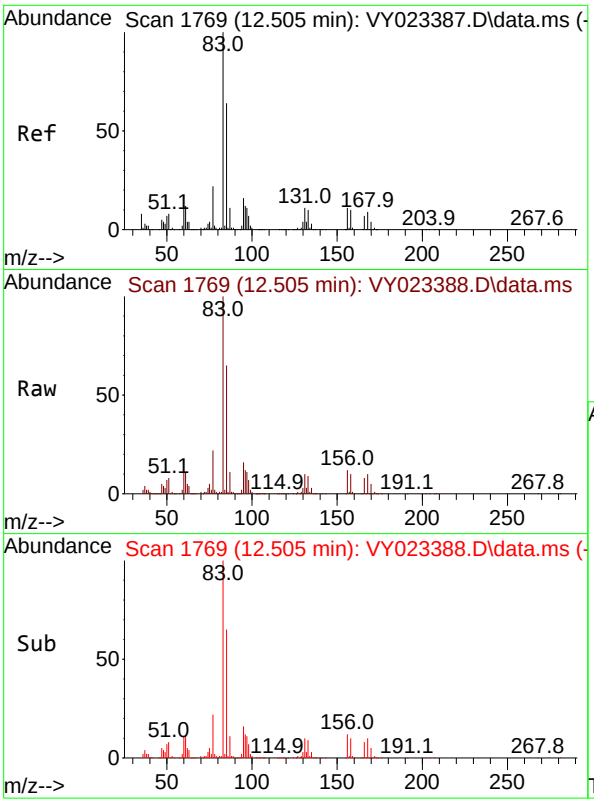


#74
N-amyl acetate
Concen: 106.818 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 532255

Ion	Ratio	Lower	Upper
43	100		
70	51.0	41.1	61.7
55	26.8	23.0	34.6
61	27.1	21.4	32.2



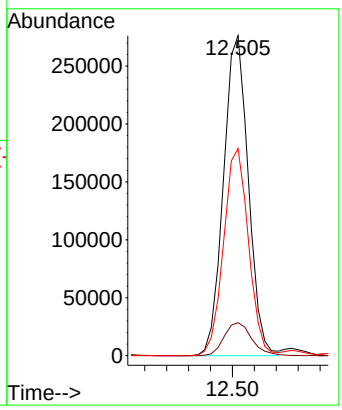


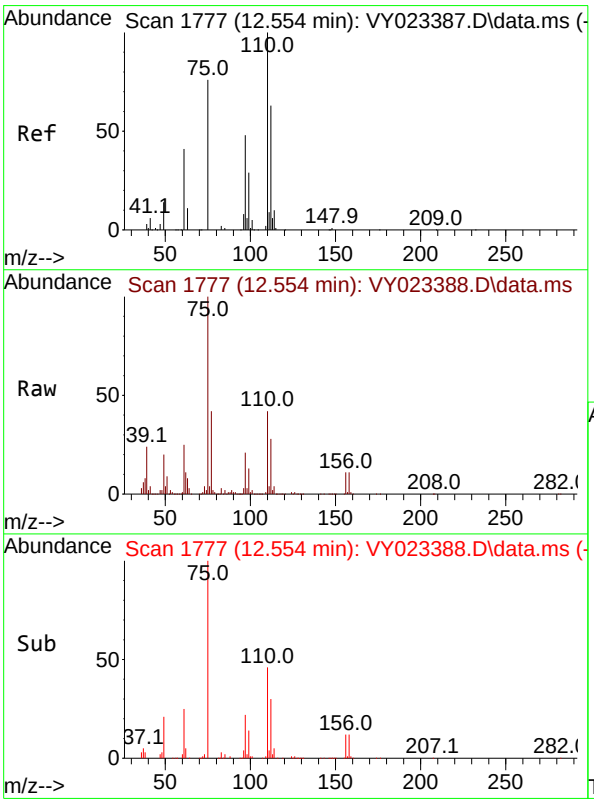
#75
1,1,2,2-Tetrachloroethane
Concen: 97.735 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 434720

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.6
85	64.9	31.8	95.3

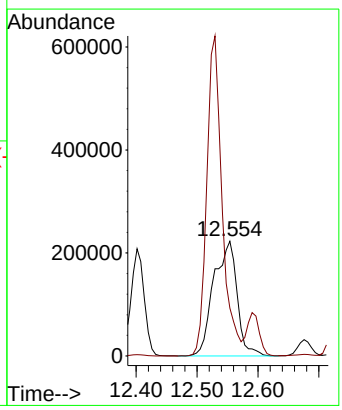


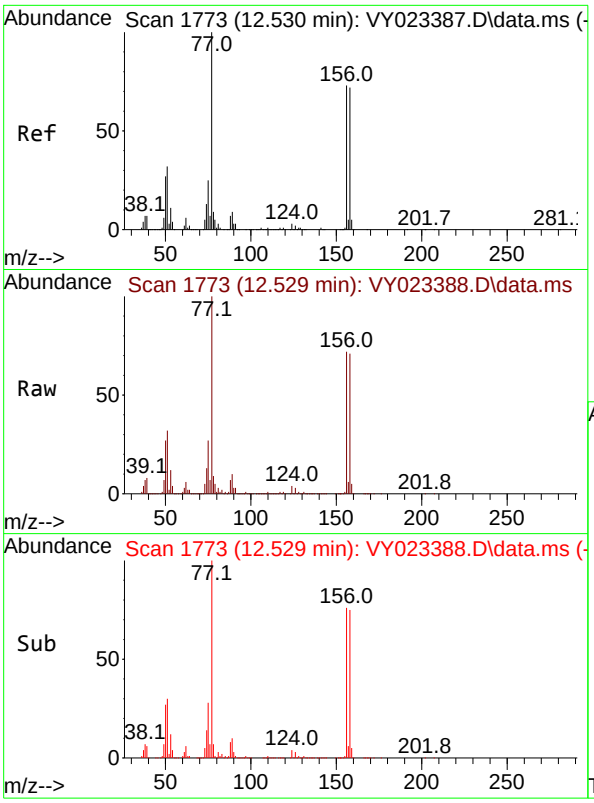


#76
1,2,3-Trichloropropane
Concen: 150.456 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 594072

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



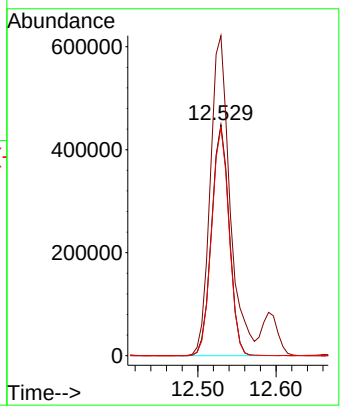


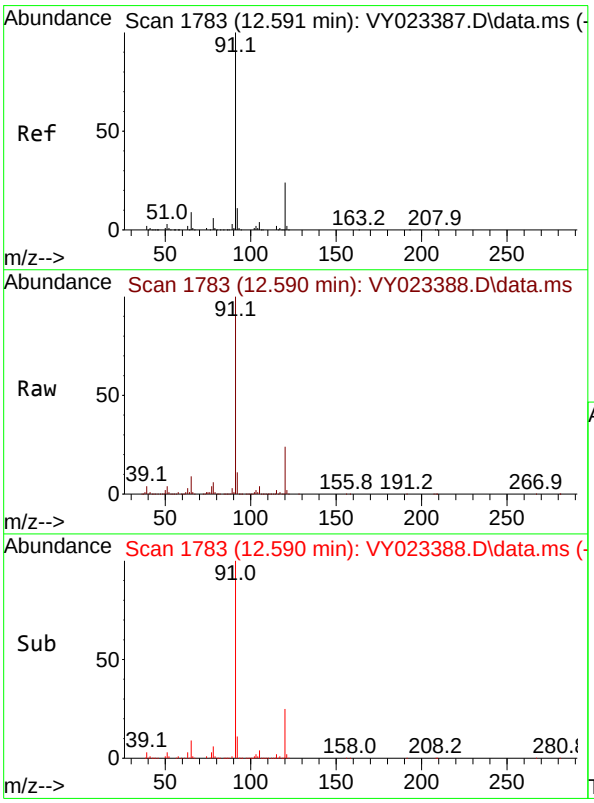
#77
Bromobenzene
Concen: 102.545 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 701741

Ion	Ratio	Lower	Upper
156	100		
77	154.5	76.8	230.5
158	98.1	49.0	147.2

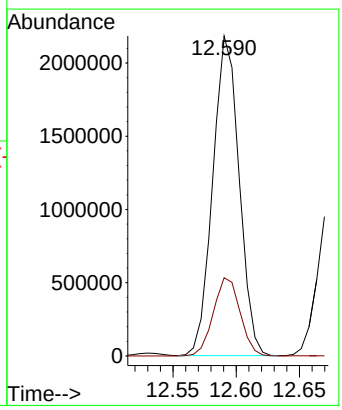


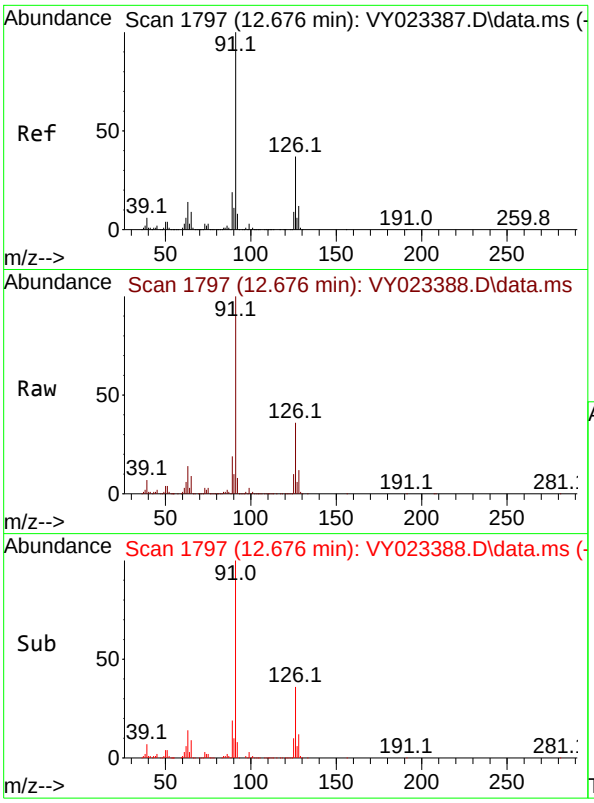


#78
n-propylbenzene
Concen: 100.958 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 3165894

Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.3	36.8



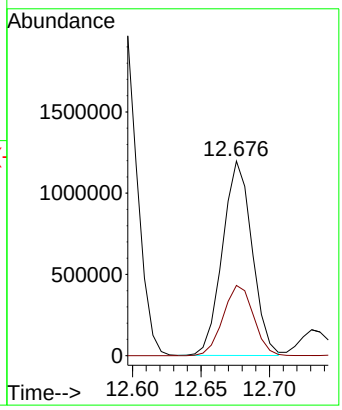


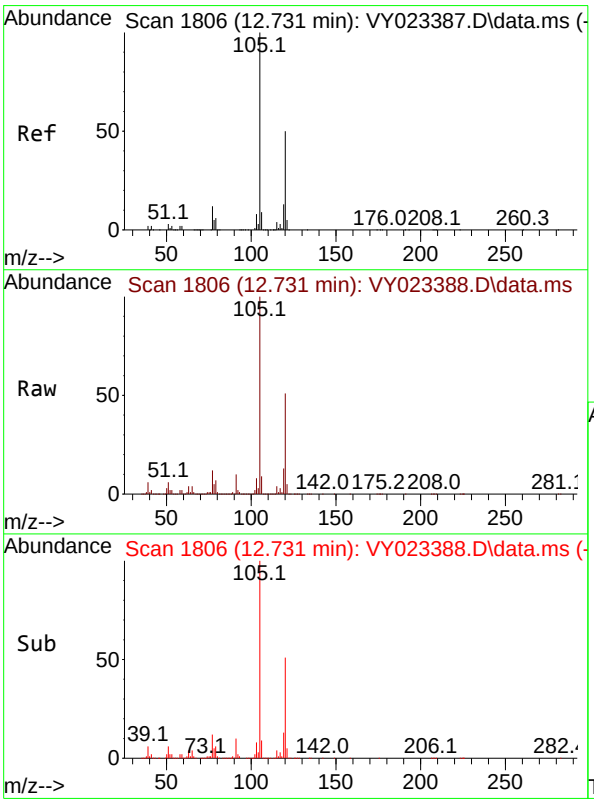
#79
2-Chlorotoluene
Concen: 99.426 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1800124

Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5

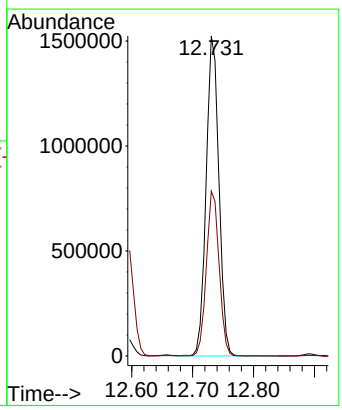


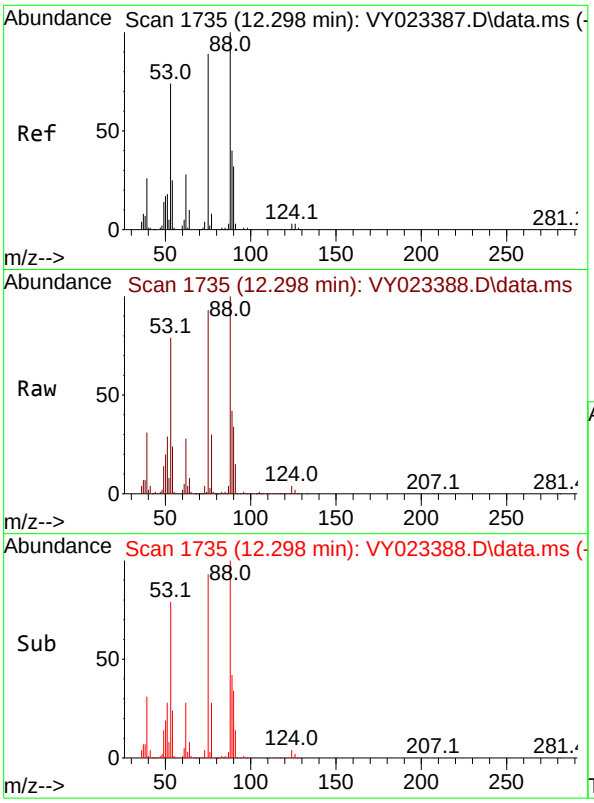


#80
1,3,5-Trimethylbenzene
Concen: 102.374 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 2219080

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.4	76.4



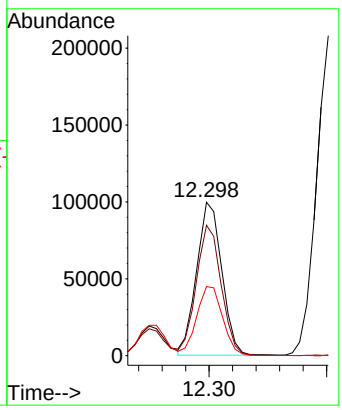


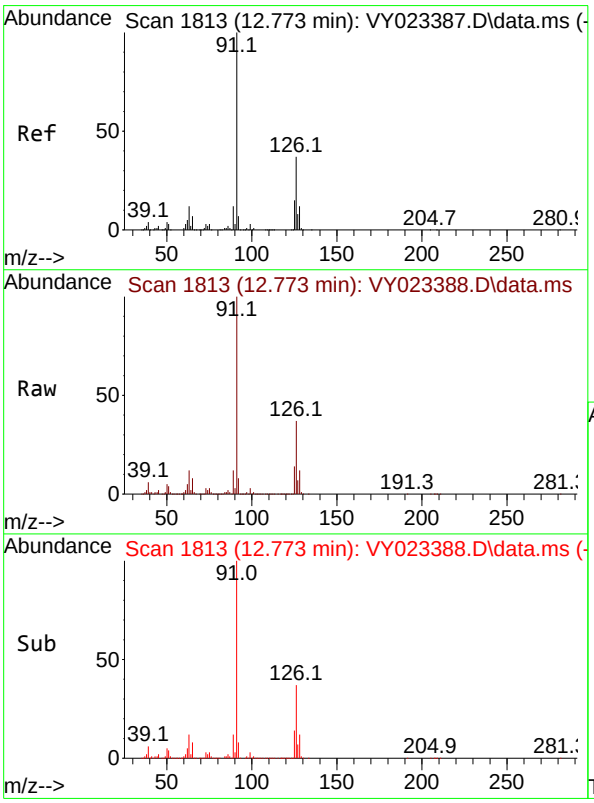
#81
trans-1,4-Dichloro-2-butene
Concen: 101.273 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 148302

Ion	Ratio	Lower	Upper
75	100		
53	84.5	68.6	102.8
89	46.6	39.0	58.4

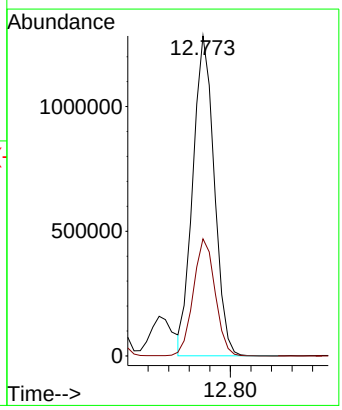


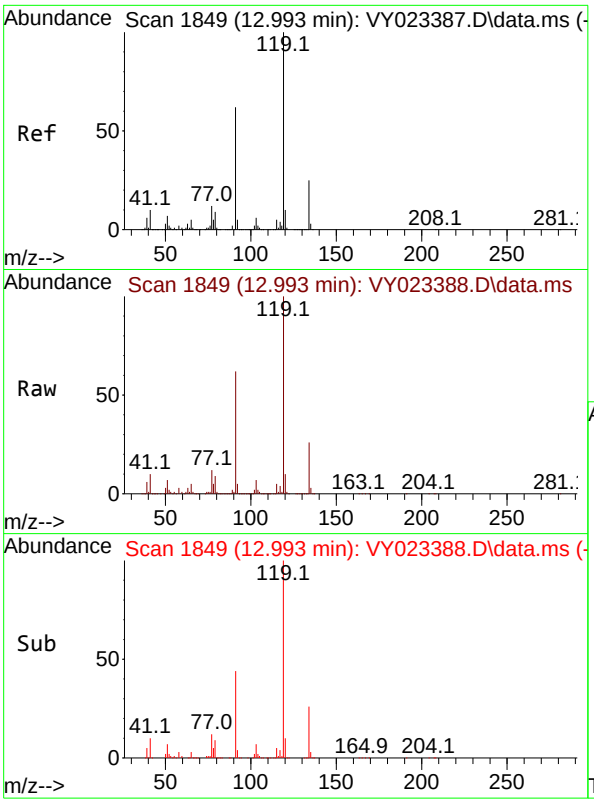


#82
4-Chlorotoluene
Concen: 98.060 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 1854165

Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.4	55.4



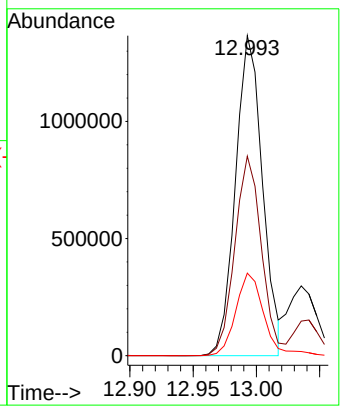


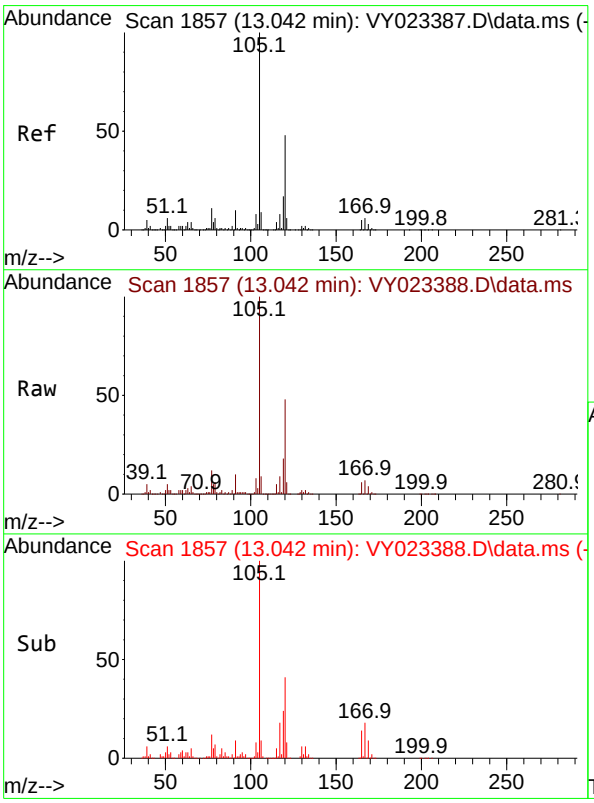
#83
tert-Butylbenzene
Concen: 102.684 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 2028198

Ion	Ratio	Lower	Upper
119	100		
91	61.9	29.9	89.8
134	26.9	12.9	38.7

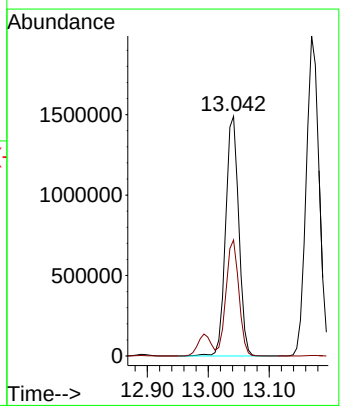


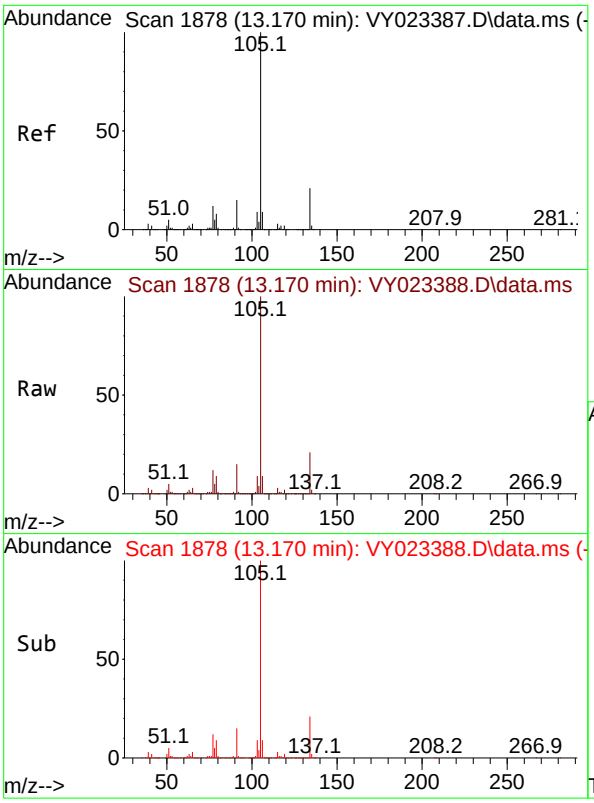


#84
1,2,4-Trimethylbenzene
Concen: 103.853 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:105 Resp: 2227197

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.8	71.2



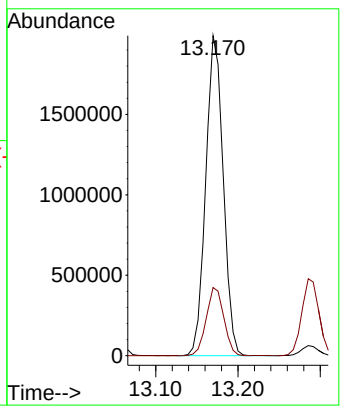


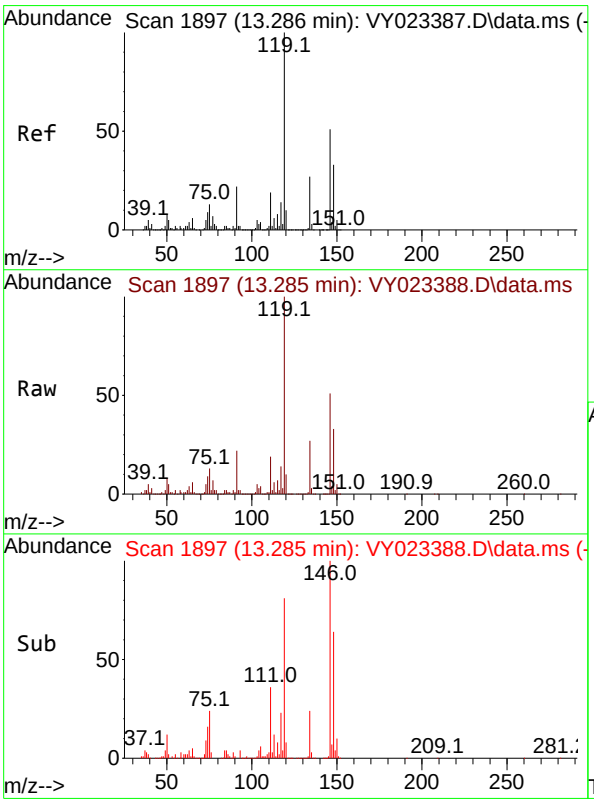
#85
sec-Butylbenzene
Concen: 102.530 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 2932949

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1

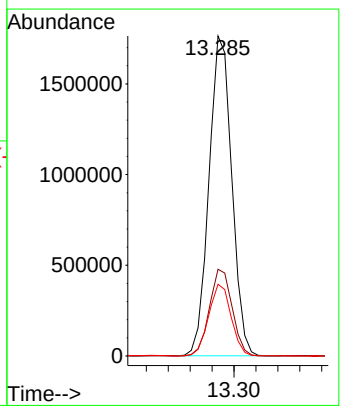


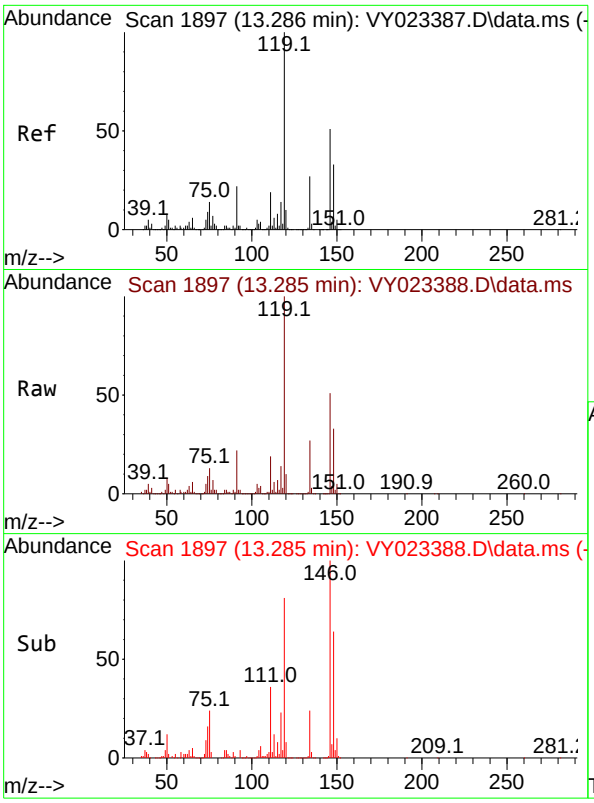


#86
p-Isopropyltoluene
Concen: 105.408 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:119 Resp: 2548220

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.1	10.9	32.9



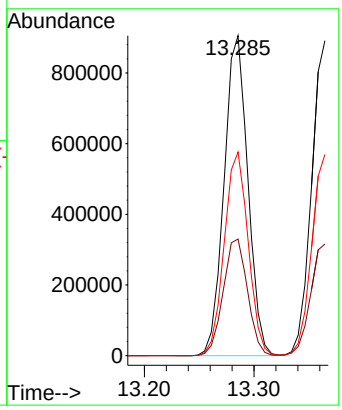


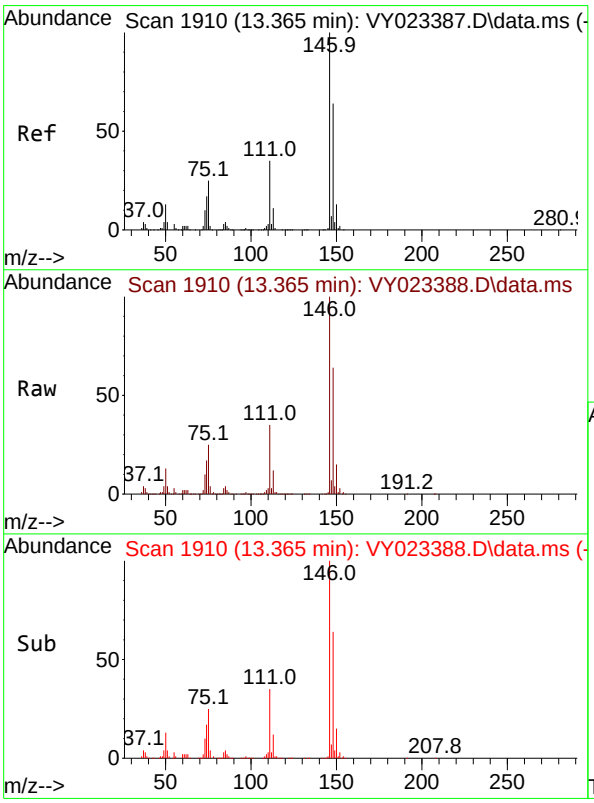
#87
1,3-Dichlorobenzene
Concen: 100.735 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1361716

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.1	31.9	95.9

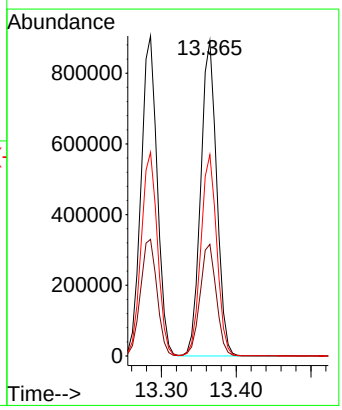


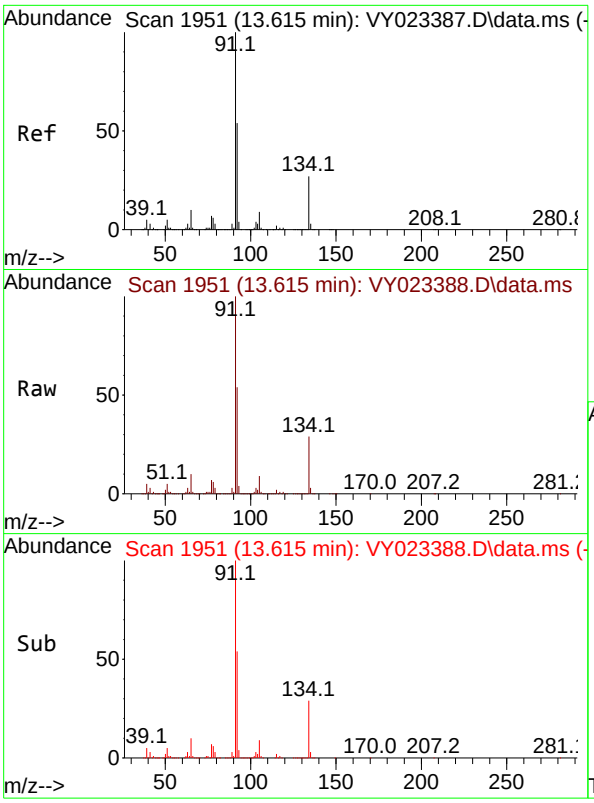


#88
1,4-Dichlorobenzene
Concen: 98.734 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:146 Resp: 1323618

Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.0	54.0
148	63.8	31.9	95.7



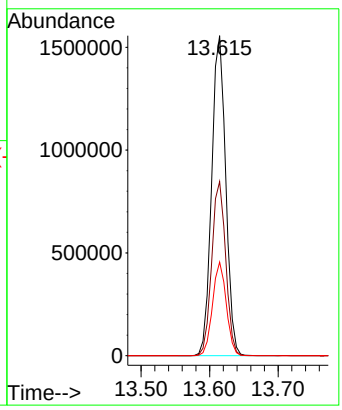


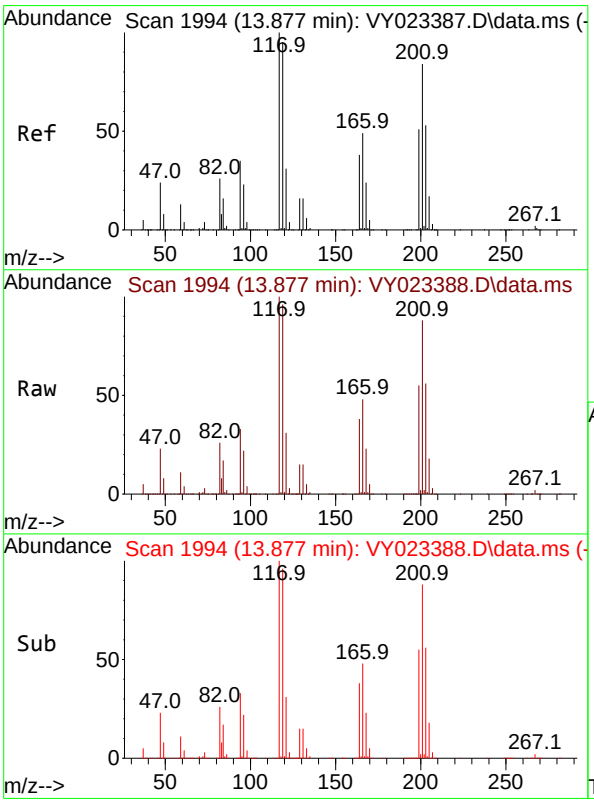
#89
n-Butylbenzene
Concen: 104.174 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 2223744

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	80.8
134	28.6	14.1	42.2

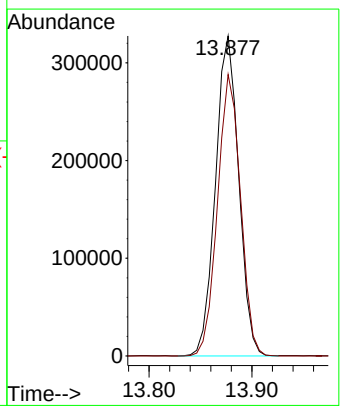


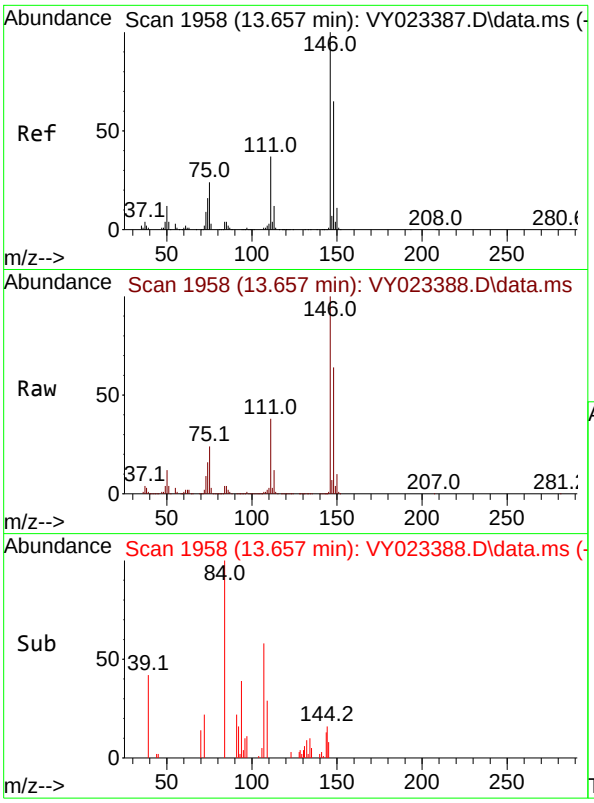


#90
Hexachloroethane
Concen: 98.069 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:117 Resp: 514746

Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.8	131.4



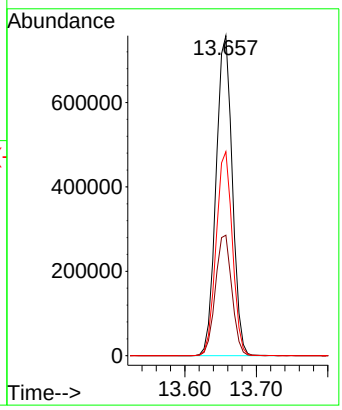


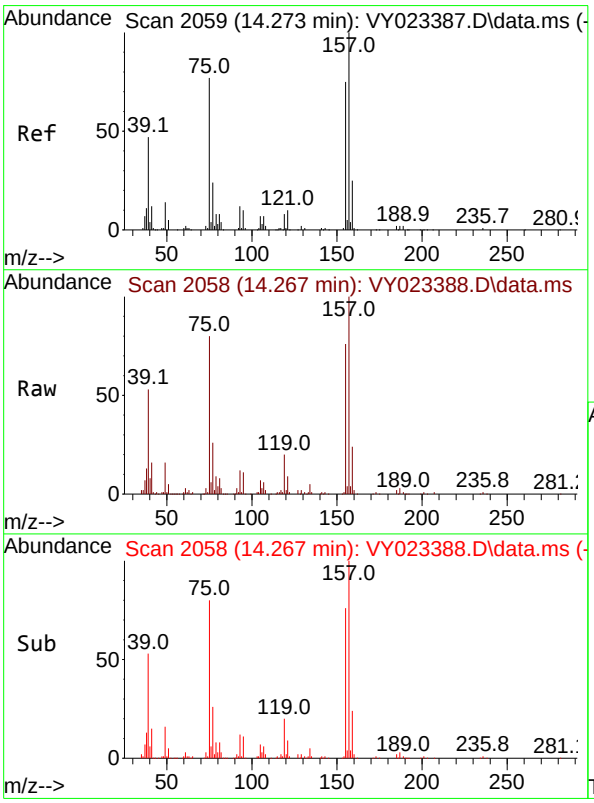
#91
1,2-Dichlorobenzene
Concen: 101.146 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 1193043

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.1	32.1	96.3

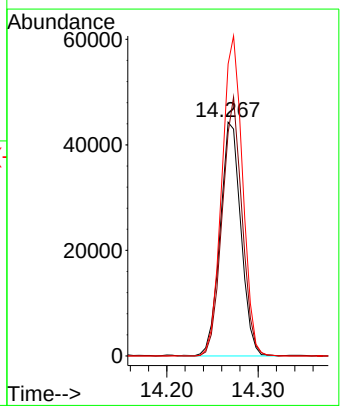


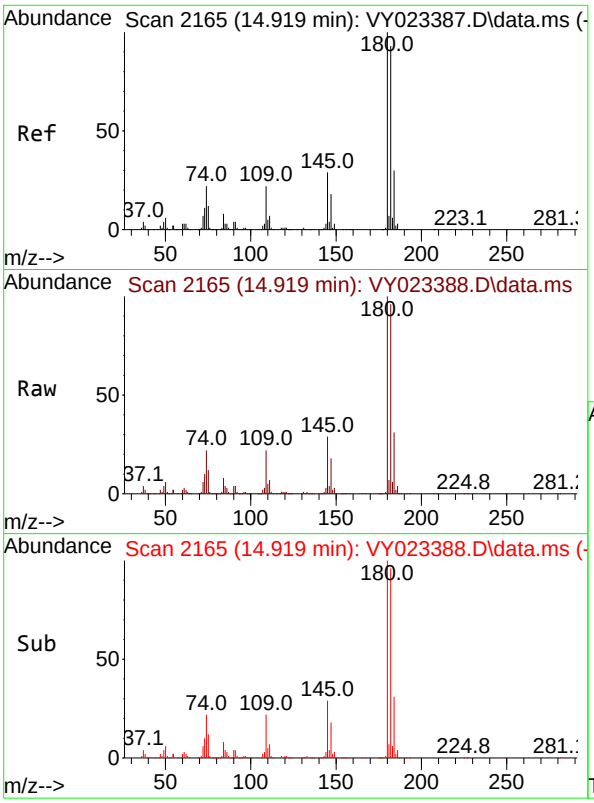


#92
1,2-Dibromo-3-Chloropropane
Concen: 99.458 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 70107

Ion	Ratio	Lower	Upper
75	100		
155	105.2	50.0	150.0
157	135.9	63.8	191.5



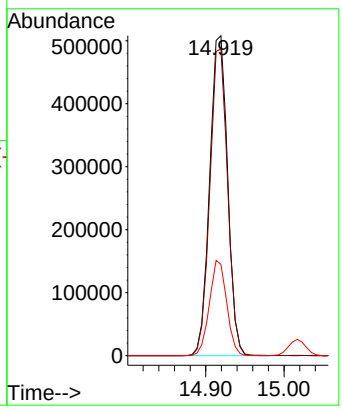


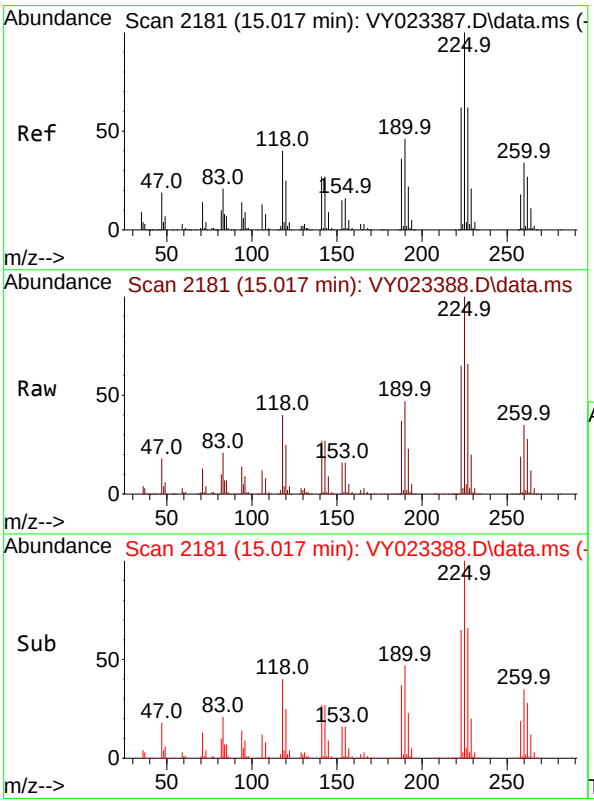
#93
1,2,4-Trichlorobenzene
Concen: 116.031 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 806328

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	28.7	14.7	44.1

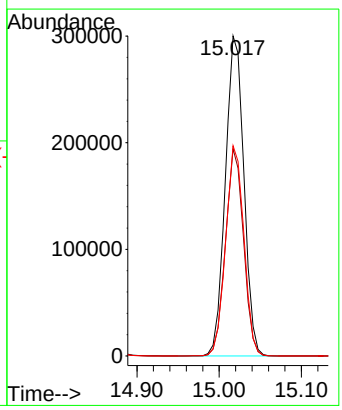


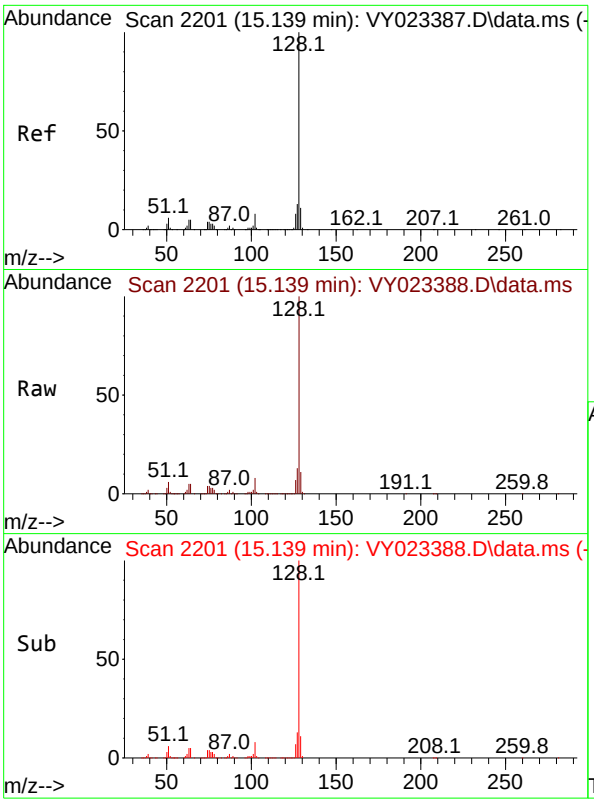


#94
Hexachlorobutadiene
Concen: 108.557 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:225 Resp: 470072

Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.3
227	64.6	31.9	95.7



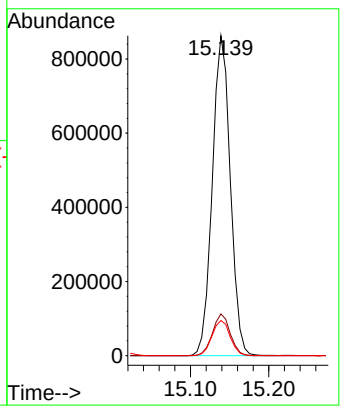


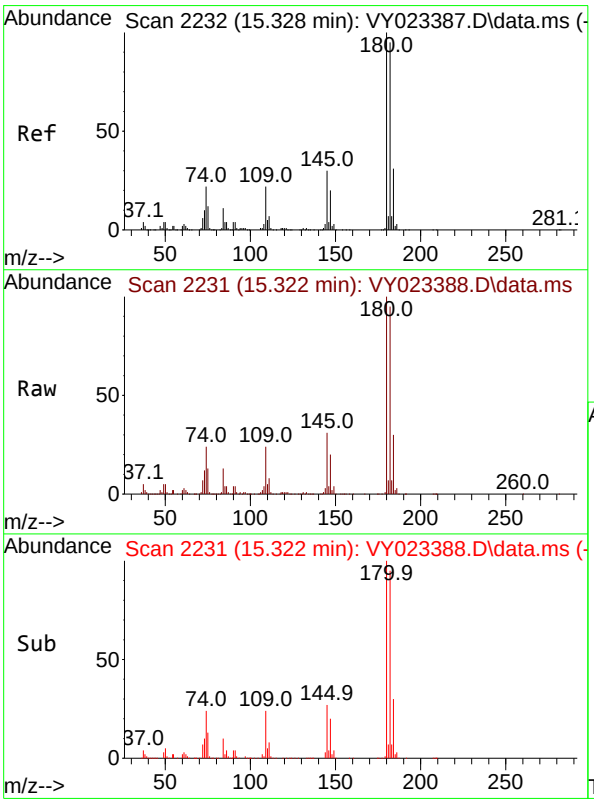
#95
Naphthalene
Concen: 124.485 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1378291

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.9	13.3

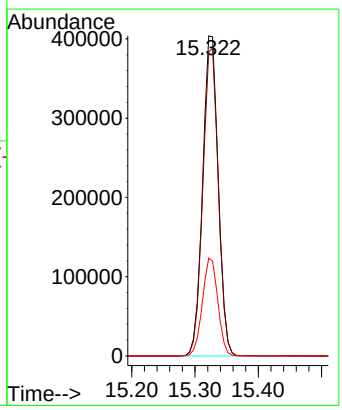




#96
1,2,3-Trichlorobenzene
Concen: 115.034 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:180 Resp: 693477

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	30.3	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	588489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	765357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	402368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	714730	140.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 280.480%#			
35) Dibromofluoromethane	7.634	113	778632	149.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 299.960%#			
50) Toluene-d8	10.103	98	2912319	148.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 297.480%#			
62) 4-Bromofluorobenzene	12.402	95	990964	160.423	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 320.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	587619	126.766	ug/l	97
3) Chloromethane	2.068	50	825167	125.233	ug/l	100
4) Vinyl Chloride	2.208	62	1118134	134.387	ug/l	100
5) Bromomethane	2.580	94	915389	134.118	ug/l	98
6) Chloroethane	2.726	64	756912	133.994	ug/l	99
7) Trichlorofluoromethane	3.050	101	1549160	144.948	ug/l	100
8) Diethyl Ether	3.452	74	418615	149.747	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	786278	137.639	ug/l	99
10) Methyl Iodide	4.007	142	992925	150.409	ug/l	99
11) Tert butyl alcohol	4.866	59	288878	963.279	ug/l	99
12) 1,1-Dichloroethene	3.787	96	781235	142.133	ug/l	97
13) Acrolein	3.653	56	423418	833.323	ug/l	100
14) Allyl chloride	4.385	41	988378	143.628	ug/l	99
15) Acrylonitrile	5.055	53	841857	768.735	ug/l	99
16) Acetone	3.866	43	789668	689.040	ug/l	99
17) Carbon Disulfide	4.104	76	2199339	128.252	ug/l	100
18) Methyl Acetate	4.385	43	505344	173.497	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	2056533	159.802	ug/l	97
20) Methylene Chloride	4.616	84	835005	134.365	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	871380	142.549	ug/l	98
22) Diisopropyl ether	6.019	45	2218430	145.375	ug/l	99
23) Vinyl Acetate	5.958	43	6377047	760.246	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1398477	139.024	ug/l	98
25) 2-Butanone	6.890	43	1116343	788.091	ug/l	97
26) 2,2-Dichloropropane	6.884	77	1281633	143.391	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	1043574	150.505	ug/l	98
28) Bromochloromethane	7.244	49	482210	123.567	ug/l	99
29) Tetrahydrofuran	7.262	42	687719	817.972	ug/l	100
30) Chloroform	7.421	83	1542715	142.221	ug/l	99
31) Cyclohexane	7.701	56	1192778	134.268	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	1405131	144.305	ug/l	100
36) 1,1-Dichloropropene	7.835	75	1069665	146.031	ug/l	100
37) Ethyl Acetate	6.982	43	460027	158.853	ug/l	98
38) Carbon Tetrachloride	7.817	117	1290353	151.646	ug/l	99
39) Methylcyclohexane	9.109	83	1496612	159.580	ug/l	99
40) Benzene	8.079	78	3366812	147.442	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	246974	164.212	ug/l		98
42) 1,2-Dichloroethane	8.158	62	866250	149.063	ug/l		100
43) Isopropyl Acetate	8.195	43	946087	167.955	ug/l		100
44) Trichloroethene	8.866	130	966011	150.740	ug/l		99
45) 1,2-Dichloropropane	9.140	63	752286	146.403	ug/l		99
46) Dibromomethane	9.231	93	483702	153.895	ug/l		99
47) Bromodichloromethane	9.420	83	1202247	151.965	ug/l		98
48) Methyl methacrylate	9.219	41	463614	176.368	ug/l		100
49) 1,4-Dioxane	9.225	88	123991	3809.726	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	2516107	872.045	ug/l		100
52) Toluene	10.170	92	2272574	156.786	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	1123644	165.367	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	1296713	159.654	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	652242	156.020	ug/l		96
56) Ethyl methacrylate	10.438	69	886127	184.048	ug/l		100
57) 1,3-Dichloropropane	10.713	76	1049593	155.122	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	2040136	968.559	ug/l		100
59) 2-Hexanone	10.755	43	1776032	889.038	ug/l		99
60) Dibromochloromethane	10.908	129	935577	164.084	ug/l		99
61) 1,2-Dibromoethane	11.012	107	639895	162.699	ug/l		99
64) Tetrachloroethene	10.646	164	1046931	136.739	ug/l		98
65) Chlorobenzene	11.438	112	2563176	154.117	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	923367	157.870	ug/l		99
67) Ethyl Benzene	11.518	91	4341801	159.957	ug/l		97
68) m/p-Xylenes	11.627	106	3502137	321.899	ug/l		99
69) o-Xylene	11.950	106	1694987	168.295	ug/l		98
70) Styrene	11.969	104	2830398	170.203	ug/l		99
71) Bromoform	12.127	173	602644	172.115	ug/l	#	99
73) Isopropylbenzene	12.249	105	4290662	160.084	ug/l		100
74) N-amyl acetate	12.066	43	890882	177.866	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	737773	165.010	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	940308	236.912	ug/l	#	100
77) Bromobenzene	12.530	156	1111318	161.555	ug/l		100
78) n-propylbenzene	12.591	91	4932015	156.465	ug/l		99
79) 2-Chlorotoluene	12.676	91	2822049	155.063	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	3496249	160.460	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	245190	166.570	ug/l		98
82) 4-Chlorotoluene	12.773	91	2902371	152.701	ug/l		99
83) tert-Butylbenzene	12.993	119	3220384	162.197	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	3503639	162.527	ug/l		99
85) sec-Butylbenzene	13.170	105	4560715	158.609	ug/l		99
86) p-Isopropyltoluene	13.286	119	4024712	165.622	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	2165278	159.350	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	2090133	155.104	ug/l		100
89) n-Butylbenzene	13.615	91	3505715	163.379	ug/l		99
90) Hexachloroethane	13.877	117	799264	151.487	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1862691	157.101	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	116273	164.099	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	1272621	182.183	ug/l		100
94) Hexachlorobutadiene	15.017	225	711748	163.518	ug/l		98
95) Naphthalene	15.139	128	2277549	204.639	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	1110193	183.206	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

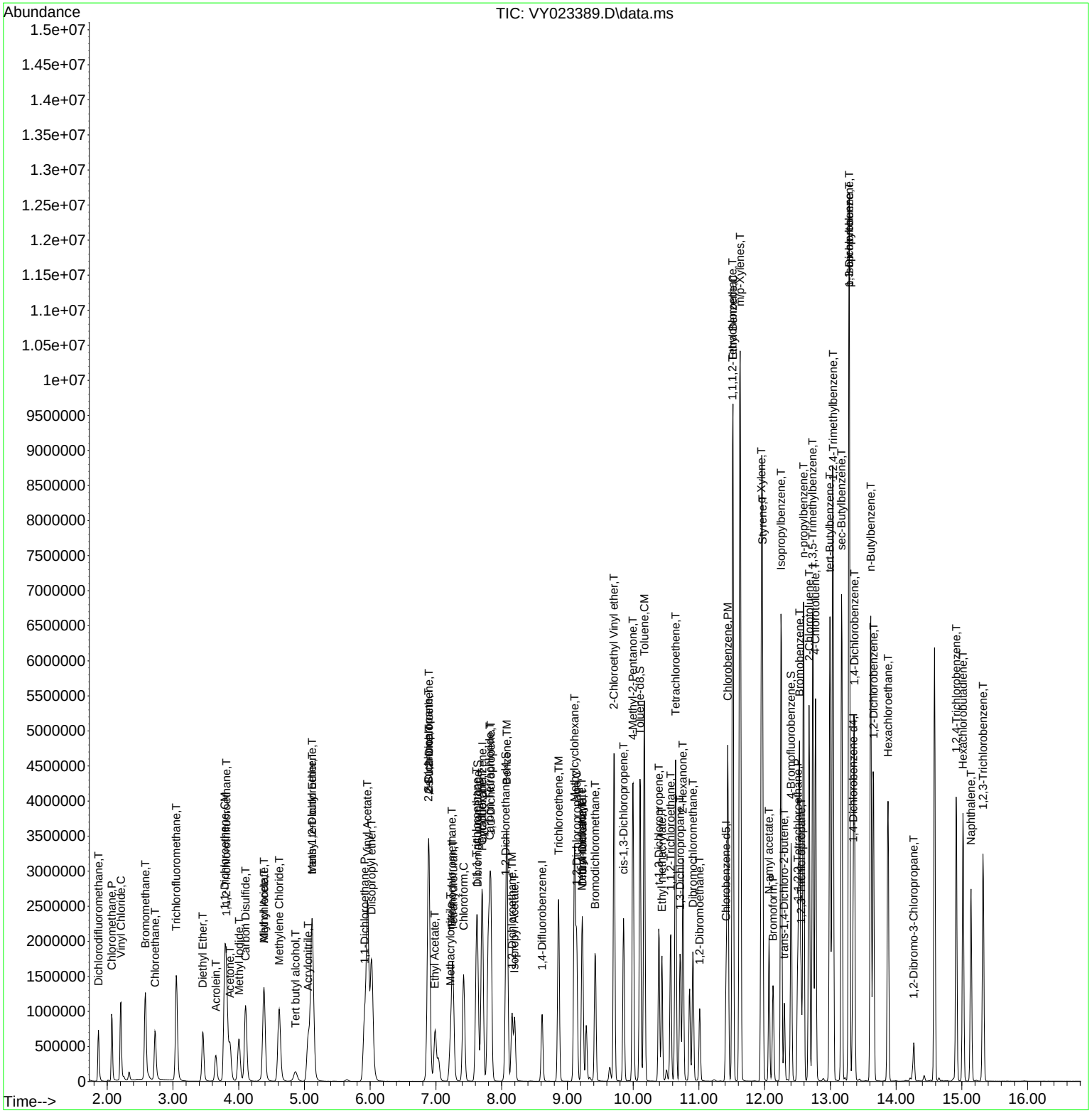
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

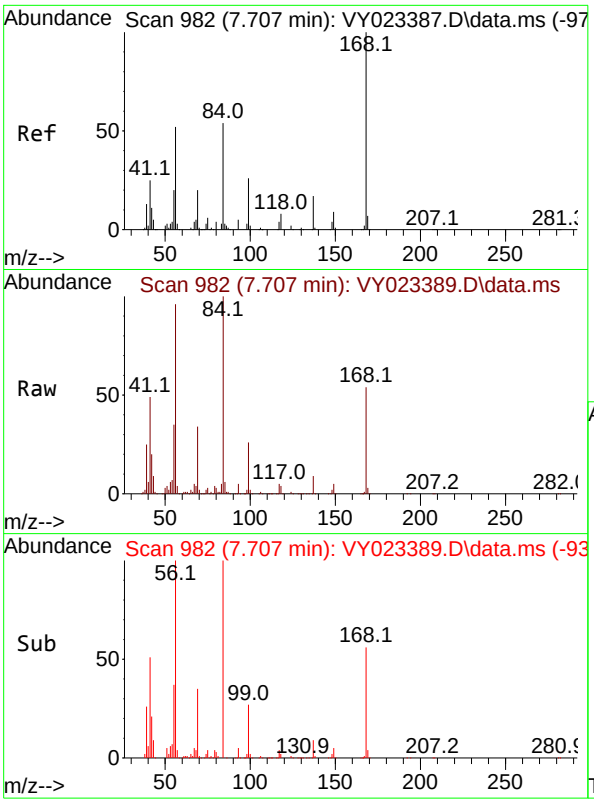
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration



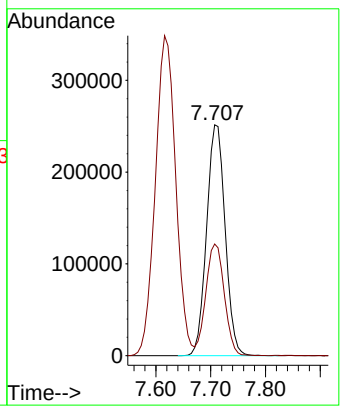


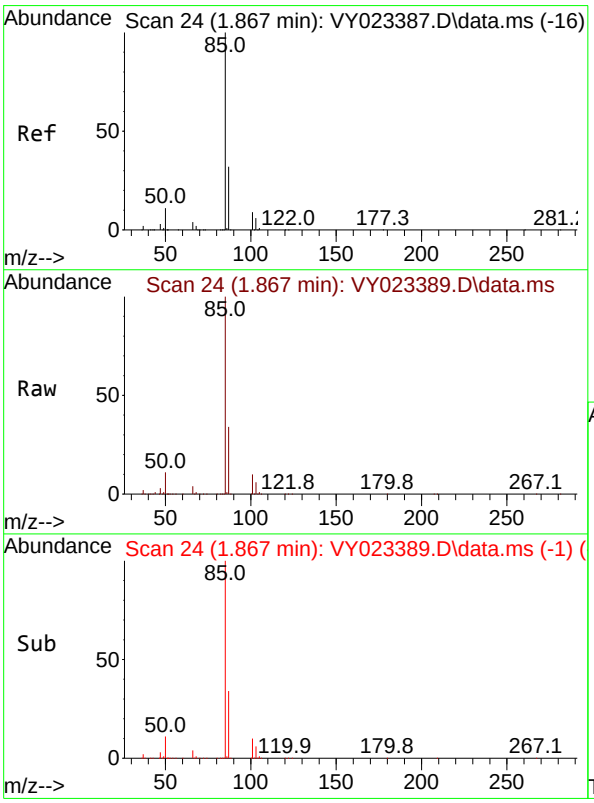
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 588489

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.7	59.5

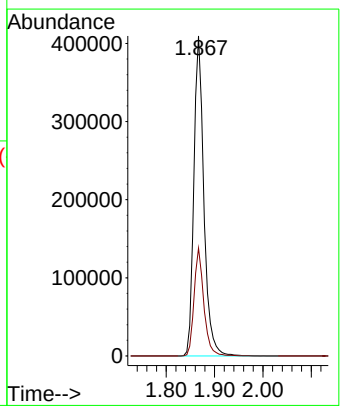


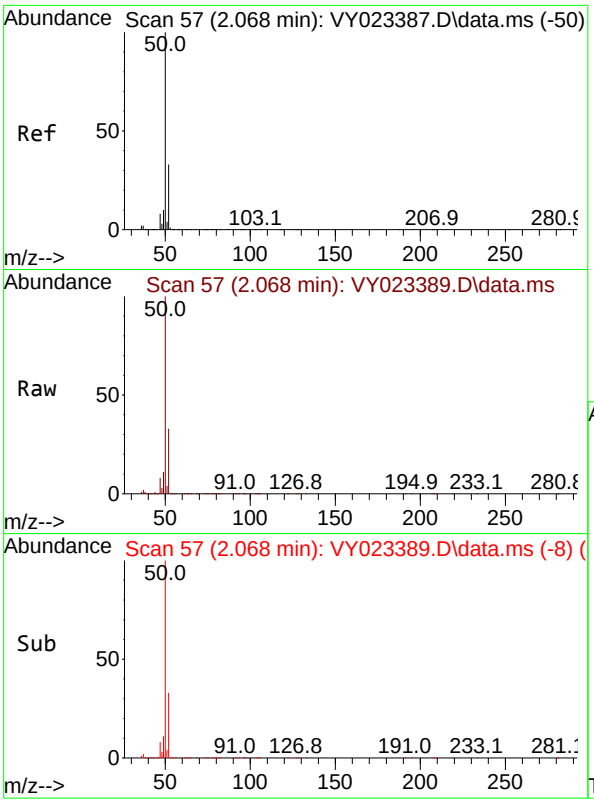


#2
Dichlorodifluoromethane
Concen: 126.766 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 85 Resp: 587619

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.0	47.9



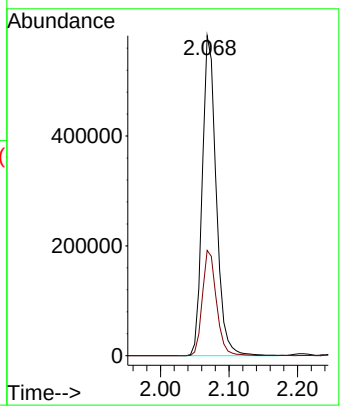


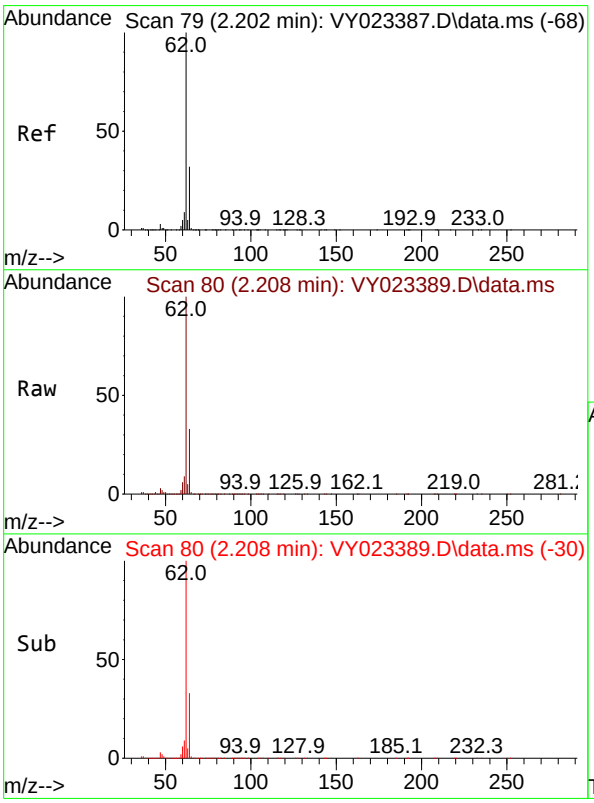
#3
Chloromethane
Concen: 125.233 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 825167

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.2	39.2

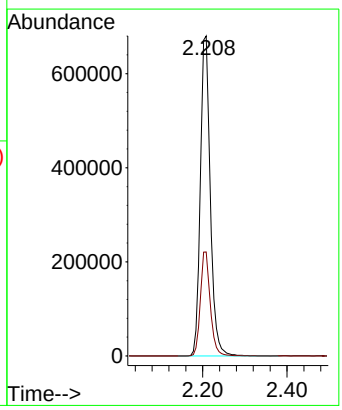


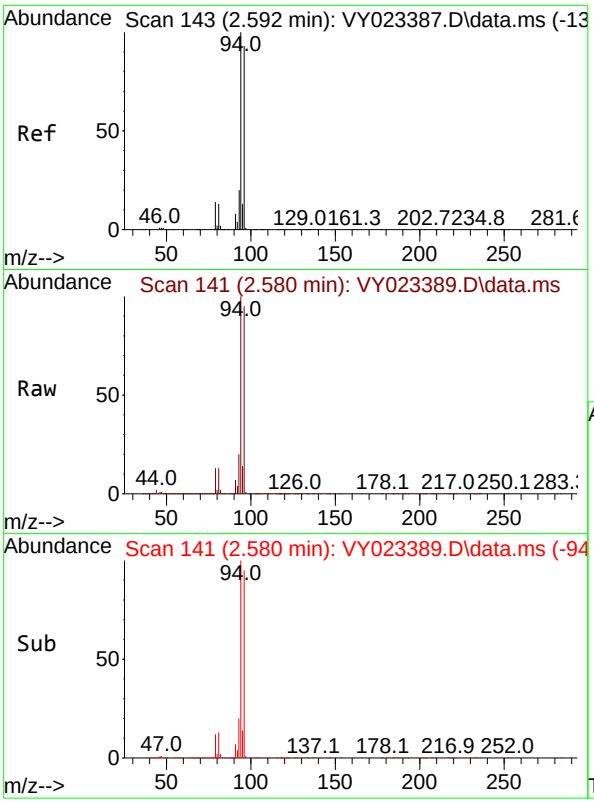


#4
Vinyl Chloride
Concen: 134.387 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 62 Resp: 1118134

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



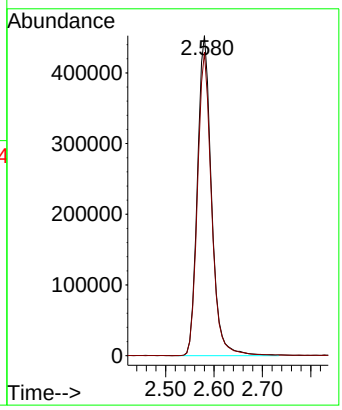


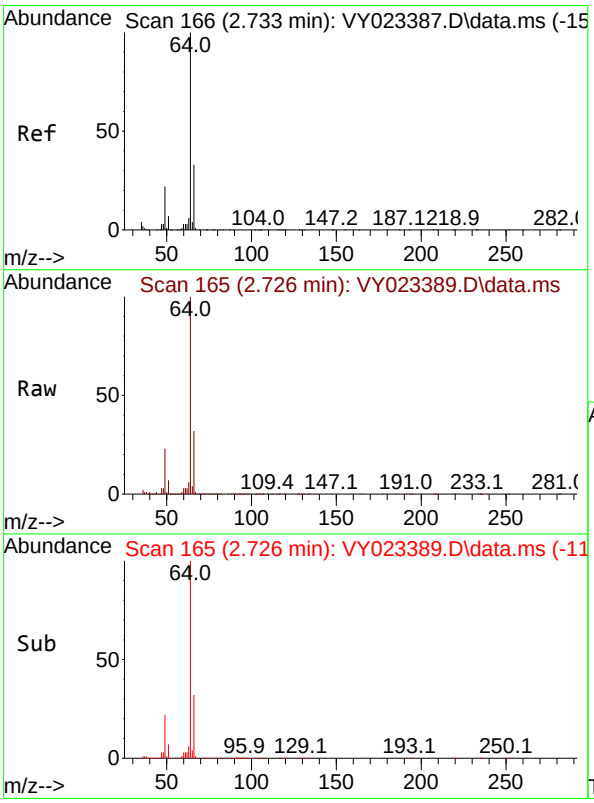
#5
Bromomethane
Concen: 134.118 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 915389

Ion	Ratio	Lower	Upper
94	100		
96	94.8	74.5	111.7

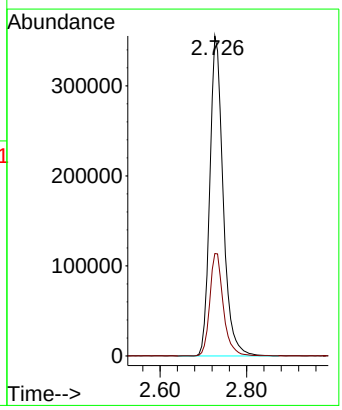


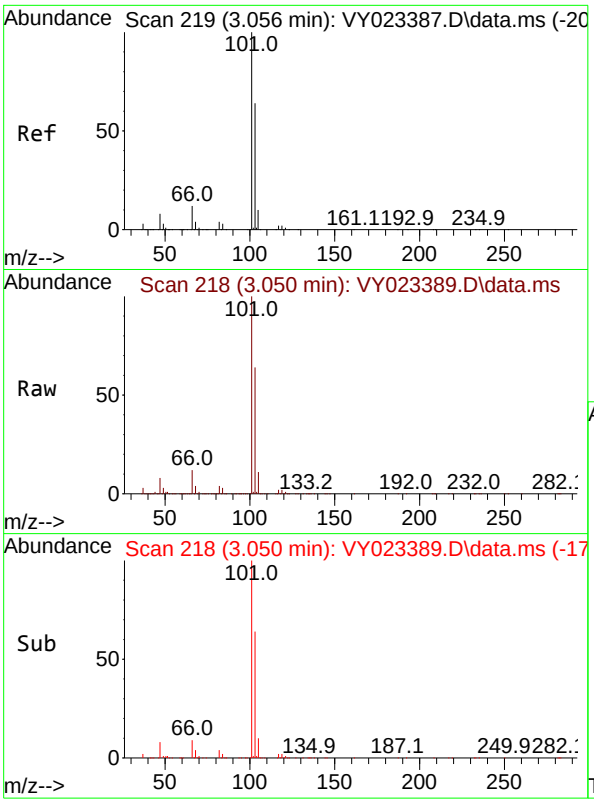


#6
Chloroethane
Concen: 133.994 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 64 Resp: 756912

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4



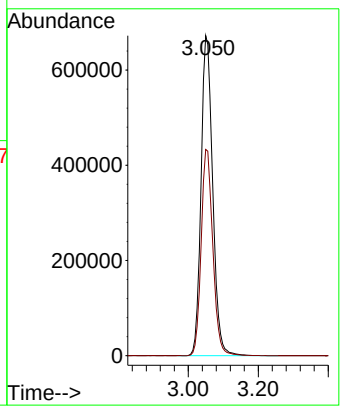


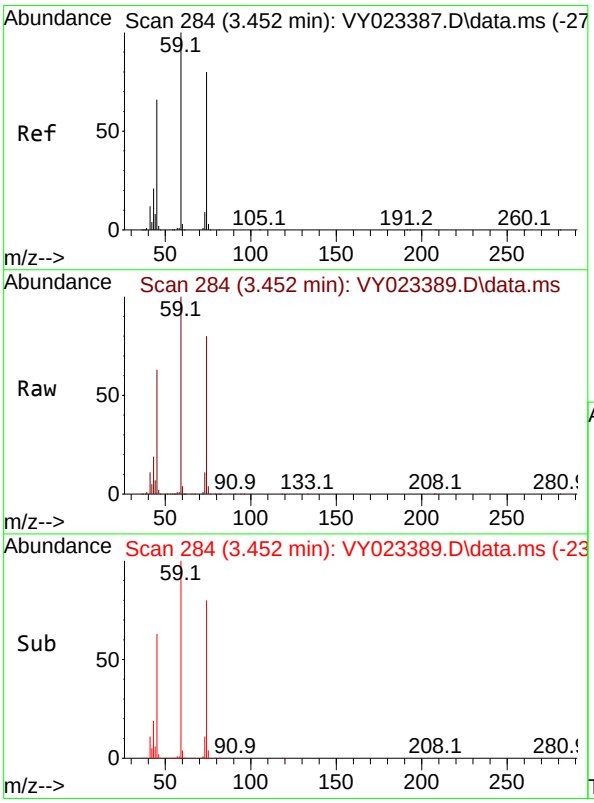
#7
Trichlorofluoromethane
Concen: 144.948 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 1549160

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.3	76.9

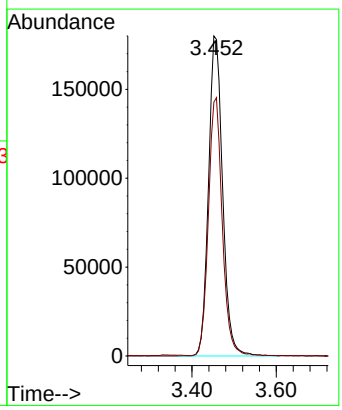


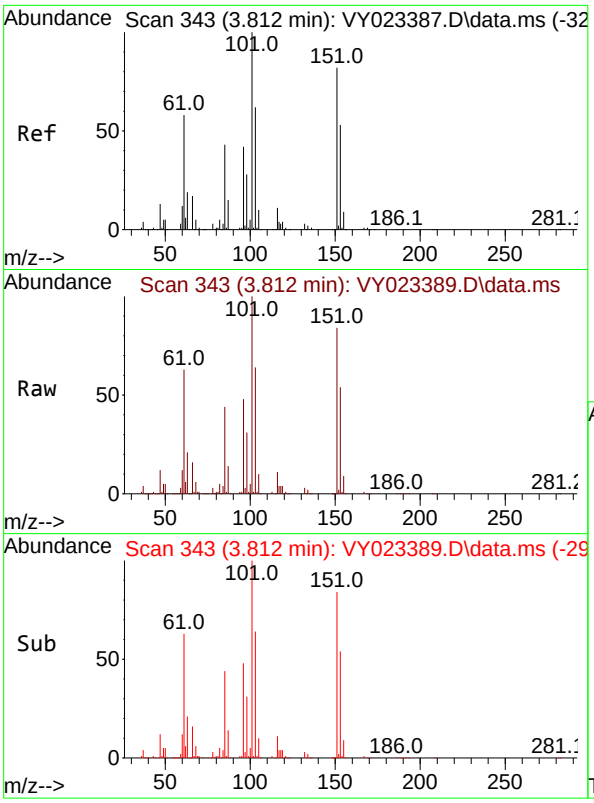


#8
Diethyl Ether
Concen: 149.747 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 74 Resp: 418615

Ion	Ratio	Lower	Upper
74	100		
45	79.7	39.9	119.7



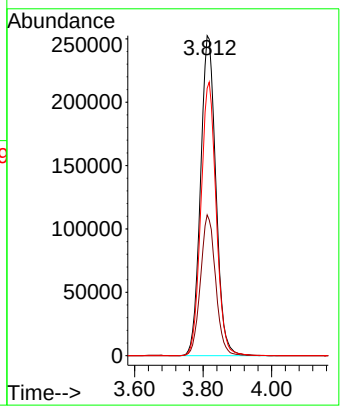


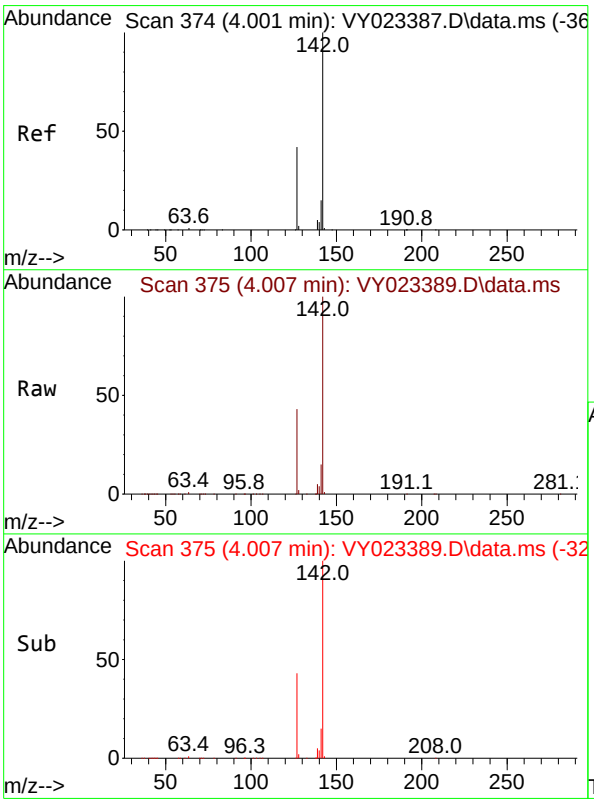
#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.639 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 786278

Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.6	51.8
151	85.2	67.0	100.6

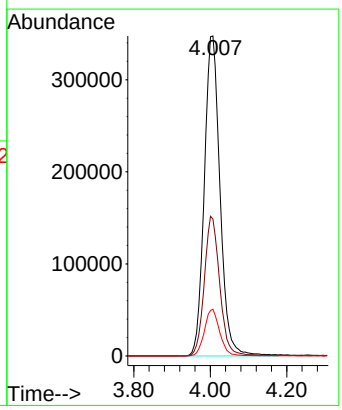


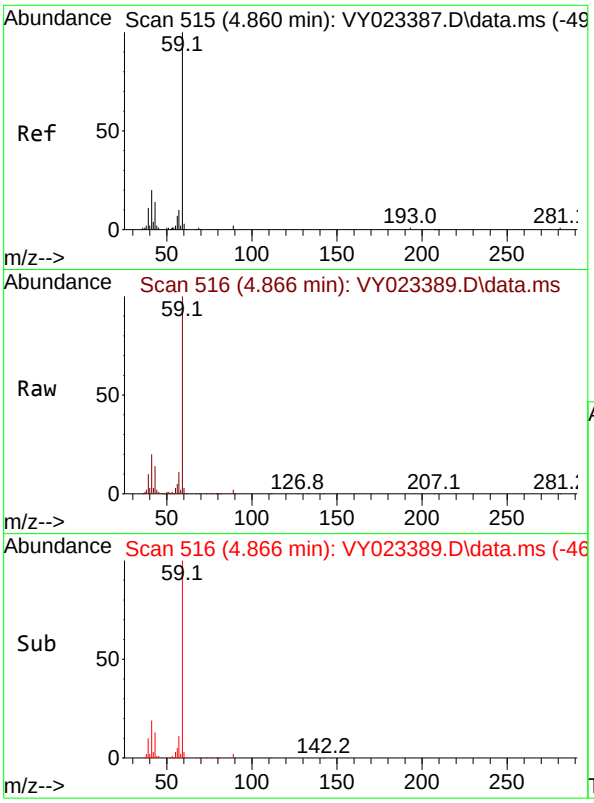


#10
Methyl Iodide
Concen: 150.409 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:142 Resp: 992925

Ion	Ratio	Lower	Upper
142	100		
127	42.8	34.8	52.2
141	14.1	11.6	17.4



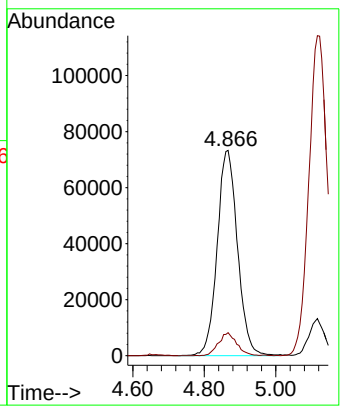


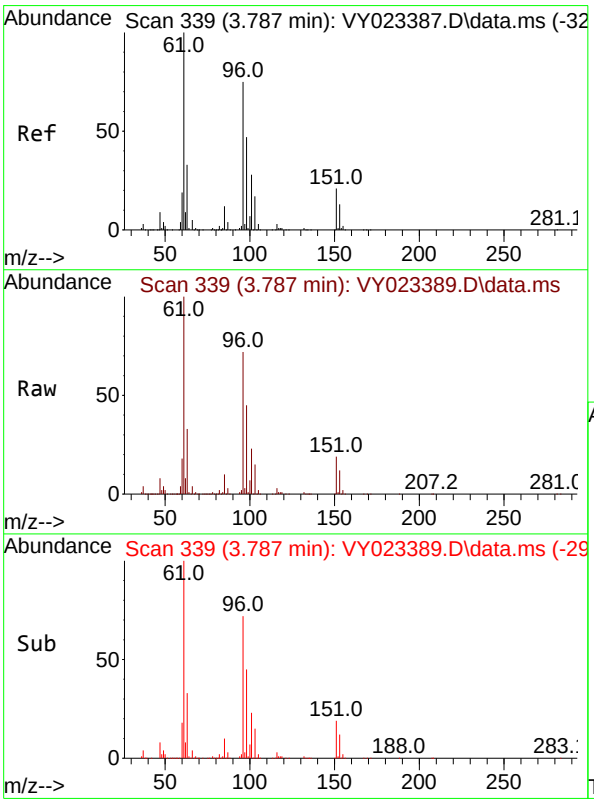
#11
Tert butyl alcohol
Concen: 963.279 ug/l
RT: 4.866 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 288878

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

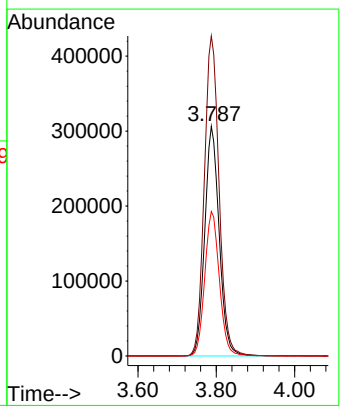


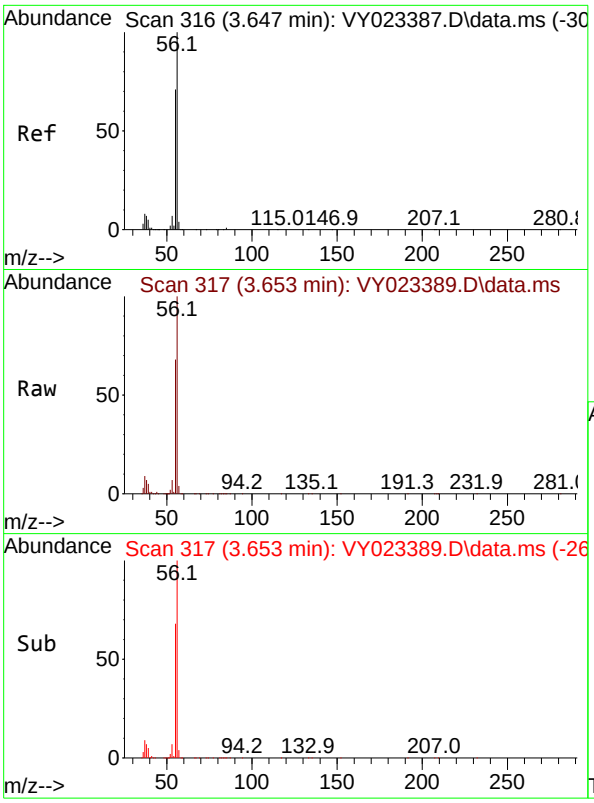


#12
1,1-Dichloroethene
Concen: 142.133 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 96 Resp: 781235

Ion	Ratio	Lower	Upper
96	100		
61	139.3	106.7	160.1
98	62.9	50.2	75.4



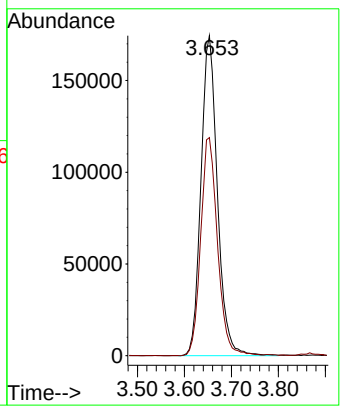


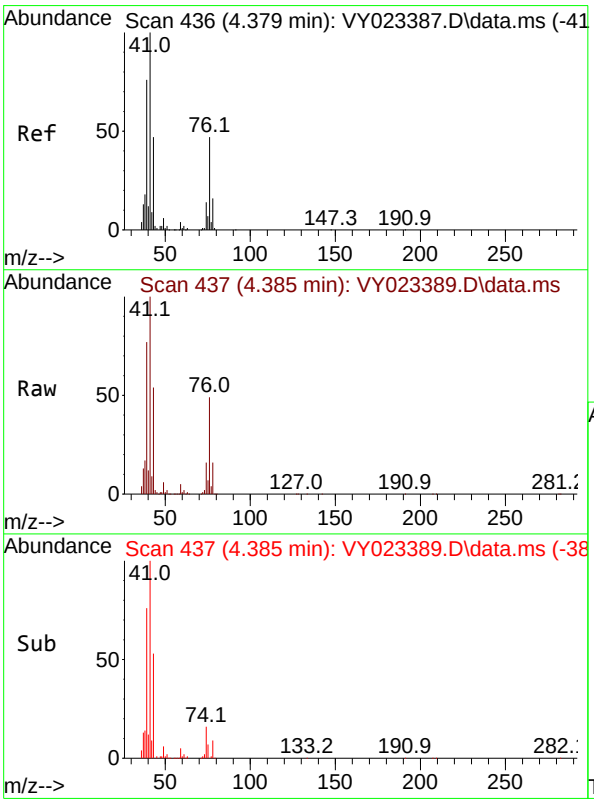
#13
Acrolein
Concen: 833.323 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 423418

Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.1	84.1

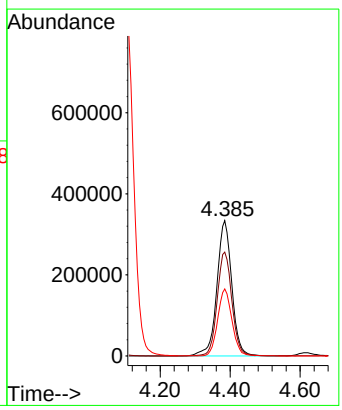


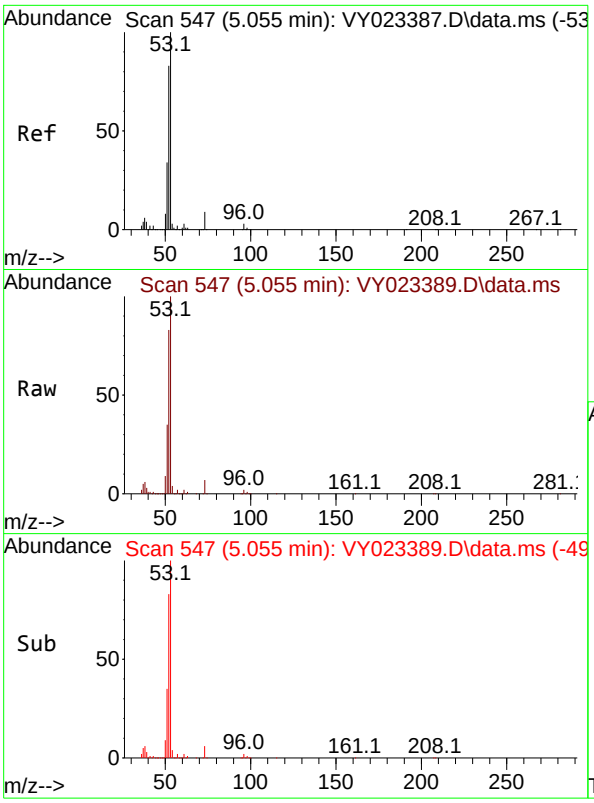


#14
Allyl chloride
Concen: 143.628 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 41 Resp: 988378

Ion	Ratio	Lower	Upper
41	100		
39	75.6	59.9	89.9
76	47.2	38.0	57.0



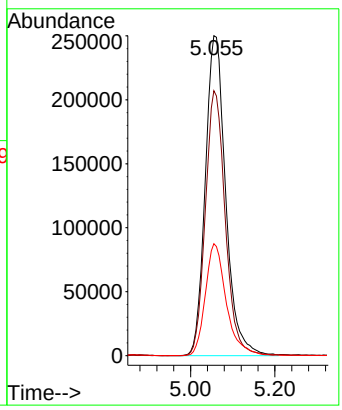


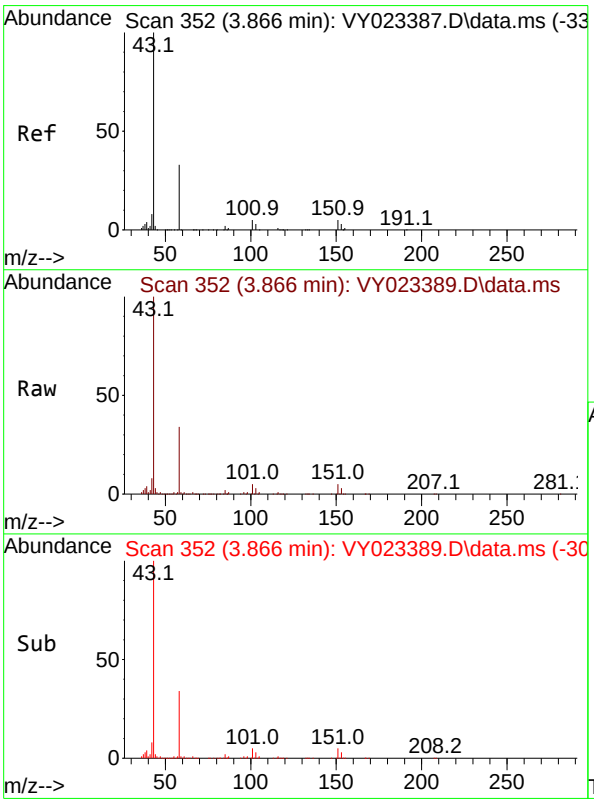
#15
Acrylonitrile
Concen: 768.735 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 841857

Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.6	97.0
51	36.0	29.5	44.3

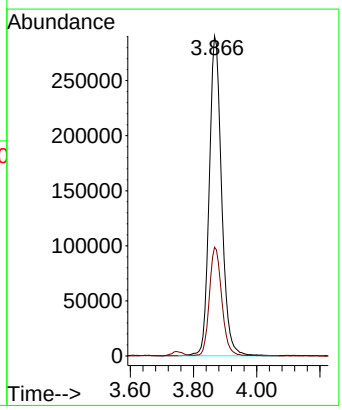


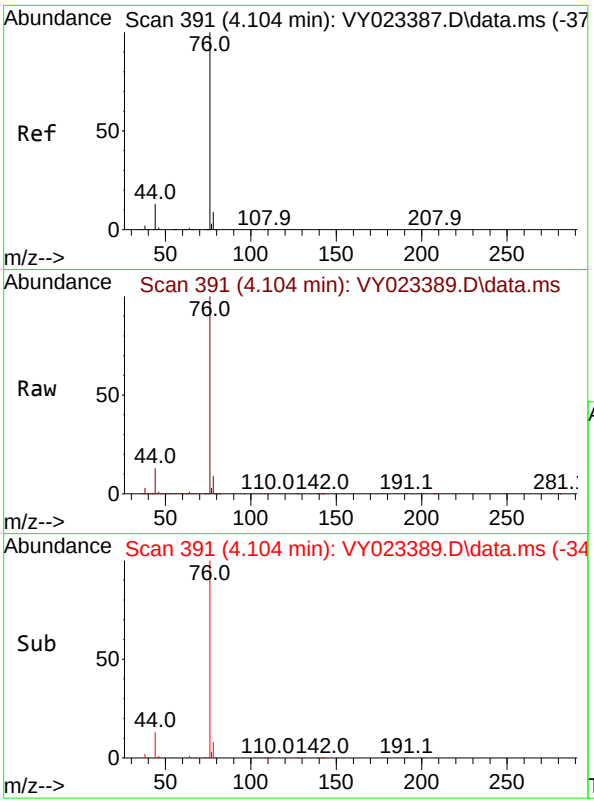


#16
Acetone
Concen: 689.040 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 789668

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.7	41.5



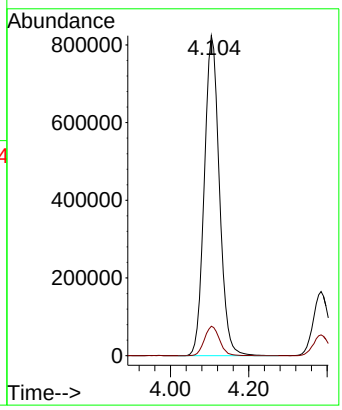


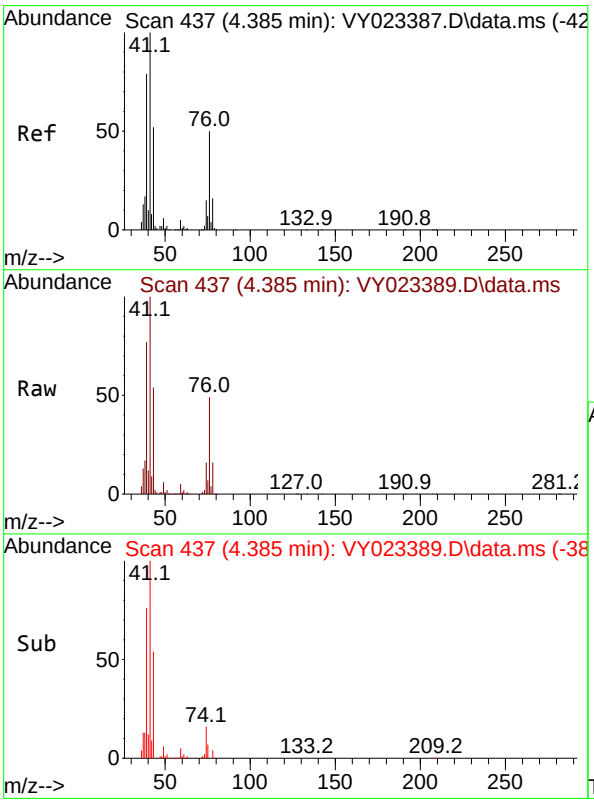
#17
Carbon Disulfide
Concen: 128.252 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 2199339

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

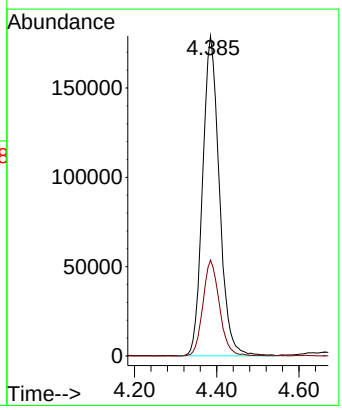


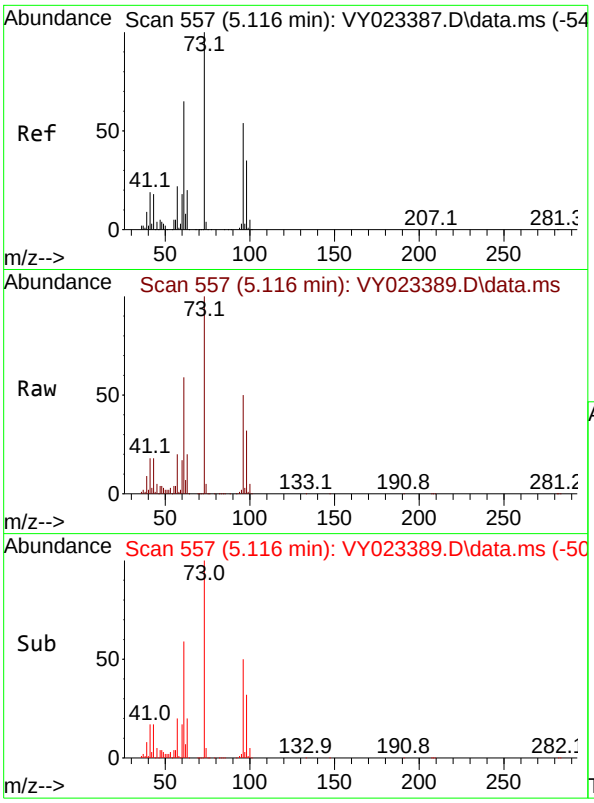


#18
Methyl Acetate
Concen: 173.497 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 505344

Ion	Ratio	Lower	Upper
43	100		
74	29.7	24.2	36.4



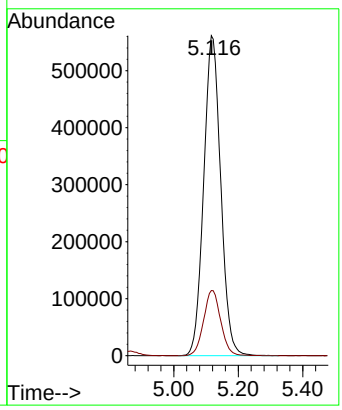


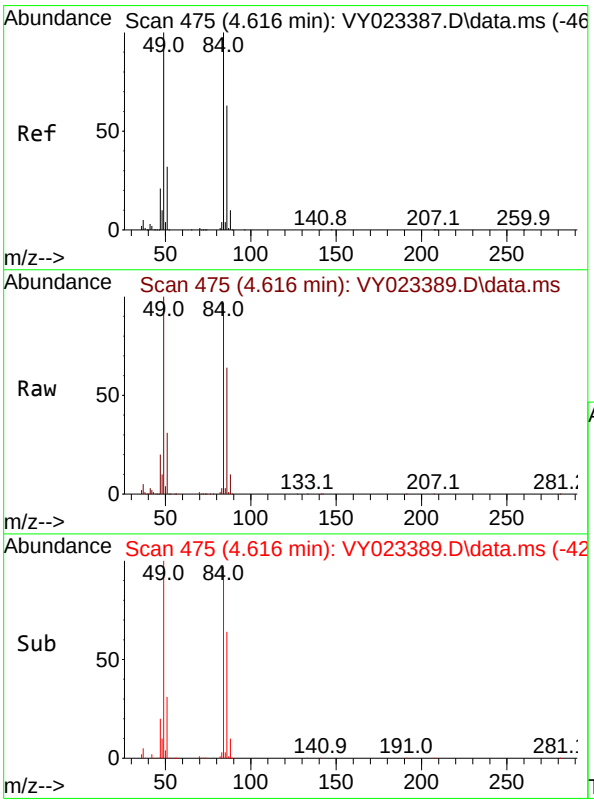
#19
Methyl tert-butyl Ether
Concen: 159.802 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 2056533

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.0

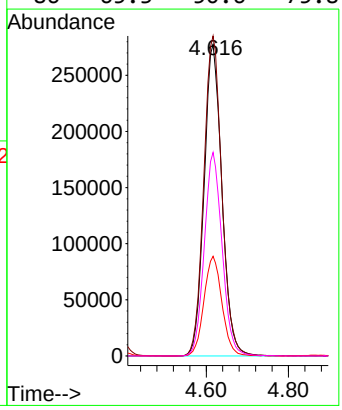


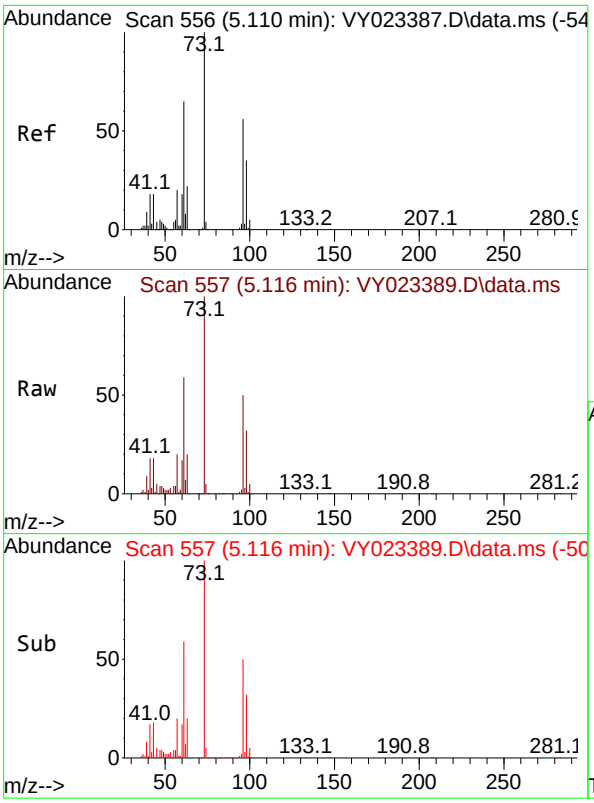


#20
Methylene Chloride
Concen: 134.365 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 84 Resp: 835005

Ion	Ratio	Lower	Upper
84	100		
49	102.7	80.2	120.4
51	31.9	25.9	38.9
86	65.3	50.6	75.8



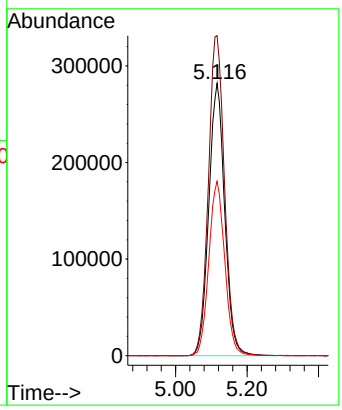


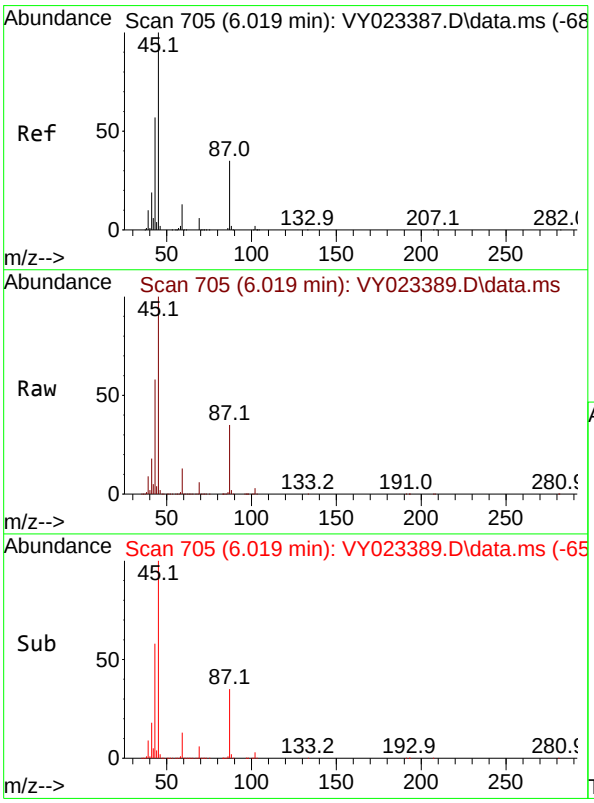
#21
trans-1,2-Dichloroethene
Concen: 142.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 871380

Ion	Ratio	Lower	Upper
96	100		
61	117.5	92.7	139.1
98	64.1	49.7	74.5

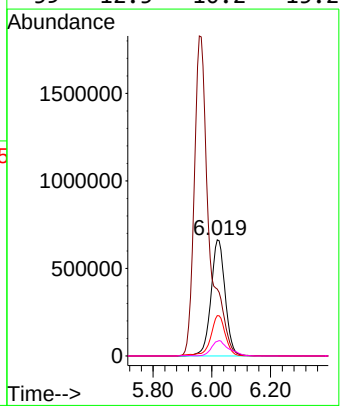


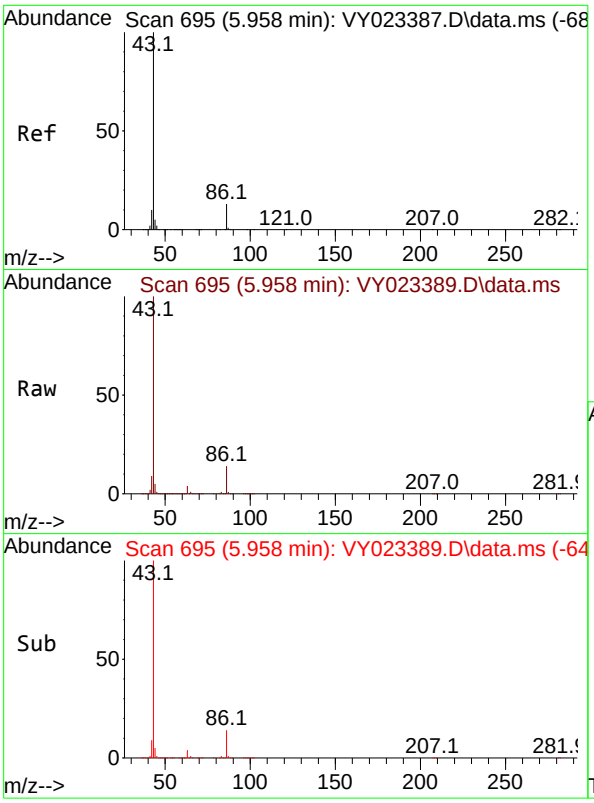


#22
Diisopropyl ether
Concen: 145.375 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 45 Resp: 2218430

Ion	Ratio	Lower	Upper
45	100		
43	57.6	45.6	68.4
87	34.7	28.1	42.1
59	12.5	10.2	15.2



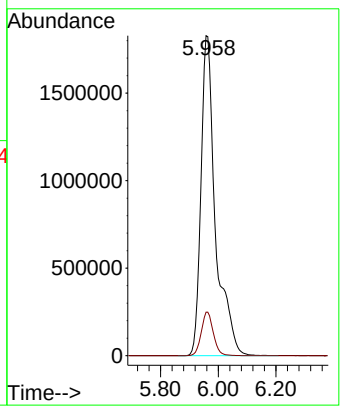


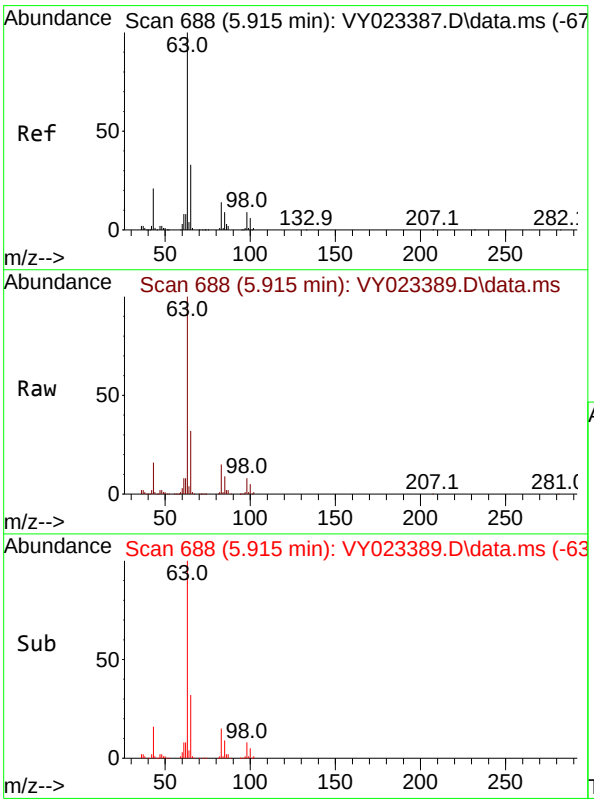
#23
Vinyl Acetate
Concen: 760.246 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 6377047

Ion	Ratio	Lower	Upper
43	100		
86	13.6	10.6	15.8

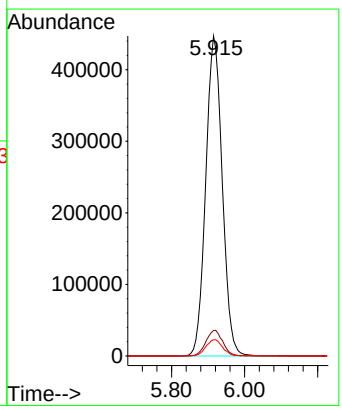


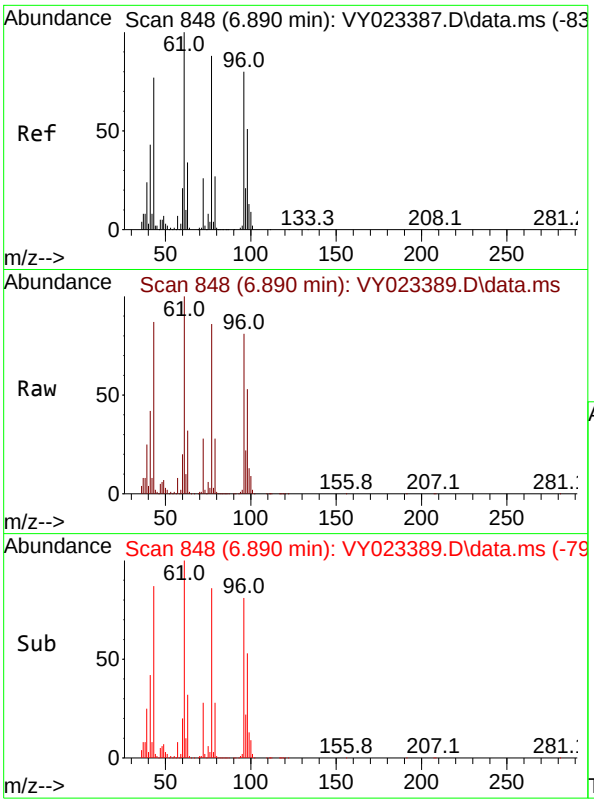


#24
1,1-Dichloroethane
Concen: 139.024 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 63 Resp: 1398477

Ion	Ratio	Lower	Upper
63	100		
98	8.0	4.3	13.1
100	5.0	2.8	8.4



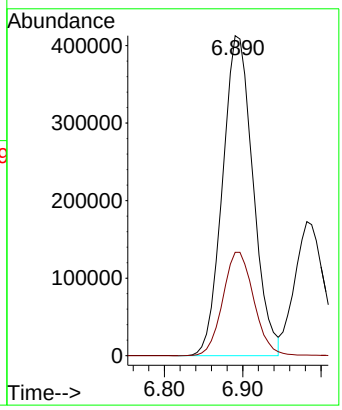


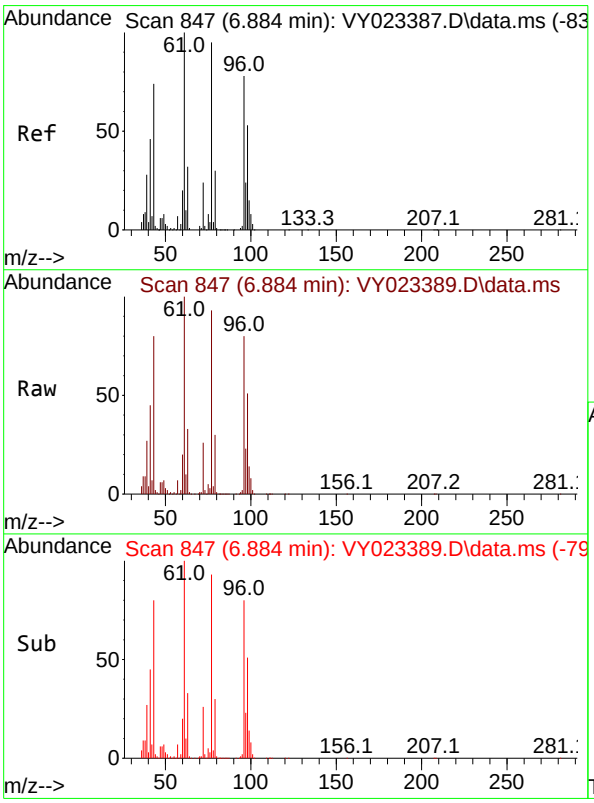
#25
2-Butanone
Concen: 788.091 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1116343

Ion	Ratio	Lower	Upper
43	100		
72	32.3	27.4	41.2

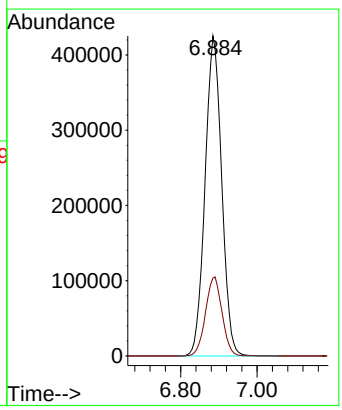


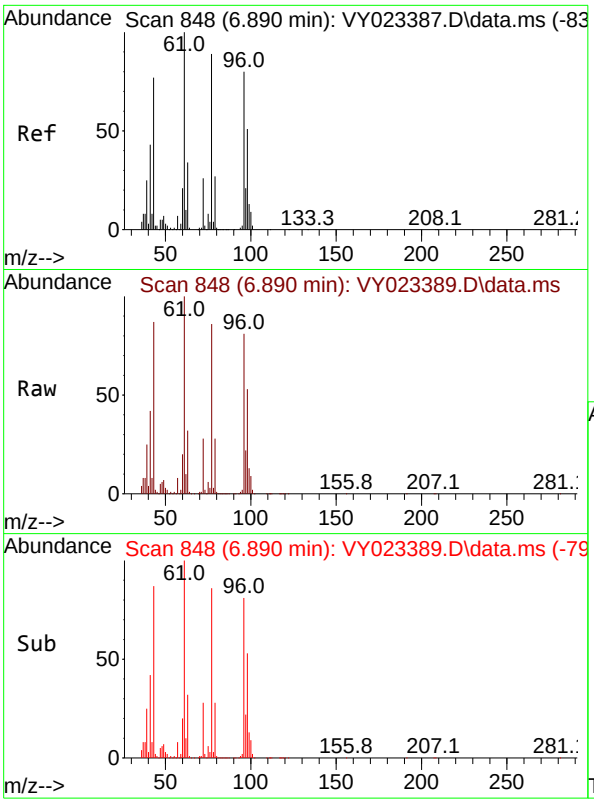


#26
2,2-Dichloropropane
Concen: 143.391 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 77 Resp: 1281633

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.1	36.3



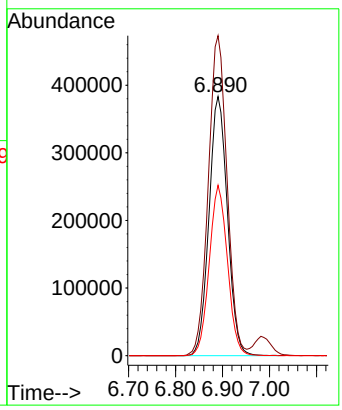


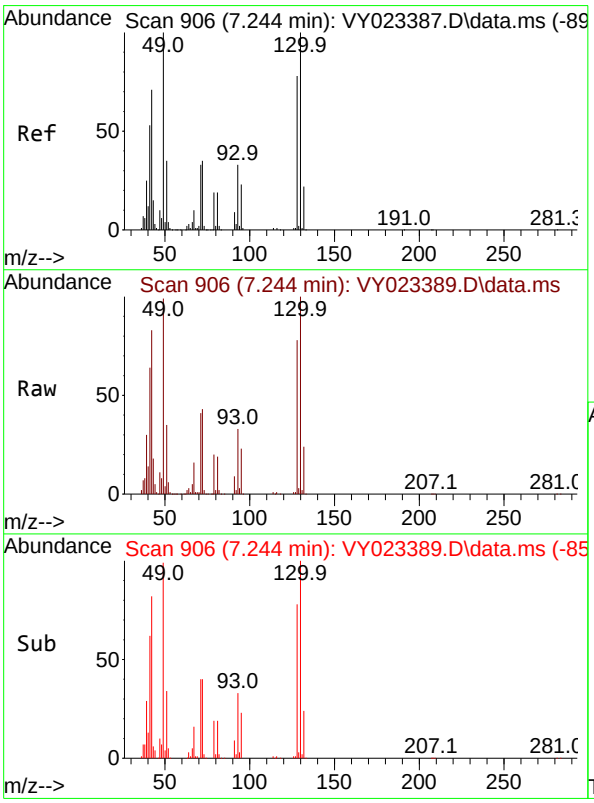
#27
cis-1,2-Dichloroethene
Concen: 150.505 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 1043574

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	258.2
98	65.0	0.0	132.0

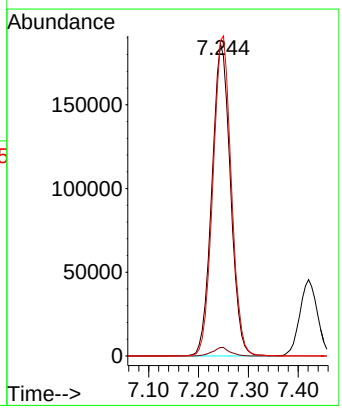


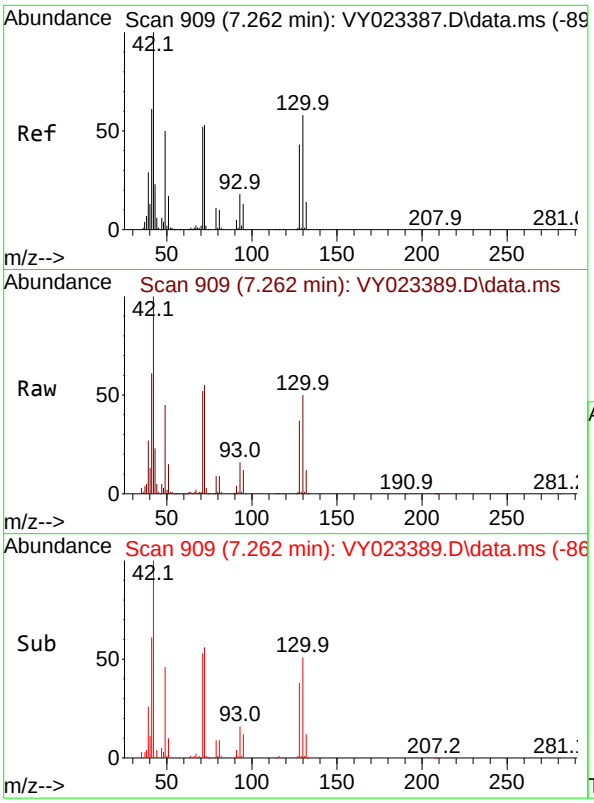


#28
Bromochloromethane
Concen: 123.567 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 49 Resp: 482210

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	101.2	81.9	122.9



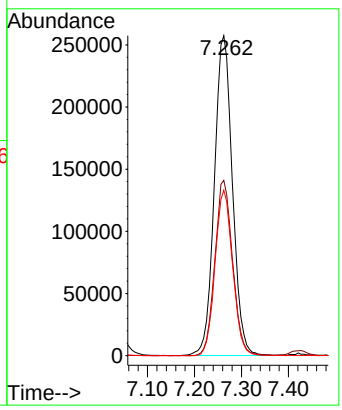


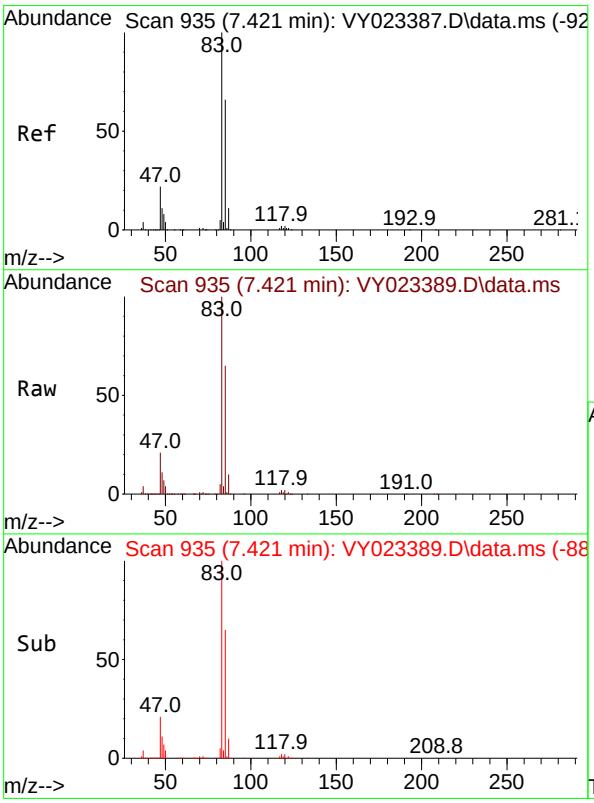
#29
Tetrahydrofuran
Concen: 817.972 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 687719

Ion	Ratio	Lower	Upper
42	100		
72	53.9	43.0	64.6
71	50.4	40.1	60.1

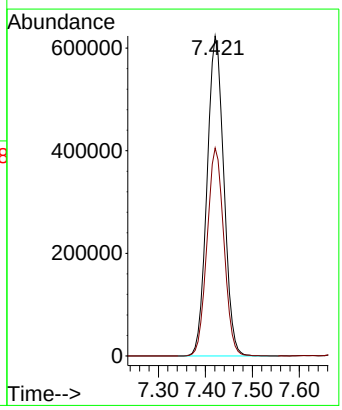


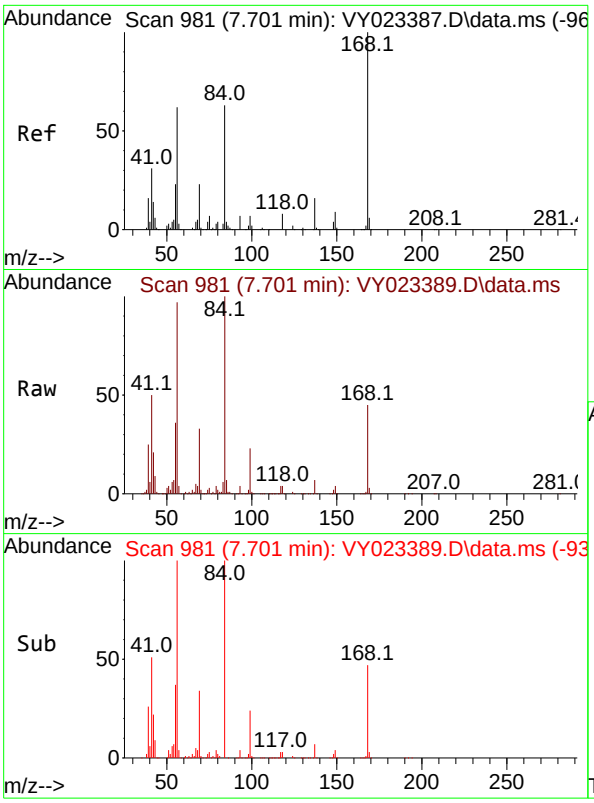


#30
Chloroform
Concen: 142.221 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 83 Resp: 1542715

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7



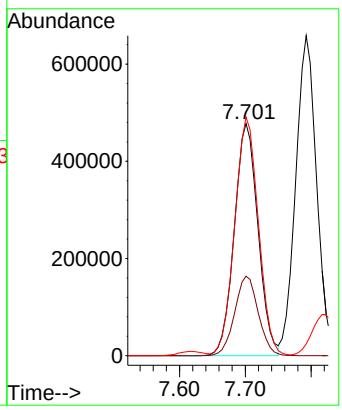


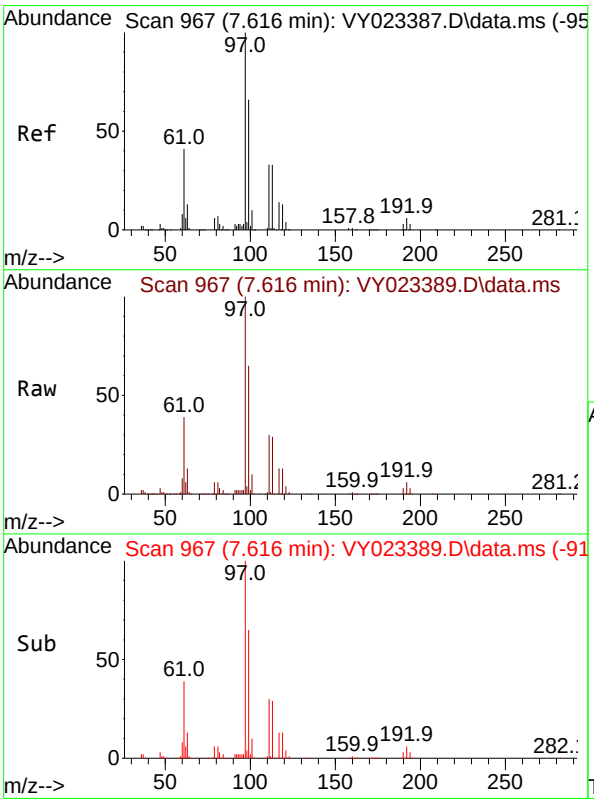
#31
Cyclohexane
Concen: 134.268 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 1192778

Ion	Ratio	Lower	Upper
56	100		
69	34.2	30.0	45.0
84	101.7	81.2	121.8

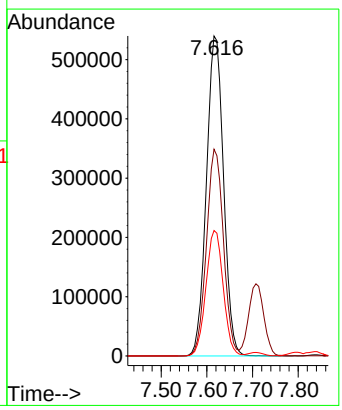


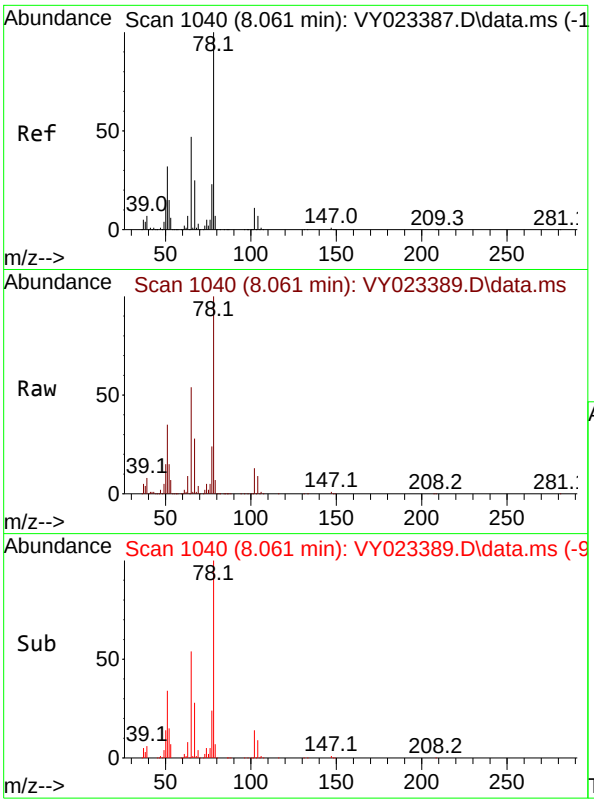


#32
1,1,1-Trichloroethane
Concen: 144.305 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 97 Resp: 1405131

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.5	31.9	47.9



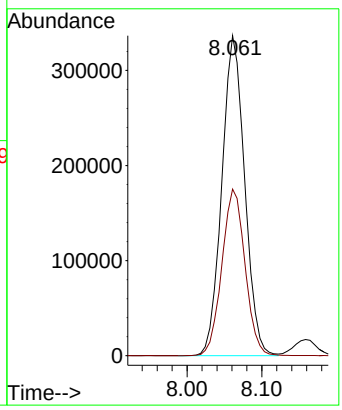


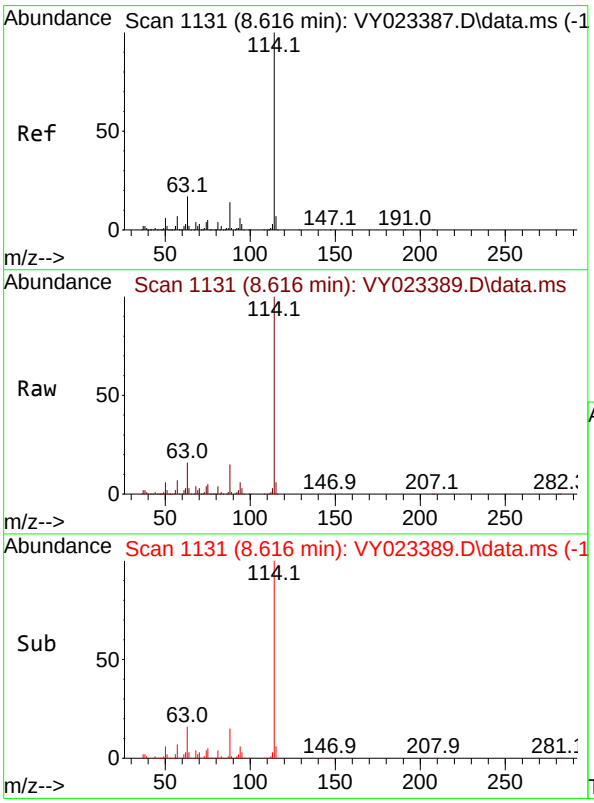
#33
1,2-Dichloroethane-d4
Concen: 140.236 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 714730

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8

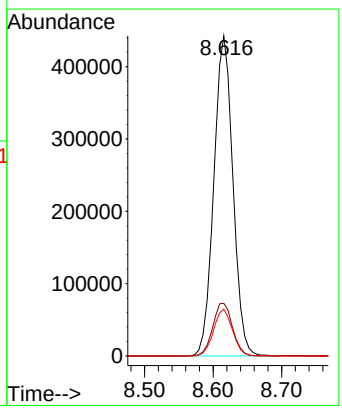


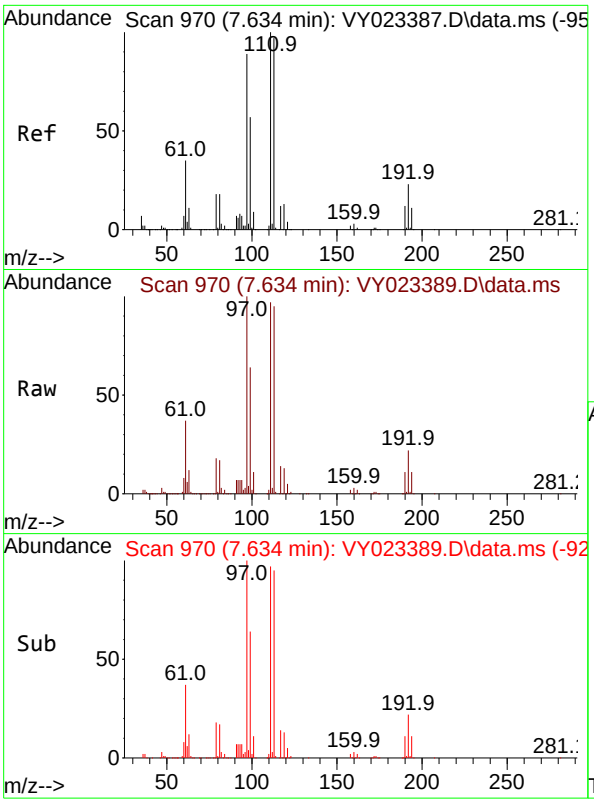


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:114 Resp: 855488

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	34.2
88	14.6	0.0	28.4



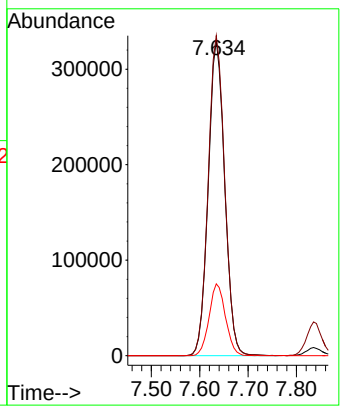


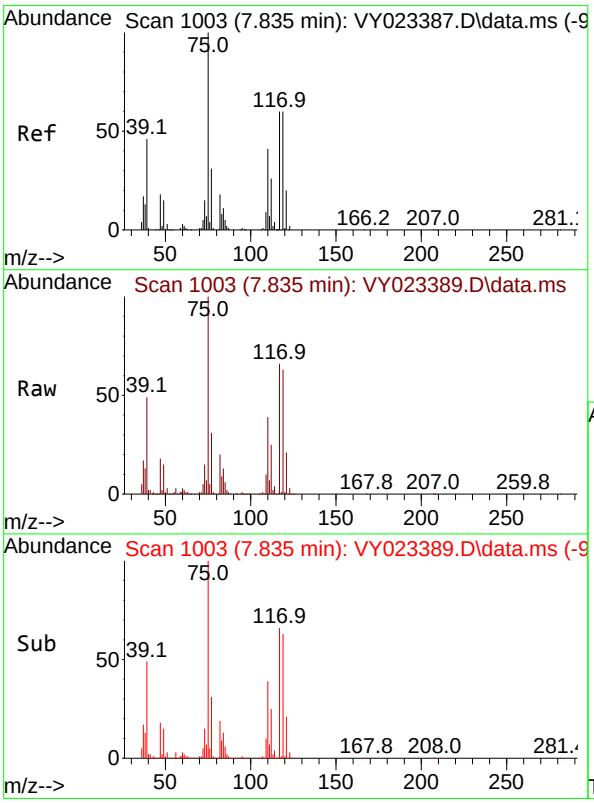
#35
Dibromofluoromethane
Concen: 149.977 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 778632

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.7	18.0	27.0

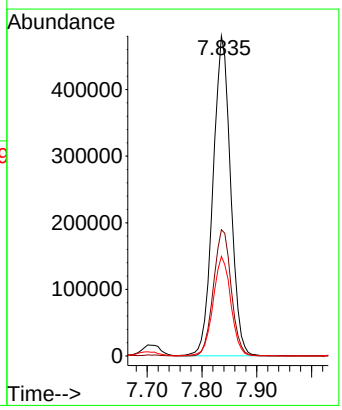


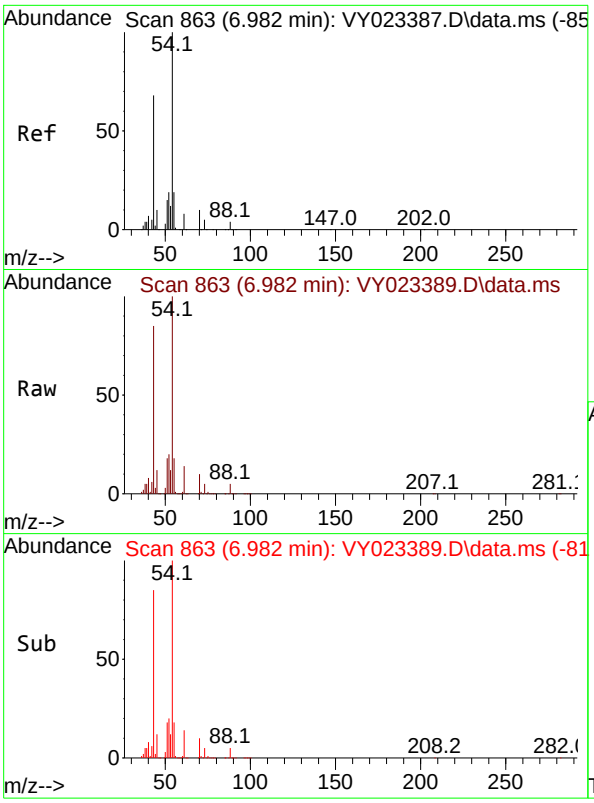


#36
1,1-Dichloropropene
Concen: 146.031 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 1069665

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.9	59.7
77	31.4	25.0	37.6



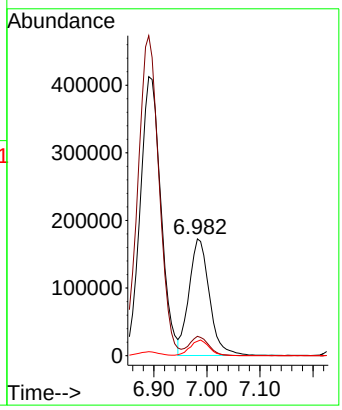


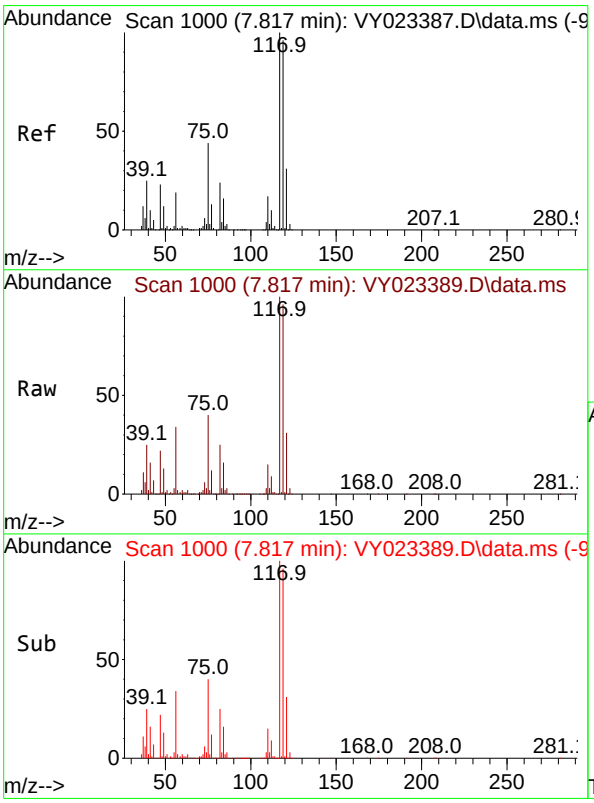
#37
Ethyl Acetate
Concen: 158.853 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 460027

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	12.7	10.5	15.7

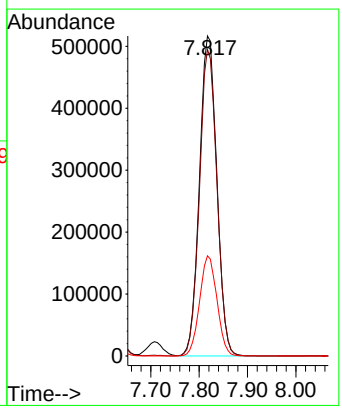


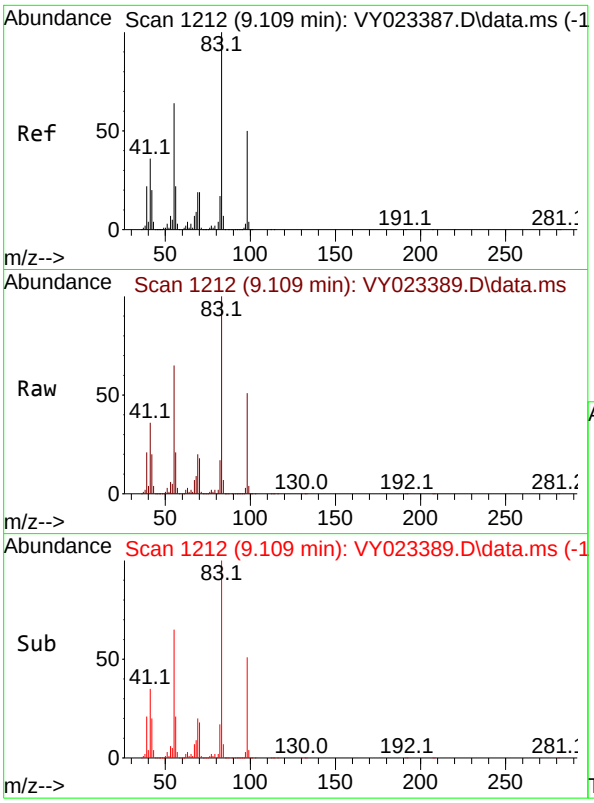


#38
Carbon Tetrachloride
Concen: 151.646 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:117 Resp: 1290353

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
121	31.3	24.5	36.7



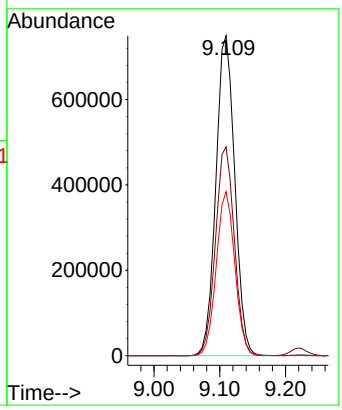


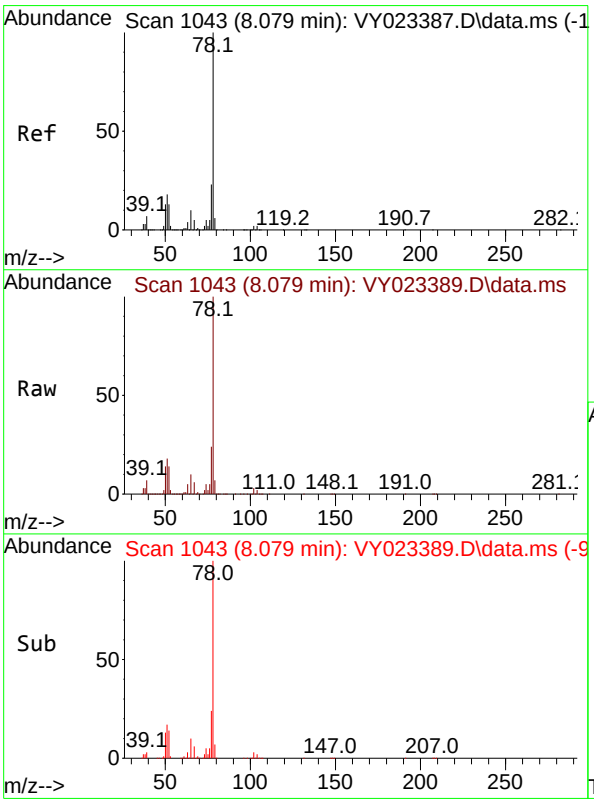
#39
Methylcyclohexane
Concen: 159.580 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 1496612

Ion	Ratio	Lower	Upper
83	100		
55	65.2	51.4	77.2
98	51.2	40.4	60.6

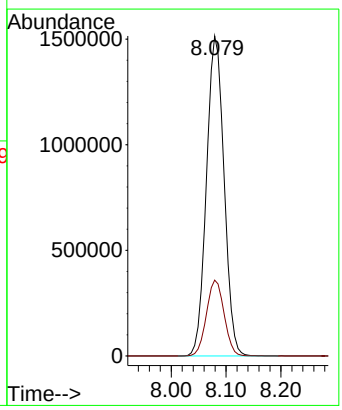


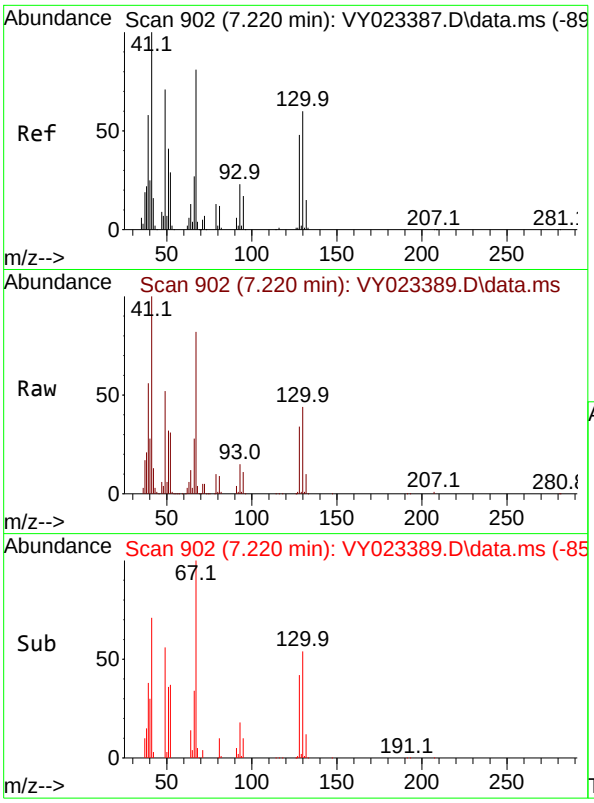


#40
Benzene
Concen: 147.442 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 78 Resp: 3366812

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.3	27.5



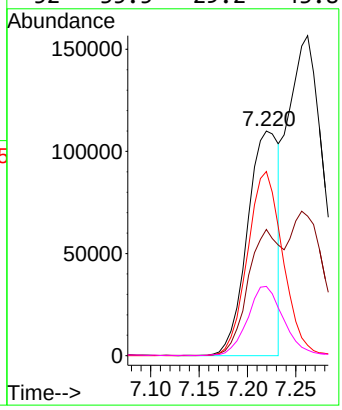


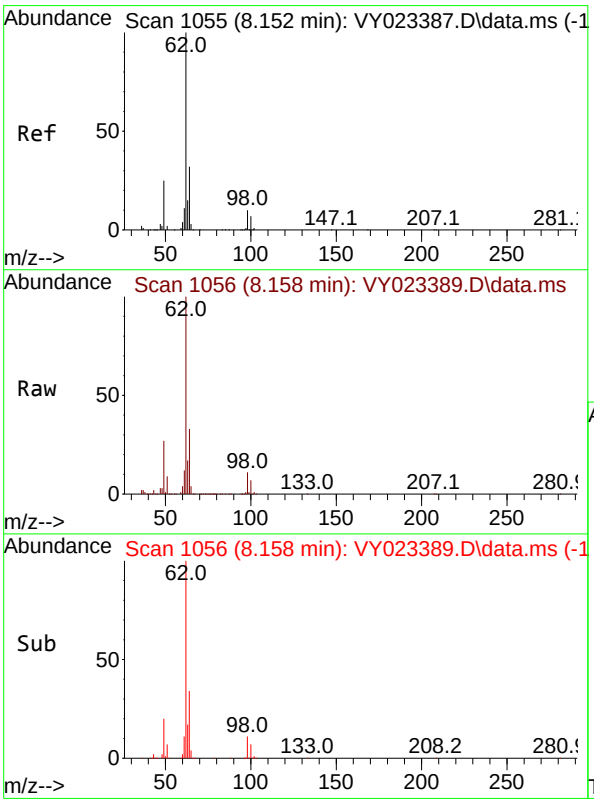
#41
Methacrylonitrile
Concen: 164.212 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 246974

Ion	Ratio	Lower	Upper
41	100		
39	61.7	52.2	78.4
67	93.3	74.9	112.3
52	35.5	29.2	43.8

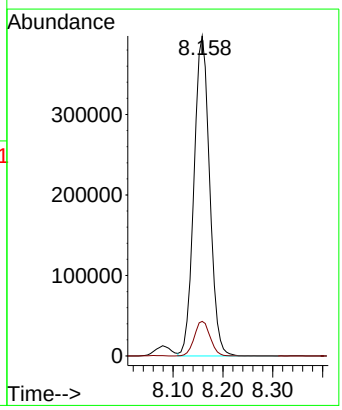


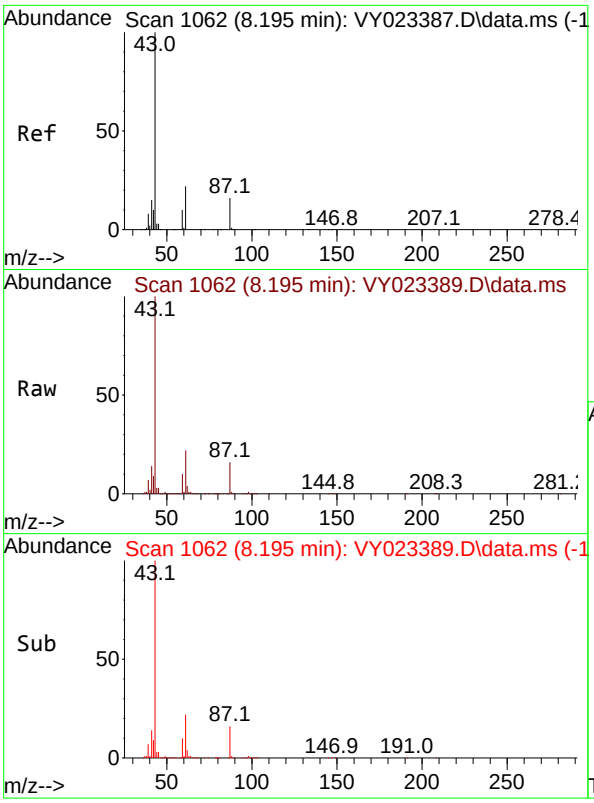


#42
1,2-Dichloroethane
Concen: 149.063 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 62 Resp: 866250

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6



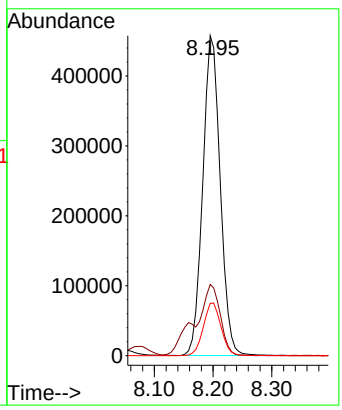


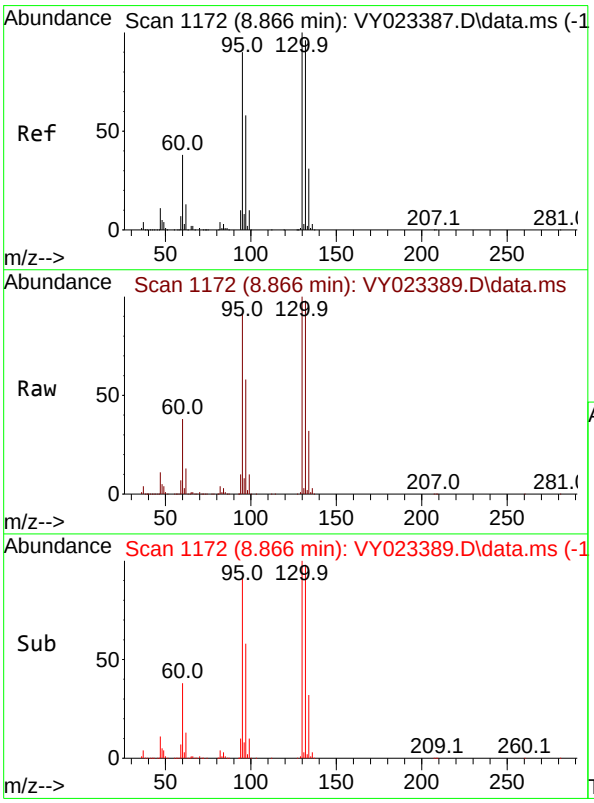
#43
Isopropyl Acetate
Concen: 167.955 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 946087

Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	16.7	13.5	20.3

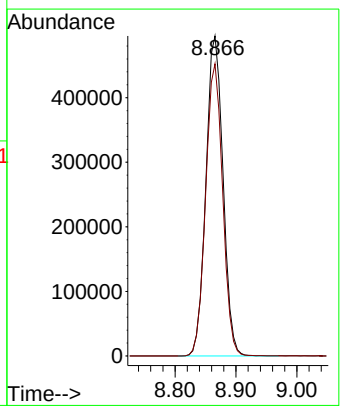


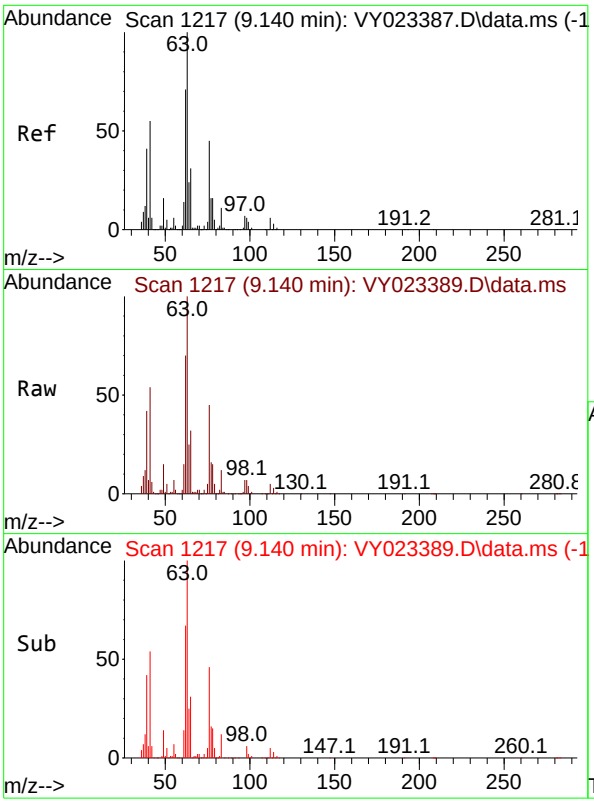


#44
Trichloroethene
Concen: 150.740 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:130 Resp: 966011

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.6



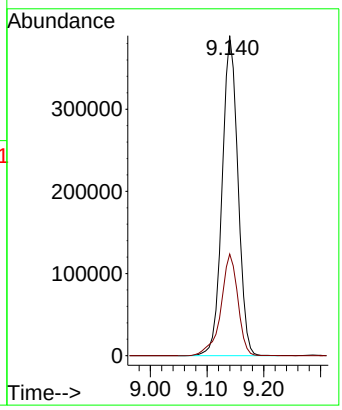


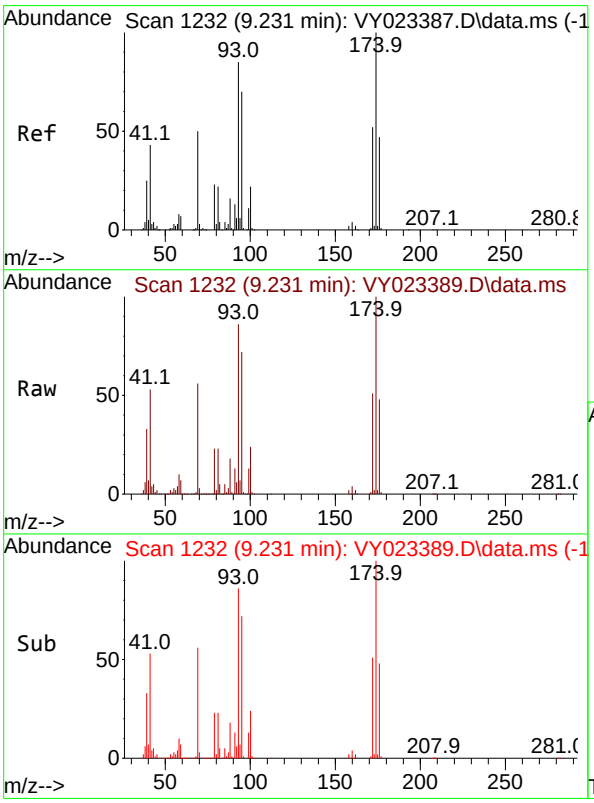
#45
1,2-Dichloropropane
Concen: 146.403 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 752286

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.9	37.3

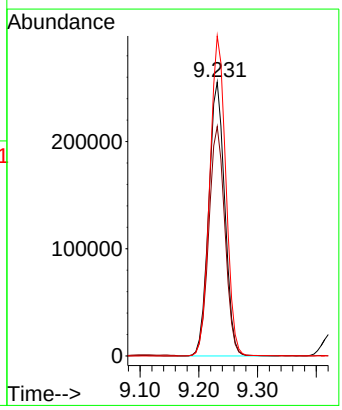


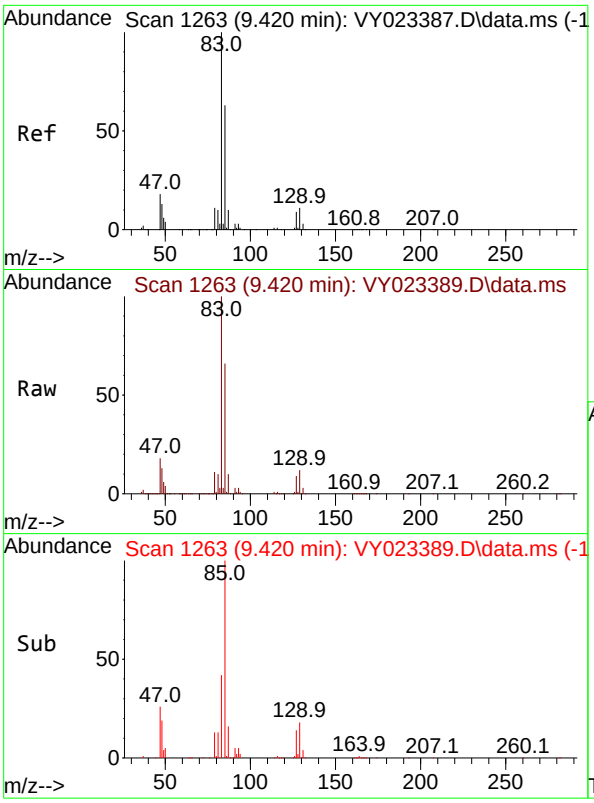


#46
Dibromomethane
Concen: 153.895 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 93 Resp: 483702

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.4	98.0
174	116.7	92.9	139.3



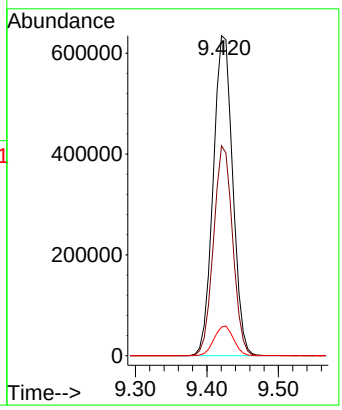


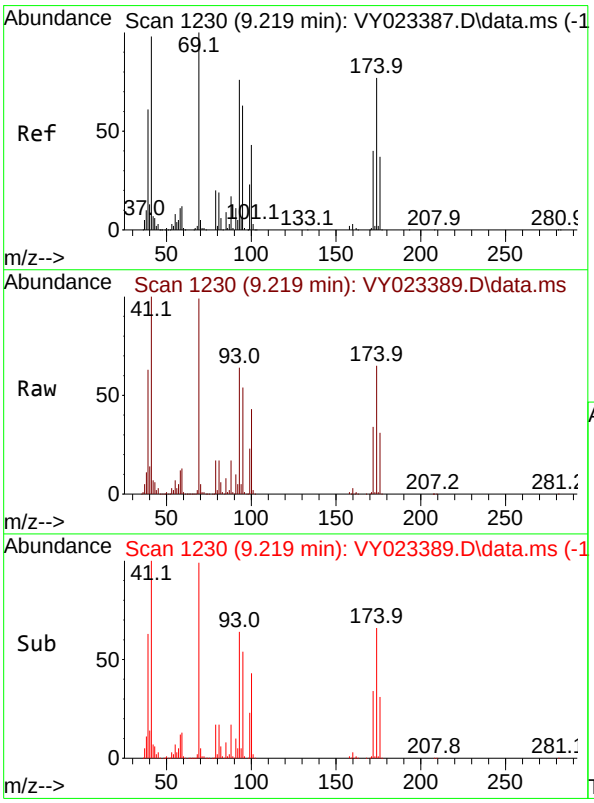
#47
Bromodichloromethane
Concen: 151.965 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 1202247

Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2
127	9.0	7.4	11.2

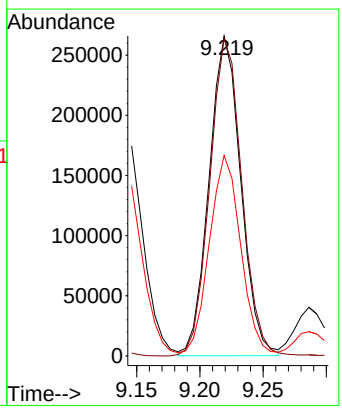


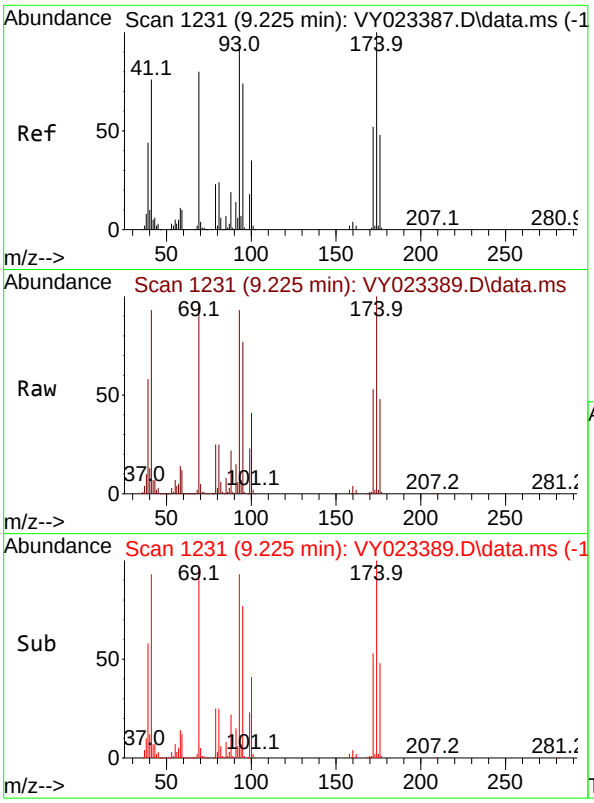


#48
Methyl methacrylate
Concen: 176.368 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 41 Resp: 463614

Ion	Ratio	Lower	Upper
41	100		
69	100.4	81.0	121.4
39	60.3	48.2	72.4



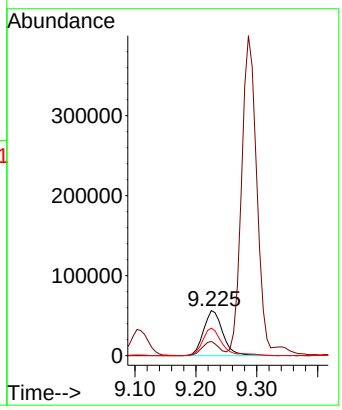


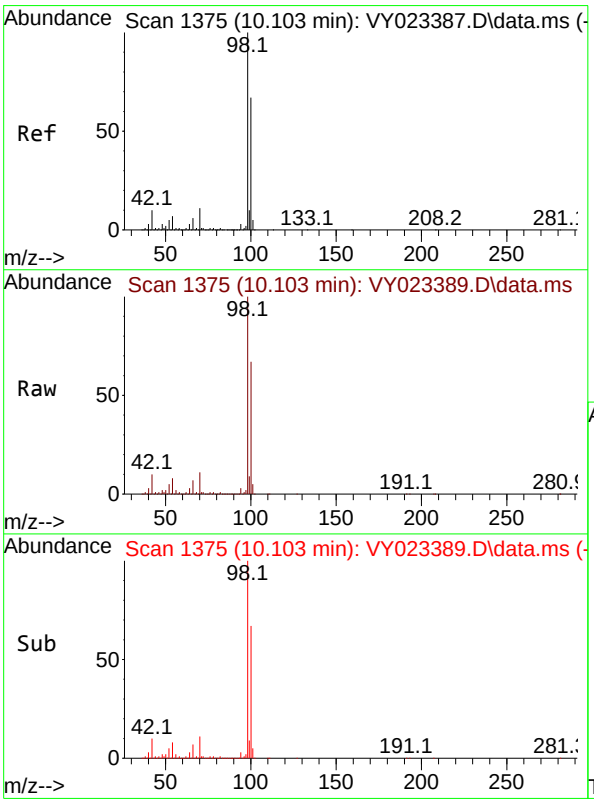
#49
1,4-Dioxane
Concen: 3809.726 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 123991

Ion	Ratio	Lower	Upper
88	100		
43	27.5	21.8	32.8
58	62.1	46.8	70.2

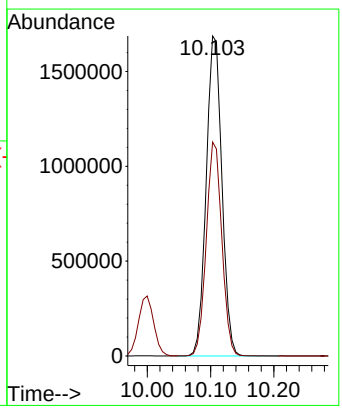


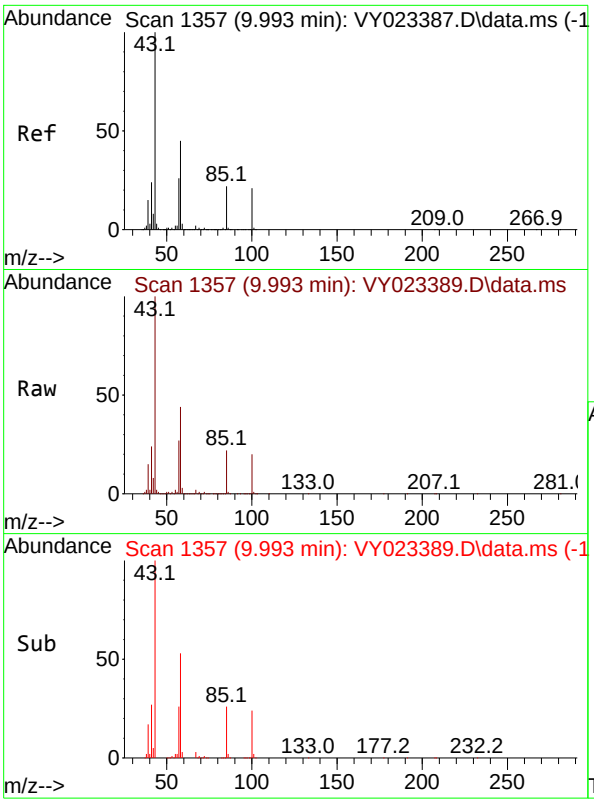


#50
Toluene-d8
Concen: 148.741 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 98 Resp: 2912319

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



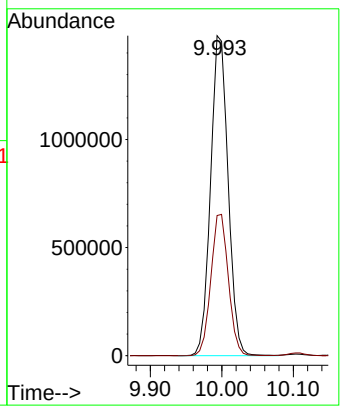


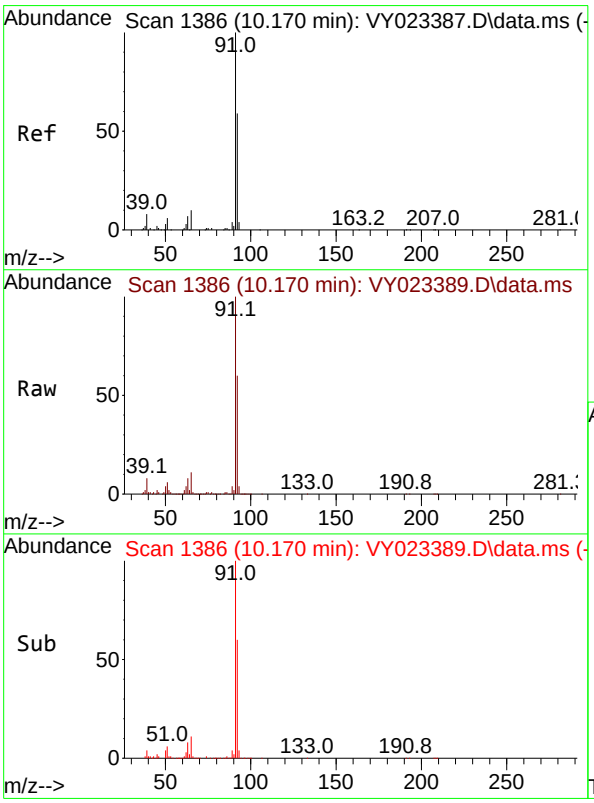
#51
4-Methyl-2-Pentanone
Concen: 872.045 ug/l
RT: 9.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2516107

