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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q2162

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2162

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2162-01	BP-VPB-182-GW-580-582
Q2162-02	BP-VPB-182-TB-20250527
Q2162-03	BP-VPB-182-GW-580-582
Q2162-04	BP-VPB-182-GW-600-602
Q2162-05	BP-VPB-182-GW-600-602MS
Q2162-06	BP-VPB-182-GW-600-602MSD
Q2162-07	BP-VPB-182-GW-620-622
Q2162-08	BP-VPB-182-GW-640-642
Q2162-09	BP-VPB-182-DUP-20250528
Q2162-10	BP-VPB-182-EB-20250529

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: 6/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager # Ernie Wu
Order ID # Q2162
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 05/29/2025.
9 Water samples were received on 05/29/2025.

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

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
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.

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VIAL A and B combined to run sample # 04, 05, 06 and 08 as both having much sediment and not possible to run separately.

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

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

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

Signature_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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: Q2162 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 met the requirements.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓
10.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

ADDITIONAL COMMENTS:

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.

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

NA NO YES

VIAL A and B combined to run sample # 04, 05, 06 and 08 as both having much sediment and not possible to run separately.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2162

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

QA Review Signature: SOHIL JODHANI **Date:** 06/05/2025

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LAB CHRONICLE

OrderID:	Q2162	**OrderDate:**	5/30/2025 11:50:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2162-01	**BP-VPB-182-GW-580-582**	**SOIL**			**05/27/25**			**05/29/25**
			VOCMS Group1	8260D			06/03/25	
Q2162-02	**BP-VPB-182-TB-20250527**	**Water**			**05/27/25**			**05/29/25**
			VOCMS Group1	8260-Low			05/30/25	
Q2162-04	**BP-VPB-182-GW-600-602**	**Water**			**05/28/25**			**05/29/25**
			VOCMS Group1	8260-Low			05/30/25	
Q2162-07	**BP-VPB-182-GW-620-622**	**Water**			**05/28/25**			**05/29/25**
			VOCMS Group1	8260-Low			05/30/25	
Q2162-08	**BP-VPB-182-GW-640-642**	**Water**			**05/29/25**			**05/29/25**
			VOCMS Group1	8260-Low			05/30/25	
Q2162-10	**BP-VPB-182-EB-20250529**	**Water**			**05/29/25**			**05/29/25**
			VOCMS Group1	8260-Low			05/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-182-GW-600-602**								
Q2162-04	BP-VPB-182-GW-6	Water	Acetone	12.2		1.50	3.80	5.00	ug/L
			Total Voc :	12.2					
			Total Concentration:	12.2					
Client ID:	**BP-VPB-182-GW-620-622**								
Q2162-07	BP-VPB-182-GW-6	Water	Acetone	12.9		1.50	3.80	5.00	ug/L
			Total Voc :	12.9					
			Total Concentration:	12.9					
Client ID:	**BP-VPB-182-GW-640-642**								
Q2162-08	BP-VPB-182-GW-6	Water	Acetone	28.7		1.50	3.80	5.00	ug/L
			Total Voc :	28.7					
			Total Concentration:	28.7					
Client ID:	**BP-VPB-182-EB-20250529**								
Q2162-10	BP-VPB-182-EB-2(	Water	Acetone	110		1.50	3.80	5.00	ug/L
Q2162-10	BP-VPB-182-EB-2(	Water	Methylene Chloride	2.30		0.28	0.50	1.00	ug/L
Q2162-10	BP-VPB-182-EB-2(	Water	2-Butanone	15.1		0.98	2.50	5.00	ug/L
			Total Voc :	127					
			Total Concentration:	127					

QC SUMMARY

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Surrogate Summary

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2162-01	BP-VPB-182-GW-580-582	1,2-Dichloroethane-d4	50	53.0	106	71	136
		Dibromofluoromethane	50	50.7	101	78	119
		Toluene-d8	50	49.9	100	85	116
		4-Bromofluorobenzene	50	44.6	89	79	119
VY0603SBL01	VY0603SBL01	1,2-Dichloroethane-d4	50	53.5	107	71	136
		Dibromofluoromethane	50	50.9	102	78	119
		Toluene-d8	50	49.9	100	85	116
		4-Bromofluorobenzene	50	42.0	84	79	119
VY0603SBS01	VY0603SBS01	1,2-Dichloroethane-d4	50	50.0	100	71	136
		Dibromofluoromethane	50	51.0	102	78	119
		Toluene-d8	50	51.5	103	85	116
		4-Bromofluorobenzene	50	49.0	98	79	119
VY0603SBSD01	VY0603SBSD01	1,2-Dichloroethane-d4	50	50.7	101	71	136
		Dibromofluoromethane	50	51.5	103	78	119
		Toluene-d8	50	52.6	105	85	116
		4-Bromofluorobenzene	50	50.1	100	79	119

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Surrogate Summary

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2162-02	BP-VPB-182-TB-20250527	1,2-Dichloroethane-d4	50	54.5	109	81	118
		Dibromofluoromethane	50	51.1	102	80	119
		Toluene-d8	50	50.3	101	89	112
		4-Bromofluorobenzene	50	51.4	103	85	114
Q2162-04	BP-VPB-182-GW-600-602	1,2-Dichloroethane-d4	50	55.3	110	81	118
		Dibromofluoromethane	50	51.4	103	80	119
		Toluene-d8	50	49.0	98	89	112
		4-Bromofluorobenzene	50	49.3	99	85	114
Q2162-05MS	BP-VPB-182-GW-600-602MS	1,2-Dichloroethane-d4	50	51.3	103	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	47.9	96	89	112
		4-Bromofluorobenzene	50	50.6	101	85	114
Q2162-06MSD	BP-VPB-182-GW-600-602MSD	1,2-Dichloroethane-d4	50	51.7	103	81	118
		Dibromofluoromethane	50	51.9	104	80	119
		Toluene-d8	50	48.8	98	89	112
		4-Bromofluorobenzene	50	52.3	105	85	114
Q2162-07	BP-VPB-182-GW-620-622	1,2-Dichloroethane-d4	50	54.1	108	81	118
		Dibromofluoromethane	50	50.5	101	80	119
		Toluene-d8	50	49.8	100	89	112
		4-Bromofluorobenzene	50	48.5	97	85	114
Q2162-08	BP-VPB-182-GW-640-642	1,2-Dichloroethane-d4	50	54.8	110	81	118
		Dibromofluoromethane	50	51.6	103	80	119
		Toluene-d8	50	50.5	101	89	112
		4-Bromofluorobenzene	50	50.7	101	85	114
Q2162-10	BP-VPB-182-EB-20250529	1,2-Dichloroethane-d4	50	54.7	109	81	118
		Dibromofluoromethane	50	51.2	102	80	119
		Toluene-d8	50	50.9	102	89	112
		4-Bromofluorobenzene	50	49.5	99	85	114
VX0530WBL01	VX0530WBL01	1,2-Dichloroethane-d4	50	54.0	108	81	118
		Dibromofluoromethane	50	50.2	100	80	119
		Toluene-d8	50	50.1	100	89	112
		4-Bromofluorobenzene	50	50.8	102	85	114
VX0530WBS01	VX0530WBS01	1,2-Dichloroethane-d4	50	49.9	100	81	118
		Dibromofluoromethane	50	50.4	101	80	119
		Toluene-d8	50	47.8	96	89	112
		4-Bromofluorobenzene	50	49.4	99	85	114

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2162-05MS		**Client Sample ID : BP-VPB-182-GW-600-602MS**						**Datafile :** VX046429.D			
Chloromethane	50	0	53.2	ug/L	106				50	139	
Vinyl chloride	50	0	51.7	ug/L	103				58	137	
Bromomethane	50	0	50.6	ug/L	101				53	141	
Chloroethane	50	0	53.7	ug/L	107				60	138	
Trichlorofluoromethane	50	0	53.2	ug/L	106				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	54.4	ug/L	109				70	136	
1,1-Dichloroethene	50	0	53.6	ug/L	107				71	131	
Acetone	250	12.2	310	ug/L	119				39	160	
Carbon disulfide	50	0	48.6	ug/L	97				64	133	
Methyl tert-butyl Ether	50	0	57.2	ug/L	114				71	124	
Methylene Chloride	50	0	52.9	ug/L	106				74	124	
trans-1,2-Dichloroethene	50	0	54.0	ug/L	108				75	124	
1,1-Dichloroethane	50	0	57.2	ug/L	114				77	125	
2-Butanone	250	0	310	ug/L	124				56	143	
Carbon Tetrachloride	50	0	52.3	ug/L	105				72	136	
cis-1,2-Dichloroethene	50	0	55.9	ug/L	112				78	123	
Chloroform	50	0	57.4	ug/L	115				79	124	
1,1,1-Trichloroethane	50	0	55.7	ug/L	111				74	131	
Methylcyclohexane	50	0	50.7	ug/L	101				72	132	
Benzene	50	0	54.3	ug/L	109				79	120	
1,2-Dichloroethane	50	0	55.3	ug/L	111				73	128	
Trichloroethene	50	0	53.2	ug/L	106				79	123	
1,2-Dichloropropane	50	0	56.3	ug/L	113				78	122	
Bromodichloromethane	50	0	56.5	ug/L	113				79	125	
4-Methyl-2-Pentanone	250	0	310	ug/L	124				67	130	
Toluene	50	0	54.3	ug/L	109				80	121	
t-1,3-Dichloropropene	50	0	54.0	ug/L	108				73	127	
cis-1,3-Dichloropropene	50	0	54.1	ug/L	108				75	124	
1,1,2-Trichloroethane	50	0	56.4	ug/L	113				80	119	
2-Hexanone	250	0	320	ug/L	128				57	139	
Dibromochloromethane	50	0	57.3	ug/L	115				74	126	
Tetrachloroethene	50	0	54.4	ug/L	109				74	129	
Chlorobenzene	50	0	53.1	ug/L	106				82	118	
Ethyl Benzene	50	0	54.9	ug/L	110				79	121	
m/p-Xylenes	100	0	110	ug/L	110				80	121	
o-Xylene	50	0	56.3	ug/L	113				78	122	
Styrene	50	0	56.9	ug/L	114				78	123	
Bromoform	50	0	56.8	ug/L	114				66	130	
Isopropylbenzene	50	0	53.4	ug/L	107				72	131	
1,1,2,2-Tetrachloroethane	50	0	52.4	ug/L	105				71	121	
1,3-Dichlorobenzene	50	0	51.9	ug/L	104				80	119	
1,4-Dichlorobenzene	50	0	50.7	ug/L	101				79	118	
1,2-Dichlorobenzene	50	0	52.9	ug/L	106				80	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2162-06MSD	**Client Sample ID : BP-VPB-182-GW-600-602MSD**							**Datafile :** VX046430.D			
Chloromethane	50	0	51.9	ug/L	104		2		50	139	20
Vinyl chloride	50	0	50.8	ug/L	102		2		58	137	20
Bromomethane	50	0	51.7	ug/L	103		2		53	141	20
Chloroethane	50	0	54.6	ug/L	109		2		60	138	20
Trichlorofluoromethane	50	0	53.5	ug/L	107		1		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	54.3	ug/L	109		0		70	136	20
1,1-Dichloroethene	50	0	54.0	ug/L	108		1		71	131	20
Acetone	250	12.2	310	ug/L	119		0		39	160	20
Carbon disulfide	50	0	50.0	ug/L	100		3		64	133	20
Methyl tert-butyl Ether	50	0	57.8	ug/L	116		1		71	124	20
Methylene Chloride	50	0	53.2	ug/L	106		1		74	124	20
trans-1,2-Dichloroethene	50	0	54.8	ug/L	110		1		75	124	20
1,1-Dichloroethane	50	0	57.9	ug/L	116		1		77	125	20
2-Butanone	250	0	310	ug/L	124		0		56	143	20
Carbon Tetrachloride	50	0	53.3	ug/L	107		2		72	136	20
cis-1,2-Dichloroethene	50	0	55.4	ug/L	111		1		78	123	20
Chloroform	50	0	57.4	ug/L	115		0		79	124	20
1,1,1-Trichloroethane	50	0	57.1	ug/L	114		2		74	131	20
Methylcyclohexane	50	0	50.5	ug/L	101		0		72	132	20
Benzene	50	0	54.5	ug/L	109		0		79	120	20
1,2-Dichloroethane	50	0	55.0	ug/L	110		1		73	128	20
Trichloroethene	50	0	53.5	ug/L	107		1		79	123	20
1,2-Dichloropropane	50	0	57.4	ug/L	115		2		78	122	20
Bromodichloromethane	50	0	57.0	ug/L	114		1		79	125	20
4-Methyl-2-Pentanone	250	0	310	ug/L	124		0		67	130	20
Toluene	50	0	54.9	ug/L	110		1		80	121	20
t-1,3-Dichloropropene	50	0	55.2	ug/L	110		2		73	127	20
cis-1,3-Dichloropropene	50	0	55.3	ug/L	111		2		75	124	20
1,1,2-Trichloroethane	50	0	56.8	ug/L	114		1		80	119	20
2-Hexanone	250	0	320	ug/L	128		0		57	139	20
Dibromochloromethane	50	0	58.7	ug/L	117		2		74	126	20
Tetrachloroethene	50	0	54.1	ug/L	108		1		74	129	20
Chlorobenzene	50	0	53.7	ug/L	107		1		82	118	20
Ethyl Benzene	50	0	56.1	ug/L	112		2		79	121	20
m/p-Xylenes	100	0	110	ug/L	110		0		80	121	20
o-Xylene	50	0	56.5	ug/L	113		0		78	122	20
Styrene	50	0	58.2	ug/L	116		2		78	123	20
Bromoform	50	0	57.2	ug/L	114		1		66	130	20
Isopropylbenzene	50	0	56.1	ug/L	112		5		72	131	20
1,1,2,2-Tetrachloroethane	50	0	54.8	ug/L	110		4		71	121	20
1,3-Dichlorobenzene	50	0	54.7	ug/L	109		5		80	119	20
1,4-Dichlorobenzene	50	0	53.4	ug/L	107		5		79	118	20
1,2-Dichlorobenzene	50	0	55.4	ug/L	111		5		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low **Datafile :** VX046412.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0530WBS01	Chloromethane	20	16.7	ug/L	84			50	139	
	Vinyl chloride	20	16.5	ug/L	83			58	137	
	Bromomethane	20	17.1	ug/L	86			53	141	
	Chloroethane	20	18.3	ug/L	92			60	138	
	Trichlorofluoromethane	20	18.4	ug/L	92			65	141	
	1,1,2-Trichlorotrifluoroethane	20	19.0	ug/L	95			70	136	
	1,1-Dichloroethene	20	17.9	ug/L	90			71	131	
	Acetone	100	110	ug/L	110			39	160	
	Carbon disulfide	20	14.2	ug/L	71			64	133	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			71	124	
	Methylene Chloride	20	18.2	ug/L	91			74	124	
	trans-1,2-Dichloroethene	20	18.0	ug/L	90			75	124	
	1,1-Dichloroethane	20	19.6	ug/L	98			77	125	
	2-Butanone	100	110	ug/L	110			56	143	
	Carbon Tetrachloride	20	18.7	ug/L	94			72	136	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			78	123	
	Chloroform	20	20.5	ug/L	103			79	124	
	1,1,1-Trichloroethane	20	19.4	ug/L	97			74	131	
	Methylcyclohexane	20	16.9	ug/L	85			72	132	
	Benzene	20	19.3	ug/L	97			79	120	
	1,2-Dichloroethane	20	19.9	ug/L	100			73	128	
	Trichloroethene	20	18.8	ug/L	94			79	123	
	1,2-Dichloropropane	20	20.6	ug/L	103			78	122	
	Bromodichloromethane	20	20.1	ug/L	101			79	125	
	4-Methyl-2-Pentanone	100	110	ug/L	110			67	130	
	Toluene	20	19.2	ug/L	96			80	121	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			73	127	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			75	124	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			80	119	
	2-Hexanone	100	110	ug/L	110			57	139	
	Dibromochloromethane	20	20.8	ug/L	104			74	126	
	Tetrachloroethene	20	18.4	ug/L	92			74	129	
	Chlorobenzene	20	19.1	ug/L	96			82	118	
	Ethyl Benzene	20	19.4	ug/L	97			79	121	
	m/p-Xylenes	40	38.0	ug/L	95			80	121	
	o-Xylene	20	19.7	ug/L	99			78	122	
	Styrene	20	19.8	ug/L	99			78	123	
	Bromoform	20	19.6	ug/L	98			66	130	
	Isopropylbenzene	20	19.8	ug/L	99			72	131	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99			71	121	
	1,3-Dichlorobenzene	20	19.1	ug/L	96			80	119	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			79	118	
	1,2-Dichlorobenzene	20	19.9	ug/L	100			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D **Datafile :** VY022513.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0603SBS01	Chloromethane	20	18.4	ug/Kg	92			50	136	
	Vinyl chloride	20	20.8	ug/Kg	104			56	135	
	Bromomethane	20	20.2	ug/Kg	101			53	143	
	Chloroethane	20	21.3	ug/Kg	106			59	139	
	Trichlorofluoromethane	20	22.2	ug/Kg	111			62	140	
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/Kg	106			66	136	
	1,1-Dichloroethene	20	21.2	ug/Kg	106			70	131	
	Acetone	100	140	ug/Kg	140			36	164	
	Carbon disulfide	20	20.8	ug/Kg	104			63	132	
	Methyl tert-butyl Ether	20	20.3	ug/Kg	102			73	125	
	Methylene Chloride	20	18.5	ug/Kg	93			70	128	
	trans-1,2-Dichloroethene	20	20.6	ug/Kg	103			74	125	
	1,1-Dichloroethane	20	21.2	ug/Kg	106			76	125	
	2-Butanone	100	120	ug/Kg	120			51	148	
	Carbon Tetrachloride	20	20.2	ug/Kg	101			70	135	
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103			77	123	
	Chloroform	20	21.1	ug/Kg	106			78	123	
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106			73	130	
	Methylcyclohexane	20	19.8	ug/Kg	99			66	133	
	Benzene	20	20.7	ug/Kg	104			77	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			73	128	
	Trichloroethene	20	21.3	ug/Kg	106			77	123	
	1,2-Dichloropropane	20	20.9	ug/Kg	104			76	123	
	Bromodichloromethane	20	20.8	ug/Kg	104			75	127	
	4-Methyl-2-Pentanone	100	96.0	ug/Kg	96			65	135	
	Toluene	20	20.1	ug/Kg	101			77	121	
	t-1,3-Dichloropropene	20	19.7	ug/Kg	99			71	130	
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103			74	126	
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101			78	121	
	2-Hexanone	100	110	ug/Kg	110			53	145	
	Dibromochloromethane	20	19.8	ug/Kg	99			74	126	
	Tetrachloroethene	20	21.2	ug/Kg	106			73	128	
	Chlorobenzene	20	20.3	ug/Kg	102			79	120	
	Ethyl Benzene	20	20.3	ug/Kg	102			76	122	
	m/p-Xylenes	40	40.2	ug/Kg	101			77	124	
	o-Xylene	20	20.0	ug/Kg	100			77	123	
	Styrene	20	19.9	ug/Kg	100			76	124	
	Bromoform	20	18.6	ug/Kg	93			67	132	
	Isopropylbenzene	20	20.1	ug/Kg	101			68	134	
	1,1,2,2-Tetrachloroethane	20	18.6	ug/Kg	93			70	124	
	1,3-Dichlorobenzene	20	19.4	ug/Kg	97			77	121	
	1,4-Dichlorobenzene	20	20.0	ug/Kg	100			75	120	
	1,2-Dichlorobenzene	20	19.8	ug/Kg	99			78	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2162

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260D **Datafile :** VY022514.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0603SBSD01	Chloromethane	20	22.2	ug/Kg	111	19		50	136	20
	Vinyl chloride	20	22.2	ug/Kg	111	7		56	135	20
	Bromomethane	20	21.2	ug/Kg	106	5		53	143	20
	Chloroethane	20	21.6	ug/Kg	108	2		59	139	20
	Trichlorofluoromethane	20	21.2	ug/Kg	106	5		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/Kg	101	5		66	136	20
	1,1-Dichloroethene	20	21.7	ug/Kg	109	3		70	131	20
	Acetone	100	120	ug/Kg	120	15		36	164	20
	Carbon disulfide	20	21.3	ug/Kg	106	2		63	132	20
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103	1		73	125	20
	Methylene Chloride	20	19.3	ug/Kg	97	4		70	128	20
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104	1		74	125	20
	1,1-Dichloroethane	20	21.1	ug/Kg	106	0		76	125	20
	2-Butanone	100	110	ug/Kg	110	9		51	148	20
	Carbon Tetrachloride	20	20.9	ug/Kg	104	3		70	135	20
	cis-1,2-Dichloroethene	20	21.4	ug/Kg	107	4		77	123	20
	Chloroform	20	21.6	ug/Kg	108	2		78	123	20
	1,1,1-Trichloroethane	20	21.2	ug/Kg	106	0		73	130	20
	Methylcyclohexane	20	20.3	ug/Kg	102	3		66	133	20
	Benzene	20	21.0	ug/Kg	105	1		77	121	20
	1,2-Dichloroethane	20	21.0	ug/Kg	105	3		73	128	20
	Trichloroethene	20	21.5	ug/Kg	108	2		77	123	20
	1,2-Dichloropropane	20	20.7	ug/Kg	104	0		76	123	20
	Bromodichloromethane	20	21.0	ug/Kg	105	1		75	127	20
	4-Methyl-2-Pentanone	100	96.9	ug/Kg	97	1		65	135	20
	Toluene	20	20.5	ug/Kg	103	2		77	121	20
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100	1		71	130	20
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103	0		74	126	20
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103	2		78	121	20
	2-Hexanone	100	98.4	ug/Kg	98	12		53	145	20
	Dibromochloromethane	20	20.2	ug/Kg	101	2		74	126	20
	Tetrachloroethene	20	21.3	ug/Kg	106	0		73	128	20
	Chlorobenzene	20	21.1	ug/Kg	106	4		79	120	20
	Ethyl Benzene	20	20.8	ug/Kg	104	2		76	122	20
	m/p-Xylenes	40	41.3	ug/Kg	103	2		77	124	20
	o-Xylene	20	20.7	ug/Kg	104	4		77	123	20
	Styrene	20	20.6	ug/Kg	103	3		76	124	20
	Bromoform	20	19.9	ug/Kg	100	7		67	132	20
	Isopropylbenzene	20	21.1	ug/Kg	106	5		68	134	20
	1,1,2,2-Tetrachloroethane	20	20.0	ug/Kg	100	7		70	124	20
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103	6		77	121	20
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104	4		75	120	20
	1,2-Dichlorobenzene	20	20.9	ug/Kg	104	5		78	121	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0530WBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VX046411.D Lab Sample ID: VX0530WBL01

Date Analyzed: 05/30/2025 Time Analyzed: 11:06

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
VX0530WBS01	VX0530WBS01	VX046412.D	05/30/2025
BP-VPB-182-TB-20250527	Q2162-02	VX046421.D	05/30/2025
BP-VPB-182-GW-620-622	Q2162-07	VX046423.D	05/30/2025
BP-VPB-182-GW-640-642	Q2162-08	VX046424.D	05/30/2025
BP-VPB-182-EB-20250529	Q2162-10	VX046427.D	05/30/2025
BP-VPB-182-GW-600-602	Q2162-04	VX046428.D	05/30/2025
BP-VPB-182-GW-600-602MS	Q2162-05MS	VX046429.D	05/30/2025
BP-VPB-182-GW-600-602MSD	Q2162-06MSD	VX046430.D	05/30/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0603SBL01

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VY022512.D Lab Sample ID: VY0603SBL01

Date Analyzed: 06/03/2025 Time Analyzed: 10:40

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
VY0603SBS01	VY0603SBS01	VY022513.D	06/03/2025
VY0603SBSD01	VY0603SBSD01	VY022514.D	06/03/2025
BP-VPB-182-GW-580-582	Q2162-01	VY022524.D	06/03/2025

COMMENTS:

Alliance TECHNICAL GROUP
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

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	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VX046408.D BFB Injection Date: 05/30/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:20

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	22.6
75	30.0 - 60.0% of mass 95	57.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	68.3
175	5.0 - 9.0% of mass 174	5.2 (7.7) 1
176	95.0 - 101.0% of mass 174	65 (95.2) 1
177	5.0 - 9.0% of mass 176	4.2 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046409.D	05/30/2025	10:14
VX0530WBL01	VX0530WBL01	VX046411.D	05/30/2025	11:06
VX0530WBS01	VX0530WBS01	VX046412.D	05/30/2025	11:29
BP-VPB-182-TB-20250527	Q2162-02	VX046421.D	05/30/2025	15:02
BP-VPB-182-GW-620-622	Q2162-07	VX046423.D	05/30/2025	15:49
BP-VPB-182-GW-640-642	Q2162-08	VX046424.D	05/30/2025	16:12
BP-VPB-182-EB-20250529	Q2162-10	VX046427.D	05/30/2025	17:23
BP-VPB-182-GW-600-602	Q2162-04	VX046428.D	05/30/2025	17:46
BP-VPB-182-GW-600-602MS	Q2162-05MS	VX046429.D	05/30/2025	18:09
BP-VPB-182-GW-600-602MSD	Q2162-06MSD	VX046430.D	05/30/2025	18:33
VSTDCCC050EC	VSTDCCC050	VX046431.D	05/30/2025	18:56

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

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

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

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

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

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

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

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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VY022510.D BFB Injection Date: 06/03/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:03

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	26
75	30.0 - 60.0% of mass 95	59.1
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 (1.4) 1
174	50.0 - 100.0% of mass 95	82.6
175	5.0 - 9.0% of mass 174	6.2 (7.6) 1
176	95.0 - 101.0% of mass 174	79.5 (96.3) 1
177	5.0 - 9.0% of mass 176	5 (6.3) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022511.D	06/03/2025	10:03
VY0603SBL01	VY0603SBL01	VY022512.D	06/03/2025	10:40
VY0603SBS01	VY0603SBS01	VY022513.D	06/03/2025	11:15
VY0603SBSD01	VY0603SBSD01	VY022514.D	06/03/2025	11:38
BP-VPB-182-GW-580-582	Q2162-01	VY022524.D	06/03/2025	15:48
VSTDCCC050EC	VSTDCCC050	VY022536.D	06/03/2025	20:51

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VX046409.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:14

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	91458	5.54	155659	6.75	130840	10.05
UPPER LIMIT	182916	6.038	311318	7.251	261680	10.549
LOWER LIMIT	45729	5.038	77829.5	6.251	65420	9.549
EPA SAMPLE NO.						
BP-VPB-182-TB-20250527	65791	5.54	131064	6.76	123806	10.06
BP-VPB-182-GW-600-602	67201	5.55	136531	6.76	123950	10.06
BP-VPB-182-GW-600-602MS	79536	5.55	143606	6.76	126117	10.05
BP-VPB-182-GW-600-602MSD	75595	5.55	137177	6.76	120035	10.05
BP-VPB-182-GW-620-622	60158	5.55	121355	6.76	111155	10.06
BP-VPB-182-GW-640-642	58123	5.55	117880	6.76	112123	10.06
BP-VPB-182-EB-20250529	61473	5.55	125059	6.76	117701	10.05
VX0530WBL01	64533	5.55	129905	6.76	123011	10.05
VX0530WBS01	86619	5.55	153415	6.76	134836	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VX046409.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:14

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

	IS4 AREA #	RT #				
12 HOUR STD	64536	12.018				
UPPER LIMIT	129072	12.518				
LOWER LIMIT	32268	11.518				
EPA SAMPLE NO.						
BP-VPB-182-TB-20250527	54063	12.02				
BP-VPB-182-GW-600-602	52218	12.02				
BP-VPB-182-GW-600-602MS	62040	12.02				
BP-VPB-182-GW-600-602MSD	57548	12.02				
BP-VPB-182-GW-620-622	45099	12.02				
BP-VPB-182-GW-640-642	47411	12.02				
BP-VPB-182-EB-20250529	46505	12.02				
VX0530WBL01	51208	12.02				
VX0530WBS01	64120	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VY022511.D Date Analyzed: 06/03/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:03

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	187797	7.71	325302	8.62	276655	11.42
UPPER LIMIT	375594	8.213	650604	9.115	553310	11.92
LOWER LIMIT	93898.5	7.213	162651	8.115	138328	10.92
EPA SAMPLE NO.						
BP-VPB-182-GW-580-582	262567	7.71	482605	8.61	394621	11.41
VY0603SBL01	287398	7.71	534399	8.62	428748	11.42
VY0603SBS01	197612	7.71	337632	8.62	284268	11.42
VY0603SBSD01	196295	7.71	333757	8.62	277257	11.41

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG NO.: Q2162

Lab File ID: VY022511.D Date Analyzed: 06/03/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:03

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

	IS4 AREA #	RT #				
12 HOUR STD	130385	13.346				
UPPER LIMIT	260770	13.846				
LOWER LIMIT	65192.5	12.846				
EPA SAMPLE NO.						
BP-VPB-182-GW-580-582	147101	13.35				
VY0603SBL01	155262	13.35				
VY0603SBS01	131961	13.35				
VY0603SBSD01	127082	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Alliance TECHNICAL GROUP
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:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-580-582	SDG No.:	Q2162
Lab Sample ID:	Q2162-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	9.3
Sample Wt/Vol:	4.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022524.D	1		06/03/25 15:48	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	30.8	U	14.1	30.8	61.7	ug/Kg
75-01-4	Vinyl Chloride	30.8	U	9.70	30.8	61.7	ug/Kg
74-83-9	Bromomethane	49.3	U	13.2	49.3	61.7	ug/Kg
75-00-3	Chloroethane	30.8	U	15.5	30.8	61.7	ug/Kg
75-69-4	Trichlorofluoromethane	49.3	U	14.9	49.3	61.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	30.8	U	13.1	30.8	61.7	ug/Kg
75-35-4	1,1-Dichloroethene	30.8	U	12.3	30.8	61.7	ug/Kg
67-64-1	Acetone	250	U	58.4	250	310	ug/Kg
75-15-0	Carbon Disulfide	49.3	U	13.1	49.3	61.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	30.8	U	9.00	30.8	61.7	ug/Kg
75-09-2	Methylene Chloride	98.6	U	43.5	98.6	120	ug/Kg
156-60-5	trans-1,2-Dichloroethene	30.8	U	10.6	30.8	61.7	ug/Kg
75-34-3	1,1-Dichloroethane	30.8	U	9.90	30.8	61.7	ug/Kg
78-93-3	2-Butanone	250	U	80.6	250	310	ug/Kg
56-23-5	Carbon Tetrachloride	30.8	U	12.0	30.8	61.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	30.8	U	9.20	30.8	61.7	ug/Kg
67-66-3	Chloroform	49.3	U	10.4	49.3	61.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	30.8	U	11.5	30.8	61.7	ug/Kg
108-87-2	Methylcyclohexane	30.8	U	11.2	30.8	61.7	ug/Kg
71-43-2	Benzene	30.8	U	9.70	30.8	61.7	ug/Kg
107-06-2	1,2-Dichloroethane	30.8	U	9.70	30.8	61.7	ug/Kg
79-01-6	Trichloroethene	30.8	U	10.0	30.8	61.7	ug/Kg
78-87-5	1,2-Dichloropropane	30.8	U	11.2	30.8	61.7	ug/Kg
75-27-4	Bromodichloromethane	30.8	U	9.60	30.8	61.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	150	U	44.1	150	310	ug/Kg
108-88-3	Toluene	30.8	U	9.60	30.8	61.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	30.8	U	8.00	30.8	61.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	30.8	U	7.60	30.8	61.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	30.8	U	11.3	30.8	61.7	ug/Kg
591-78-6	2-Hexanone	150	U	45.5	150	310	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-580-582	SDG No.:	Q2162
Lab Sample ID:	Q2162-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	9.3
Sample Wt/Vol:	4.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022524.D	1		06/03/25 15:48	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	30.8	U	10.7	30.8	61.7	ug/Kg
127-18-4	Tetrachloroethene	30.8	U	12.9	30.8	61.7	ug/Kg
108-90-7	Chlorobenzene	30.8	U	11.2	30.8	61.7	ug/Kg
100-41-4	Ethyl Benzene	30.8	U	8.30	30.8	61.7	ug/Kg
179601-23-1	m/p-Xylenes	61.7	U	15.3	61.7	120	ug/Kg
95-47-6	o-Xylene	30.8	U	10.1	30.8	61.7	ug/Kg
100-42-5	Styrene	30.8	U	8.80	30.8	61.7	ug/Kg
75-25-2	Bromoform	30.8	U	10.6	30.8	61.7	ug/Kg
98-82-8	Isopropylbenzene	30.8	U	9.60	30.8	61.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	30.8	U	14.9	30.8	61.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	30.8	U	21.1	30.8	61.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	30.8	U	19.2	30.8	61.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	30.8	U	17.9	30.8	61.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.0		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.9		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	263000	7.707				
540-36-3	1,4-Difluorobenzene	483000	8.61				
3114-55-4	Chlorobenzene-d5	395000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	147000	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-580-582	SDG No.:	Q2162
Lab Sample ID:	Q2162-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	9.3
Sample Wt/Vol:	4.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022524.D	1		06/03/25 15:48	VY060325

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Quant Time: Jun 04 04:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

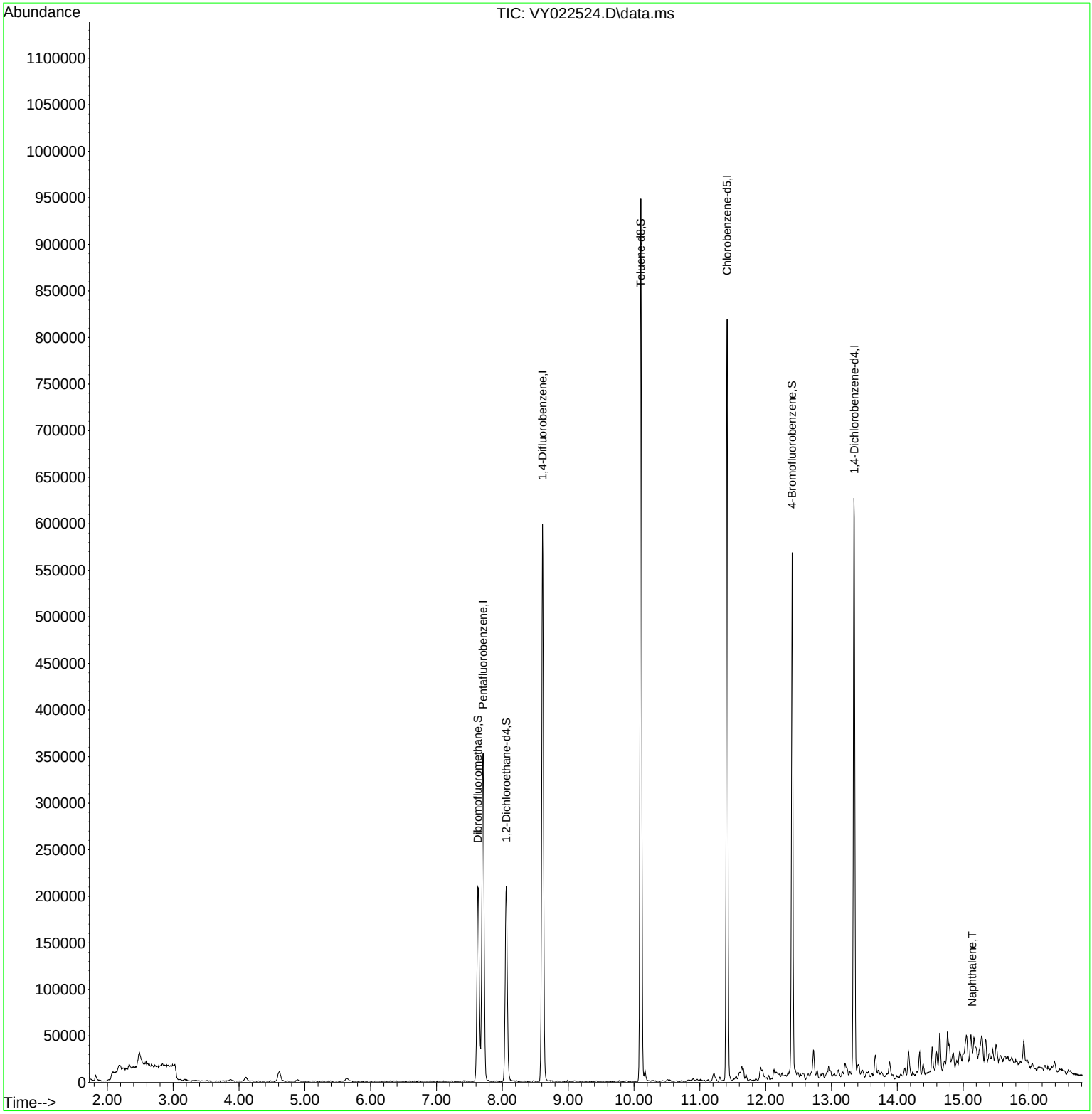
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	262567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	482605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	147101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	155787	53.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.100%			
35) Dibromofluoromethane	7.628	113	145953	50.668	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.340%			
50) Toluene-d8	10.103	98	581144	49.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.402	95	154637	44.591	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.180%			
Target Compounds						Qvalue
95) Naphthalene	15.139	128	7441	1.622	ug/l	97

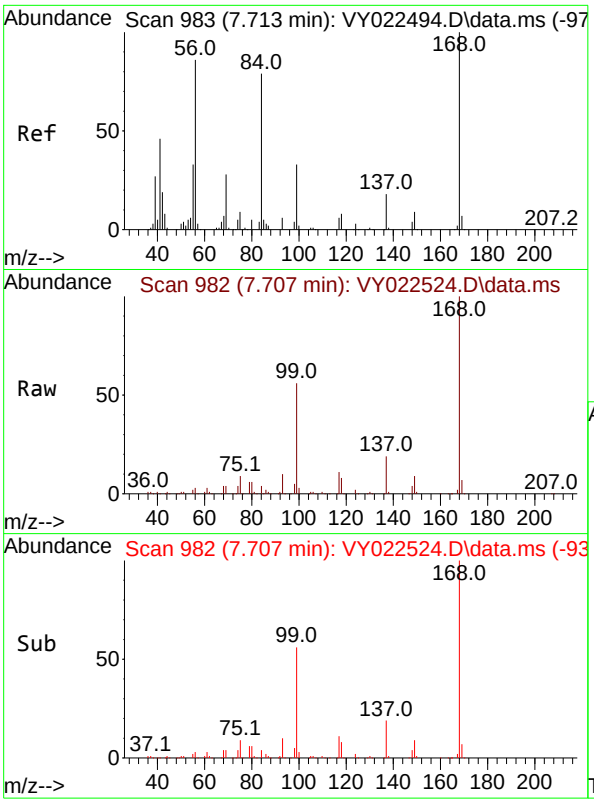
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Quant Time: Jun 04 04:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



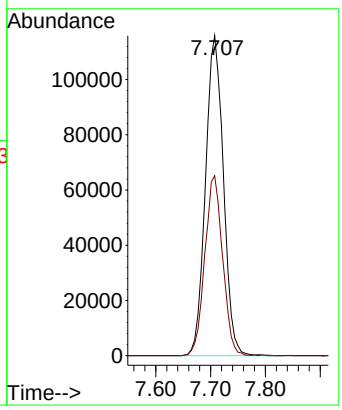


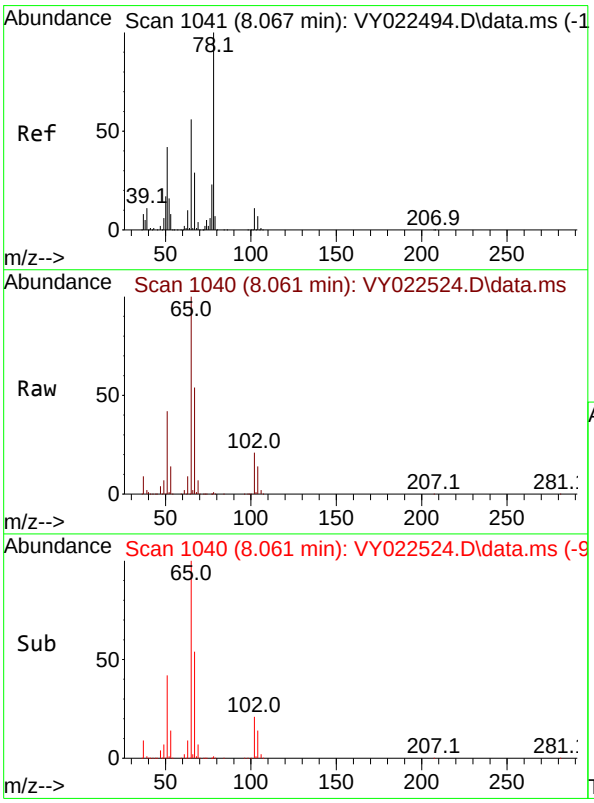
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Tgt Ion:168 Resp: 262567

Ion	Ratio	Lower	Upper
168	100		
99	56.3	44.3	66.5

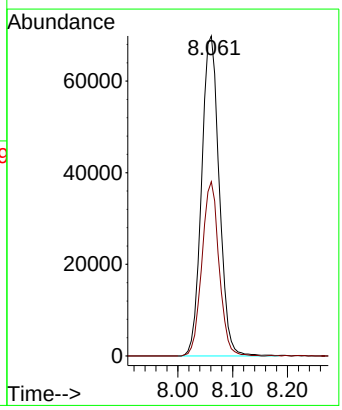


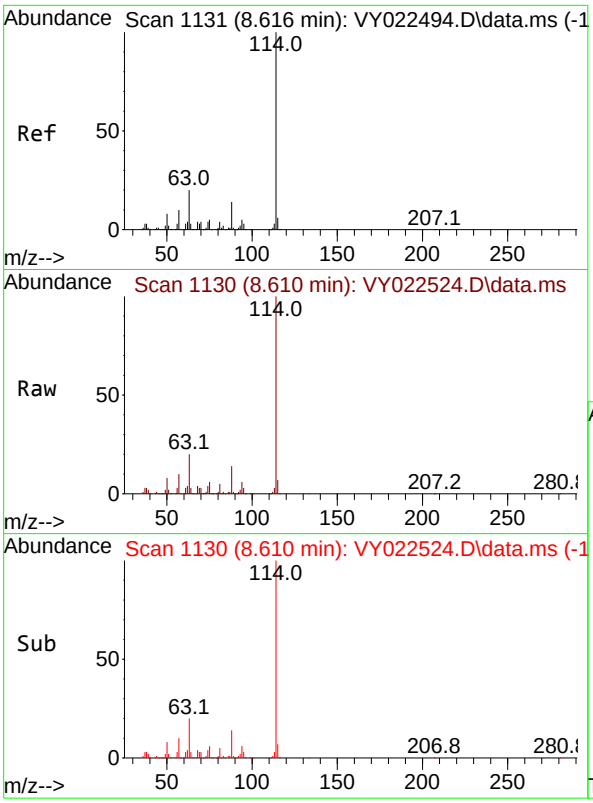


#33
1,2-Dichloroethane-d4
Concen: 53.049 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Tgt Ion: 65 Resp: 155787

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.4



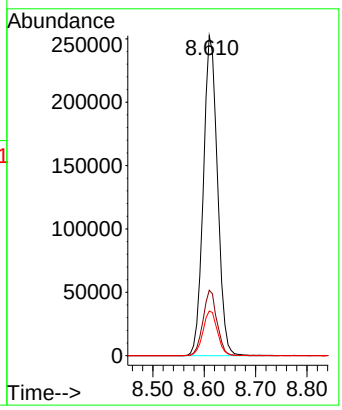


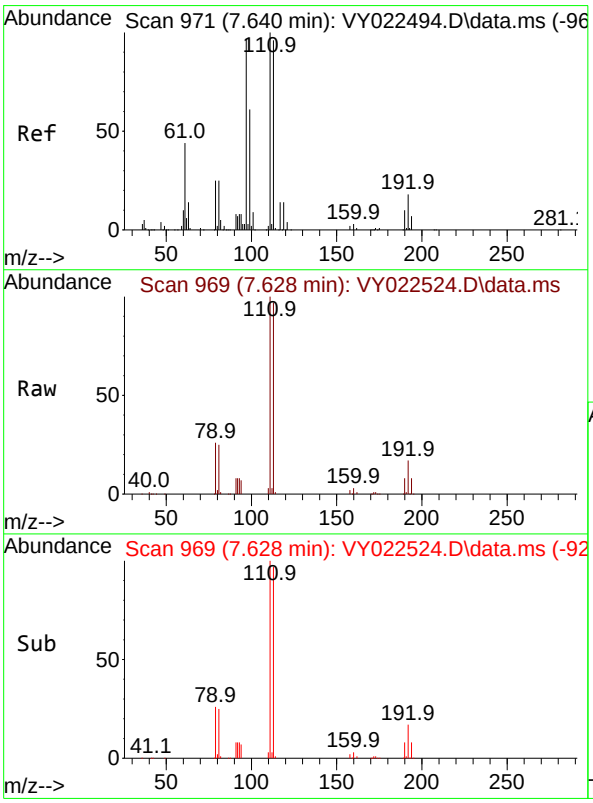
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Tgt Ion:114 Resp: 482605

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	14.0	0.0	27.8

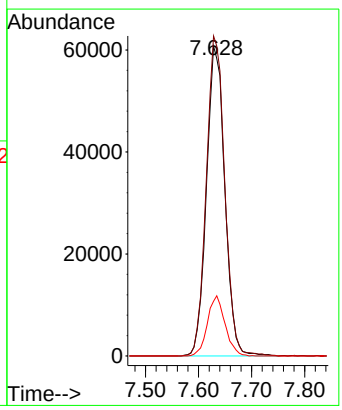


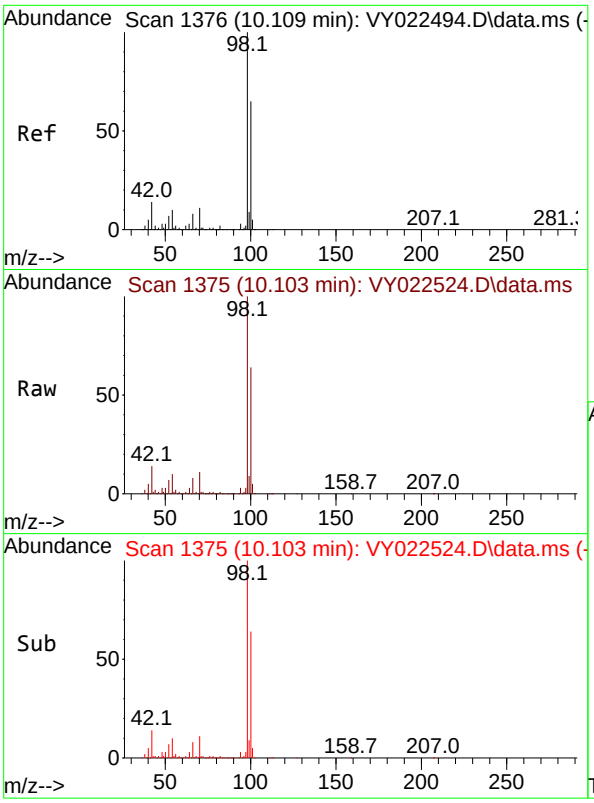


#35
Dibromofluoromethane
Concen: 50.668 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Tgt Ion:113 Resp: 145953

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.1	121.7
192	18.7	14.2	21.2



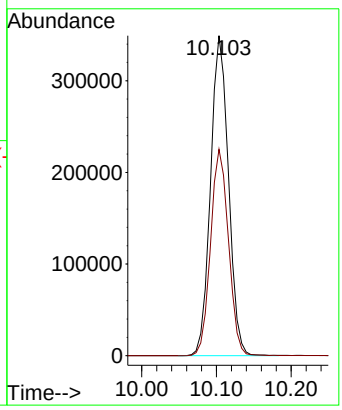


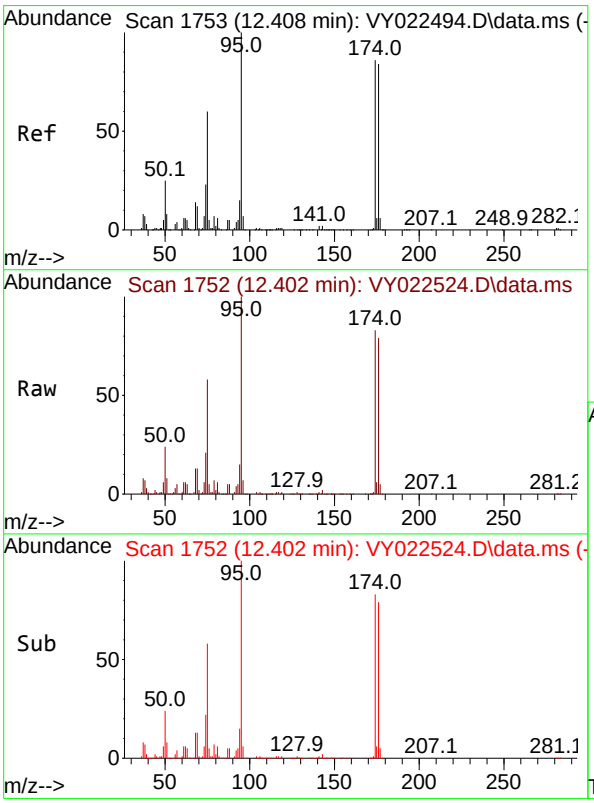
#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Tgt Ion: 98 Resp: 581144

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

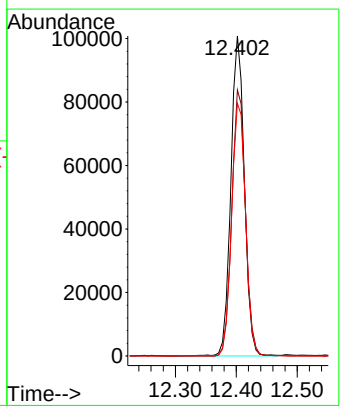


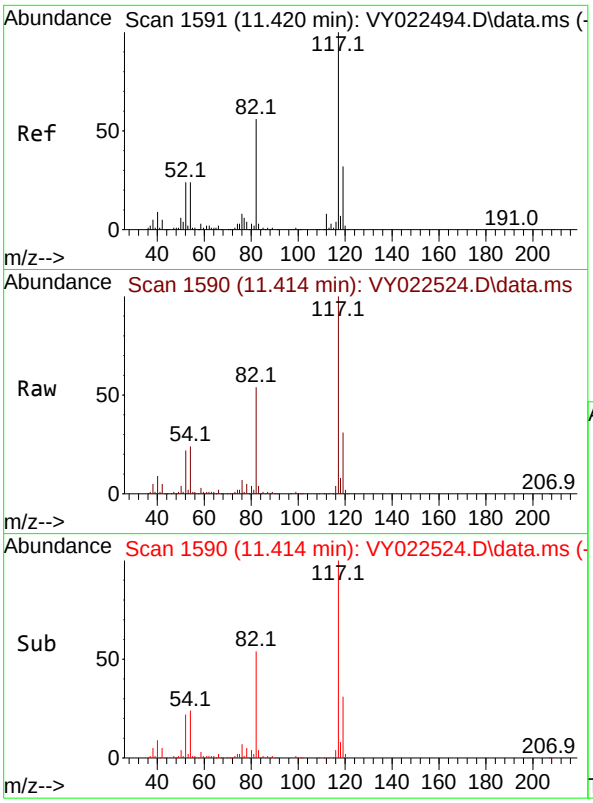


#62
4-Bromofluorobenzene
Concen: 44.591 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Tgt Ion: 95 Resp: 154637

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	170.0
176	81.6	0.0	166.2



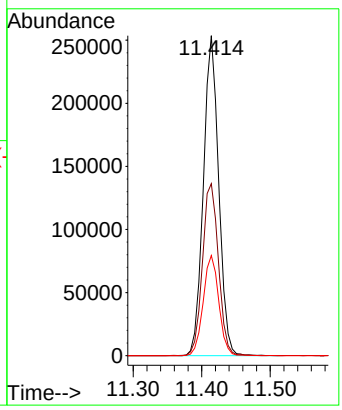


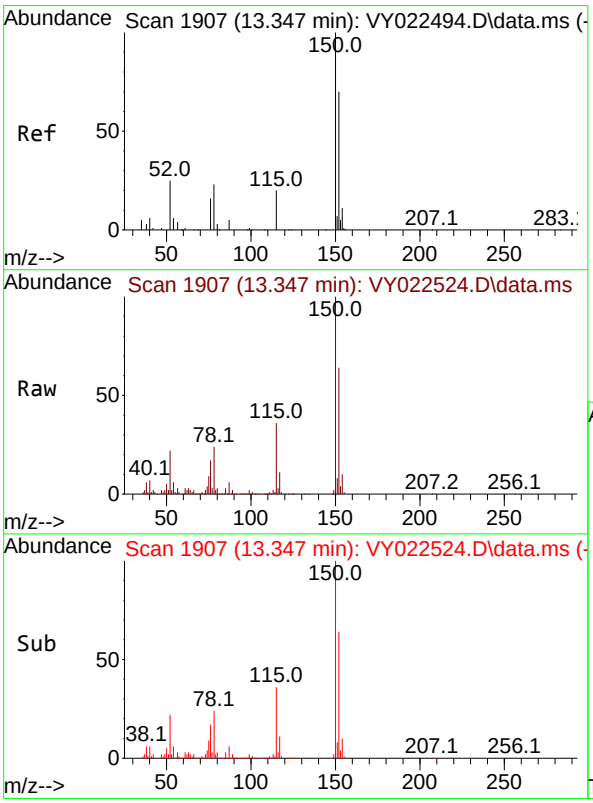
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Tgt Ion:117 Resp: 394621