Ion	Ratio	Lower	Upper
43	100		
58	44.1	35.3	52.9

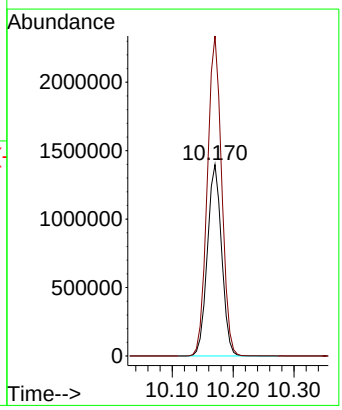


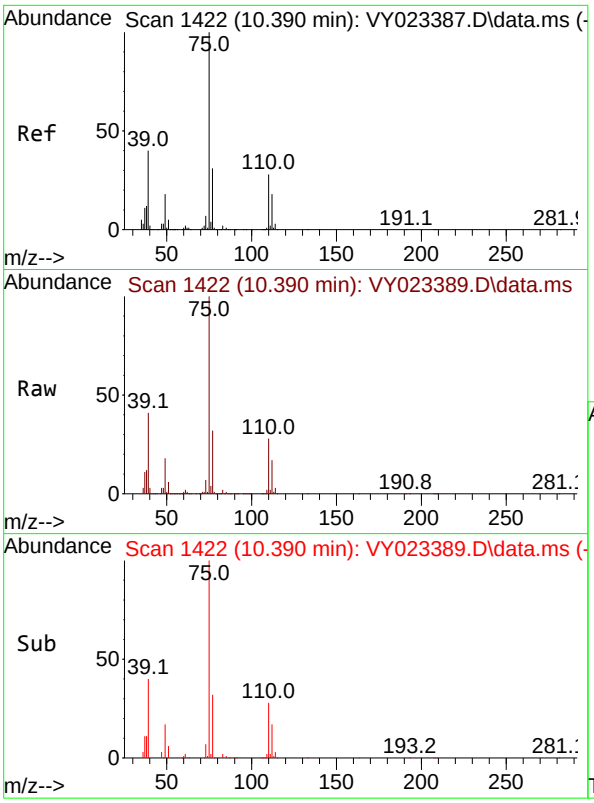


#52
Toluene
Concen: 156.786 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 92 Resp: 2272574

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.4	204.6



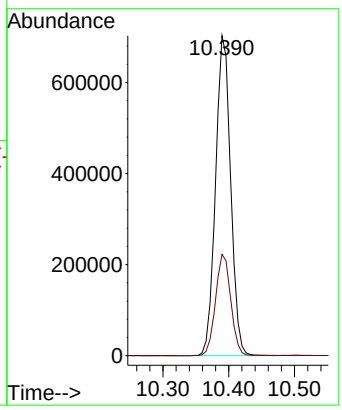


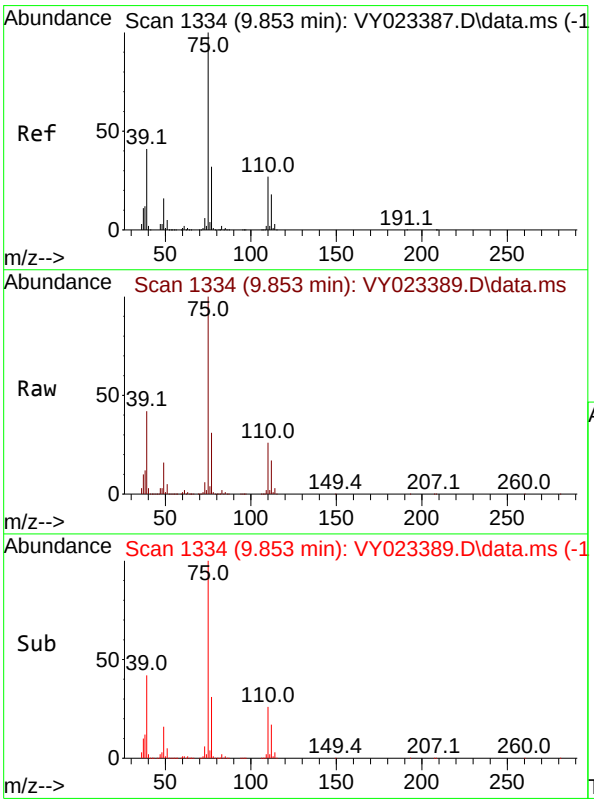
#53
t-1,3-Dichloropropene
Concen: 165.367 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 1123644

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7

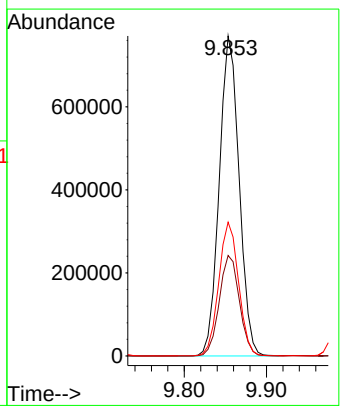


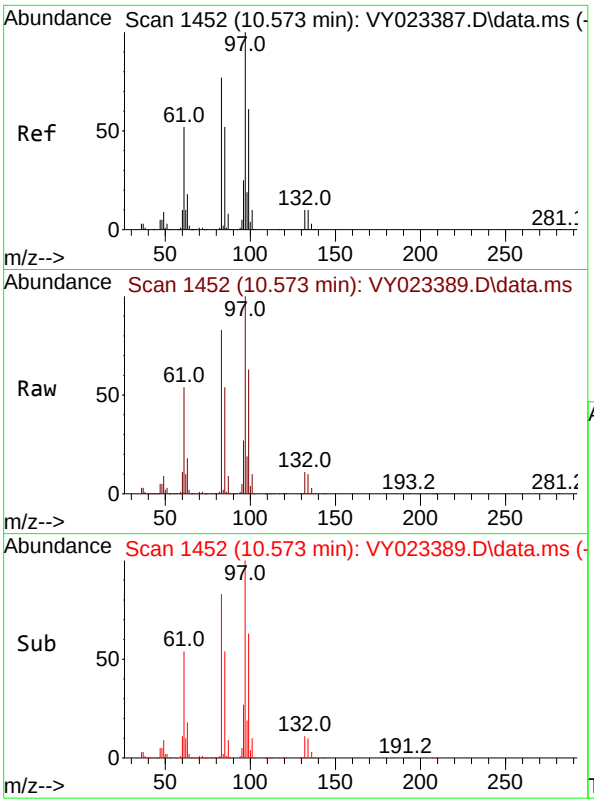


#54
cis-1,3-Dichloropropene
Concen: 159.654 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 1296713

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	41.7	32.8	49.2



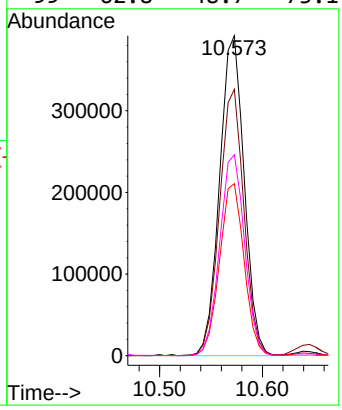


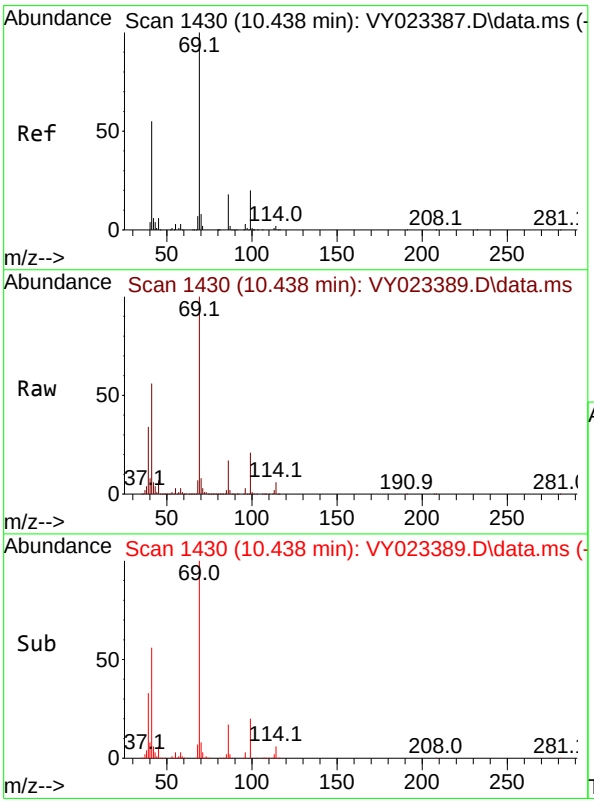
#55
1,1,2-Trichloroethane
Concen: 156.020 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 652242

Ion	Ratio	Lower	Upper
97	100		
83	83.2	61.8	92.6
85	53.7	41.3	61.9
99	62.8	48.7	73.1

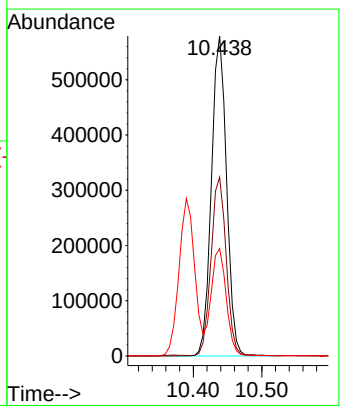


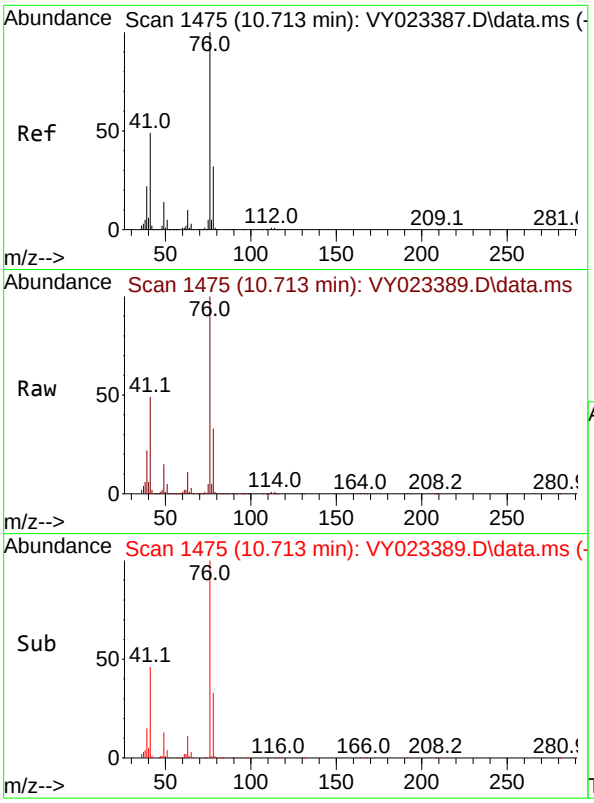


#56
Ethyl methacrylate
Concen: 184.048 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 69 Resp: 886127

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.6	67.0
39	33.6	27.0	40.4



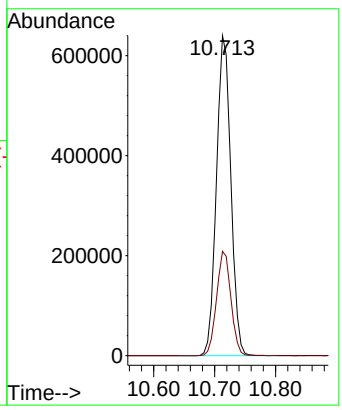


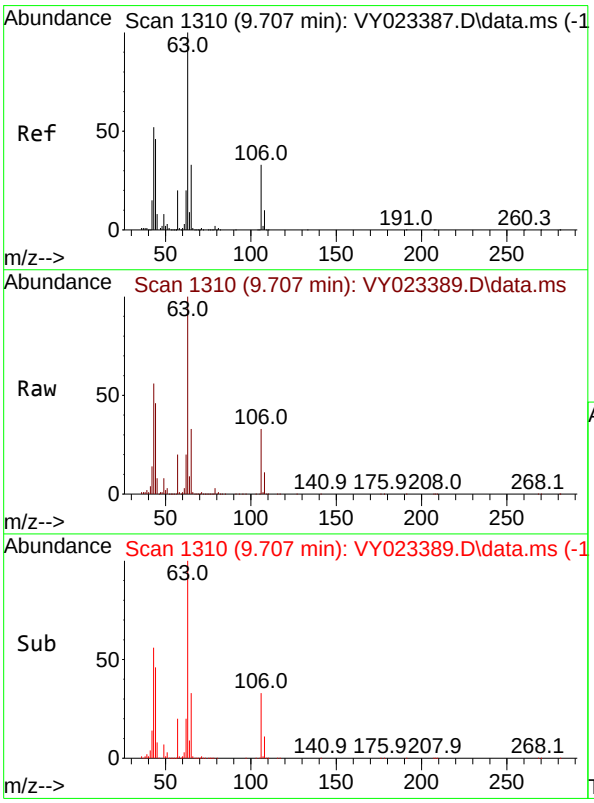
#57
1,3-Dichloropropane
Concen: 155.122 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1049593

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

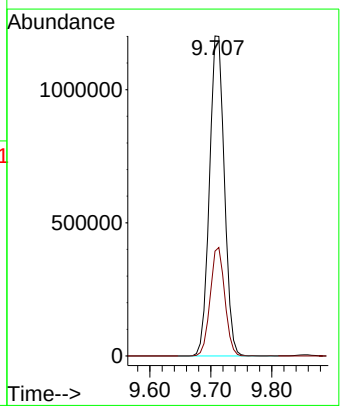


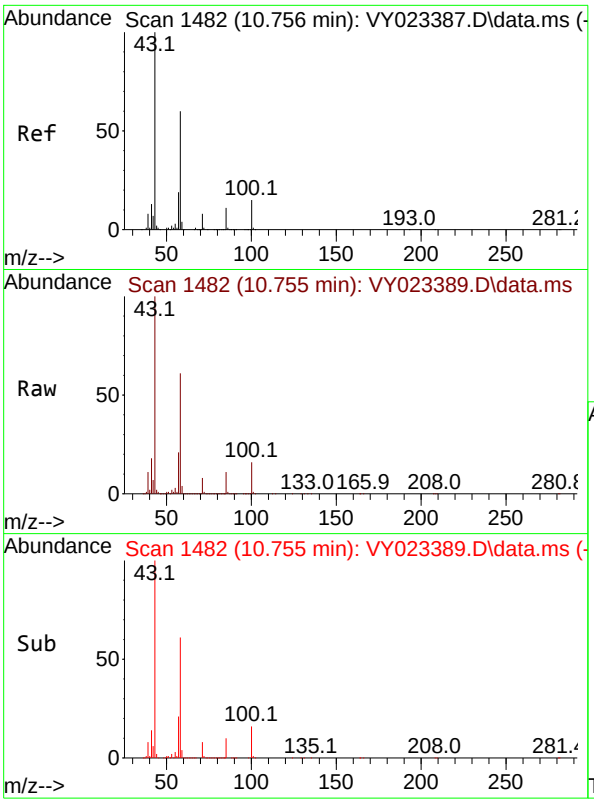


#58
2-Chloroethyl Vinyl ether
Concen: 968.559 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 63 Resp: 2040136

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8



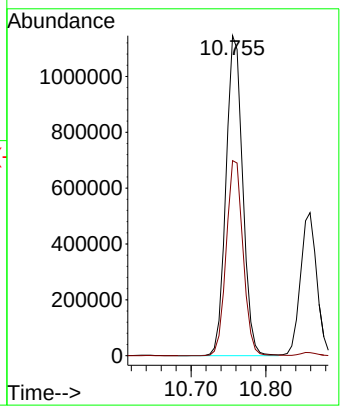


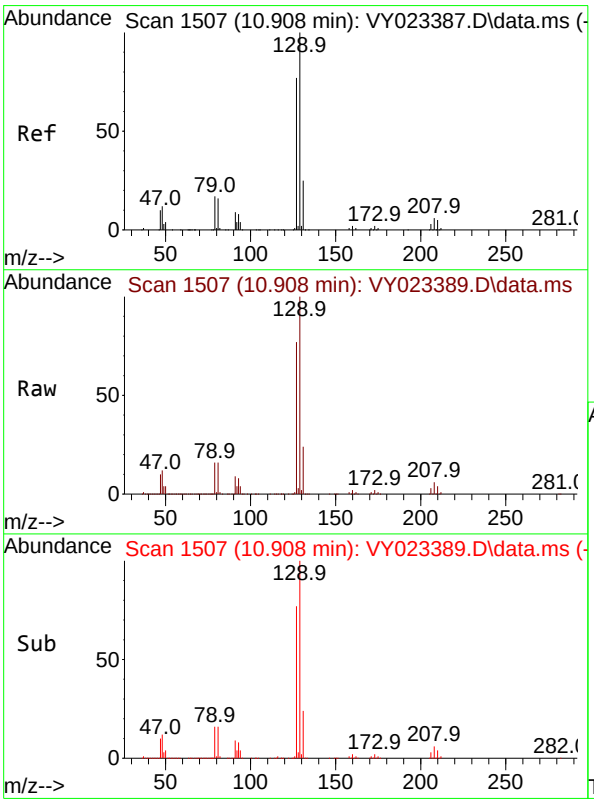
#59
2-Hexanone
Concen: 889.038 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1776032

Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.5	91.5

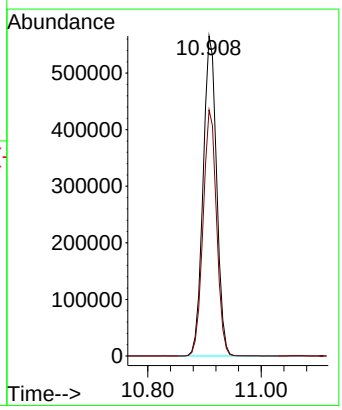


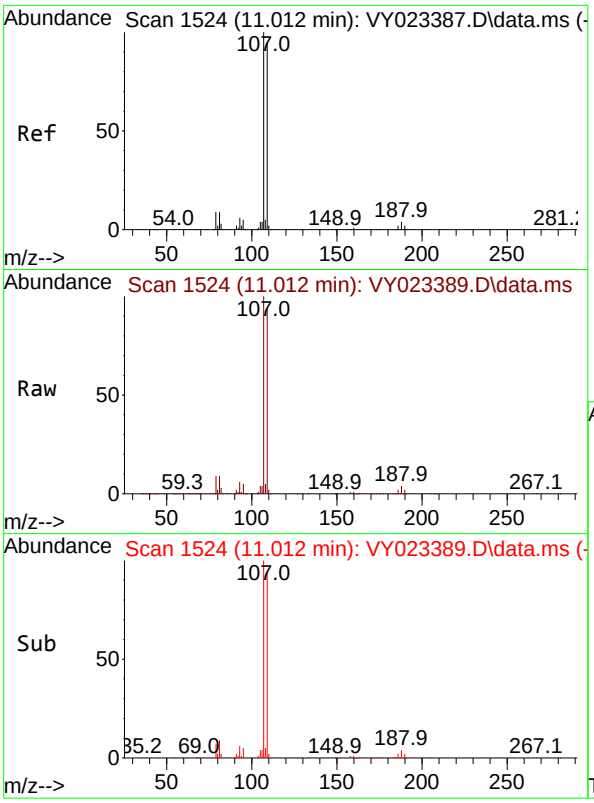


#60
Dibromochloromethane
Concen: 164.084 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:129 Resp: 935577

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.6	115.7



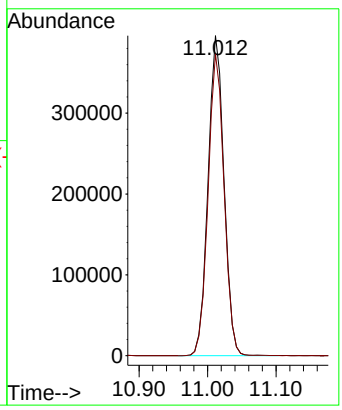


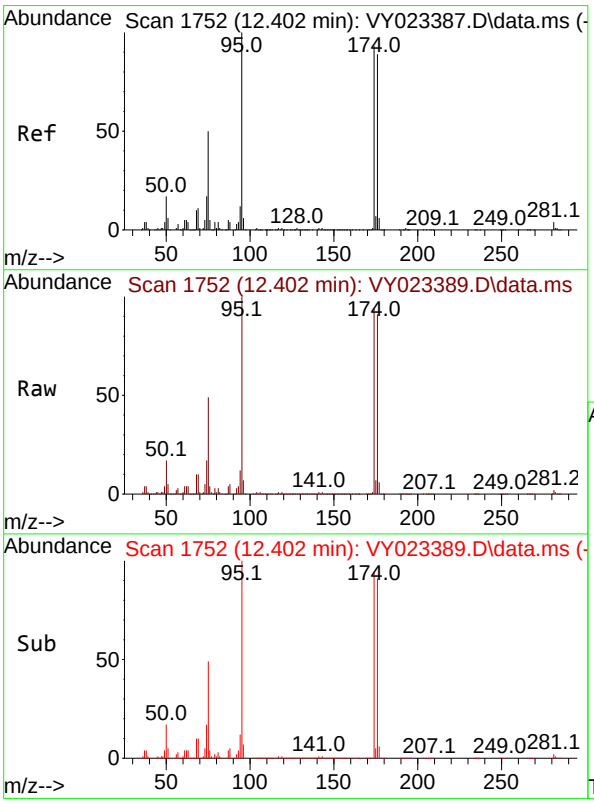
#61
1,2-Dibromoethane
Concen: 162.699 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 639895

Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.1	114.1

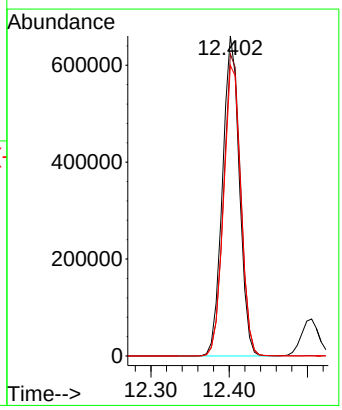


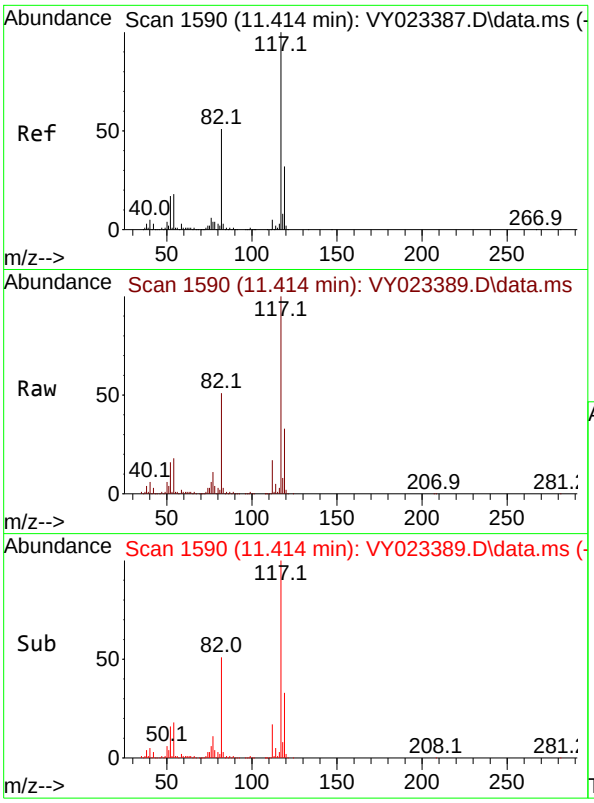


#62
4-Bromofluorobenzene
Concen: 160.423 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 95 Resp: 990964

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	192.8
176	92.8	0.0	187.6



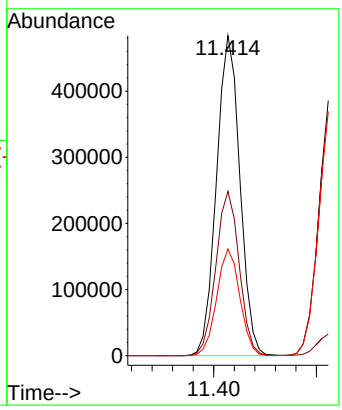


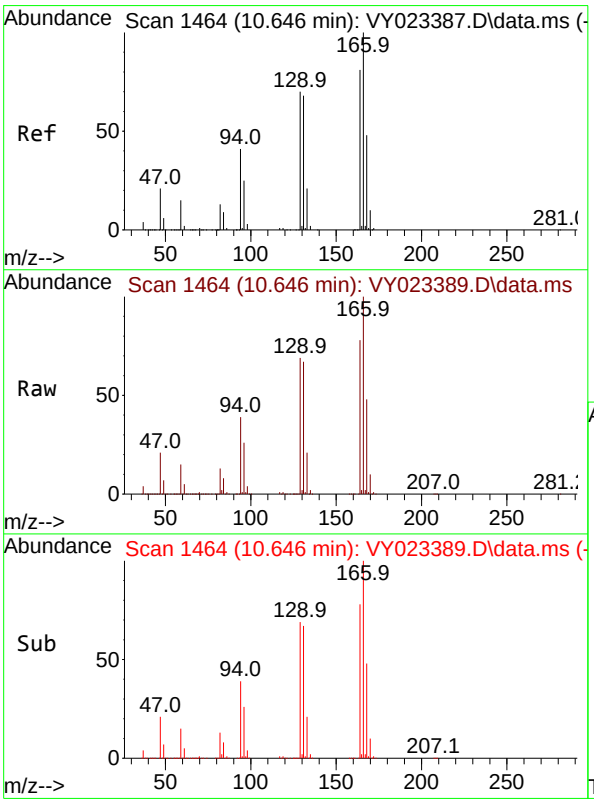
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 765357

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.0	61.4
119	33.3	25.6	38.4

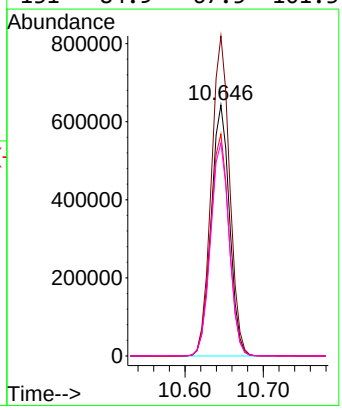


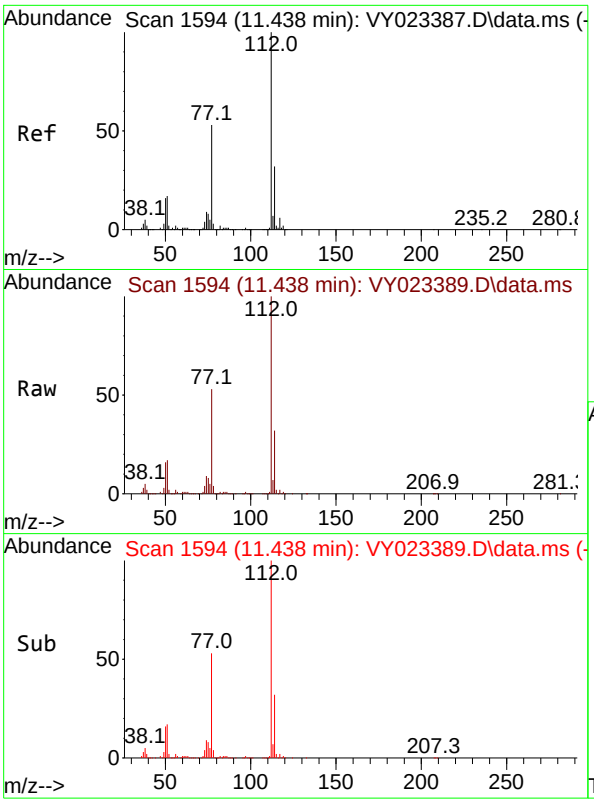


#64
Tetrachloroethene
Concen: 136.739 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:164 Resp: 1046931

Ion	Ratio	Lower	Upper
164	100		
166	127.5	99.4	149.0
129	88.4	69.4	104.2
131	84.9	67.5	101.3



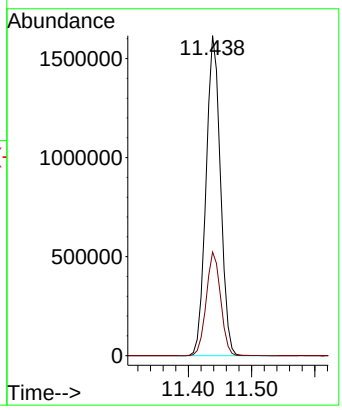


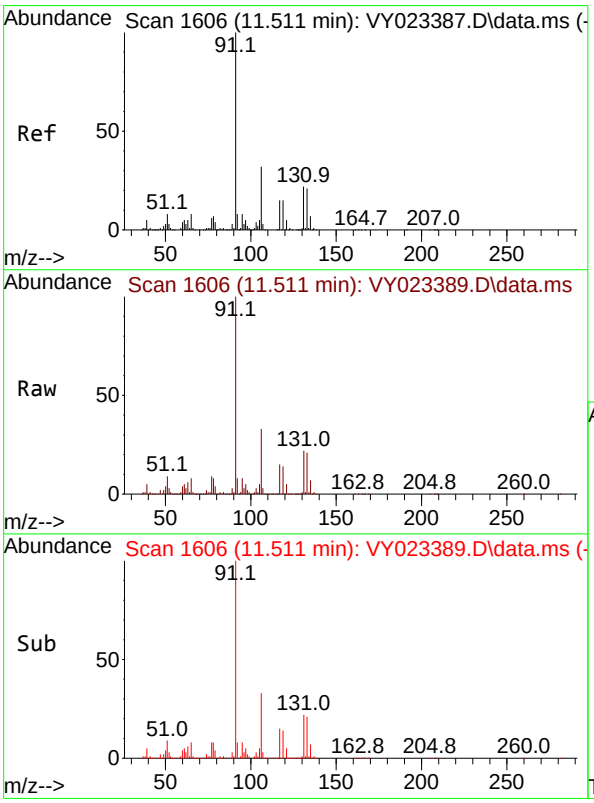
#65
Chlorobenzene
Concen: 154.117 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 2563176

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

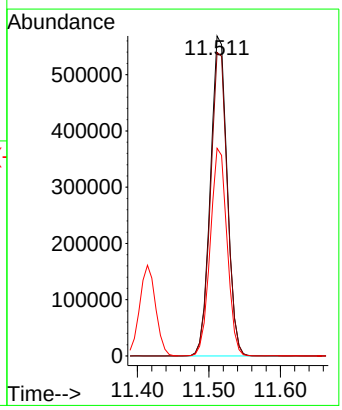


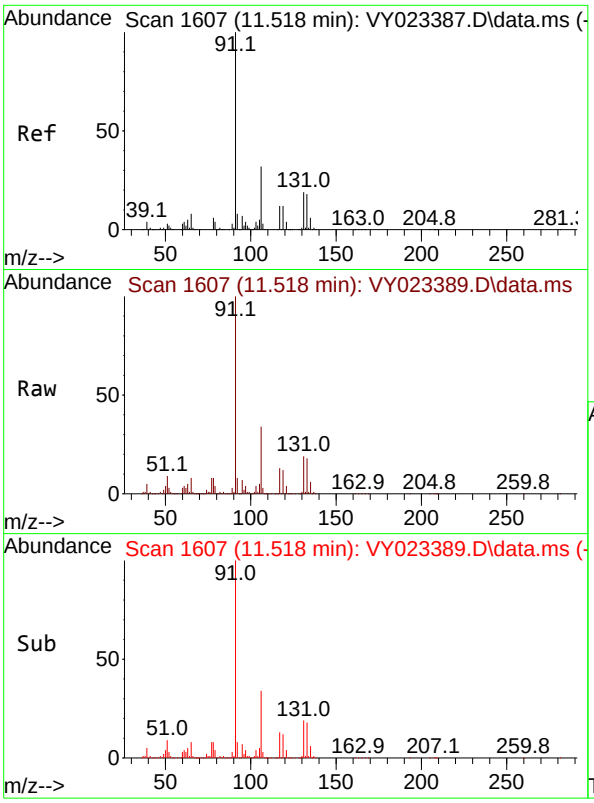


#66
1,1,1,2-Tetrachloroethane
Concen: 157.870 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:131 Resp: 923367

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.4	145.2
119	65.2	32.4	97.2



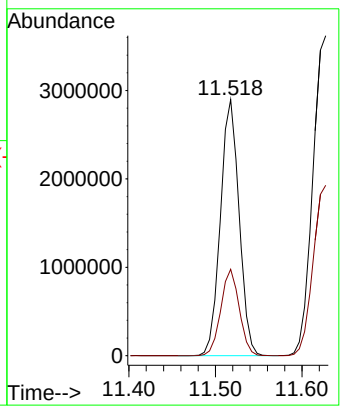


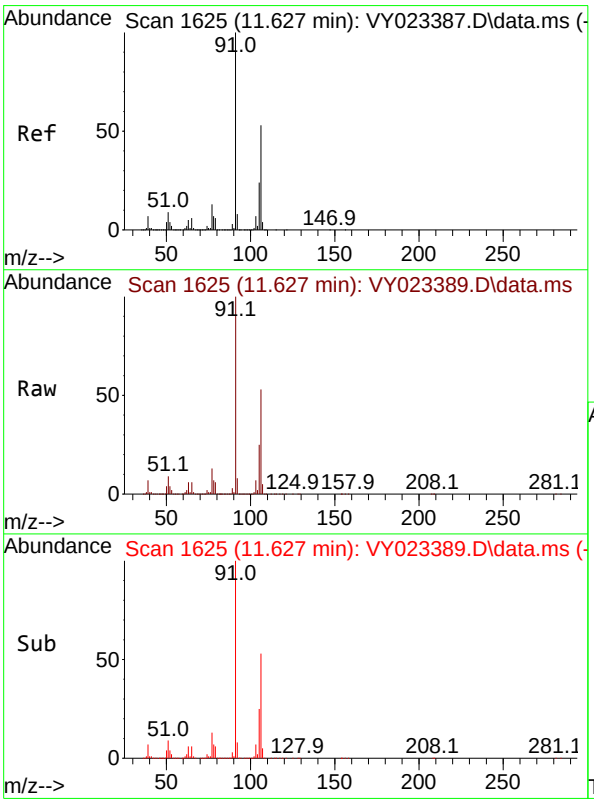
#67
Ethyl Benzene
Concen: 159.957 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 4341801

Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.8	38.8

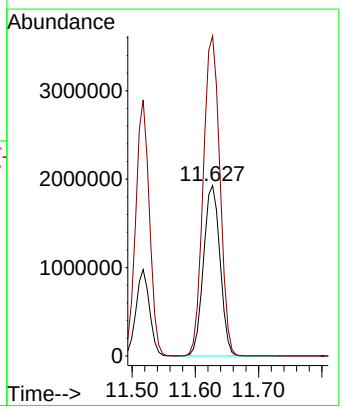


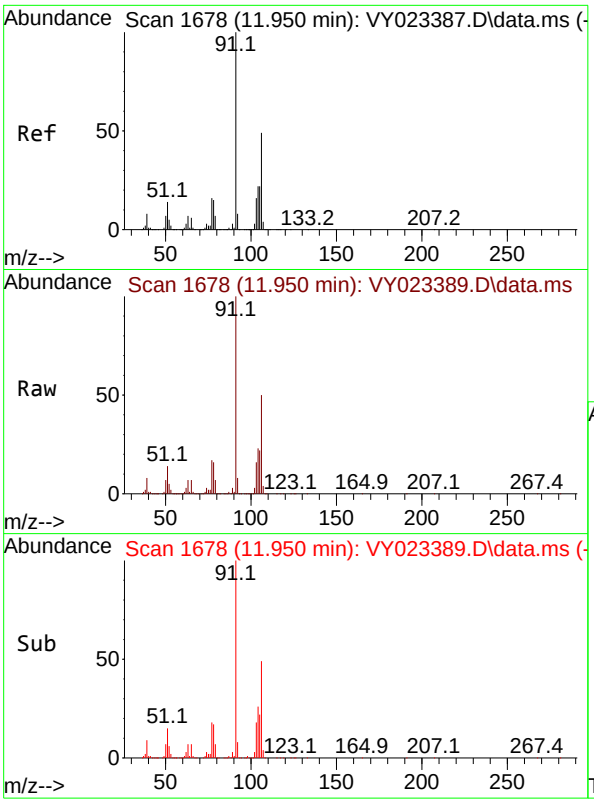


#68
m/p-Xylenes
Concen: 321.899 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:106 Resp: 3502137

Ion	Ratio	Lower	Upper
106	100		
91	189.2	152.6	229.0



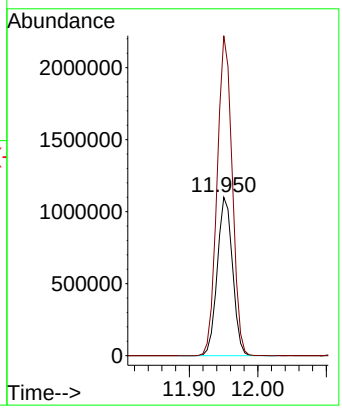


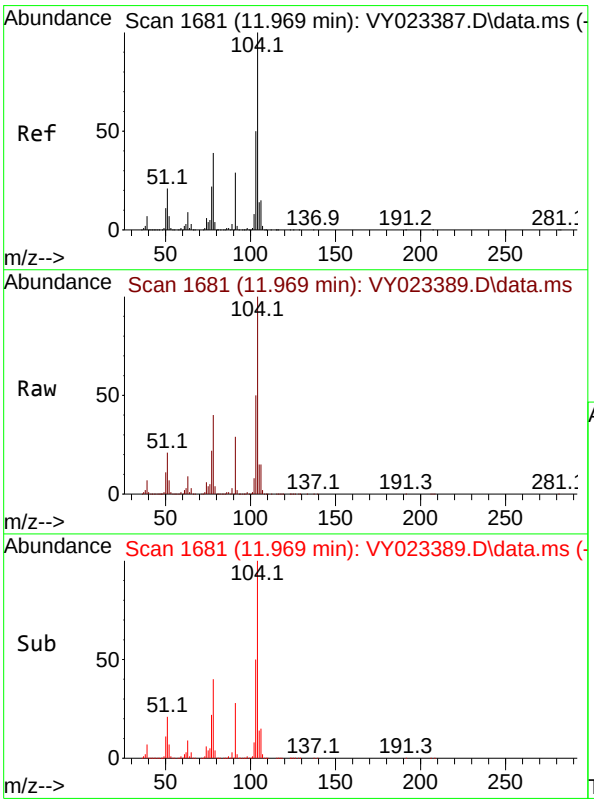
#69
o-Xylene
Concen: 168.295 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1694987

Ion	Ratio	Lower	Upper
106	100		
91	200.0	101.4	304.1

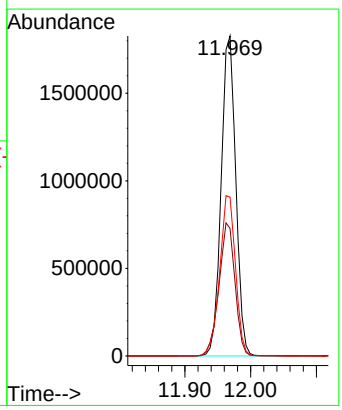


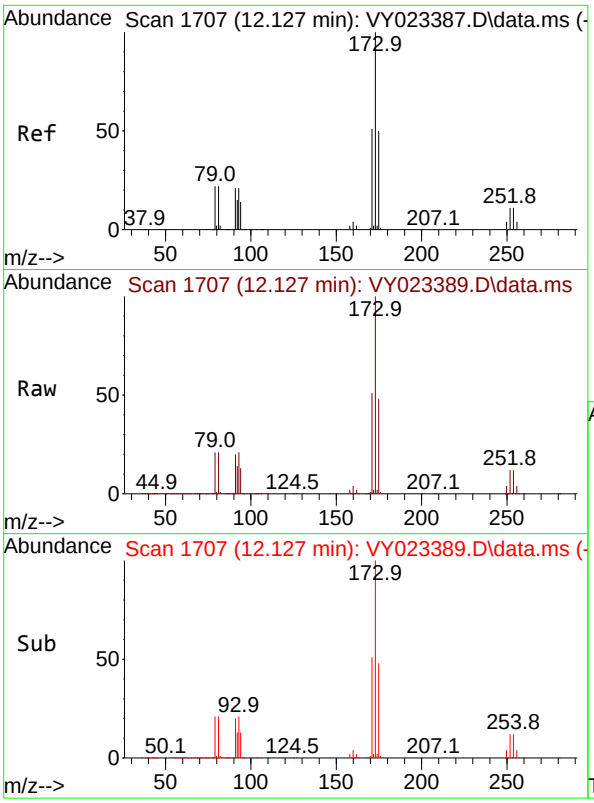


#70
Styrene
Concen: 170.203 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:104 Resp: 2830398

Ion	Ratio	Lower	Upper
104	100		
78	45.5	36.1	54.1
103	54.3	43.2	64.8



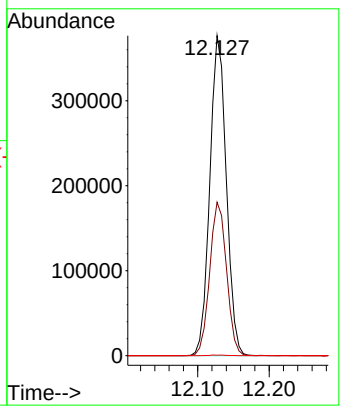


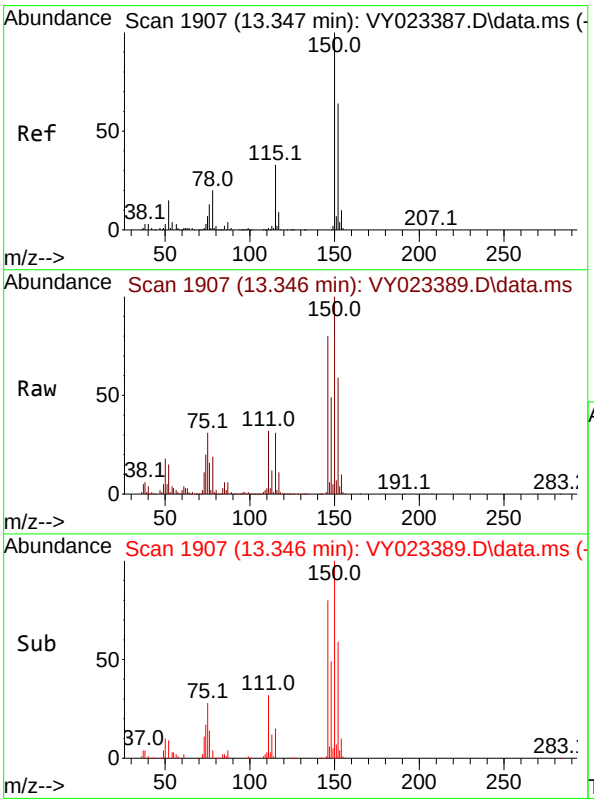
#71
Bromoform
Concen: 172.115 ug/l
RT: 12.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 602644

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.2	0.1	0.1#

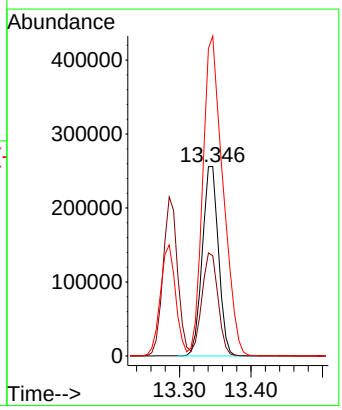


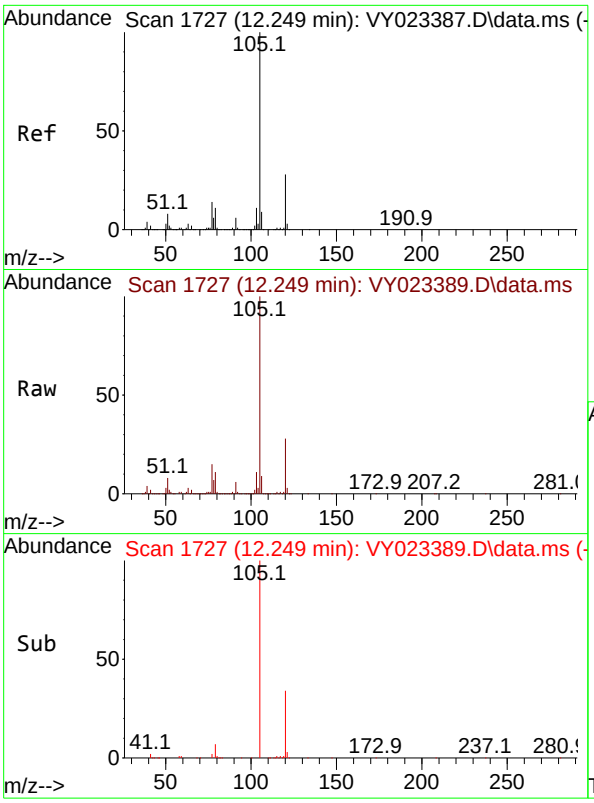


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:152 Resp: 402368

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	210.4	0.0	347.4



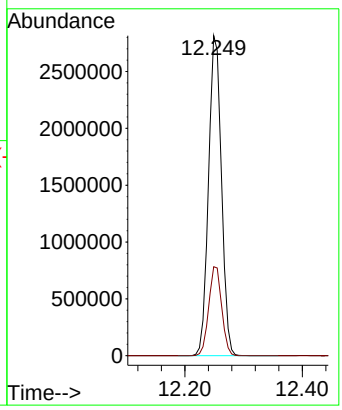


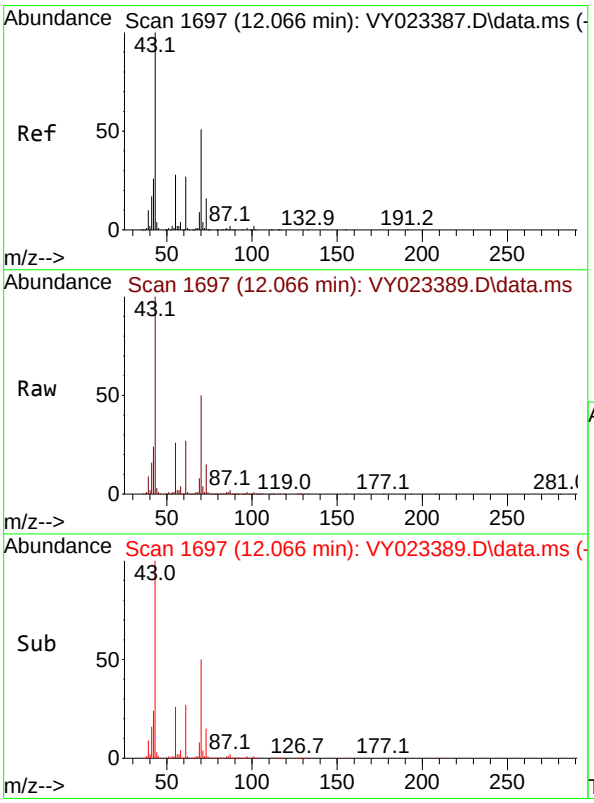
#73
Isopropylbenzene
Concen: 160.084 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 4290662

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7

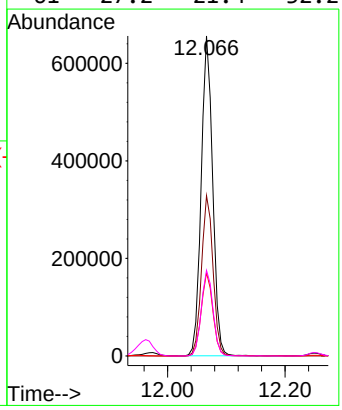


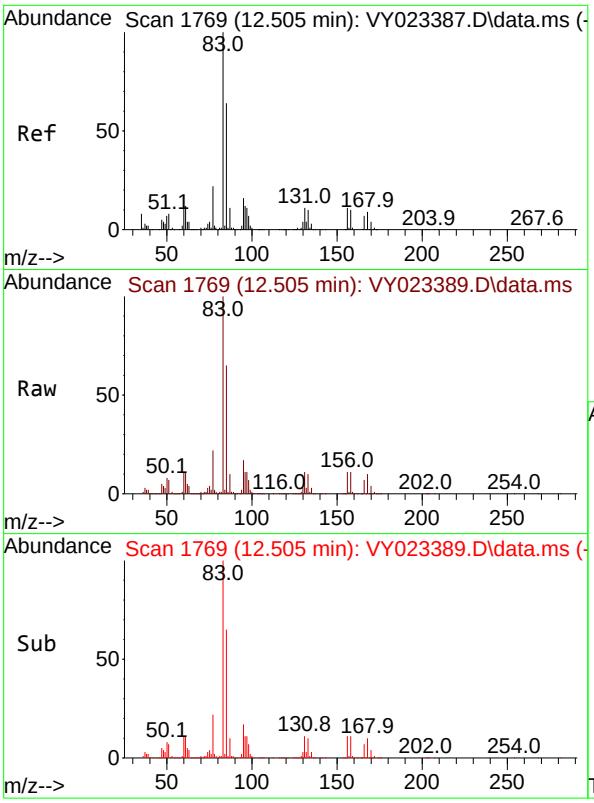


#74
N-amyl acetate
Concen: 177.866 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 43 Resp: 890882

Ion	Ratio	Lower	Upper
43	100		
70	50.6	41.1	61.7
55	26.4	23.0	34.6
61	27.2	21.4	32.2



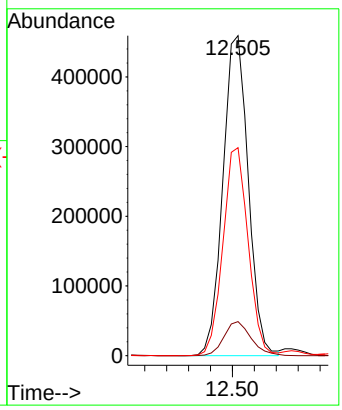


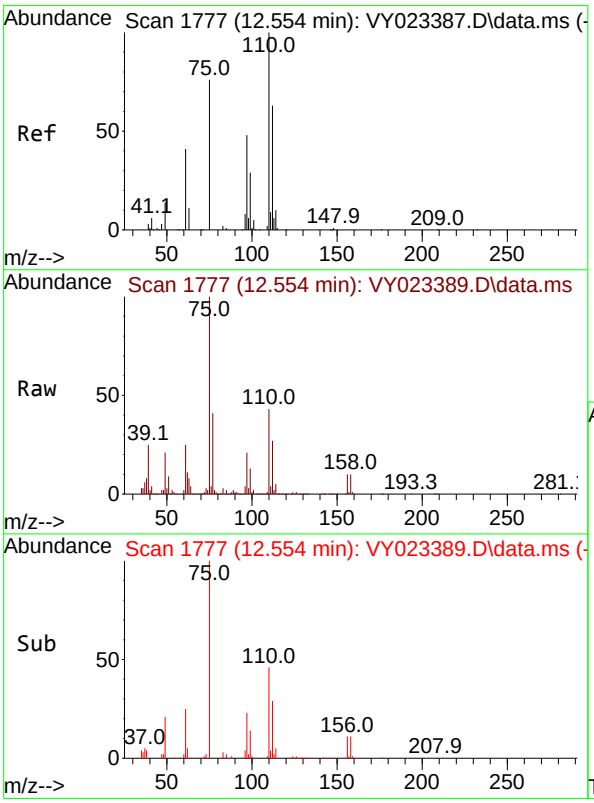
#75
1,1,2,2-Tetrachloroethane
Concen: 165.010 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 737773

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.6
85	64.4	31.8	95.3

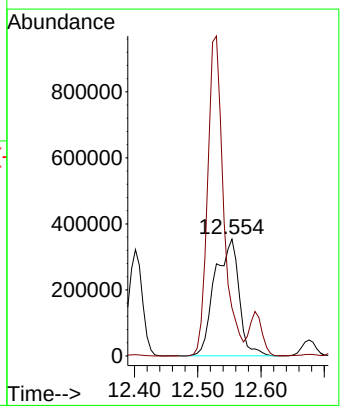


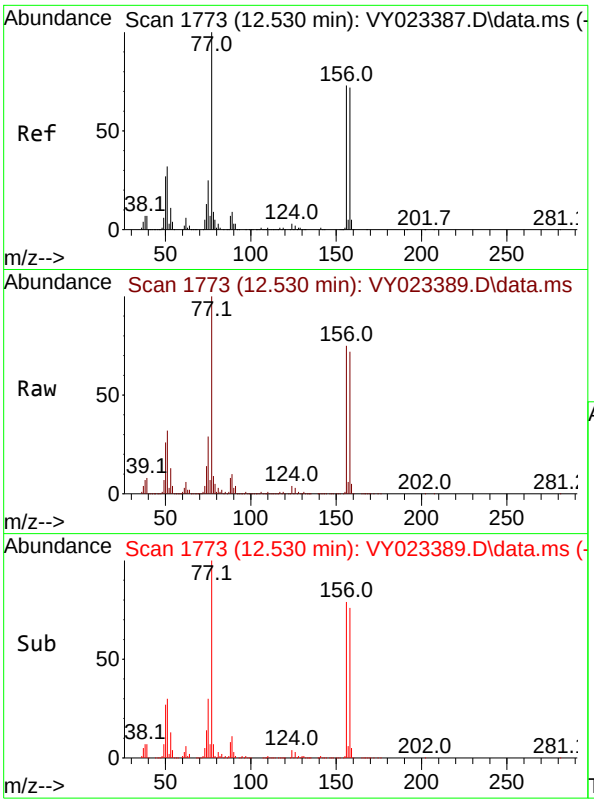


#76
1,2,3-Trichloropropane
Concen: 236.912 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 940308

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



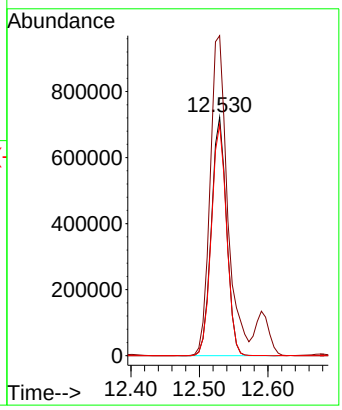


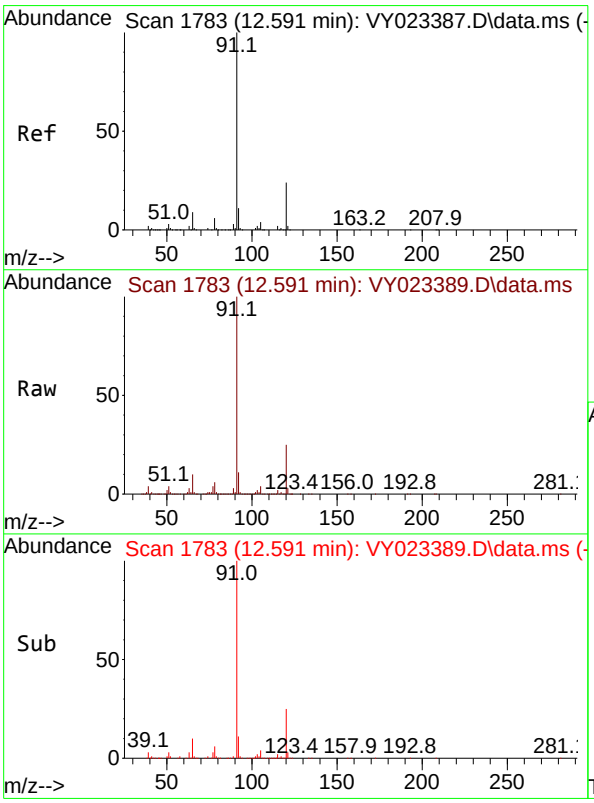
#77
Bromobenzene
Concen: 161.555 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 1111318

Ion	Ratio	Lower	Upper
156	100		
77	153.9	76.8	230.5
158	97.4	49.0	147.2

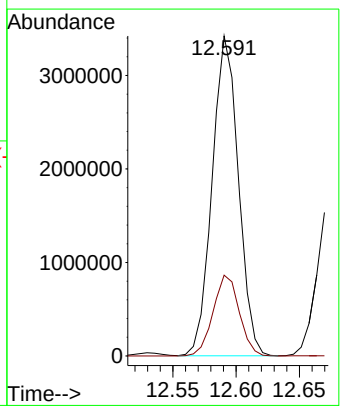


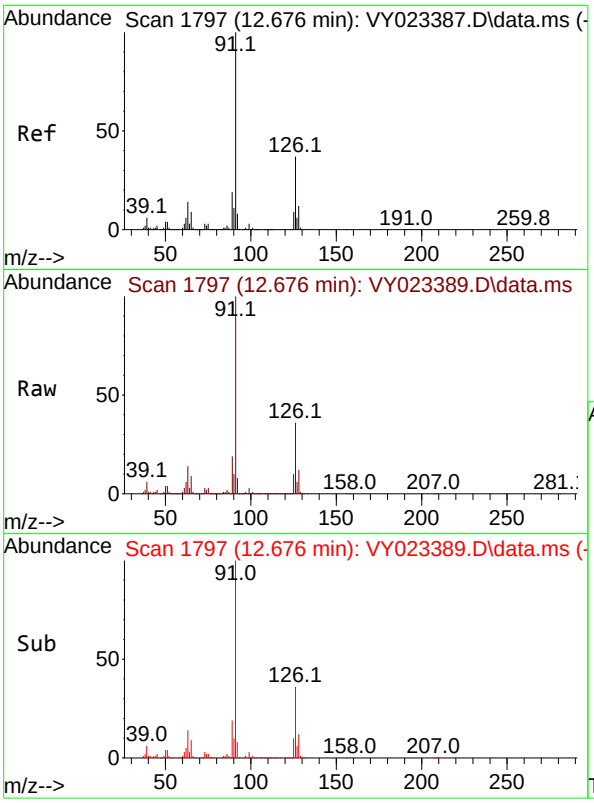


#78
n-propylbenzene
Concen: 156.465 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 4932015

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8



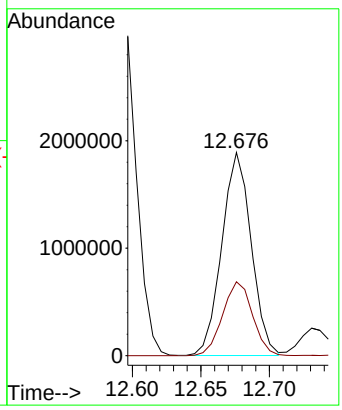


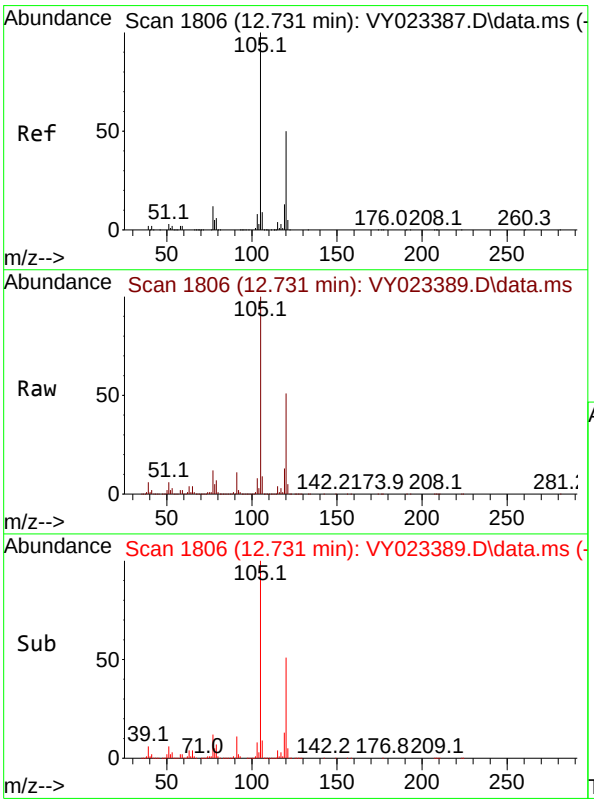
#79
2-Chlorotoluene
Concen: 155.063 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2822049

Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5

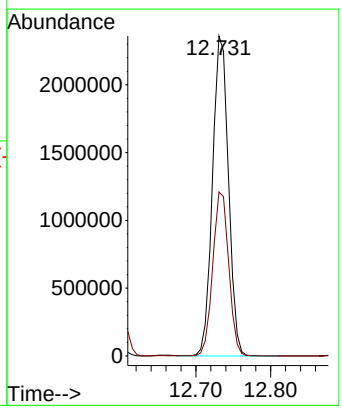


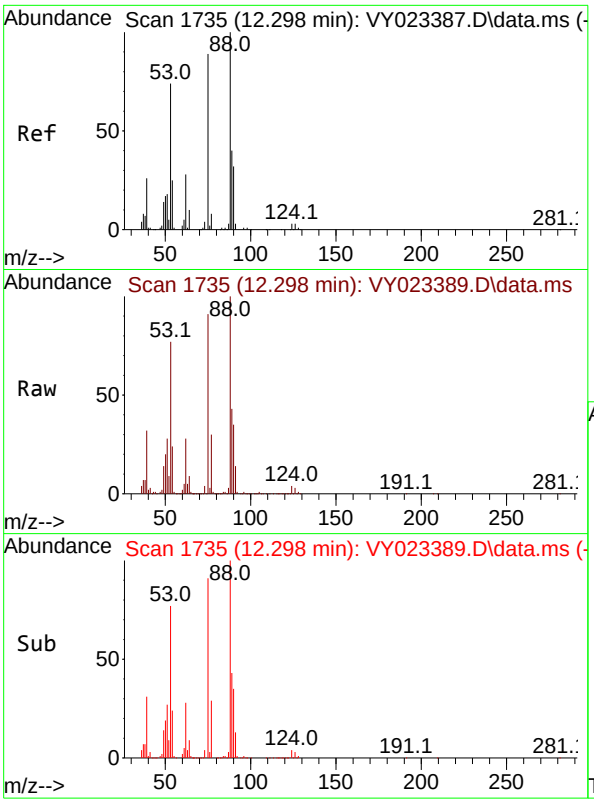


#80
1,3,5-Trimethylbenzene
Concen: 160.460 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 3496249

Ion	Ratio	Lower	Upper
105	100		
120	51.4	25.4	76.4



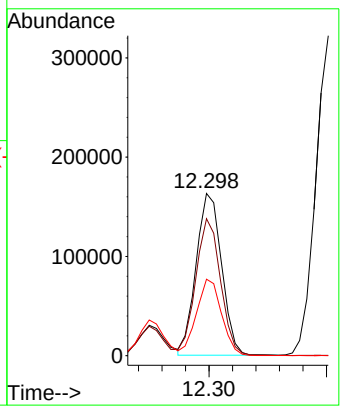


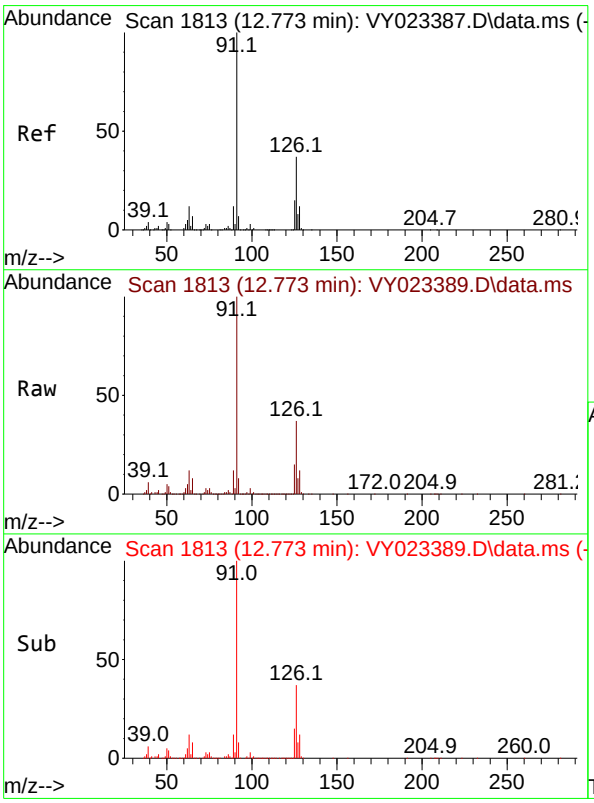
#81
trans-1,4-Dichloro-2-butene
Concen: 166.570 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 245190

Ion	Ratio	Lower	Upper
75	100		
53	83.6	68.6	102.8
89	46.8	39.0	58.4

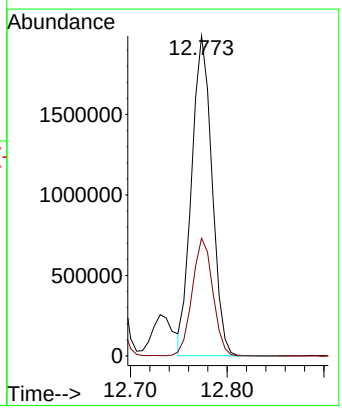


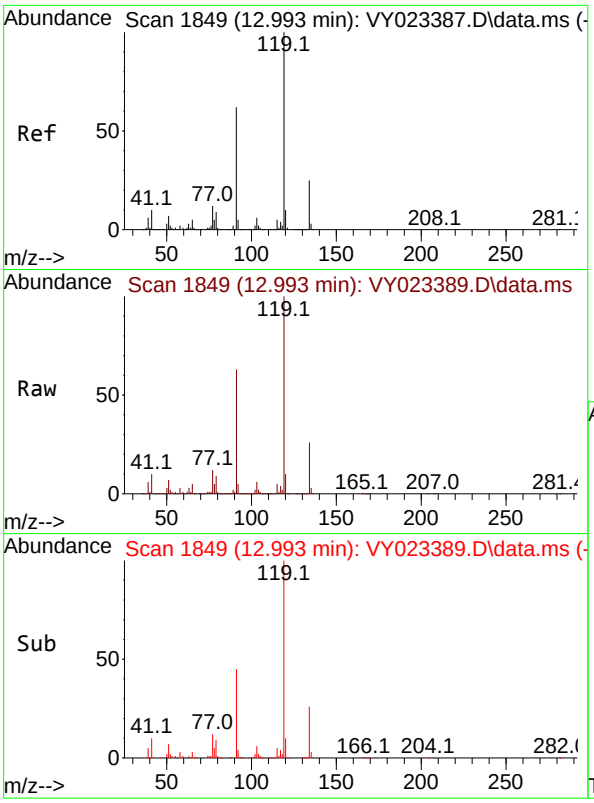


#82
4-Chlorotoluene
Concen: 152.701 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 91 Resp: 2902371

Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.4	55.4



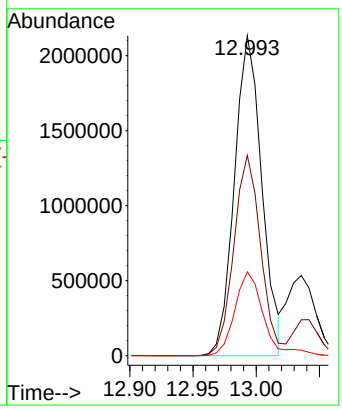


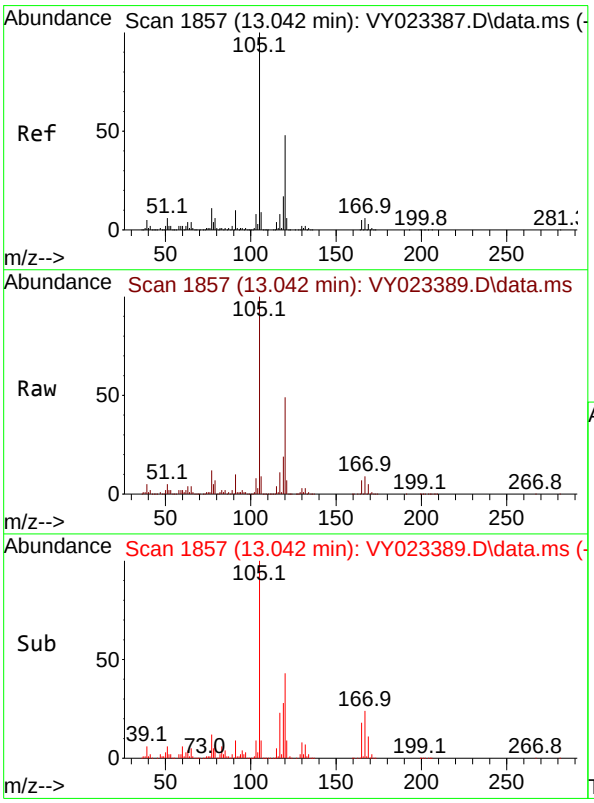
#83
tert-Butylbenzene
Concen: 162.197 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 3220384

Ion	Ratio	Lower	Upper
119	100		
91	61.6	29.9	89.8
134	27.4	12.9	38.7

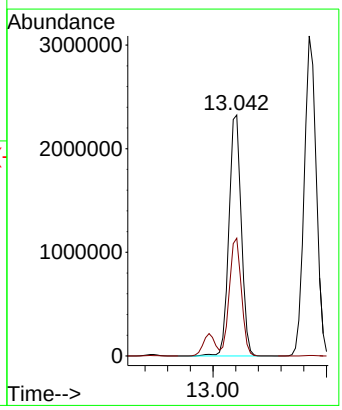


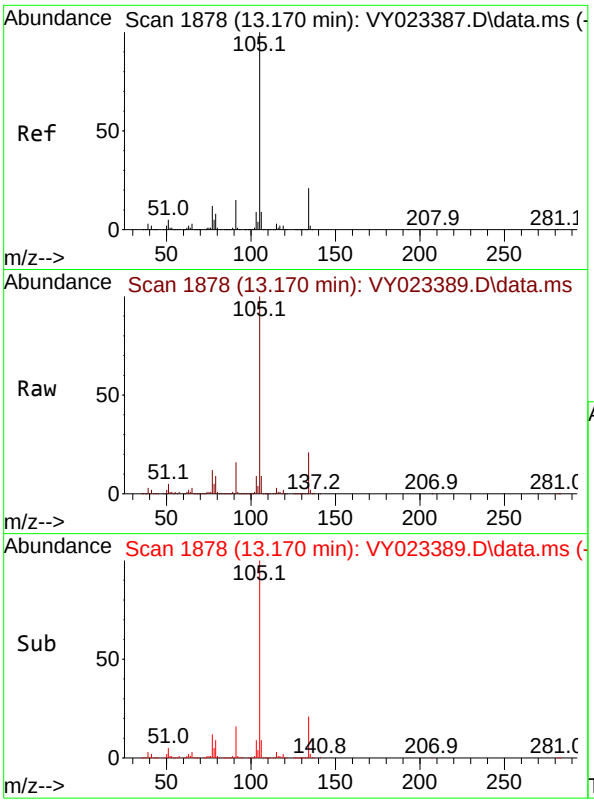


#84
1,2,4-Trimethylbenzene
Concen: 162.527 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:105 Resp: 3503639

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.8	71.2



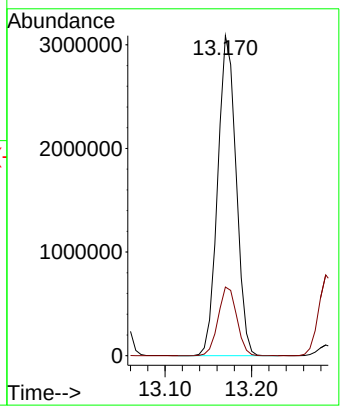


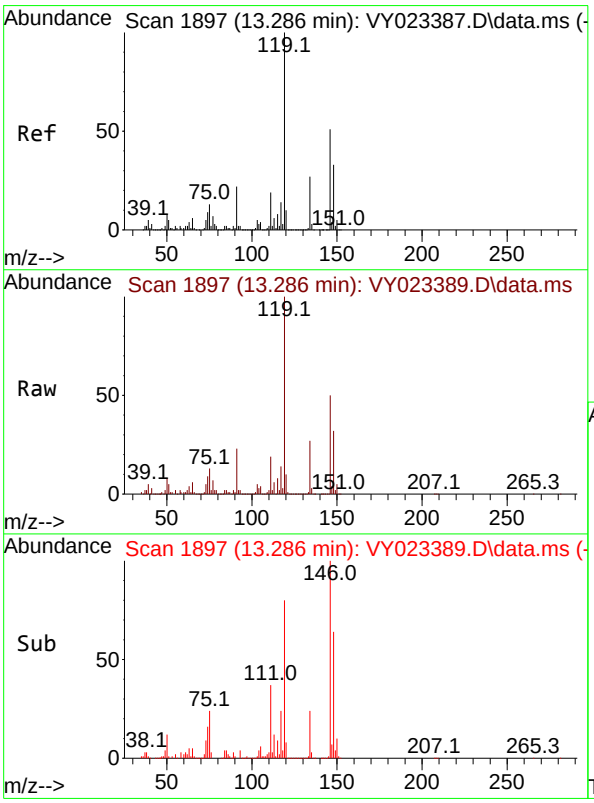
#85
sec-Butylbenzene
Concen: 158.609 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 4560715

Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.7	32.1

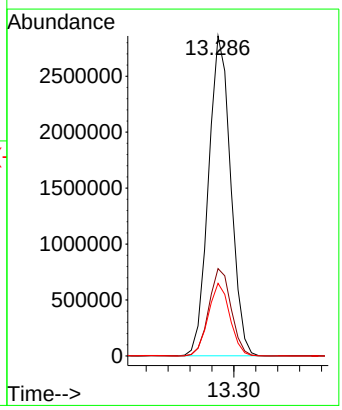


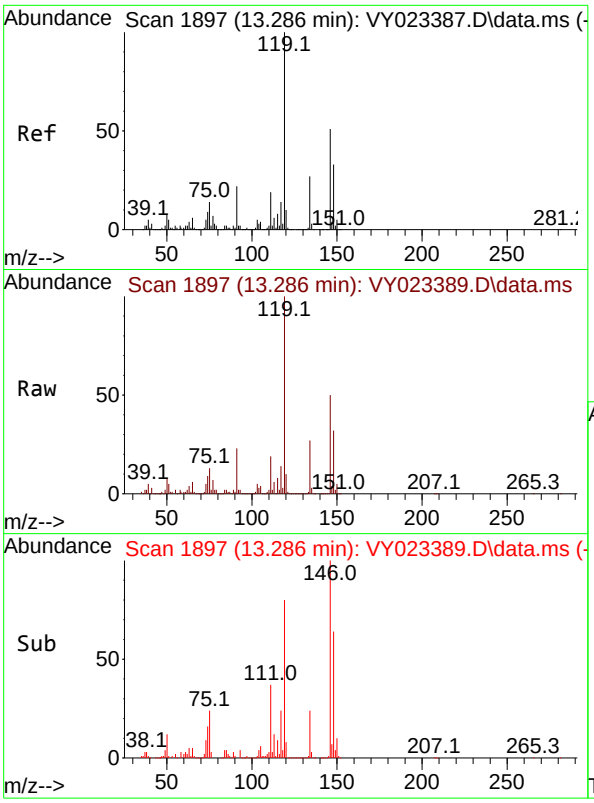


#86
p-Isopropyltoluene
Concen: 165.622 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:119 Resp: 4024712

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.7
91	22.1	10.9	32.9



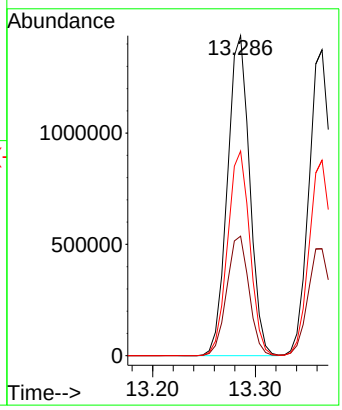


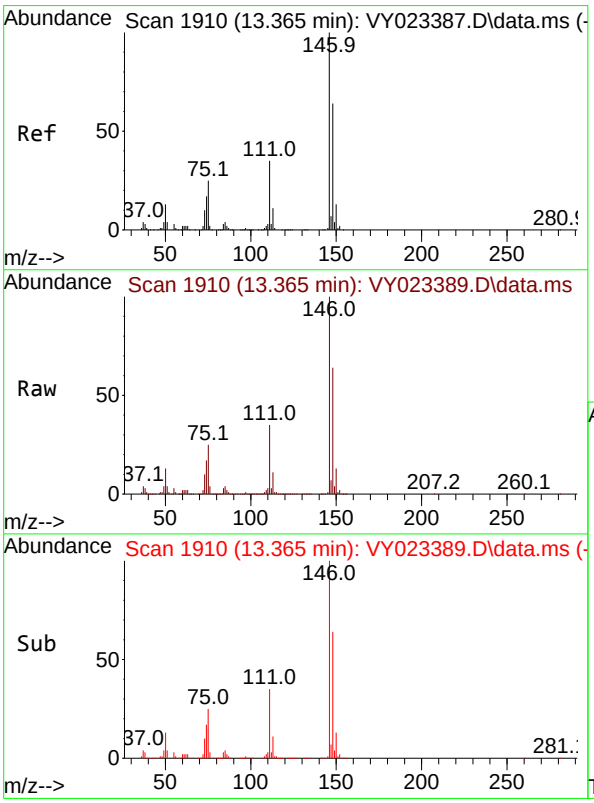
#87
1,3-Dichlorobenzene
Concen: 159.350 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 2165278

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.0	31.9	95.9

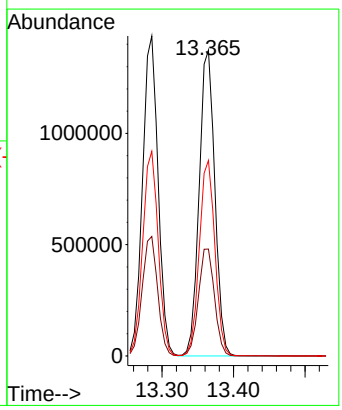


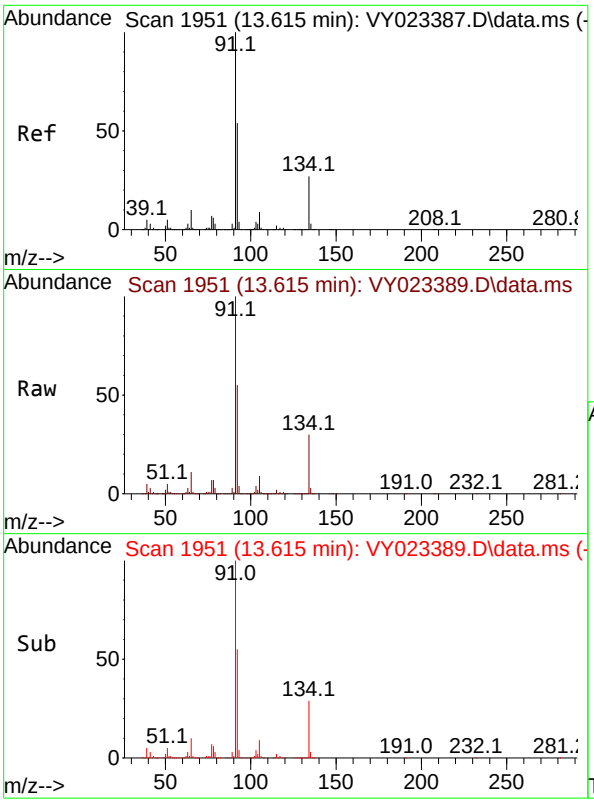


#88
1,4-Dichlorobenzene
Concen: 155.104 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:146 Resp: 2090133

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.0	54.0
148	63.6	31.9	95.7



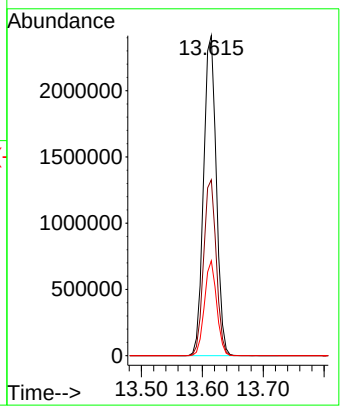


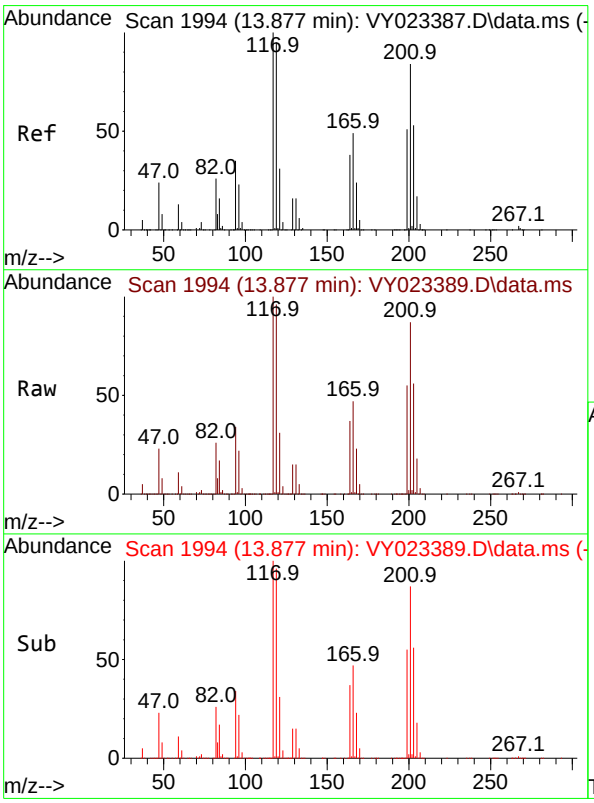
#89
n-Butylbenzene
Concen: 163.379 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 3505715

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	80.8
134	28.6	14.1	42.2

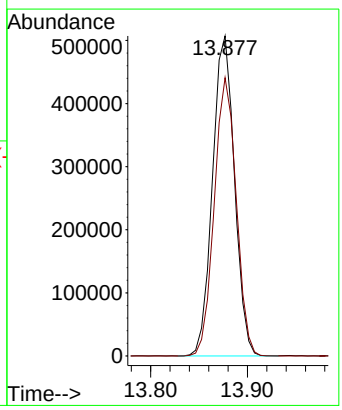


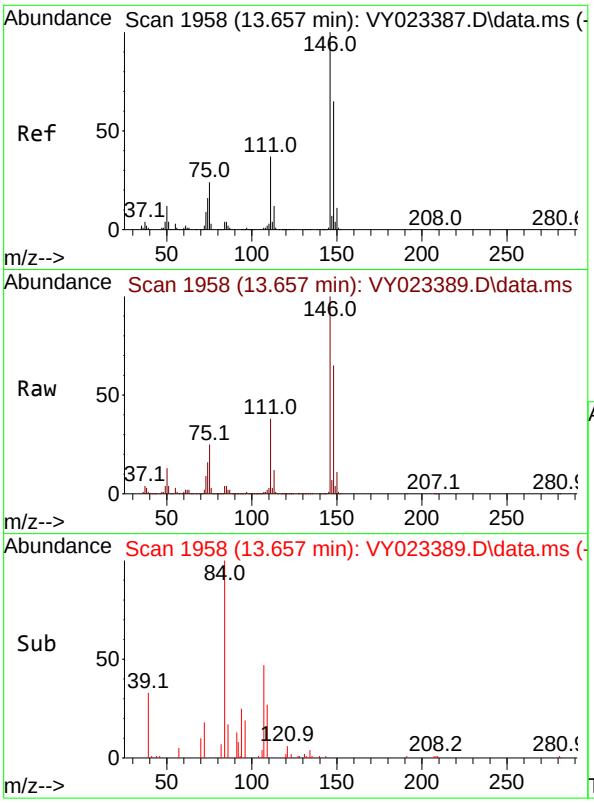


#90
Hexachloroethane
Concen: 151.487 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:117 Resp: 799264

Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.8	131.4



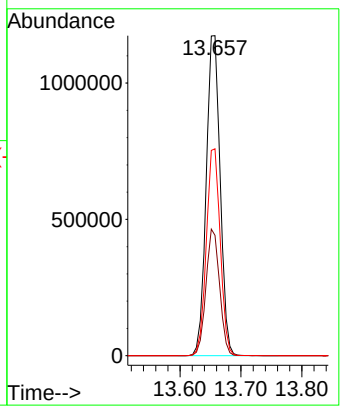


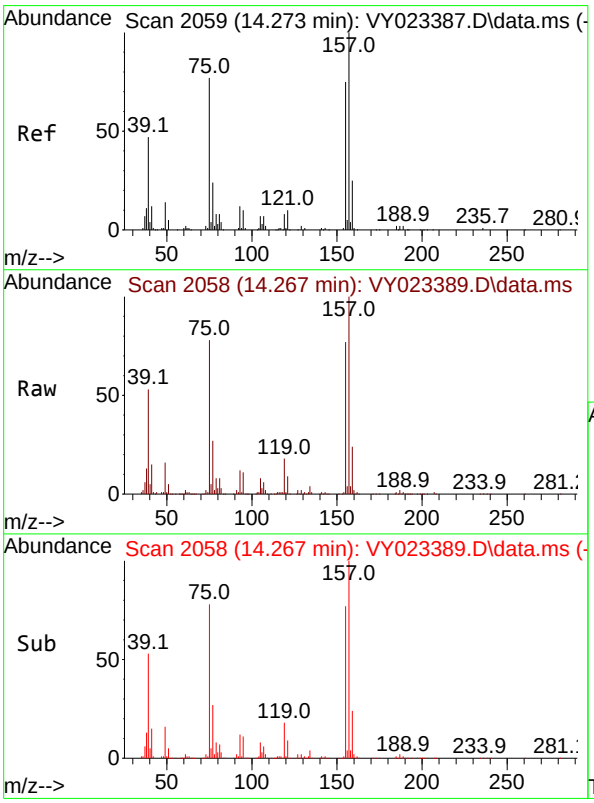
#91
1,2-Dichlorobenzene
Concen: 157.101 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 1862691

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.5	32.1	96.3

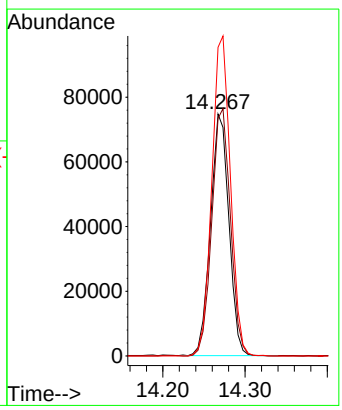


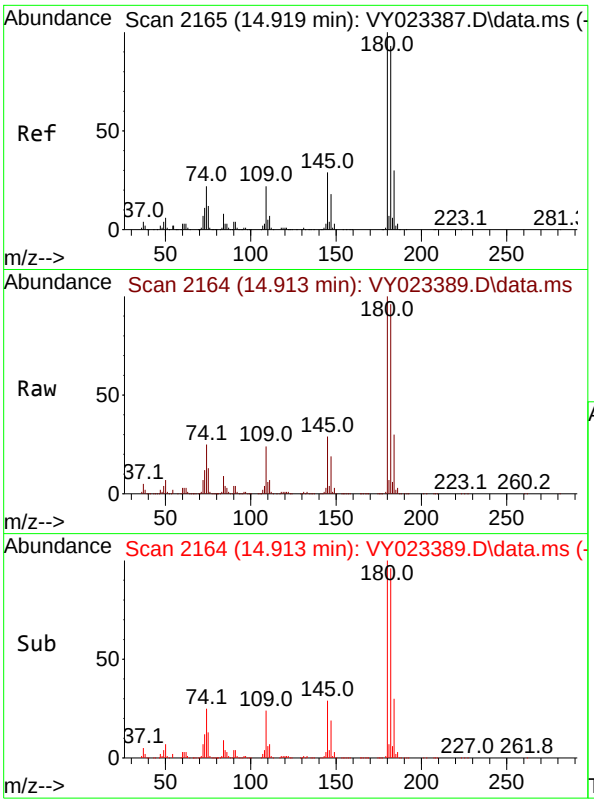


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.099 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion: 75 Resp: 116273

Ion	Ratio	Lower	Upper
75	100		
155	103.6	50.0	150.0
157	133.4	63.8	191.5



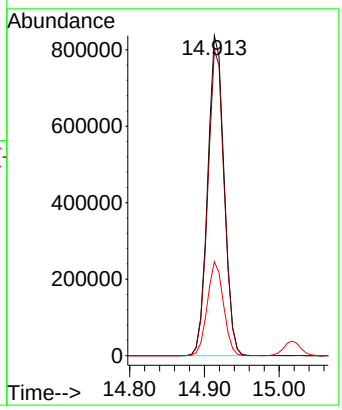


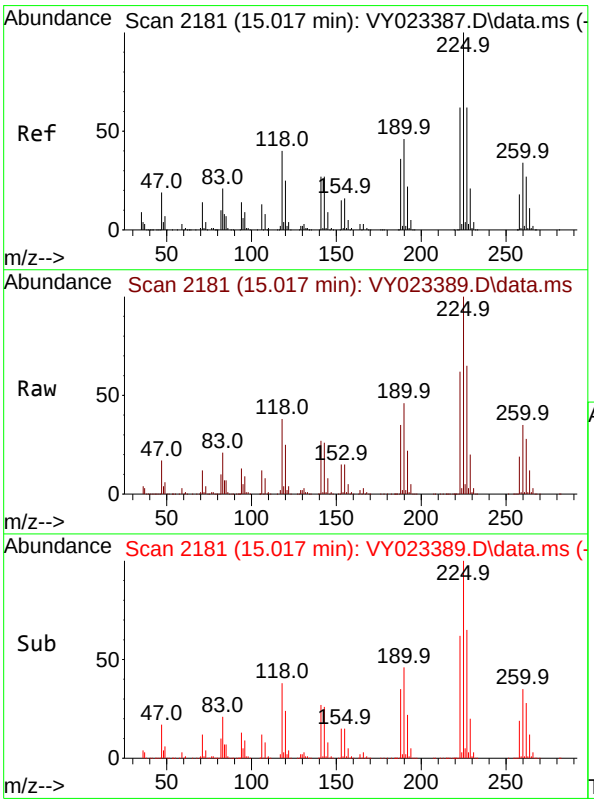
#93
1,2,4-Trichlorobenzene
Concen: 182.183 ug/l
RT: 14.913 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 1272621

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	28.9	14.7	44.1

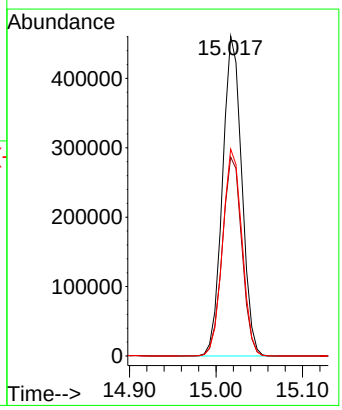


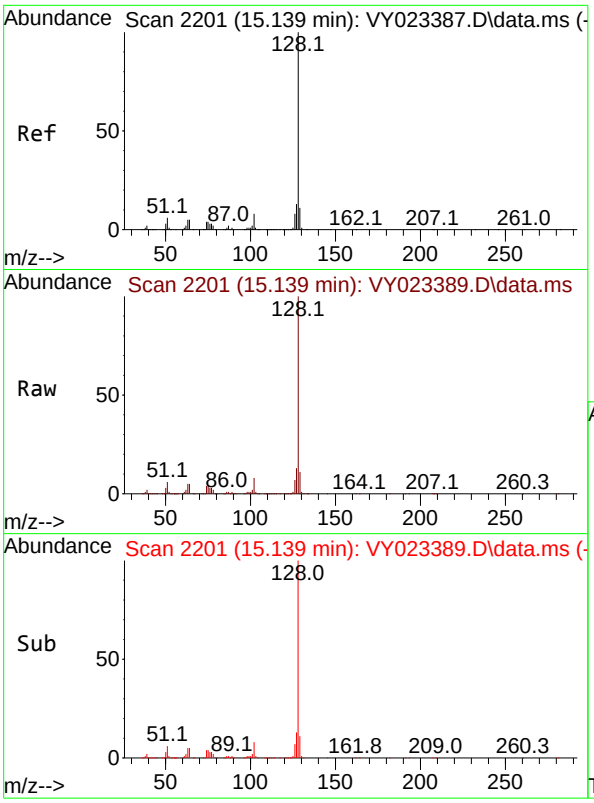


#94
Hexachlorobutadiene
Concen: 163.518 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:225 Resp: 711748

Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.3
227	65.0	31.9	95.7



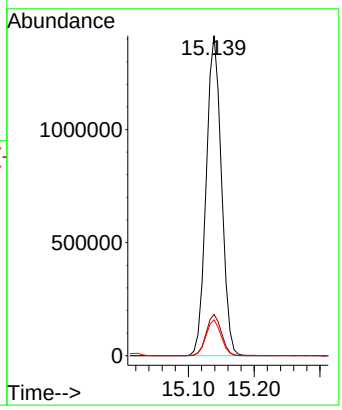


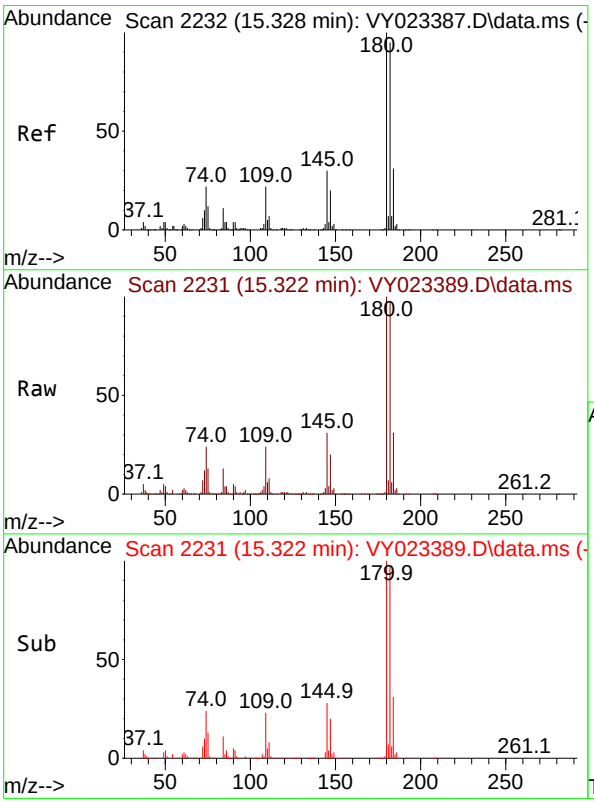
#95
Naphthalene
Concen: 204.639 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 2277549

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.9	13.3

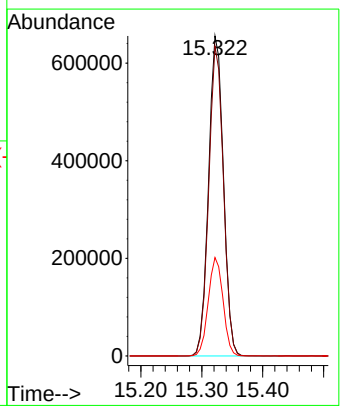




#96
1,2,3-Trichlorobenzene
Concen: 183.206 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023389.D
Acq: 07 Oct 2025 12:32

Tgt Ion:180 Resp: 1110193

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	30.5	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	861639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	771372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	405636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237493	49.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.900%			
35) Dibromofluoromethane	7.634	113	260038	49.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	970614	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	324700	49.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	185683	44.916	ug/l	99
3) Chloromethane	2.068	50	295766	52.519	ug/l	98
4) Vinyl Chloride	2.208	62	362714	49.449	ug/l	100
5) Bromomethane	2.598	94	300735	48.856	ug/l	98
6) Chloroethane	2.739	64	256831	51.367	ug/l	99
7) Trichlorofluoromethane	3.056	101	494789	48.582	ug/l	99
8) Diethyl Ether	3.458	74	135857	51.050	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	257524	48.728	ug/l	100
10) Methyl Iodide	4.007	142	305209	51.875	ug/l	98
11) Tert butyl alcohol	4.860	59	82562	231.079	ug/l	100
12) 1,1-Dichloroethene	3.787	96	254382	49.653	ug/l	97
13) Acrolein	3.653	56	124288	246.184	ug/l	99
14) Allyl chloride	4.385	41	316213	50.645	ug/l	99
15) Acrylonitrile	5.055	53	256219	251.575	ug/l	99
16) Acetone	3.866	43	243433	212.910	ug/l	98
17) Carbon Disulfide	4.104	76	733457	50.021	ug/l	100
18) Methyl Acetate	4.385	43	151281	50.439	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	643111	52.230	ug/l	97
20) Methylene Chloride	4.616	84	324604	52.503	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	290384	51.482	ug/l	98
22) Diisopropyl ether	6.019	45	709381	51.364	ug/l	99
23) Vinyl Acetate	5.958	43	1950969	260.981	ug/l	99
24) 1,1-Dichloroethane	5.915	63	464207	50.742	ug/l	98
25) 2-Butanone	6.890	43	325351	233.083	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416585	49.626	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	341964	52.485	ug/l	97
28) Bromochloromethane	7.244	49	155146	45.427	ug/l	100
29) Tetrahydrofuran	7.262	42	200513	253.317	ug/l	99
30) Chloroform	7.421	83	513997	51.137	ug/l	98
31) Cyclohexane	7.701	56	378819	47.416	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	456112	49.934	ug/l	100
36) 1,1-Dichloropropene	7.835	75	348786	49.761	ug/l	99
37) Ethyl Acetate	6.982	43	138119	49.740	ug/l	98
38) Carbon Tetrachloride	7.817	117	413653	48.671	ug/l	99
39) Methylcyclohexane	9.109	83	456031	49.970	ug/l	99
40) Benzene	8.079	78	1107790	49.906	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	72100	48.008	ug/l		96
42) 1,2-Dichloroethane	8.158	62	282332	49.318	ug/l		99
43) Isopropyl Acetate	8.195	43	279887	50.548	ug/l		100
44) Trichloroethene	8.866	130	319131	49.120	ug/l		98
45) 1,2-Dichloropropane	9.140	63	246887	50.355	ug/l		100
46) Dibromomethane	9.231	93	157758	50.885	ug/l		98
47) Bromodichloromethane	9.420	83	393918	50.450	ug/l		99
48) Methyl methacrylate	9.219	41	128606	49.440	ug/l		95
49) 1,4-Dioxane	9.231	88	37356	1039.252	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	724992	253.421	ug/l		100
52) Toluene	10.170	92	743055	51.556	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	347336	51.160	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	413860	51.649	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	210245	50.430	ug/l		97
56) Ethyl methacrylate	10.438	69	256731	53.385	ug/l		99
57) 1,3-Dichloropropane	10.713	76	337673	51.113	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	586266	272.133	ug/l		100
59) 2-Hexanone	10.762	43	501877	245.480	ug/l		99
60) Dibromochloromethane	10.908	129	297946	50.974	ug/l		99
61) 1,2-Dibromoethane	11.018	107	201415	50.658	ug/l		100
64) Tetrachloroethene	10.646	164	382998	48.087	ug/l		99
65) Chlorobenzene	11.438	112	828466	49.381	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	296157	49.537	ug/l		99
67) Ethyl Benzene	11.518	91	1380691	50.841	ug/l		100
68) m/p-Xylenes	11.627	106	1108386	101.757	ug/l		100
69) o-Xylene	11.950	106	526954	51.577	ug/l		100
70) Styrene	11.969	104	875709	52.122	ug/l		100
71) Bromoform	12.133	173	185682	50.070	ug/l	#	98
73) Isopropylbenzene	12.255	105	1345109	50.318	ug/l		100
74) N-amyl acetate	12.066	43	245291	51.087	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	217245	49.688	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	284532	79.505	ug/l	#	100
77) Bromobenzene	12.530	156	352420	49.590	ug/l		99
78) n-propylbenzene	12.591	91	1568180	50.694	ug/l		100
79) 2-Chlorotoluene	12.676	91	906610	50.047	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1106664	51.231	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	67959	46.566	ug/l		97
82) 4-Chlorotoluene	12.773	91	941314	50.455	ug/l		100
83) tert-Butylbenzene	12.993	119	1037510	52.019	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1110672	51.520	ug/l		99
85) sec-Butylbenzene	13.176	105	1454774	50.848	ug/l		100
86) p-Isopropyltoluene	13.292	119	1263377	51.864	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	686854	49.632	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	671644	49.140	ug/l		100
89) n-Butylbenzene	13.615	91	1100086	51.829	ug/l		99
90) Hexachloroethane	13.877	117	257335	49.116	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	602989	49.698	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34928	48.687	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	386806	51.138	ug/l		100
94) Hexachlorobutadiene	15.023	225	236040	50.061	ug/l		99
95) Naphthalene	15.139	128	628190	52.154	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	335267	51.172	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

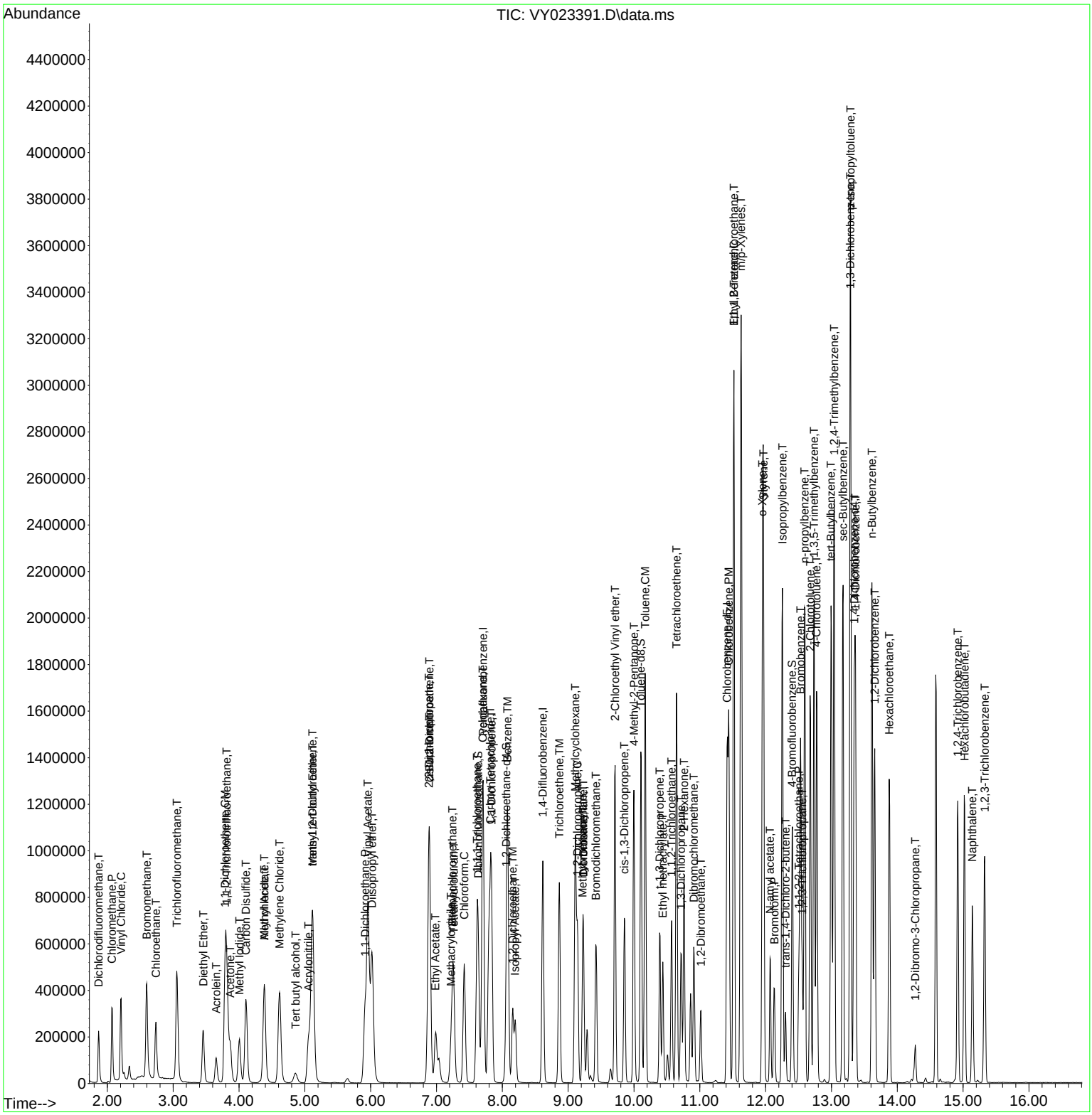
(#) = qualifier out of range (m) = manual integration (+) = signals summed

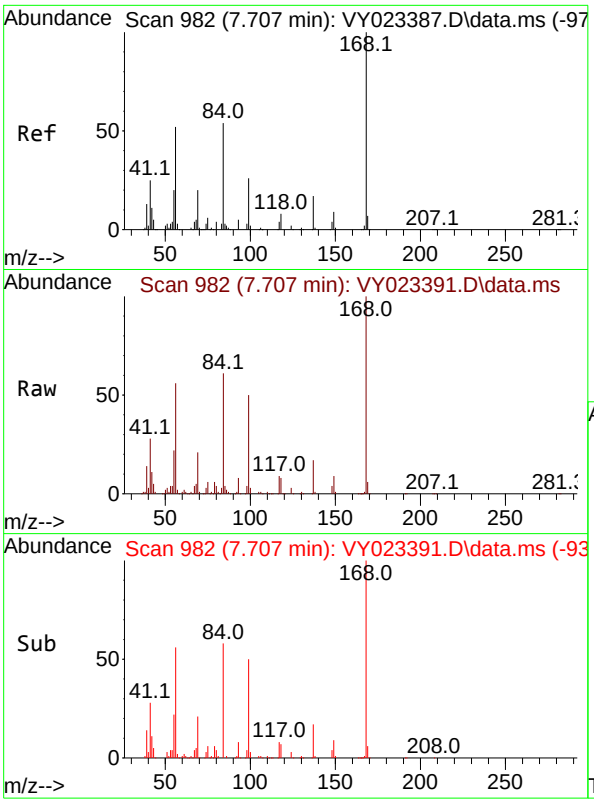
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



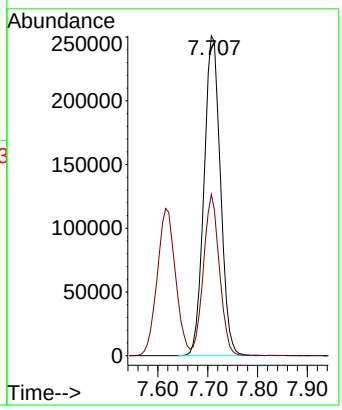


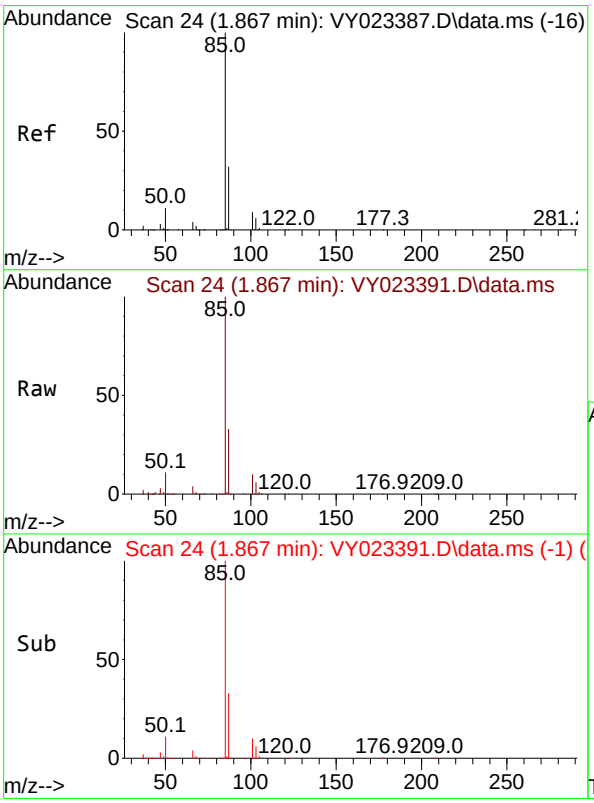
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:168 Resp: 574332

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.7	59.5

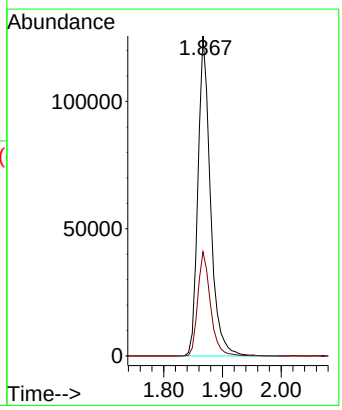


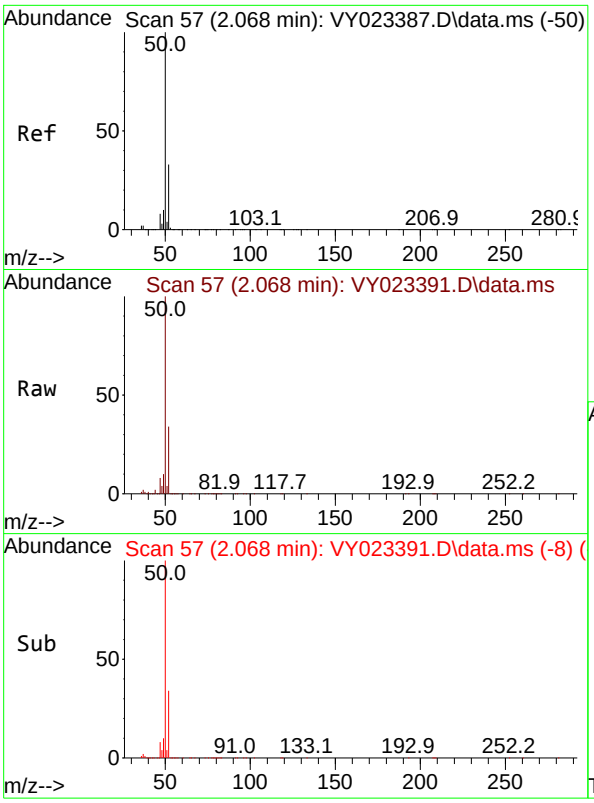


#2
Dichlorodifluoromethane
Concen: 44.916 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 85 Resp: 185683

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.0	47.9



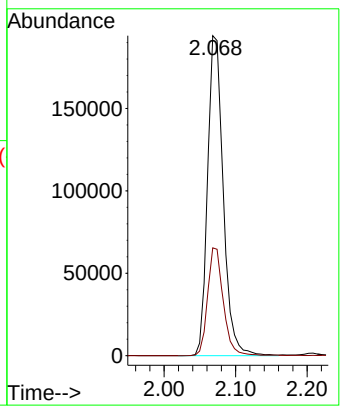


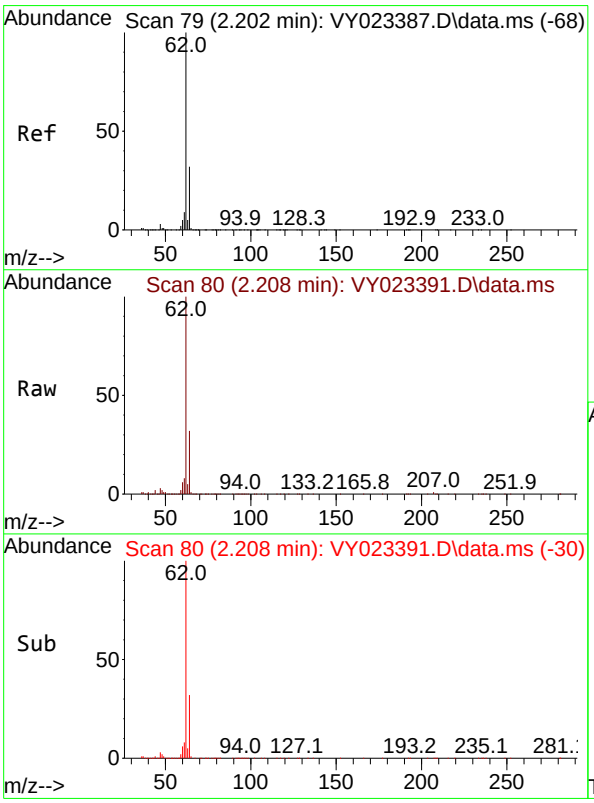
#3
Chloromethane
Concen: 52.519 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 50 Resp: 295766

Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.2	39.2

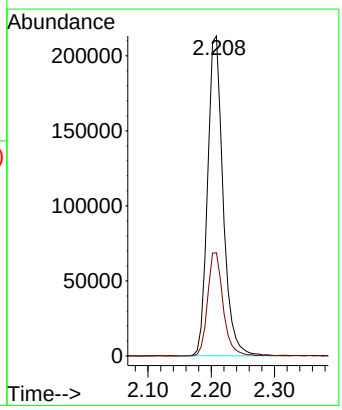


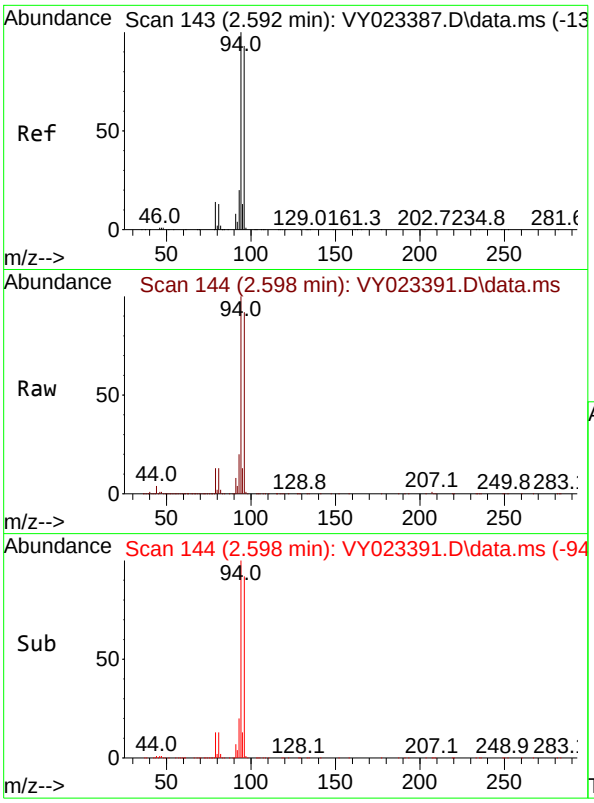


#4
Vinyl Chloride
Concen: 49.449 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 362714

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.8	38.8



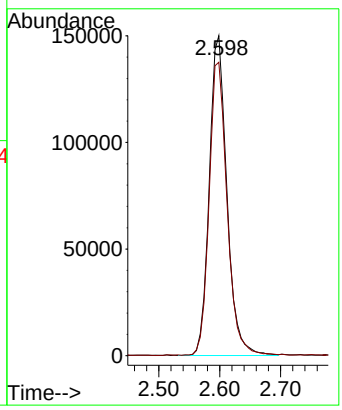


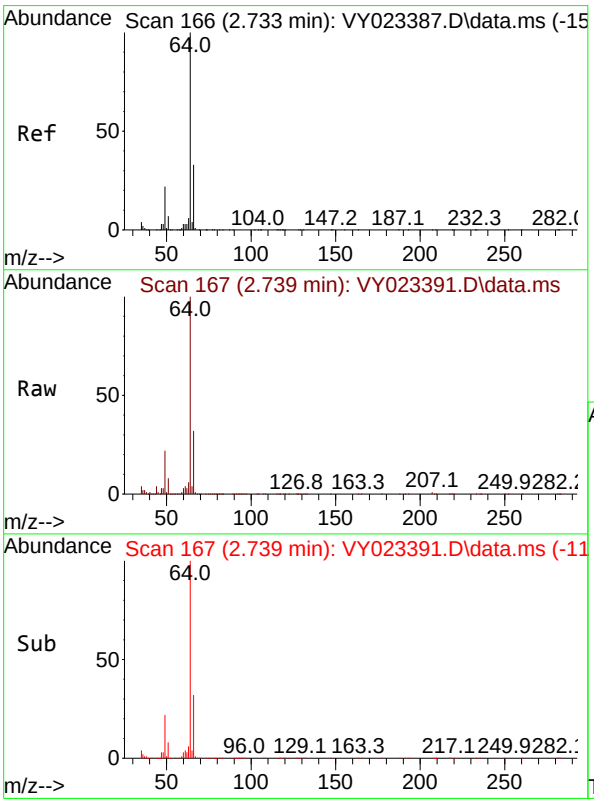
#5
Bromomethane
Concen: 48.856 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 94 Resp: 300735

Ion	Ratio	Lower	Upper
94	100		
96	91.5	74.5	111.7

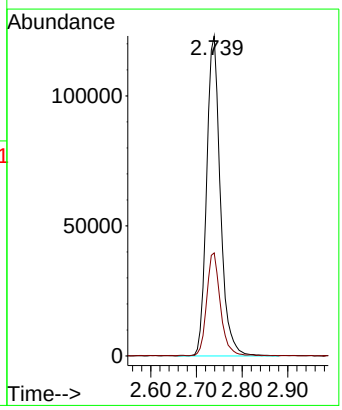


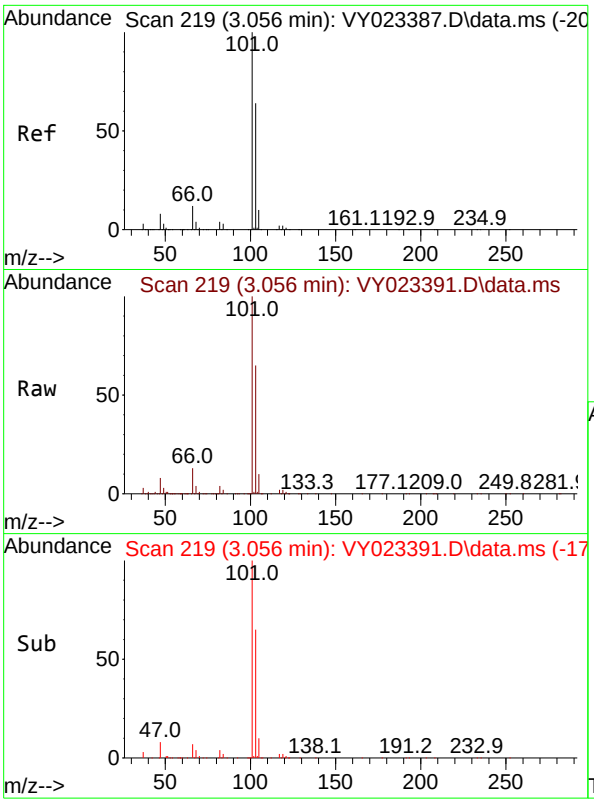


#6
Chloroethane
Concen: 51.367 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 64 Resp: 256831

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.2	39.4



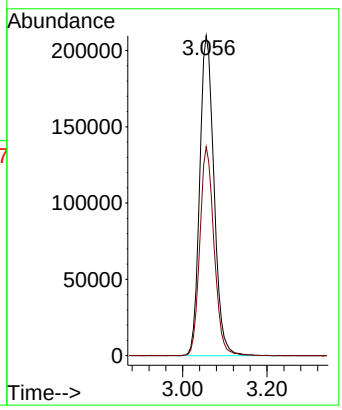


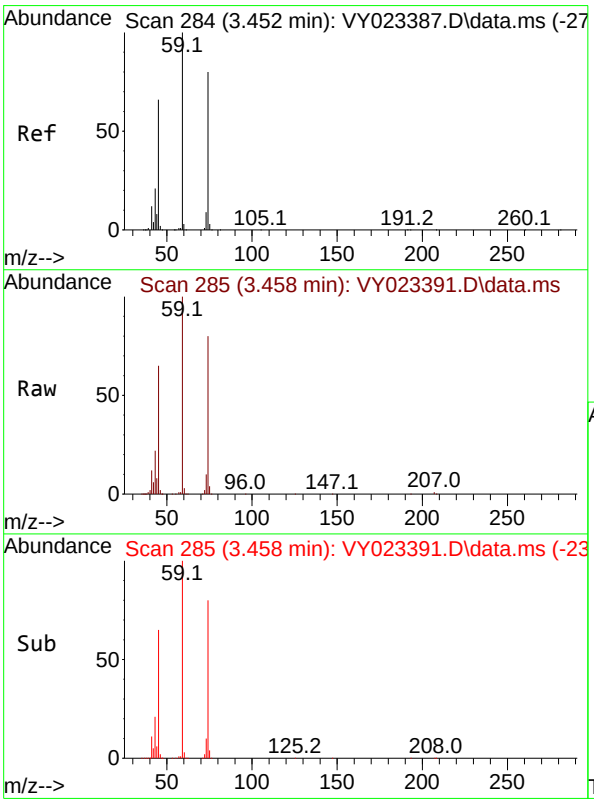
#7
Trichlorofluoromethane
Concen: 48.582 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:101 Resp: 494789

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9

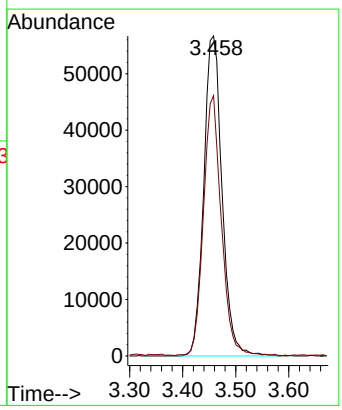


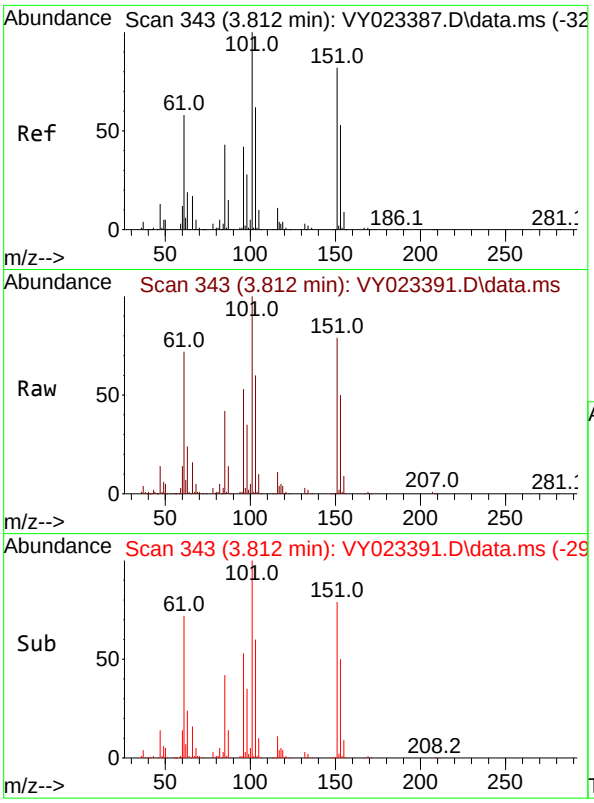


#8
Diethyl Ether
Concen: 51.050 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 74 Resp: 135857

Ion	Ratio	Lower	Upper
74	100		
45	80.1	39.9	119.7



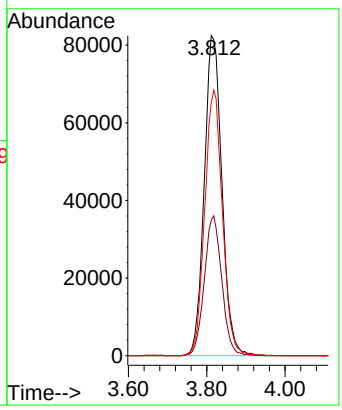


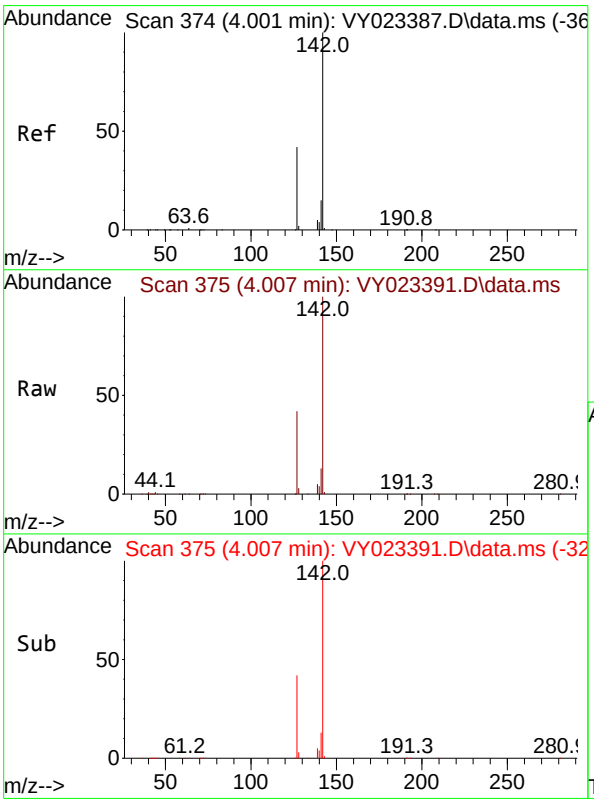
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.728 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:101 Resp: 257524

Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	83.2	67.0	100.6

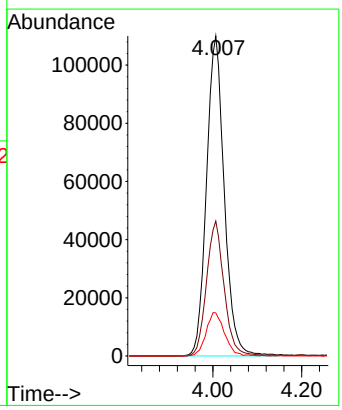


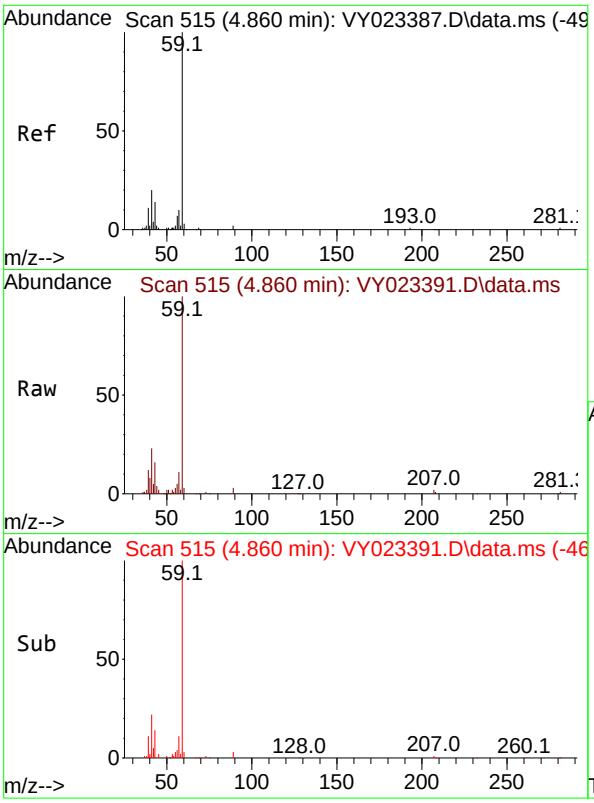


#10
Methyl Iodide
Concen: 51.875 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:142 Resp: 305209

Ion	Ratio	Lower	Upper
142	100		
127	41.8	34.8	52.2
141	14.1	11.6	17.4



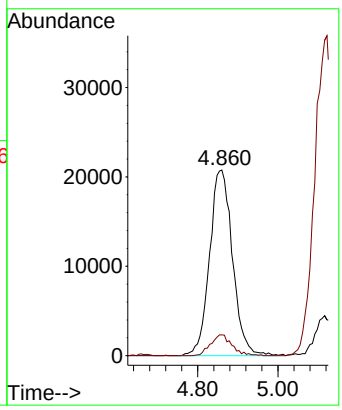


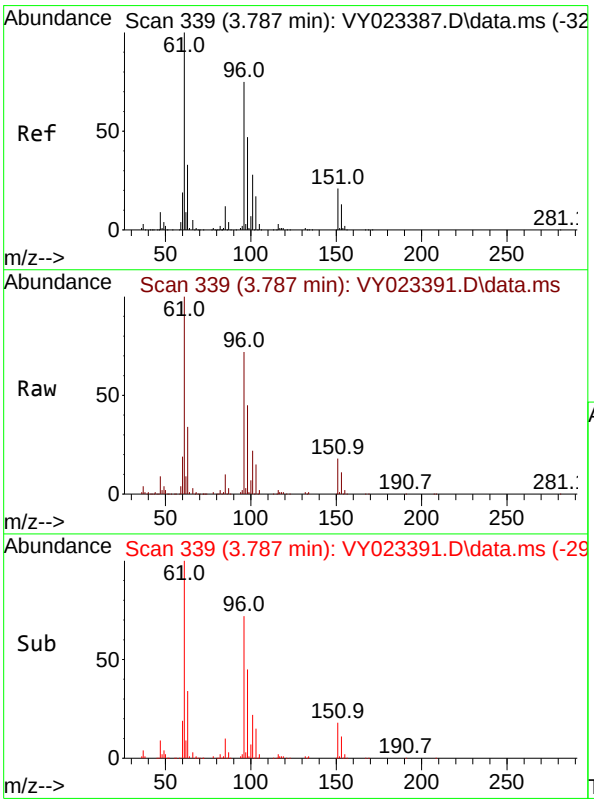
#11
Tert butyl alcohol
Concen: 231.079 ug/l
RT: 4.860 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 59 Resp: 82562

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

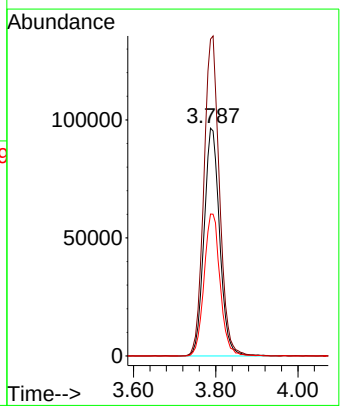


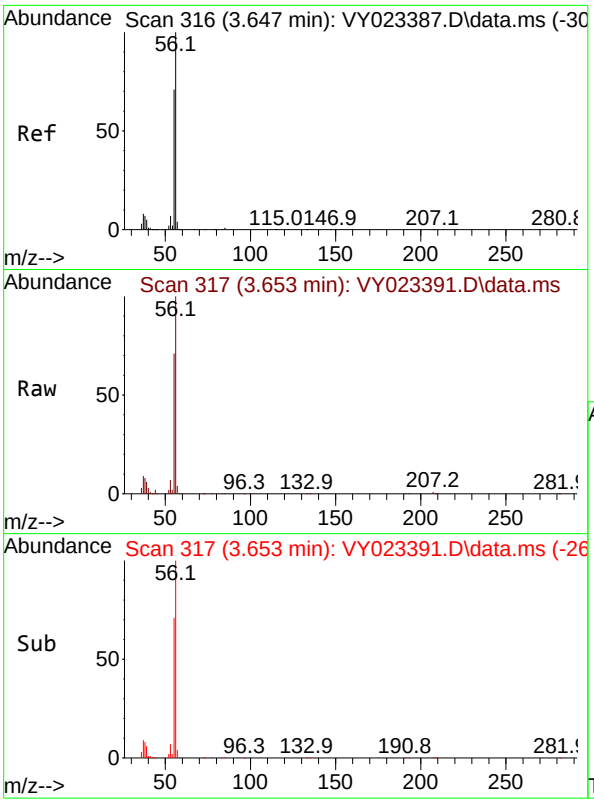


#12
1,1-Dichloroethene
Concen: 49.653 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 96 Resp: 254382

Ion	Ratio	Lower	Upper
96	100		
61	139.1	106.7	160.1
98	62.3	50.2	75.4



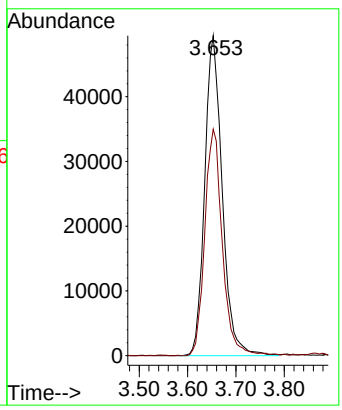


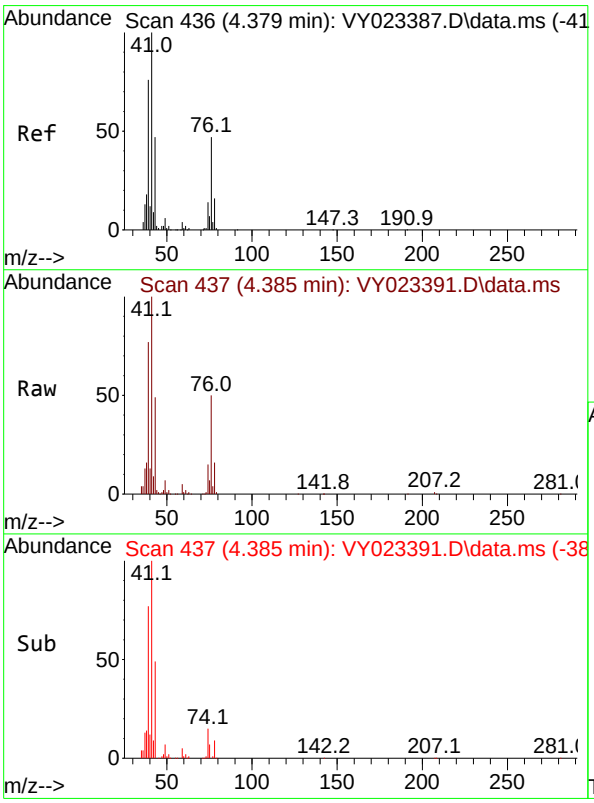
#13
Acrolein
Concen: 246.184 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 56 Resp: 124288

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.1	84.1

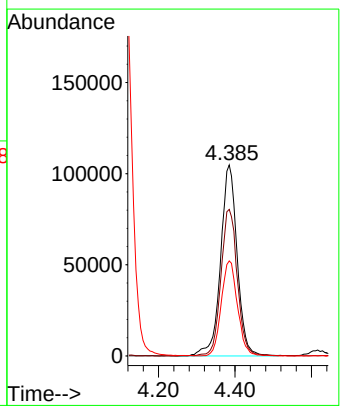


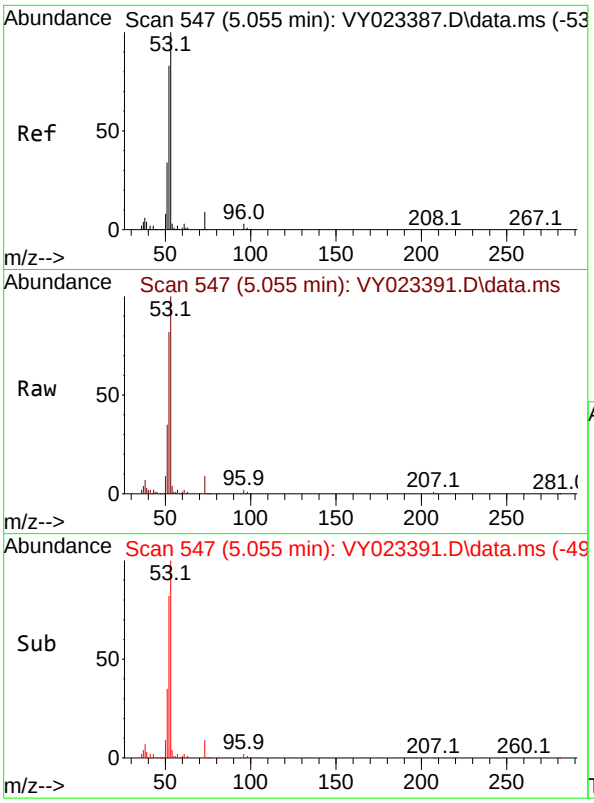


#14
Allyl chloride
Concen: 50.645 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 316213

Ion	Ratio	Lower	Upper
41	100		
39	76.2	59.9	89.9
76	48.1	38.0	57.0



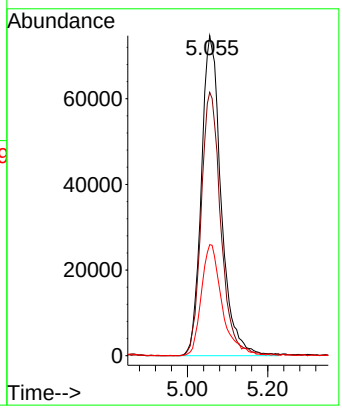


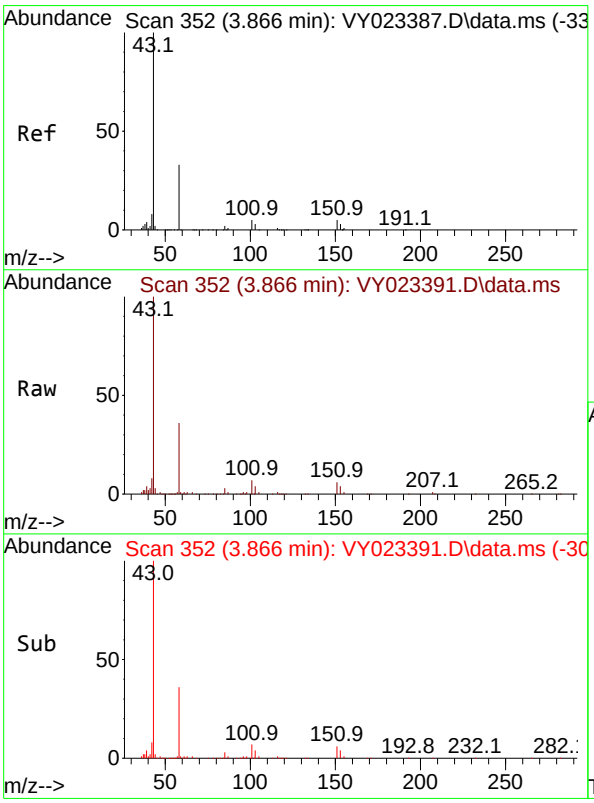
#15
Acrylonitrile
Concen: 251.575 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 53 Resp: 256219

Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.6	97.0
51	36.4	29.5	44.3

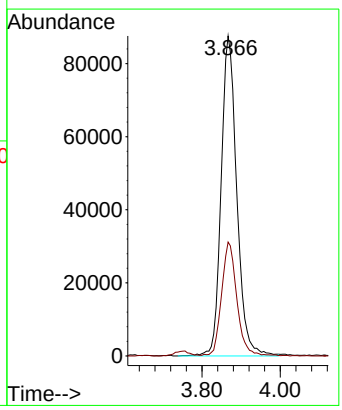


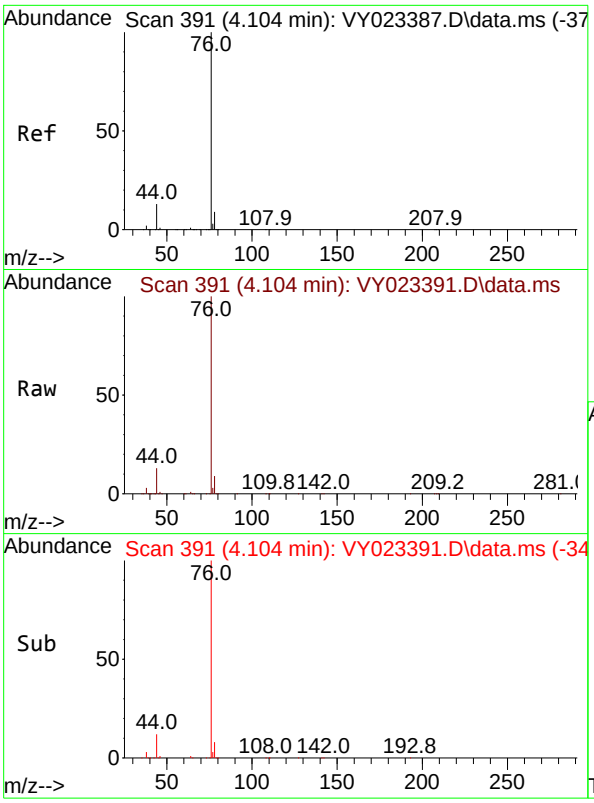


#16
Acetone
Concen: 212.910 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 243433

Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.7	41.5



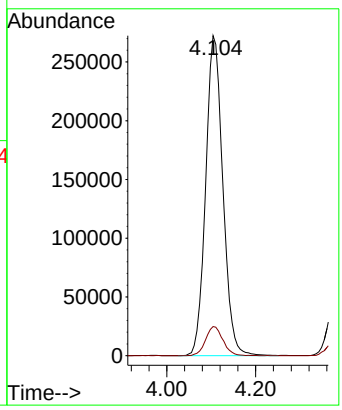


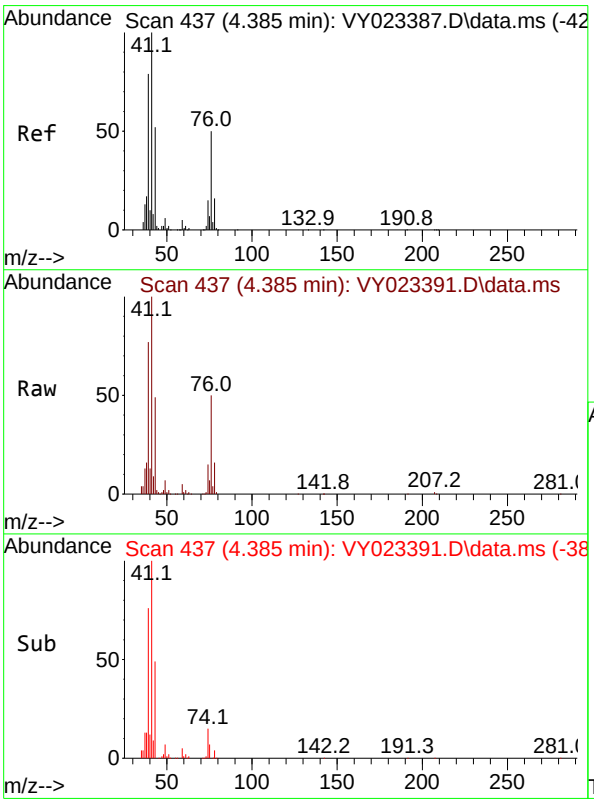
#17
Carbon Disulfide
Concen: 50.021 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 76 Resp: 733457

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

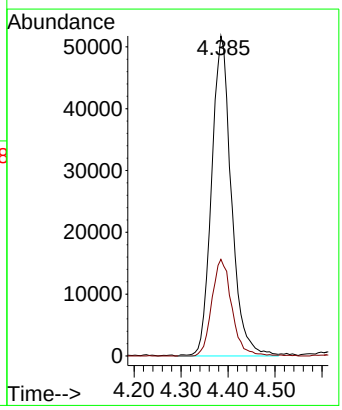


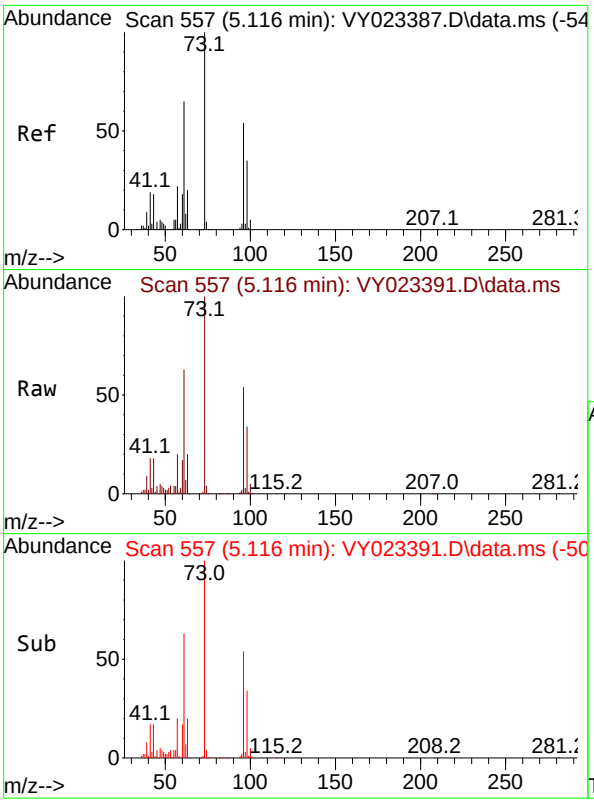


#18
Methyl Acetate
Concen: 50.439 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 151281

Ion	Ratio	Lower	Upper
43	100		
74	30.5	24.2	36.4



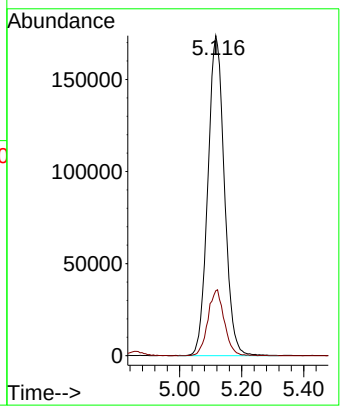


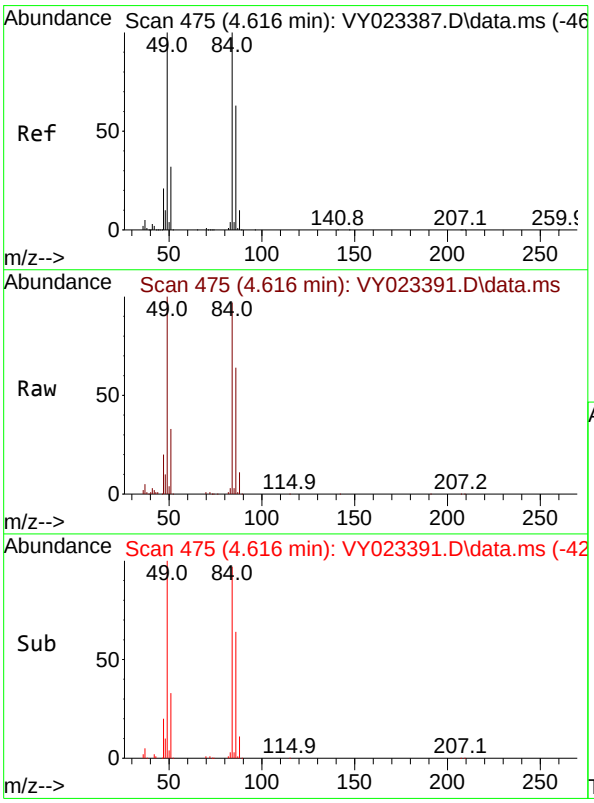
#19
Methyl tert-butyl Ether
Concen: 52.230 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 73 Resp: 643111

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.4	26.0

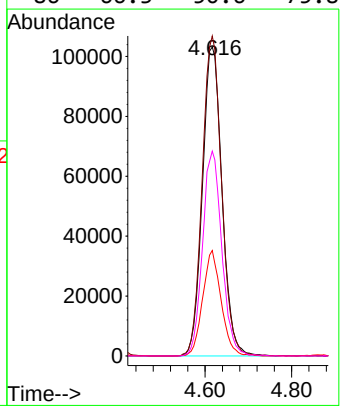


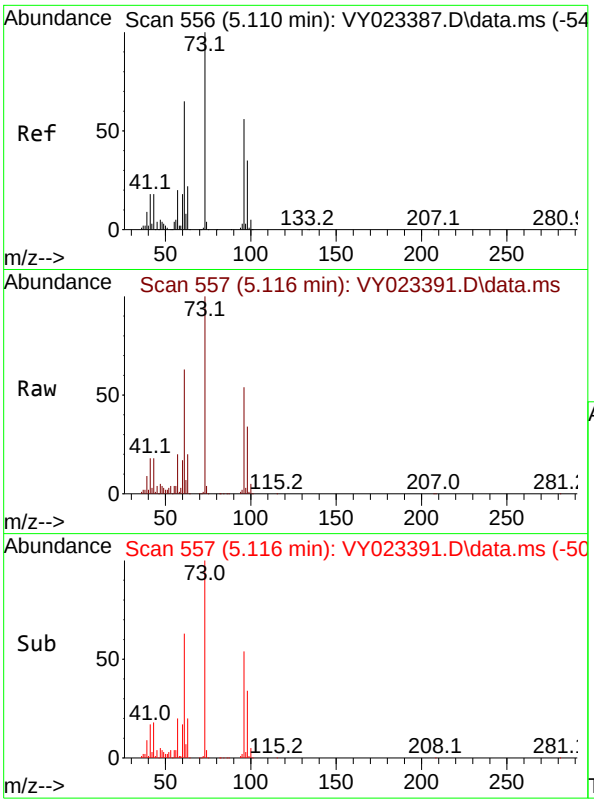


#20
Methylene Chloride
Concen: 52.503 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 84 Resp: 324604

Ion	Ratio	Lower	Upper
84	100		
49	103.5	80.2	120.4
51	34.1	25.9	38.9
86	66.3	50.6	75.8



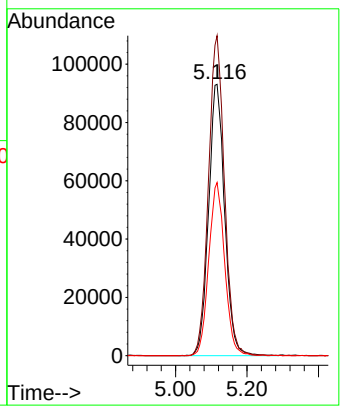


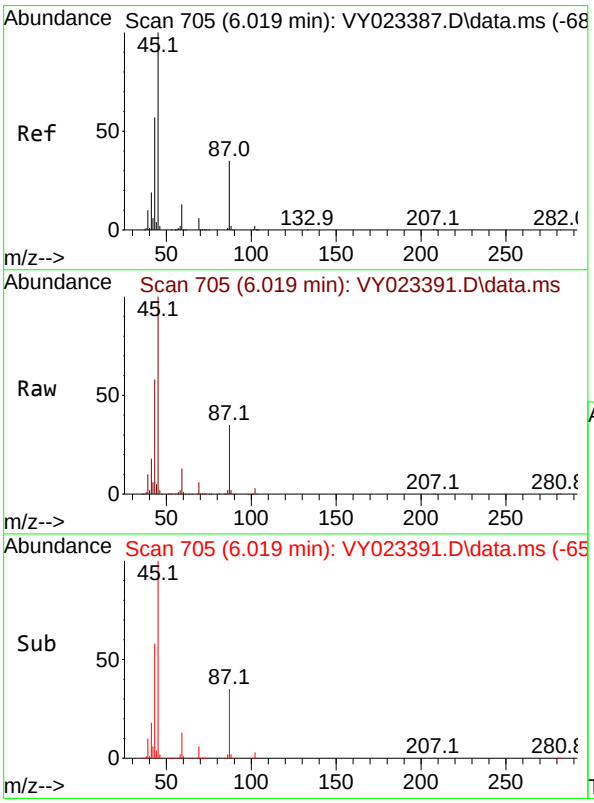
#21
trans-1,2-Dichloroethene
Concen: 51.482 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 96 Resp: 290384

Ion	Ratio	Lower	Upper
96	100		
61	117.9	92.7	139.1
98	63.8	49.7	74.5

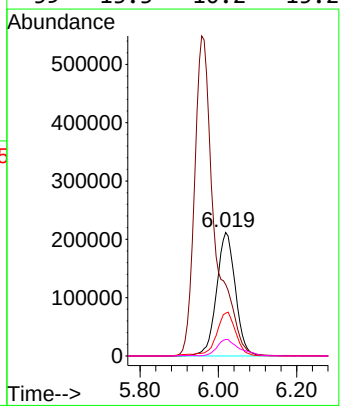


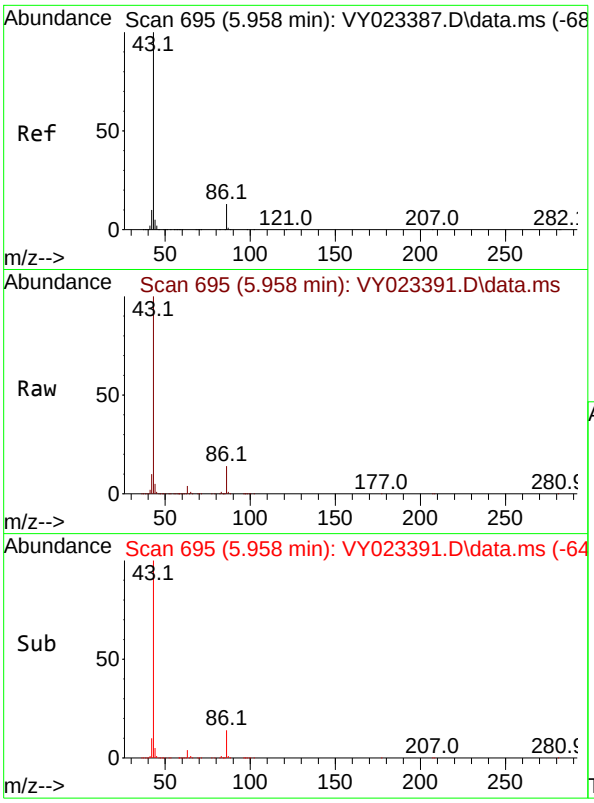


#22
Diisopropyl ether
Concen: 51.364 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 45 Resp: 709381

Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	34.6	28.1	42.1
59	13.3	10.2	15.2



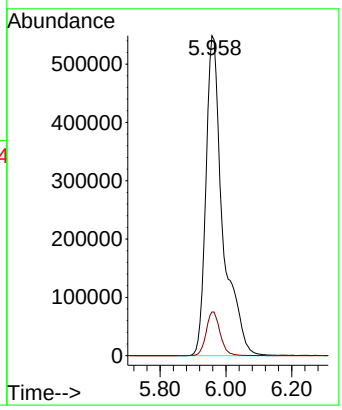


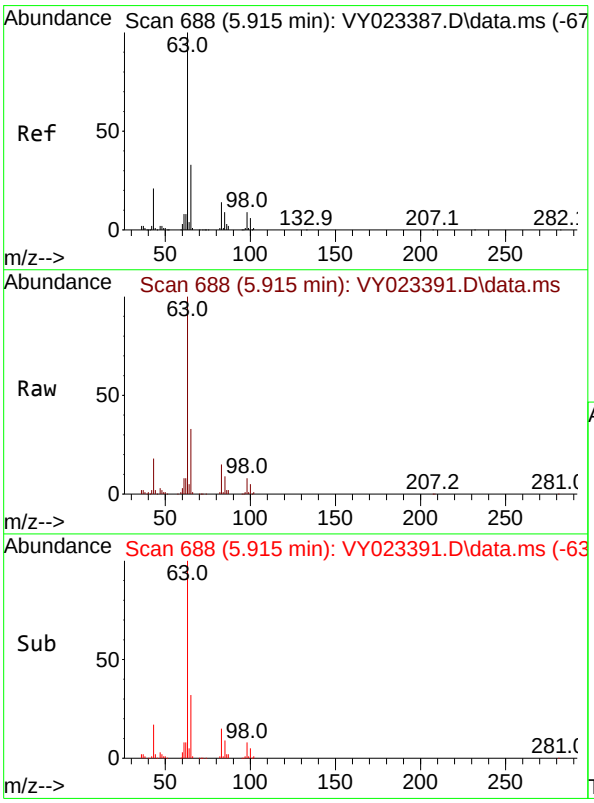
#23
Vinyl Acetate
Concen: 260.981 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 1950969

Ion	Ratio	Lower	Upper
43	100		
86	13.7	10.6	15.8

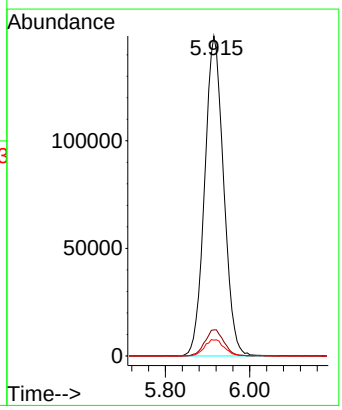


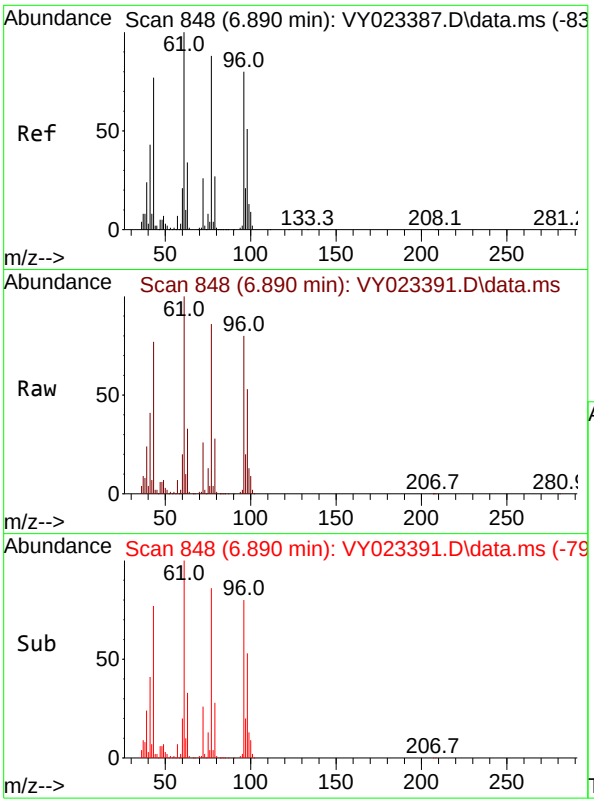


#24
1,1-Dichloroethane
Concen: 50.742 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 464207

Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.3	13.1
100	5.0	2.8	8.4



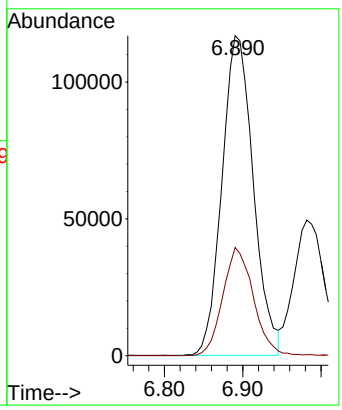


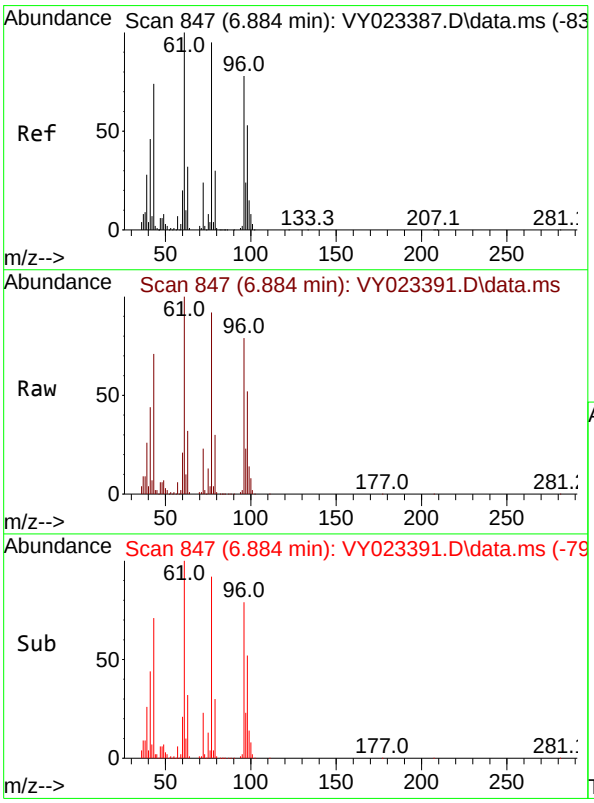
#25
2-Butanone
Concen: 233.083 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 325351

Ion	Ratio	Lower	Upper
43	100		
72	33.8	27.4	41.2

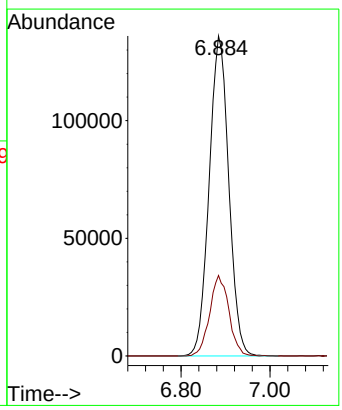


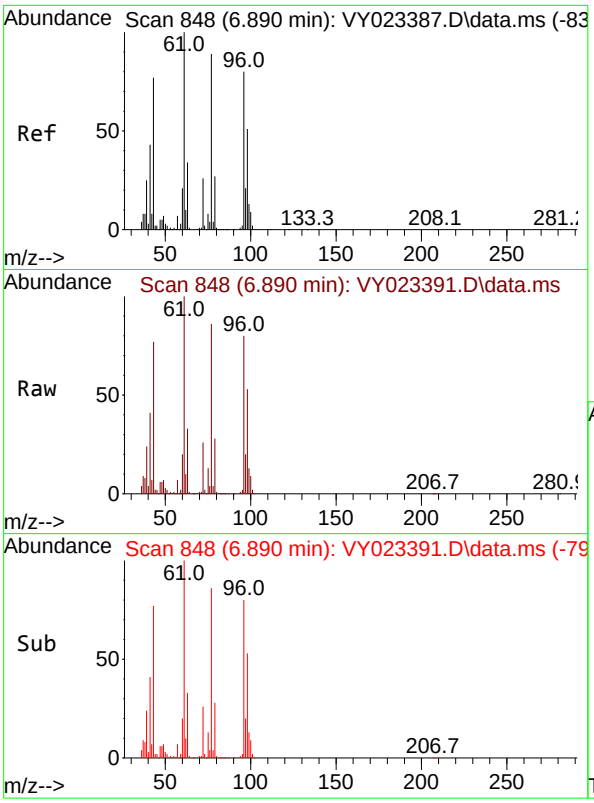


#26
2,2-Dichloropropane
Concen: 49.626 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 77 Resp: 416585

Ion	Ratio	Lower	Upper
77	100		
97	24.6	12.1	36.3



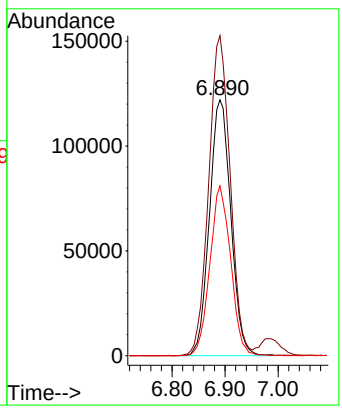


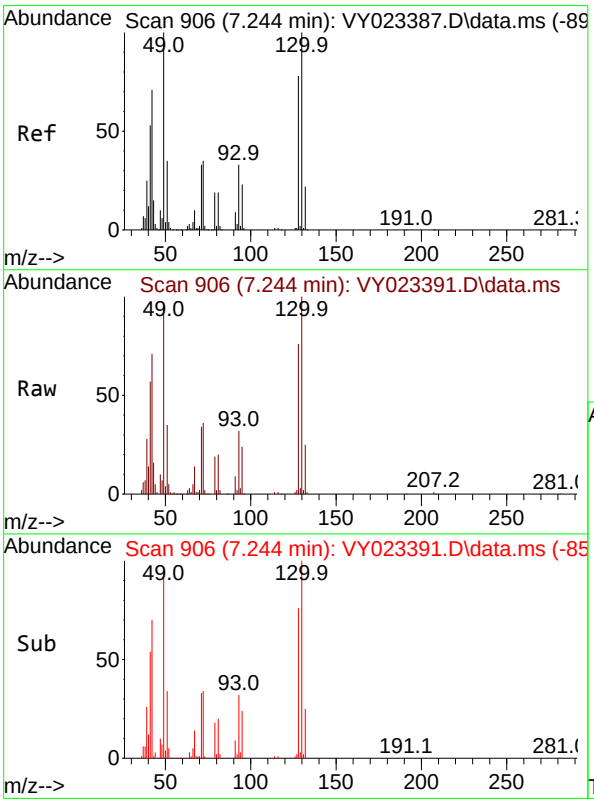
#27
cis-1,2-Dichloroethene
Concen: 52.485 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 96 Resp: 341964

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	258.2
98	64.3	0.0	132.0

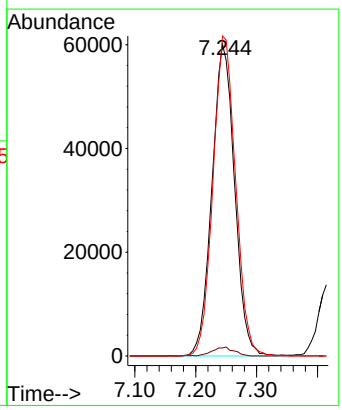


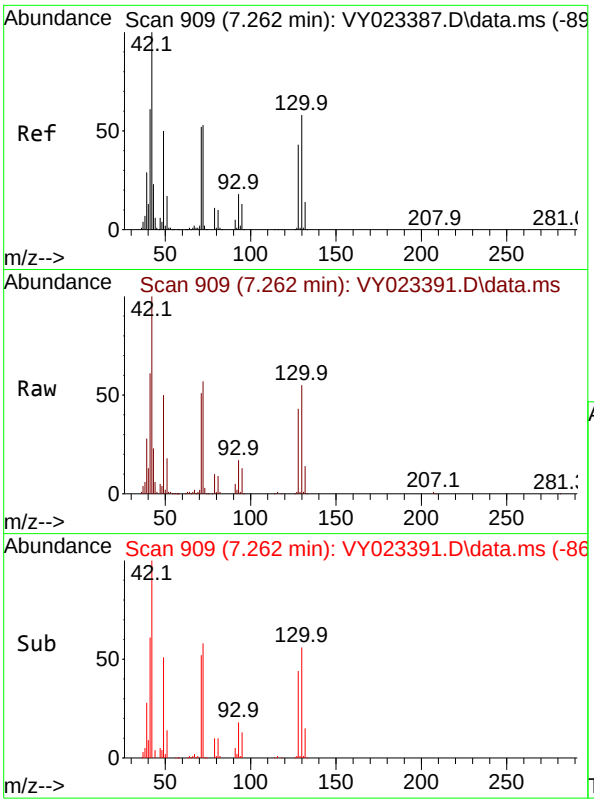


#28
Bromochloromethane
Concen: 45.427 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 49 Resp: 155146

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.6	81.9	122.9



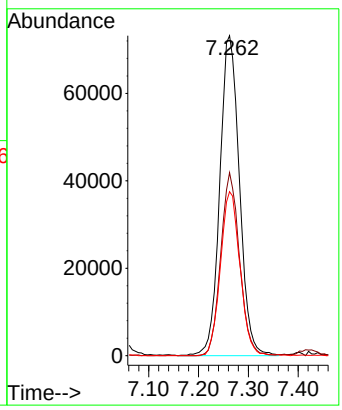


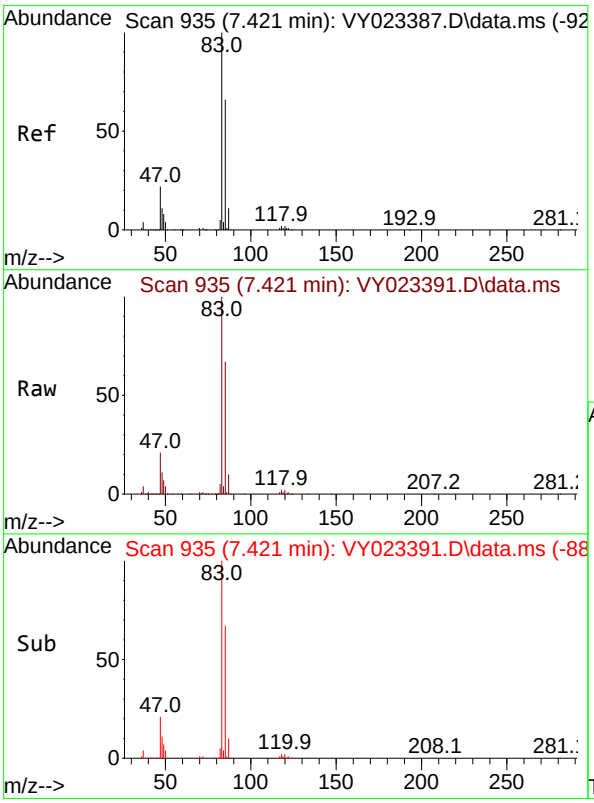
#29
Tetrahydrofuran
Concen: 253.317 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 42 Resp: 200513

Ion	Ratio	Lower	Upper
42	100		
72	54.6	43.0	64.6
71	51.1	40.1	60.1

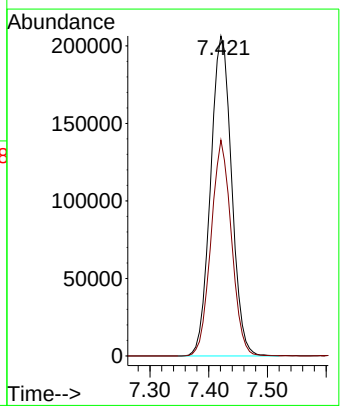


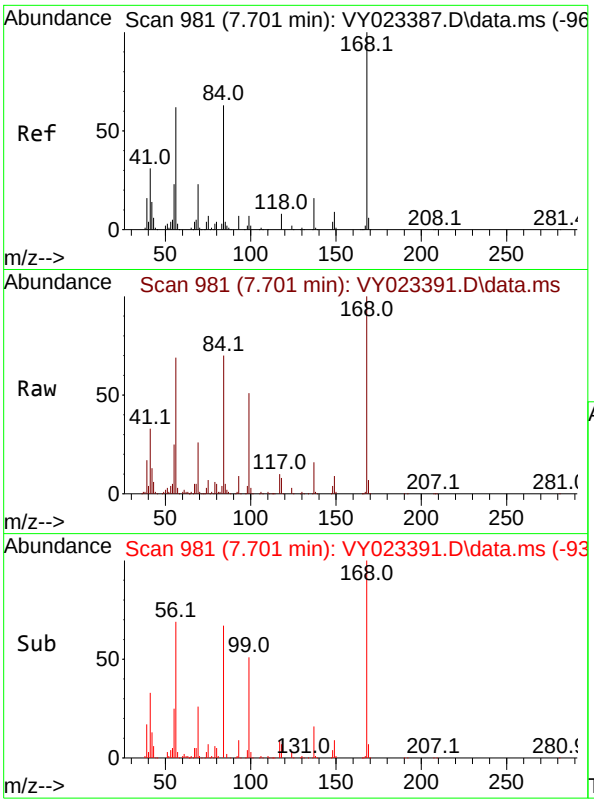


#30
Chloroform
Concen: 51.137 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 83 Resp: 513997

Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.5	78.7



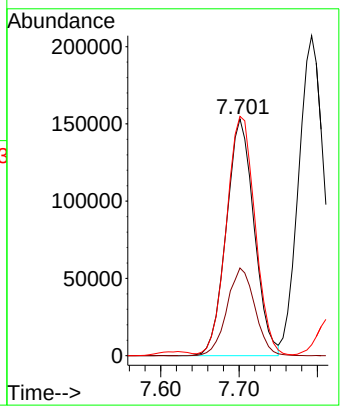


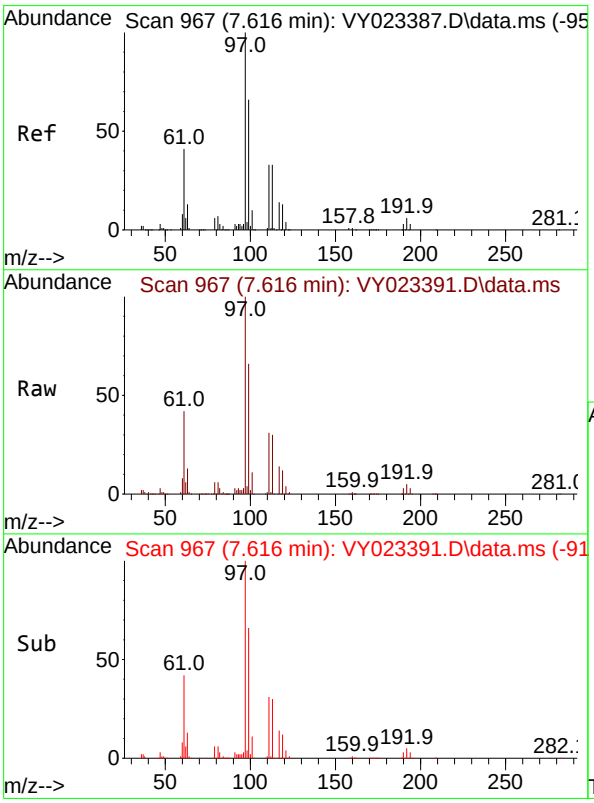
#31
Cyclohexane
Concen: 47.416 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 56 Resp: 378819

Ion	Ratio	Lower	Upper
56	100		
69	37.1	30.0	45.0
84	99.4	81.2	121.8

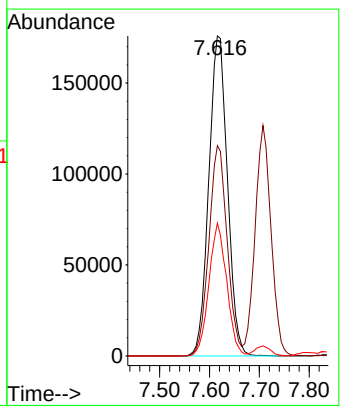


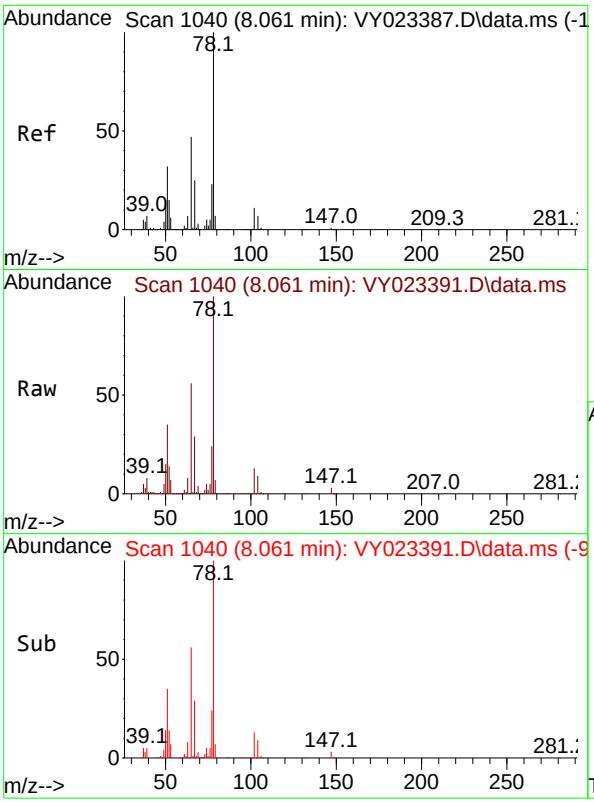


#32
1,1,1-Trichloroethane
Concen: 49.934 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 97 Resp: 456112

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	39.8	31.9	47.9



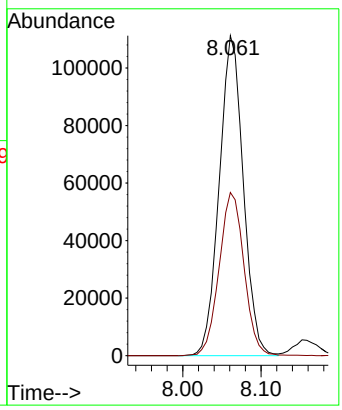


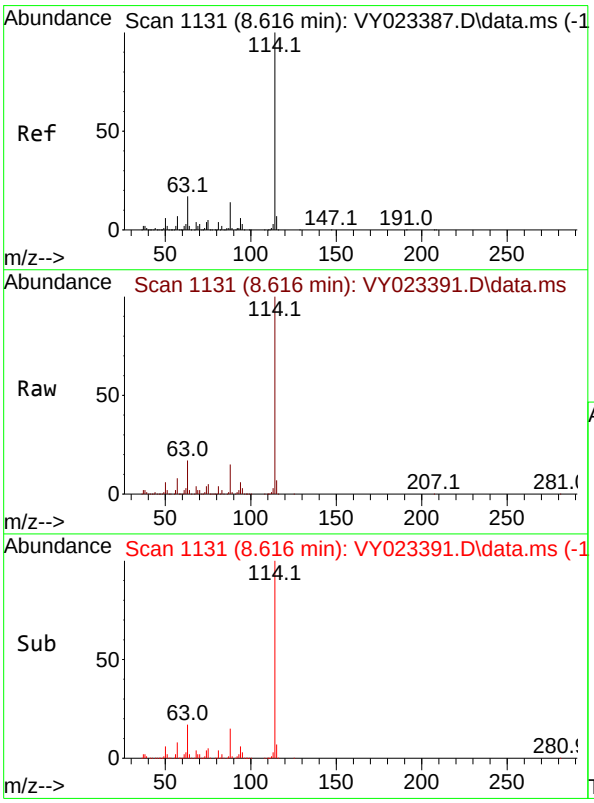
#33
1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 8.061 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 65 Resp: 237493

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8

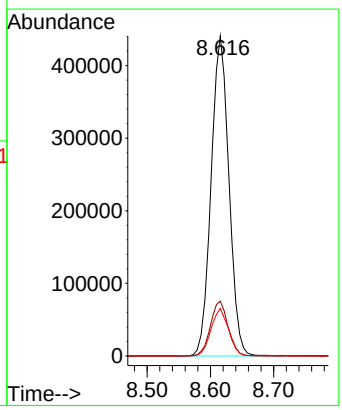


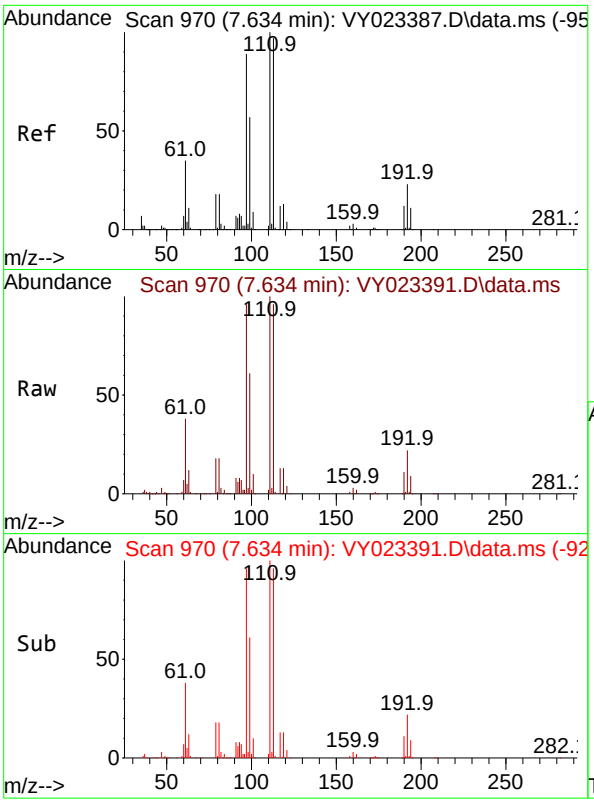


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:114 Resp: 861639

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.2
88	14.9	0.0	28.4



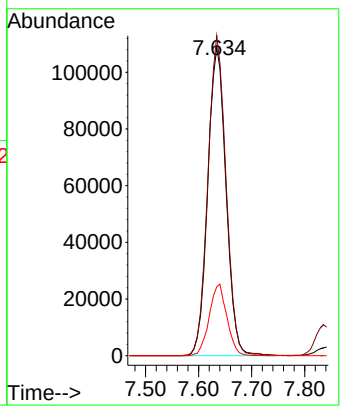


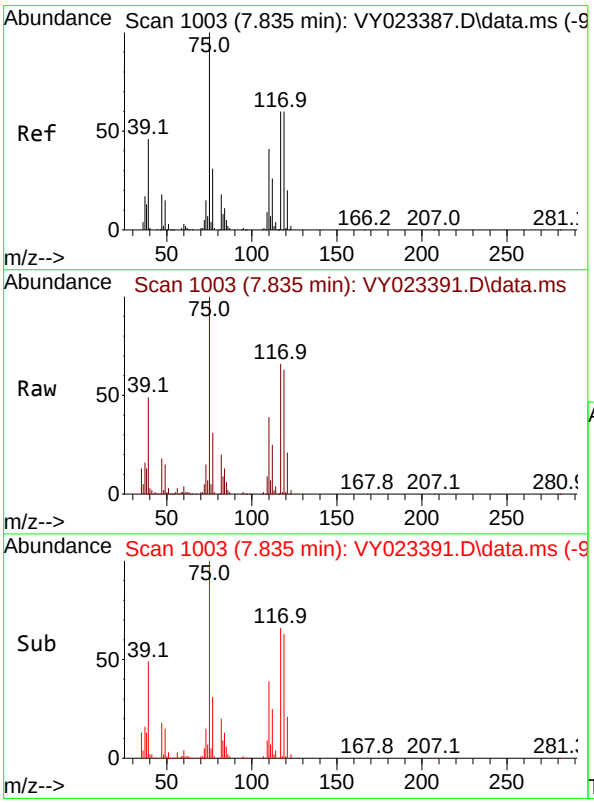
#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:113 Resp: 260038

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	22.5	18.0	27.0

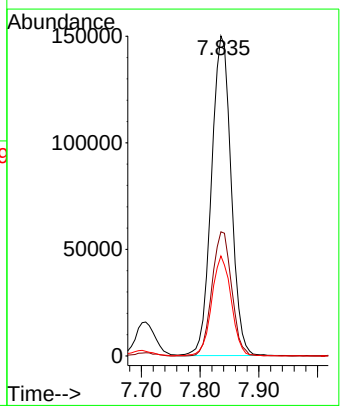


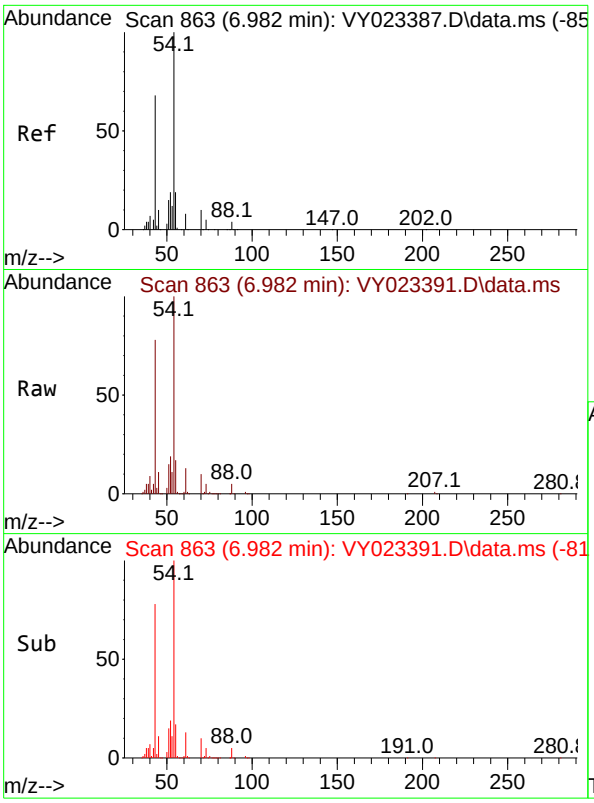


#36
1,1-Dichloropropene
Concen: 49.761 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 348786

Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.9	59.7
77	31.0	25.0	37.6



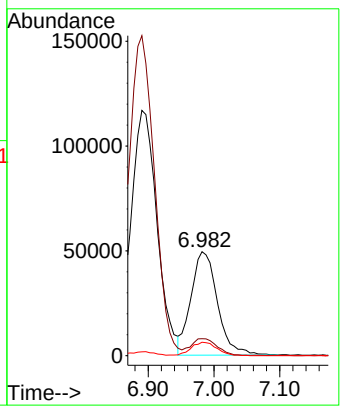


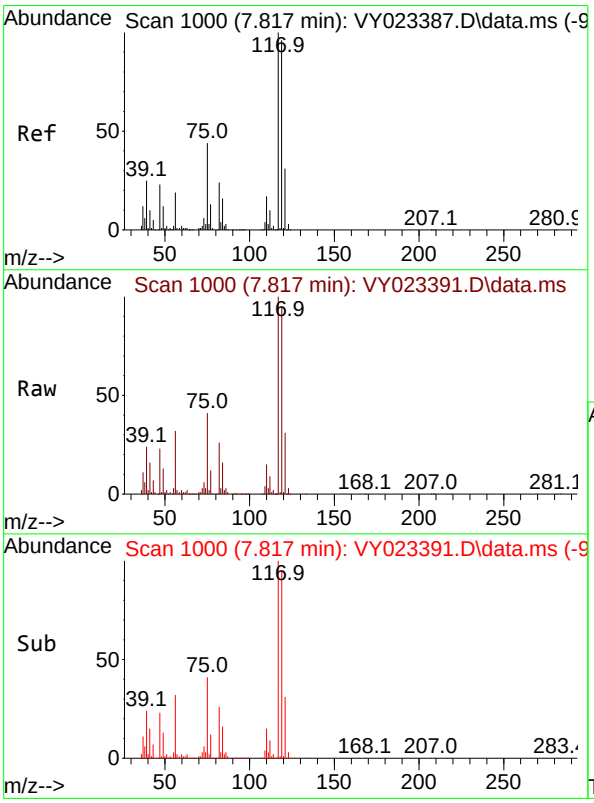
#37
Ethyl Acetate
Concen: 49.740 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 138119

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.8
70	12.7	10.5	15.7

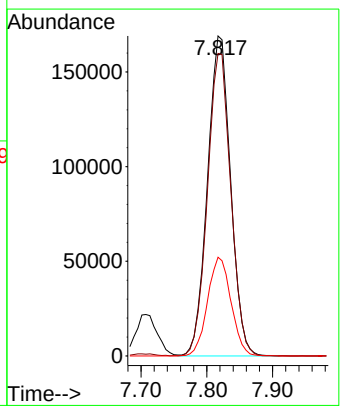


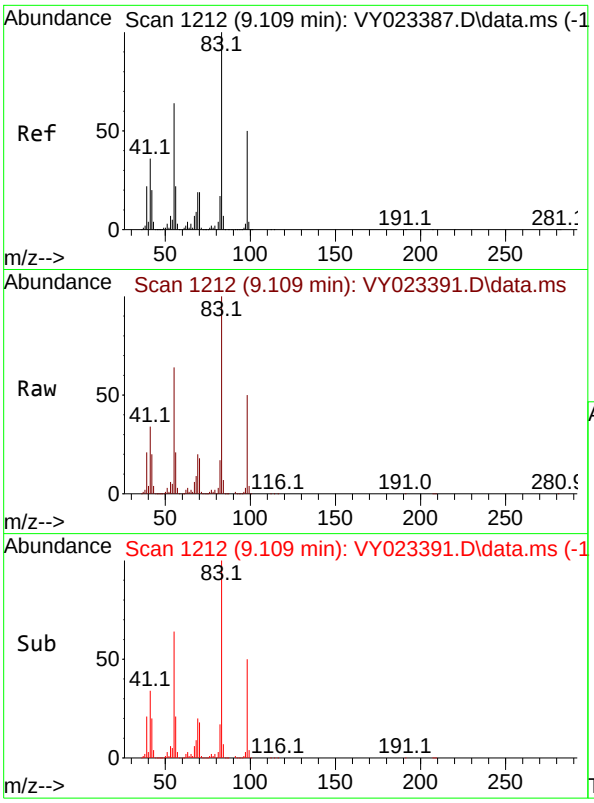


#38
Carbon Tetrachloride
Concen: 48.671 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:117 Resp: 413653

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.8	115.2
121	30.8	24.5	36.7



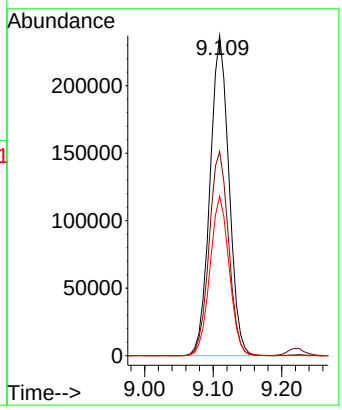


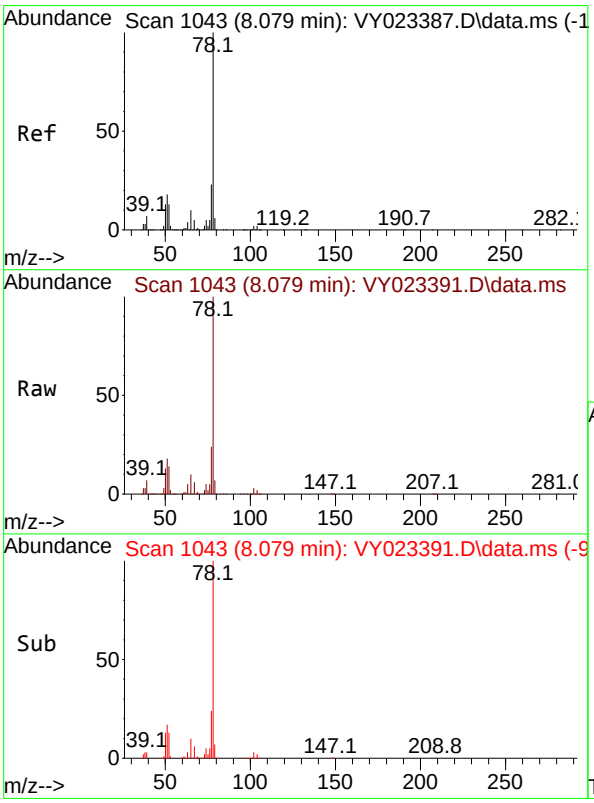
#39
Methylcyclohexane
Concen: 49.970 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 83 Resp: 456031

Ion	Ratio	Lower	Upper
83	100		
55	63.8	51.4	77.2
98	49.9	40.4	60.6

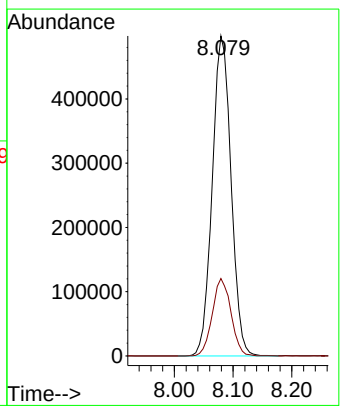


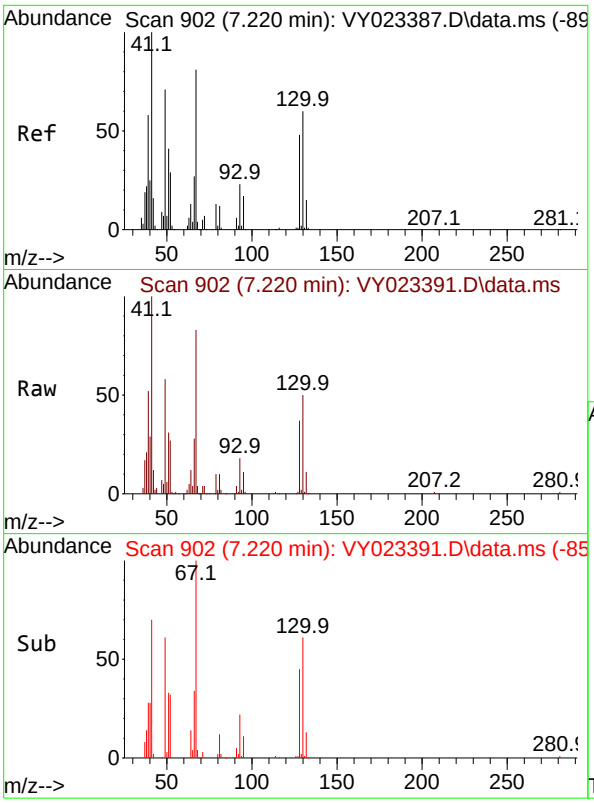


#40
Benzene
Concen: 49.906 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 78 Resp: 1107790

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.3	27.5



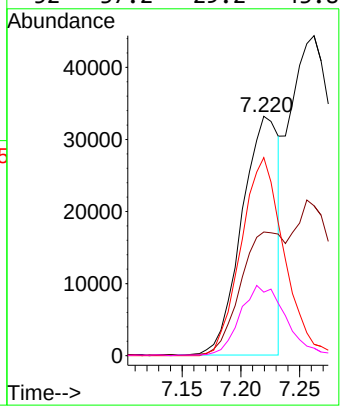


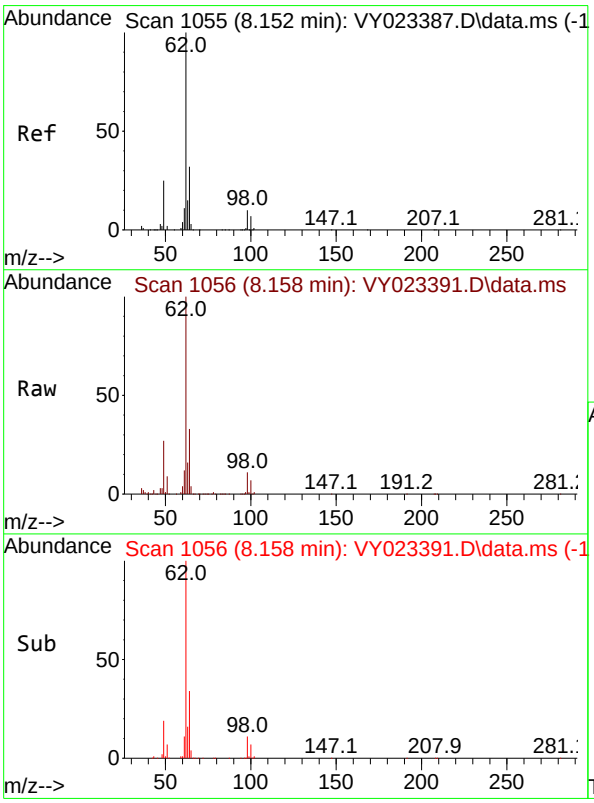
#41
Methacrylonitrile
Concen: 48.008 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 41 Resp: 72100

Ion	Ratio	Lower	Upper
41	100		
39	62.2	52.2	78.4
67	97.9	74.9	112.3
52	37.2	29.2	43.8

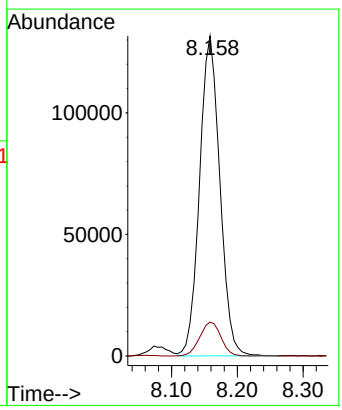


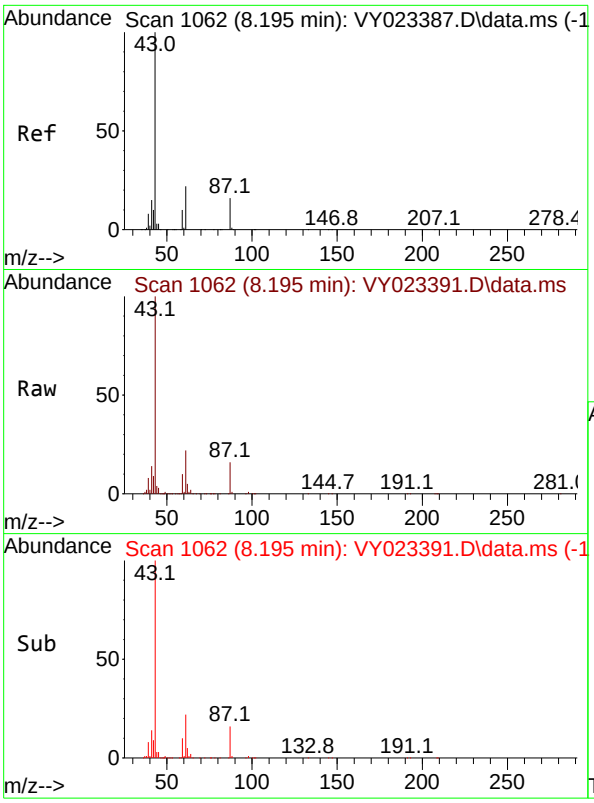


#42
1,2-Dichloroethane
Concen: 49.318 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 62 Resp: 282332

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.6



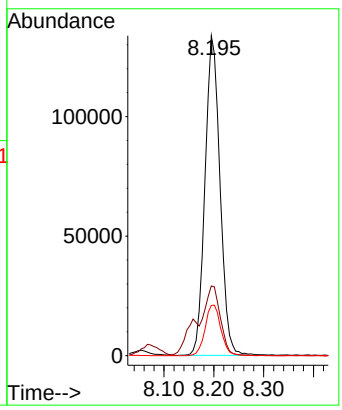


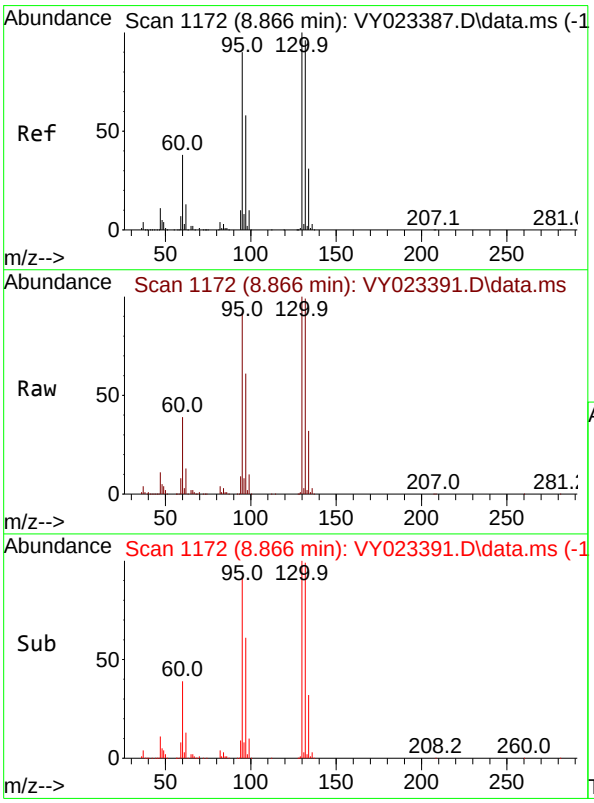
#43
Isopropyl Acetate
Concen: 50.548 ug/l
RT: 8.195 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 279887

Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.1	27.1
87	16.7	13.5	20.3

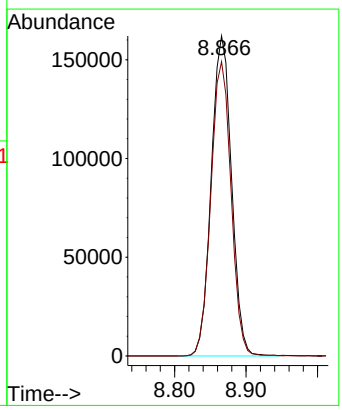


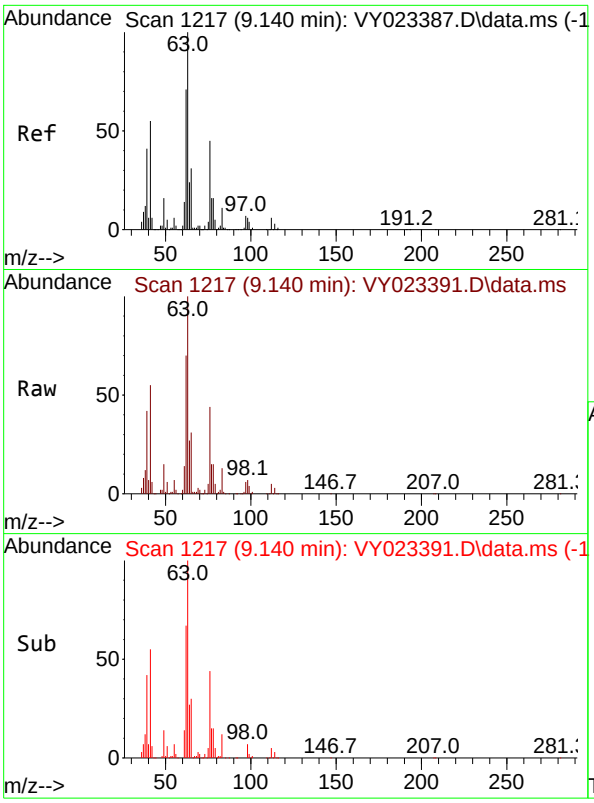


#44
Trichloroethene
Concen: 49.120 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:130 Resp: 319131

Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	180.6



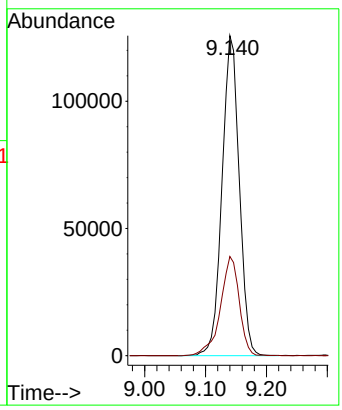


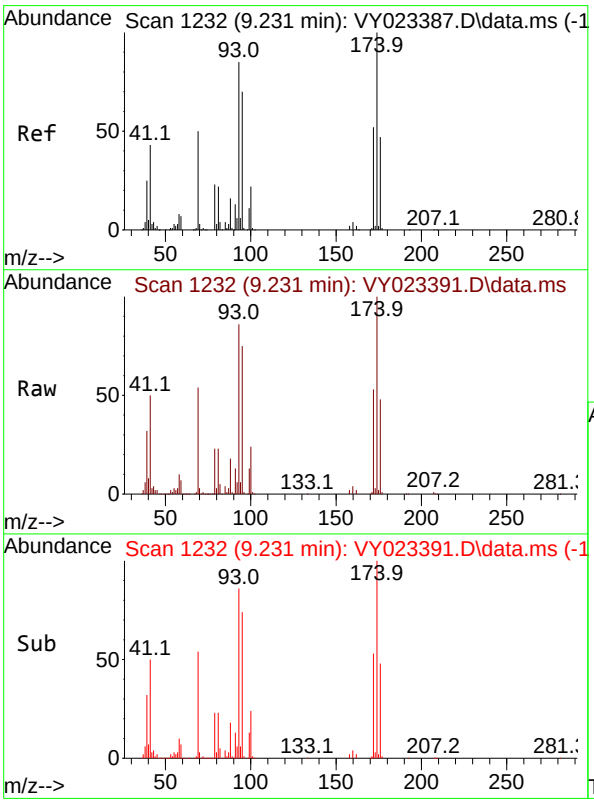
#45
1,2-Dichloropropane
Concen: 50.355 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 63 Resp: 246887

Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3

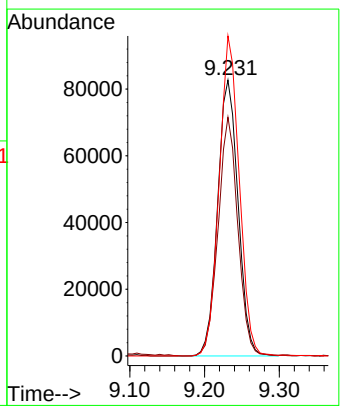


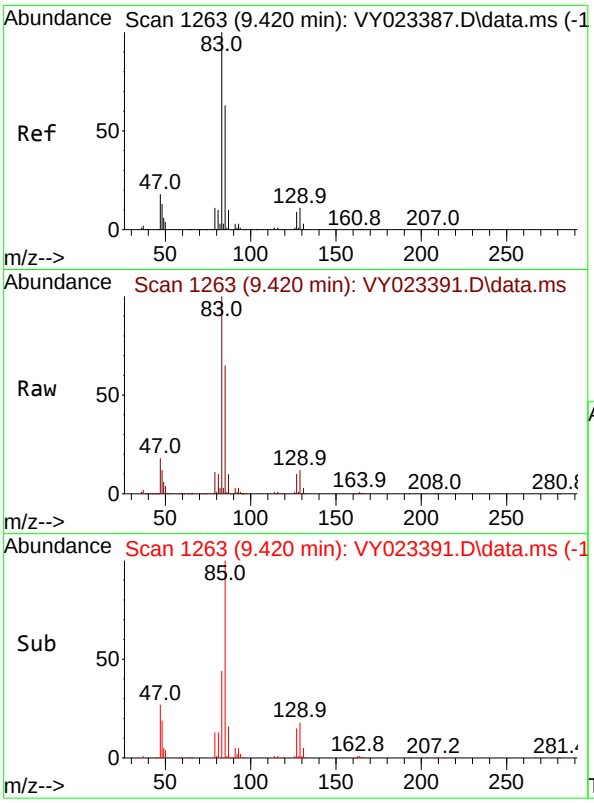


#46
Dibromomethane
Concen: 50.885 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 93 Resp: 157758

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.0
174	113.9	92.9	139.3



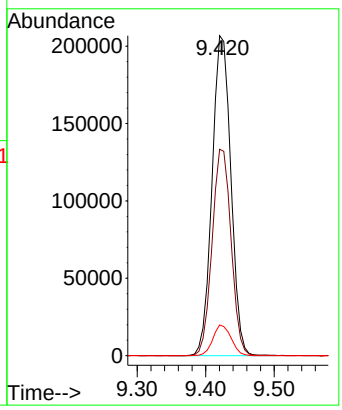


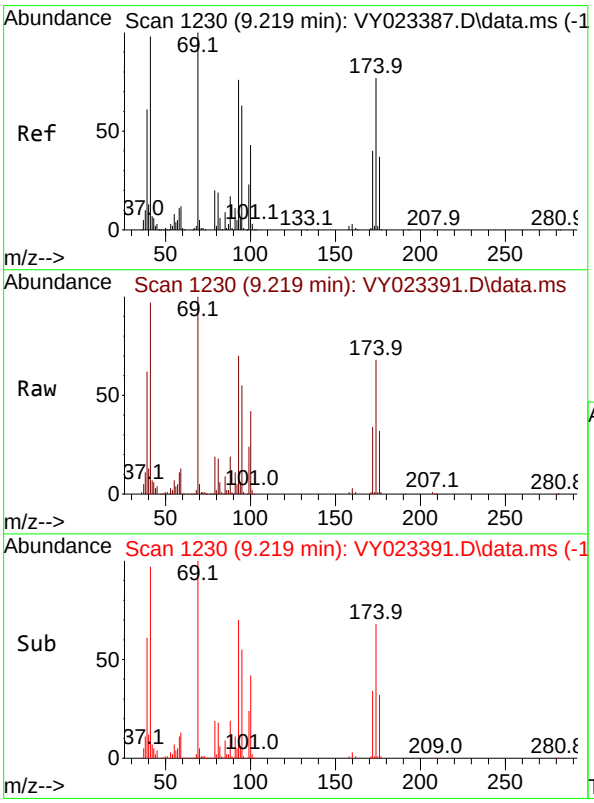
#47
Bromodichloromethane
Concen: 50.450 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 83 Resp: 393918

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2
127	9.6	7.4	11.2

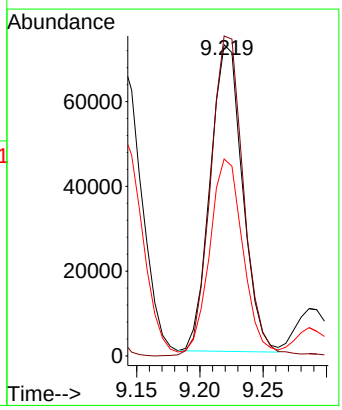


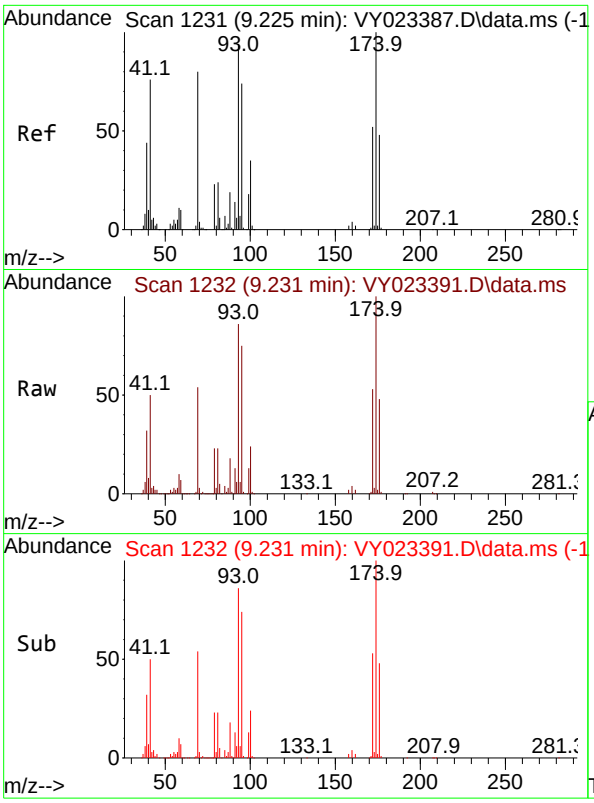


#48
Methyl methacrylate
Concen: 49.440 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 41 Resp: 128606

Ion	Ratio	Lower	Upper
41	100		
69	106.6	81.0	121.4
39	63.5	48.2	72.4



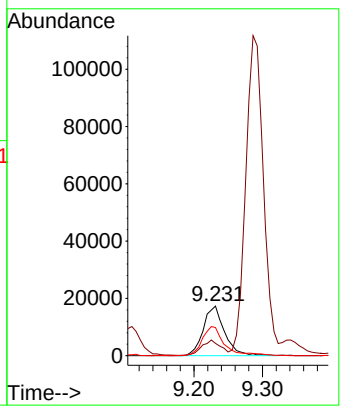


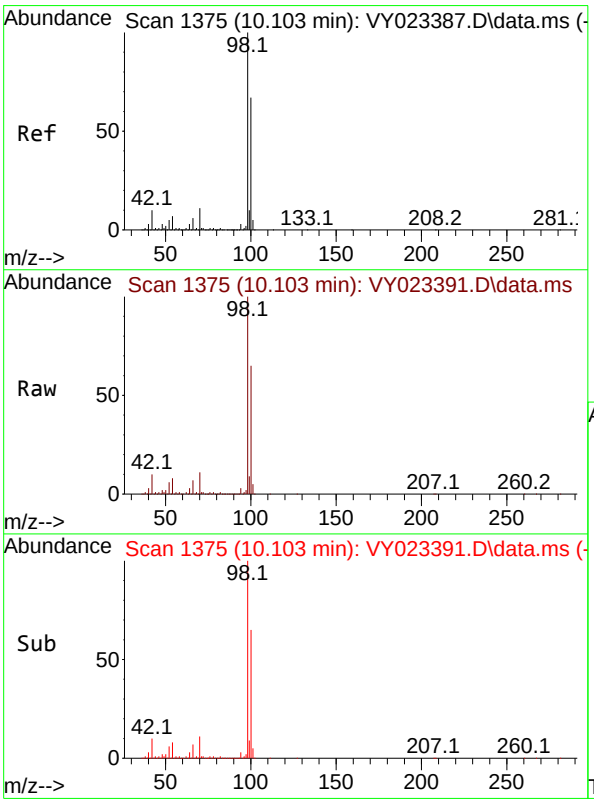
#49
1,4-Dioxane
Concen: 1039.252 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 88 Resp: 37356

Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.8	32.8
58	61.4	46.8	70.2

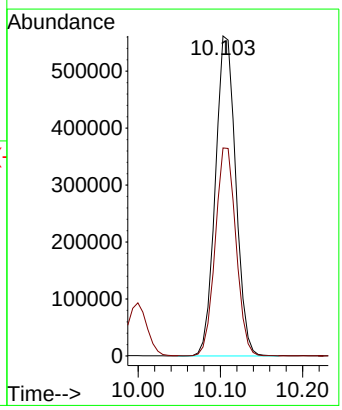


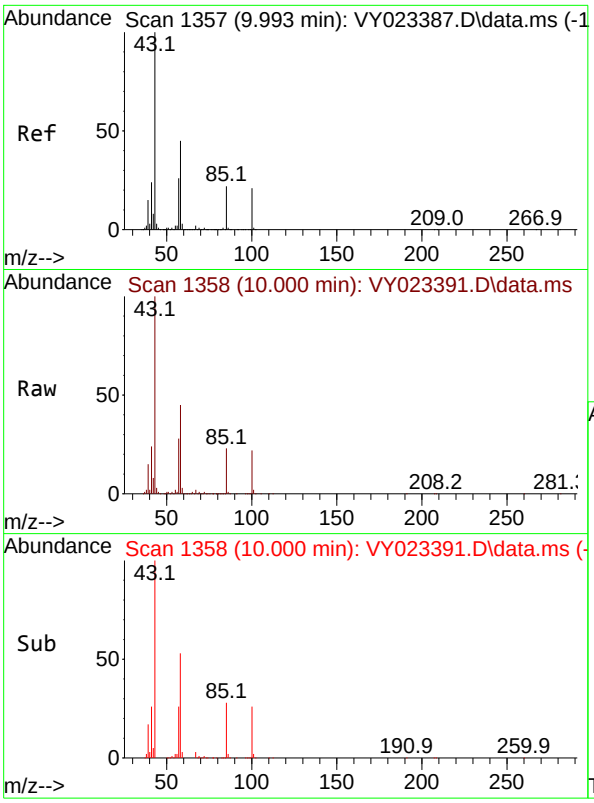


#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 98 Resp: 970614

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



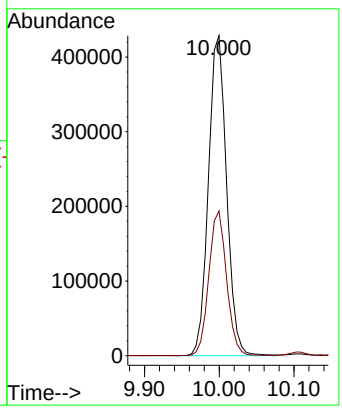


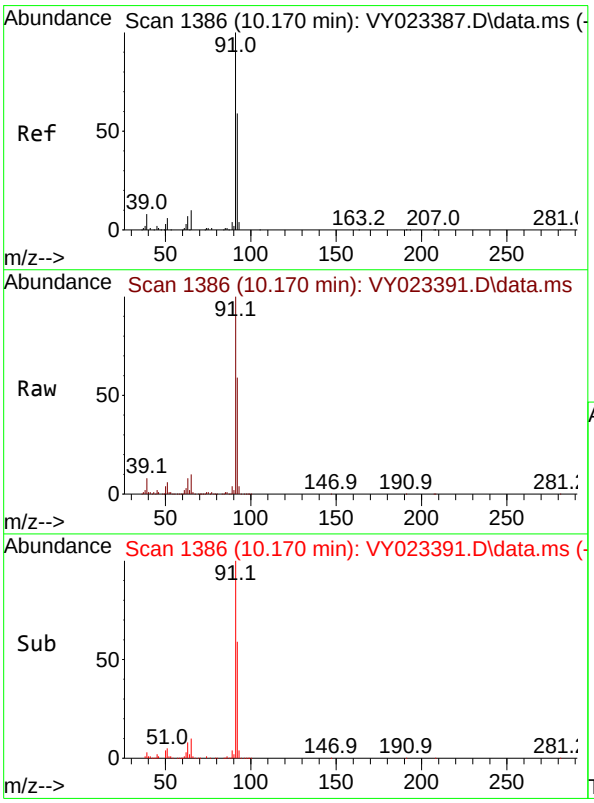
#51
4-Methyl-2-Pentanone
Concen: 253.421 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 724992

Ion	Ratio	Lower	Upper
43	100		
58	44.4	35.3	52.9

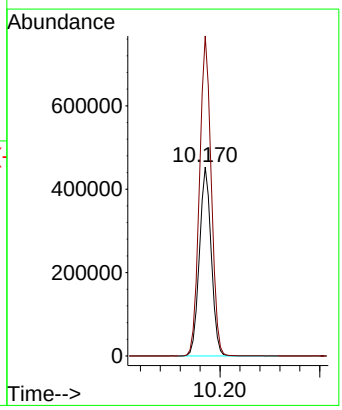


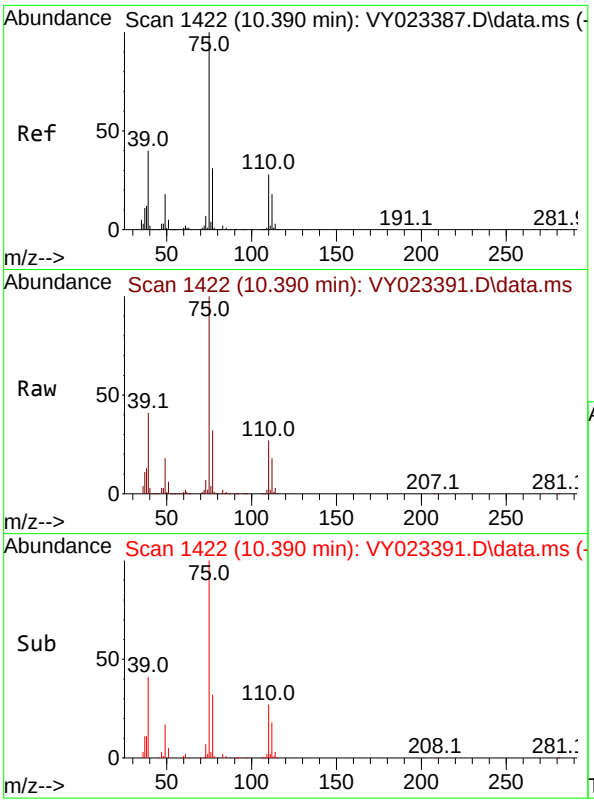


#52
Toluene
Concen: 51.556 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 92 Resp: 743055

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.4	204.6



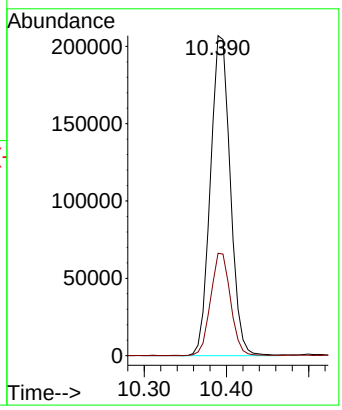


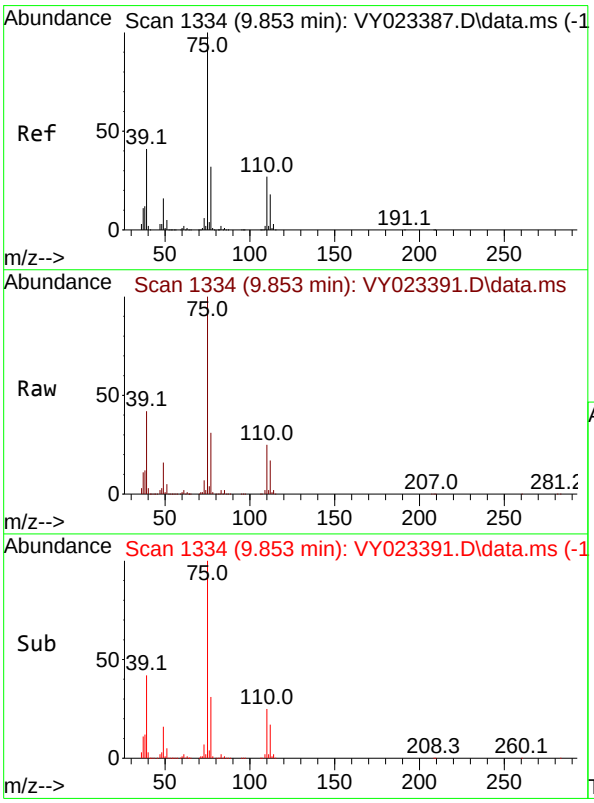
#53
t-1,3-Dichloropropene
Concen: 51.160 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 75 Resp: 347336

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

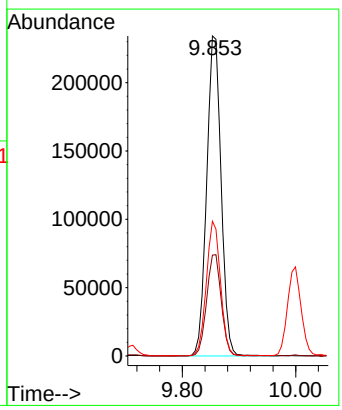


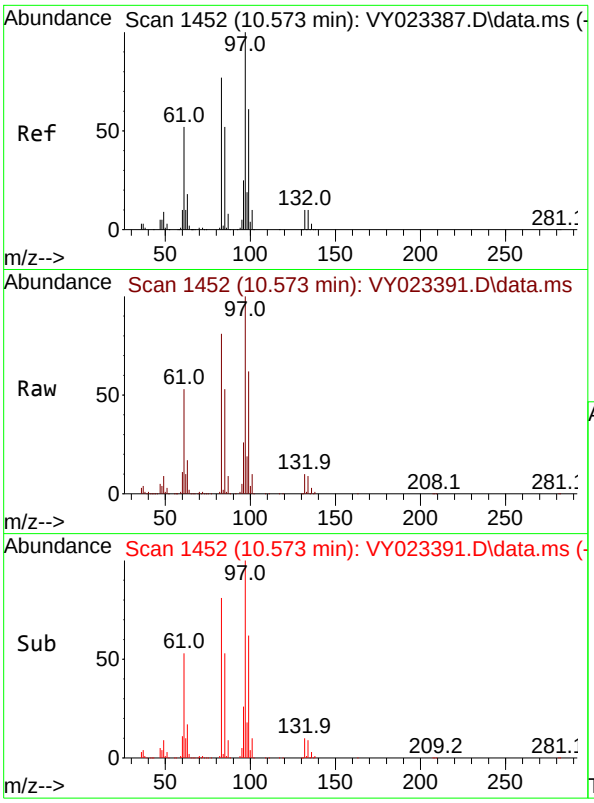


#54
cis-1,3-Dichloropropene
Concen: 51.649 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 413860

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	42.1	32.8	49.2



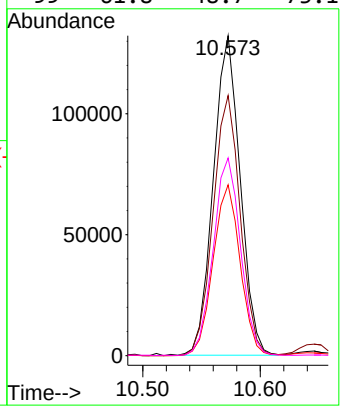


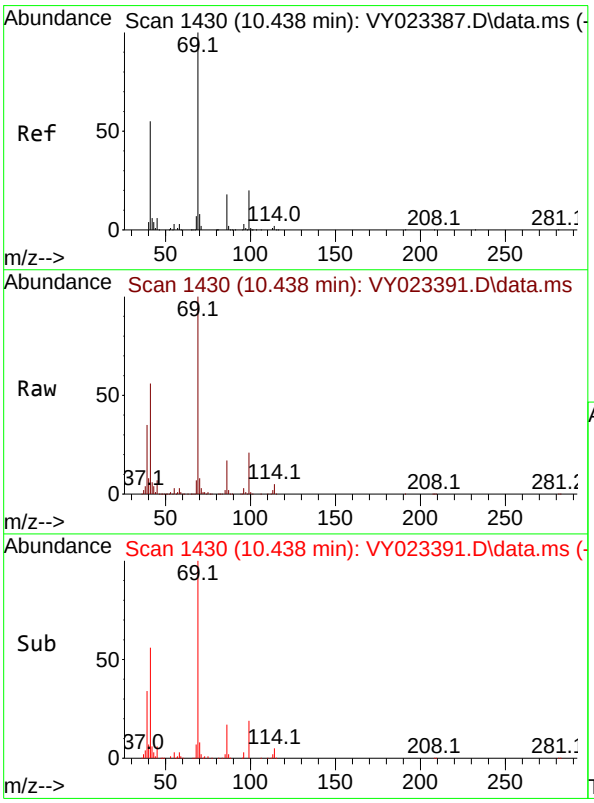
#55
1,1,2-Trichloroethane
Concen: 50.430 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 97 Resp: 210245

Ion	Ratio	Lower	Upper
97	100		
83	81.4	61.8	92.6
85	53.5	41.3	61.9
99	61.8	48.7	73.1

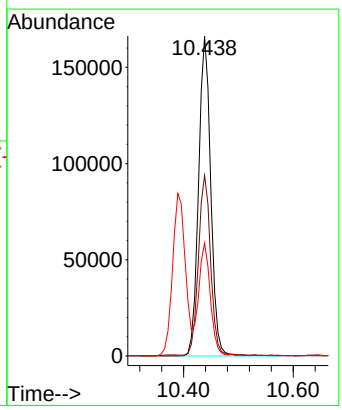


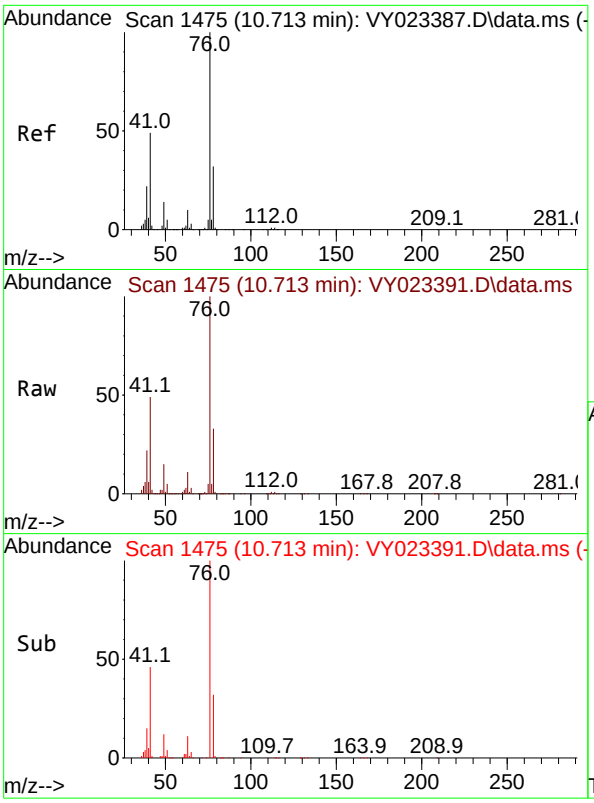


#56
Ethyl methacrylate
Concen: 53.385 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 69 Resp: 256731

Ion	Ratio	Lower	Upper
69	100		
41	56.1	44.6	67.0
39	34.2	27.0	40.4



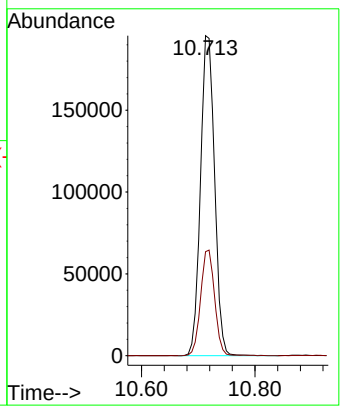


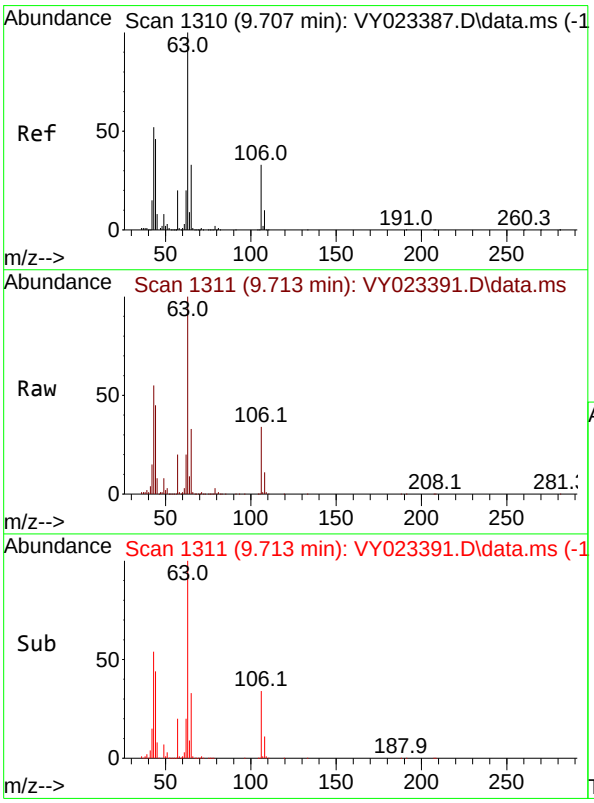
#57
1,3-Dichloropropane
Concen: 51.113 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 76 Resp: 337673

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

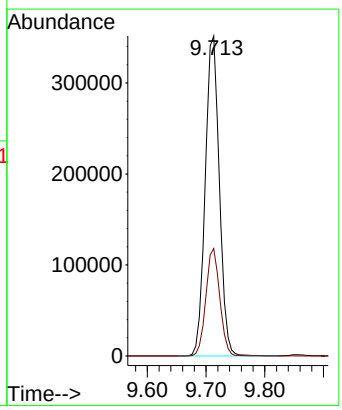


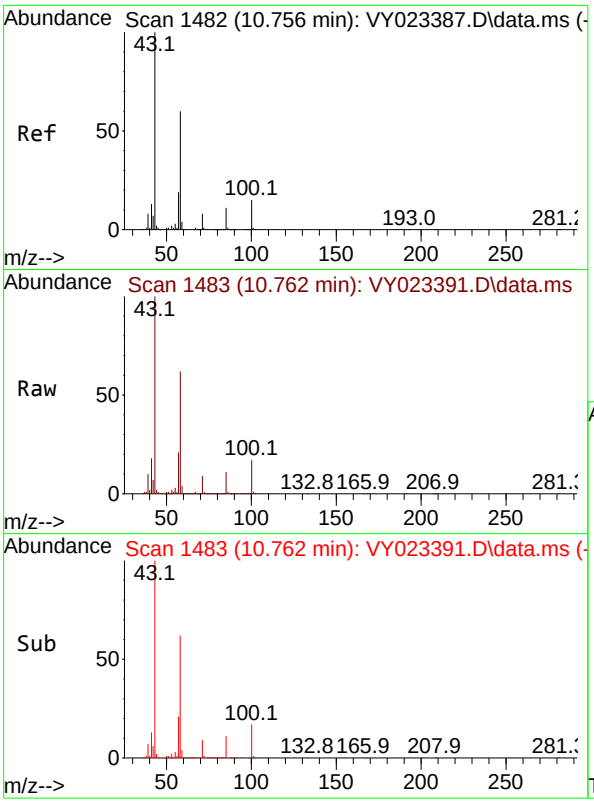


#58
2-Chloroethyl Vinyl ether
Concen: 272.133 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 63 Resp: 586266

Ion	Ratio	Lower	Upper
63	100		
106	33.2	26.6	39.8



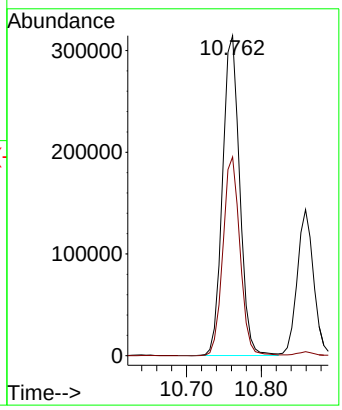


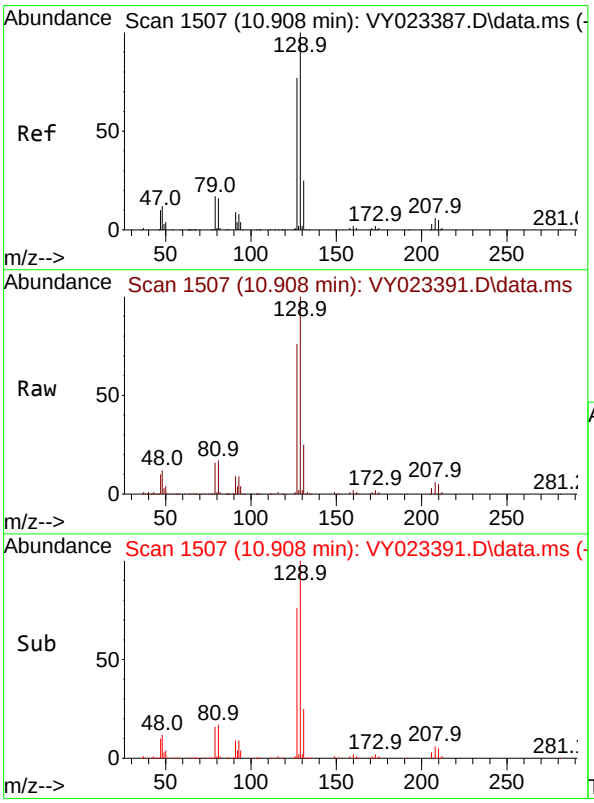
#59
2-Hexanone
Concen: 245.480 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 43 Resp: 501877

Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.5	91.5

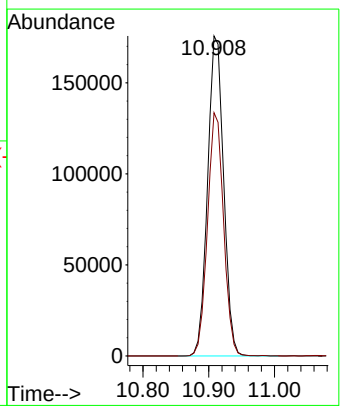


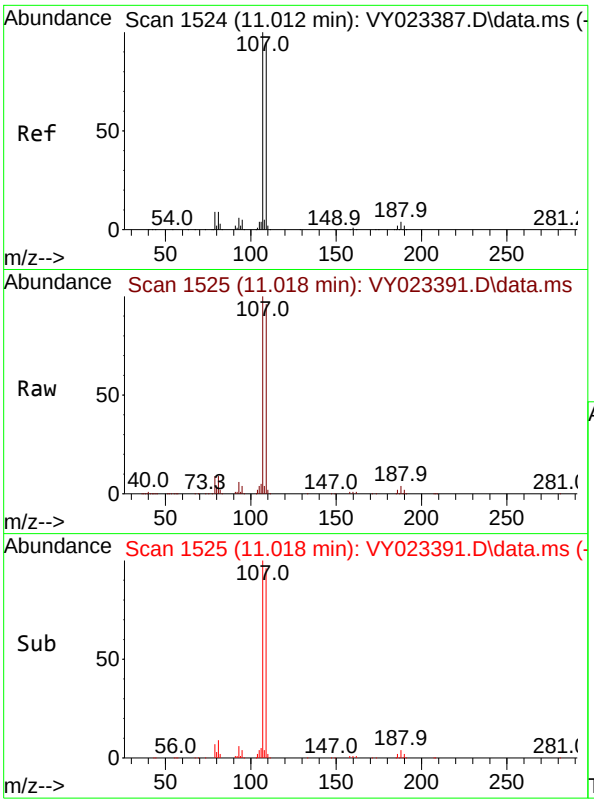


#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:129 Resp: 297946

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7



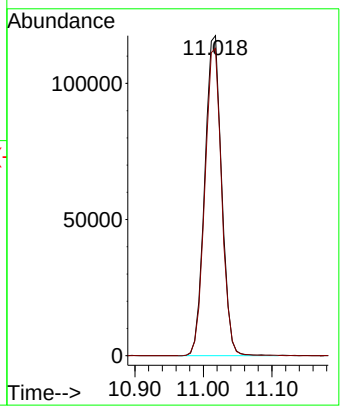


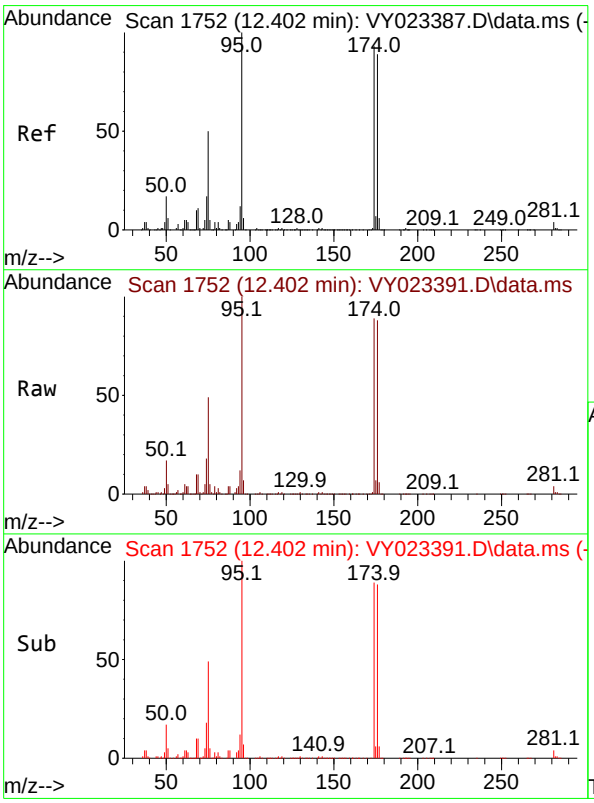
#61
1,2-Dibromoethane
Concen: 50.658 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:107 Resp: 201415

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.1	114.1

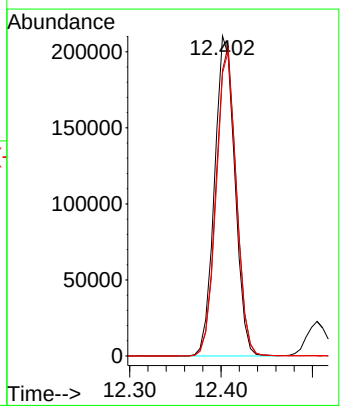


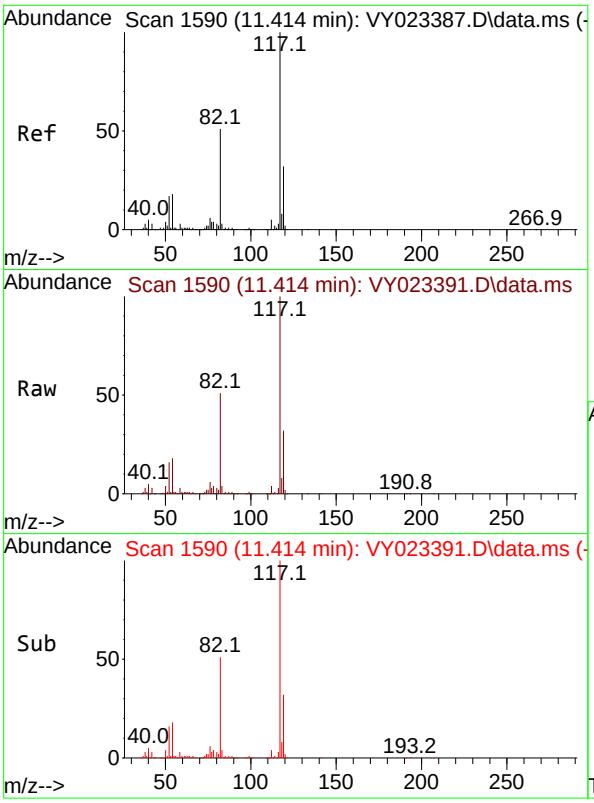


#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 95 Resp: 324700

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	192.8
176	93.9	0.0	187.6



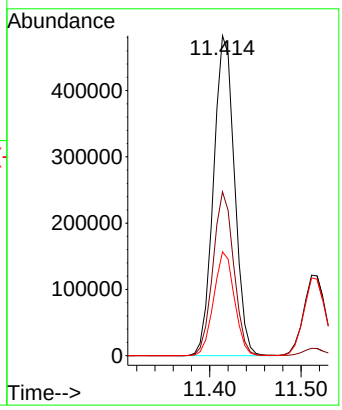


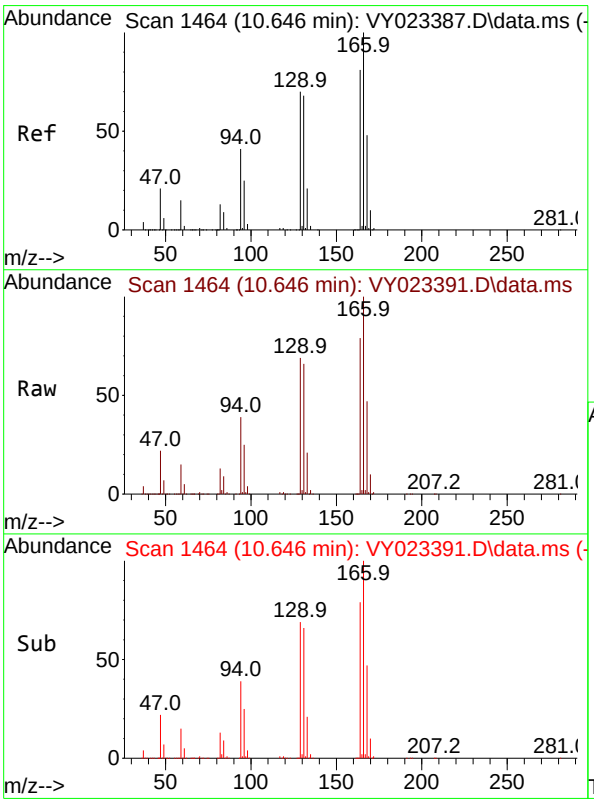
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:117 Resp: 771372

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.5	25.6	38.4

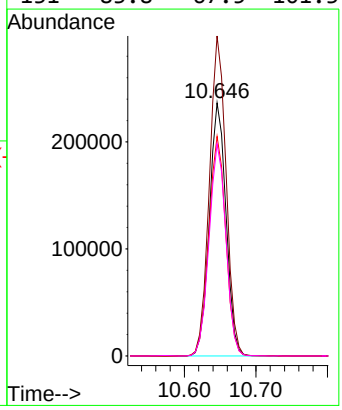


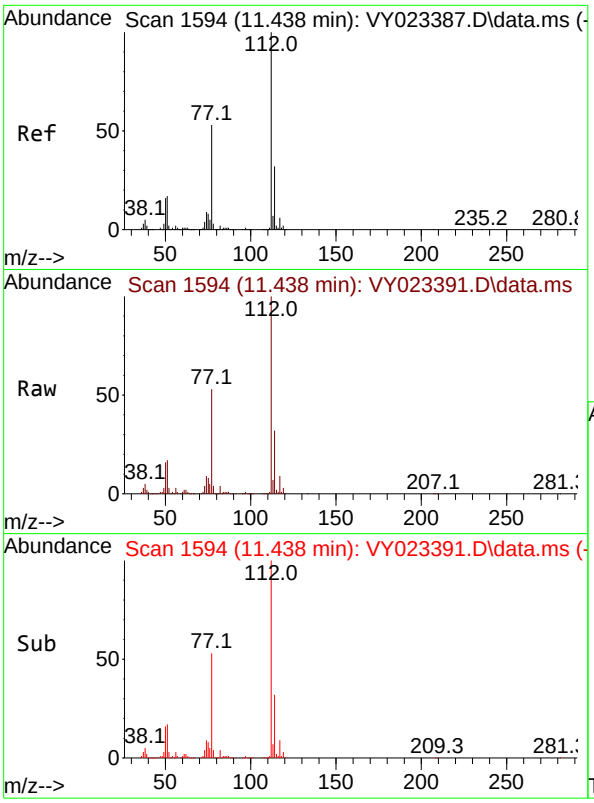


#64
Tetrachloroethene
Concen: 48.087 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:164 Resp: 382998

Ion	Ratio	Lower	Upper
164	100		
166	126.4	99.4	149.0
129	86.7	69.4	104.2
131	83.8	67.5	101.3



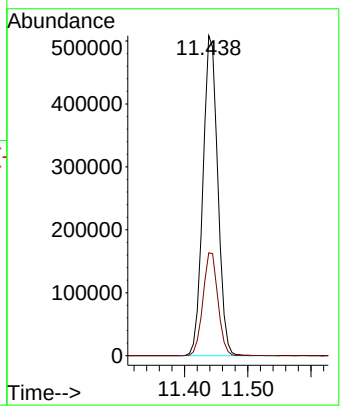


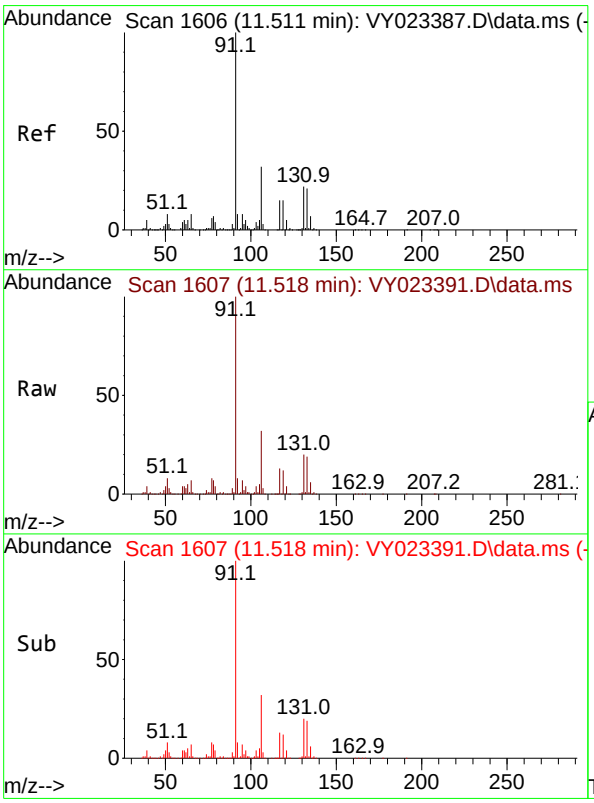
#65
Chlorobenzene
Concen: 49.381 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:112 Resp: 828466

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

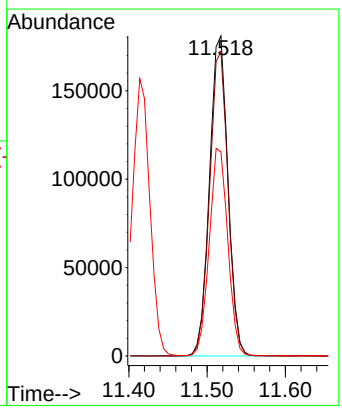


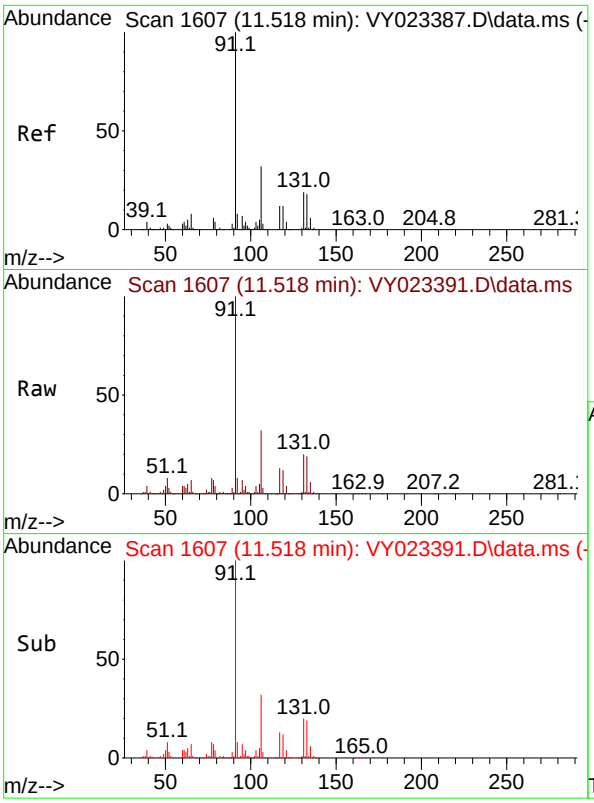


#66
1,1,1,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:131 Resp: 296157

Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.4	145.2
119	65.2	32.4	97.2



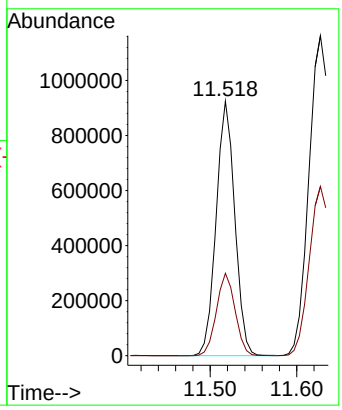


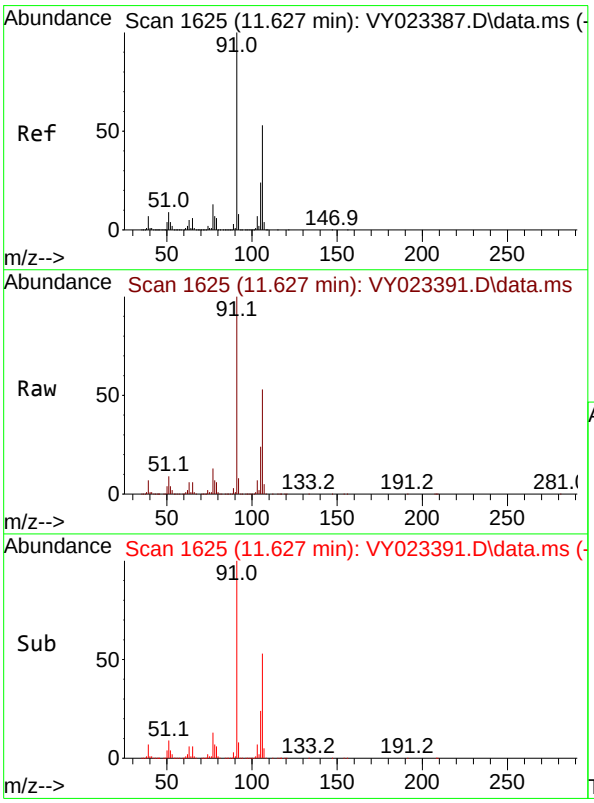
#67
Ethyl Benzene
Concen: 50.841 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 91 Resp: 1380691

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.8	38.8

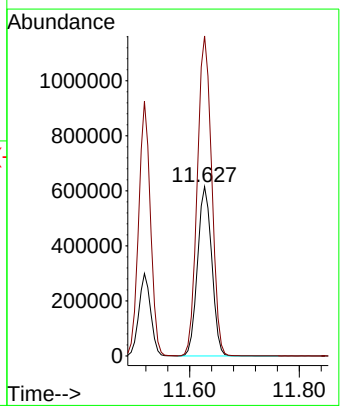


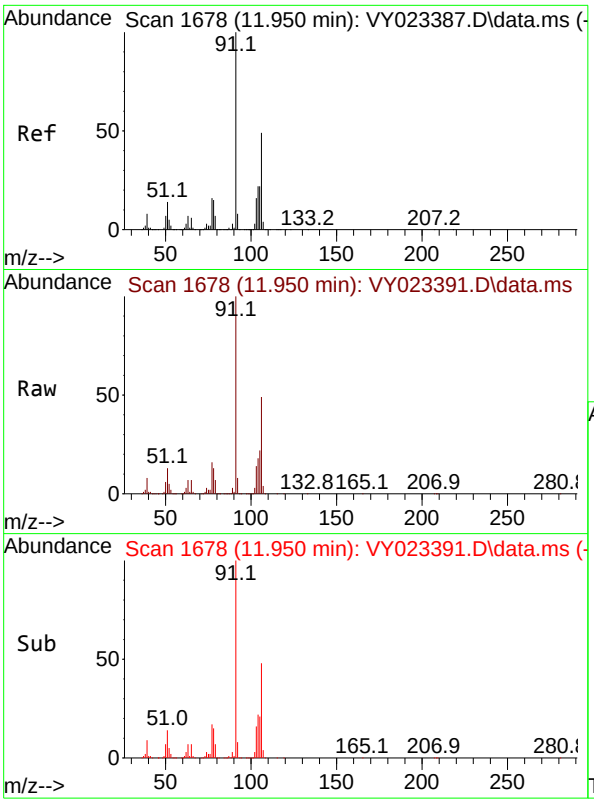


#68
m/p-Xylenes
Concen: 101.757 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:106 Resp: 1108386

Ion	Ratio	Lower	Upper
106	100		
91	190.7	152.6	229.0



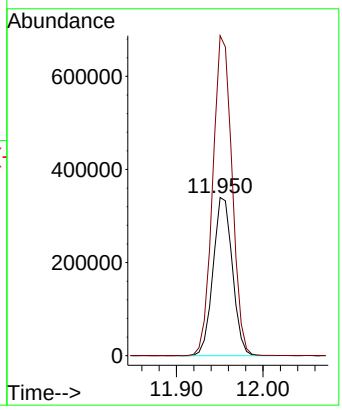


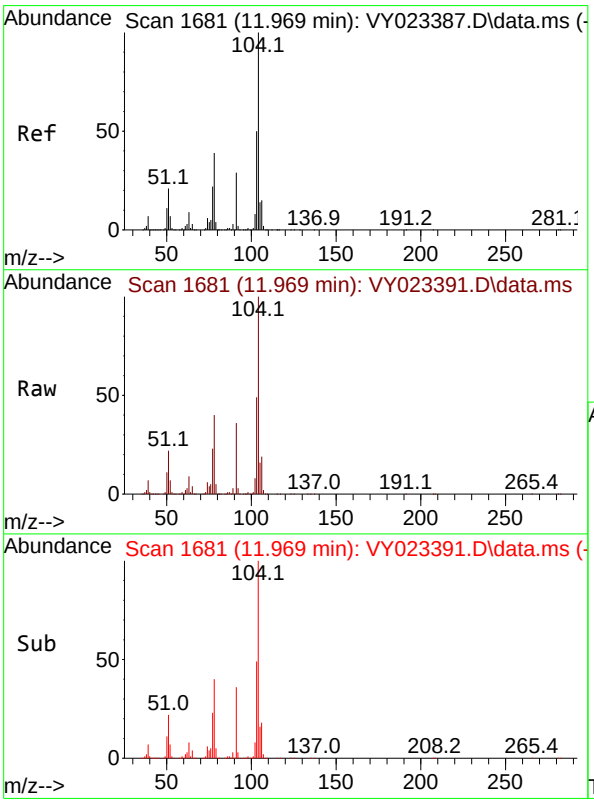
#69
o-Xylene
Concen: 51.577 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:106 Resp: 526954

Ion	Ratio	Lower	Upper
106	100		
91	202.1	101.4	304.1

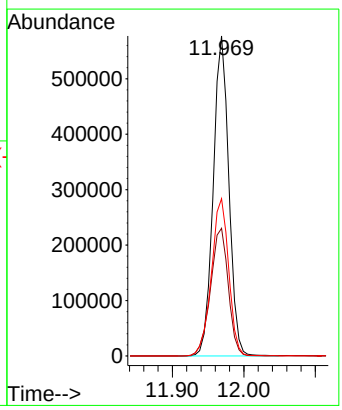


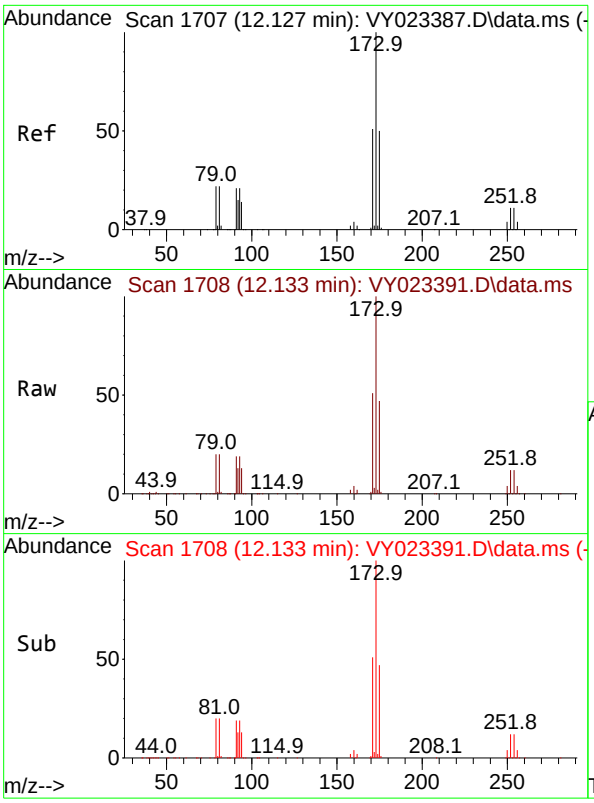


#70
Styrene
Concen: 52.122 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:104 Resp: 875709

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.1	54.1
103	54.2	43.2	64.8



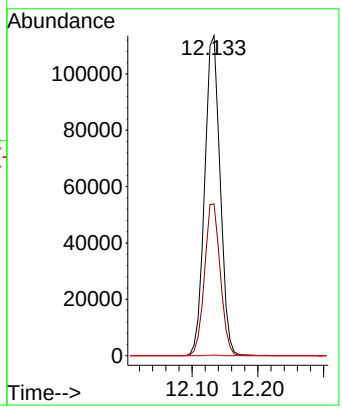


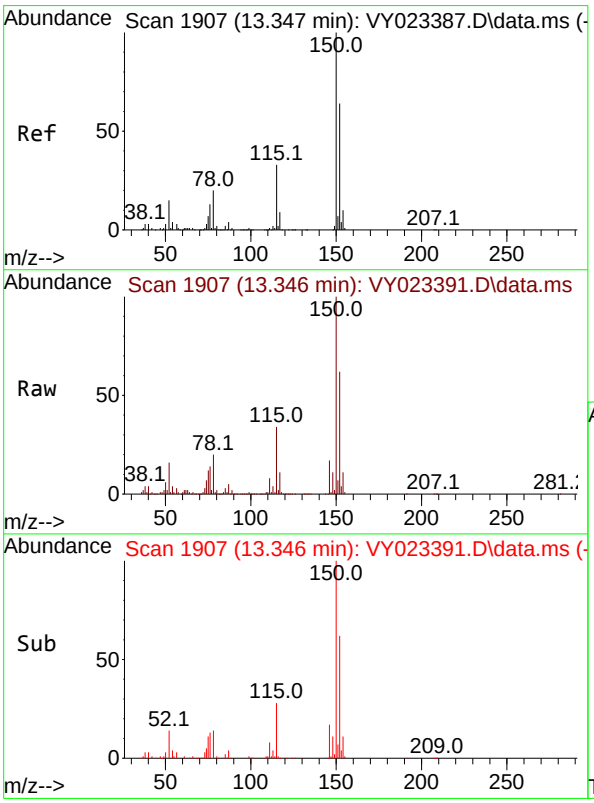
#71
Bromoform
Concen: 50.070 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:173 Resp: 185682

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.8	74.3
254	0.2	0.1	0.1#

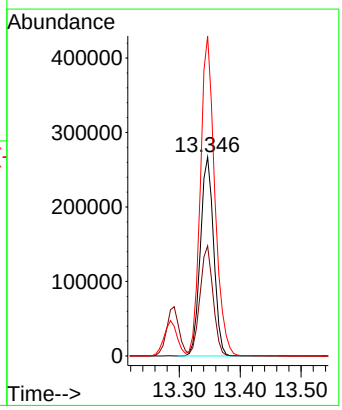


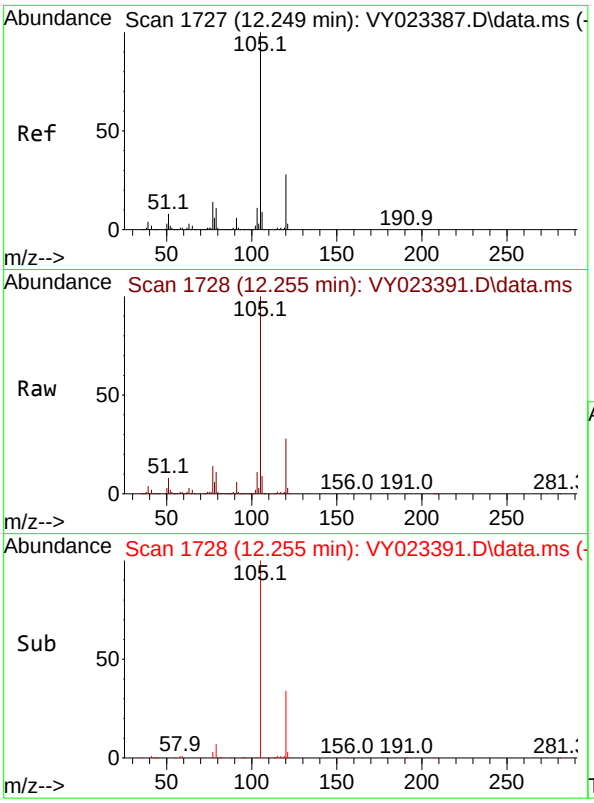


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:152 Resp: 405636

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	173.7	0.0	347.4



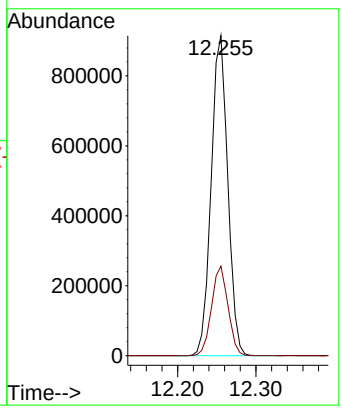


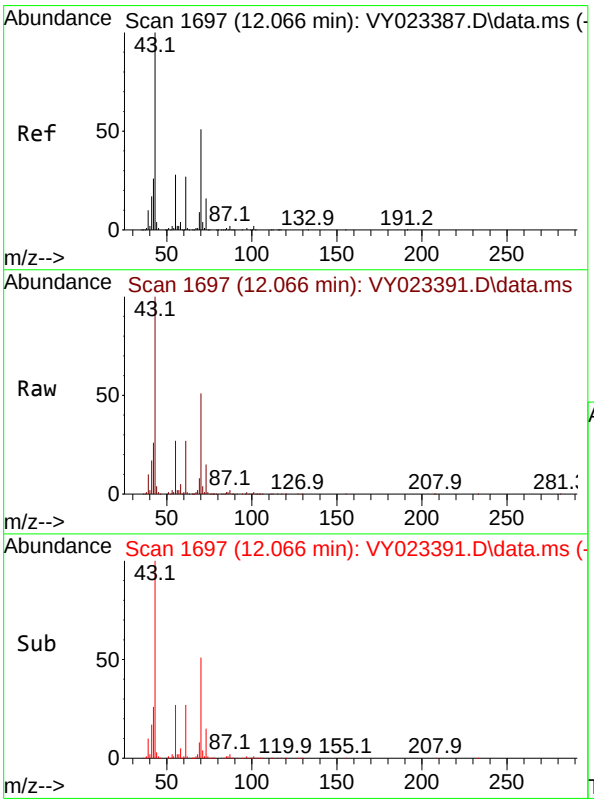
#73
Isopropylbenzene
Concen: 50.318 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:105 Resp: 1345109

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.9	41.7

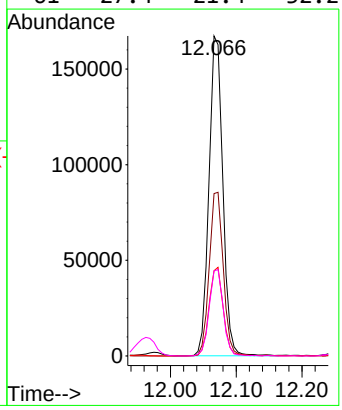


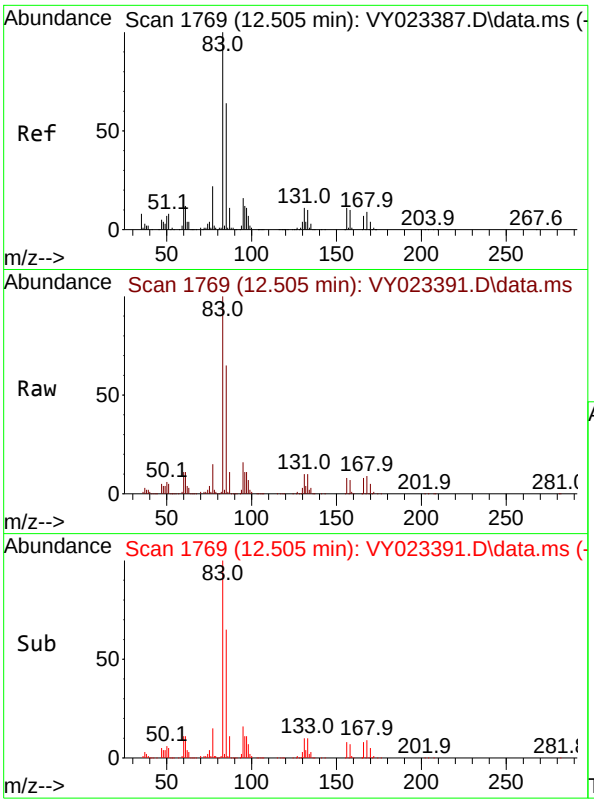


#74
N-amyl acetate
Concen: 51.087 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 43 Resp: 245291

Ion	Ratio	Lower	Upper
43	100		
70	51.8	41.1	61.7
55	28.3	23.0	34.6
61	27.4	21.4	32.2



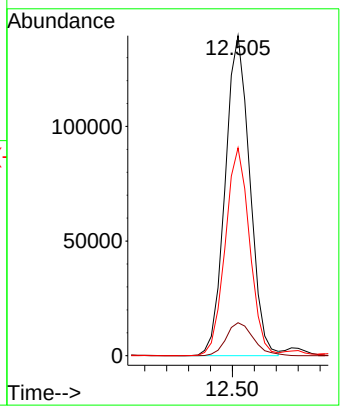


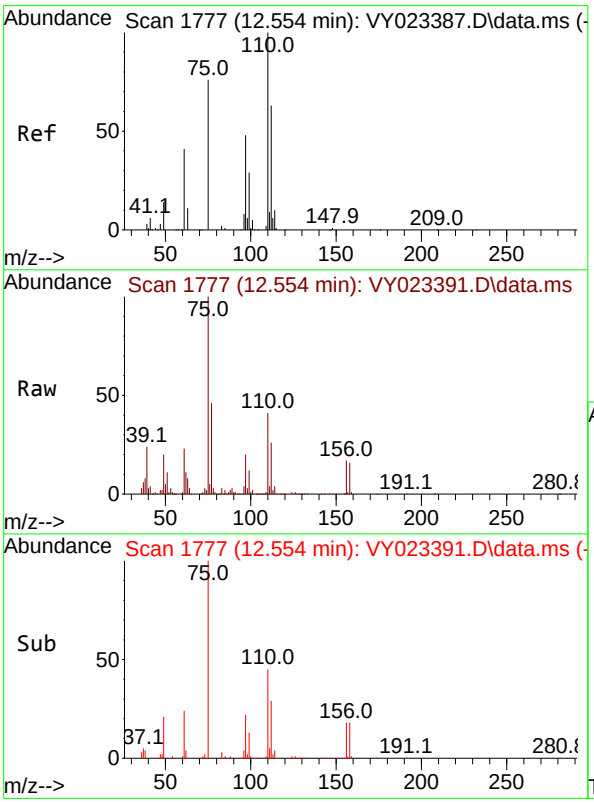
#75
1,1,2,2-Tetrachloroethane
Concen: 49.688 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 83 Resp: 217245

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.9	17.6
85	64.4	31.8	95.3

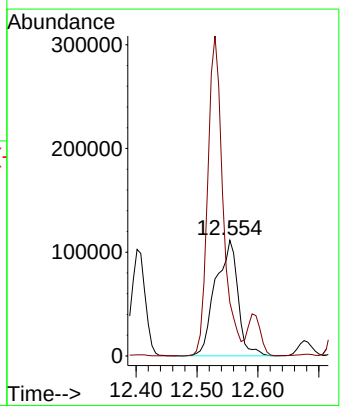


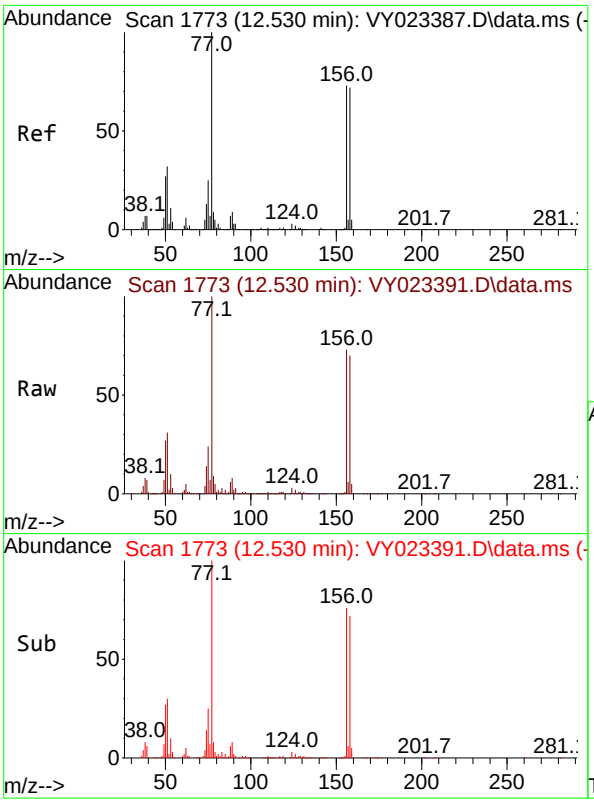


#76
1,2,3-Trichloropropane
Concen: 79.505 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 284532

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



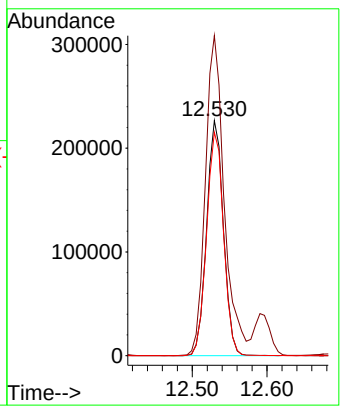


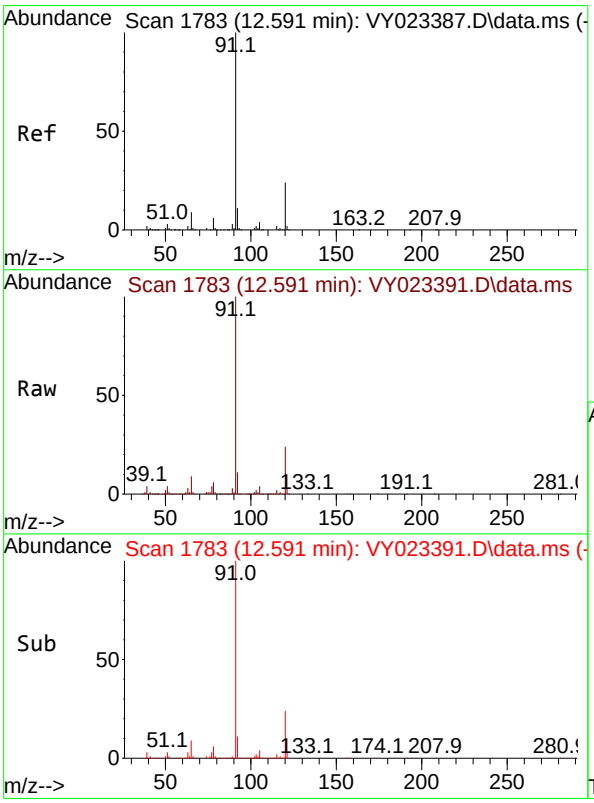
#77
Bromobenzene
Concen: 49.590 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:156 Resp: 352420

Ion	Ratio	Lower	Upper
156	100		
77	152.8	76.8	230.5
158	96.5	49.0	147.2

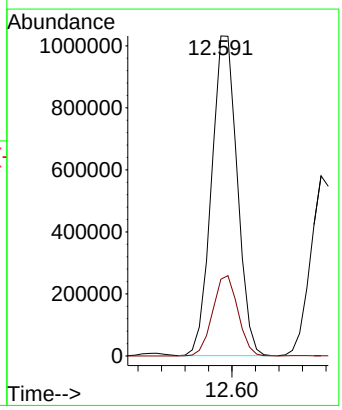


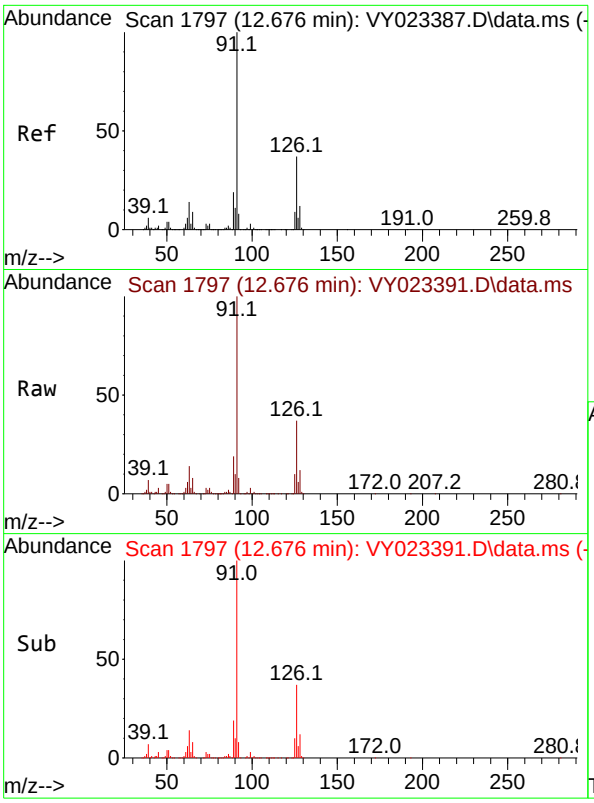


#78
n-propylbenzene
Concen: 50.694 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 1568180

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.8



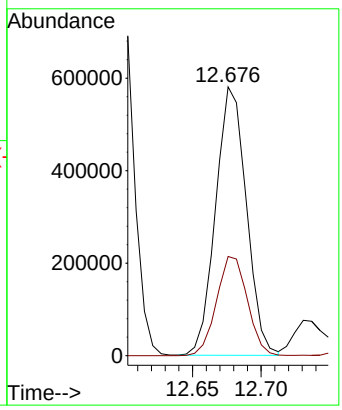


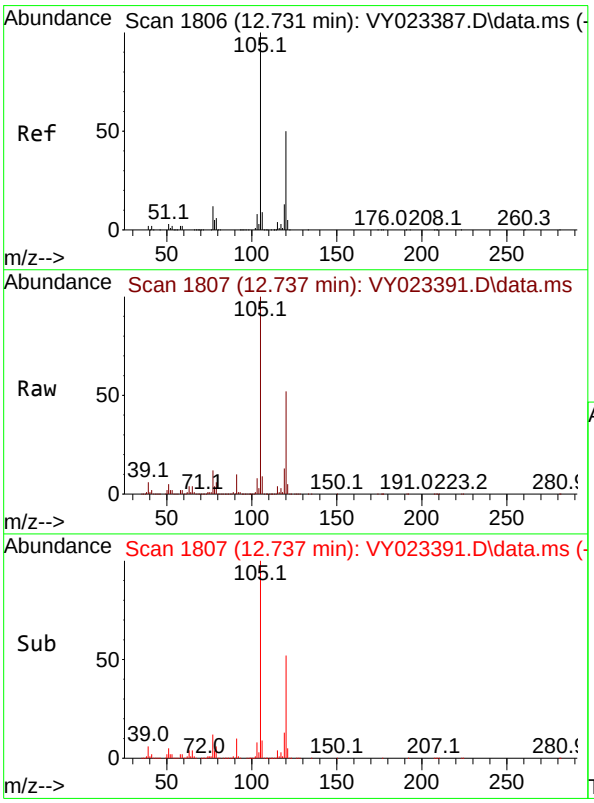
#79
2-Chlorotoluene
Concen: 50.047 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 91 Resp: 906610

Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5

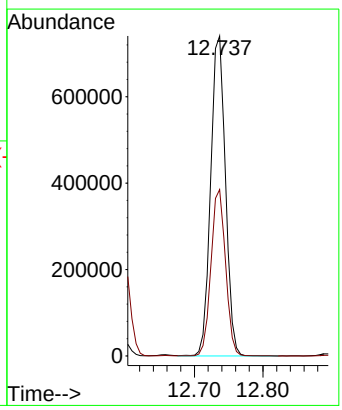


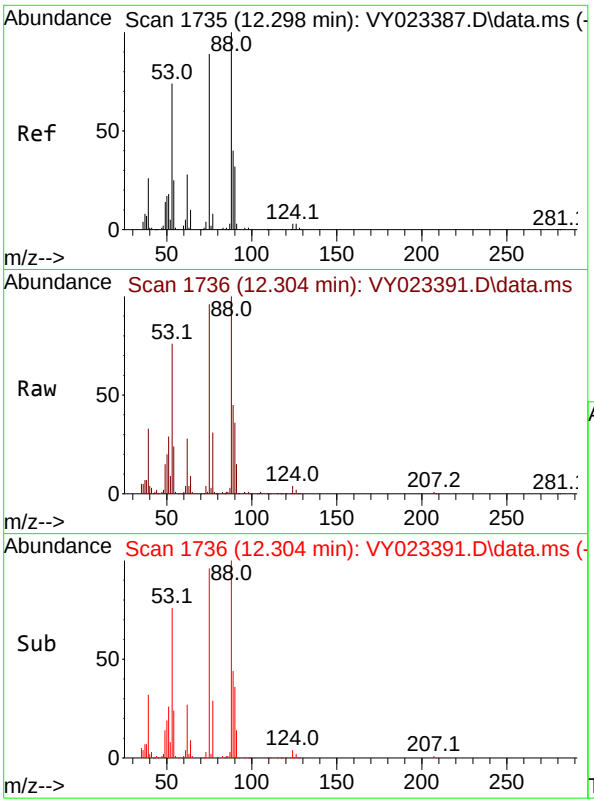


#80
1,3,5-Trimethylbenzene
Concen: 51.231 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 1106664

Ion	Ratio	Lower	Upper
105	100		
120	51.4	25.4	76.4



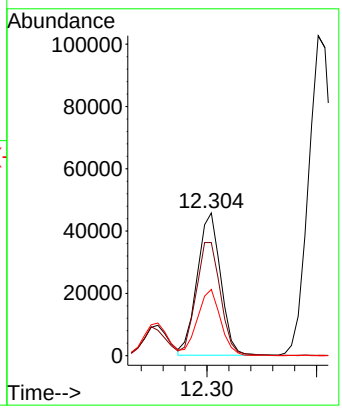


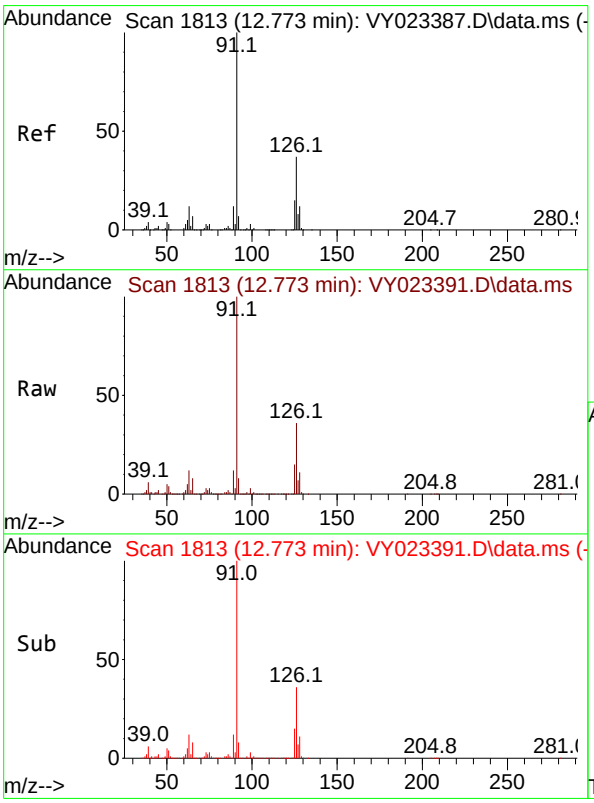
#81
trans-1,4-Dichloro-2-butene
Concen: 46.566 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 75 Resp: 67959

Ion	Ratio	Lower	Upper
75	100		
53	82.6	68.6	102.8
89	46.5	39.0	58.4

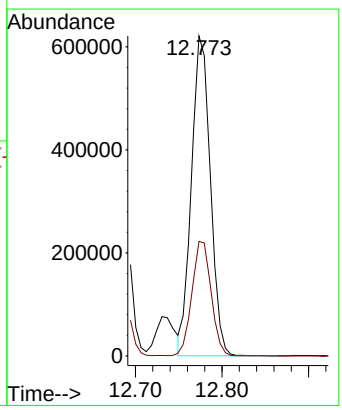


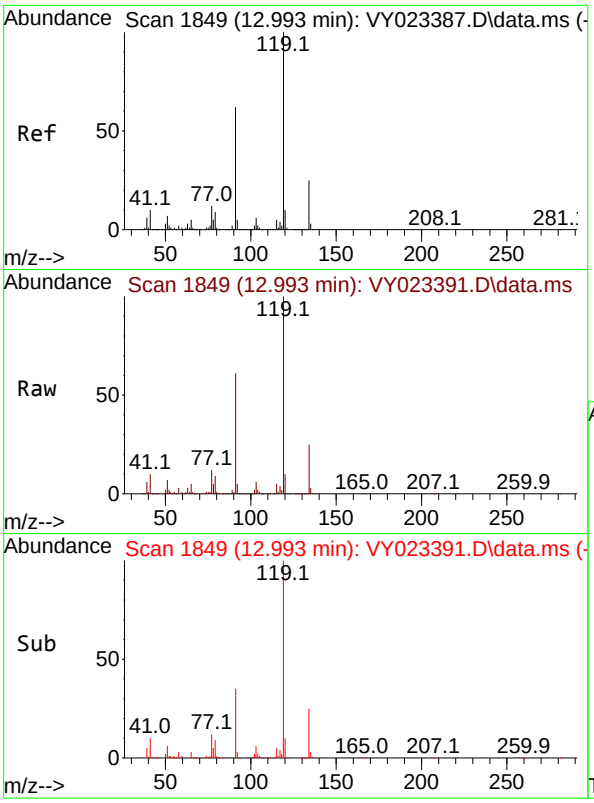


#82
4-Chlorotoluene
Concen: 50.455 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 91 Resp: 941314

Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.4	55.4



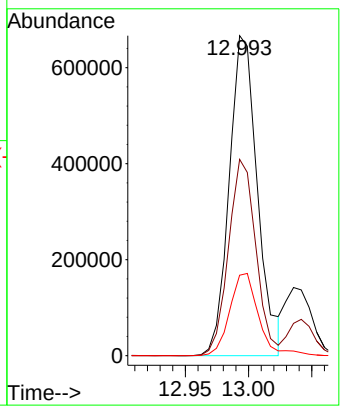


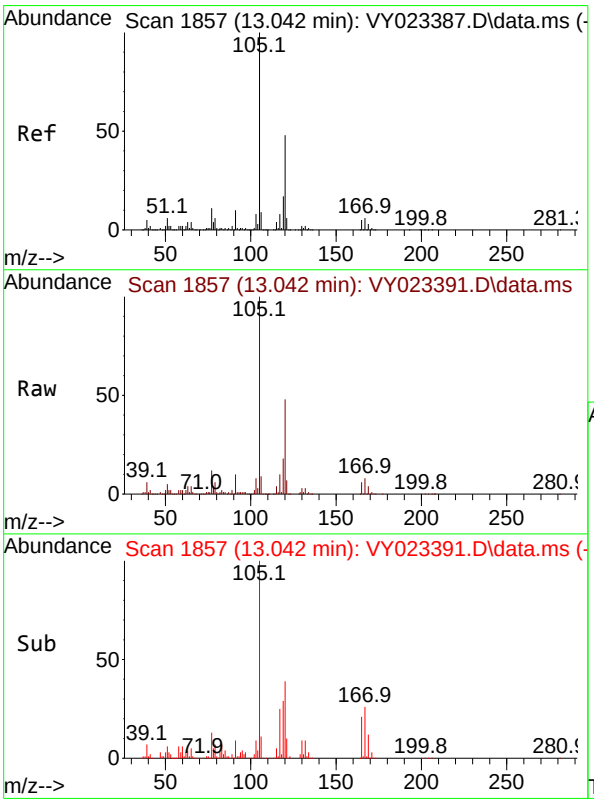
#83
tert-Butylbenzene
Concen: 52.019 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:119 Resp: 1037510

Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.9	89.8
134	26.3	12.9	38.7

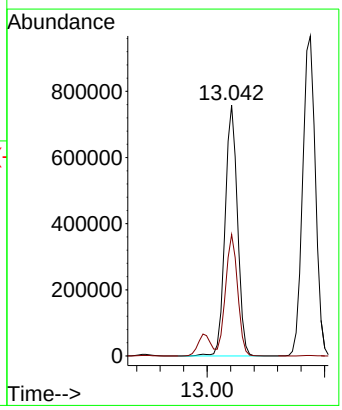


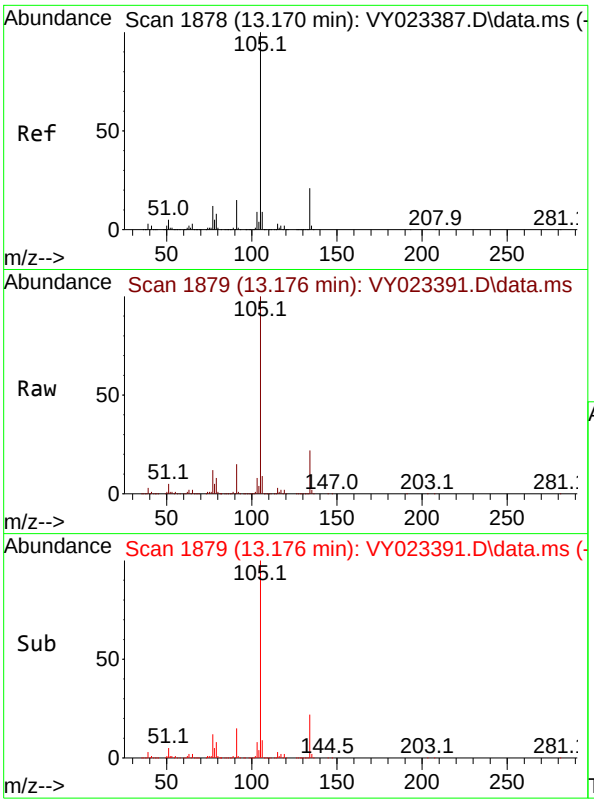


#84
1,2,4-Trimethylbenzene
Concen: 51.520 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:105 Resp: 1110672

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.8	71.2



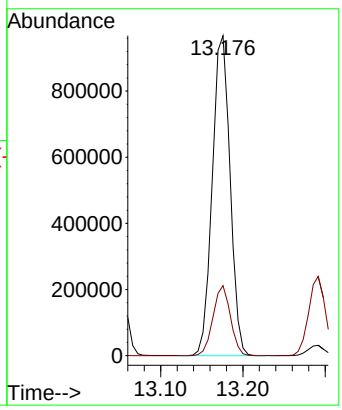


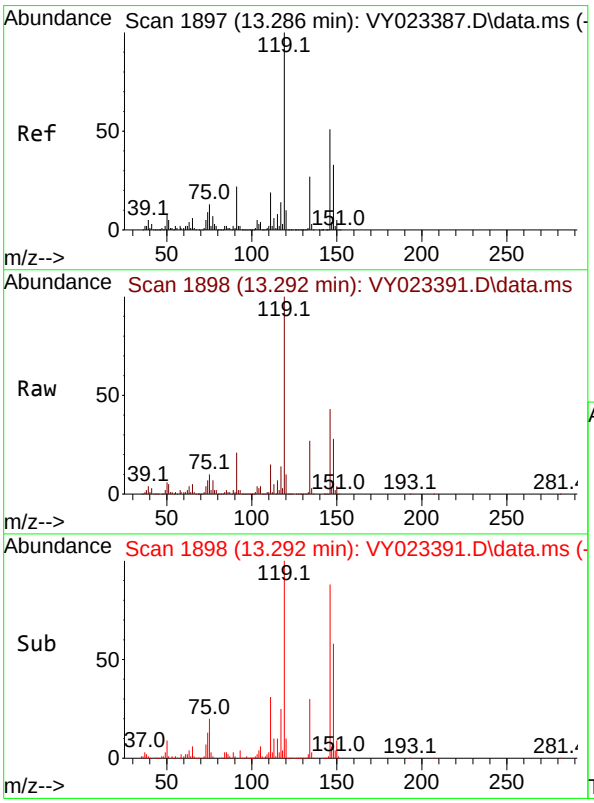
#85
sec-Butylbenzene
Concen: 50.848 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:105 Resp: 1454774

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	32.1

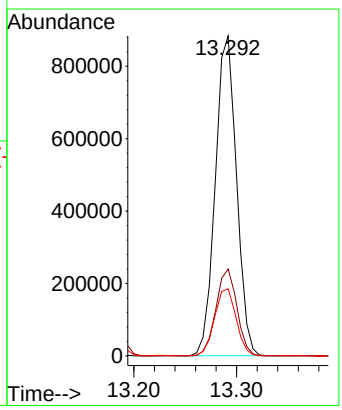


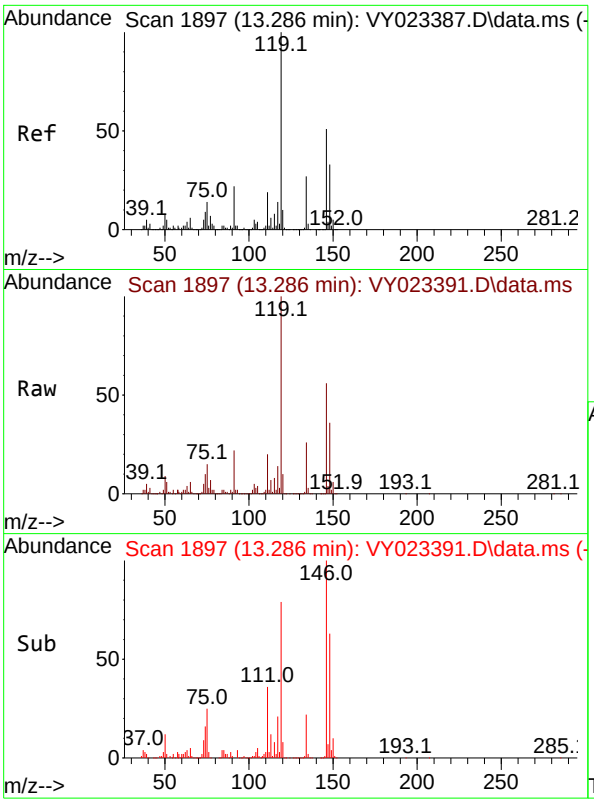


#86
p-Isopropyltoluene
Concen: 51.864 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:119 Resp: 1263377

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	21.3	10.9	32.9



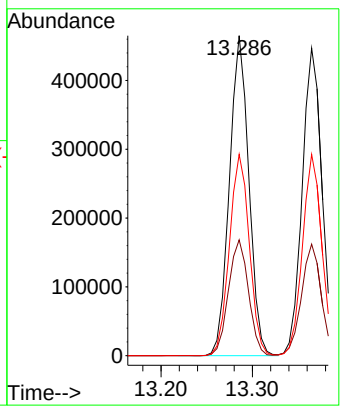


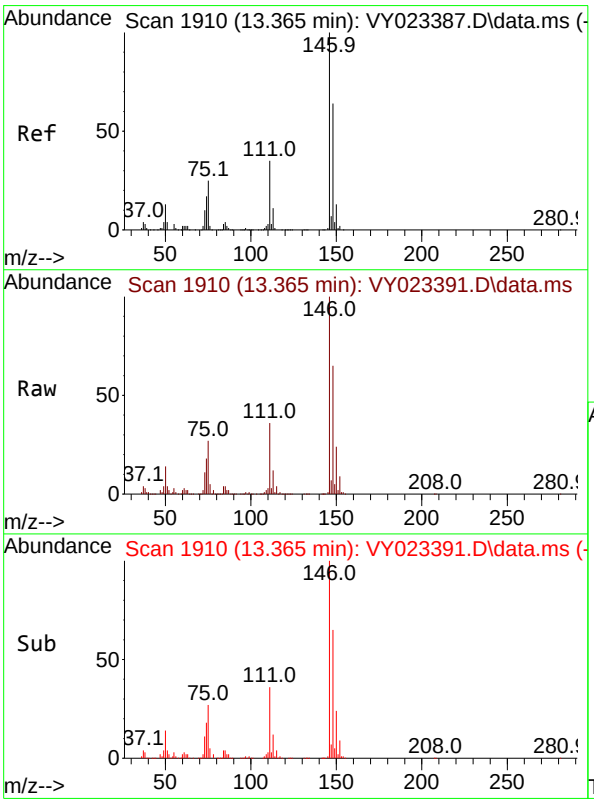
#87
1,3-Dichlorobenzene
Concen: 49.632 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:146 Resp: 686854

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.5	31.9	95.9

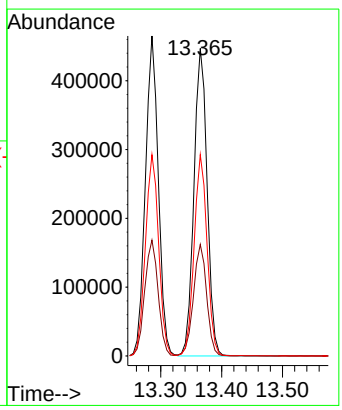


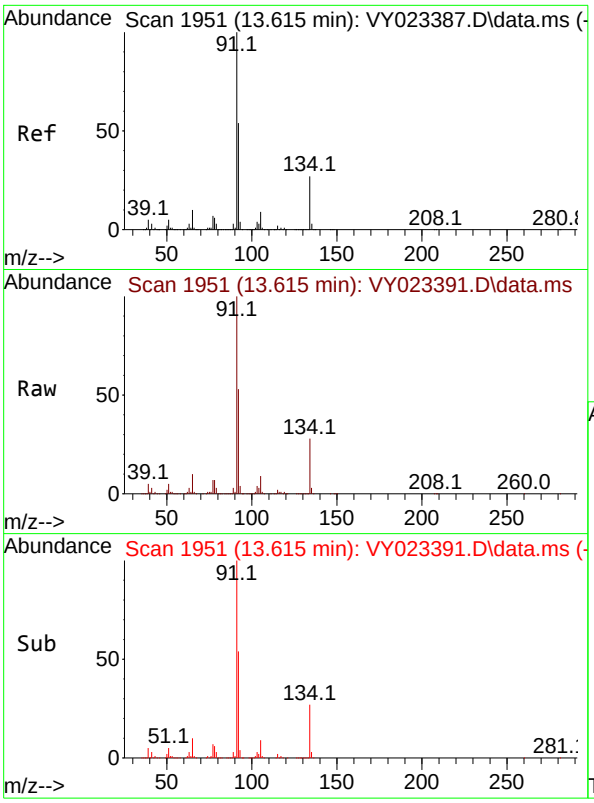


#88
1,4-Dichlorobenzene
Concen: 49.140 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:146 Resp: 671644

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.0	54.0
148	64.2	31.9	95.7



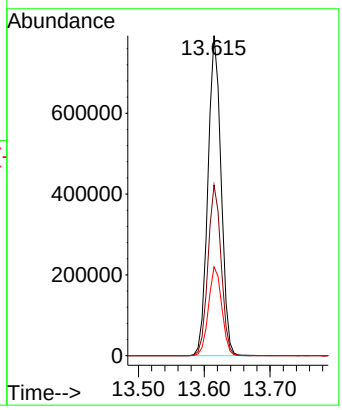


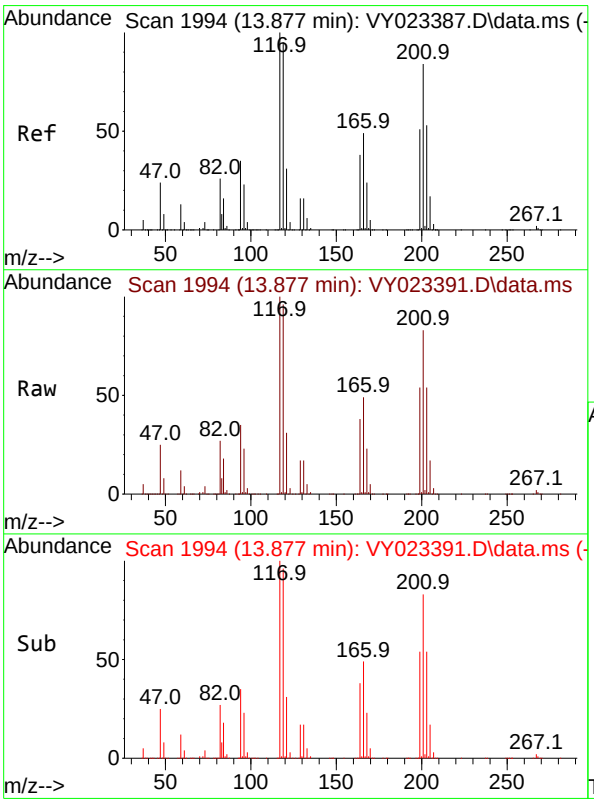
#89
n-Butylbenzene
Concen: 51.829 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion: 91 Resp: 1100086

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	28.1	14.1	42.2

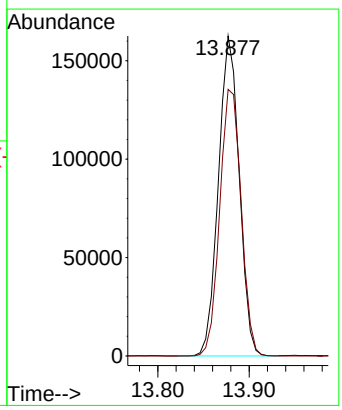


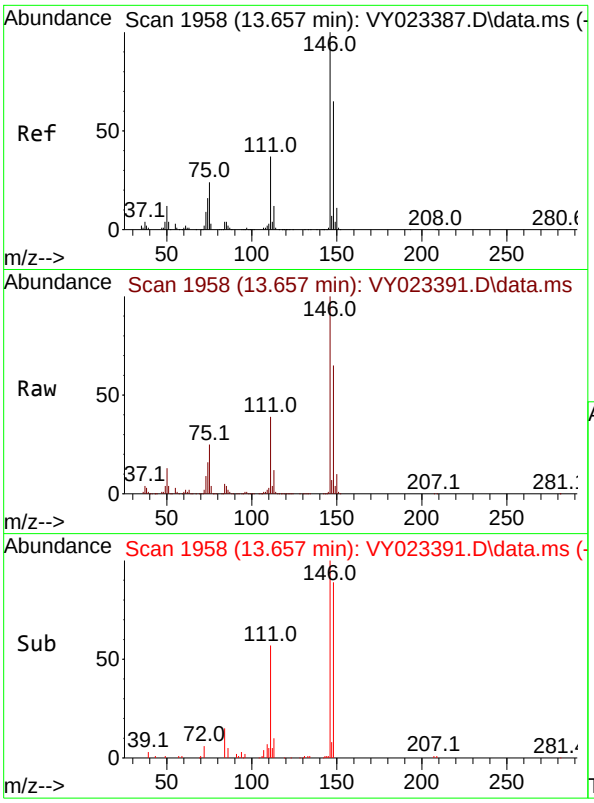


#90
Hexachloroethane
Concen: 49.116 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:117 Resp: 257335

Ion	Ratio	Lower	Upper
117	100		
201	85.7	43.8	131.4



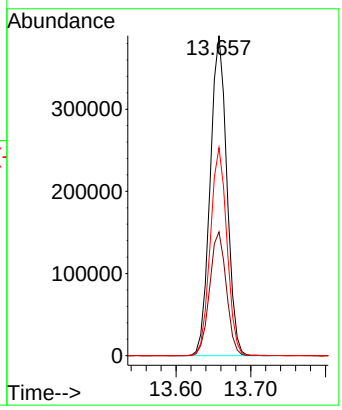


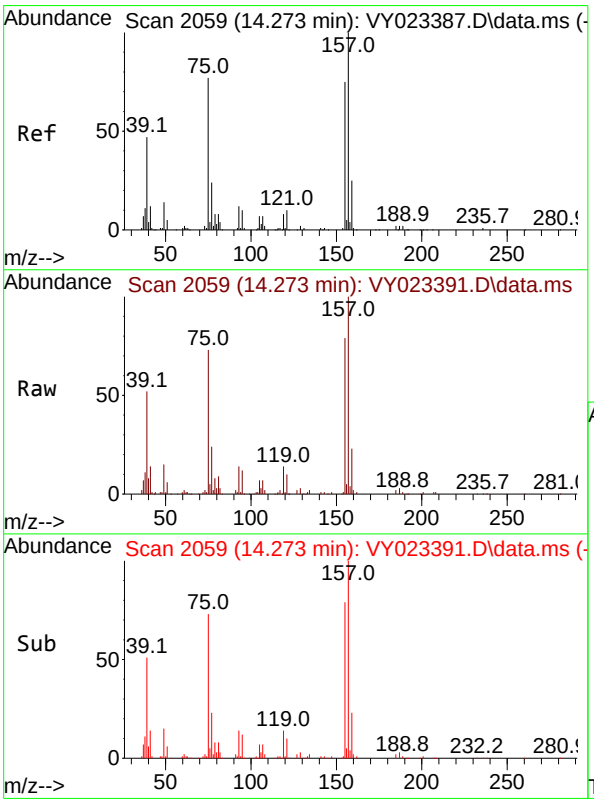
#91
1,2-Dichlorobenzene
Concen: 49.698 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:146 Resp: 602989

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	32.1	96.3

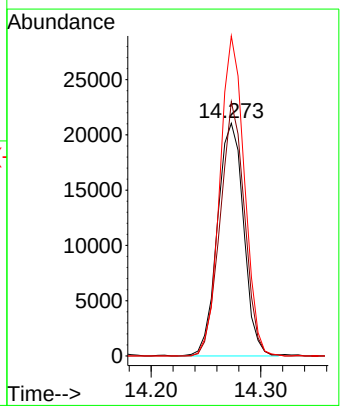


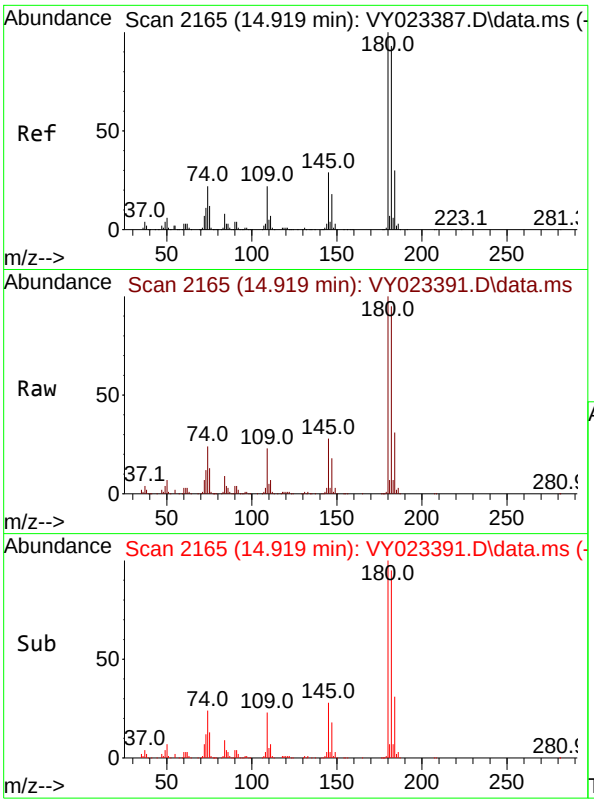


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.687 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion: 75 Resp: 34928

Ion	Ratio	Lower	Upper
75	100		
155	101.5	50.0	150.0
157	128.5	63.8	191.5



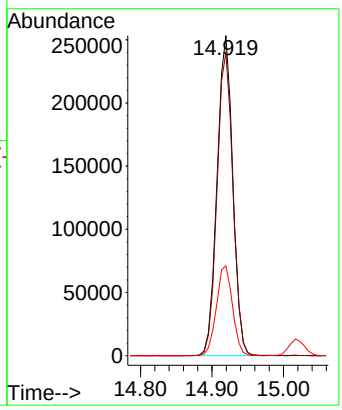


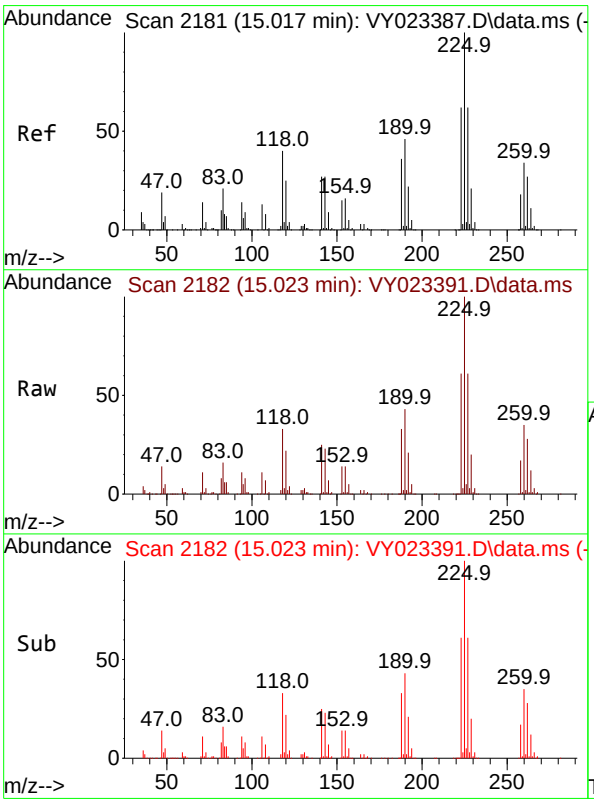
#93
1,2,4-Trichlorobenzene
Concen: 51.138 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:180 Resp: 386806

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	28.8	14.7	44.1

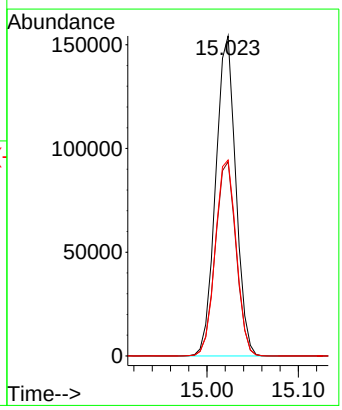


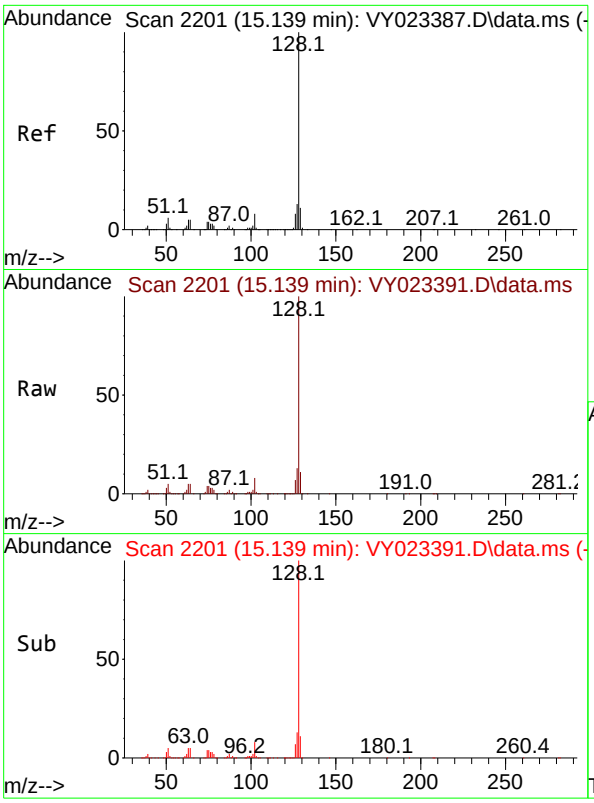


#94
Hexachlorobutadiene
Concen: 50.061 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:225 Resp: 236040

Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.8	92.3
227	63.6	31.9	95.7



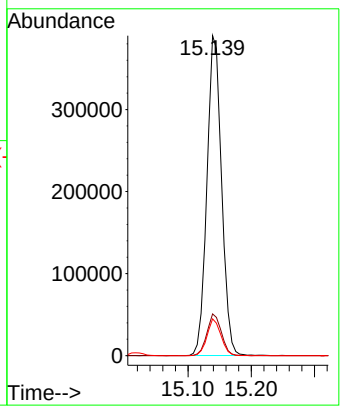


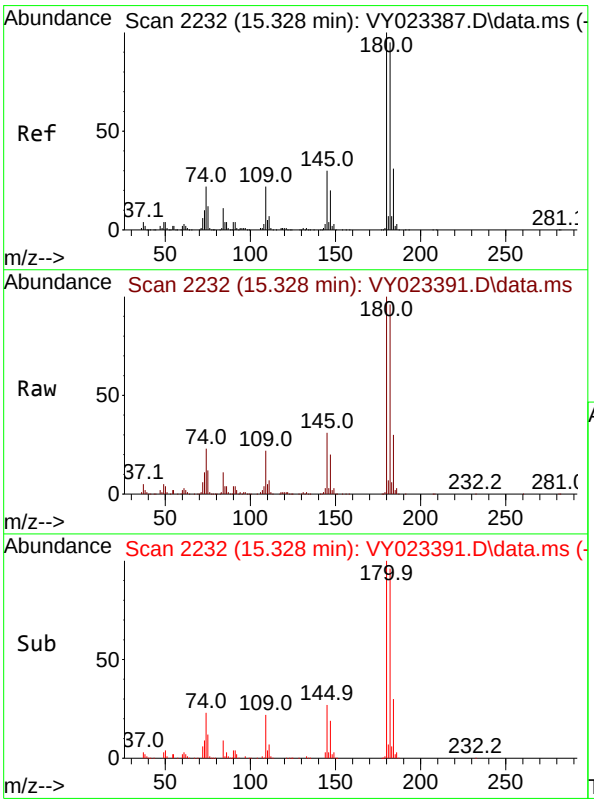
#95
Naphthalene
Concen: 52.154 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Tgt Ion:128 Resp: 628190

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3

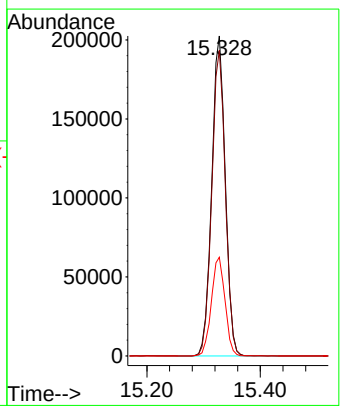




#96
1,2,3-Trichlorobenzene
Concen: 51.172 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023391.D
Acq: 07 Oct 2025 14:12

Tgt Ion:180 Resp: 335267

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	31.1	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	558901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	809883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	208884	44.694	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.380%			
35) Dibromofluoromethane	7.634	113	246096	49.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.109	98	902938	48.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.440%			
62) 4-Bromofluorobenzene	12.407	95	304706	49.801	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	165459	41.129	ug/l	96
3) Chloromethane	2.074	50	219496	40.052	ug/l	99
4) Vinyl Chloride	2.208	62	301831	42.285	ug/l	100
5) Bromomethane	2.598	94	272400	45.475	ug/l	99
6) Chloroethane	2.738	64	217301	44.661	ug/l	99
7) Trichlorofluoromethane	3.061	101	471600	47.584	ug/l	100
8) Diethyl Ether	3.458	74	133898	51.703	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	263863	51.306	ug/l	98
10) Methyl Iodide	4.006	142	326535	57.032	ug/l	97
11) Tert butyl alcohol	4.854	59	102526	294.878	ug/l	97
12) 1,1-Dichloroethene	3.793	96	251789	50.504	ug/l	100
13) Acrolein	3.653	56	33834	68.867	ug/l	99
14) Allyl chloride	4.384	41	289064	47.575	ug/l	97
15) Acrylonitrile	5.061	53	256147	258.449	ug/l	99
16) Acetone	3.866	43	282132	253.570	ug/l	96
17) Carbon Disulfide	4.110	76	647806	45.399	ug/l	100
18) Methyl Acetate	4.384	43	156234	53.529	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	663717	55.391	ug/l	94
20) Methylene Chloride	4.616	84	282698	46.987	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	285348	51.986	ug/l	99
22) Diisopropyl ether	6.018	45	690797	51.399	ug/l	96
23) Vinyl Acetate	5.963	43	1822354	250.506	ug/l	95
24) 1,1-Dichloroethane	5.921	63	454990	51.107	ug/l	99
25) 2-Butanone	6.896	43	346329	254.962	ug/l	98
26) 2,2-Dichloropropane	6.890	77	436383	53.419	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	348158	54.911	ug/l	95
28) Bromochloromethane	7.250	49	138645	41.717	ug/l	89
29) Tetrahydrofuran	7.262	42	193584	251.315	ug/l	93
30) Chloroform	7.420	83	521543	53.320	ug/l	100
31) Cyclohexane	7.707	56	360008	46.305	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	467412	52.584	ug/l	99
36) 1,1-Dichloropropene	7.835	75	345033	52.372	ug/l	99
37) Ethyl Acetate	6.981	43	131442	50.360	ug/l	96
38) Carbon Tetrachloride	7.823	117	427890	53.563	ug/l	99
39) Methylcyclohexane	9.109	83	454580	52.994	ug/l	99
40) Benzene	8.085	78	1117791	53.575	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	76239	54.008	ug/l		94
42) 1,2-Dichloroethane	8.158	62	273693	50.864	ug/l		97
43) Isopropyl Acetate	8.201	43	271189	52.107	ug/l	#	85
44) Trichloroethene	8.865	130	334751	54.817	ug/l		98
45) 1,2-Dichloropropane	9.140	63	246074	53.397	ug/l		98
46) Dibromomethane	9.231	93	160236	54.988	ug/l		98
47) Bromodichloromethane	9.426	83	402796	54.883	ug/l		100
48) Methyl methacrylate	9.219	41	124097	50.755	ug/l		90
49) 1,4-Dioxane	9.231	88	38729	1146.304	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	731786	272.142	ug/l		97
52) Toluene	10.170	92	751520	55.476	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	353434	55.385	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	421103	55.911	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	222722	56.837	ug/l		98
56) Ethyl methacrylate	10.438	69	271697	60.107	ug/l		93
57) 1,3-Dichloropropane	10.719	76	346039	55.727	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	547857	270.556	ug/l		97
59) 2-Hexanone	10.761	43	528461	275.001	ug/l		95
60) Dibromochloromethane	10.914	129	315067	57.348	ug/l		100
61) 1,2-Dibromoethane	11.017	107	213108	57.024	ug/l		100
64) Tetrachloroethene	10.645	164	410235	55.753	ug/l		98
65) Chlorobenzene	11.444	112	872090	56.267	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	311946	56.479	ug/l		99
67) Ethyl Benzene	11.517	91	1418642	56.546	ug/l		99
68) m/p-Xylenes	11.627	106	1162639	115.537	ug/l		98
69) o-Xylene	11.956	106	555086	58.810	ug/l		97
70) Styrene	11.968	104	915552	58.986	ug/l		99
71) Bromoform	12.133	173	198287	57.877	ug/l	#	100
73) Isopropylbenzene	12.255	105	1427449	56.959	ug/l		100
74) N-amyl acetate	12.072	43	240539	53.438	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	228057	55.639	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	299810	89.360	ug/l	#	100
77) Bromobenzene	12.529	156	372577	55.922	ug/l		98
78) n-propylbenzene	12.596	91	1644549	56.707	ug/l		99
79) 2-Chlorotoluene	12.682	91	947547	55.795	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	1157792	57.172	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	77712	56.799	ug/l		95
82) 4-Chlorotoluene	12.779	91	966872	55.281	ug/l		98
83) tert-Butylbenzene	12.993	119	1094487	58.535	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	1158715	57.333	ug/l		100
85) sec-Butylbenzene	13.175	105	1549057	57.753	ug/l		100
86) p-Isopropyltoluene	13.291	119	1337700	58.577	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	720888	55.564	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	713367	55.673	ug/l		100
89) n-Butylbenzene	13.614	91	1156866	58.138	ug/l		99
90) Hexachloroethane	13.877	117	266678	54.294	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	642214	56.461	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	35210	52.353	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	405098	57.127	ug/l		99
94) Hexachlorobutadiene	15.023	225	244033	55.207	ug/l		100
95) Naphthalene	15.145	128	662767	58.694	ug/l		100
96) 1,2,3-Trichlorobenzene	15.327	180	346789	56.460	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

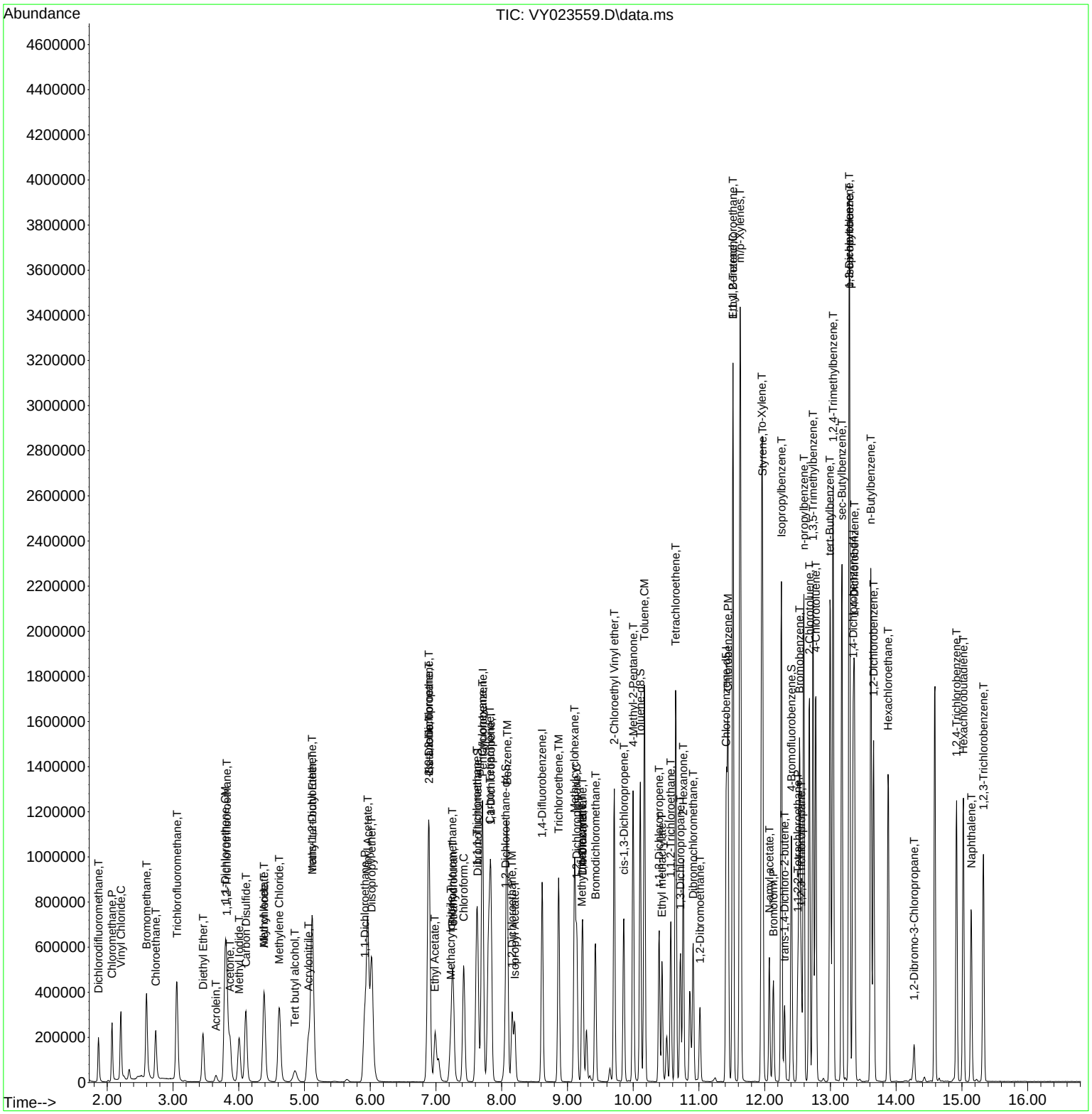
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

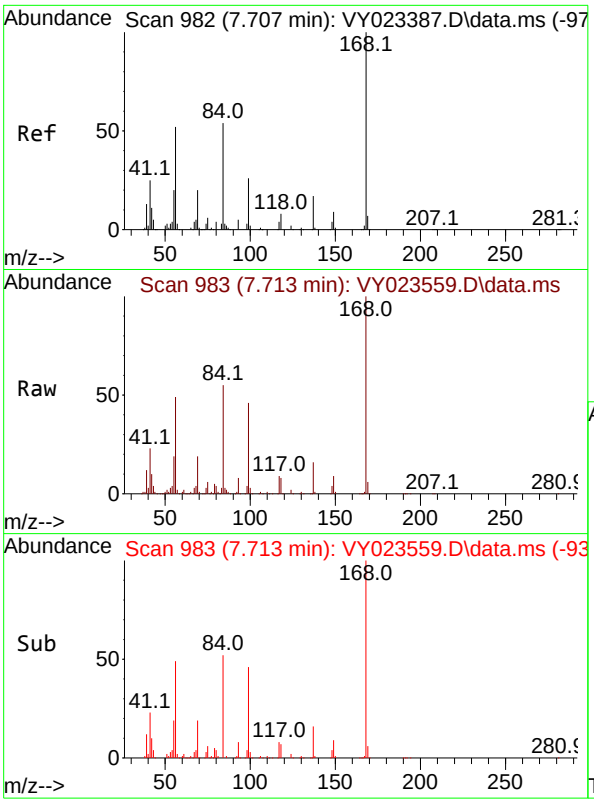
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023559.D
Acq On : 24 Oct 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Oct 24 23:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



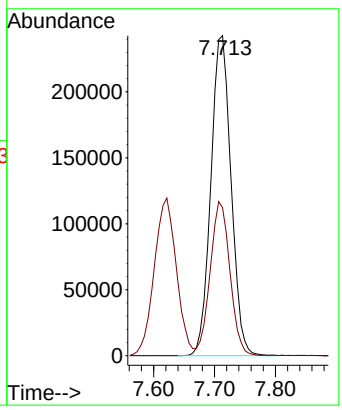


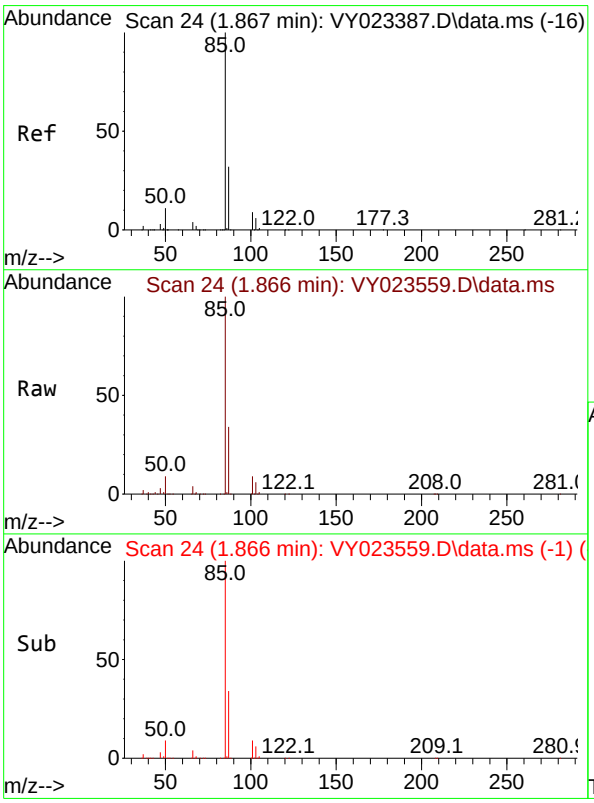
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 558901

Ion	Ratio	Lower	Upper
168	100		
99	46.3	39.7	59.5

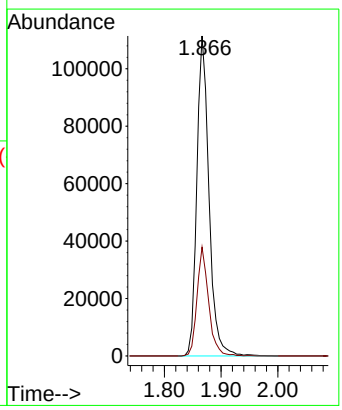


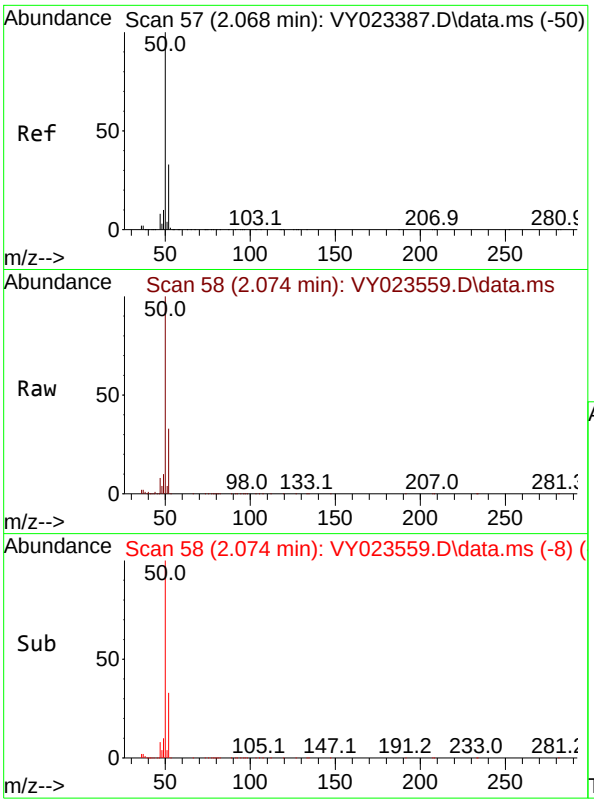


#2
Dichlorodifluoromethane
Concen: 41.129 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 85 Resp: 165459

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.0	47.9



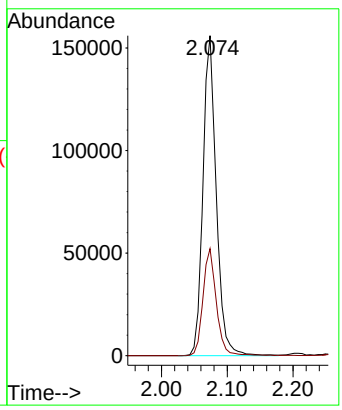


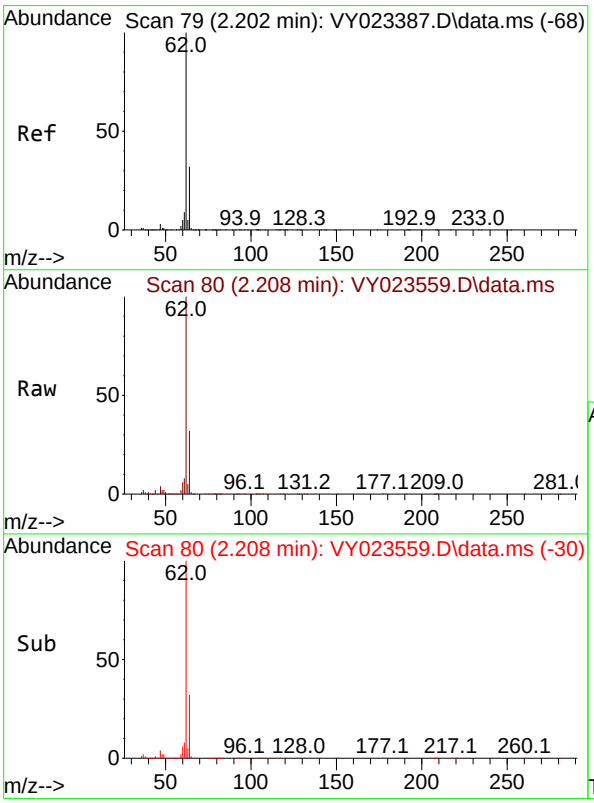
#3
Chloromethane
Concen: 40.052 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 219496

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.2	39.2

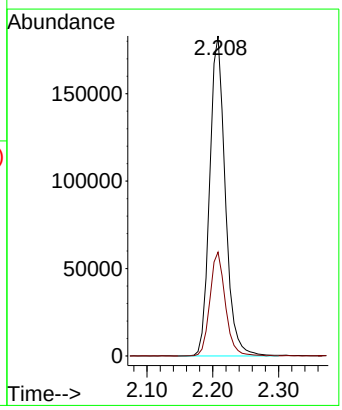


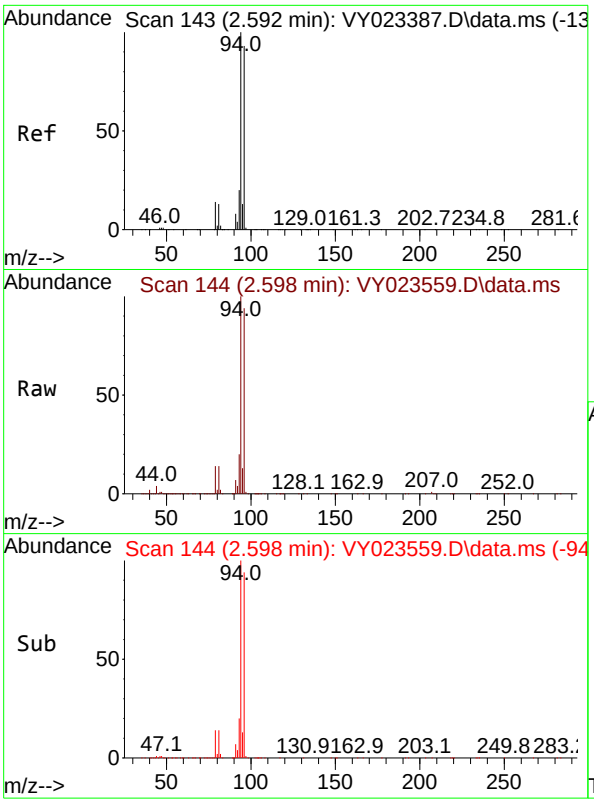


#4
Vinyl Chloride
Concen: 42.285 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 301831

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



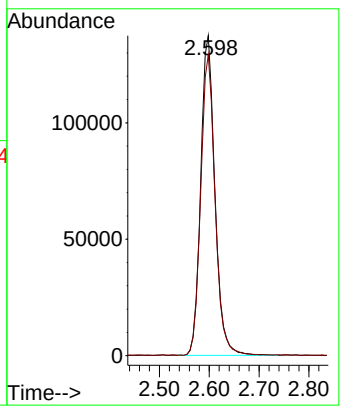


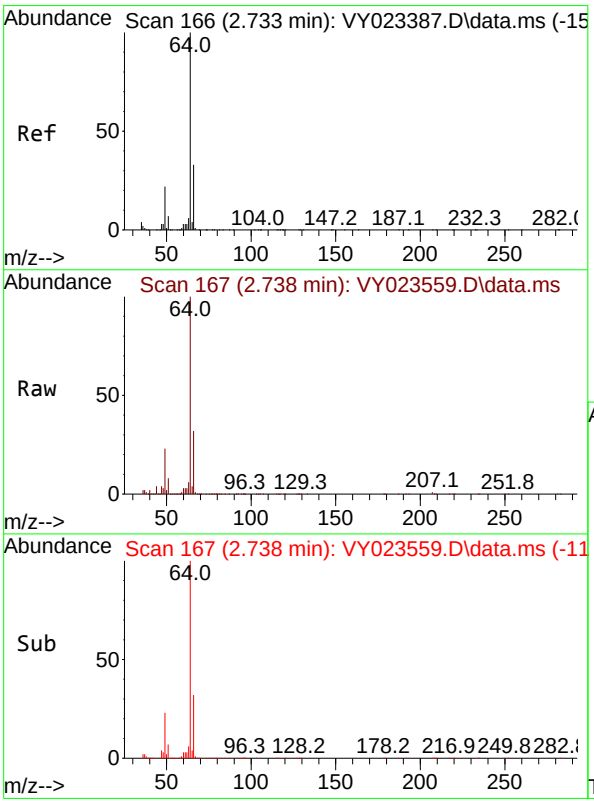
#5
Bromomethane
Concen: 45.475 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 272400

Ion	Ratio	Lower	Upper
94	100		
96	93.9	74.5	111.7

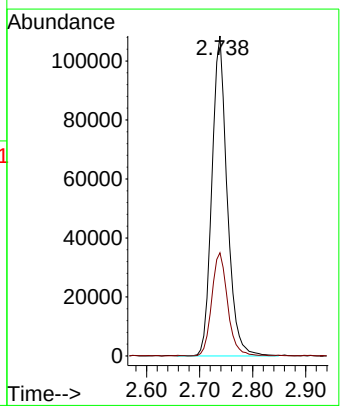


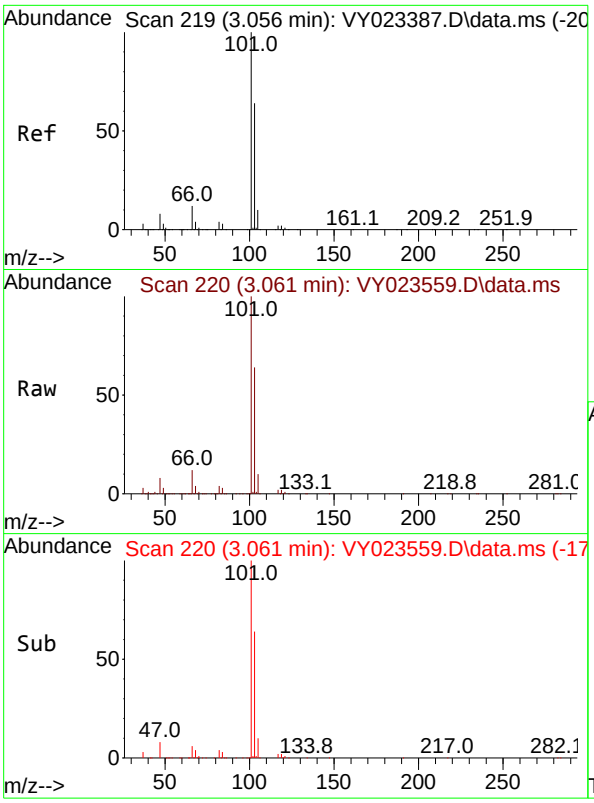


#6
Chloroethane
Concen: 44.661 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 64 Resp: 217301

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.2	39.4



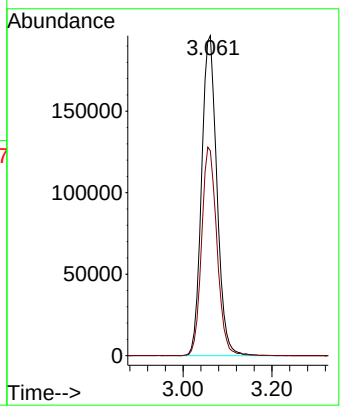


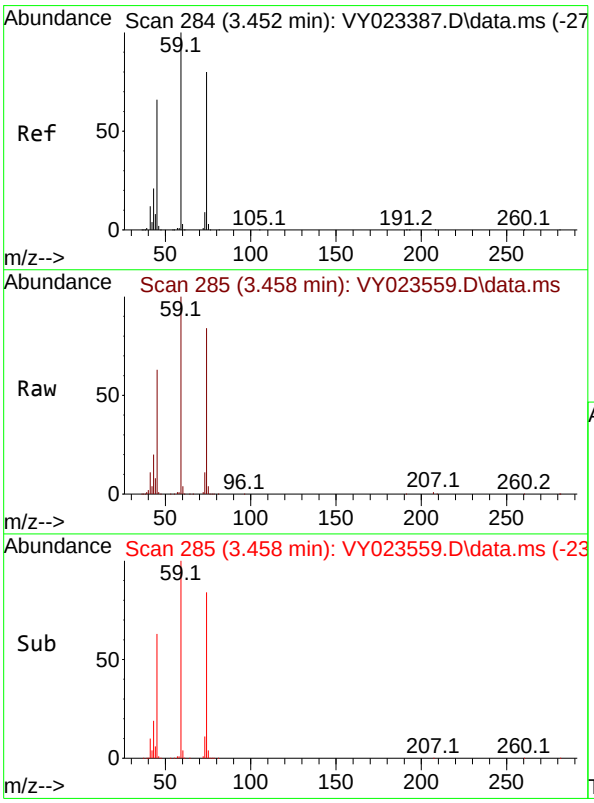
#7
Trichlorofluoromethane
Concen: 47.584 ug/l
RT: 3.061 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 471600