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.6	66.8
119	31.3	25.4	38.0

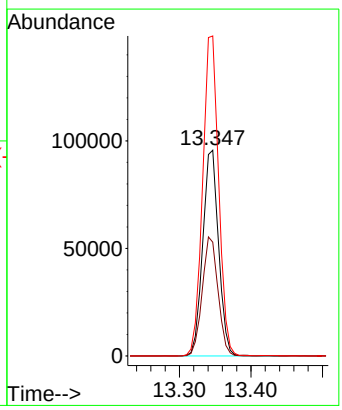


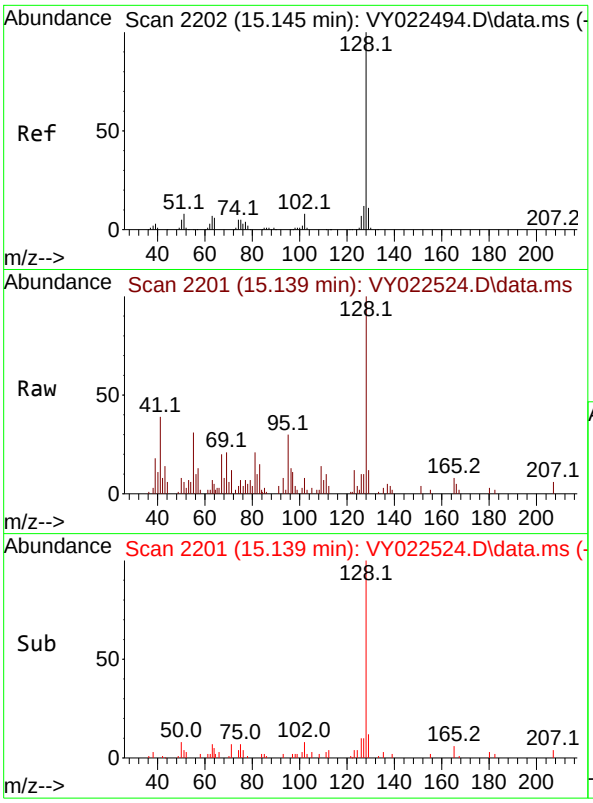


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Tgt Ion:152 Resp: 147101

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.9	86.7
150	157.3	0.0	349.6



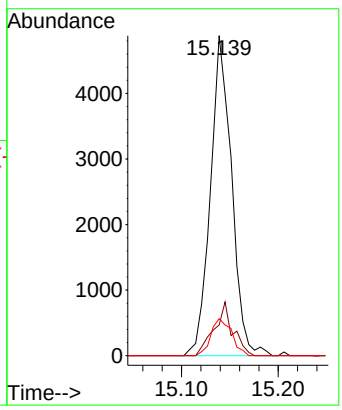


#95
Naphthalene
Concen: 1.622 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022524.D
Acq: 03 Jun 2025 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

Tgt Ion:128 Resp: 7441

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.4	15.6
129	11.4	8.9	13.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

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

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

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

Signal : TIC: VY022524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.086	52	60	62	rBV2	8977	21478	1.35%	0.247%
2	2.190	70	77	81	rBV5	7702	22440	1.41%	0.258%
3	2.489	118	126	134	rBV4	15443	52011	3.28%	0.597%
4	4.616	464	475	481	rBV2	10568	32364	2.04%	0.372%
5	7.628	955	969	976	rBV	208830	516311	32.51%	5.930%
6	7.707	976	982	993	rVB	351656	790466	49.77%	9.079%
7	8.061	1029	1040	1050	rBV	209368	472866	29.78%	5.431%
8	8.610	1122	1130	1145	rBV	598421	1144168	72.05%	13.142%
9	10.103	1367	1375	1383	rBV	947927	1588100	100.00%	18.241%
10	10.170	1383	1386	1400	rVB2	11427	20320	1.28%	0.233%
11	11.213	1547	1557	1568	rVB6	9178	24494	1.54%	0.281%
12	11.414	1582	1590	1601	rVB	817038	1292237	81.37%	14.843%
13	11.926	1667	1674	1676	rBV5	13951	27113	1.71%	0.311%
14	12.402	1743	1752	1759	rBV	560011	862041	54.28%	9.901%
15	12.566	1775	1779	1785	rVB6	7126	17076	1.08%	0.196%
16	12.725	1796	1805	1810	rVV5	30508	67579	4.26%	0.776%
17	13.206	1880	1884	1887	rBV5	10917	19174	1.21%	0.220%
18	13.340	1899	1906	1913	rBV	618628	960282	60.47%	11.030%
19	13.408	1913	1917	1922	rVB4	10152	21936	1.38%	0.252%
20	13.469	1922	1927	1933	rVB8	7644	18404	1.16%	0.211%
21	13.670	1954	1960	1965	rBV4	21000	37180	2.34%	0.427%
22	13.883	1990	1995	2001	rVB	14148	24749	1.56%	0.284%
23	14.170	2037	2042	2050	rVB7	25437	48690	3.07%	0.559%
24	14.340	2065	2070	2074	rVB4	23700	33837	2.13%	0.389%
25	14.395	2074	2079	2083	rBV6	10878	17935	1.13%	0.206%
26	14.529	2097	2101	2108	rBV3	26647	41831	2.63%	0.480%
27	14.596	2108	2112	2116	rBV2	19762	32962	2.08%	0.379%
28	14.645	2116	2120	2126	rVB4	40626	66209	4.17%	0.760%
29	14.724	2127	2133	2134	rBV4	9708	16547	1.04%	0.190%
30	14.761	2134	2139	2142	rBV3	34818	56195	3.54%	0.645%
31	14.901	2158	2162	2166	rBV6	8370	16810	1.06%	0.193%
32	14.950	2166	2170	2175	rVV7	14521	30180	1.90%	0.347%
33	15.047	2181	2186	2192	rVB7	27977	65127	4.10%	0.748%
34	15.121	2193	2198	2202	rBV3	27228	50737	3.19%	0.583%
35	15.163	2202	2205	2215	rVB6	22444	54518	3.43%	0.626%
36	15.340	2230	2234	2239	rVB4	23314	37595	2.37%	0.432%

Sample Results: **VY022524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

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

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

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

37	15.401	2240	2244	2248	rVV6	8817	17415	1.10%	0.200%
38	15.499	2256	2260	2266	rVB8	18754	36475	2.30%	0.419%
39	15.919	2325	2329	2335	rVB2	21315	33359	2.10%	0.383%
40	16.389	2404	2406	2413	rVB5	11141	16962	1.07%	0.195%

Sum of corrected areas: 8706173

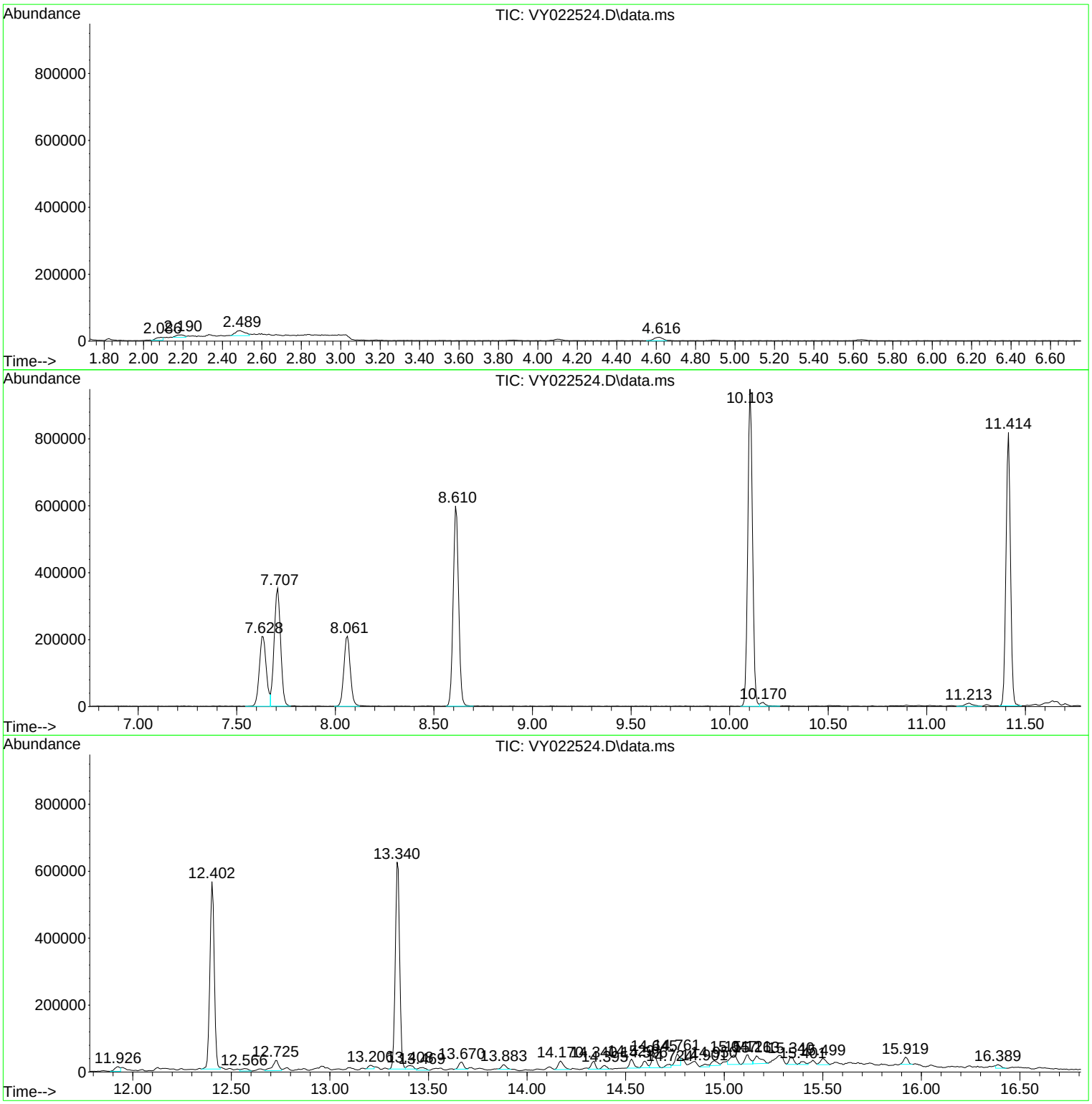
Sample Results: **VY022524.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

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

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022524.D
Acq On : 03 Jun 2025 15:48
Operator : SY/MD
Sample : Q2162-01
Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-182-GW-580-582

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

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

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

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:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-TB-20250527	SDG No.:	Q2162
Lab Sample ID:	Q2162-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046421.D	1		05/30/25 15:02	VX053025

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-TB-20250527	SDG No.:	Q2162
Lab Sample ID:	Q2162-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046421.D	1		05/30/25 15:02	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.5		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.3		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		85 - 114		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	65800	5.543				
540-36-3	1,4-Difluorobenzene	131000	6.757				
3114-55-4	Chlorobenzene-d5	124000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	54100	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/27/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-TB-20250527	SDG No.:	Q2162
Lab Sample ID:	Q2162-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046421.D	1		05/30/25 15:02	VX053025

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Time: May 30 23:29:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	65791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66788	54.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.900%			
35) Dibromofluoromethane	5.379	113	48257	51.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	8.646	98	164436	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	64433	51.422	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.840%			

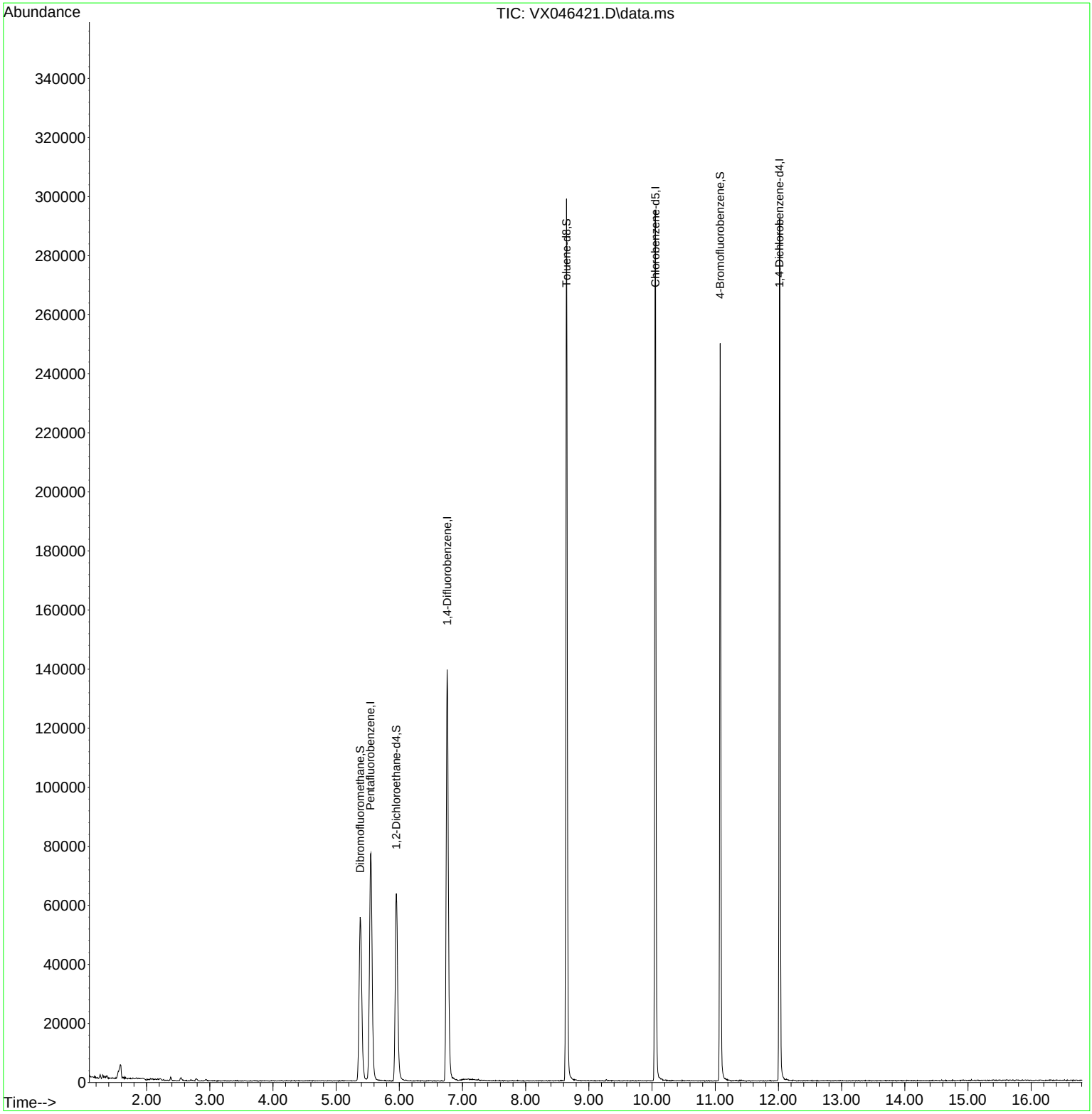
Target Compounds Qvalue

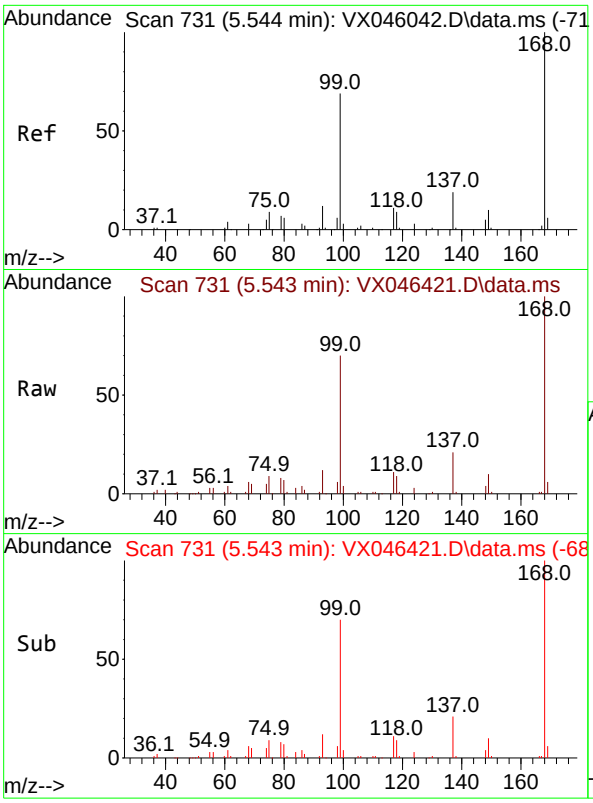
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Time: May 30 23:29:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



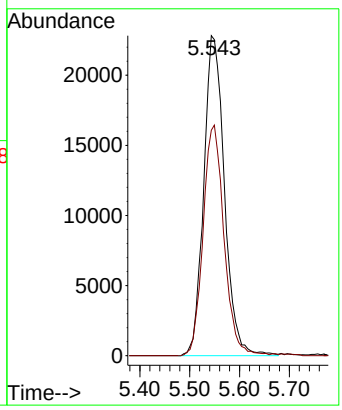


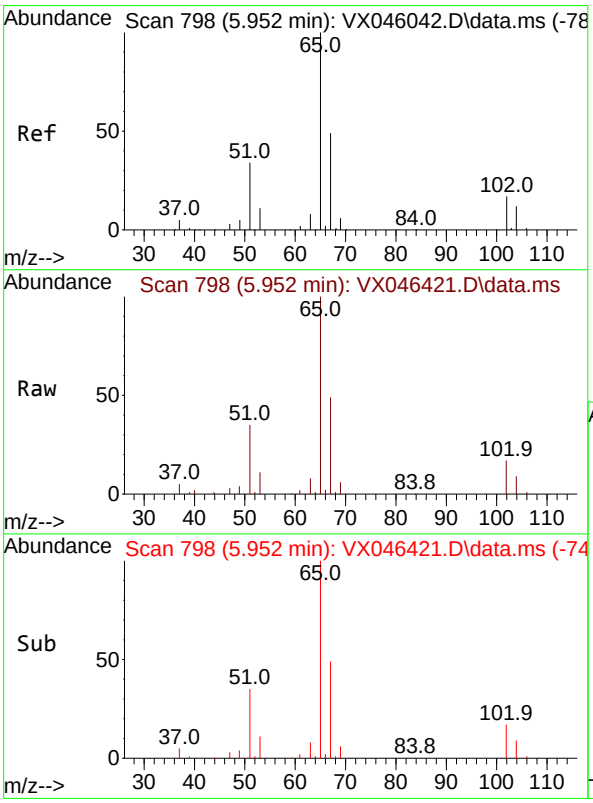
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion:168 Resp: 65791

Ion	Ratio	Lower	Upper
168	100		
99	70.4	54.9	82.3

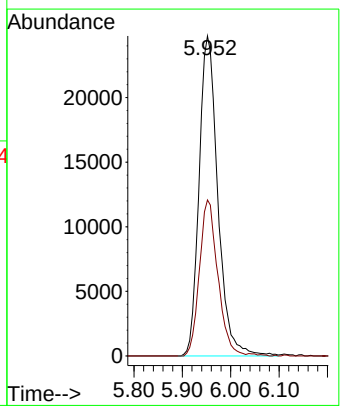


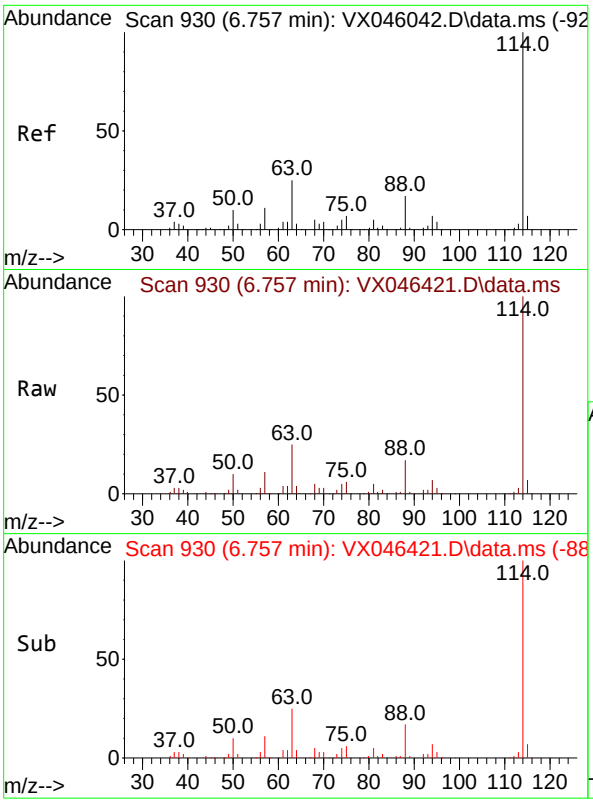


#33
1,2-Dichloroethane-d4
Concen: 54.452 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 65 Resp: 66788

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	99.0



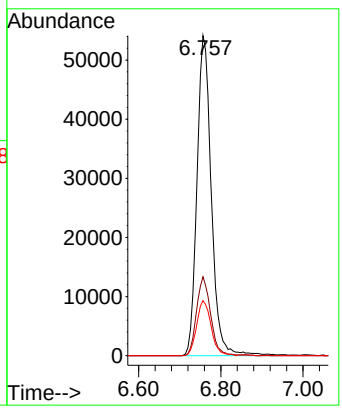


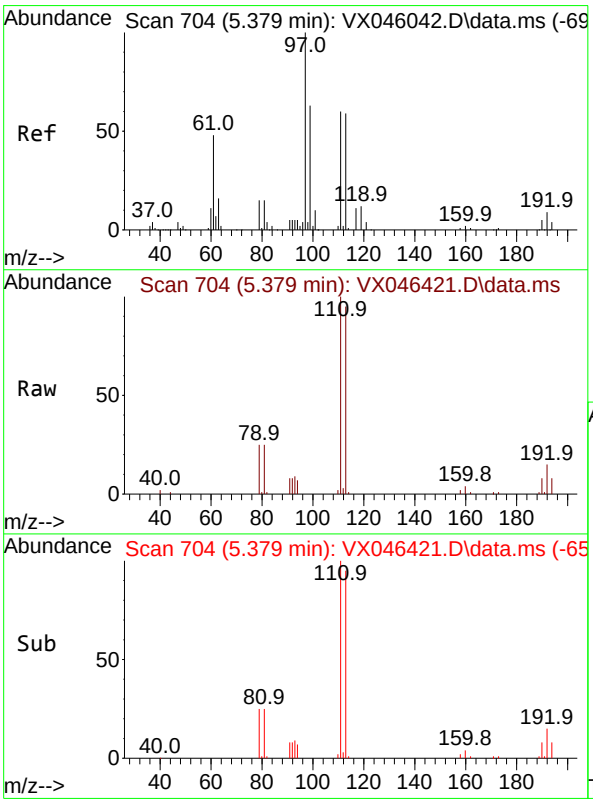
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion:114 Resp: 131064

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.2	0.0	33.6

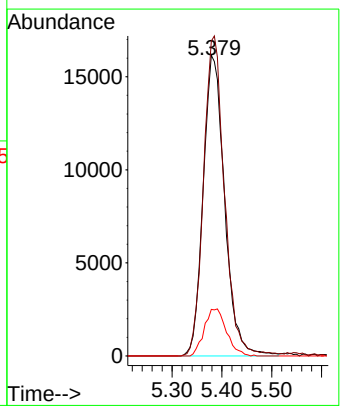


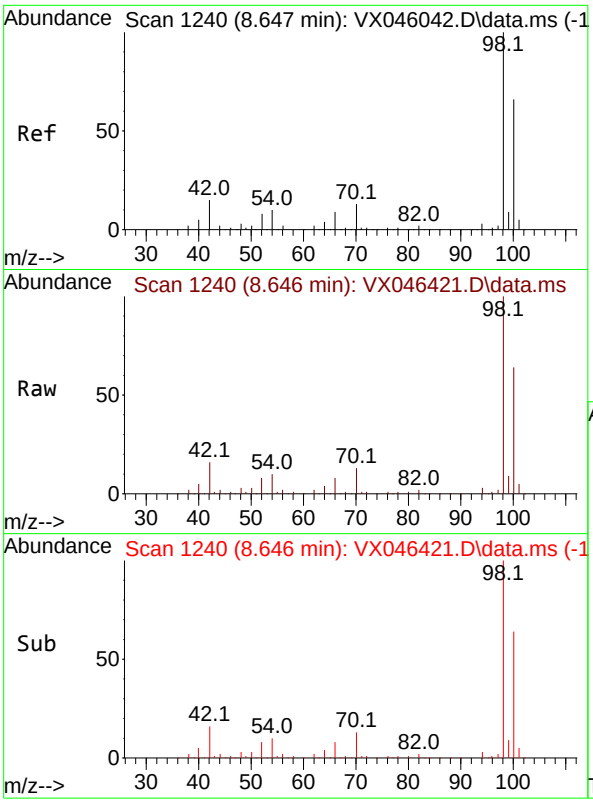


#35
Dibromofluoromethane
Concen: 51.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion:113 Resp: 48257

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	16.2	13.3	19.9



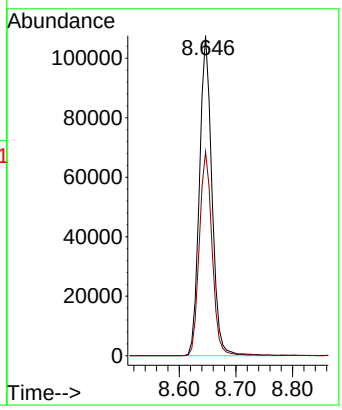


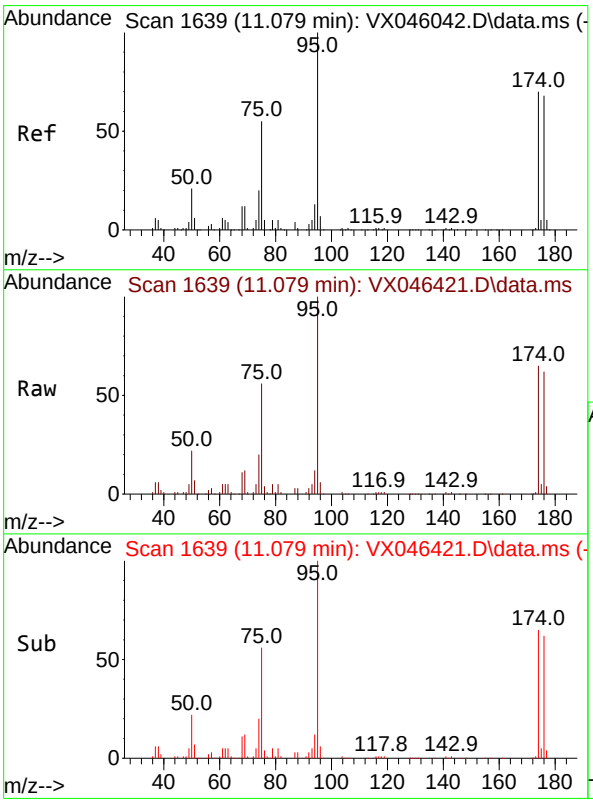
#50
Toluene-d8
Concen: 50.338 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion: 98 Resp: 164436

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.5	80.3

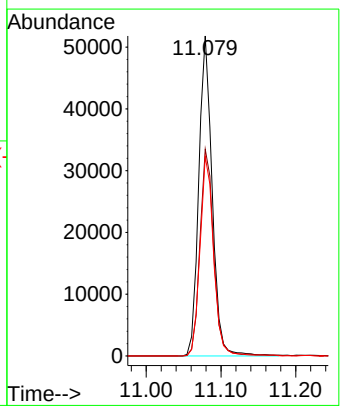


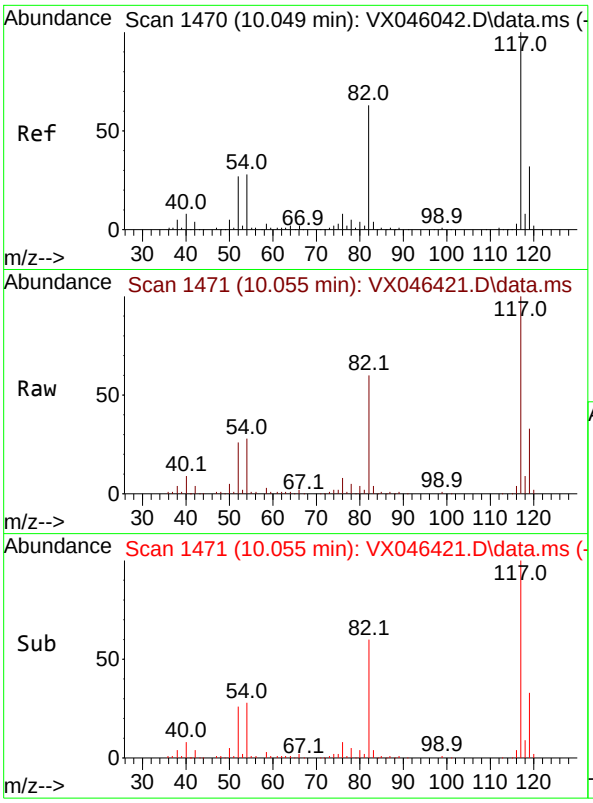


#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 95 Resp: 64433

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	63.5	0.0	131.4



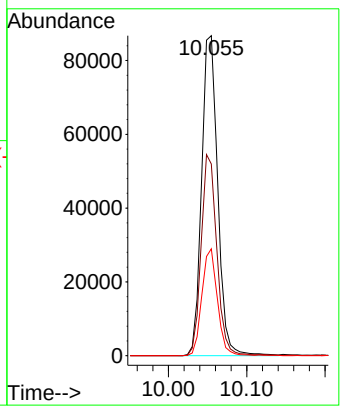


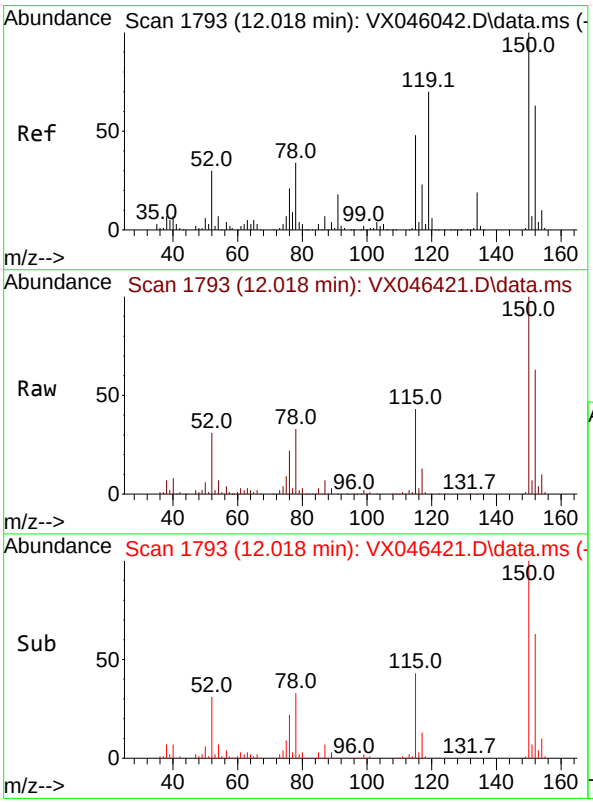
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion:117 Resp: 123806

Ion	Ratio	Lower	Upper
117	100		
82	59.9	50.6	76.0
119	33.4	25.8	38.6

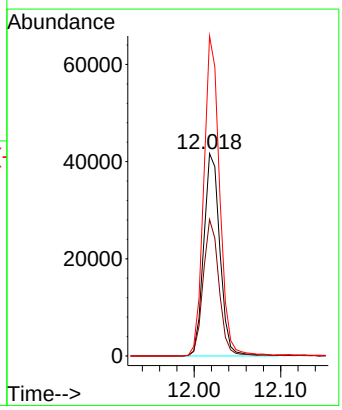




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion:152 Resp: 54063

Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.9	140.7
150	154.7	0.0	351.0



Sample Results: **VX046421.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	71	82	86	rBV3	4639	12896	2.79%	0.521%
2	5.379	690	704	720	rBV2	55505	164210	35.53%	6.638%
3	5.549	720	732	746	rVB2	76660	220411	47.69%	8.910%
4	5.952	789	798	815	rBV	63513	172585	37.34%	6.976%
5	6.757	921	930	950	rBV	139315	336124	72.73%	13.587%
6	8.646	1234	1240	1257	rBV	298689	462140	100.00%	18.681%
7	10.049	1465	1470	1485	rBV	294927	422138	91.34%	17.064%
8	11.079	1634	1639	1651	rBV	249763	315561	68.28%	12.756%
9	12.018	1788	1793	1810	rBV	291817	367763	79.58%	14.866%

Sum of corrected areas: 2473828

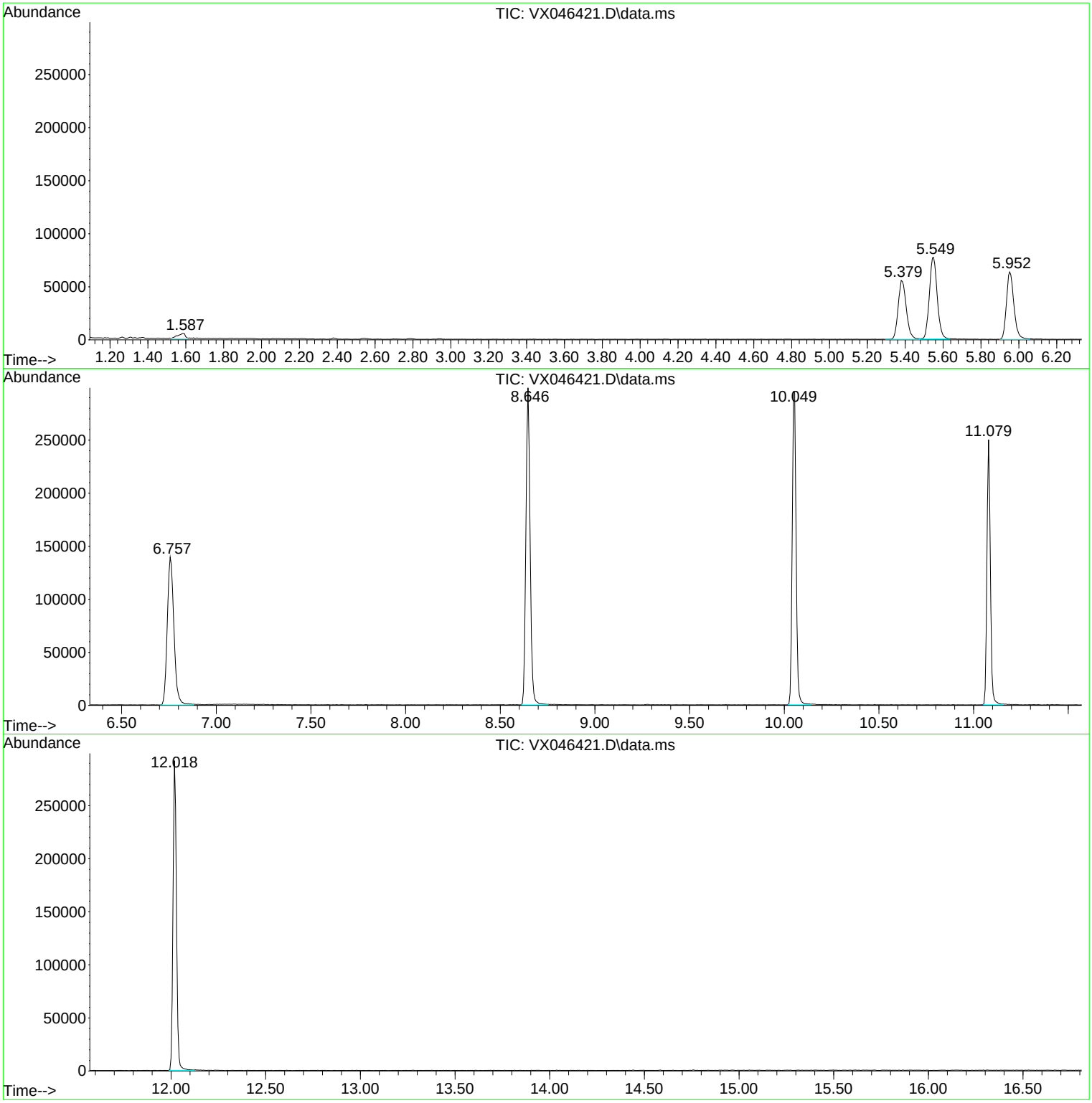
Sample Results: **VX046421.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046421.D
Acq On : 30 May 2025 15:02
Operator : JC/MD
Sample : Q2162-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602	SDG No.:	Q2162
Lab Sample ID:	Q2162-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046428.D	1		05/30/25 17:46	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	12.2		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602	SDG No.:	Q2162
Lab Sample ID:	Q2162-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046428.D	1		05/30/25 17:46	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.2		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	49.0		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	67200	5.55				
540-36-3	1,4-Difluorobenzene	137000	6.757				
3114-55-4	Chlorobenzene-d5	124000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	52200	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602	SDG No.:	Q2162
Lab Sample ID:	Q2162-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046428.D	1		05/30/25 17:46	VX053025

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Quant Time: May 30 23:32:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

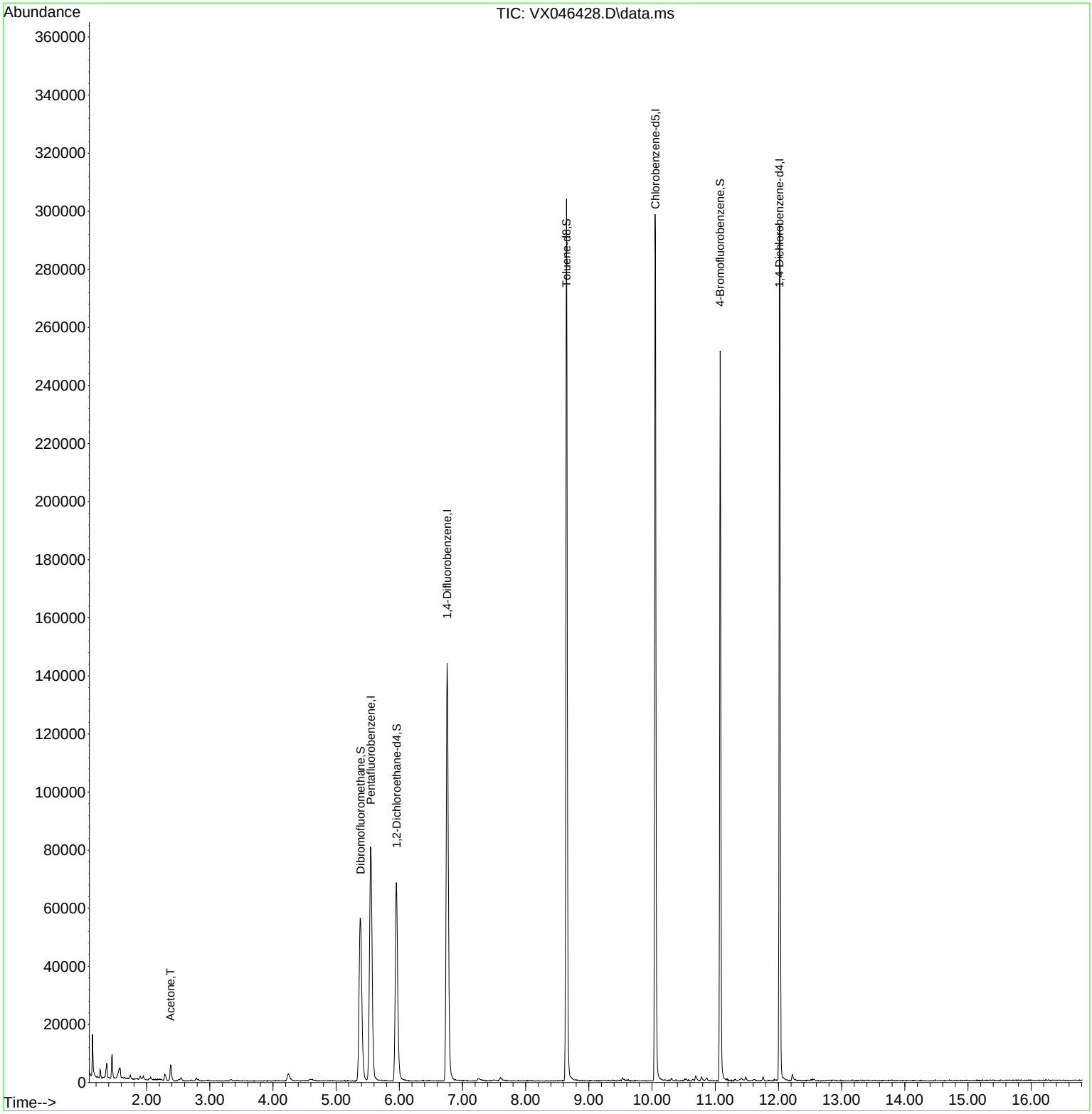
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	67201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69217	55.248	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.500%			
35) Dibromofluoromethane	5.385	113	50514	51.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	166644	48.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	64365	49.311	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.620%			
Target Compounds						Qvalue
16) Acetone	2.380	43	6148	12.239	ug/l	99

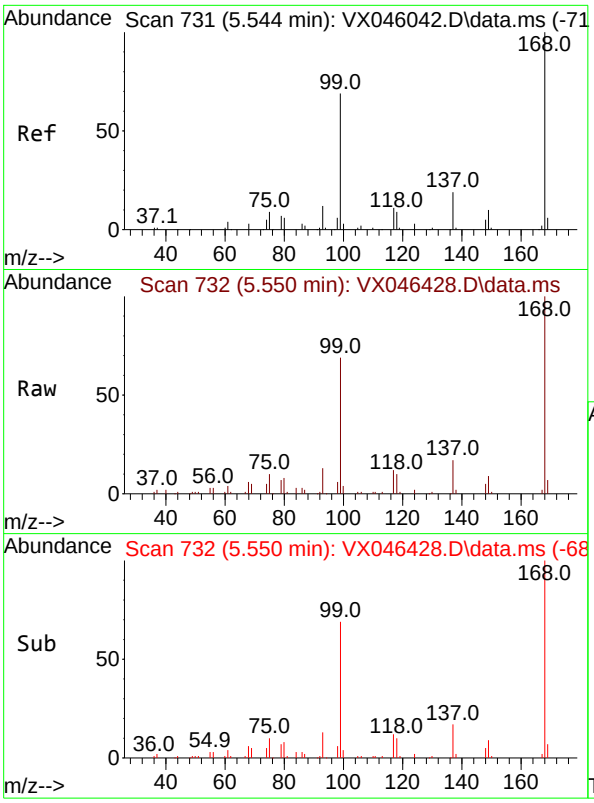
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Quant Time: May 30 23:32:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



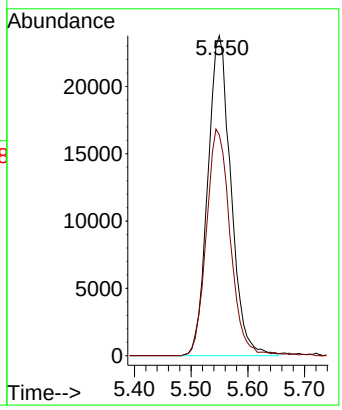


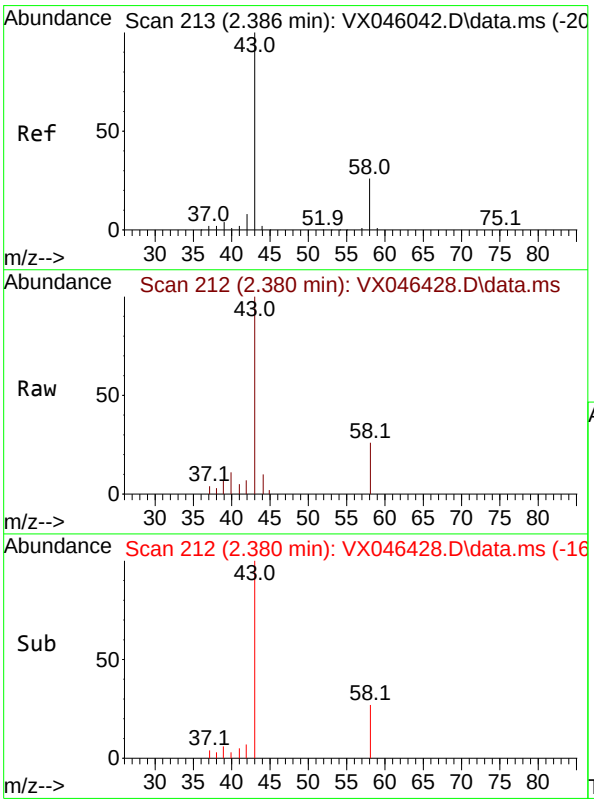
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Tgt Ion:168 Resp: 67201

Ion	Ratio	Lower	Upper
168	100		
99	68.9	54.9	82.3

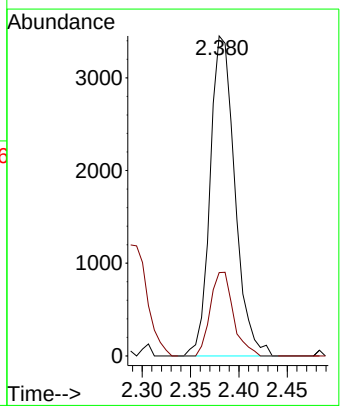


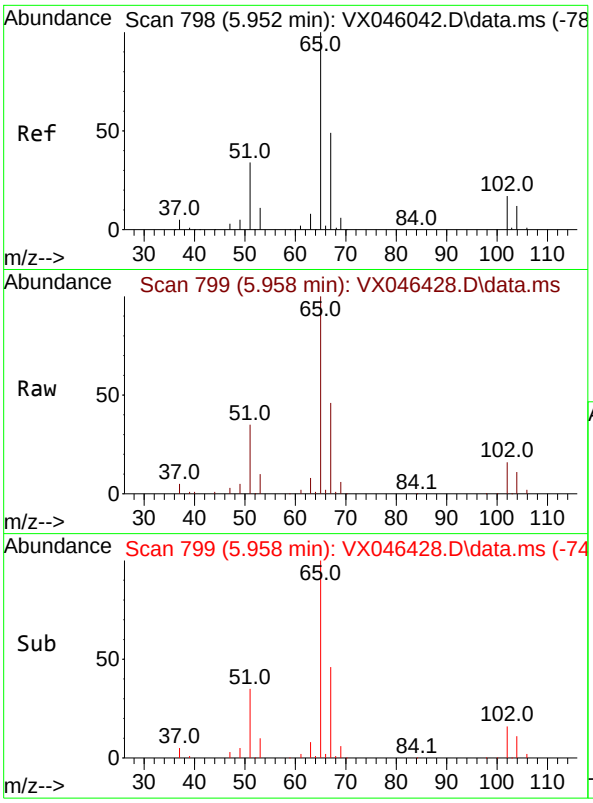


#16
Acetone
Concen: 12.239 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 43 Resp: 6148

Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.2	31.8



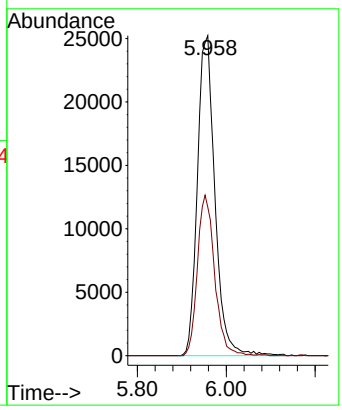


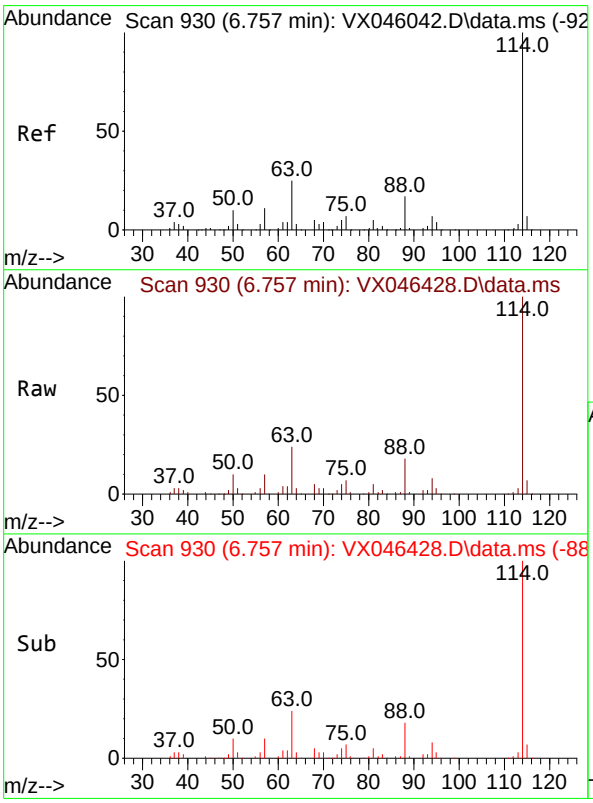
#33
1,2-Dichloroethane-d4
Concen: 55.248 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Tgt Ion: 65 Resp: 69217

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

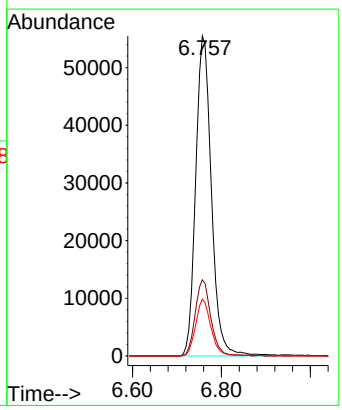


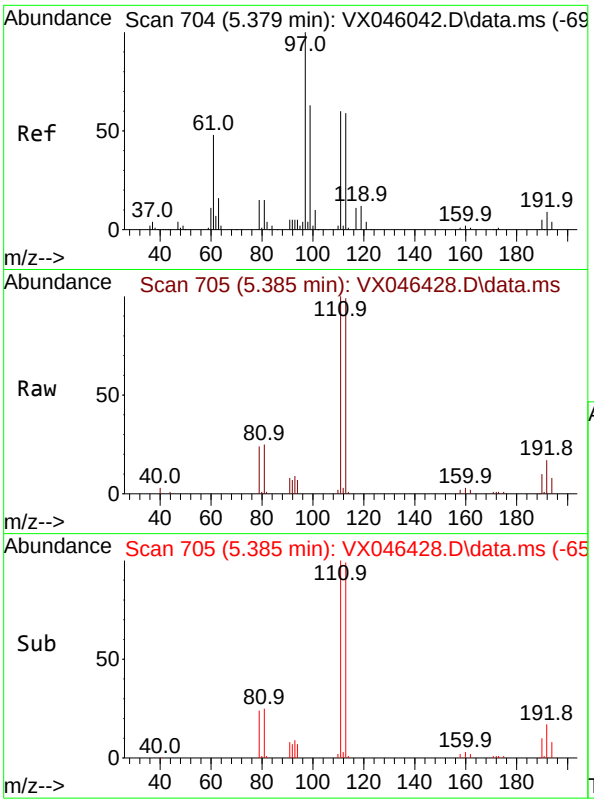


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion:114 Resp: 136531

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	17.8	0.0	33.6



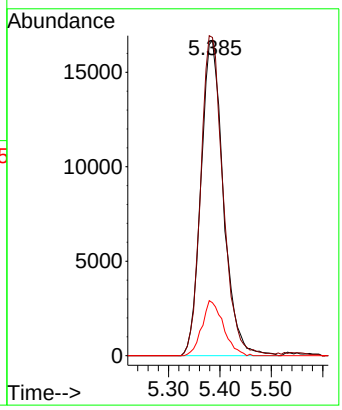


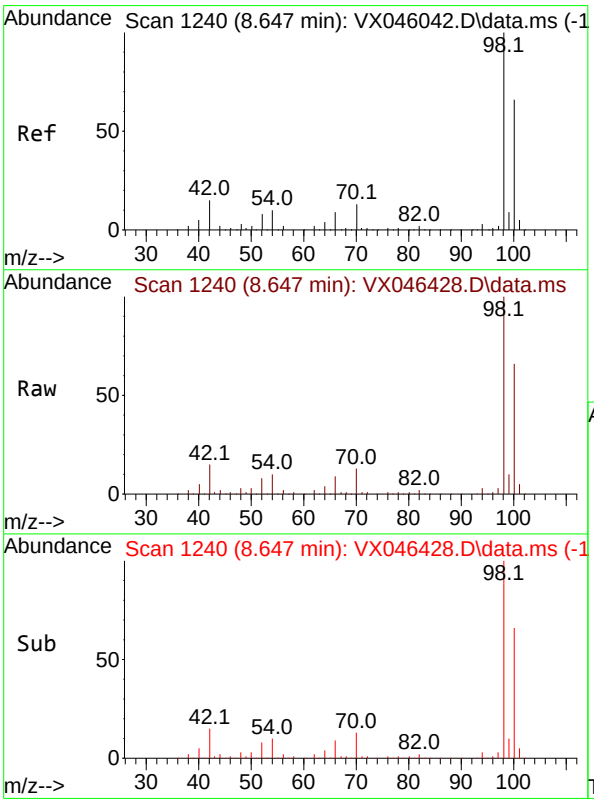
#35
Dibromofluoromethane
Concen: 51.379 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Tgt Ion:113 Resp: 50514

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.1	124.7
192	16.7	13.3	19.9

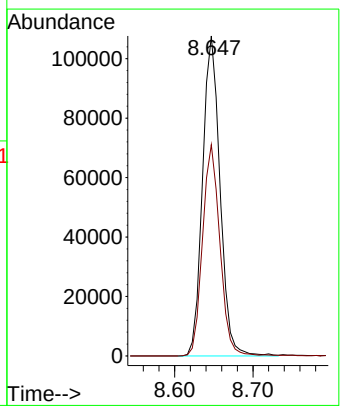


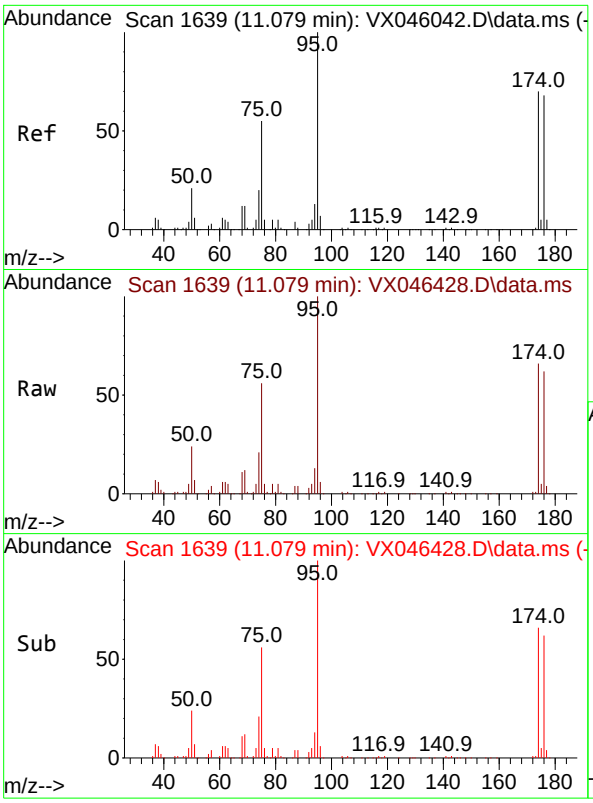


#50
Toluene-d8
Concen: 48.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 98 Resp: 166644