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.3	76.9

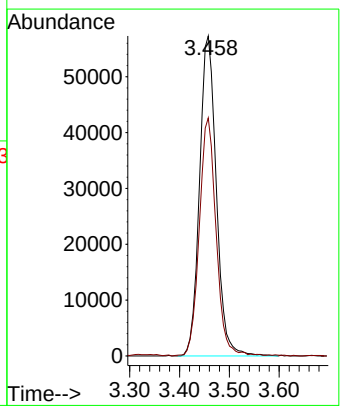


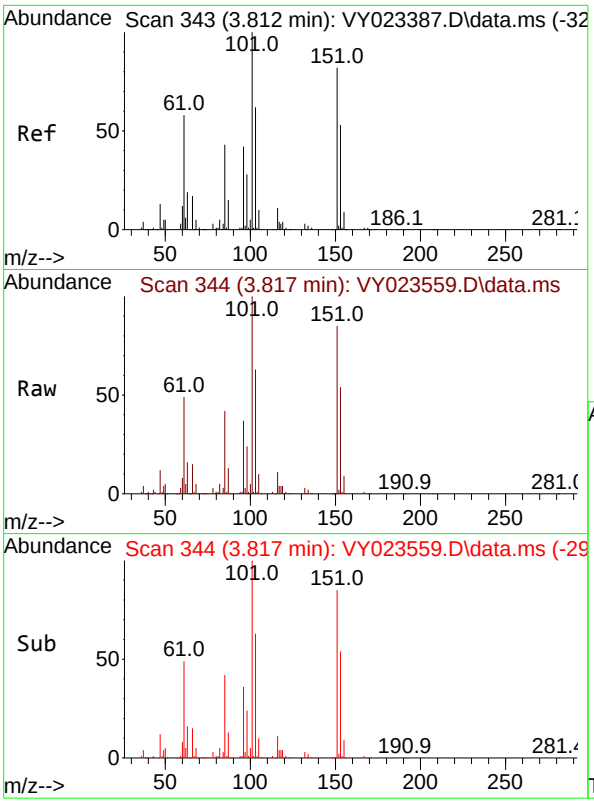


#8
Diethyl Ether
Concen: 51.703 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 74 Resp: 133898

Ion	Ratio	Lower	Upper
74	100		
45	74.5	39.9	119.7



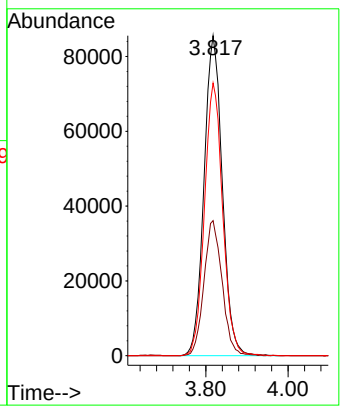


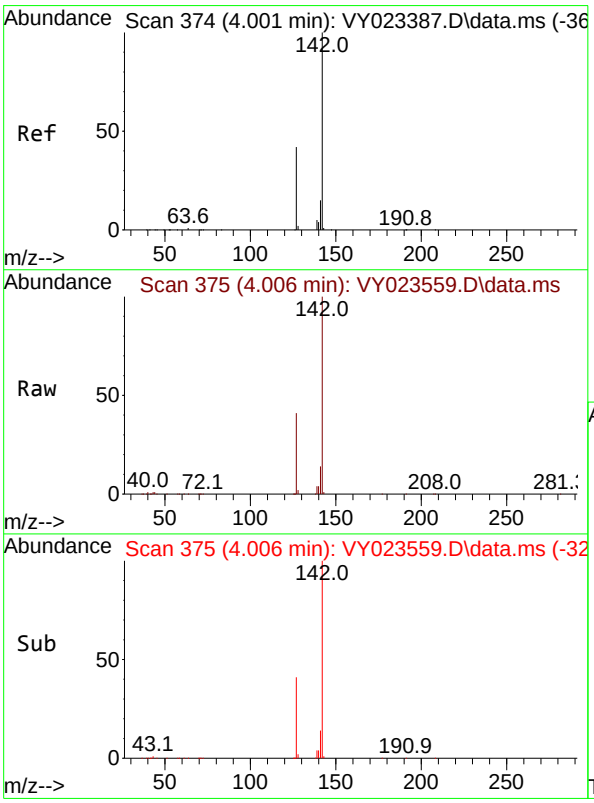
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.306 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 263863

Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.6	51.8
151	85.0	67.0	100.6

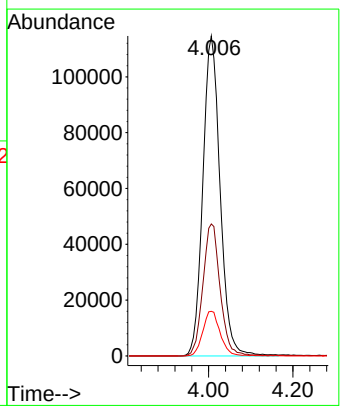


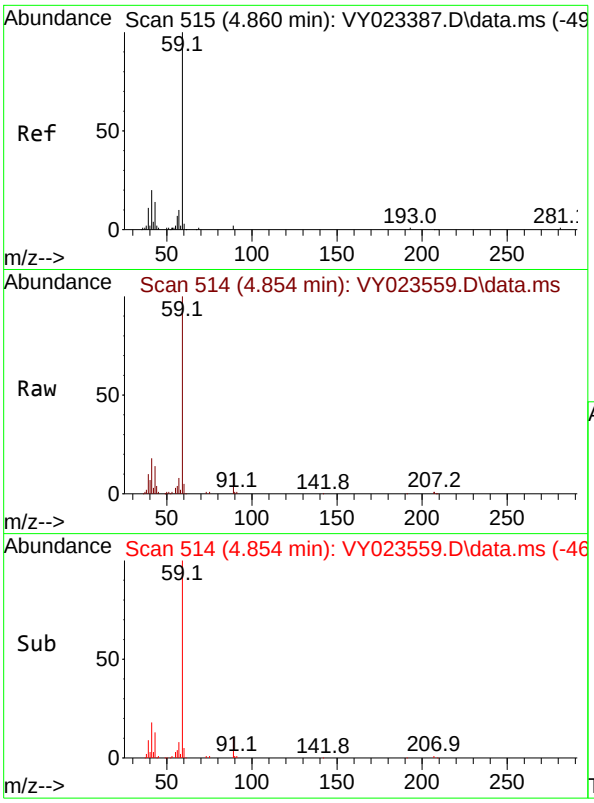


#10
Methyl Iodide
Concen: 57.032 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:142 Resp: 326535

Ion	Ratio	Lower	Upper
142	100		
127	41.1	34.8	52.2
141	14.0	11.6	17.4



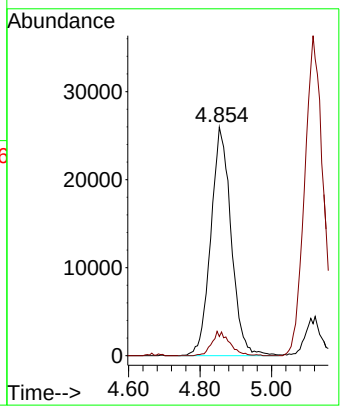


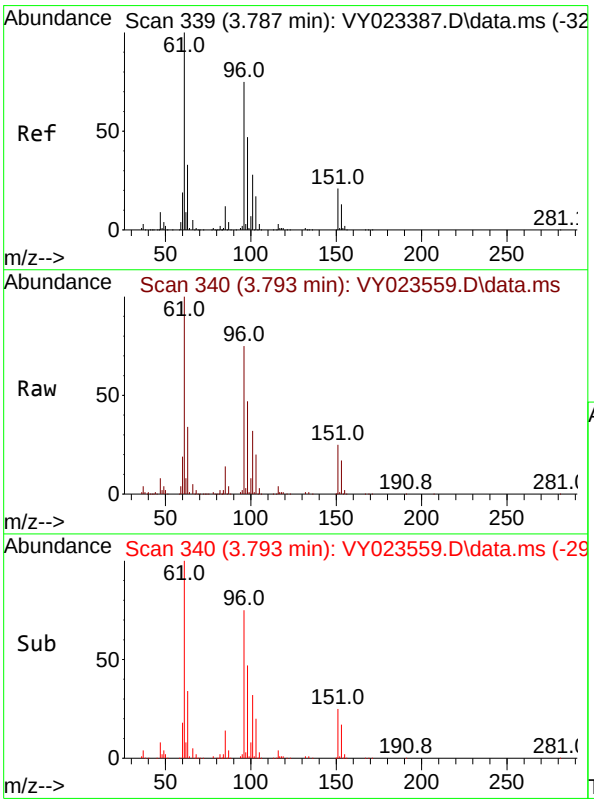
#11
Tert butyl alcohol
Concen: 294.878 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 102526

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.3	12.5

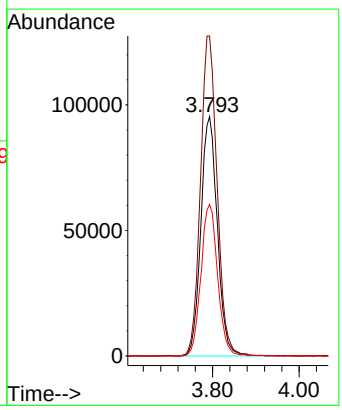


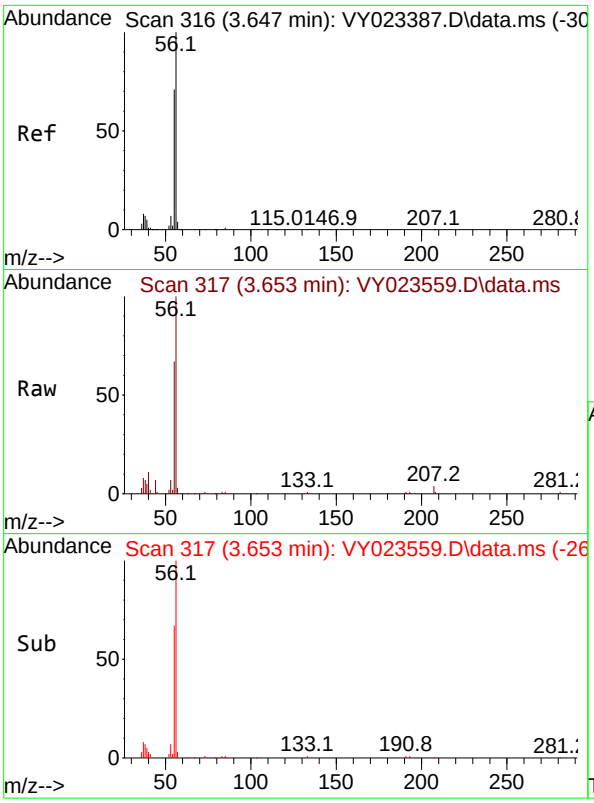


#12
1,1-Dichloroethene
Concen: 50.504 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 96 Resp: 251789

Ion	Ratio	Lower	Upper
96	100		
61	133.6	106.7	160.1
98	63.3	50.2	75.4



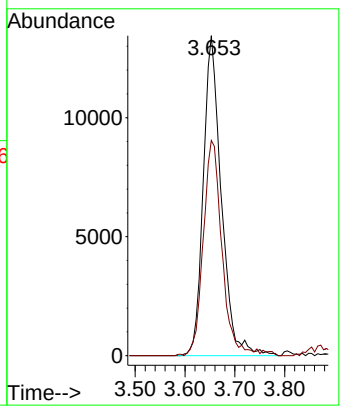


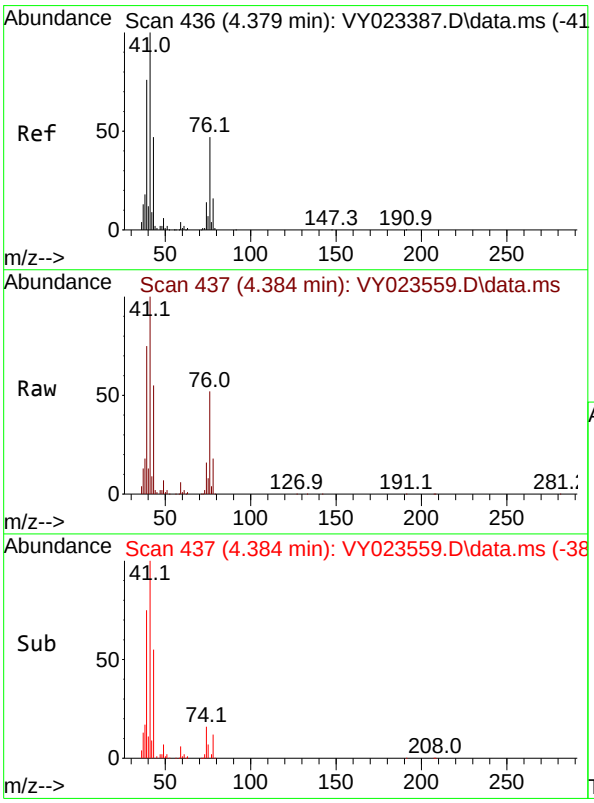
#13
Acrolein
Concen: 68.867 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 33834

Ion	Ratio	Lower	Upper
56	100		
55	69.0	56.1	84.1

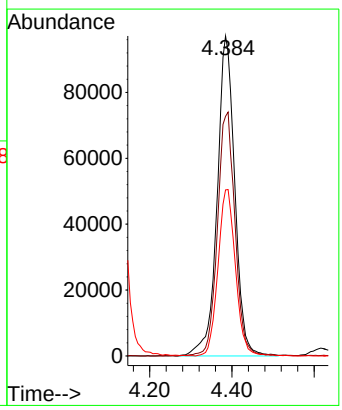


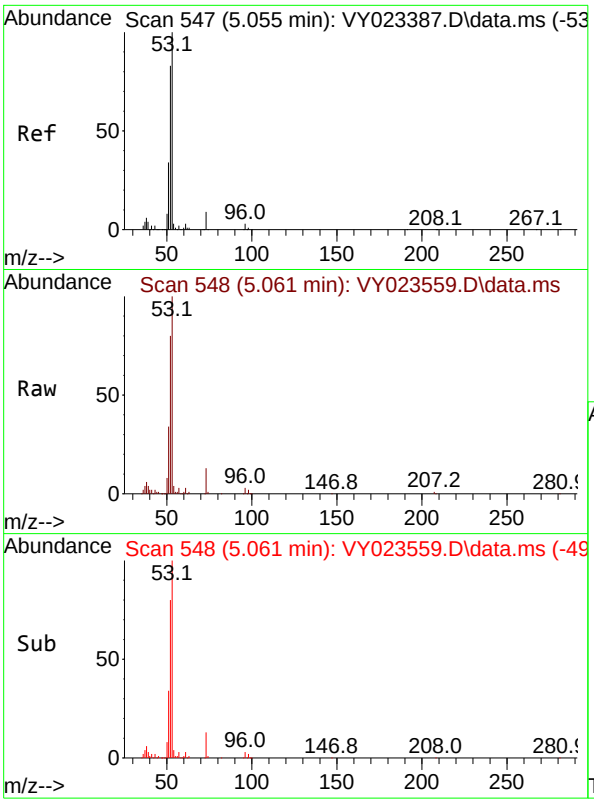


#14
Allyl chloride
Concen: 47.575 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 289064

Ion	Ratio	Lower	Upper
41	100		
39	76.1	59.9	89.9
76	51.5	38.0	57.0



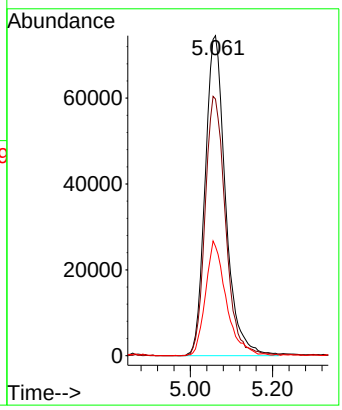


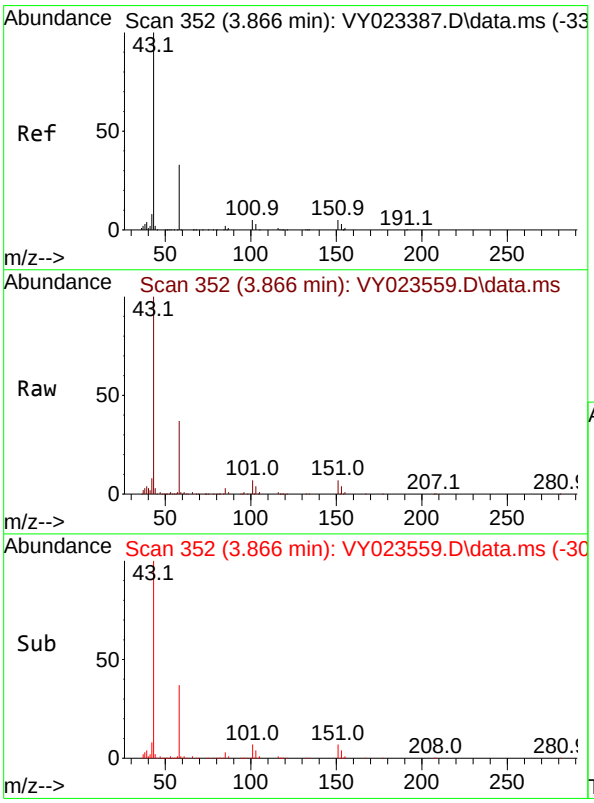
#15
Acrylonitrile
Concen: 258.449 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 256147

Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.6	97.0
51	36.4	29.5	44.3

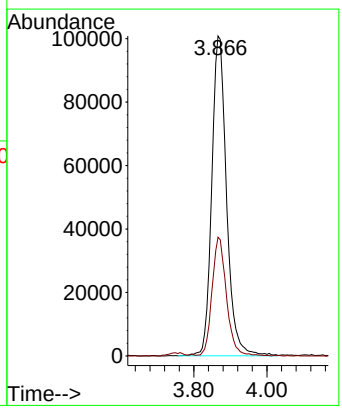


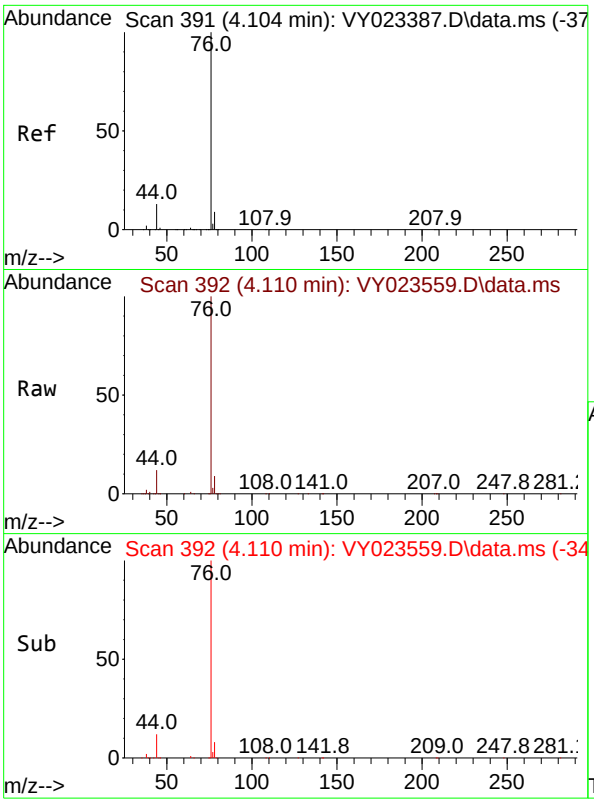


#16
Acetone
Concen: 253.570 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 282132

Ion	Ratio	Lower	Upper
43	100		
58	37.0	27.7	41.5



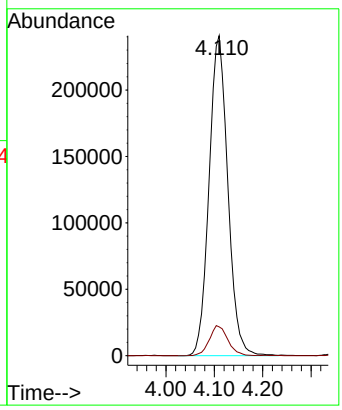


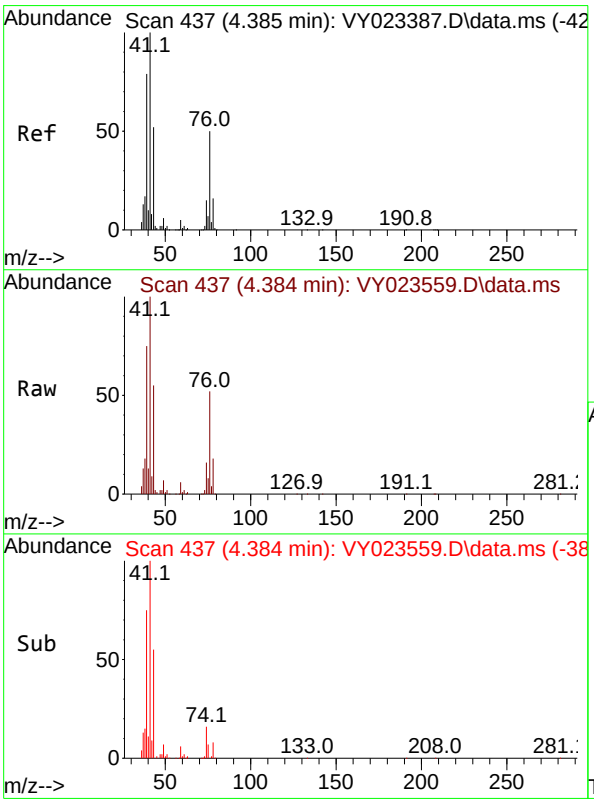
#17
Carbon Disulfide
Concen: 45.399 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 647806

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

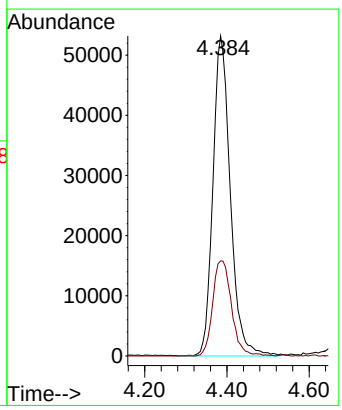


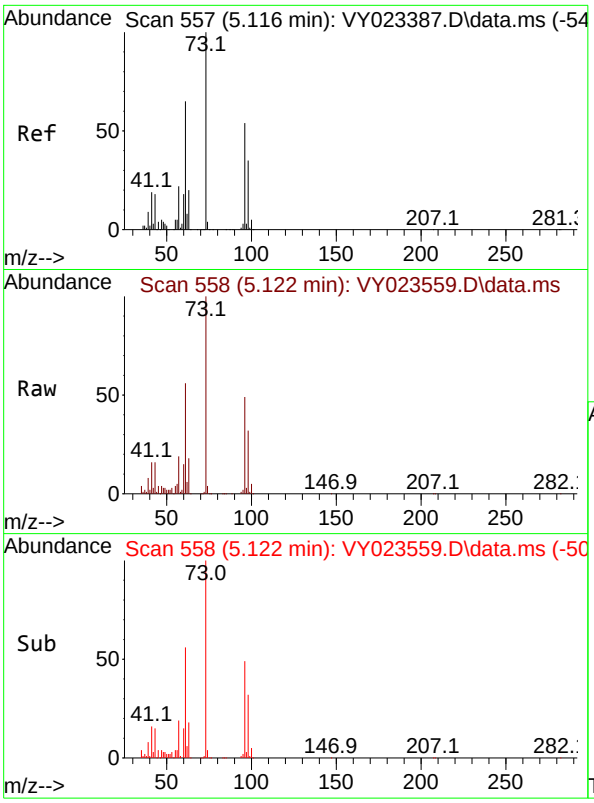


#18
Methyl Acetate
Concen: 53.529 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 156234

Ion	Ratio	Lower	Upper
43	100		
74	32.2	24.2	36.4



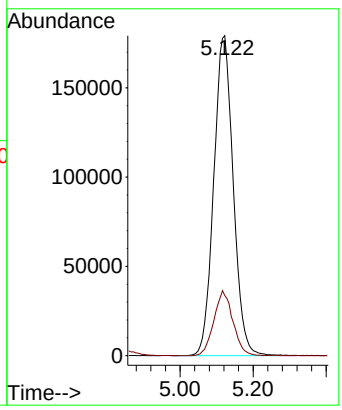


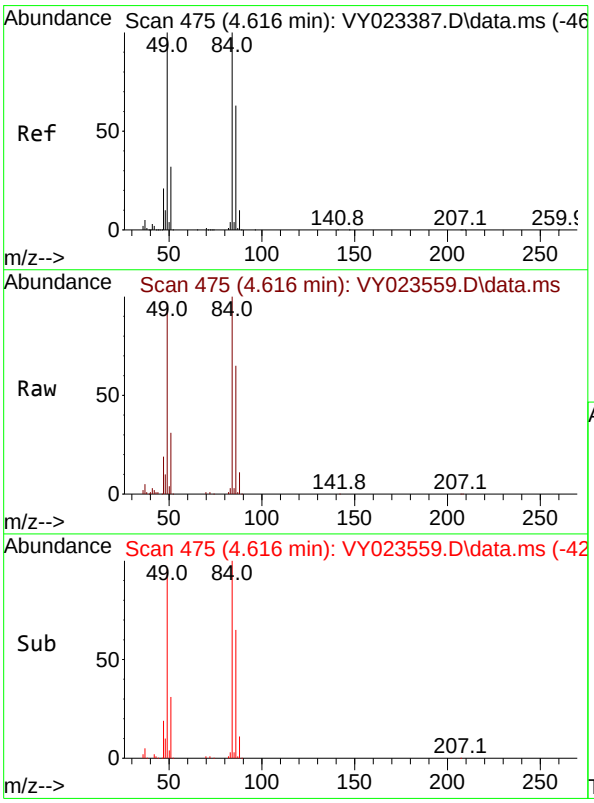
#19
Methyl tert-butyl Ether
Concen: 55.391 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 663717

Ion	Ratio	Lower	Upper
73	100		
57	18.8	17.4	26.0

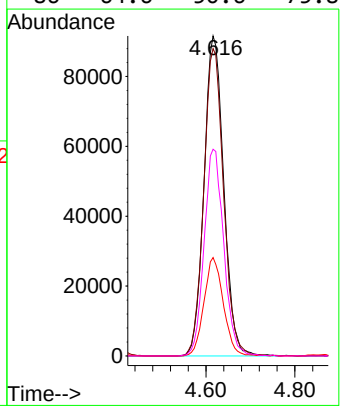


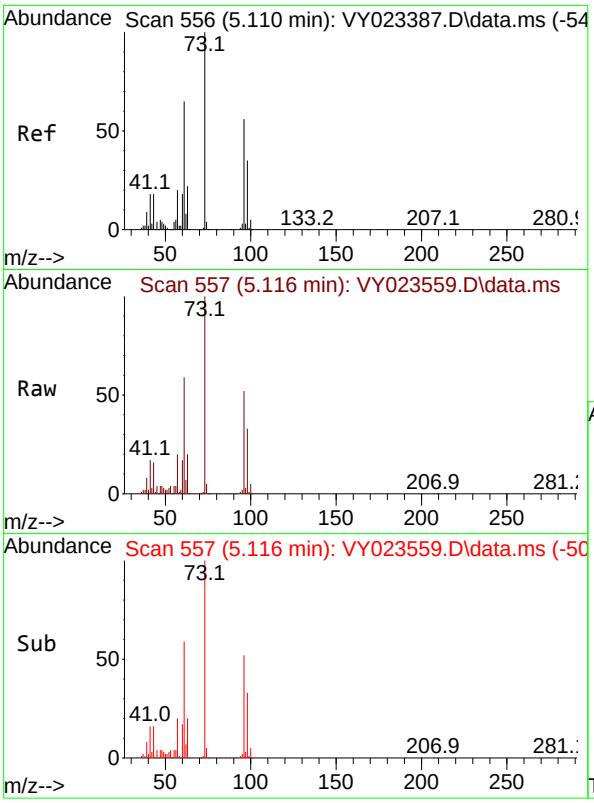


#20
Methylene Chloride
Concen: 46.987 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 84 Resp: 282698

Ion	Ratio	Lower	Upper
84	100		
49	96.0	80.2	120.4
51	30.8	25.9	38.9
86	64.6	50.6	75.8



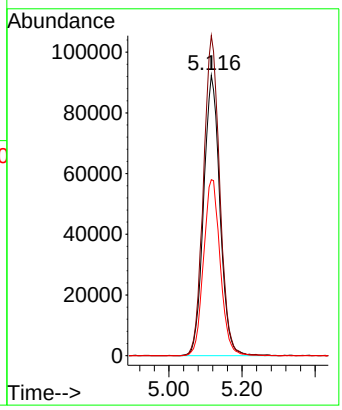


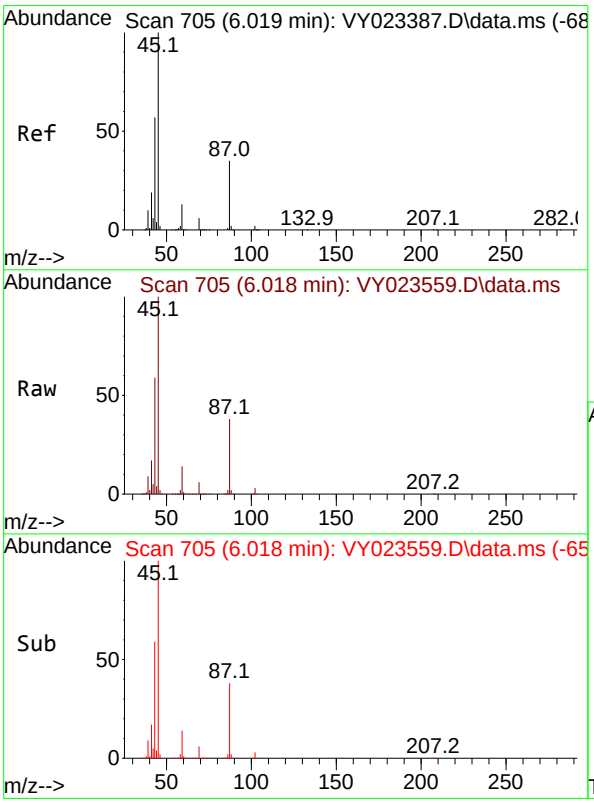
#21
trans-1,2-Dichloroethene
Concen: 51.986 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 285348

Ion	Ratio	Lower	Upper
96	100		
61	114.1	92.7	139.1
98	62.8	49.7	74.5

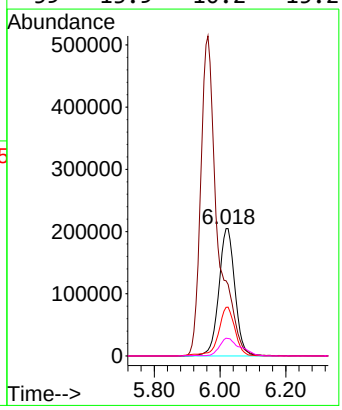


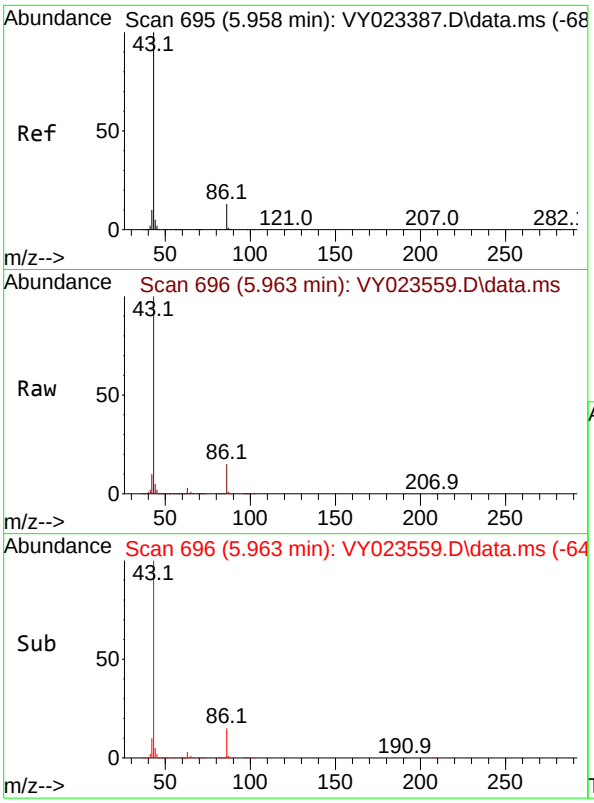


#22
Diisopropyl ether
Concen: 51.399 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 45 Resp: 690797

Ion	Ratio	Lower	Upper
45	100		
43	59.1	45.6	68.4
87	38.2	28.1	42.1
59	13.9	10.2	15.2



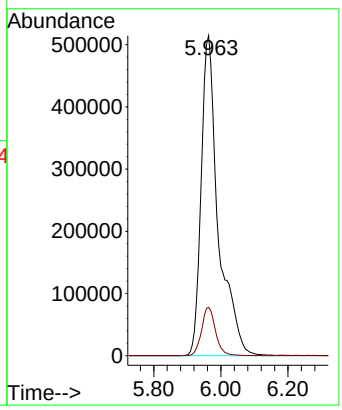


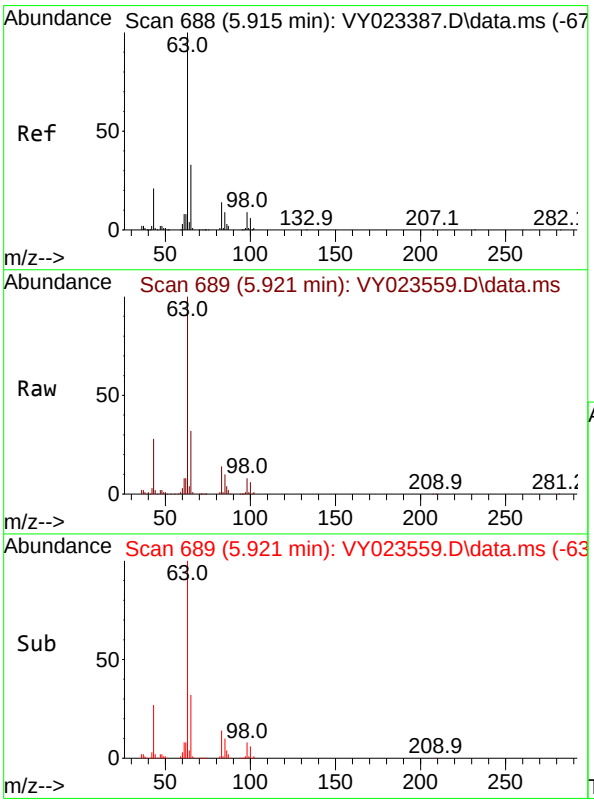
#23
Vinyl Acetate
Concen: 250.506 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1822354

Ion	Ratio	Lower	Upper
43	100		
86	15.1	10.6	15.8

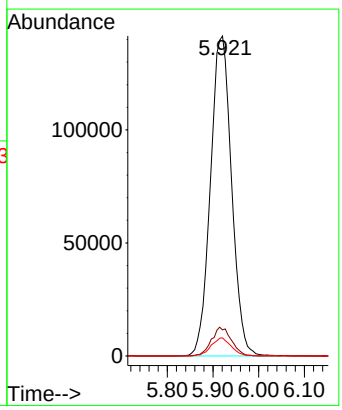


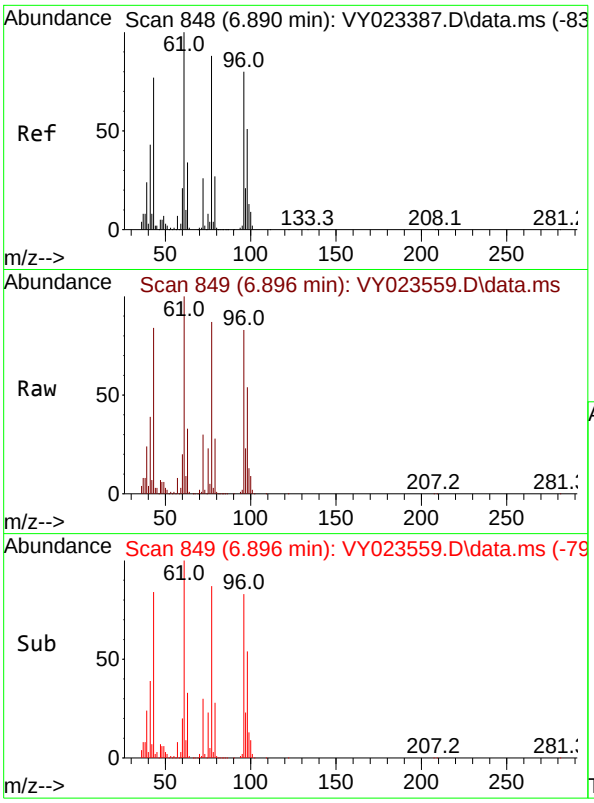


#24
1,1-Dichloroethane
Concen: 51.107 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 454990

Ion	Ratio	Lower	Upper
63	100		
98	8.2	4.3	13.1
100	5.7	2.8	8.4



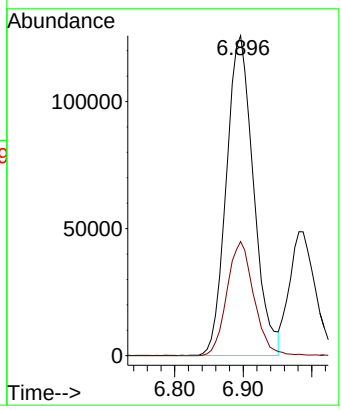


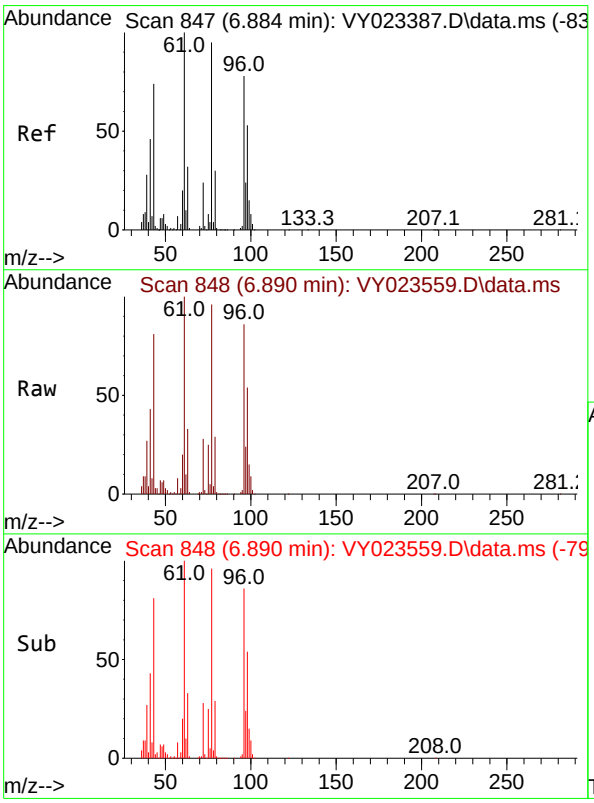
#25
2-Butanone
Concen: 254.962 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 346329

Ion	Ratio	Lower	Upper
43	100		
72	35.7	27.4	41.2

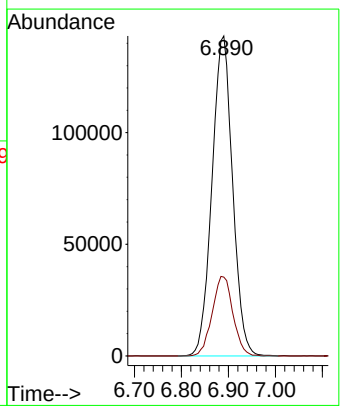


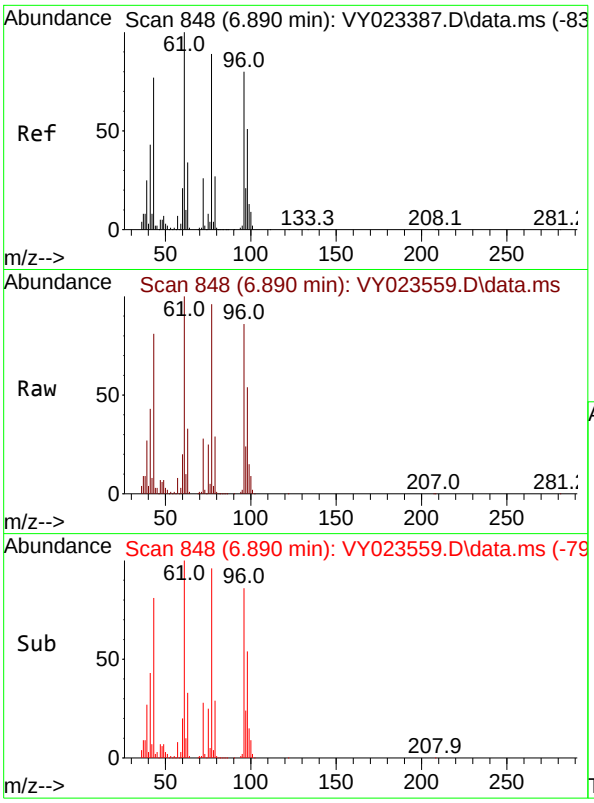


#26
2,2-Dichloropropane
Concen: 53.419 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 77 Resp: 436383

Ion	Ratio	Lower	Upper
77	100		
97	25.0	12.1	36.3



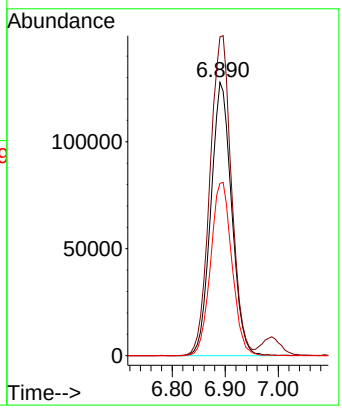


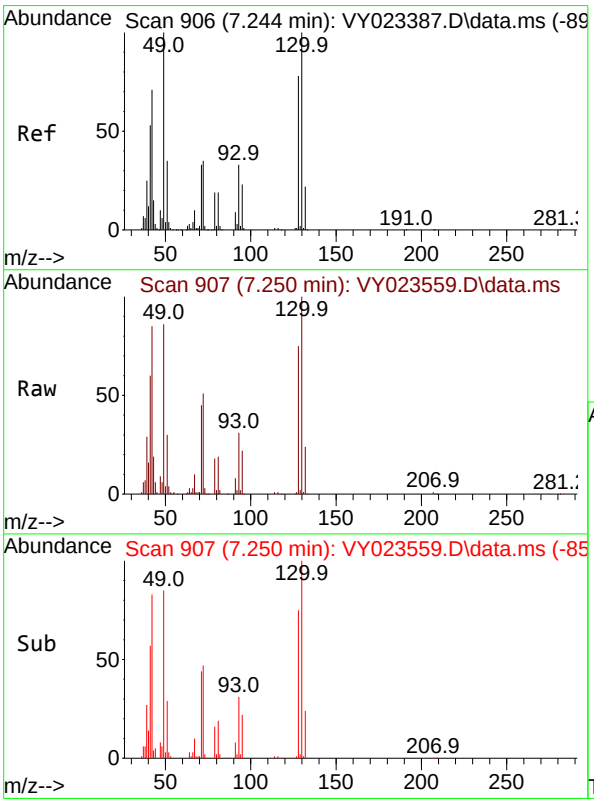
#27
cis-1,2-Dichloroethene
Concen: 54.911 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 348158

Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	258.2
98	64.9	0.0	132.0

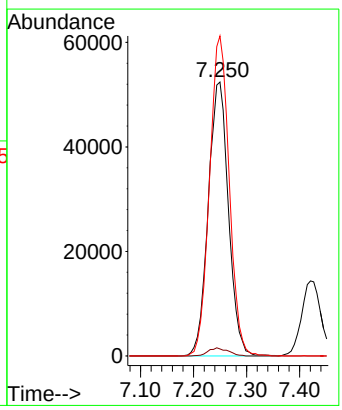


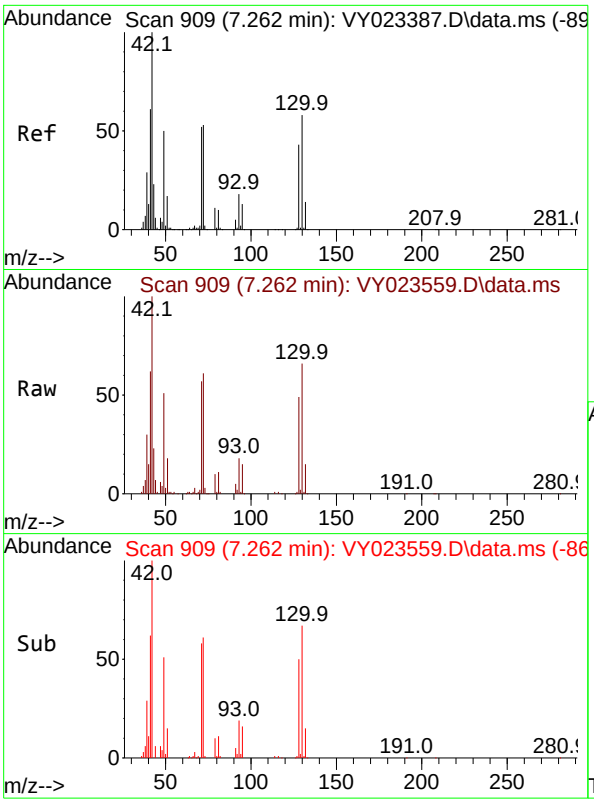


#28
Bromochloromethane
Concen: 41.717 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 49 Resp: 138645

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	113.9	81.9	122.9



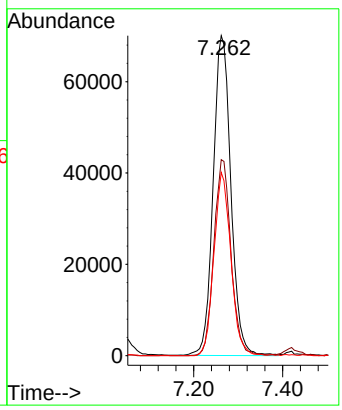


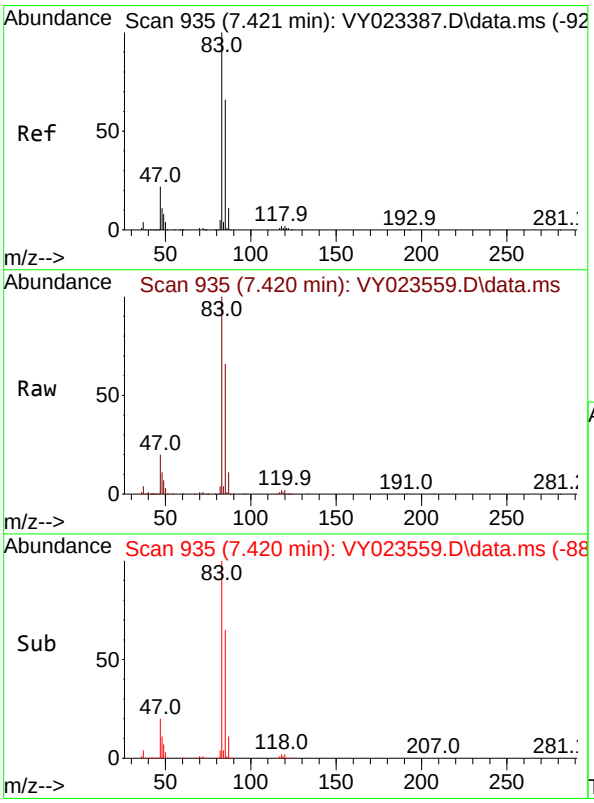
#29
Tetrahydrofuran
Concen: 251.315 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 193584

Ion	Ratio	Lower	Upper
42	100		
72	59.3	43.0	64.6
71	54.8	40.1	60.1

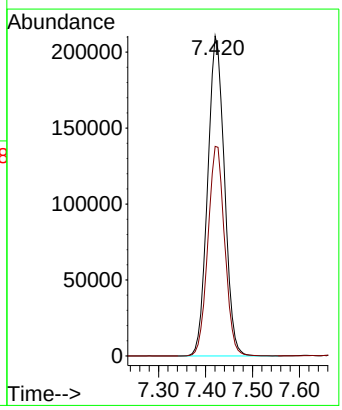


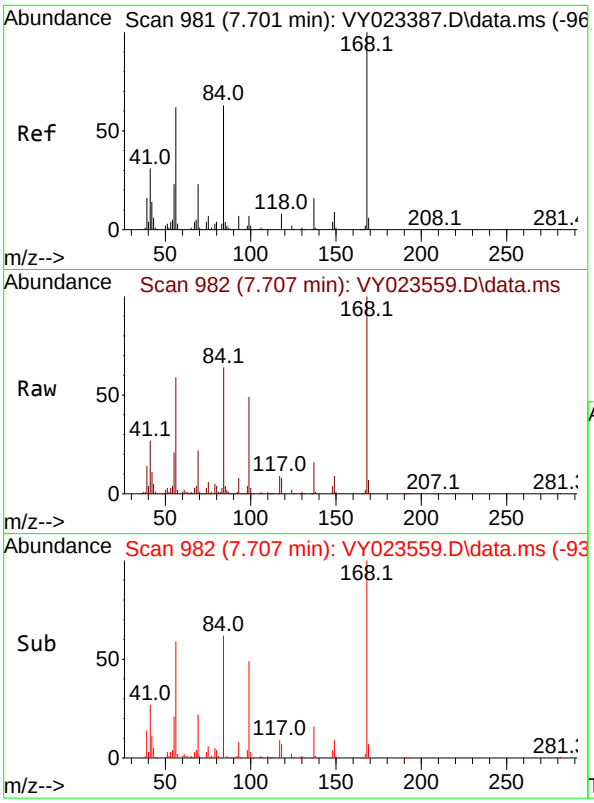


#30
Chloroform
Concen: 53.320 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 83 Resp: 521543

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7



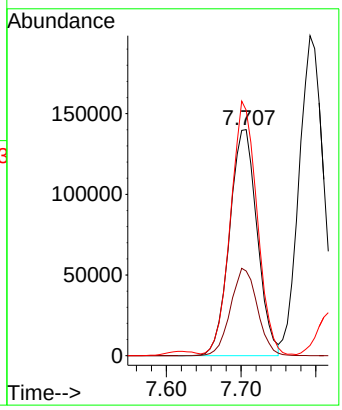


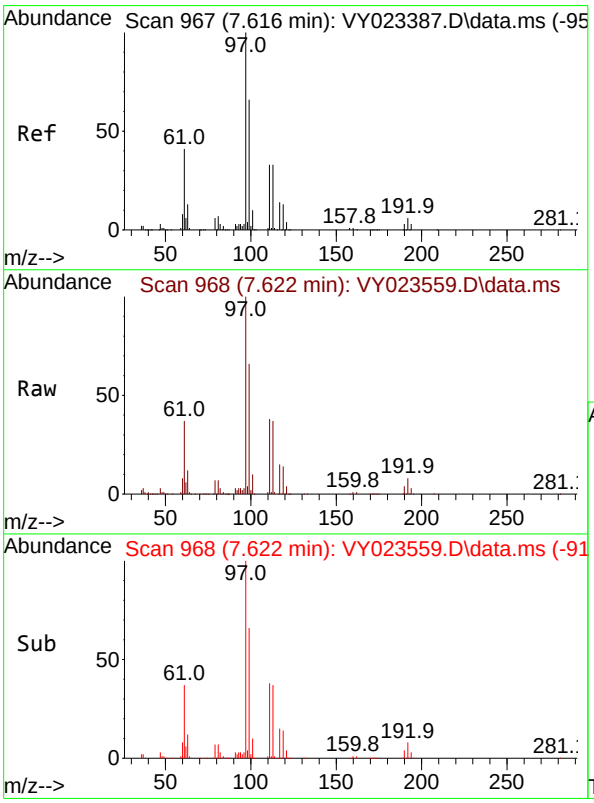
#31
Cyclohexane
Concen: 46.305 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 360008

Ion	Ratio	Lower	Upper
56	100		
69	37.4	30.0	45.0
84	106.6	81.2	121.8

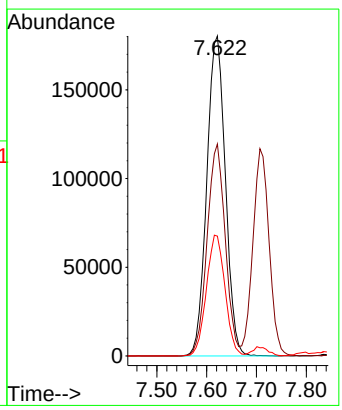


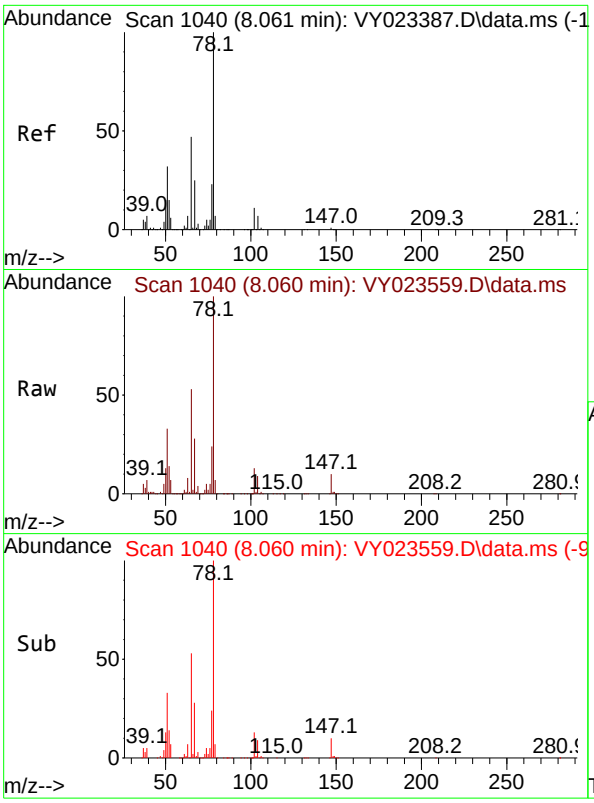


#32
1,1,1-Trichloroethane
Concen: 52.584 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 97 Resp: 467412

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	37.9	31.9	47.9



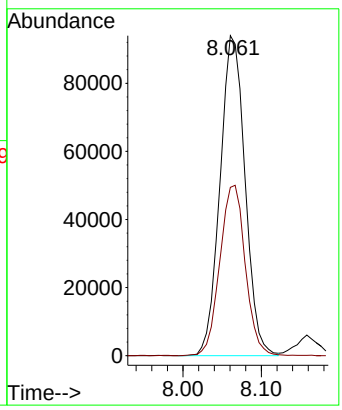


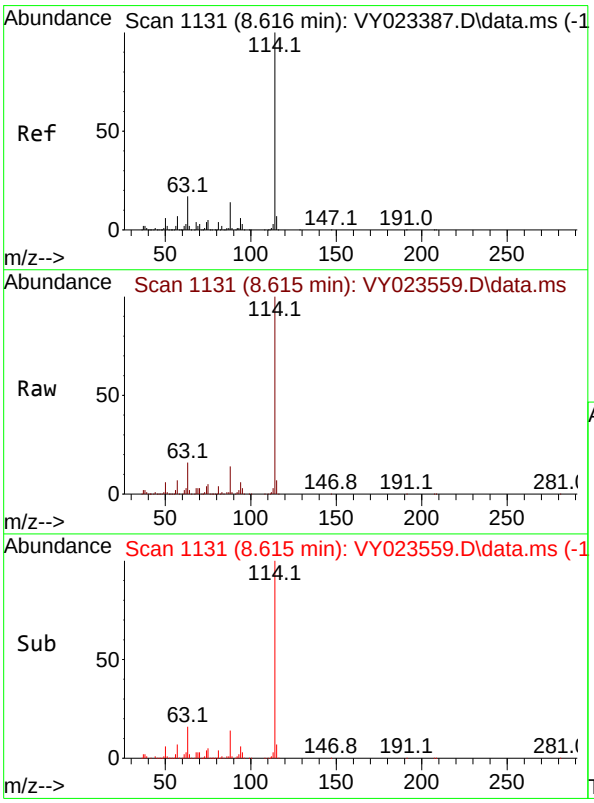
#33
1,2-Dichloroethane-d4
Concen: 44.694 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 208884

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.8

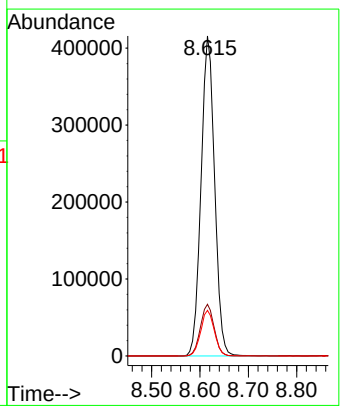


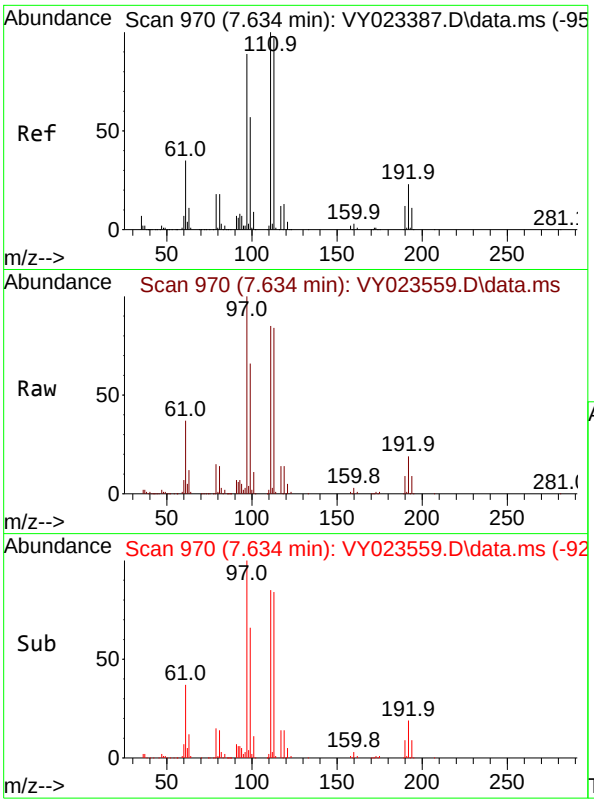


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:114 Resp: 809883

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.2
88	14.2	0.0	28.4



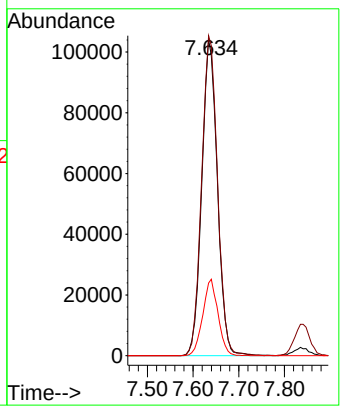


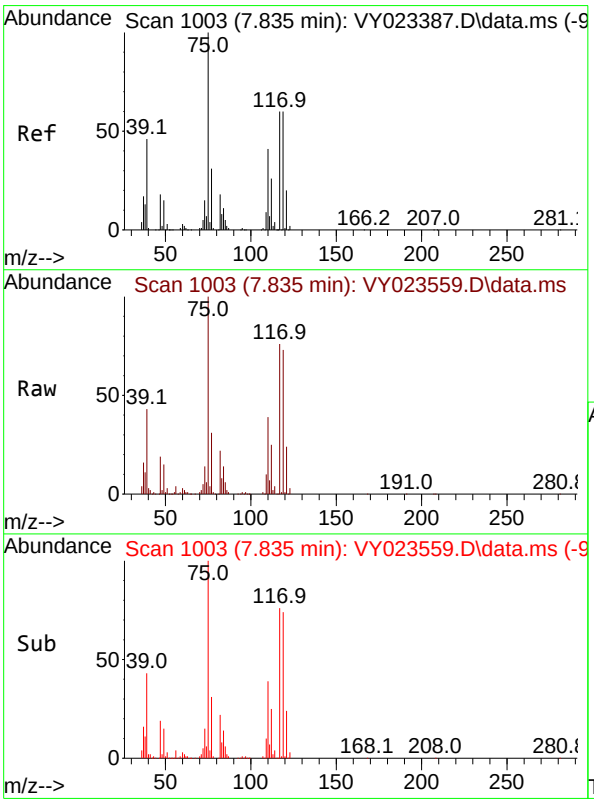
#35
Dibromofluoromethane
Concen: 49.453 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 246096

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	23.7	18.0	27.0

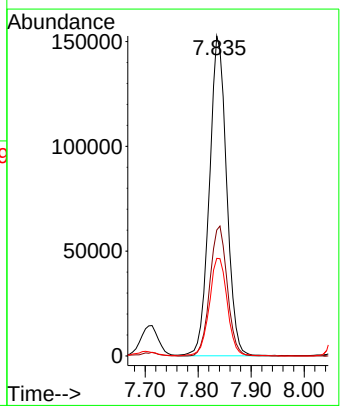


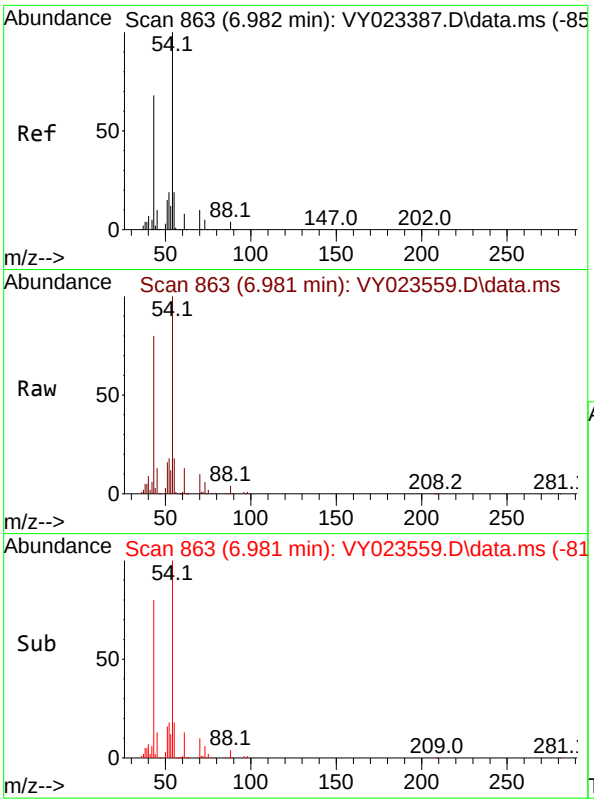


#36
1,1-Dichloropropene
Concen: 52.372 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 345033

Ion	Ratio	Lower	Upper
75	100		
110	40.9	19.9	59.7
77	31.6	25.0	37.6



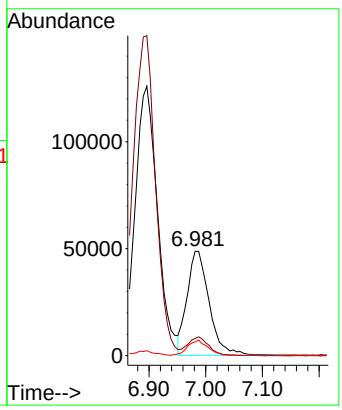


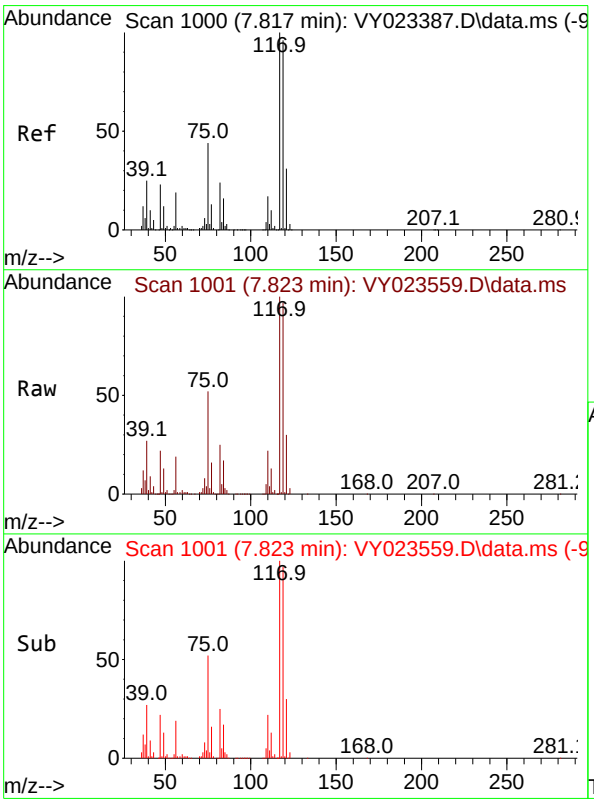
#37
Ethyl Acetate
Concen: 50.360 ug/l
RT: 6.981 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 131442

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.8
70	14.0	10.5	15.7

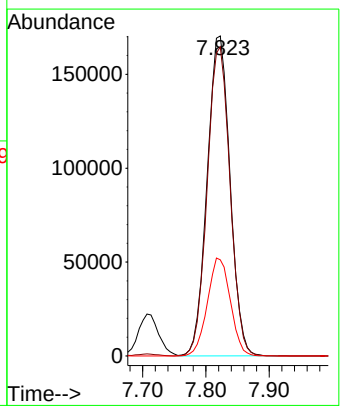


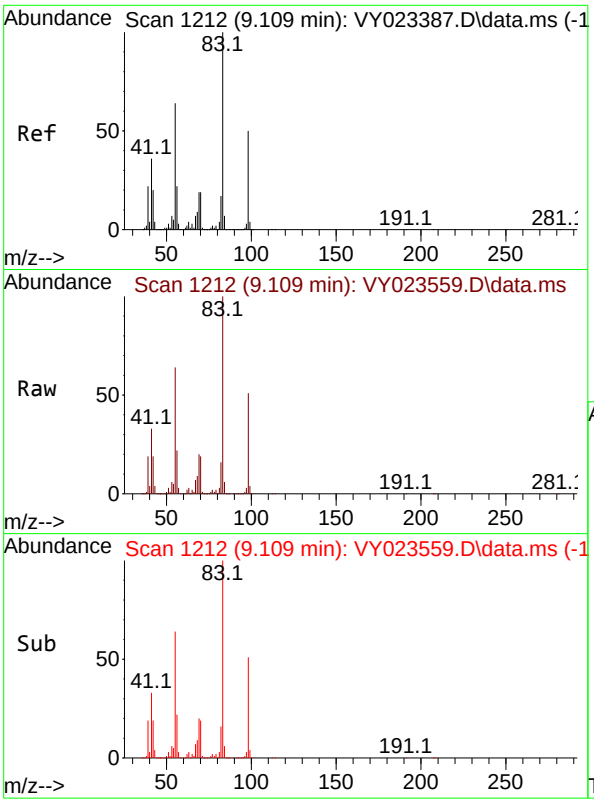


#38
Carbon Tetrachloride
Concen: 53.563 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:117 Resp: 427890

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
121	30.1	24.5	36.7



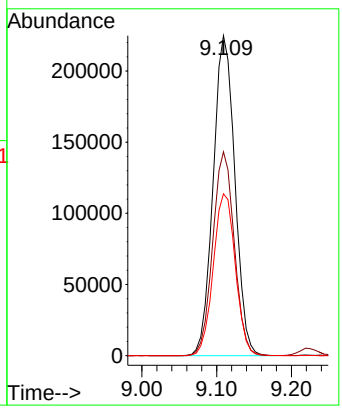


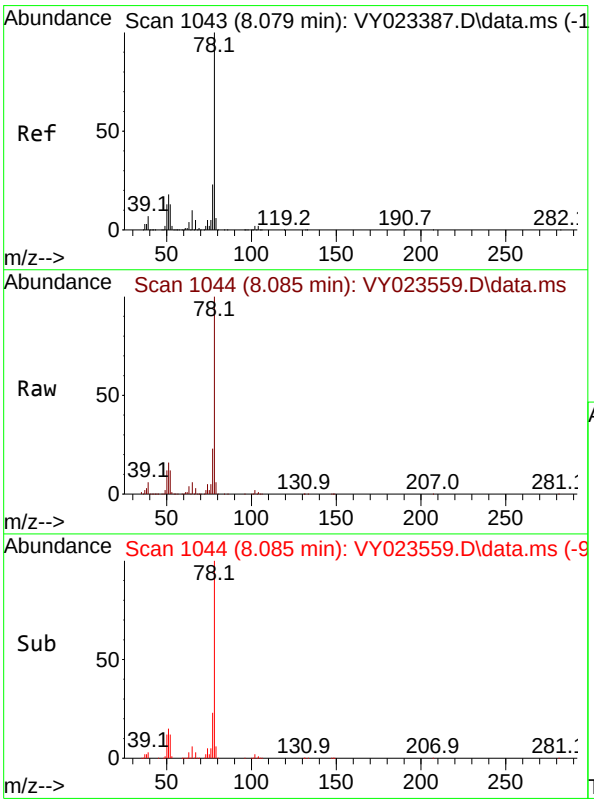
#39
Methylcyclohexane
Concen: 52.994 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 454580

Ion	Ratio	Lower	Upper
83	100		
55	63.7	51.4	77.2
98	50.6	40.4	60.6

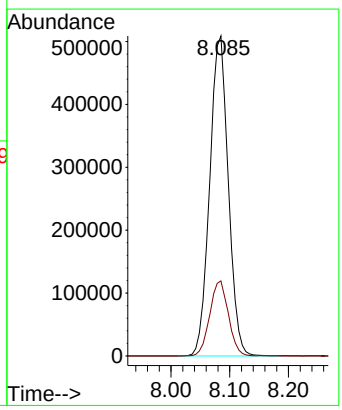


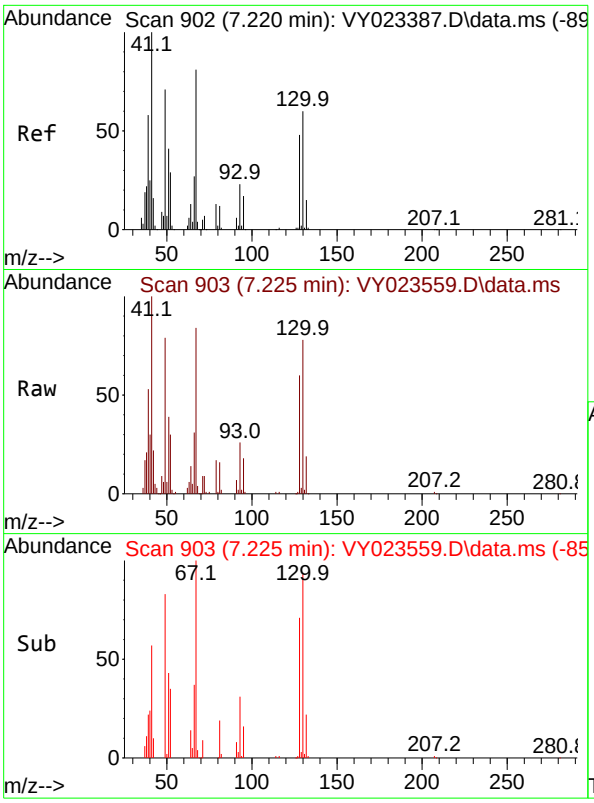


#40
Benzene
Concen: 53.575 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 78 Resp: 1117791

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5



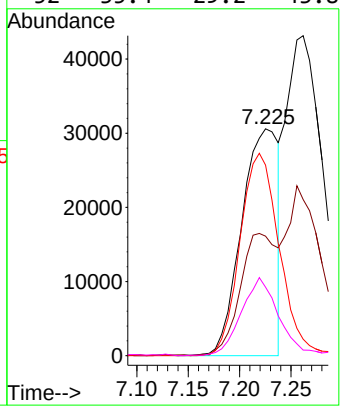


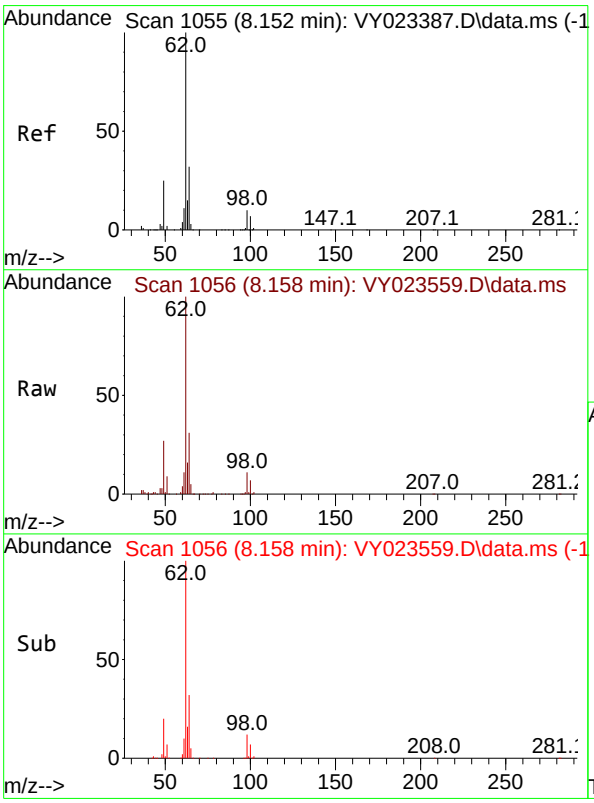
#41
Methacrylonitrile
Concen: 54.008 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 76239

Ion	Ratio	Lower	Upper
41	100		
39	53.8	52.2	78.4
67	95.9	74.9	112.3
52	35.4	29.2	43.8

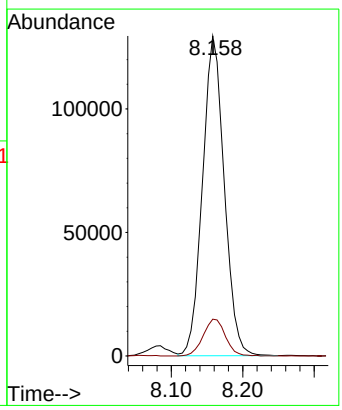


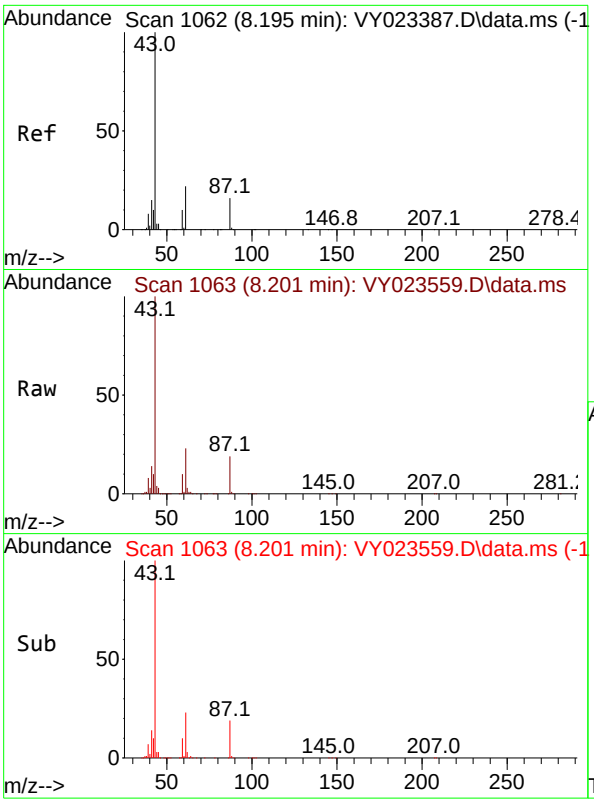


#42
1,2-Dichloroethane
Concen: 50.864 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 62 Resp: 273693

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6



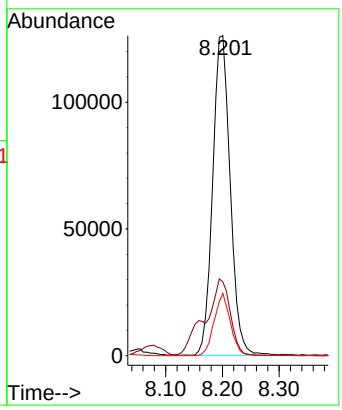


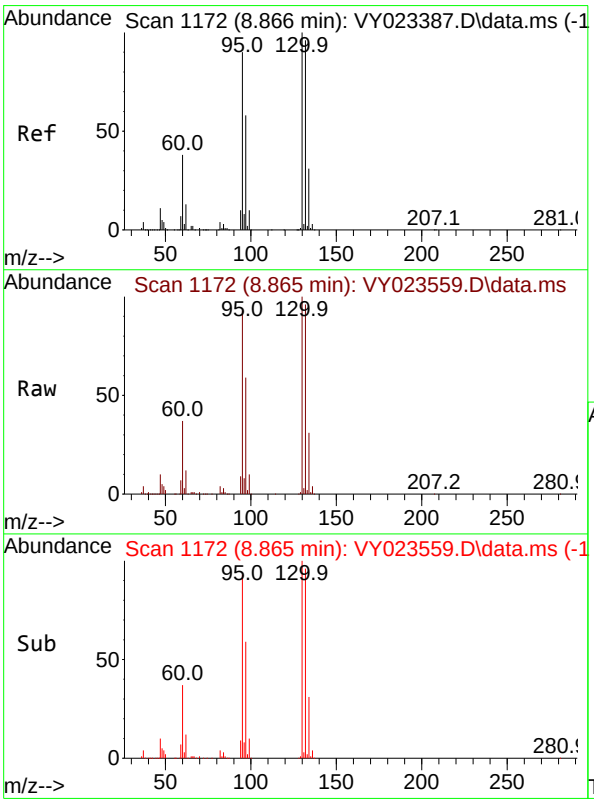
#43
Isopropyl Acetate
Concen: 52.107 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 271189

Ion	Ratio	Lower	Upper
43	100		
61	34.4	18.1	27.1#
87	18.0	13.5	20.3

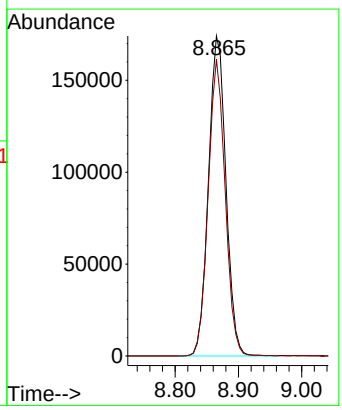


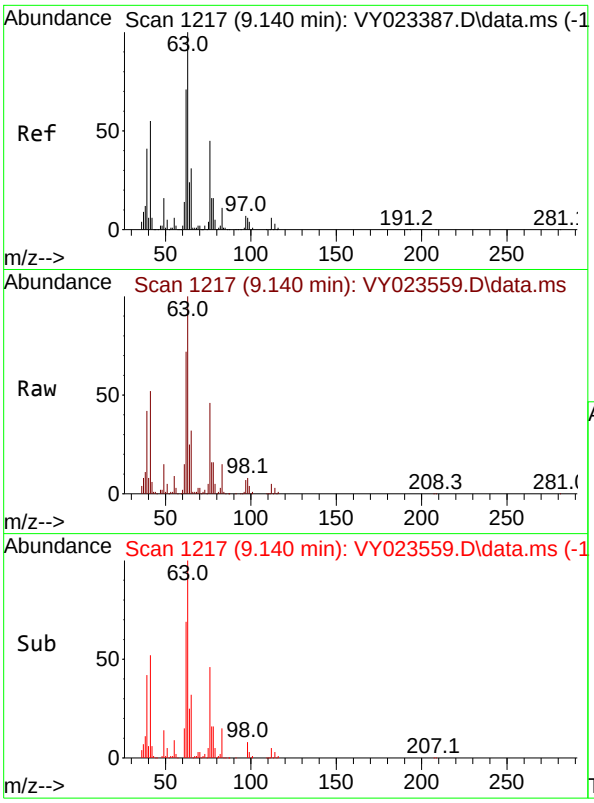


#44
Trichloroethene
Concen: 54.817 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:130 Resp: 334751

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	180.6



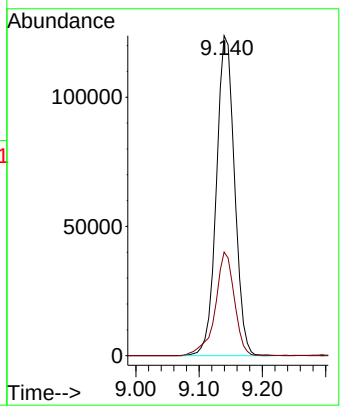


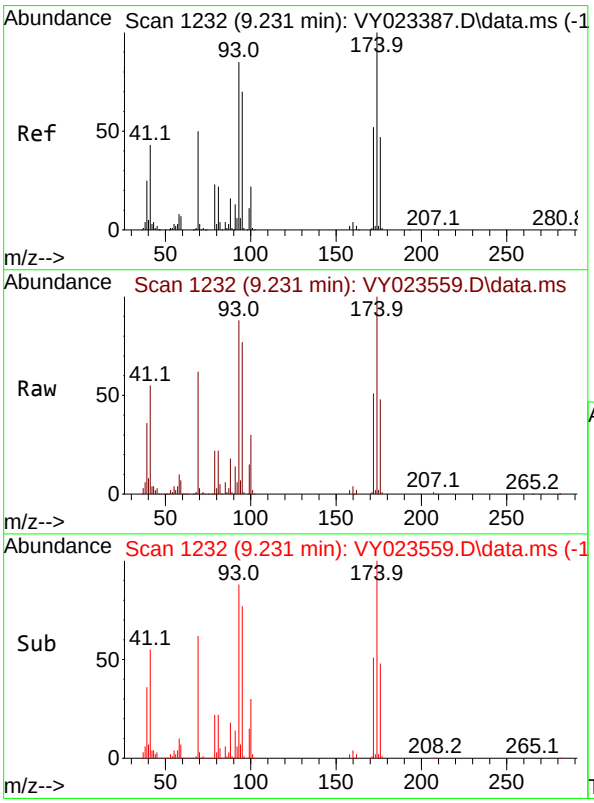
#45
1,2-Dichloropropane
Concen: 53.397 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 246074

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.9	37.3

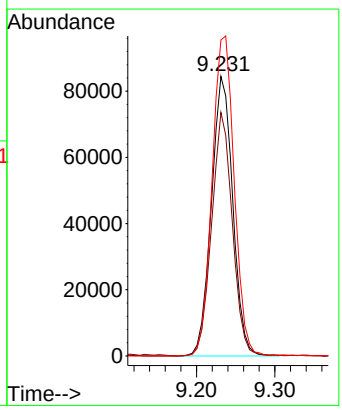


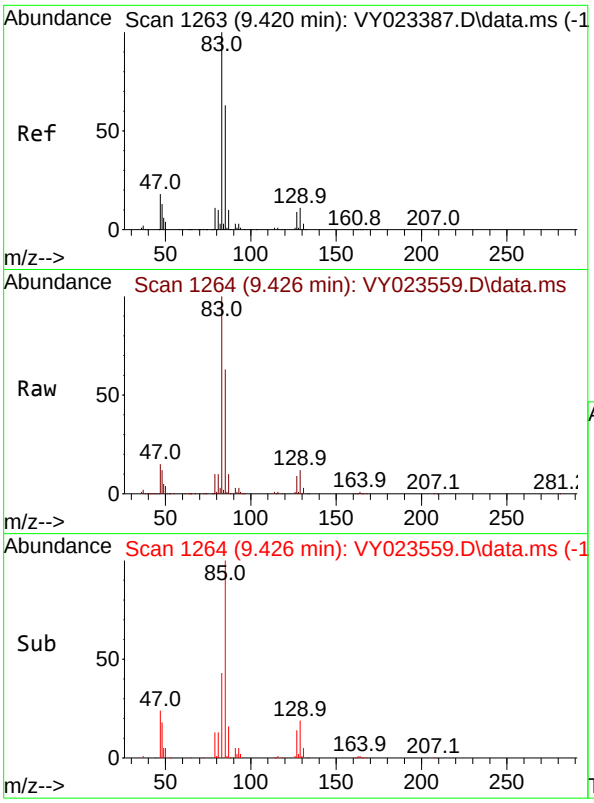


#46
Dibromomethane
Concen: 54.988 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 93 Resp: 160236

Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.4	98.0
174	118.2	92.9	139.3



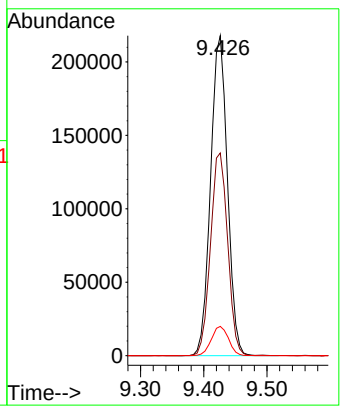


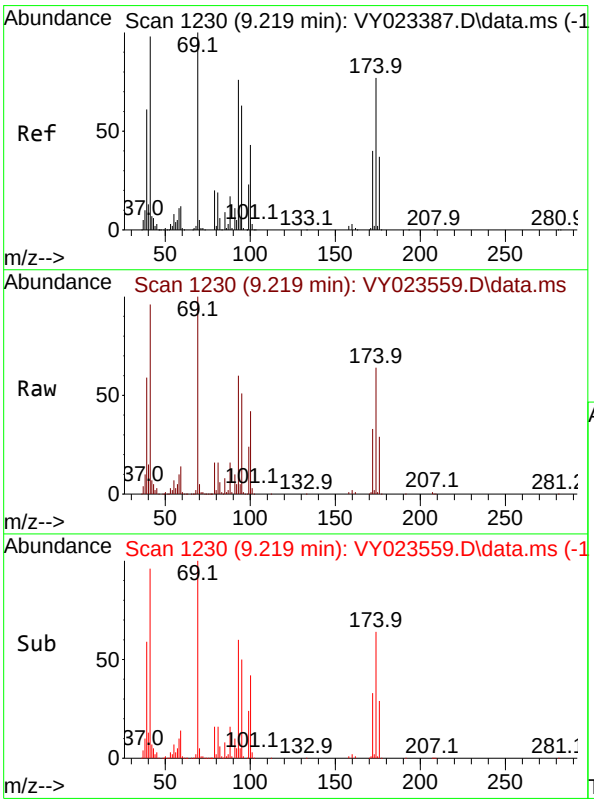
#47
Bromodichloromethane
Concen: 54.883 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 402796

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.8	76.2
127	9.1	7.4	11.2

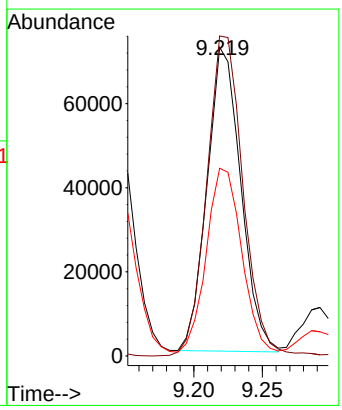


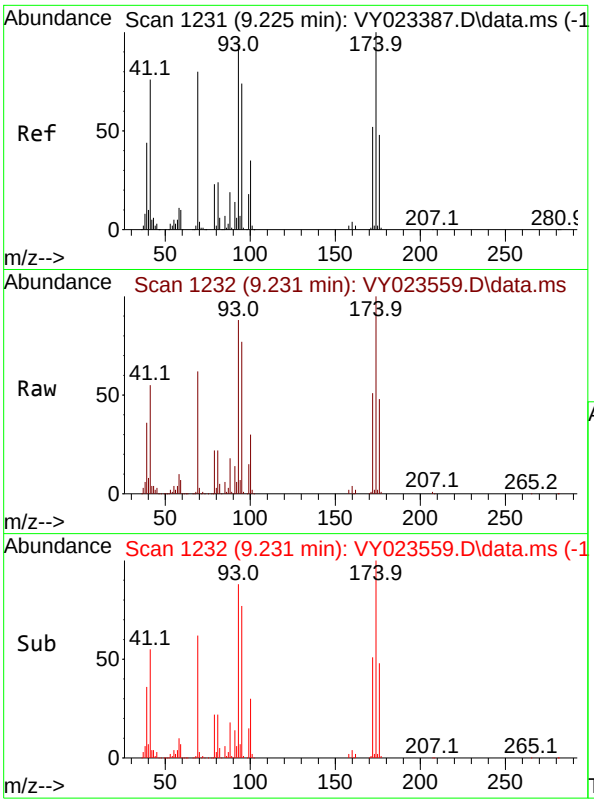


#48
Methyl methacrylate
Concen: 50.755 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 41 Resp: 124097

Ion	Ratio	Lower	Upper
41	100		
69	113.4	81.0	121.4
39	65.5	48.2	72.4



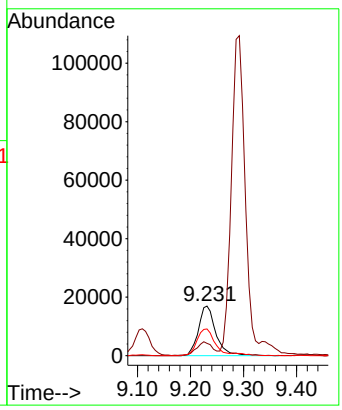


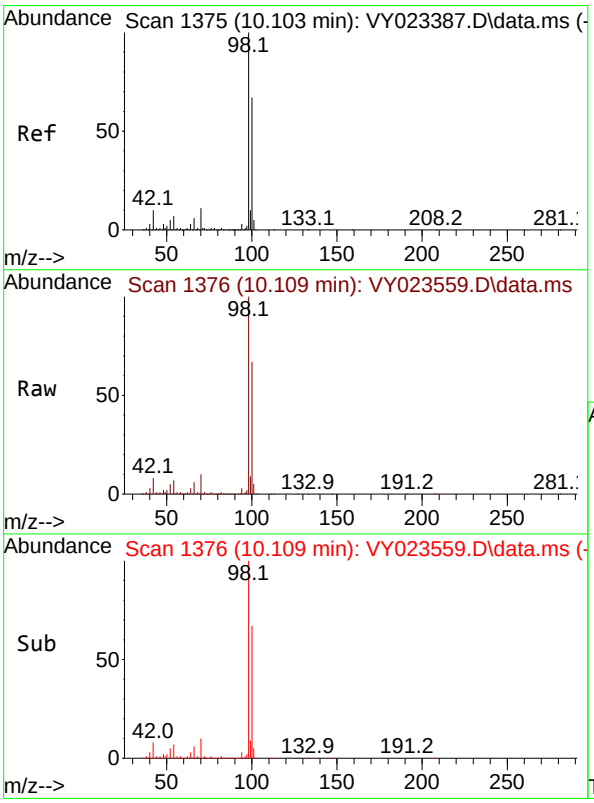
#49
1,4-Dioxane
Concen: 1146.304 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 38729

Ion	Ratio	Lower	Upper
88	100		
43	24.0	21.8	32.8
58	54.3	46.8	70.2

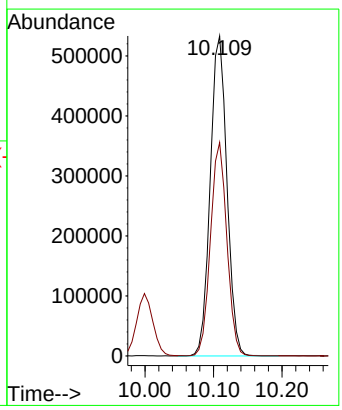


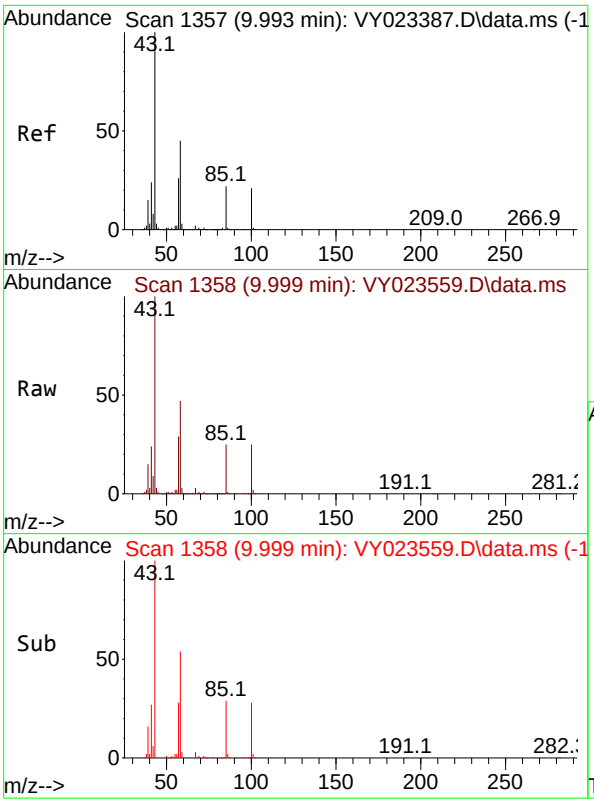


#50
Toluene-d8
Concen: 48.722 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 98 Resp: 902938

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4



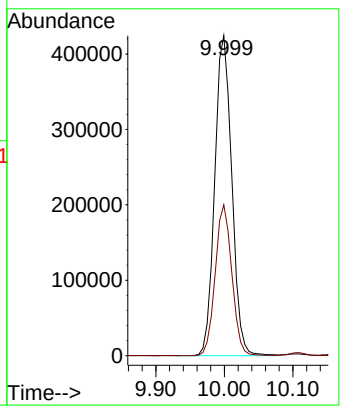


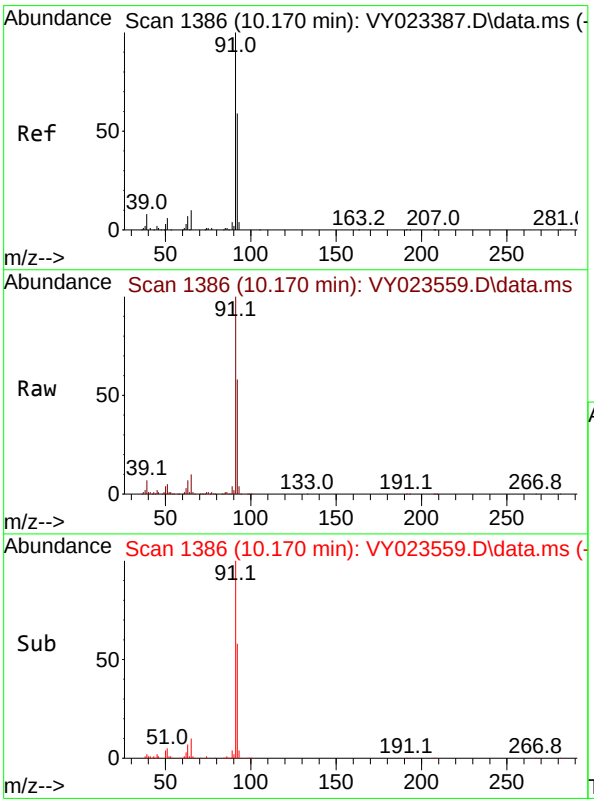
#51
4-Methyl-2-Pentanone
Concen: 272.142 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 731786

Ion	Ratio	Lower	Upper
43	100		
58	46.0	35.3	52.9

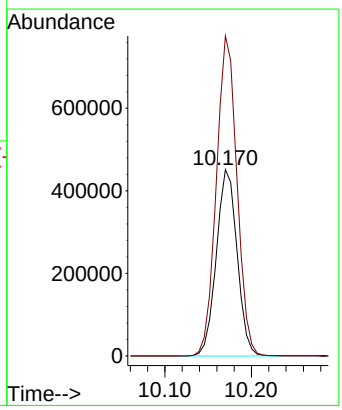


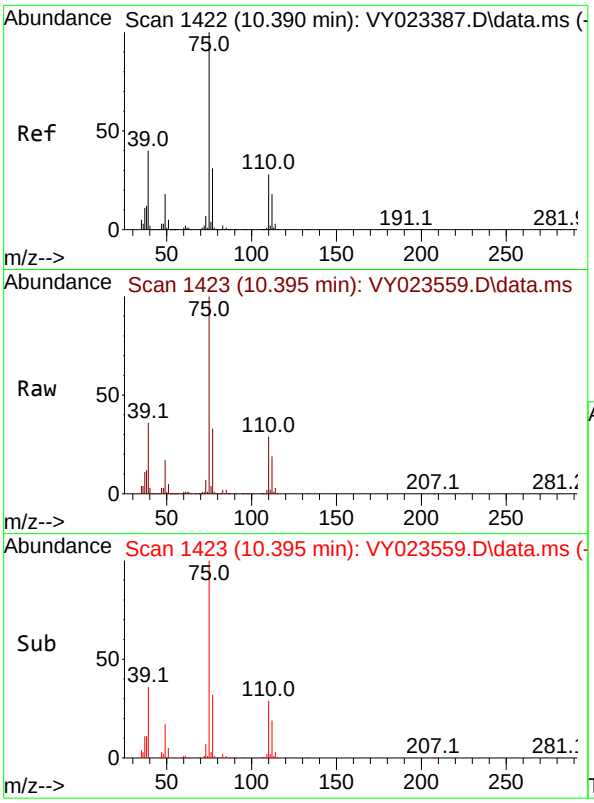


#52
Toluene
Concen: 55.476 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 92 Resp: 751520

Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.4	204.6



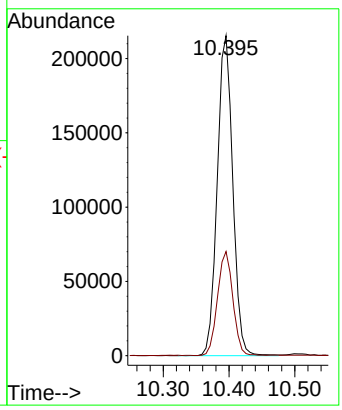


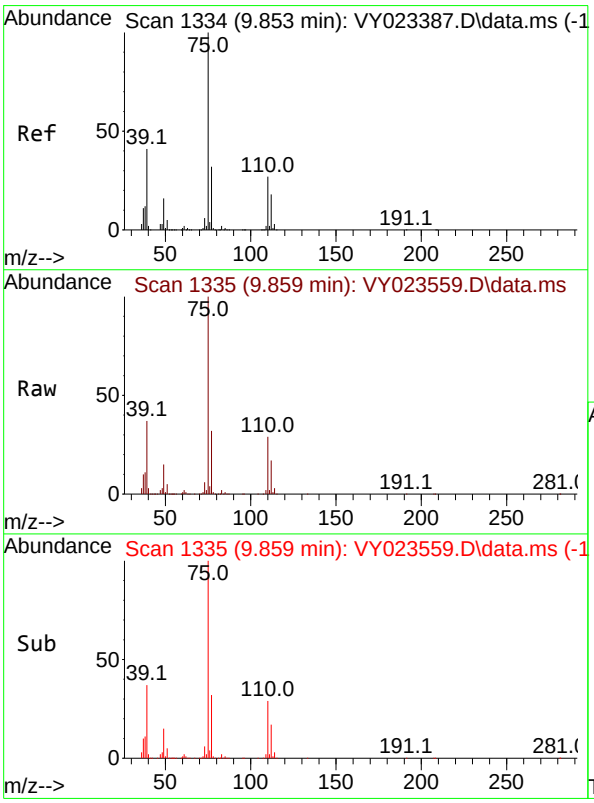
#53
t-1,3-Dichloropropene
Concen: 55.385 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 353434

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7

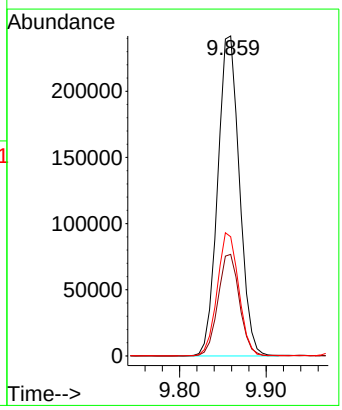


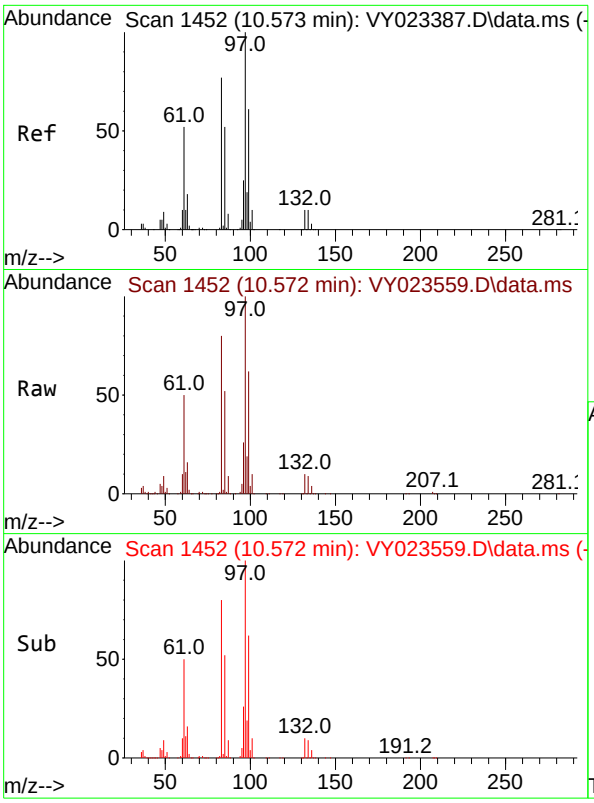


#54
cis-1,3-Dichloropropene
Concen: 55.911 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 421103

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	37.2	32.8	49.2



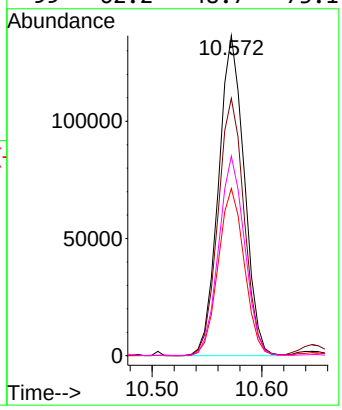


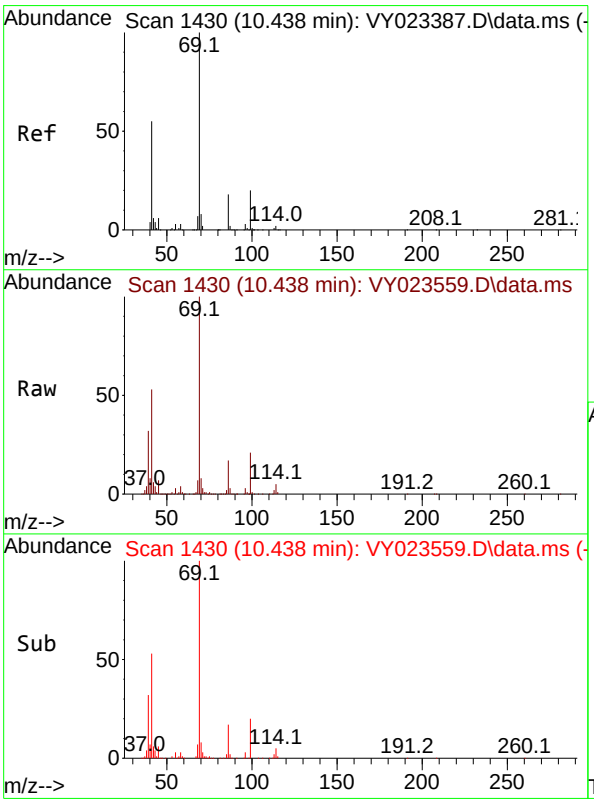
#55
1,1,2-Trichloroethane
Concen: 56.837 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 222722

Ion	Ratio	Lower	Upper
97	100		
83	80.4	61.8	92.6
85	52.2	41.3	61.9
99	62.2	48.7	73.1

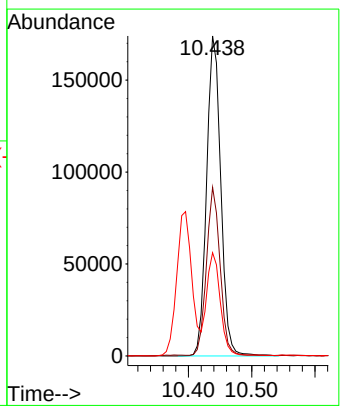


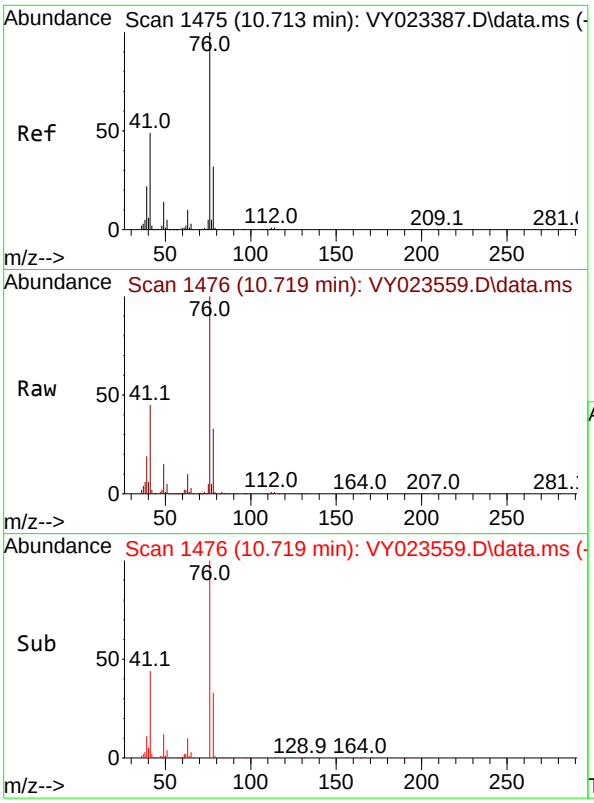


#56
Ethyl methacrylate
Concen: 60.107 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 69 Resp: 271697

Ion	Ratio	Lower	Upper
69	100		
41	50.3	44.6	67.0
39	30.8	27.0	40.4



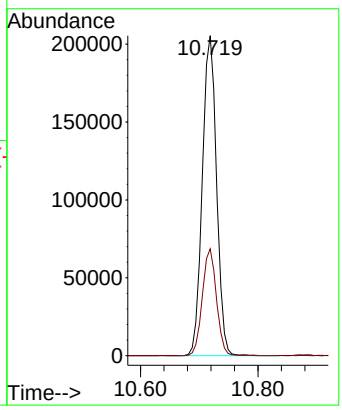


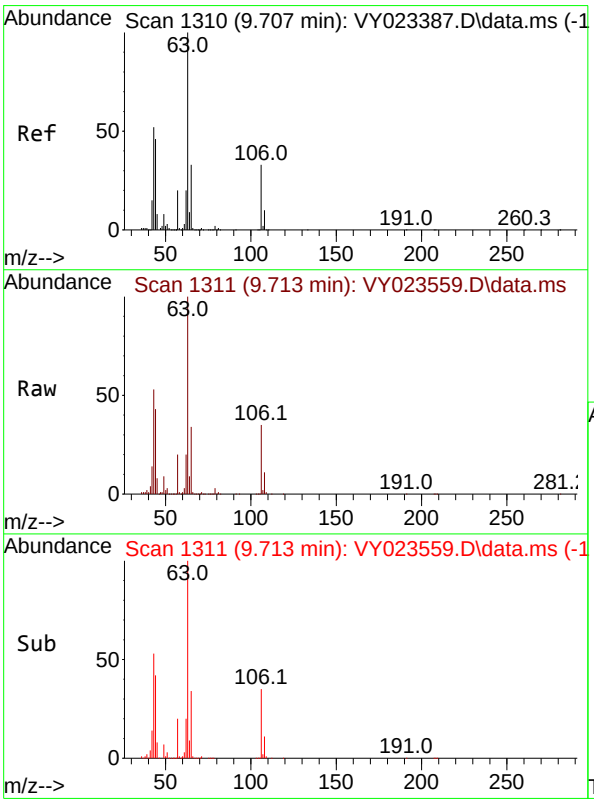
#57
1,3-Dichloropropane
Concen: 55.727 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 346039

Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

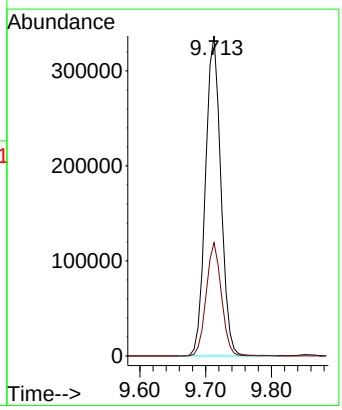


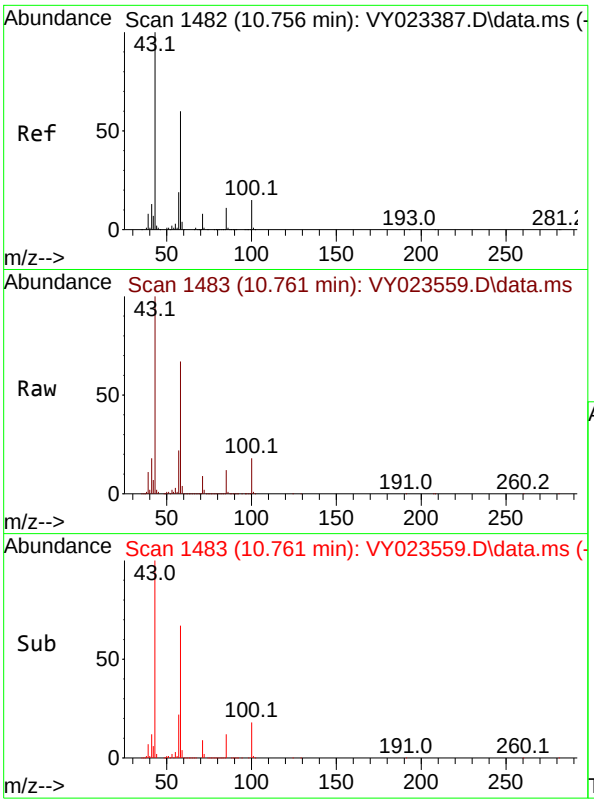


#58
2-Chloroethyl Vinyl ether
Concen: 270.556 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 63 Resp: 547857

Ion	Ratio	Lower	Upper
63	100		
106	34.9	26.6	39.8



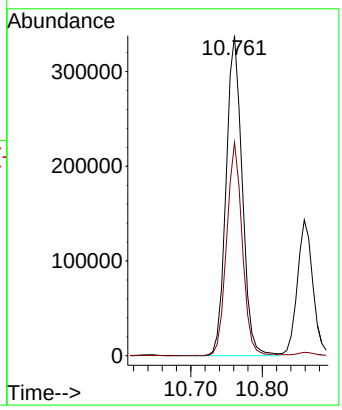


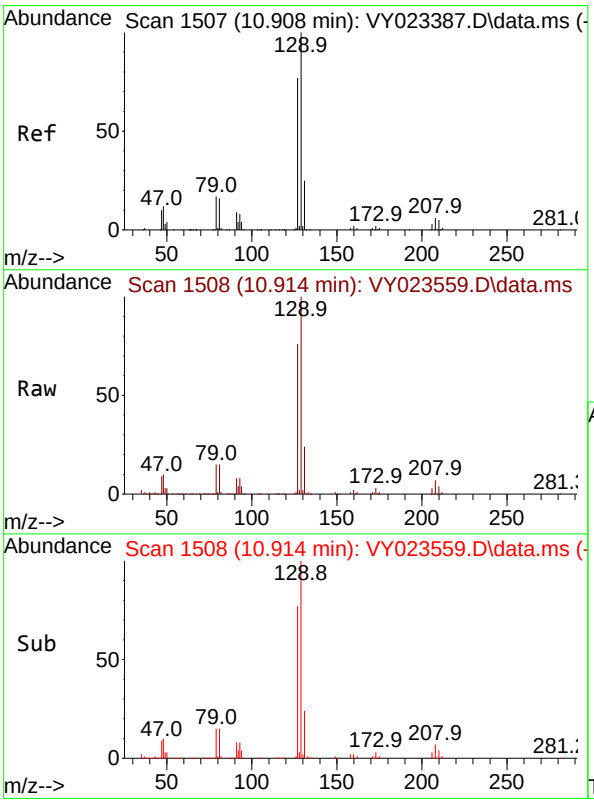
#59
2-Hexanone
Concen: 275.001 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 528461

Ion	Ratio	Lower	Upper
43	100		
58	64.6	30.5	91.5

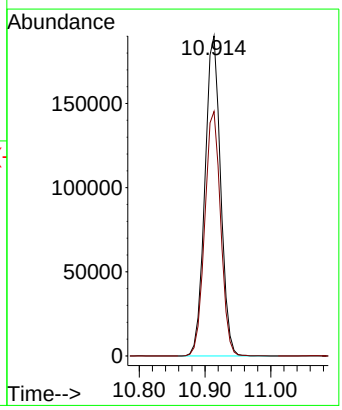


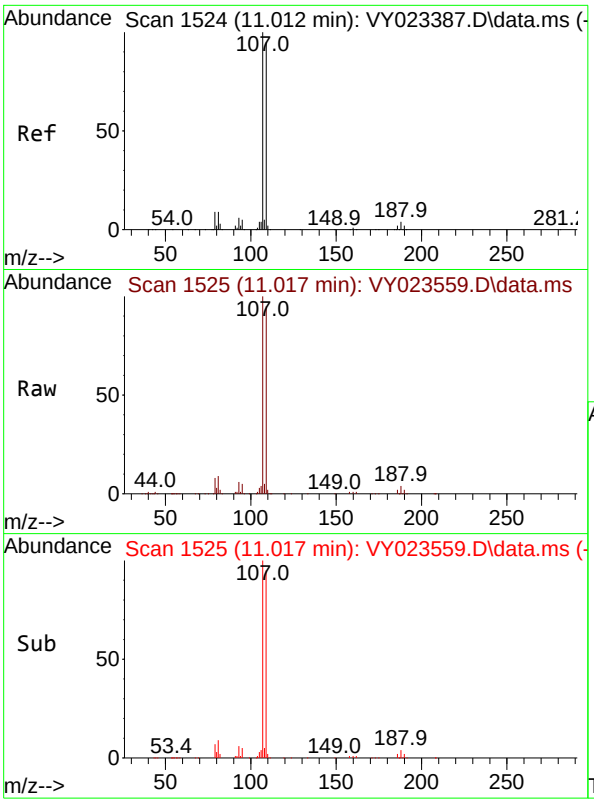


#60
Dibromochloromethane
Concen: 57.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:129 Resp: 315067

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7



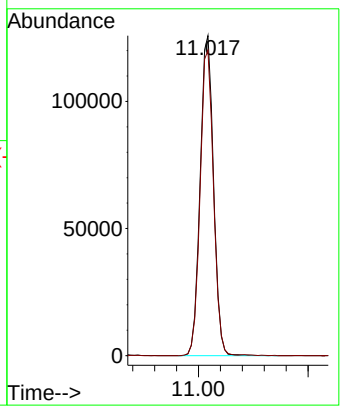


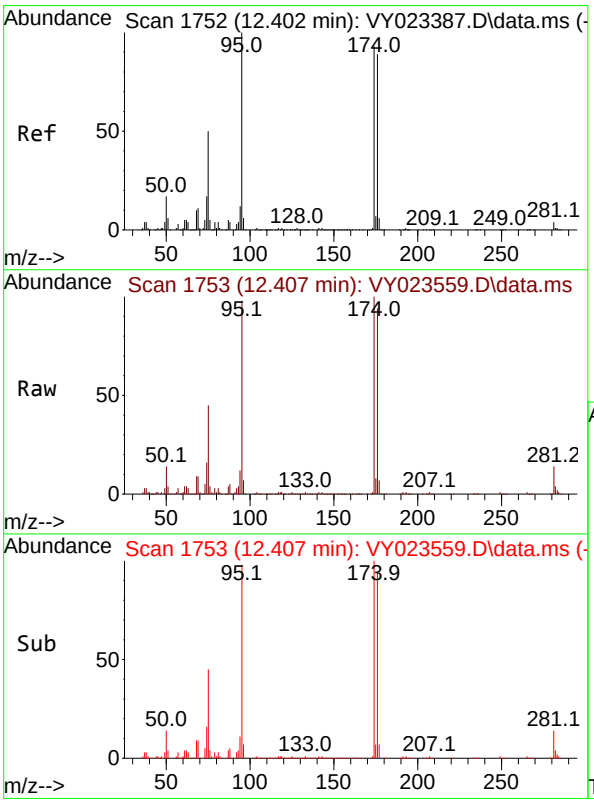
#61
1,2-Dibromoethane
Concen: 57.024 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 213108

Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.1	114.1

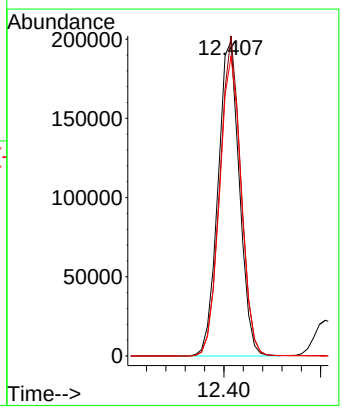


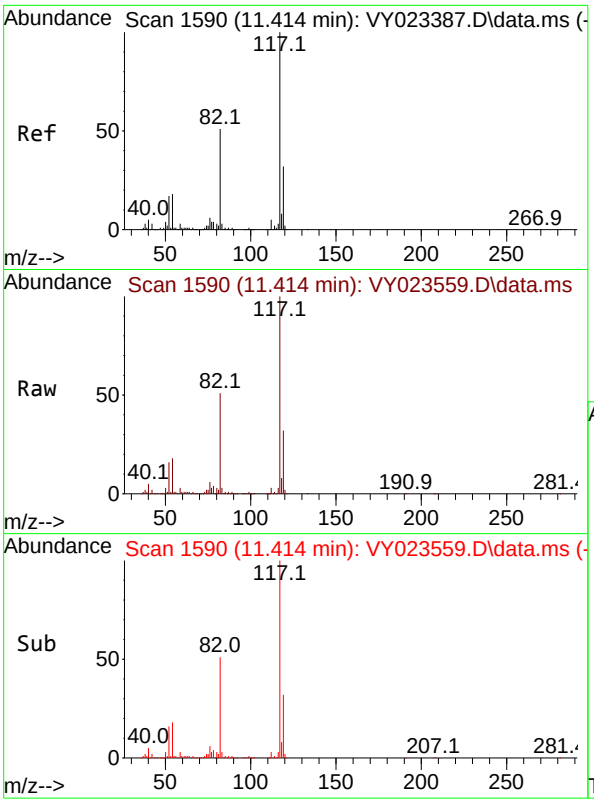


#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 95 Resp: 304706

Ion	Ratio	Lower	Upper
95	100		
174	99.5	0.0	192.8
176	96.3	0.0	187.6



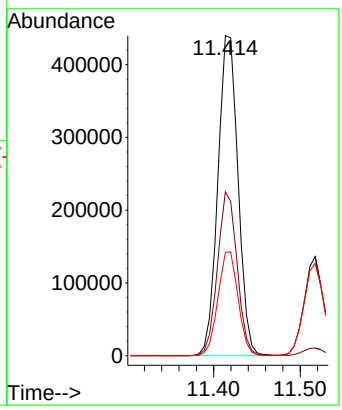


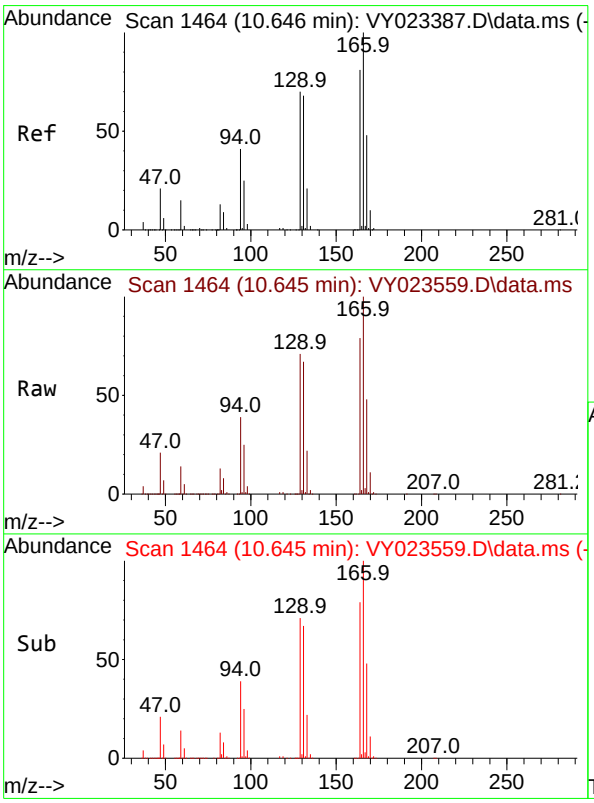
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 712621

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	32.3	25.6	38.4

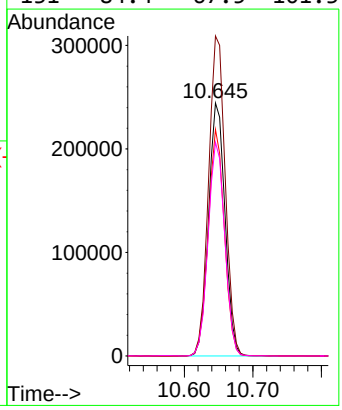


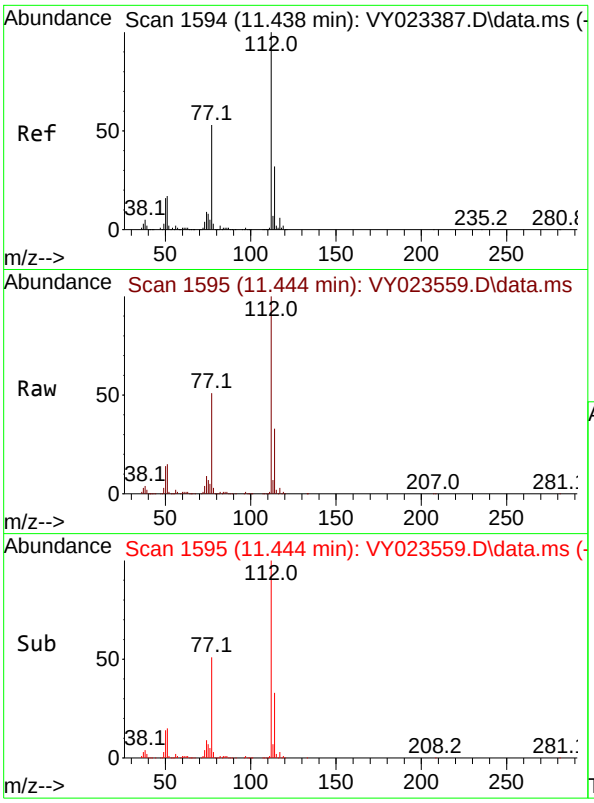


#64
Tetrachloroethene
Concen: 55.753 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:164 Resp: 410235

Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.4	149.0
129	89.5	69.4	104.2
131	84.4	67.5	101.3



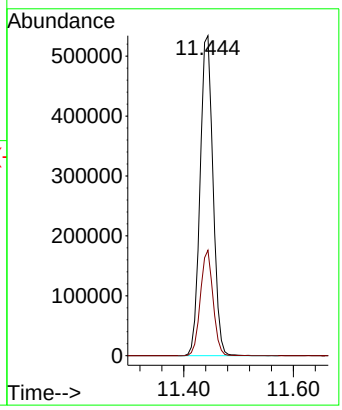


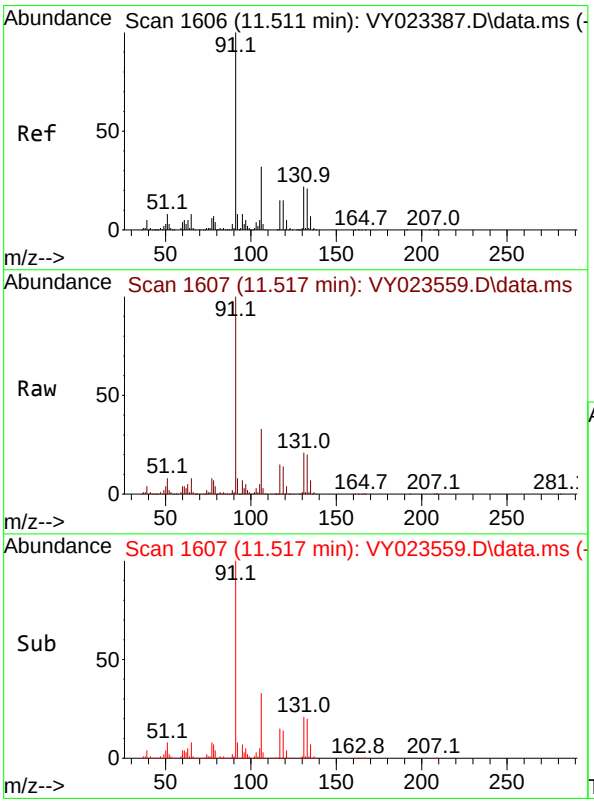
#65
Chlorobenzene
Concen: 56.267 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 872090

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.6	38.4

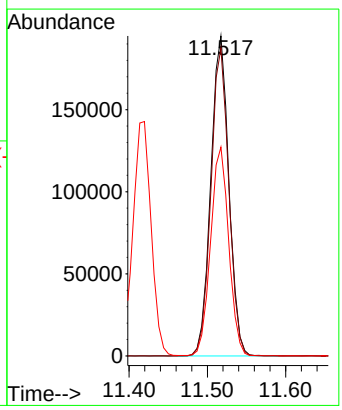


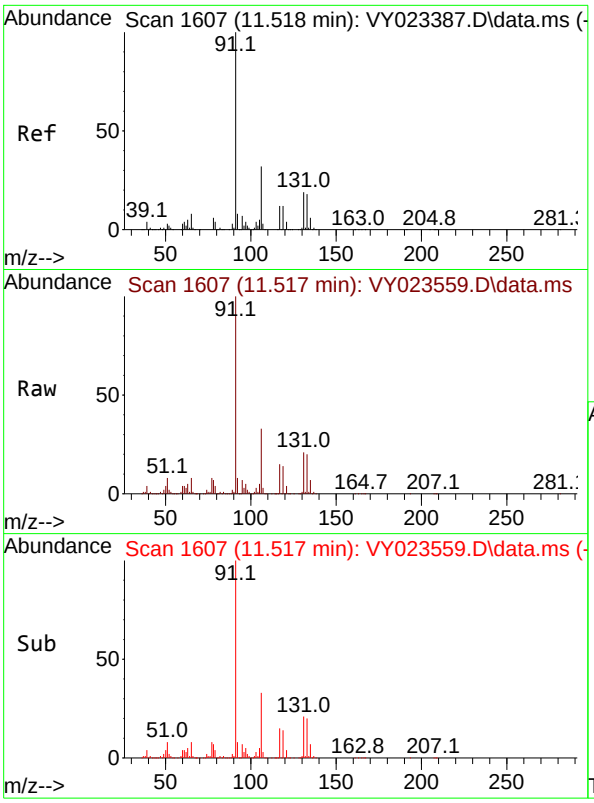


#66
1,1,1,2-Tetrachloroethane
Concen: 56.479 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:131 Resp: 311946

Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.4	145.2
119	65.6	32.4	97.2



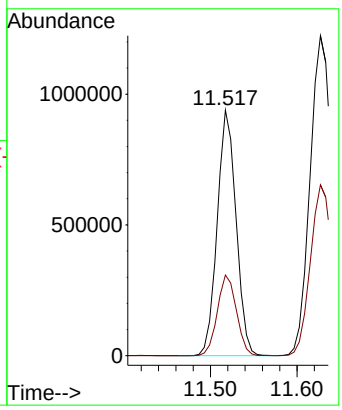


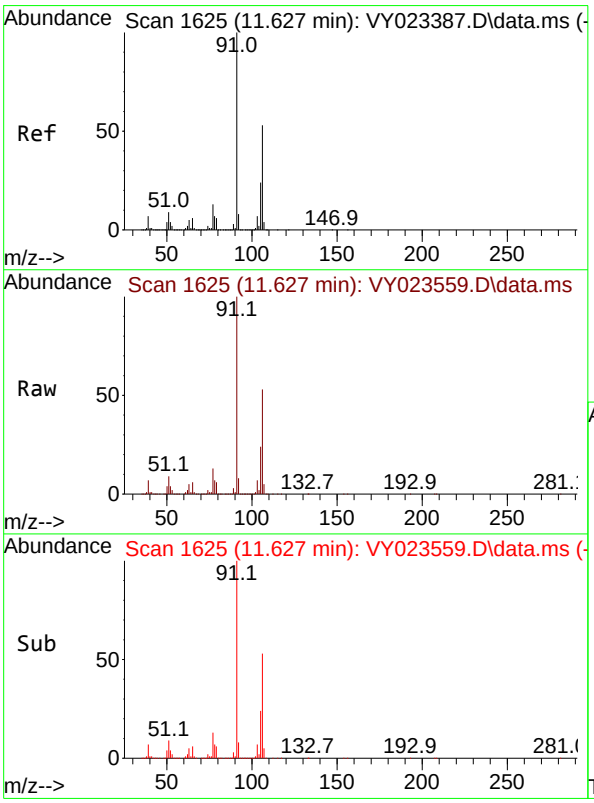
#67
Ethyl Benzene
Concen: 56.546 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1418642

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.8	38.8

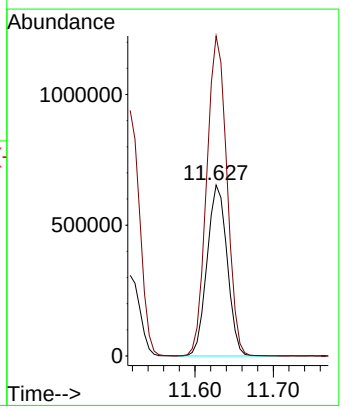


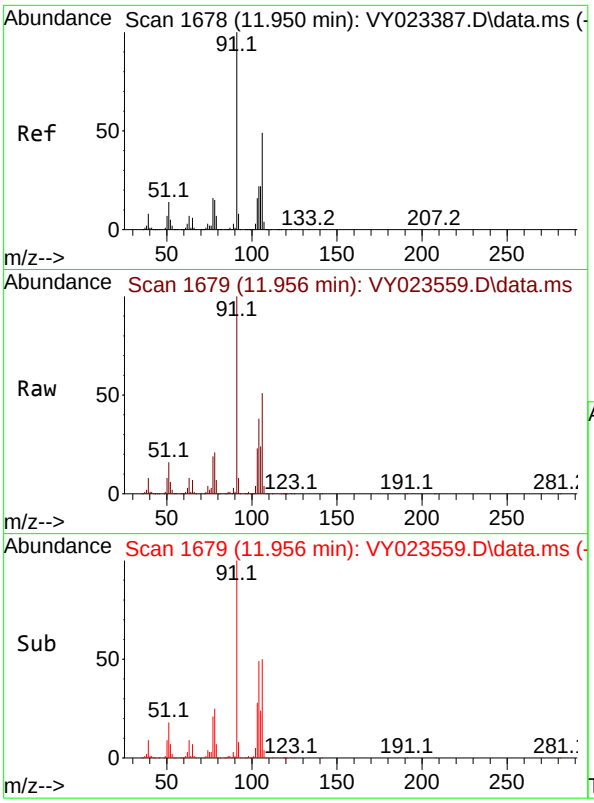


#68
m/p-Xylenes
Concen: 115.537 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:106 Resp: 1162639

Ion	Ratio	Lower	Upper
106	100		
91	188.2	152.6	229.0



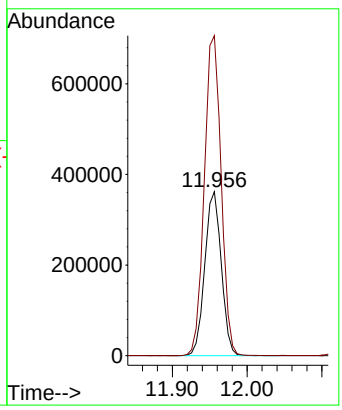


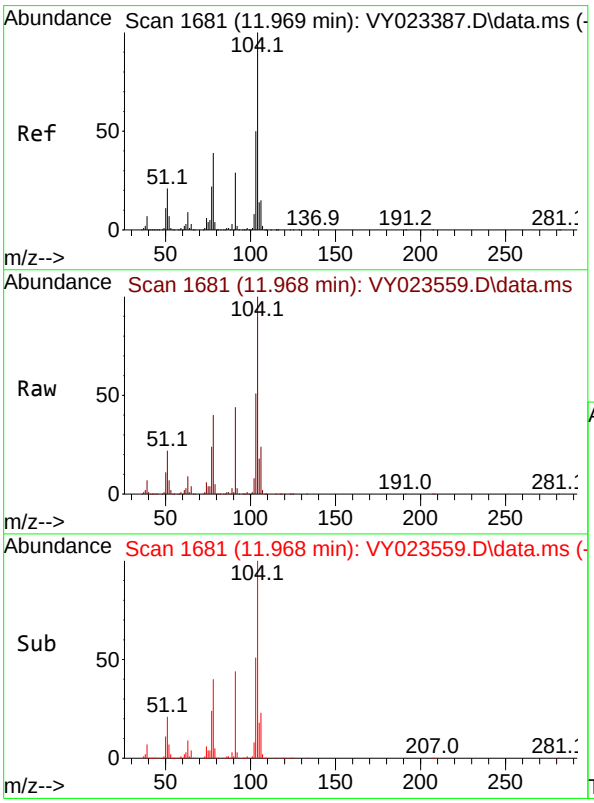
#69
o-Xylene
Concen: 58.810 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 555086

Ion	Ratio	Lower	Upper
106	100		
91	198.6	101.4	304.1

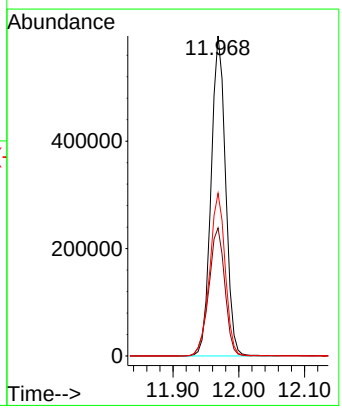


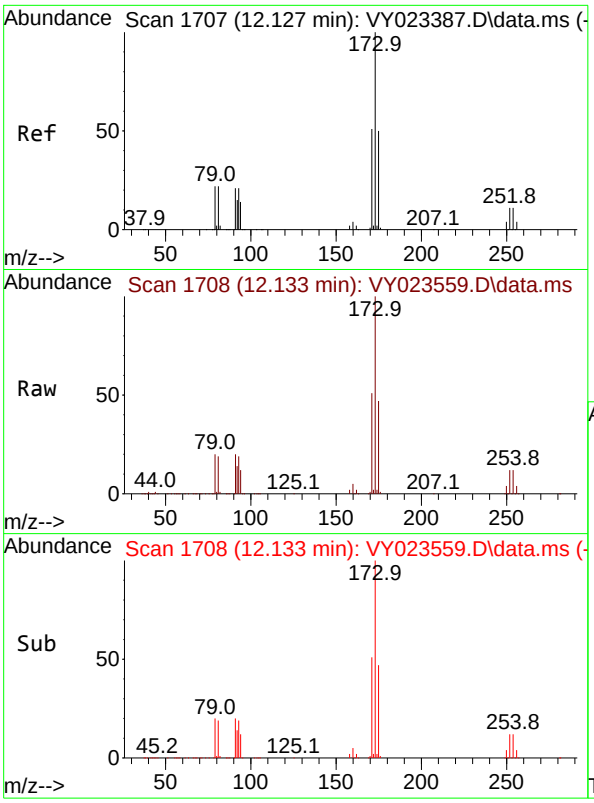


#70
Styrene
Concen: 58.986 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:104 Resp: 915552

Ion	Ratio	Lower	Upper
104	100		
78	44.1	36.1	54.1
103	54.3	43.2	64.8



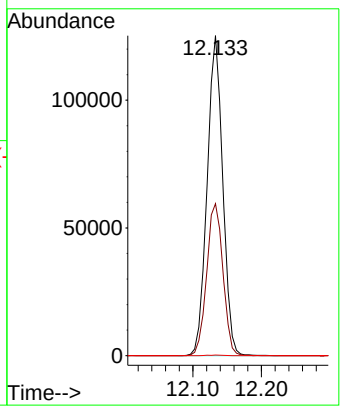


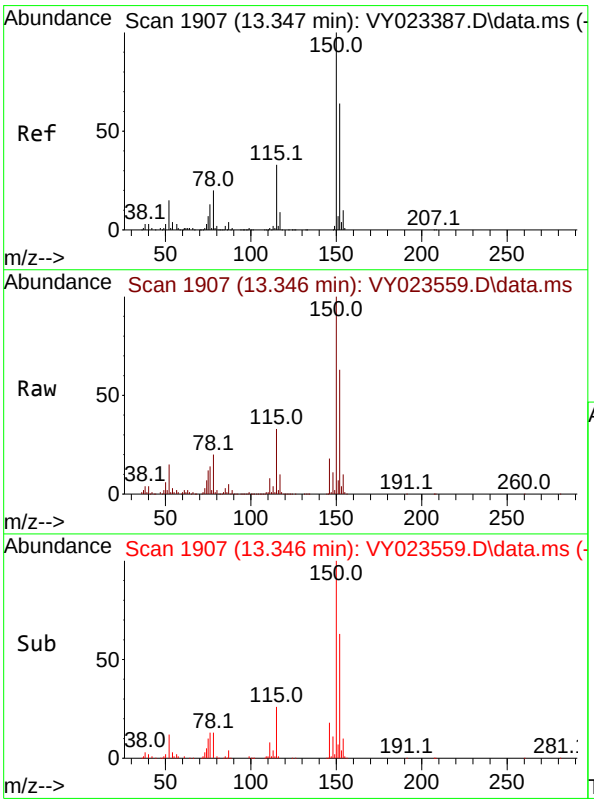
#71
Bromoform
Concen: 57.877 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 198287

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.8	74.3
254	0.2	0.1	0.1#

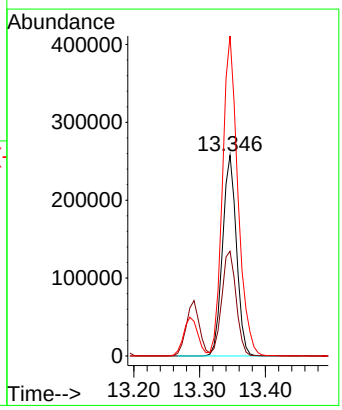


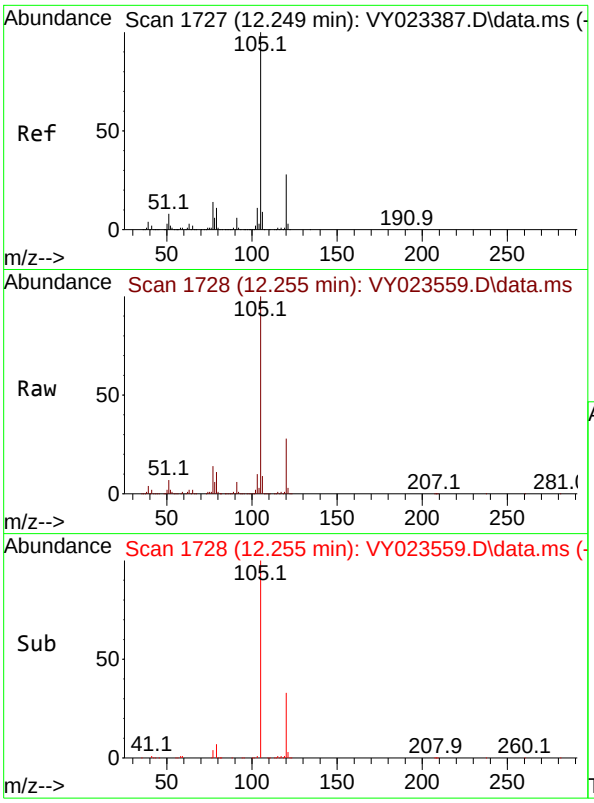


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:152 Resp: 380279

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	177.0	0.0	347.4



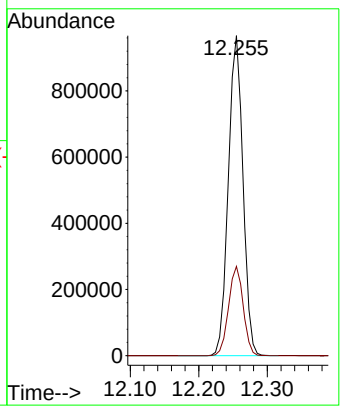


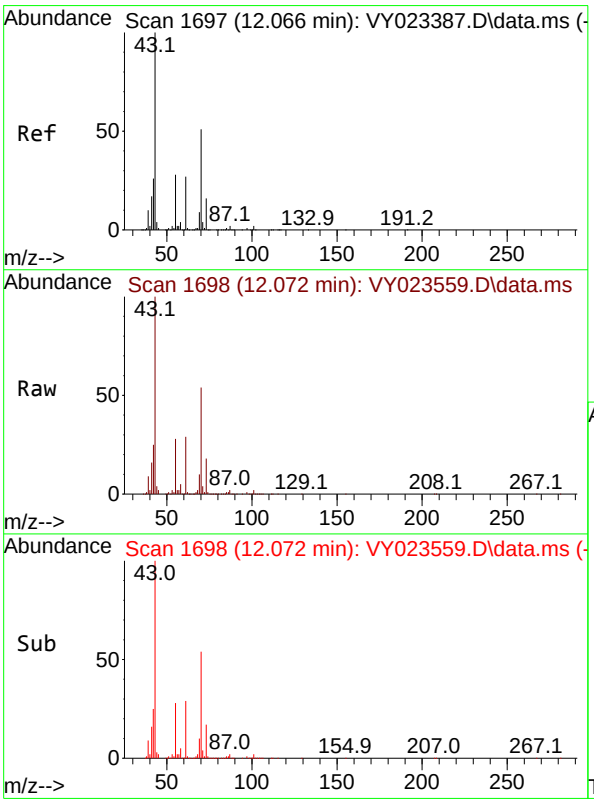
#73
Isopropylbenzene
Concen: 56.959 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1427449

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7

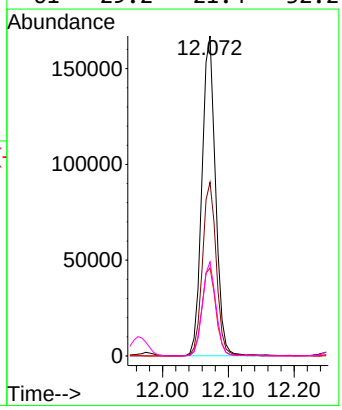


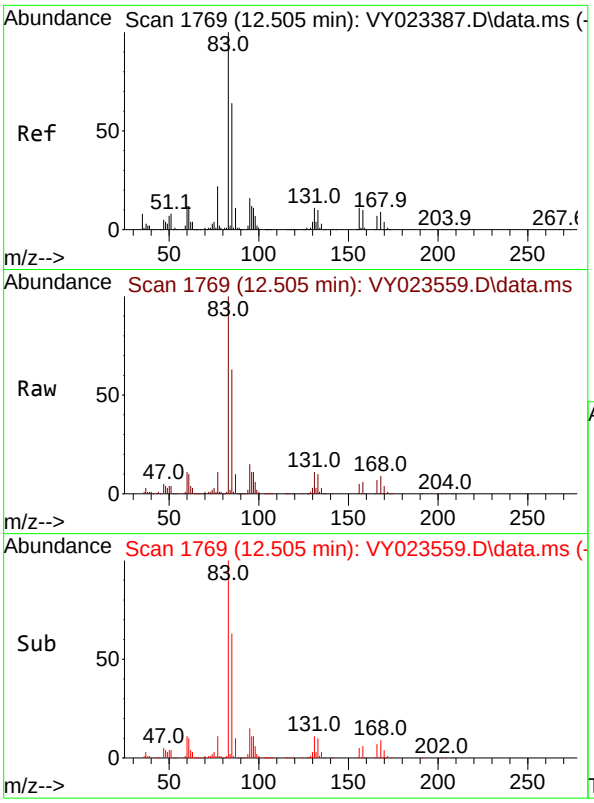


#74
N-amyl acetate
Concen: 53.438 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 43 Resp: 240539

Ion	Ratio	Lower	Upper
43	100		
70	55.3	41.1	61.7
55	28.4	23.0	34.6
61	29.2	21.4	32.2



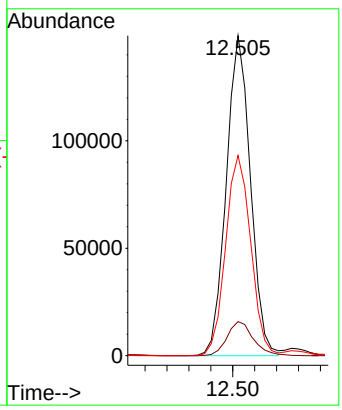


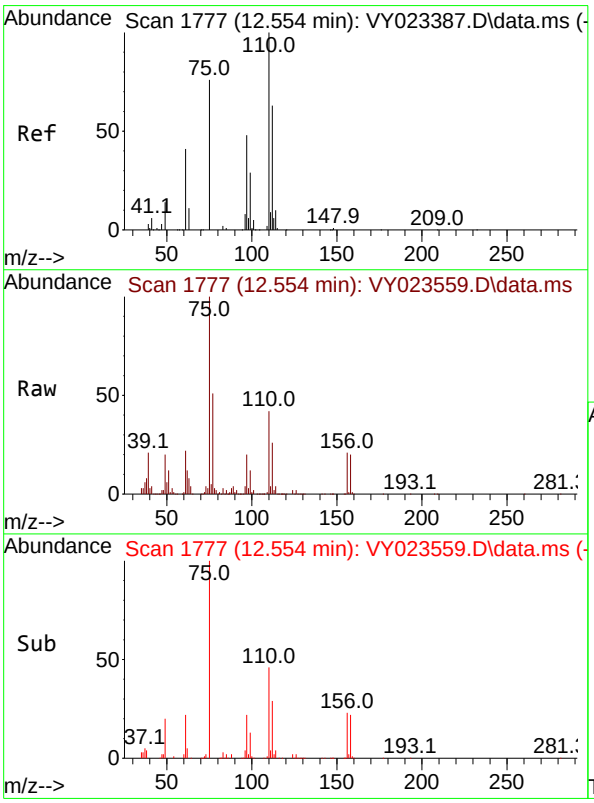
#75
1,1,2,2-Tetrachloroethane
Concen: 55.639 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 228057

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.6
85	65.0	31.8	95.3

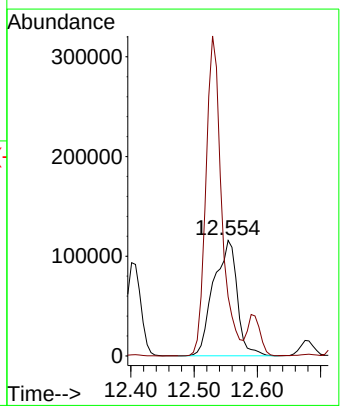


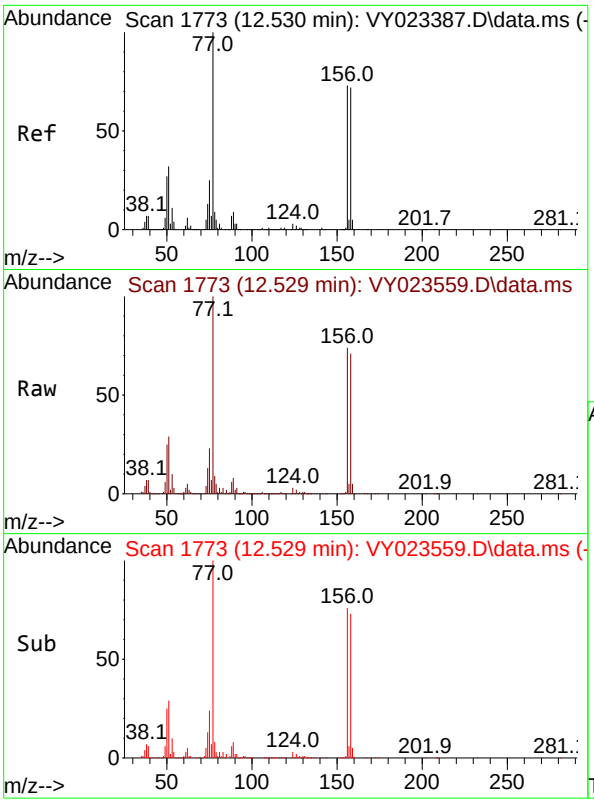


#76
1,2,3-Trichloropropane
Concen: 89.360 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 299810

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



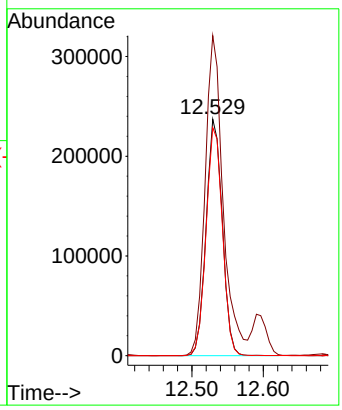


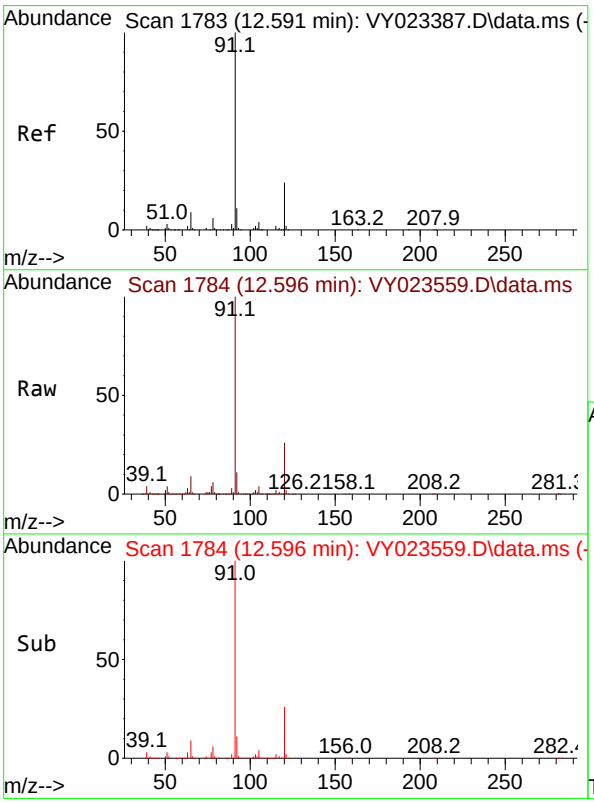
#77
Bromobenzene
Concen: 55.922 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 372577

Ion	Ratio	Lower	Upper
156	100		
77	150.5	76.8	230.5
158	97.8	49.0	147.2

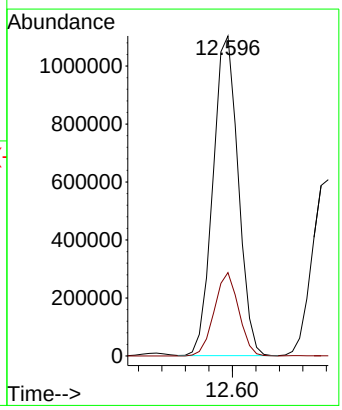


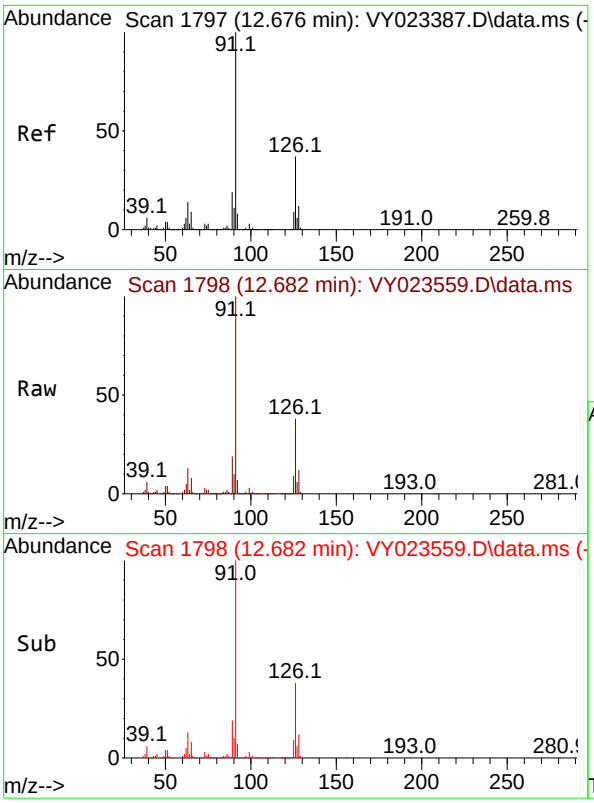


#78
n-propylbenzene
Concen: 56.707 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 1644549

Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.3	36.8



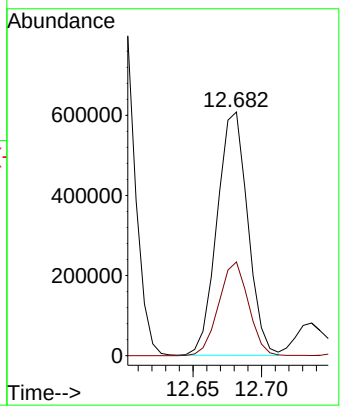


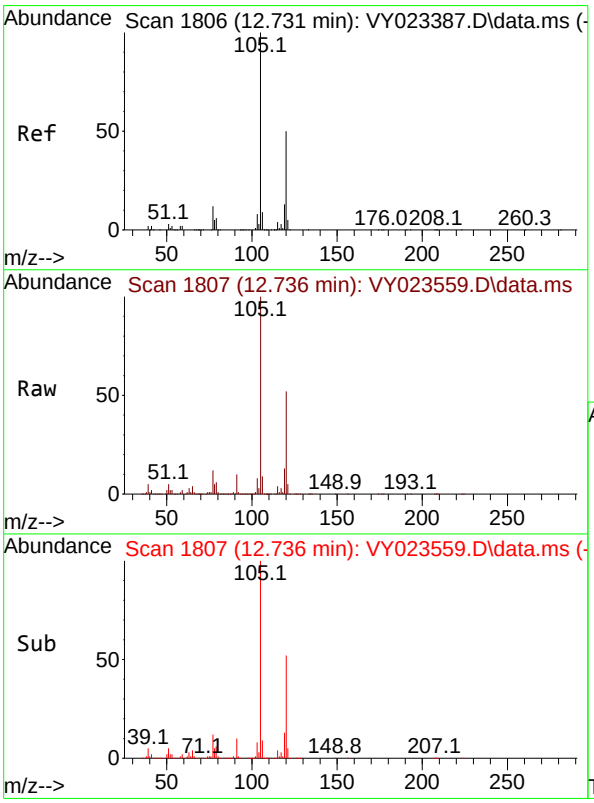
#79
2-Chlorotoluene
Concen: 55.795 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 947547

Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.5	55.5

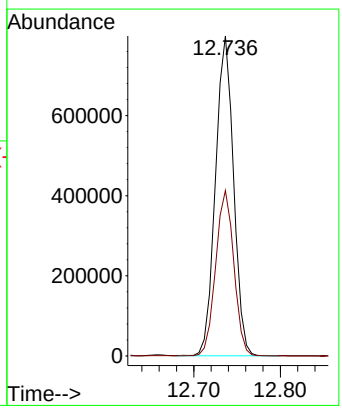


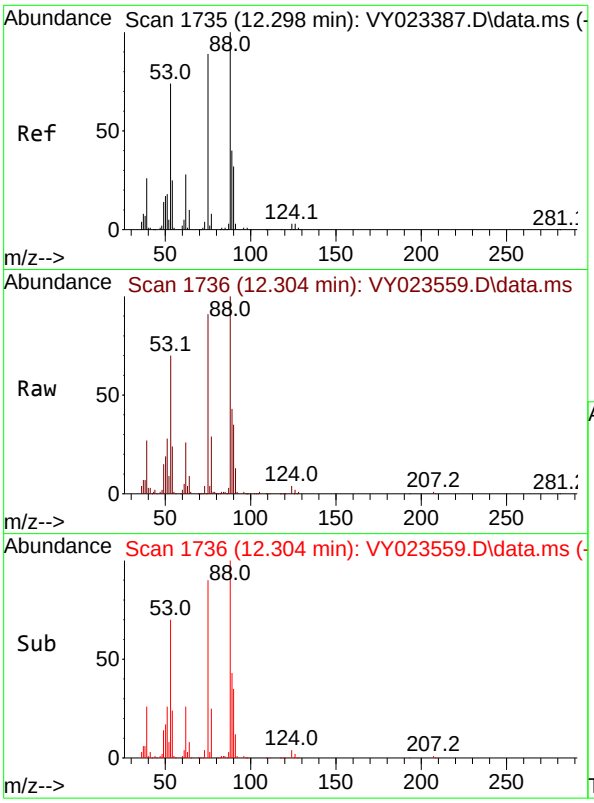


#80
1,3,5-Trimethylbenzene
Concen: 57.172 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 1157792

Ion	Ratio	Lower	Upper
105	100		
120	52.0	25.4	76.4



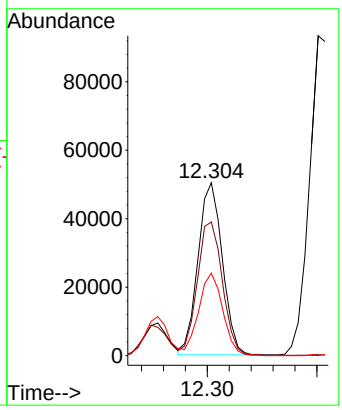


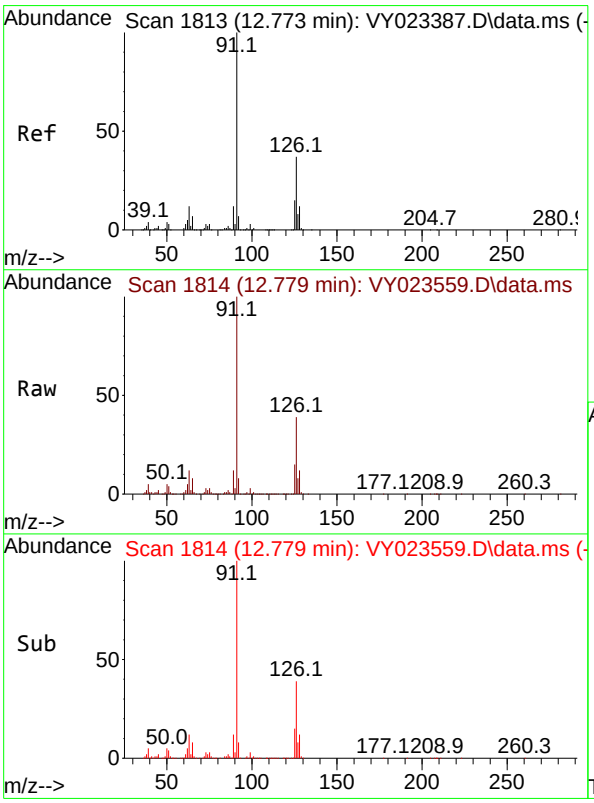
#81
trans-1,4-Dichloro-2-butene
Concen: 56.799 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 77712

Ion	Ratio	Lower	Upper
75	100		
53	80.3	68.6	102.8
89	47.1	39.0	58.4

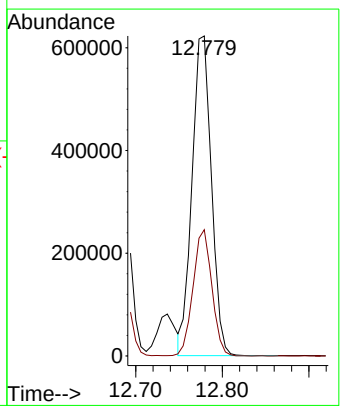


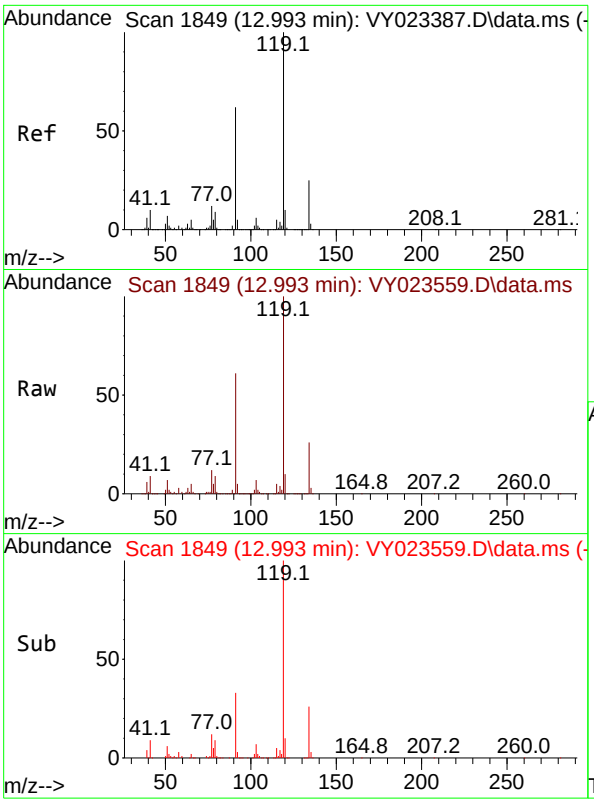


#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 91 Resp: 966872

Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.4	55.4



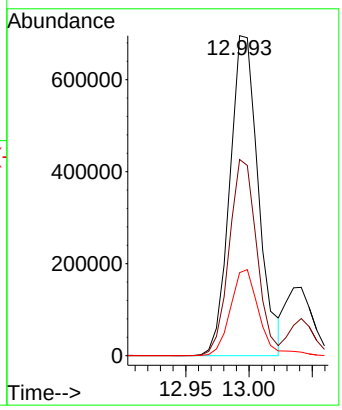


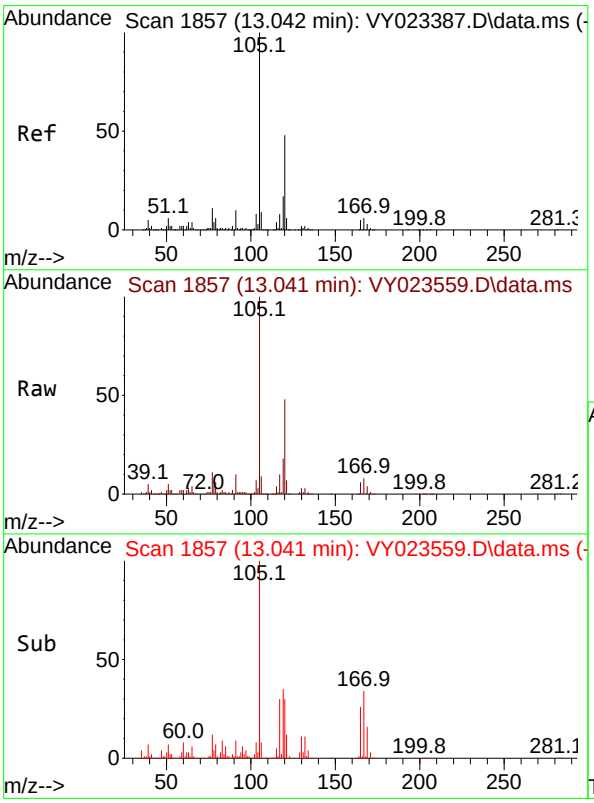
#83
tert-Butylbenzene
Concen: 58.535 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 1094487

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.9	89.8
134	27.0	12.9	38.7

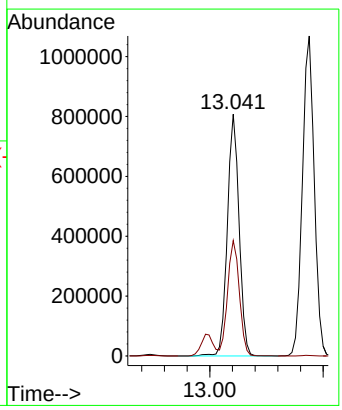


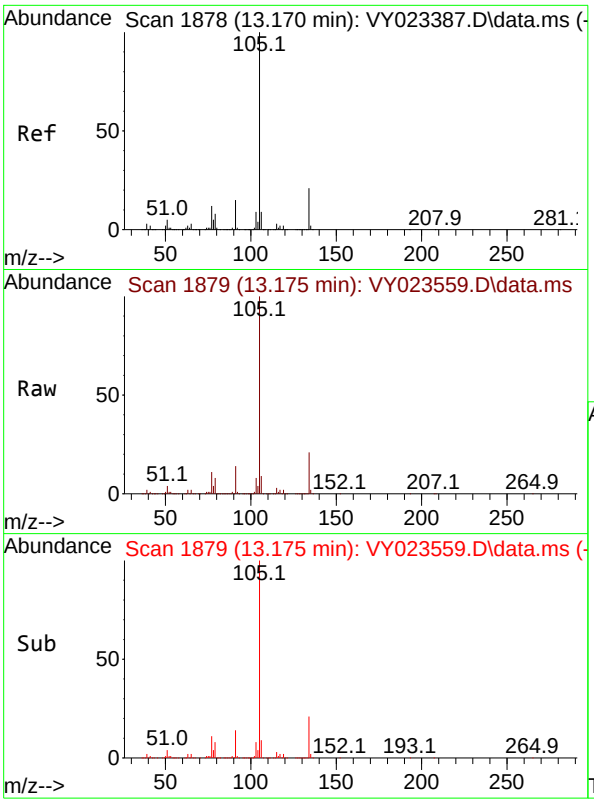


#84
1,2,4-Trimethylbenzene
Concen: 57.333 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:105 Resp: 1158715

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.2



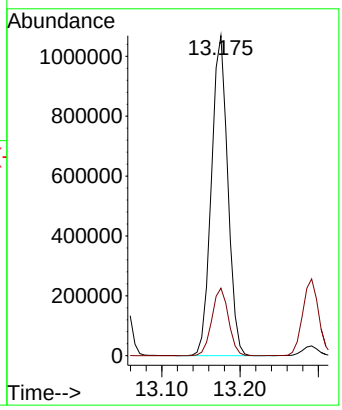


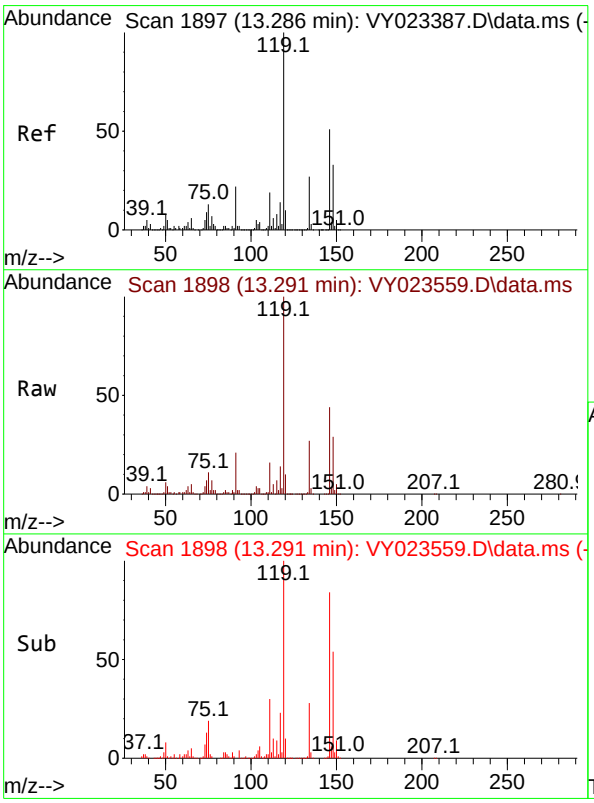
#85
sec-Butylbenzene
Concen: 57.753 ug/l
RT: 13.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1549057