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.5	80.3



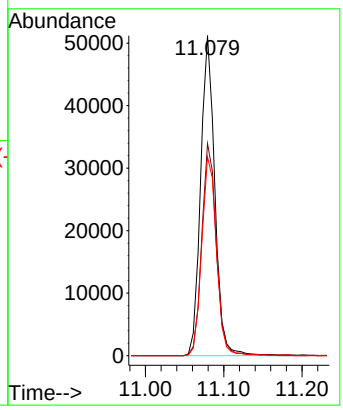


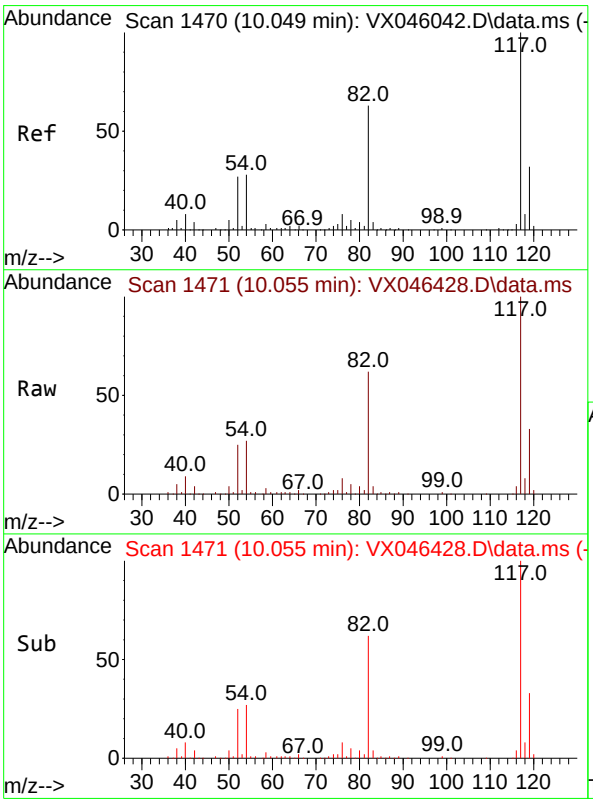
#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Tgt Ion: 95 Resp: 64365

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	64.6	0.0	131.4

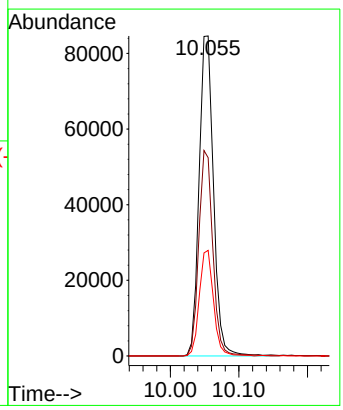


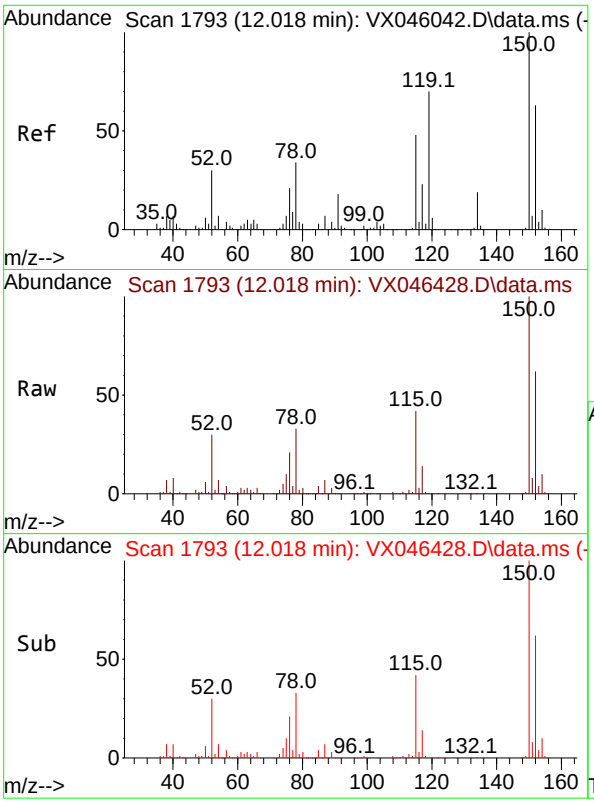


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion:117 Resp: 123950

Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.6	76.0
119	33.0	25.8	38.6



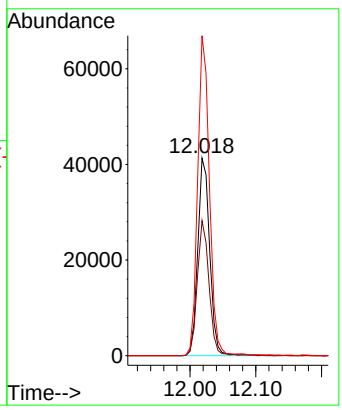


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Tgt Ion:152 Resp: 52218

Ion	Ratio	Lower	Upper
152	100		
115	67.3	46.9	140.7
150	160.0	0.0	351.0



Sample Results: **VX046428.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	6	9	21	rVB	14829	16003	3.38%	0.623%
2	1.368	39	46	50	rBV2	5029	7077	1.49%	0.276%
3	1.453	56	60	65	rBV	8260	9744	2.06%	0.380%
4	1.575	70	80	85	rBV3	3601	8964	1.89%	0.349%
5	2.380	208	212	219	rVB	5292	8738	1.84%	0.340%
6	4.245	511	518	524	rBV4	2363	6315	1.33%	0.246%
7	5.385	694	705	721	rBV	55948	170065	35.88%	6.624%
8	5.544	721	731	750	rVB	80386	229717	48.46%	8.947%
9	5.952	789	798	819	rBV2	68406	182309	38.46%	7.100%
10	6.757	921	930	946	rBV	143844	346133	73.02%	13.481%
11	8.647	1234	1240	1263	rBV	303581	474009	100.00%	18.461%
12	10.049	1465	1470	1484	rBV	298266	426651	90.01%	16.617%
13	11.079	1634	1639	1654	rBV	251466	320290	67.57%	12.474%
14	12.018	1788	1793	1802	rBV	294320	361543	76.27%	14.081%

Sum of corrected areas: 2567558

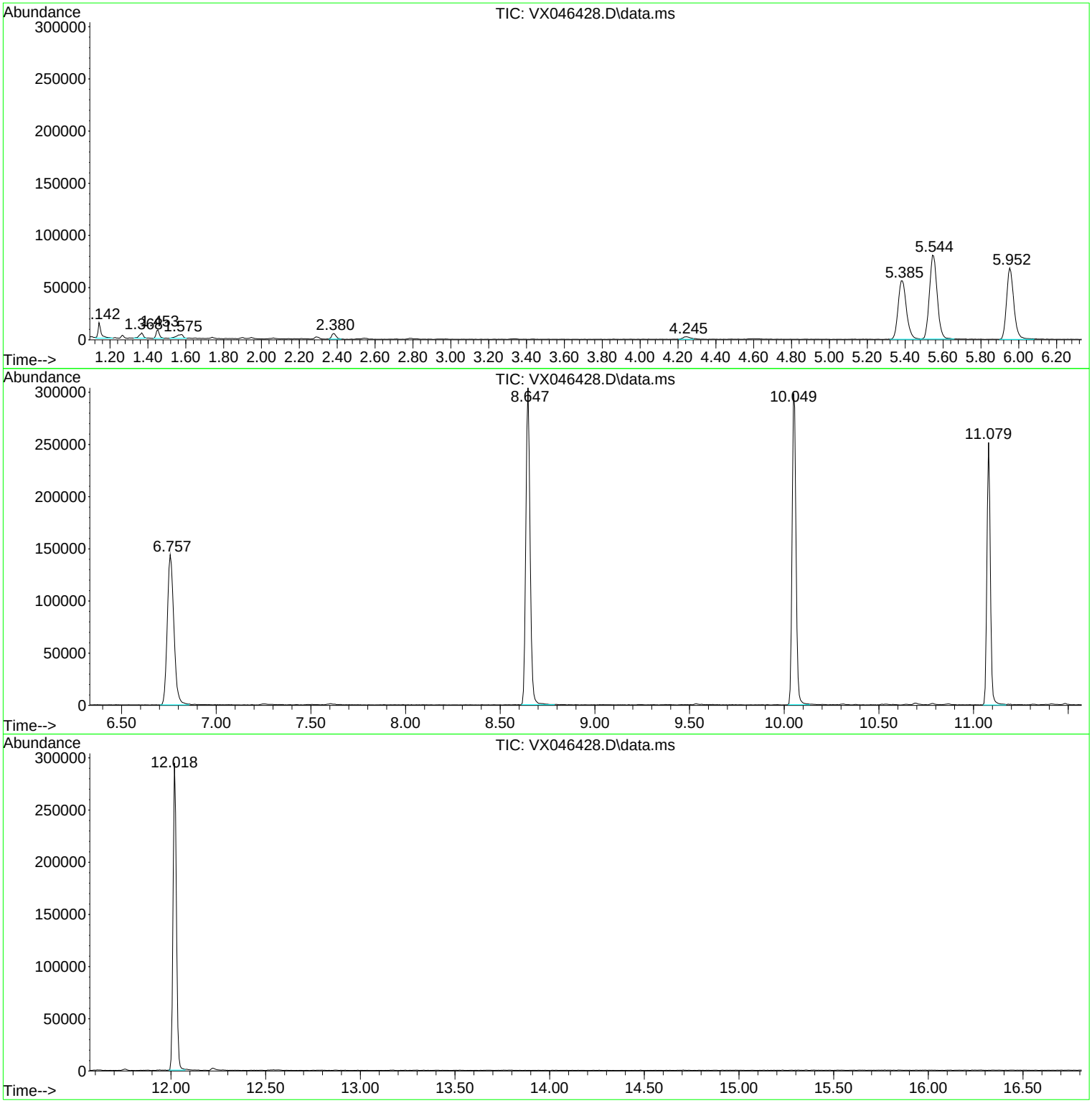
Sample Results: **VX046428.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046428.D
Acq On : 30 May 2025 17:46
Operator : JC/MD
Sample : Q2162-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-620-622	SDG No.:	Q2162
Lab Sample ID:	Q2162-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046423.D	1		05/30/25 15:49	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	12.9		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-620-622	SDG No.:	Q2162
Lab Sample ID:	Q2162-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046423.D	1		05/30/25 15:49	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.1		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		85 - 114		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	60200	5.55				
540-36-3	1,4-Difluorobenzene	121000	6.757				
3114-55-4	Chlorobenzene-d5	111000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	45100	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-620-622	SDG No.:	Q2162
Lab Sample ID:	Q2162-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046423.D	1		05/30/25 15:49	VX053025

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Quant Time: May 30 23:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

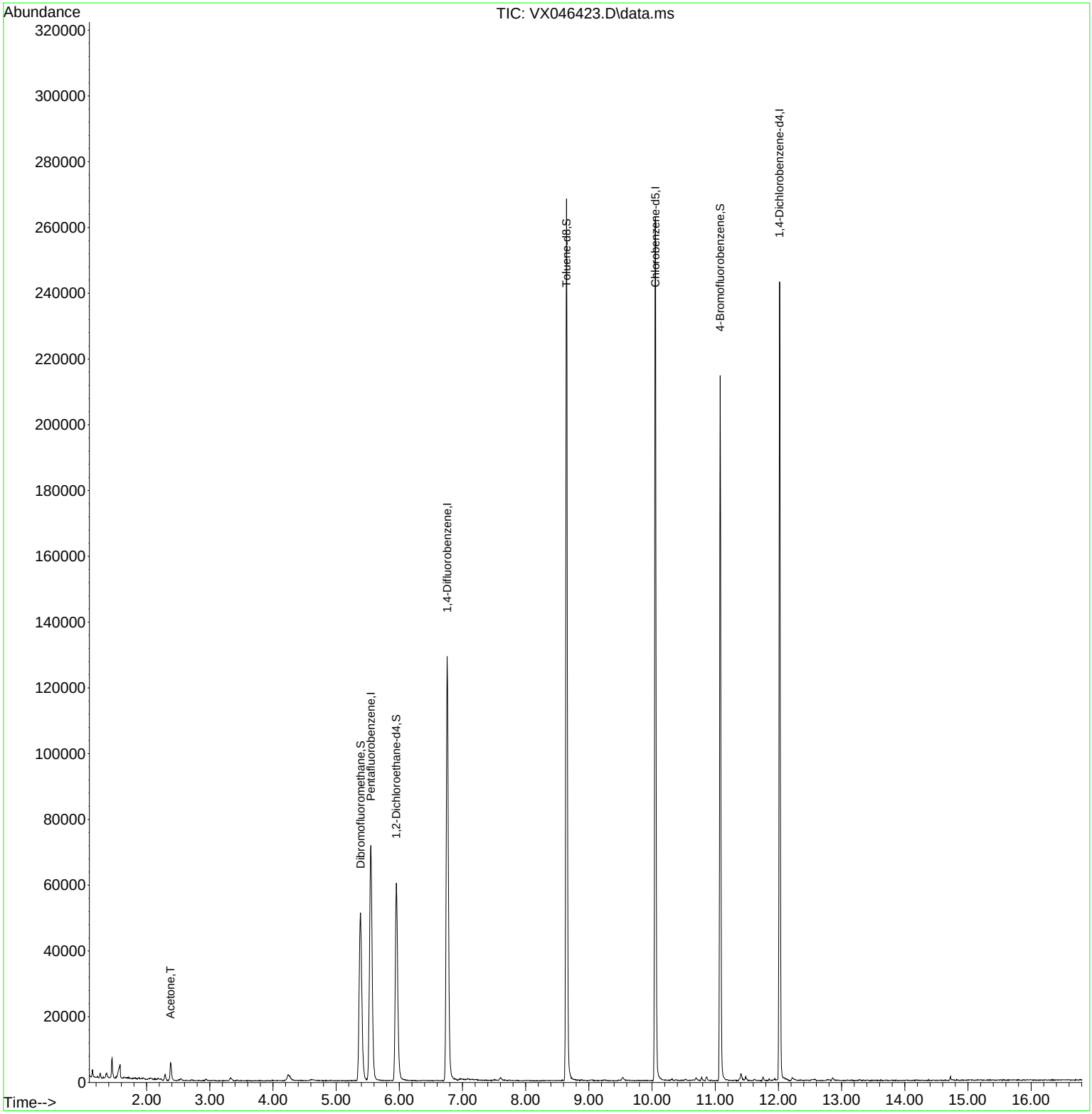
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	60158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60632	54.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	5.385	113	44162	50.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	150641	49.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	56303	48.529	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.060%			
Target Compounds						Qvalue
16) Acetone	2.380	43	5821	12.945	ug/l #	86

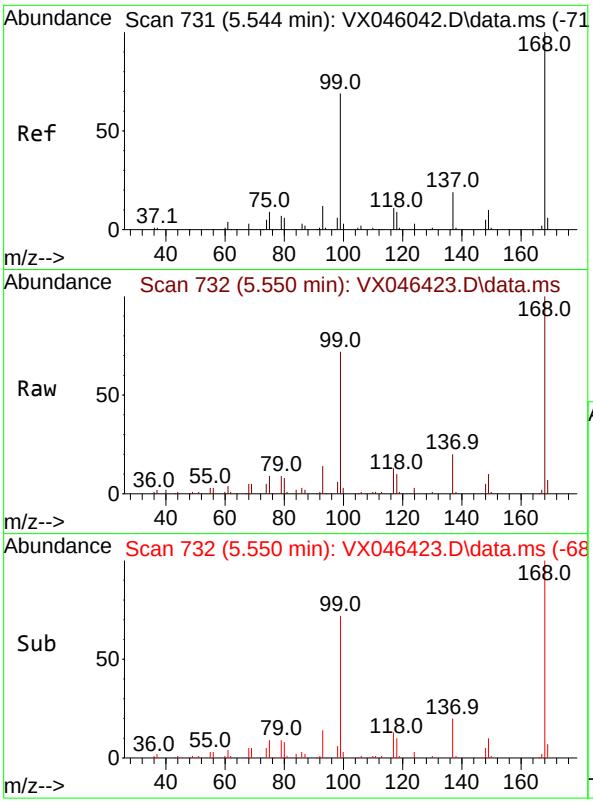
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Quant Time: May 30 23:30:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



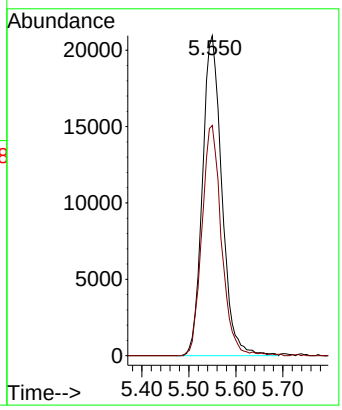


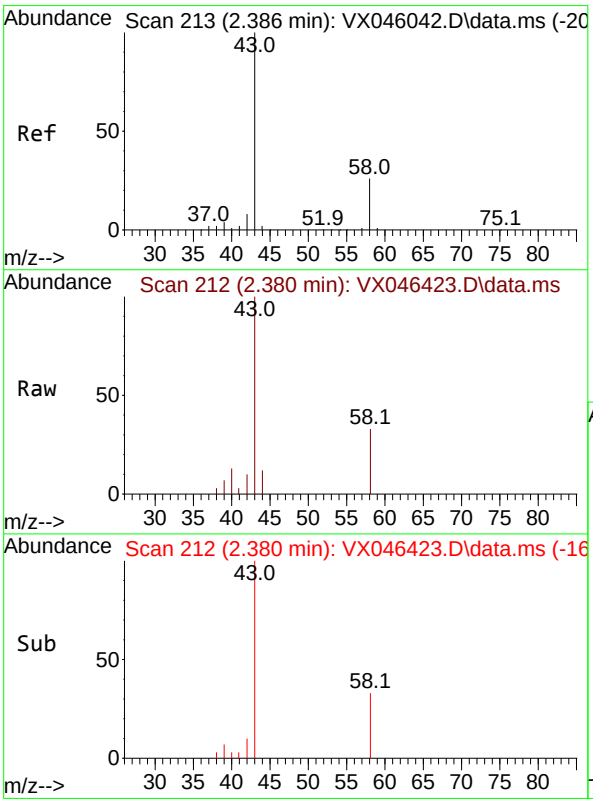
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion:168 Resp: 60158

Ion	Ratio	Lower	Upper
168	100		
99	72.0	54.9	82.3

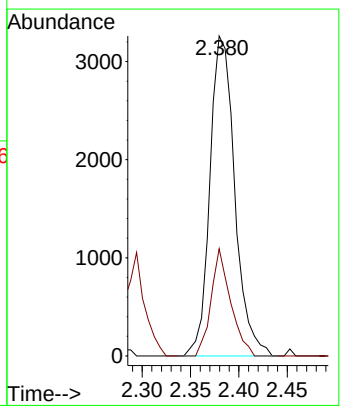


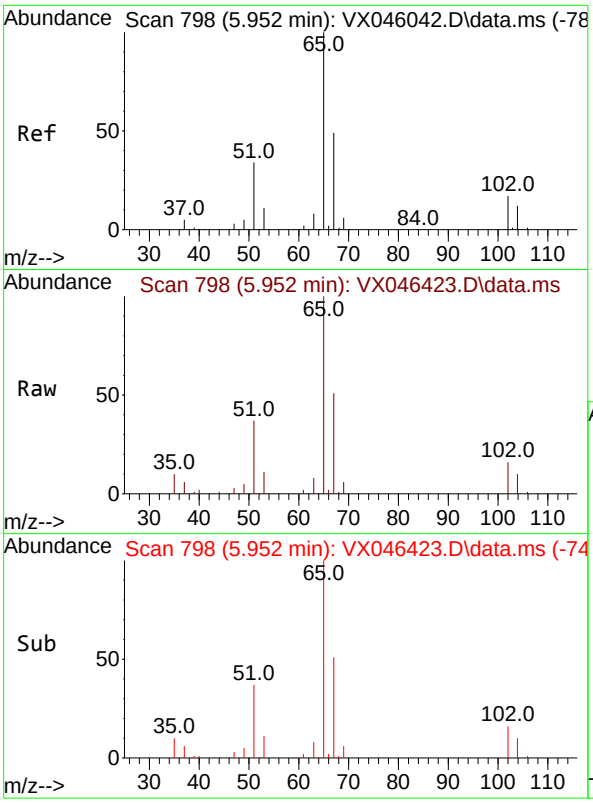


#16
Acetone
Concen: 12.945 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 43 Resp: 5821

Ion	Ratio	Lower	Upper
43	100		
58	33.5	21.2	31.8#



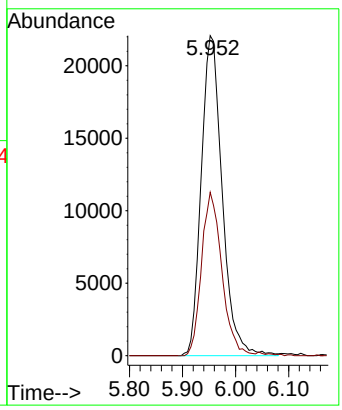


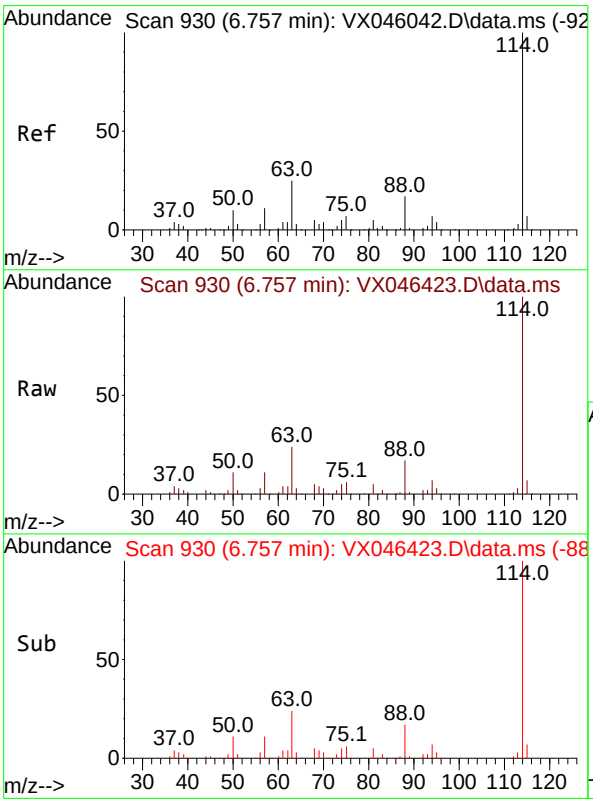
#33
1,2-Dichloroethane-d4
Concen: 54.061 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion: 65 Resp: 60632

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0

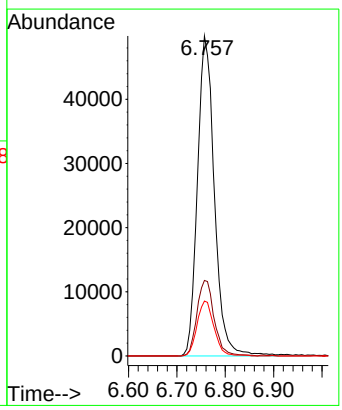


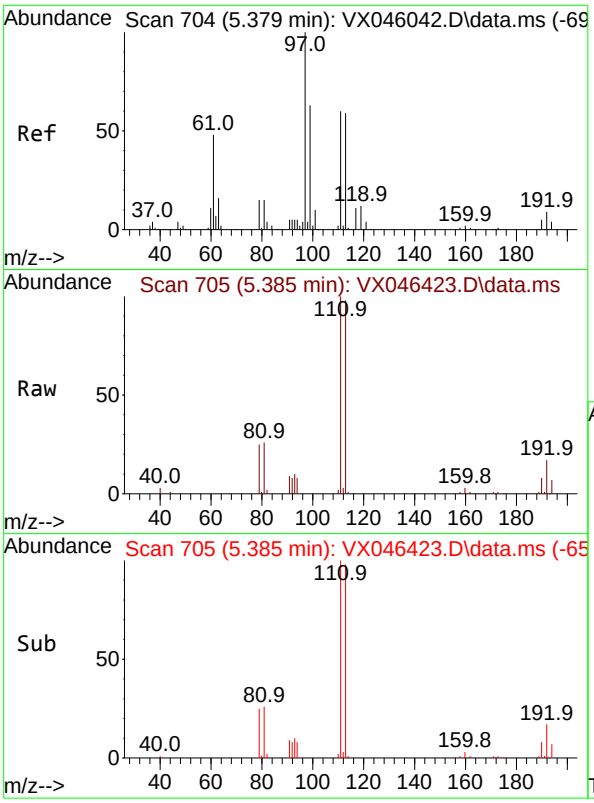


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion:114 Resp: 121355

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	49.2
88	17.2	0.0	33.6



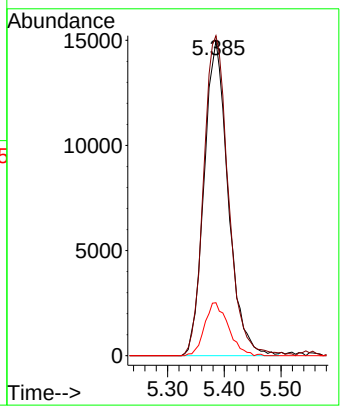


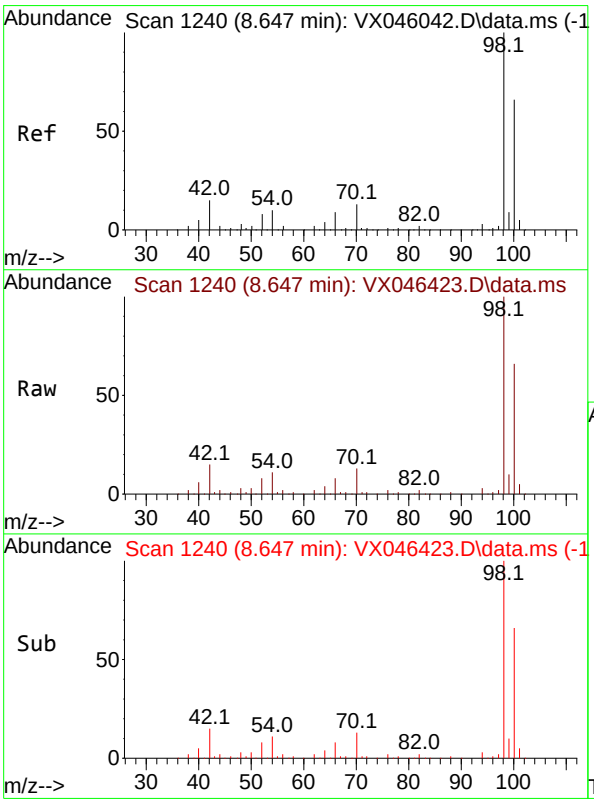
#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion:113 Resp: 44162

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	16.7	13.3	19.9

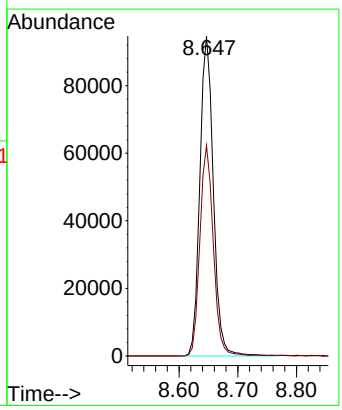


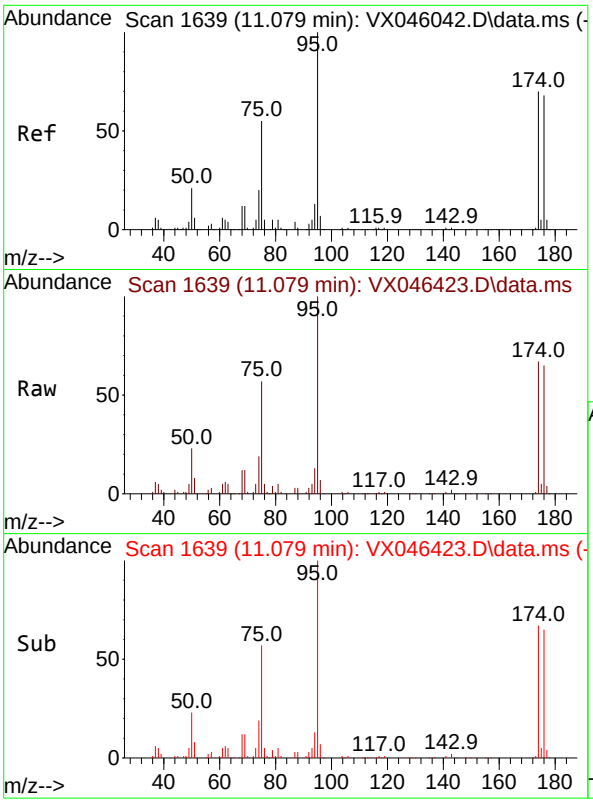


#50
Toluene-d8
Concen: 49.805 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 98 Resp: 150641

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.5	80.3



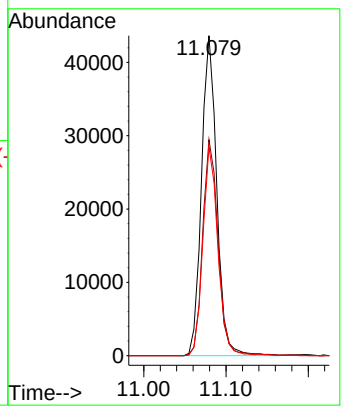


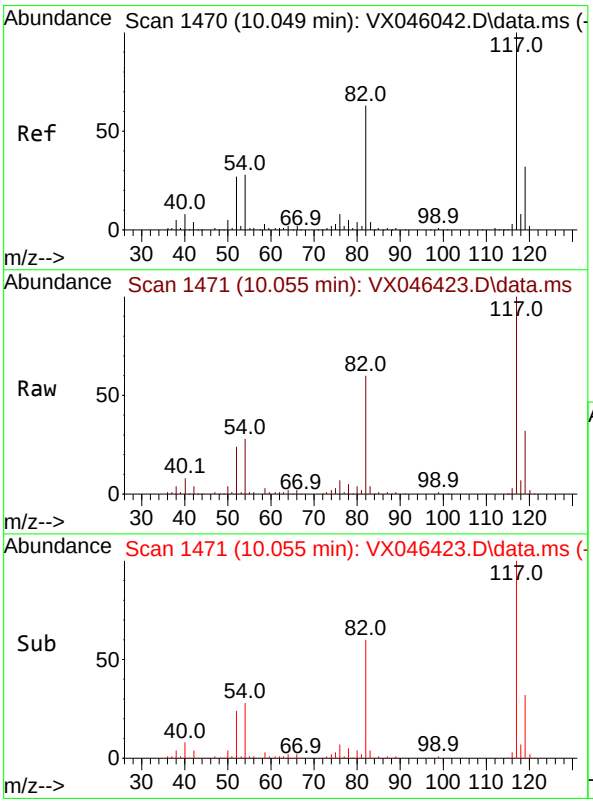
#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion: 95 Resp: 56303

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	135.8
176	64.7	0.0	131.4

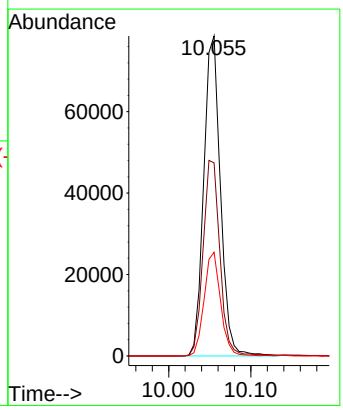


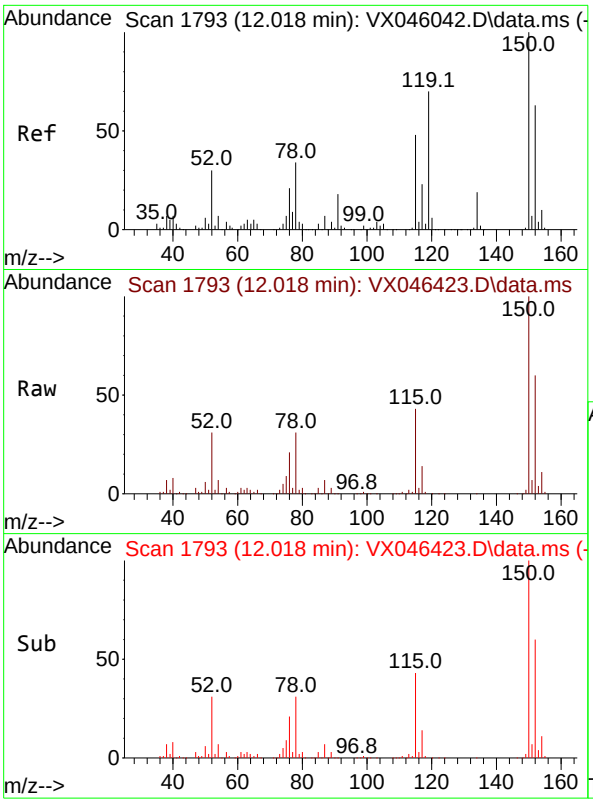


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion:117 Resp: 111155

Ion	Ratio	Lower	Upper
117	100		
82	60.4	50.6	76.0
119	32.4	25.8	38.6



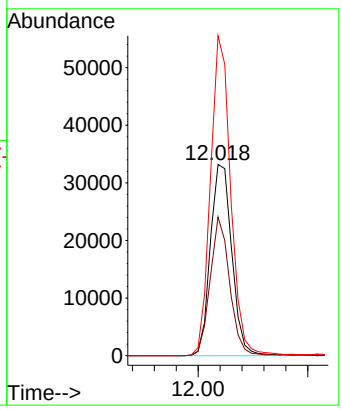


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Tgt Ion:152 Resp: 45099

Ion	Ratio	Lower	Upper
152	100		
115	66.3	46.9	140.7
150	158.1	0.0	351.0



Sample Results: **VX046423.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	68	rVB	6114	7672	1.80%	0.341%
2	1.581	70	81	83	rBV2	4034	8372	1.96%	0.372%
3	2.380	206	212	221	rBV	5354	9417	2.21%	0.419%
4	4.239	508	517	526	rBV4	1877	6056	1.42%	0.269%
5	5.385	693	705	720	rBV	51135	150520	35.26%	6.696%
6	5.550	722	732	749	rVB	71333	201820	47.27%	8.978%
7	5.952	787	798	815	rBV	60092	159458	37.35%	7.094%
8	6.757	921	930	943	rBV	129070	307486	72.02%	13.679%
9	8.647	1234	1240	1257	rBV	268105	426933	100.00%	18.992%
10	10.055	1465	1471	1483	rBV	262750	378756	88.72%	16.849%
11	11.079	1634	1639	1654	rBV	214410	277561	65.01%	12.347%
12	11.408	1684	1693	1697	rBV4	2157	4372	1.02%	0.194%
13	12.018	1788	1793	1803	rBV	242690	309503	72.49%	13.768%

Sum of corrected areas: 2247926

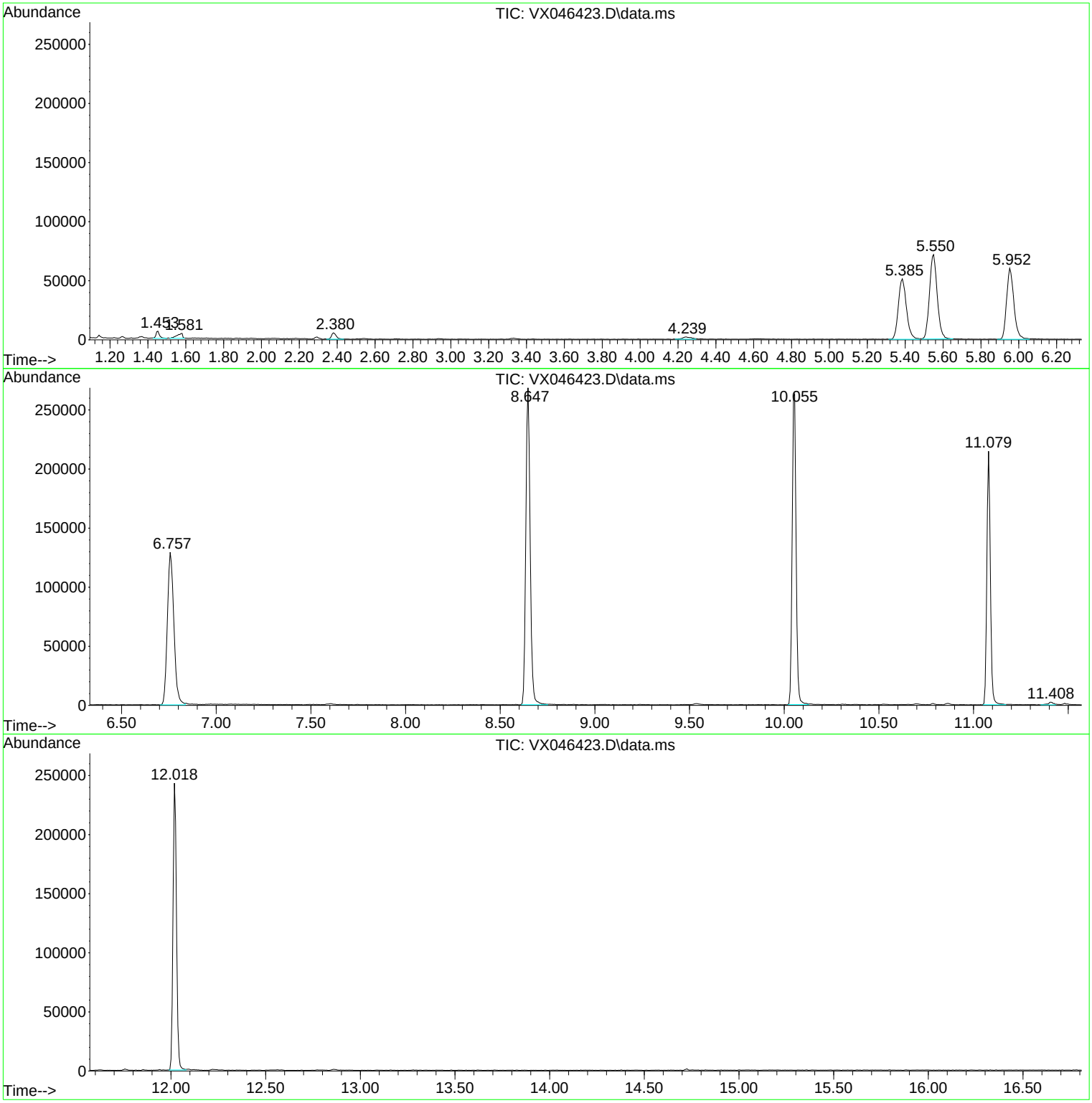
Sample Results: **VX046423.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046423.D
Acq On : 30 May 2025 15:49
Operator : JC/MD
Sample : Q2162-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-640-642	SDG No.:	Q2162
Lab Sample ID:	Q2162-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046424.D	1		05/30/25 16:12	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	28.7		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-640-642	SDG No.:	Q2162
Lab Sample ID:	Q2162-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046424.D	1		05/30/25 16:12	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.8		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	50.4		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	58100	5.55				
540-36-3	1,4-Difluorobenzene	118000	6.757				
3114-55-4	Chlorobenzene-d5	112000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	47400	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-640-642	SDG No.:	Q2162
Lab Sample ID:	Q2162-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046424.D	1		05/30/25 16:12	VX053025

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

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Quant Time: May 30 23:30:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

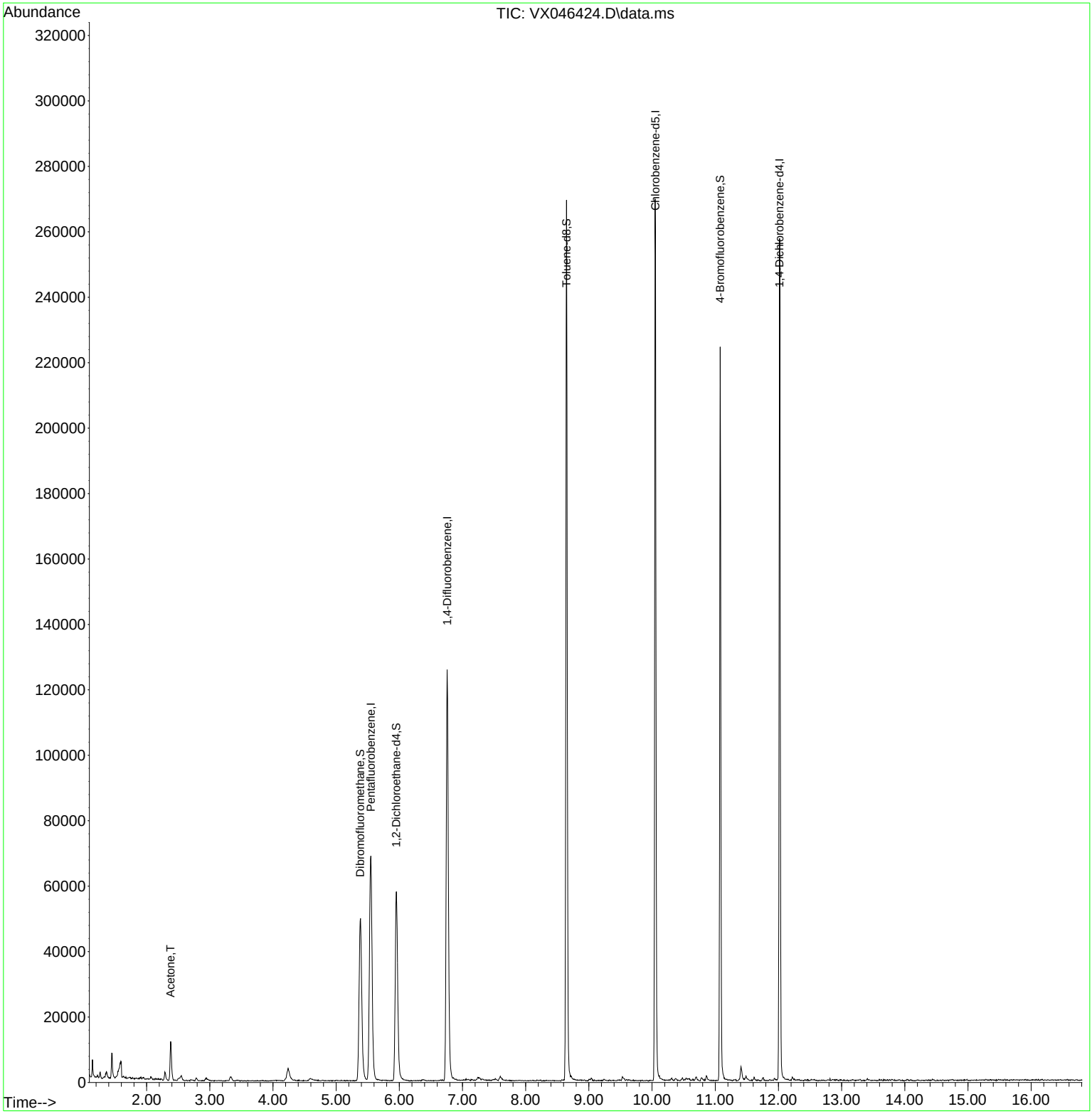
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	58123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59428	54.843	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.680%			
35) Dibromofluoromethane	5.379	113	43790	51.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	8.647	98	148211	50.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	57150	50.711	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.420%			
Target Compounds						Qvalue
16) Acetone	2.380	43	12475	28.713	ug/l	99

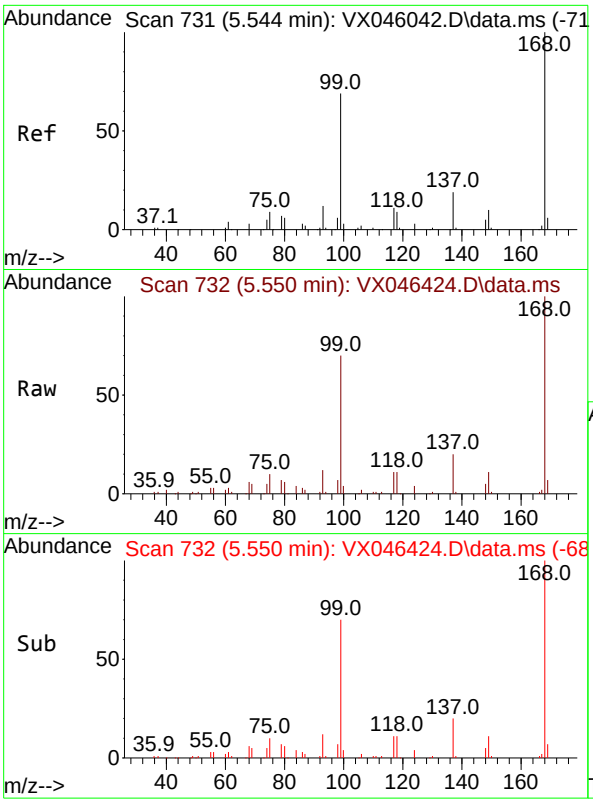
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Quant Time: May 30 23:30:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



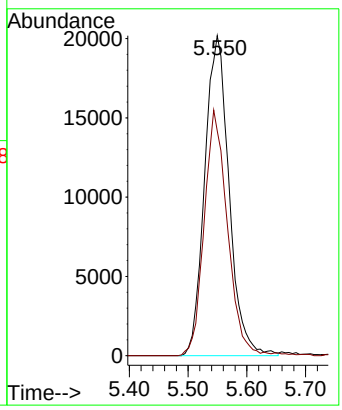


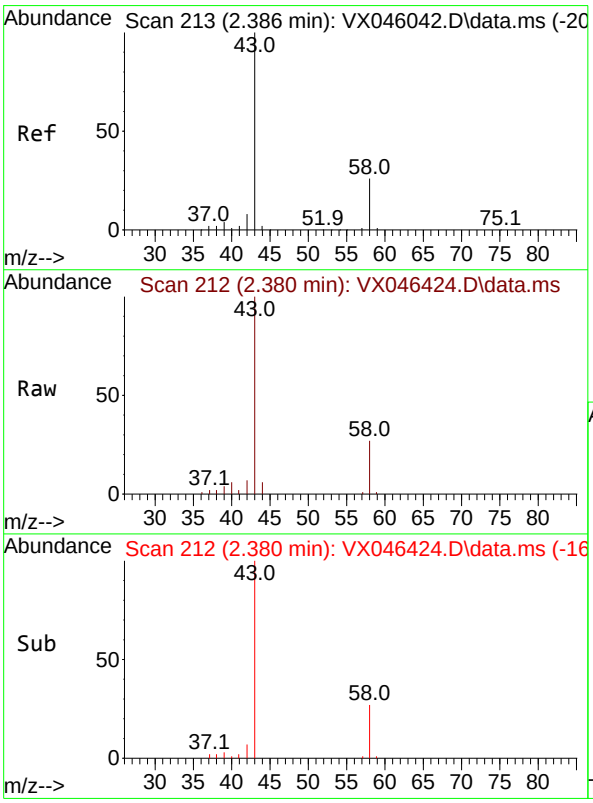
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion:168 Resp: 58123

Ion	Ratio	Lower	Upper
168	100		
99	70.2	54.9	82.3

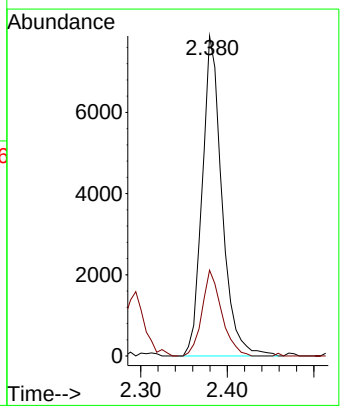


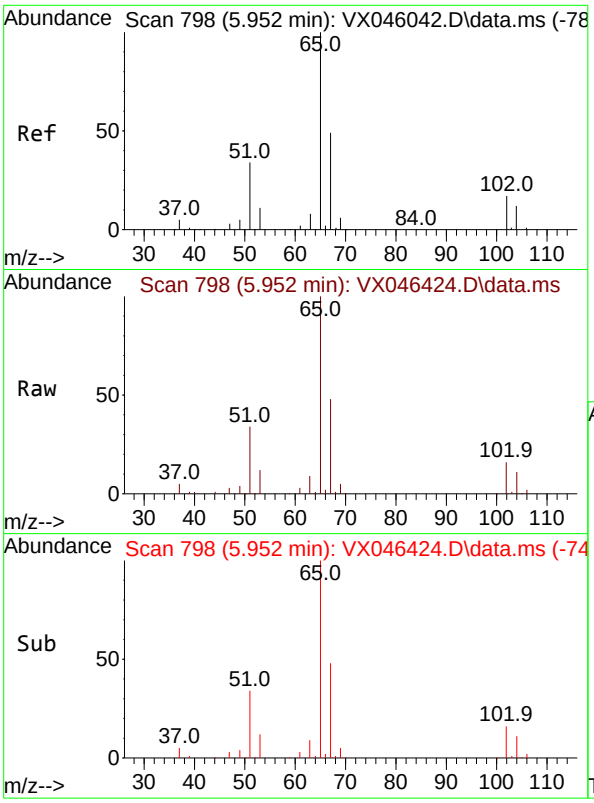


#16
Acetone
Concen: 28.713 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion: 43 Resp: 12475

Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.2	31.8



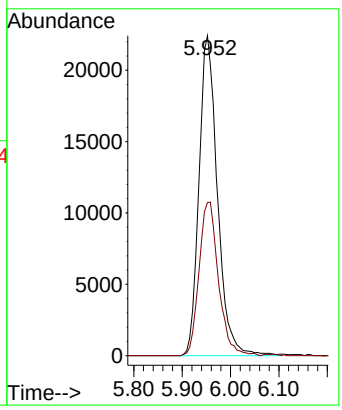


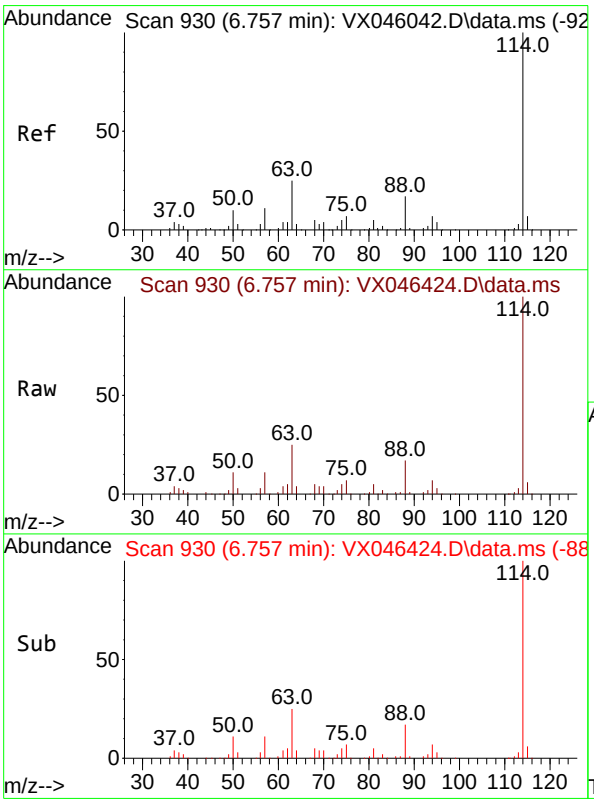
#33
1,2-Dichloroethane-d4
Concen: 54.843 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion: 65 Resp: 59428

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.0

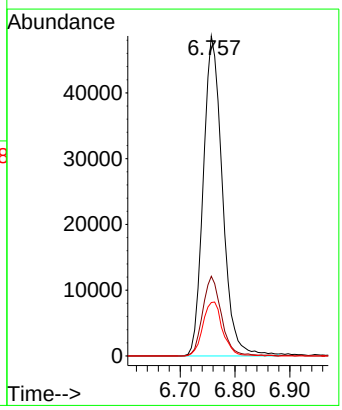


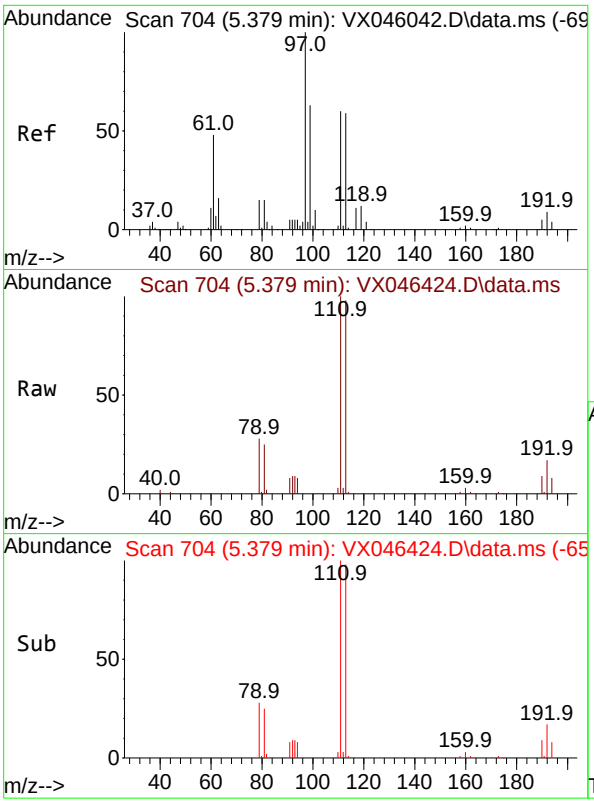


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion:114 Resp: 117880

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	16.7	0.0	33.6



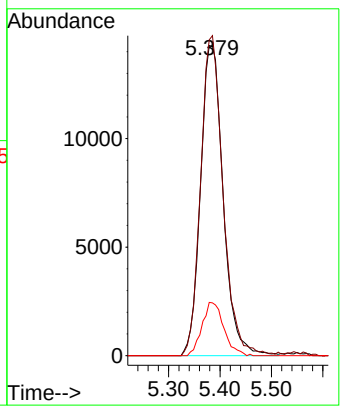


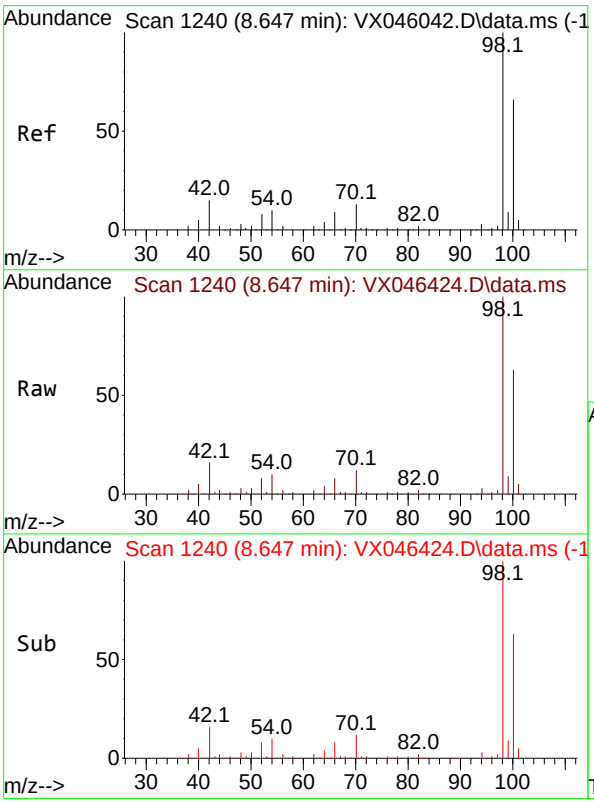
#35
Dibromofluoromethane
Concen: 51.587 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion:113 Resp: 43790