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1

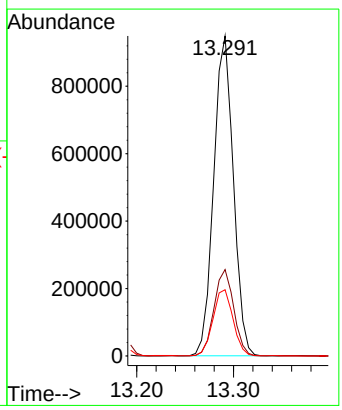


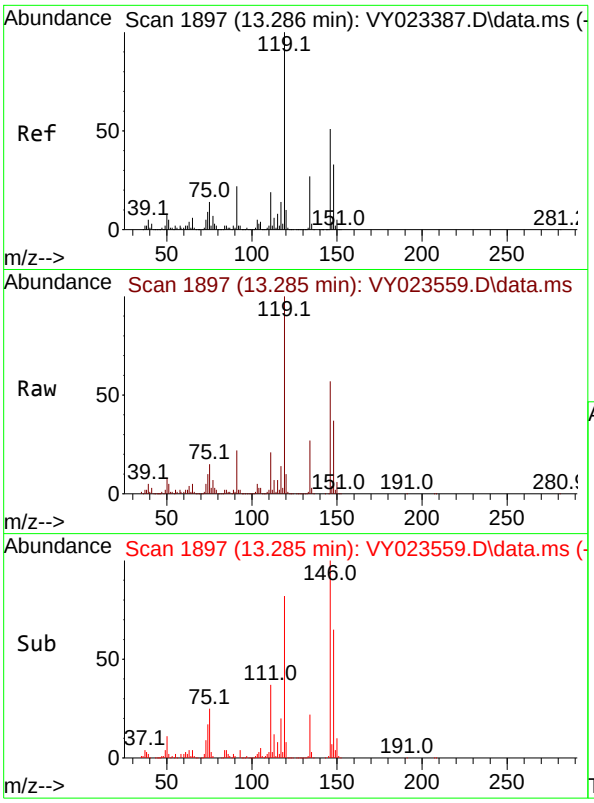


#86
p-Isopropyltoluene
Concen: 58.577 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:119 Resp: 1337700

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.2	10.9	32.9



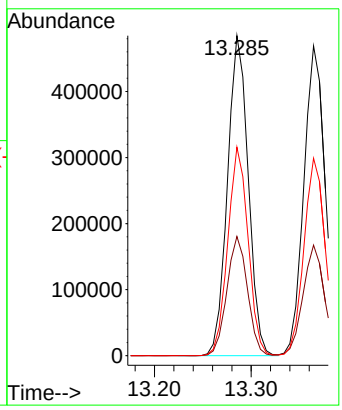


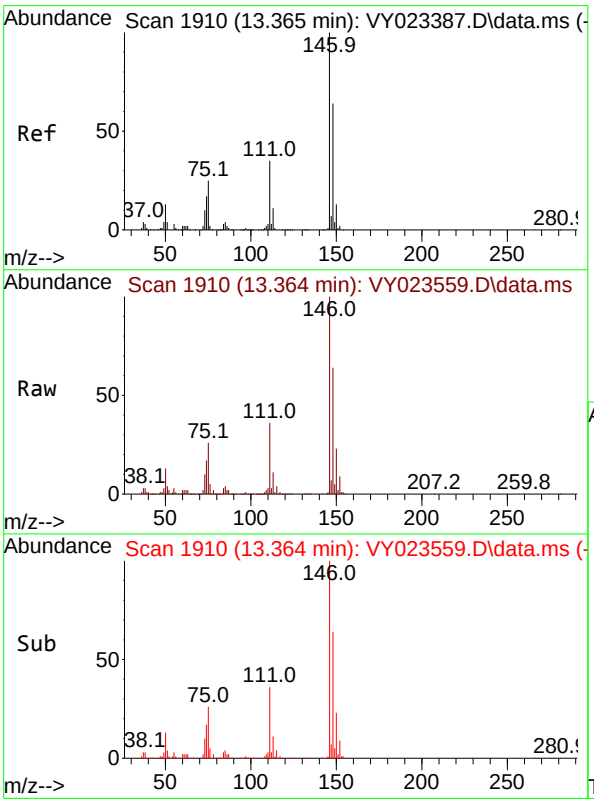
#87
1,3-Dichlorobenzene
Concen: 55.564 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 720888

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	63.9	31.9	95.9

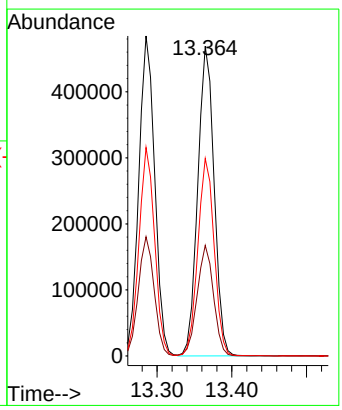


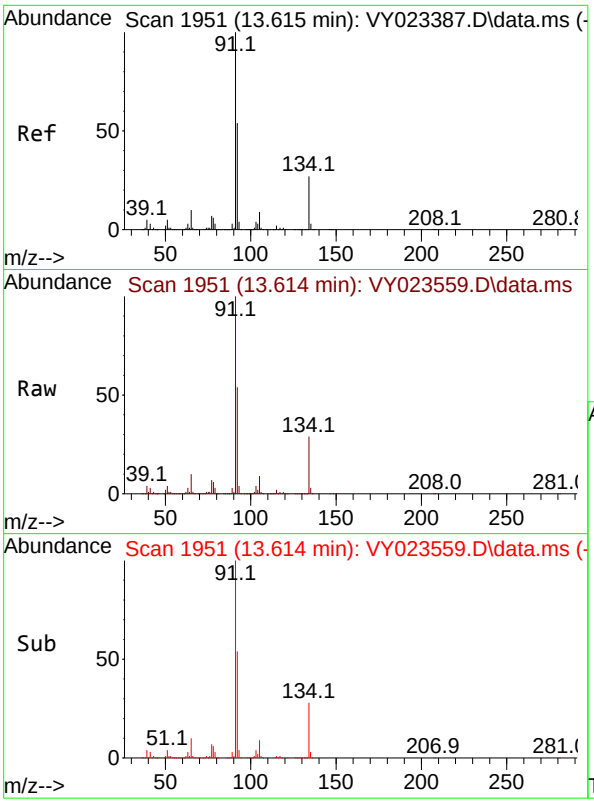


#88
1,4-Dichlorobenzene
Concen: 55.673 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:146 Resp: 713367

Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.0	54.0
148	63.7	31.9	95.7



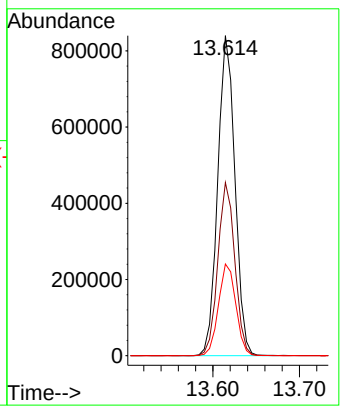


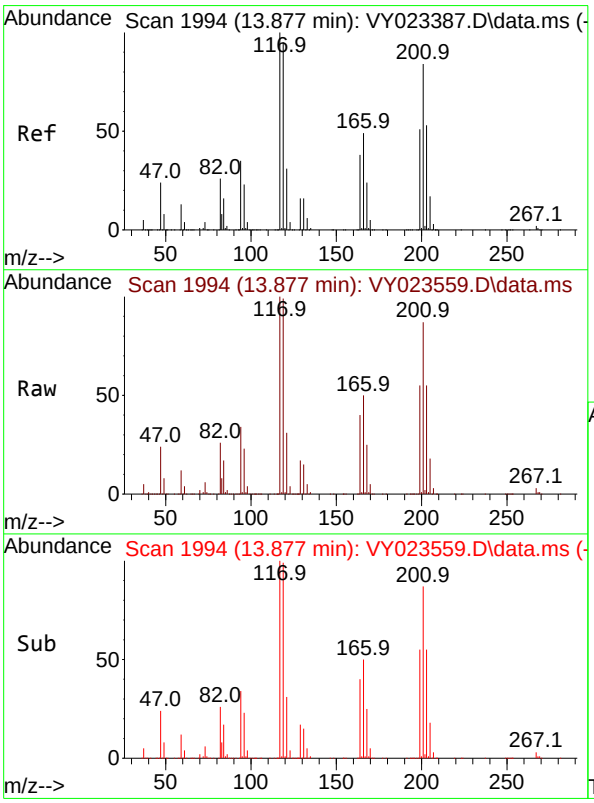
#89
n-Butylbenzene
Concen: 58.138 ug/l
RT: 13.614 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1156866

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	29.0	14.1	42.2

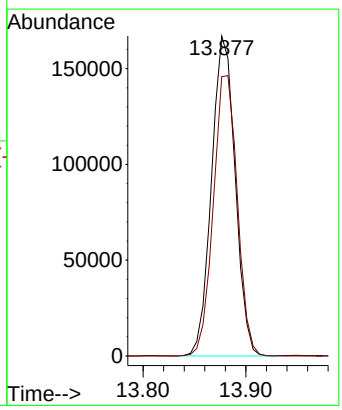


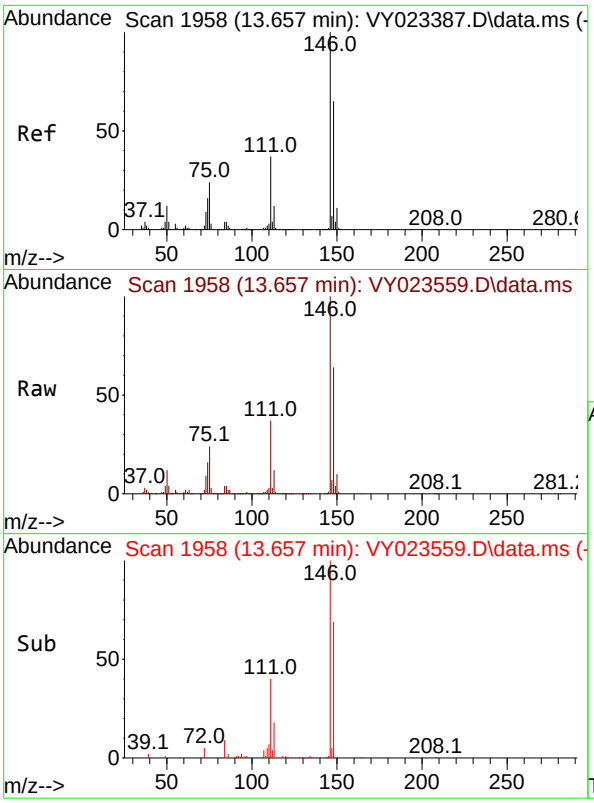


#90
Hexachloroethane
Concen: 54.294 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:117 Resp: 266678

Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.8	131.4



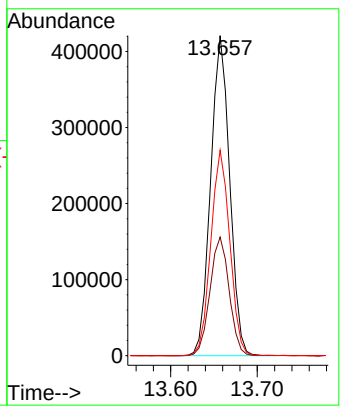


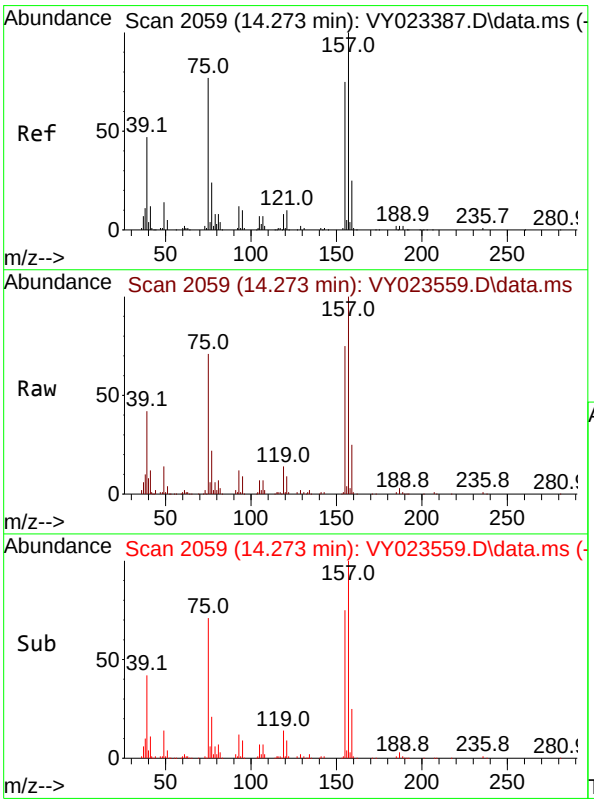
#91
1,2-Dichlorobenzene
Concen: 56.461 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 642214

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	64.1	32.1	96.3

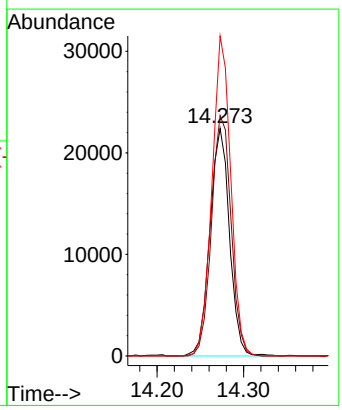


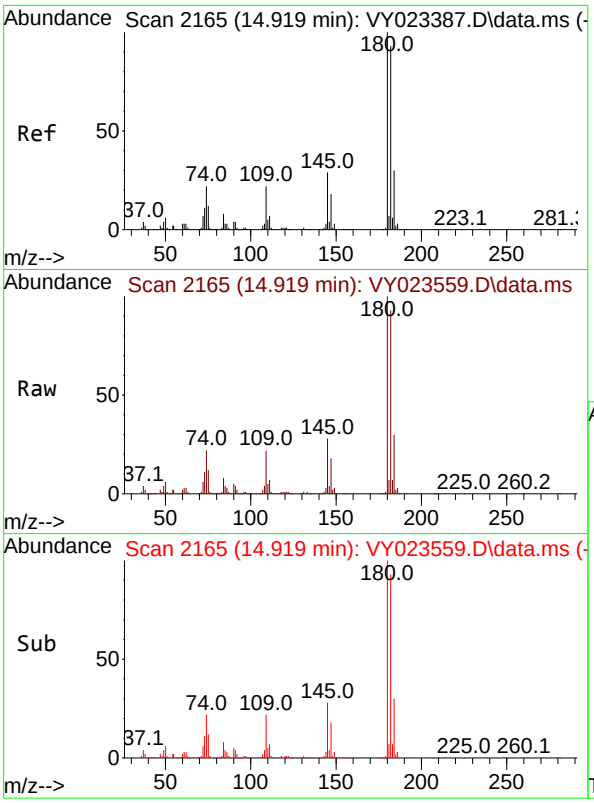


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.353 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion: 75 Resp: 35210

Ion	Ratio	Lower	Upper
75	100		
155	105.8	50.0	150.0
157	134.6	63.8	191.5



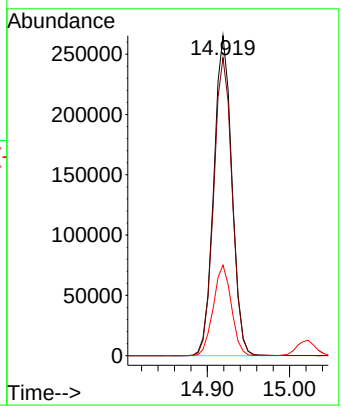


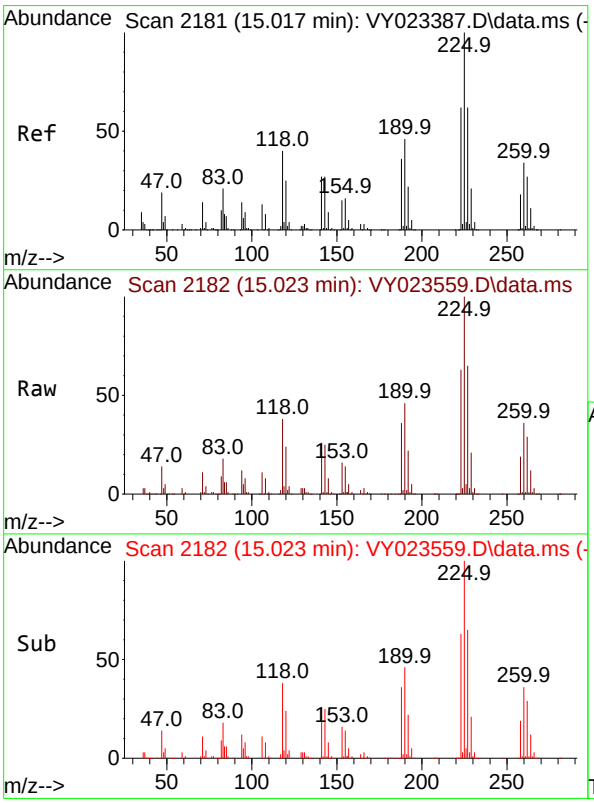
#93
1,2,4-Trichlorobenzene
Concen: 57.127 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 405098

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	28.3	14.7	44.1

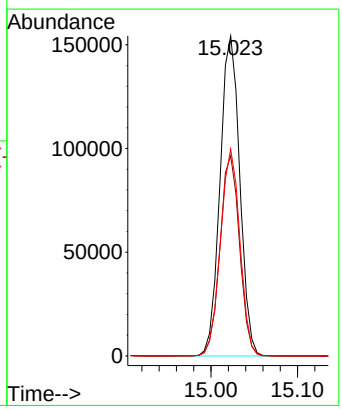


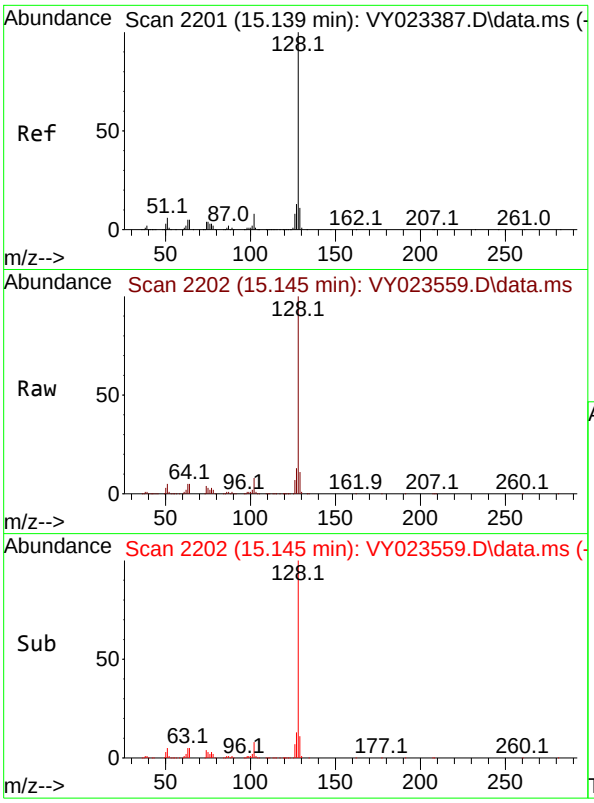


#94
Hexachlorobutadiene
Concen: 55.207 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:225 Resp: 244033

Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.3
227	63.7	31.9	95.7



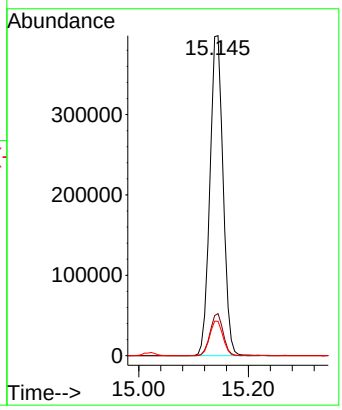


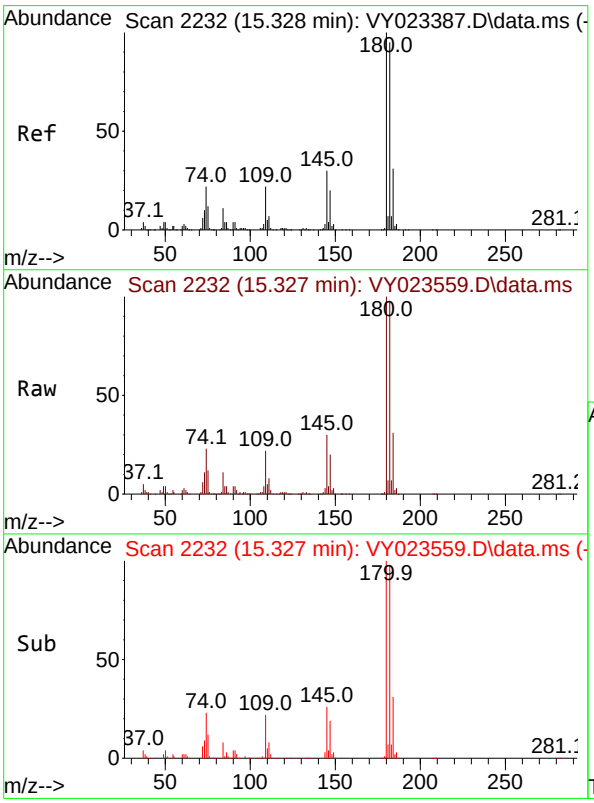
#95
Naphthalene
Concen: 58.694 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 662767

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3

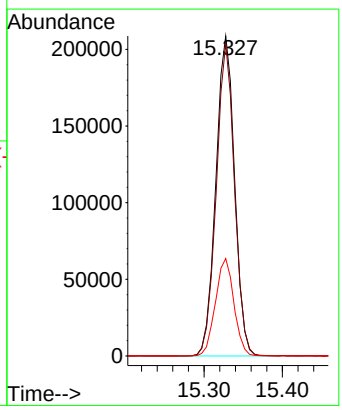




#96
1,2,3-Trichlorobenzene
Concen: 56.460 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023559.D
Acq: 24 Oct 2025 08:56

Tgt Ion:180 Resp: 346789

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.8
145	30.1	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	551537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	799010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	709717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	380713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	203935	44.218	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.440%			
35) Dibromofluoromethane	7.634	113	243016	49.499	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.000%			
50) Toluene-d8	10.109	98	884395	48.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.407	95	297693	49.317	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	73940	18.625	ug/l	99
3) Chloromethane	2.074	50	93760	17.337	ug/l	97
4) Vinyl Chloride	2.208	62	126898	18.015	ug/l	100
5) Bromomethane	2.592	94	121542	20.561	ug/l	100
6) Chloroethane	2.732	64	88904	18.516	ug/l	99
7) Trichlorofluoromethane	3.055	101	186017	19.019	ug/l	99
8) Diethyl Ether	3.458	74	50315	19.688	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	101494	19.998	ug/l	97
10) Methyl Iodide	4.006	142	106029	18.766	ug/l	97
11) Tert butyl alcohol	4.848	59	31189	90.901	ug/l	97
12) 1,1-Dichloroethene	3.787	96	97421	19.802	ug/l	97
13) Acrolein	3.659	56	23585	48.647	ug/l	98
14) Allyl chloride	4.384	41	109431	18.251	ug/l	97
15) Acrylonitrile	5.061	53	93885	95.993	ug/l	98
16) Acetone	3.866	43	140610	128.062	ug/l	99
17) Carbon Disulfide	4.104	76	258594	18.365	ug/l	99
18) Methyl Acetate	4.390	43	49637	17.234	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	236371	19.990	ug/l	96
20) Methylene Chloride	4.616	84	109899	18.510	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108914	20.107	ug/l	97
22) Diisopropyl ether	6.024	45	256039	19.305	ug/l	96
23) Vinyl Acetate	5.963	43	676295	94.207	ug/l	97
24) 1,1-Dichloroethane	5.921	63	174246	19.834	ug/l	98
25) 2-Butanone	6.896	43	151403	112.949	ug/l	100
26) 2,2-Dichloropropane	6.890	77	163903	20.332	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	130666	20.884	ug/l	95
28) Bromochloromethane	7.250	49	61891	18.871	ug/l	90
29) Tetrahydrofuran	7.268	42	69086	90.887	ug/l	93
30) Chloroform	7.420	83	197077	20.417	ug/l	99
31) Cyclohexane	7.701	56	140190	18.272	ug/l	98
32) 1,1,1-Trichloroethane	7.615	97	179638	20.479	ug/l	98
36) 1,1-Dichloropropene	7.841	75	130575	20.089	ug/l	99
37) Ethyl Acetate	6.987	43	49292	19.142	ug/l	97
38) Carbon Tetrachloride	7.823	117	162485	20.617	ug/l	99
39) Methylcyclohexane	9.109	83	169117	19.984	ug/l	99
40) Benzene	8.079	78	426341	20.712	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.225	41	22809	16.378 ug/l #	84
42) 1,2-Dichloroethane	8.158	62	104042	19.599 ug/l	97
43) Isopropyl Acetate	8.201	43	95722	18.643 ug/l	95
44) Trichloroethene	8.865	130	128825	21.383 ug/l	95
45) 1,2-Dichloropropane	9.146	63	92312	20.304 ug/l	100
46) Dibromomethane	9.231	93	59886	20.831 ug/l	96
47) Bromodichloromethane	9.426	83	150883	20.839 ug/l	99
48) Methyl methacrylate	9.225	41	43337	17.966 ug/l	89
49) 1,4-Dioxane	9.231	88	12987	389.621 ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	255637	96.362 ug/l	96
52) Toluene	10.170	92	284413	21.281 ug/l	99
53) t-1,3-Dichloropropene	10.395	75	127577	20.264 ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	153131	20.608 ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	83454	21.587 ug/l	97
56) Ethyl methacrylate	10.438	69	88085	19.752 ug/l	94
57) 1,3-Dichloropropane	10.718	76	126908	20.716 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	198103	99.163 ug/l	97
59) 2-Hexanone	10.761	43	211229	111.416 ug/l	96
60) Dibromochloromethane	10.914	129	115677	21.342 ug/l	100
61) 1,2-Dibromoethane	11.017	107	78817	21.377 ug/l	99
64) Tetrachloroethene	10.645	164	151245	20.639 ug/l	97
65) Chlorobenzene	11.444	112	322004	20.861 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116589	21.195 ug/l	99
67) Ethyl Benzene	11.517	91	512753	20.521 ug/l	99
68) m/p-Xylenes	11.627	106	423494	42.257 ug/l	99
69) o-Xylene	11.956	106	198083	21.072 ug/l	97
70) Styrene	11.968	104	323830	20.949 ug/l	99
71) Bromoform	12.133	173	71371	20.917 ug/l #	99
73) Isopropylbenzene	12.255	105	516359	20.581 ug/l	100
74) N-amyl acetate	12.072	43	79625	17.669 ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	83375	20.318 ug/l	99
76) 1,2,3-Trichloropropane	12.553	75	108630	32.341 ug/l #	100
77) Bromobenzene	12.529	156	137052	20.547 ug/l	98
78) n-propylbenzene	12.596	91	595772	20.520 ug/l	99
79) 2-Chlorotoluene	12.675	91	344916	20.287 ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	419394	20.686 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26936	19.665 ug/l	96
82) 4-Chlorotoluene	12.773	91	358669	20.484 ug/l	99
83) tert-Butylbenzene	12.999	119	392010	20.942 ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	420704	20.792 ug/l	99
85) sec-Butylbenzene	13.175	105	560392	20.869 ug/l	100
86) p-Isopropyltoluene	13.291	119	476750	20.853 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	264896	20.394 ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	264053	20.584 ug/l	100
89) n-Butylbenzene	13.614	91	401494	20.154 ug/l	99
90) Hexachloroethane	13.876	117	99943	20.324 ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	232521	20.419 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12890	19.144 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	141537	19.937 ug/l	100
94) Hexachlorobutadiene	15.023	225	90220	20.387 ug/l	100
95) Naphthalene	15.144	128	210092	18.584 ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	120577	19.609 ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

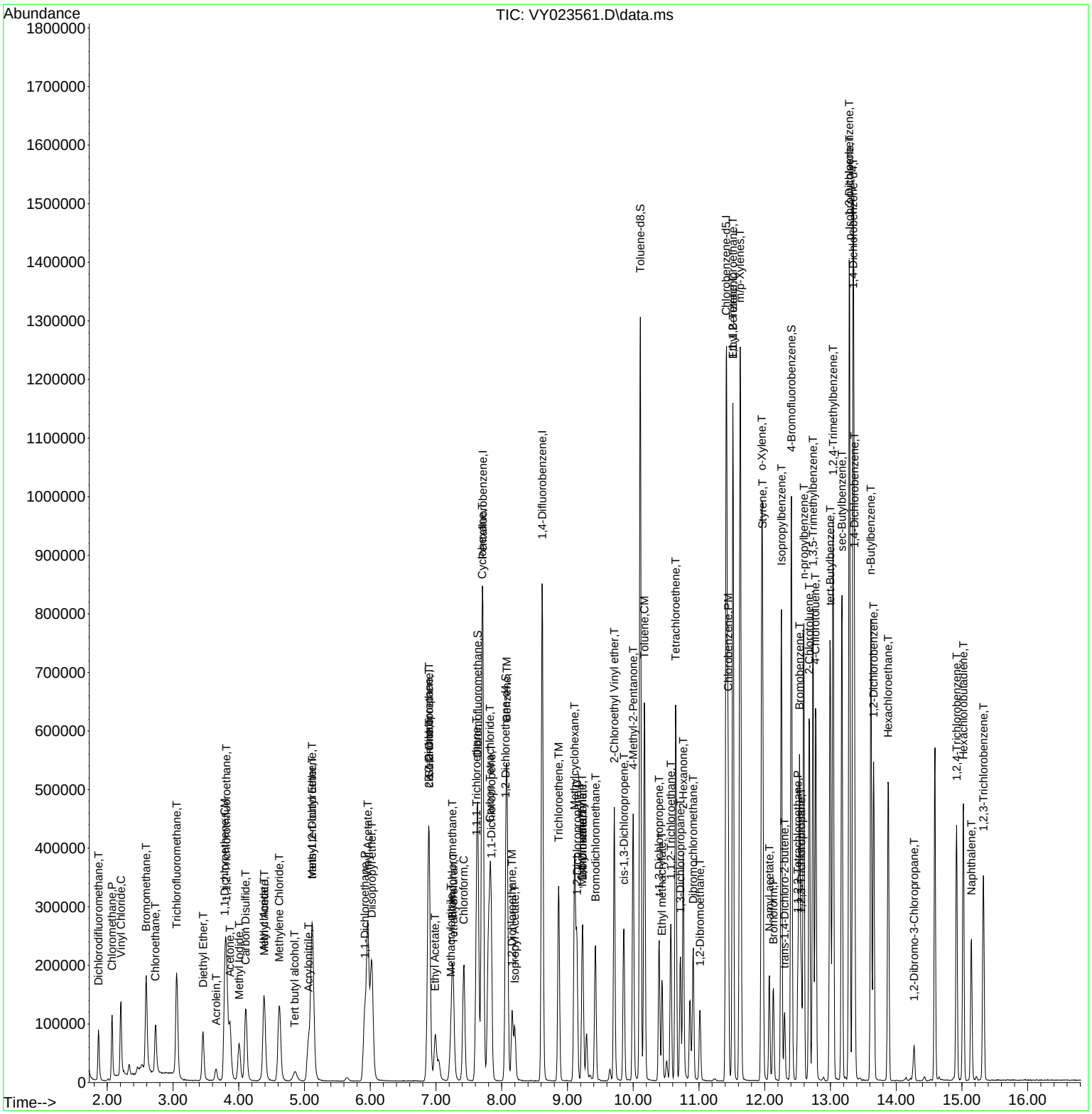
(#) = qualifier out of range (m) = manual integration (+) = signals summed

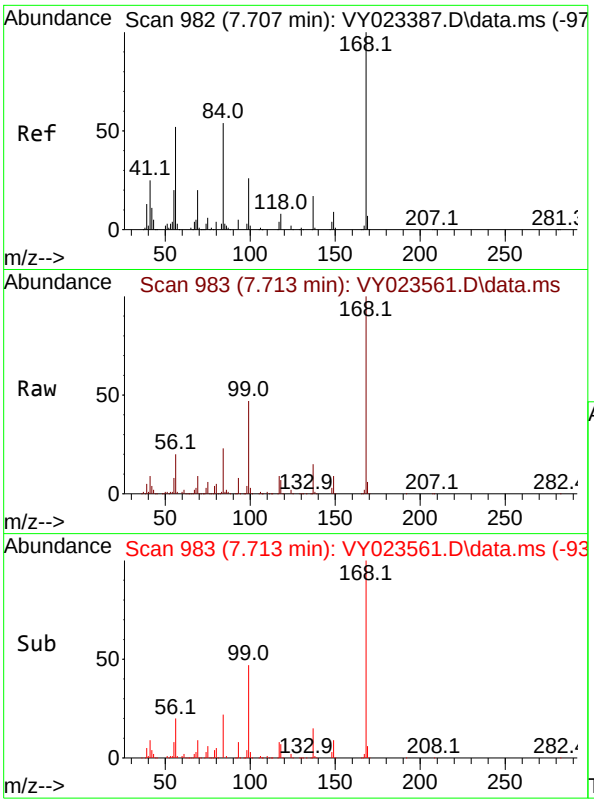
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023561.D
Acq On : 24 Oct 2025 09:52
Operator : SY/MD
Sample : VY1024SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Quant Time: Oct 24 23:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



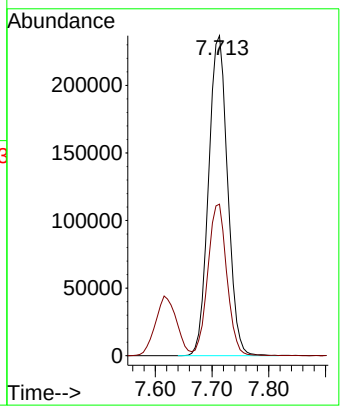


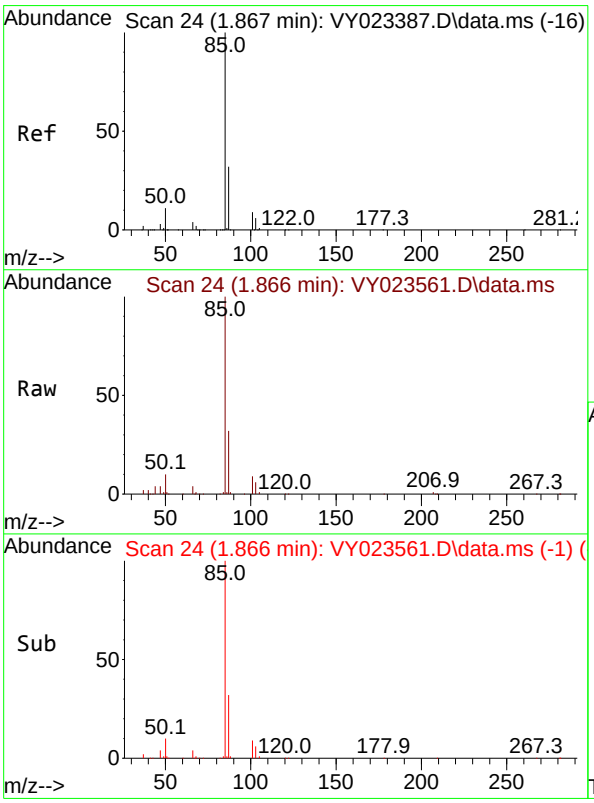
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:168 Resp: 551537

Ion	Ratio	Lower	Upper
168	100		
99	47.3	39.7	59.5

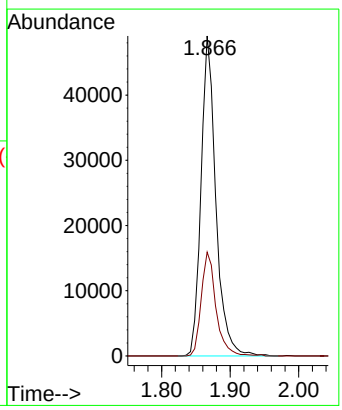


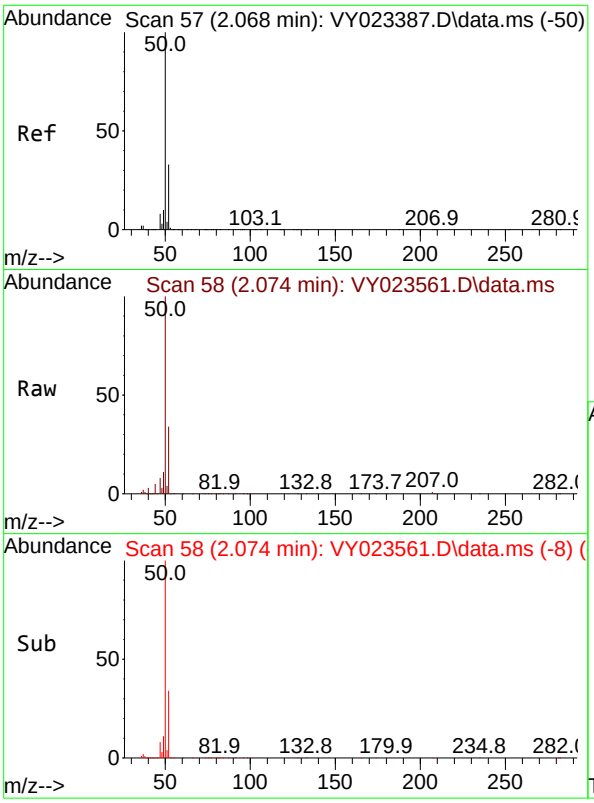


#2
Dichlorodifluoromethane
Concen: 18.625 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 85 Resp: 73940

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.0	47.9



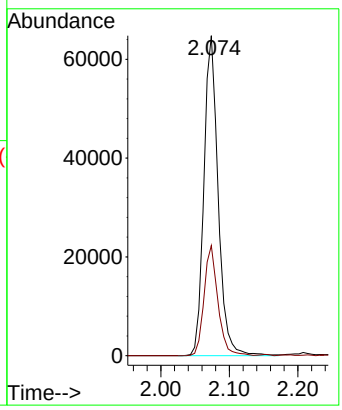


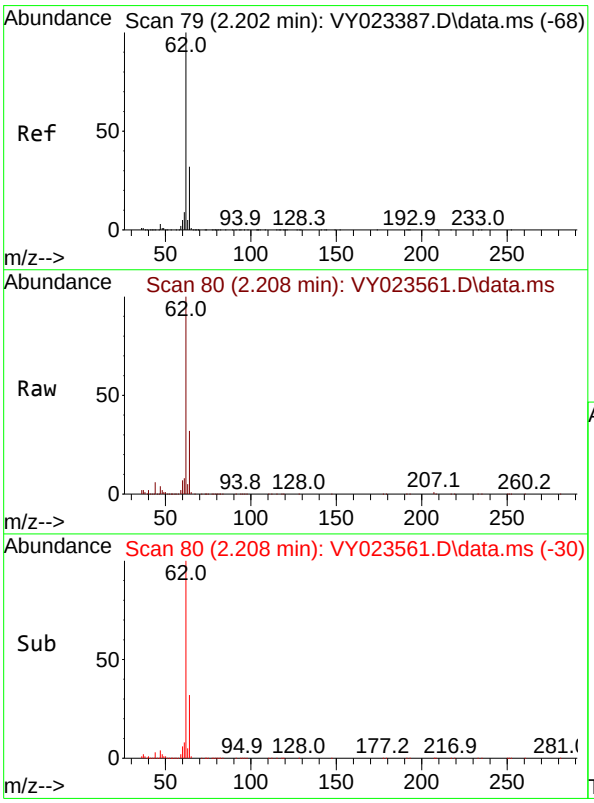
#3
Chloromethane
Concen: 17.337 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 50 Resp: 93760

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.2	39.2

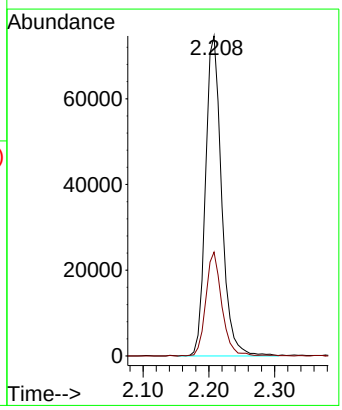


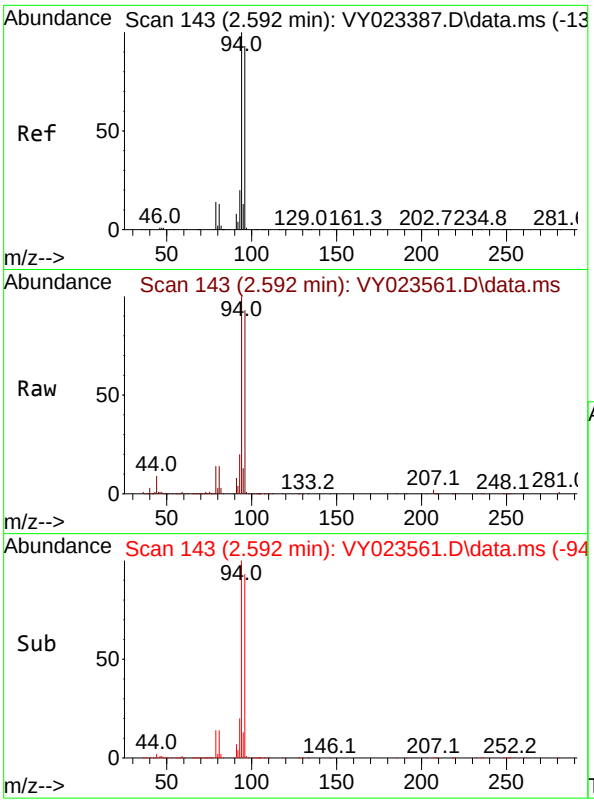


#4
Vinyl Chloride
Concen: 18.015 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 62 Resp: 126898

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



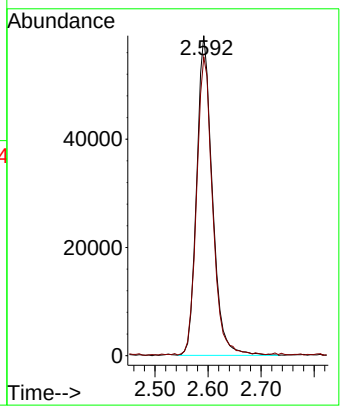


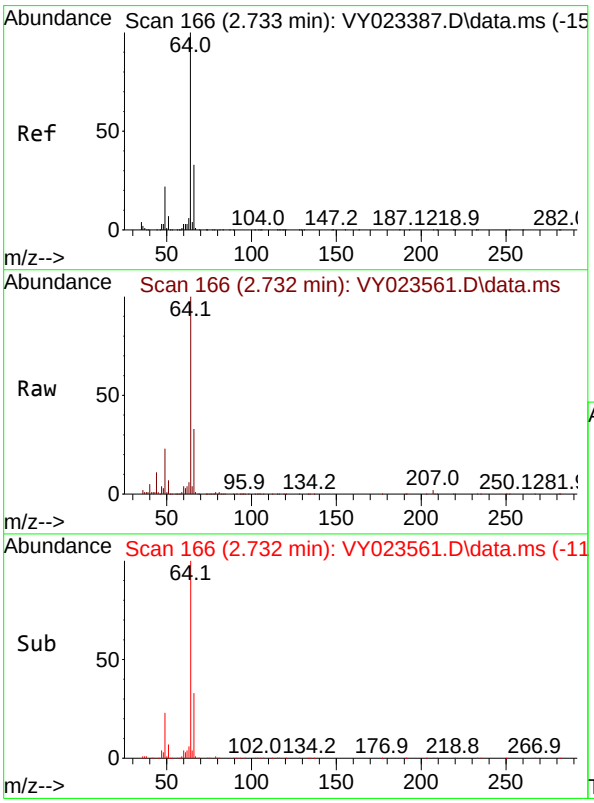
#5
Bromomethane
Concen: 20.561 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 94 Resp: 121542

Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.5	111.7

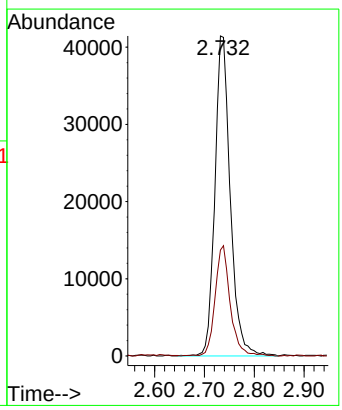


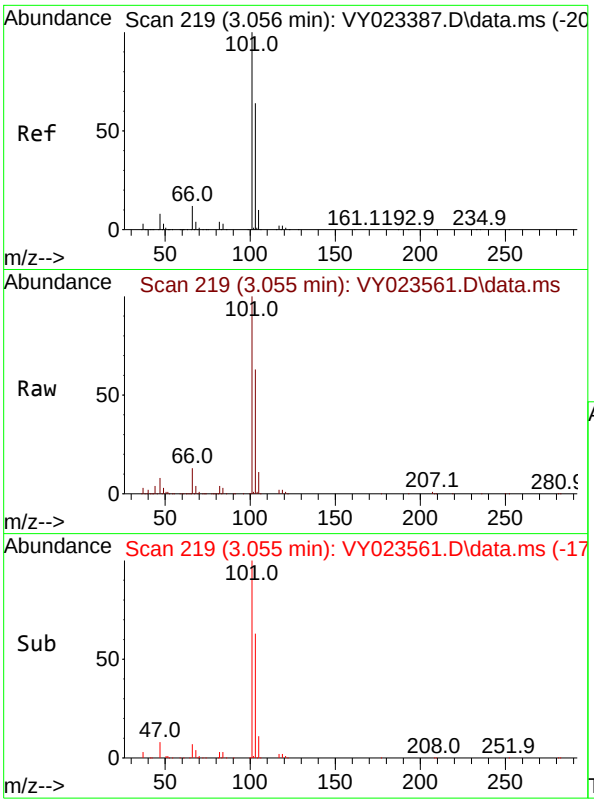


#6
Chloroethane
Concen: 18.516 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 64 Resp: 88904

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.2	39.4



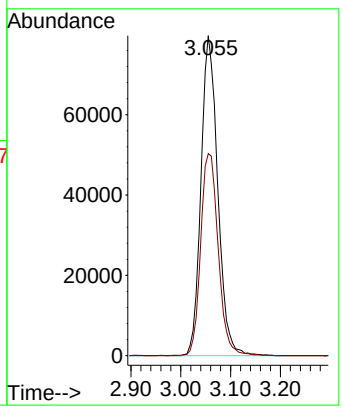


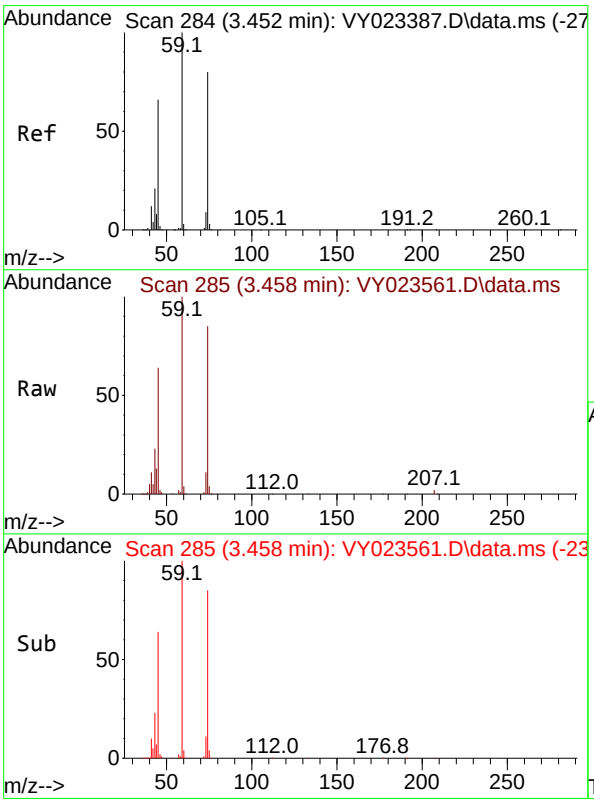
#7
Trichlorofluoromethane
Concen: 19.019 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:101 Resp: 186017

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.3	76.9

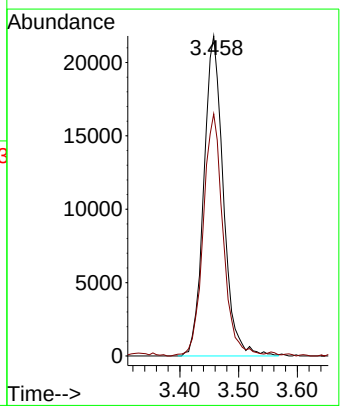


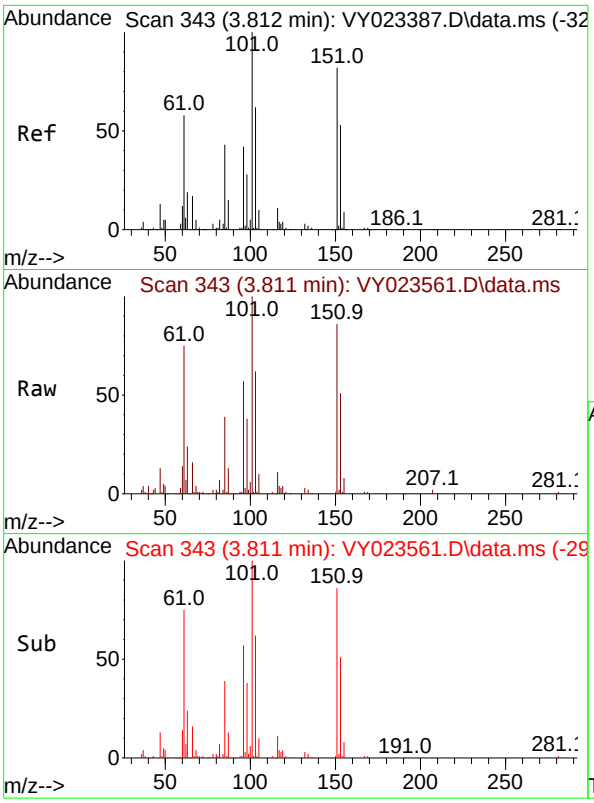


#8
Diethyl Ether
Concen: 19.688 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 74 Resp: 50315

Ion	Ratio	Lower	Upper
74	100		
45	77.0	39.9	119.7



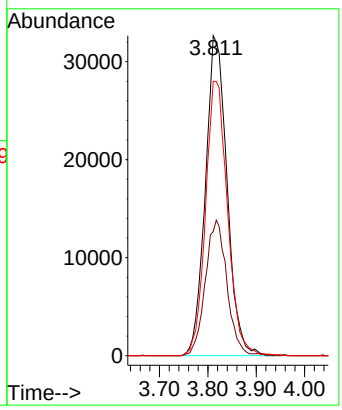


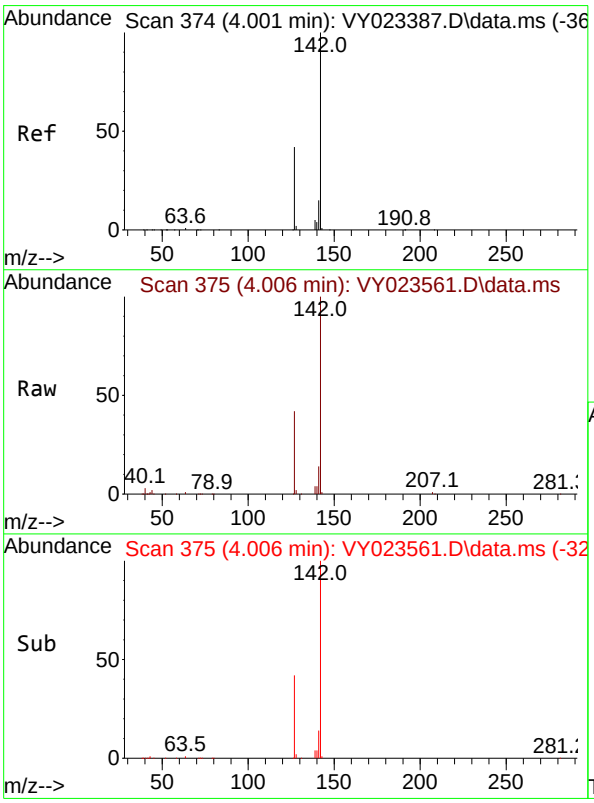
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.998 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:101 Resp: 101494

Ion	Ratio	Lower	Upper
101	100		
85	42.1	34.6	51.8
151	87.2	67.0	100.6

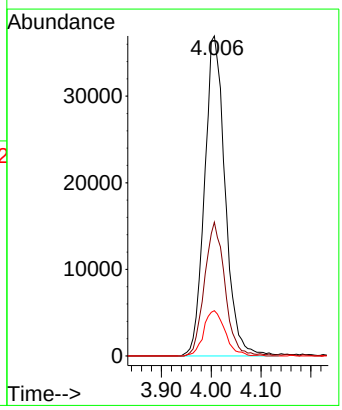


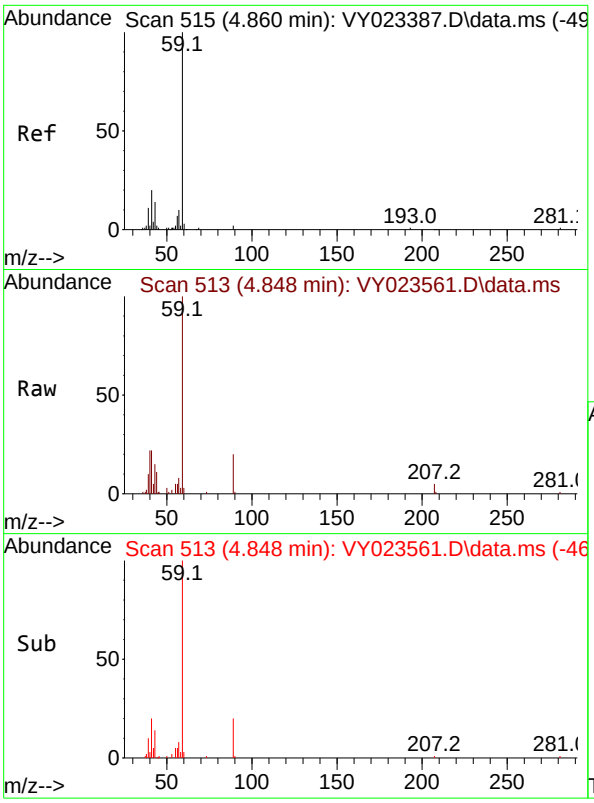


#10
Methyl Iodide
Concen: 18.766 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:142 Resp: 106029

Ion	Ratio	Lower	Upper
142	100		
127	41.3	34.8	52.2
141	14.8	11.6	17.4



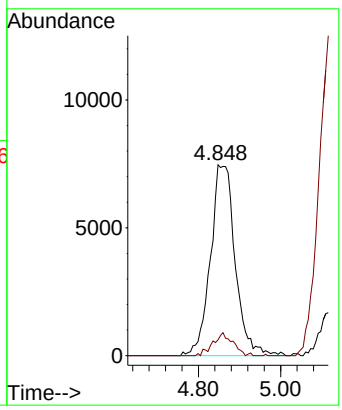


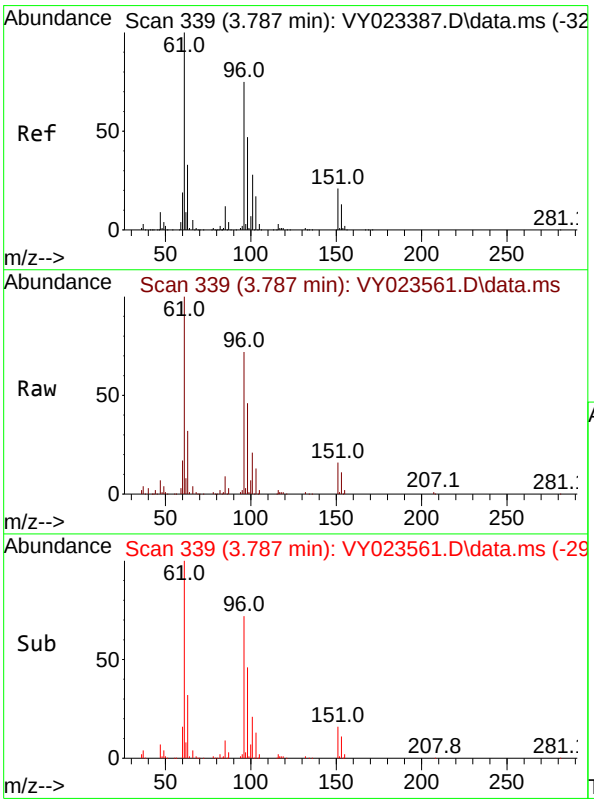
#11
Tert butyl alcohol
Concen: 90.901 ug/l
RT: 4.848 min Scan# 5
Delta R.T. -0.013 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 59 Resp: 31189

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

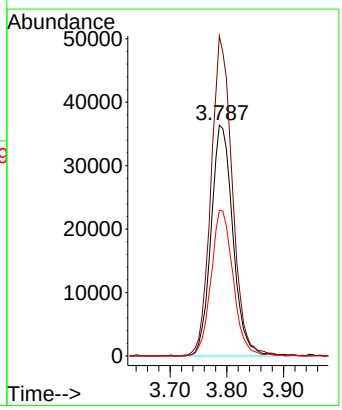


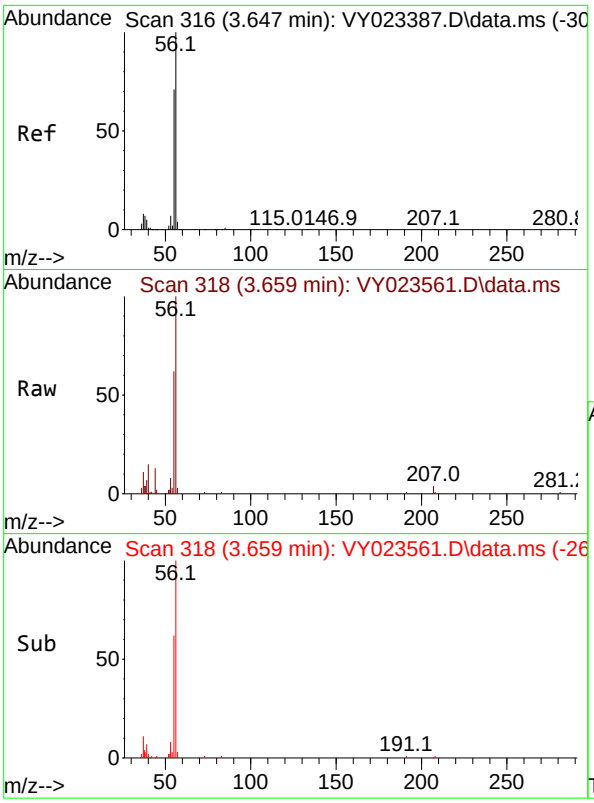


#12
1,1-Dichloroethene
Concen: 19.802 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 96 Resp: 97421

Ion	Ratio	Lower	Upper
96	100		
61	138.7	106.7	160.1
98	63.2	50.2	75.4



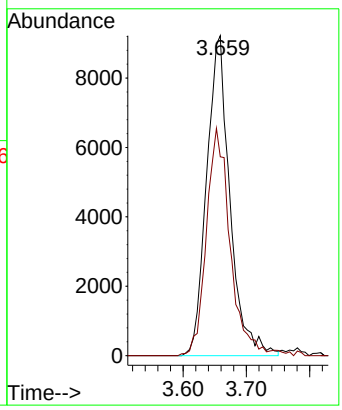


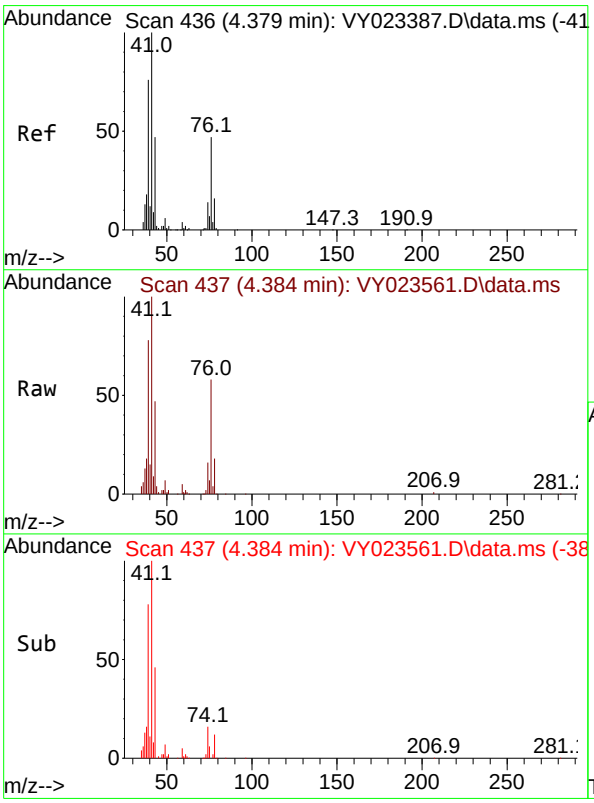
#13
Acrolein
Concen: 48.647 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 56 Resp: 23585

Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.1	84.1

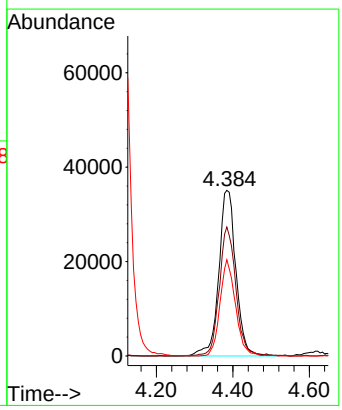


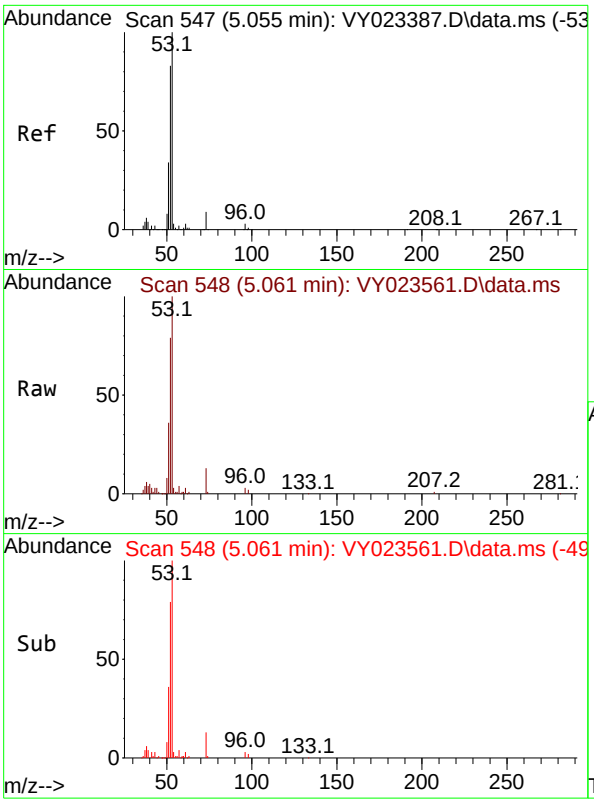


#14
Allyl chloride
Concen: 18.251 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 109431

Ion	Ratio	Lower	Upper
41	100		
39	75.3	59.9	89.9
76	52.3	38.0	57.0



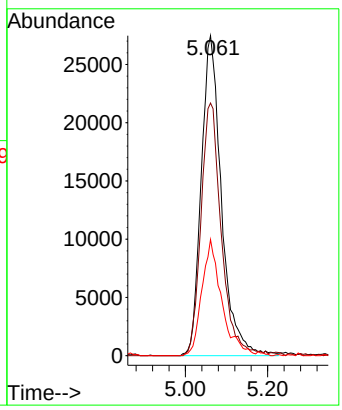


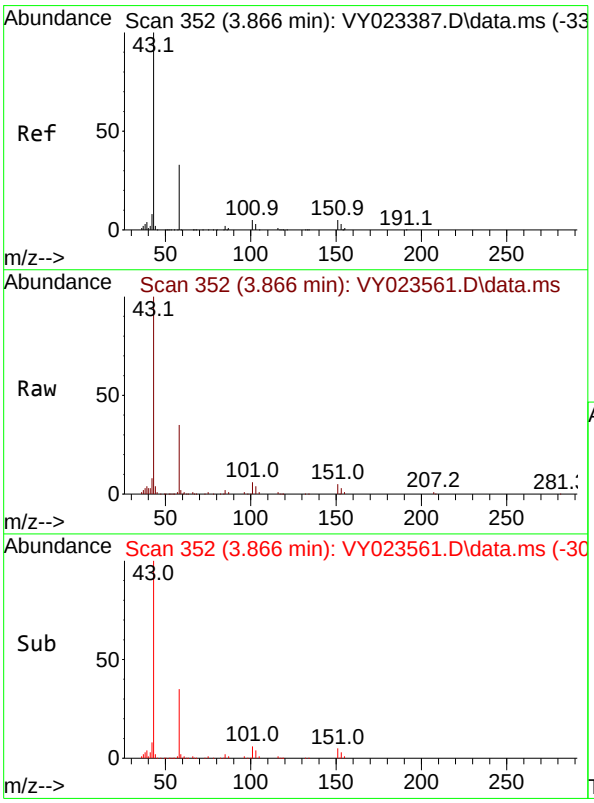
#15
Acrylonitrile
Concen: 95.993 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 53 Resp: 93885

Ion	Ratio	Lower	Upper
53	100		
52	79.3	64.6	97.0
51	35.6	29.5	44.3

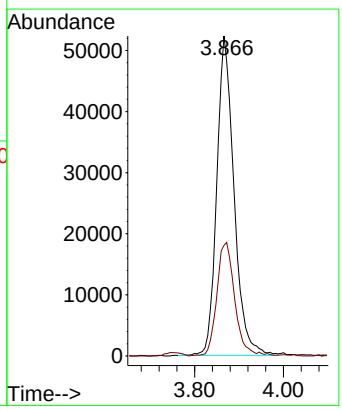


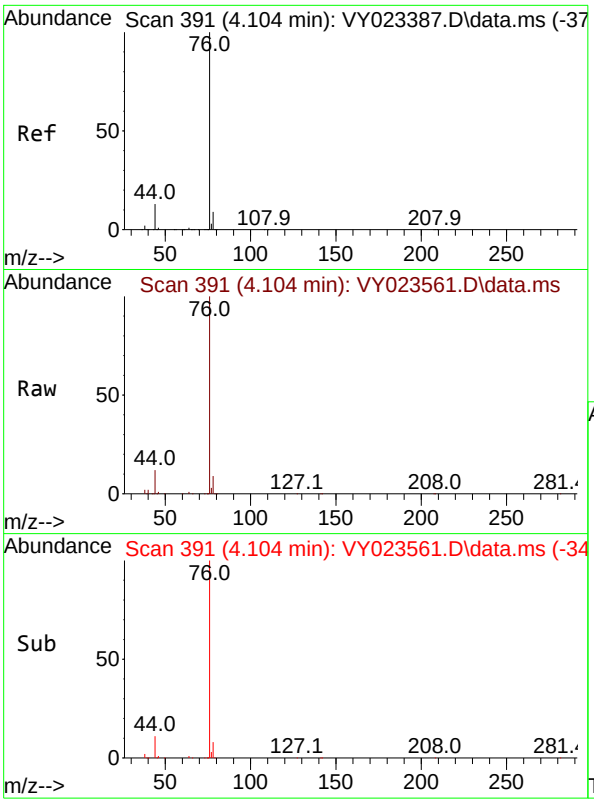


#16
Acetone
Concen: 128.062 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 140610

Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.7	41.5



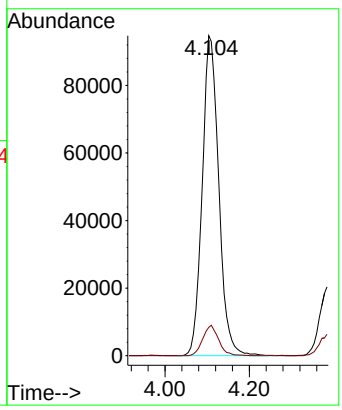


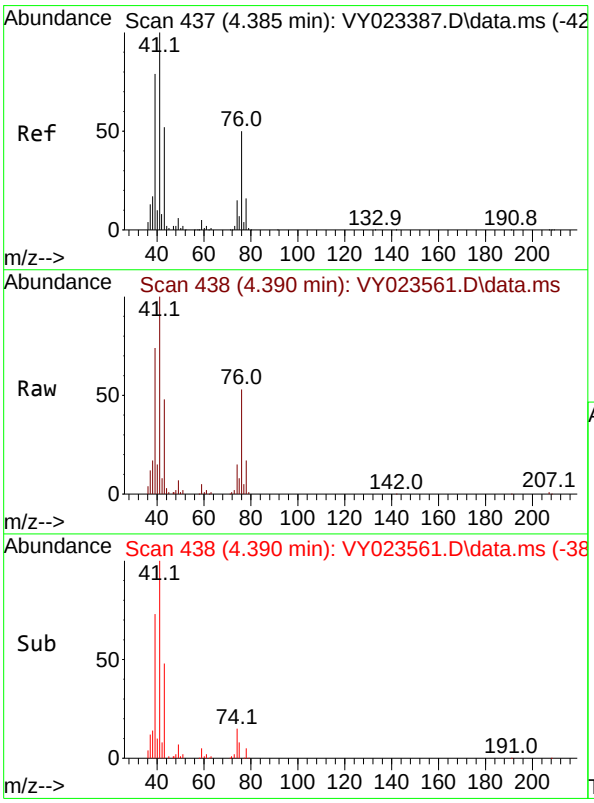
#17
Carbon Disulfide
Concen: 18.365 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 76 Resp: 258594

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

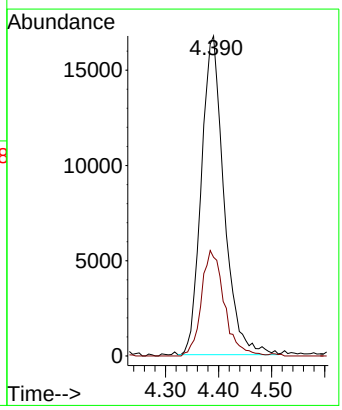


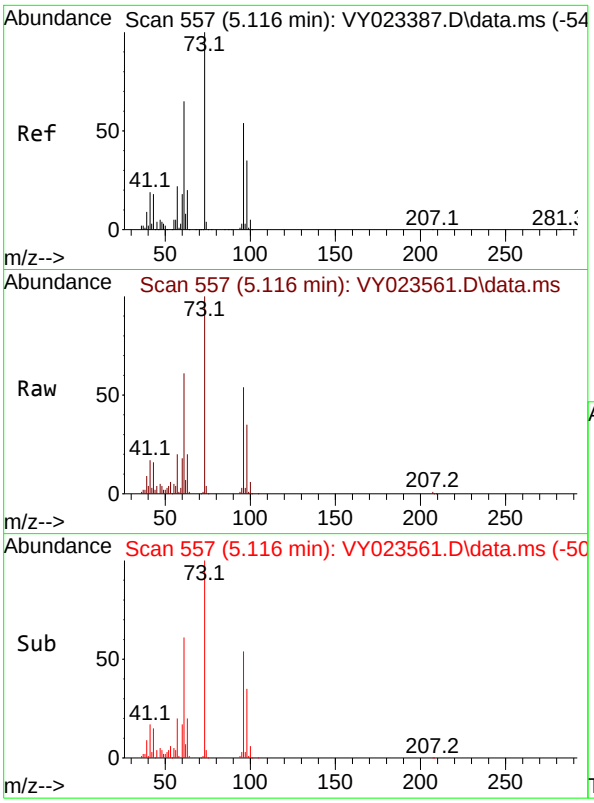


#18
Methyl Acetate
Concen: 17.234 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 49637

Ion	Ratio	Lower	Upper
43	100		
74	33.4	24.2	36.4



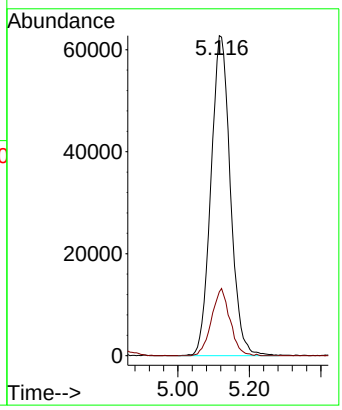


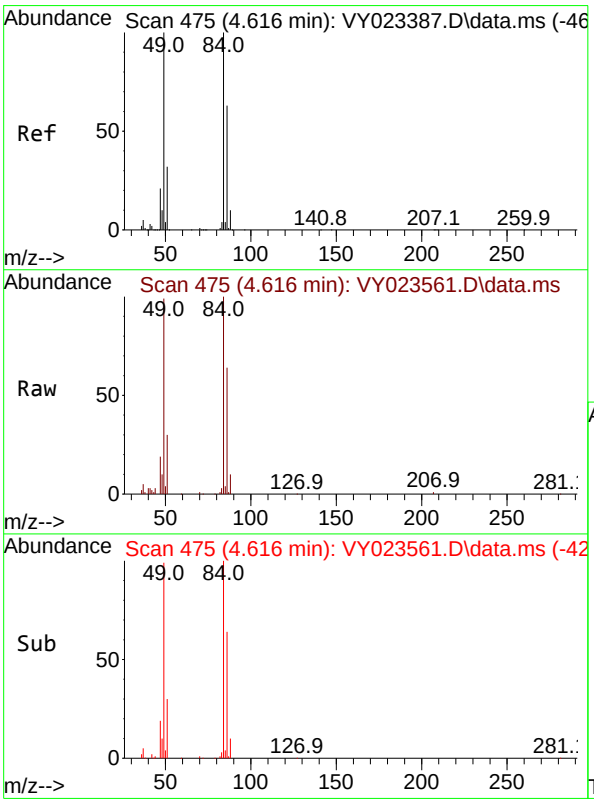
#19
Methyl tert-butyl Ether
Concen: 19.990 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 73 Resp: 236371

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.4	26.0

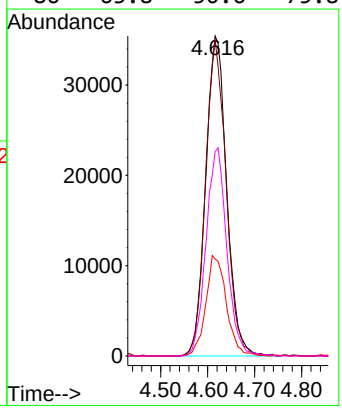


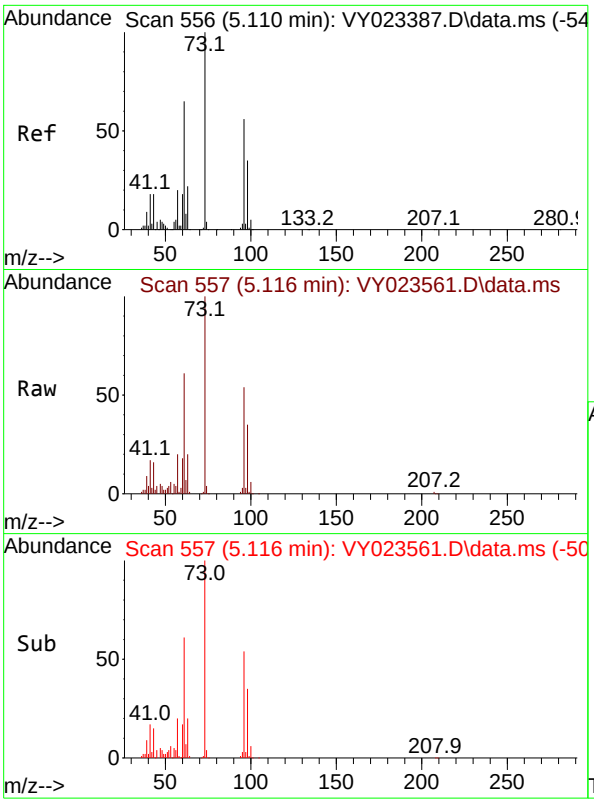


#20
Methylene Chloride
Concen: 18.510 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 84 Resp: 109899

Ion	Ratio	Lower	Upper
84	100		
49	98.7	80.2	120.4
51	30.3	25.9	38.9
86	63.8	50.6	75.8



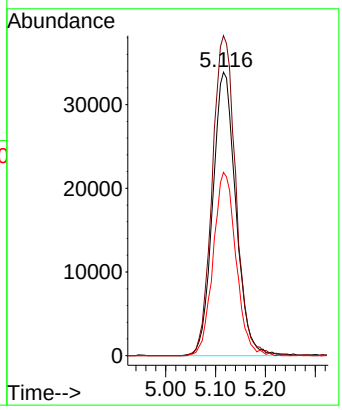


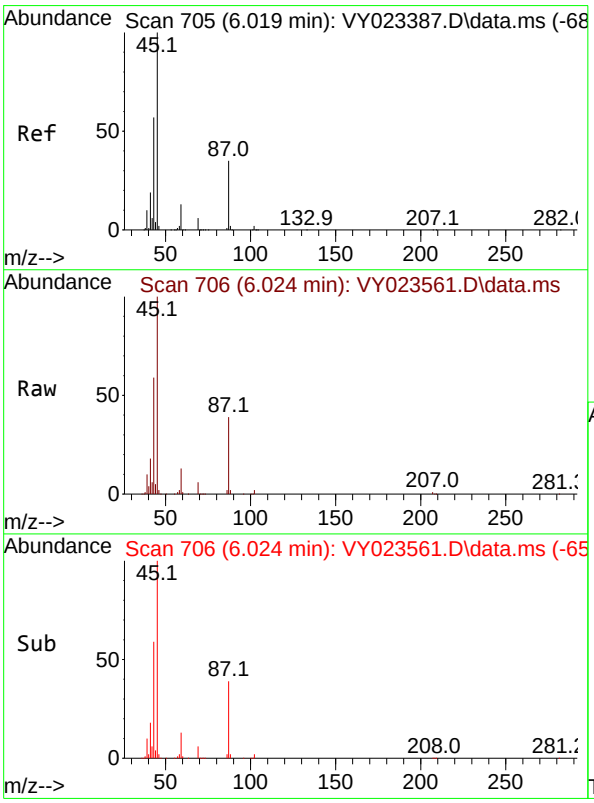
#21
trans-1,2-Dichloroethene
Concen: 20.107 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 96 Resp: 108914

Ion	Ratio	Lower	Upper
96	100		
61	112.9	92.7	139.1
98	64.7	49.7	74.5

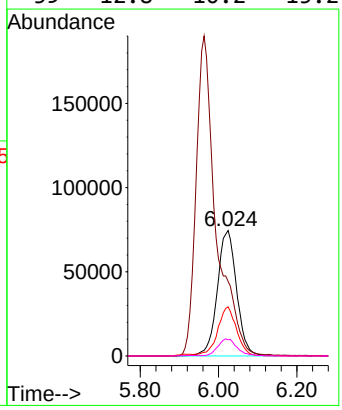


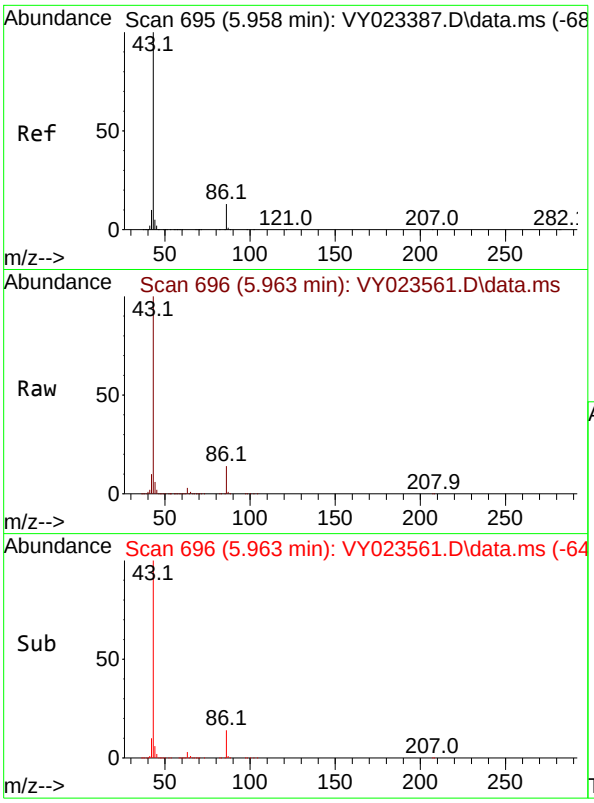


#22
Diisopropyl ether
Concen: 19.305 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 45 Resp: 256039

Ion	Ratio	Lower	Upper
45	100		
43	59.1	45.6	68.4
87	39.0	28.1	42.1
59	12.8	10.2	15.2



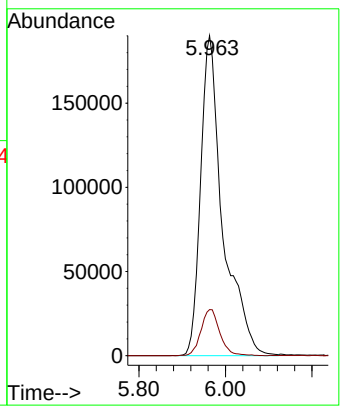


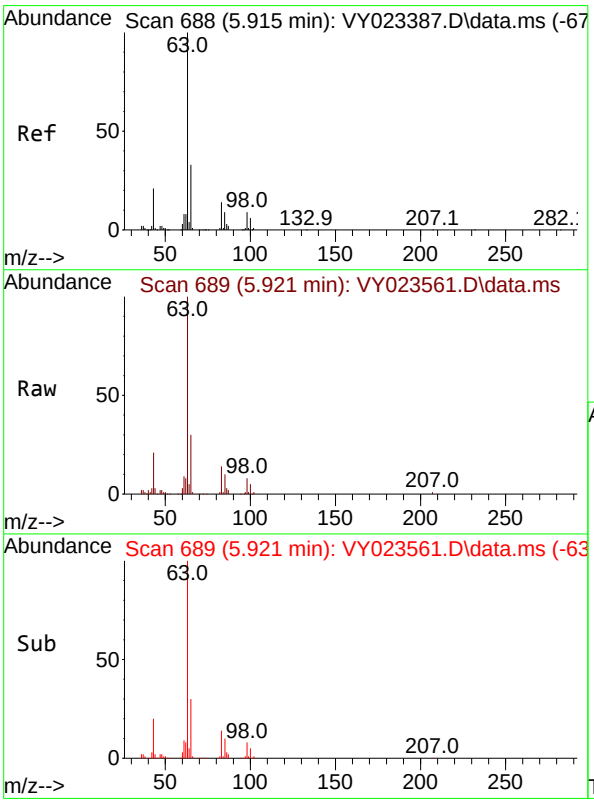
#23
Vinyl Acetate
Concen: 94.207 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 676295

Ion	Ratio	Lower	Upper
43	100		
86	14.4	10.6	15.8

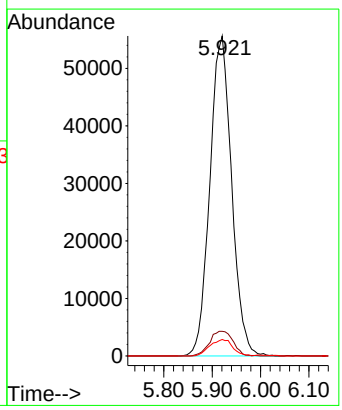


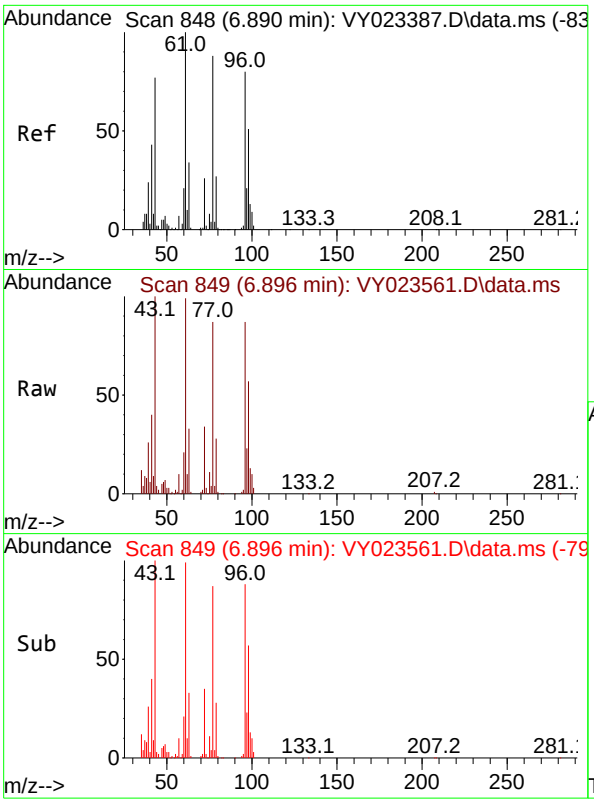


#24
1,1-Dichloroethane
Concen: 19.834 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 174246

Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.3	13.1
100	5.1	2.8	8.4



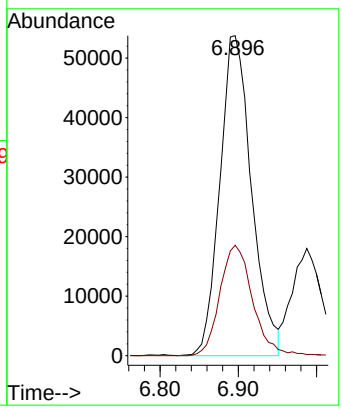


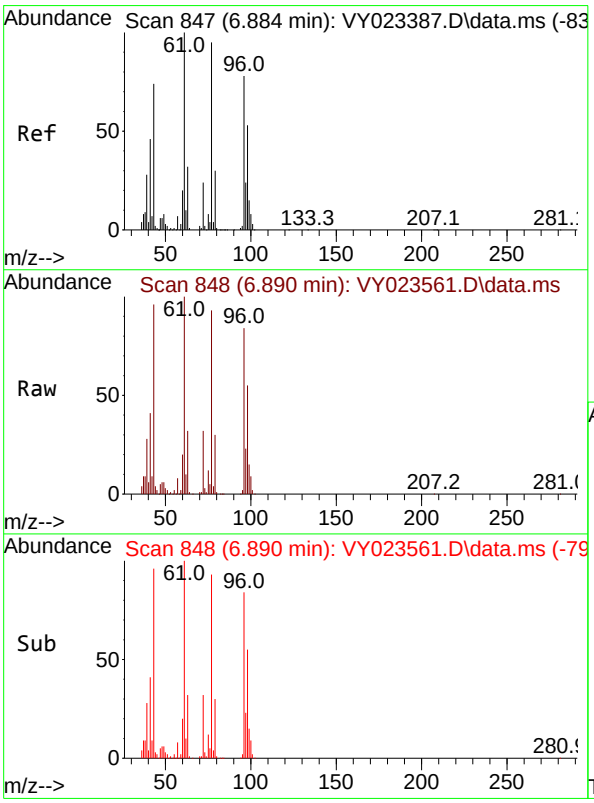
#25
2-Butanone
Concen: 112.949 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 151403

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.4	41.2

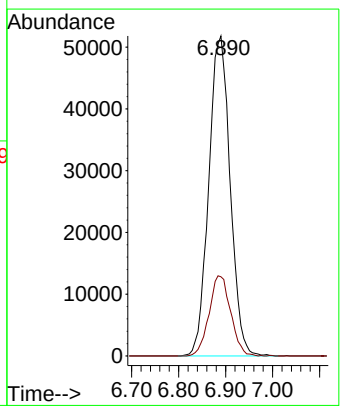


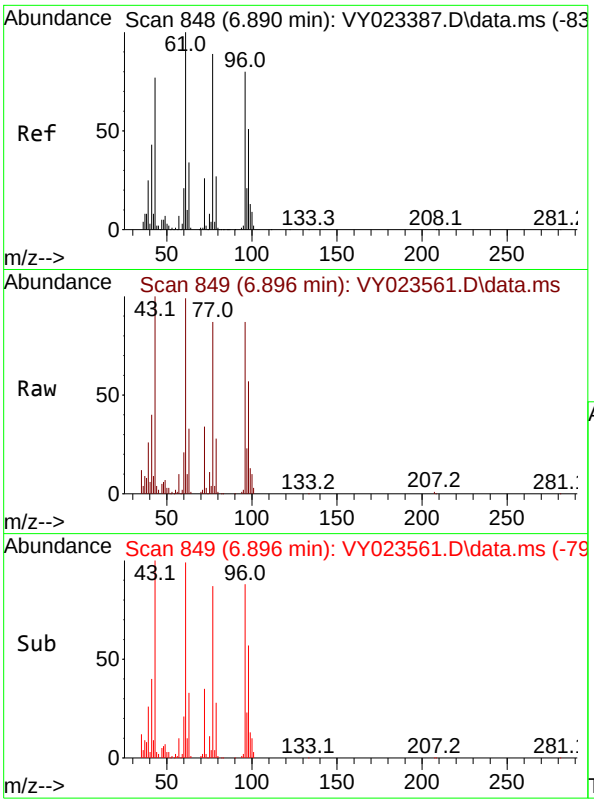


#26
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 77 Resp: 163903

Ion	Ratio	Lower	Upper
77	100		
97	25.2	12.1	36.3



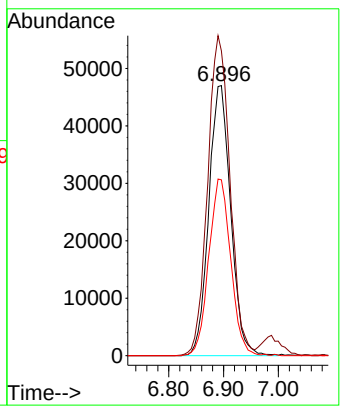


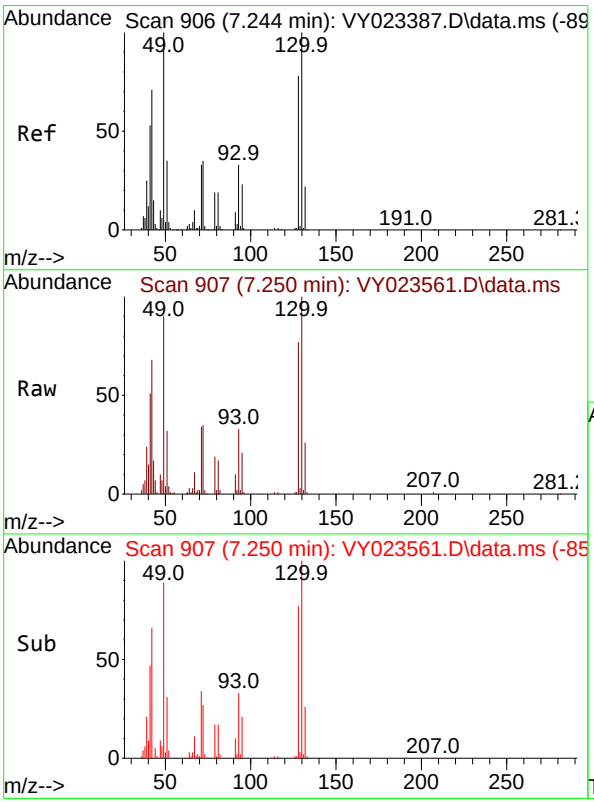
#27
cis-1,2-Dichloroethene
Concen: 20.884 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 96 Resp: 130666

Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	258.2
98	65.3	0.0	132.0

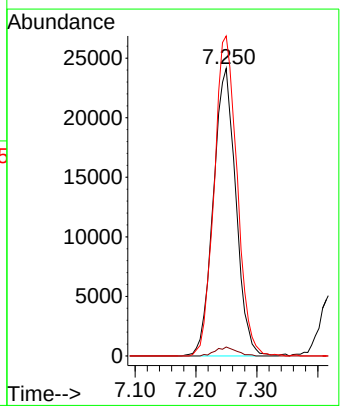


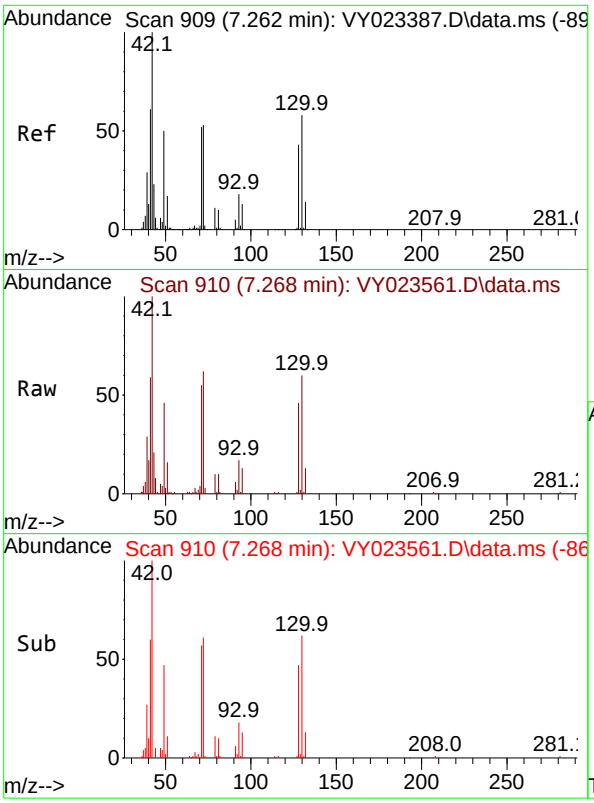


#28
Bromochloromethane
Concen: 18.871 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 49 Resp: 61891

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	113.1	81.9	122.9



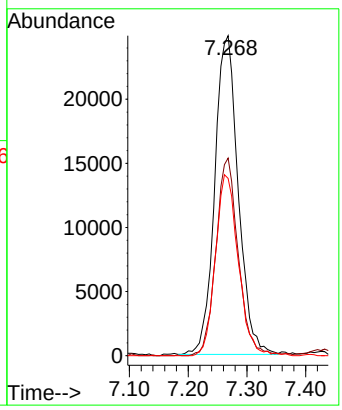


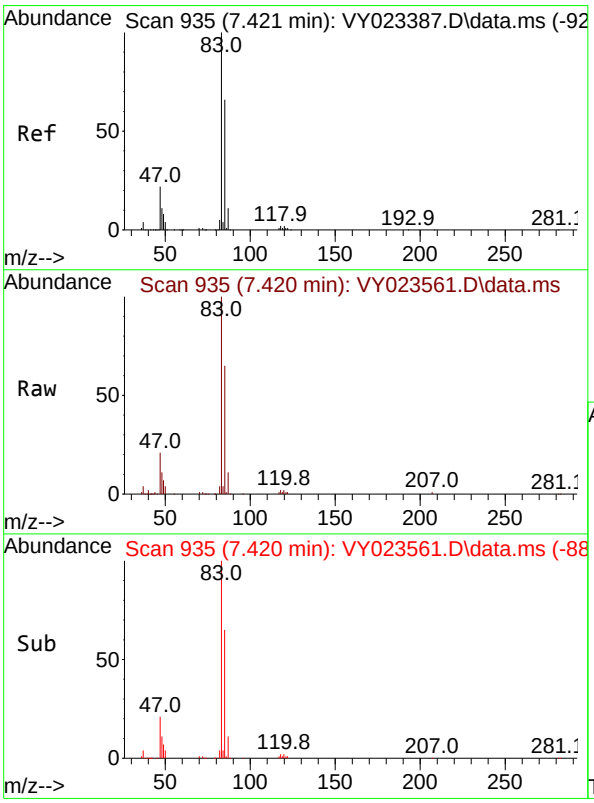
#29
Tetrahydrofuran
Concen: 90.887 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 42 Resp: 69086

Ion	Ratio	Lower	Upper
42	100		
72	59.0	43.0	64.6
71	55.3	40.1	60.1

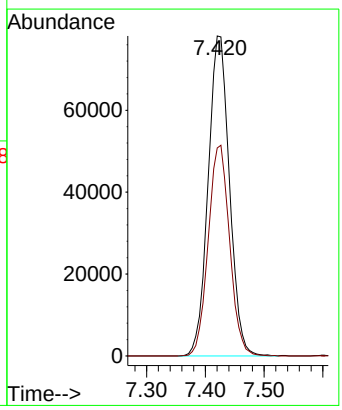


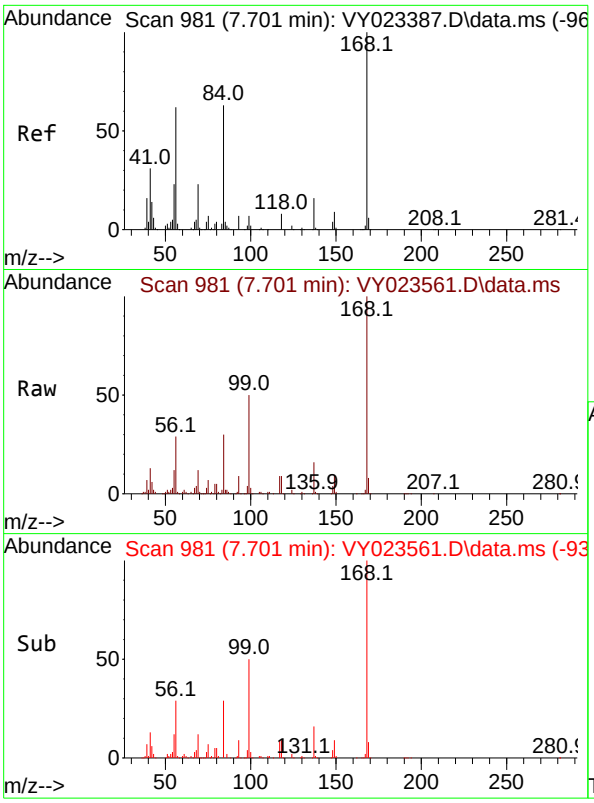


#30
Chloroform
Concen: 20.417 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 83 Resp: 197077

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7



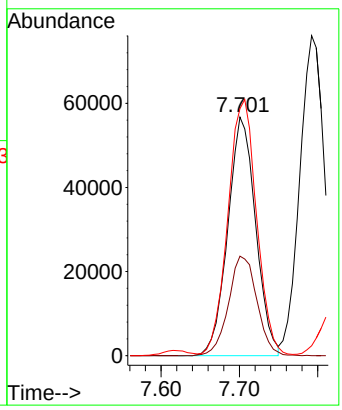


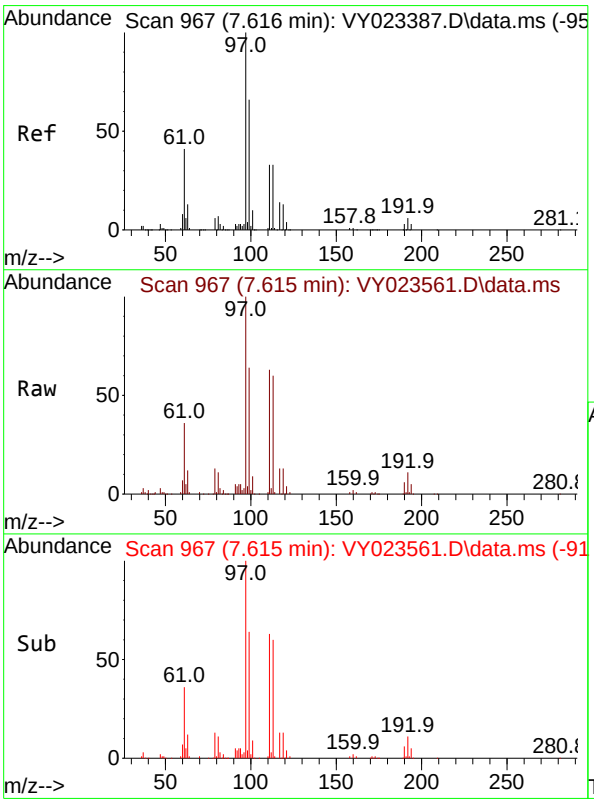
#31
Cyclohexane
Concen: 18.272 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 56 Resp: 140190

Ion	Ratio	Lower	Upper
56	100		
69	41.3	30.0	45.0
84	101.5	81.2	121.8

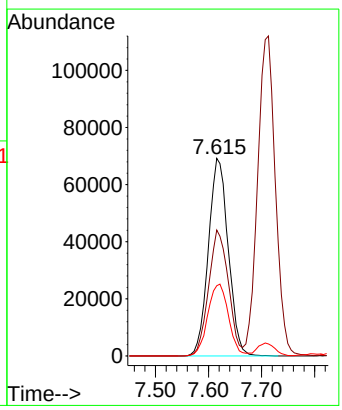


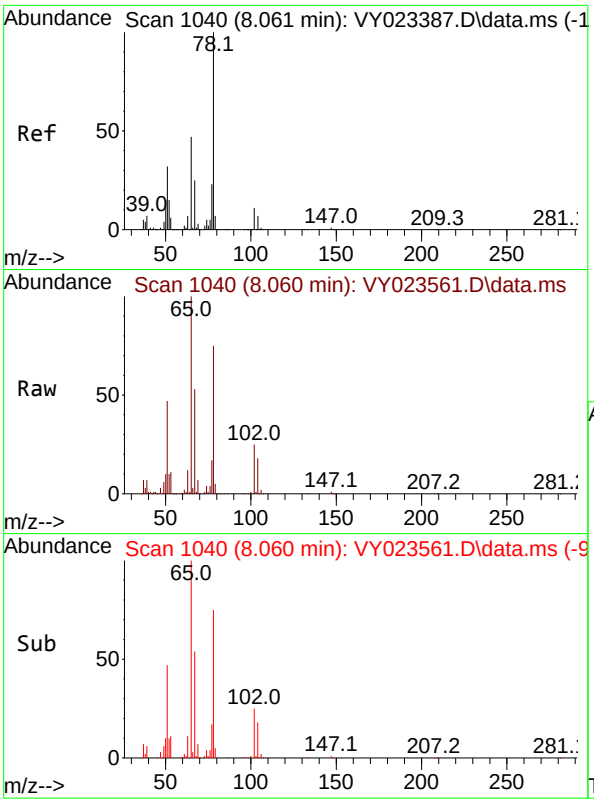


#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 97 Resp: 179638

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	38.0	31.9	47.9



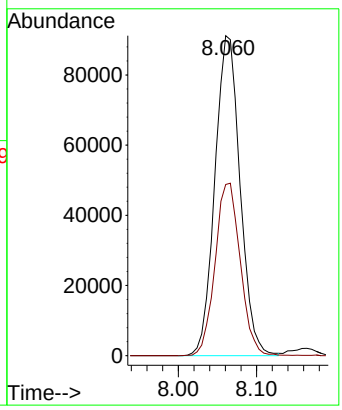


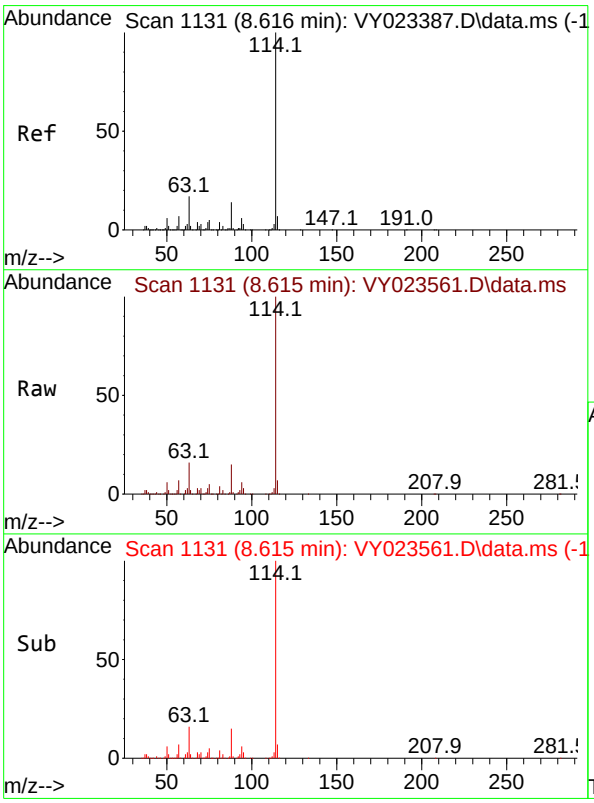
#33
1,2-Dichloroethane-d4
Concen: 44.218 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 65 Resp: 203935

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.8

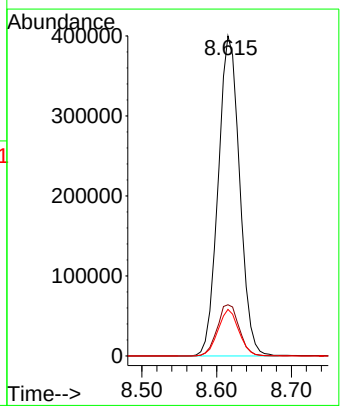


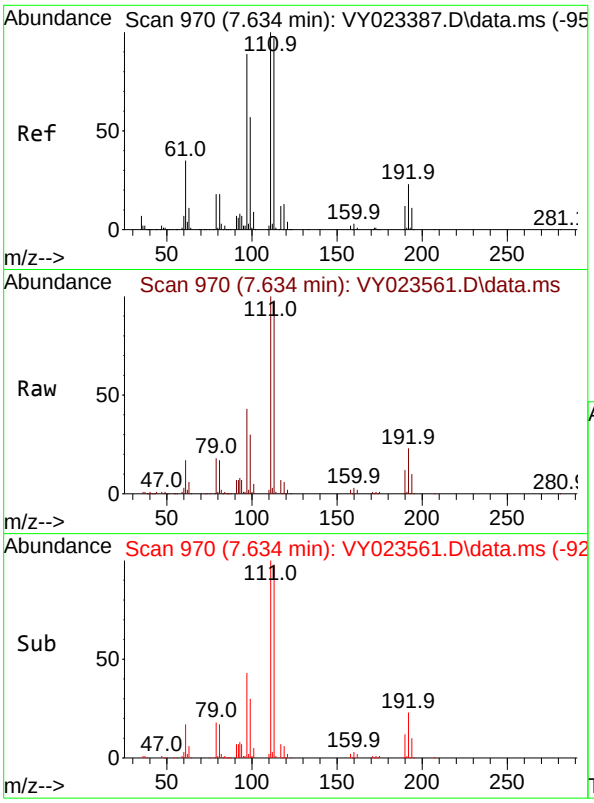


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:114 Resp: 799010

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	34.2
88	14.6	0.0	28.4



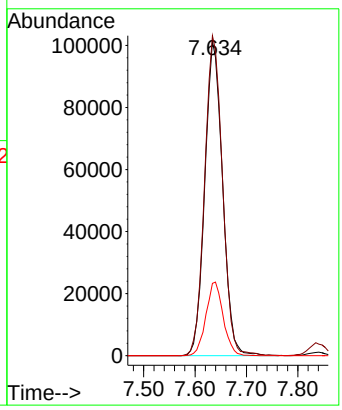


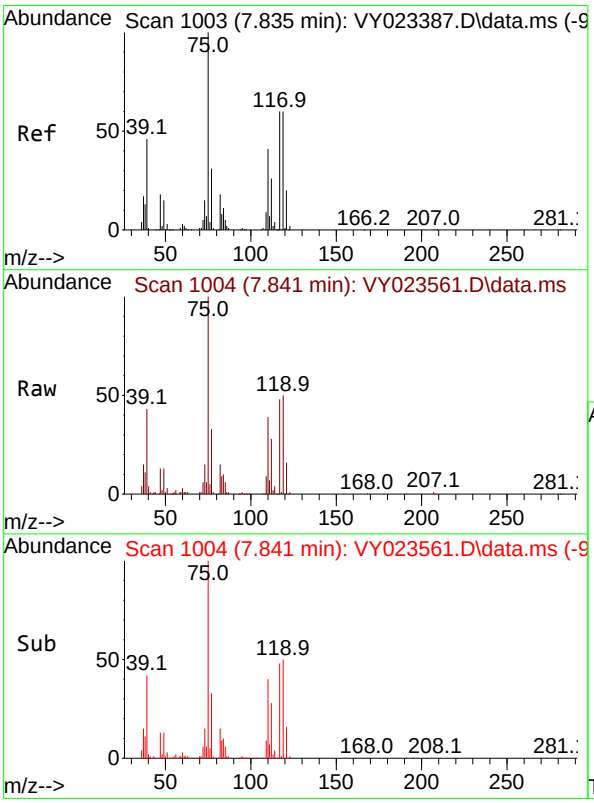
#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:113 Resp: 243016

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.8	18.0	27.0

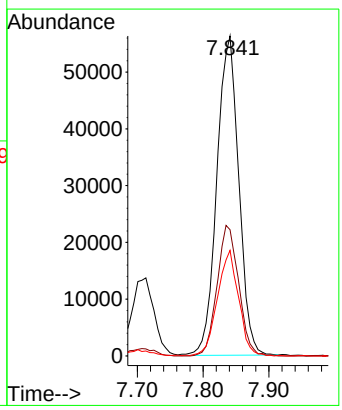


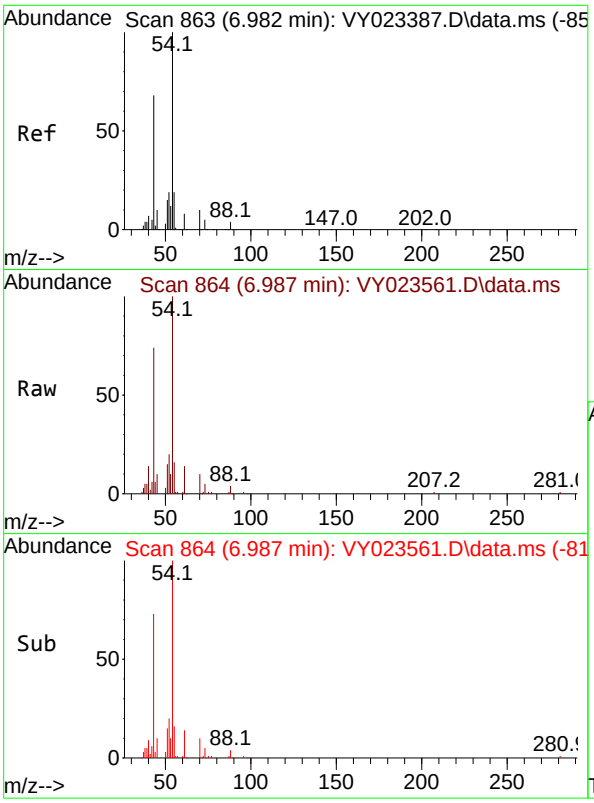


#36
1,1-Dichloropropene
Concen: 20.089 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 130575

Ion	Ratio	Lower	Upper
75	100		
110	40.3	19.9	59.7
77	32.0	25.0	37.6



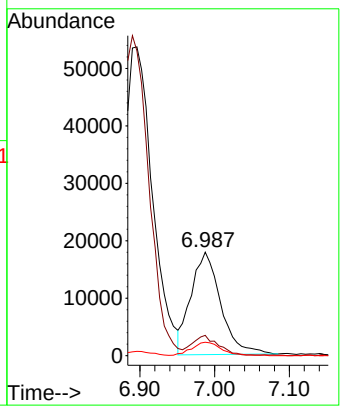


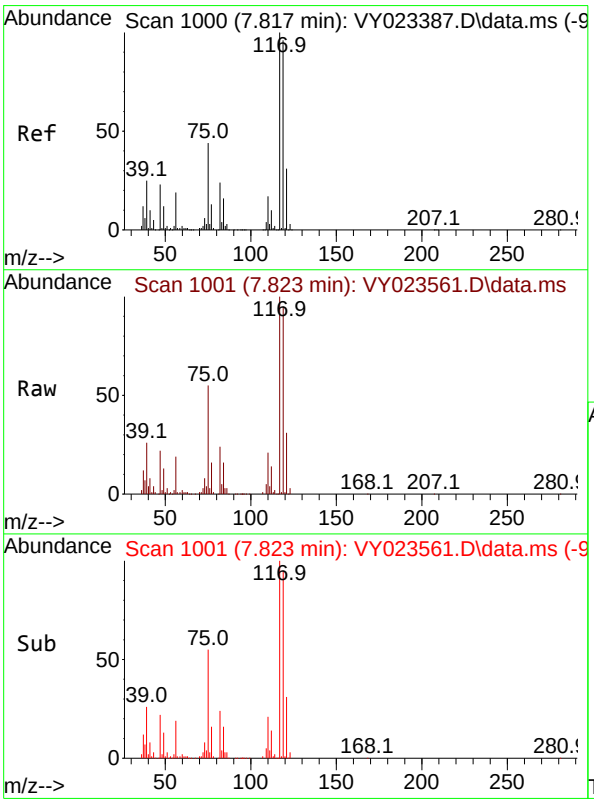
#37
Ethyl Acetate
Concen: 19.142 ug/l
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 49292

Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.8	17.8
70	13.3	10.5	15.7

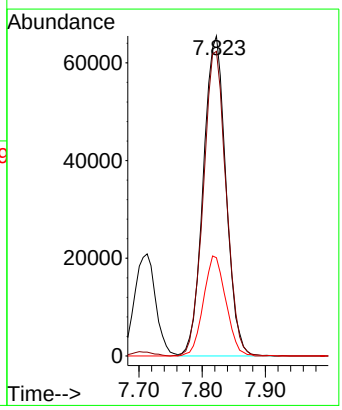


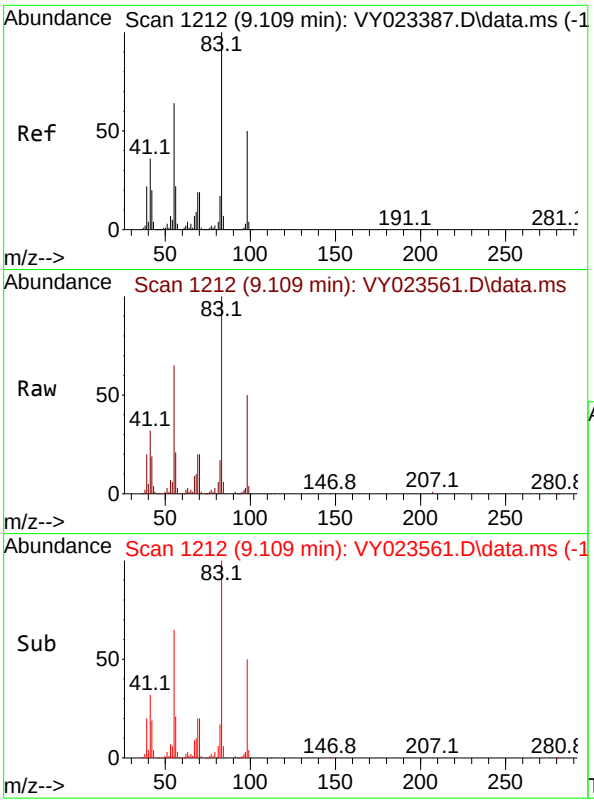


#38
Carbon Tetrachloride
Concen: 20.617 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:117 Resp: 162485

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
121	30.7	24.5	36.7



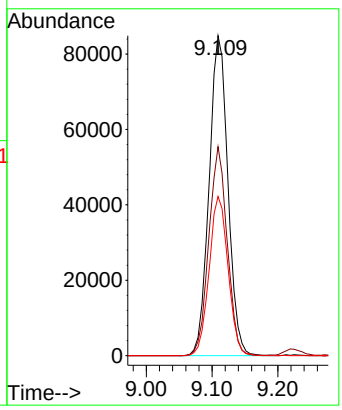


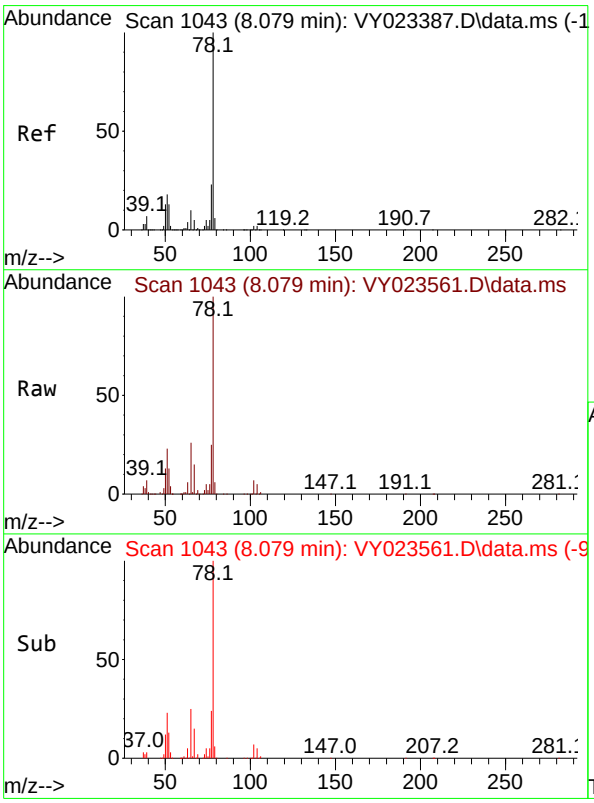
#39
Methylcyclohexane
Concen: 19.984 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 83 Resp: 169117

Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.4	77.2
98	49.7	40.4	60.6

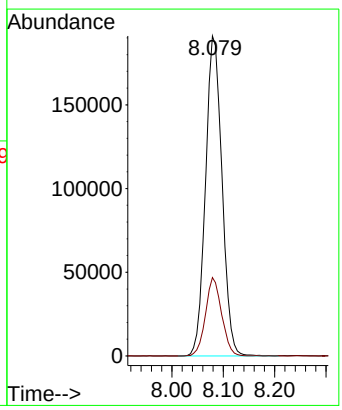


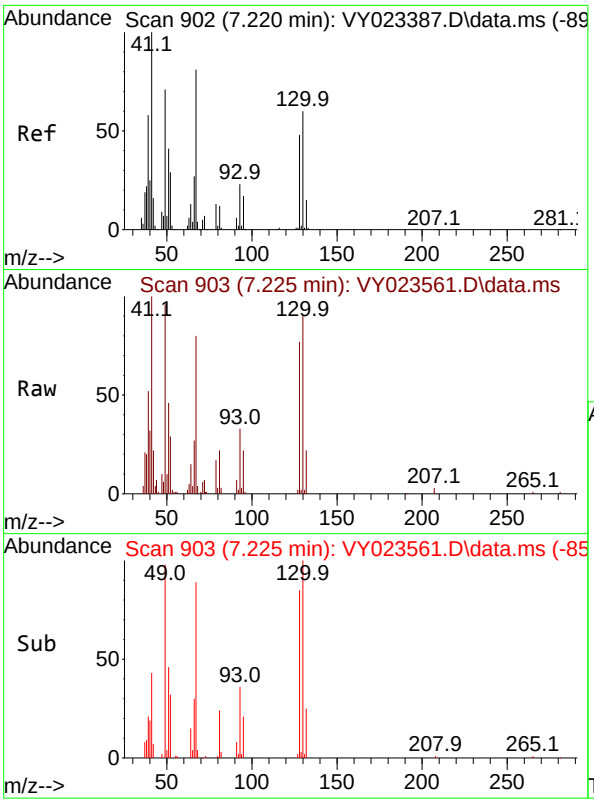


#40
Benzene
Concen: 20.712 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 78 Resp: 426341

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.3	27.5



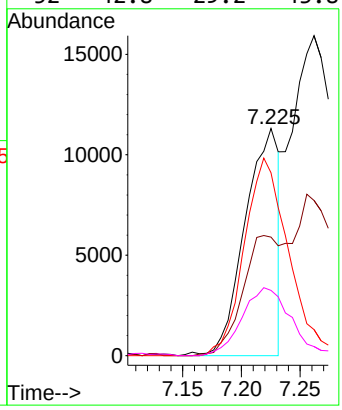


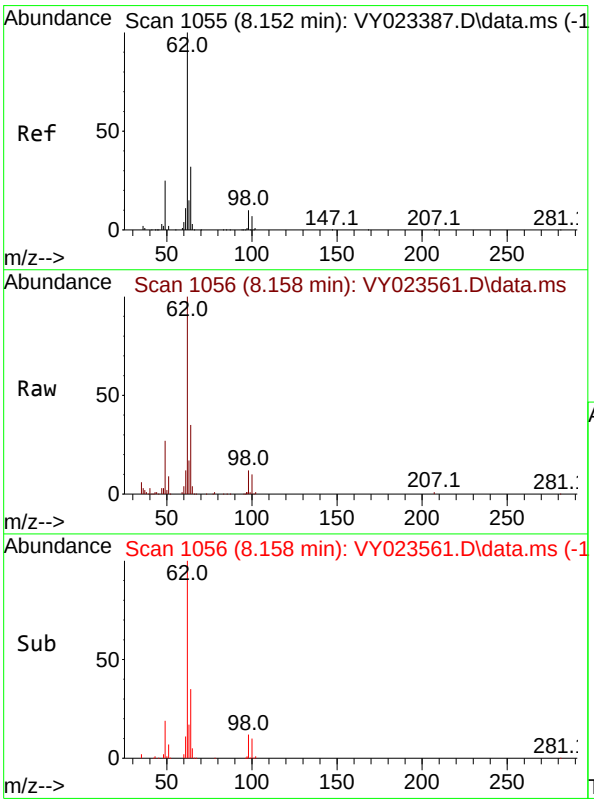
#41
Methacrylonitrile
Concen: 16.378 ug/l
RT: 7.225 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 41 Resp: 22809

Ion	Ratio	Lower	Upper
41	100		
39	55.7	52.2	78.4
67	113.7	74.9	112.3#
52	42.8	29.2	43.8

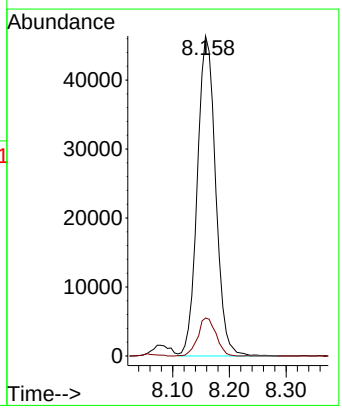


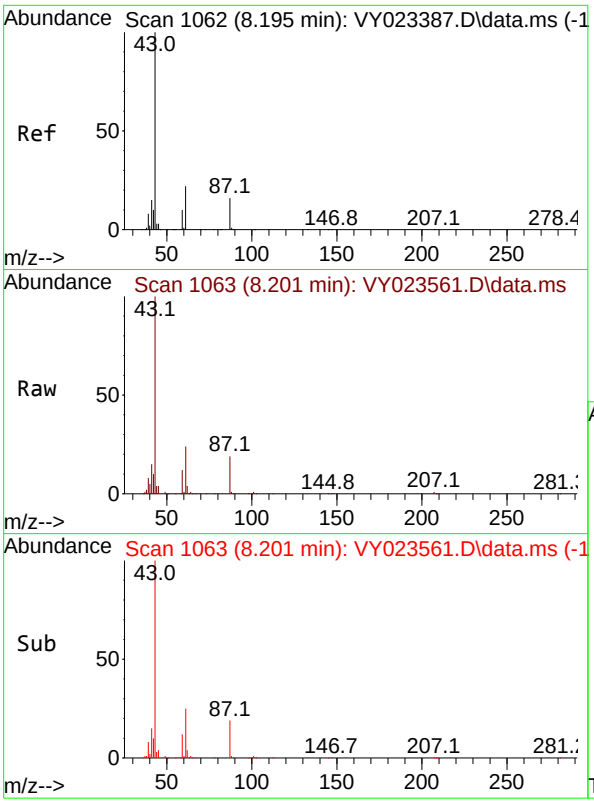


#42
1,2-Dichloroethane
Concen: 19.599 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 62 Resp: 104042

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6



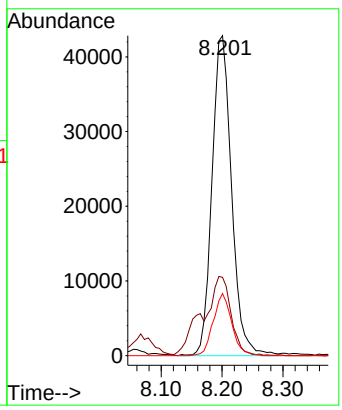


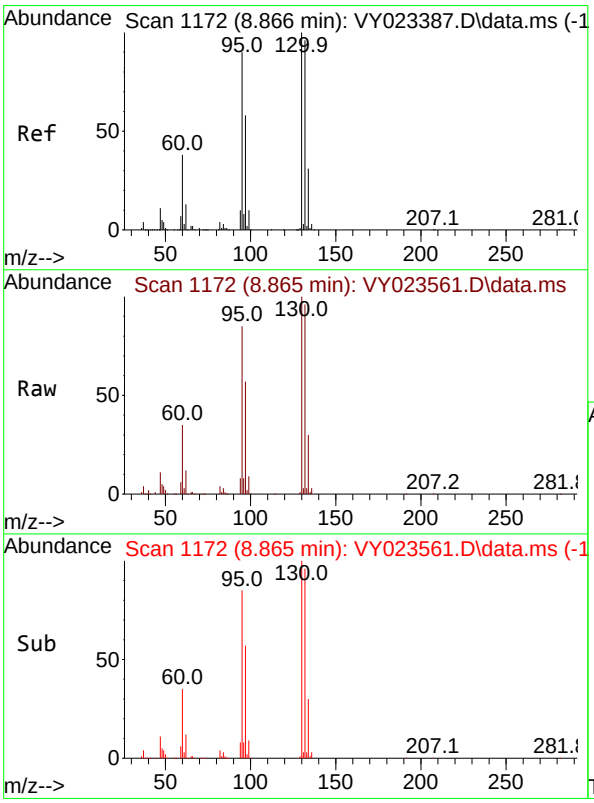
#43
Isopropyl Acetate
Concen: 18.643 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 95722

Ion	Ratio	Lower	Upper
43	100		
61	25.4	18.1	27.1
87	18.4	13.5	20.3

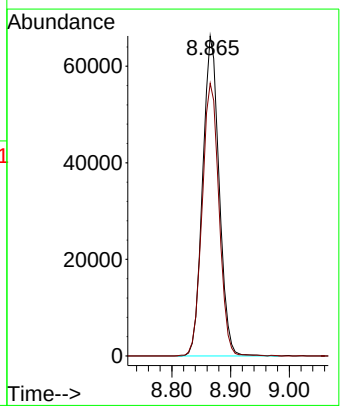


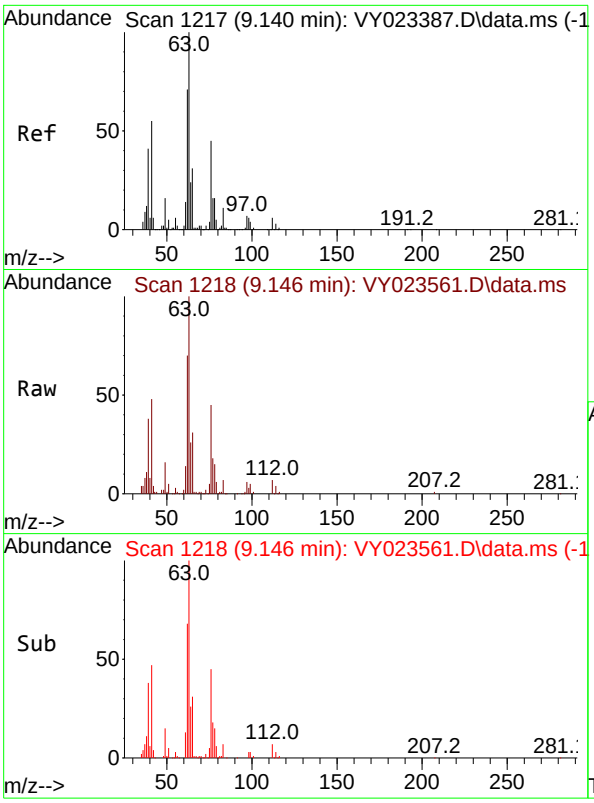


#44
Trichloroethene
Concen: 21.383 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:130 Resp: 128825

Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	180.6



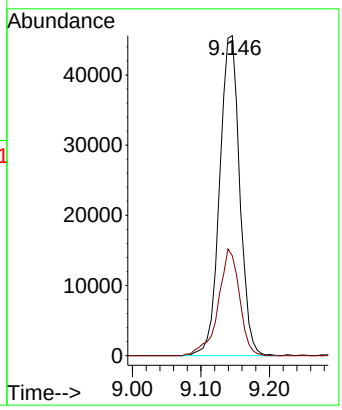


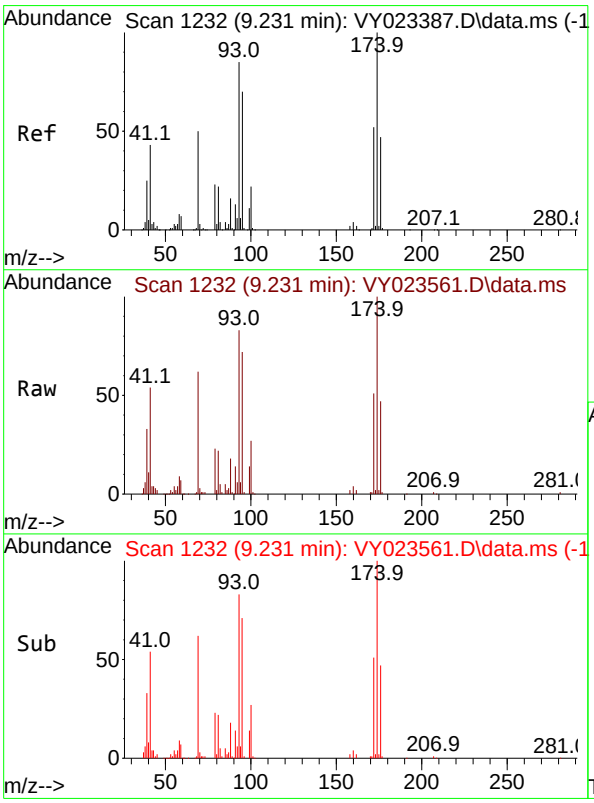
#45
1,2-Dichloropropane
Concen: 20.304 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 63 Resp: 92312

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

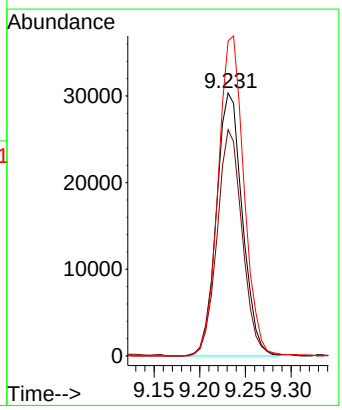


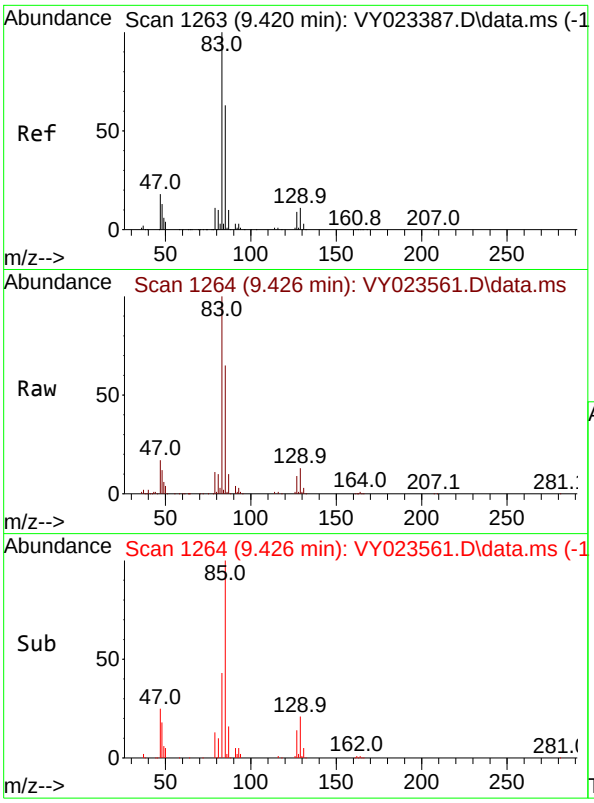


#46
Dibromomethane
Concen: 20.831 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 93 Resp: 59886

Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.0
174	121.2	92.9	139.3



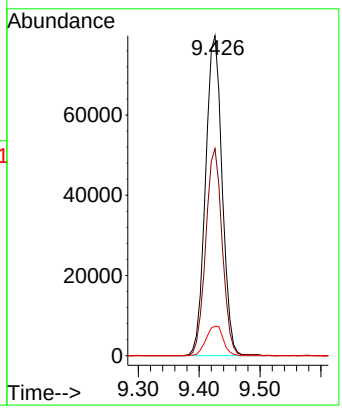


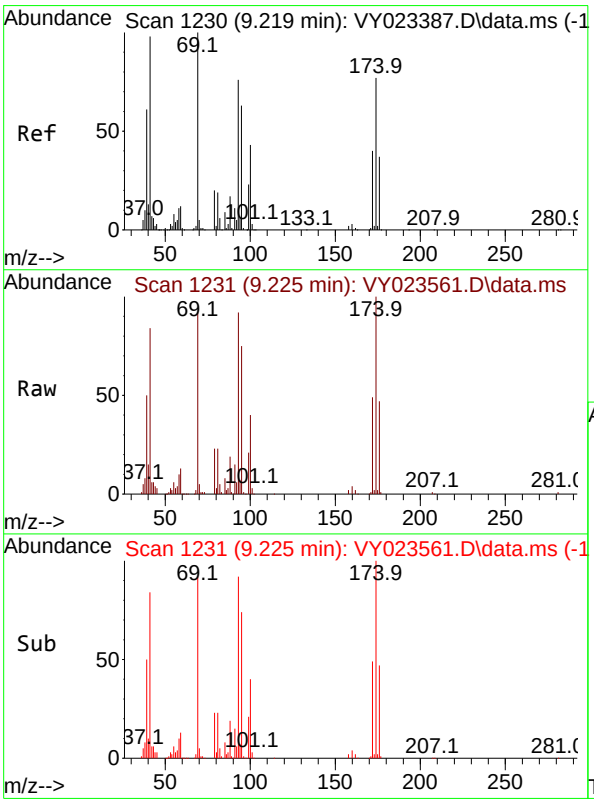
#47
Bromodichloromethane
Concen: 20.839 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 83 Resp: 150883

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.8	76.2
127	9.2	7.4	11.2

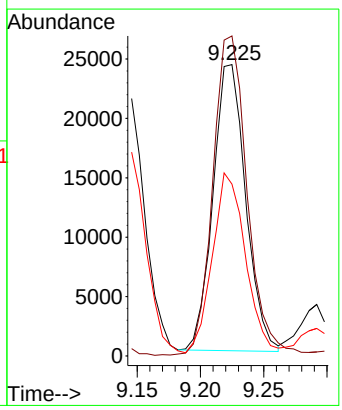


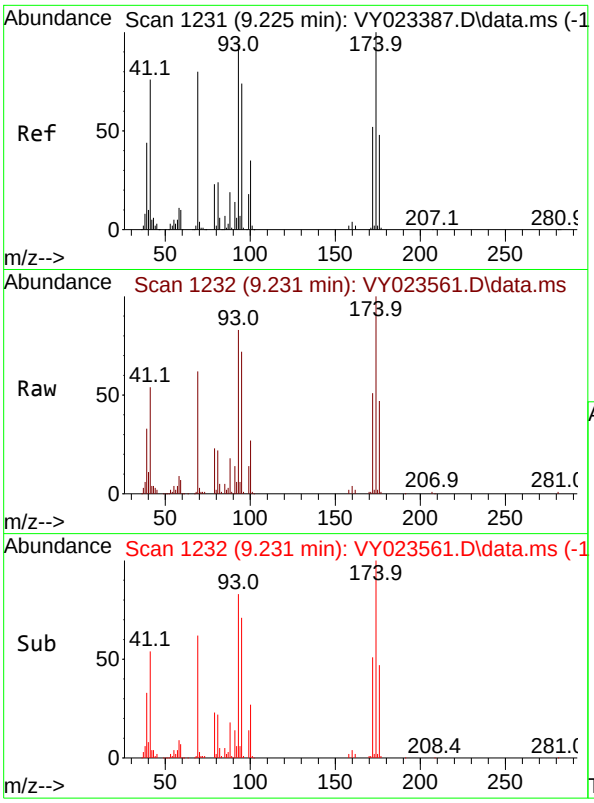


#48
Methyl methacrylate
Concen: 17.966 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 41 Resp: 43337

Ion	Ratio	Lower	Upper
41	100		
69	116.4	81.0	121.4
39	63.2	48.2	72.4



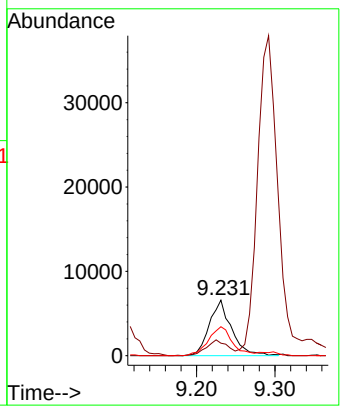


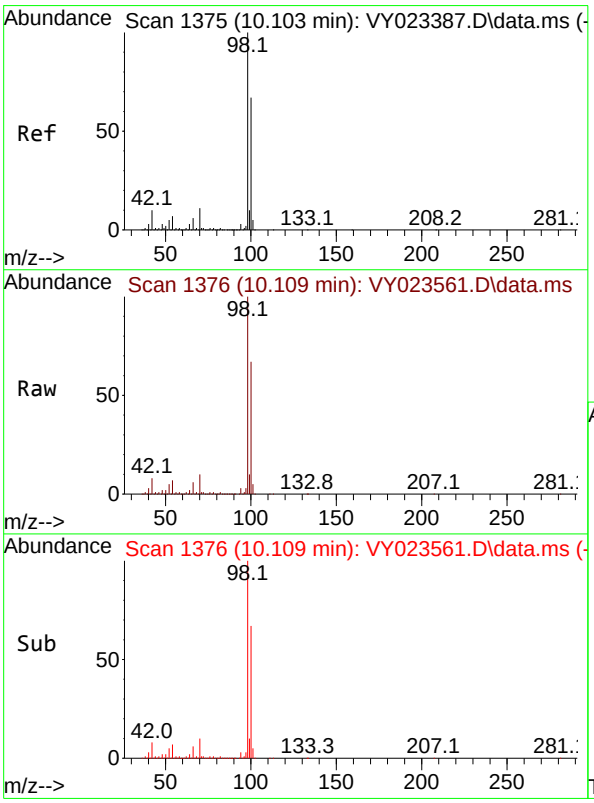
#49
1,4-Dioxane
Concen: 389.621 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 88 Resp: 12987

Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.8	32.8
58	55.9	46.8	70.2

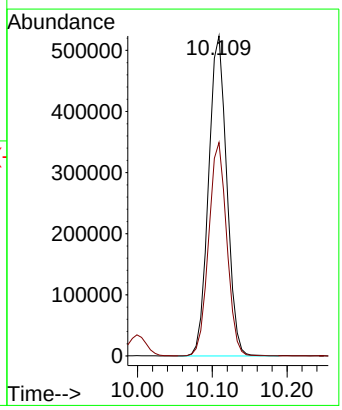


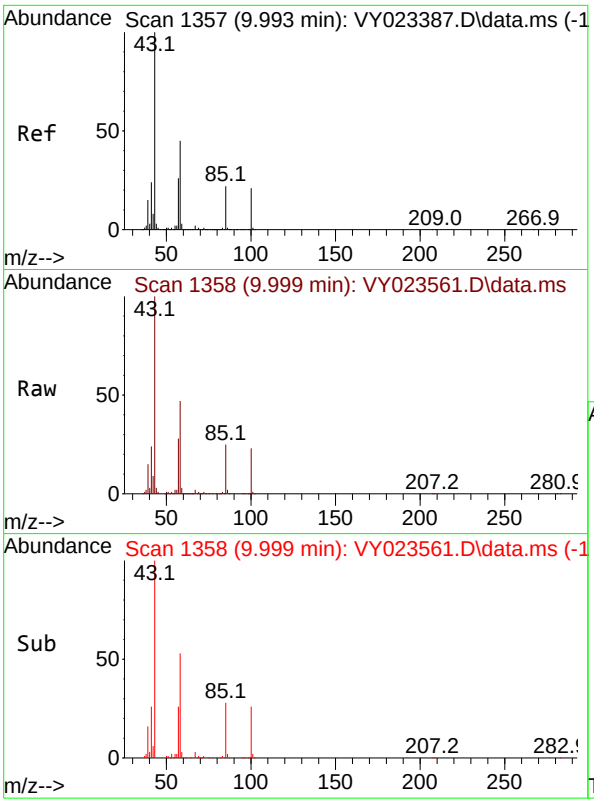


#50
Toluene-d8
Concen: 48.371 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 98 Resp: 884395

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



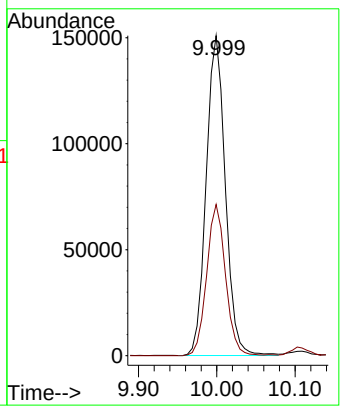


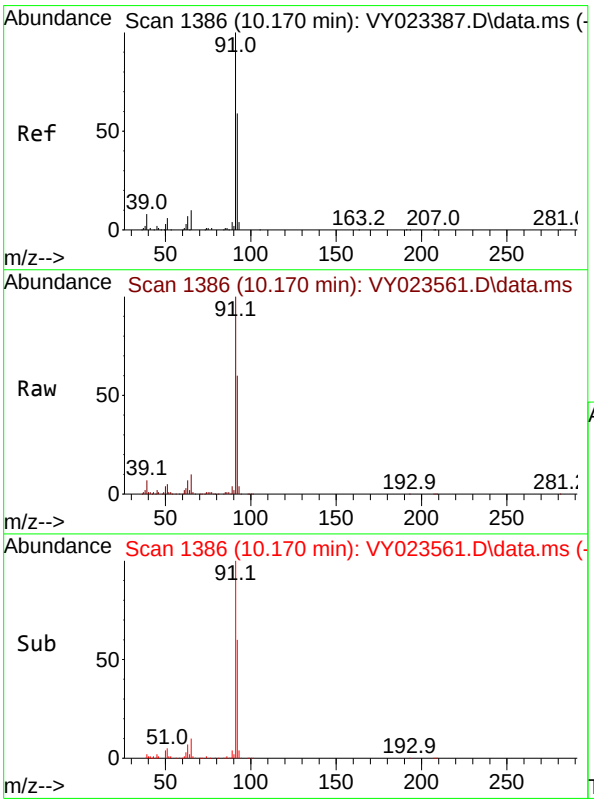
#51
4-Methyl-2-Pentanone
Concen: 96.362 ug/l
RT: 9.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 255637

Ion	Ratio	Lower	Upper
43	100		
58	46.6	35.3	52.9

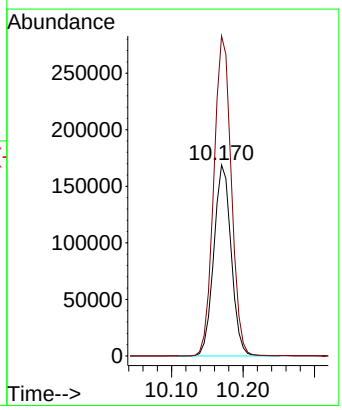


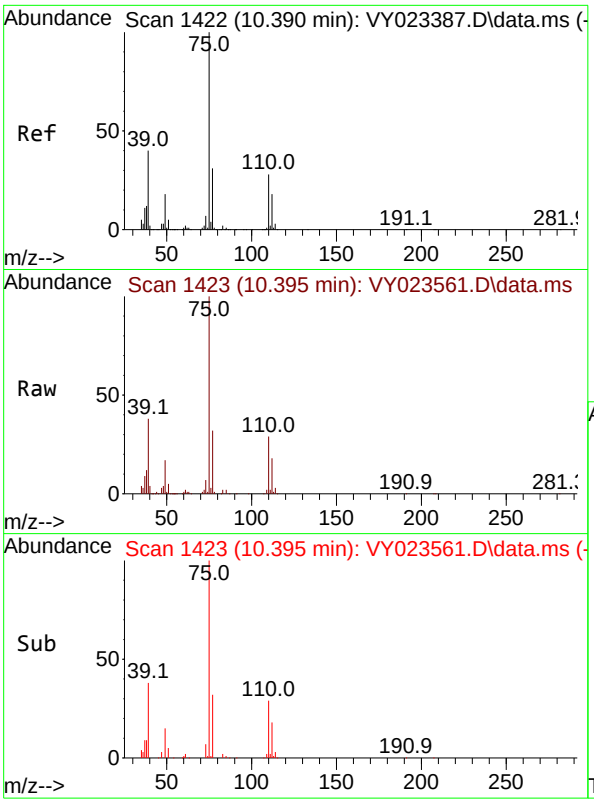


#52
Toluene
Concen: 21.281 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 92 Resp: 284413

Ion	Ratio	Lower	Upper
92	100		
91	168.8	136.4	204.6



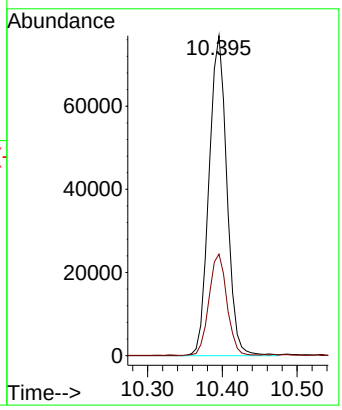


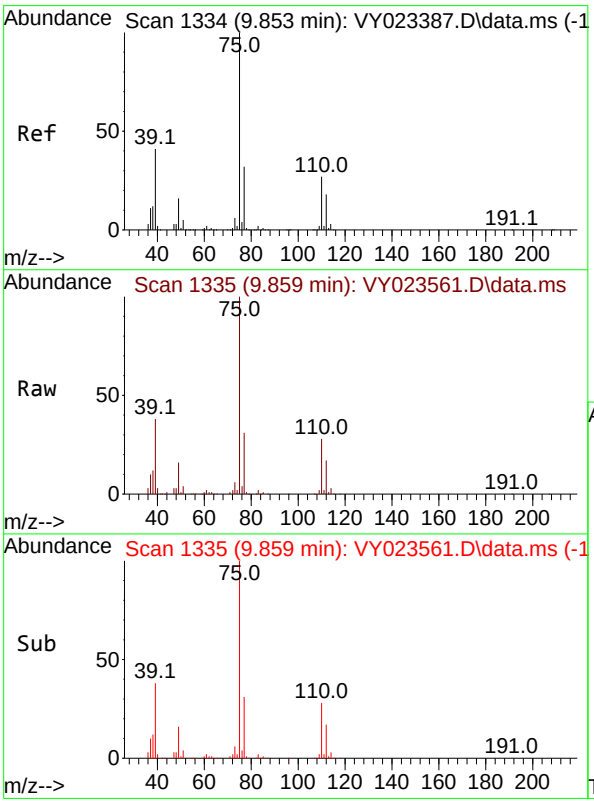
#53
t-1,3-Dichloropropene
Concen: 20.264 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 75 Resp: 127577

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7

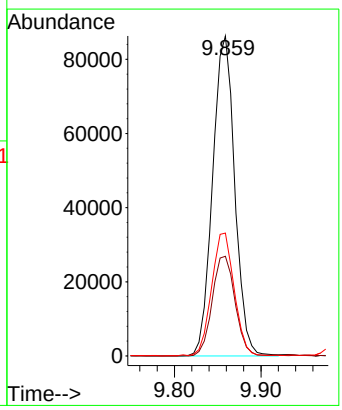


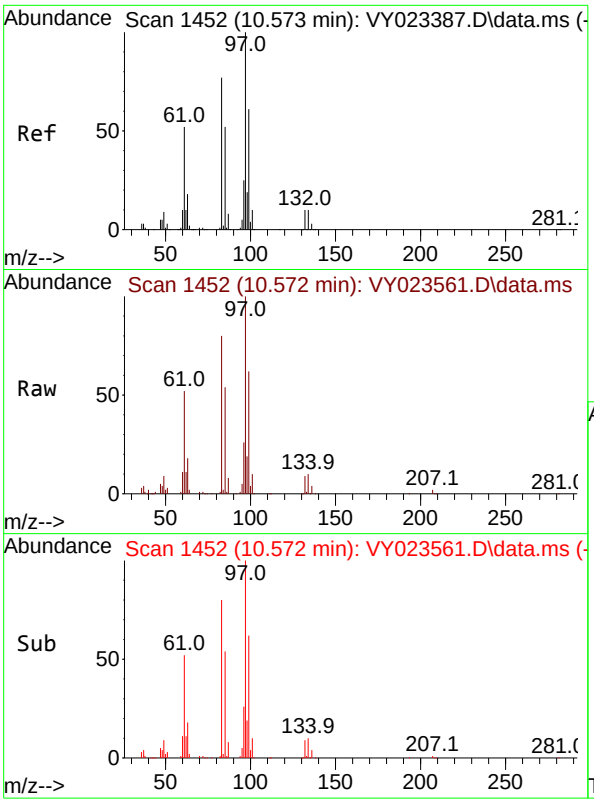


#54
cis-1,3-Dichloropropene
Concen: 20.608 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 153131

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0
39	38.3	32.8	49.2



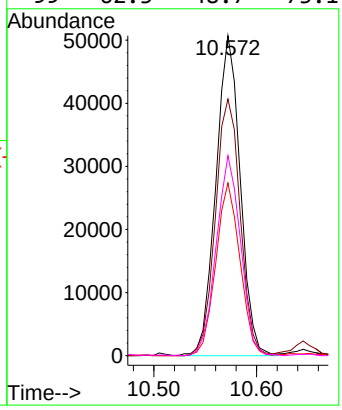


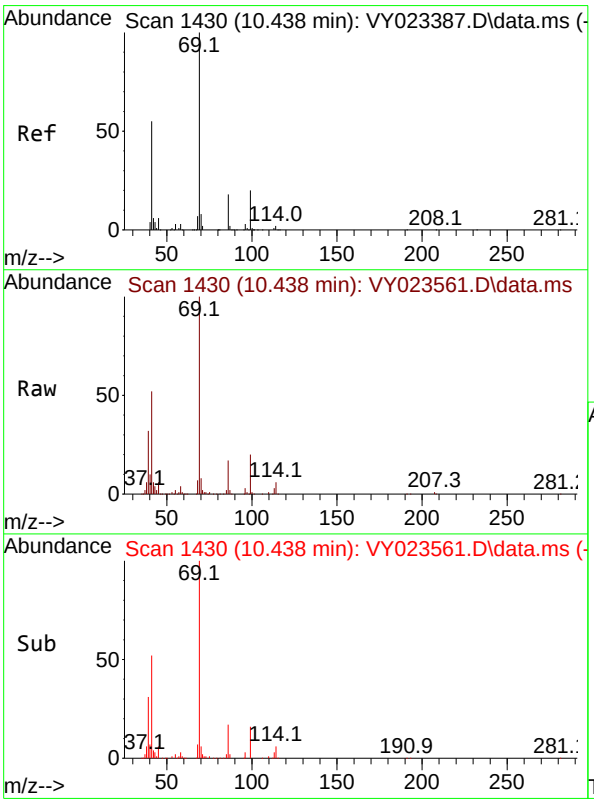
#55
1,1,2-Trichloroethane
Concen: 21.587 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 97 Resp: 83454

Ion	Ratio	Lower	Upper
97	100		
83	80.2	61.8	92.6
85	53.9	41.3	61.9
99	62.3	48.7	73.1

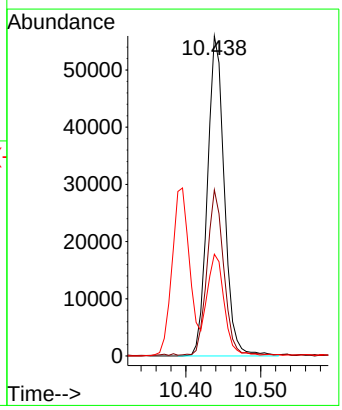


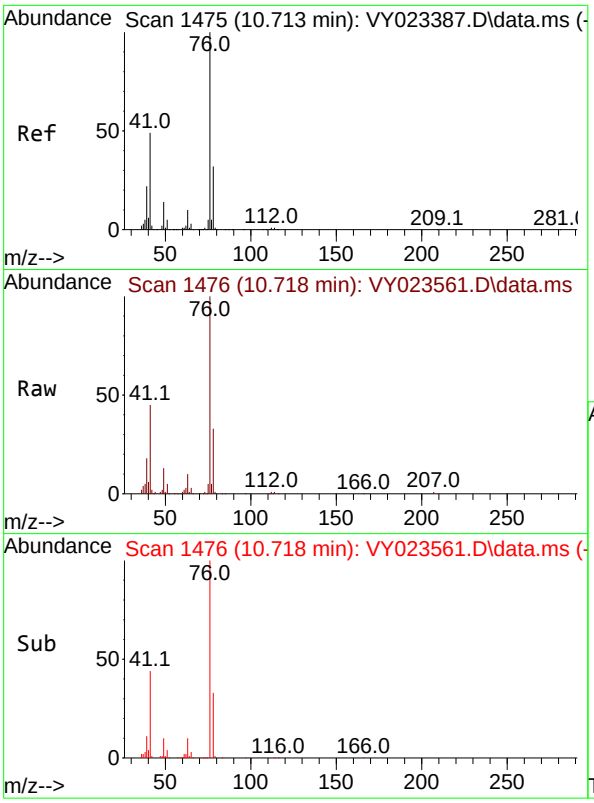


#56
Ethyl methacrylate
Concen: 19.752 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 69 Resp: 88085

Ion	Ratio	Lower	Upper
69	100		
41	50.5	44.6	67.0
39	31.1	27.0	40.4



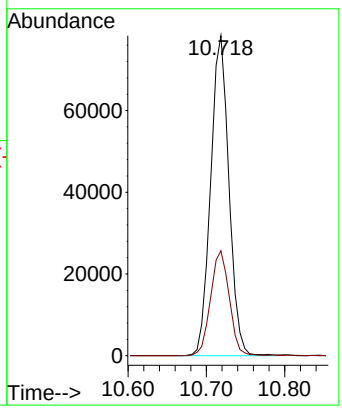


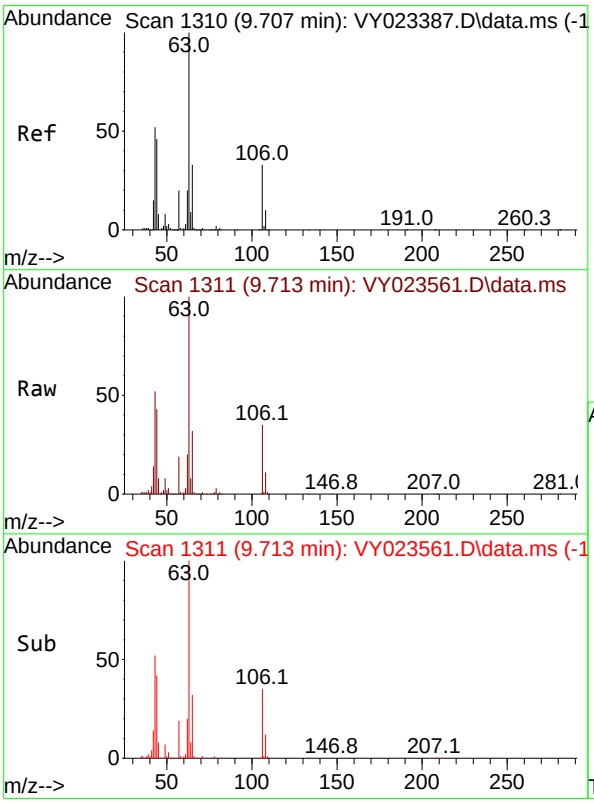
#57
1,3-Dichloropropane
Concen: 20.716 ug/l
RT: 10.718 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 76 Resp: 126908

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.9	38.9

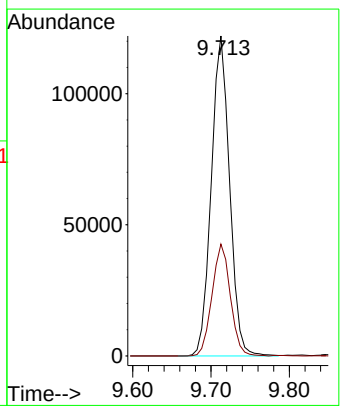


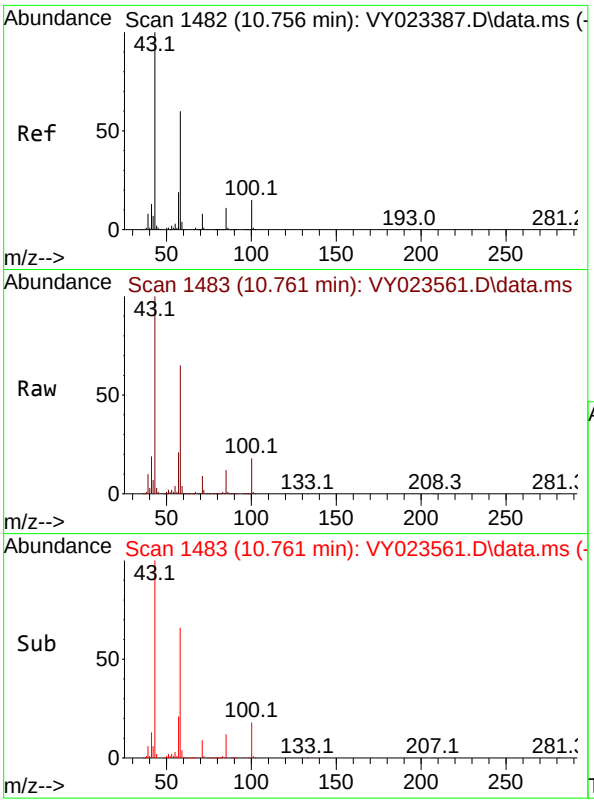


#58
2-Chloroethyl Vinyl ether
Concen: 99.163 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 63 Resp: 198103

Ion	Ratio	Lower	Upper
63	100		
106	34.9	26.6	39.8



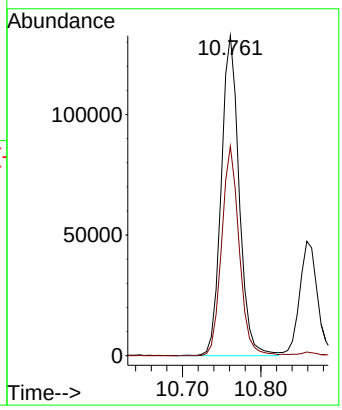


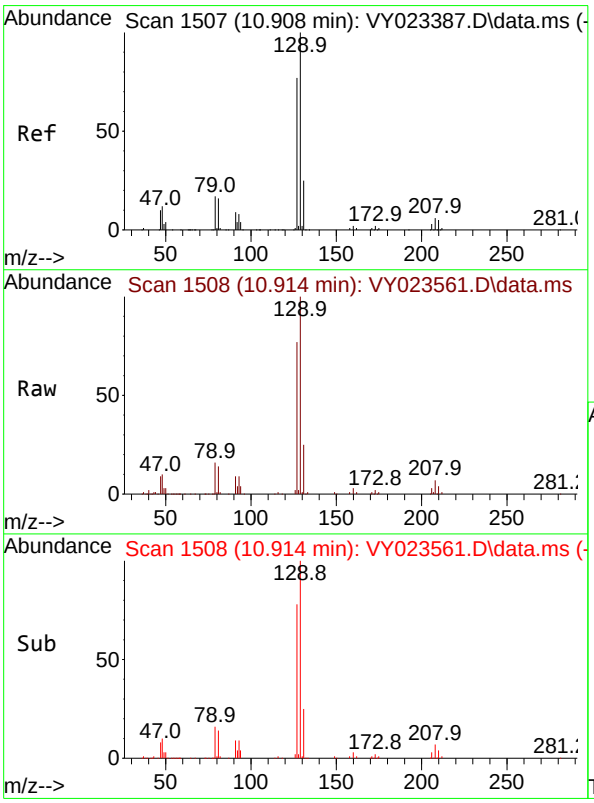
#59
2-Hexanone
Concen: 111.416 ug/l
RT: 10.761 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 43 Resp: 211229

Ion	Ratio	Lower	Upper
43	100		
58	64.1	30.5	91.5

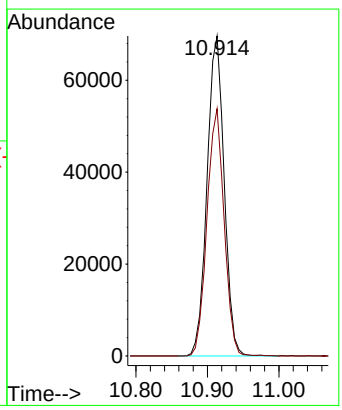


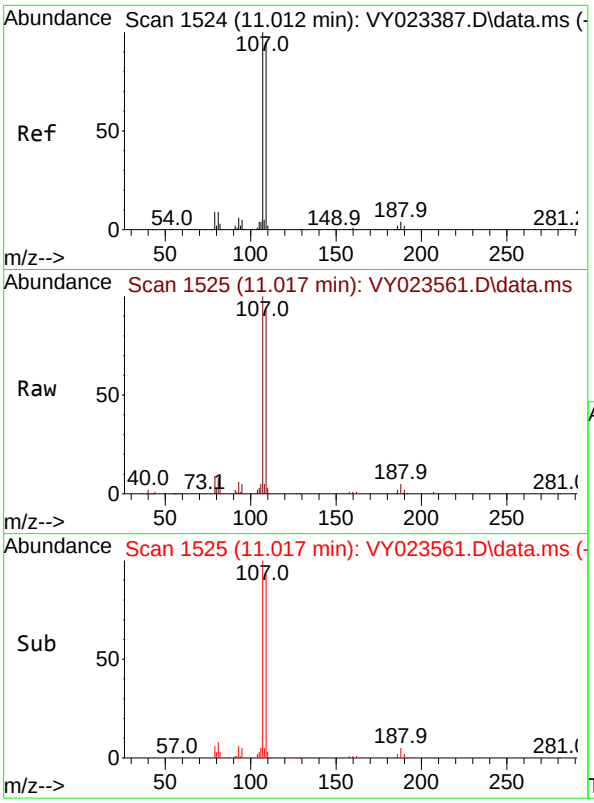


#60
Dibromochloromethane
Concen: 21.342 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:129 Resp: 115677

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	115.7



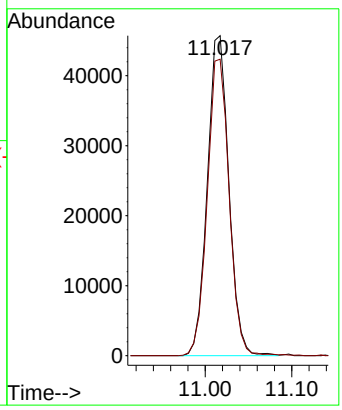


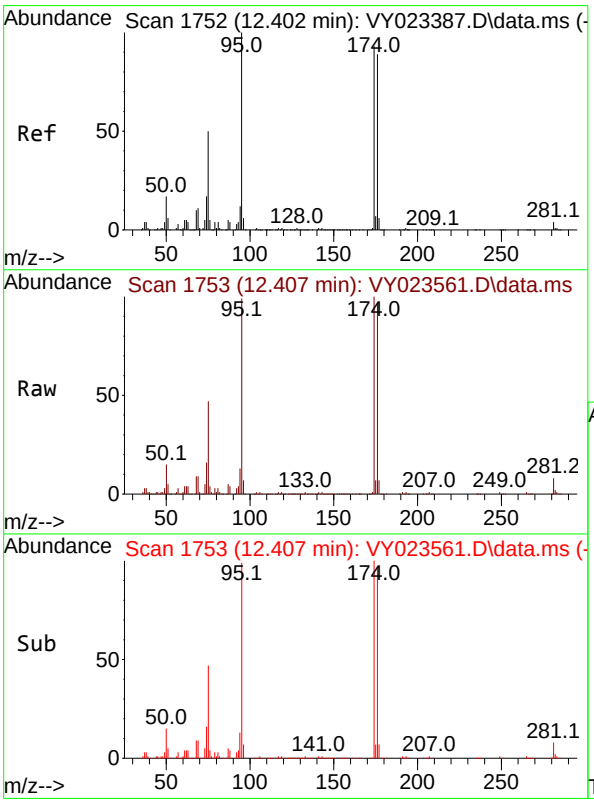
#61
1,2-Dibromoethane
Concen: 21.377 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:107 Resp: 78817

Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.1	114.1

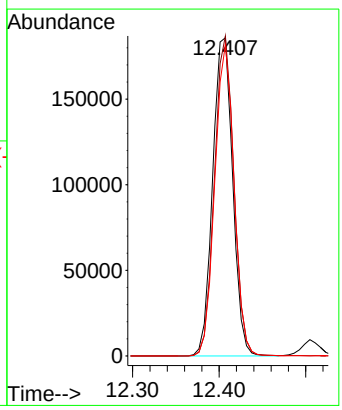


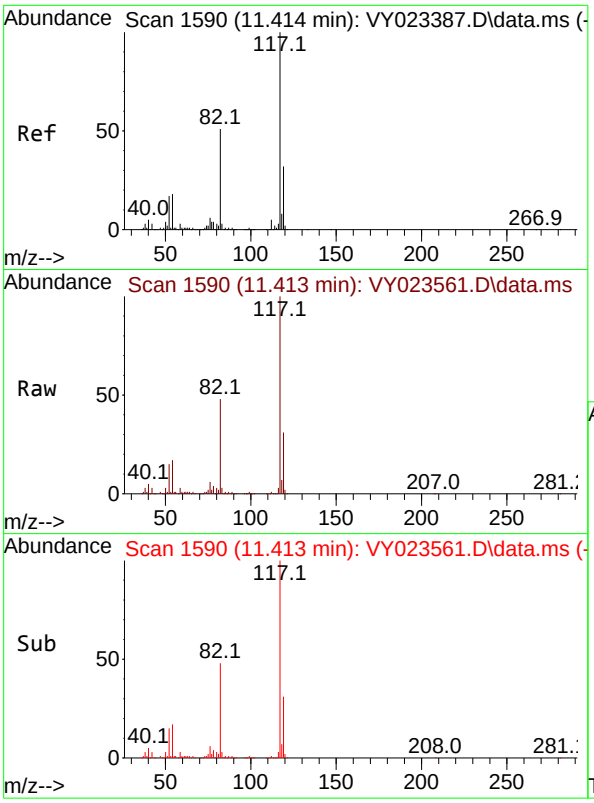


#62
4-Bromofluorobenzene
Concen: 49.317 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 95 Resp: 297693