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	16.5	13.3	19.9

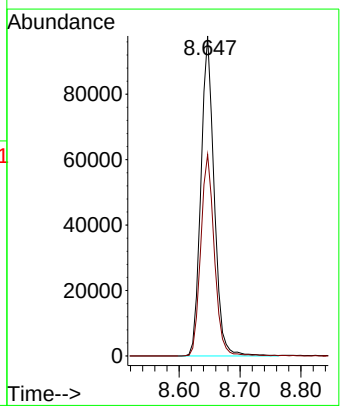


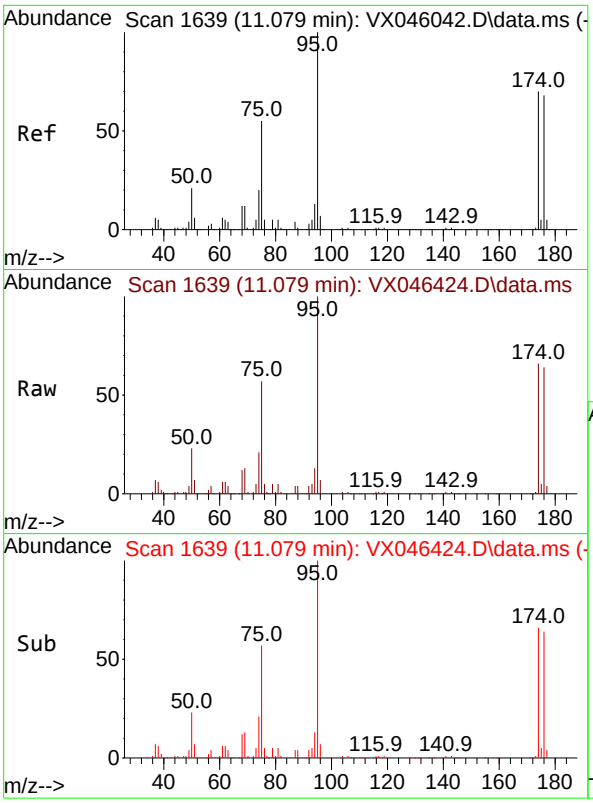


#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion: 98 Resp: 148211

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.5	80.3



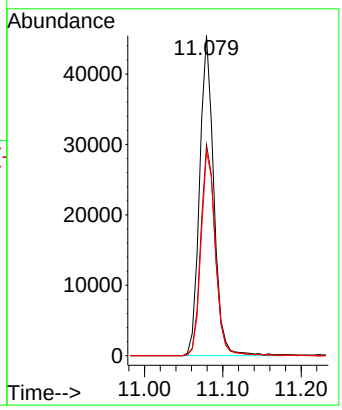


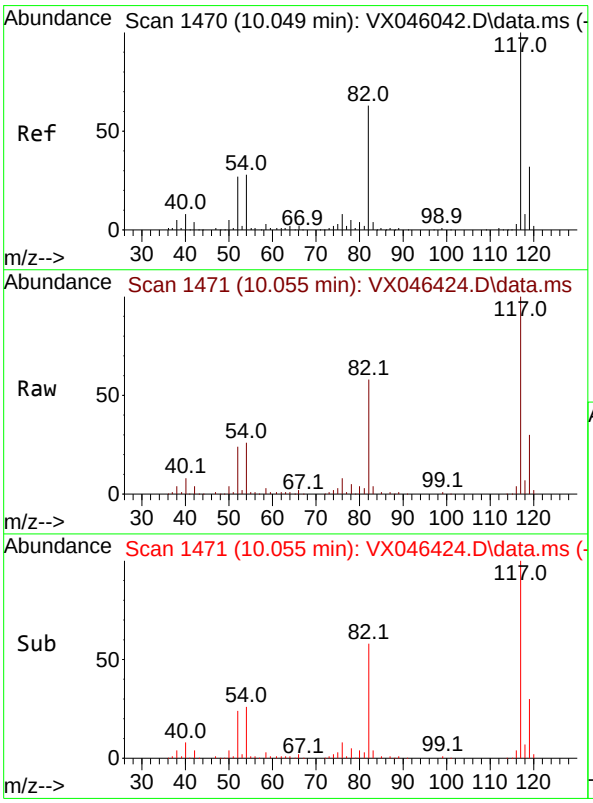
#62
4-Bromofluorobenzene
Concen: 50.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion: 95 Resp: 57150

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	64.8	0.0	131.4

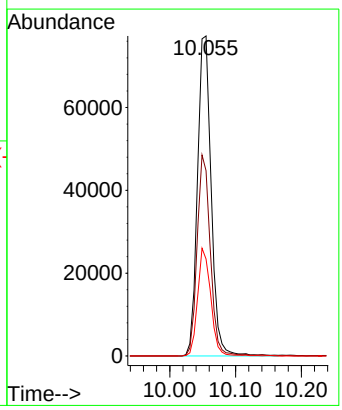


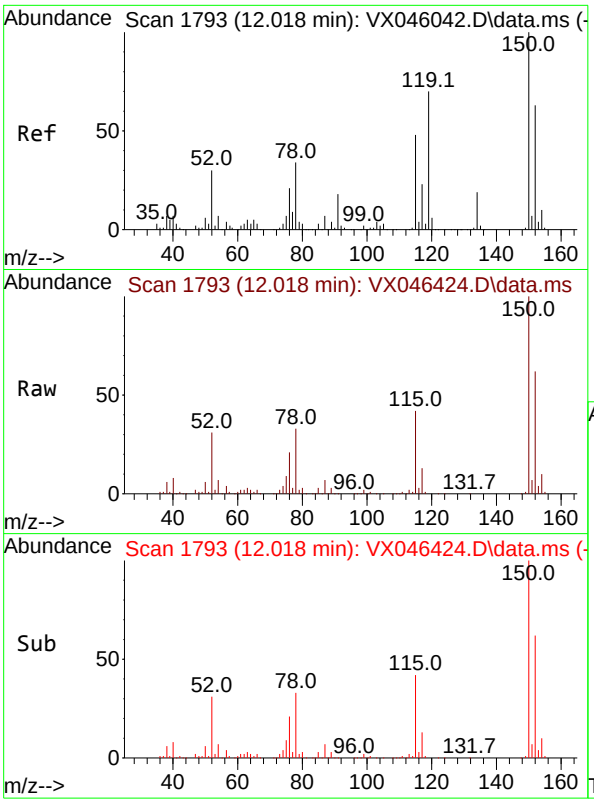


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Tgt Ion:117 Resp: 112123

Ion	Ratio	Lower	Upper
117	100		
82	57.9	50.6	76.0
119	30.3	25.8	38.6



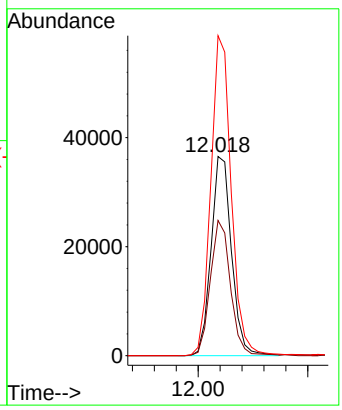


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046424.D
Acq: 30 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Tgt Ion:152 Resp: 47411

Ion	Ratio	Lower	Upper
152	100		
115	66.9	46.9	140.7
150	160.5	0.0	351.0



LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.142	6	9	16	rVB2	5370	4950	1.20%	0.217%
2	1.447	56	59	67	rBV	7623	9818	2.38%	0.431%
3	1.593	67	83	86	rBV2	5156	14554	3.53%	0.639%
4	2.288	192	197	205	rVB	2667	4501	1.09%	0.198%
5	2.380	205	212	220	rBV	11959	19340	4.69%	0.849%
6	4.239	504	517	531	rBV5	3813	12924	3.13%	0.567%
7	5.385	694	705	722	rBV	49610	147232	35.69%	6.464%
8	5.550	722	732	747	rVB2	68404	196482	47.63%	8.626%
9	5.952	788	798	814	rBV2	57830	156302	37.89%	6.862%
10	6.757	922	930	944	rBV	125594	301385	73.06%	13.231%
11	8.647	1234	1240	1250	rBV	268935	412536	100.00%	18.111%
12	10.049	1465	1470	1480	rBV	269472	379161	91.91%	16.646%
13	11.079	1634	1639	1651	rBV	224164	282245	68.42%	12.391%
14	11.408	1684	1693	1700	rBV2	4269	8536	2.07%	0.375%
15	12.018	1788	1793	1803	rBV	256975	327887	79.48%	14.395%

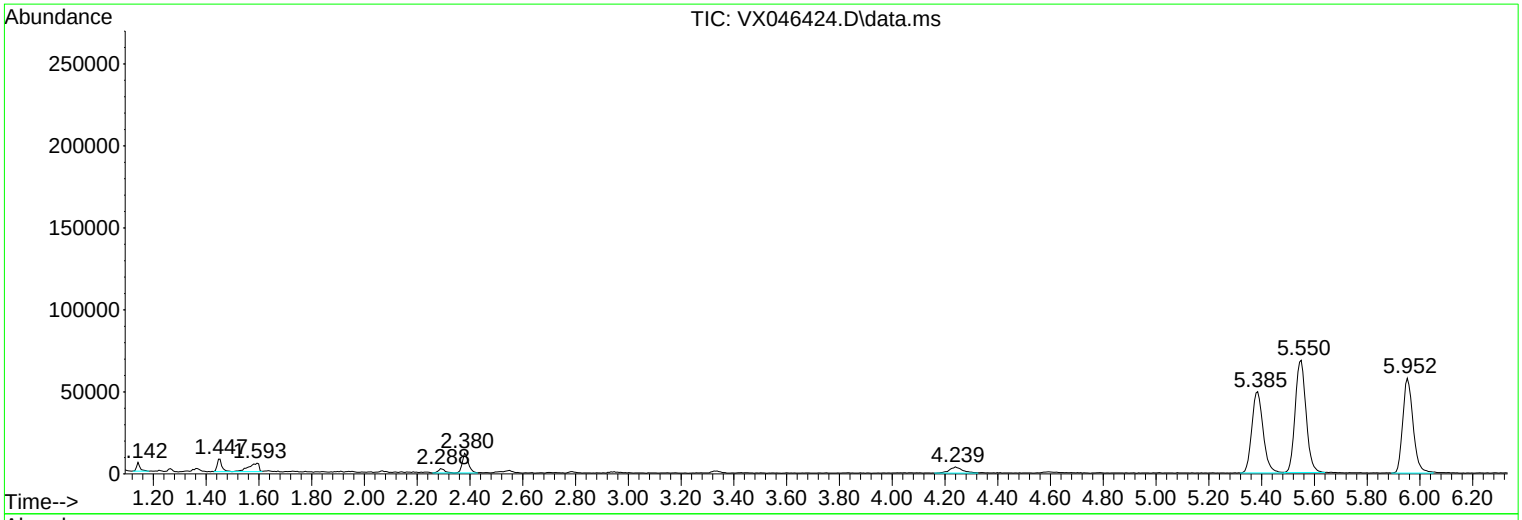
Sum of corrected areas: 2277853

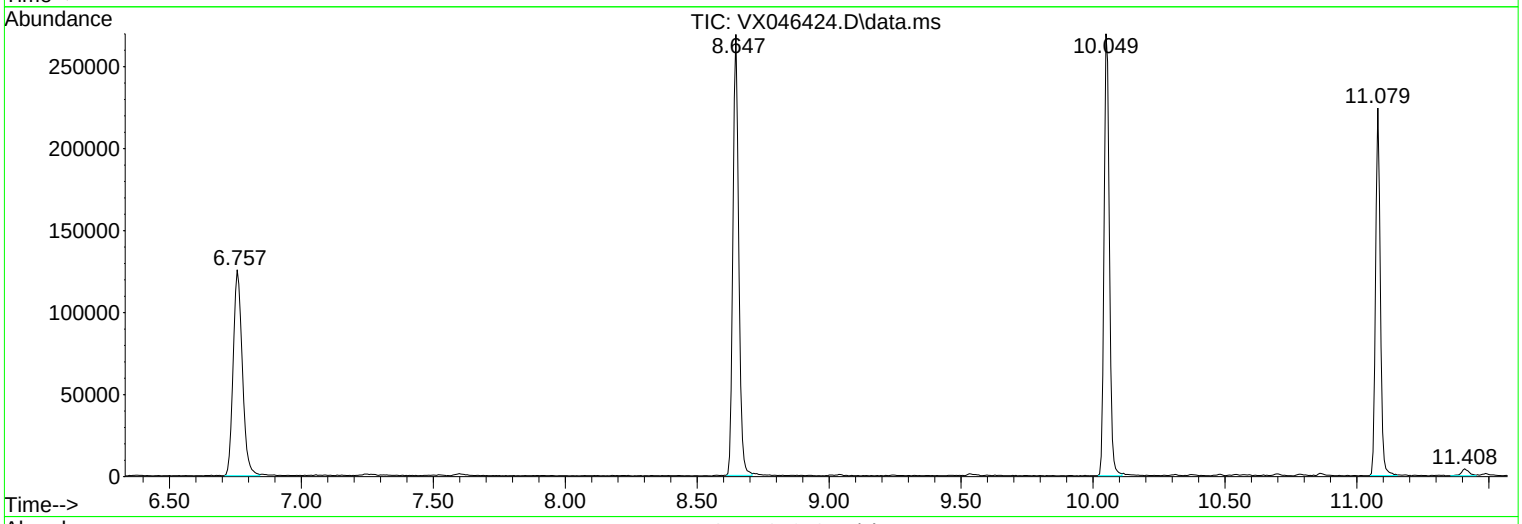
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

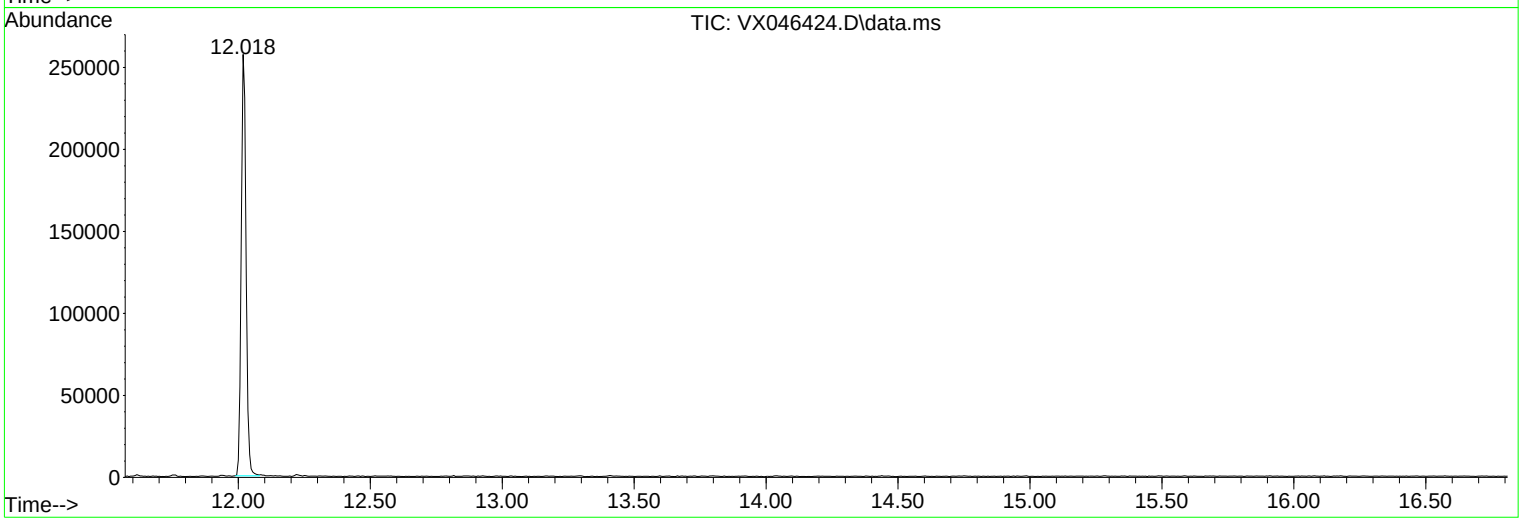
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046424.D
Acq On : 30 May 2025 16:12
Operator : JC/MD
Sample : Q2162-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-640-642

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-EB-20250529	SDG No.:	Q2162
Lab Sample ID:	Q2162-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046427.D	1		05/30/25 17:23	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	110		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	2.30		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	15.1		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-EB-20250529	SDG No.:	Q2162
Lab Sample ID:	Q2162-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046427.D	1		05/30/25 17:23	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.7		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.9		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	61500	5.55				
540-36-3	1,4-Difluorobenzene	125000	6.757				
3114-55-4	Chlorobenzene-d5	118000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	46500	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/29/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-EB-20250529	SDG No.:	Q2162
Lab Sample ID:	Q2162-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046427.D	1		05/30/25 17:23	VX053025

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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:32:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	61473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62662	54.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	46103	51.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	158514	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	59228	49.538	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.080%			
Target Compounds						Qvalue
16) Acetone	2.380	43	50891	110.750	ug/l	97
20) Methylene Chloride	2.782	84	1993	2.263	ug/l #	89
25) 2-Butanone	4.568	43	10062	15.083	ug/l	99
29) Tetrahydrofuran	5.038	42	2363m	5.653	ug/l	

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

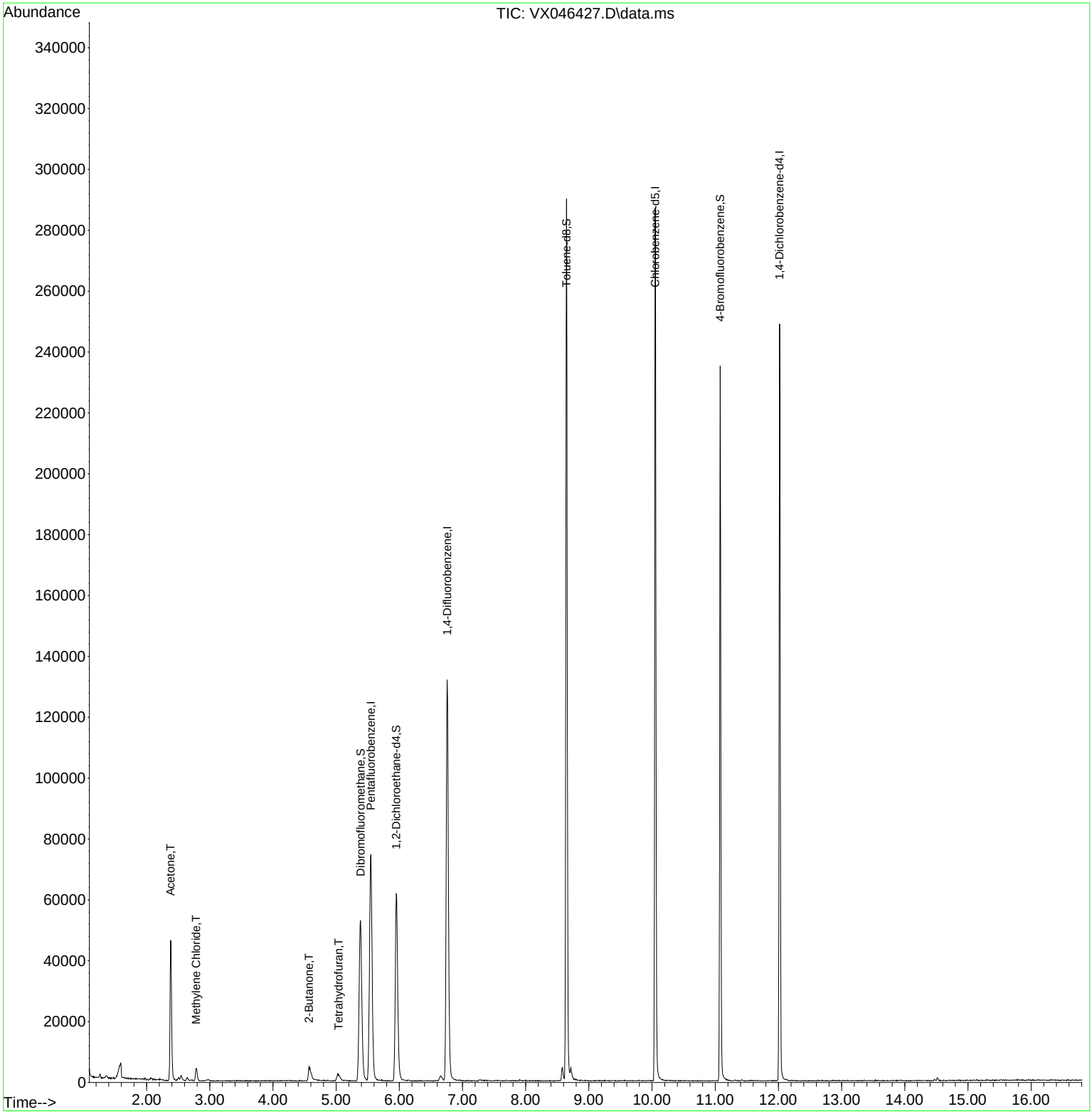
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Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

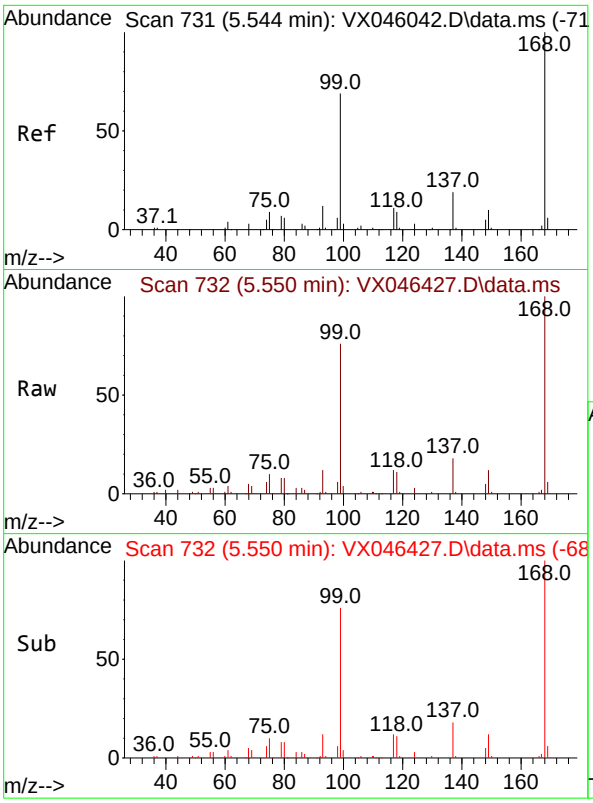
Quant Time: May 30 23:32:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

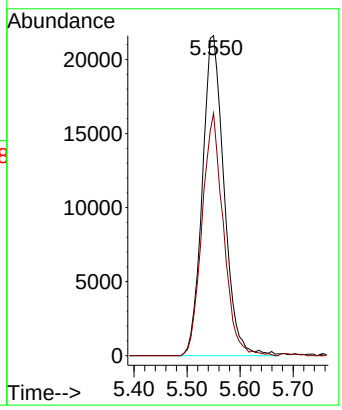




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:168 Resp: 6147

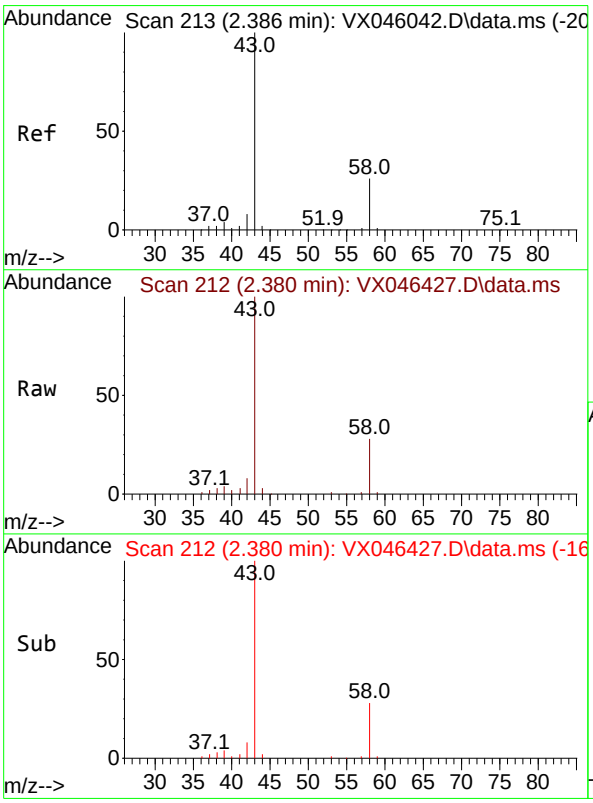
Ion	Ratio	Lower	Upper
168	100		
99	75.7	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

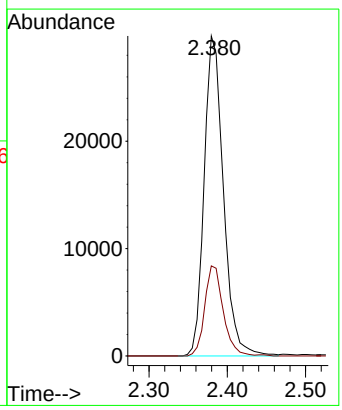
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

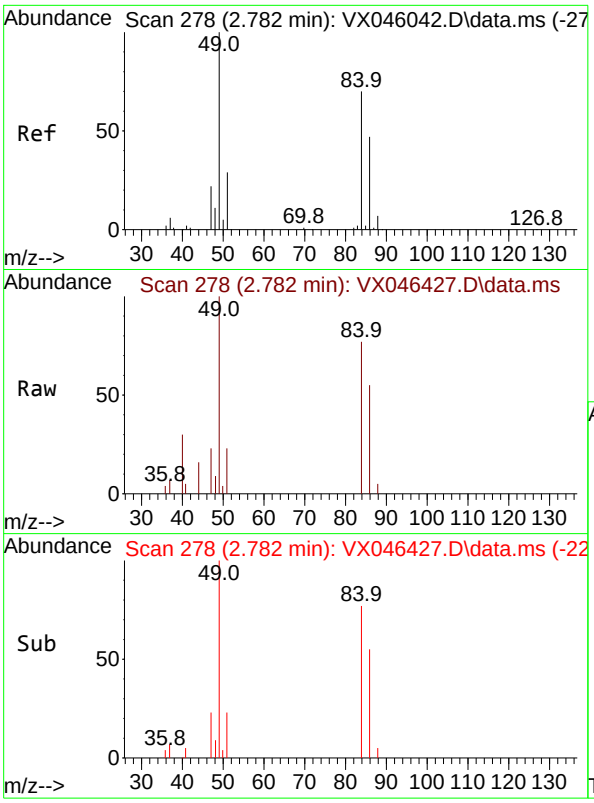


#16
Acetone
Concen: 110.750 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 50891

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8

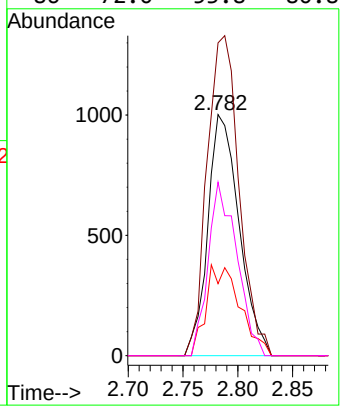




#20
Methylene Chloride
Concen: 2.263 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 84 Resp: 199

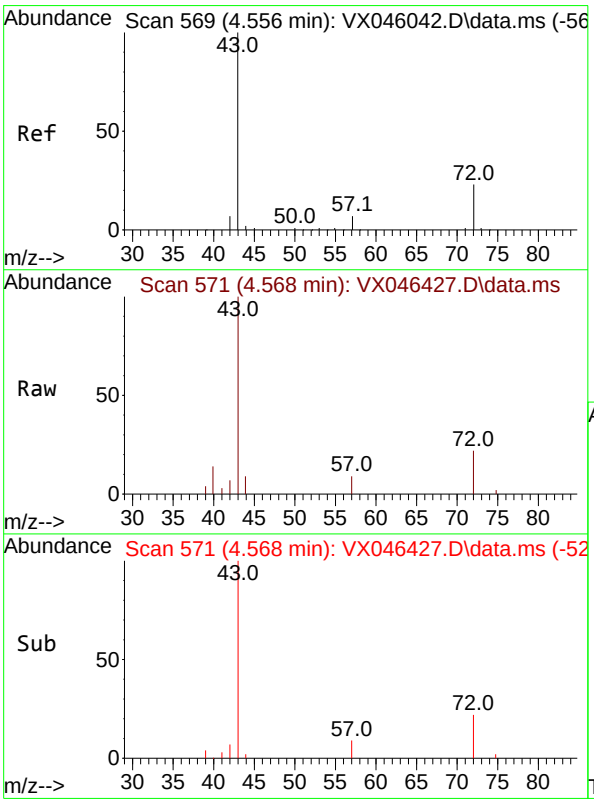
Ion	Ratio	Lower	Upper
84	100		
49	129.7	113.9	170.9
51	29.8	33.5	50.3#
86	72.0	53.8	80.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

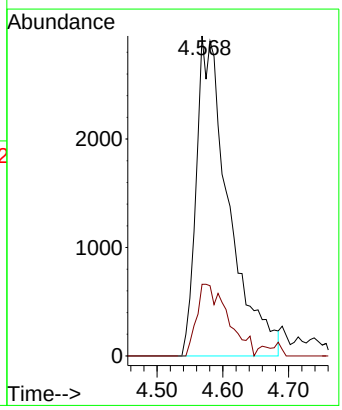
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

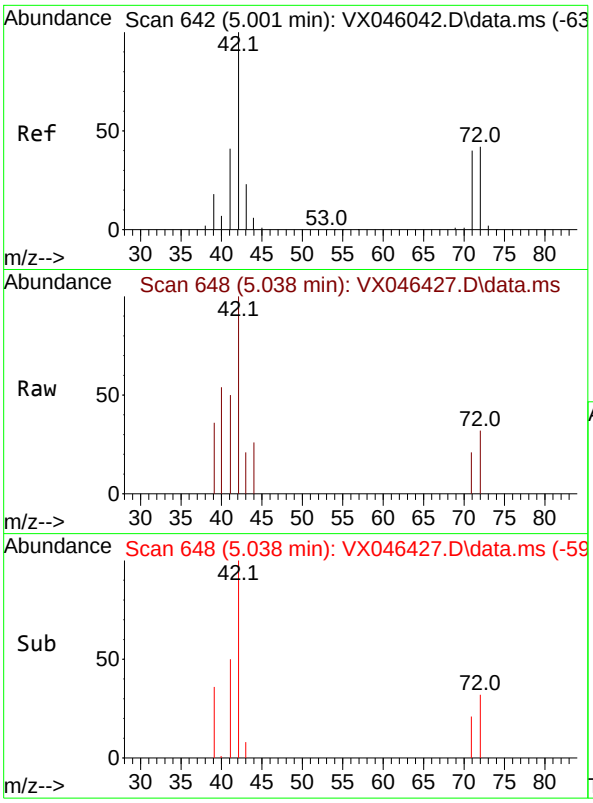


#25
2-Butanone
Concen: 15.083 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 10062

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.4	27.6





#29
Tetrahydrofuran
Concen: 5.653 ug/l m
RT: 5.038 min Scan# 64
Delta R.T. 0.036 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

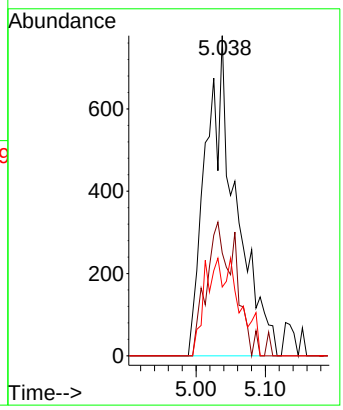
Tgt Ion: 42 Resp: 236

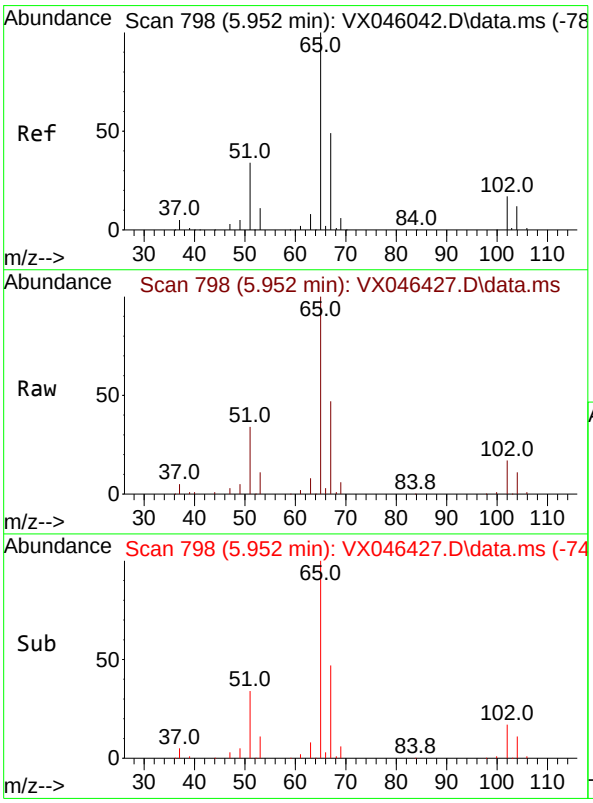
Ion	Ratio	Lower	Upper
42	100		
72	39.3	33.7	50.5
71	17.6	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

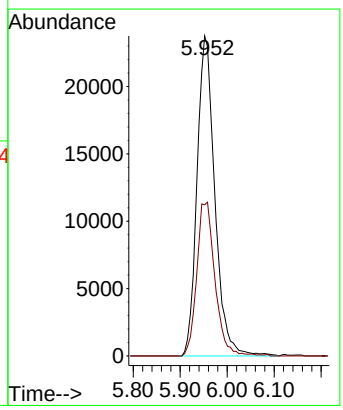


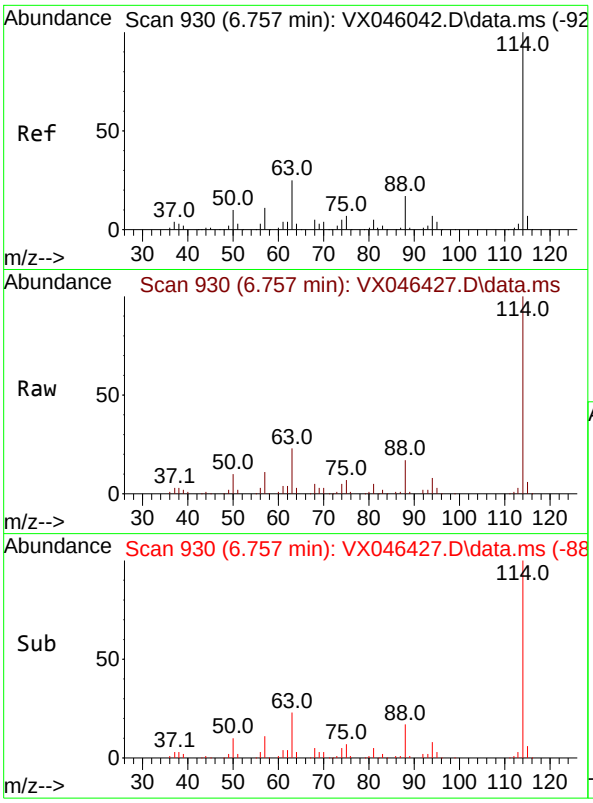


#33
1,2-Dichloroethane-d4
Concen: 54.676 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 65 Resp: 62662

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0

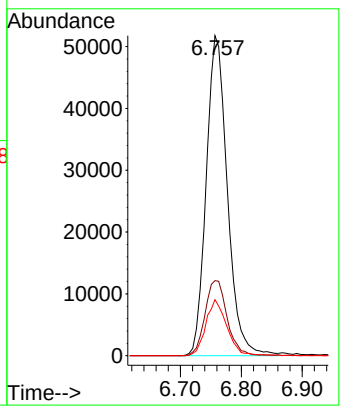




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:114 Resp: 12505

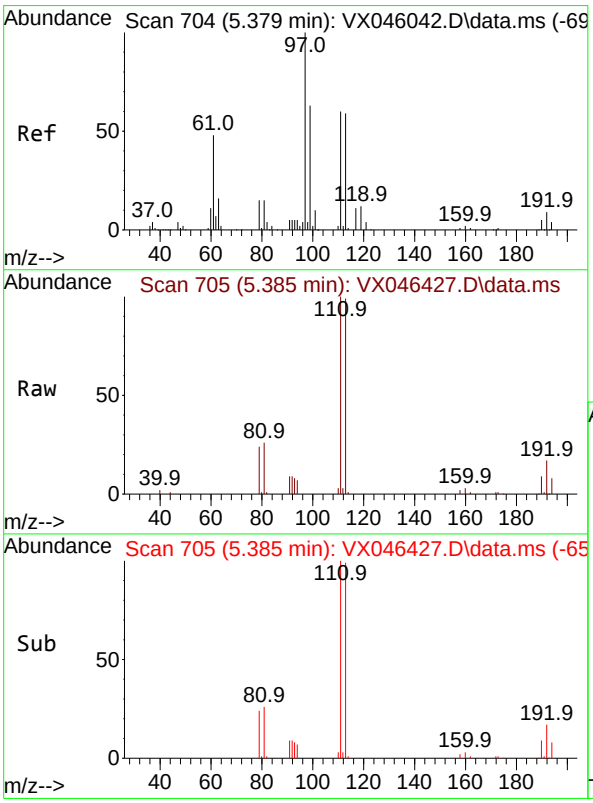
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	17.5	0.0	33.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

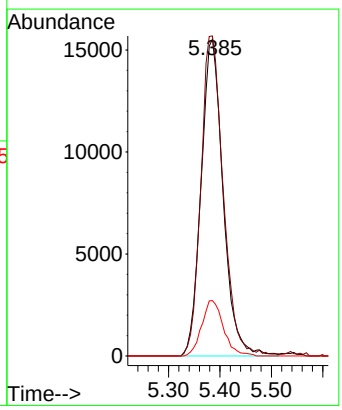
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

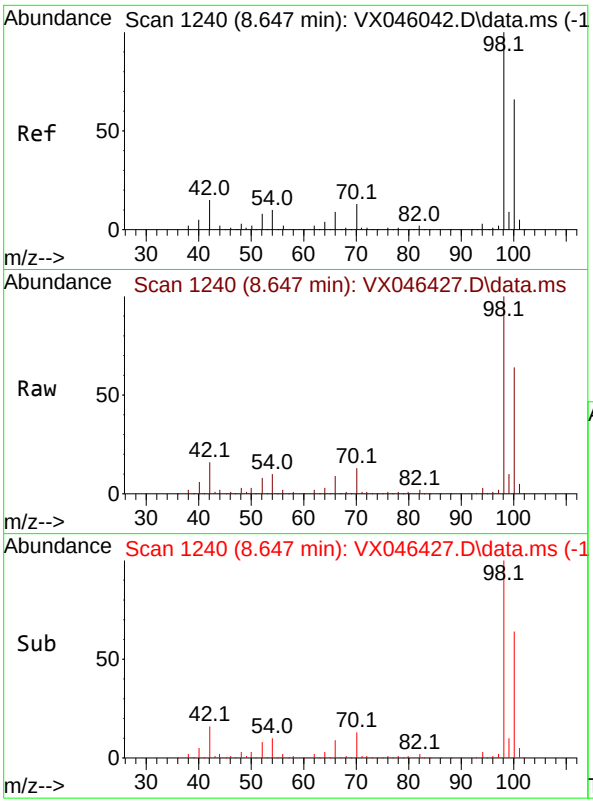


#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:113 Resp: 46103

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	17.4	13.3	19.9





#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

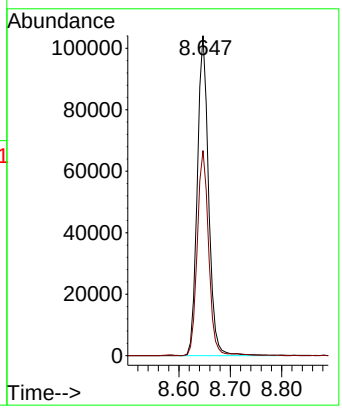
Tgt Ion: 98 Resp: 15851

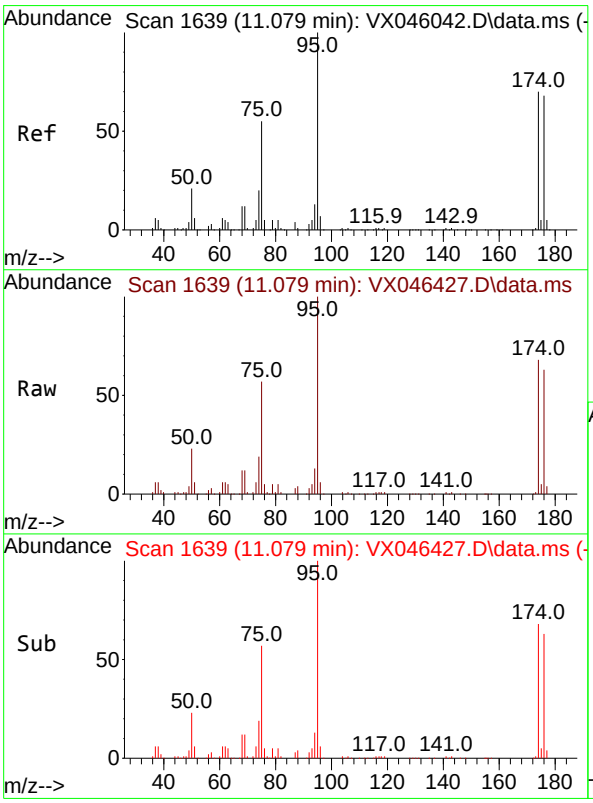
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

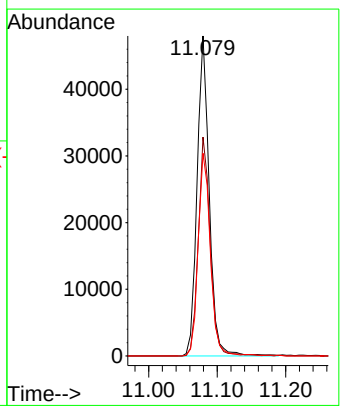


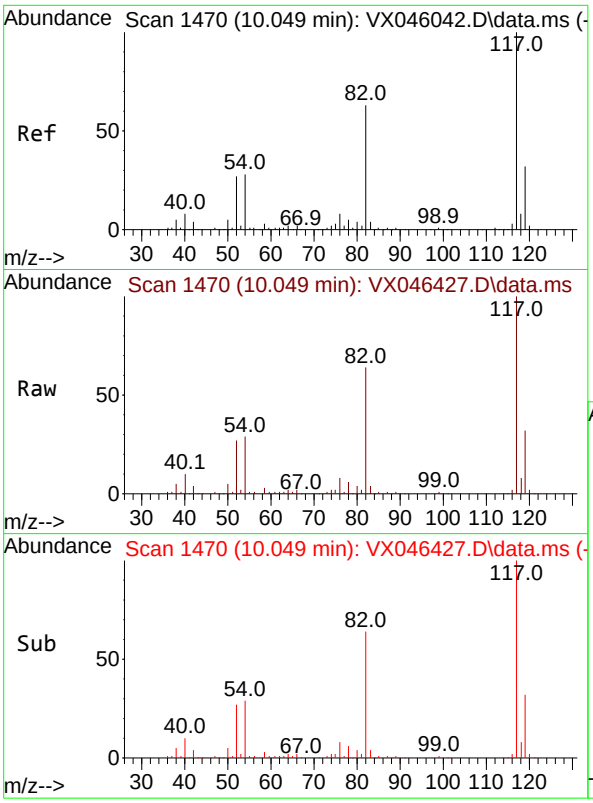


#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 95 Resp: 59228

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	63.4	0.0	131.4

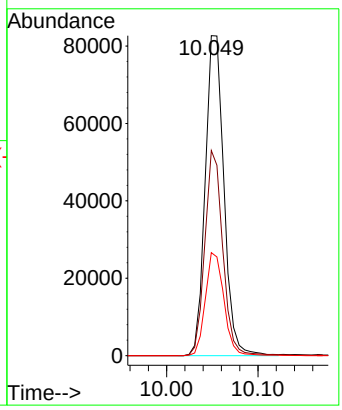




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:117 Resp: 11770

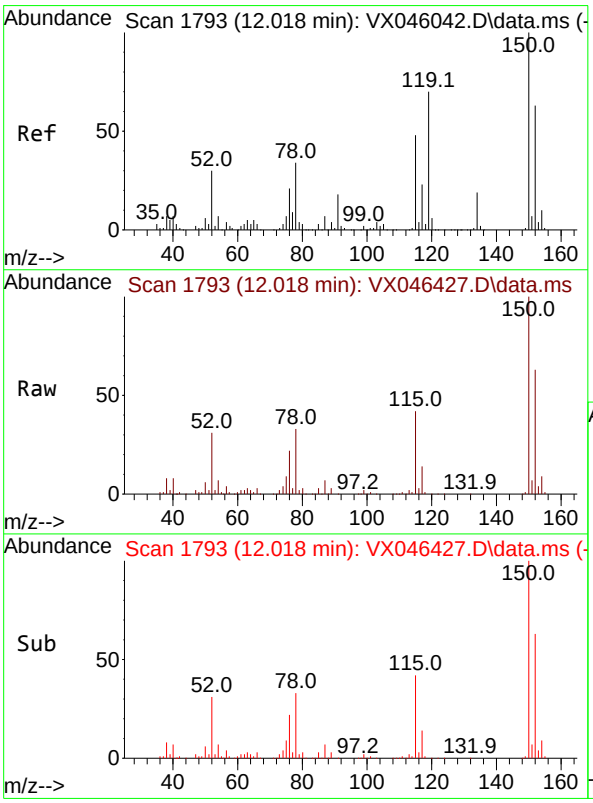
Ion	Ratio	Lower	Upper
117	100		
82	64.1	50.6	76.0
119	32.2	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Manual Integrations
APPROVED

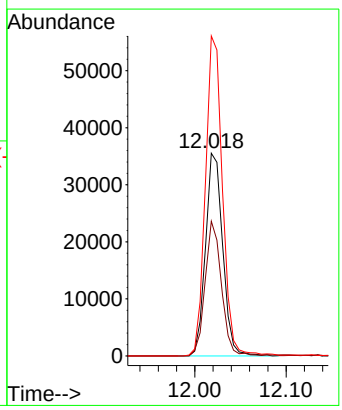
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:152 Resp: 46505

Ion	Ratio	Lower	Upper
152	100		
115	62.9	46.9	140.7
150	156.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	73	82	86	rVB3	4713	12032	2.72%	0.497%
2	2.380	202	212	221	rBV	46193	78189	17.68%	3.227%
3	2.782	272	278	288	rVB2	4152	8560	1.94%	0.353%
4	4.568	565	571	572	rBV	4521	5225	1.18%	0.216%
5	5.385	693	705	722	rBV2	52797	157576	35.63%	6.504%
6	5.550	722	732	748	rVV	74191	209827	47.44%	8.660%
7	5.952	789	798	813	rBV	61536	162867	36.82%	6.722%
8	6.653	907	913	921	rBV3	1596	4503	1.02%	0.186%
9	6.757	921	930	951	rVV	131616	320020	72.36%	13.208%
10	8.580	1224	1229	1234	rBV2	4322	7632	1.73%	0.315%
11	8.647	1234	1240	1249	rVV	289580	442283	100.00%	18.255%
12	8.714	1249	1251	1259	rVB2	3888	6460	1.46%	0.267%
13	10.049	1465	1470	1481	rBV	286843	400723	90.60%	16.539%
14	11.079	1634	1639	1654	rBV	234911	291499	65.91%	12.031%
15	12.018	1788	1793	1804	rBV	248626	315454	71.32%	13.020%

Sum of corrected areas: 2422850

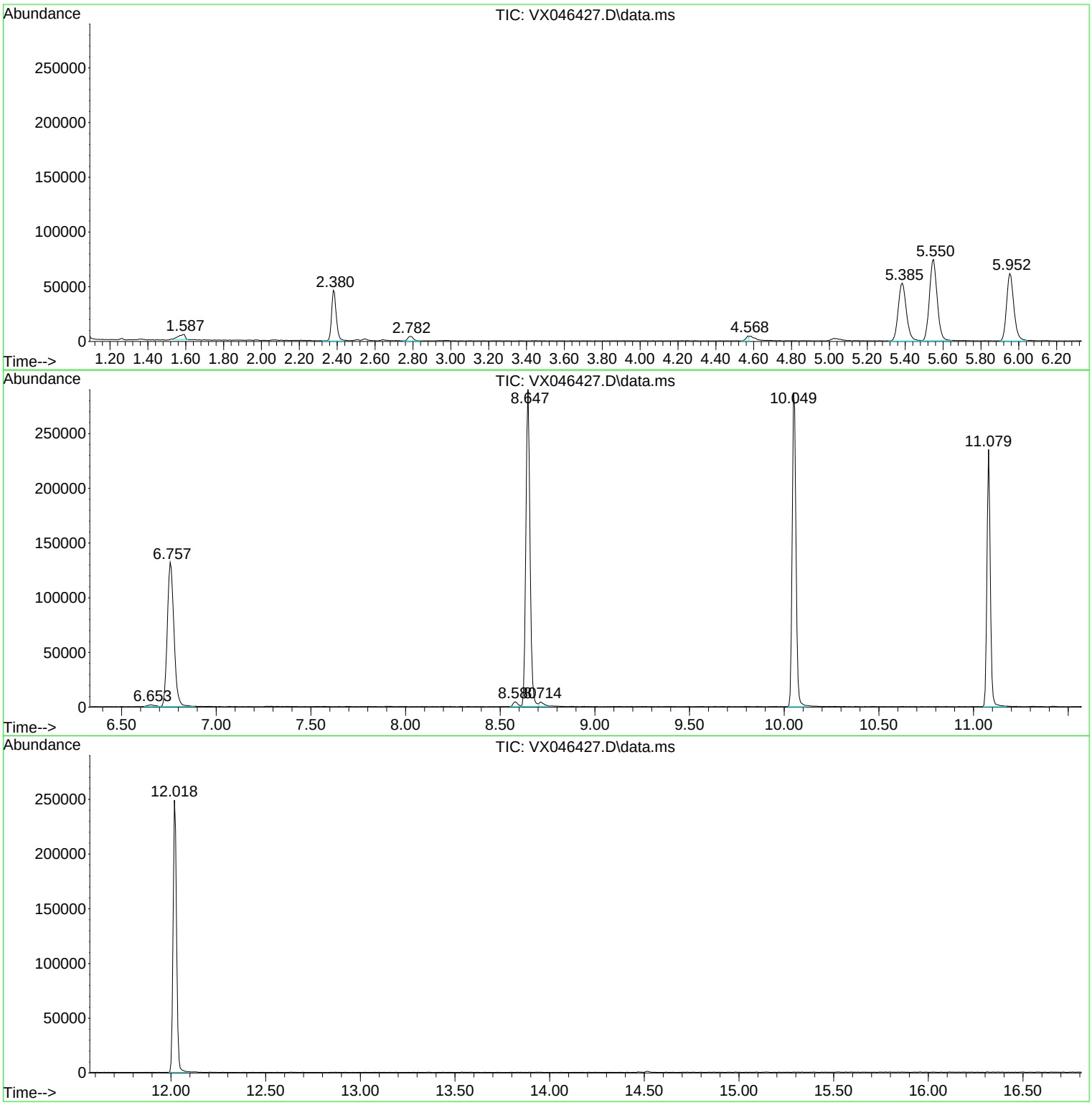
Sample Results: **VX046427.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025
Response Via : Initial Calibration

Calibration Files
1 =VX046047.D 5 =VX046046.D 20 =VX046041.D 50 =VX046042.D 100 =VX046043.D 150 =VX046044.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.658	0.639	0.697	0.864	0.859	0.875	0.765	14.62
3)	P	Chloromethane	0.694	0.679	0.727	0.775	0.787	0.791	0.742	6.58
4)	C	Vinyl Chloride	0.673	0.619	0.660	0.710	0.727	0.755	0.691	7.17#
5)	T	Bromomethane		0.305	0.296	0.326	0.340	0.334	0.320	5.84
6)	T	Chloroethane	0.467	0.368	0.354	0.378	0.329	0.317	0.369	14.44
7)	T	Trichlorofluor...	1.064	0.990	1.035	1.068	0.983	0.985	1.021	3.92
8)	T	Diethyl Ether	0.403	0.311	0.340	0.337	0.338	0.355	0.347	8.83
9)	T	1,1,2-Trichlor...	0.633	0.610	0.628	0.641	0.629	0.648	0.632	2.10
10)	T	Methyl Iodide		0.608	0.767	0.806	0.793	0.763	0.747	10.68
11)	T	Tert butyl alc...		0.114	0.122	0.129	0.144	0.146	0.131	10.45
12)	CM	1,1-Dichloroet...	0.594	0.567	0.565	0.601	0.607	0.625	0.593	3.94#
13)	T	Acrolein		0.117	0.158	0.152	0.154	0.163	0.149	12.33
14)	T	Allyl chloride	1.052	1.058	1.127	1.179	1.187	1.196	1.133	5.75
15)	T	Acrylonitrile	0.363	0.345	0.378	0.388	0.381	0.390	0.374	4.52
16)	T	Acetone	0.380	0.408	0.361	0.362	0.361	0.370	0.374	4.90
17)	T	Carbon Disulfide	1.423	1.141	1.295	1.455	1.522	1.597	1.406	11.68
18)	T	Methyl Acetate	1.006	0.816	0.814	0.848	0.845	0.875	0.867	8.27
19)	T	Methyl tert-bu...	1.949	1.908	2.044	2.160	2.172	2.239	2.079	6.39
20)	T	Methylene Chlo...	0.853	0.689	0.689	0.684	0.691	0.691	0.716	9.39
21)	T	trans-1,2-Dich...	0.604	0.557	0.573	0.610	0.612	0.622	0.596	4.27
22)	T	Diisopropyl ether	2.095	1.924	2.219	2.278	2.295	2.321	2.189	6.97
23)	T	Vinyl Acetate	1.660	1.698	1.928	2.048	2.082	2.134	1.925	10.52
24)	P	1,1-Dichloroet...	1.116	1.154	1.233	1.263	1.263	1.286	1.219	5.60
25)	T	2-Butanone	0.495	0.539	0.540	0.555	0.558	0.569	0.543	4.77
26)	T	2,2-Dichloropr...	0.965	0.850	0.910	0.957	1.003	1.039	0.954	7.03
27)	T	cis-1,2-Dichlo...	0.719	0.642	0.716	0.737	0.738	0.755	0.718	5.55
28)	T	Bromochloromet...	0.576	0.553	0.628	0.578	0.595	0.590	0.587	4.28
29)	T	Tetrahydrofuran	0.318	0.318	0.340	0.350	0.351	0.362	0.340	5.36
30)	C	Chloroform	1.265	1.199	1.287	1.296	1.277	1.300	1.271	2.95#
31)	T	Cyclohexane		1.059	1.090	1.128	1.128	1.150	1.111	3.26
32)	T	1,1,1-Trichlor...	1.015	1.013	1.106	1.131	1.155	1.188	1.101	6.60
33)	S	1,2-Dichloroet...		0.935	0.953	0.910	0.930	0.932	0.932	1.65
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.354	0.359	0.355	0.364	0.368	0.360	1.70
36)	T	1,1-Dichloropr...	0.493	0.462	0.463	0.495	0.483	0.505	0.484	3.68
37)	T	Ethyl Acetate	0.586	0.582	0.569	0.611	0.609	0.631	0.598	3.83
38)	T	Carbon Tetrach...	0.541	0.505	0.528	0.558	0.552	0.577	0.544	4.61
39)	T	Methylcyclohexane	0.627	0.587	0.596	0.641	0.627	0.658	0.623	4.34
40)	TM	Benzene	1.348	1.337	1.426	1.474	1.441	1.477	1.417	4.30
41)	T	Methacrylonitrile	0.233	0.288	0.318	0.346	0.343	0.348	0.313	14.50
42)	TM	1,2-Dichloroet...	0.579	0.594	0.632	0.627	0.611	0.625	0.612	3.45
43)	T	Isopropyl Acetate	0.764	0.826	0.905	0.963	0.982	1.030	0.912	11.05
44)	TM	Trichloroethene	0.324	0.315	0.344	0.355	0.345	0.362	0.341	5.28
45)	C	1,2-Dichloropr...	0.317	0.324	0.356	0.371	0.368	0.378	0.352	7.37#
46)	T	Dibromomethane	0.263	0.262	0.285	0.287	0.280	0.289	0.278	4.35
47)	T	Bromodichlorom...	0.485	0.498	0.557	0.577	0.573	0.594	0.547	8.22
48)	T	Methyl methacr...	0.370	0.426	0.465	0.502	0.500	0.531	0.466	12.75
49)	T	1,4-Dioxane	0.007	0.009	0.009	0.009	0.009	0.010	0.009	8.45
50)	S	Toluene-d8		1.221	1.246	1.223	1.266	1.275	1.246	1.95
51)	T	4-Methyl-2-Pen...	0.561	0.555	0.620	0.634	0.630	0.631	0.605	6.04
52)	CM	Toluene	0.803	0.838	0.884	0.898	0.885	0.904	0.869	4.54#
53)	T	t-1,3-Dichloro...	0.371	0.406	0.468	0.528	0.555	0.591	0.487	17.86
54)	T	cis-1,3-Dichlo...	0.423	0.469	0.531	0.578	0.602	0.623	0.538	14.61
55)	T	1,1,2-Trichlor...	0.308	0.337	0.349	0.354	0.351	0.356	0.343	5.30
56)	T	Ethyl methacry...	0.377	0.508	0.540	0.595	0.617	0.639	0.546	17.58

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X050525W.M

57)	T	1,3-Dichloropr...	0.610	0.601	0.618	0.623	0.613	0.627	0.615	1.53
58)	T	2-Chloroethyl ...	0.230	0.247	0.270	0.307	0.303	0.313	0.278	12.41
59)	T	2-Hexanone	0.385	0.414	0.466	0.473	0.477	0.473	0.448	8.69
60)	T	Dibromochlorom...	0.306	0.326	0.378	0.400	0.415	0.431	0.376	13.28
61)	T	1,2-Dibromoethane	0.322	0.333	0.359	0.373	0.368	0.381	0.356	6.54
62)	S	4-Bromofluorob...		0.464	0.455	0.470	0.500	0.500	0.478	4.41
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.347	0.323	0.390	0.375	0.345	0.344	0.354	6.84
65)	PM	Chlorobenzene	1.131	1.046	1.093	1.098	1.085	1.114	1.094	2.65
66)	T	1,1,1,2-Tetrac...	0.369	0.341	0.365	0.390	0.382	0.395	0.374	5.22
67)	C	Ethyl Benzene	1.803	1.816	1.919	2.022	1.979	2.036	1.929	5.24#
68)	T	m/p-Xylenes	0.648	0.678	0.706	0.740	0.721	0.740	0.706	5.21
69)	T	o-Xylene	0.642	0.639	0.688	0.727	0.706	0.726	0.688	5.75
70)	T	Styrene	0.951	1.012	1.135	1.219	1.214	1.230	1.127	10.56
71)	P	Bromoform	0.234	0.236	0.270	0.304	0.312	0.327	0.281	14.17
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.789	3.562	3.843	4.130	3.876	4.156	3.893	5.72
74)	T	N-amyl acetate	1.715	1.652	1.846	2.067	2.068	2.192	1.924	11.32
75)	P	1,1,2,2-Tetrac...	1.552	1.350	1.315	1.338	1.284	1.345	1.364	6.97
76)	T	1,2,3-Trichlor...	1.405	1.167	1.151	1.187	1.131	1.181	1.204	8.36
77)	T	Bromobenzene	0.926	0.862	0.896	0.928	0.883	0.928	0.904	3.08
78)	T	n-propylbenzene	4.272	4.186	4.394	4.854	4.583	4.868	4.526	6.45
79)	T	2-Chlorotoluene	3.184	2.748	2.832	2.994	2.805	2.953	2.919	5.45
80)	T	1,3,5-Trimethy...	3.036	3.053	3.275	3.487	3.255	3.405	3.252	5.60
81)	T	trans-1,4-Dich...		0.269	0.335	0.385	0.410	0.449	0.370	18.91
82)	T	4-Chlorotoluene	3.226	2.939	3.196	3.430	3.255	3.379	3.238	5.32
83)	T	tert-Butylbenzene	3.341	3.098	3.115	3.435	3.255	3.411	3.276	4.44
84)	T	1,2,4-Trimethy...	3.150	3.034	3.274	3.522	3.335	3.444	3.293	5.52
85)	T	sec-Butylbenzene	3.708	3.767	3.937	4.282	4.095	4.343	4.022	6.55
86)	T	p-Isopropyltol...	3.025	3.084	3.206	3.555	3.450	3.599	3.320	7.44
87)	T	1,3-Dichlorobe...	1.619	1.558	1.633	1.701	1.656	1.729	1.649	3.71
88)	T	1,4-Dichlorobe...	1.817	1.606	1.629	1.693	1.639	1.722	1.684	4.64
89)	T	n-Butylbenzene	2.443	2.650	2.748	3.147	3.139	3.346	2.912	12.00
90)	T	Hexachloroethane	0.511	0.523	0.551	0.622	0.622	0.680	0.585	11.44
91)	T	1,2-Dichlorobe...	1.710	1.577	1.613	1.696	1.634	1.702	1.655	3.34
92)	T	1,2-Dibromo-3-...	0.259	0.248	0.299	0.322	0.329	0.356	0.302	13.89
93)	T	1,2,4-Trichlor...	0.862	0.842	0.861	0.981	1.035	1.123	0.951	12.03
94)	T	Hexachlorobuta...	0.393	0.414	0.394	0.427	0.418	0.445	0.415	4.79
95)	T	Naphthalene	3.499	2.929	3.204	3.613	3.690	3.984	3.487	10.69
96)	T	1,2,3-Trichlor...	0.941	0.846	0.921	1.019	1.051	1.107	0.981	9.74

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	83671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	31909	12.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	25.640%#		
35) Dibromofluoromethane	5.385	113	21112	12.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	25.600%#		
50) Toluene-d8	8.646	98	73333	13.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	26.400%#		
62) 4-Bromofluorobenzene	11.079	95	26760	13.236	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	26.480%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23341	12.638	ug/l	96
3) Chloromethane	1.306	50	24316	13.371	ug/l	98
4) Vinyl Chloride	1.373	62	22096	13.868	ug/l	94
5) Bromomethane	1.593	94	9920	12.279	ug/l	93
6) Chloroethane	1.666	64	11832	14.414	ug/l	95
7) Trichlorofluoromethane	1.873	101	34636	14.271	ug/l	100
8) Diethyl Ether	2.129	74	11392	14.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	21027	14.499	ug/l	98
10) Methyl Iodide	2.446	142	25661	15.070	ug/l	99
11) Tert butyl alcohol	2.971	59	20370	68.662	ug/l	97
12) 1,1-Dichloroethene	2.312	96	18899	13.385	ug/l	98
13) Acrolein	2.233	56	26427	76.689	ug/l	95
14) Allyl chloride	2.660	41	37708	14.133	ug/l	99
15) Acrylonitrile	3.062	53	63290	71.312	ug/l	98
16) Acetone	2.379	43	60363	70.884	ug/l	99
17) Carbon Disulfide	2.501	76	43348	13.251	ug/l	100
18) Methyl Acetate	2.702	43	27234	13.397	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68402	13.890	ug/l	100
20) Methylene Chloride	2.782	84	23050	13.362	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	19161	13.294	ug/l	96
22) Diisopropyl ether	3.763	45	74257	14.896	ug/l	95
23) Vinyl Acetate	3.720	43	322598	73.230	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41257	14.082	ug/l	98
25) 2-Butanone	4.556	43	90331	73.489	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30472	13.729	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23970	13.791	ug/l	98
28) Bromochloromethane	4.897	49	21028	13.497	ug/l	99
29) Tetrahydrofuran	5.007	42	56819	71.175	ug/l	100
30) Chloroform	5.086	83	43065	14.144	ug/l	95
31) Cyclohexane	5.458	56	36470	14.769	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	37003	14.092	ug/l	98
36) 1,1-Dichloropropene	5.684	75	27242	14.231	ug/l	98
37) Ethyl Acetate	4.720	43	33458	13.931	ug/l	98
38) Carbon Tetrachloride	5.671	117	31091	14.137	ug/l	98
39) Methylcyclohexane	7.372	83	35077	14.623	ug/l	99
40) Benzene	6.031	78	83898	14.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	18732	14.038	ug/l		95
42) 1,2-Dichloroethane	6.080	62	37203	15.165	ug/l		100
43) Isopropyl Acetate	6.342	43	53275	14.512	ug/l		99
44) Trichloroethene	7.116	130	20239	14.429	ug/l		99
45) 1,2-Dichloropropane	7.427	63	20940	14.204	ug/l		98
46) Dibromomethane	7.580	93	16781	14.439	ug/l		99
47) Bromodichloromethane	7.817	83	32762	14.545	ug/l		94
48) Methyl methacrylate	7.689	41	27374	14.521	ug/l		100
49) 1,4-Dioxane	7.659	88	10585	282.442	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	182455	75.775	ug/l		98
52) Toluene	8.713	92	52030	14.788	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	27549	14.566	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	31226	14.154	ug/l		98
55) 1,1,2-Trichloroethane	9.152	97	20536	14.442	ug/l		96
56) Ethyl methacrylate	9.116	69	31787	14.425	ug/l		98
57) 1,3-Dichloropropane	9.305	76	36341	14.417	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	79531	80.312	ug/l		100
59) 2-Hexanone	9.427	43	137054	74.997	ug/l		99
60) Dibromochloromethane	9.518	129	22267	14.387	ug/l		99
61) 1,2-Dibromoethane	9.610	107	21113	14.458	ug/l		96
64) Tetrachloroethene	9.268	164	19924	15.263	ug/l		97
65) Chlorobenzene	10.079	112	55863	14.202	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	18671	14.231	ug/l		98
67) Ethyl Benzene	10.189	91	98113	14.631	ug/l		100
68) m/p-Xylenes	10.299	106	72202	29.806	ug/l		99
69) o-Xylene	10.640	106	35178	14.408	ug/l		96
70) Styrene	10.652	104	58034	14.853	ug/l		98
71) Bromoform	10.799	173	13825	14.030	ug/l	#	100
73) Isopropylbenzene	10.957	105	93013	14.096	ug/l		99
74) N-amyl acetate	10.841	43	44684	13.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	31830	13.560	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	27845m	11.039	ug/l		
77) Bromobenzene	11.195	156	21695	14.212	ug/l		96
78) n-propylbenzene	11.298	91	106337	14.376	ug/l		99
79) 2-Chlorotoluene	11.359	91	68534	13.748	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	79261	14.468	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8104	13.371	ug/l		91
82) 4-Chlorotoluene	11.451	91	77338	14.116	ug/l		100
83) tert-Butylbenzene	11.713	119	75382	14.011	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	79232	14.480	ug/l		99
85) sec-Butylbenzene	11.890	105	95271	14.263	ug/l		100
86) p-Isopropyltoluene	12.006	119	77599	14.387	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	39520	13.898	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	39419	14.146	ug/l		99
89) n-Butylbenzene	12.329	91	66506	14.184	ug/l		99
90) Hexachloroethane	12.536	117	13332	13.287	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	39031	14.092	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7232	13.535	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	20846	13.745	ug/l		99
94) Hexachlorobutadiene	13.725	225	9524	13.426	ug/l		97
95) Naphthalene	13.774	128	77542	14.040	ug/l		99
96) 1,2,3-Trichlorobenzene	13.956	180	22301	14.023	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

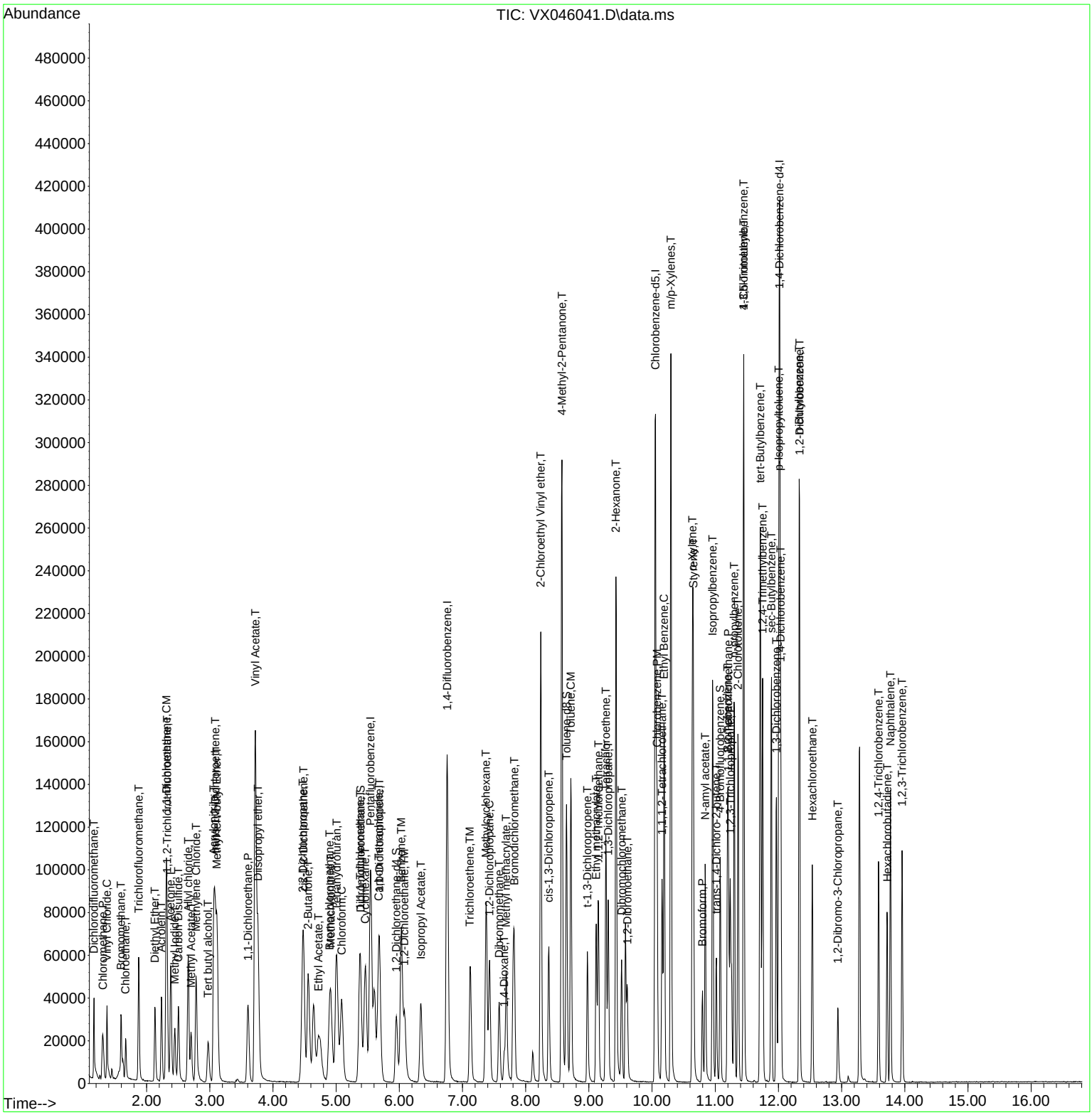
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

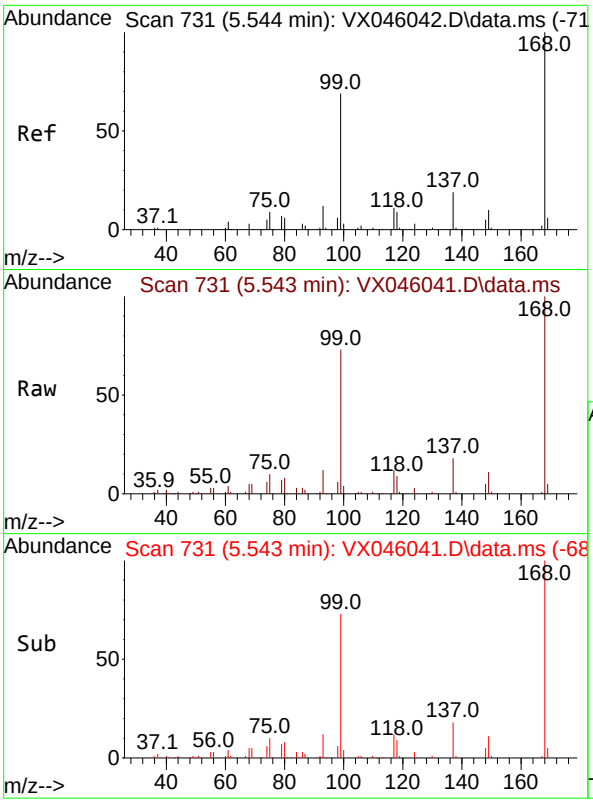
Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

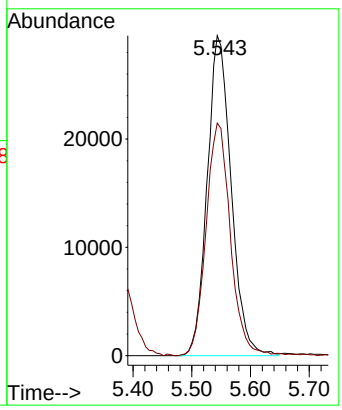




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:168 Resp: 8367

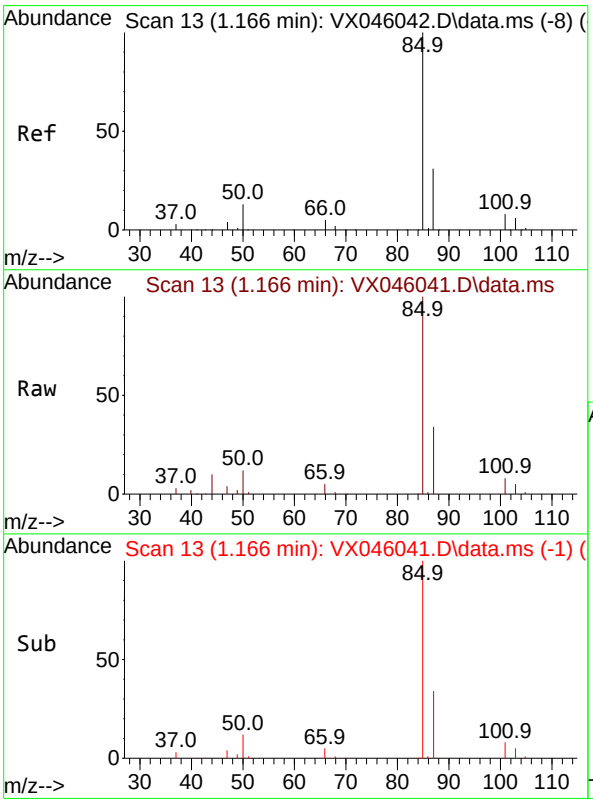
Ion	Ratio	Lower	Upper
168	100		
99	72.7	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

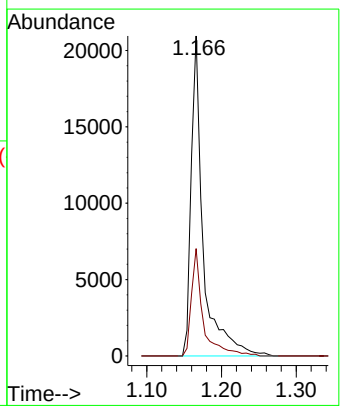
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

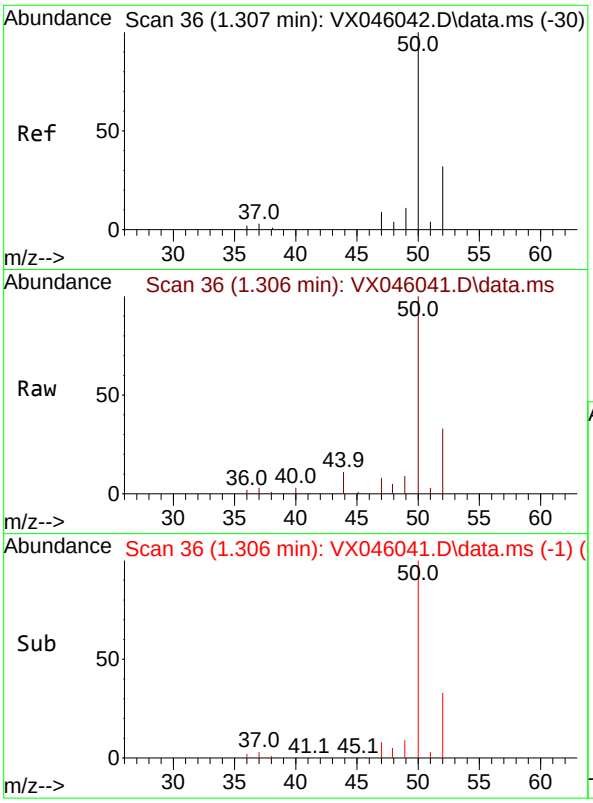


#2
Dichlorodifluoromethane
Concen: 12.638 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 85 Resp: 23341

Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.7	47.1

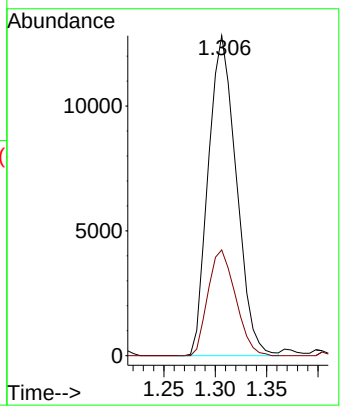




#3
Chloromethane
Concen: 13.371 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 50 Resp: 2431

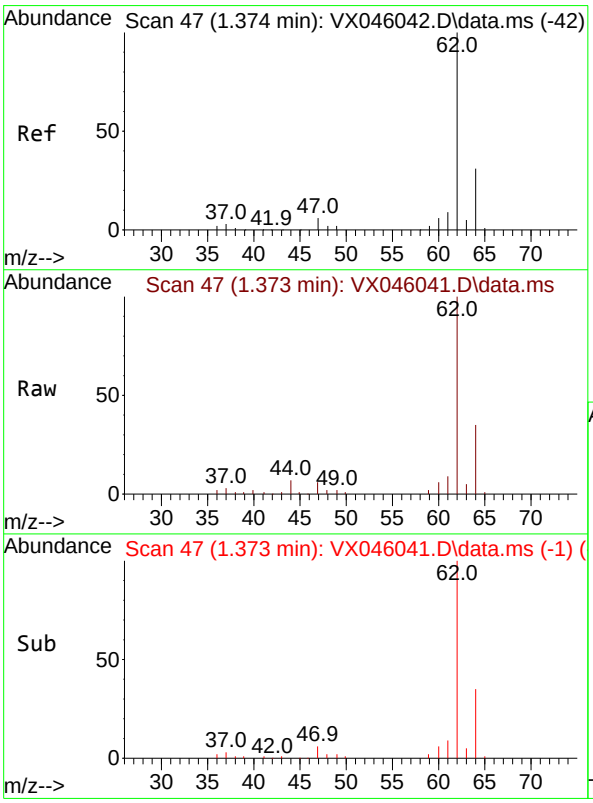
Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

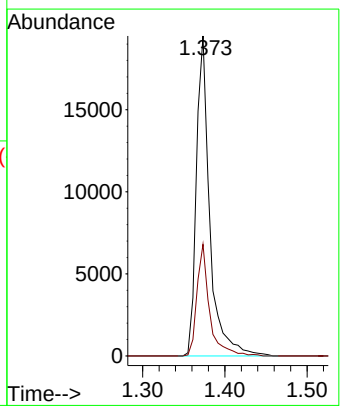
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

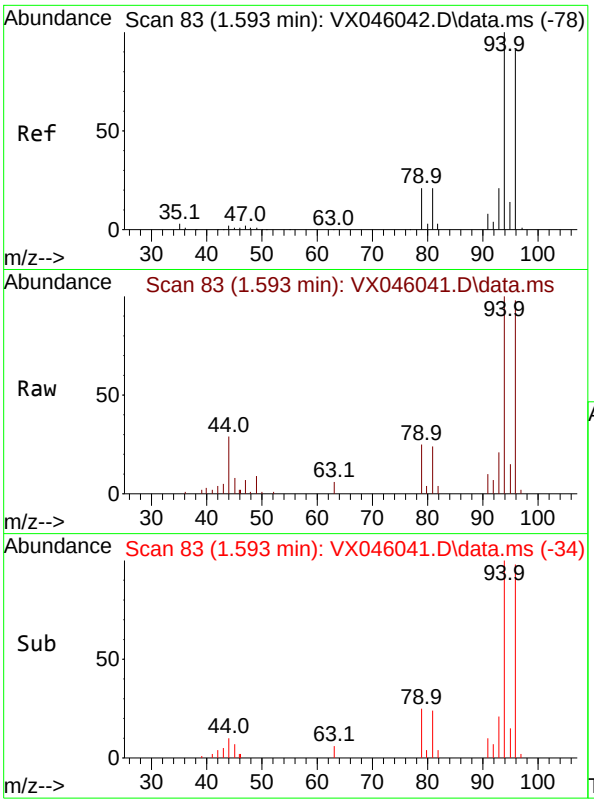


#4
Vinyl Chloride
Concen: 13.868 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 62 Resp: 22096

Ion	Ratio	Lower	Upper
62	100		
64	34.9	25.2	37.8

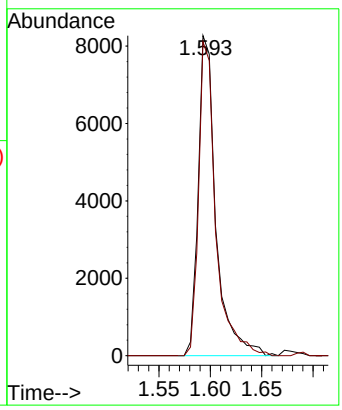




#5
Bromomethane
Concen: 12.279 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 94 Resp: 992

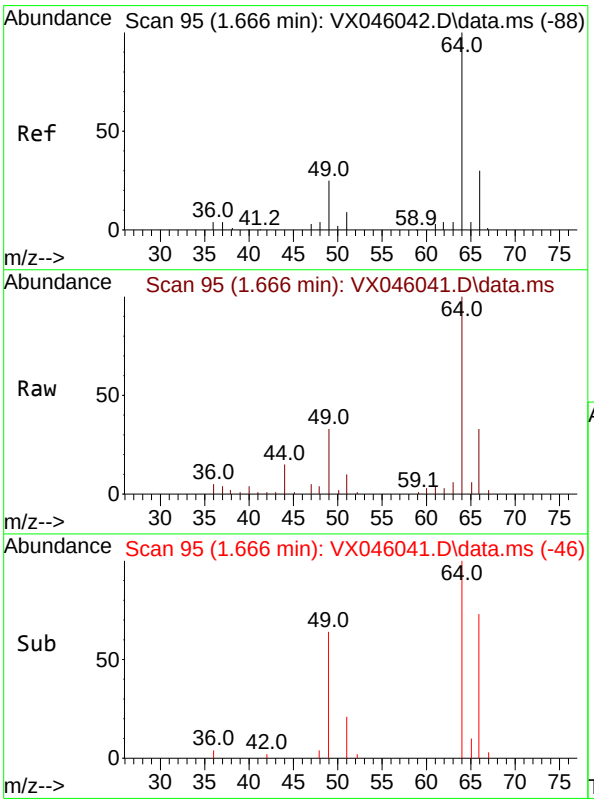
Ion	Ratio	Lower	Upper
94	100		
96	98.1	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

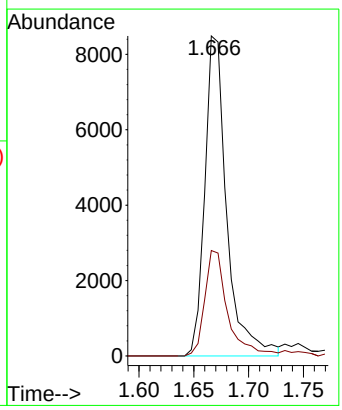
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

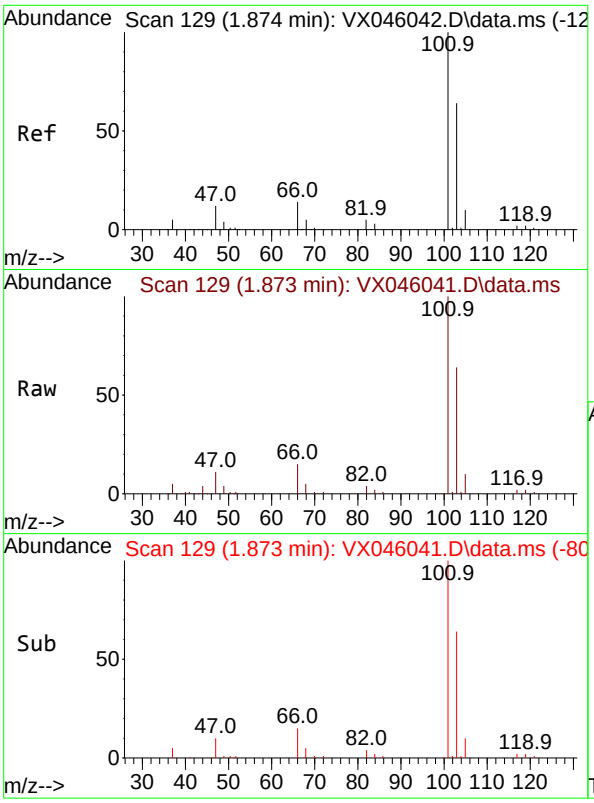


#6
Chloroethane
Concen: 14.414 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 64 Resp: 11832

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.3	36.5

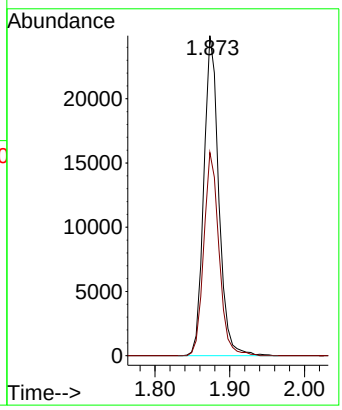




#7
Trichlorofluoromethane
Concen: 14.271 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:101 Resp: 3463

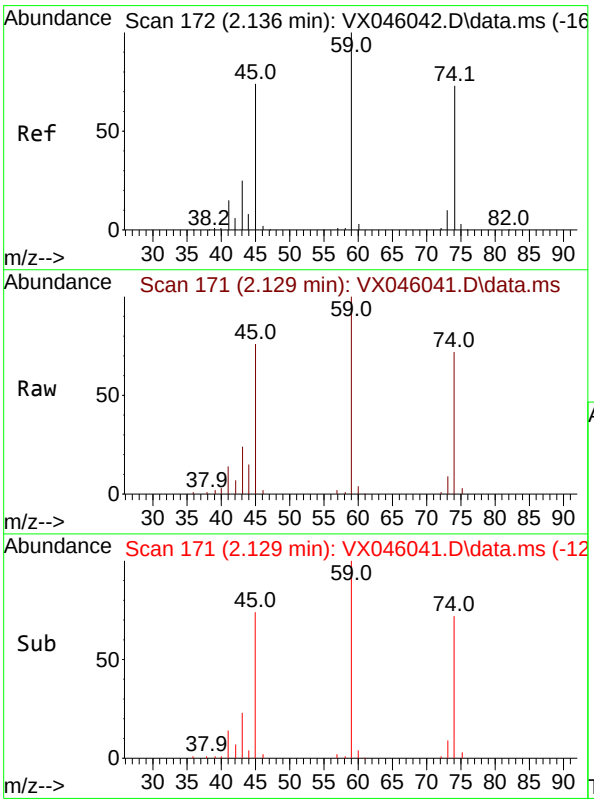
Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

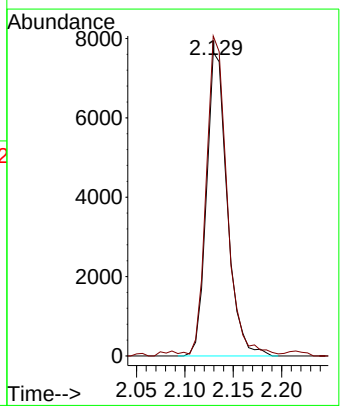
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

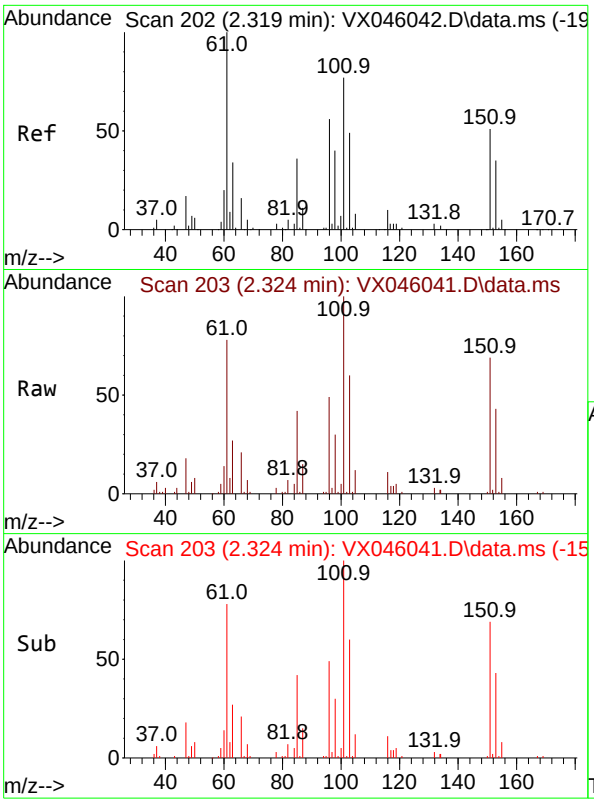


#8
Diethyl Ether
Concen: 14.278 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 74 Resp: 11392

Ion	Ratio	Lower	Upper
74	100		
45	103.7	54.9	164.8

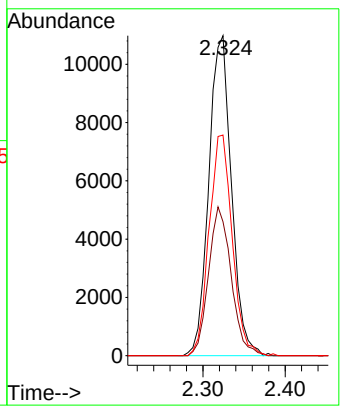




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.499 ug/l
RT: 2.324 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:101 Resp: 2102

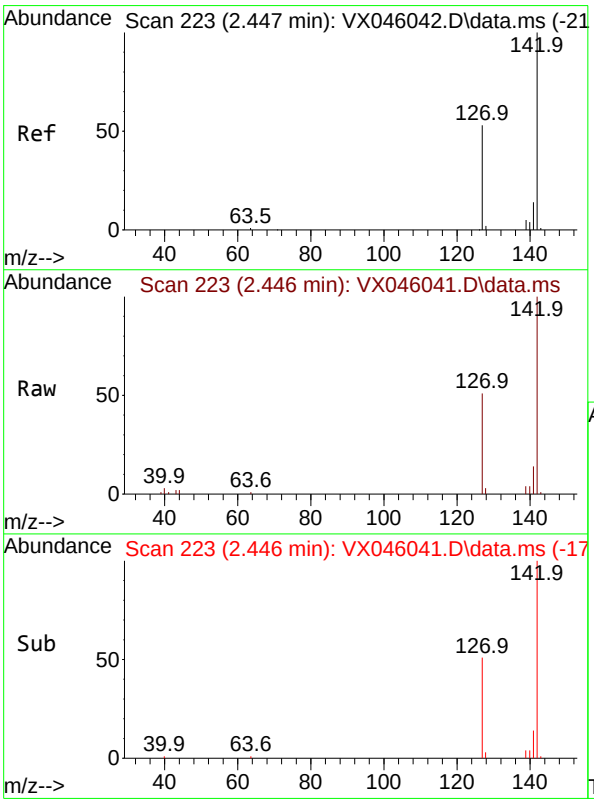
Ion	Ratio	Lower	Upper
101	100		
85	46.6	38.6	58.0
151	70.4	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

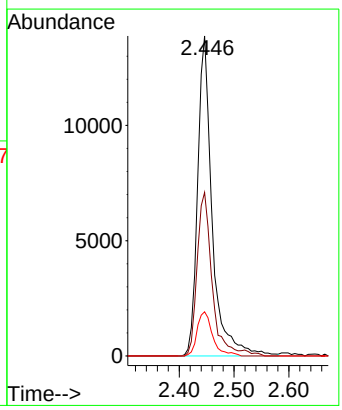
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

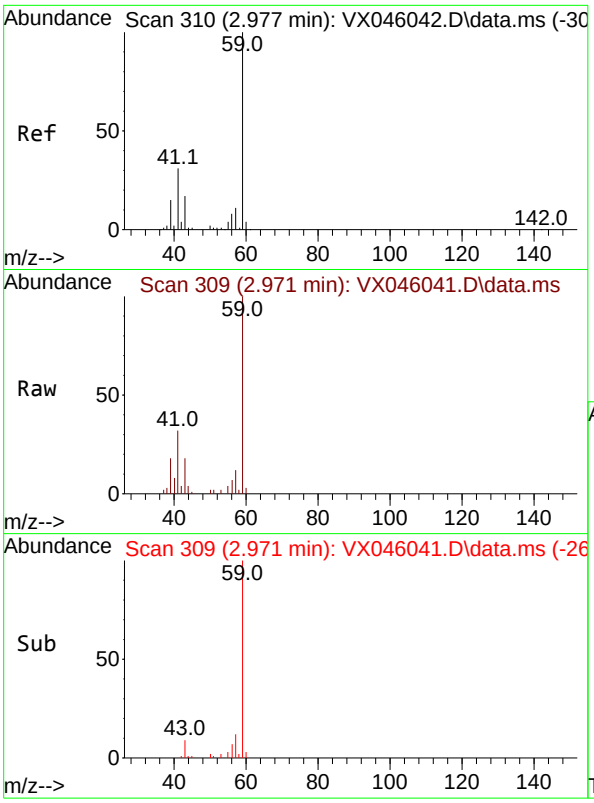


#10
Methyl Iodide
Concen: 15.070 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:142 Resp: 25661

Ion	Ratio	Lower	Upper
142	100		
127	53.0	41.7	62.5
141	14.7	11.5	17.3

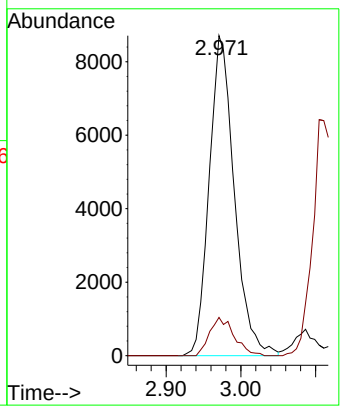




#11
Tert butyl alcohol
Concen: 68.662 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 59 Resp: 2037

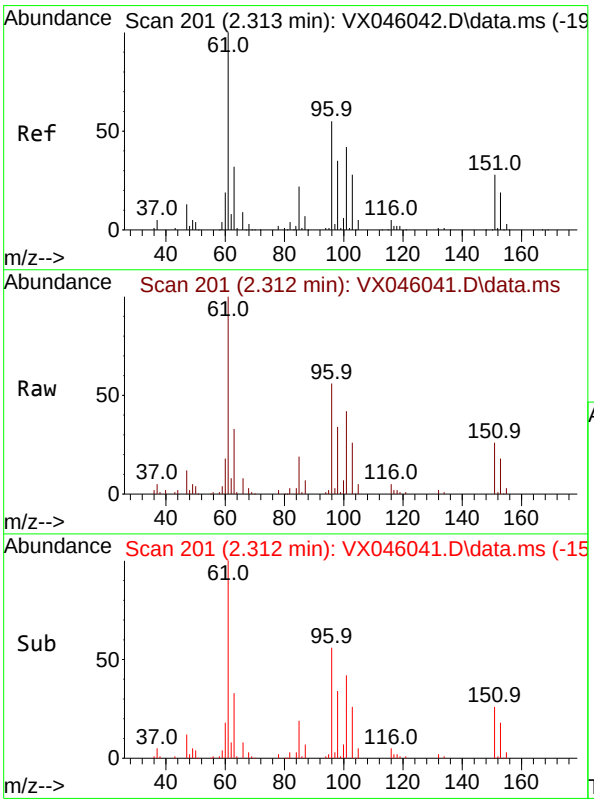
Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

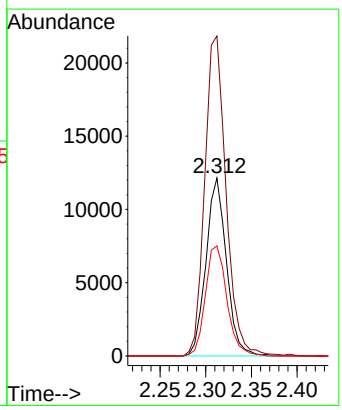
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

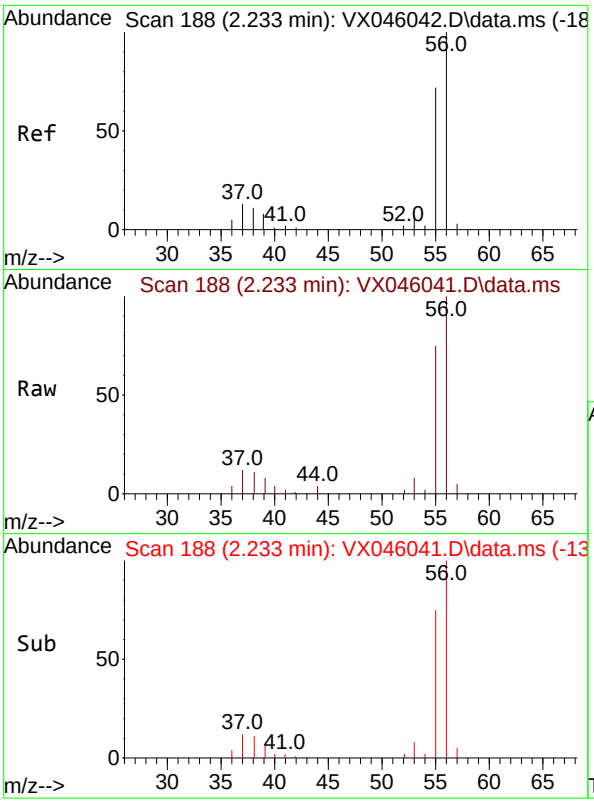


#12
1,1-Dichloroethene
Concen: 13.385 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 96 Resp: 18899

Ion	Ratio	Lower	Upper
96	100		
61	179.8	146.2	219.2
98	61.8	51.0	76.6

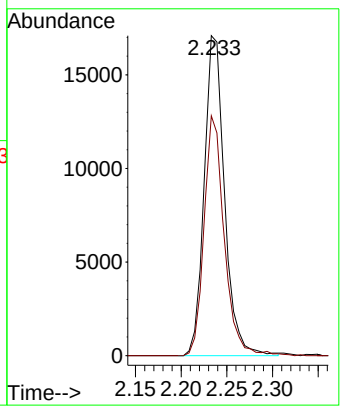




#13
Acrolein
Concen: 76.689 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 56 Resp: 2642

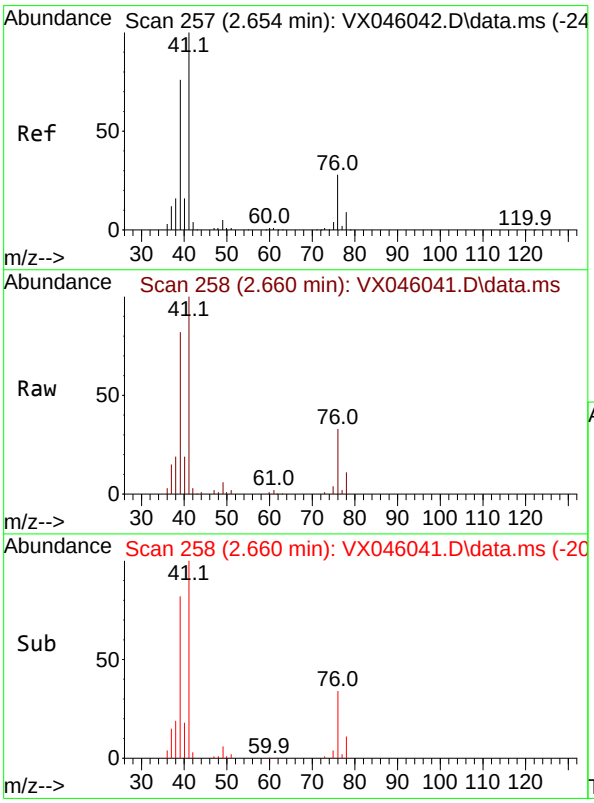
Ion	Ratio	Lower	Upper
56	100		
55	74.3	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

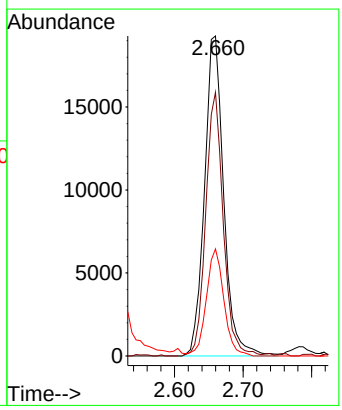
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

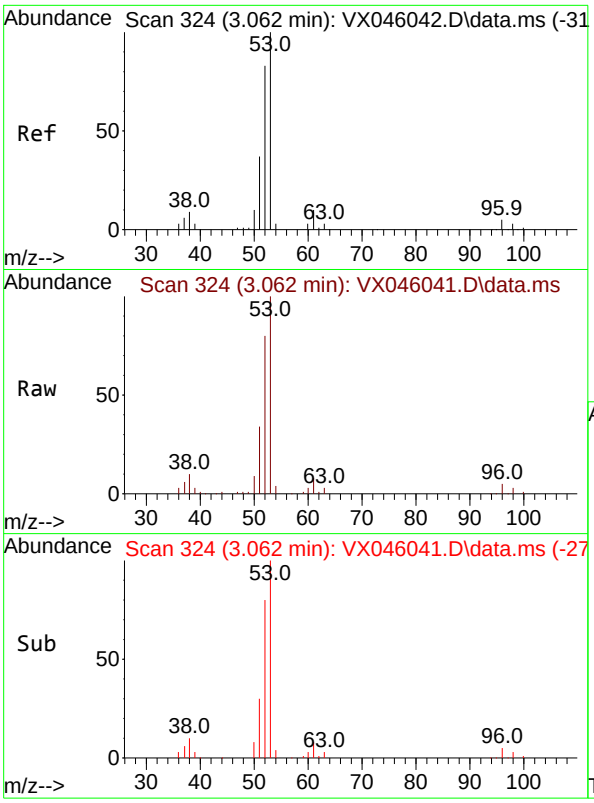


#14
Allyl chloride
Concen: 14.133 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 37708

Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.6	90.8
76	30.6	24.9	37.3

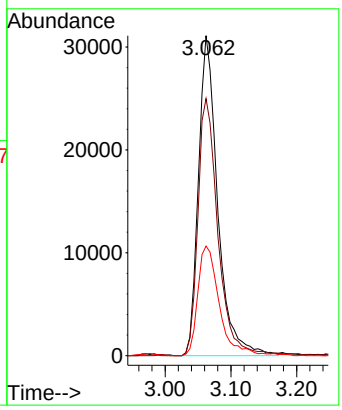




#15
Acrylonitrile
Concen: 71.312 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 53 Resp: 6329

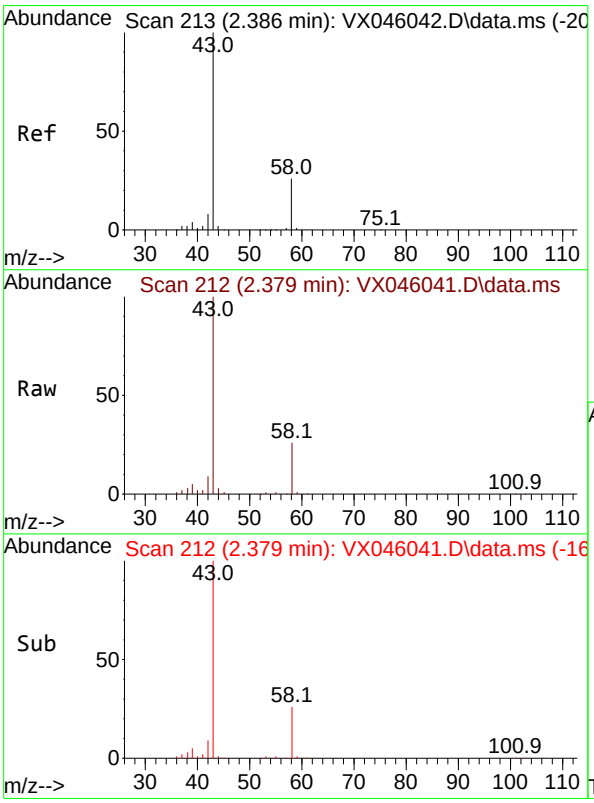
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	38.4	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

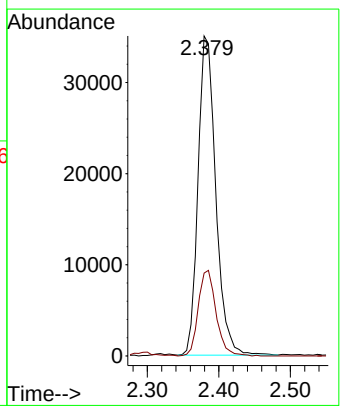
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

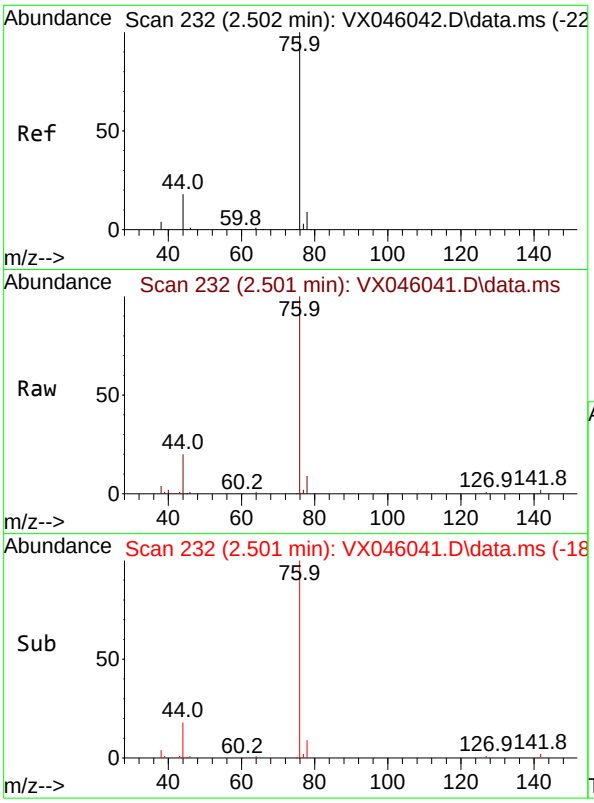


#16
Acetone
Concen: 70.884 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 60363

Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.2	31.8

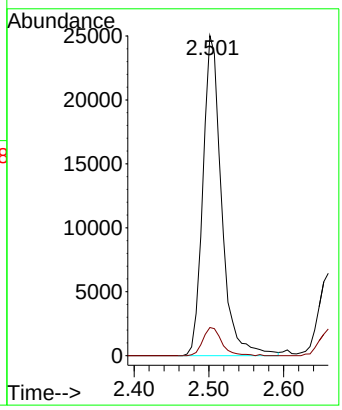




#17
Carbon Disulfide
Concen: 13.251 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 76 Resp: 4334