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	192.8
176	94.3	0.0	187.6



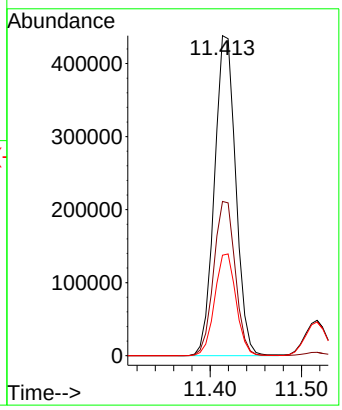


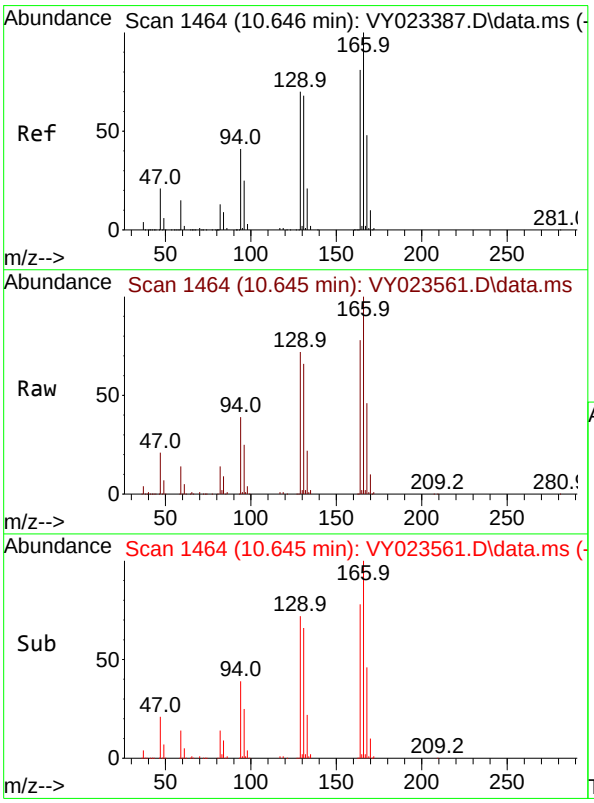
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:117 Resp: 709717

Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.0	61.4
119	31.4	25.6	38.4

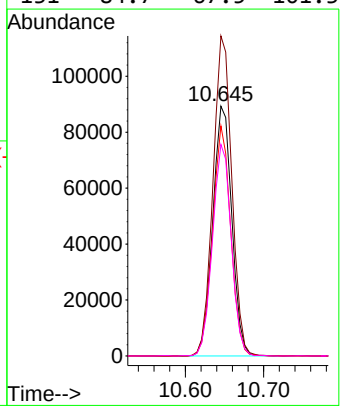


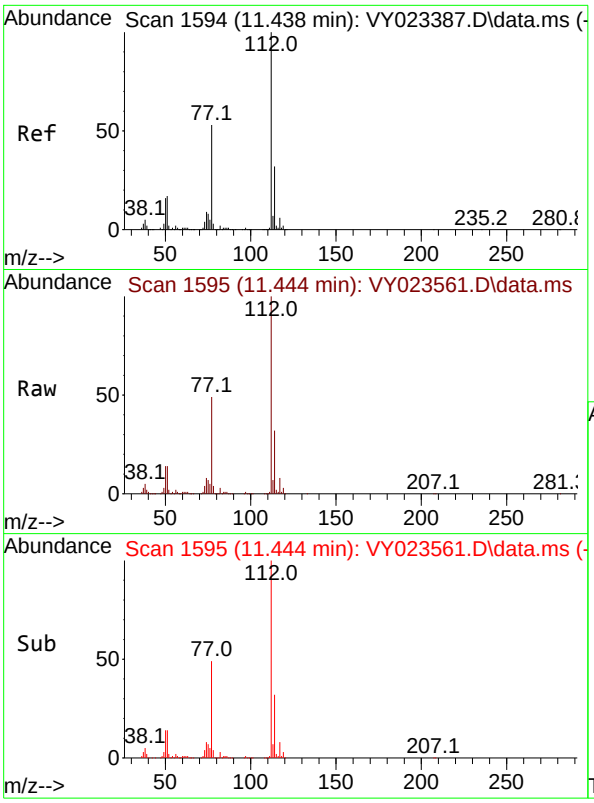


#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:164 Resp: 151245

Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	92.1	69.4	104.2
131	84.7	67.5	101.3



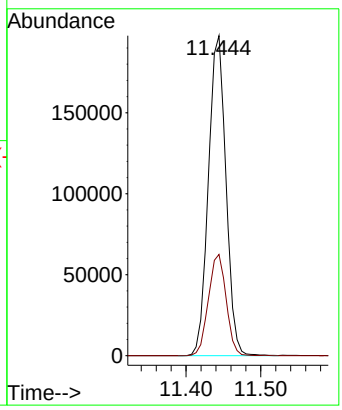


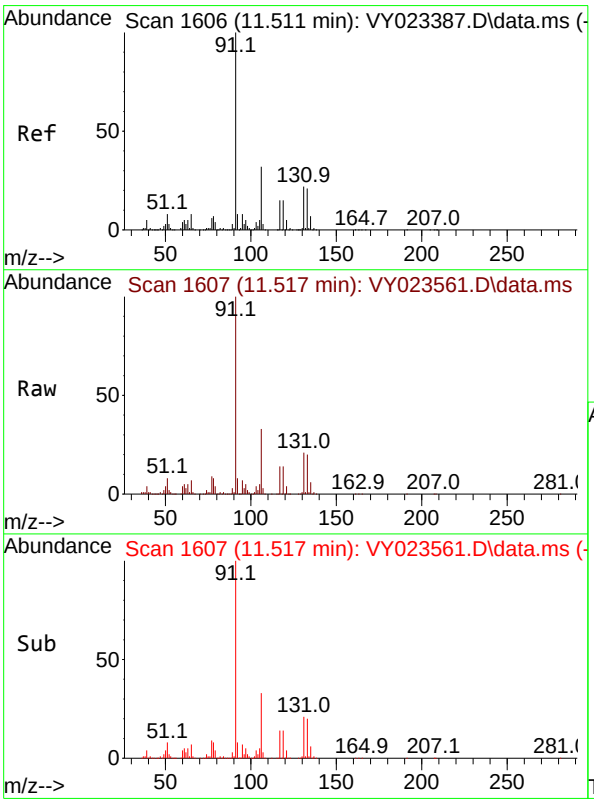
#65
Chlorobenzene
Concen: 20.861 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:112 Resp: 322004

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

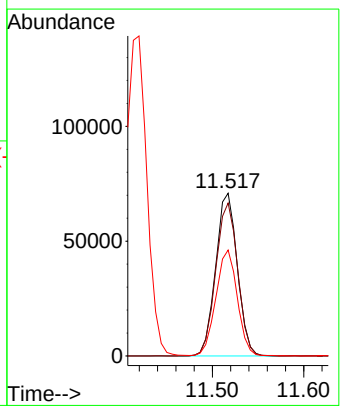


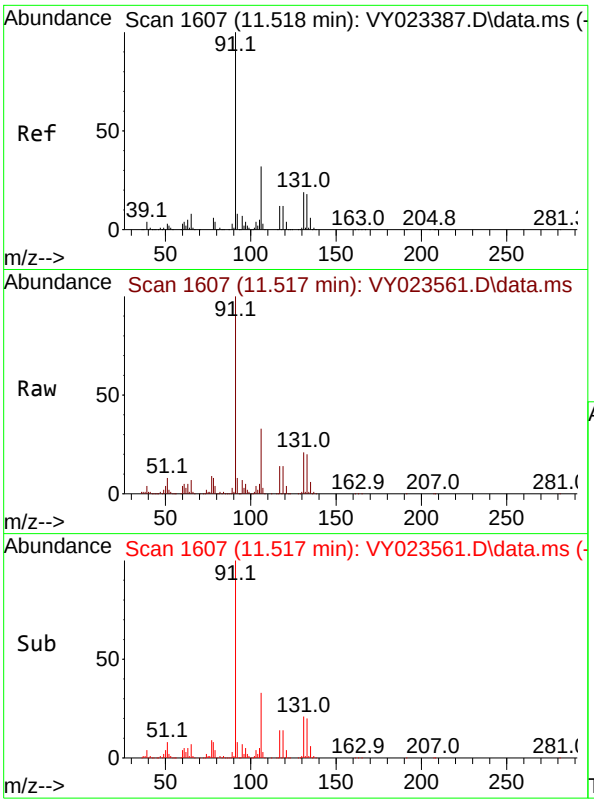


#66
1,1,1,2-Tetrachloroethane
Concen: 21.195 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:131 Resp: 116589

Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.4	145.2
119	64.8	32.4	97.2



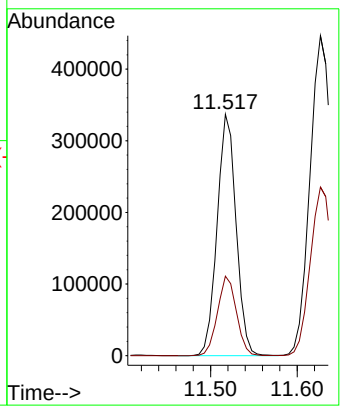


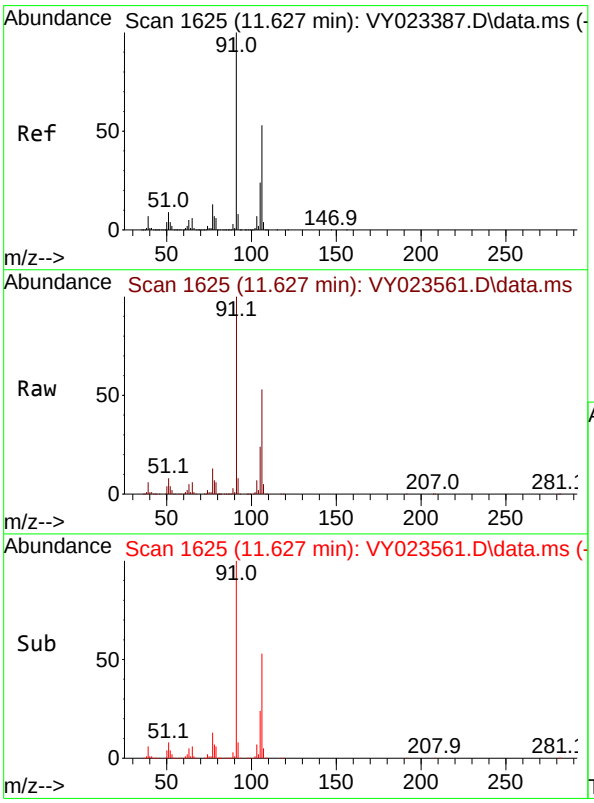
#67
Ethyl Benzene
Concen: 20.521 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 91 Resp: 512753

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.8	38.8

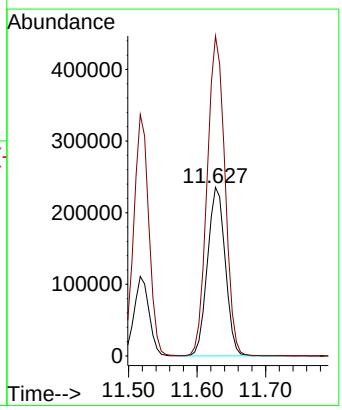


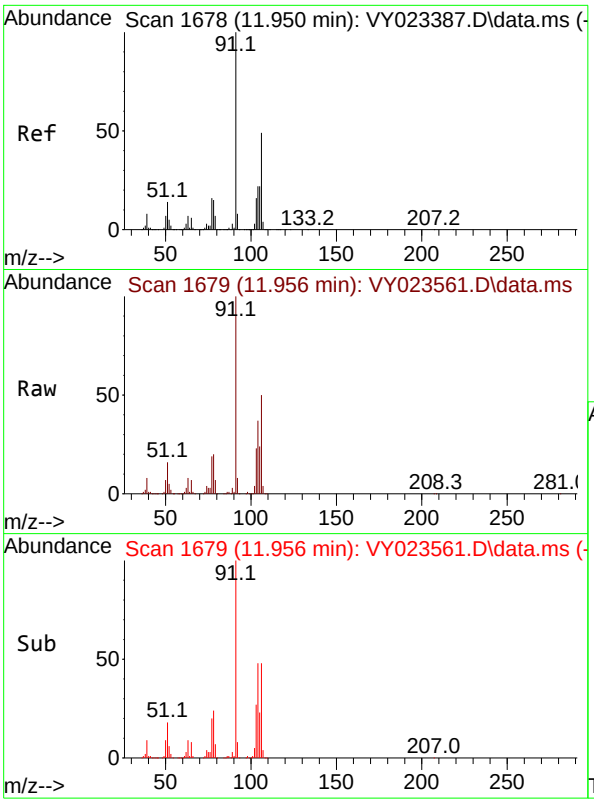


#68
m/p-Xylenes
Concen: 42.257 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:106 Resp: 423494

Ion	Ratio	Lower	Upper
106	100		
91	189.9	152.6	229.0



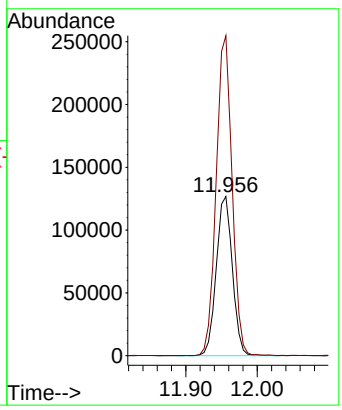


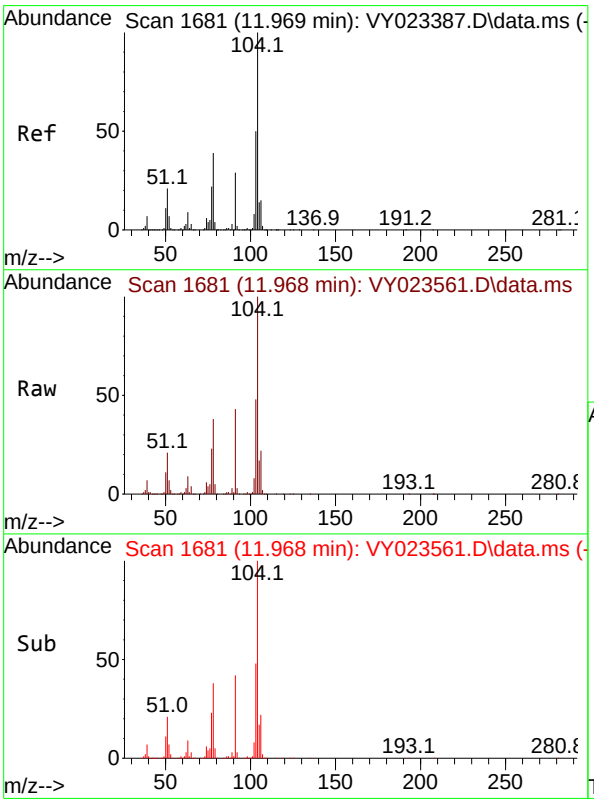
#69
o-Xylene
Concen: 21.072 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:106 Resp: 198083

Ion	Ratio	Lower	Upper
106	100		
91	198.1	101.4	304.1

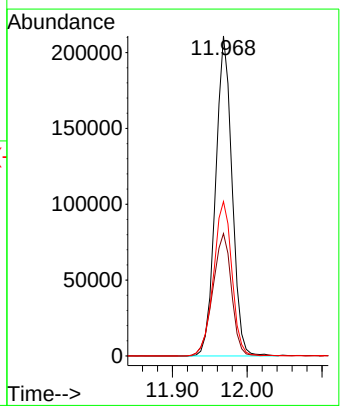


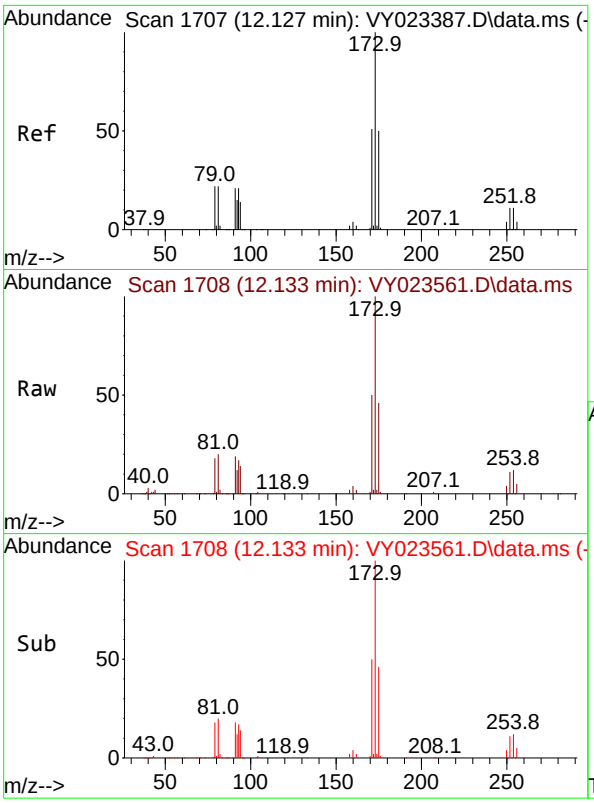


#70
Styrene
Concen: 20.949 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:104 Resp: 323830

Ion	Ratio	Lower	Upper
104	100		
78	43.4	36.1	54.1
103	53.7	43.2	64.8



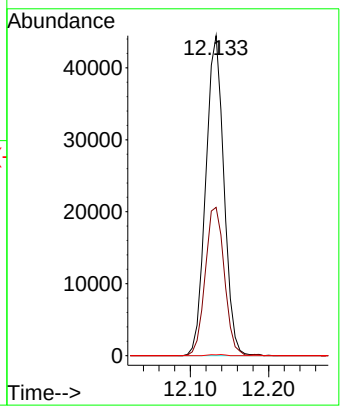


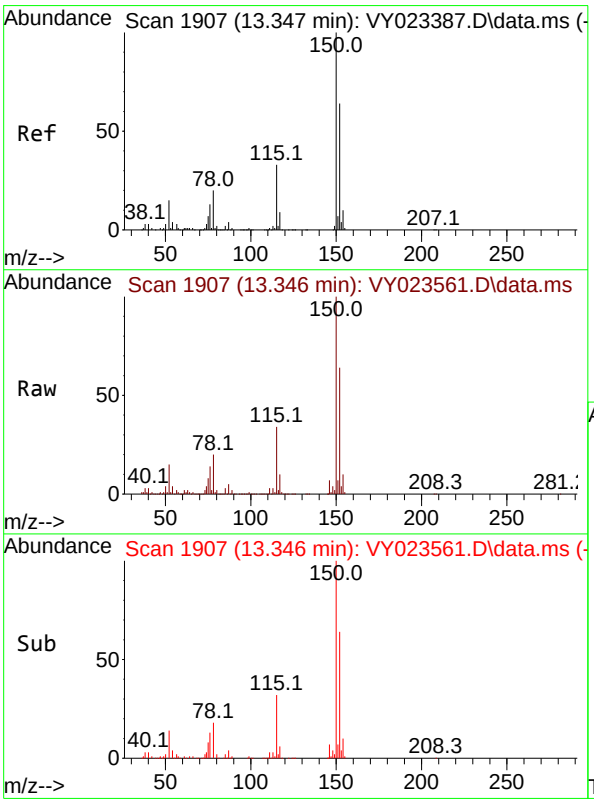
#71
Bromoform
Concen: 20.917 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:173 Resp: 71371

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.3	0.1	0.1#

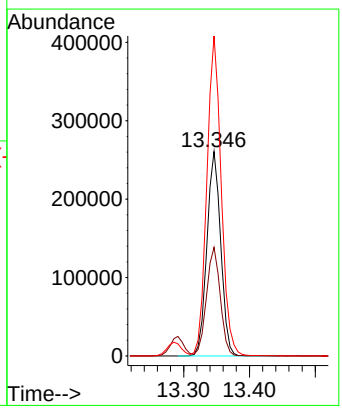


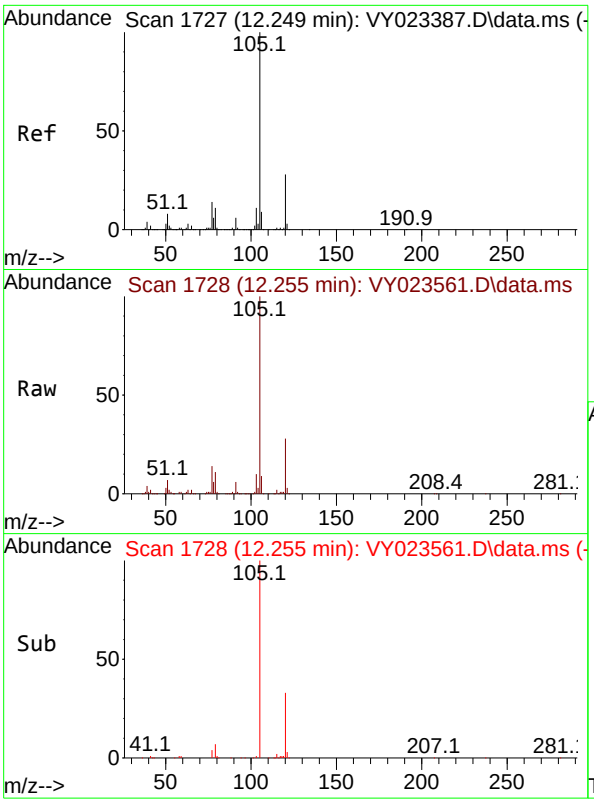


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:152 Resp: 380713

Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.1	81.2
150	163.0	0.0	347.4



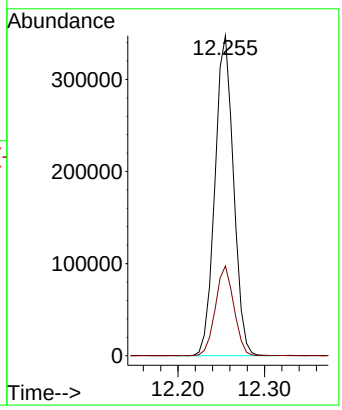


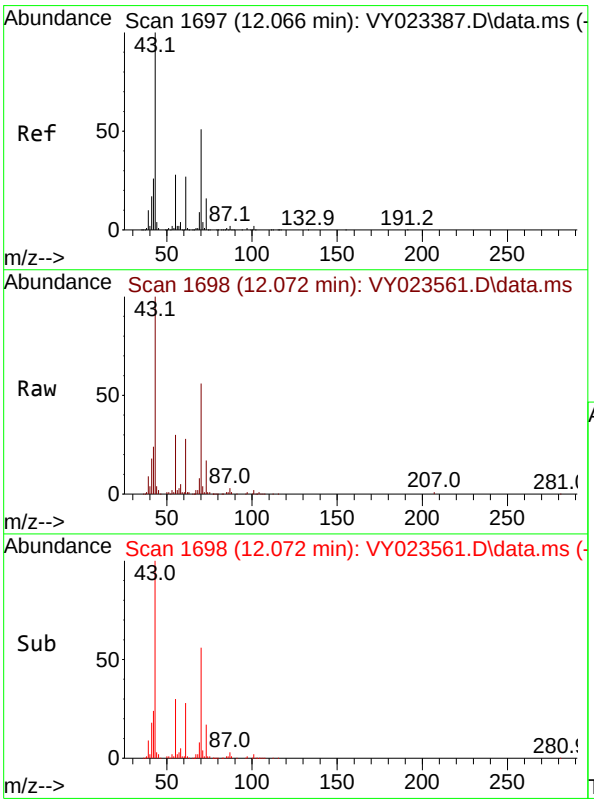
#73
Isopropylbenzene
Concen: 20.581 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:105 Resp: 516359

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7

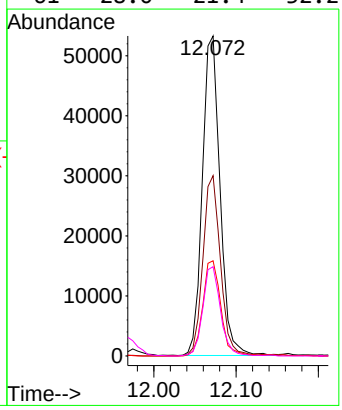


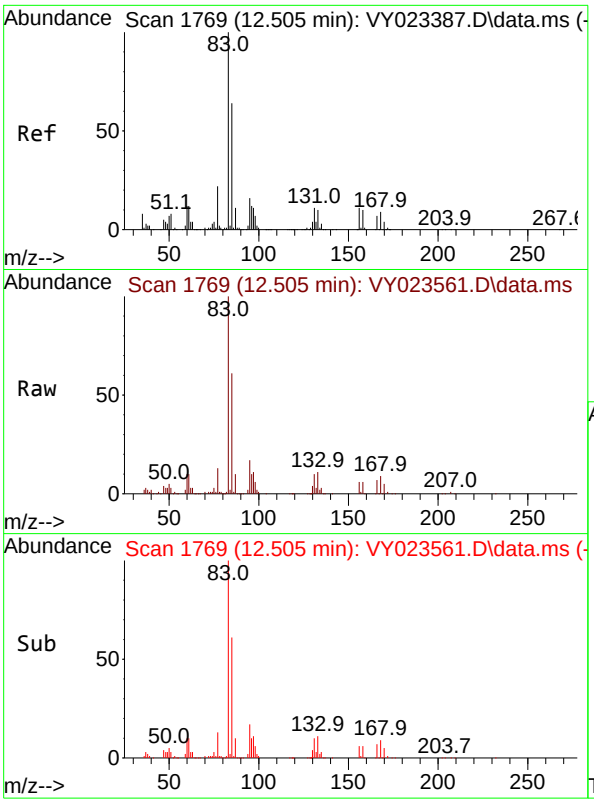


#74
N-amyl acetate
Concen: 17.669 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 43 Resp: 79625

Ion	Ratio	Lower	Upper
43	100		
70	56.3	41.1	61.7
55	30.4	23.0	34.6
61	28.0	21.4	32.2



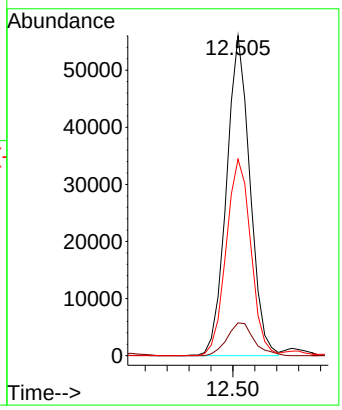


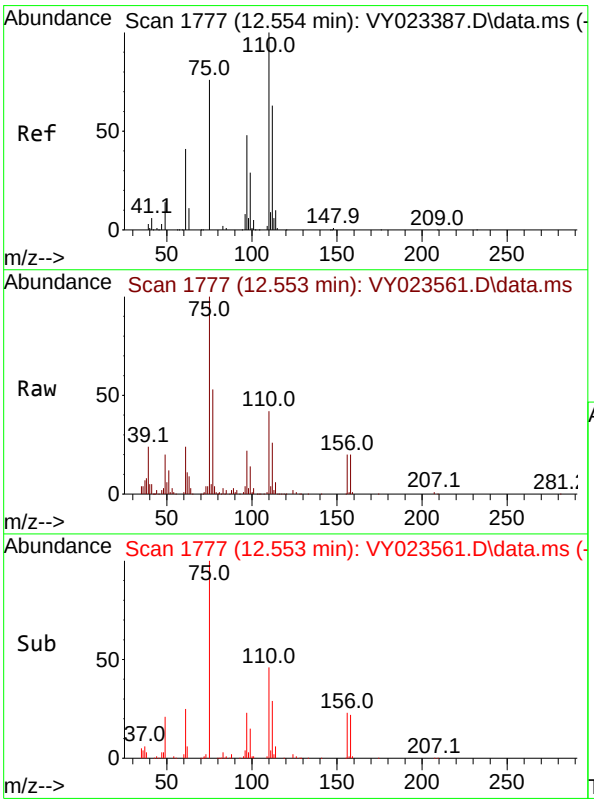
#75
1,1,2,2-Tetrachloroethane
Concen: 20.318 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 83 Resp: 83375

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.9	17.6
85	64.5	31.8	95.3

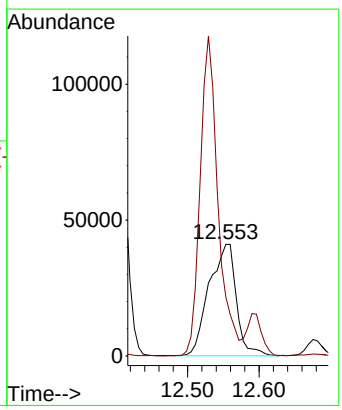


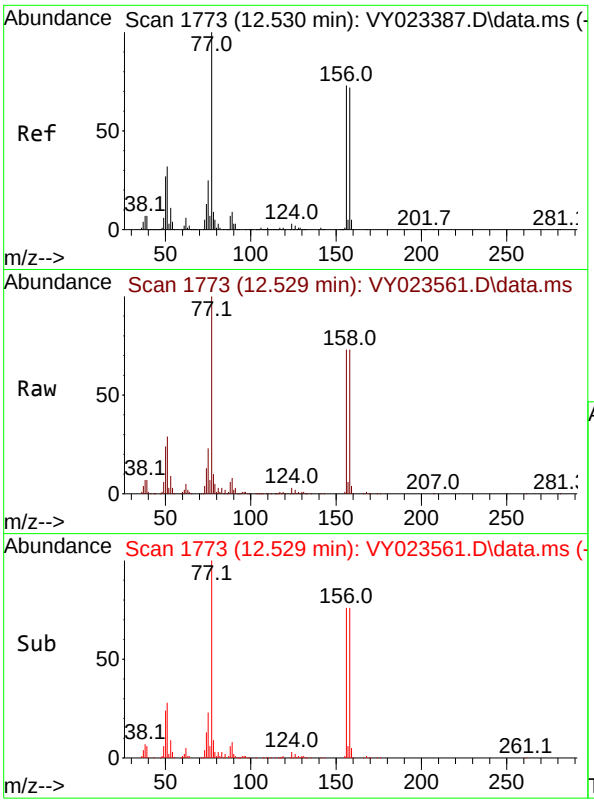


#76
1,2,3-Trichloropropane
Concen: 32.341 ug/l
RT: 12.553 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 108630

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



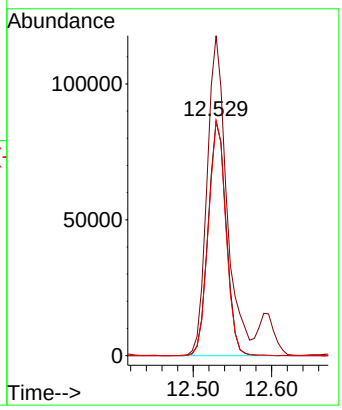


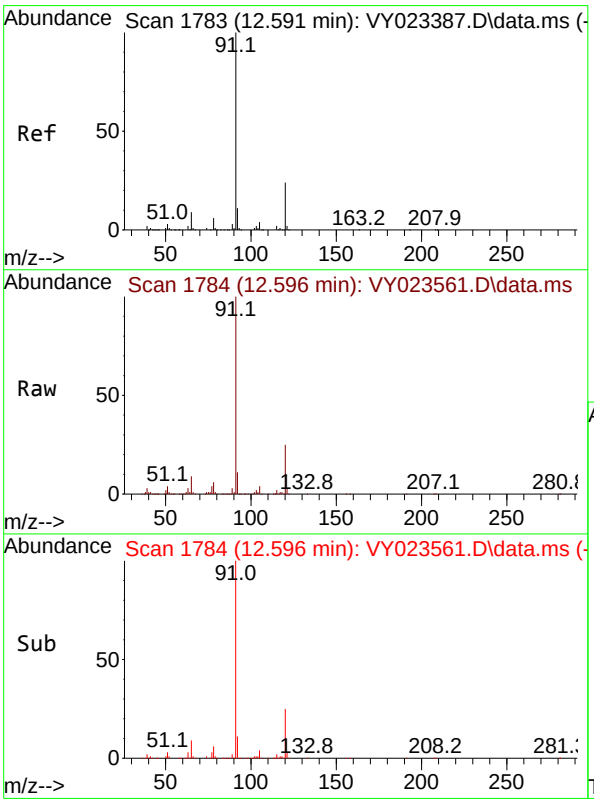
#77
Bromobenzene
Concen: 20.547 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:156 Resp: 137052

Ion	Ratio	Lower	Upper
156	100		
77	149.4	76.8	230.5
158	98.3	49.0	147.2

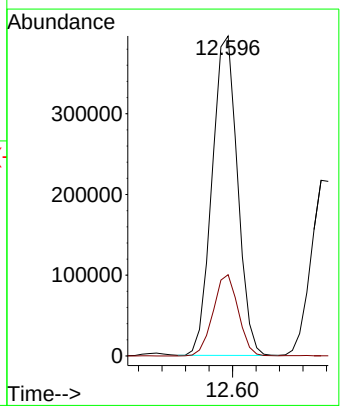


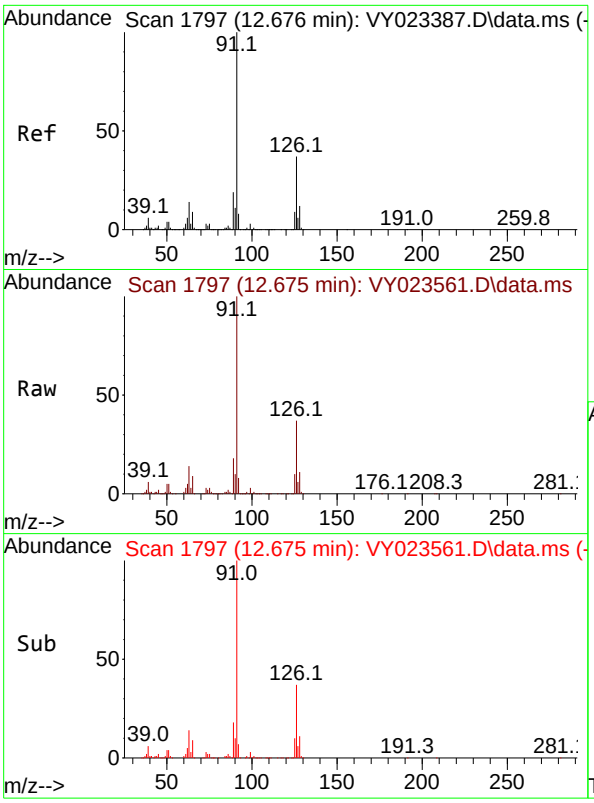


#78
n-propylbenzene
Concen: 20.520 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 595772

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.3	36.8



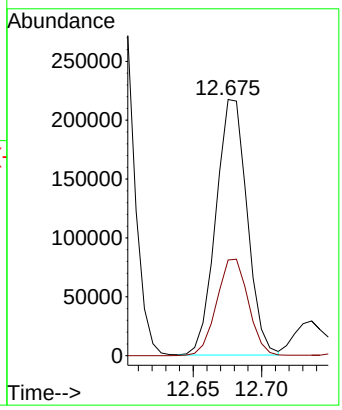


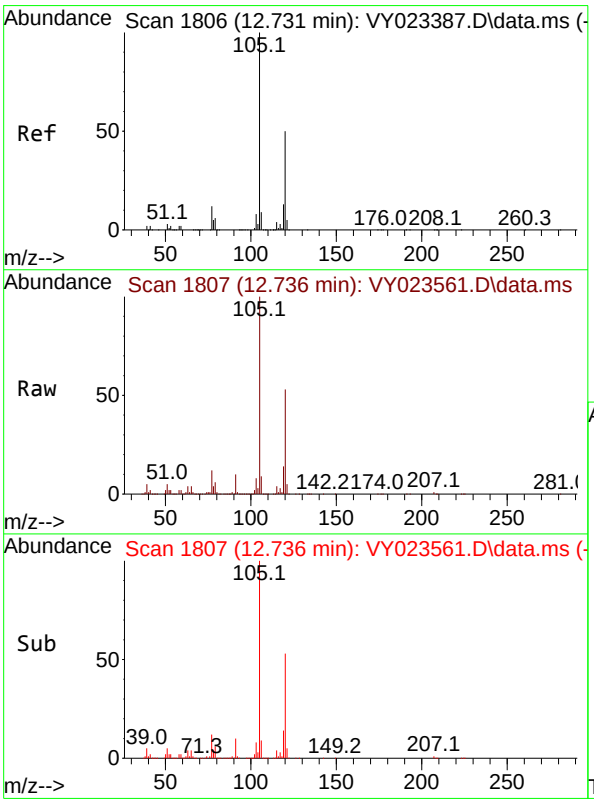
#79
2-Chlorotoluene
Concen: 20.287 ug/l
RT: 12.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 91 Resp: 344916

Ion	Ratio	Lower	Upper
91	100		
126	38.3	18.5	55.5

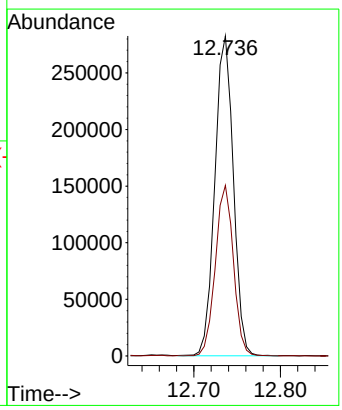


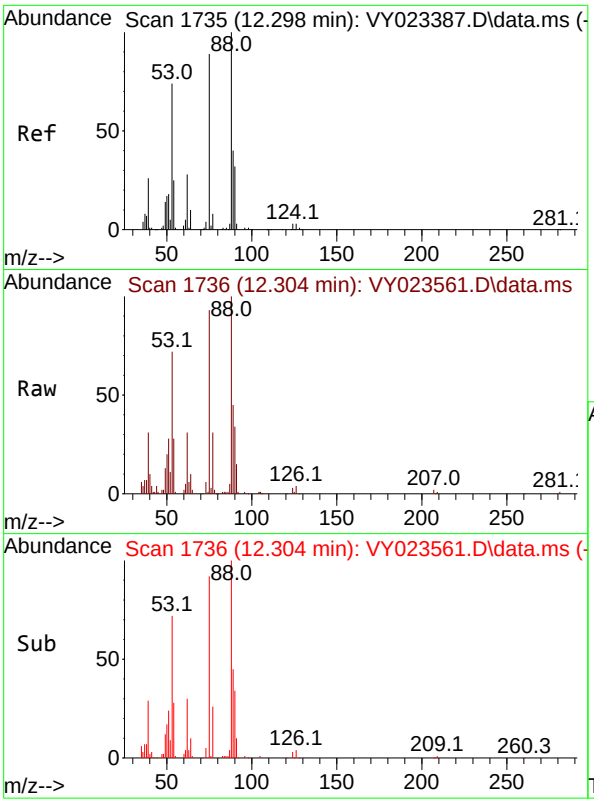


#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 419394

Ion	Ratio	Lower	Upper
105	100		
120	52.0	25.4	76.4



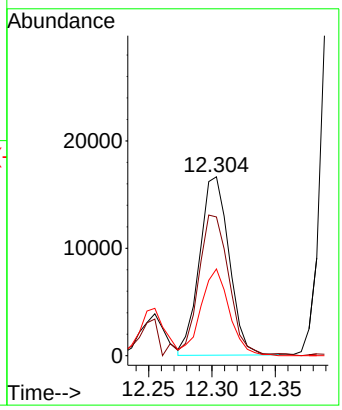


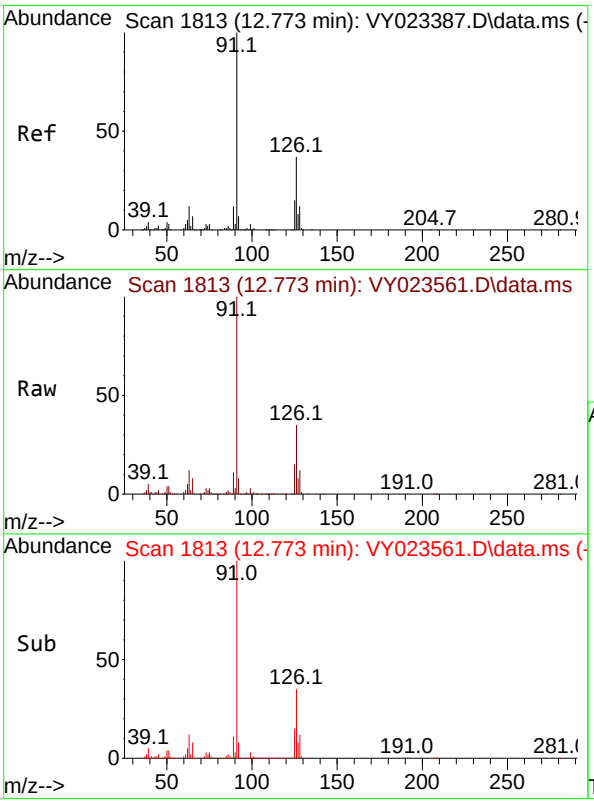
#81
trans-1,4-Dichloro-2-butene
Concen: 19.665 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 75 Resp: 26936

Ion	Ratio	Lower	Upper
75	100		
53	80.9	68.6	102.8
89	46.9	39.0	58.4

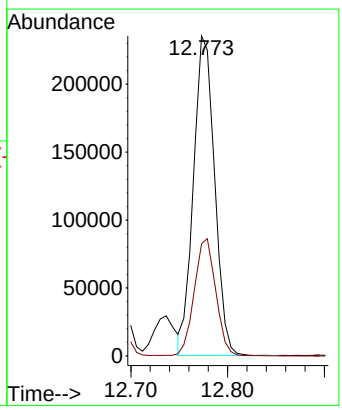


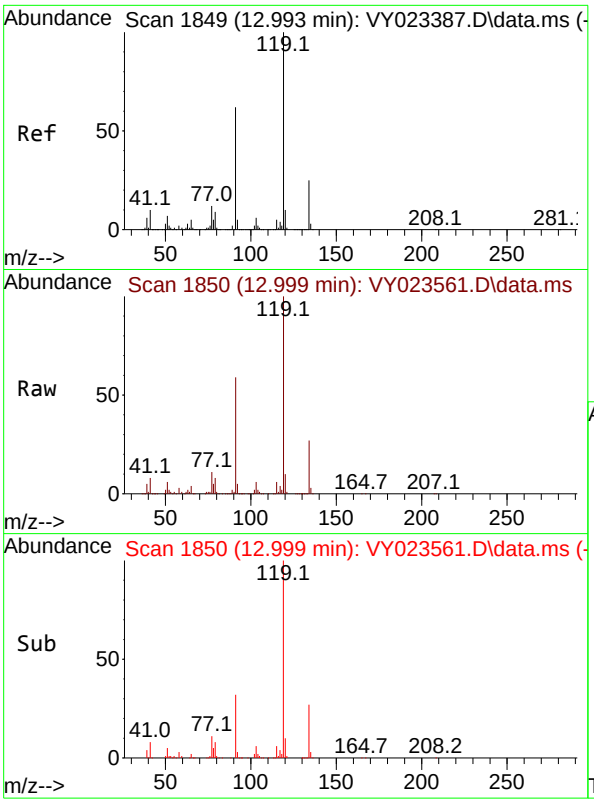


#82
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 91 Resp: 358669

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.4	55.4



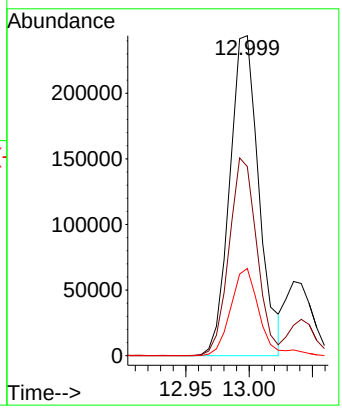


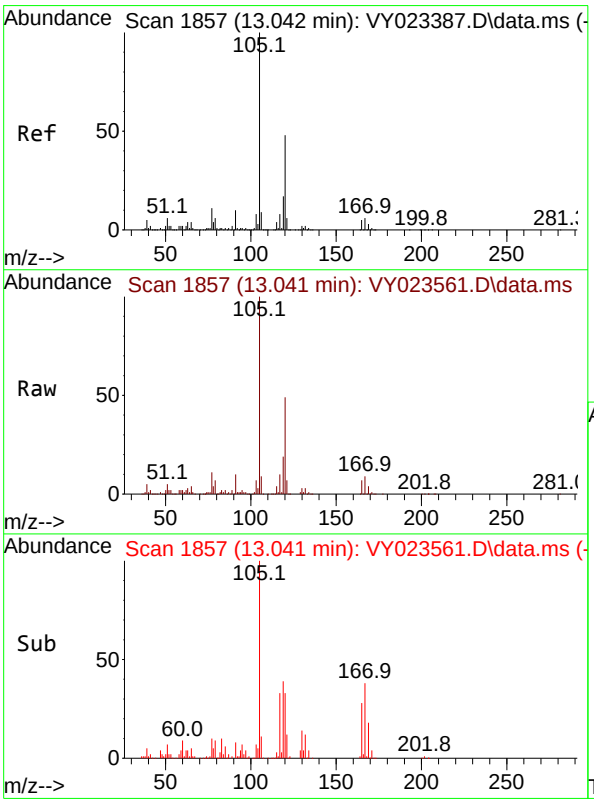
#83
tert-Butylbenzene
Concen: 20.942 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:119 Resp: 392010

Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.9	89.8
134	26.9	12.9	38.7

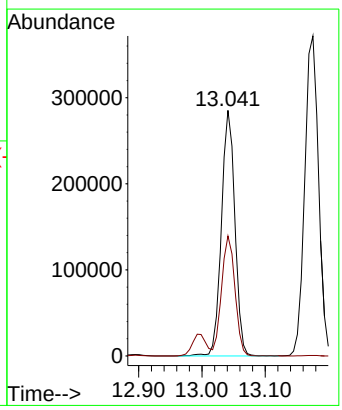


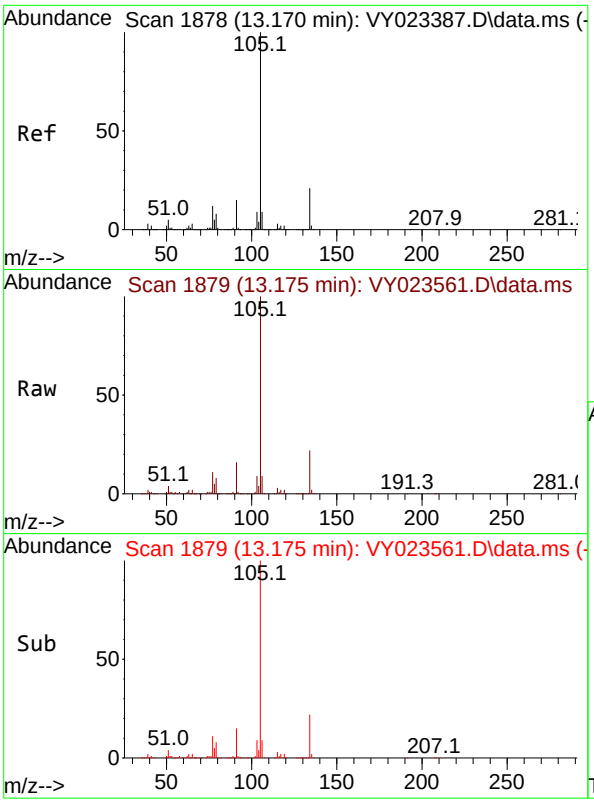


#84
1,2,4-Trimethylbenzene
Concen: 20.792 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:105 Resp: 420704

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.2



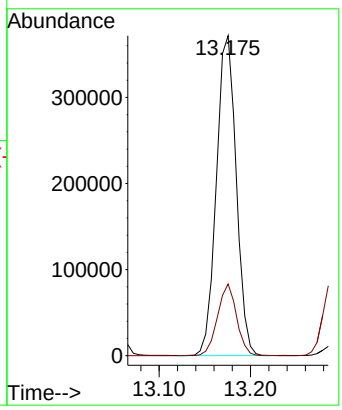


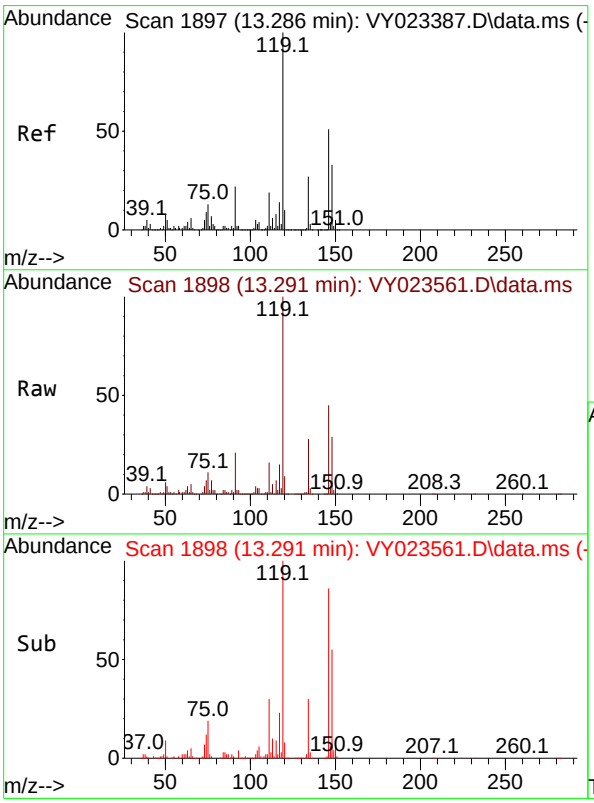
#85
sec-Butylbenzene
Concen: 20.869 ug/l
RT: 13.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:105 Resp: 560392

Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.7	32.1

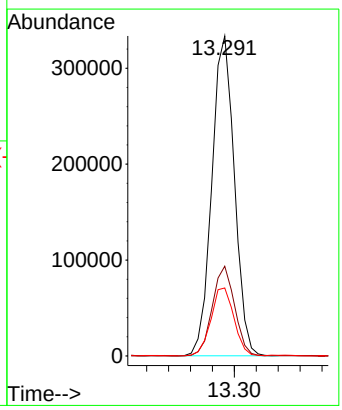


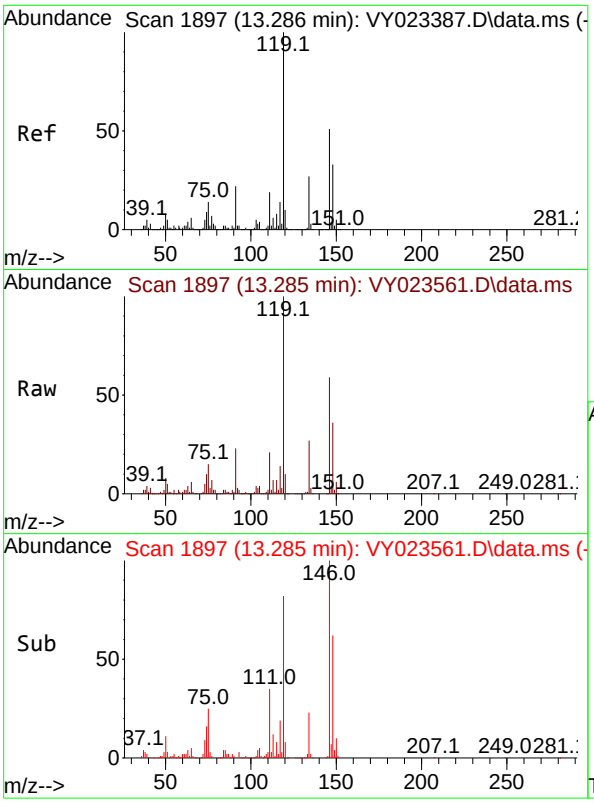


#86
p-Isopropyltoluene
Concen: 20.853 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:119 Resp: 476750

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.6	40.7
91	21.7	10.9	32.9



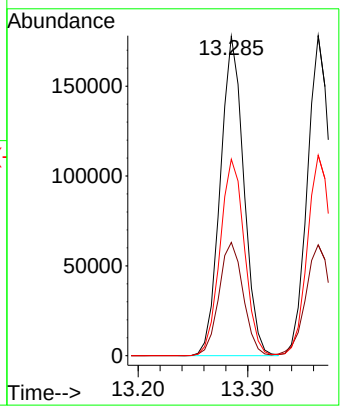


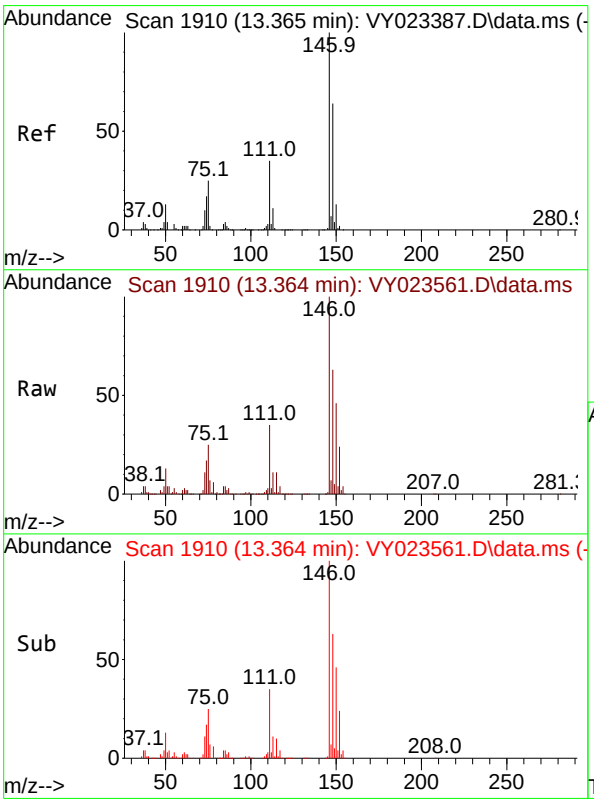
#87
1,3-Dichlorobenzene
Concen: 20.394 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:146 Resp: 264896

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	63.9	31.9	95.9

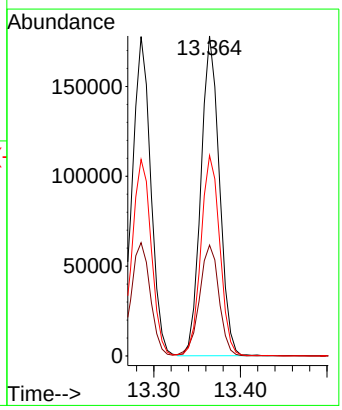


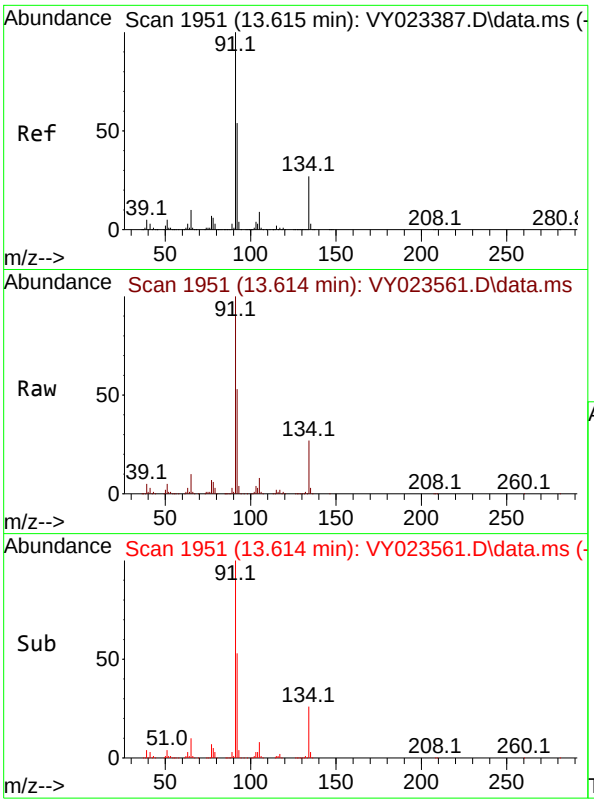


#88
1,4-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:146 Resp: 264053

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	63.9	31.9	95.7



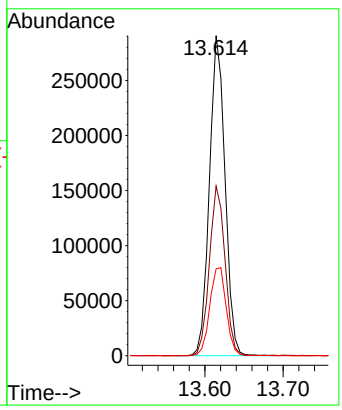


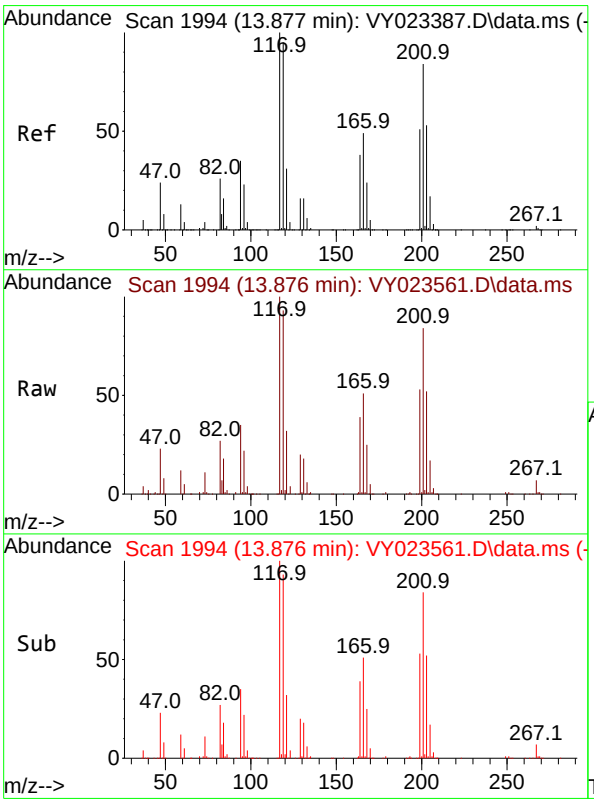
#89
n-Butylbenzene
Concen: 20.154 ug/l
RT: 13.614 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 91 Resp: 401494

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	29.0	14.1	42.2

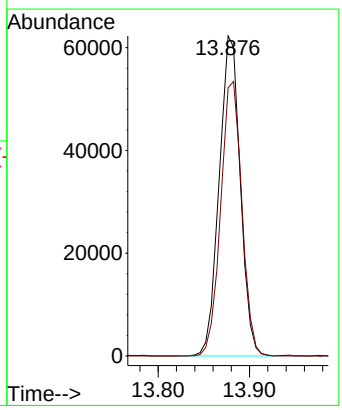


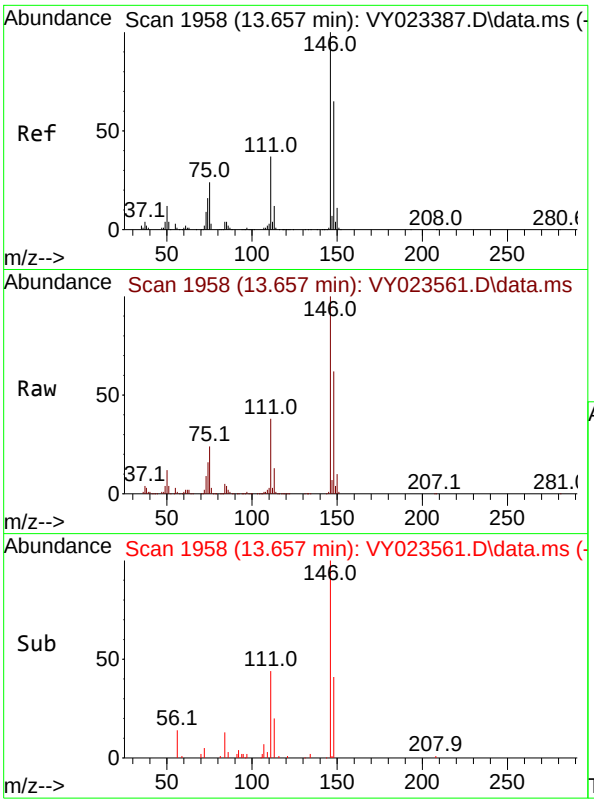


#90
Hexachloroethane
Concen: 20.324 ug/l
RT: 13.876 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:117 Resp: 99943

Ion	Ratio	Lower	Upper
117	100		
201	86.1	43.8	131.4



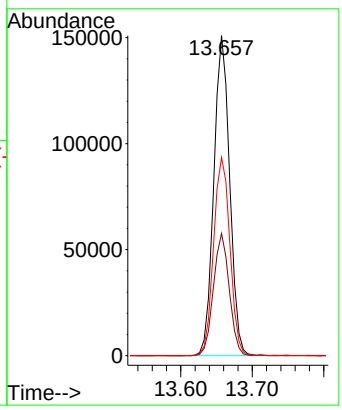


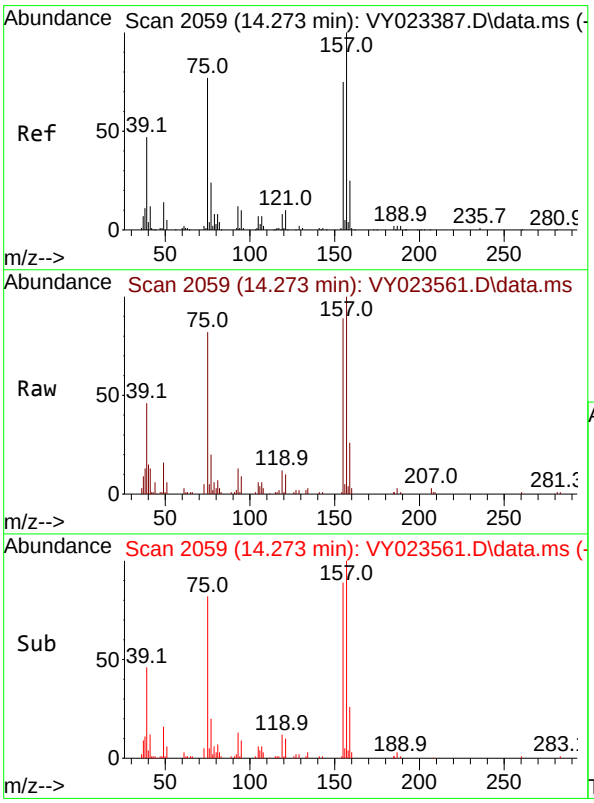
#91
1,2-Dichlorobenzene
Concen: 20.419 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:146 Resp: 232521

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.7	32.1	96.3

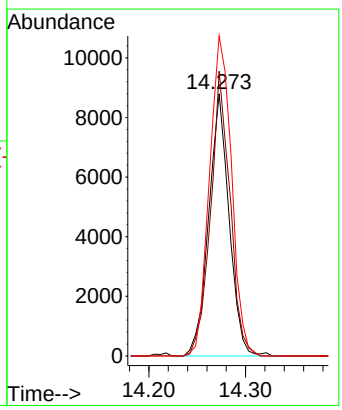


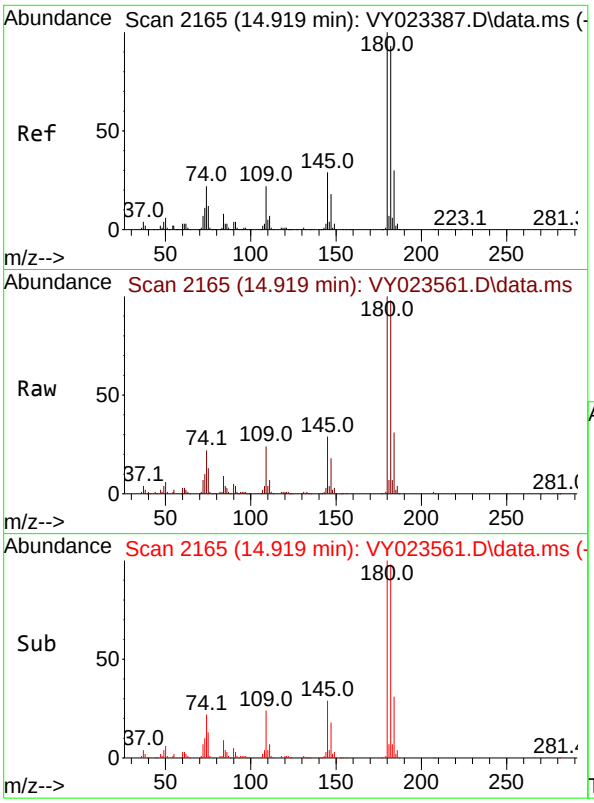


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.144 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion: 75 Resp: 12890

Ion	Ratio	Lower	Upper
75	100		
155	103.4	50.0	150.0
157	132.1	63.8	191.5



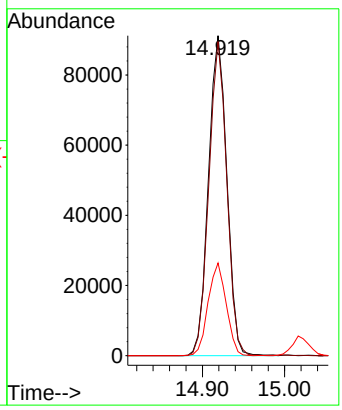


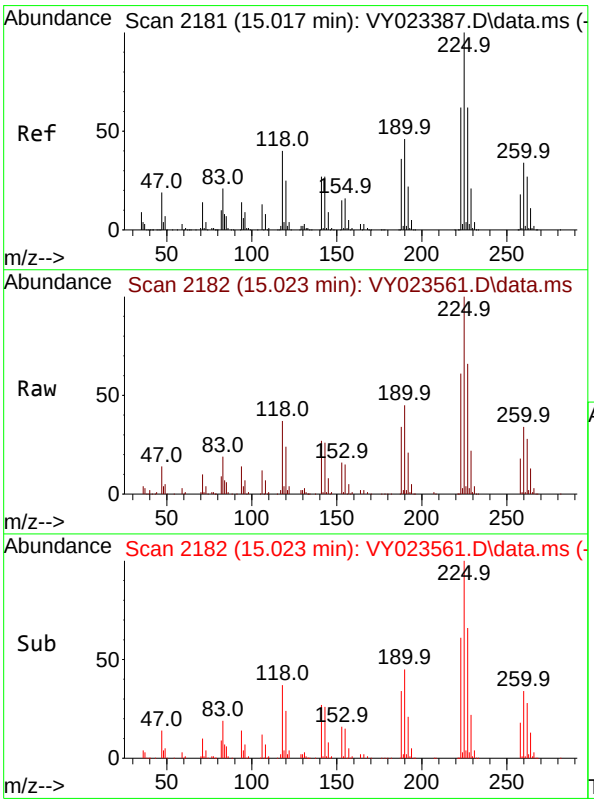
#93
1,2,4-Trichlorobenzene
Concen: 19.937 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:180 Resp: 141537

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	28.5	14.7	44.1

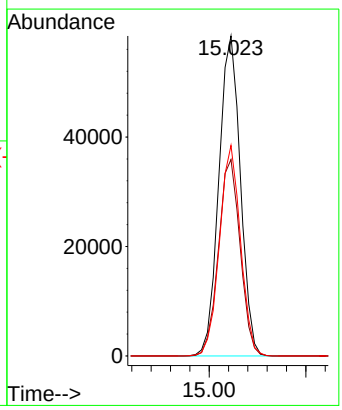


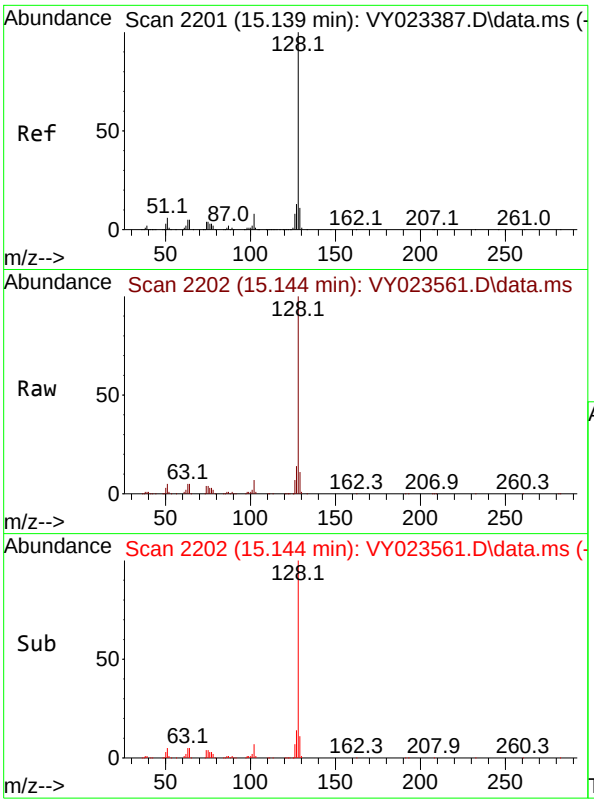


#94
Hexachlorobutadiene
Concen: 20.387 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:225 Resp: 90220

Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.8	92.3
227	64.1	31.9	95.7



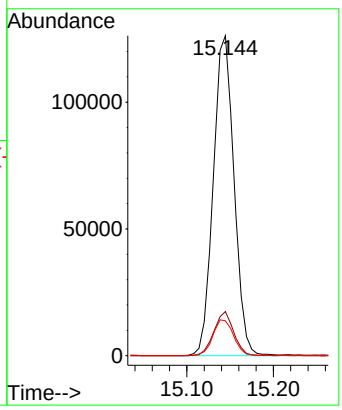


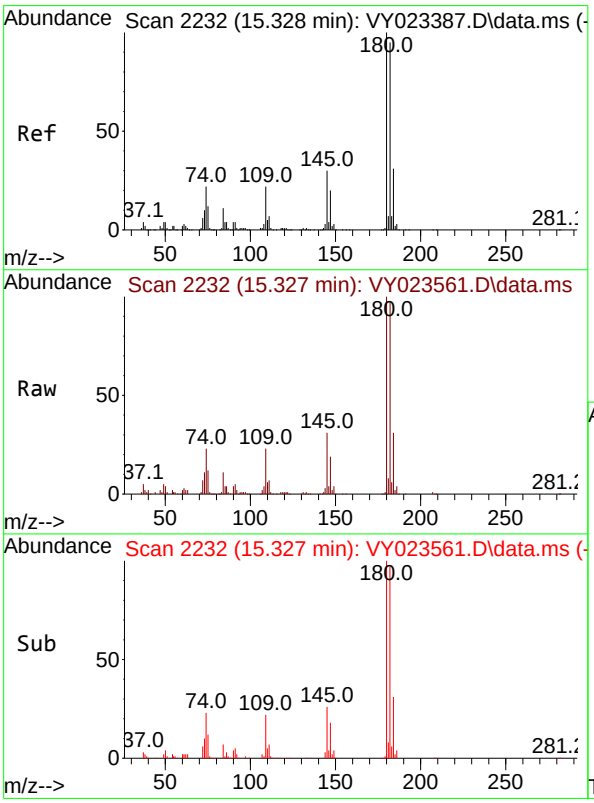
#95
Naphthalene
Concen: 18.584 ug/l
RT: 15.144 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:128 Resp: 210092

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.9	13.3

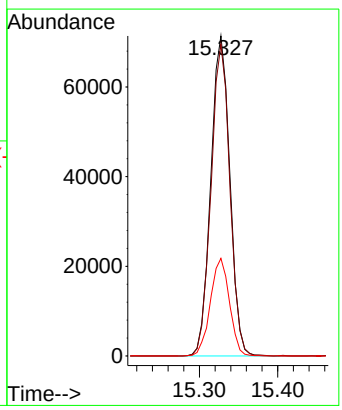




#96
1,2,3-Trichlorobenzene
Concen: 19.609 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023561.D
Acq: 24 Oct 2025 09:52

Tgt Ion:180 Resp: 120577

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	30.6	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	536786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	783587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	686581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199332	44.408	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.820%			
35) Dibromofluoromethane	7.634	113	237654	49.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.109	98	853846	47.619	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.240%			
62) 4-Bromofluorobenzene	12.402	95	282869	47.784	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	73403	18.998	ug/l	97
3) Chloromethane	2.074	50	94123	17.883	ug/l	99
4) Vinyl Chloride	2.208	62	128692	18.772	ug/l	99
5) Bromomethane	2.592	94	123016	21.383	ug/l	100
6) Chloroethane	2.733	64	91499	19.580	ug/l	99
7) Trichlorofluoromethane	3.056	101	193303	20.308	ug/l	98
8) Diethyl Ether	3.458	74	53195	21.387	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	104696	21.196	ug/l	98
10) Methyl Iodide	4.007	142	113792	20.694	ug/l	97
11) Tert butyl alcohol	4.860	59	36821	110.265	ug/l	97
12) 1,1-Dichloroethene	3.793	96	99711	20.824	ug/l	96
13) Acrolein	3.647	56	24350	51.605	ug/l	99
14) Allyl chloride	4.385	41	108412	18.578	ug/l	97
15) Acrylonitrile	5.061	53	94812	99.605	ug/l	99
16) Acetone	3.873	43	141337	132.262	ug/l	98
17) Carbon Disulfide	4.104	76	260295	18.993	ug/l	99
18) Methyl Acetate	4.391	43	48921	17.452	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	243330	21.144	ug/l	99
20) Methylene Chloride	4.623	84	111608	19.315	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	111012	21.058	ug/l	98
22) Diisopropyl ether	6.025	45	259309	20.089	ug/l	99
23) Vinyl Acetate	5.964	43	706151	101.069	ug/l	96
24) 1,1-Dichloroethane	5.921	63	176426	20.634	ug/l	99
25) 2-Butanone	6.896	43	153481	117.645	ug/l	95
26) 2,2-Dichloropropane	6.884	77	168220	21.441	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	132133	21.699	ug/l	95
28) Bromochloromethane	7.244	49	63974	20.042	ug/l	91
29) Tetrahydrofuran	7.262	42	71418	96.536	ug/l	94
30) Chloroform	7.427	83	199992	21.289	ug/l	100
31) Cyclohexane	7.701	56	143461	19.213	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	181103	21.213	ug/l	98
36) 1,1-Dichloropropene	7.835	75	134460	21.094	ug/l	99
37) Ethyl Acetate	6.988	43	51097	20.234	ug/l	97
38) Carbon Tetrachloride	7.817	117	165067	21.356	ug/l	97
39) Methylcyclohexane	9.110	83	171472	20.661	ug/l	97
40) Benzene	8.079	78	429319	21.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.262	41	69484	50.875 ug/l #	26
42) 1,2-Dichloroethane	8.158	62	106025	20.365 ug/l	97
43) Isopropyl Acetate	8.201	43	101137	20.085 ug/l #	84
44) Trichloroethene	8.866	130	129117	21.853 ug/l	100
45) 1,2-Dichloropropane	9.140	63	93853	21.049 ug/l	97
46) Dibromomethane	9.231	93	61356	21.762 ug/l	96
47) Bromodichloromethane	9.420	83	153350	21.596 ug/l	99
48) Methyl methacrylate	9.219	41	43837	18.531 ug/l	86
49) 1,4-Dioxane	9.225	88	13942	426.504 ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	269342	103.526 ug/l	98
52) Toluene	10.170	92	287505	21.935 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	131216	21.252 ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	158569	21.760 ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	87086	22.969 ug/l	96
56) Ethyl methacrylate	10.439	69	92237	21.090 ug/l	94
57) 1,3-Dichloropropane	10.719	76	132832	22.110 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	197494	100.804 ug/l	97
59) 2-Hexanone	10.762	43	217078	116.754 ug/l	97
60) Dibromochloromethane	10.914	129	120798	22.725 ug/l	98
61) 1,2-Dibromoethane	11.012	107	81298	22.484 ug/l	98
64) Tetrachloroethene	10.646	164	151062	21.309 ug/l	99
65) Chlorobenzene	11.438	112	326646	21.874 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118969	22.357 ug/l	99
67) Ethyl Benzene	11.518	91	519038	21.473 ug/l	98
68) m/p-Xylenes	11.627	106	430825	44.437 ug/l	98
69) o-Xylene	11.950	106	199866	21.978 ug/l	98
70) Styrene	11.969	104	327085	21.872 ug/l	99
71) Bromoform	12.133	173	74587	22.597 ug/l #	98
73) Isopropylbenzene	12.255	105	517060	21.751 ug/l	99
74) N-amyl acetate	12.066	43	85040	19.917 ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	87273	22.446 ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	112801	35.444 ug/l #	100
77) Bromobenzene	12.530	156	139180	22.023 ug/l	97
78) n-propylbenzene	12.591	91	602594	21.905 ug/l	99
79) 2-Chlorotoluene	12.676	91	347665	21.582 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	429209	22.344 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	27474	21.169 ug/l	97
82) 4-Chlorotoluene	12.774	91	360070	21.703 ug/l	98
83) tert-Butylbenzene	12.993	119	398925	22.492 ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	424880	22.163 ug/l	99
85) sec-Butylbenzene	13.170	105	564414	22.184 ug/l	100
86) p-Isopropyltoluene	13.286	119	482314	22.265 ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	271316	22.046 ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	264489	21.761 ug/l	99
89) n-Butylbenzene	13.615	91	410914	21.770 ug/l	99
90) Hexachloroethane	13.877	117	103152	22.140 ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	240455	22.286 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14028	21.989 ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	147428	21.918 ug/l	98
94) Hexachlorobutadiene	15.017	225	91078	21.721 ug/l	99
95) Naphthalene	15.139	128	228739	21.355 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	124725	21.407 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

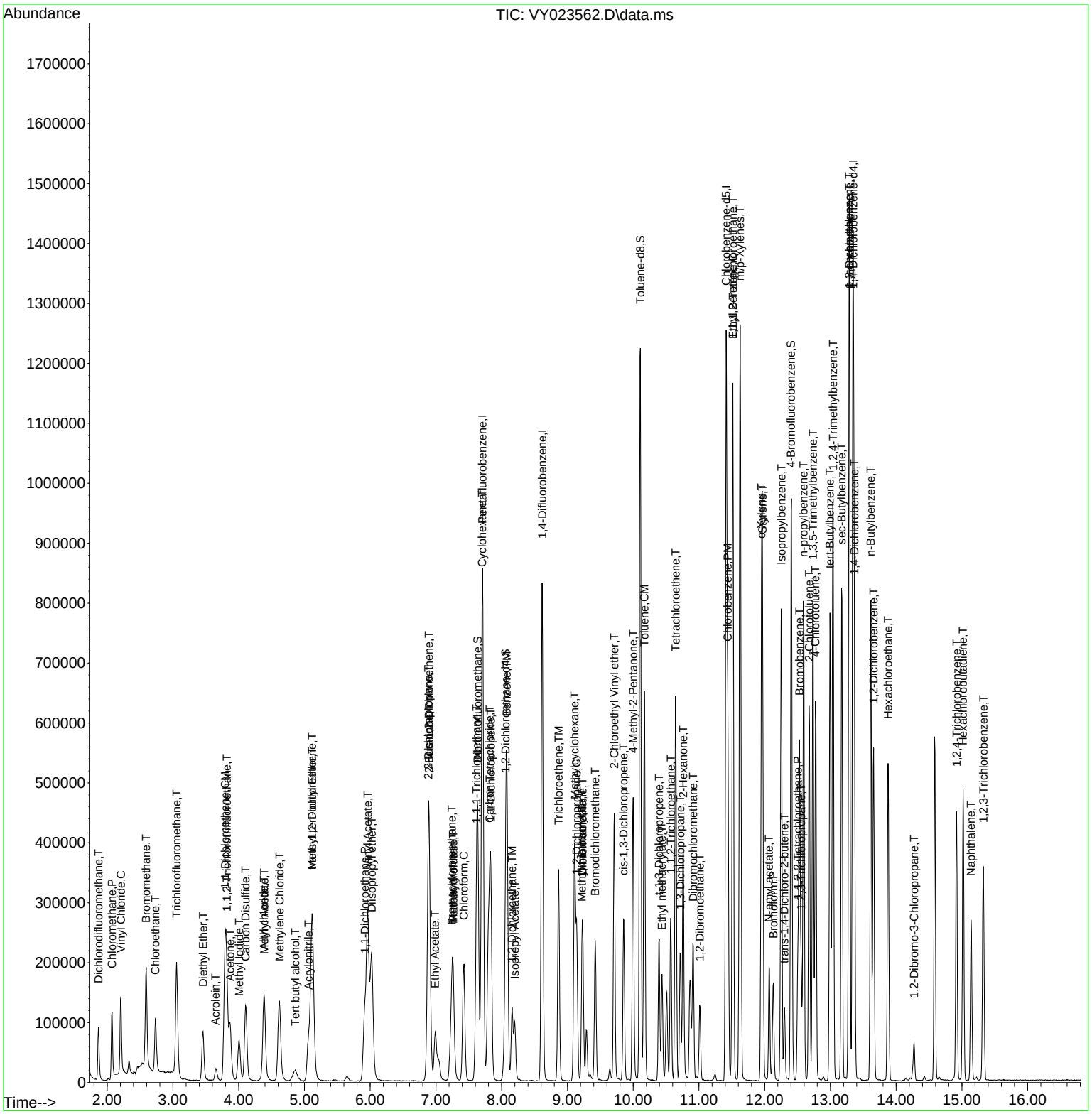
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

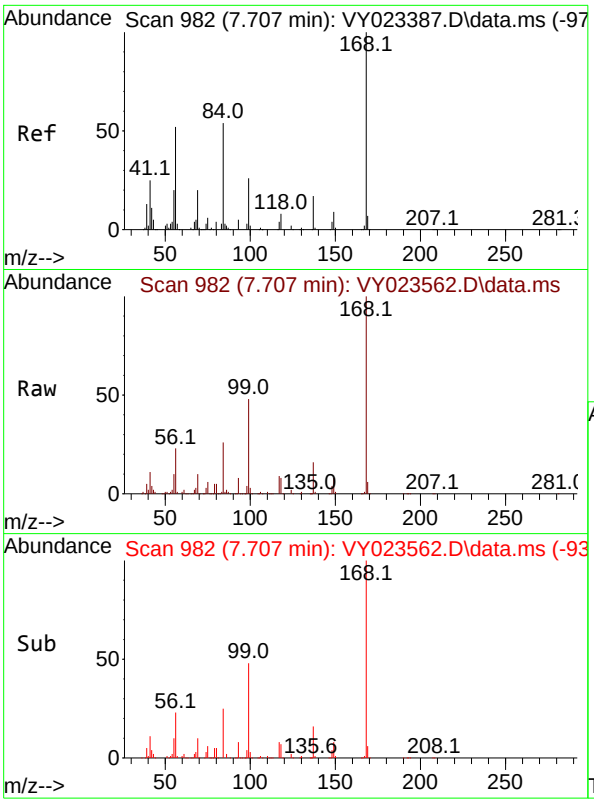
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



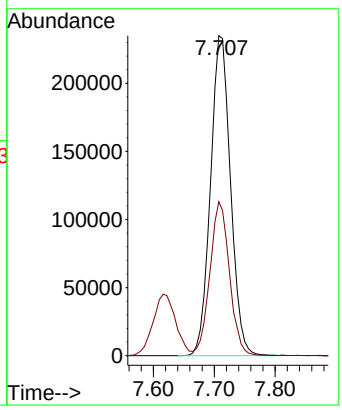


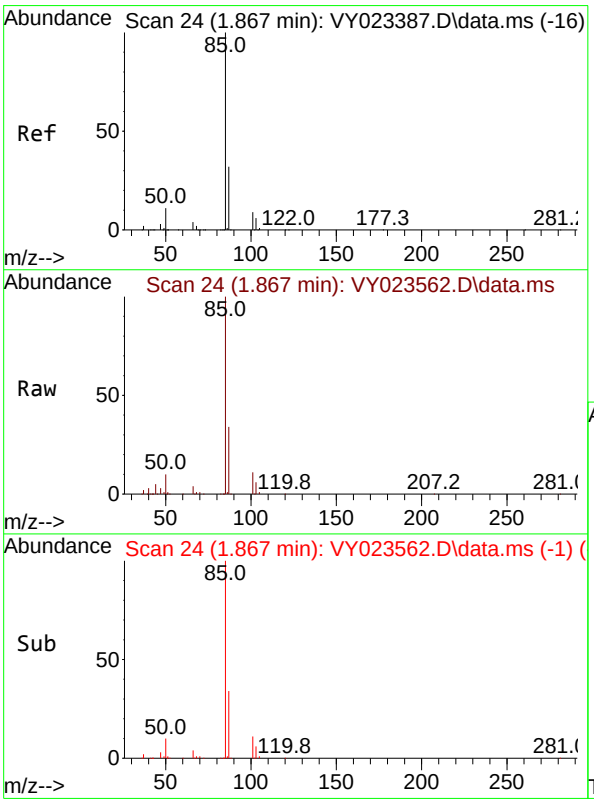
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:168 Resp: 536786

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.7	59.5

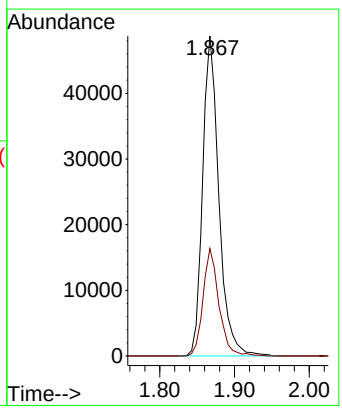


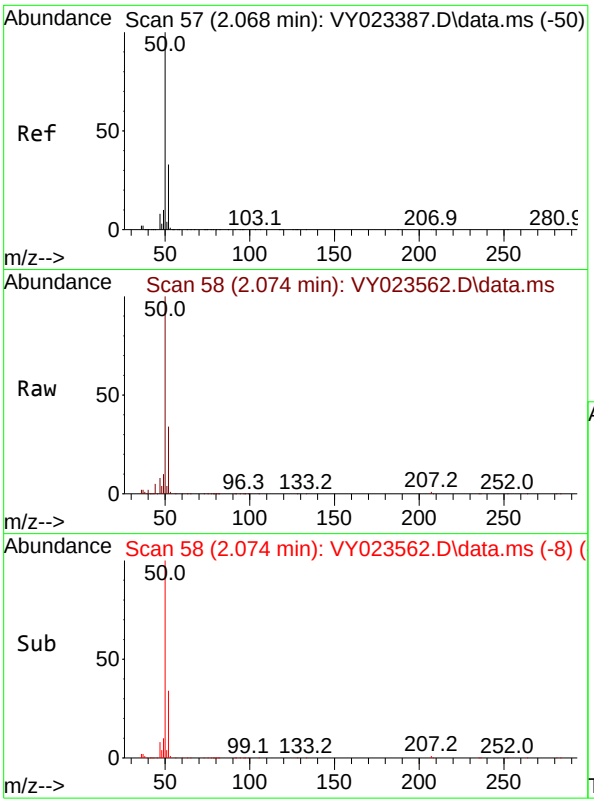


#2
Dichlorodifluoromethane
Concen: 18.998 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 85 Resp: 73403

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.0	47.9



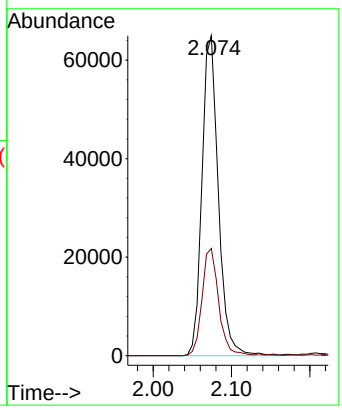


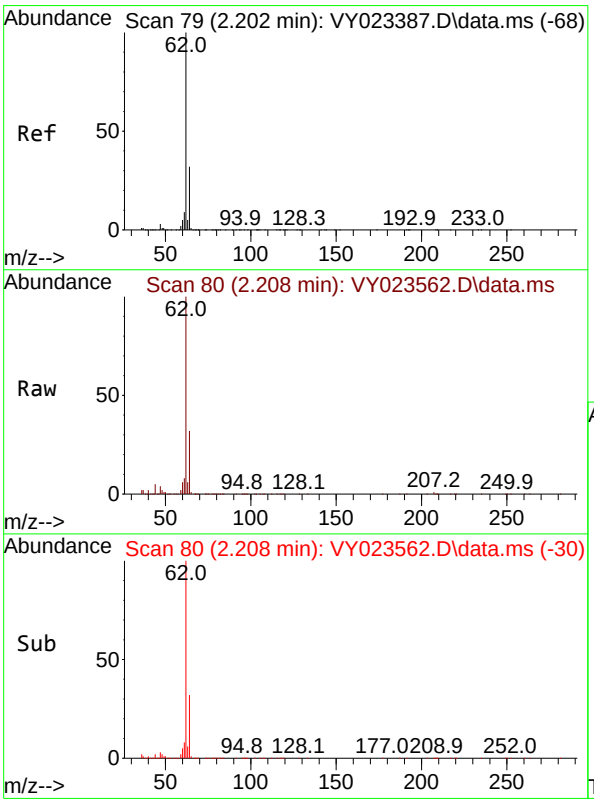
#3
Chloromethane
Concen: 17.883 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 50 Resp: 94123

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.2	39.2

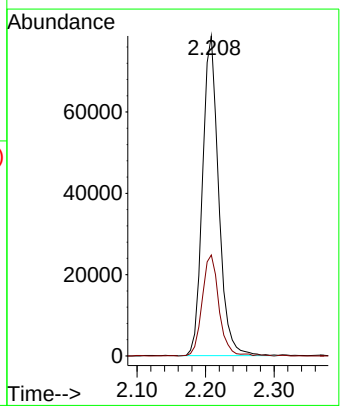


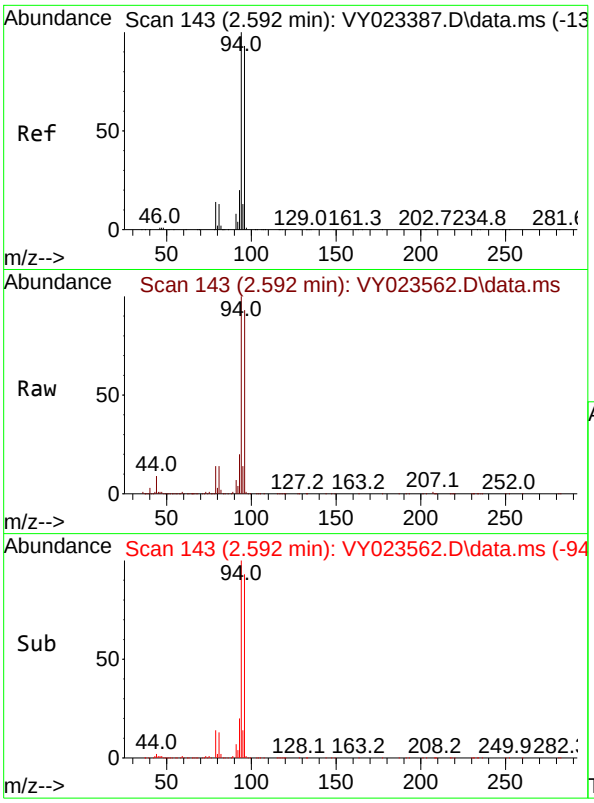


#4
Vinyl Chloride
Concen: 18.772 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 128692

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.8	38.8



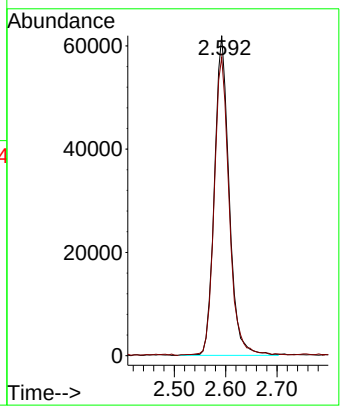


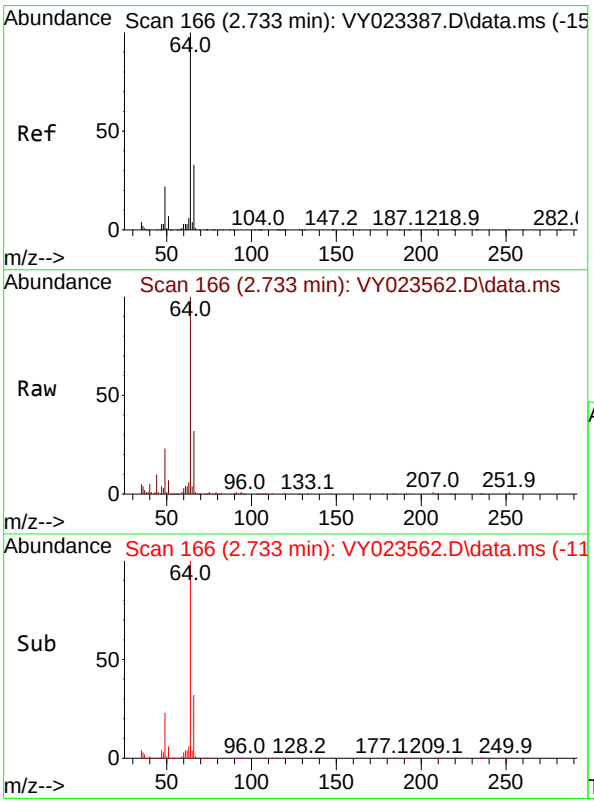
#5
Bromomethane
Concen: 21.383 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 94 Resp: 123016

Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.5	111.7

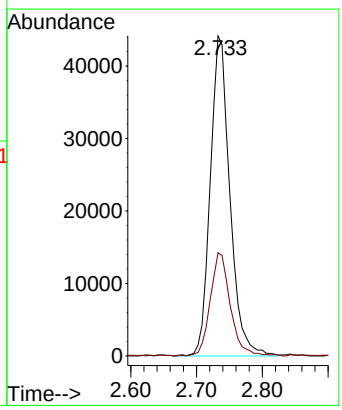


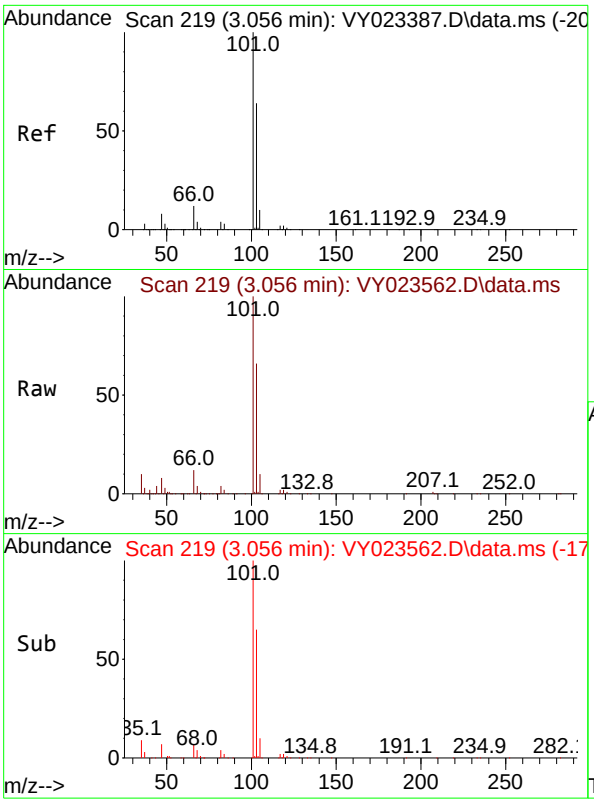


#6
Chloroethane
Concen: 19.580 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 64 Resp: 91499

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.2	39.4



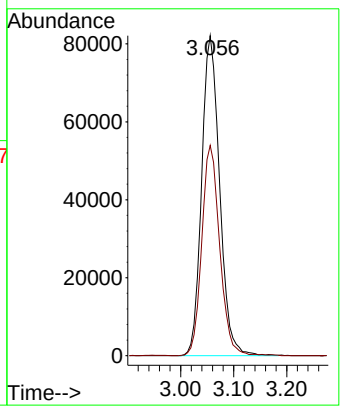


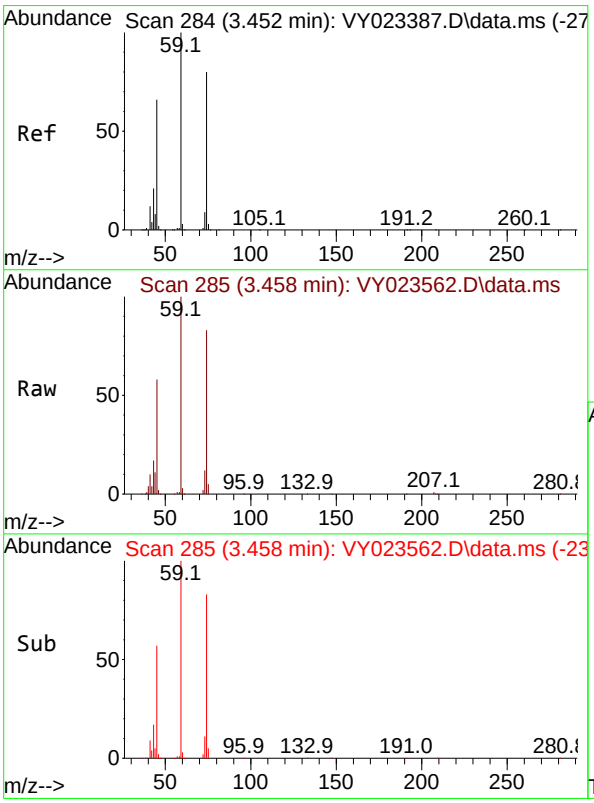
#7
Trichlorofluoromethane
Concen: 20.308 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:101 Resp: 193303

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.3	76.9

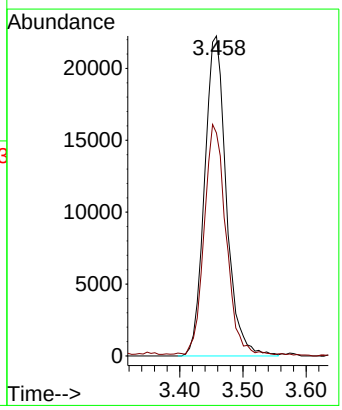


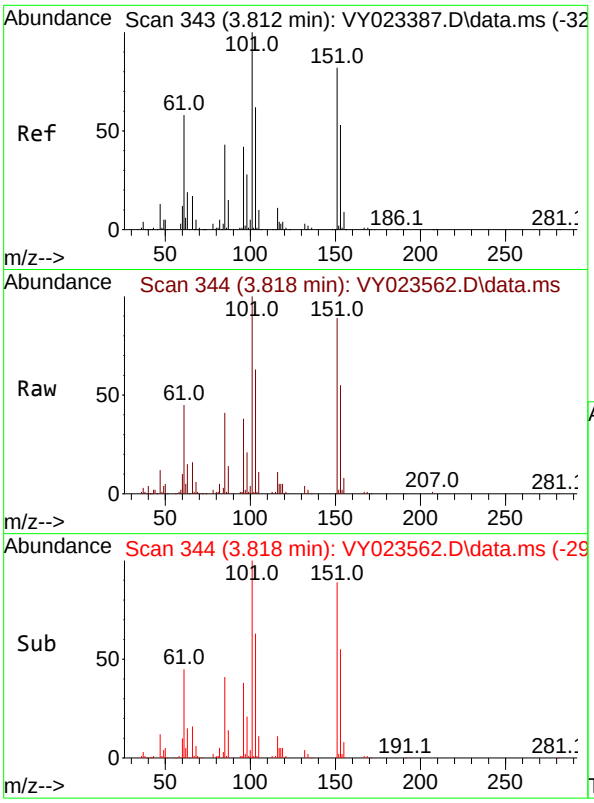


#8
Diethyl Ether
Concen: 21.387 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 74 Resp: 53195

Ion	Ratio	Lower	Upper
74	100		
45	71.8	39.9	119.7



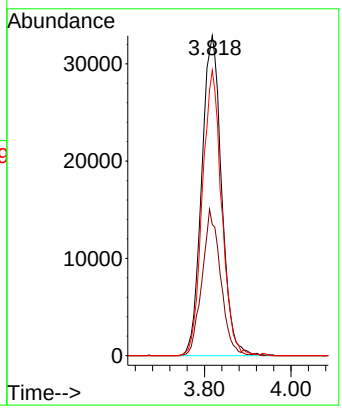


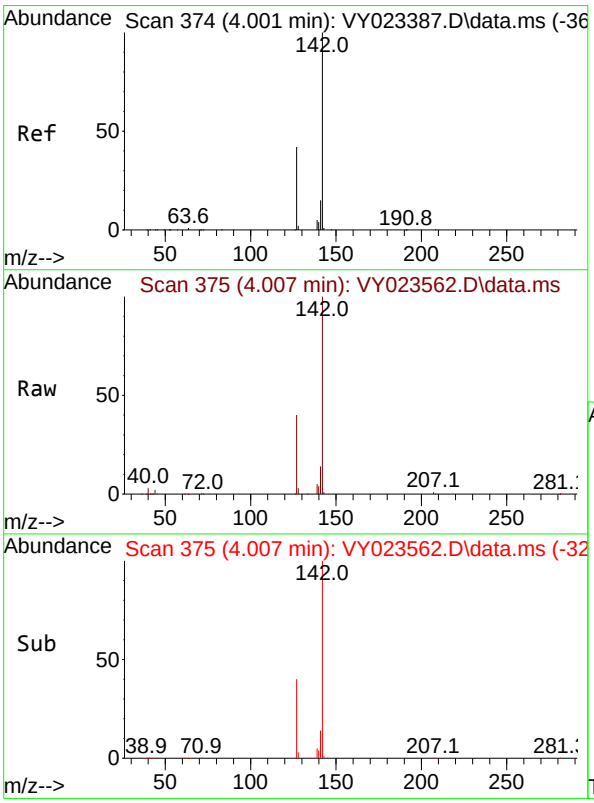
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.196 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:101 Resp: 104696

Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.6	51.8
151	86.6	67.0	100.6

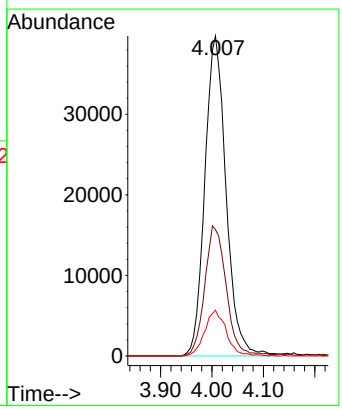


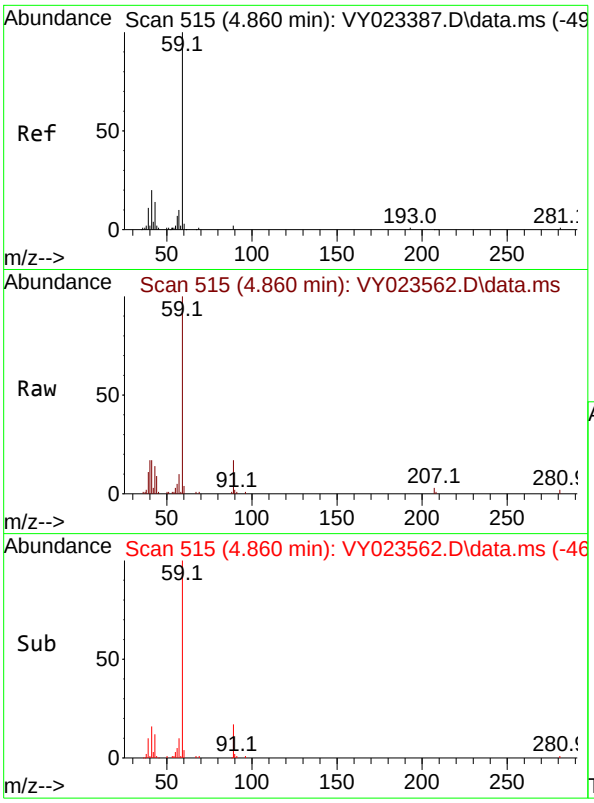


#10
Methyl Iodide
Concen: 20.694 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:142 Resp: 113792

Ion	Ratio	Lower	Upper
142	100		
127	41.3	34.8	52.2
141	14.5	11.6	17.4



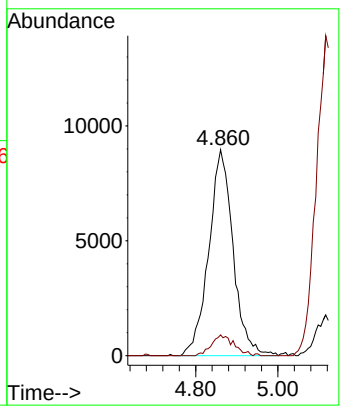


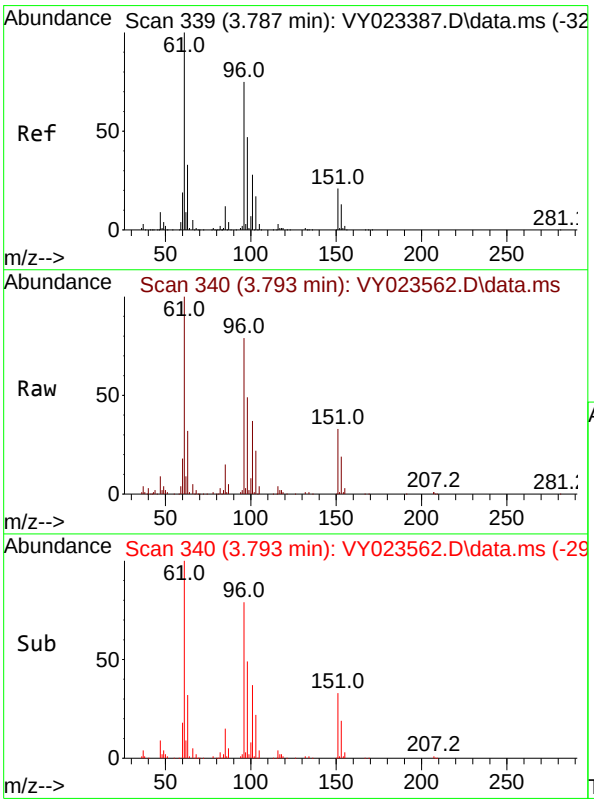
#11
Tert butyl alcohol
Concen: 110.265 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 59 Resp: 36821

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5

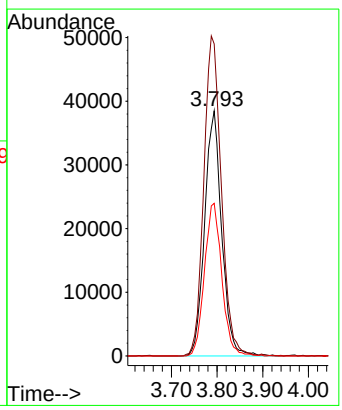


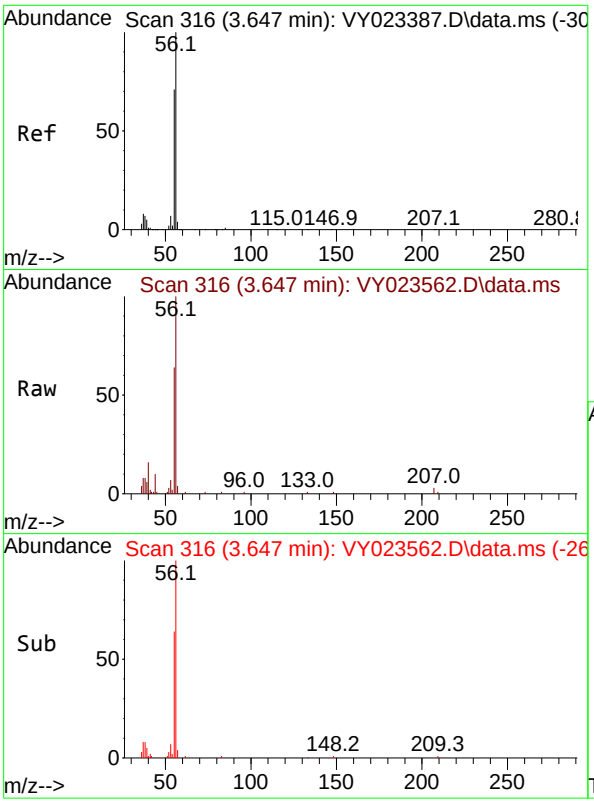


#12
1,1-Dichloroethene
Concen: 20.824 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 96 Resp: 99711

Ion	Ratio	Lower	Upper
96	100		
61	127.3	106.7	160.1
98	62.3	50.2	75.4



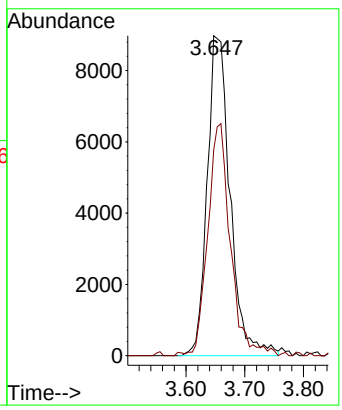


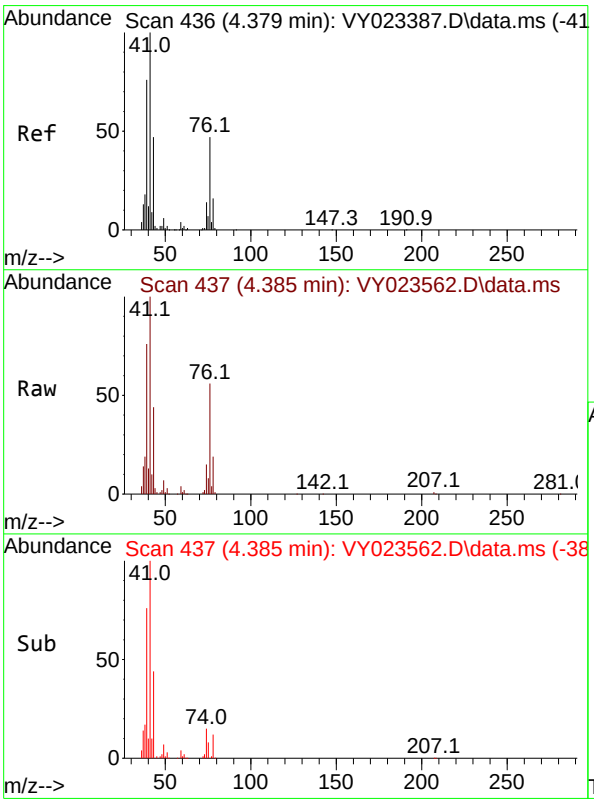
#13
Acrolein
Concen: 51.605 ug/l
RT: 3.647 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 56 Resp: 24350

Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.1	84.1

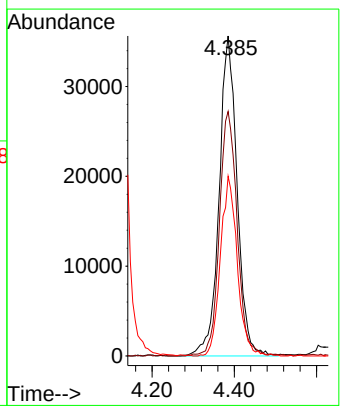


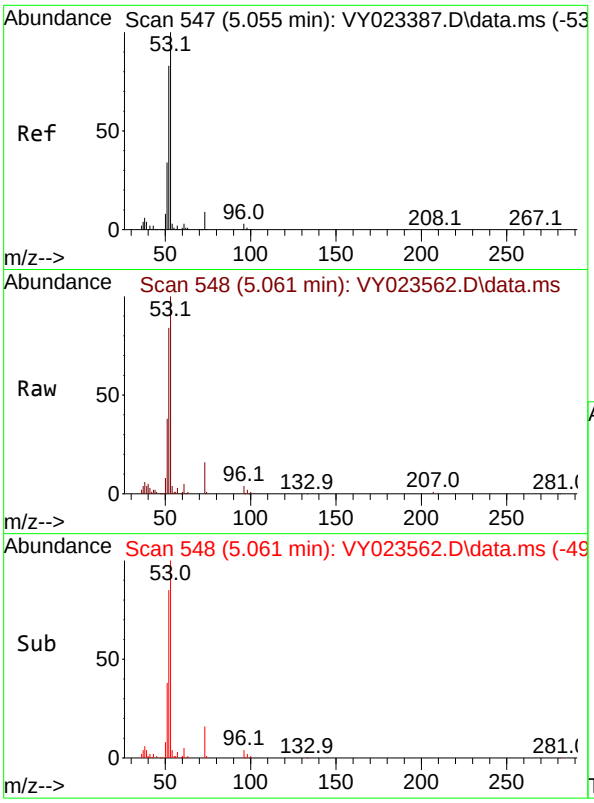


#14
Allyl chloride
Concen: 18.578 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 108412

Ion	Ratio	Lower	Upper
41	100		
39	75.4	59.9	89.9
76	52.6	38.0	57.0



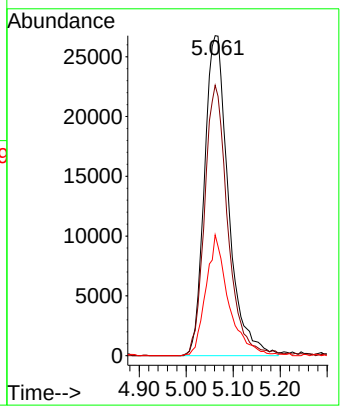


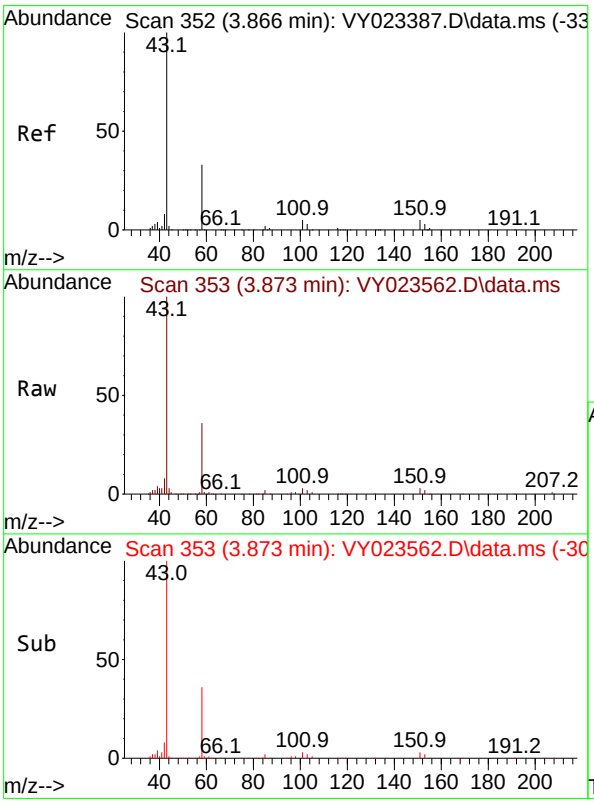
#15
Acrylonitrile
Concen: 99.605 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 53 Resp: 94812

Ion	Ratio	Lower	Upper
53	100		
52	81.6	64.6	97.0
51	35.8	29.5	44.3

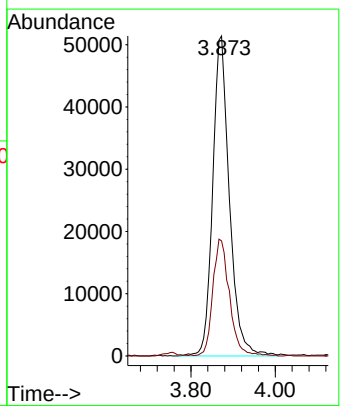


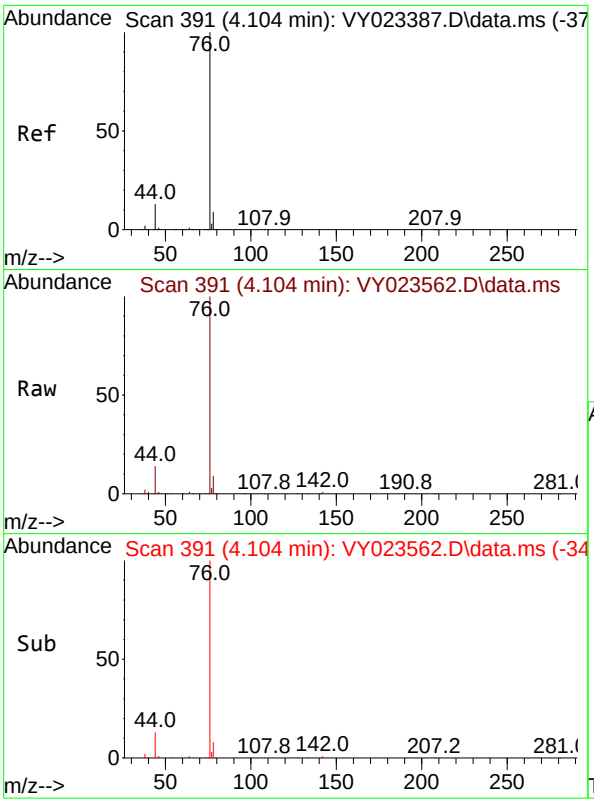


#16
Acetone
Concen: 132.262 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 141337

Ion	Ratio	Lower	Upper
43	100		
58	35.9	27.7	41.5



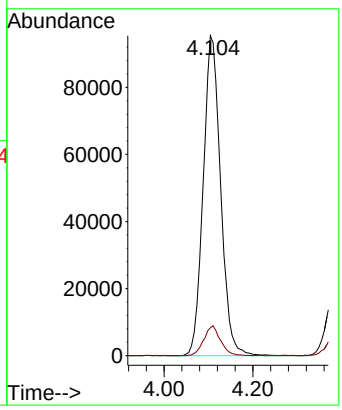


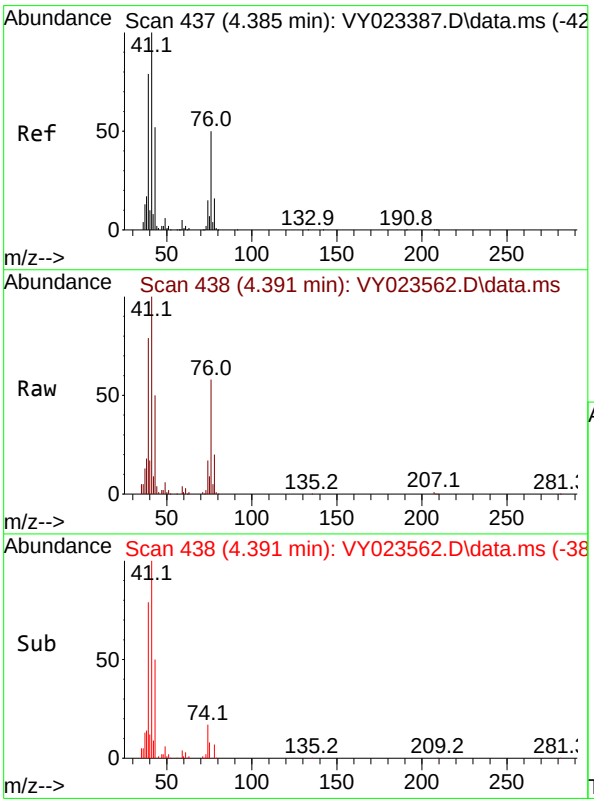
#17
Carbon Disulfide
Concen: 18.993 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 76 Resp: 260295

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

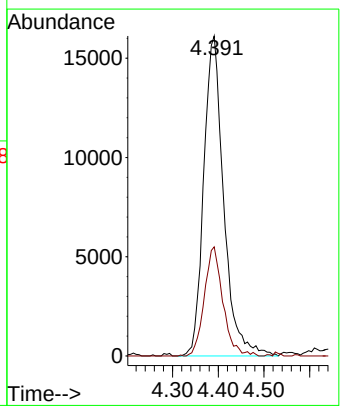


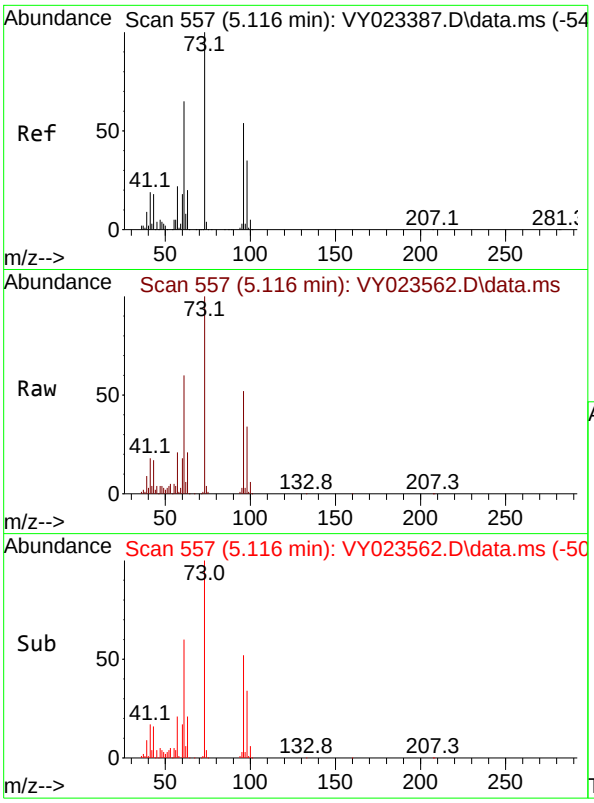


#18
Methyl Acetate
Concen: 17.452 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 48921

Ion	Ratio	Lower	Upper
43	100		
74	31.7	24.2	36.4



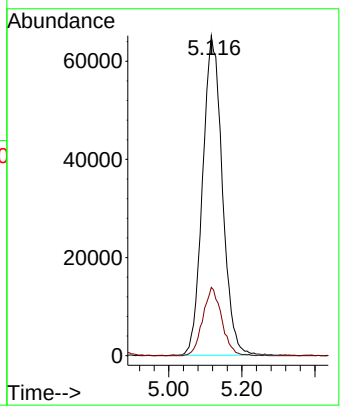


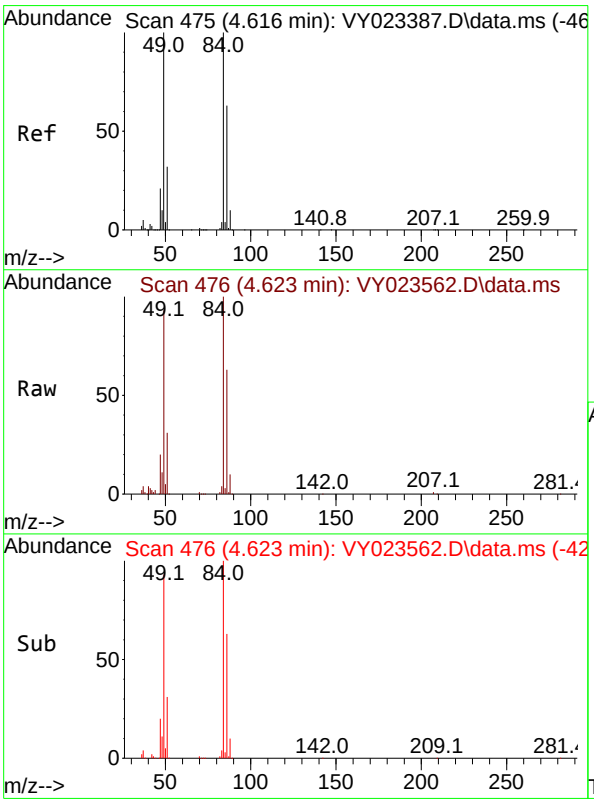
#19
Methyl tert-butyl Ether
Concen: 21.144 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 73 Resp: 243330

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

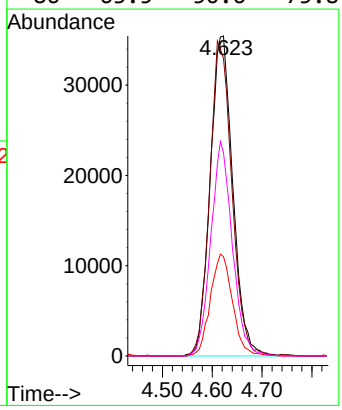


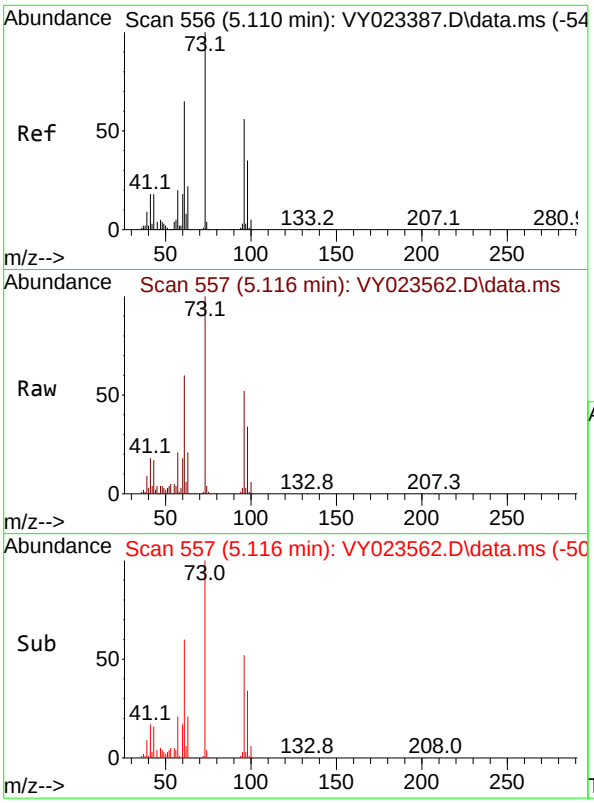


#20
Methylene Chloride
Concen: 19.315 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 84 Resp: 111608

Ion	Ratio	Lower	Upper
84	100		
49	93.0	80.2	120.4
51	31.1	25.9	38.9
86	63.5	50.6	75.8



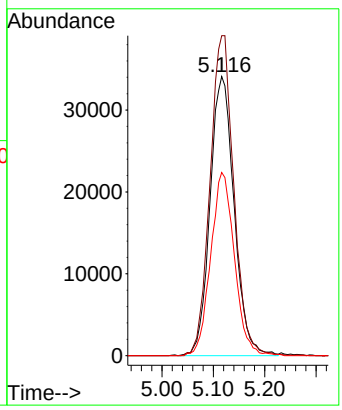


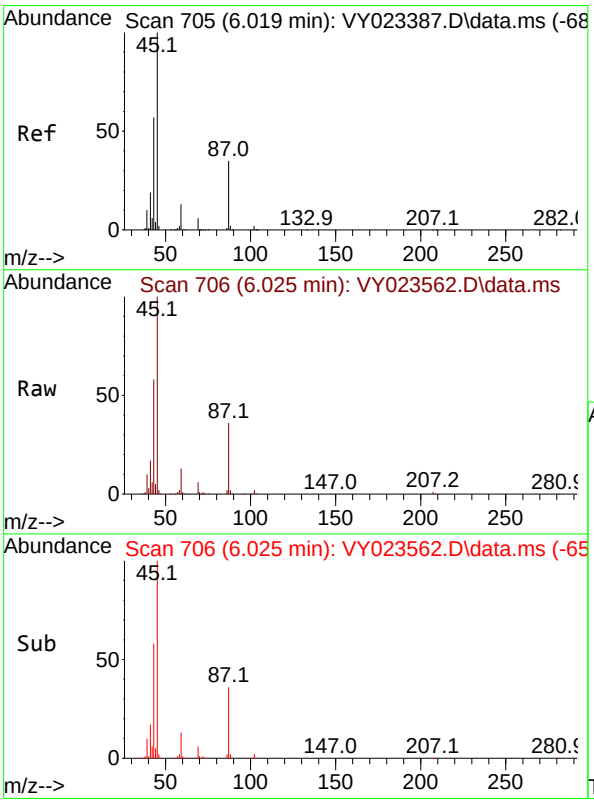
#21
trans-1,2-Dichloroethene
Concen: 21.058 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 96 Resp: 111012

Ion	Ratio	Lower	Upper
96	100		
61	114.6	92.7	139.1
98	65.6	49.7	74.5

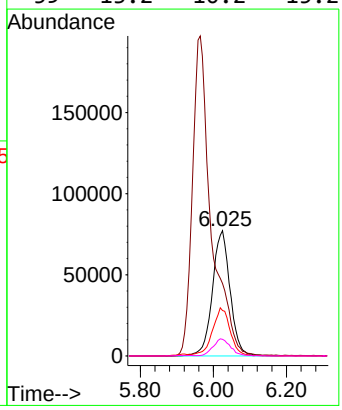


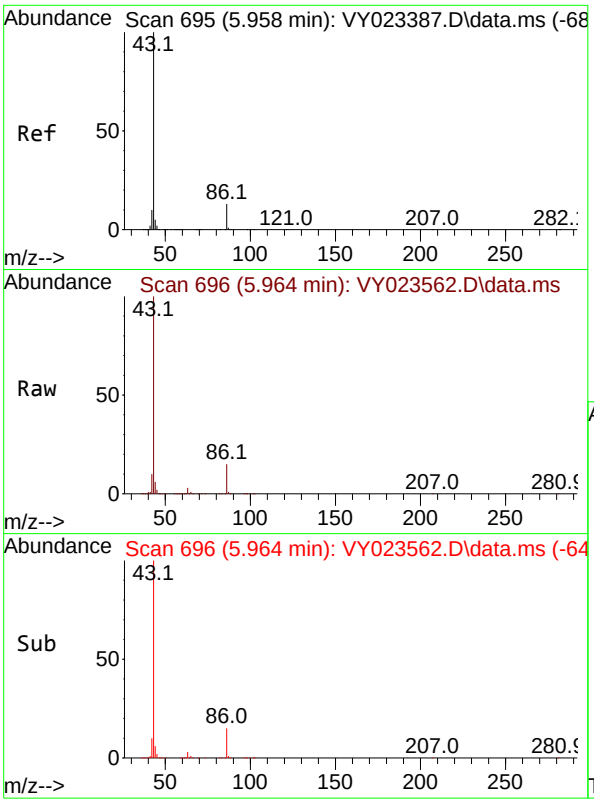


#22
Diisopropyl ether
Concen: 20.089 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 45 Resp: 259309

Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.6	68.4
87	36.3	28.1	42.1
59	13.2	10.2	15.2



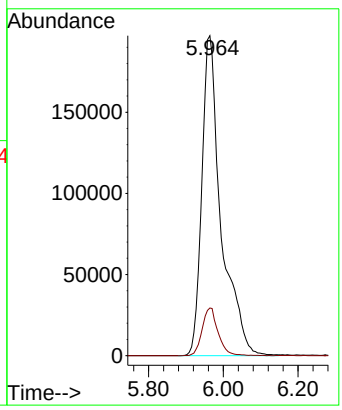


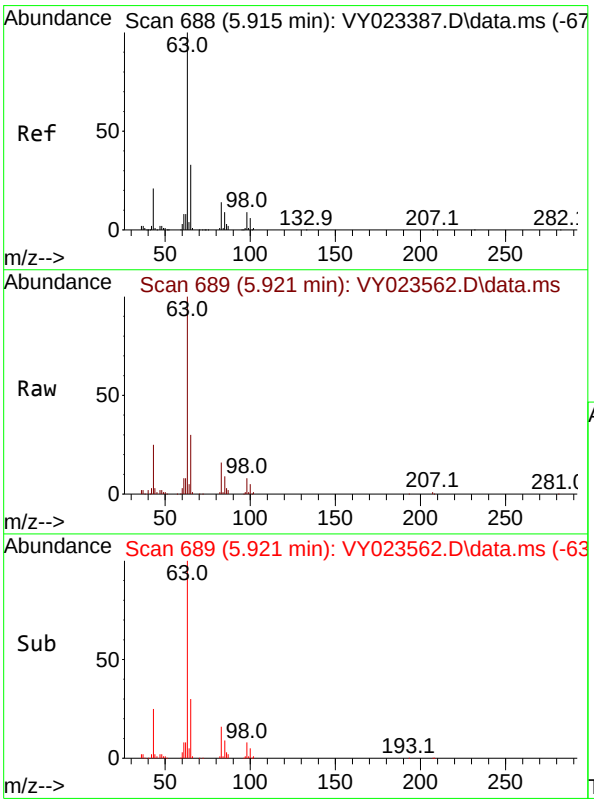
#23
Vinyl Acetate
Concen: 101.069 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 706151

Ion	Ratio	Lower	Upper
43	100		
86	14.9	10.6	15.8

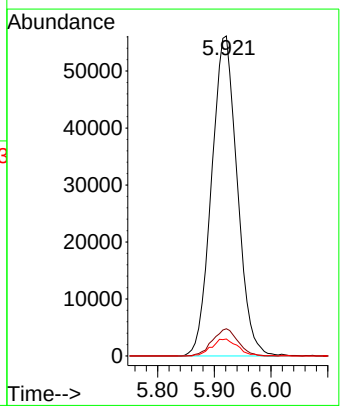


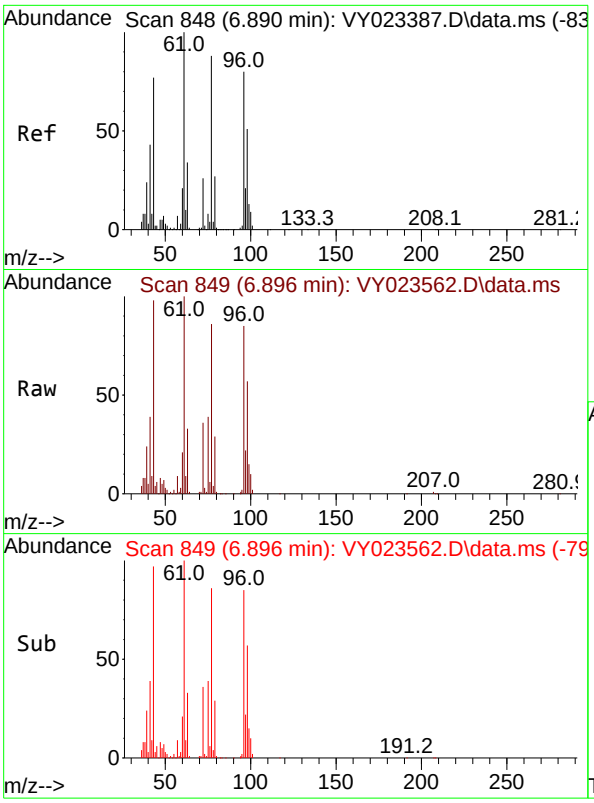


#24
1,1-Dichloroethane
Concen: 20.634 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 176426

Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.3	13.1
100	5.3	2.8	8.4



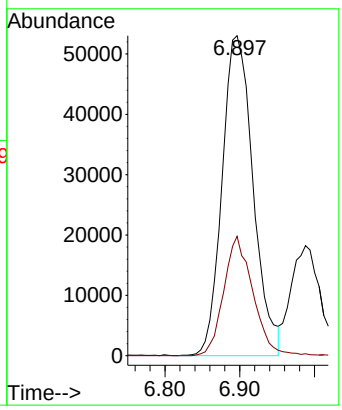


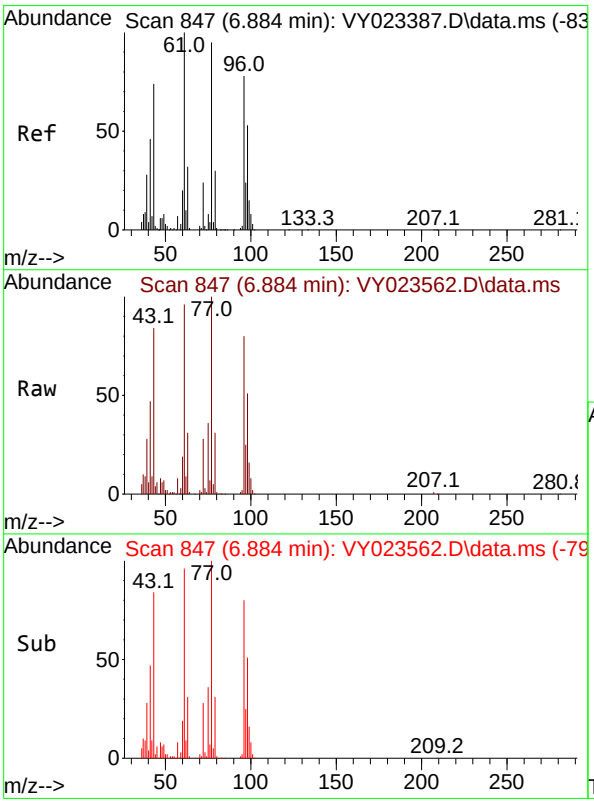
#25
2-Butanone
Concen: 117.645 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 153481

Ion	Ratio	Lower	Upper
43	100		
72	37.3	27.4	41.2

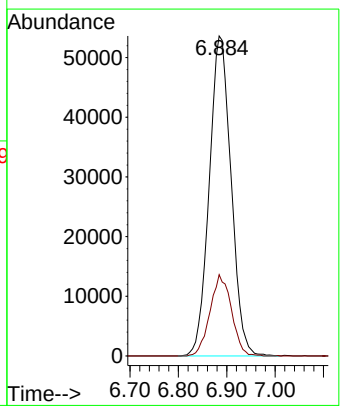


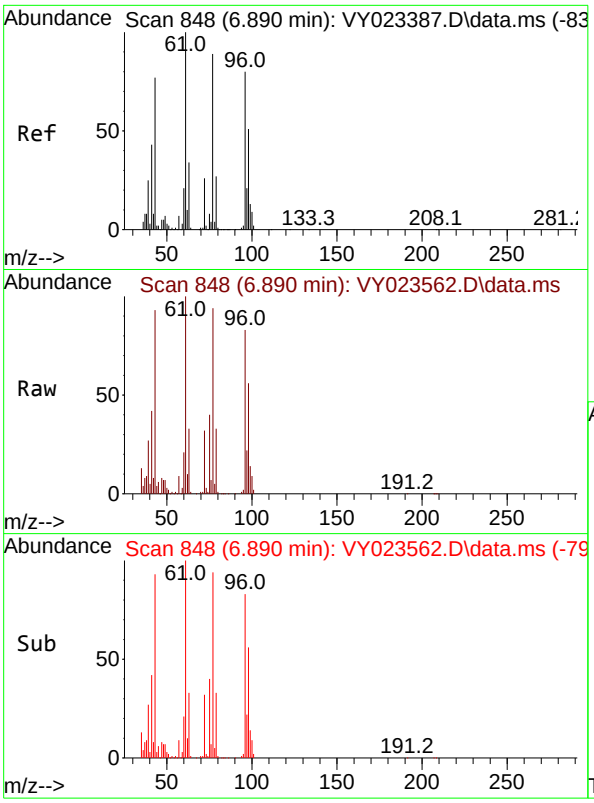


#26
2,2-Dichloropropane
Concen: 21.441 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 77 Resp: 168220

Ion	Ratio	Lower	Upper
77	100		
97	24.9	12.1	36.3



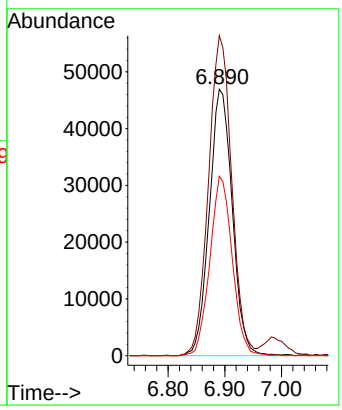


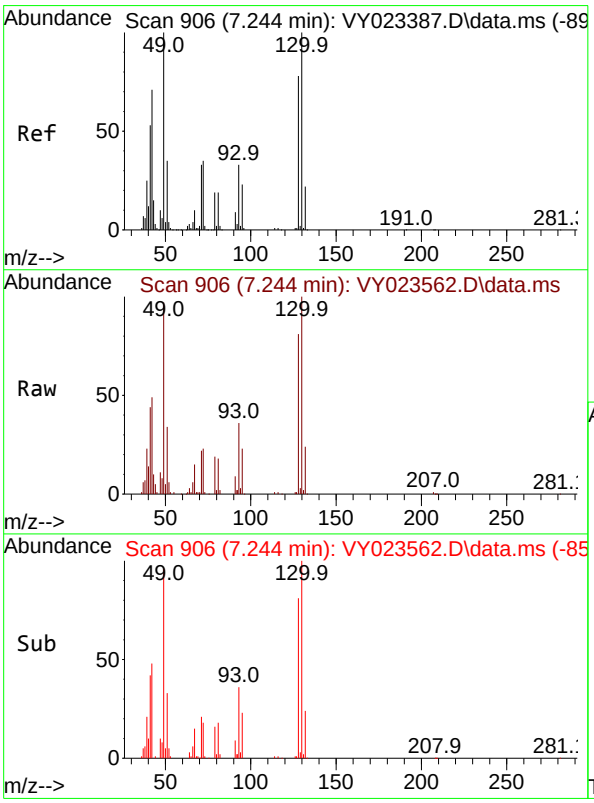
#27
cis-1,2-Dichloroethene
Concen: 21.699 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 96 Resp: 132133

Ion	Ratio	Lower	Upper
96	100		
61	121.1	0.0	258.2
98	65.4	0.0	132.0

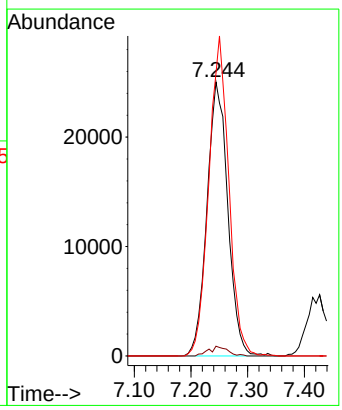


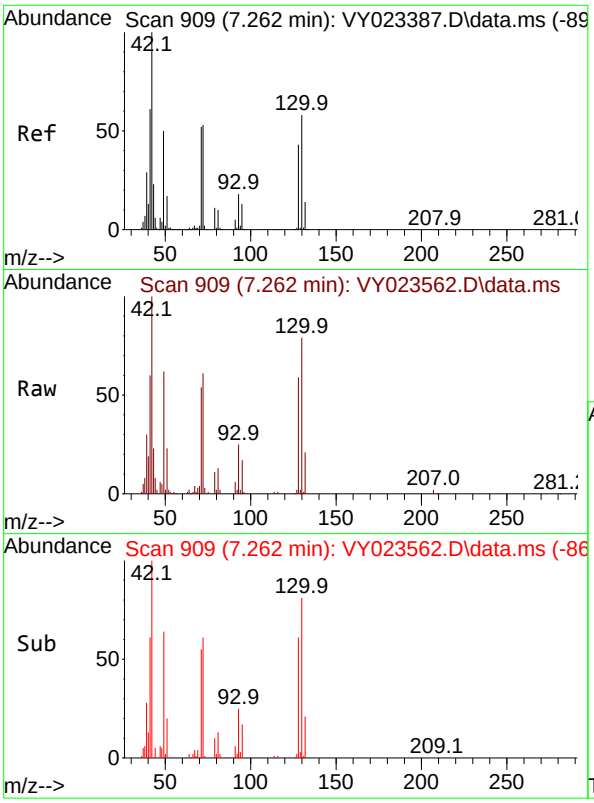


#28
Bromochloromethane
Concen: 20.042 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 49 Resp: 63974

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	111.9	81.9	122.9



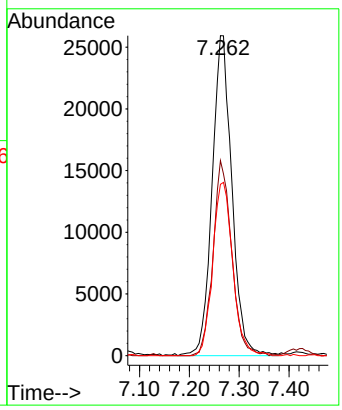


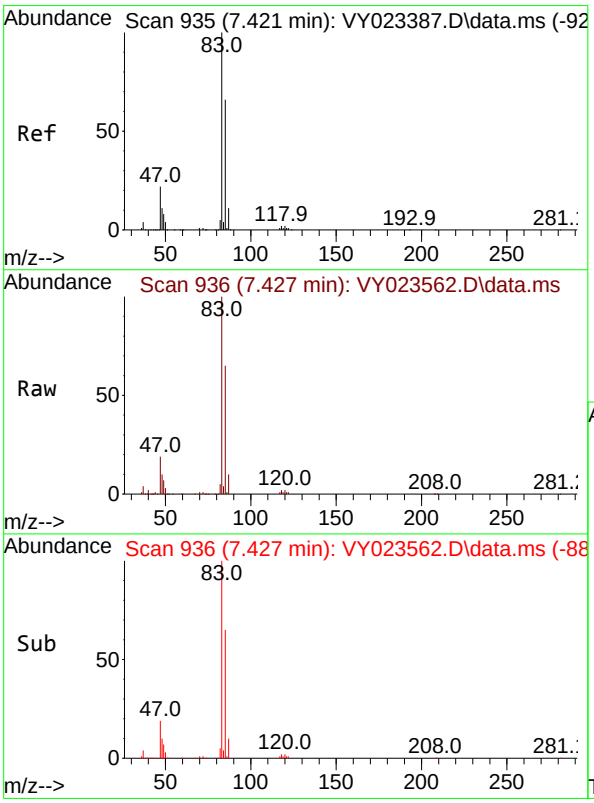
#29
Tetrahydrofuran
Concen: 96.536 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 42 Resp: 71418

Ion	Ratio	Lower	Upper
42	100		
72	57.6	43.0	64.6
71	54.9	40.1	60.1

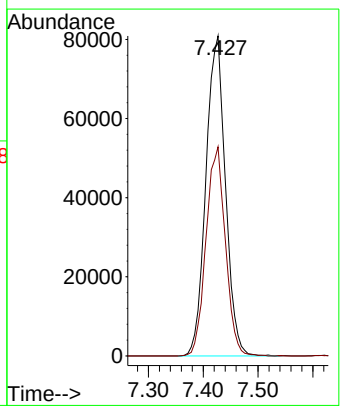


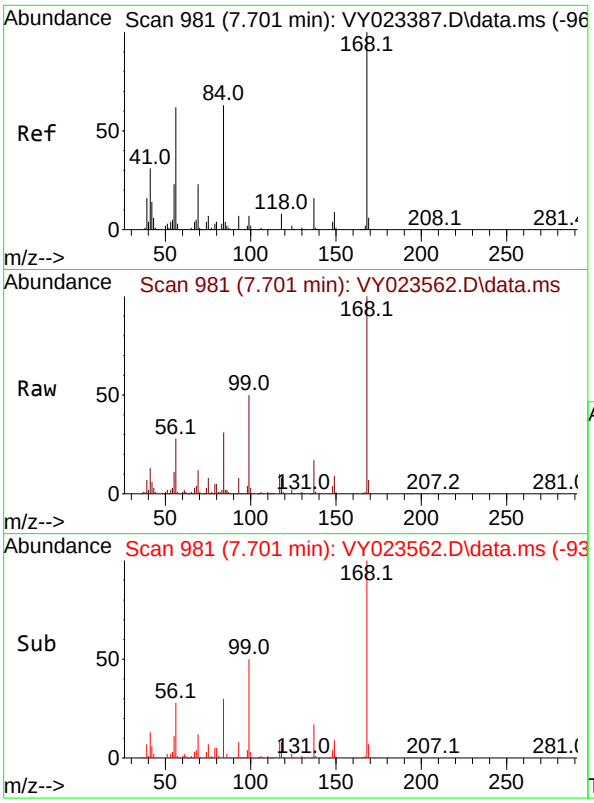


#30
Chloroform
Concen: 21.289 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 199992

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7



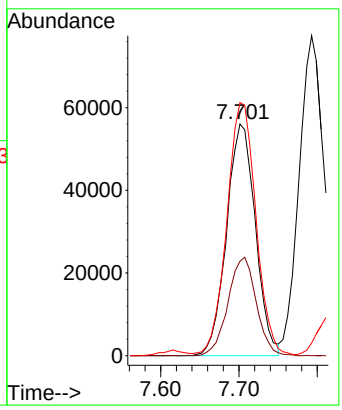


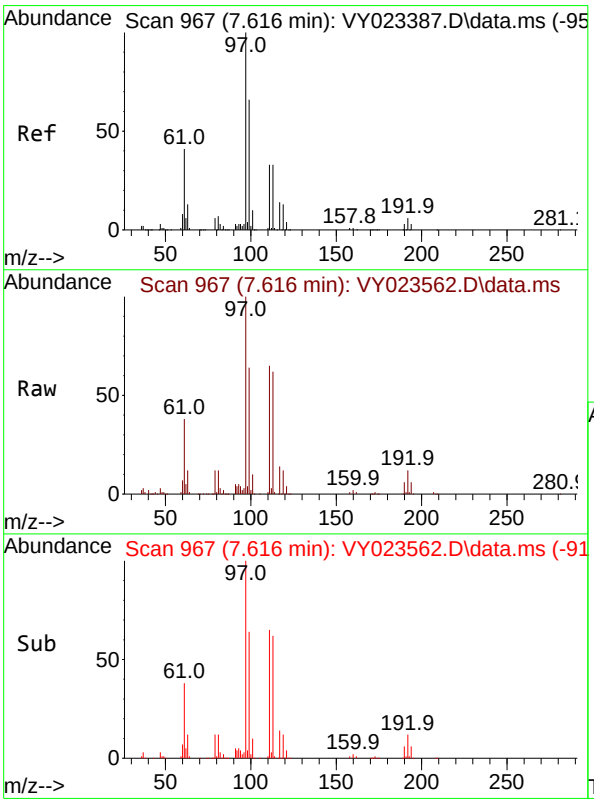
#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 56 Resp: 143461

Ion	Ratio	Lower	Upper
56	100		
69	40.7	30.0	45.0
84	107.4	81.2	121.8

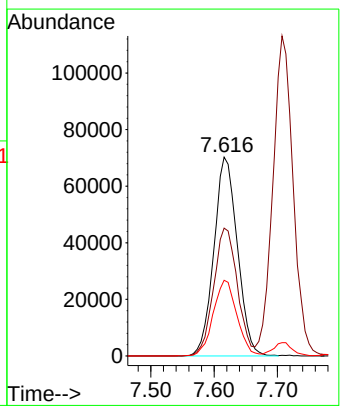


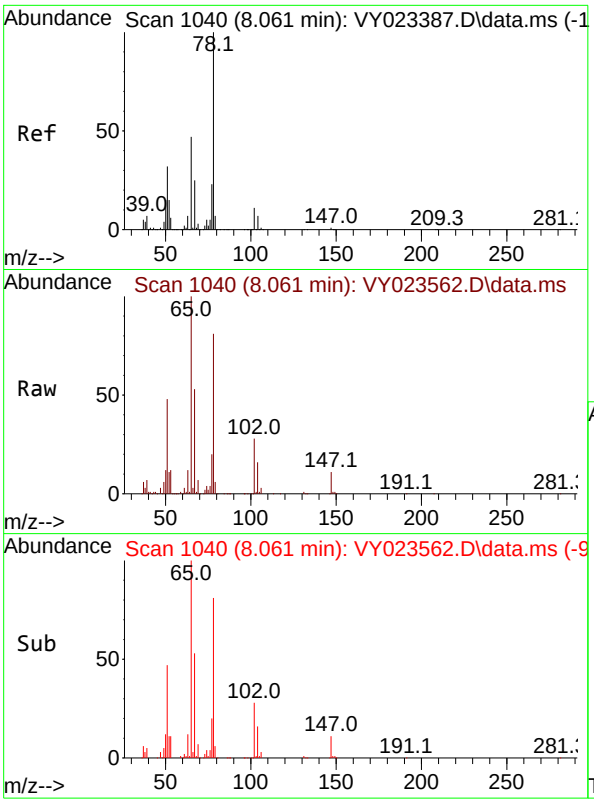


#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 97 Resp: 181103

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	38.4	31.9	47.9



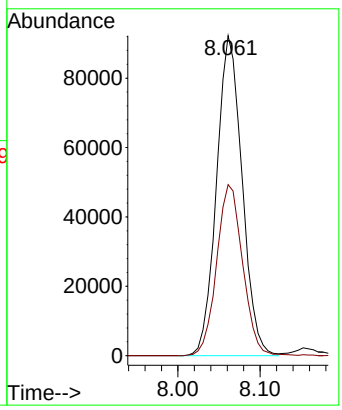


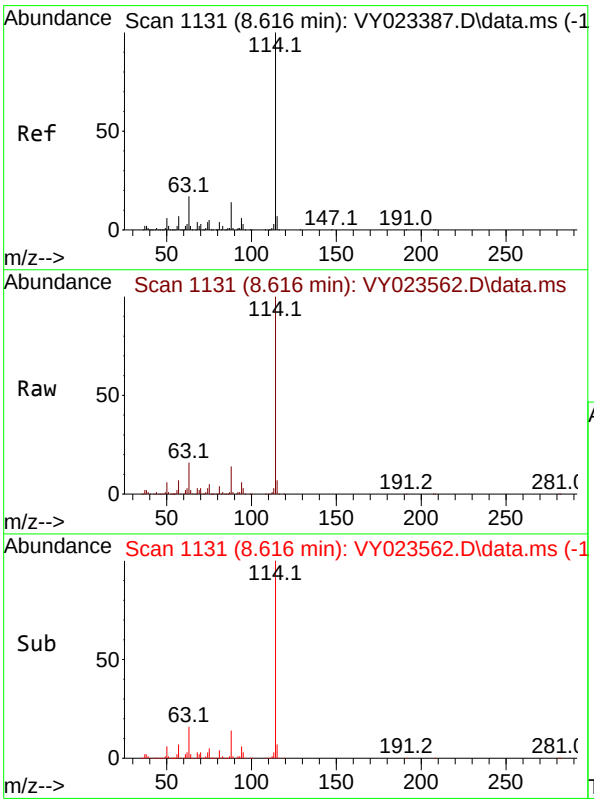
#33
1,2-Dichloroethane-d4
Concen: 44.408 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 65 Resp: 199332

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.8

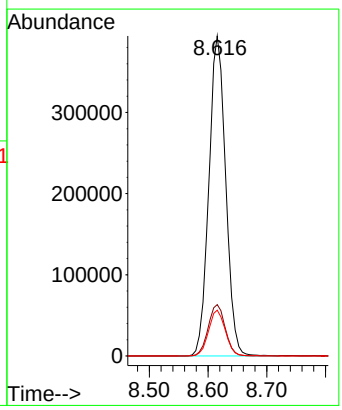


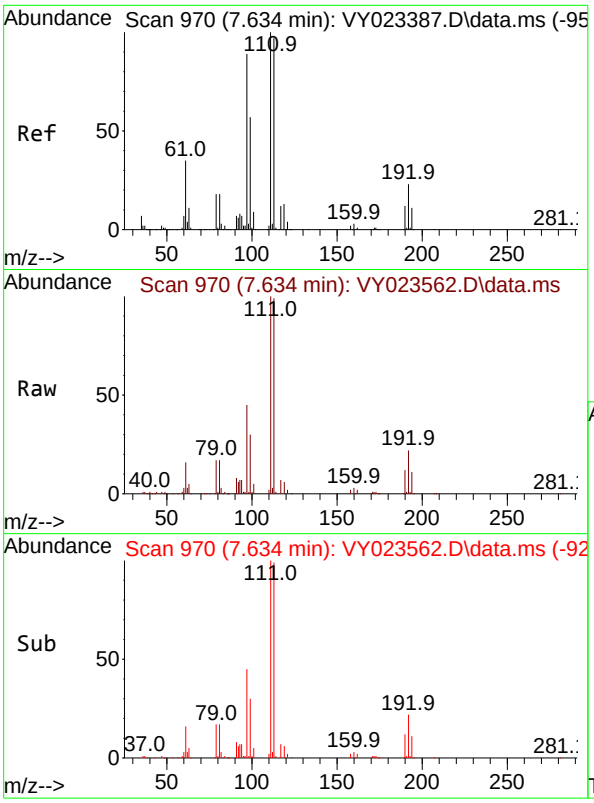


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:114 Resp: 783587

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	34.2
88	14.3	0.0	28.4



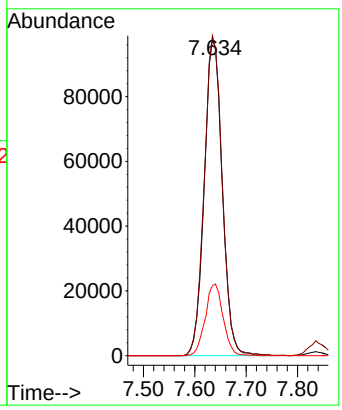


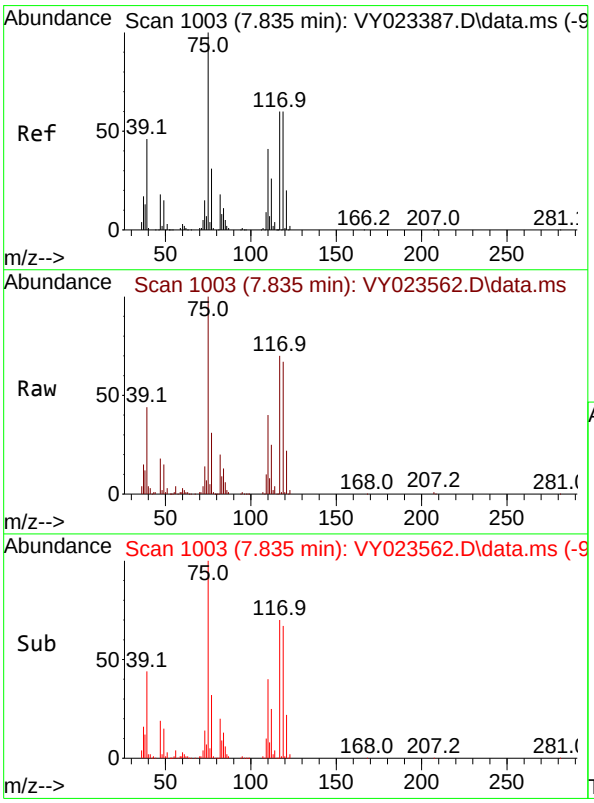
#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:113 Resp: 237654

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.6
192	22.5	18.0	27.0

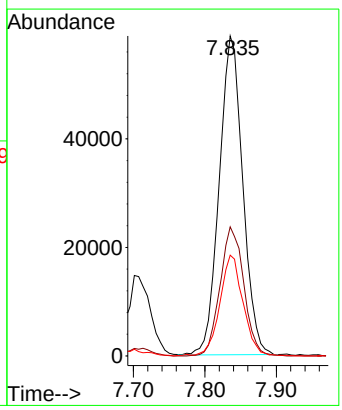


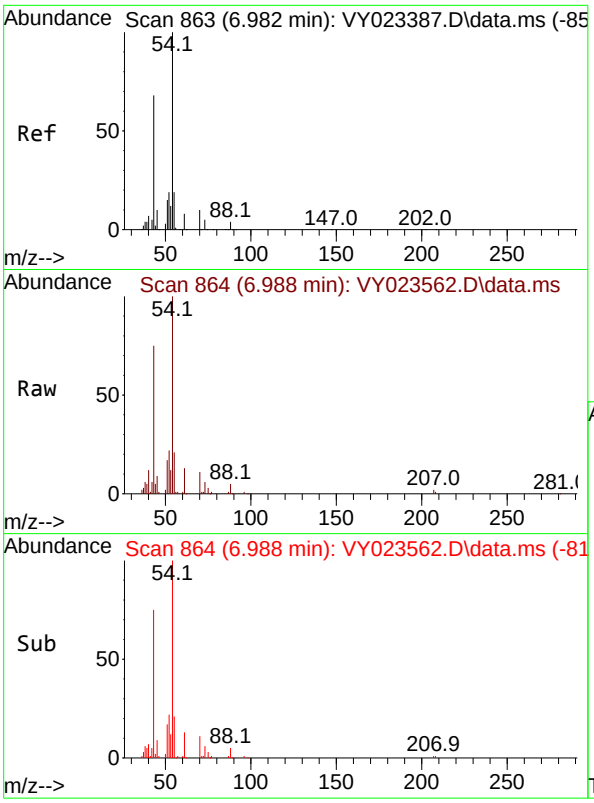


#36
1,1-Dichloropropene
Concen: 21.094 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 134460

Ion	Ratio	Lower	Upper
75	100		
110	40.8	19.9	59.7
77	31.3	25.0	37.6



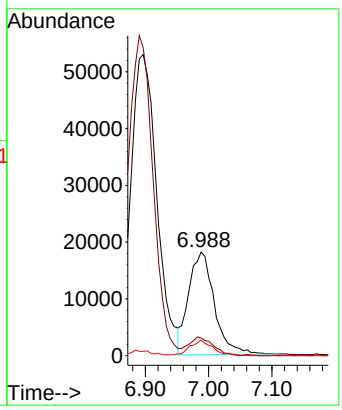


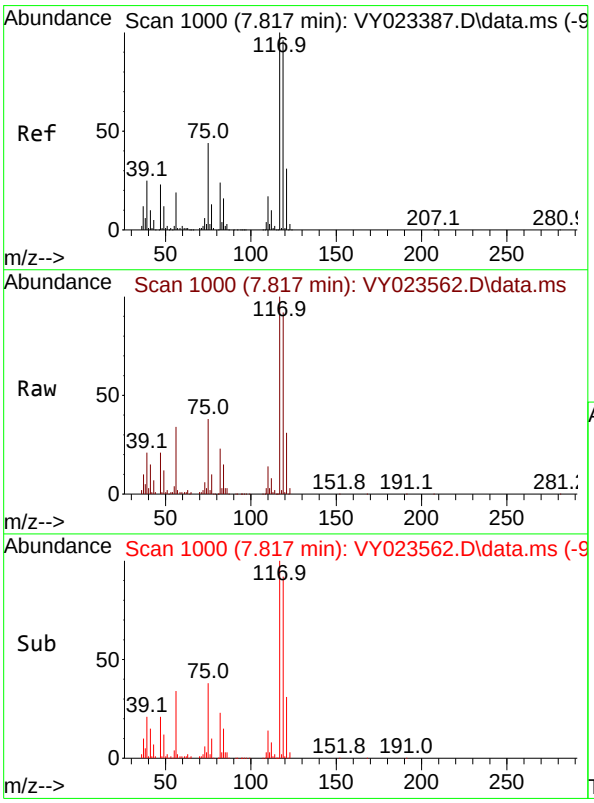
#37
Ethyl Acetate
Concen: 20.234 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 51097

Ion	Ratio	Lower	Upper
43	100		
61	17.0	11.8	17.8
70	13.4	10.5	15.7

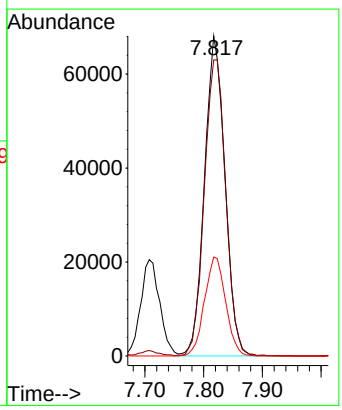


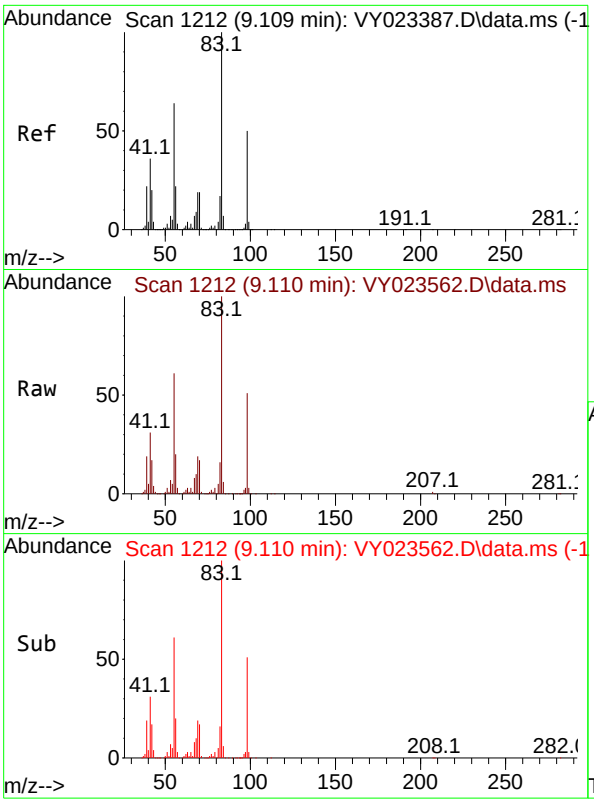


#38
Carbon Tetrachloride
Concen: 21.356 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:117 Resp: 165067

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.8	115.2
121	30.9	24.5	36.7



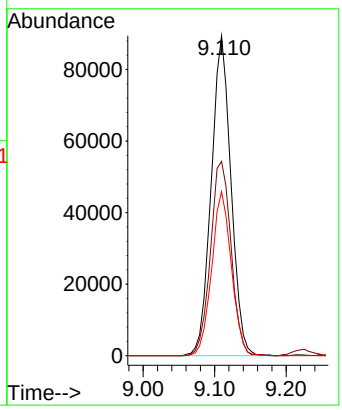


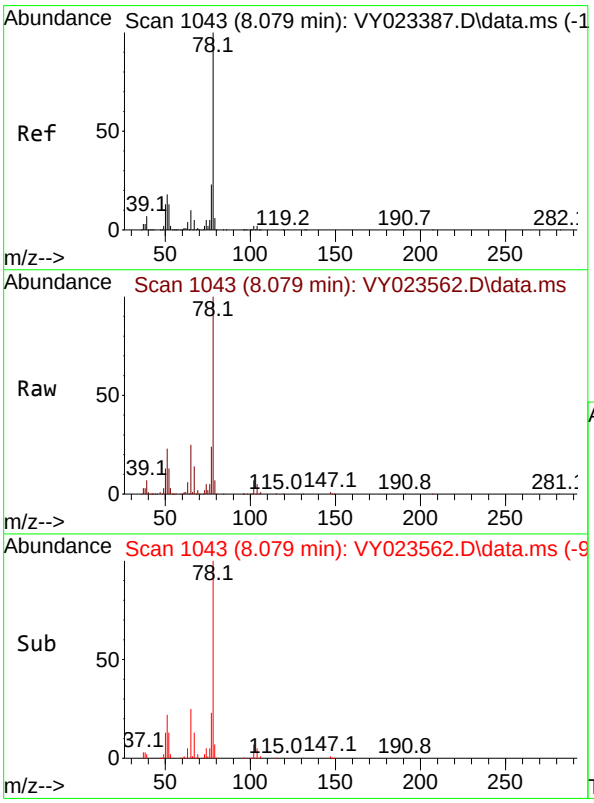
#39
Methylcyclohexane
Concen: 20.661 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 83 Resp: 171472

Ion	Ratio	Lower	Upper
83	100		
55	60.7	51.4	77.2
98	51.3	40.4	60.6

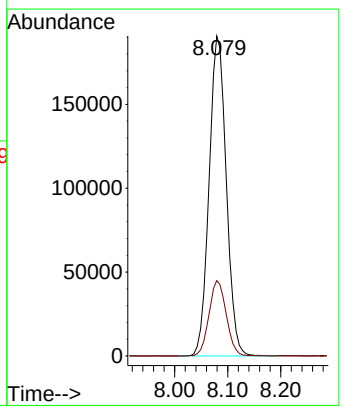


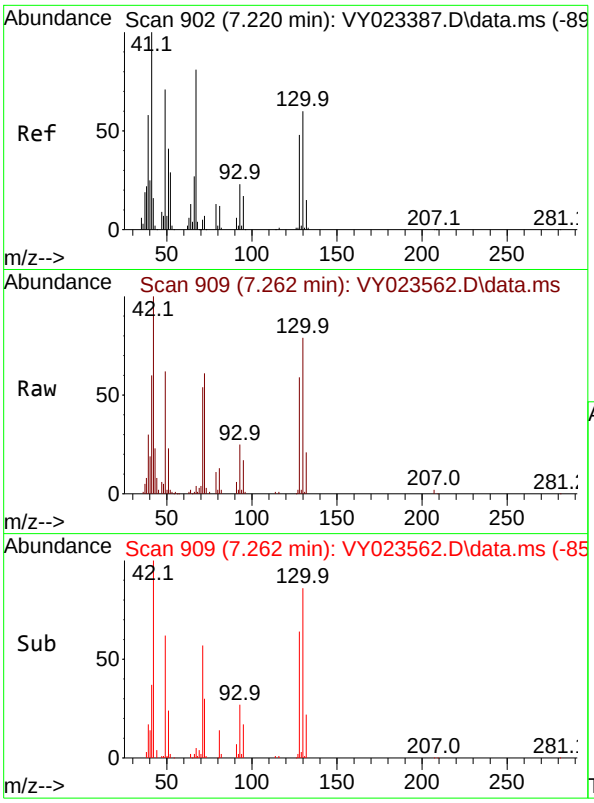


#40
Benzene
Concen: 21.267 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 78 Resp: 429319