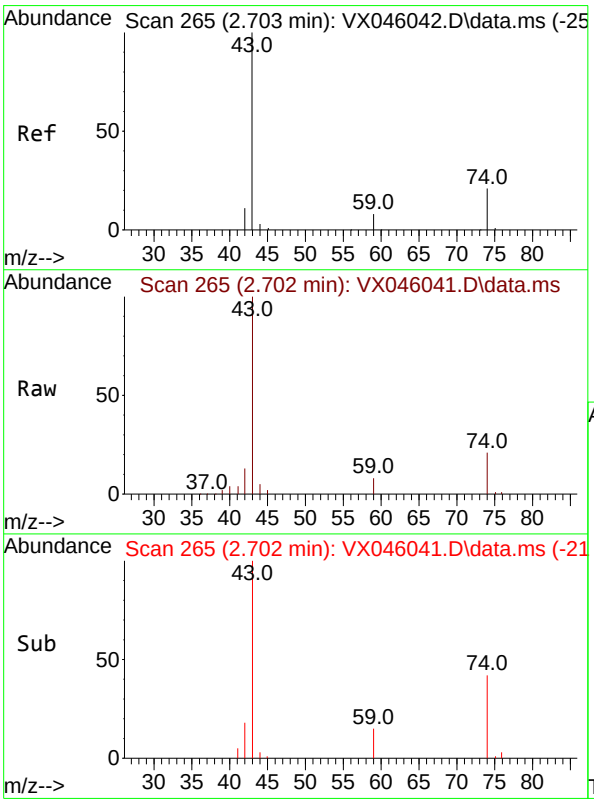
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

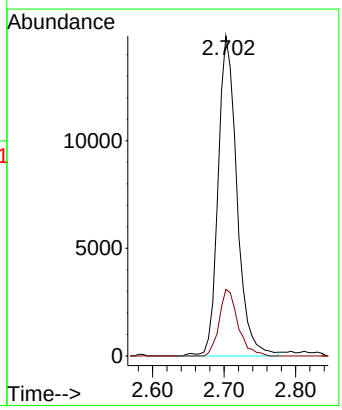
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

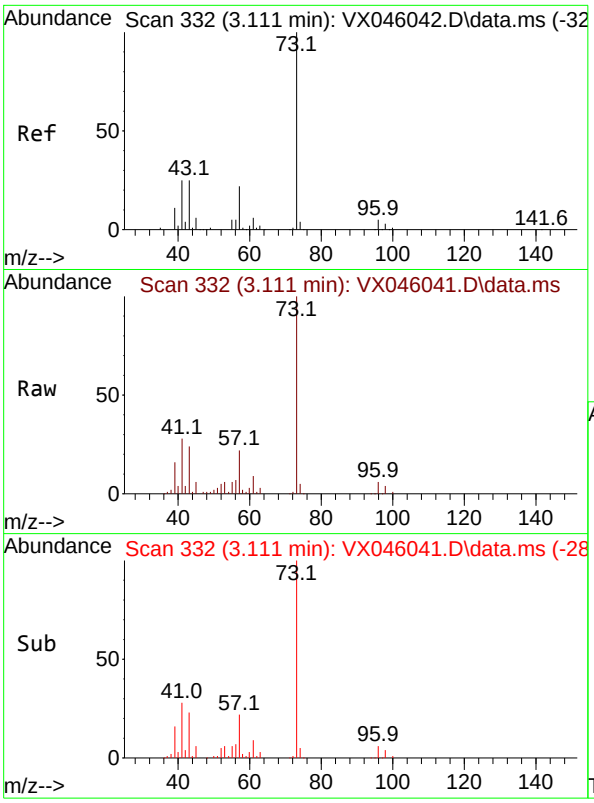


#18
Methyl Acetate
Concen: 13.397 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 27234

Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.7	25.1

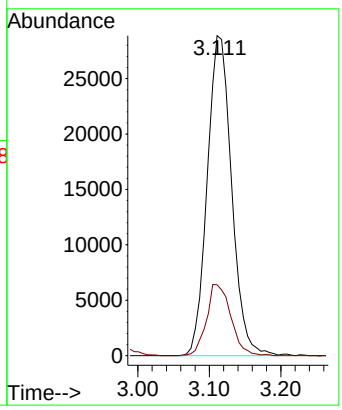




#19
Methyl tert-butyl Ether
Concen: 13.890 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 73 Resp: 6840

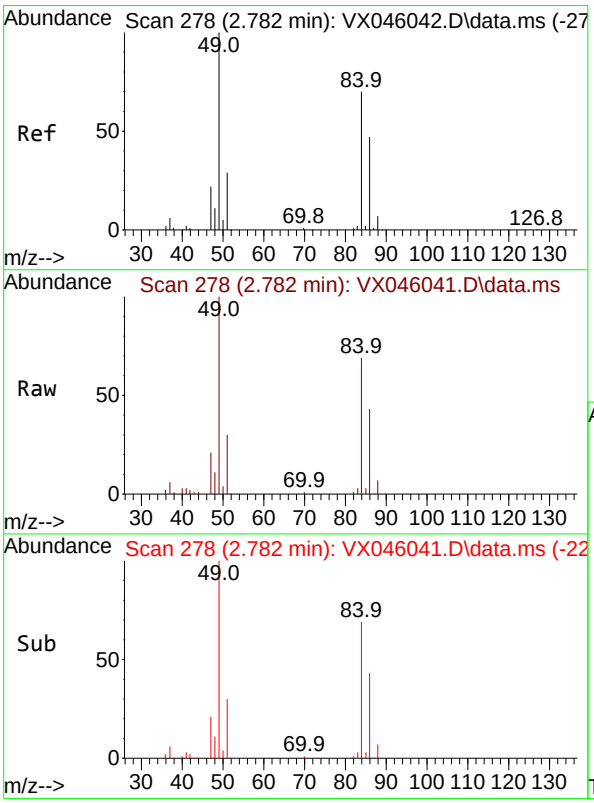
Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

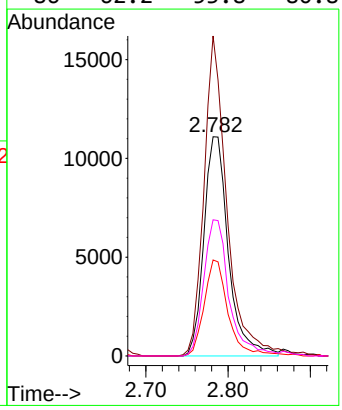
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

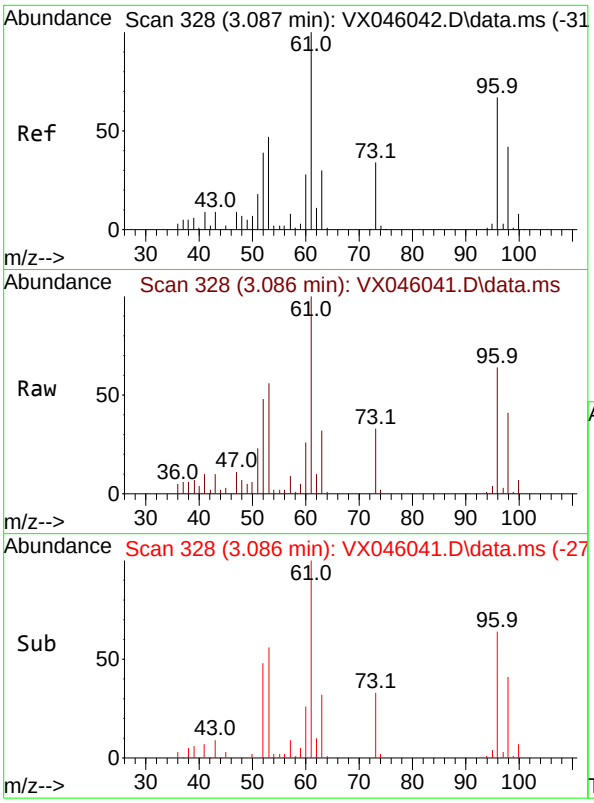


#20
Methylene Chloride
Concen: 13.362 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 84 Resp: 23050

Ion	Ratio	Lower	Upper
84	100		
49	146.0	113.9	170.9
51	43.8	33.5	50.3
86	62.2	53.8	80.8

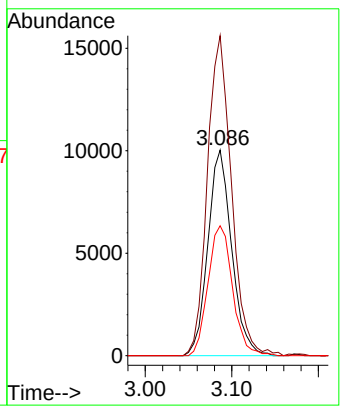




#21
trans-1,2-Dichloroethene
Concen: 13.294 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 96 Resp: 1916

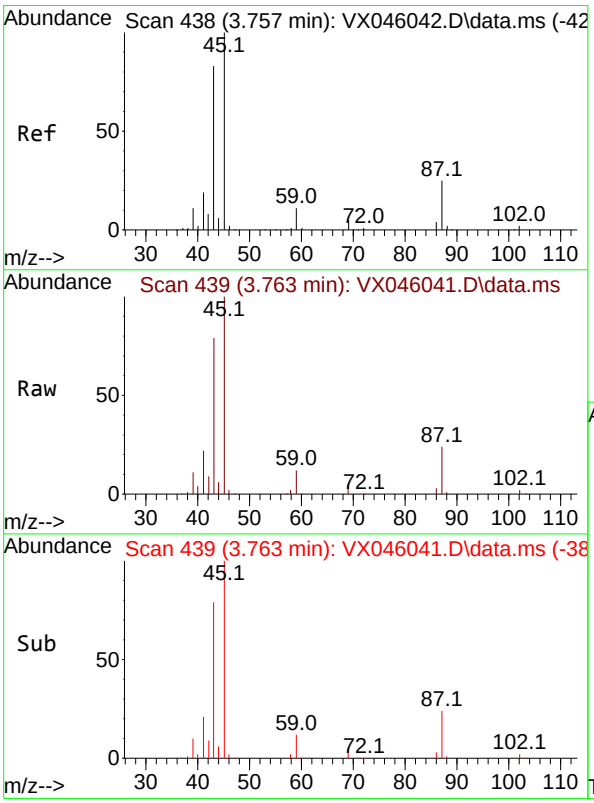
Ion	Ratio	Lower	Upper
96	100		
61	155.6	119.5	179.3
98	63.2	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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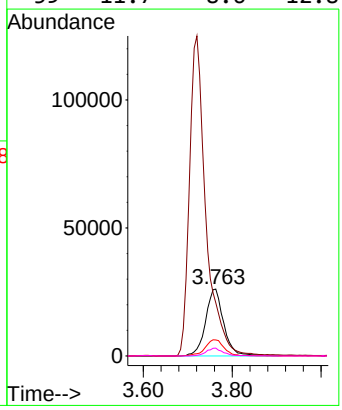
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

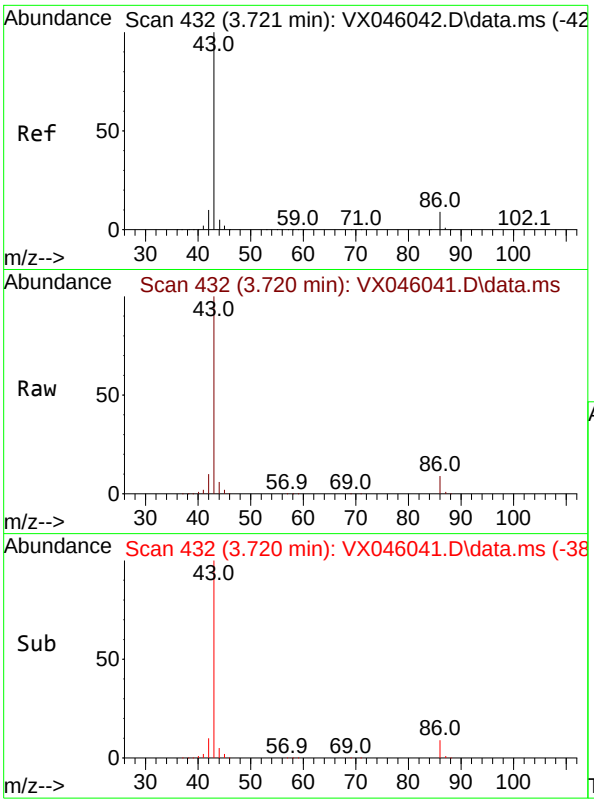


#22
Diisopropyl ether
Concen: 14.896 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 45 Resp: 74257

Ion	Ratio	Lower	Upper
45	100		
43	78.2	66.6	100.0
87	24.0	19.8	29.6
59	11.7	8.6	12.8





#23
Vinyl Acetate
Concen: 73.230 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

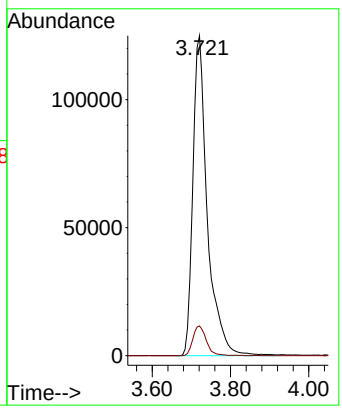
Tgt Ion: 43 Resp: 32259

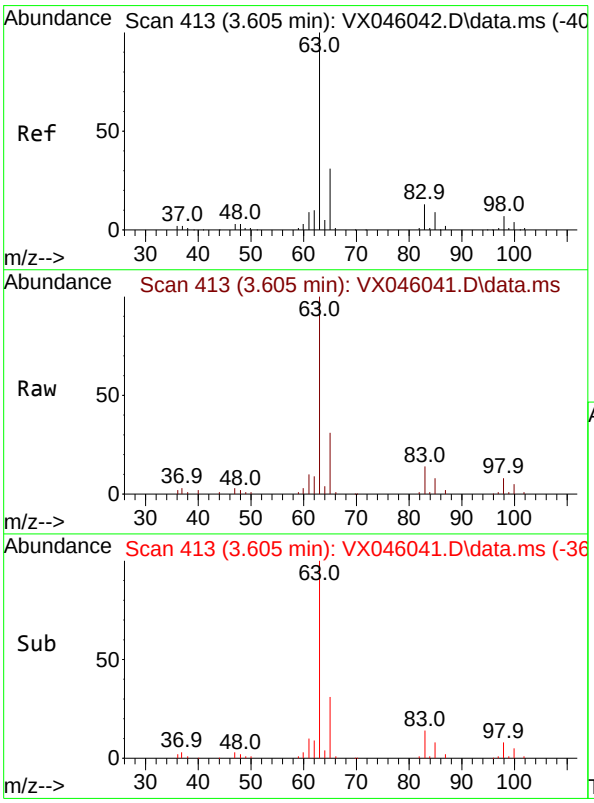
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

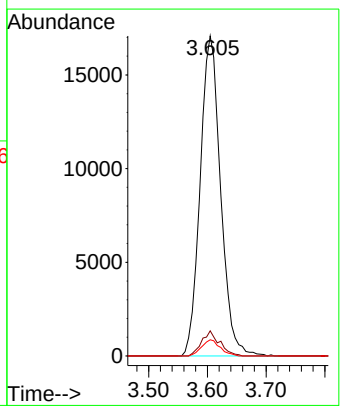


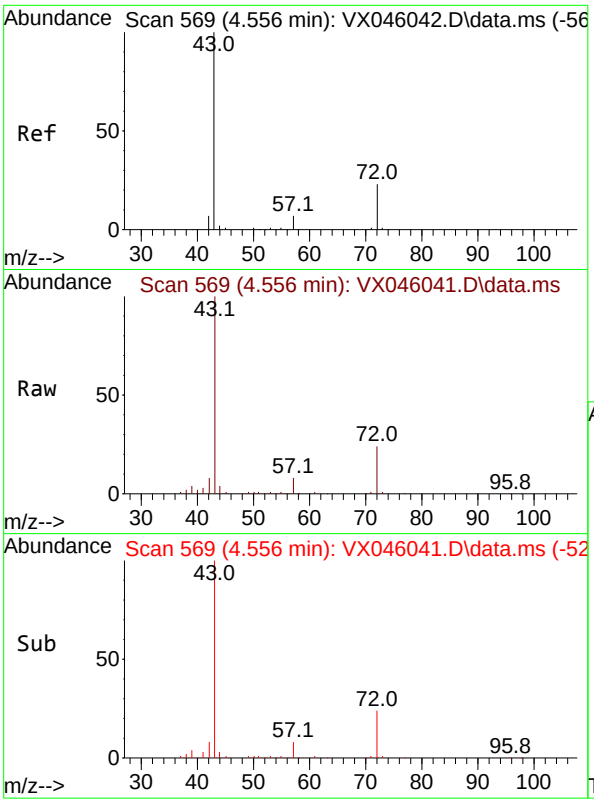


#24
1,1-Dichloroethane
Concen: 14.082 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 41257

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.6	10.8
100	5.0	2.1	6.3





#25
2-Butanone
Concen: 73.489 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

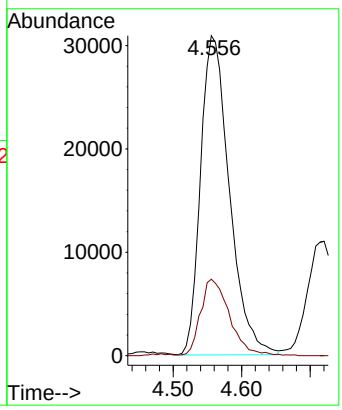
Tgt Ion: 43 Resp: 9033

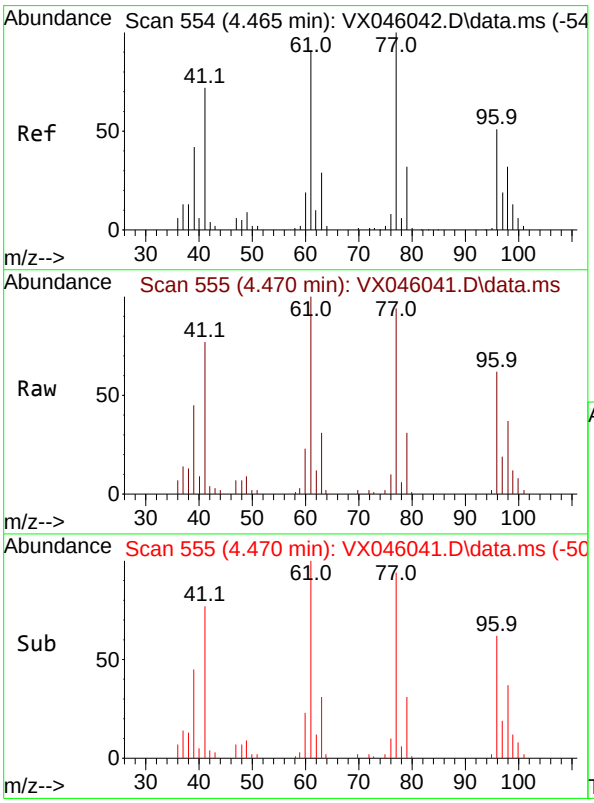
Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.4	27.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

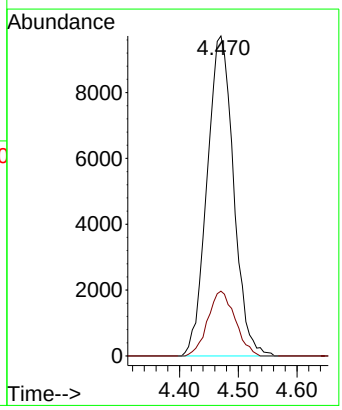


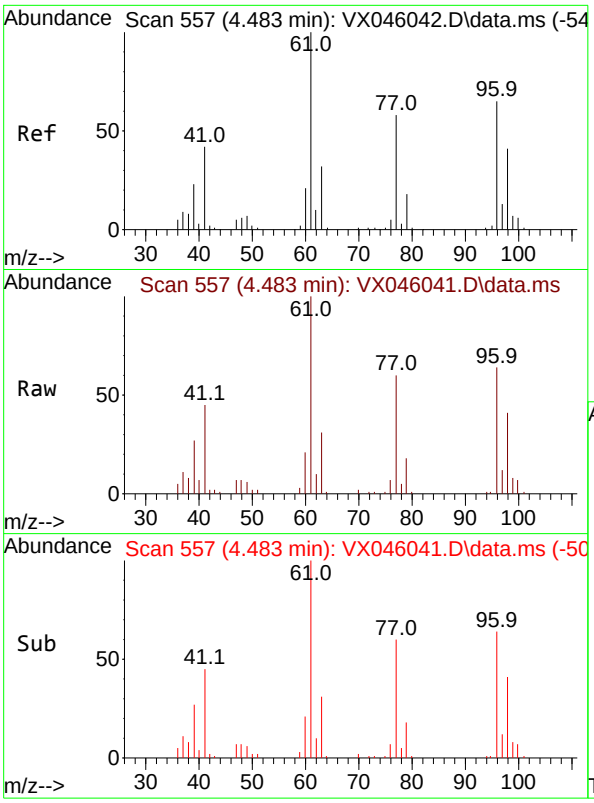


#26
2,2-Dichloropropane
Concen: 13.729 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 77 Resp: 30472

Ion	Ratio	Lower	Upper
77	100		
97	20.9	10.5	31.5

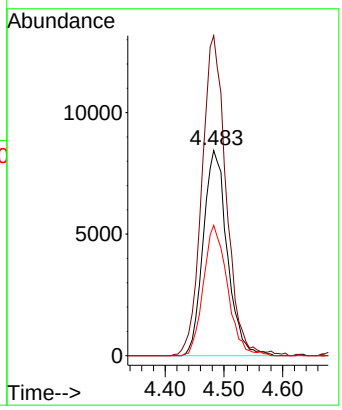




#27
cis-1,2-Dichloroethene
Concen: 13.791 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 96 Resp: 2397

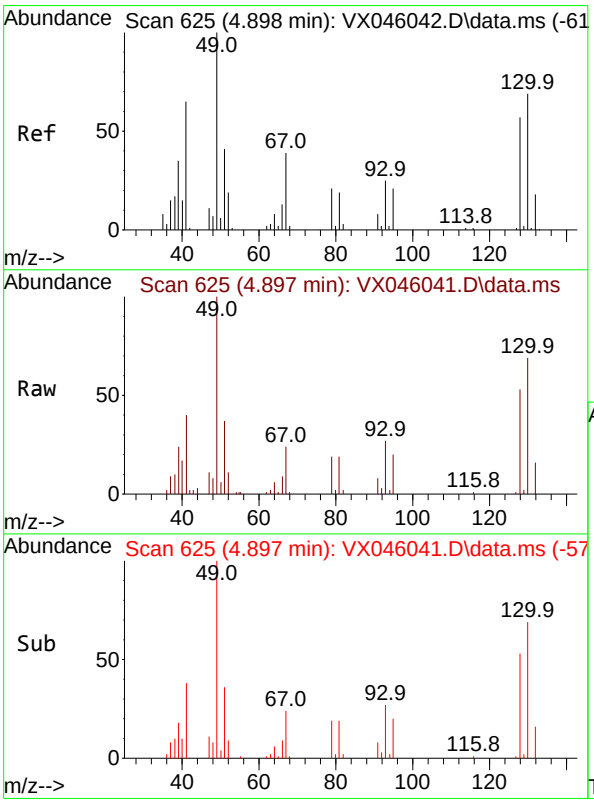
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	322.8
98	63.5	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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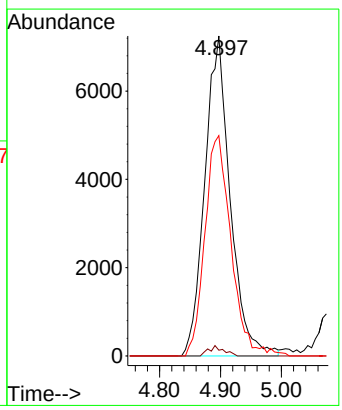
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

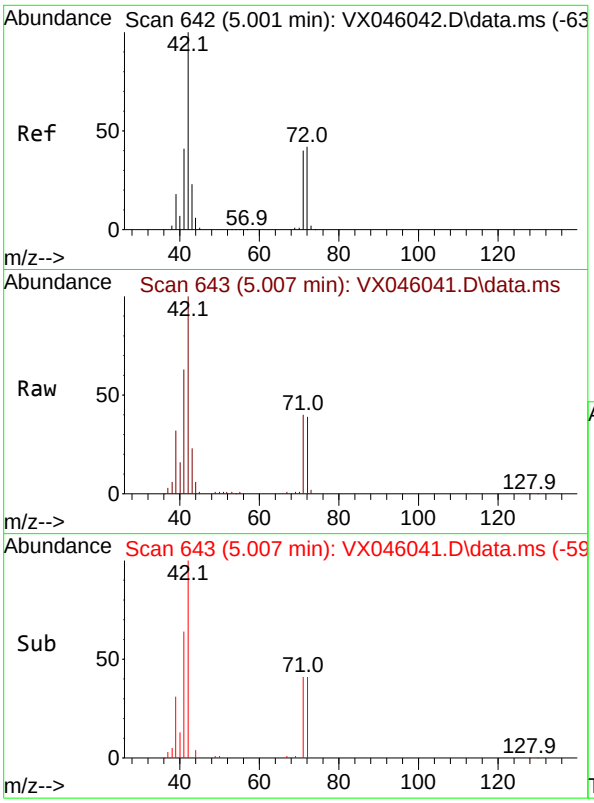


#28
Bromochloromethane
Concen: 13.497 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 49 Resp: 21028

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	70.9	56.2	84.2





#29
Tetrahydrofuran
Concen: 71.175 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

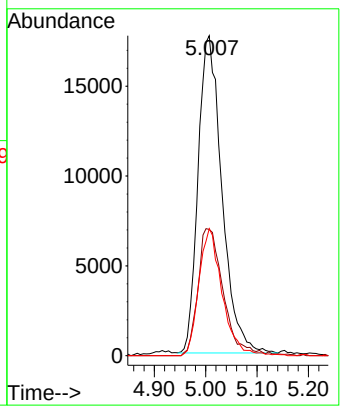
Tgt Ion: 42 Resp: 5681

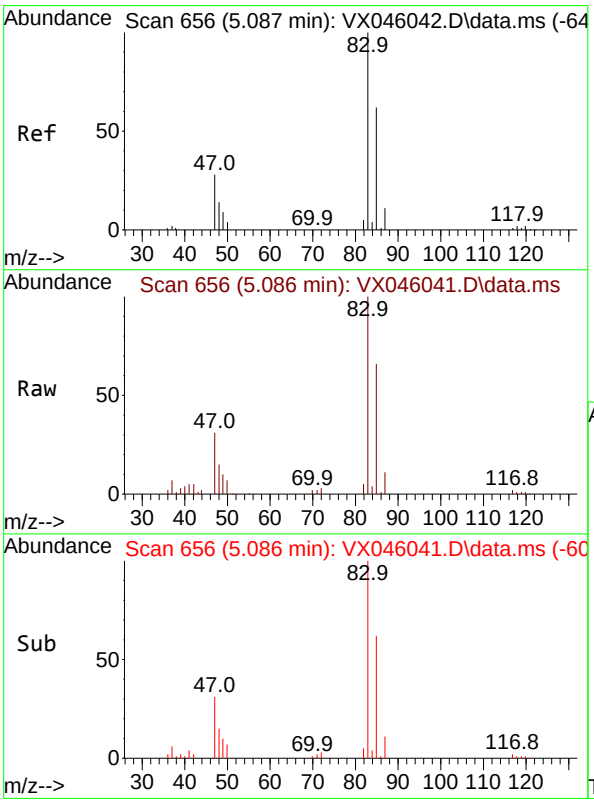
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.7	50.5
71	39.2	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

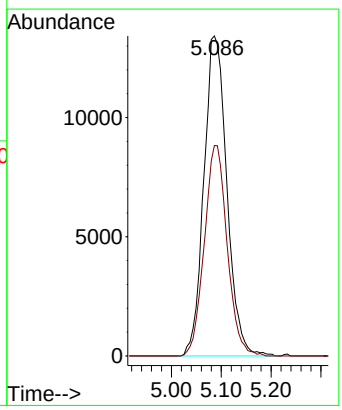


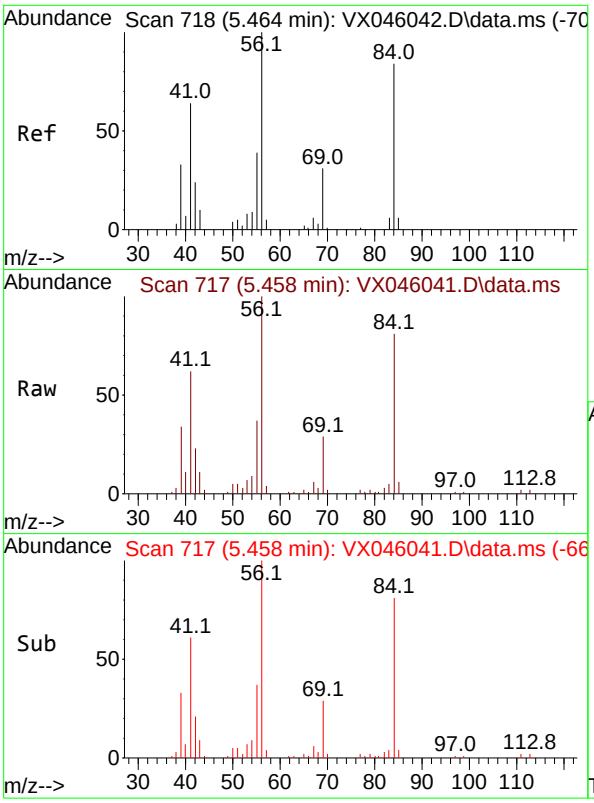


#30
Chloroform
Concen: 14.144 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 83 Resp: 43065

Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.3	73.9

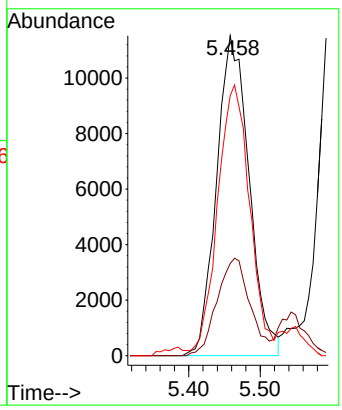




#31
Cyclohexane
Concen: 14.769 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 56 Resp: 3647

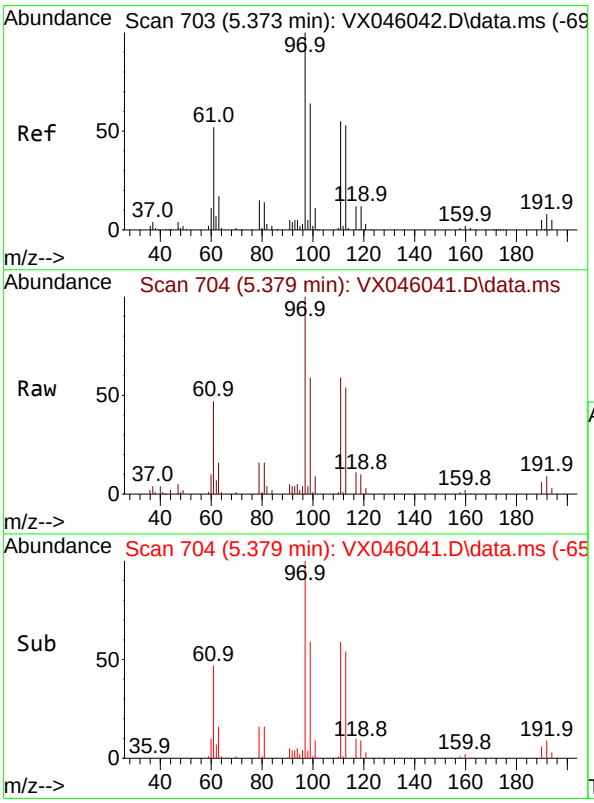
Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.4	36.6
84	78.5	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

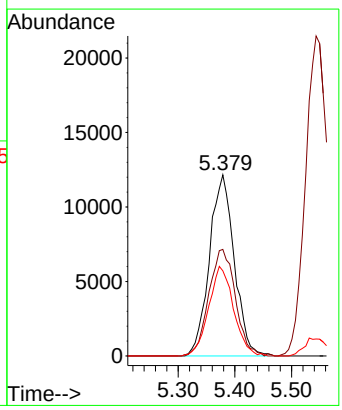
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

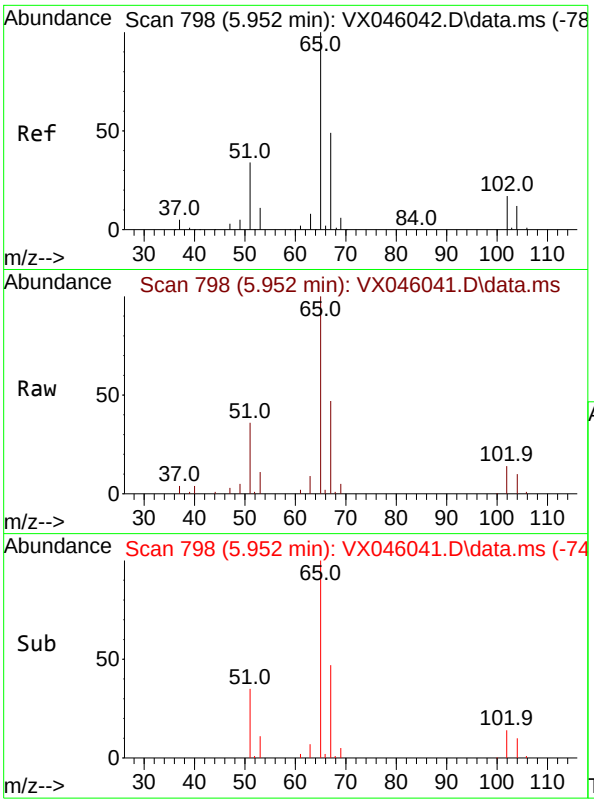


#32
1,1,1-Trichloroethane
Concen: 14.092 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 97 Resp: 37003

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.8	77.6
61	49.5	40.1	60.1

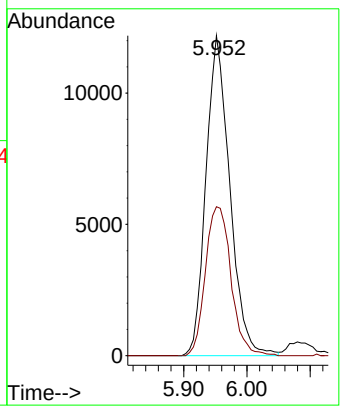




#33
1,2-Dichloroethane-d4
Concen: 12.820 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 65 Resp: 3190

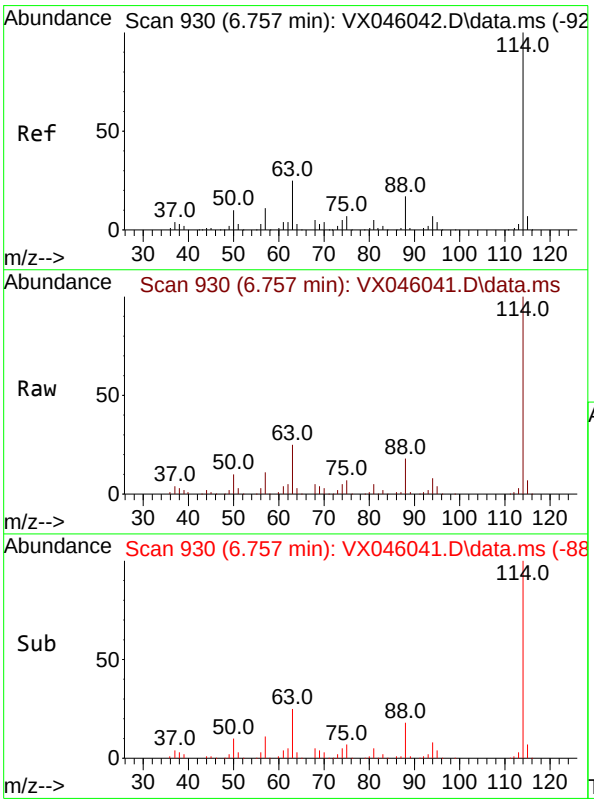
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

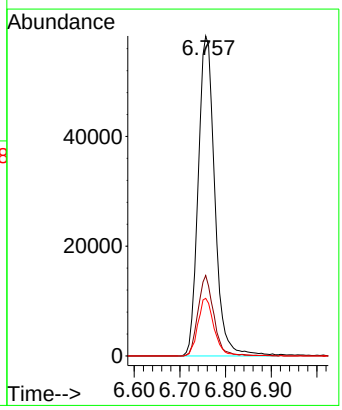
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

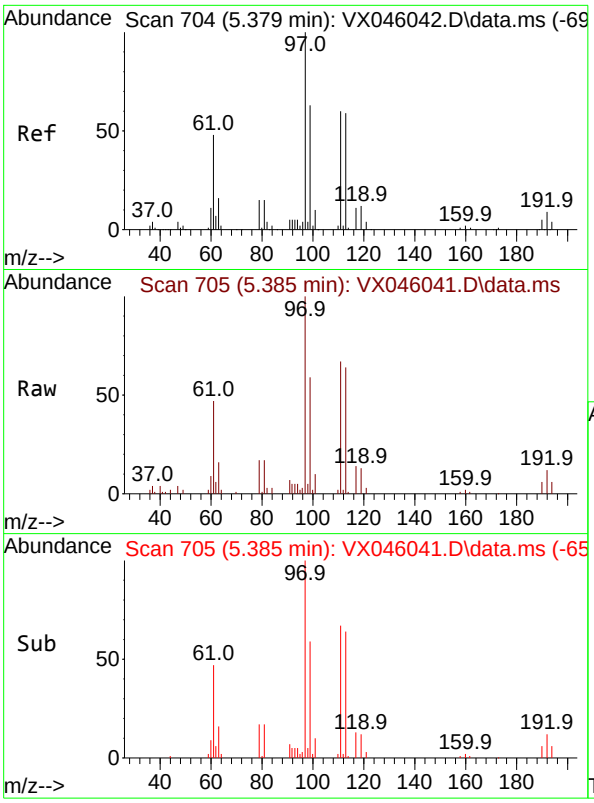


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:114 Resp: 147096

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	18.0	0.0	33.6

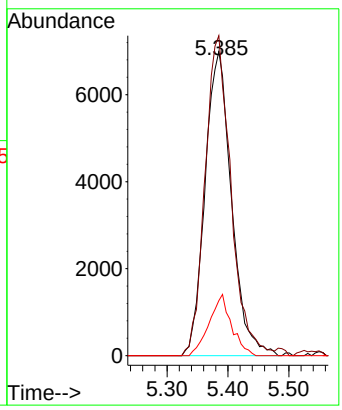




#35
Dibromofluoromethane
Concen: 12.804 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:113 Resp: 2111

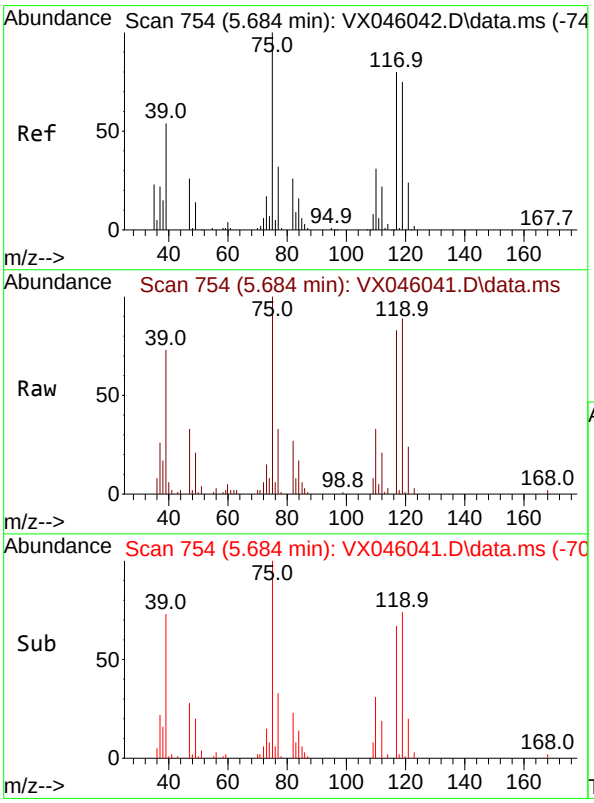
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	17.0	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

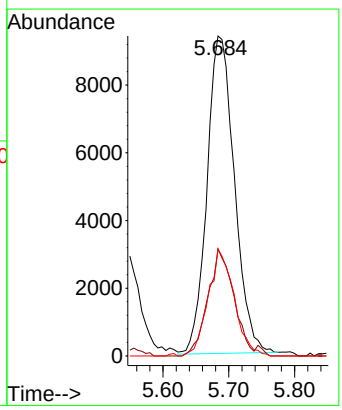
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

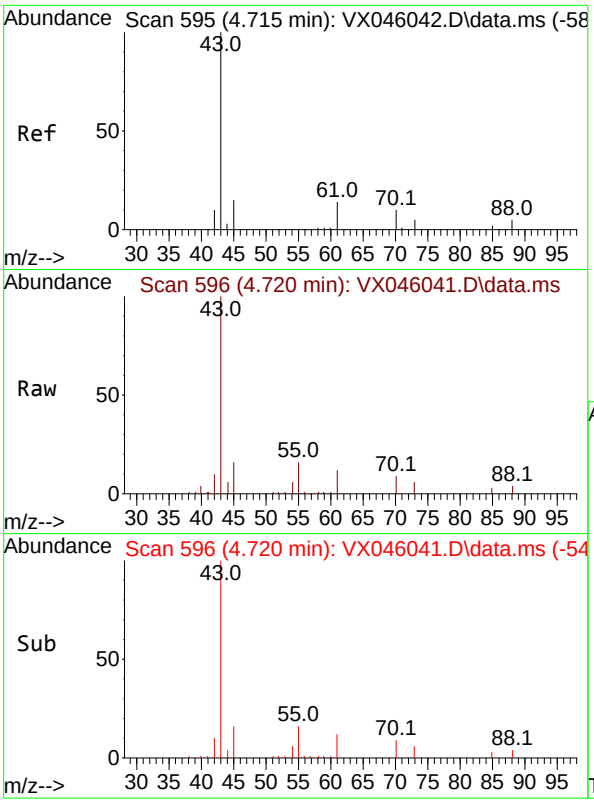


#36
1,1-Dichloropropene
Concen: 14.231 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 27242

Ion	Ratio	Lower	Upper
75	100		
110	31.6	16.3	48.9
77	31.9	24.3	36.5

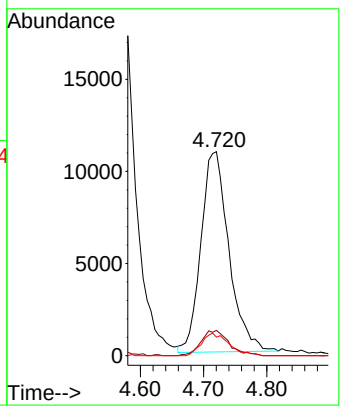




#37
Ethyl Acetate
Concen: 13.931 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 3345

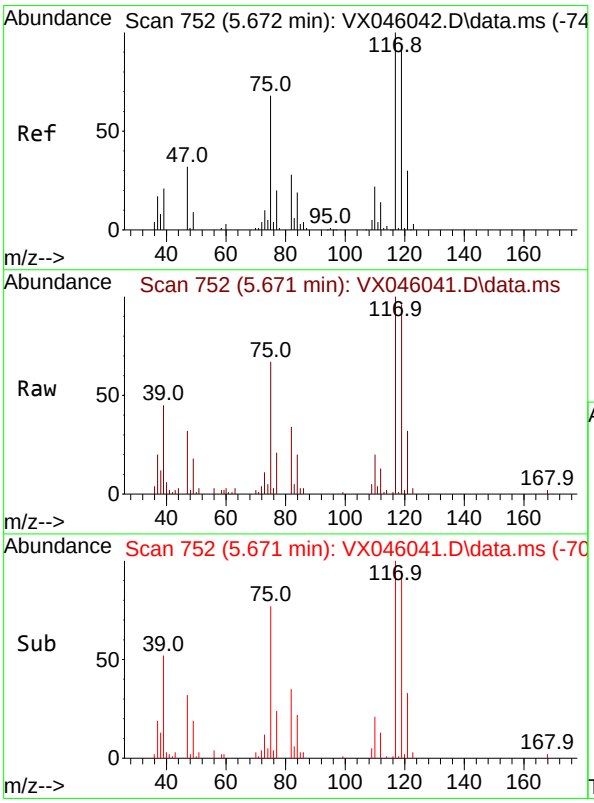
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	10.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

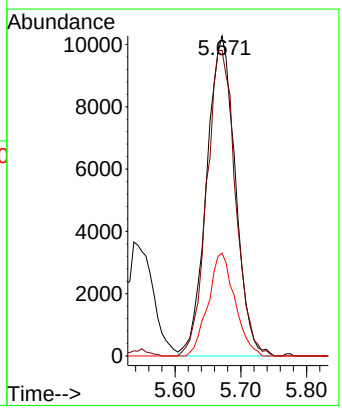
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

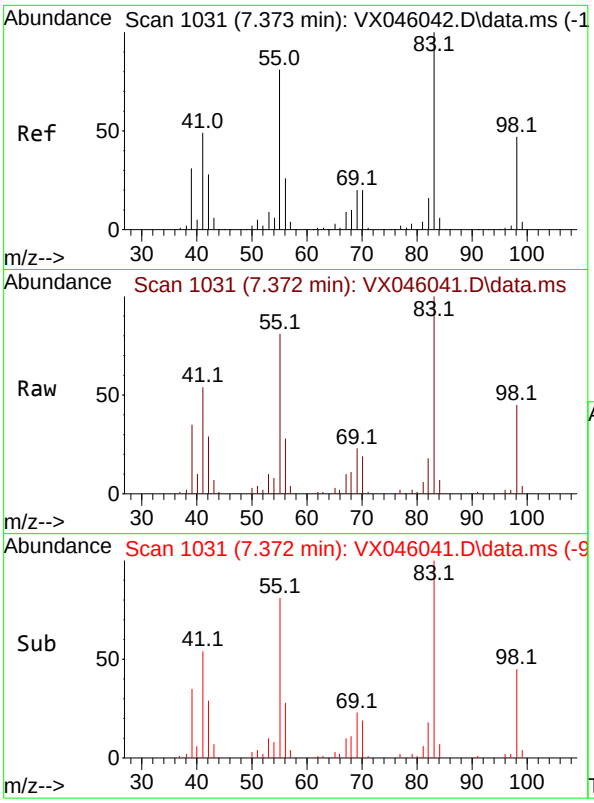


#38
Carbon Tetrachloride
Concen: 14.137 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:117 Resp: 31091

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	32.1	24.2	36.4

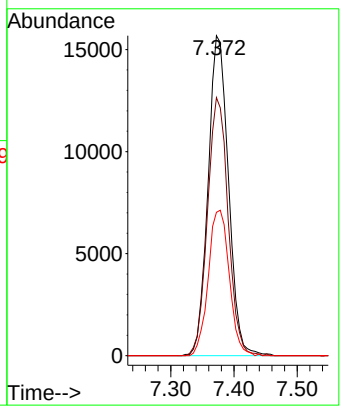




#39
Methylcyclohexane
Concen: 14.623 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 83 Resp: 3507

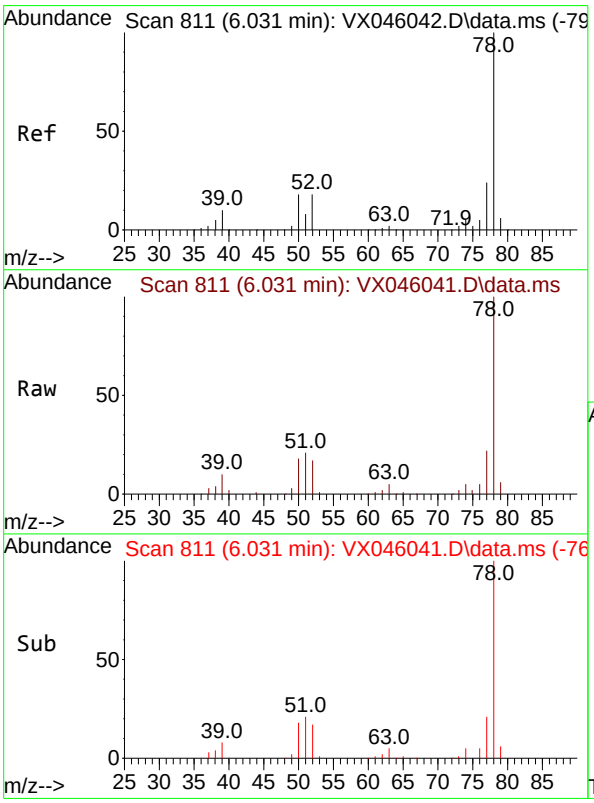
Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.7	97.1
98	44.8	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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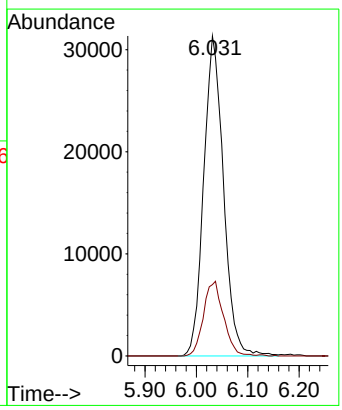
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

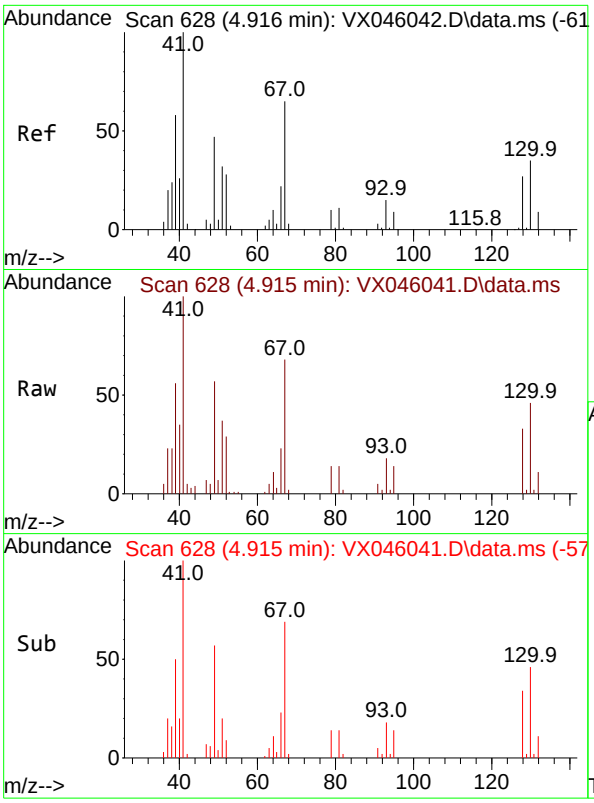


#40
Benzene
Concen: 14.140 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 78 Resp: 83898

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4

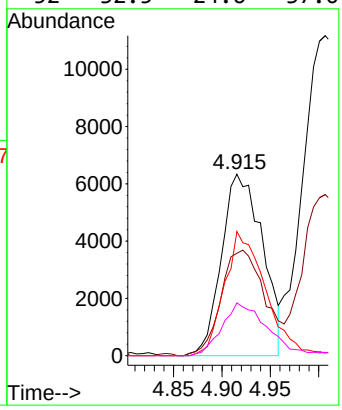




#41
Methacrylonitrile
Concen: 14.038 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 1873

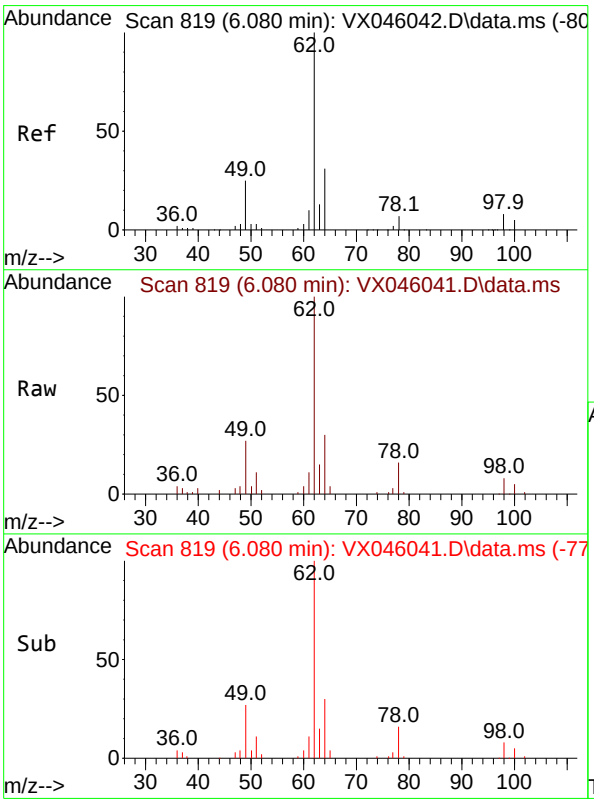
Ion	Ratio	Lower	Upper
41	100		
39	62.6	47.2	70.8
67	68.3	50.7	76.1
52	32.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

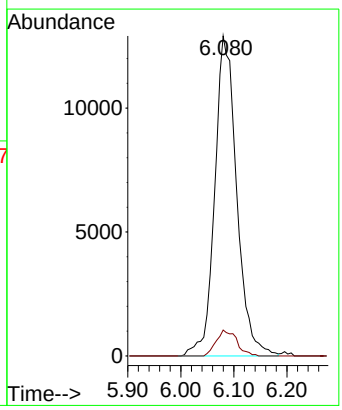
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

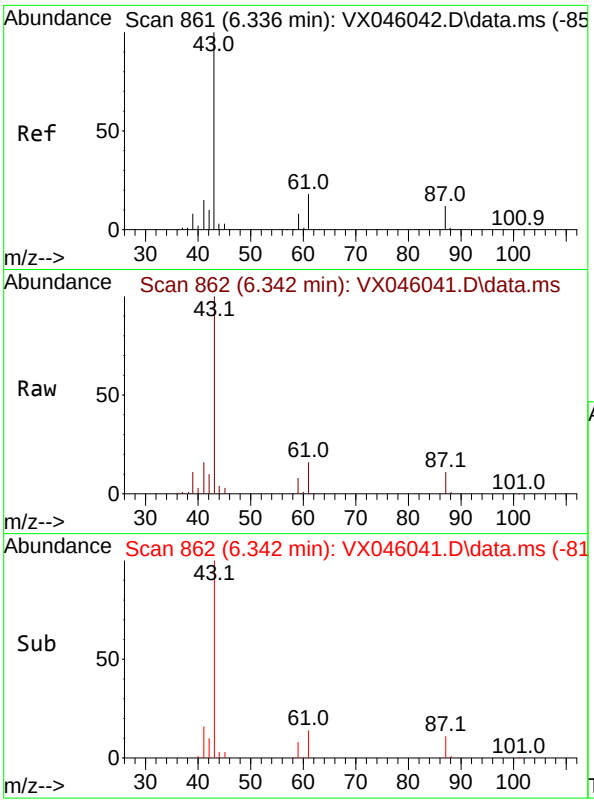


#42
1,2-Dichloroethane
Concen: 15.165 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 62 Resp: 37203