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5



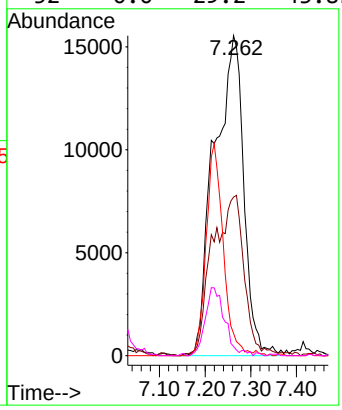


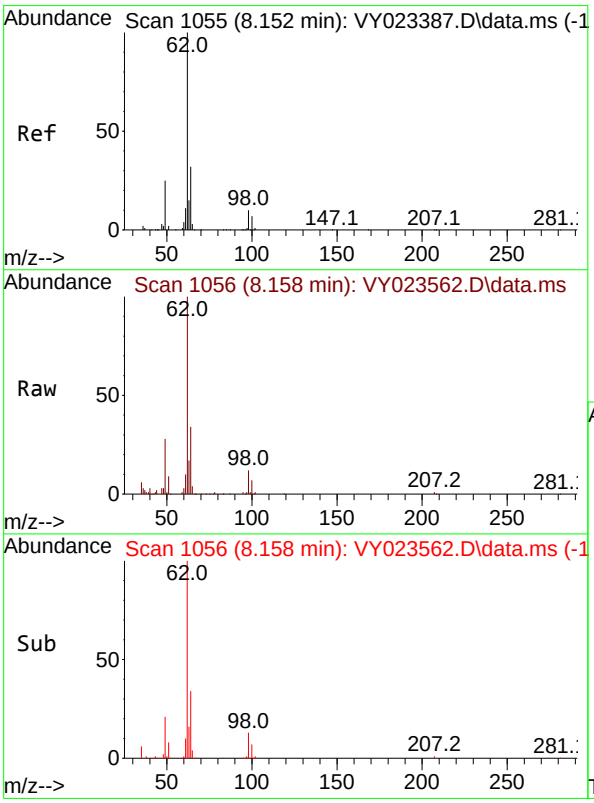
#41
Methacrylonitrile
Concen: 50.875 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.043 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 41 Resp: 69484

Ion	Ratio	Lower	Upper
41	100		
39	27.5	52.2	78.4#
67	0.0	74.9	112.3#
52	0.0	29.2	43.8#

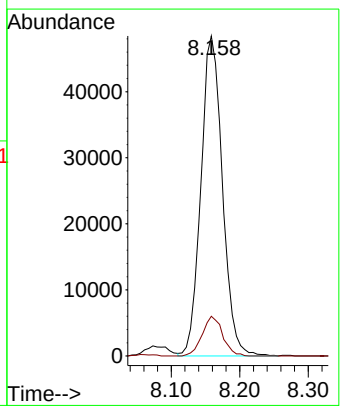


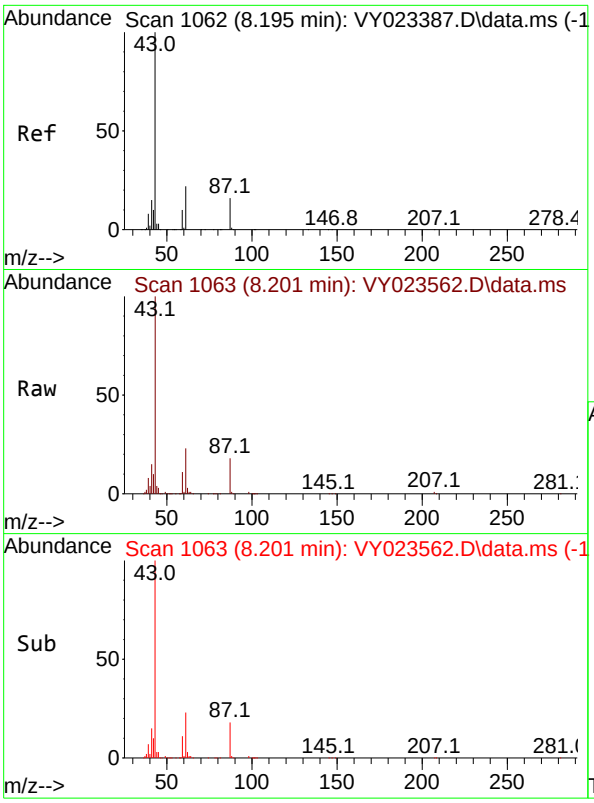


#42
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 106025

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	21.6



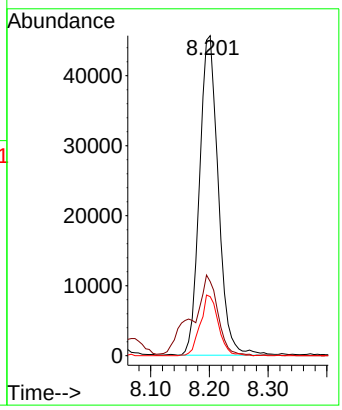


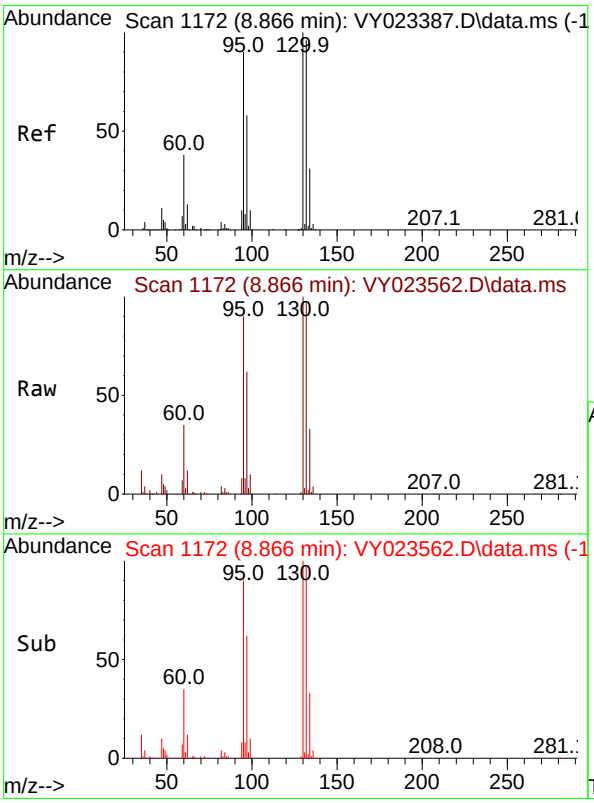
#43
Isopropyl Acetate
Concen: 20.085 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 101137

Ion	Ratio	Lower	Upper
43	100		
61	34.6	18.1	27.1#
87	18.3	13.5	20.3

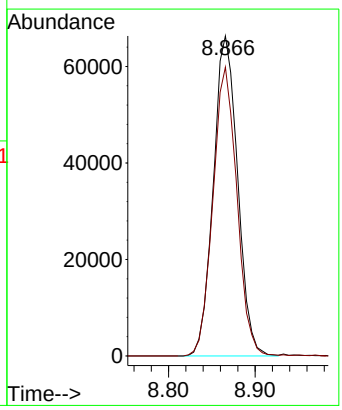


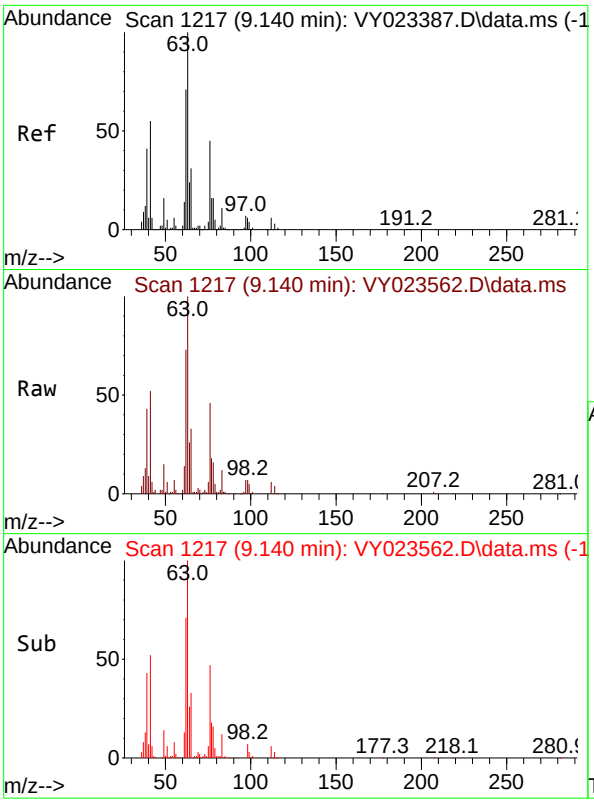


#44
Trichloroethene
Concen: 21.853 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:130 Resp: 129117

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	180.6



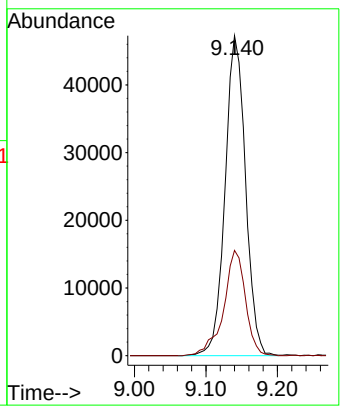


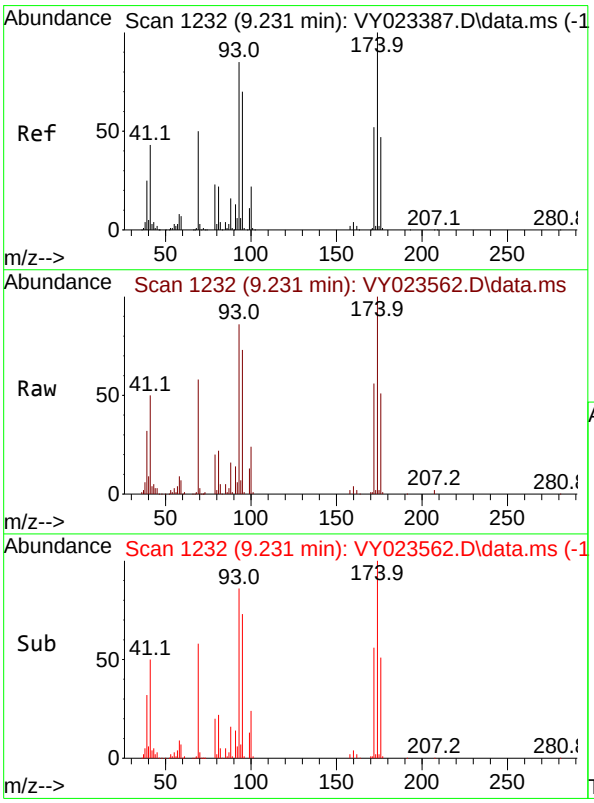
#45
1,2-Dichloropropane
Concen: 21.049 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 63 Resp: 93853

Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.9	37.3

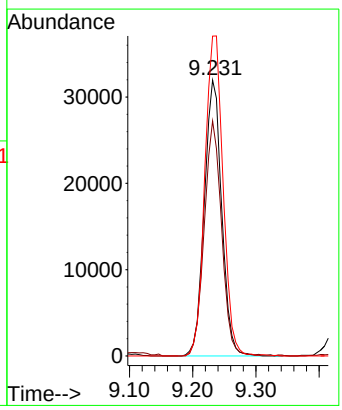


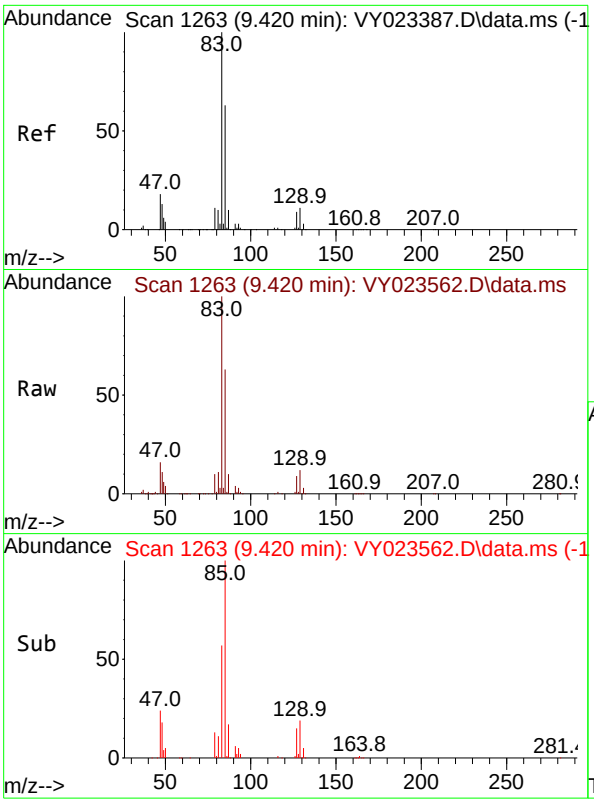


#46
Dibromomethane
Concen: 21.762 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 93 Resp: 61356

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.4	98.0
174	121.2	92.9	139.3



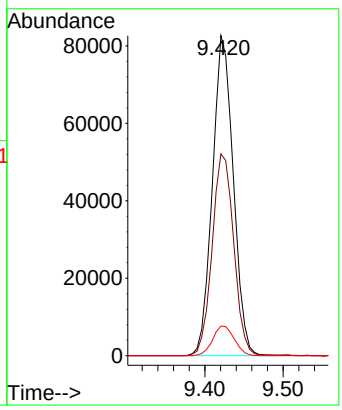


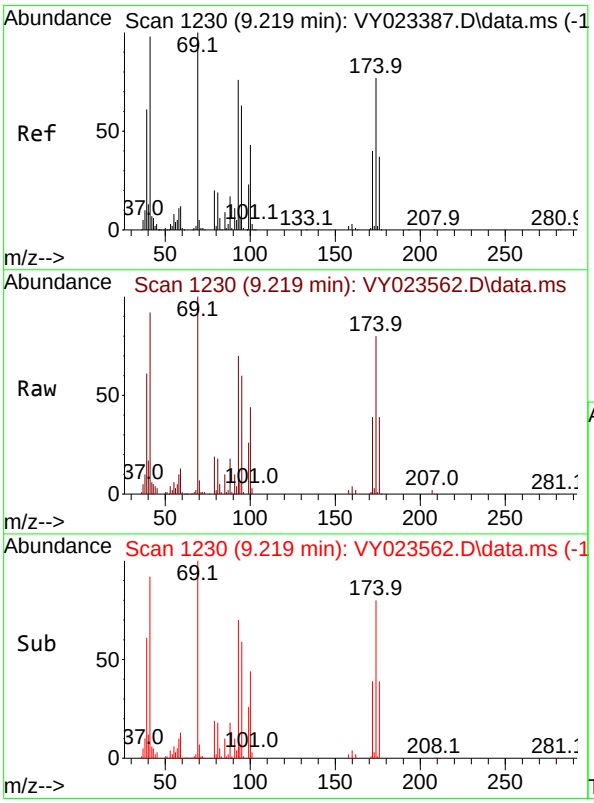
#47
Bromodichloromethane
Concen: 21.596 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 83 Resp: 153350

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.8	76.2
127	9.3	7.4	11.2

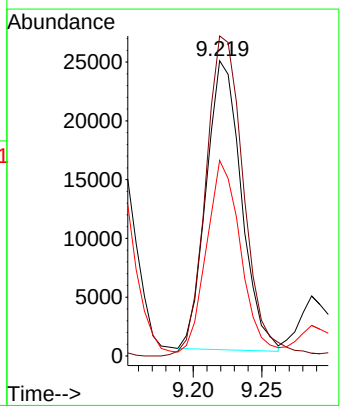


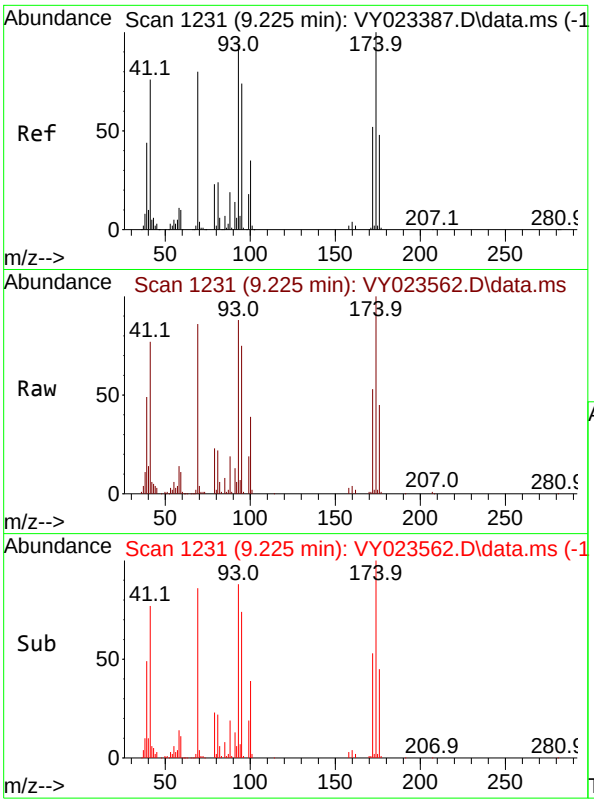


#48
Methyl methacrylate
Concen: 18.531 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 43837

Ion	Ratio	Lower	Upper
41	100		
69	119.6	81.0	121.4
39	66.1	48.2	72.4



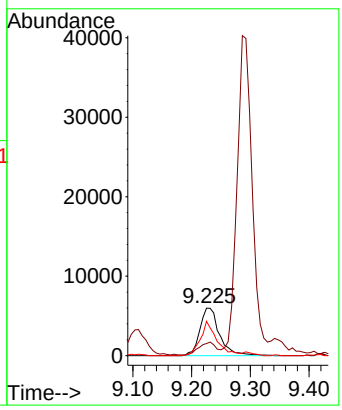


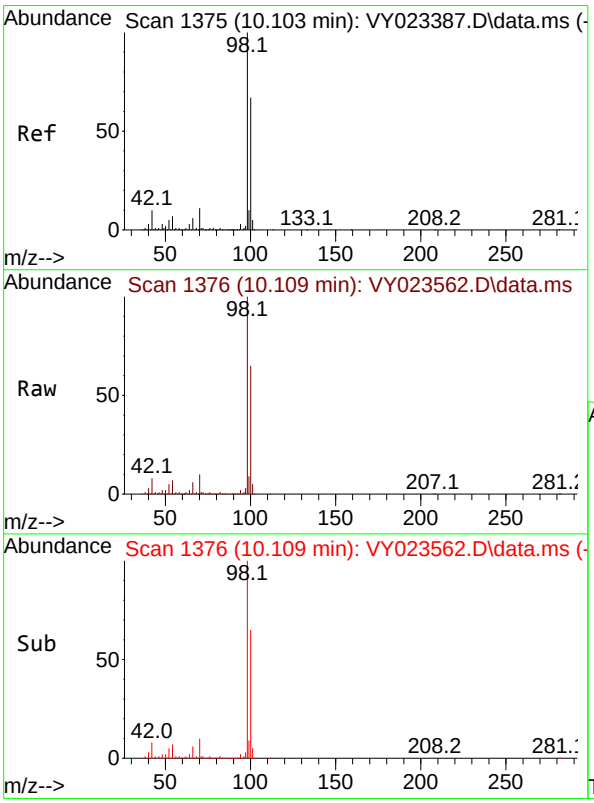
#49
1,4-Dioxane
Concen: 426.504 ug/l
RT: 9.225 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 88 Resp: 13942

Ion	Ratio	Lower	Upper
88	100		
43	23.7	21.8	32.8
58	59.8	46.8	70.2

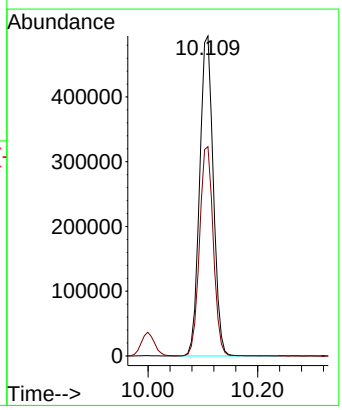


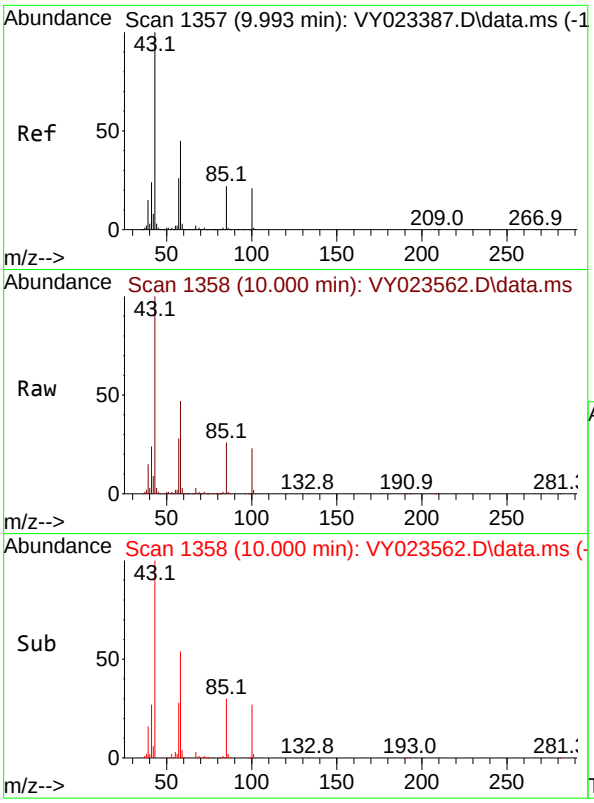


#50
Toluene-d8
Concen: 47.619 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 98 Resp: 853846

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4



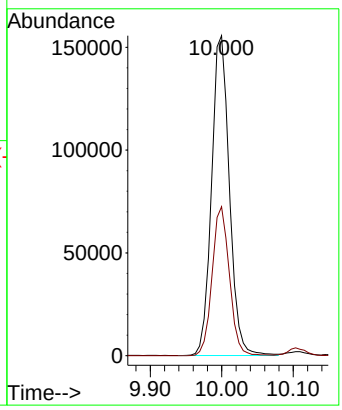


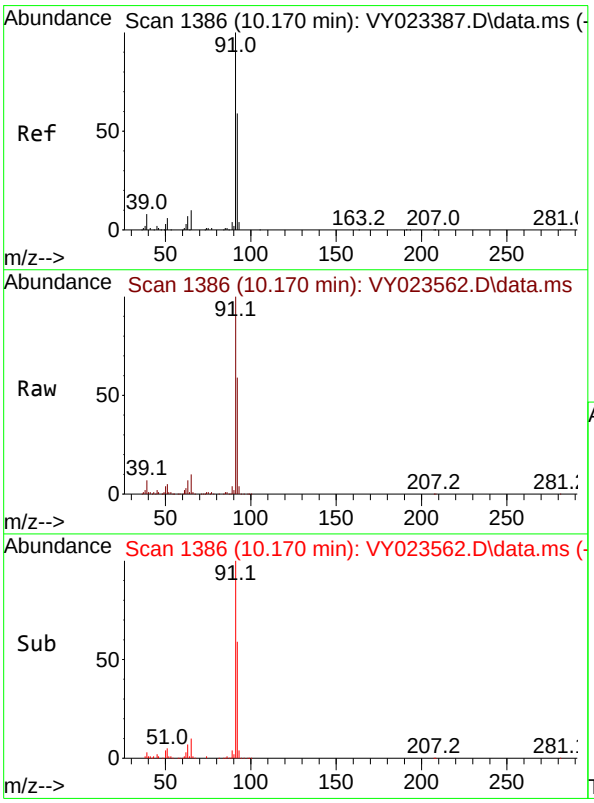
#51
4-Methyl-2-Pentanone
Concen: 103.526 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 269342

Ion	Ratio	Lower	Upper
43	100		
58	45.2	35.3	52.9

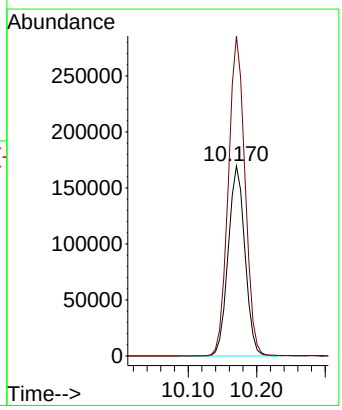


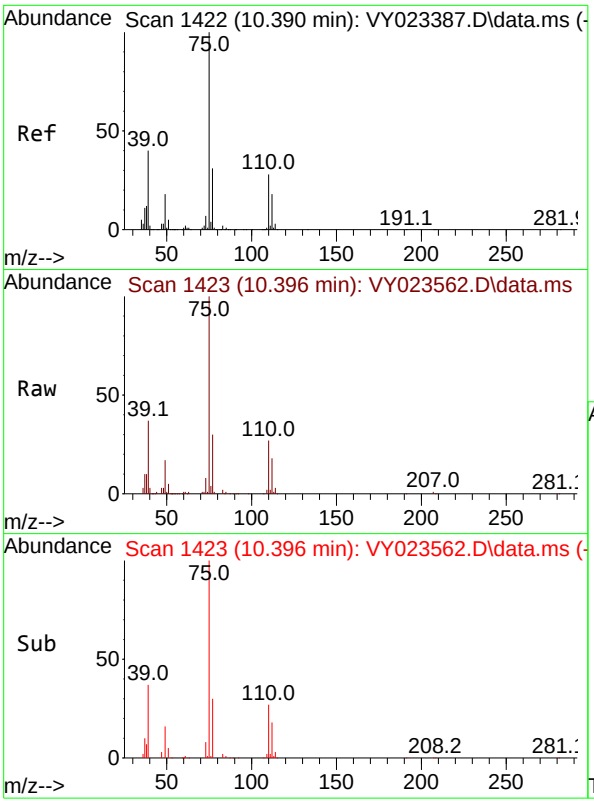


#52
Toluene
Concen: 21.935 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 92 Resp: 287505

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.4	204.6



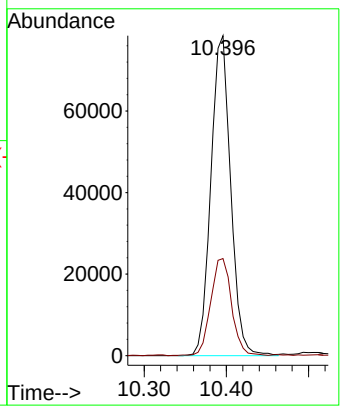


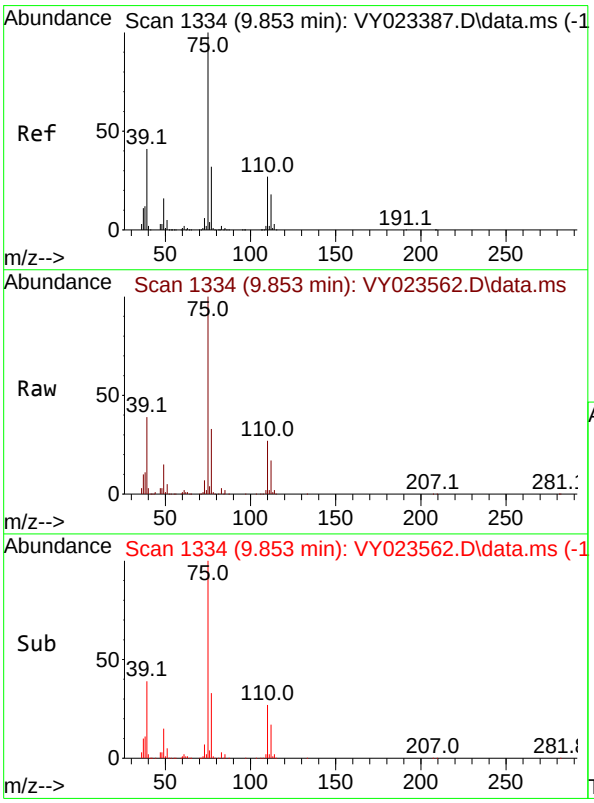
#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 75 Resp: 131216

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7

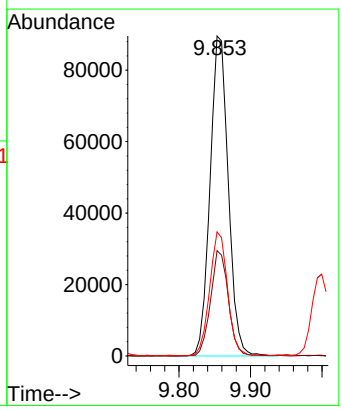


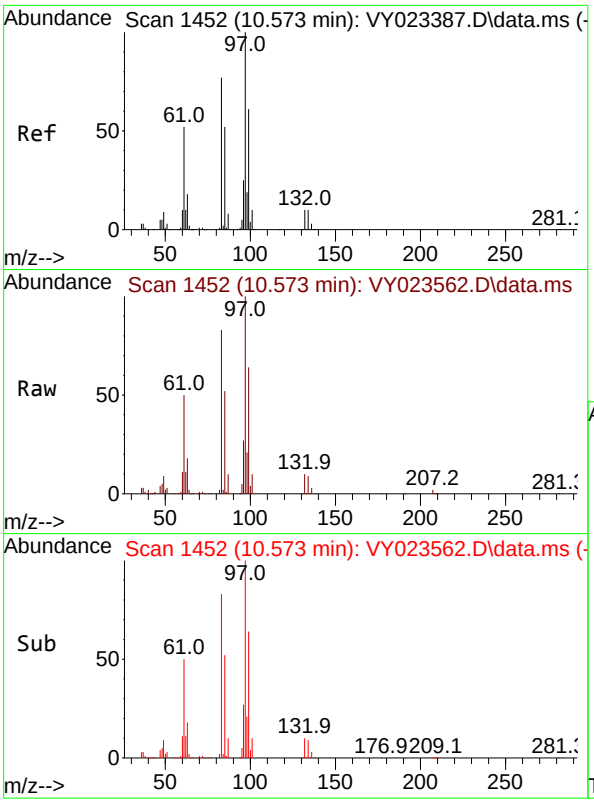


#54
cis-1,3-Dichloropropene
Concen: 21.760 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 158569

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0
39	38.7	32.8	49.2



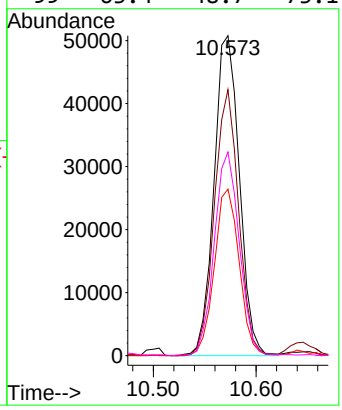


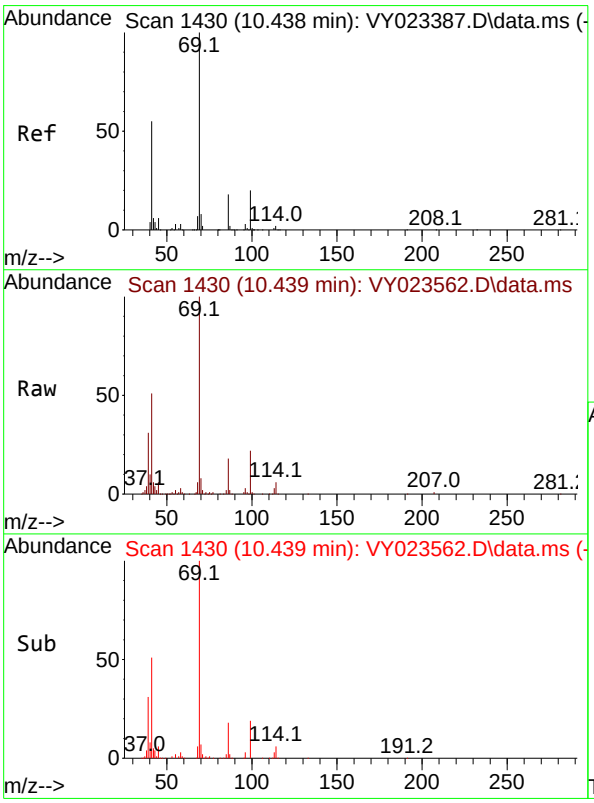
#55
1,1,2-Trichloroethane
Concen: 22.969 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 97 Resp: 87086

Ion	Ratio	Lower	Upper
97	100		
83	83.2	61.8	92.6
85	52.1	41.3	61.9
99	63.4	48.7	73.1

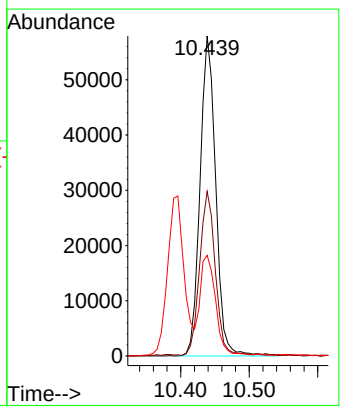


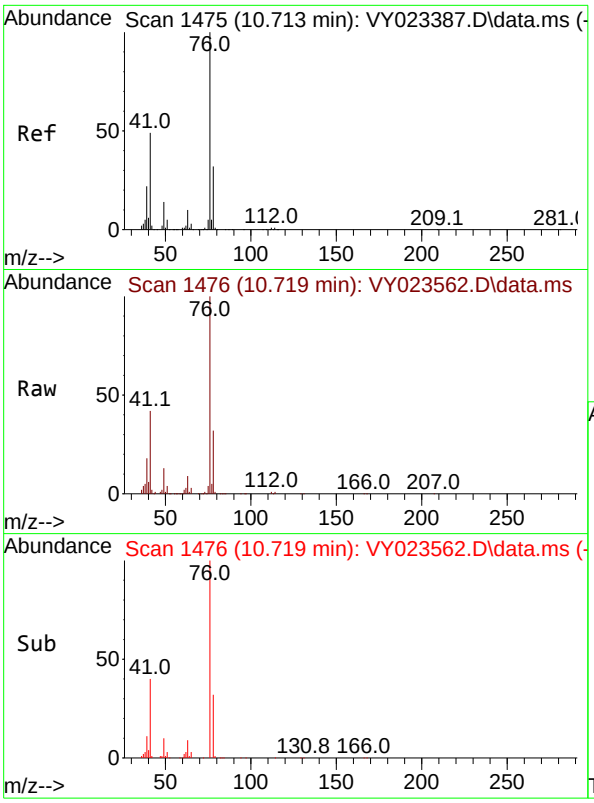


#56
Ethyl methacrylate
Concen: 21.090 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 69 Resp: 92237

Ion	Ratio	Lower	Upper
69	100		
41	51.1	44.6	67.0
39	30.5	27.0	40.4



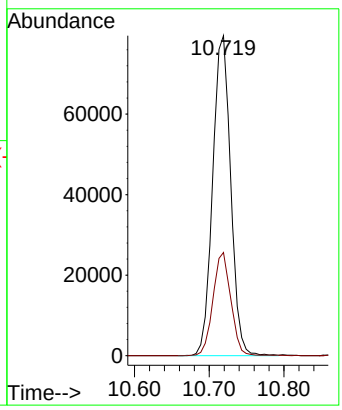


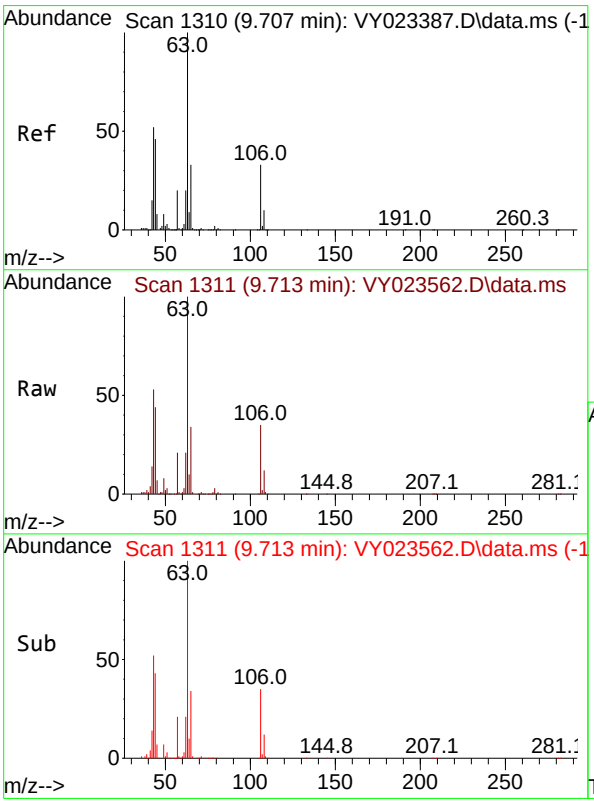
#57
1,3-Dichloropropane
Concen: 22.110 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 76 Resp: 132832

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

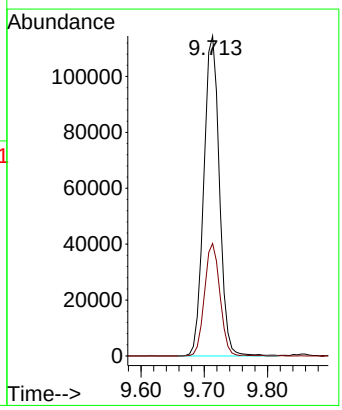


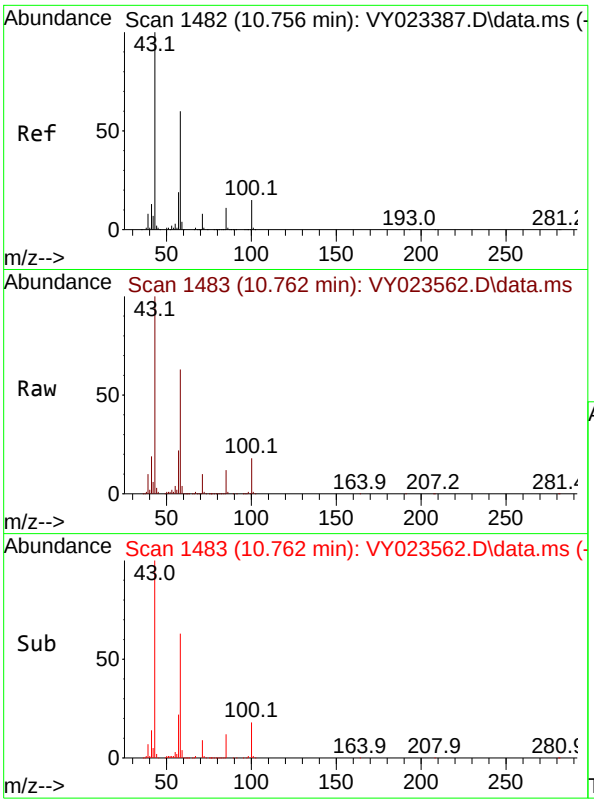


#58
2-Chloroethyl Vinyl ether
Concen: 100.804 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 197494

Ion	Ratio	Lower	Upper
63	100		
106	34.8	26.6	39.8



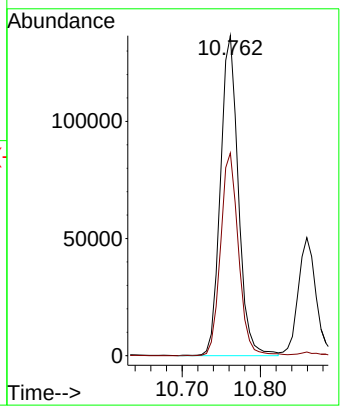


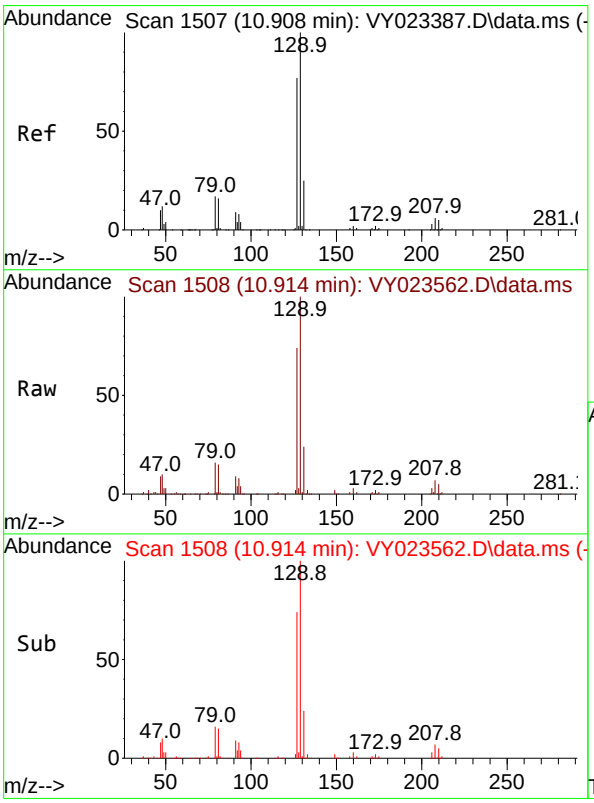
#59
2-Hexanone
Concen: 116.754 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 217078

Ion	Ratio	Lower	Upper
43	100		
58	63.5	30.5	91.5

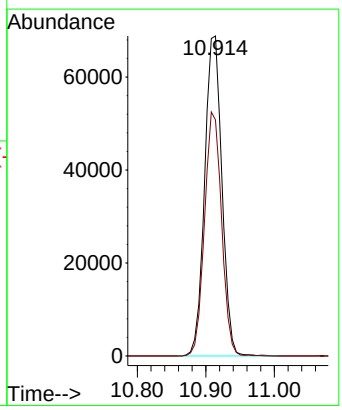


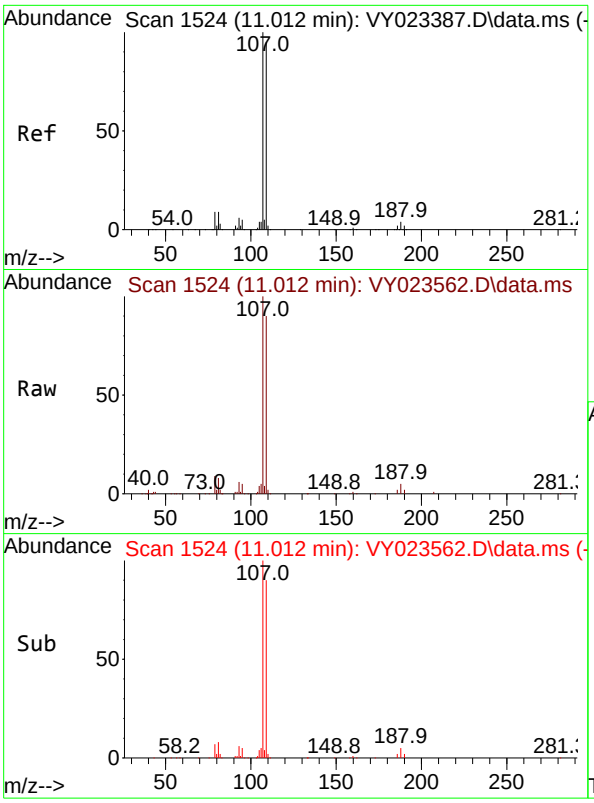


#60
Dibromochloromethane
Concen: 22.725 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:129 Resp: 120798

Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.6	115.7



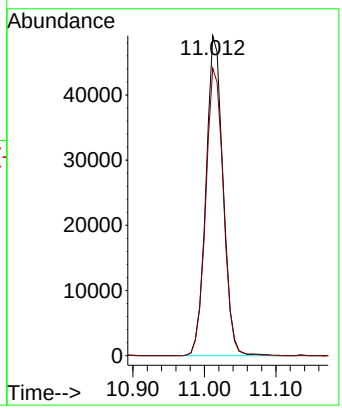


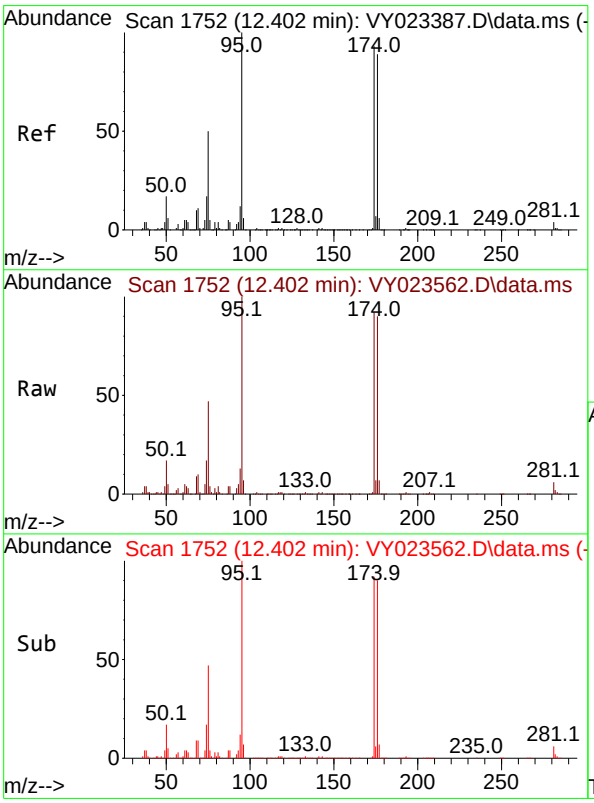
#61
1,2-Dibromoethane
Concen: 22.484 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:107 Resp: 81298

Ion	Ratio	Lower	Upper
107	100		
109	93.3	76.1	114.1

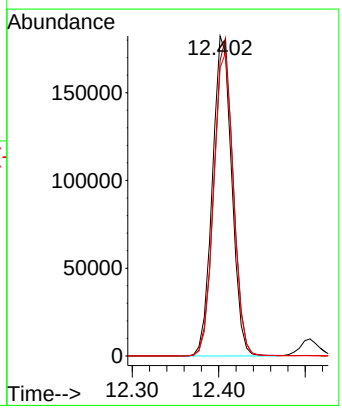


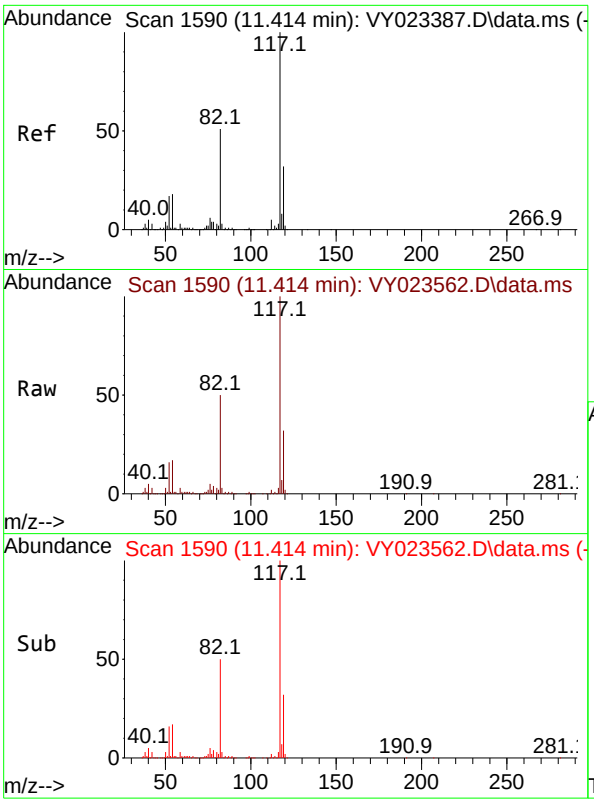


#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 95 Resp: 282869

Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	192.8
176	96.0	0.0	187.6



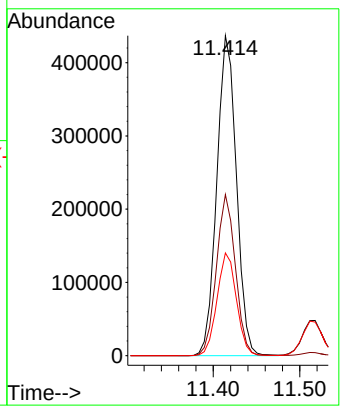


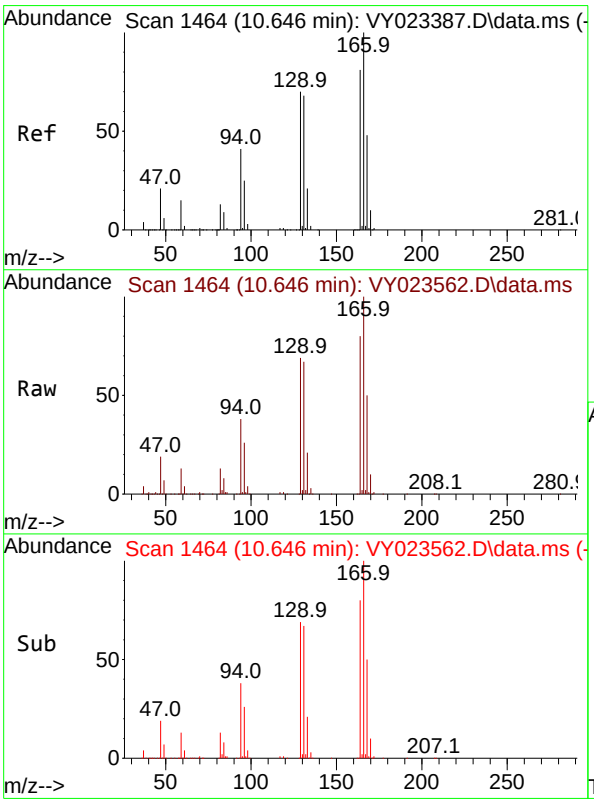
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:117 Resp: 686581

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.4
119	32.1	25.6	38.4

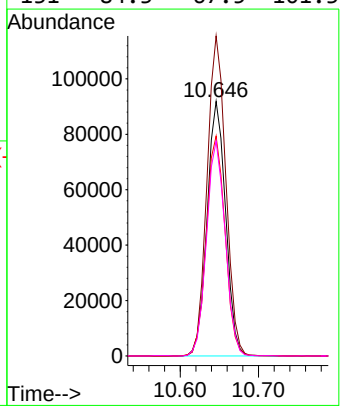


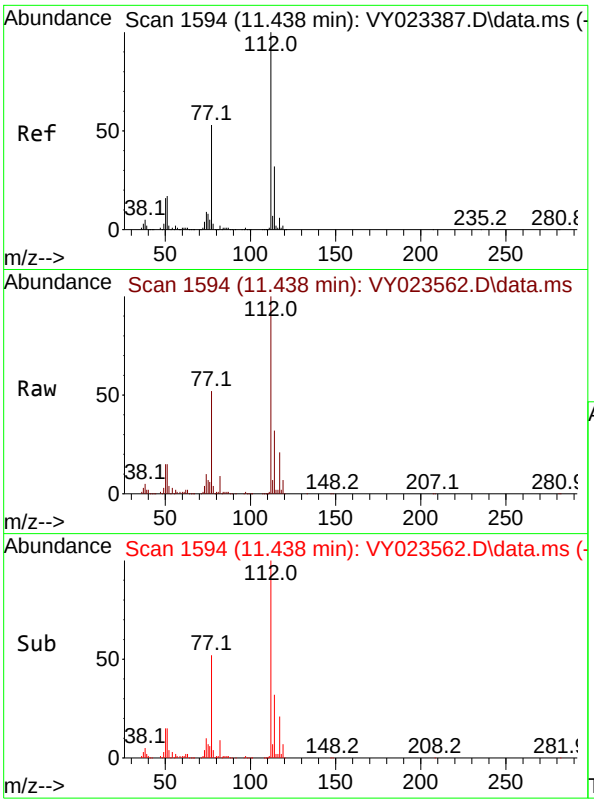


#64
Tetrachloroethene
Concen: 21.309 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:164 Resp: 151062

Ion	Ratio	Lower	Upper
164	100		
166	125.7	99.4	149.0
129	86.4	69.4	104.2
131	84.3	67.5	101.3



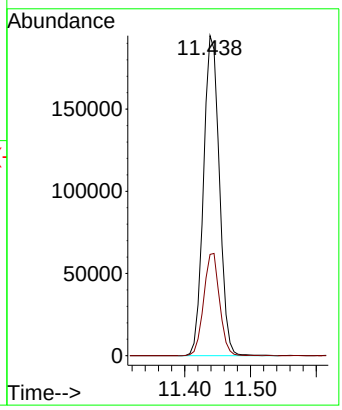


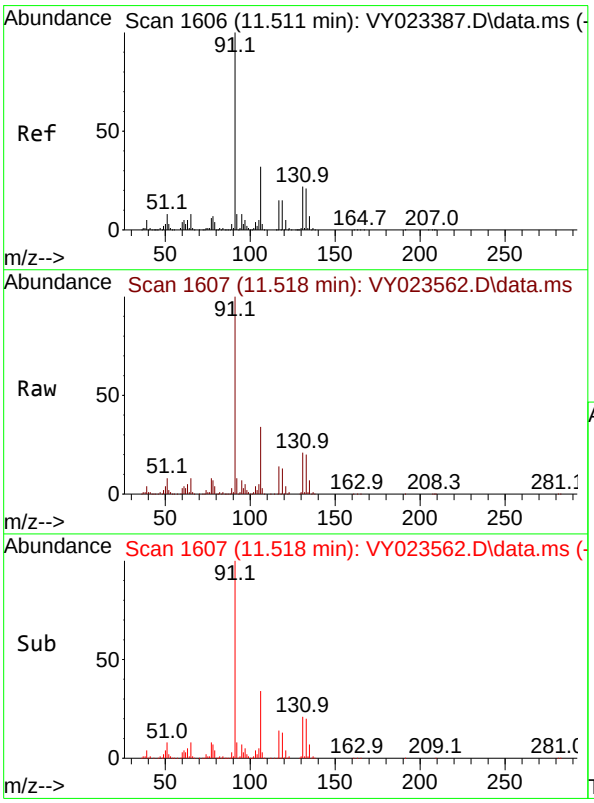
#65
Chlorobenzene
Concen: 21.874 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:112 Resp: 326646

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

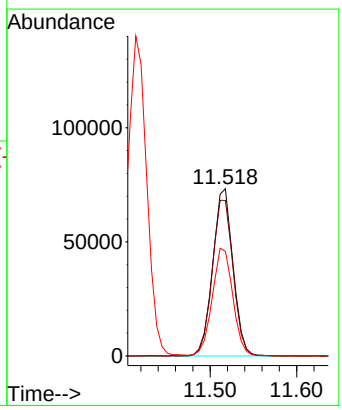


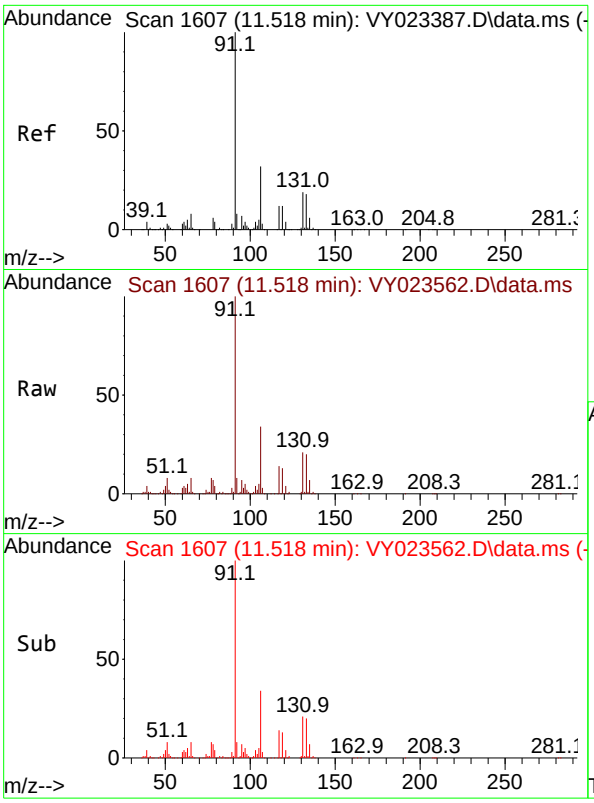


#66
1,1,1,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:131 Resp: 118969

Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.4	145.2
119	65.5	32.4	97.2



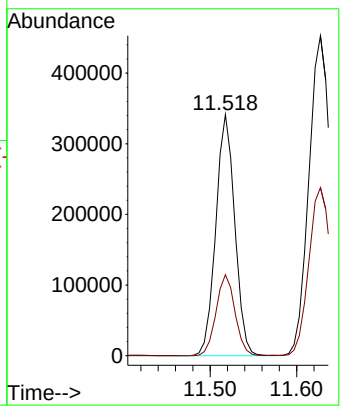


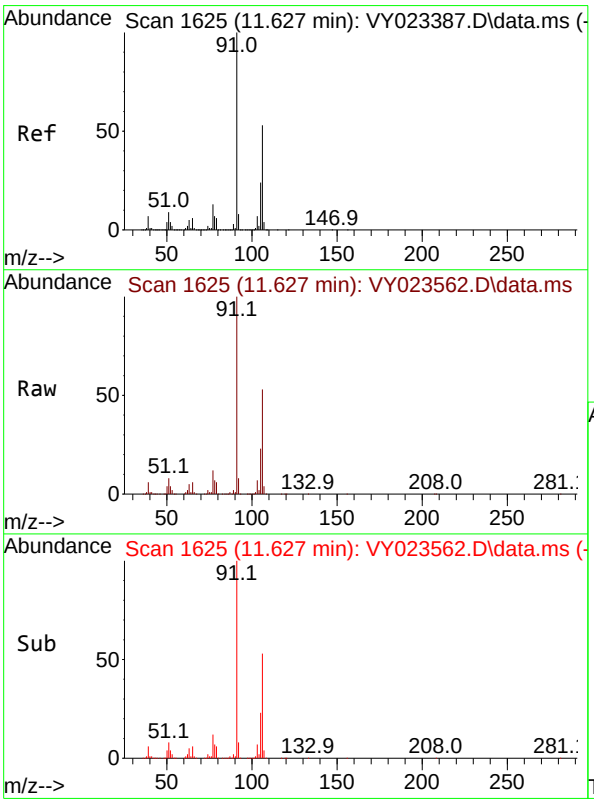
#67
Ethyl Benzene
Concen: 21.473 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 91 Resp: 519038

Ion	Ratio	Lower	Upper
91	100		
106	33.6	25.8	38.8

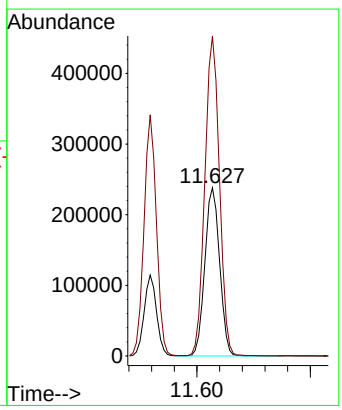


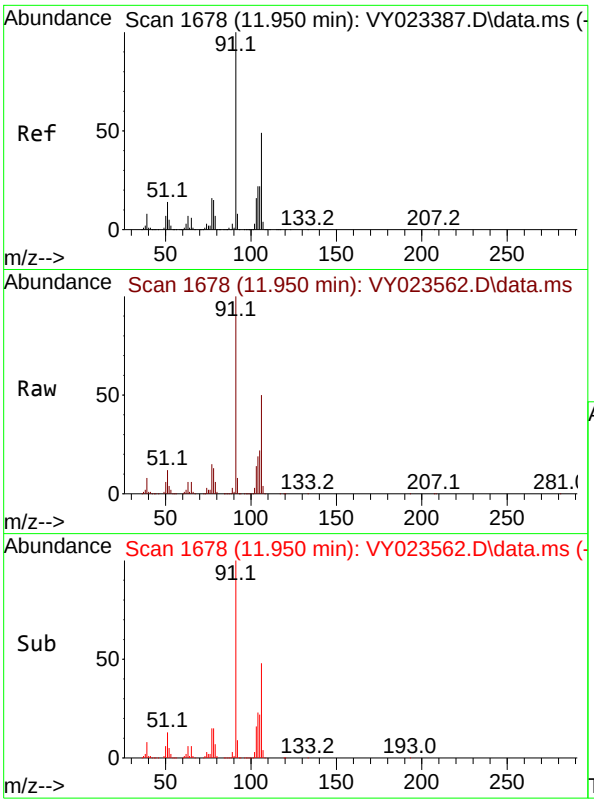


#68
m/p-Xylenes
Concen: 44.437 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:106 Resp: 430825

Ion	Ratio	Lower	Upper
106	100		
91	187.4	152.6	229.0



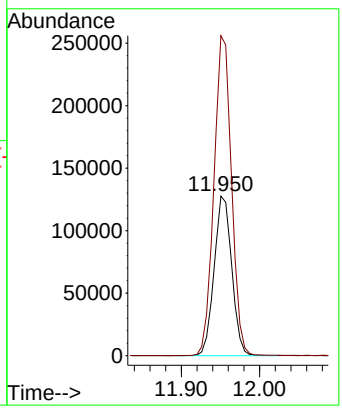


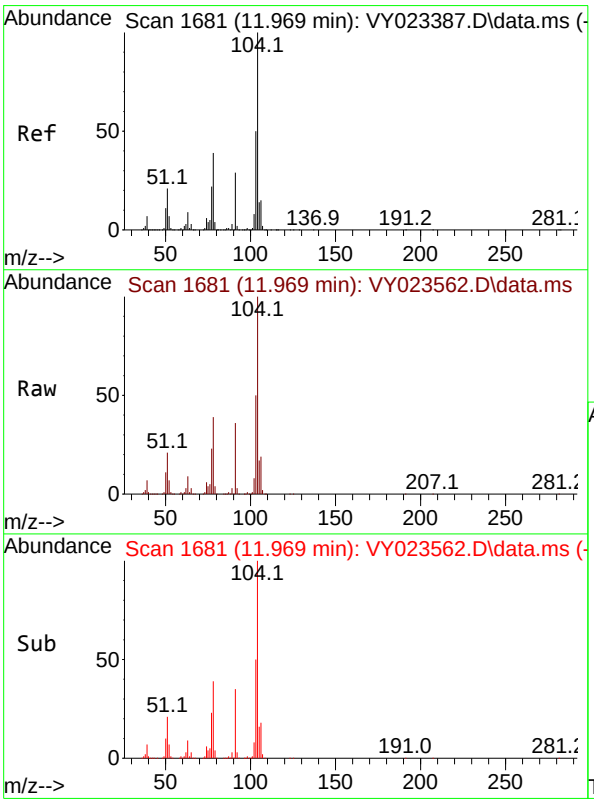
#69
o-Xylene
Concen: 21.978 ug/l
RT: 11.950 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:106 Resp: 199866

Ion	Ratio	Lower	Upper
106	100		
91	199.8	101.4	304.1

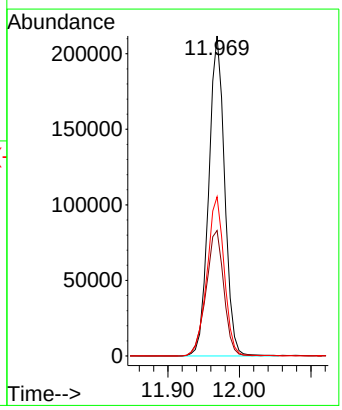


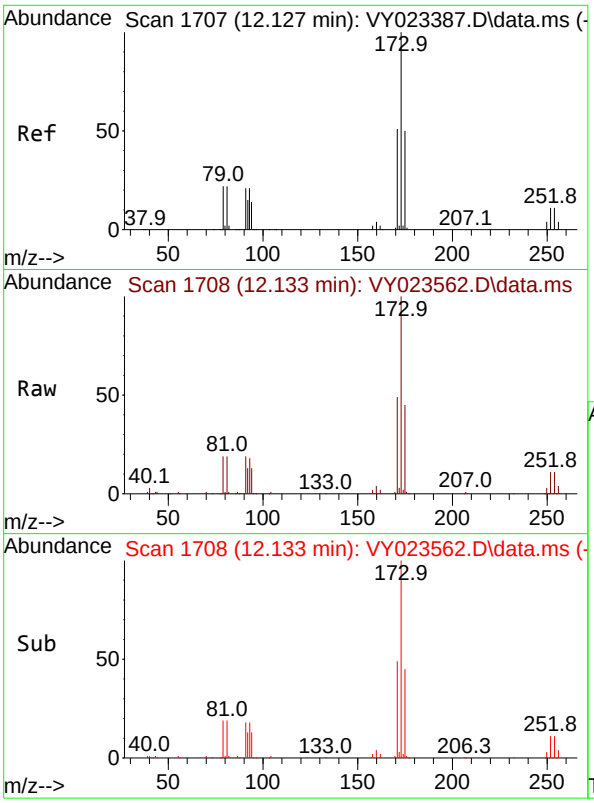


#70
Styrene
Concen: 21.872 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:104 Resp: 327085

Ion	Ratio	Lower	Upper
104	100		
78	43.8	36.1	54.1
103	53.8	43.2	64.8



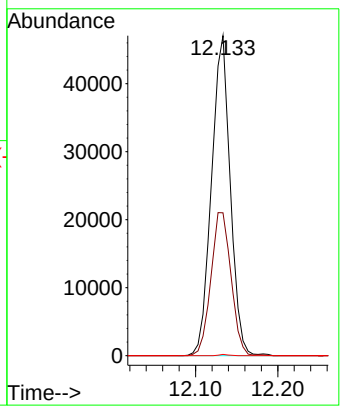


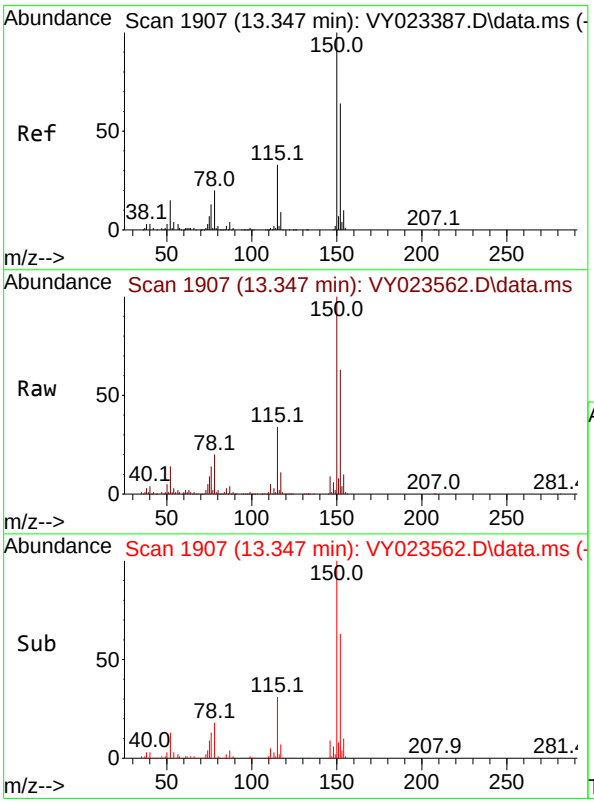
#71
Bromoform
Concen: 22.597 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:173 Resp: 74587

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.3
254	0.2	0.1	0.1#

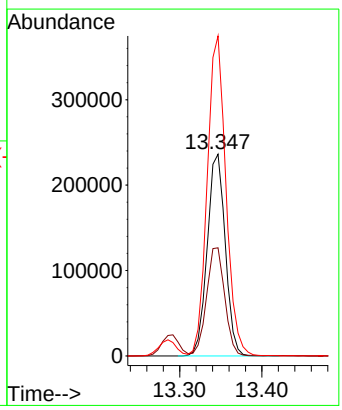


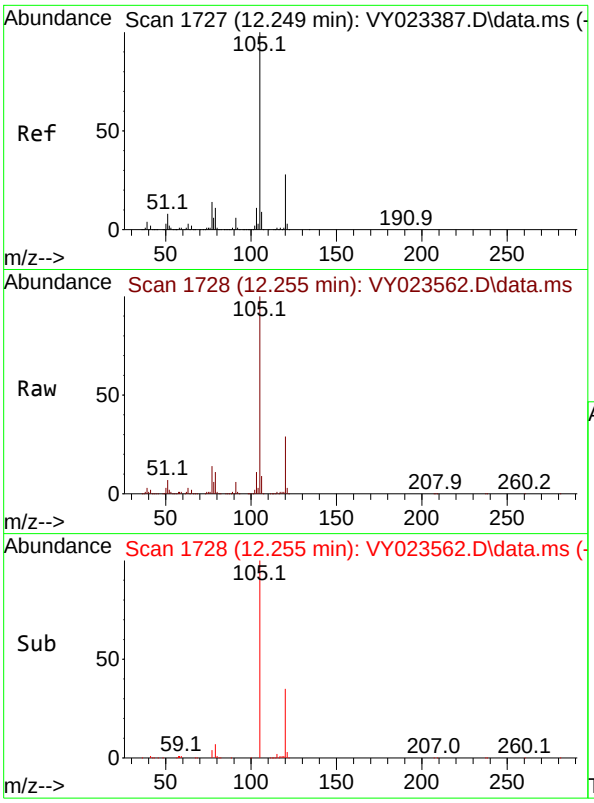


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:152 Resp: 360721

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.1	81.2
150	164.2	0.0	347.4



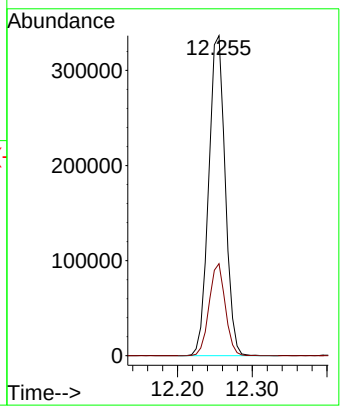


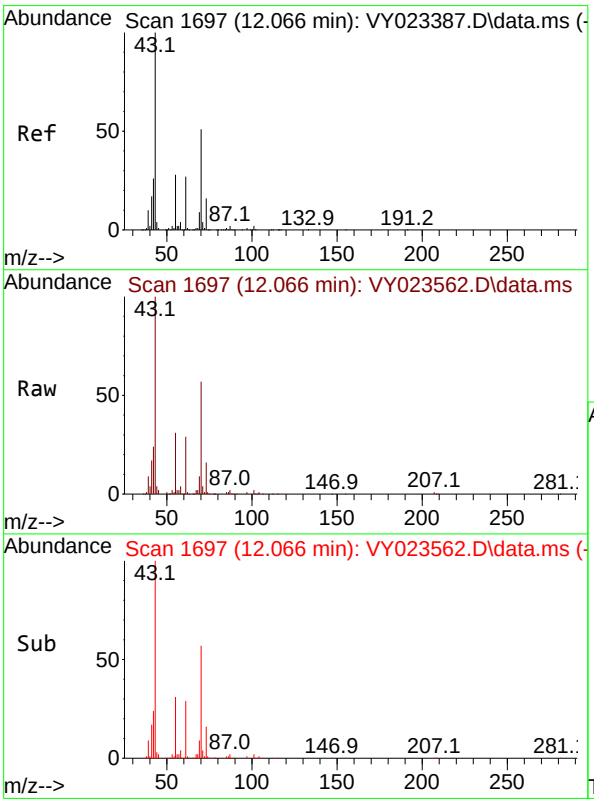
#73
Isopropylbenzene
Concen: 21.751 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:105 Resp: 517060

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.9	41.7

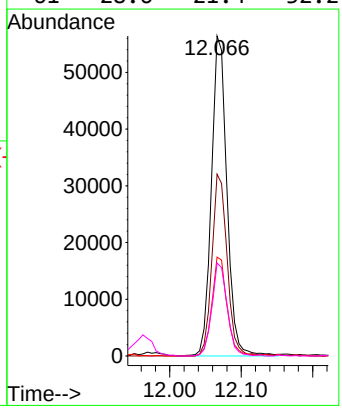


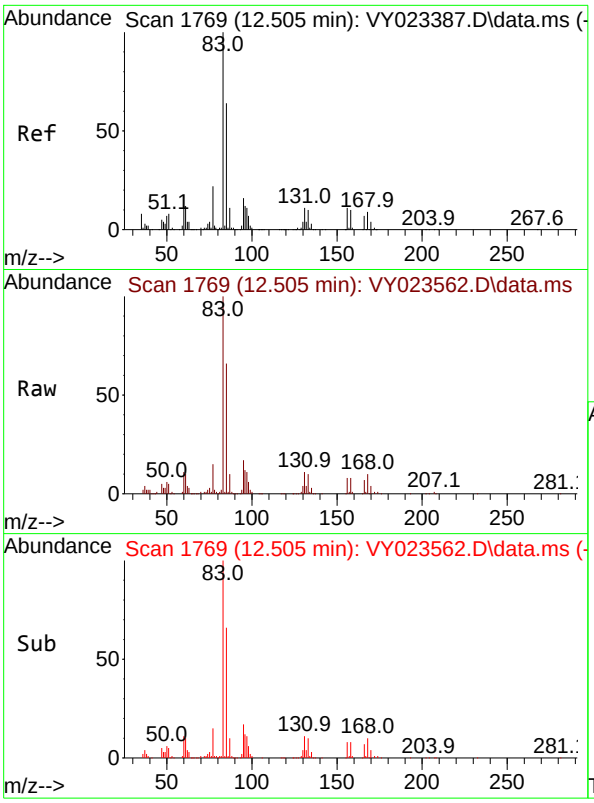


#74
N-amyl acetate
Concen: 19.917 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 85040

Ion	Ratio	Lower	Upper
43	100		
70	56.0	41.1	61.7
55	30.2	23.0	34.6
61	28.6	21.4	32.2



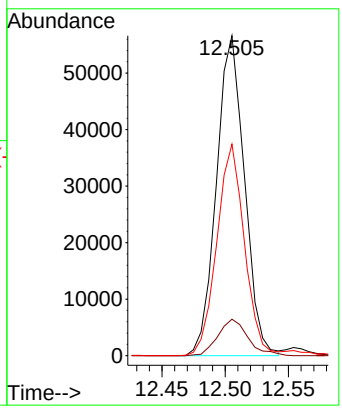


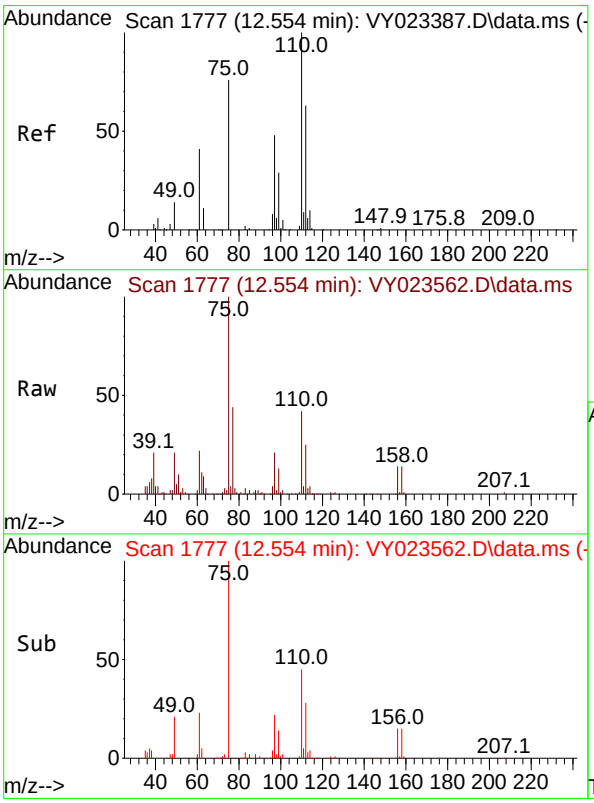
#75
1,1,2,2-Tetrachloroethane
Concen: 22.446 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 83 Resp: 87273

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.9	17.6
85	66.5	31.8	95.3

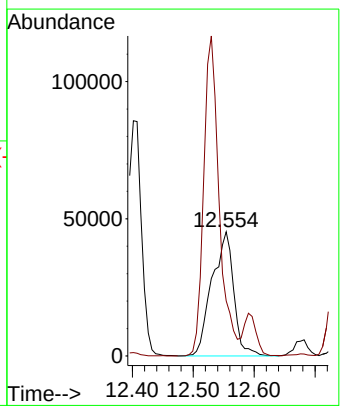


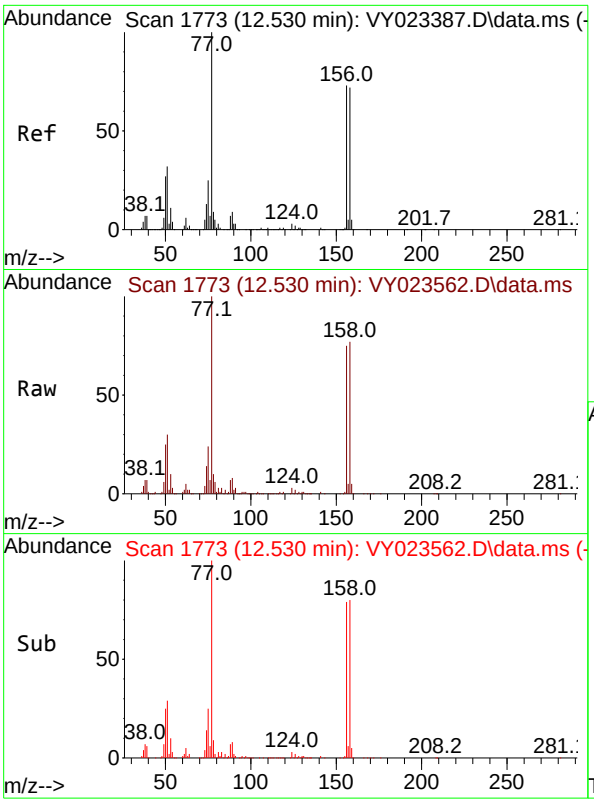


#76
1,2,3-Trichloropropane
Concen: 35.444 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 112801

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



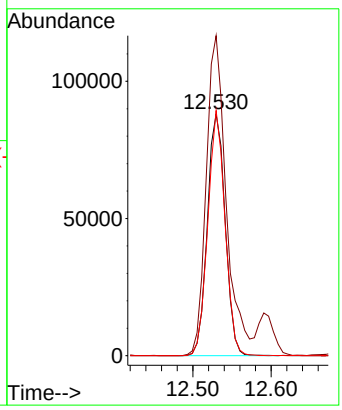


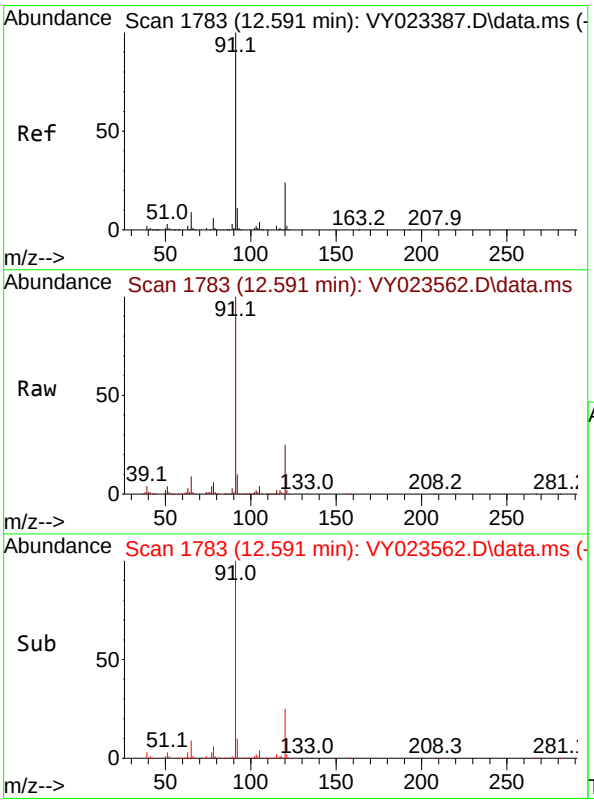
#77
Bromobenzene
Concen: 22.023 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:156 Resp: 139180

Ion	Ratio	Lower	Upper
156	100		
77	148.1	76.8	230.5
158	97.6	49.0	147.2

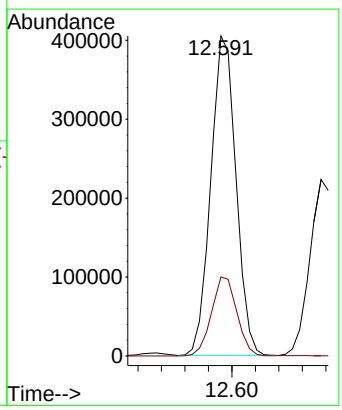


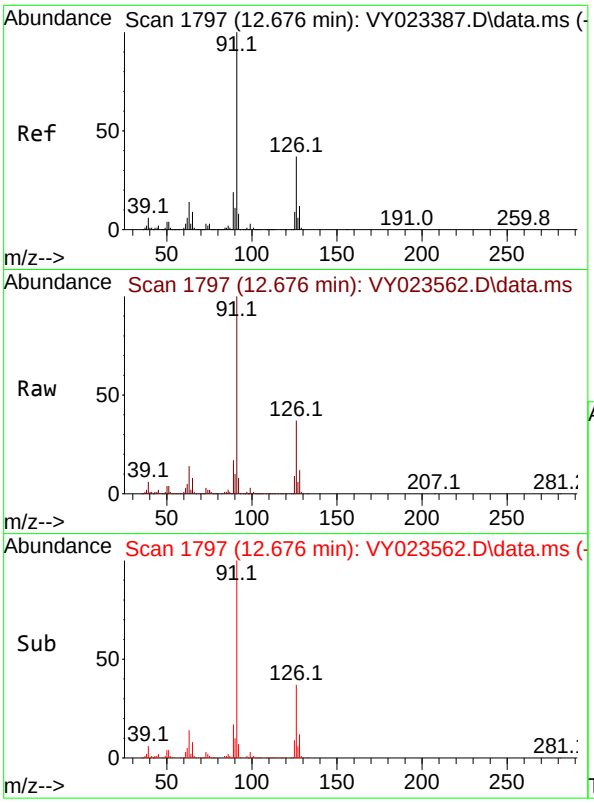


#78
n-propylbenzene
Concen: 21.905 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 602594

Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.3	36.8



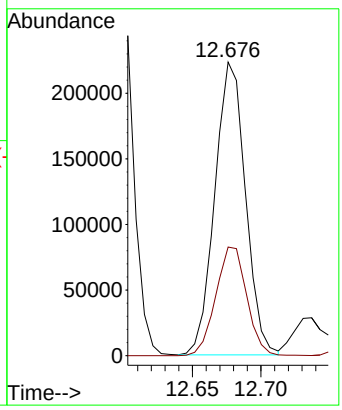


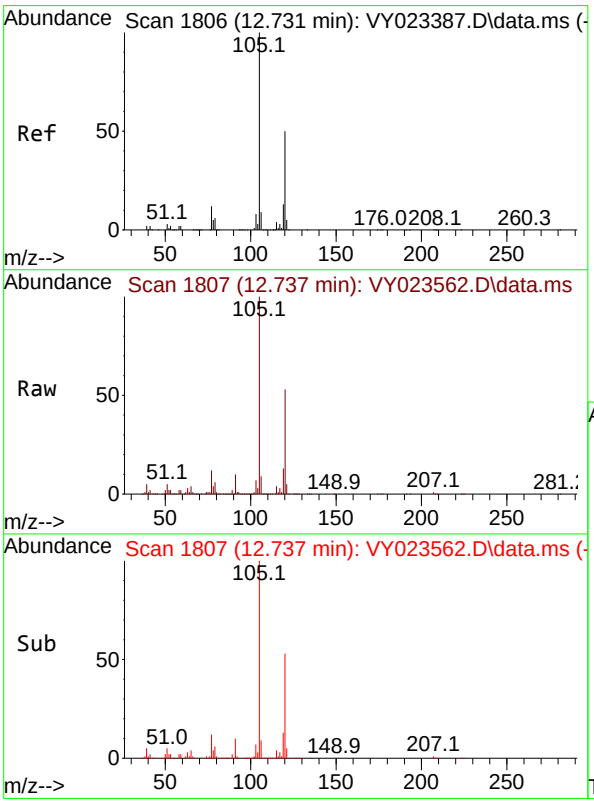
#79
2-Chlorotoluene
Concen: 21.582 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 91 Resp: 347665

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.5	55.5

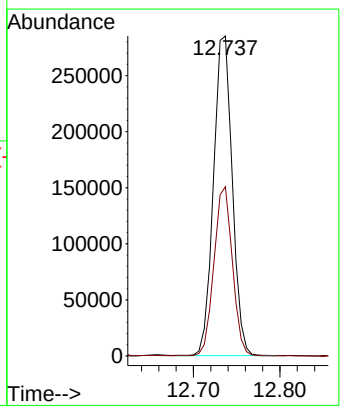


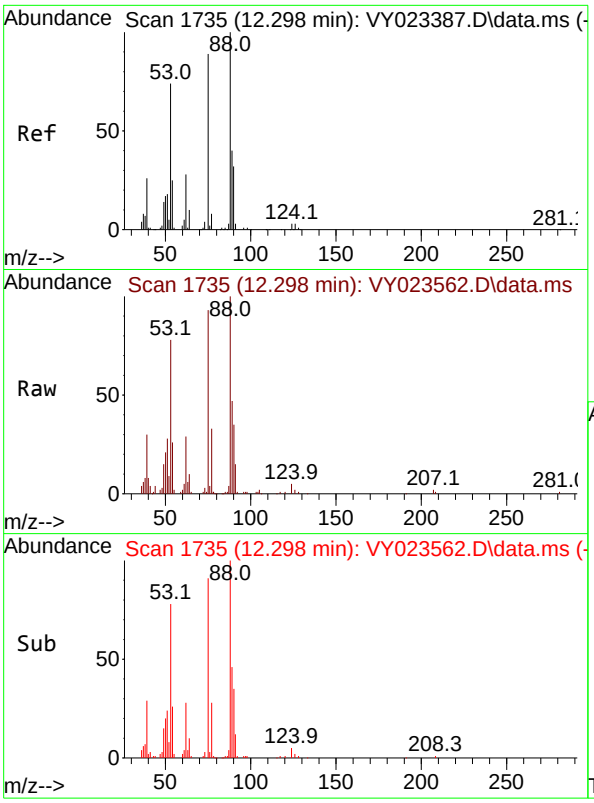


#80
1,3,5-Trimethylbenzene
Concen: 22.344 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 429209

Ion	Ratio	Lower	Upper
105	100		
120	51.9	25.4	76.4



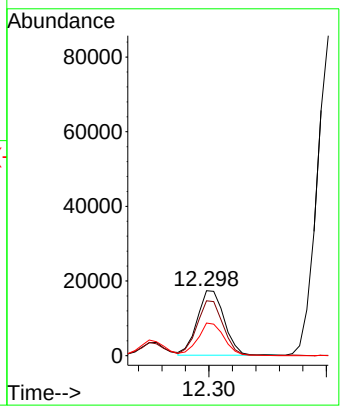


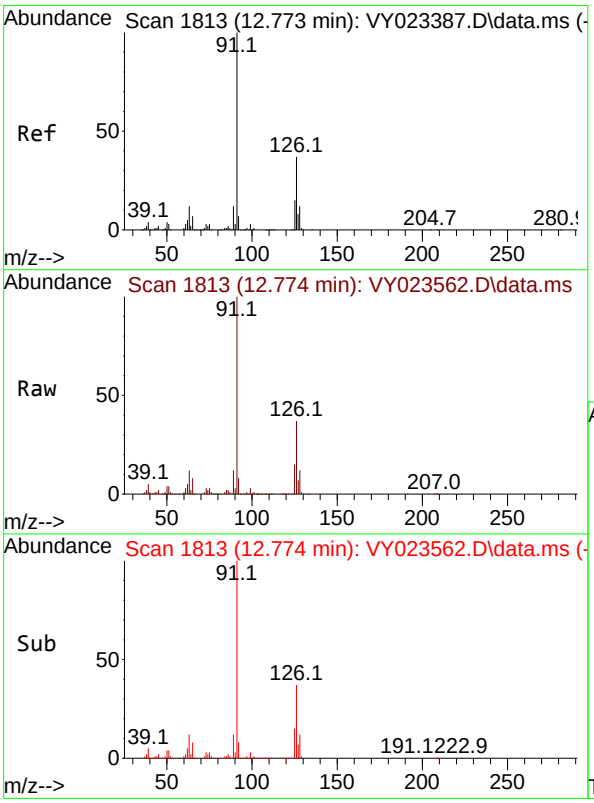
#81
trans-1,4-Dichloro-2-butene
Concen: 21.169 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 75 Resp: 27474

Ion	Ratio	Lower	Upper
75	100		
53	82.2	68.6	102.8
89	49.7	39.0	58.4

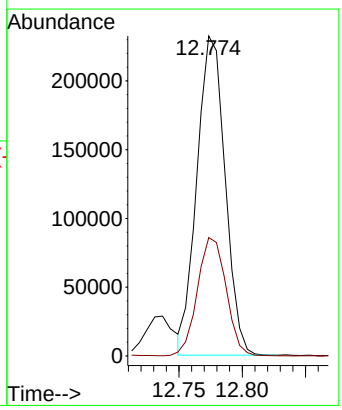


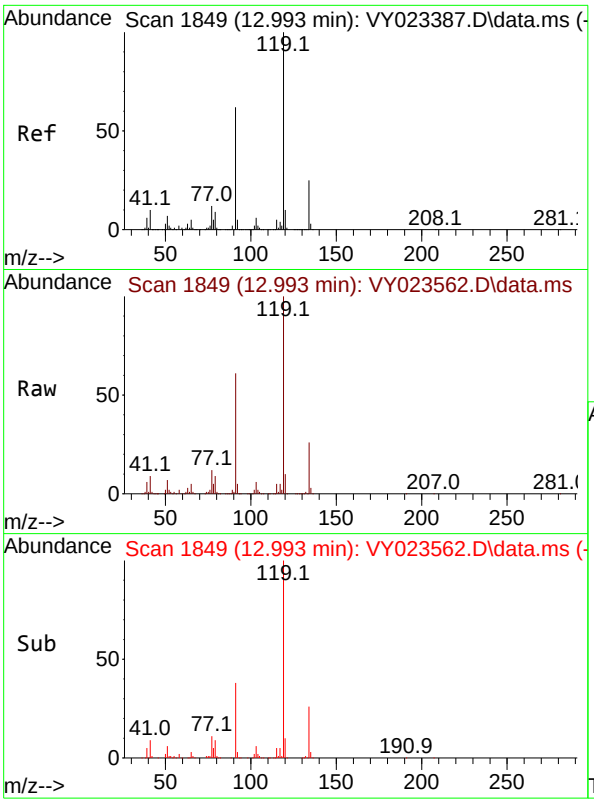


#82
4-Chlorotoluene
Concen: 21.703 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 360070

Ion	Ratio	Lower	Upper
91	100		
126	37.9	18.4	55.4



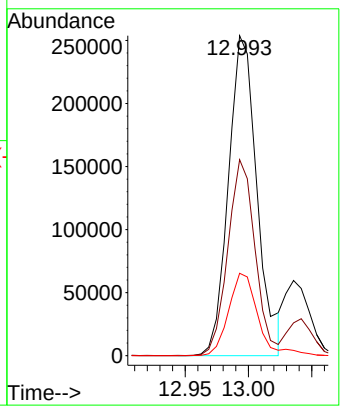


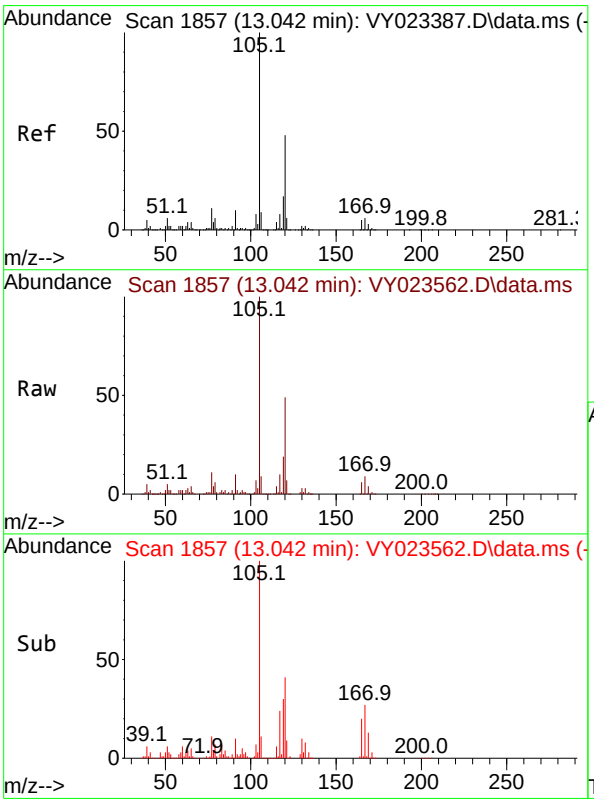
#83
tert-Butylbenzene
Concen: 22.492 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:119 Resp: 398925

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.9	89.8
134	26.5	12.9	38.7

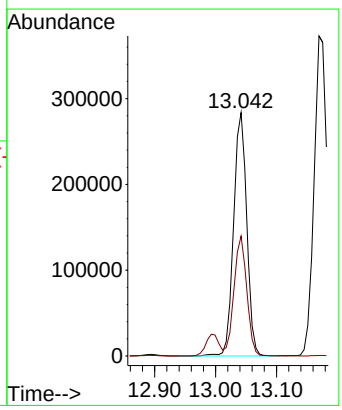


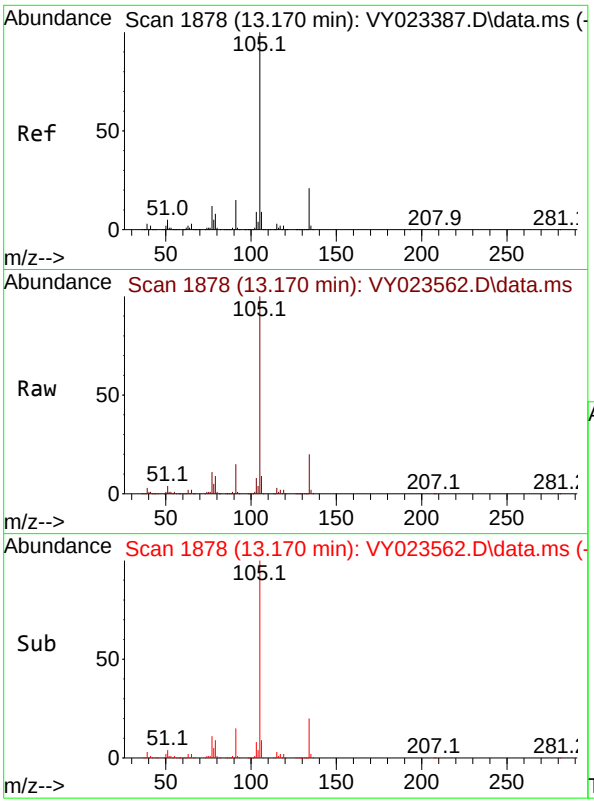


#84
1,2,4-Trimethylbenzene
Concen: 22.163 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 424880

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.2



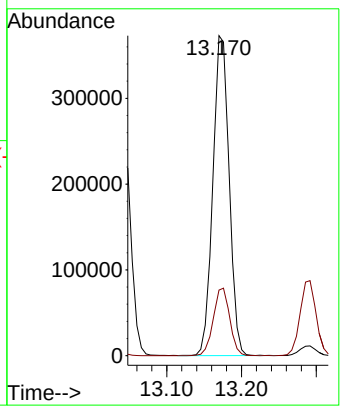


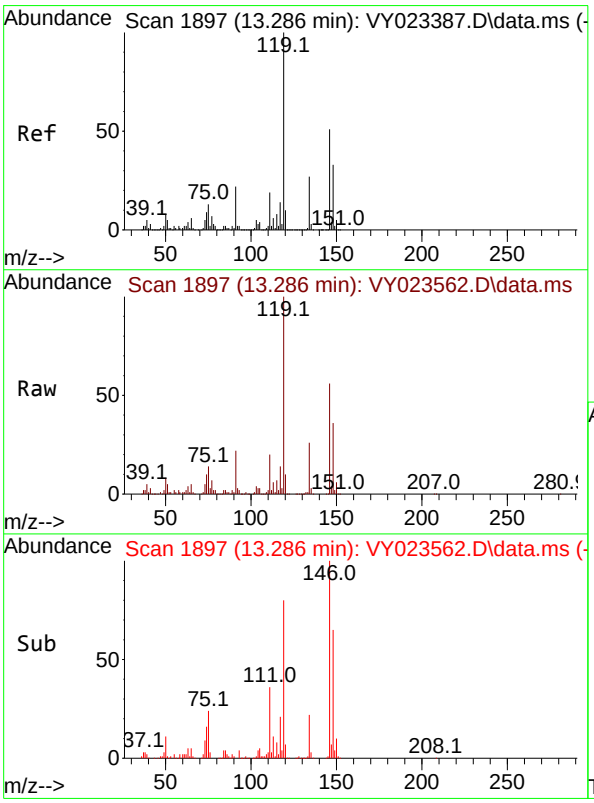
#85
sec-Butylbenzene
Concen: 22.184 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:105 Resp: 564414

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

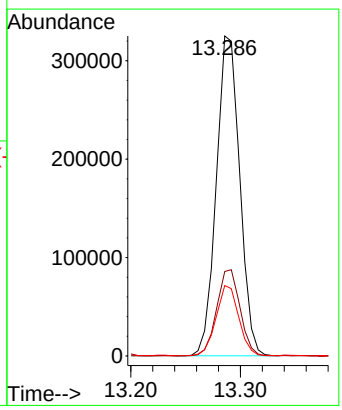


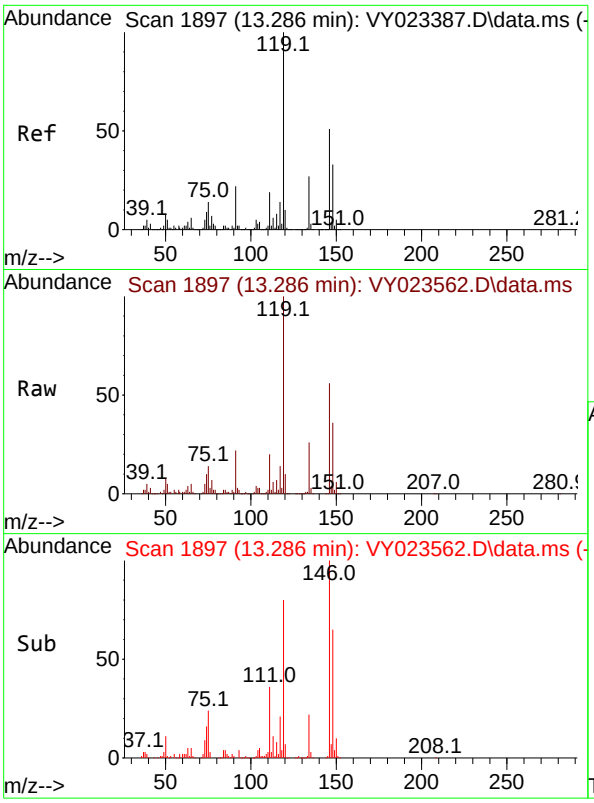


#86
p-Isopropyltoluene
Concen: 22.265 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:119 Resp: 482314

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	21.3	10.9	32.9



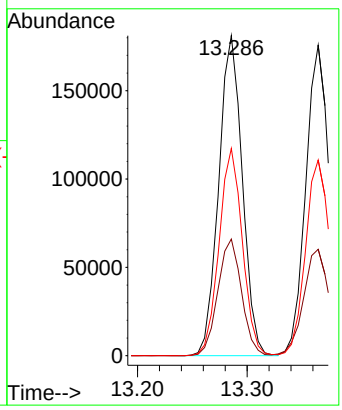


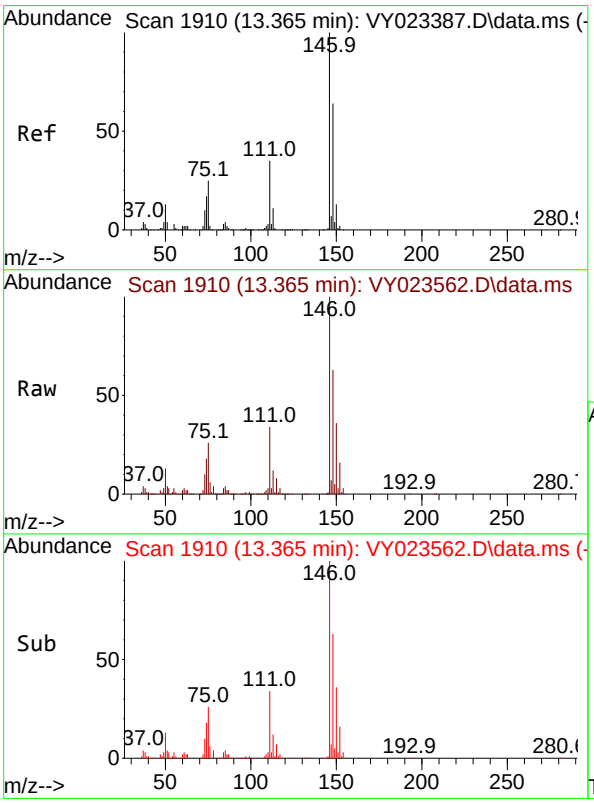
#87
1,3-Dichlorobenzene
Concen: 22.046 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:146 Resp: 271316

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.0	31.9	95.9

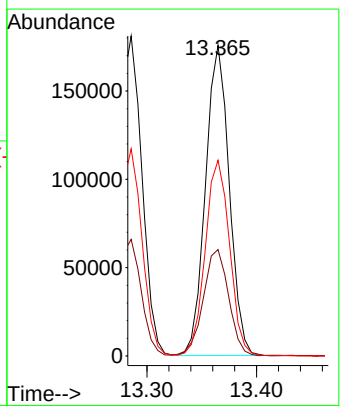


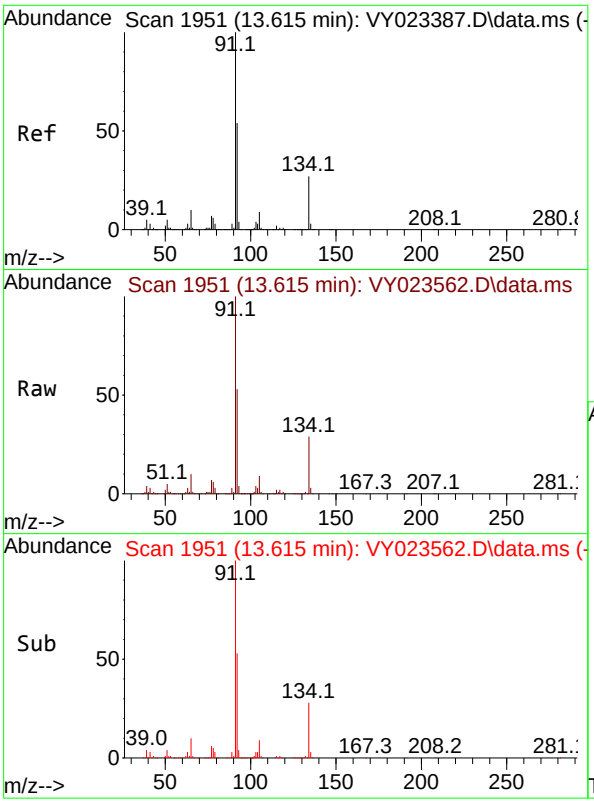


#88
1,4-Dichlorobenzene
Concen: 21.761 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:146 Resp: 264489

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.0	54.0
148	64.6	31.9	95.7



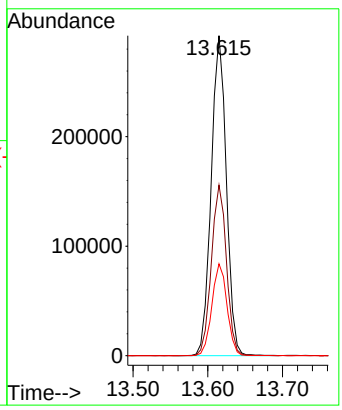


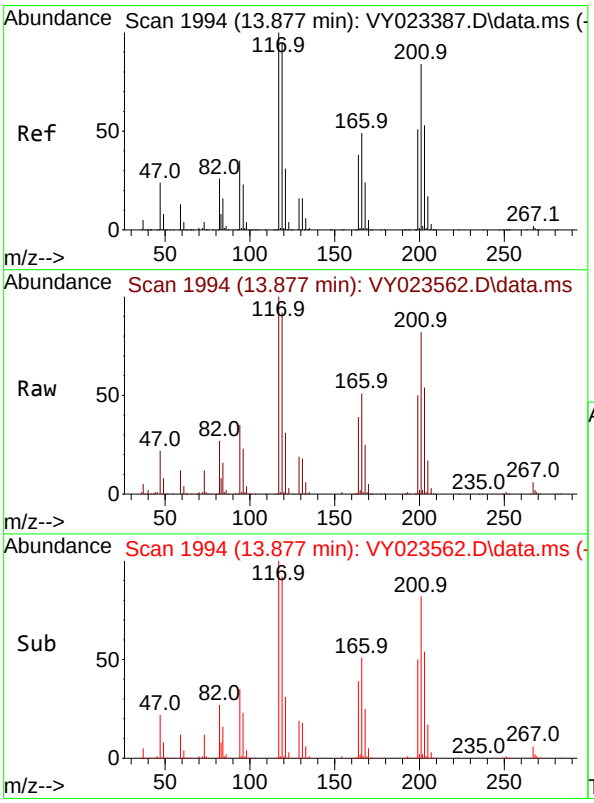
#89
n-Butylbenzene
Concen: 21.770 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 91 Resp: 410914

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	80.8
134	28.7	14.1	42.2

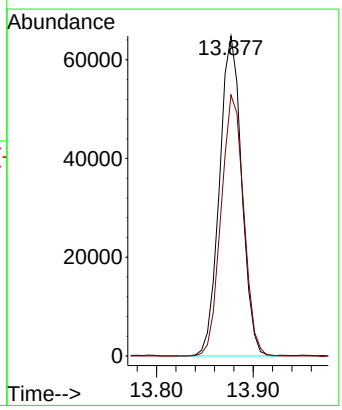


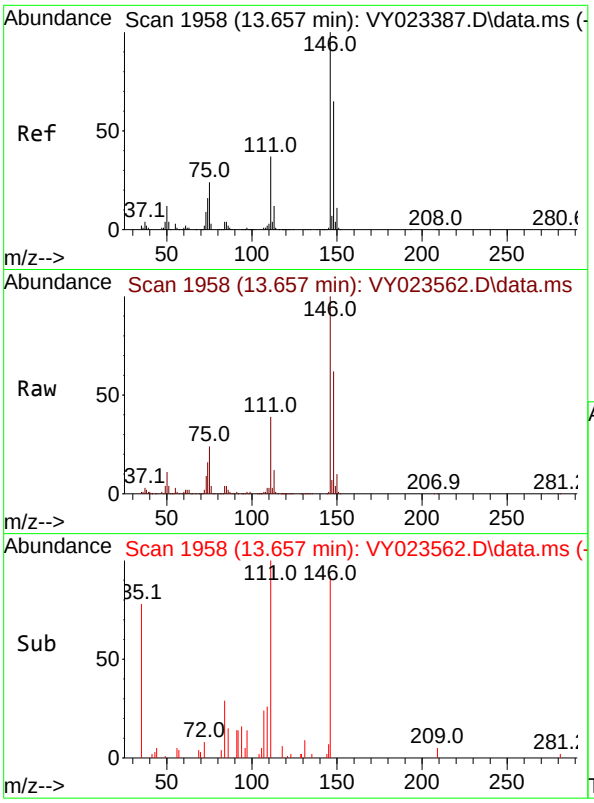


#90
Hexachloroethane
Concen: 22.140 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:117 Resp: 103152

Ion	Ratio	Lower	Upper
117	100		
201	82.6	43.8	131.4



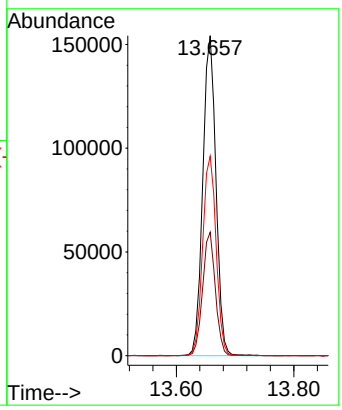


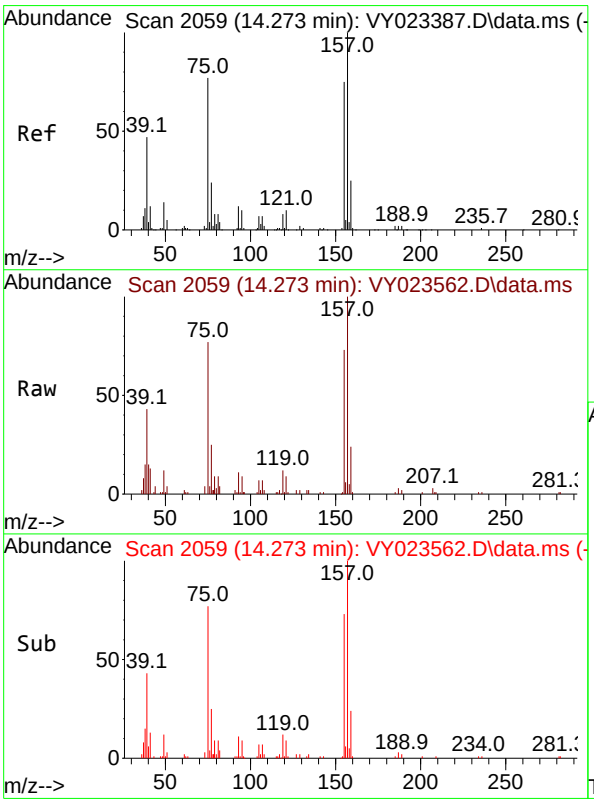
#91
1,2-Dichlorobenzene
Concen: 22.286 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:146 Resp: 240455

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.8	32.1	96.3

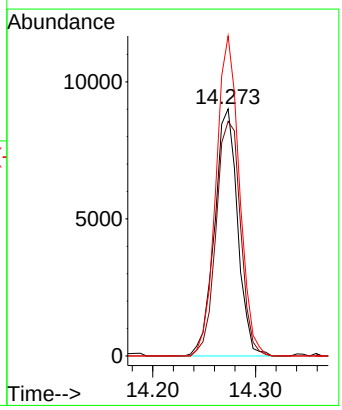


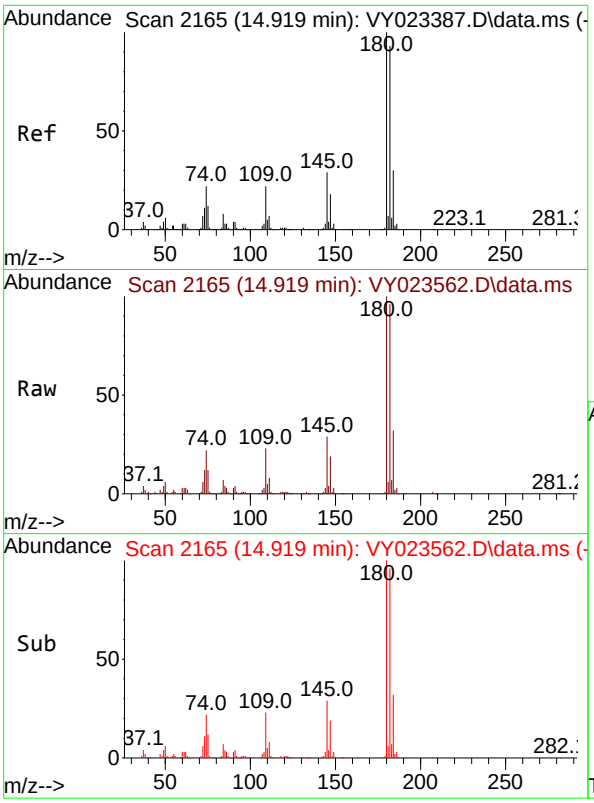


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.989 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 14028

Ion	Ratio	Lower	Upper
75	100		
155	100.3	50.0	150.0
157	130.8	63.8	191.5



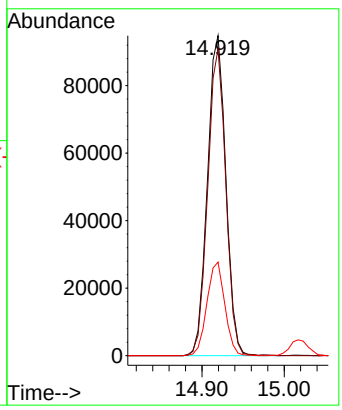


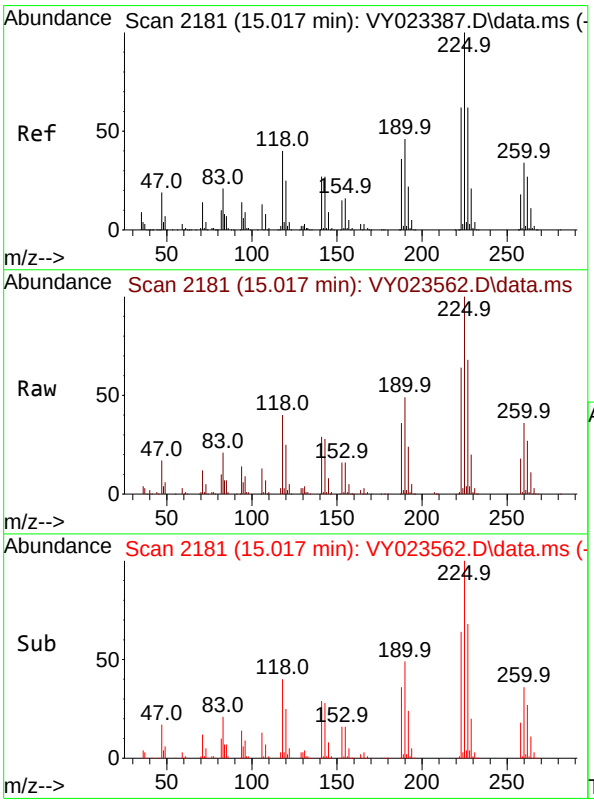
#93
1,2,4-Trichlorobenzene
Concen: 21.918 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:180 Resp: 147428

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	28.4	14.7	44.1

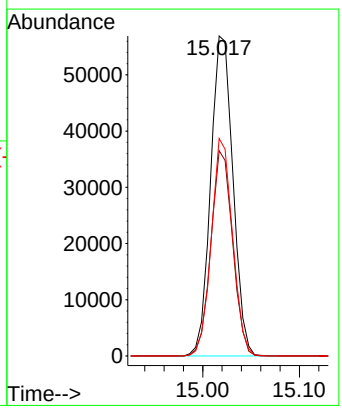


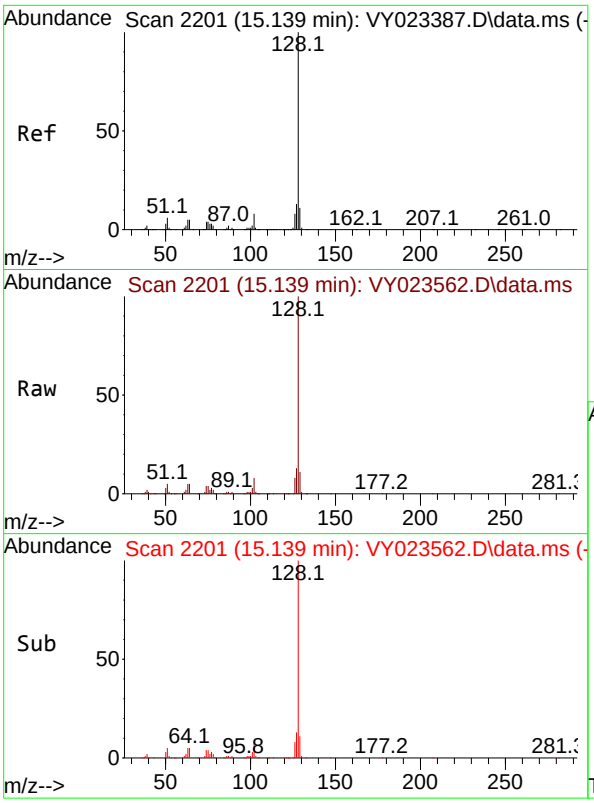


#94
Hexachlorobutadiene
Concen: 21.721 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:225 Resp: 91078

Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.3
227	64.8	31.9	95.7



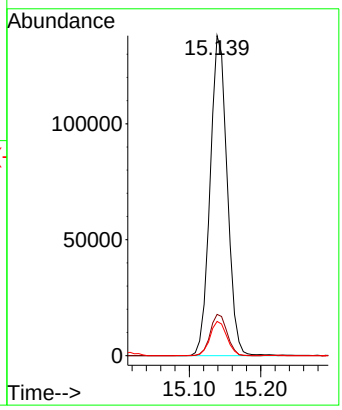


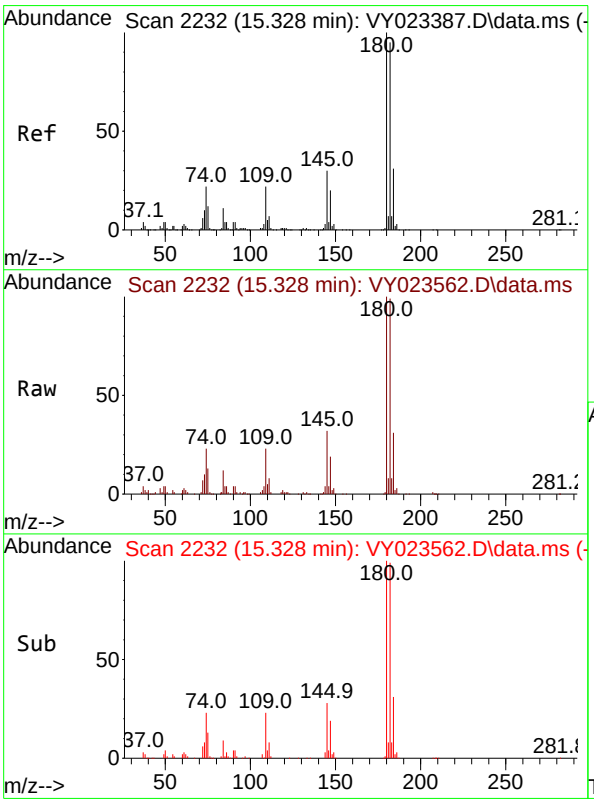
#95
Naphthalene
Concen: 21.355 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:128 Resp: 228739

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.9	13.3

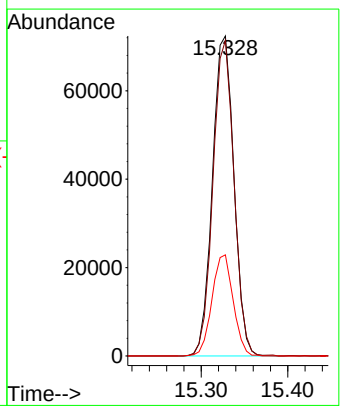




#96
1,2,3-Trichlorobenzene
Concen: 21.407 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:180 Resp: 124725

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.8
145	31.2	15.3	45.9



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	507234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	742233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	668743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	357296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	196658	46.364	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.720%			
35) Dibromofluoromethane	7.640	113	228285	50.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.120%			
50) Toluene-d8	10.109	98	836159	49.231	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	281968	50.285	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	144801	39.661	ug/l	100
3) Chloromethane	2.074	50	200024	40.217	ug/l	99
4) Vinyl Chloride	2.208	62	273481	42.216	ug/l	100
5) Bromomethane	2.599	94	234131	43.068	ug/l	98
6) Chloroethane	2.739	64	199836	45.255	ug/l	100
7) Trichlorofluoromethane	3.062	101	404235	44.941	ug/l	100
8) Diethyl Ether	3.458	74	116883	49.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	226786	48.588	ug/l	98
10) Methyl Iodide	4.013	142	290920	55.987	ug/l	99
11) Tert butyl alcohol	4.860	59	76964	243.906	ug/l	100
12) 1,1-Dichloroethene	3.793	96	218291	48.245	ug/l	96
13) Acrolein	3.653	56	27293	61.212	ug/l	96
14) Allyl chloride	4.391	41	253759	46.019	ug/l	97
15) Acrylonitrile	5.061	53	227067	252.444	ug/l	99
16) Acetone	3.873	43	186647	184.839	ug/l	94
17) Carbon Disulfide	4.110	76	564814	43.615	ug/l	100
18) Methyl Acetate	4.391	43	164880	62.245	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	565049	51.960	ug/l	94
20) Methylene Chloride	4.623	84	257954	47.242	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	253815	50.951	ug/l	96
22) Diisopropyl ether	6.025	45	610636	50.063	ug/l	98
23) Vinyl Acetate	5.964	43	1480410	224.231	ug/l	97
24) 1,1-Dichloroethane	5.921	63	402141	49.772	ug/l	99
25) 2-Butanone	6.897	43	268400	217.718	ug/l	97
26) 2,2-Dichloropropane	6.890	77	353098	47.627	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	307032	53.358	ug/l	94
28) Bromochloromethane	7.250	49	132517	43.934	ug/l	96
29) Tetrahydrofuran	7.262	42	168634	241.224	ug/l	94
30) Chloroform	7.427	83	464230	52.295	ug/l	100
31) Cyclohexane	7.707	56	308332	43.698	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	413313	51.234	ug/l	99
36) 1,1-Dichloropropene	7.841	75	302655	50.126	ug/l	99
37) Ethyl Acetate	6.988	43	112306	46.950	ug/l	97
38) Carbon Tetrachloride	7.823	117	374359	51.133	ug/l	100
39) Methylcyclohexane	9.110	83	386395	49.151	ug/l	99
40) Benzene	8.085	78	989530	51.750	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	63044	48.731	ug/l		93
42) 1,2-Dichloroethane	8.159	62	246319	49.949	ug/l		98
43) Isopropyl Acetate	8.201	43	230249	48.273	ug/l		99
44) Trichloroethene	8.866	130	293471	52.437	ug/l		100
45) 1,2-Dichloropropane	9.146	63	221418	52.426	ug/l		99
46) Dibromomethane	9.231	93	142853	53.491	ug/l		98
47) Bromodichloromethane	9.427	83	358037	53.231	ug/l		98
48) Methyl methacrylate	9.225	41	110497	49.312	ug/l		92
49) 1,4-Dioxane	9.231	88	31880	1029.589	ug/l		99
51) 4-Methyl-2-Pentanone	10.000	43	631539	256.268	ug/l		98
52) Toluene	10.170	92	665485	53.602	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	303725	51.933	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	360060	52.164	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	196300	54.660	ug/l		97
56) Ethyl methacrylate	10.439	69	229792	55.470	ug/l		95
57) 1,3-Dichloropropane	10.719	76	303529	53.336	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	524417	282.585	ug/l		98
59) 2-Hexanone	10.762	43	428030	243.040	ug/l		97
60) Dibromochloromethane	10.914	129	278085	55.230	ug/l		99
61) 1,2-Dibromoethane	11.018	107	186217	54.370	ug/l		100
64) Tetrachloroethene	10.646	164	378855	54.866	ug/l		99
65) Chlorobenzene	11.445	112	763325	52.481	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	274597	52.979	ug/l		98
67) Ethyl Benzene	11.518	91	1247469	52.985	ug/l		98
68) m/p-Xylenes	11.627	106	1007740	106.715	ug/l		100
69) o-Xylene	11.957	106	478468	54.018	ug/l		98
70) Styrene	11.969	104	799488	54.888	ug/l		99
71) Bromoform	12.133	173	171092	53.216	ug/l	#	100
73) Isopropylbenzene	12.255	105	1228980	52.194	ug/l		100
74) N-amyl acetate	12.072	43	191987	45.395	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	193427	50.226	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	256795	81.463	ug/l	#	100
77) Bromobenzene	12.530	156	321558	51.369	ug/l		99
78) n-propylbenzene	12.597	91	1429172	52.451	ug/l		100
79) 2-Chlorotoluene	12.676	91	824123	51.649	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	1008678	53.013	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	62762	48.823	ug/l		98
82) 4-Chlorotoluene	12.774	91	844797	51.408	ug/l		99
83) tert-Butylbenzene	12.993	119	932779	53.096	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1007932	53.080	ug/l		100
85) sec-Butylbenzene	13.176	105	1323261	52.508	ug/l		100
86) p-Isopropyltoluene	13.292	119	1130580	52.691	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	621919	51.020	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	604673	50.226	ug/l		100
89) n-Butylbenzene	13.615	91	958317	51.258	ug/l		100
90) Hexachloroethane	13.877	117	233027	50.494	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	548852	51.357	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29259	46.303	ug/l		92
93) 1,2,4-Trichlorobenzene	14.919	180	324466	48.700	ug/l		100
94) Hexachlorobutadiene	15.023	225	199621	48.065	ug/l		98
95) Naphthalene	15.145	128	517890	48.814	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	278723	48.298	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

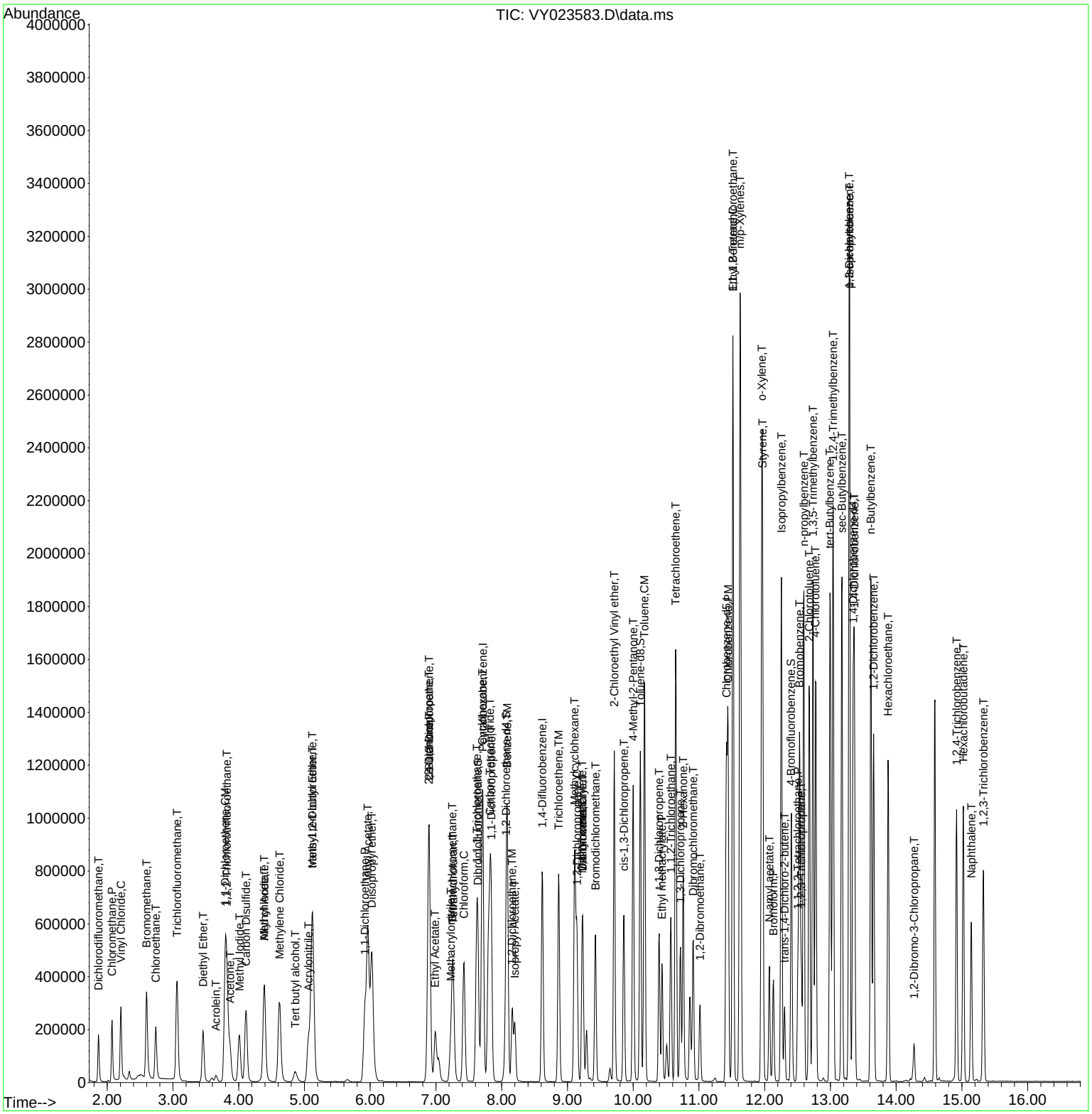
(#) = qualifier out of range (m) = manual integration (+) = signals summed

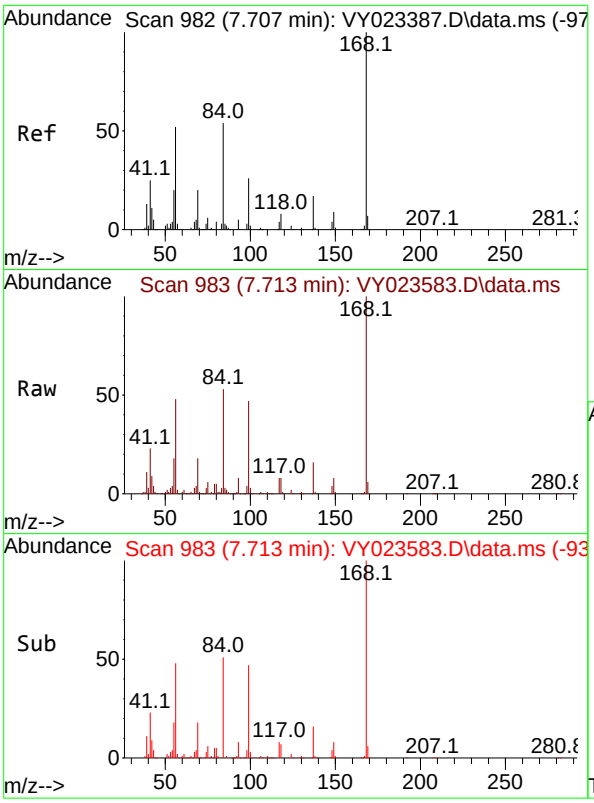
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023583.D
Acq On : 24 Oct 2025 19:06
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 24 23:59:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



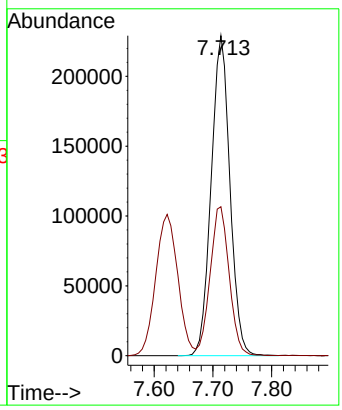


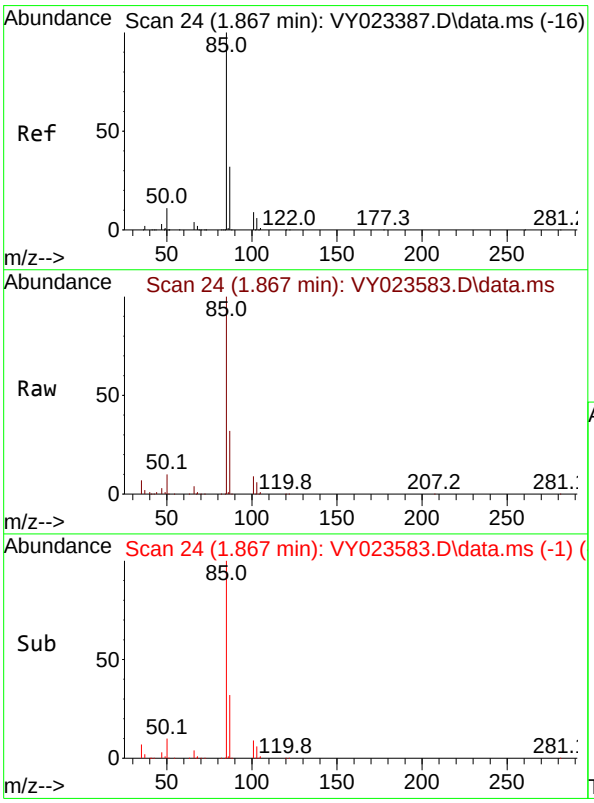
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 507234

Ion	Ratio	Lower	Upper
168	100		
99	46.5	39.7	59.5

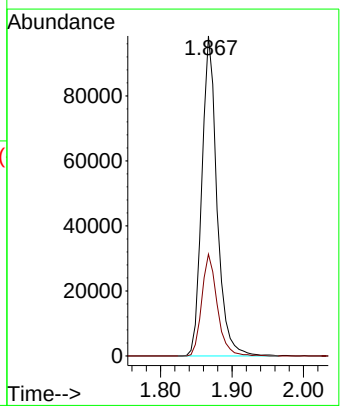


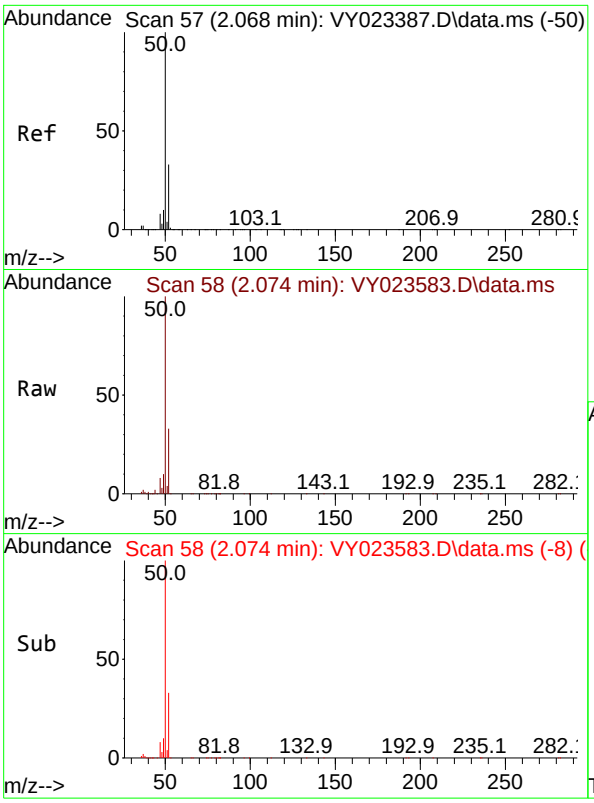


#2
Dichlorodifluoromethane
Concen: 39.661 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 85 Resp: 144801

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.0	47.9



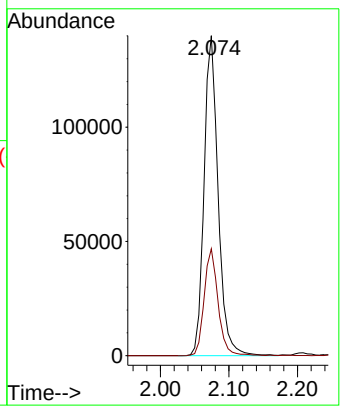


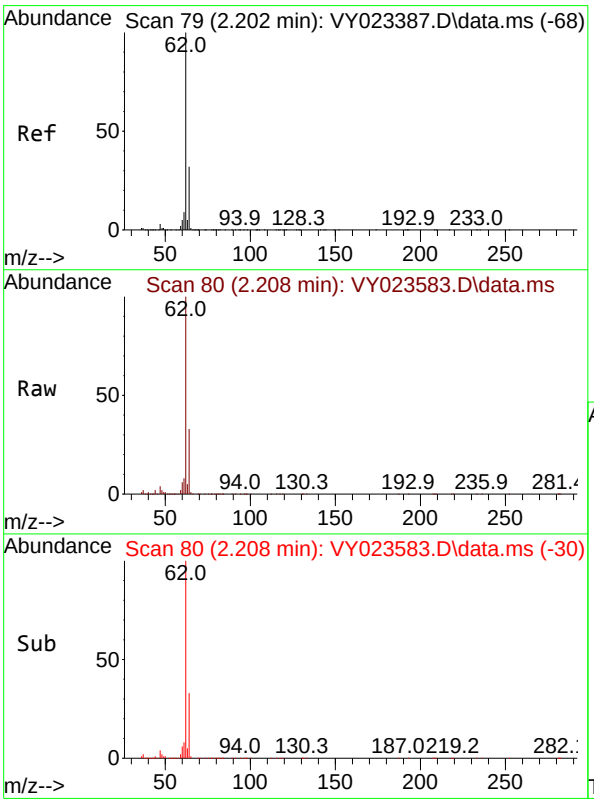
#3
Chloromethane
Concen: 40.217 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 200024

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.2	39.2

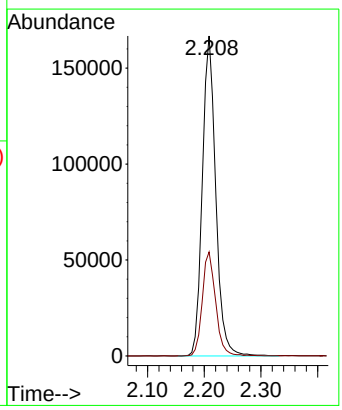


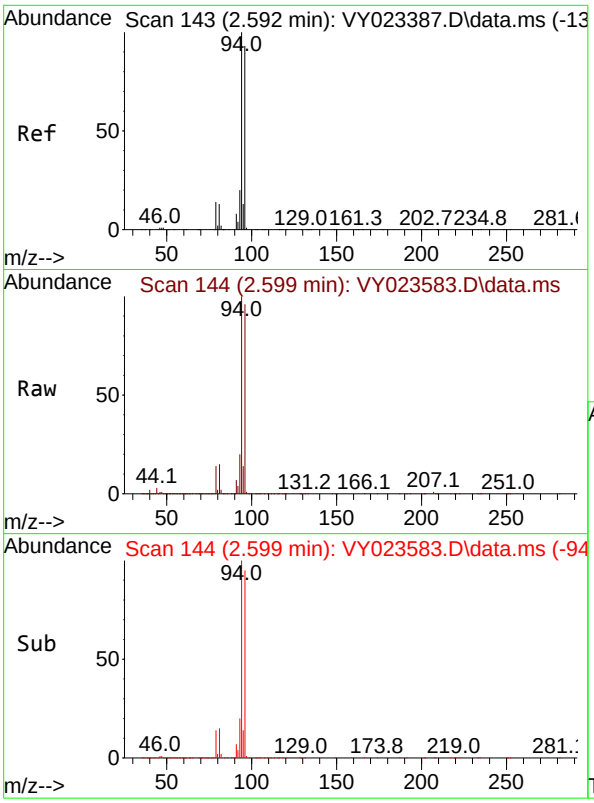


#4
Vinyl Chloride
Concen: 42.216 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 62 Resp: 273481

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8



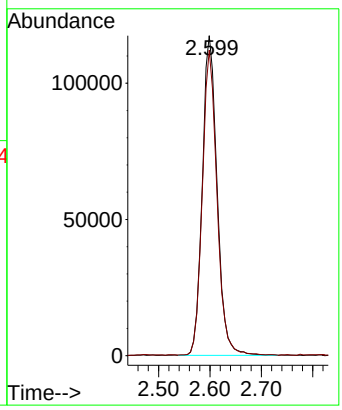


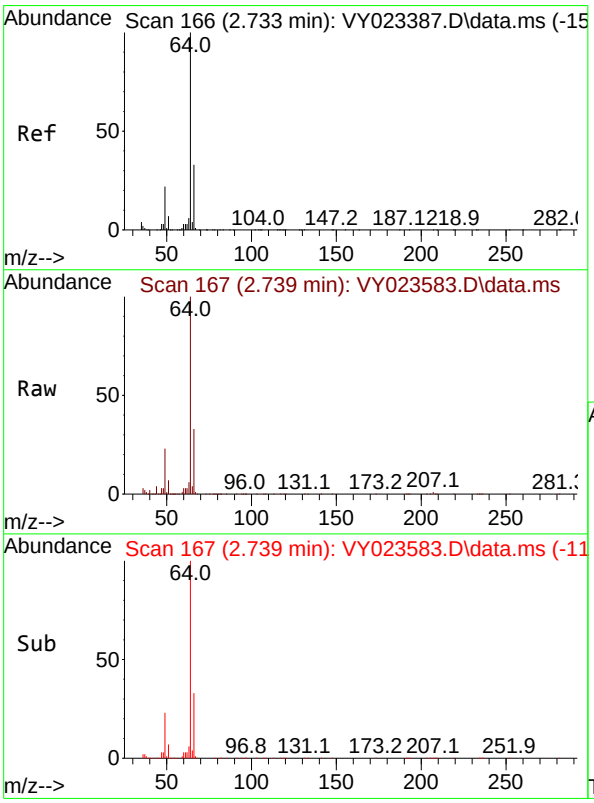
#5
Bromomethane
Concen: 43.068 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 234131

Ion	Ratio	Lower	Upper
94	100		
96	95.5	74.5	111.7

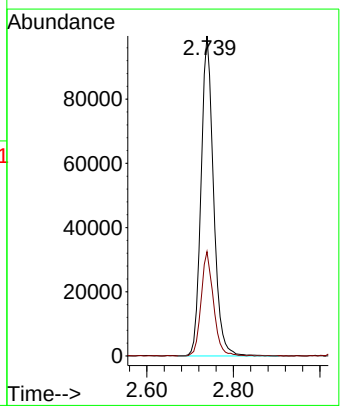


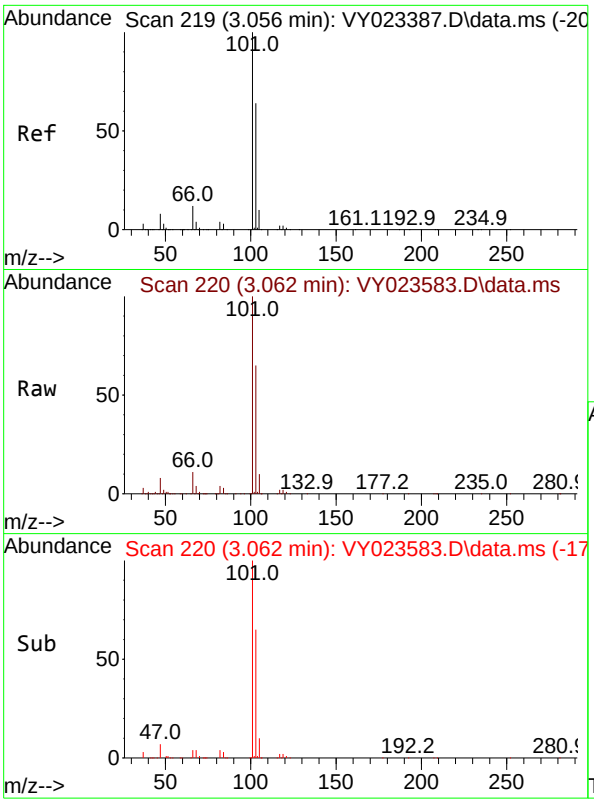


#6
Chloroethane
Concen: 45.255 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 64 Resp: 199836

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.2	39.4



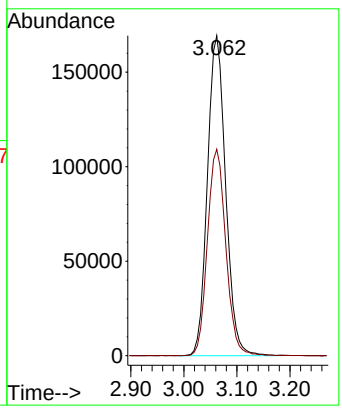


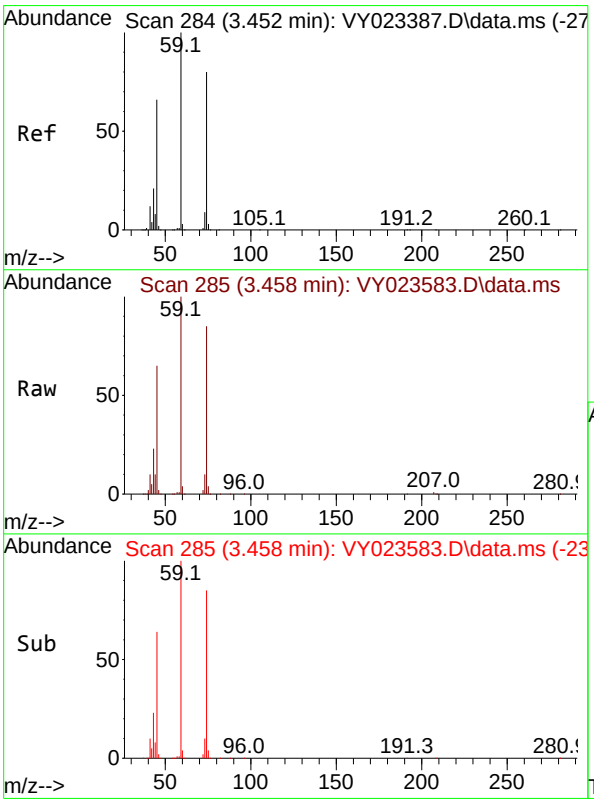
#7
Trichlorofluoromethane
Concen: 44.941 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 404235

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.3	76.9

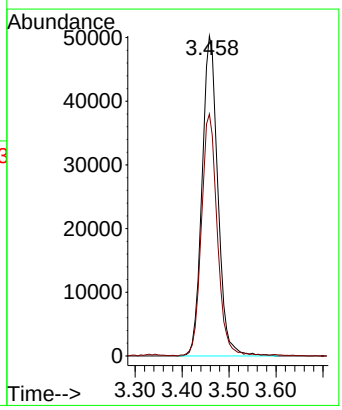


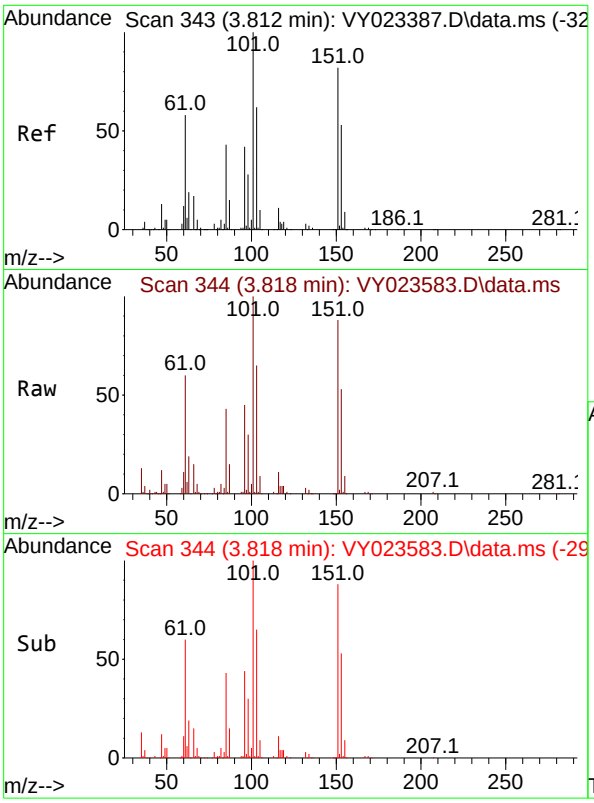


#8
Diethyl Ether
Concen: 49.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 74 Resp: 116883

Ion	Ratio	Lower	Upper
74	100		
45	76.2	39.9	119.7



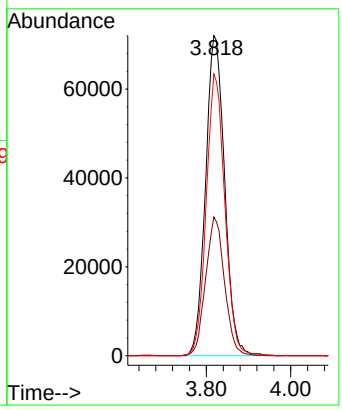


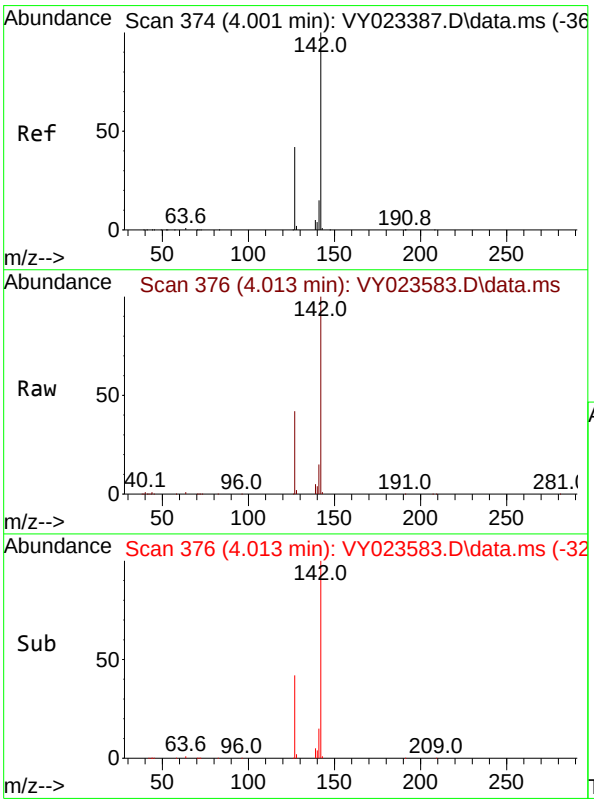
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.588 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 226786

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.6	51.8
151	85.7	67.0	100.6

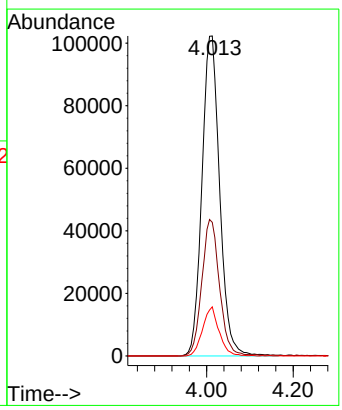


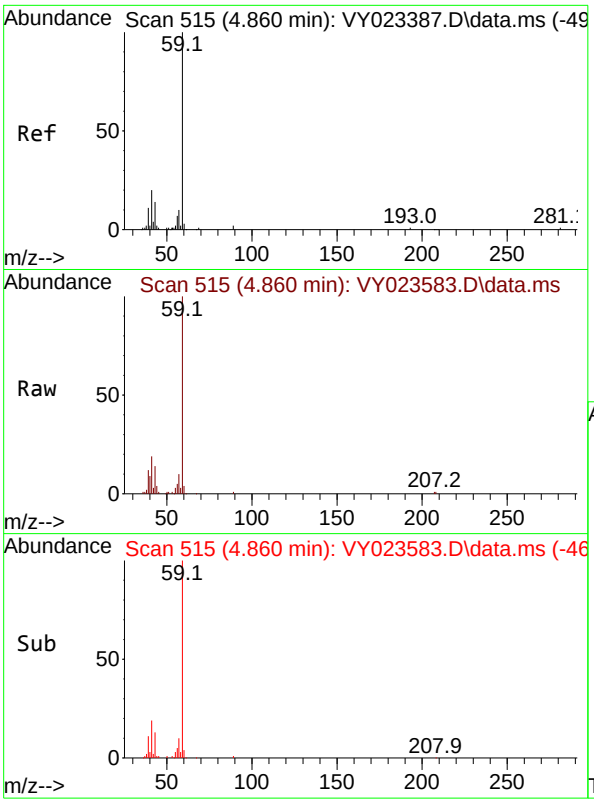


#10
Methyl Iodide
Concen: 55.987 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:142 Resp: 290920

Ion	Ratio	Lower	Upper
142	100		
127	42.6	34.8	52.2
141	14.3	11.6	17.4



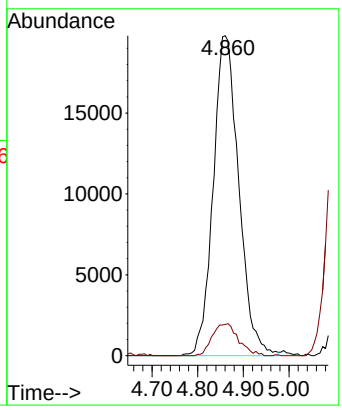


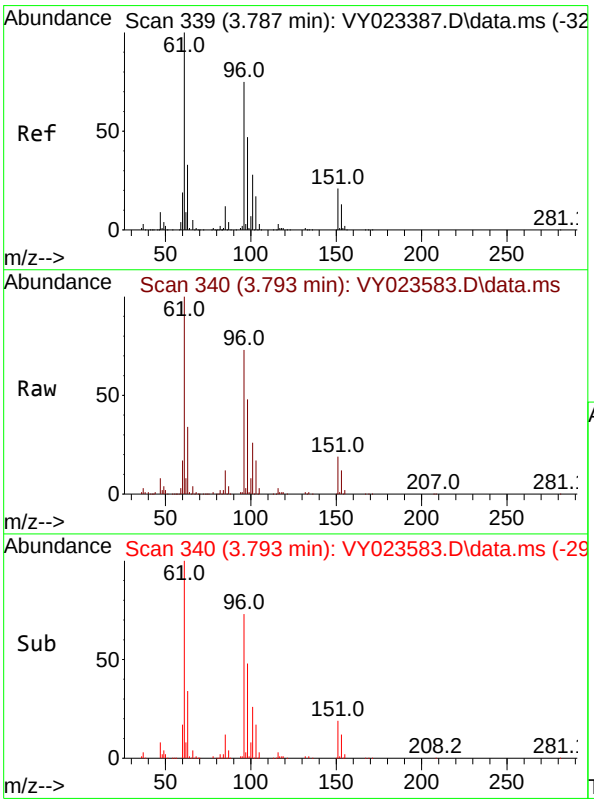
#11
Tert butyl alcohol
Concen: 243.906 ug/l
RT: 4.860 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 76964

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

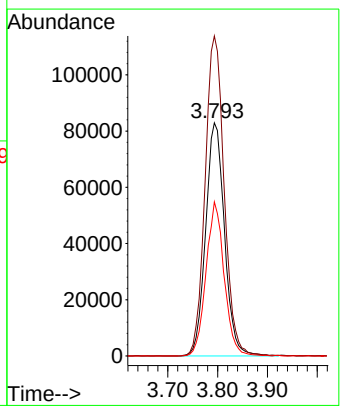


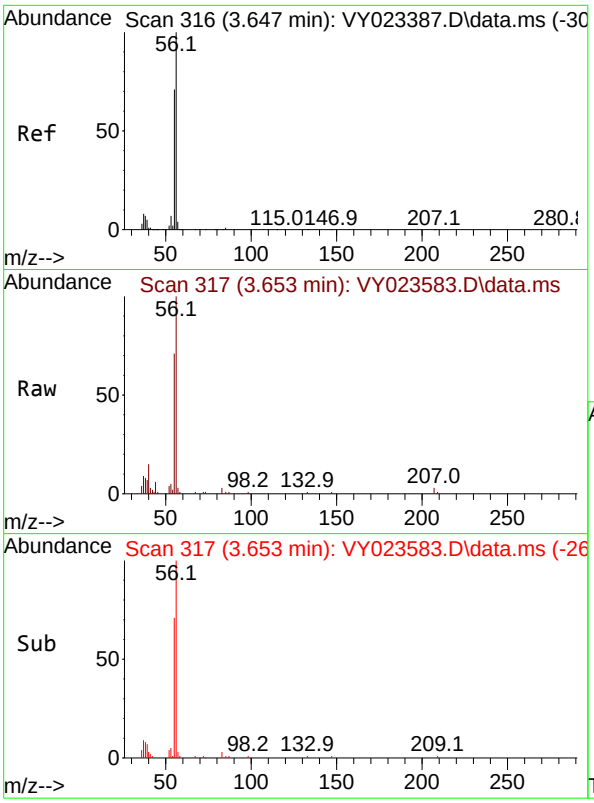


#12
1,1-Dichloroethene
Concen: 48.245 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 96 Resp: 218291

Ion	Ratio	Lower	Upper
96	100		
61	137.2	106.7	160.1
98	66.1	50.2	75.4



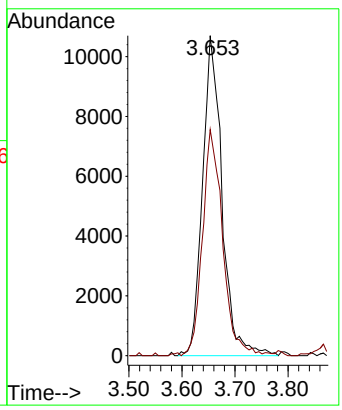


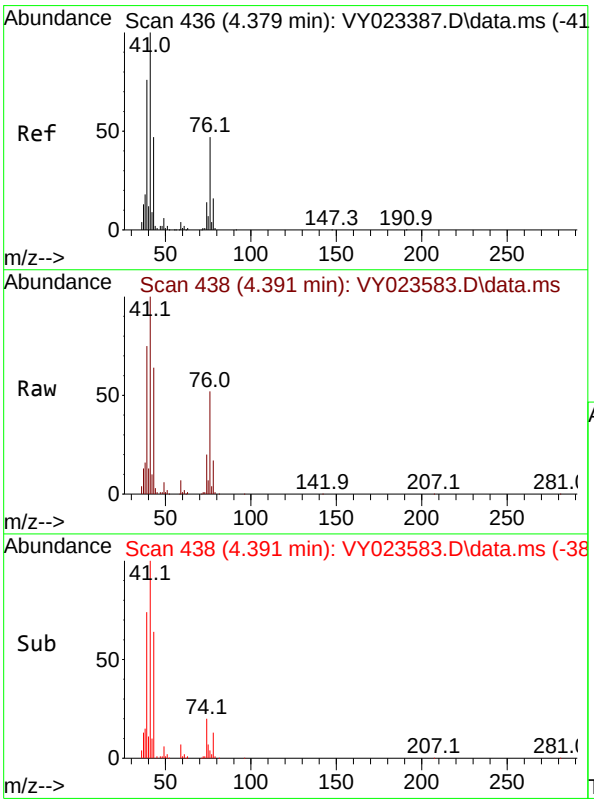
#13
Acrolein
Concen: 61.212 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 27293

Ion	Ratio	Lower	Upper
56	100		
55	73.1	56.1	84.1

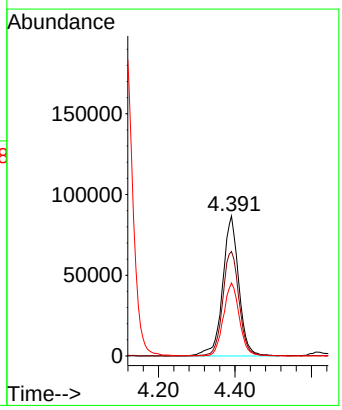


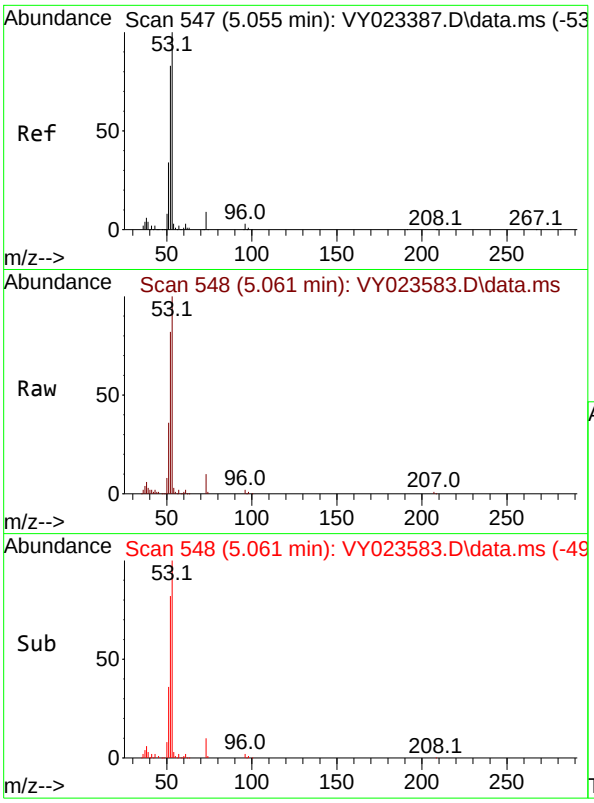


#14
Allyl chloride
Concen: 46.019 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 253759

Ion	Ratio	Lower	Upper
41	100		
39	76.1	59.9	89.9
76	51.3	38.0	57.0



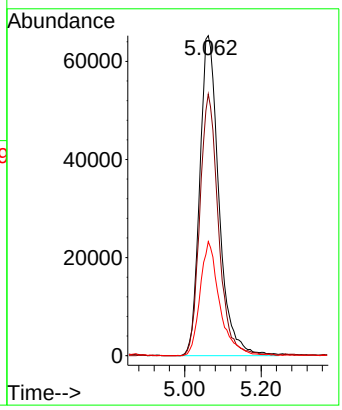


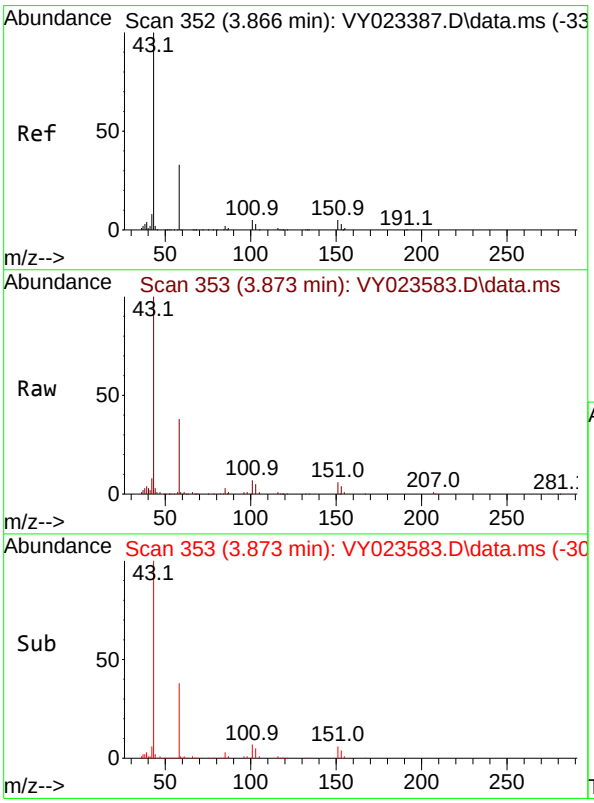
#15
Acrylonitrile
Concen: 252.444 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 227067

Ion	Ratio	Lower	Upper
53	100		
52	79.1	64.6	97.0
51	36.5	29.5	44.3

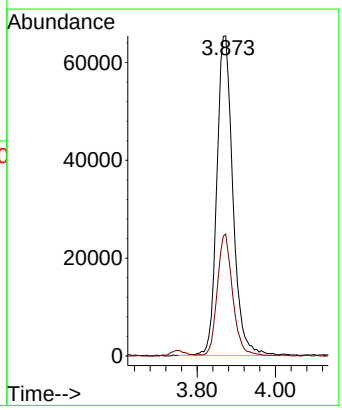


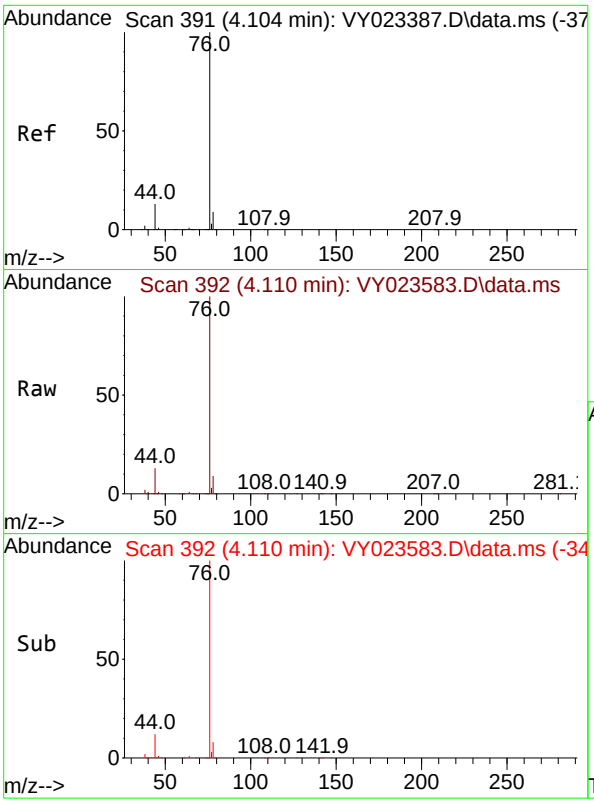


#16
Acetone
Concen: 184.839 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 186647

Ion	Ratio	Lower	Upper
43	100		
58	38.0	27.7	41.5



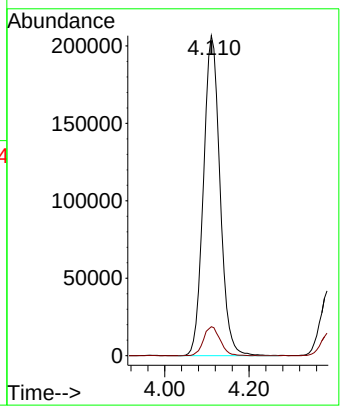


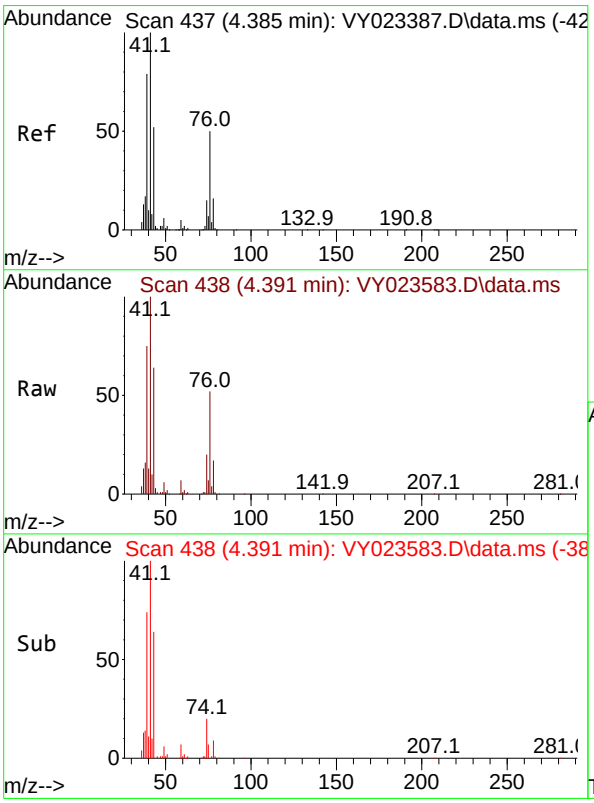
#17
Carbon Disulfide
Concen: 43.615 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 564814