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 14.512 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

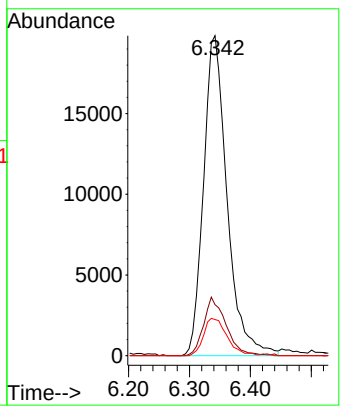
Tgt Ion: 43 Resp: 5327

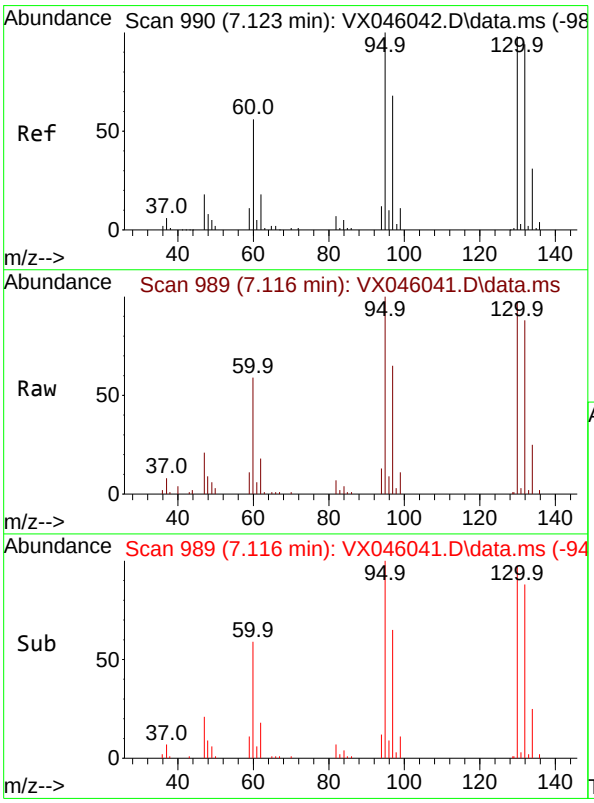
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.3	21.5
87	11.6	9.5	14.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

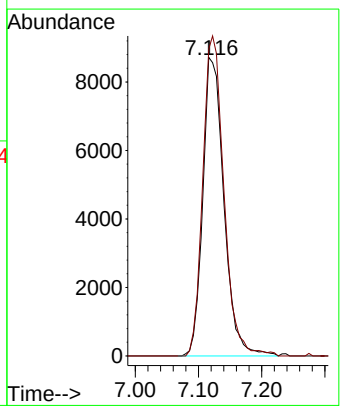


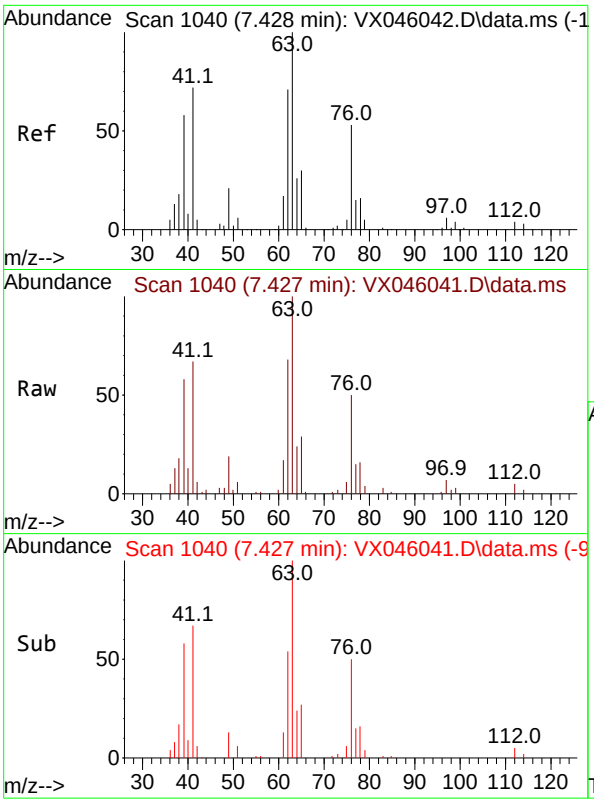


#44
Trichloroethene
Concen: 14.429 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:130 Resp: 20239

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	204.2

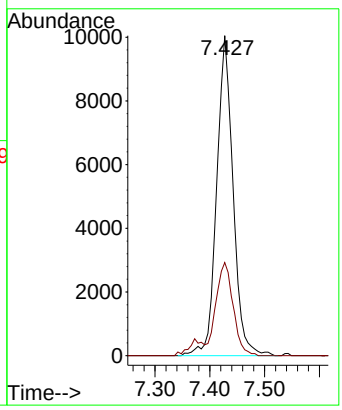




#45
1,2-Dichloropropane
Concen: 14.204 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 2094

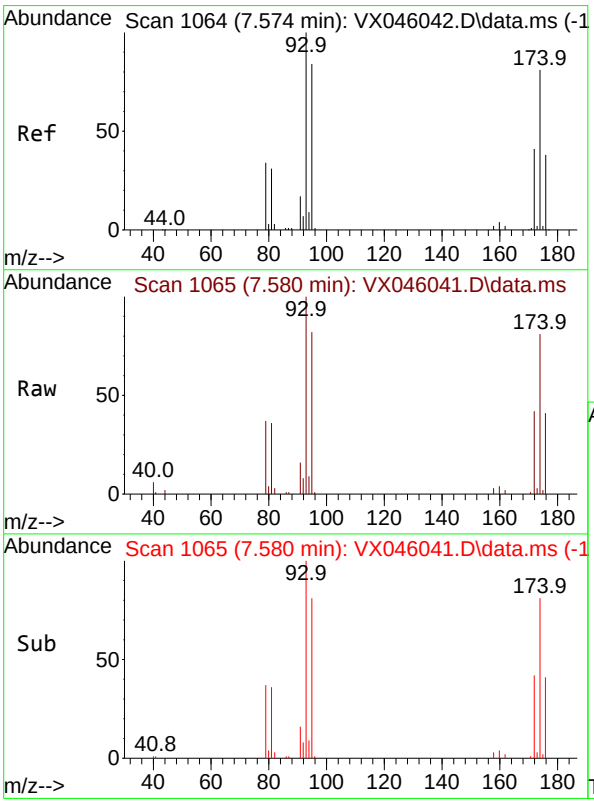
Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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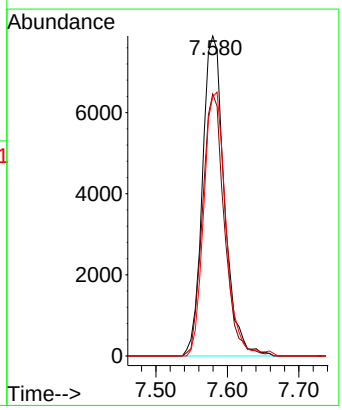
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

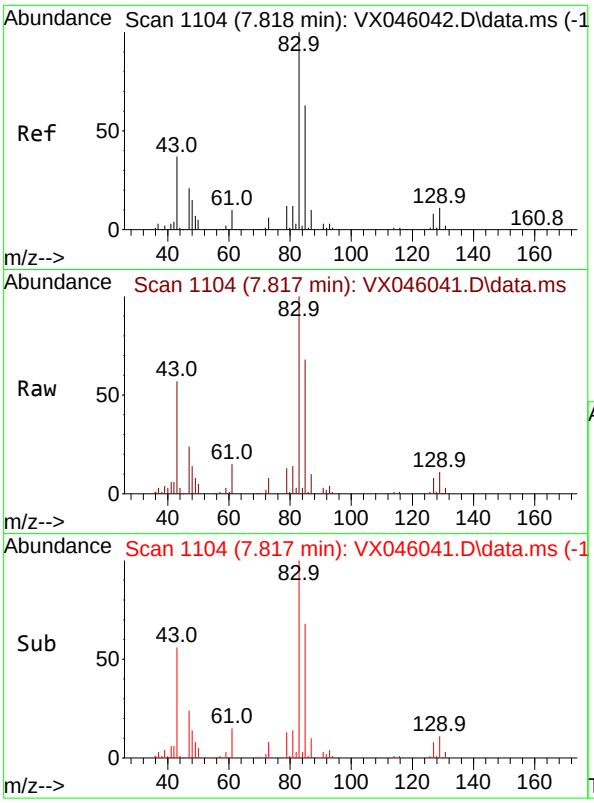


#46
Dibromomethane
Concen: 14.439 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 93 Resp: 16781

Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.6	98.4
174	83.1	68.2	102.2

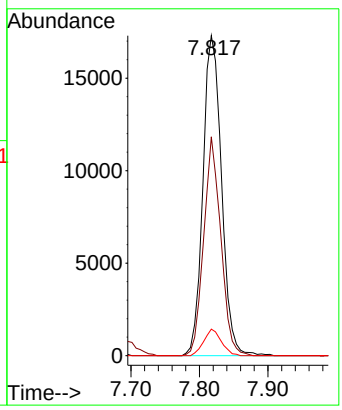




#47
Bromodichloromethane
Concen: 14.545 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 83 Resp: 3276

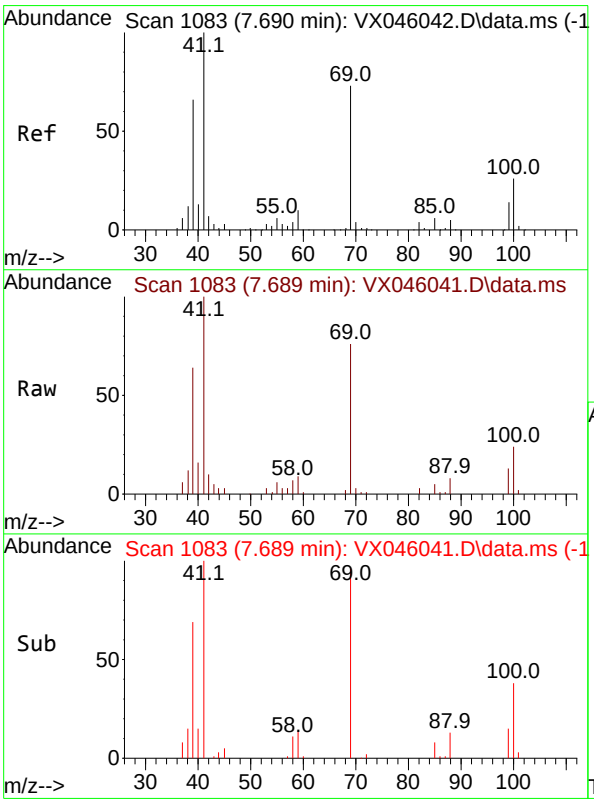
Ion	Ratio	Lower	Upper
83	100		
85	68.4	50.5	75.7
127	8.3	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

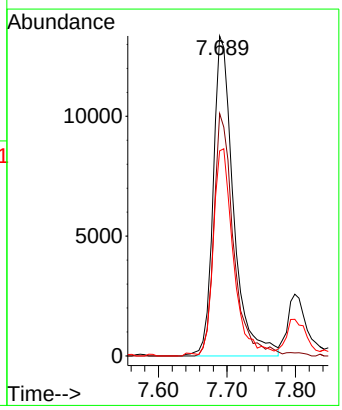
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

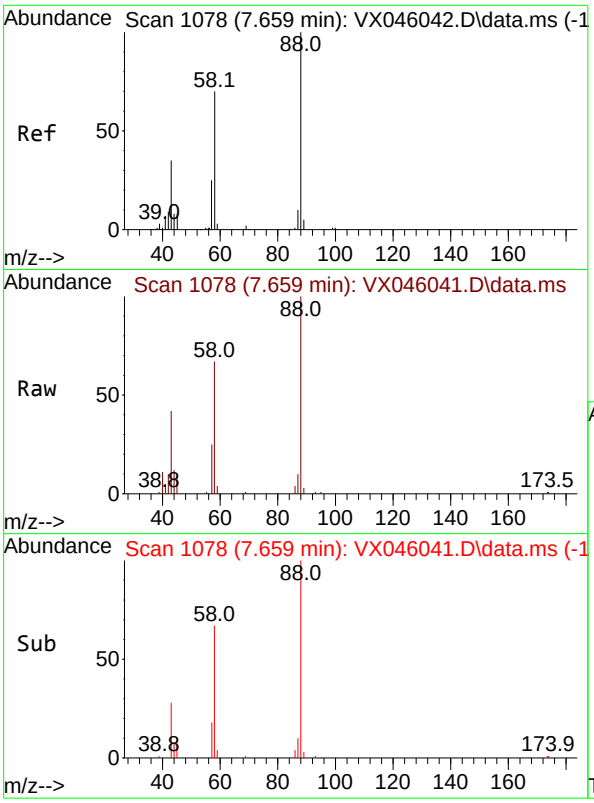


#48
Methyl methacrylate
Concen: 14.521 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 27374

Ion	Ratio	Lower	Upper
41	100		
69	73.5	58.5	87.7
39	64.9	51.7	77.5





#49
1,4-Dioxane
Concen: 282.442 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

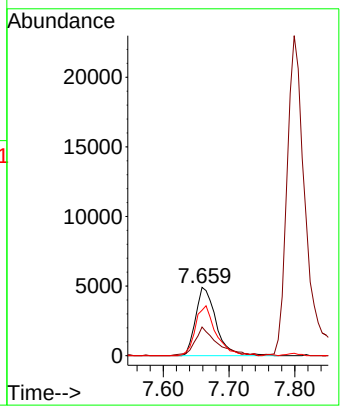
Tgt Ion: 88 Resp: 1058

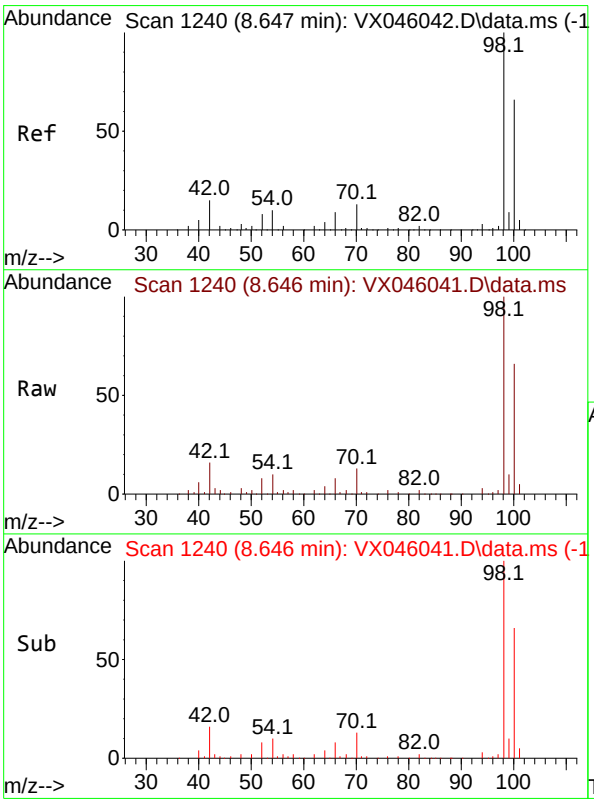
Ion	Ratio	Lower	Upper
88	100		
43	45.5	33.4	50.2
58	73.6	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

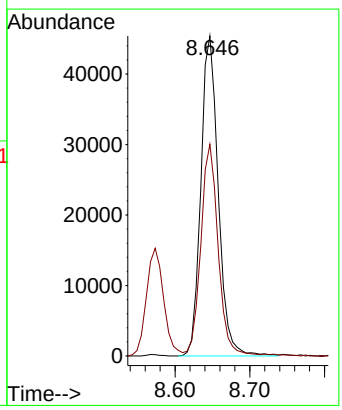


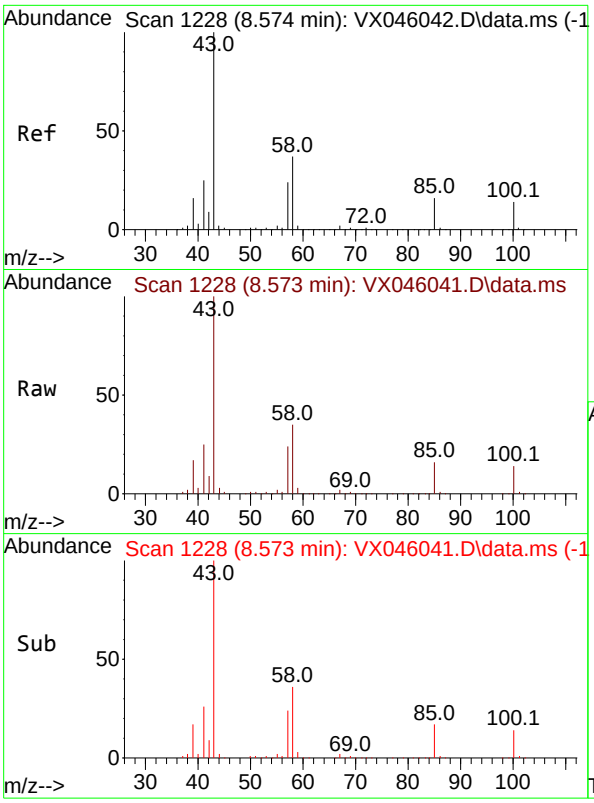


#50
Toluene-d8
Concen: 13.200 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 98 Resp: 73333

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3





#51
4-Methyl-2-Pentanone
Concen: 75.775 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

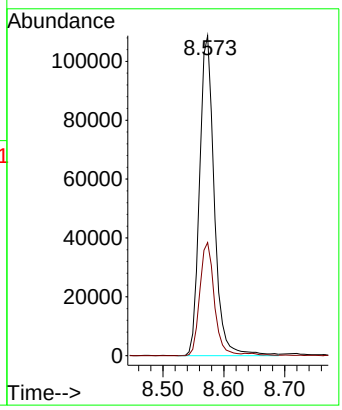
Tgt Ion: 43 Resp: 18245

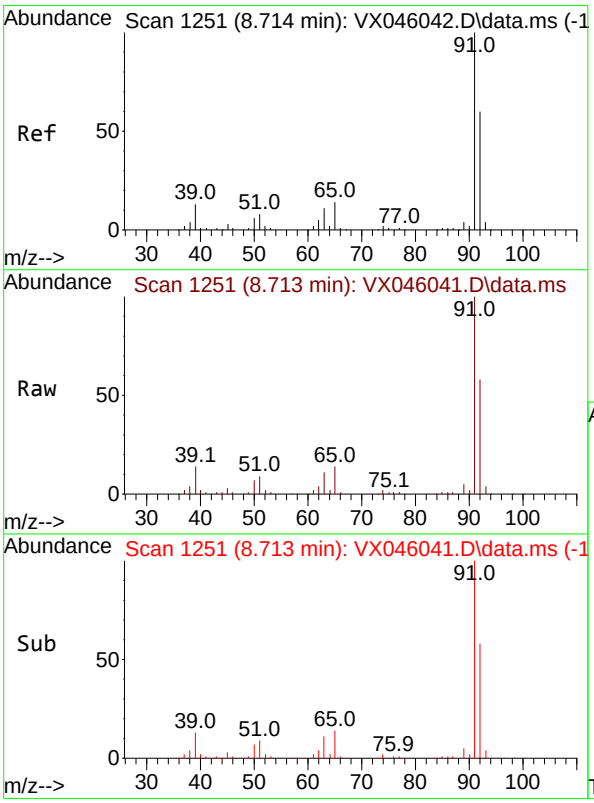
Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

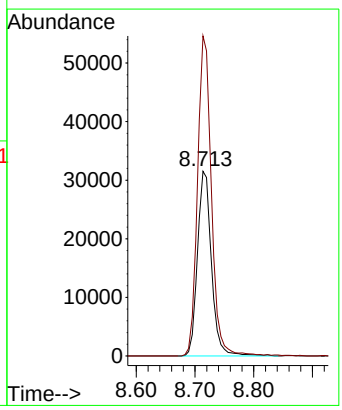


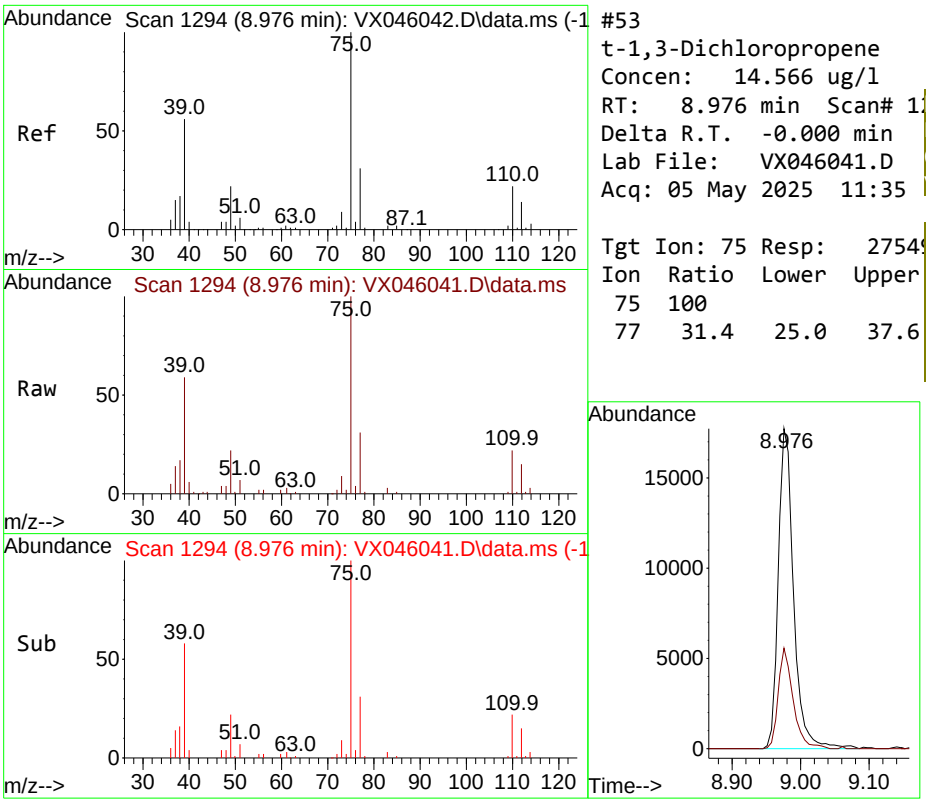


#52
Toluene
Concen: 14.788 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 92 Resp: 52030

Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.6	205.0





#53
t-1,3-Dichloropropene
Concen: 14.566 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

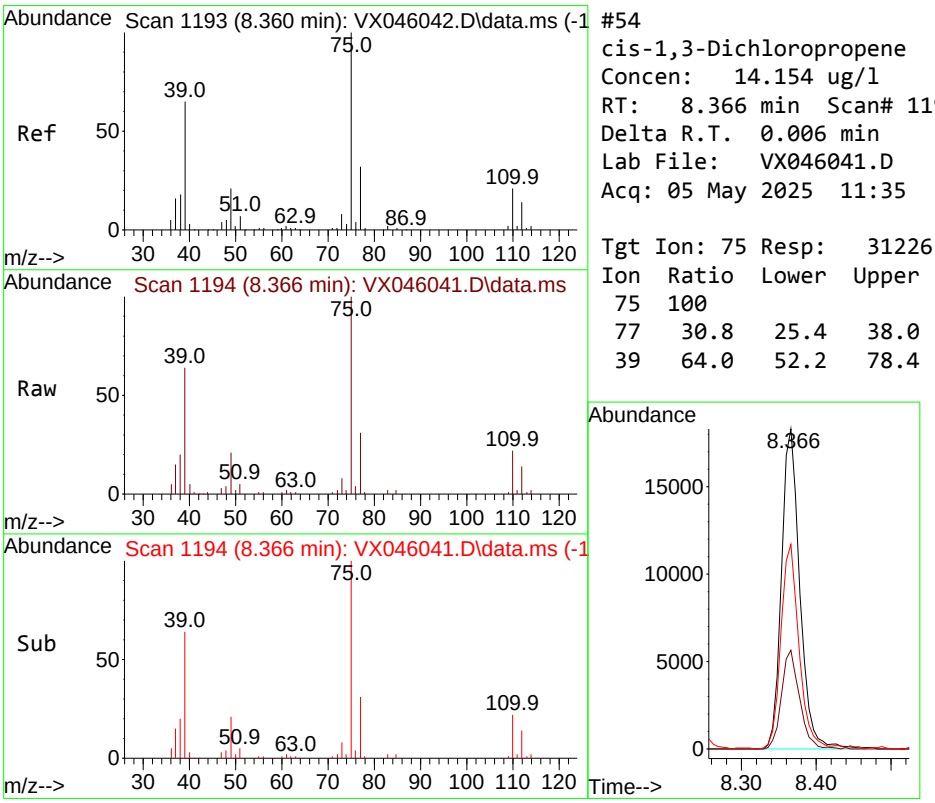
Tgt Ion: 75 Resp: 2754

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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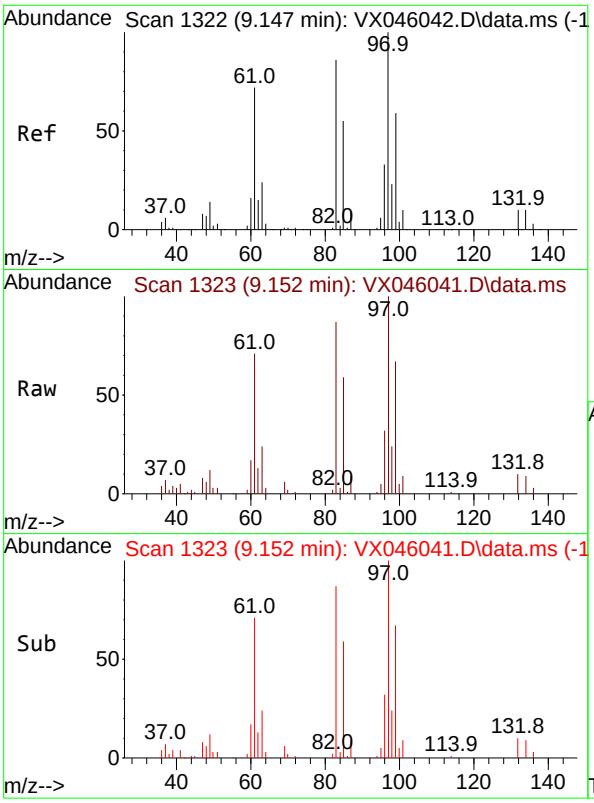
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#54
cis-1,3-Dichloropropene
Concen: 14.154 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 31226

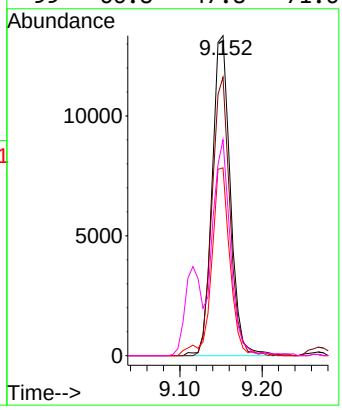
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	64.0	52.2	78.4



#55
1,1,2-Trichloroethane
Concen: 14.442 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 97 Resp: 2053

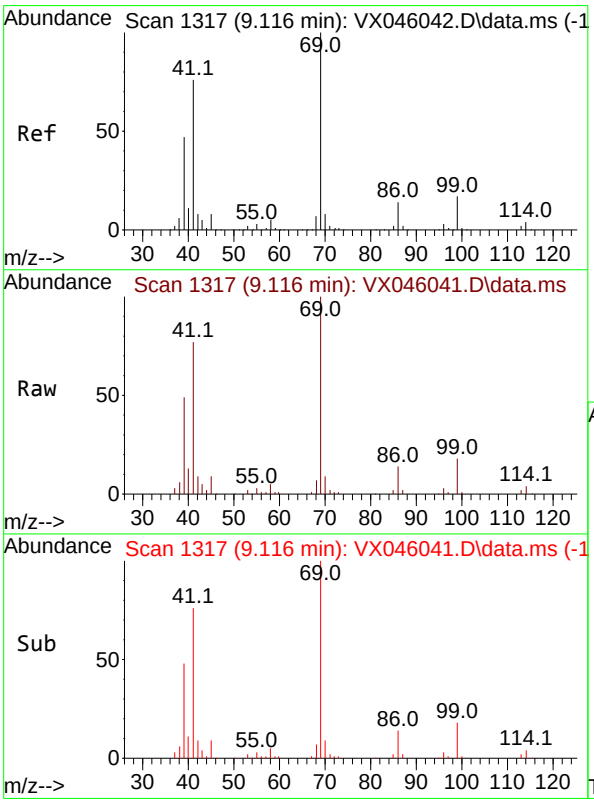
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	58.7	44.3	66.5
99	66.8	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

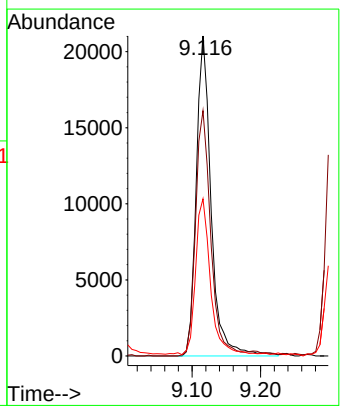
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

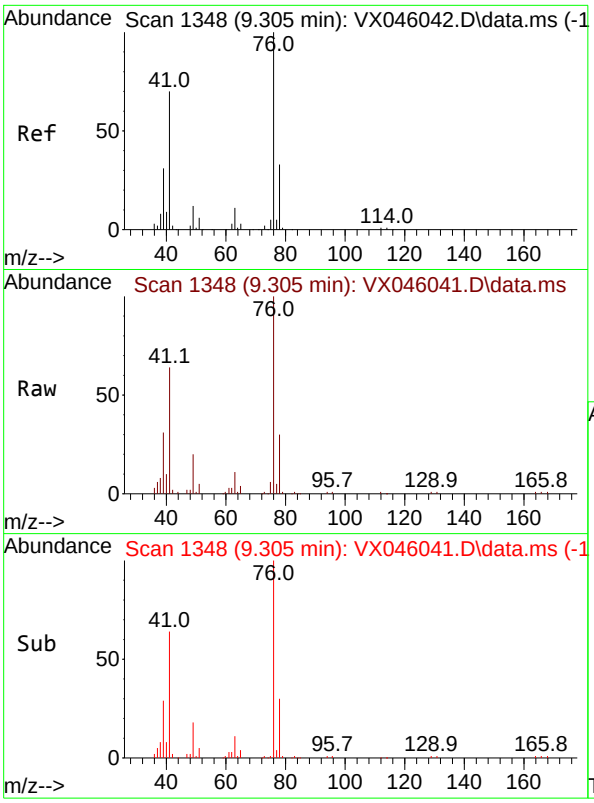


#56
Ethyl methacrylate
Concen: 14.425 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 69 Resp: 31787

Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.8	91.2
39	49.3	39.0	58.6

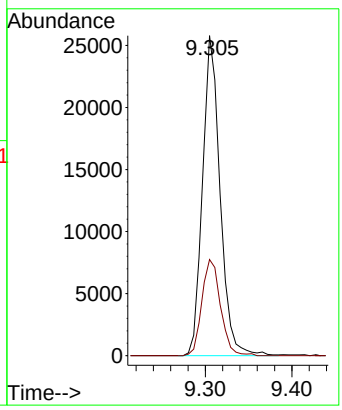




#57
1,3-Dichloropropane
Concen: 14.417 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 76 Resp: 3634

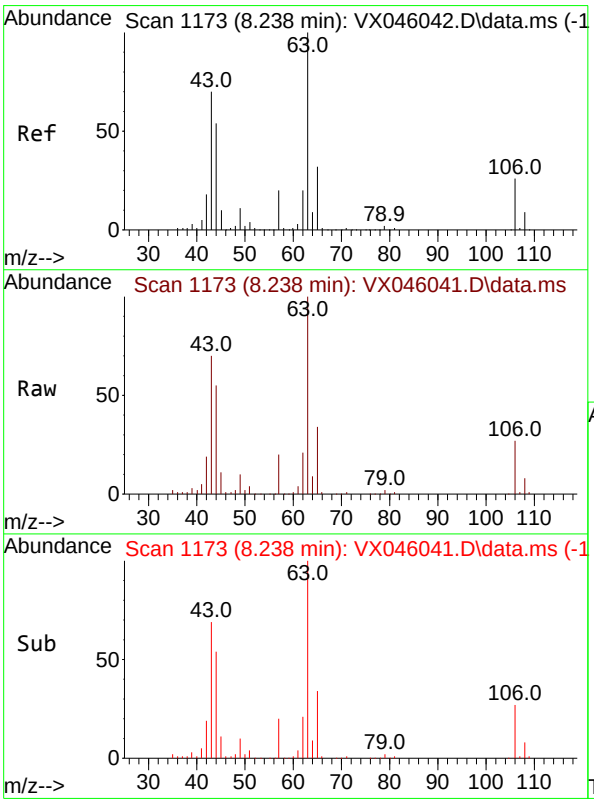
Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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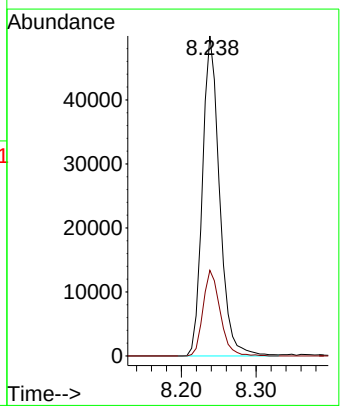
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

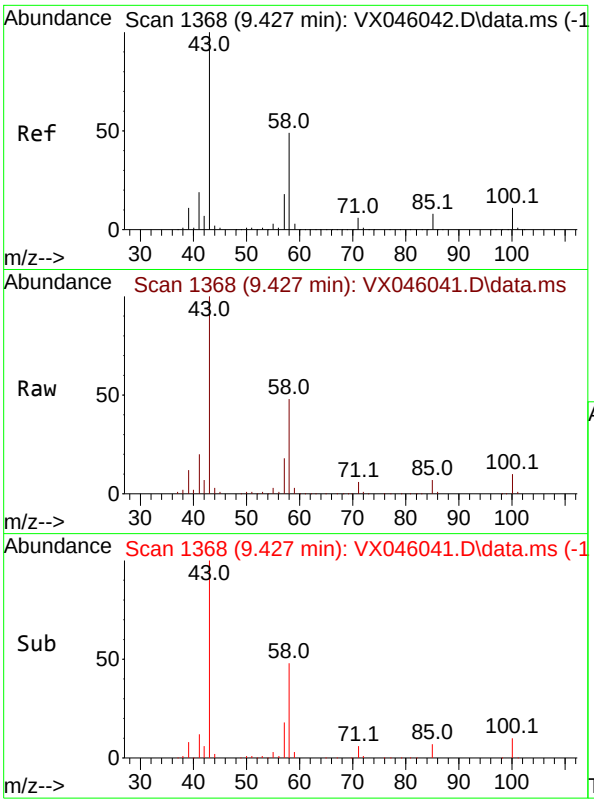


#58
2-Chloroethyl Vinyl ether
Concen: 80.312 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 79531

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3





#59
2-Hexanone
Concen: 74.997 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

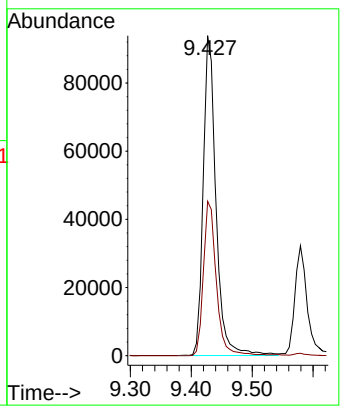
Tgt Ion: 43 Resp: 13705

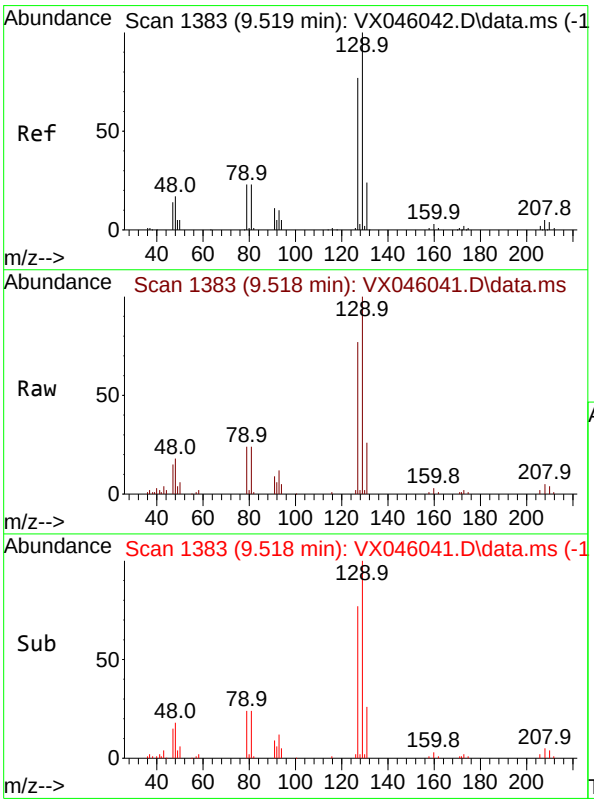
Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

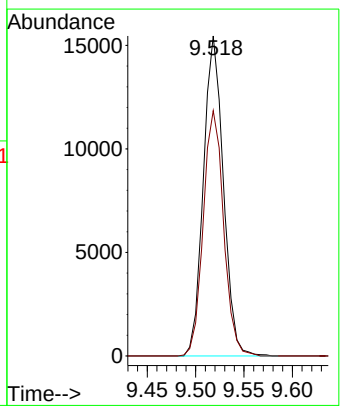


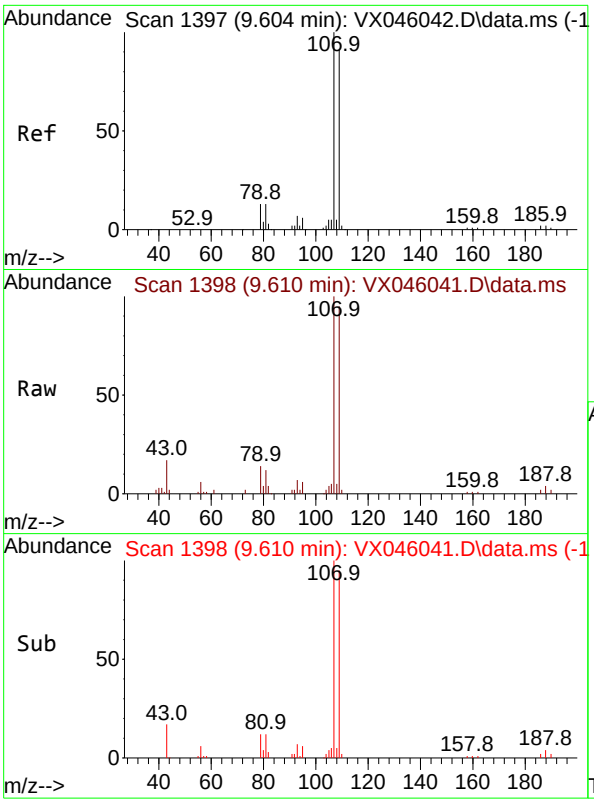


#60
Dibromochloromethane
Concen: 14.387 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:129 Resp: 22267

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.8

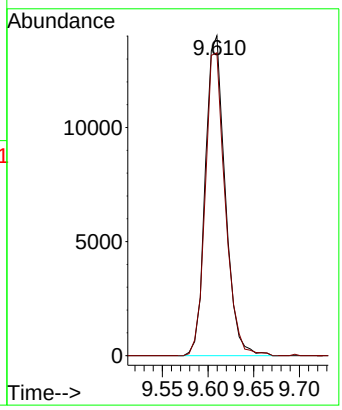




#61
1,2-Dibromoethane
Concen: 14.458 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:107 Resp: 2111

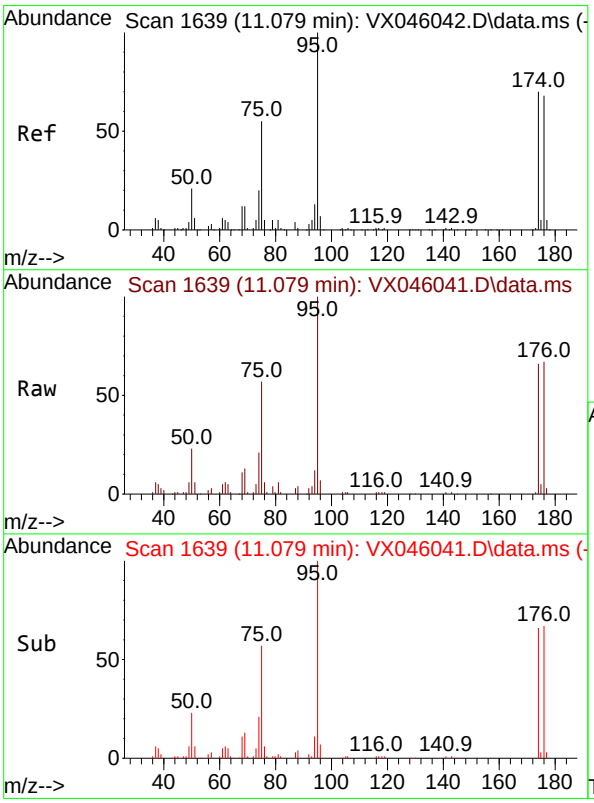
Ion	Ratio	Lower	Upper
107	100		
109	95.3	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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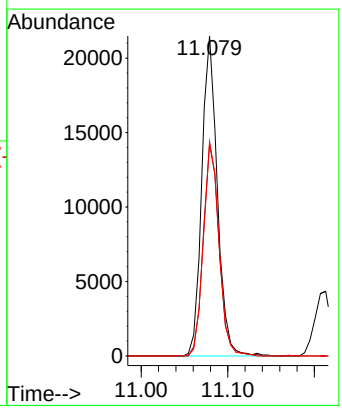
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

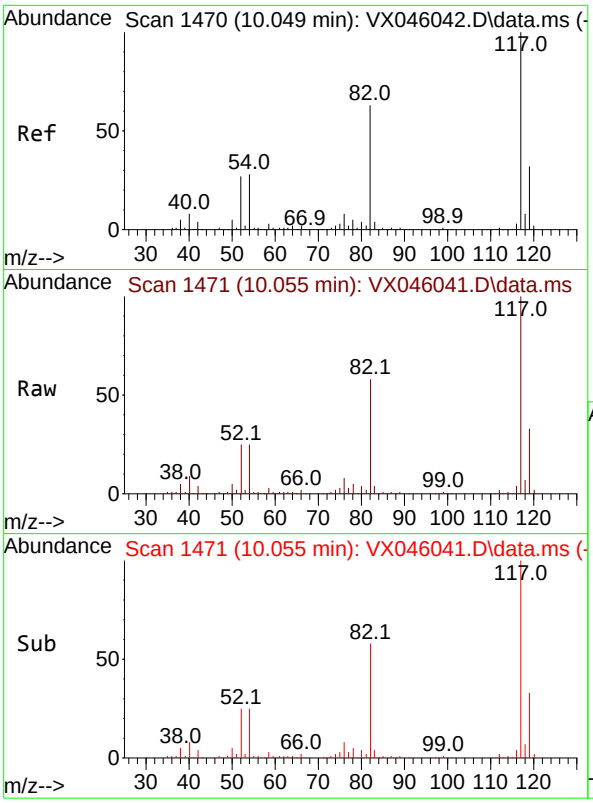


#62
4-Bromofluorobenzene
Concen: 13.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 95 Resp: 26760

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	67.0	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

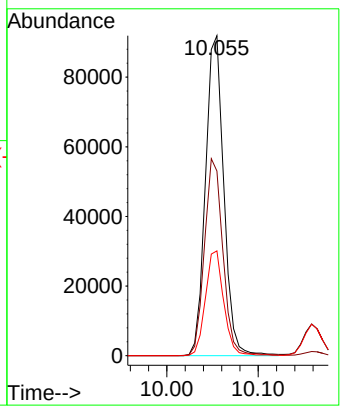
Tgt Ion:117 Resp: 12782

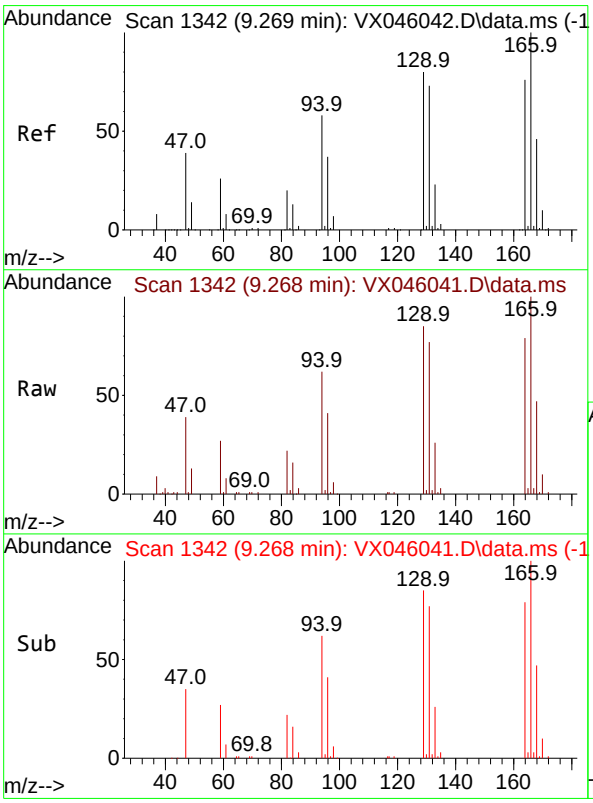
Ion	Ratio	Lower	Upper
117	100		
82	57.7	50.6	76.0
119	32.7	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

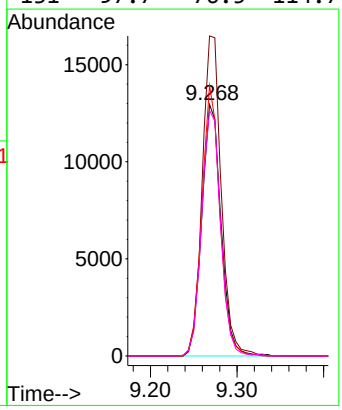


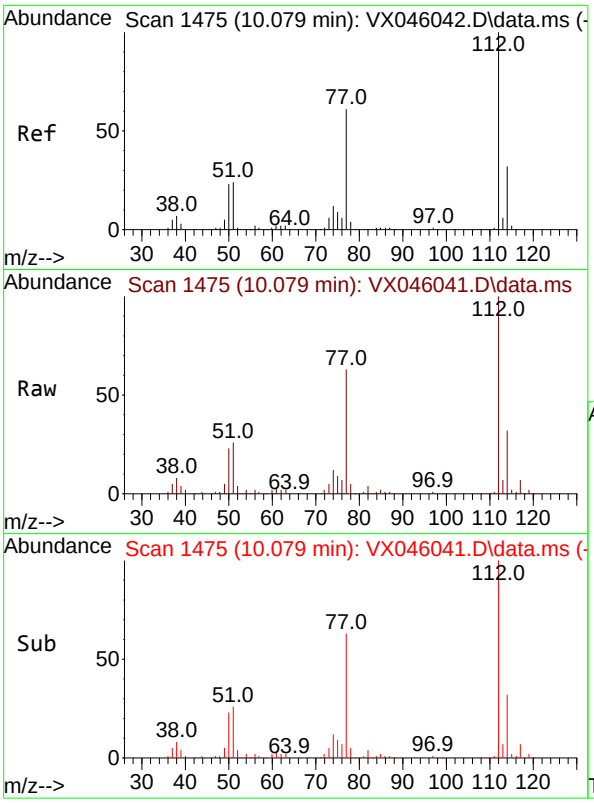


#64
Tetrachloroethene
Concen: 15.263 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:164 Resp: 19924

Ion	Ratio	Lower	Upper
164	100		
166	127.2	105.0	157.6
129	107.6	83.5	125.3
131	97.7	76.5	114.7





#65
Chlorobenzene
Concen: 14.202 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

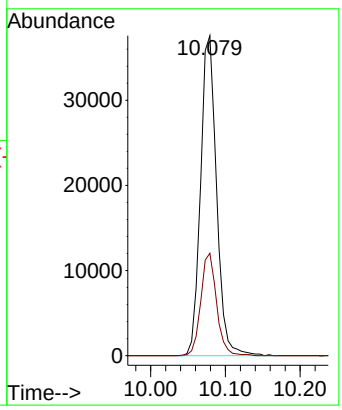
Tgt Ion:112 Resp: 5586

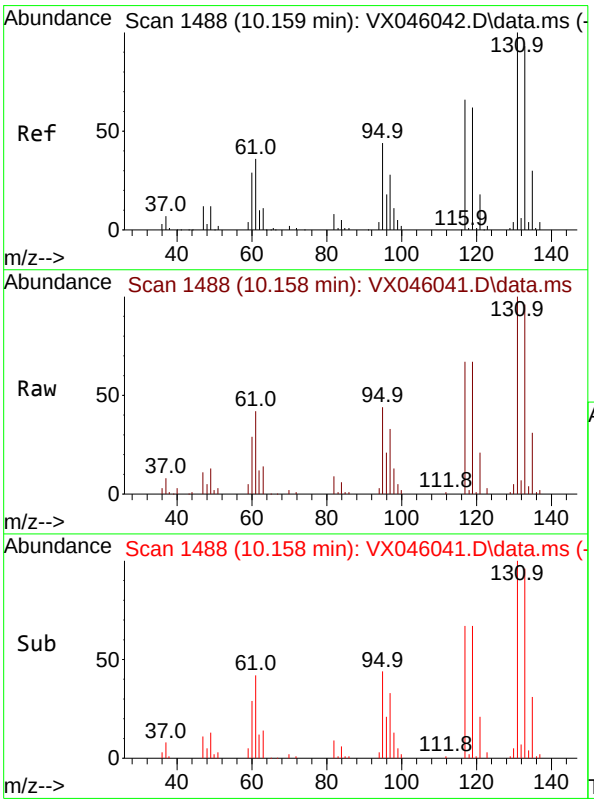
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

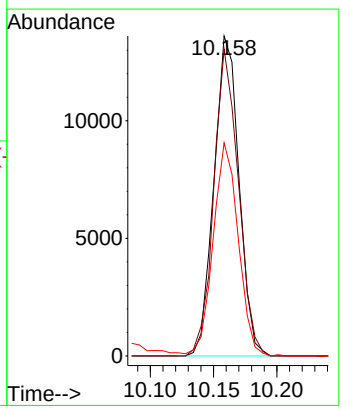


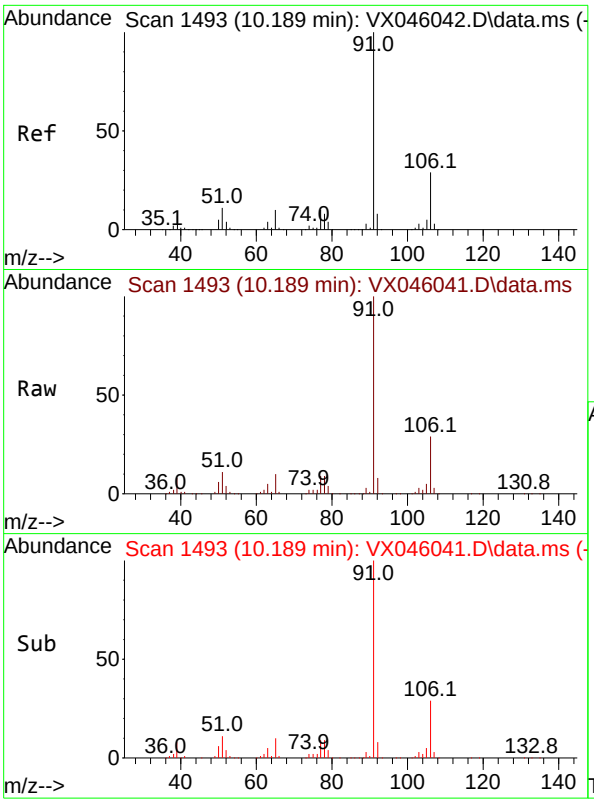


#66
1,1,1,2-Tetrachloroethane
Concen: 14.231 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:131 Resp: 18671

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.9
119	66.7	31.6	95.0

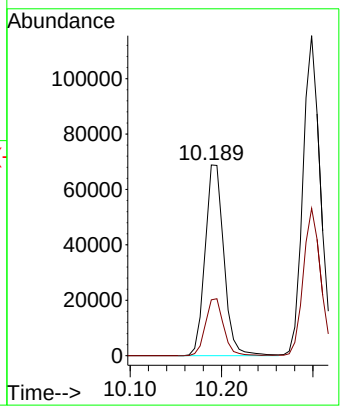




#67
Ethyl Benzene
Concen: 14.631 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 9811

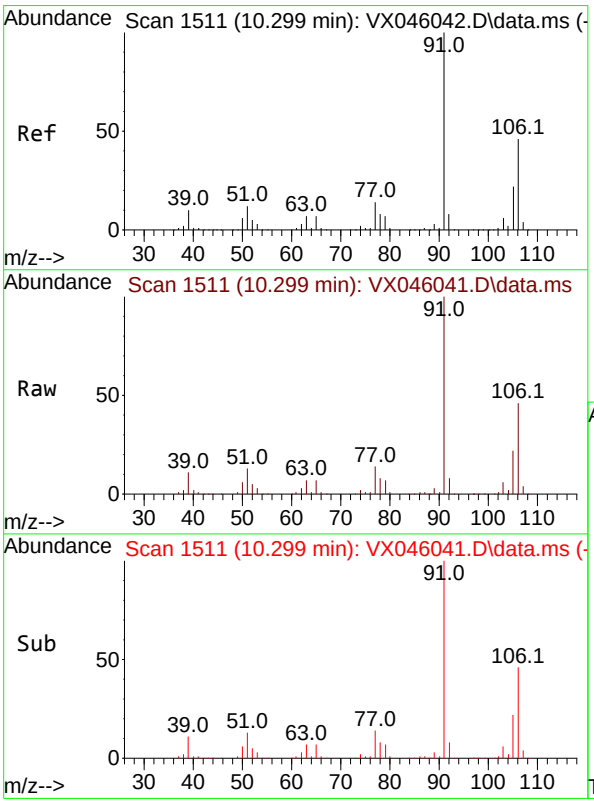
Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