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

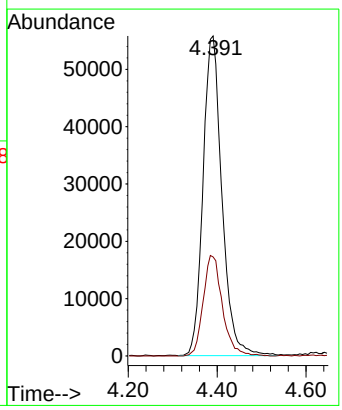


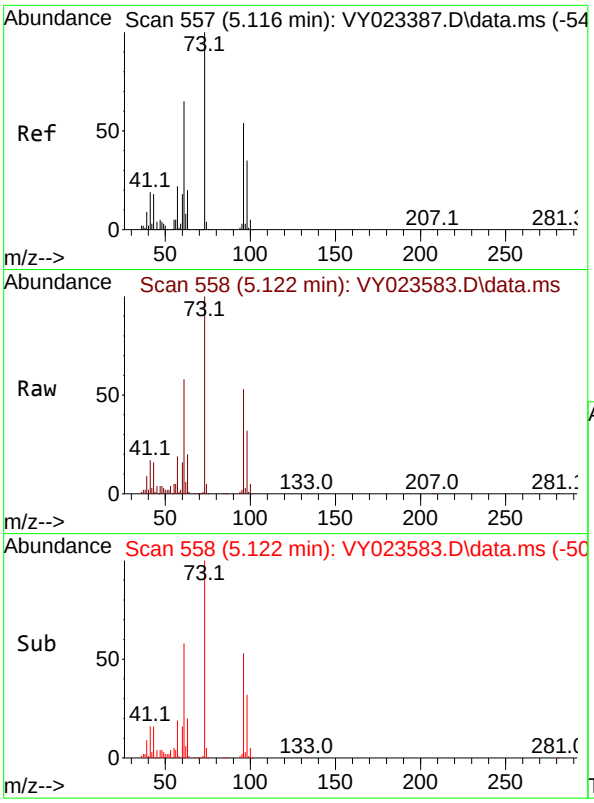


#18
Methyl Acetate
Concen: 62.245 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 164880

Ion	Ratio	Lower	Upper
43	100		
74	32.0	24.2	36.4



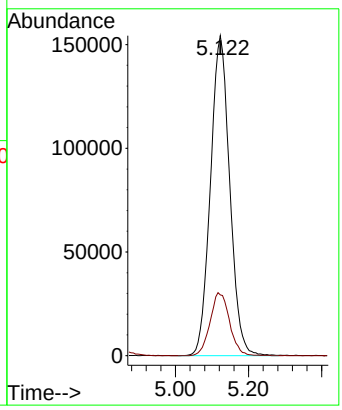


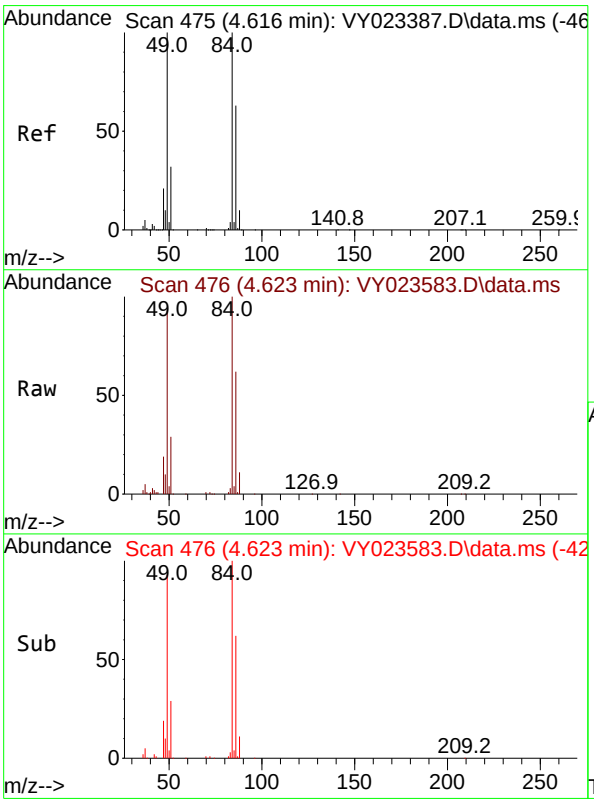
#19
Methyl tert-butyl Ether
Concen: 51.960 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 565049

Ion	Ratio	Lower	Upper
73	100		
57	19.0	17.4	26.0

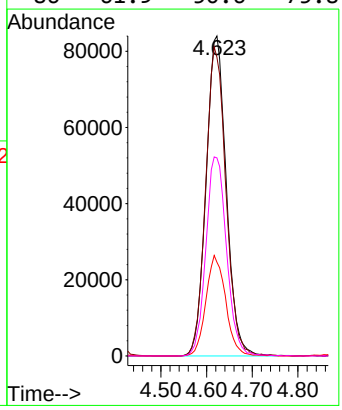


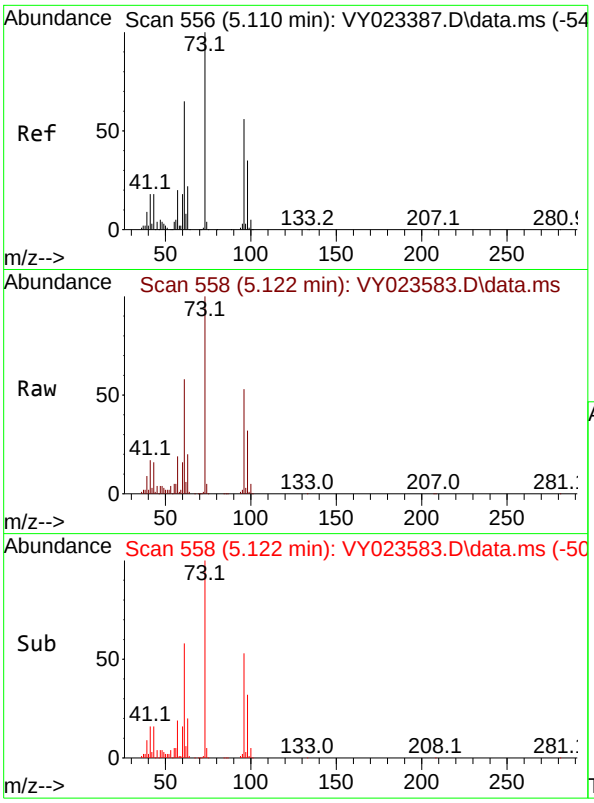


#20
Methylene Chloride
Concen: 47.242 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 84 Resp: 257954

Ion	Ratio	Lower	Upper
84	100		
49	93.4	80.2	120.4
51	29.3	25.9	38.9
86	61.9	50.6	75.8



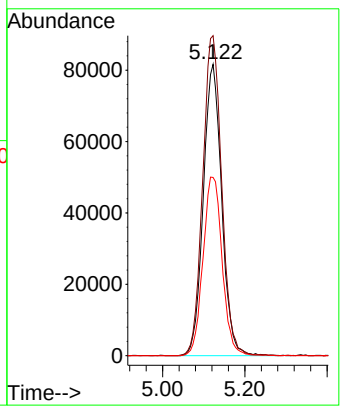


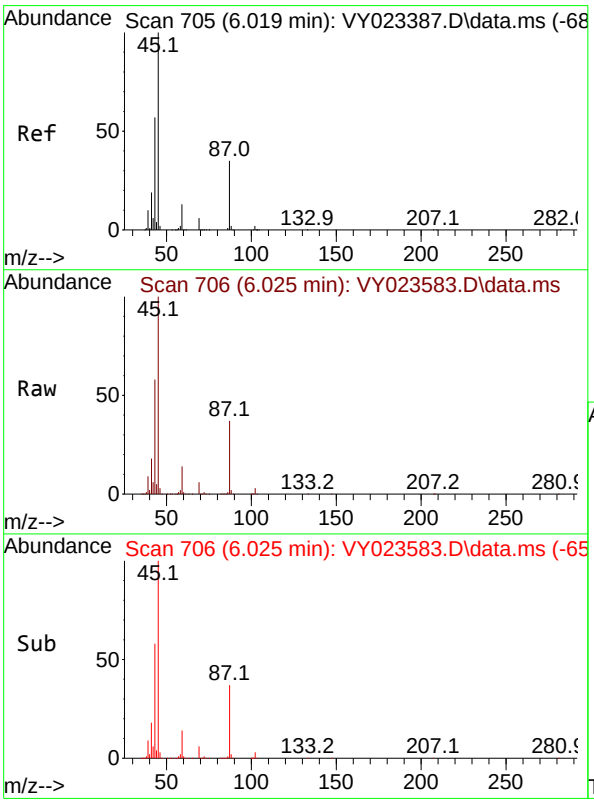
#21
trans-1,2-Dichloroethene
Concen: 50.951 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 253815

Ion	Ratio	Lower	Upper
96	100		
61	109.8	92.7	139.1
98	61.2	49.7	74.5

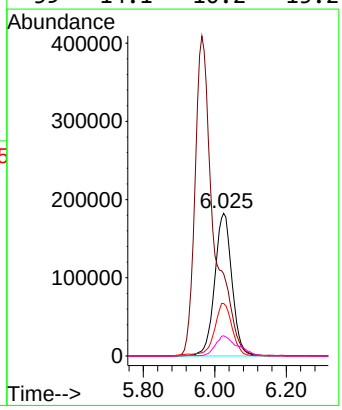


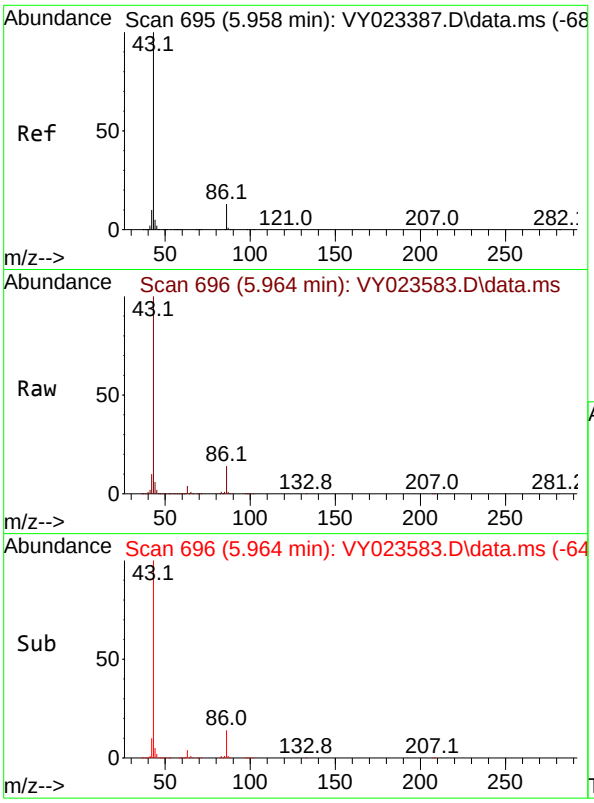


#22
Diisopropyl ether
Concen: 50.063 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 45 Resp: 610636

Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.6	68.4
87	36.7	28.1	42.1
59	14.1	10.2	15.2



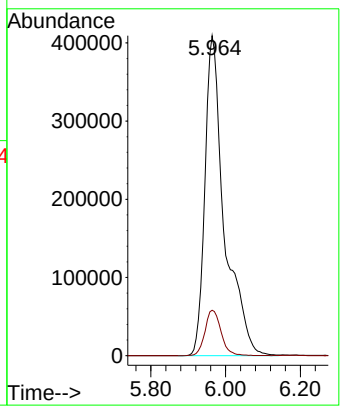


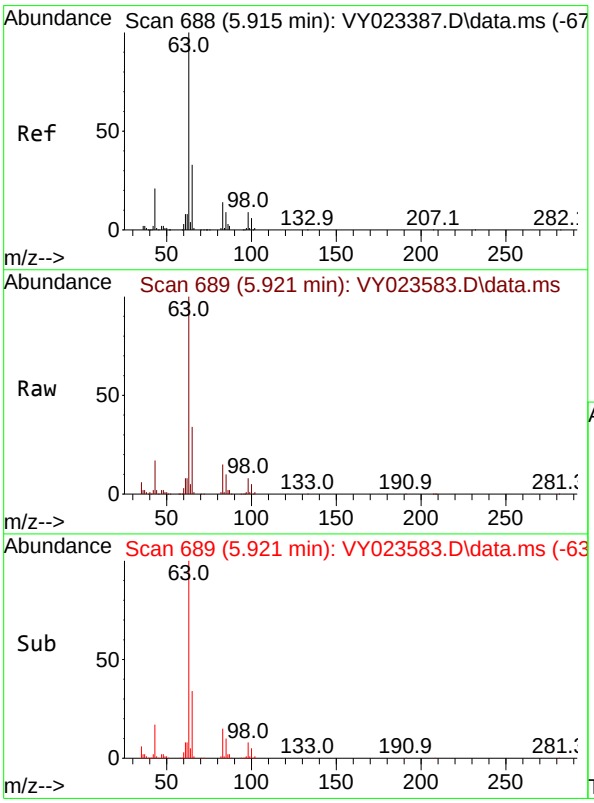
#23
Vinyl Acetate
Concen: 224.231 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1480410

Ion	Ratio	Lower	Upper
43	100		
86	14.2	10.6	15.8

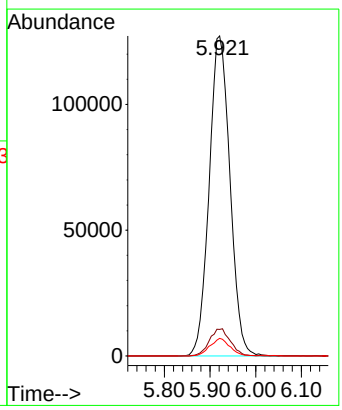


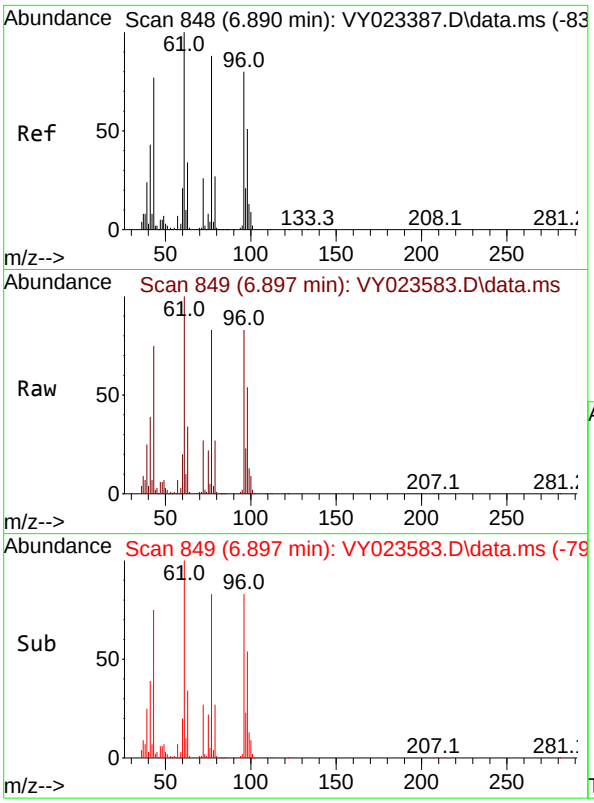


#24
1,1-Dichloroethane
Concen: 49.772 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 63 Resp: 402141

Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.3	13.1
100	5.5	2.8	8.4



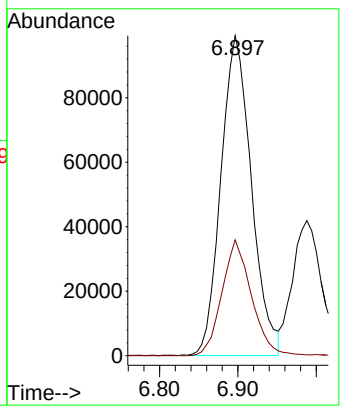


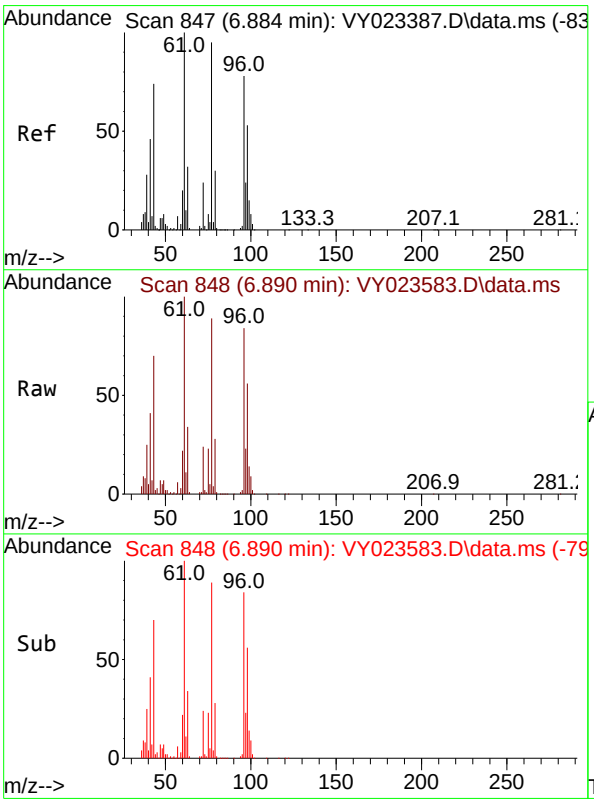
#25
2-Butanone
Concen: 217.718 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 268400

Ion	Ratio	Lower	Upper
43	100		
72	36.2	27.4	41.2

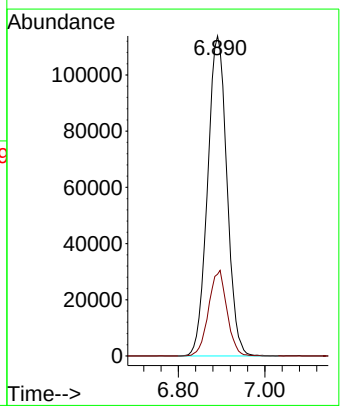


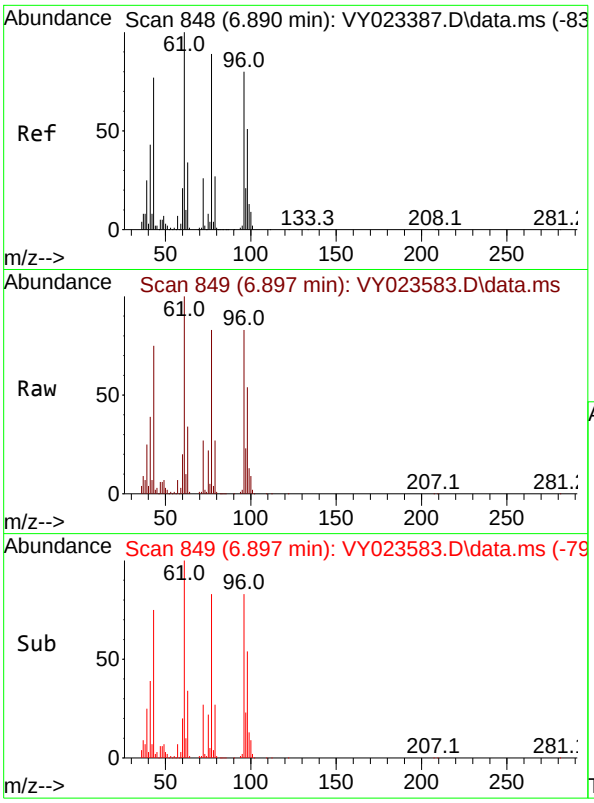


#26
2,2-Dichloropropane
Concen: 47.627 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 77 Resp: 353098

Ion	Ratio	Lower	Upper
77	100		
97	25.4	12.1	36.3



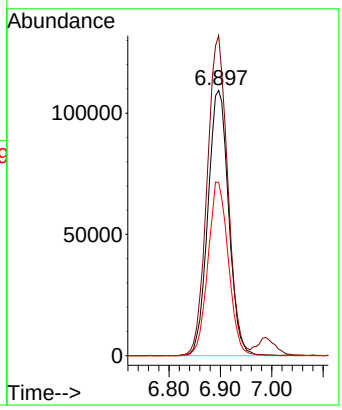


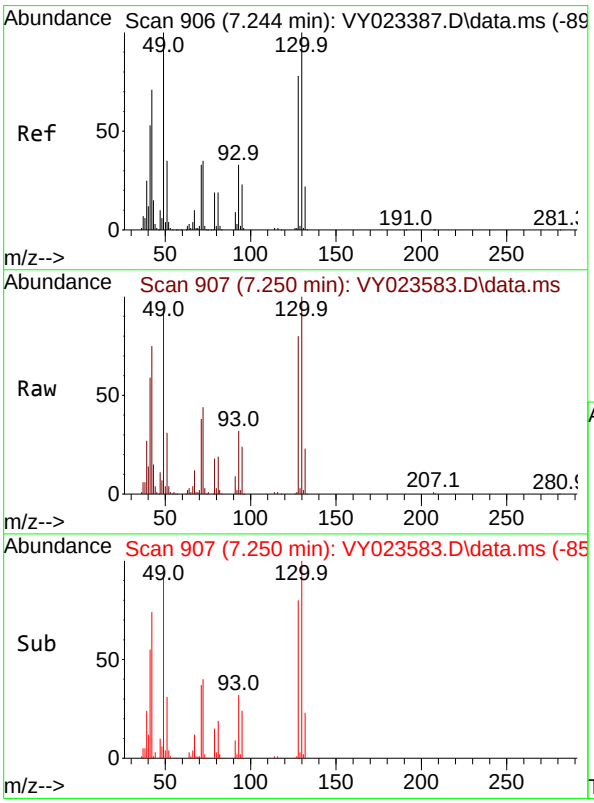
#27
cis-1,2-Dichloroethene
Concen: 53.358 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 307032

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	258.2
98	64.4	0.0	132.0

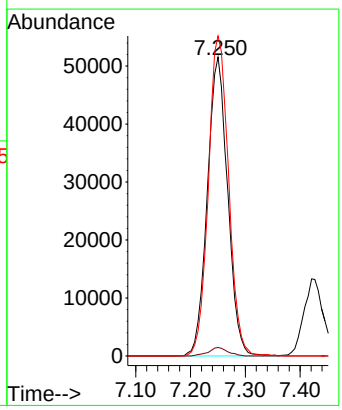


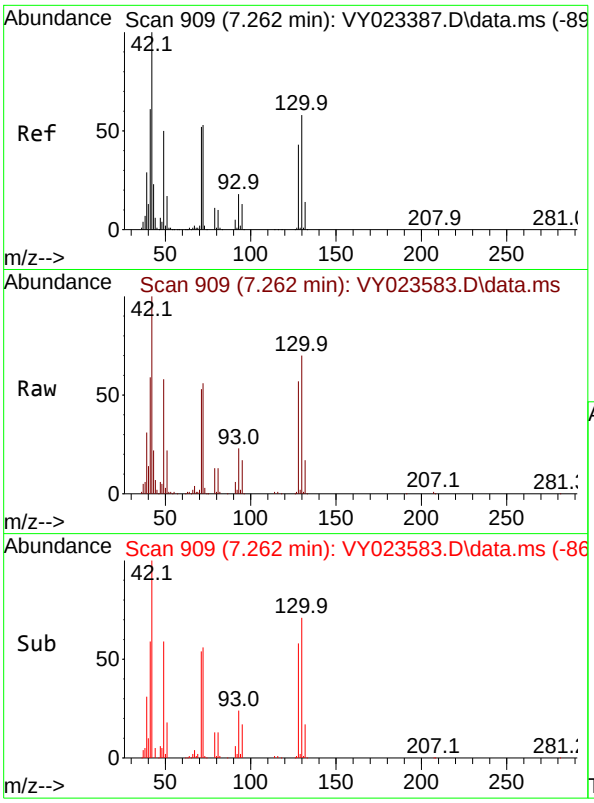


#28
Bromochloromethane
Concen: 43.934 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 49 Resp: 132517

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	106.6	81.9	122.9



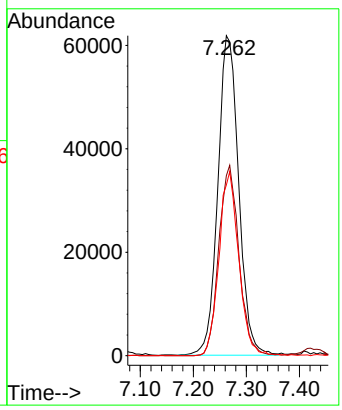


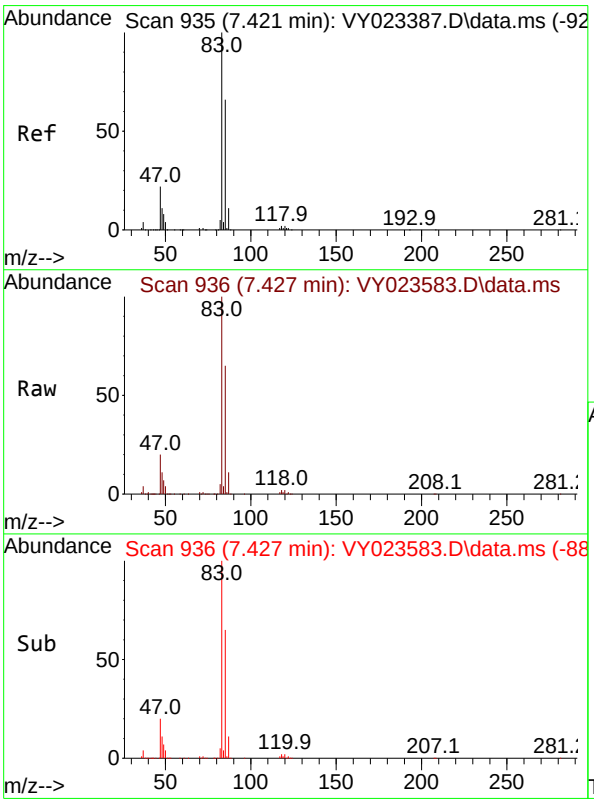
#29
Tetrahydrofuran
Concen: 241.224 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 168634

Ion	Ratio	Lower	Upper
42	100		
72	57.8	43.0	64.6
71	54.7	40.1	60.1

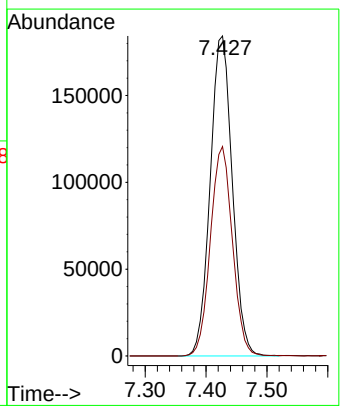


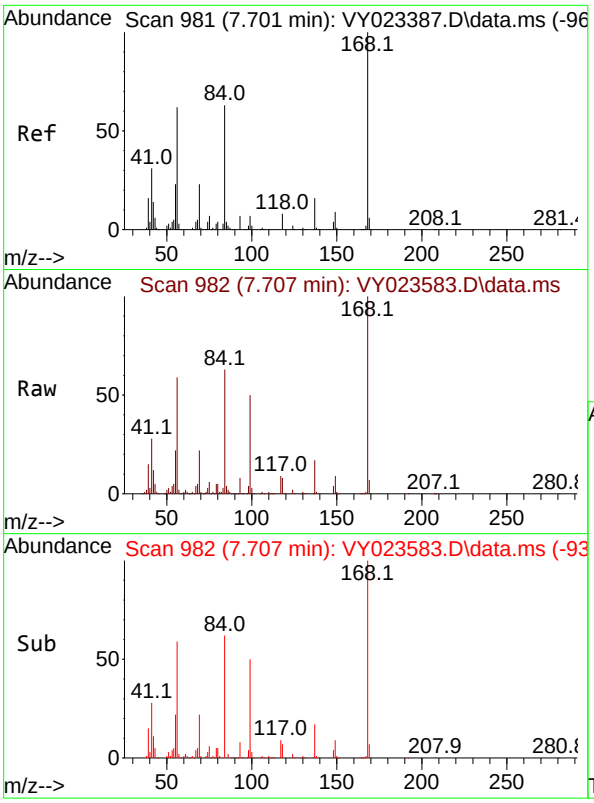


#30
Chloroform
Concen: 52.295 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 83 Resp: 464230

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7



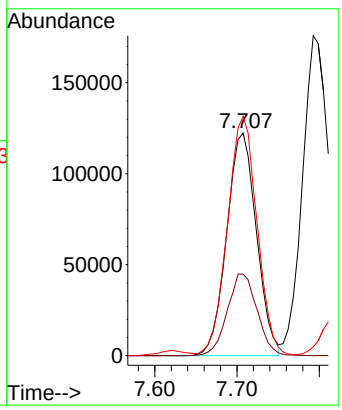


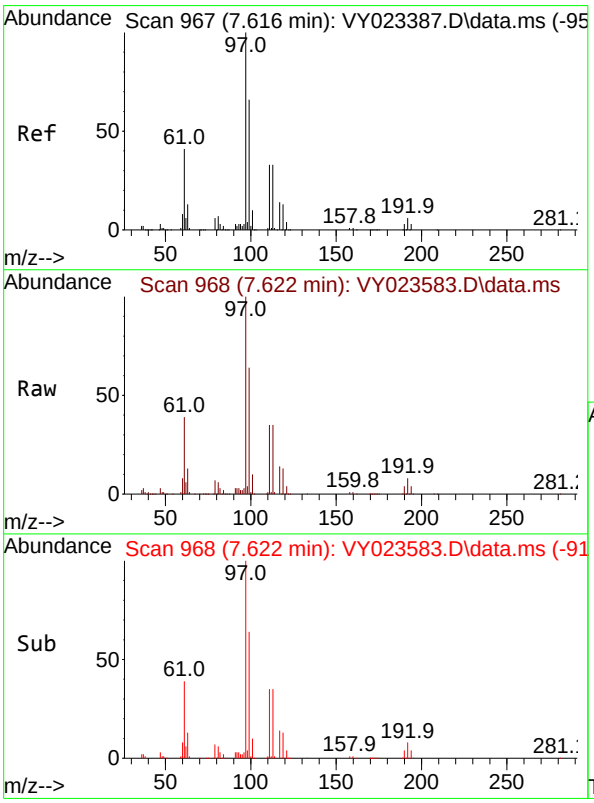
#31
Cyclohexane
Concen: 43.698 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 308332

Ion	Ratio	Lower	Upper
56	100		
69	36.7	30.0	45.0
84	105.7	81.2	121.8

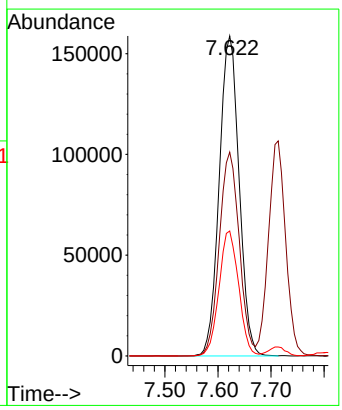


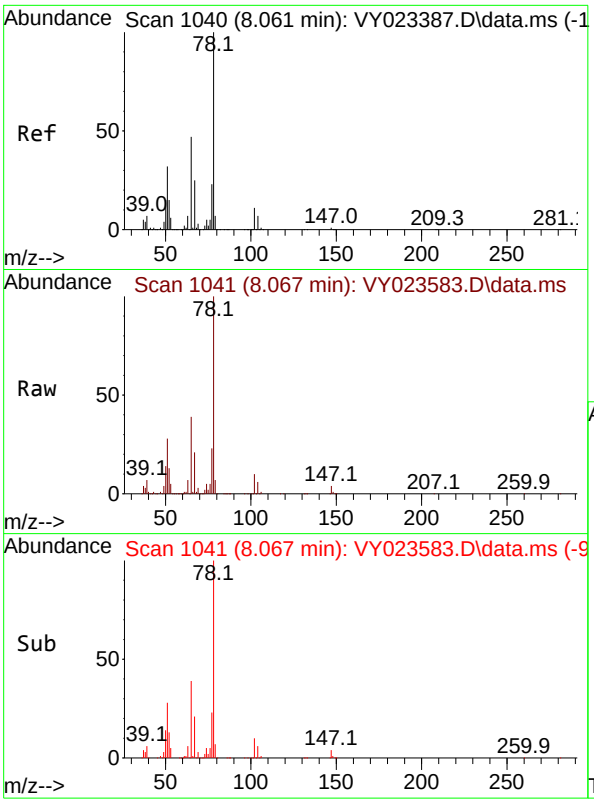


#32
1,1,1-Trichloroethane
Concen: 51.234 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 97 Resp: 413313

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	38.6	31.9	47.9



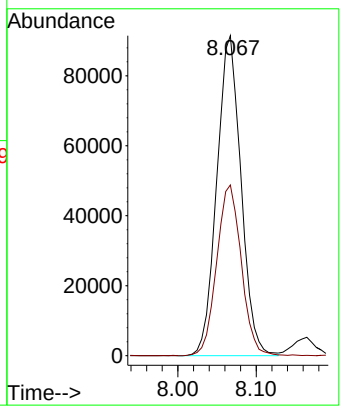


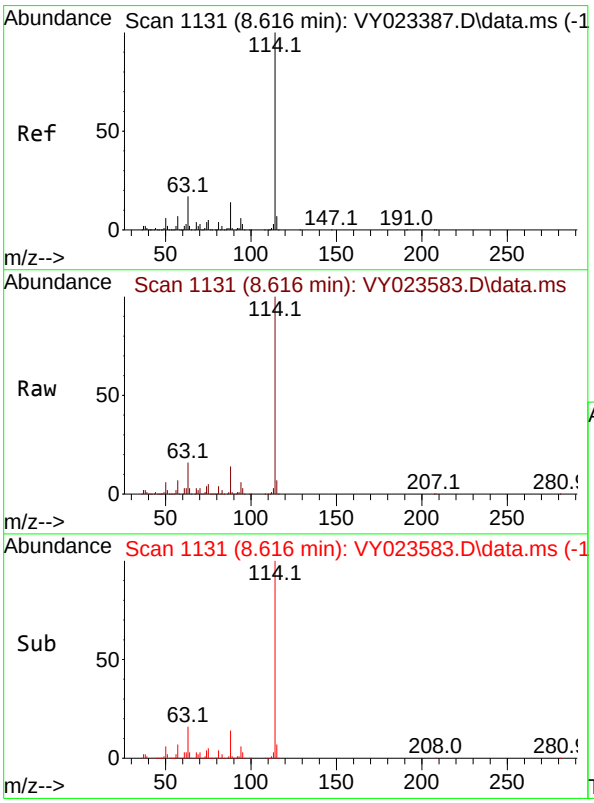
#33
1,2-Dichloroethane-d4
Concen: 46.364 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 196658

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.8

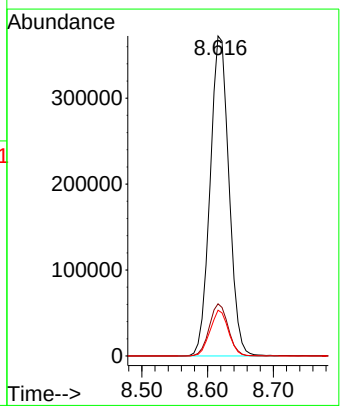


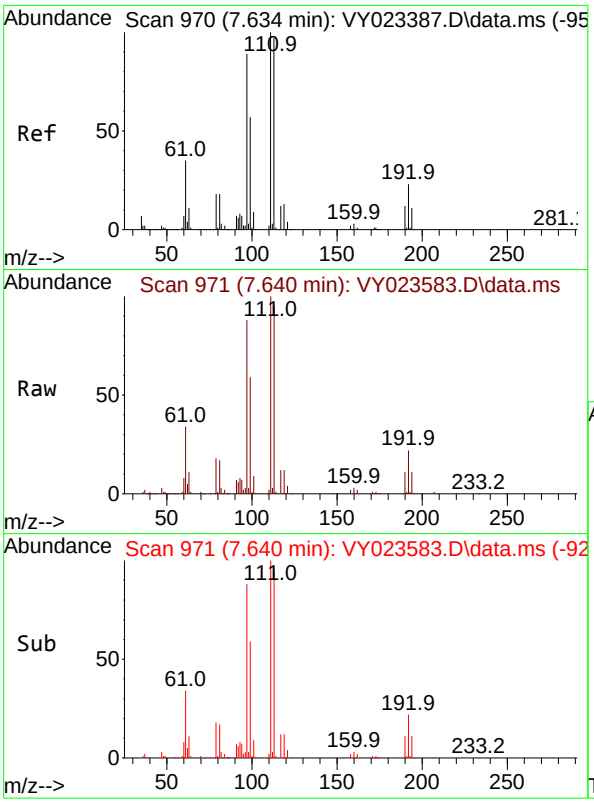


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:114 Resp: 742233

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	34.2
88	14.3	0.0	28.4



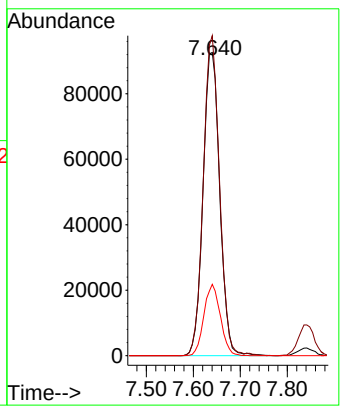


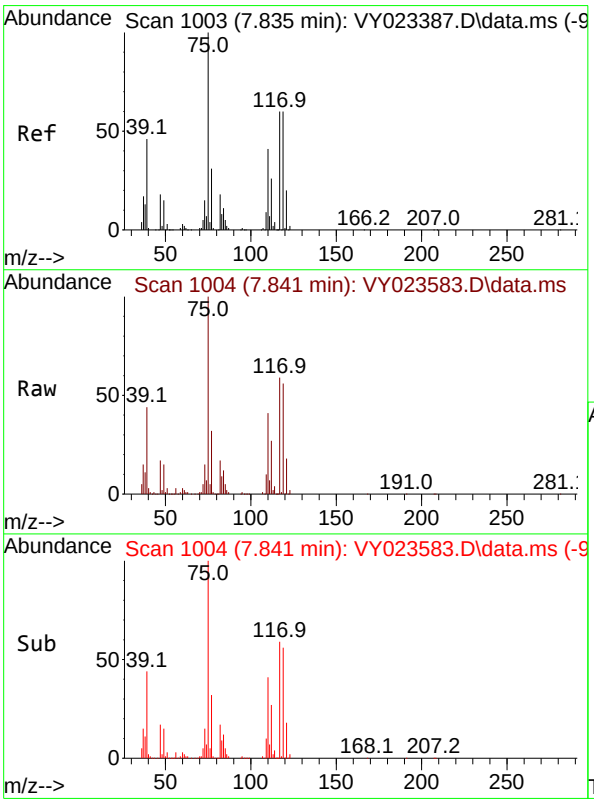
#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 228285

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	23.2	18.0	27.0

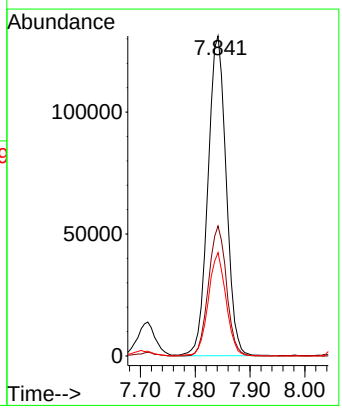


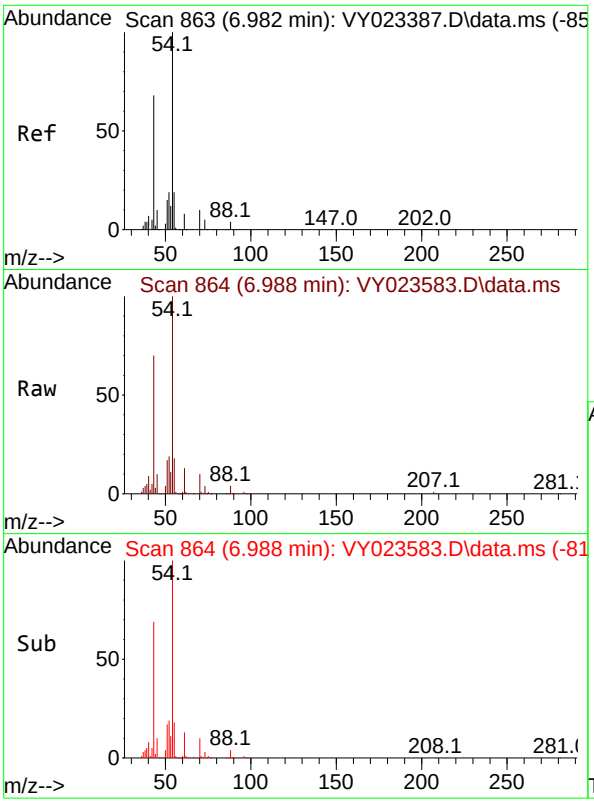


#36
1,1-Dichloropropene
Concen: 50.126 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 302655

Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.9	59.7
77	31.6	25.0	37.6



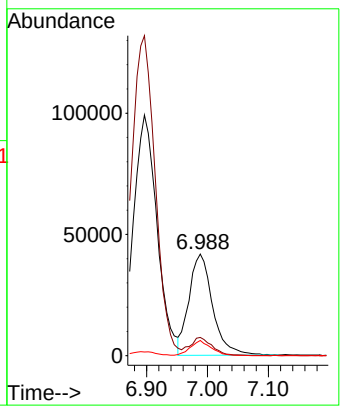


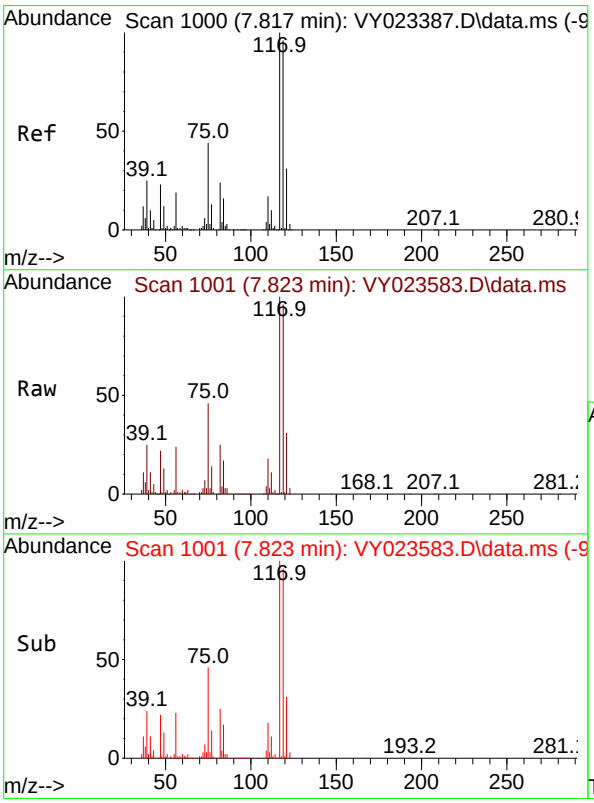
#37
Ethyl Acetate
Concen: 46.950 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 112306

Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.8
70	13.3	10.5	15.7

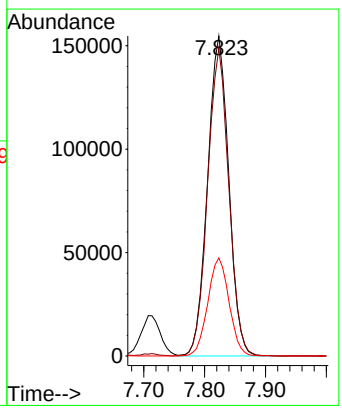


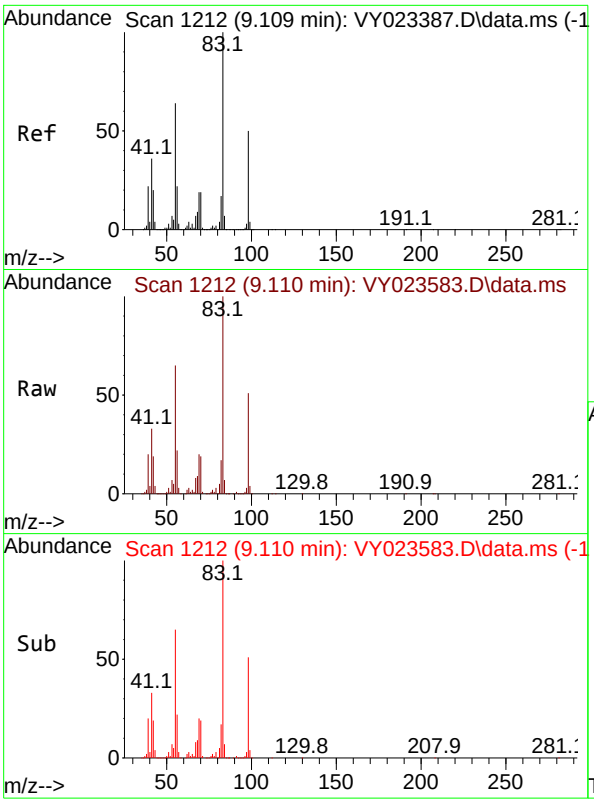


#38
Carbon Tetrachloride
Concen: 51.133 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 374359

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.8	115.2
121	30.6	24.5	36.7



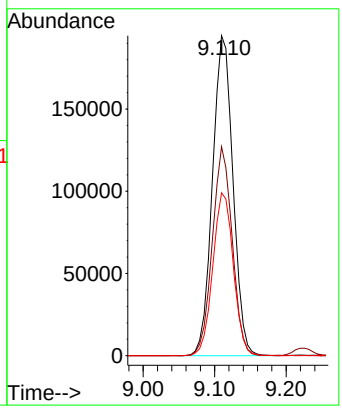


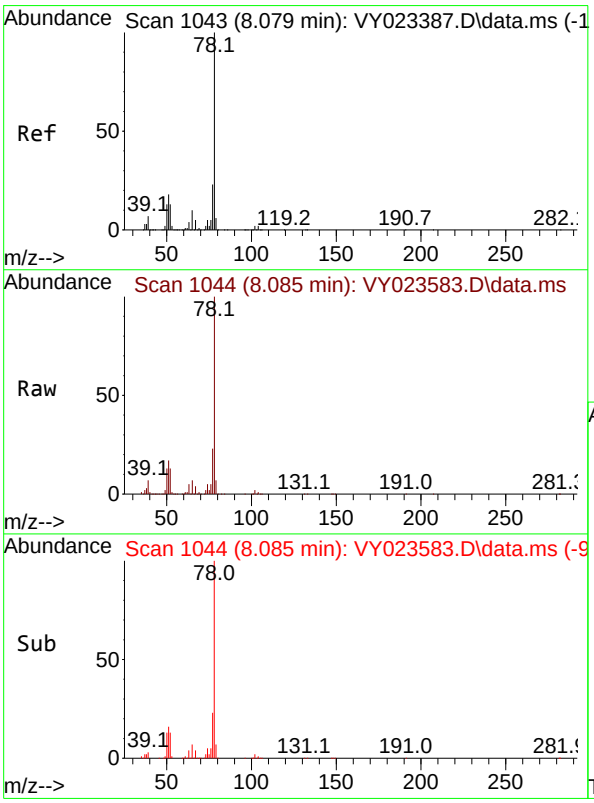
#39
Methylcyclohexane
Concen: 49.151 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 386395

Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.4	77.2
98	50.9	40.4	60.6

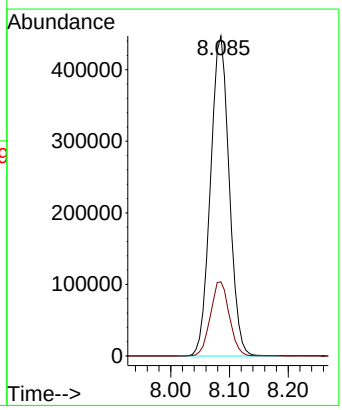


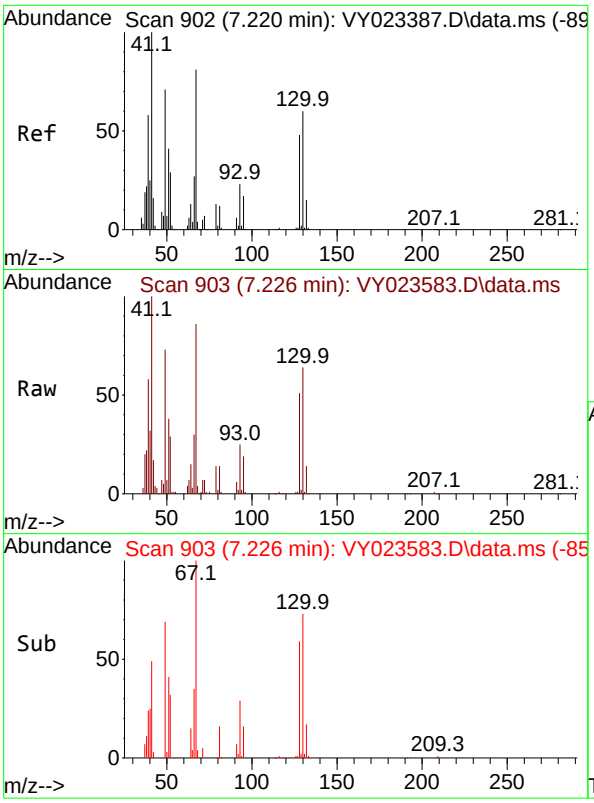


#40
Benzene
Concen: 51.750 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 78 Resp: 989530

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5



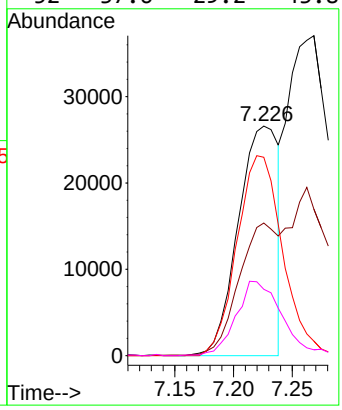


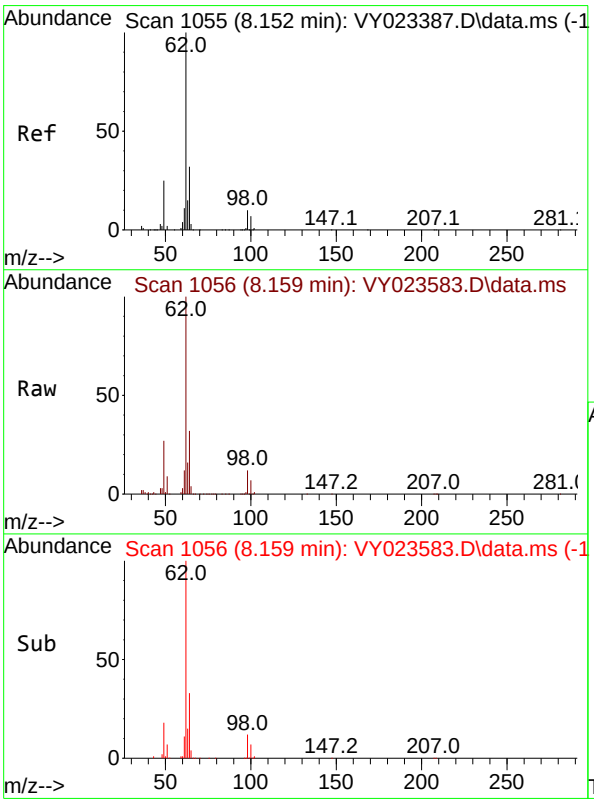
#41
Methacrylonitrile
Concen: 48.731 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 63044

Ion	Ratio	Lower	Upper
41	100		
39	56.7	52.2	78.4
67	100.2	74.9	112.3
52	37.6	29.2	43.8

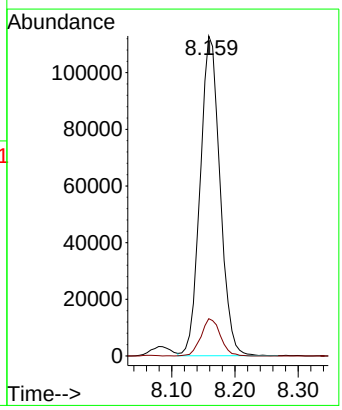


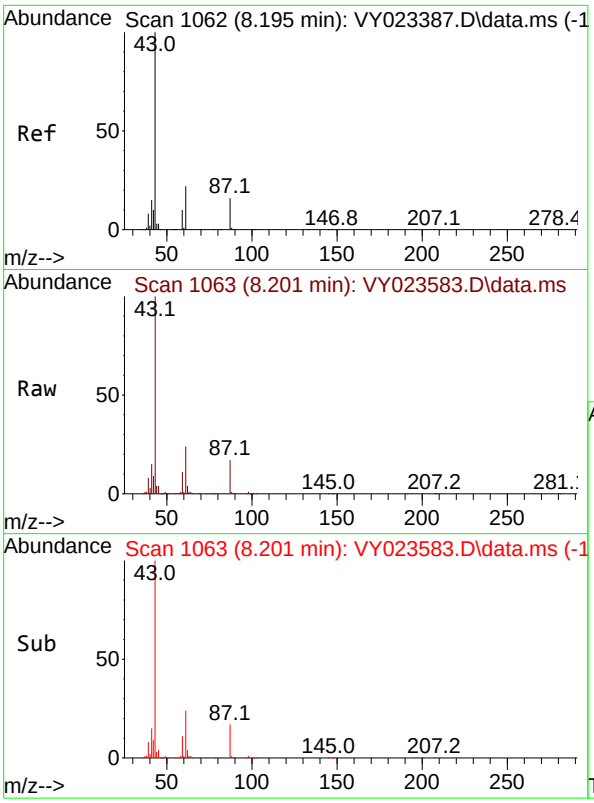


#42
1,2-Dichloroethane
Concen: 49.949 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 62 Resp: 246319

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.6



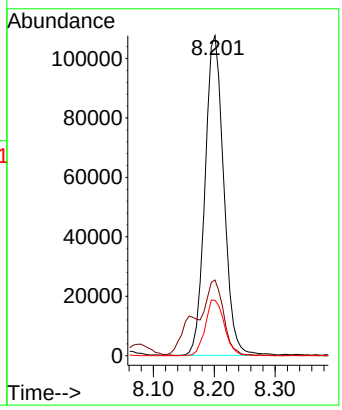


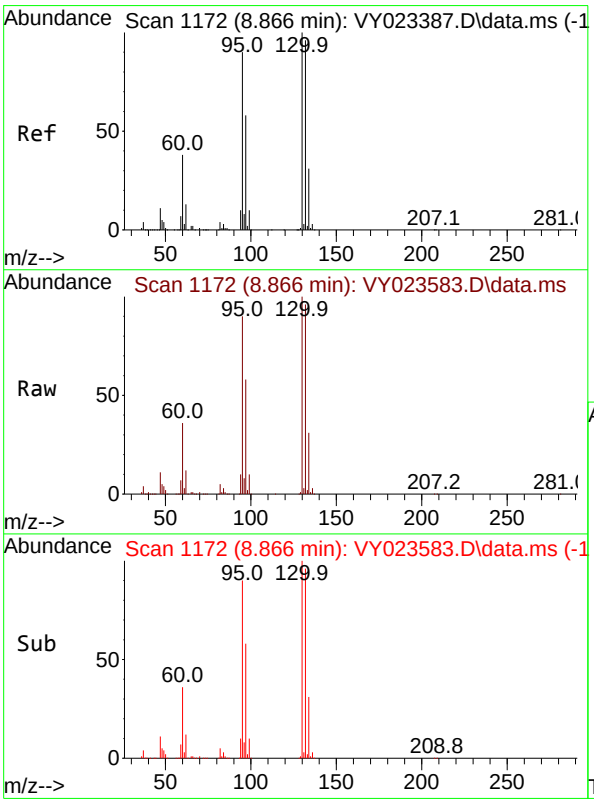
#43
Isopropyl Acetate
Concen: 48.273 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 230249

Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.1	27.1
87	17.8	13.5	20.3

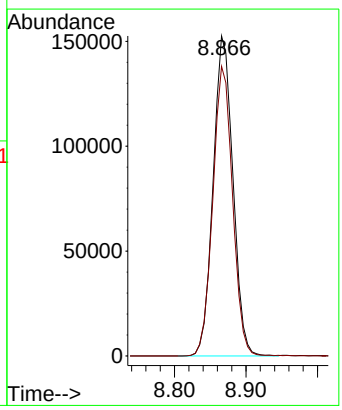


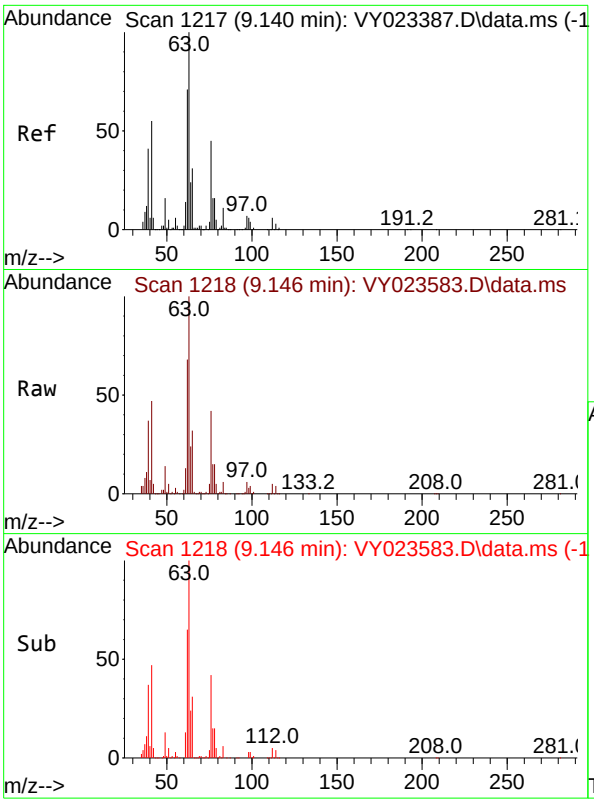


#44
Trichloroethene
Concen: 52.437 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:130 Resp: 293471

Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	180.6



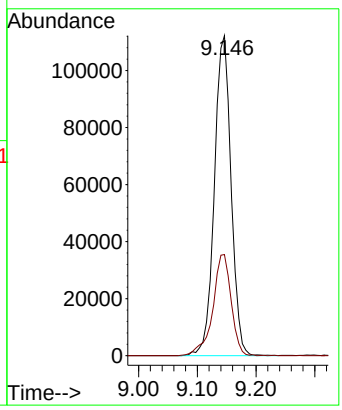


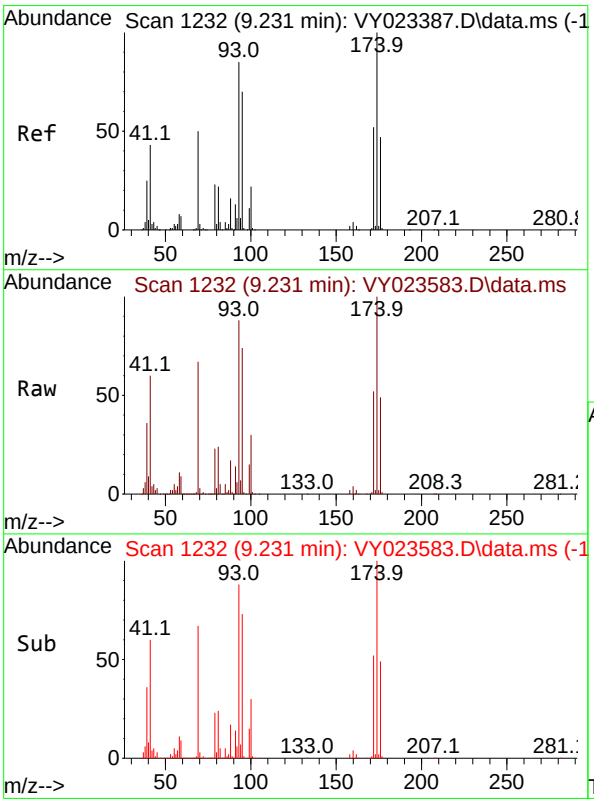
#45
1,2-Dichloropropane
Concen: 52.426 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 221418

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.9	37.3

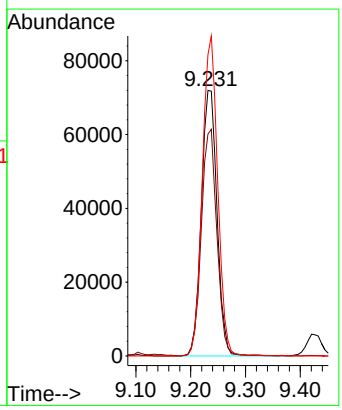


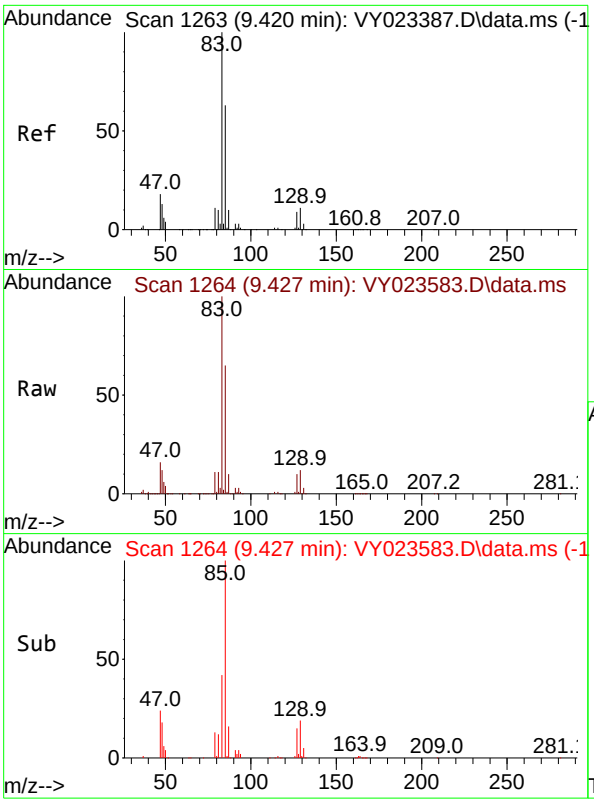


#46
Dibromomethane
Concen: 53.491 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 93 Resp: 142853

Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.4	98.0
174	117.3	92.9	139.3



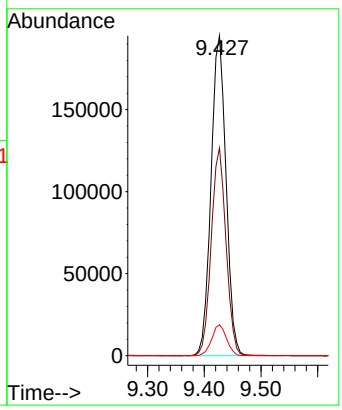


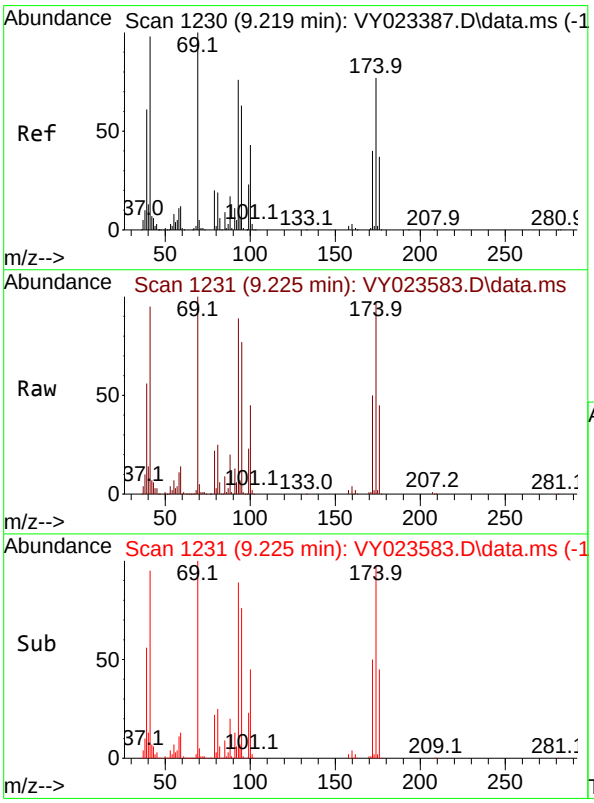
#47
Bromodichloromethane
Concen: 53.231 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 358037

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2
127	9.6	7.4	11.2

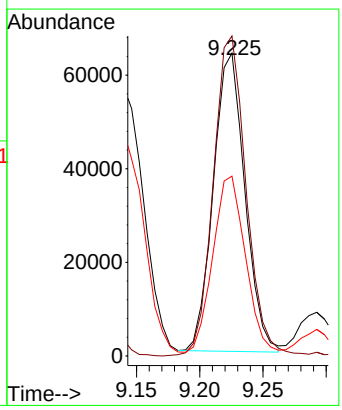


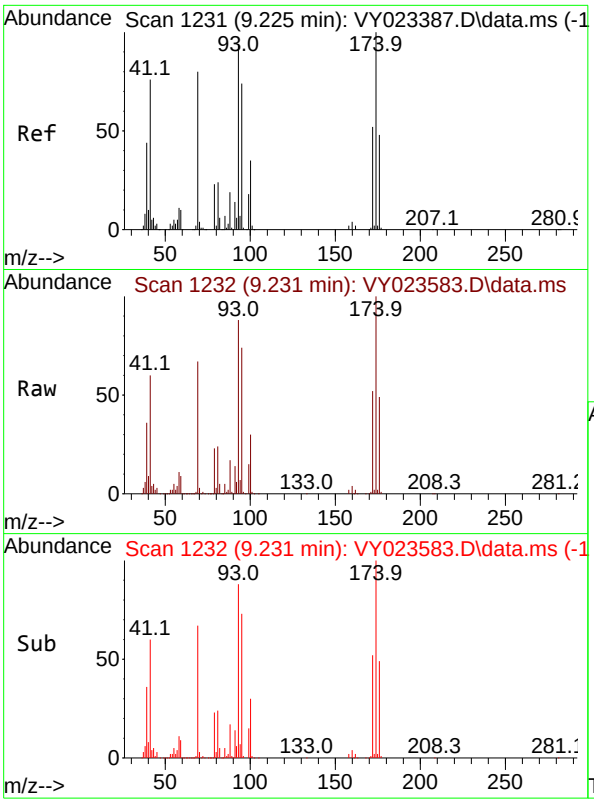


#48
Methyl methacrylate
Concen: 49.312 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 41 Resp: 110497

Ion	Ratio	Lower	Upper
41	100		
69	111.5	81.0	121.4
39	63.2	48.2	72.4



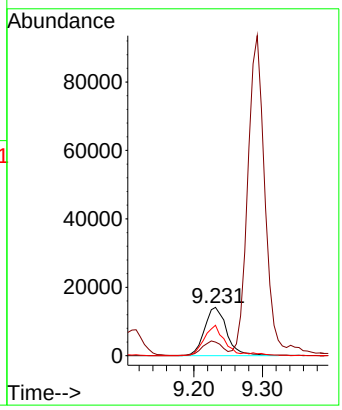


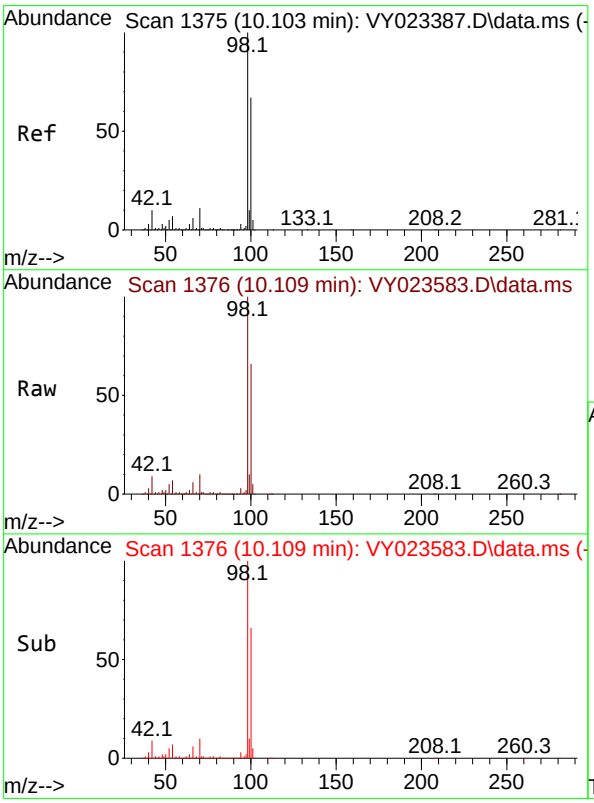
#49
1,4-Dioxane
Concen: 1029.589 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 31880

Ion	Ratio	Lower	Upper
88	100		
43	26.1	21.8	32.8
58	57.7	46.8	70.2

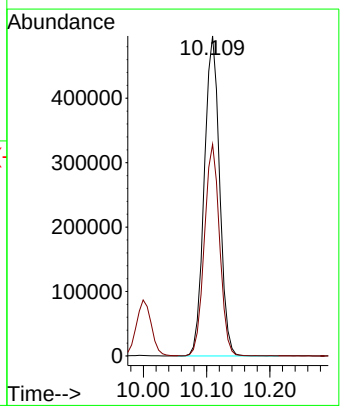


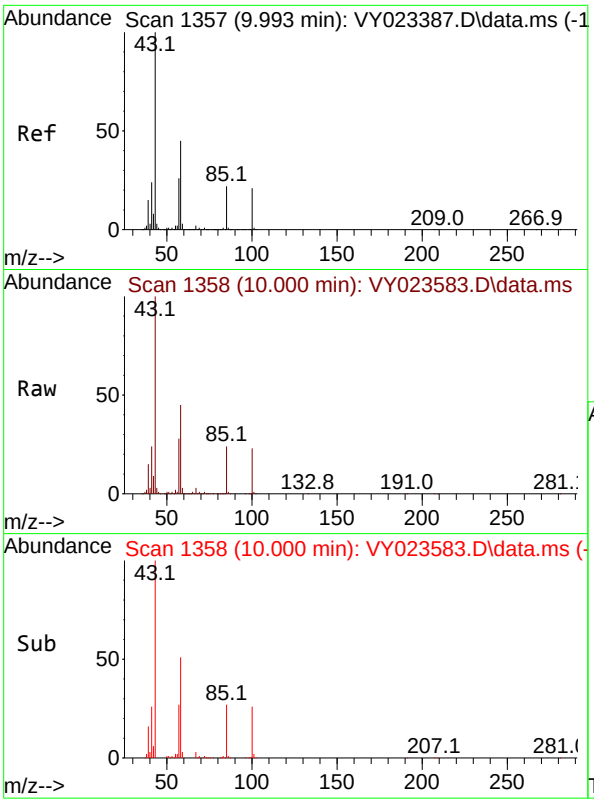


#50
Toluene-d8
Concen: 49.231 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 98 Resp: 836159

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4



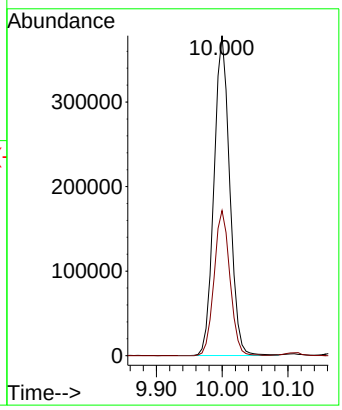


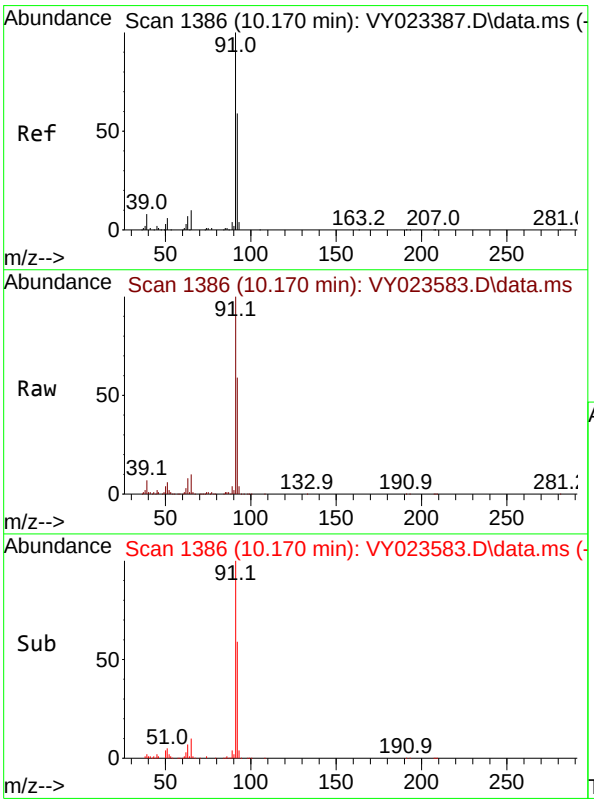
#51
4-Methyl-2-Pentanone
Concen: 256.268 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 631539

Ion	Ratio	Lower	Upper
43	100		
58	45.6	35.3	52.9

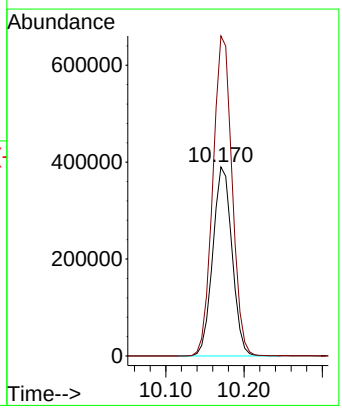


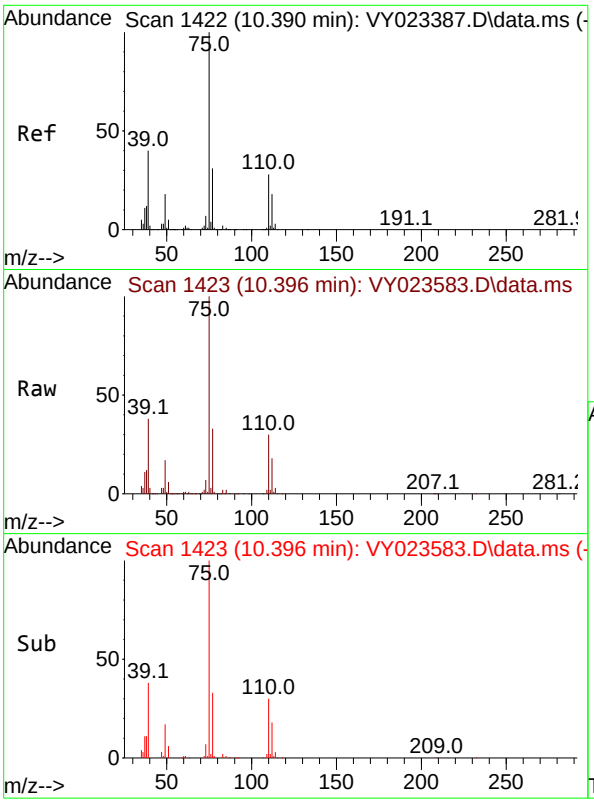


#52
Toluene
Concen: 53.602 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 92 Resp: 665485

Ion	Ratio	Lower	Upper
92	100		
91	169.7	136.4	204.6



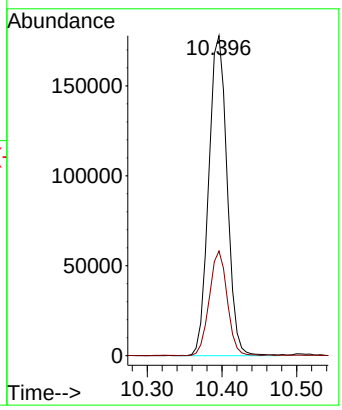


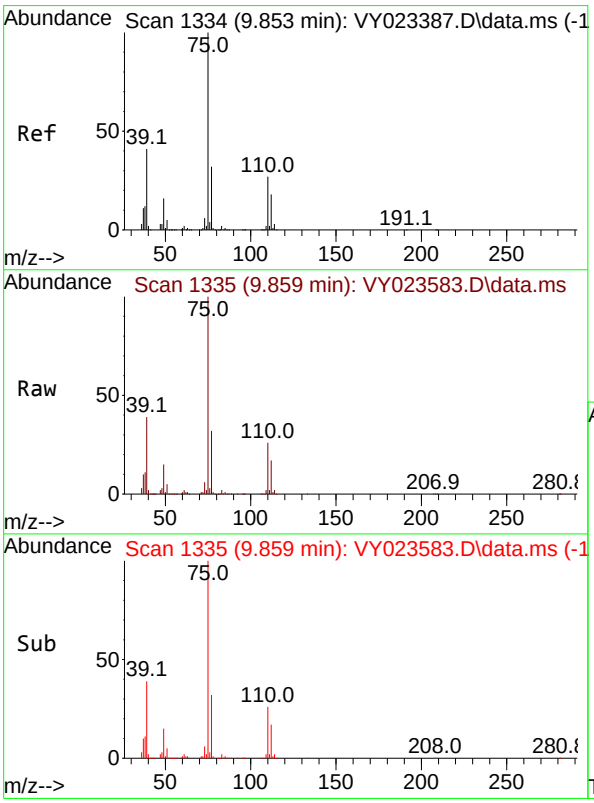
#53
t-1,3-Dichloropropene
Concen: 51.933 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 303725

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.1	37.7

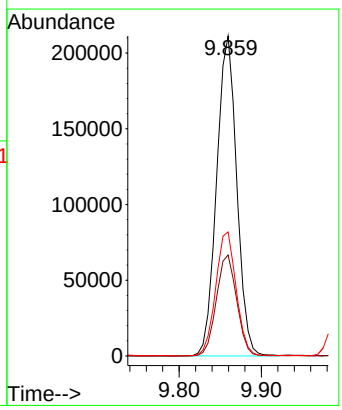


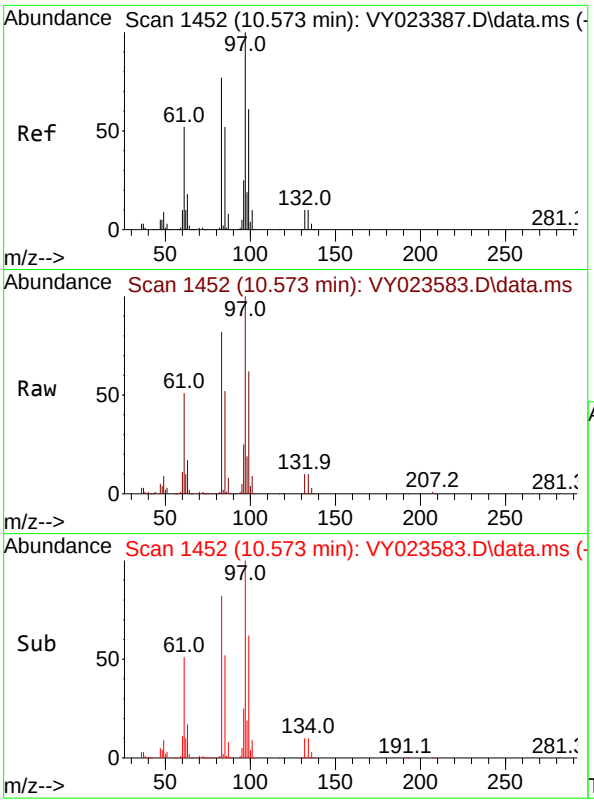


#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 360060

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	38.7	32.8	49.2



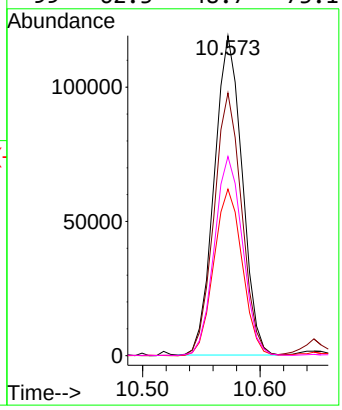


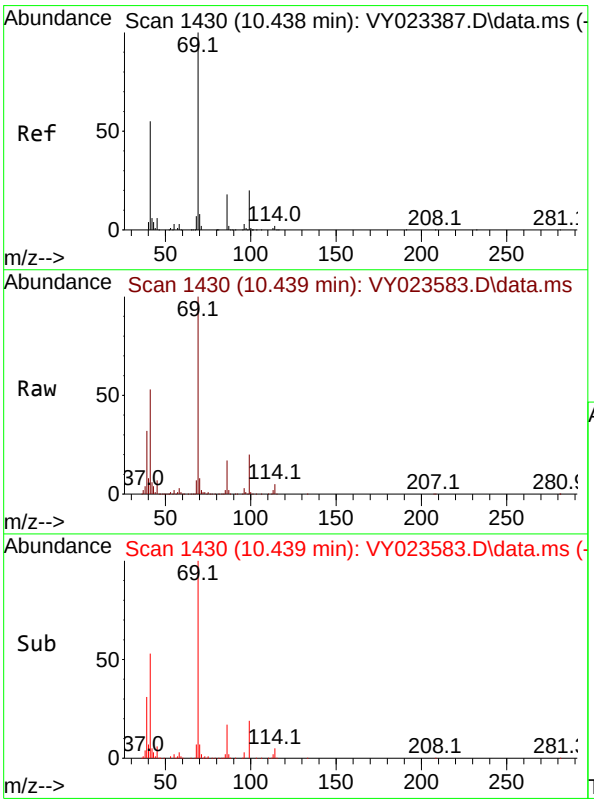
#55
1,1,2-Trichloroethane
Concen: 54.660 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 196300

Ion	Ratio	Lower	Upper
97	100		
83	82.3	61.8	92.6
85	52.2	41.3	61.9
99	62.3	48.7	73.1

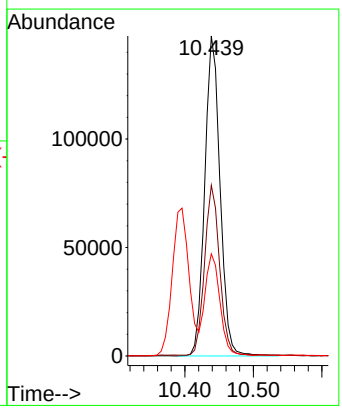


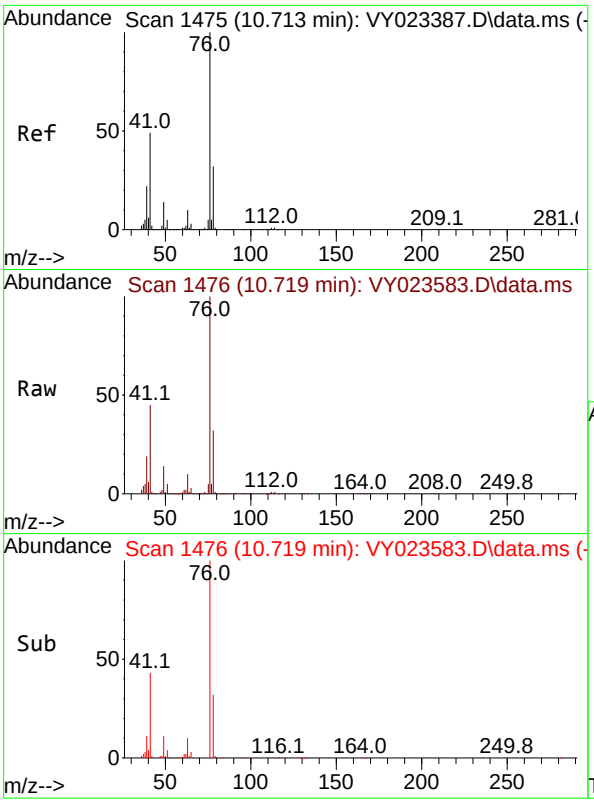


#56
Ethyl methacrylate
Concen: 55.470 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 69 Resp: 229792

Ion	Ratio	Lower	Upper
69	100		
41	52.2	44.6	67.0
39	30.6	27.0	40.4



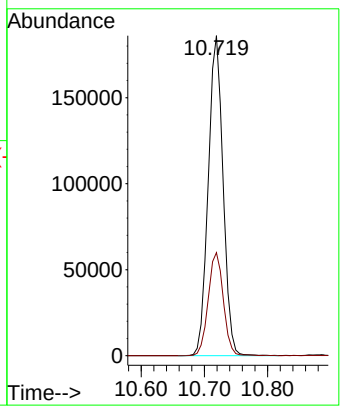


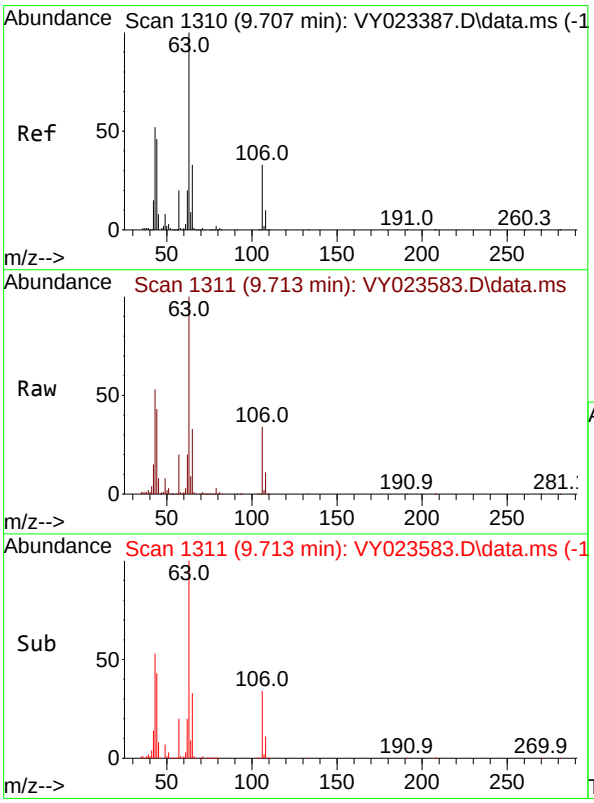
#57
1,3-Dichloropropane
Concen: 53.336 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 303529

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9

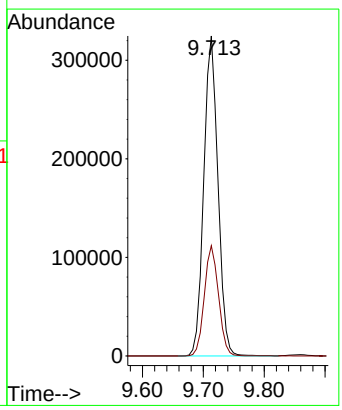


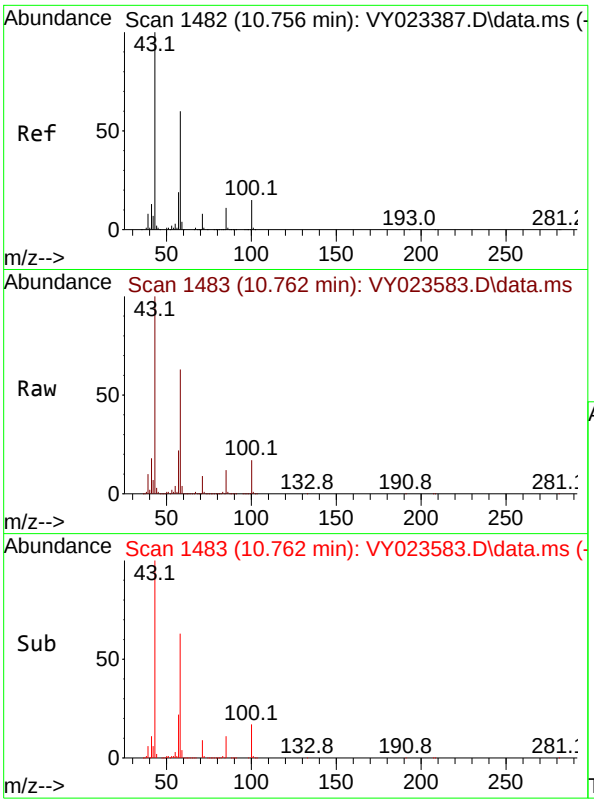


#58
2-Chloroethyl Vinyl ether
Concen: 282.585 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 63 Resp: 524417

Ion	Ratio	Lower	Upper
63	100		
106	34.4	26.6	39.8



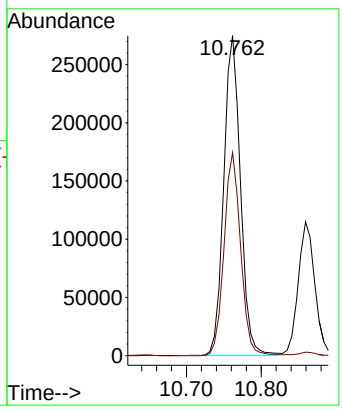


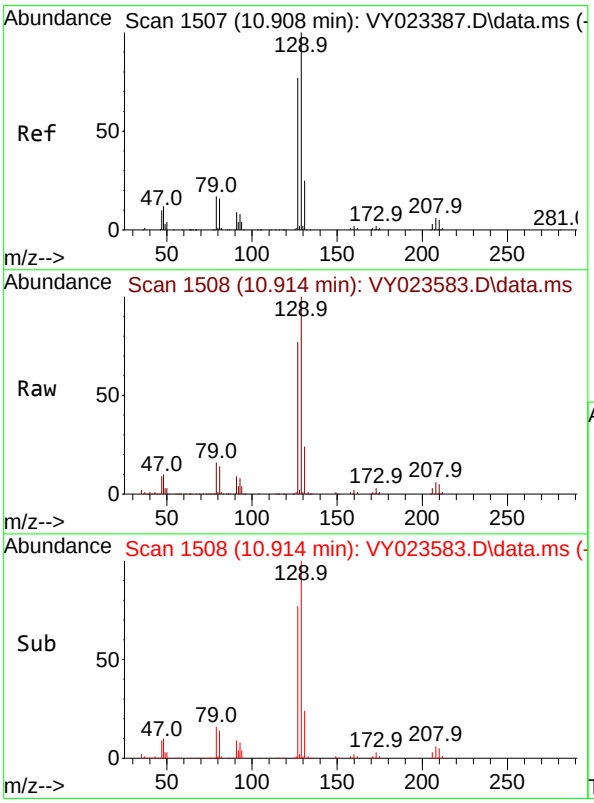
#59
2-Hexanone
Concen: 243.040 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 428030

Ion	Ratio	Lower	Upper
43	100		
58	63.0	30.5	91.5

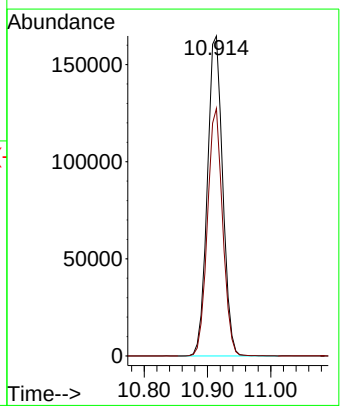


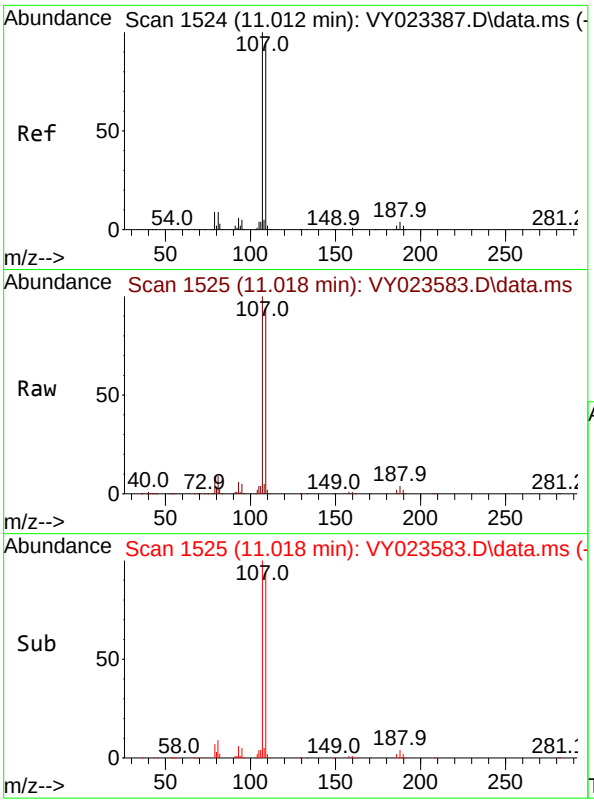


#60
Dibromochloromethane
Concen: 55.230 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:129 Resp: 278085

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.6	115.7



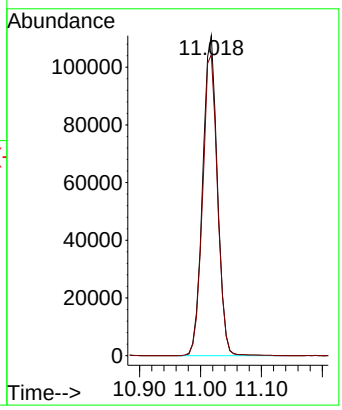


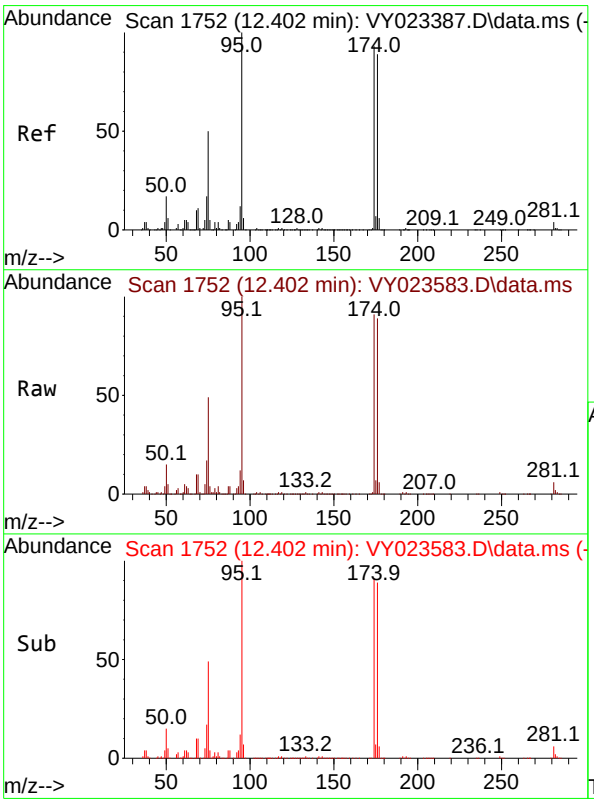
#61
1,2-Dibromoethane
Concen: 54.370 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 186217

Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.1	114.1

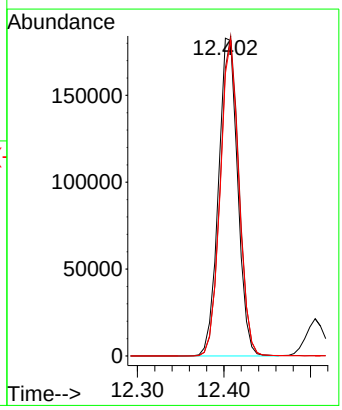


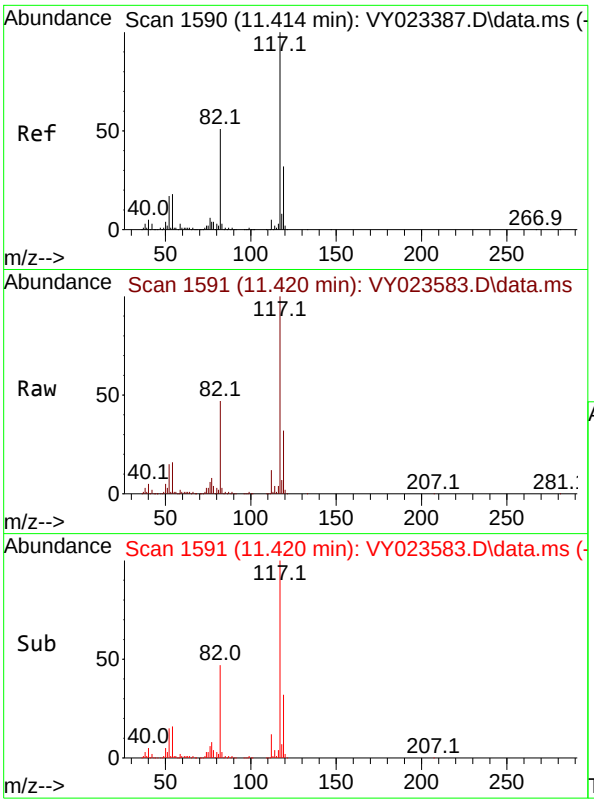


#62
4-Bromofluorobenzene
Concen: 50.285 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 95 Resp: 281968

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	192.8
176	96.2	0.0	187.6



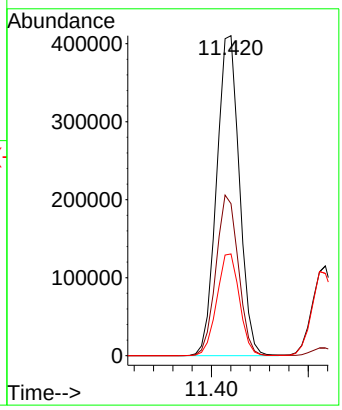


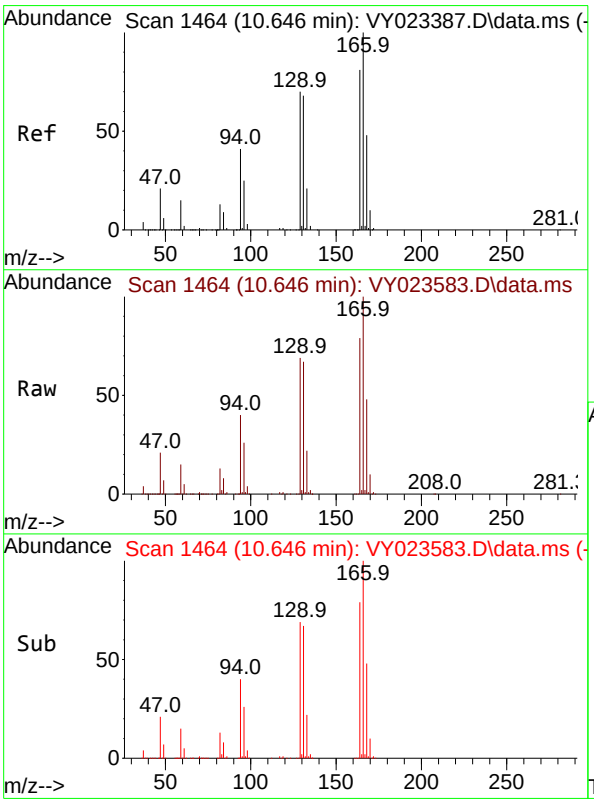
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 668743

Ion	Ratio	Lower	Upper
117	100		
82	47.5	41.0	61.4
119	31.8	25.6	38.4

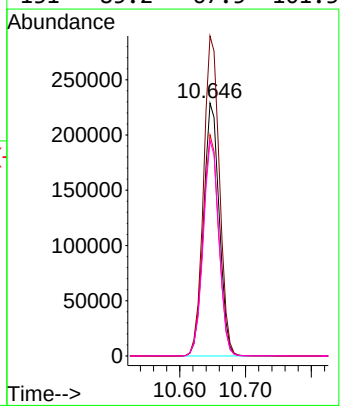


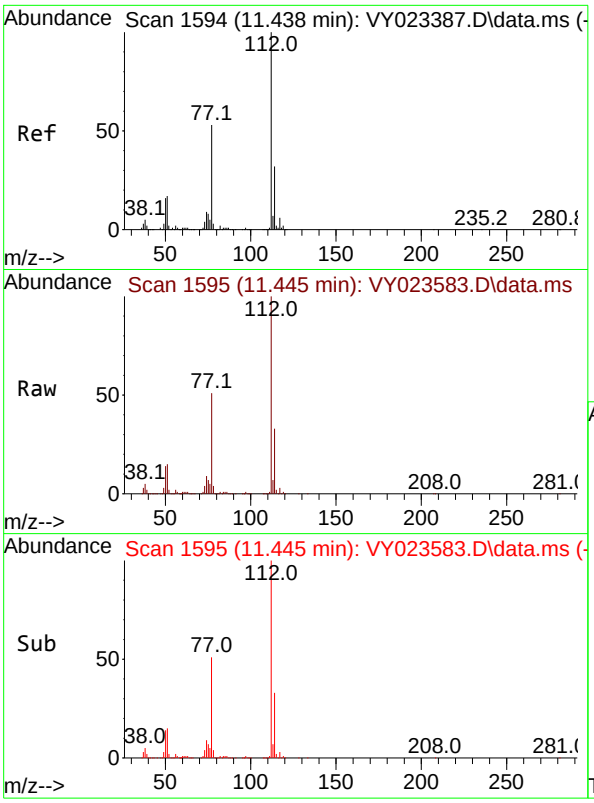


#64
Tetrachloroethene
Concen: 54.866 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:164 Resp: 378855

Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.4	149.0
129	87.5	69.4	104.2
131	85.2	67.5	101.3



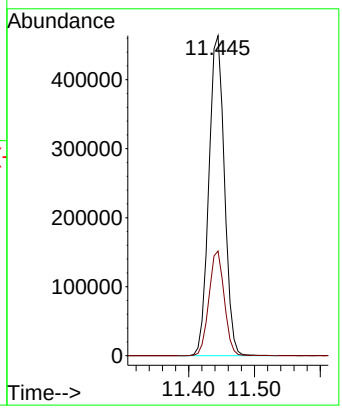


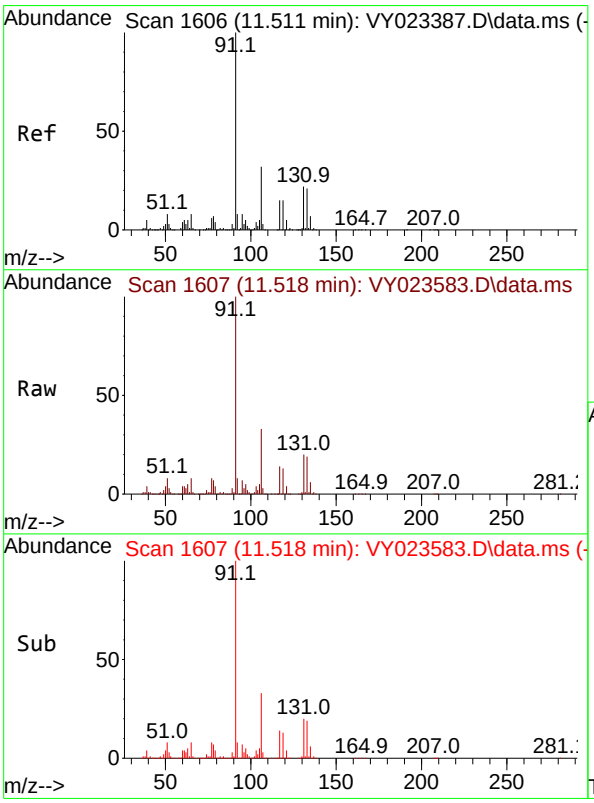
#65
Chlorobenzene
Concen: 52.481 ug/l
RT: 11.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 763325

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4

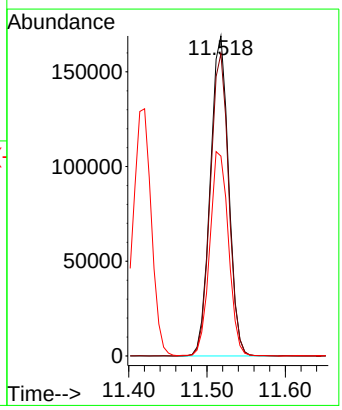


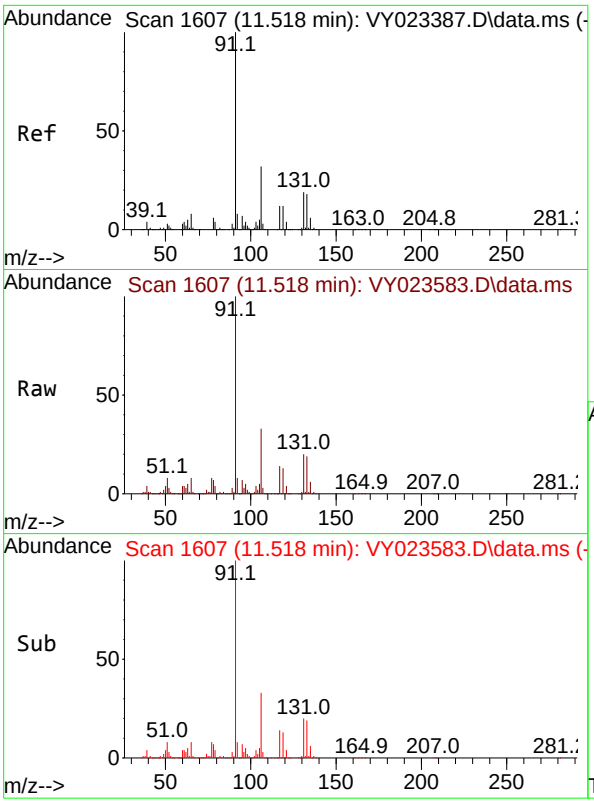


#66
1,1,1,2-Tetrachloroethane
Concen: 52.979 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:131 Resp: 274597

Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.4	145.2
119	65.3	32.4	97.2



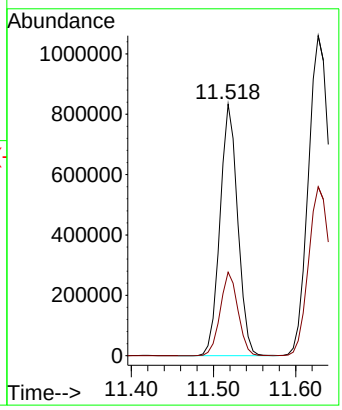


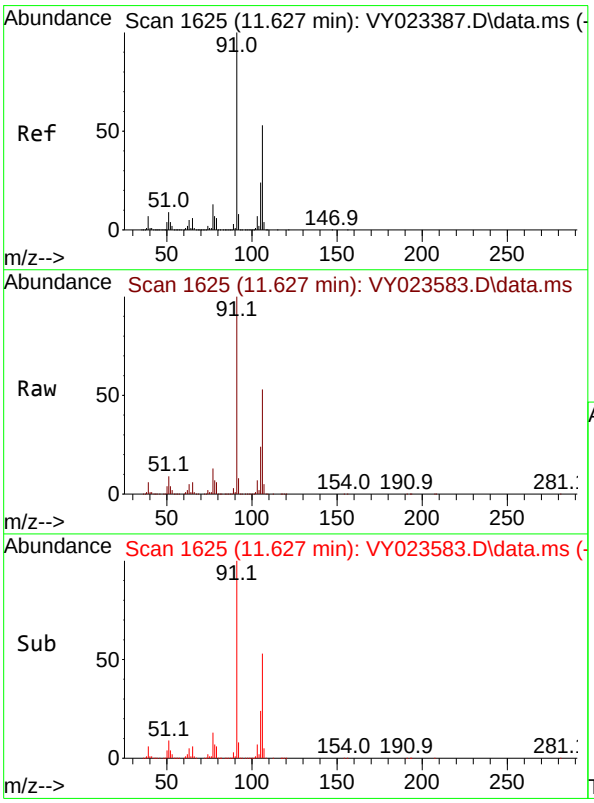
#67
Ethyl Benzene
Concen: 52.985 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1247469

Ion	Ratio	Lower	Upper
91	100		
106	33.2	25.8	38.8

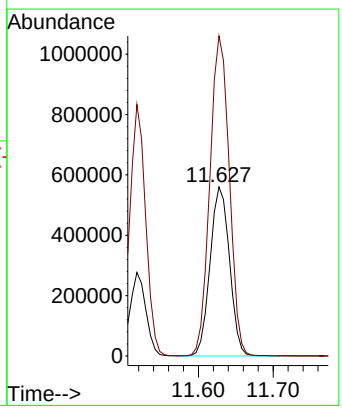


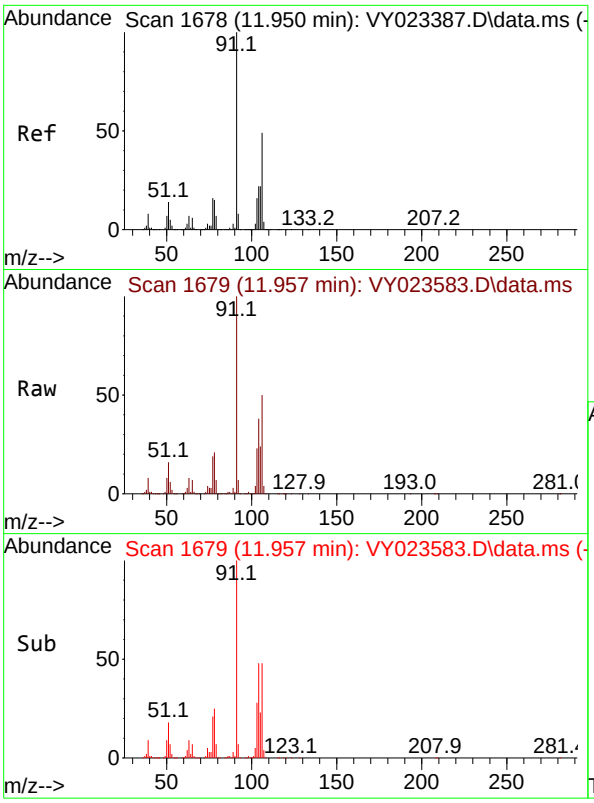


#68
m/p-Xylenes
Concen: 106.715 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:106 Resp: 1007740

Ion	Ratio	Lower	Upper
106	100		
91	190.1	152.6	229.0



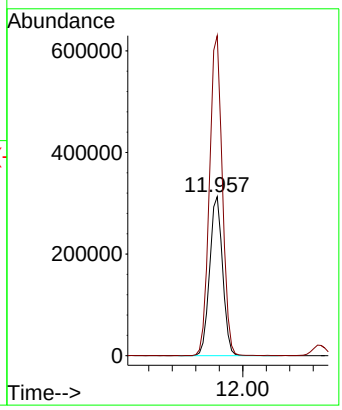


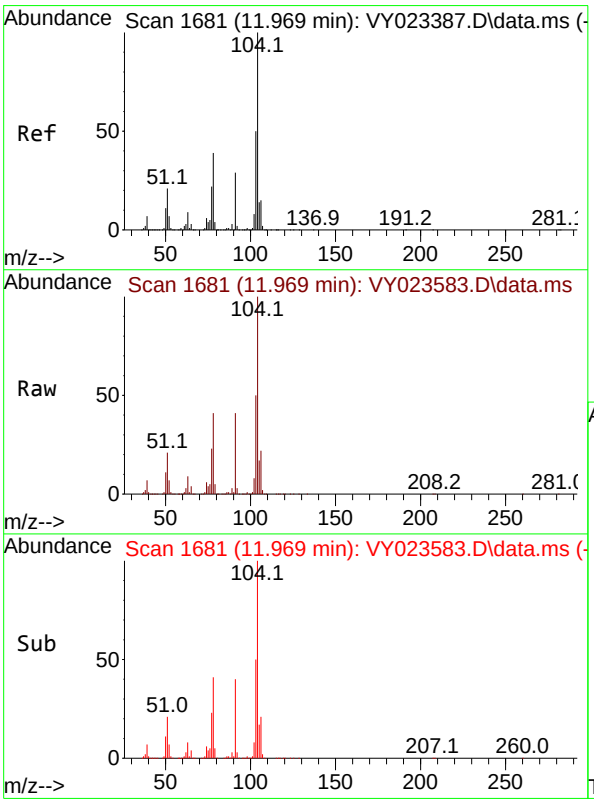
#69
o-Xylene
Concen: 54.018 ug/l
RT: 11.957 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 478468

Ion	Ratio	Lower	Upper
106	100		
91	200.2	101.4	304.1

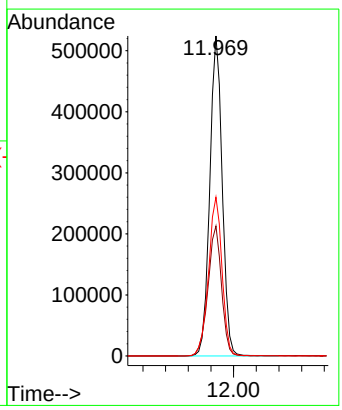


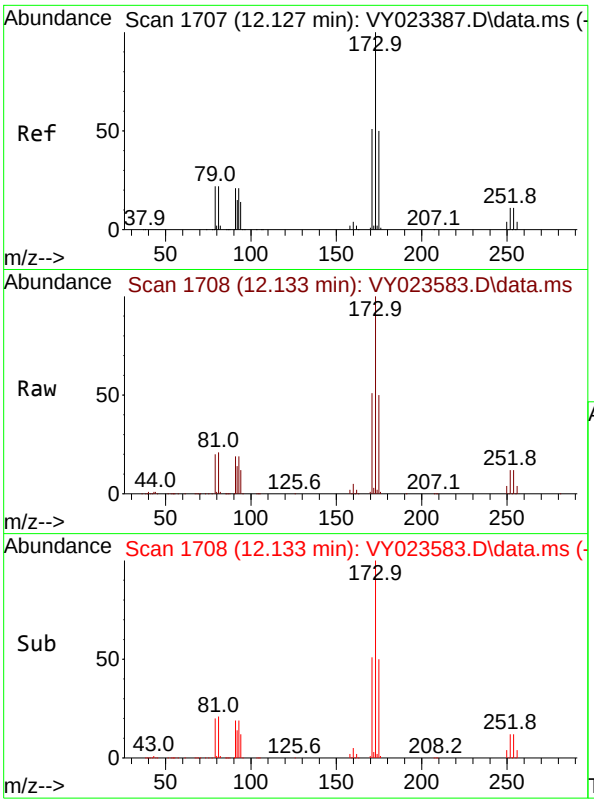


#70
Styrene
Concen: 54.888 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:104 Resp: 799488

Ion	Ratio	Lower	Upper
104	100		
78	44.1	36.1	54.1
103	53.9	43.2	64.8



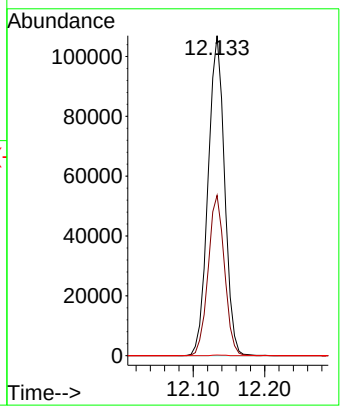


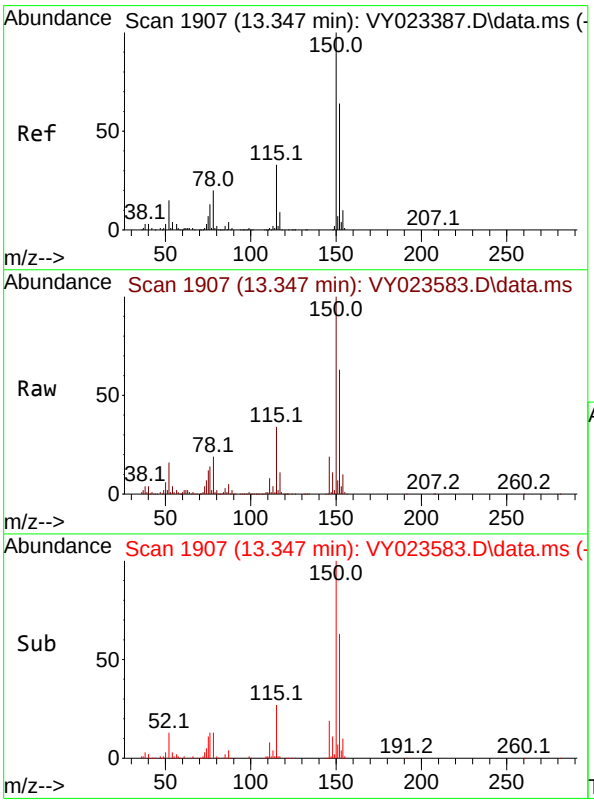
#71
Bromoform
Concen: 53.216 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 171092

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.8	74.3
254	0.1	0.1	0.1#

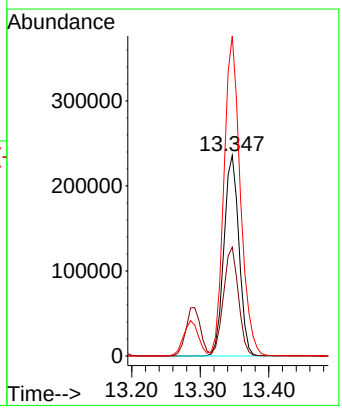


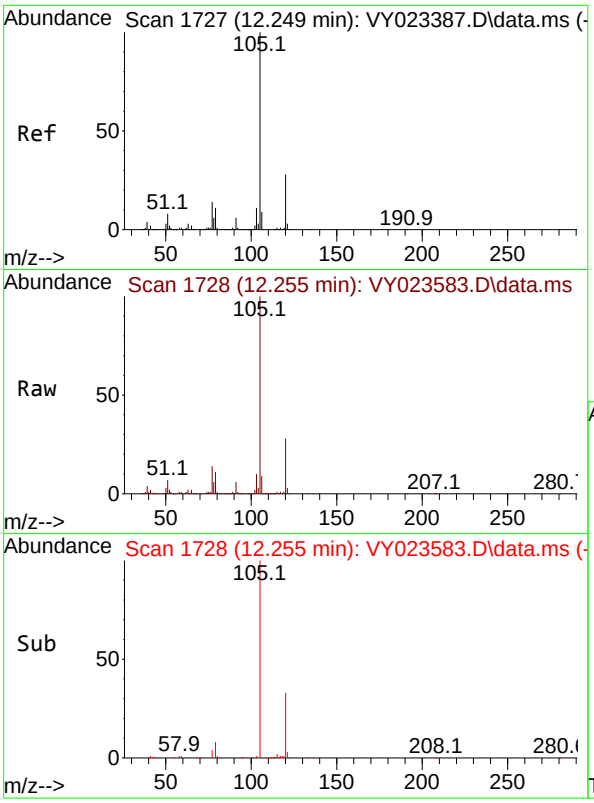


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:152 Resp: 357296

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.1	81.2
150	174.2	0.0	347.4



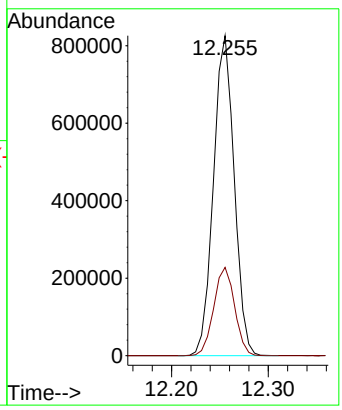


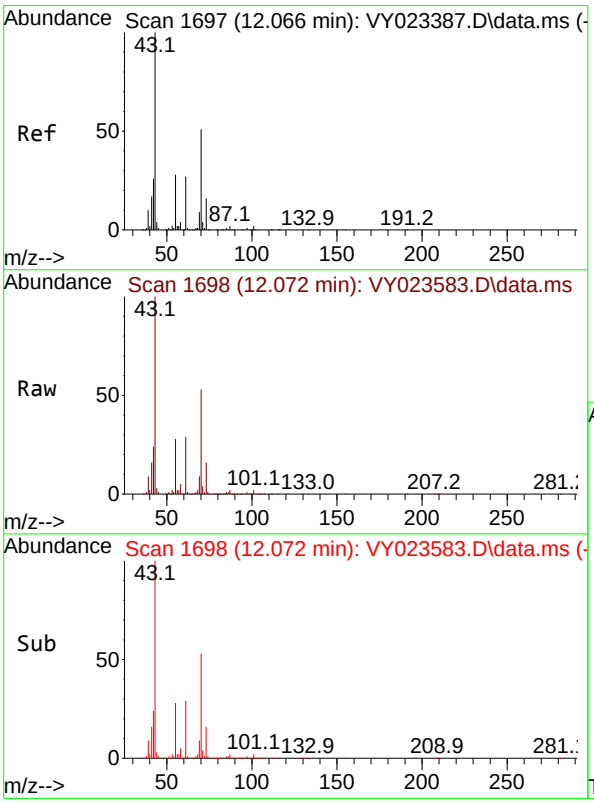
#73
Isopropylbenzene
Concen: 52.194 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1228980

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7

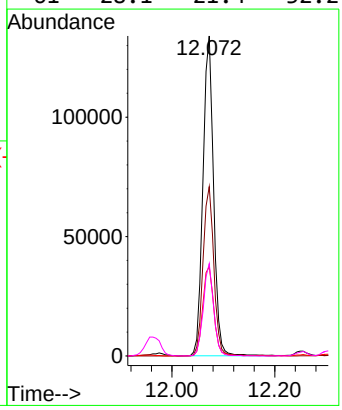


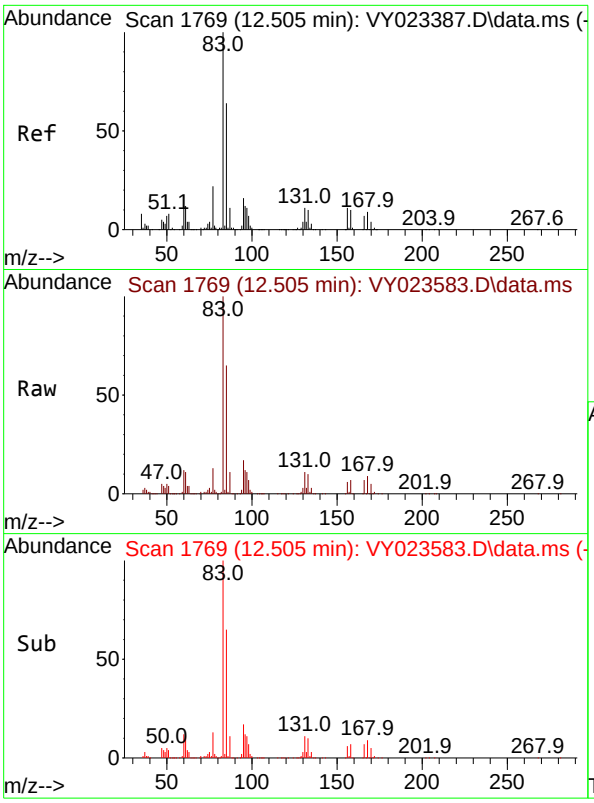


#74
N-amyl acetate
Concen: 45.395 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 43 Resp: 191987

Ion	Ratio	Lower	Upper
43	100		
70	54.1	41.1	61.7
55	29.1	23.0	34.6
61	28.1	21.4	32.2



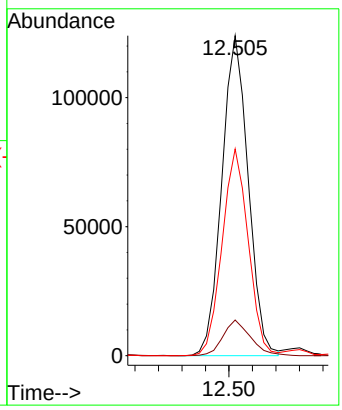


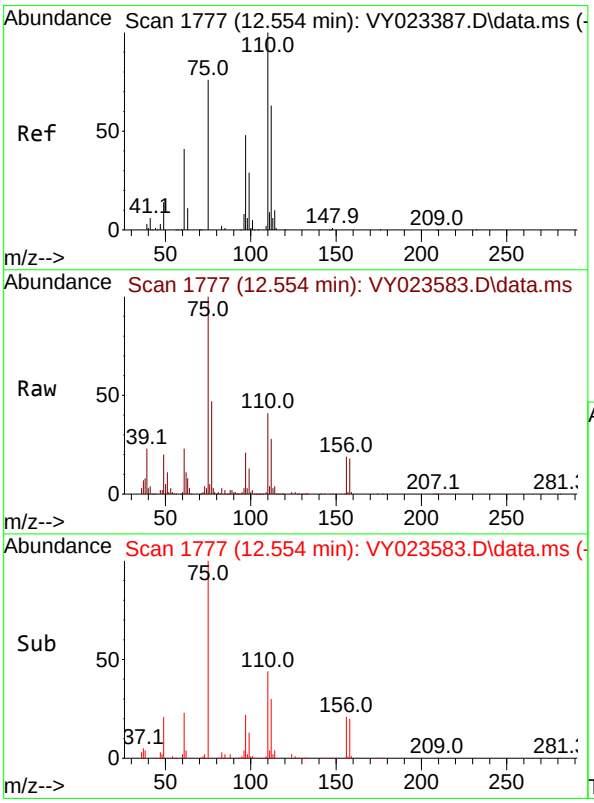
#75
1,1,2,2-Tetrachloroethane
Concen: 50.226 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 193427

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.6
85	64.0	31.8	95.3

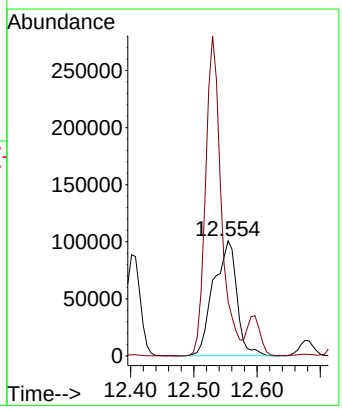


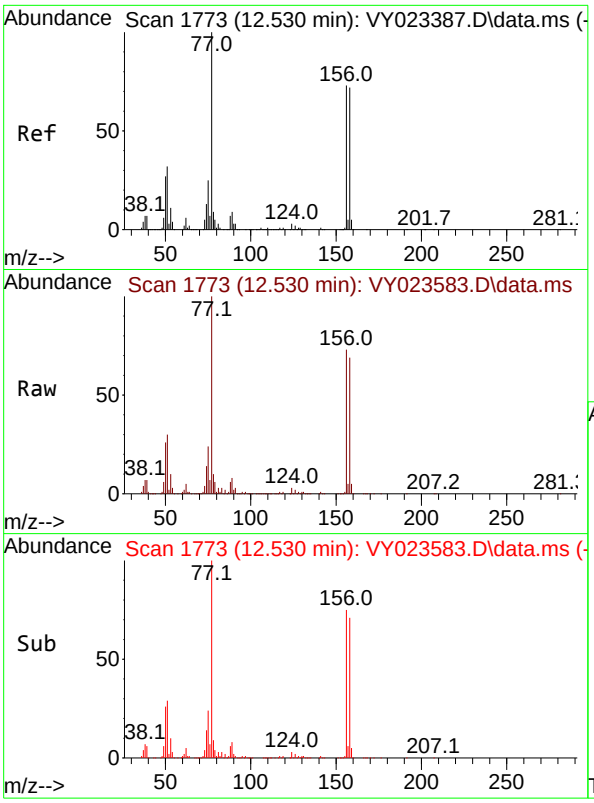


#76
1,2,3-Trichloropropane
Concen: 81.463 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 256795

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



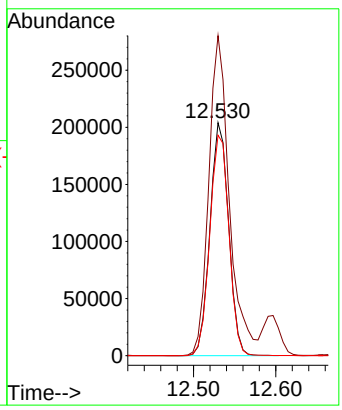


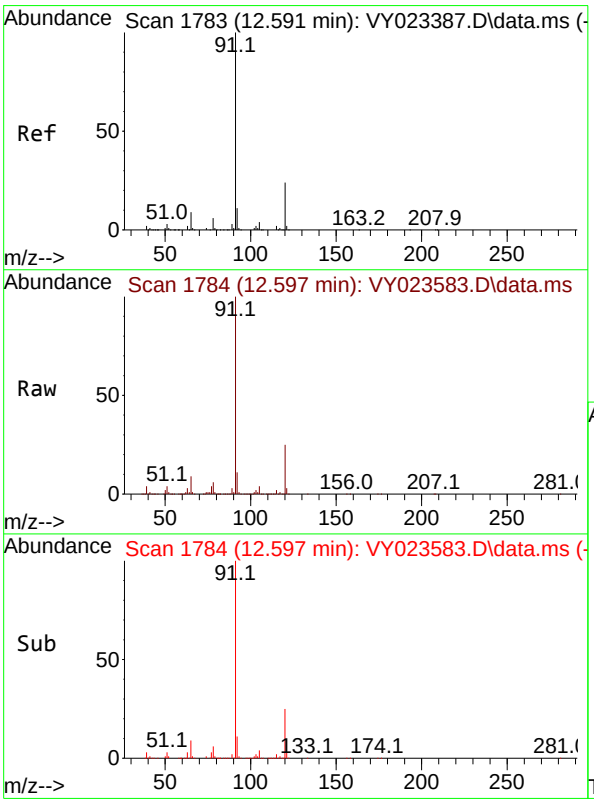
#77
Bromobenzene
Concen: 51.369 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 321558

Ion	Ratio	Lower	Upper
156	100		
77	151.7	76.8	230.5
158	97.1	49.0	147.2

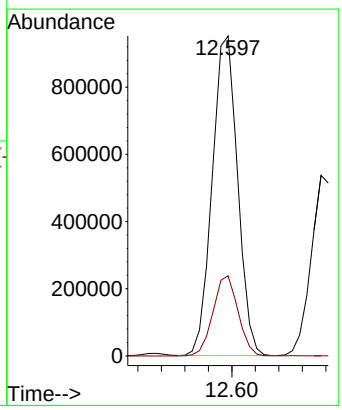


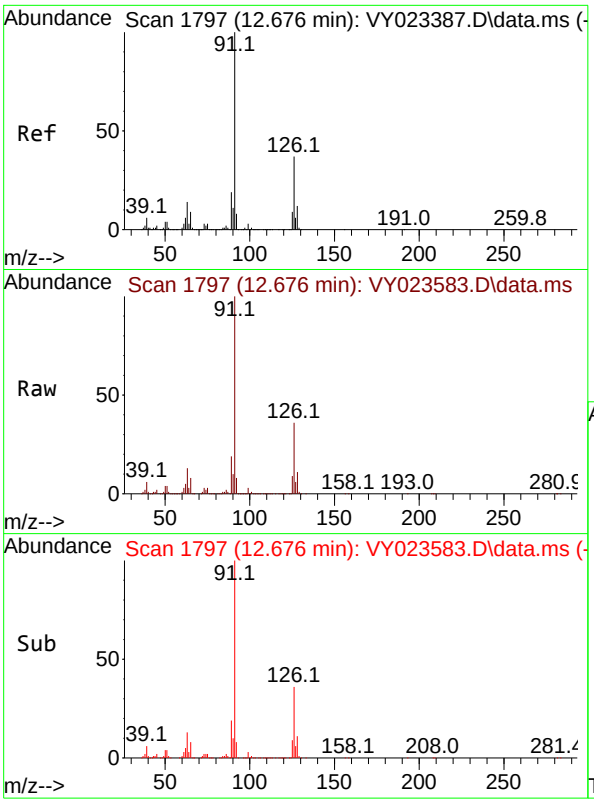


#78
n-propylbenzene
Concen: 52.451 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 1429172

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.8



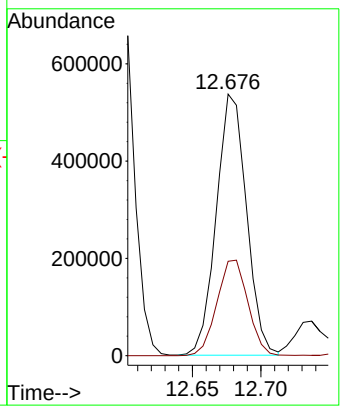


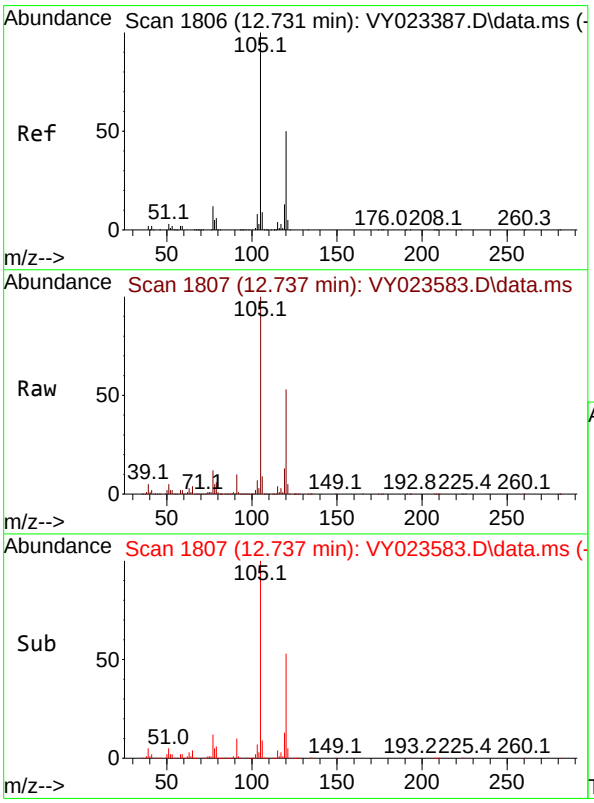
#79
2-Chlorotoluene
Concen: 51.649 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 824123

Ion	Ratio	Lower	Upper
91	100		
126	37.6	18.5	55.5

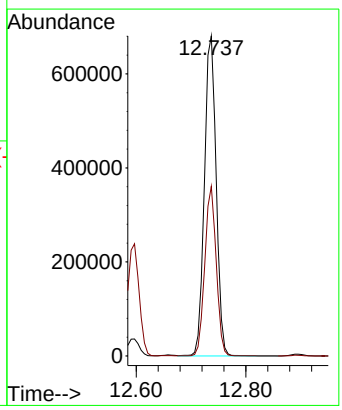


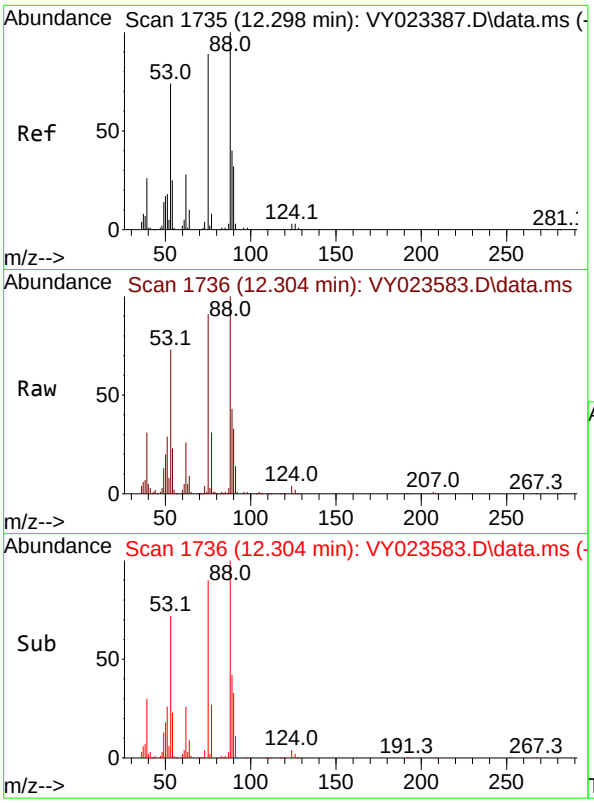


#80
1,3,5-Trimethylbenzene
Concen: 53.013 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 1008678

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.4	76.4



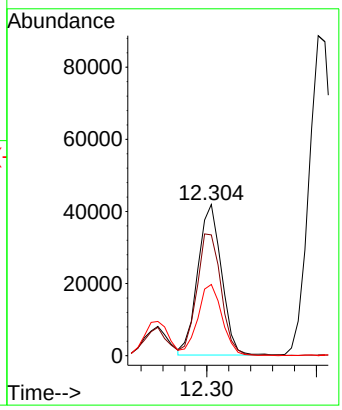


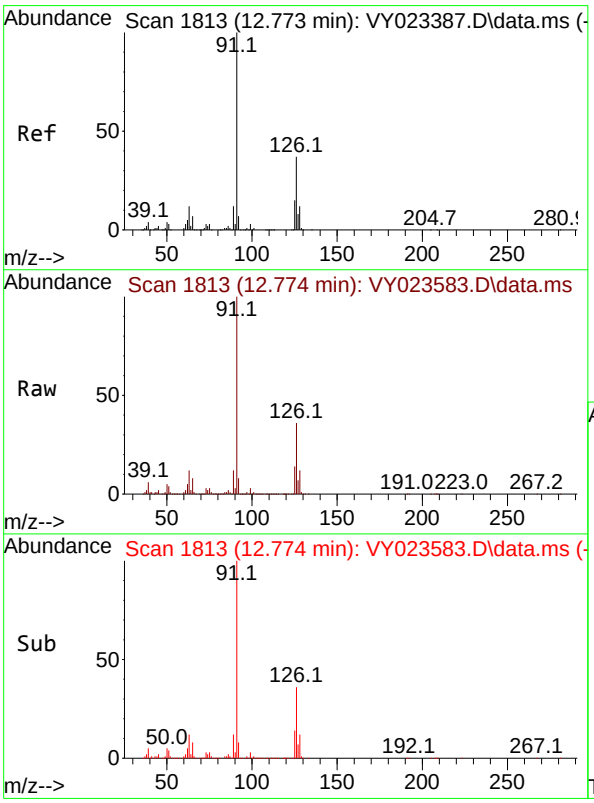
#81
trans-1,4-Dichloro-2-butene
Concen: 48.823 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 62762

Ion	Ratio	Lower	Upper
75	100		
53	82.3	68.6	102.8
89	48.8	39.0	58.4

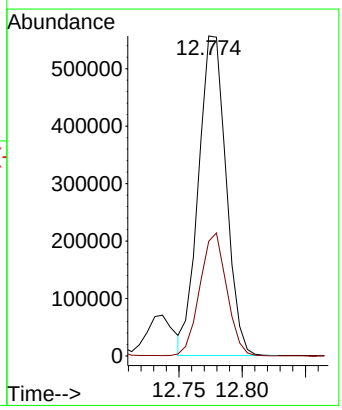


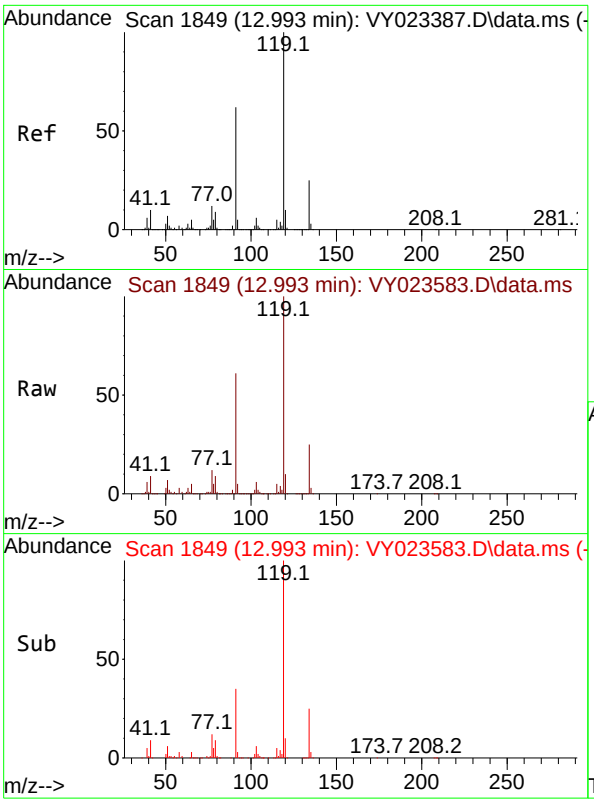


#82
4-Chlorotoluene
Concen: 51.408 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 91 Resp: 844797

Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.4	55.4



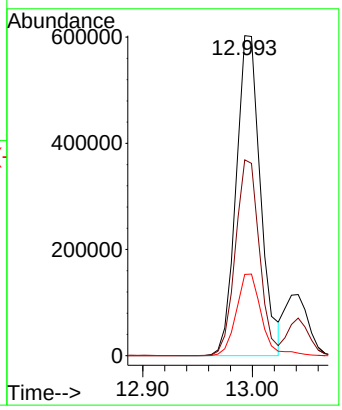


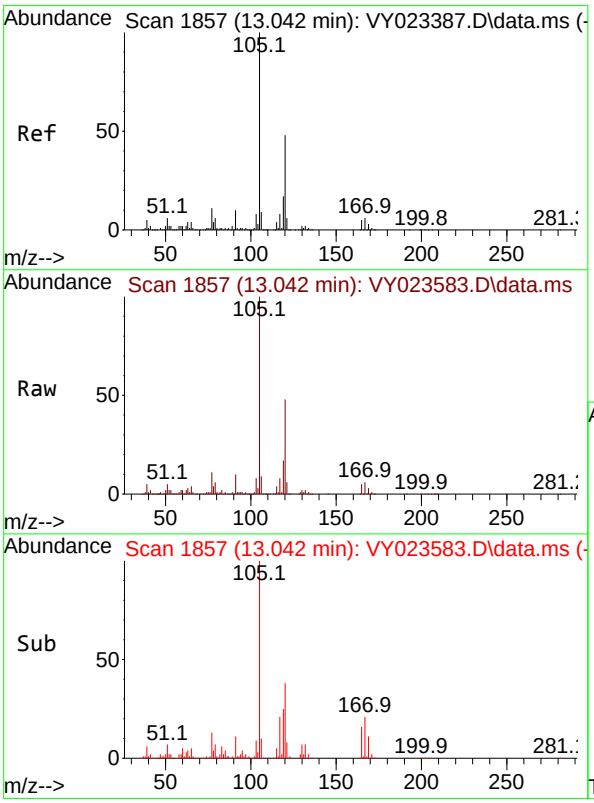
#83
tert-Butylbenzene
Concen: 53.096 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 932779

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.9	89.8
134	26.3	12.9	38.7

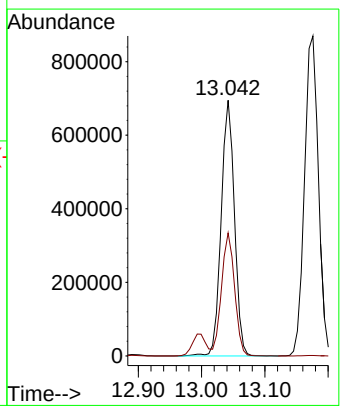


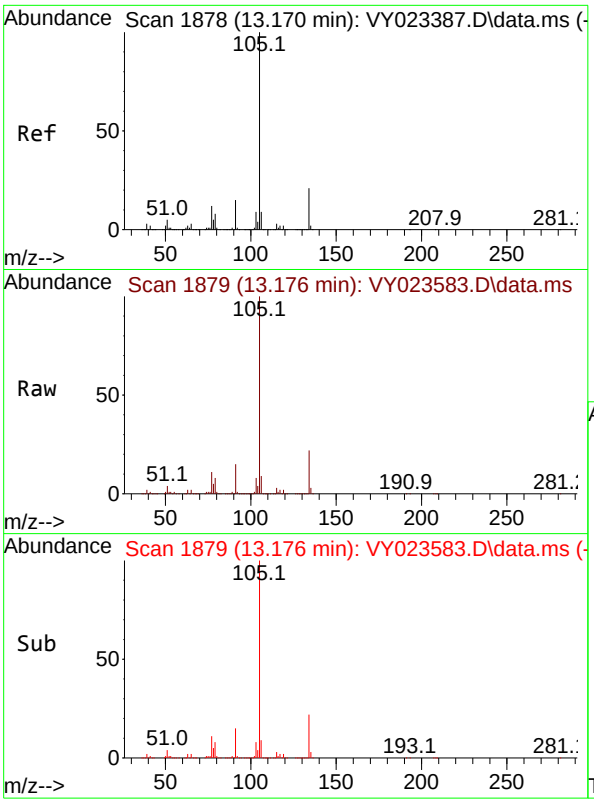


#84
1,2,4-Trimethylbenzene
Concen: 53.080 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:105 Resp: 1007932

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.2



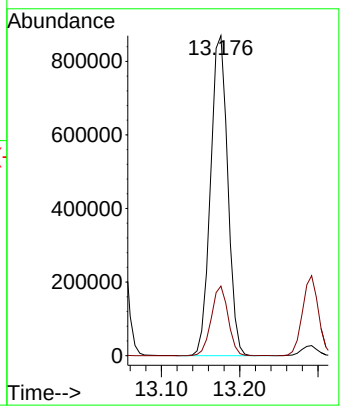


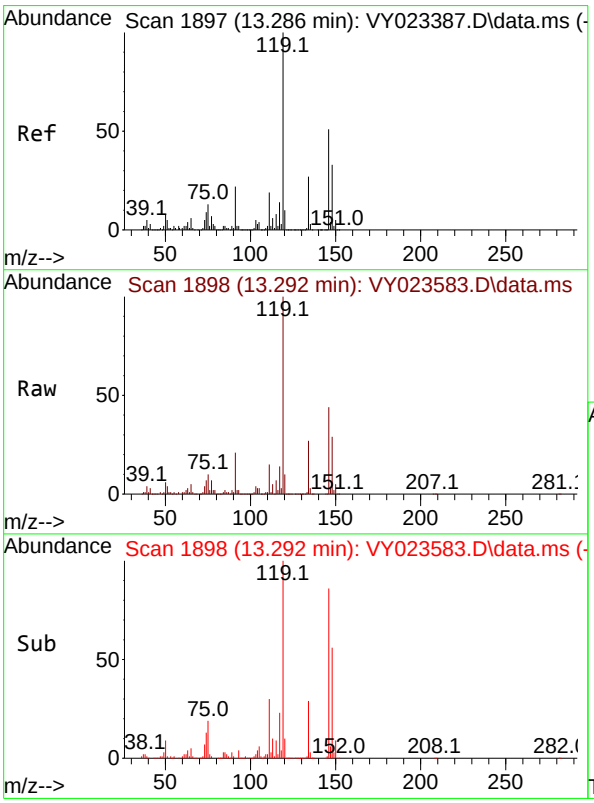
#85
sec-Butylbenzene
Concen: 52.508 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1323261

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

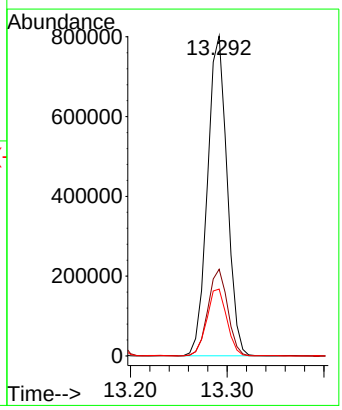


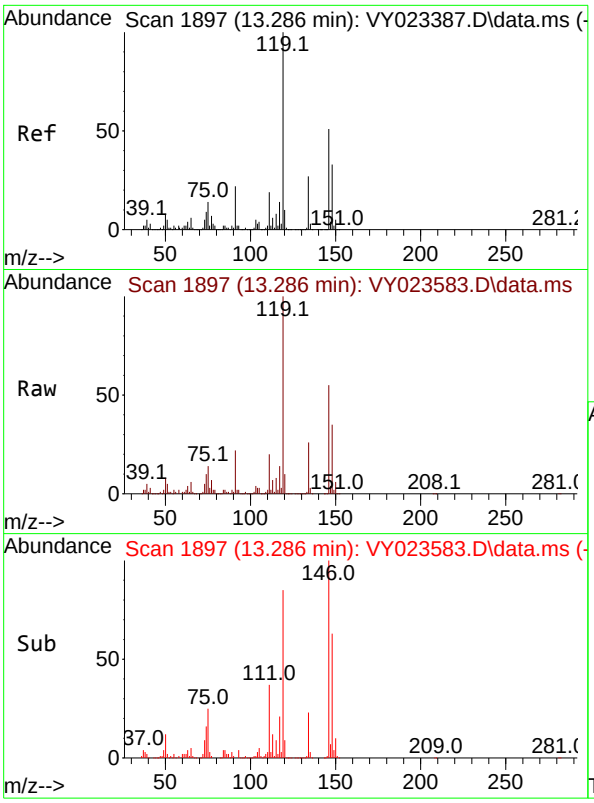


#86
p-Isopropyltoluene
Concen: 52.691 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:119 Resp: 1130580

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.7
91	21.4	10.9	32.9



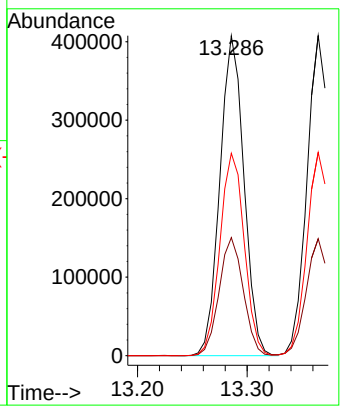


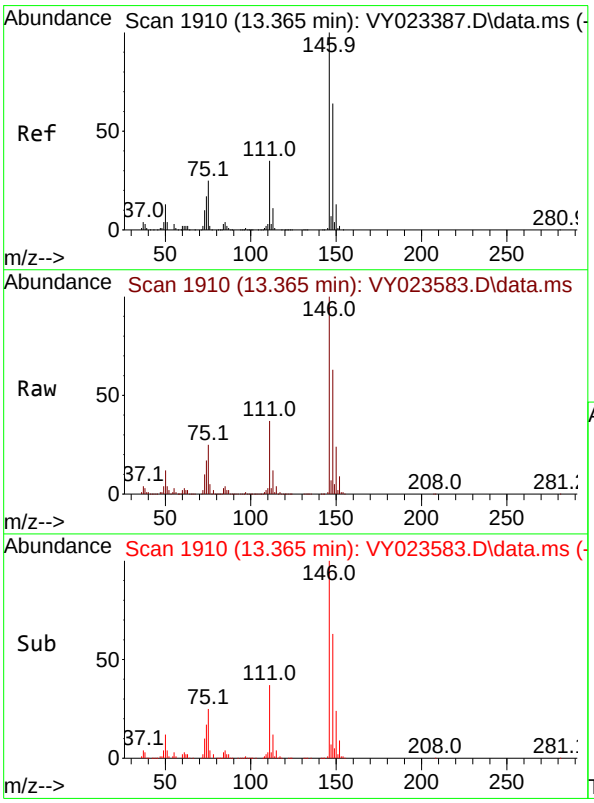
#87
1,3-Dichlorobenzene
Concen: 51.020 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 621919

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	31.9	95.9

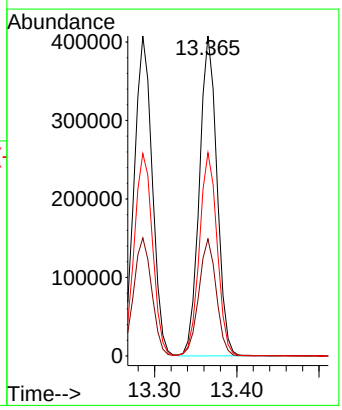


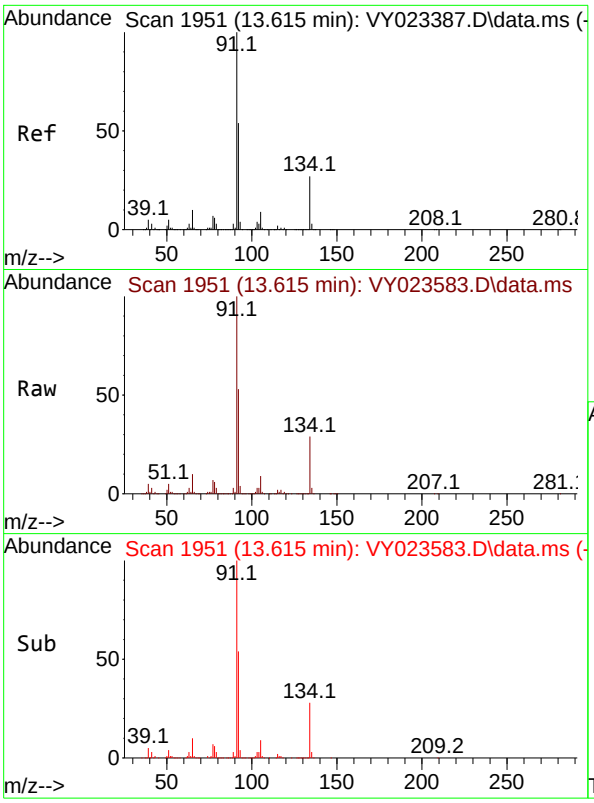


#88
1,4-Dichlorobenzene
Concen: 50.226 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:146 Resp: 604673

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.0	54.0
148	64.0	31.9	95.7



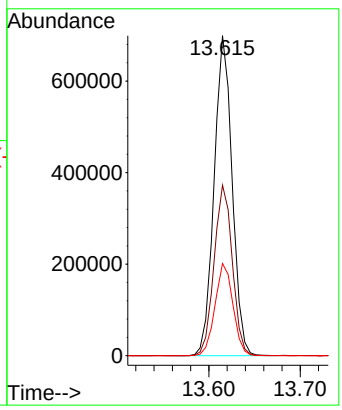


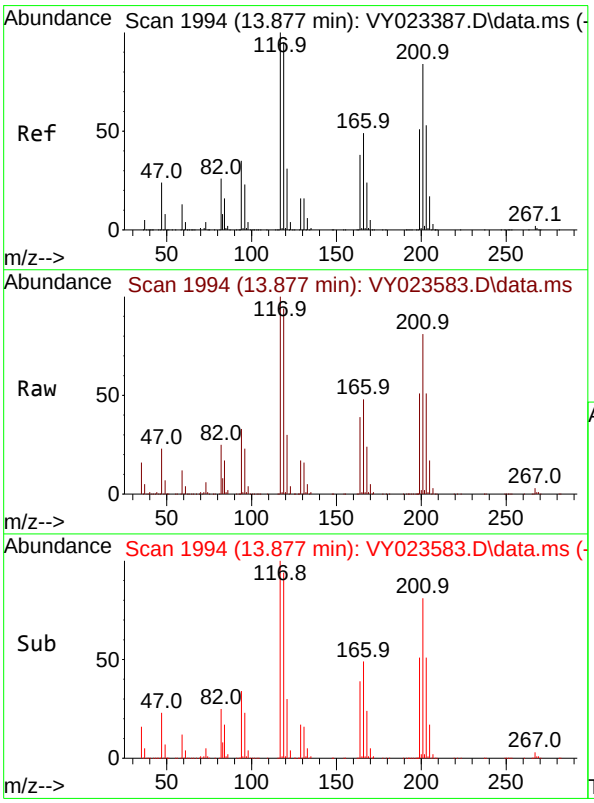
#89
n-Butylbenzene
Concen: 51.258 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 958317

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	28.8	14.1	42.2

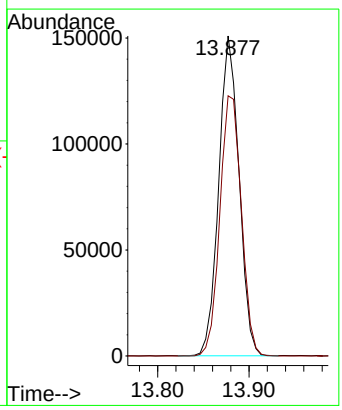


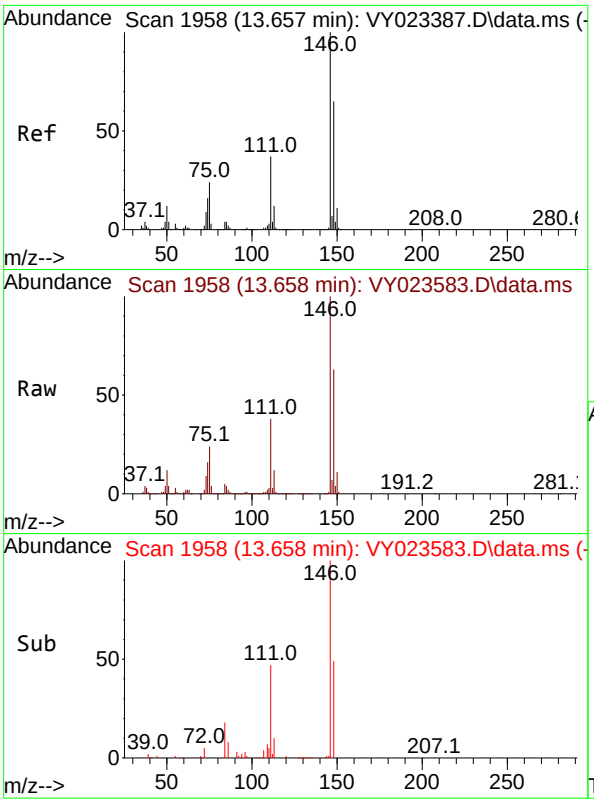


#90
Hexachloroethane
Concen: 50.494 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:117 Resp: 233027

Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.8	131.4



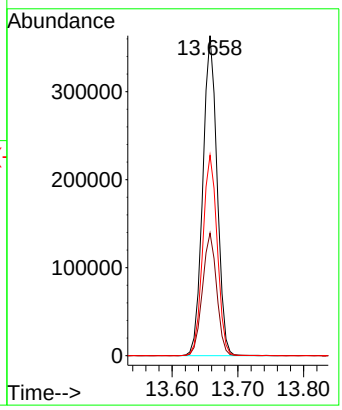


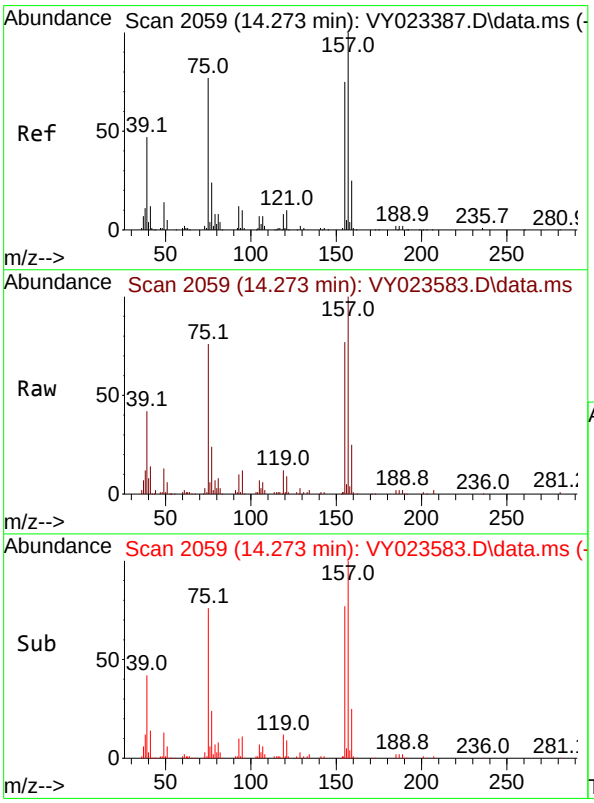
#91
1,2-Dichlorobenzene
Concen: 51.357 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 548852

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.5	32.1	96.3

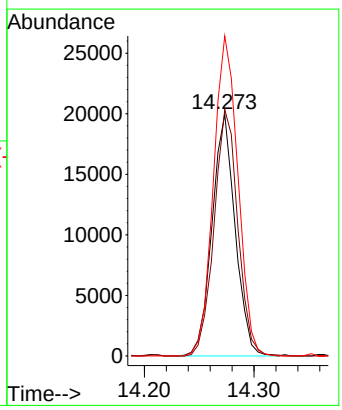


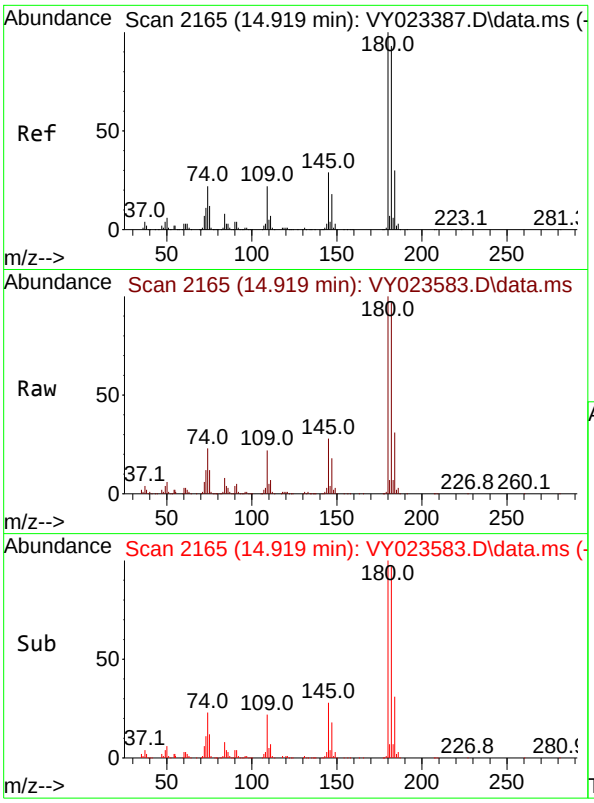


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.303 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion: 75 Resp: 29259

Ion	Ratio	Lower	Upper
75	100		
155	104.4	50.0	150.0
157	140.0	63.8	191.5



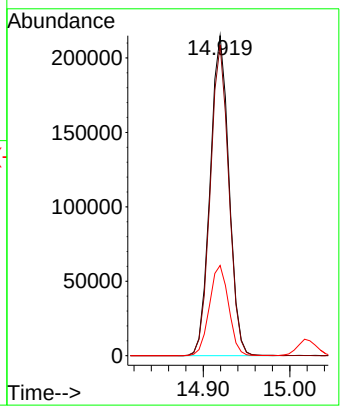


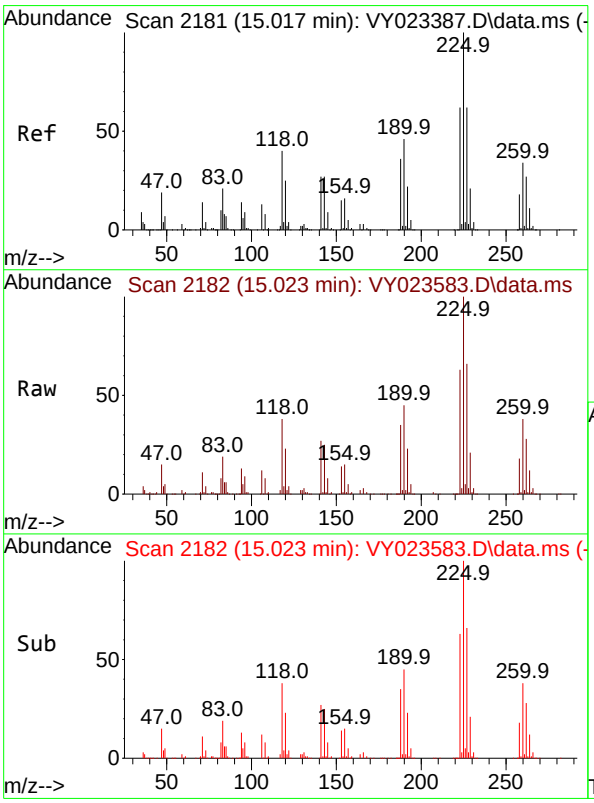
#93
1,2,4-Trichlorobenzene
Concen: 48.700 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 324466

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	28.8	14.7	44.1

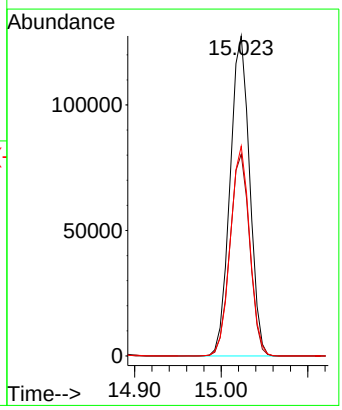


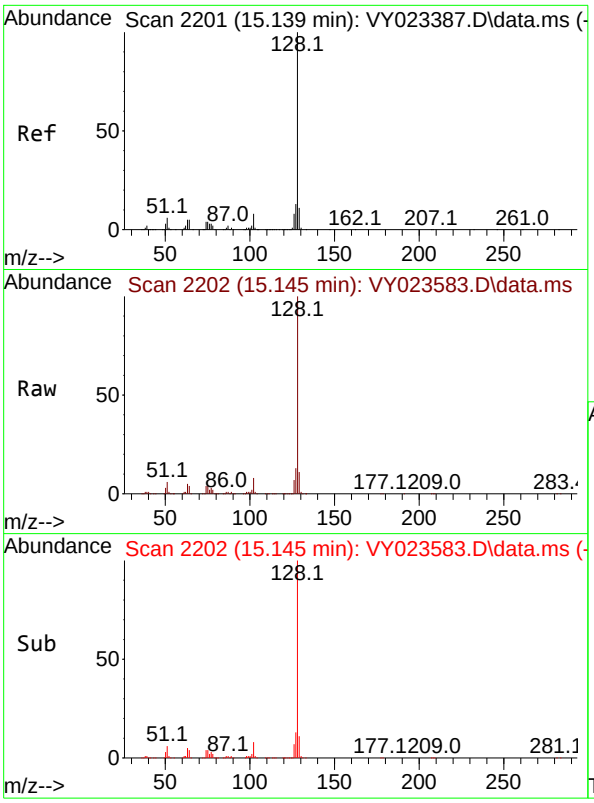


#94
Hexachlorobutadiene
Concen: 48.065 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:225 Resp: 199621

Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.8	92.3
227	65.0	31.9	95.7



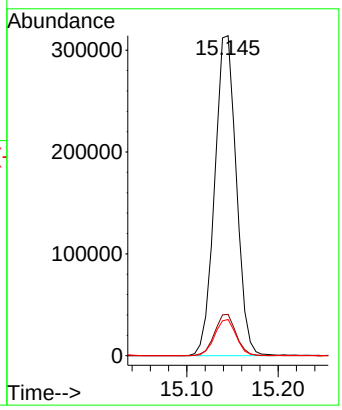


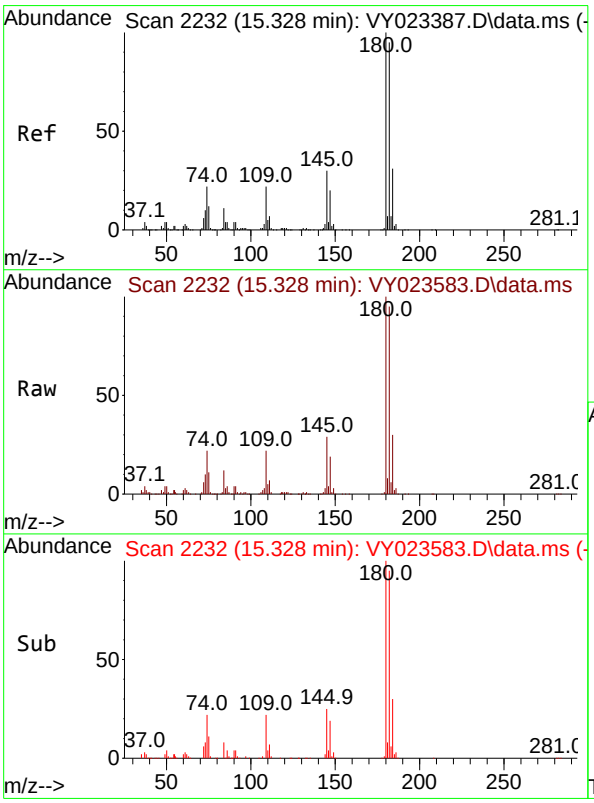
#95
Naphthalene
Concen: 48.814 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 517890

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.2	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 48.298 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023583.D
Acq: 24 Oct 2025 19:06

Tgt Ion:180 Resp: 278723

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.8
145	30.0	15.3	45.9