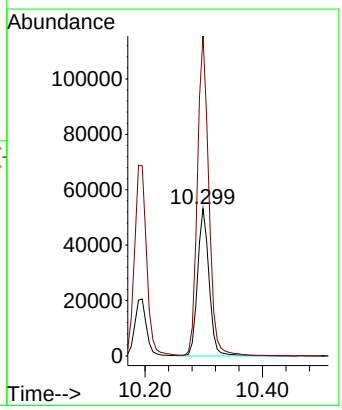
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

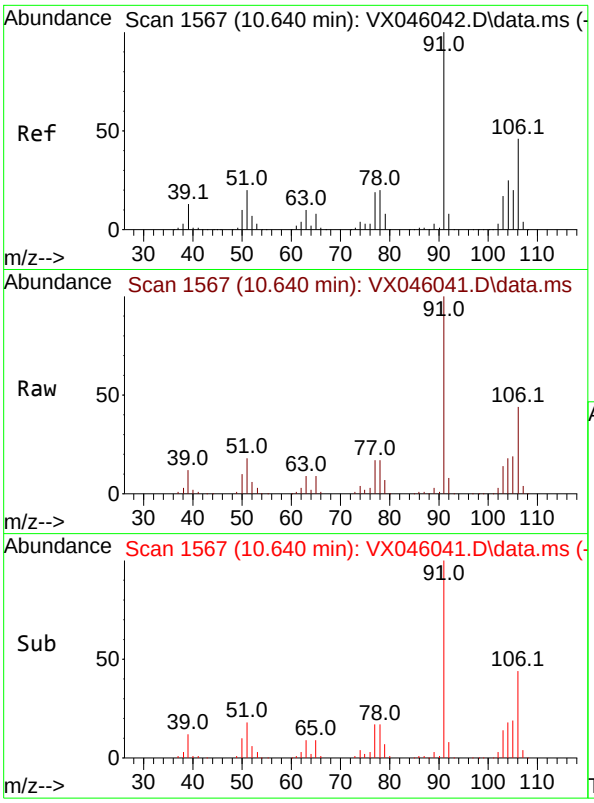


#68
m/p-Xylenes
Concen: 29.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:106 Resp: 72202

Ion	Ratio	Lower	Upper
106	100		
91	216.1	171.2	256.8

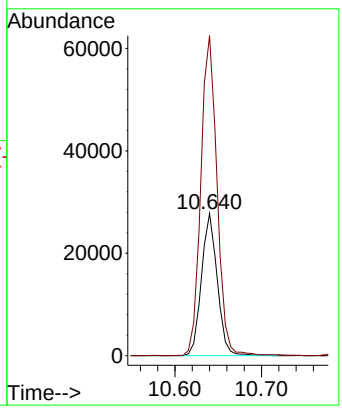




#69
o-Xylene
Concen: 14.408 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:106 Resp: 3517

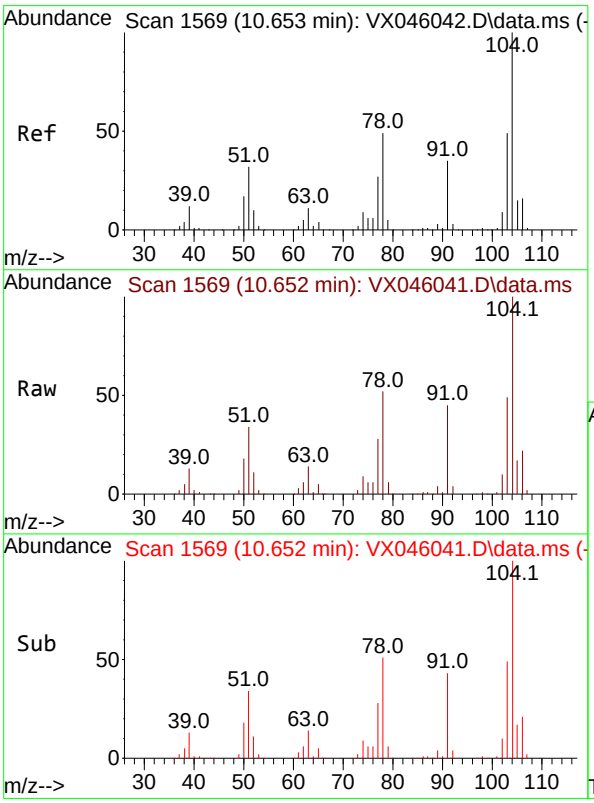
Ion	Ratio	Lower	Upper
106	100		
91	231.7	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

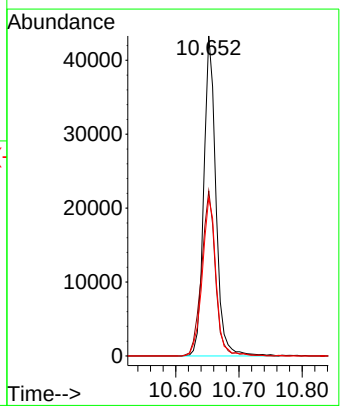
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

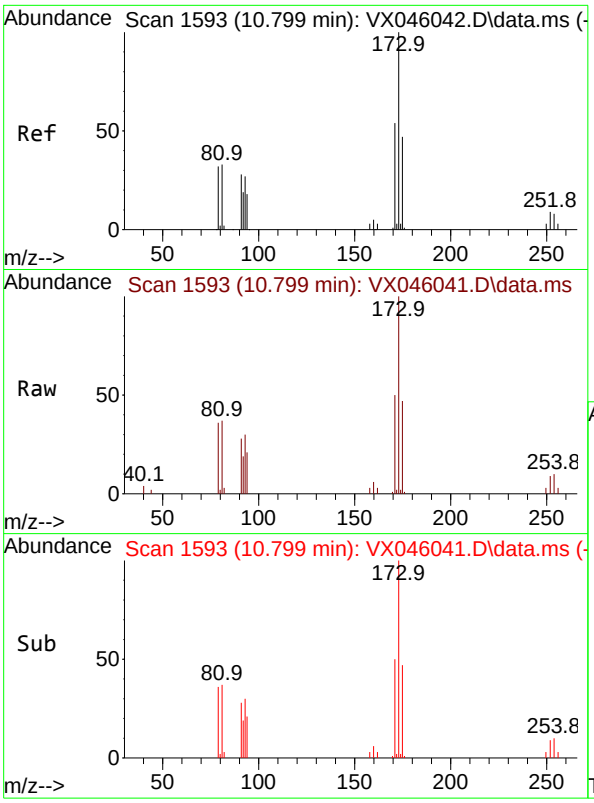


#70
Styrene
Concen: 14.853 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:104 Resp: 58034

Ion	Ratio	Lower	Upper
104	100		
78	58.7	45.7	68.5
103	55.6	43.7	65.5

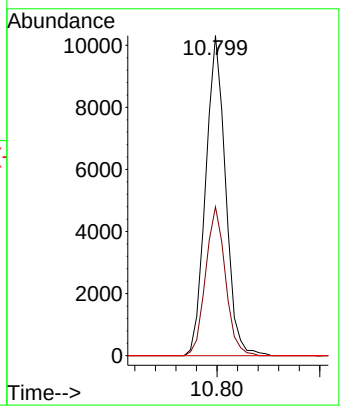




#71
Bromoform
Concen: 14.030 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:173 Resp: 1382

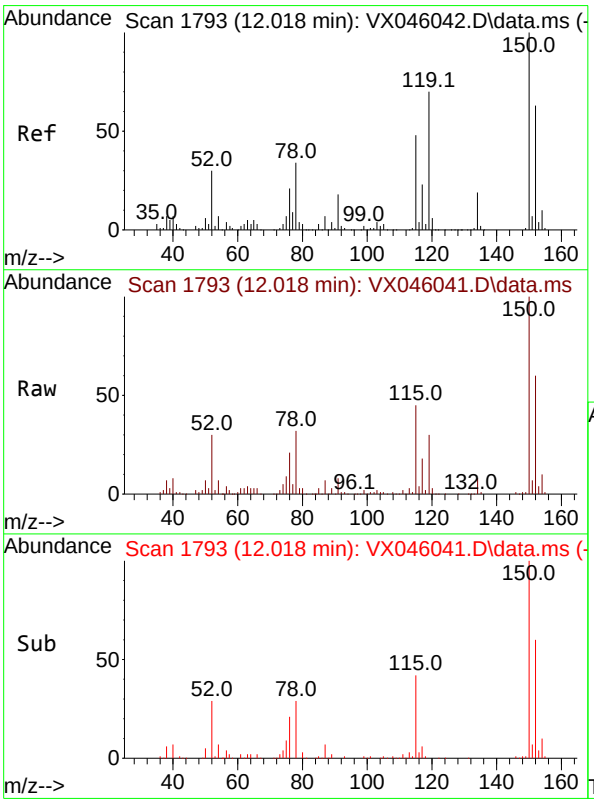
Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

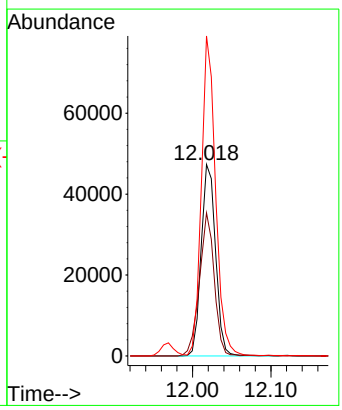
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

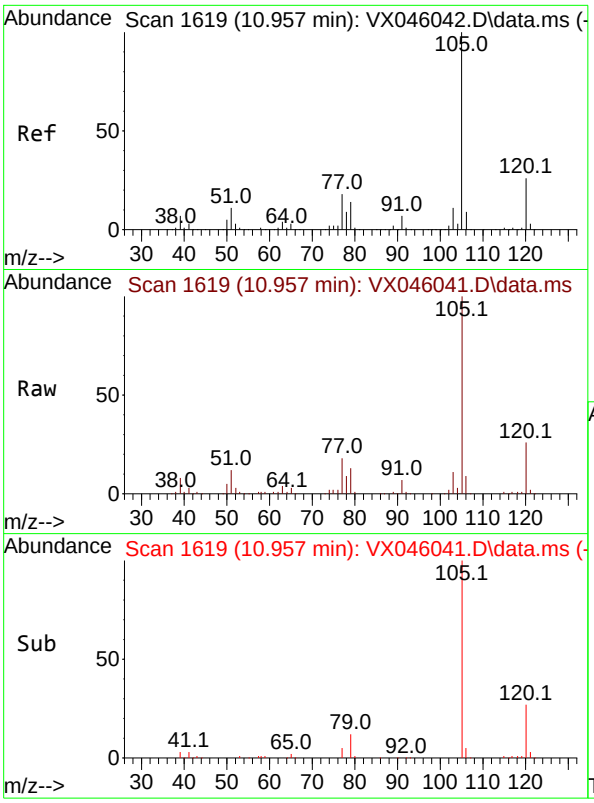


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:152 Resp: 60503

Ion	Ratio	Lower	Upper
152	100		
115	76.6	46.9	140.7
150	163.6	0.0	351.0

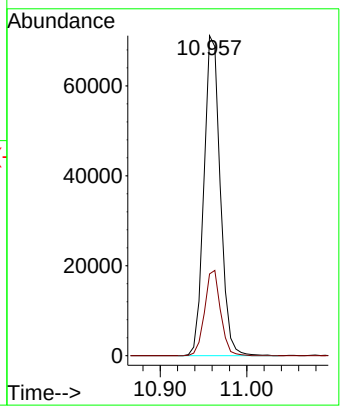




#73
Isopropylbenzene
Concen: 14.096 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 9301

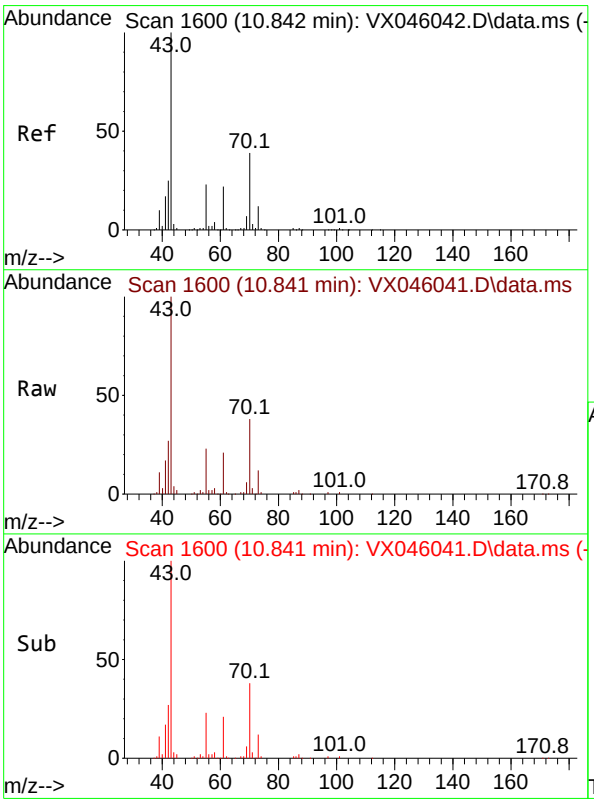
Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

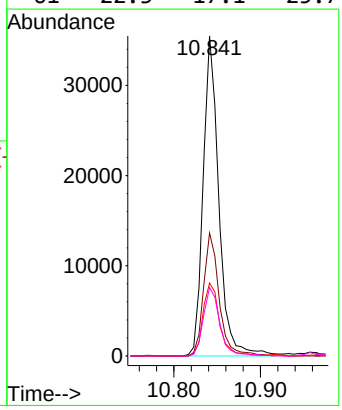
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

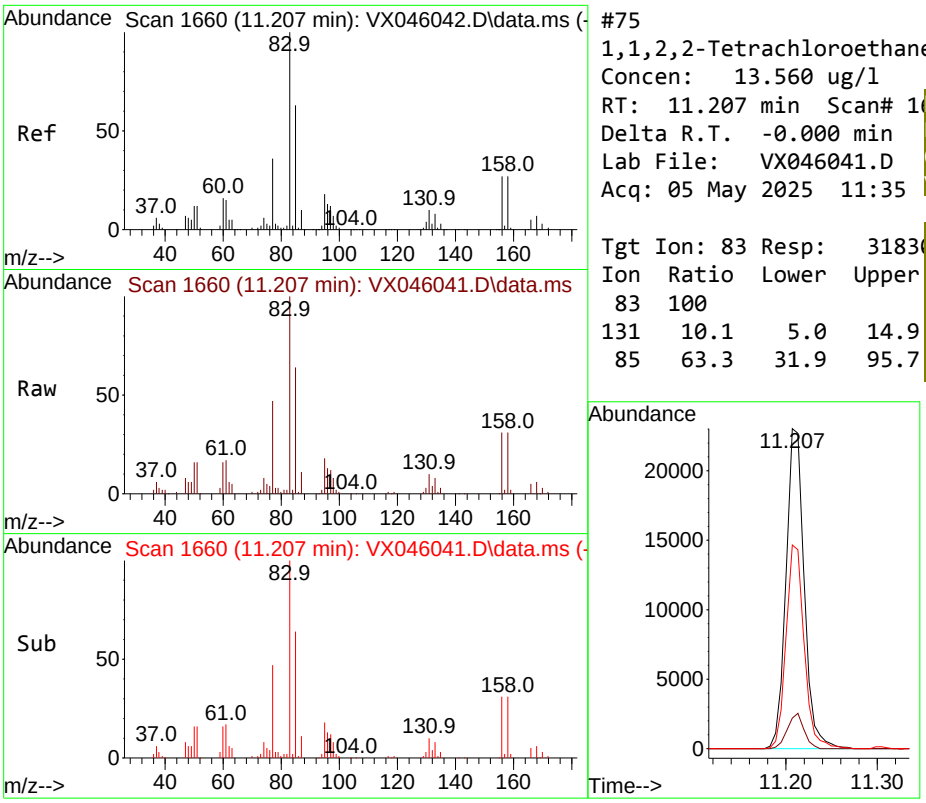


#74
N-amyl acetate
Concen: 13.581 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 44684

Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	24.1	18.7	28.1
61	22.3	17.1	25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 13.560 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

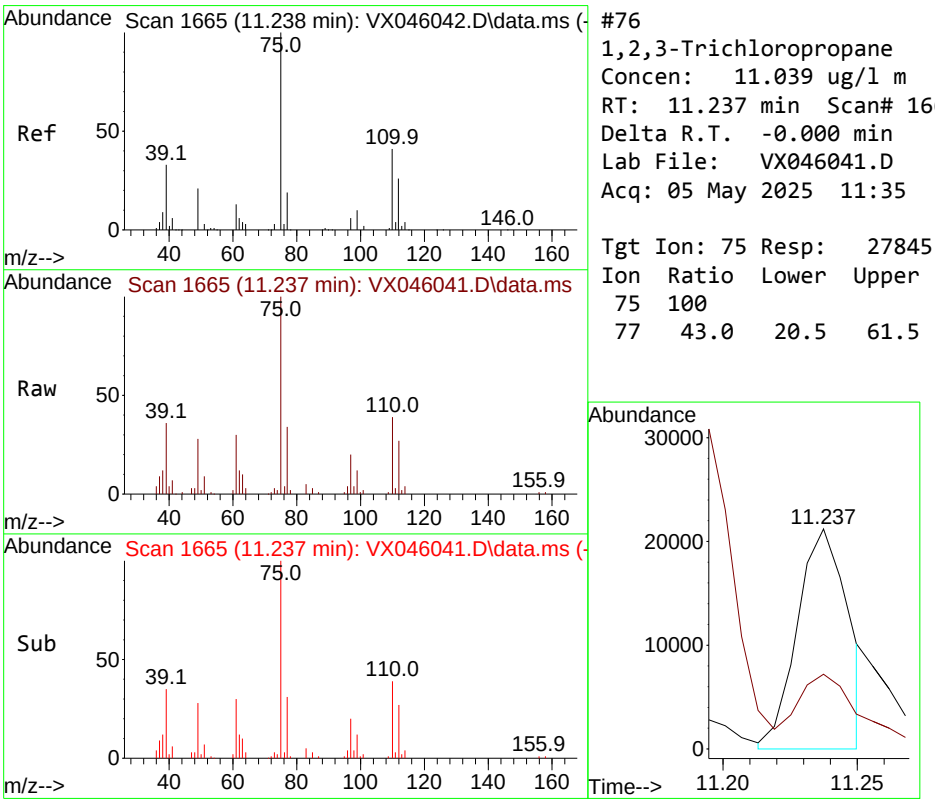
Tgt Ion: 83 Resp: 3183

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	63.3	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

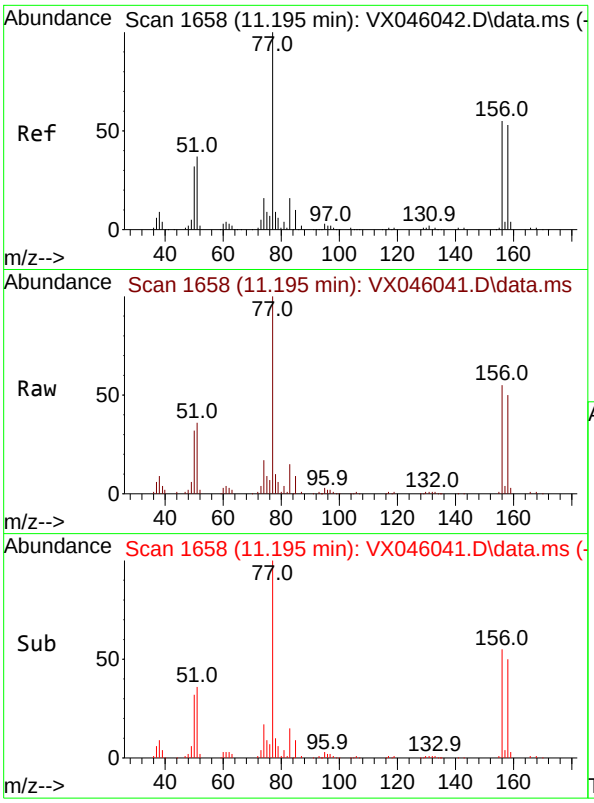
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 11.039 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 27845

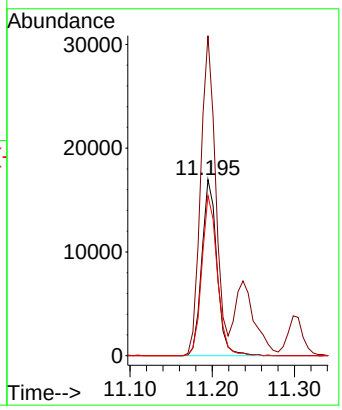
Ion	Ratio	Lower	Upper
75	100		
77	43.0	20.5	61.5



#77
Bromobenzene
Concen: 14.212 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:156 Resp: 2169

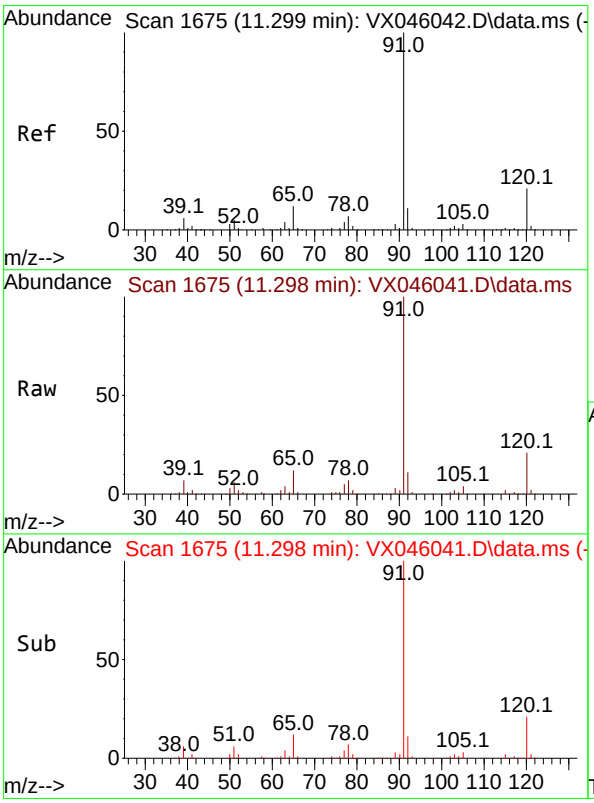
Ion	Ratio	Lower	Upper
156	100		
77	179.9	92.8	278.3
158	93.1	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

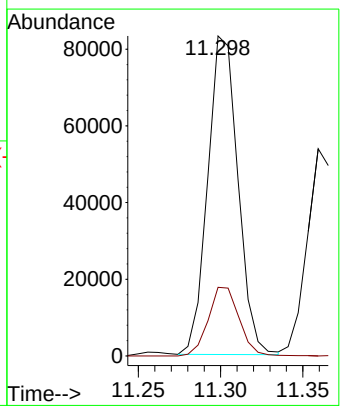
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

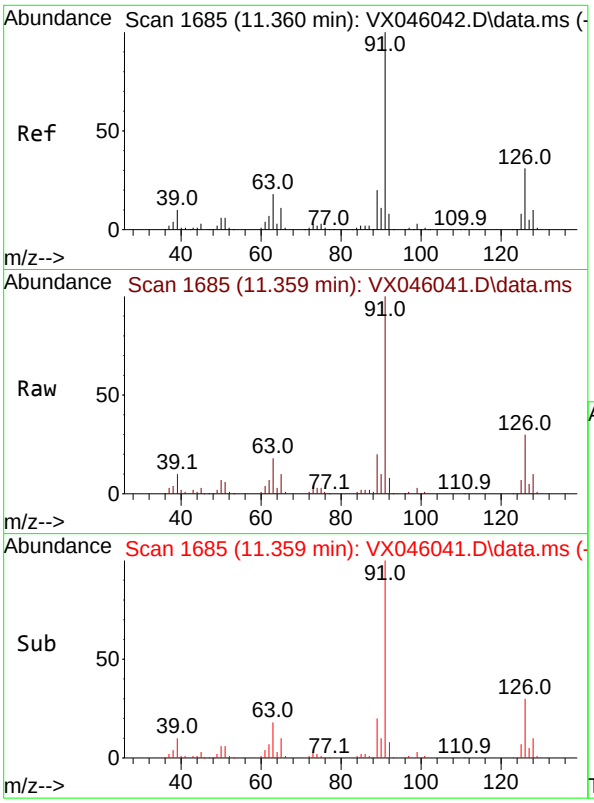


#78
n-propylbenzene
Concen: 14.376 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 106337

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4





#79
2-Chlorotoluene
Concen: 13.748 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

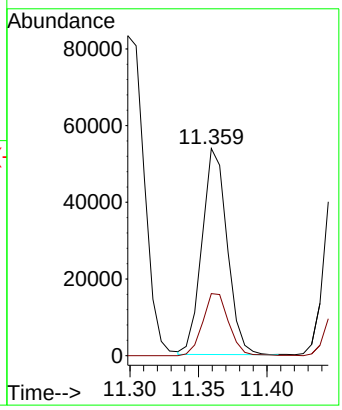
Tgt Ion: 91 Resp: 6853

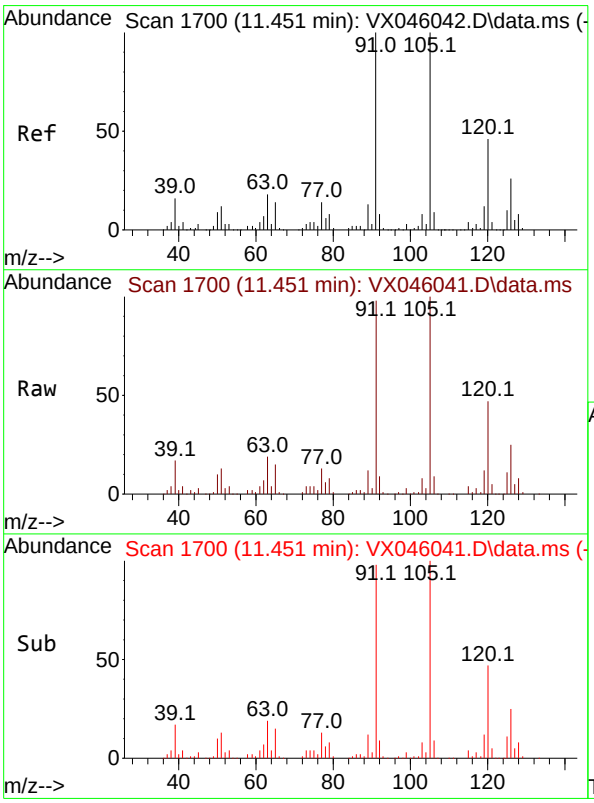
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

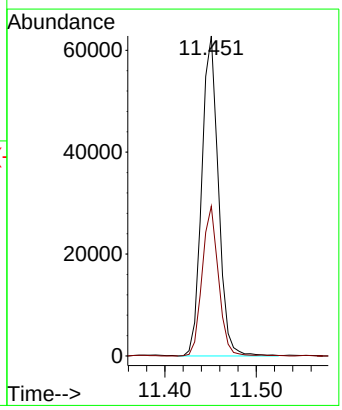


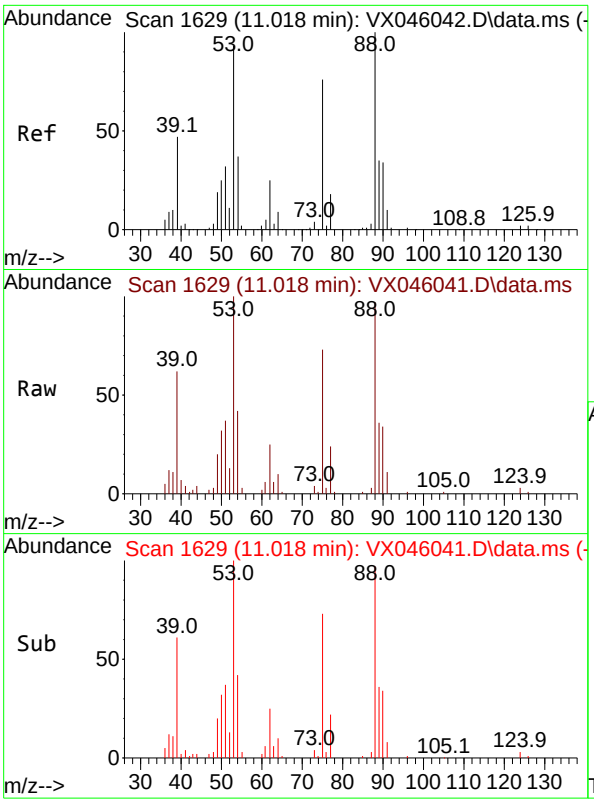


#80
1,3,5-Trimethylbenzene
Concen: 14.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 79261

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2

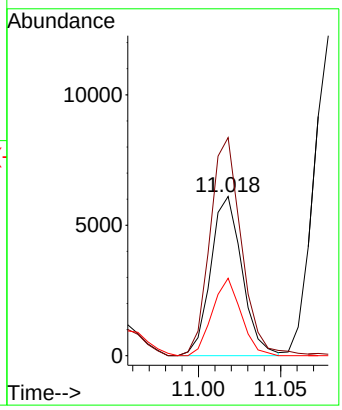




#81
trans-1,4-Dichloro-2-butene
Concen: 13.371 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 810

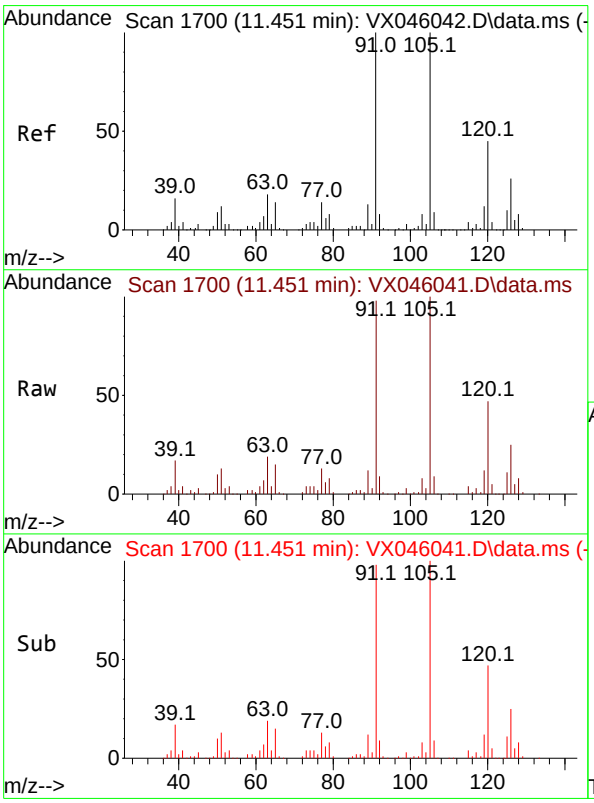
Ion	Ratio	Lower	Upper
75	100		
53	138.3	100.5	150.7
89	44.6	37.0	55.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

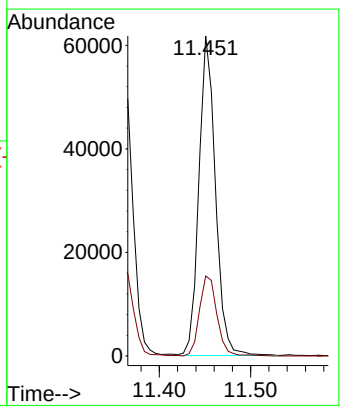
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

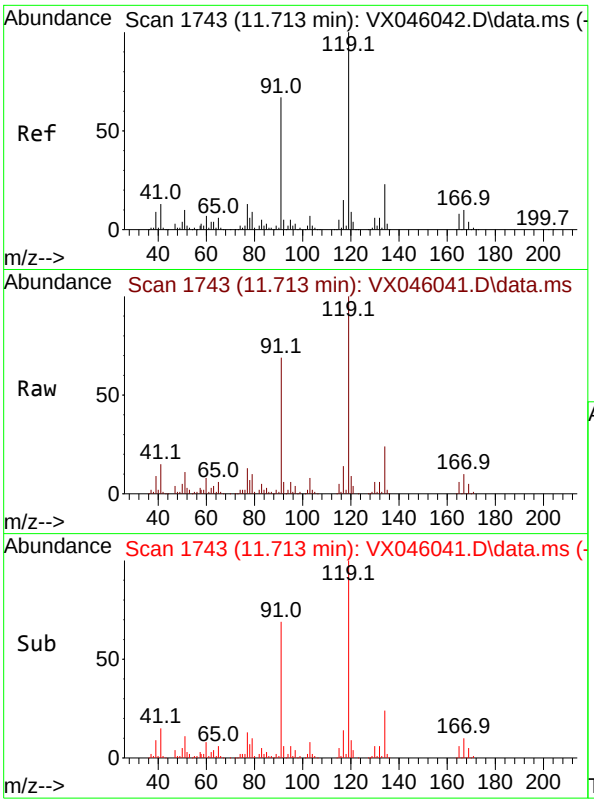


#82
4-Chlorotoluene
Concen: 14.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 77338

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8

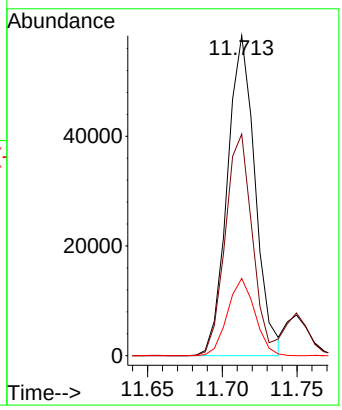




#83
tert-Butylbenzene
Concen: 14.011 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:119 Resp: 7538

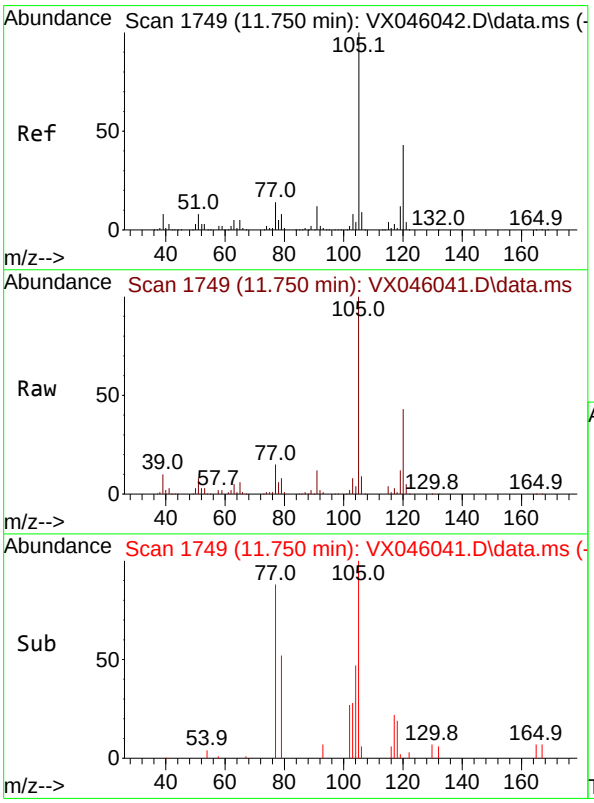
Ion	Ratio	Lower	Upper
119	100		
91	66.8	32.9	98.7
134	23.7	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

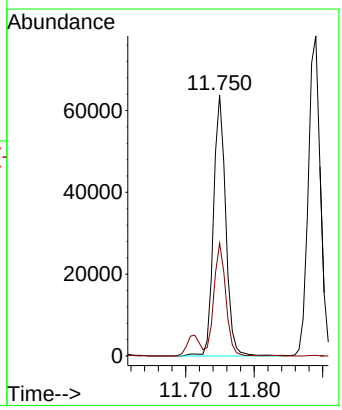
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

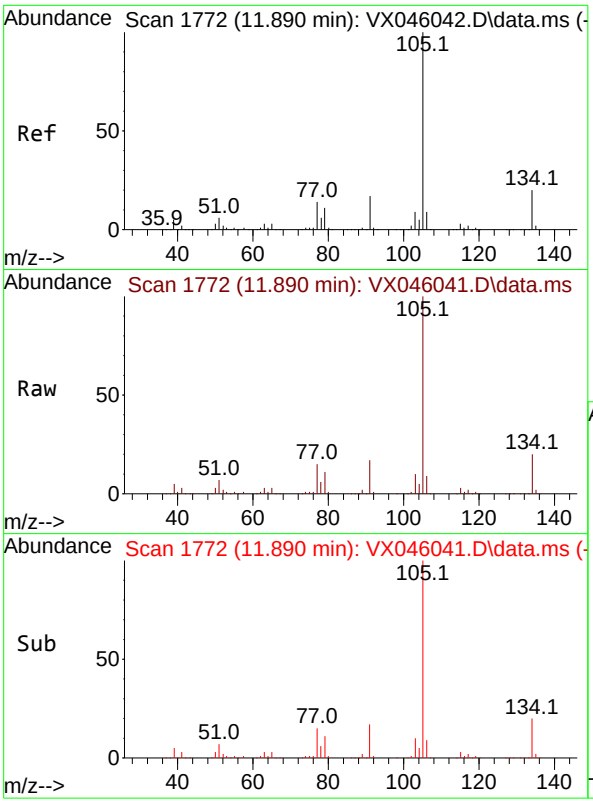


#84
1,2,4-Trimethylbenzene
Concen: 14.480 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 79232

Ion	Ratio	Lower	Upper
105	100		
120	42.0	21.2	63.6

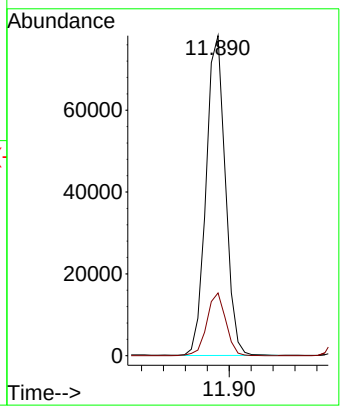




#85
sec-Butylbenzene
Concen: 14.263 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 9527

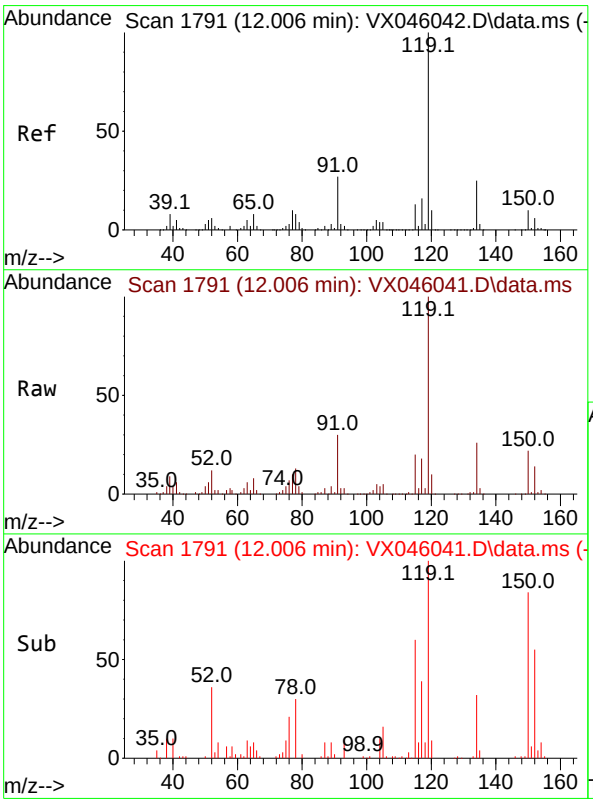
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

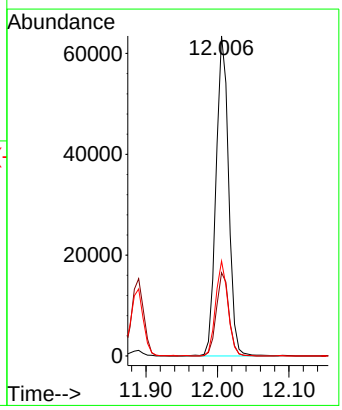
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

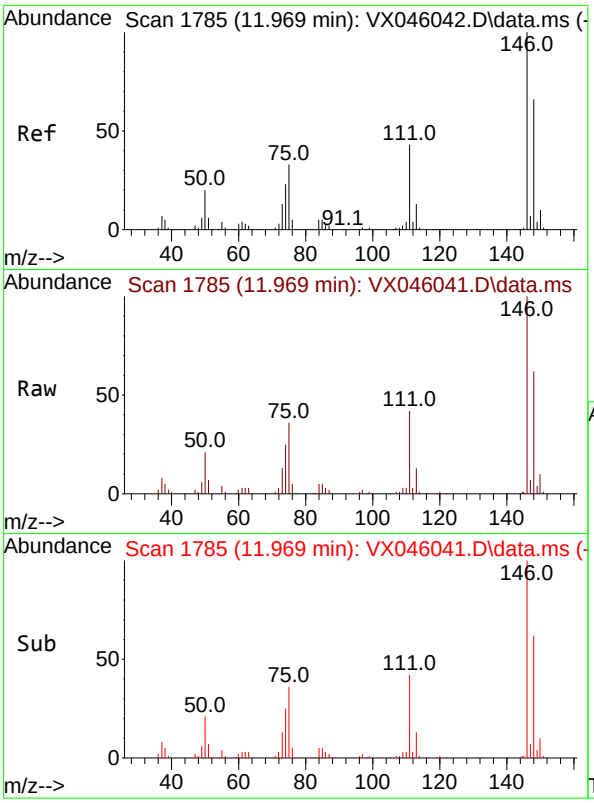


#86
p-Isopropyltoluene
Concen: 14.387 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:119 Resp: 77599

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.5	37.5
91	28.8	13.8	41.4

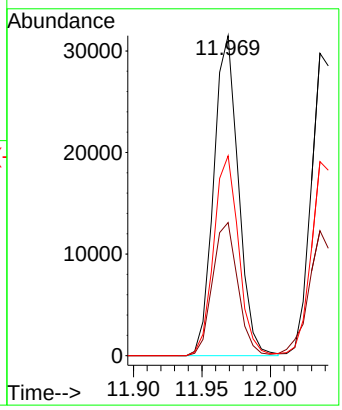




#87
1,3-Dichlorobenzene
Concen: 13.898 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:146 Resp: 3952

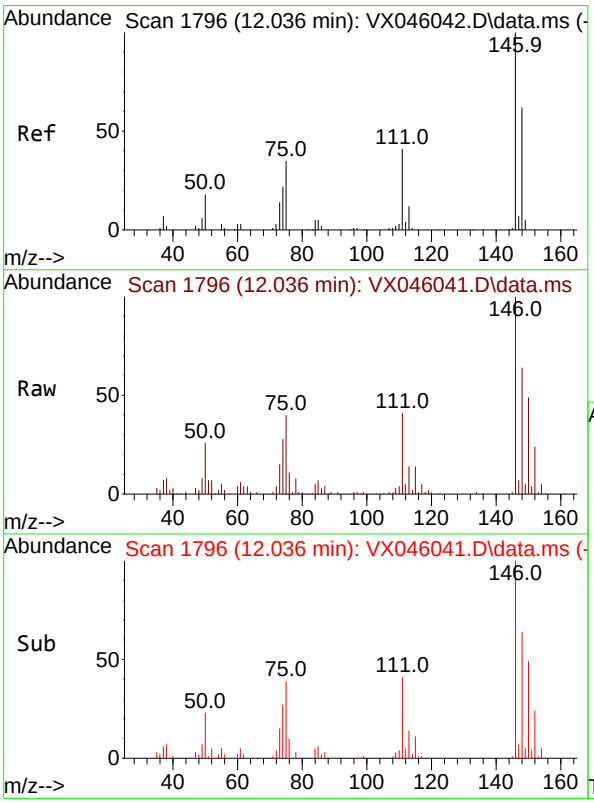
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.1	66.3
148	62.9	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

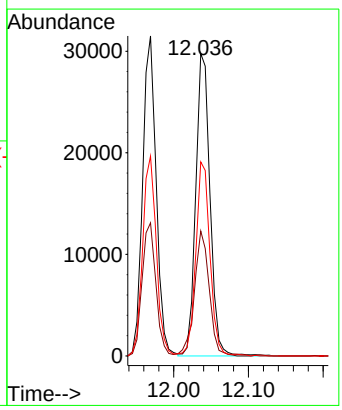
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

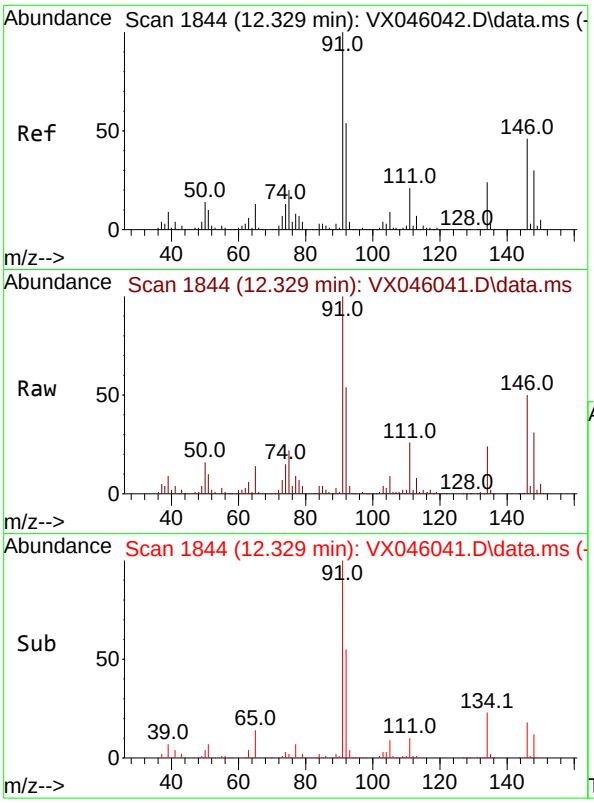


#88
1,4-Dichlorobenzene
Concen: 14.146 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:146 Resp: 39419

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	64.2	31.9	95.5

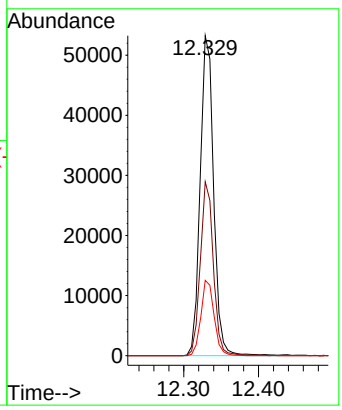




#89
n-Butylbenzene
Concen: 14.184 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 6650

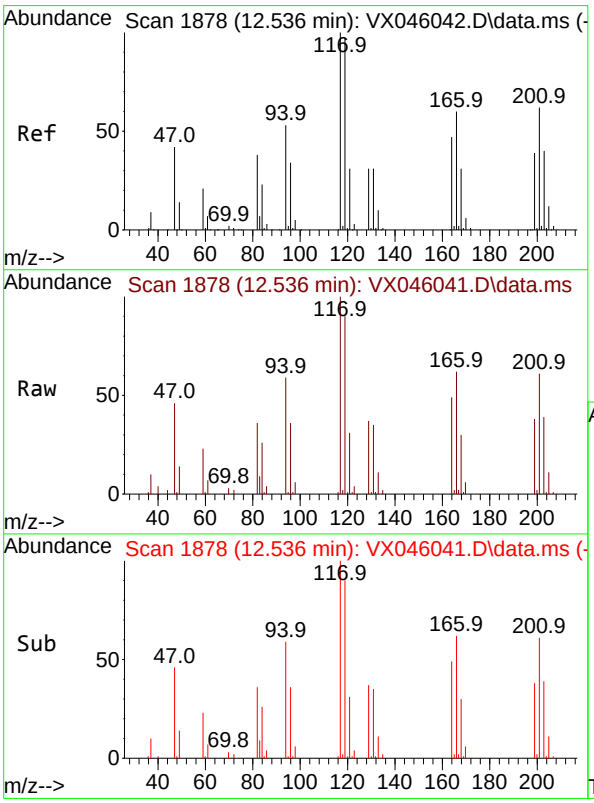
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.7
134	23.1	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

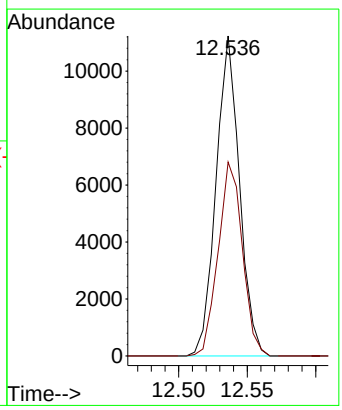
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

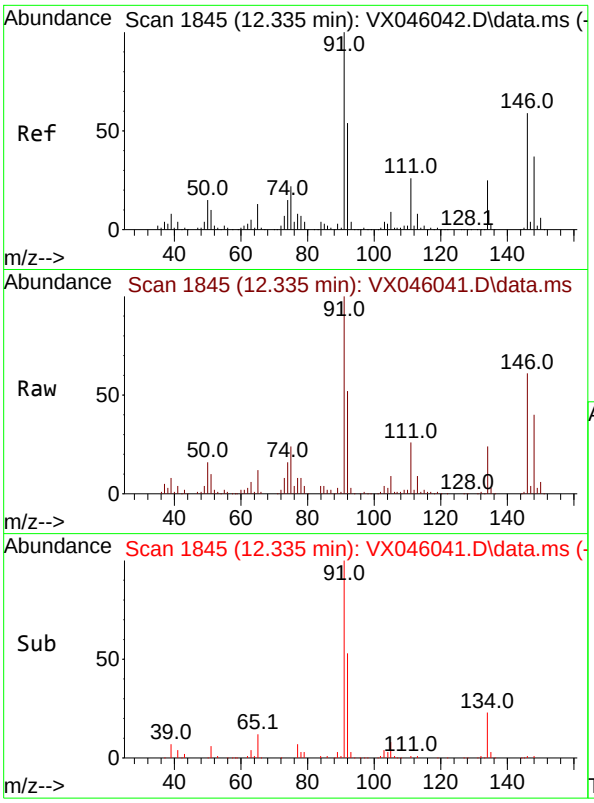


#90
Hexachloroethane
Concen: 13.287 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:117 Resp: 13332

Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.6	94.7

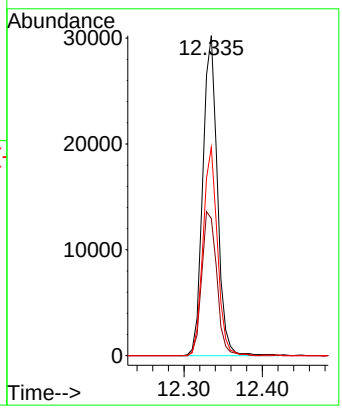




#91
1,2-Dichlorobenzene
Concen: 14.092 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:146 Resp: 3903

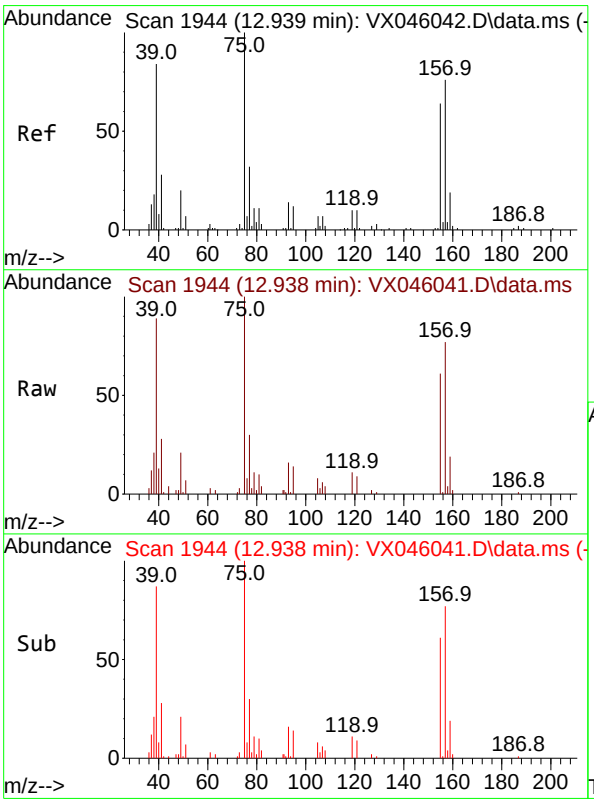
Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.4	67.3
148	64.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

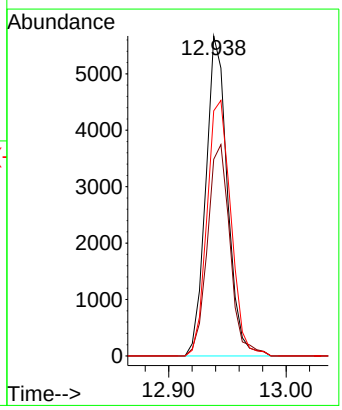
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

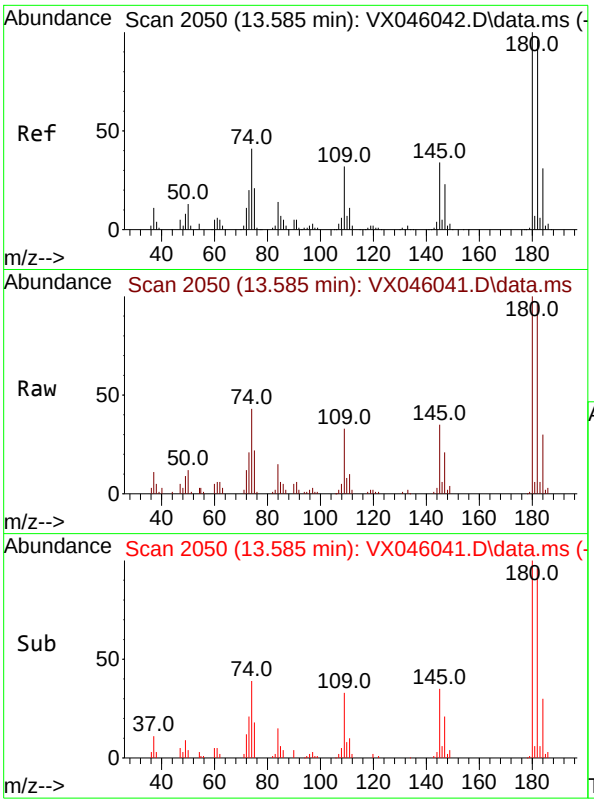


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.535 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 7232

Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.9	104.8
157	88.4	43.8	131.4

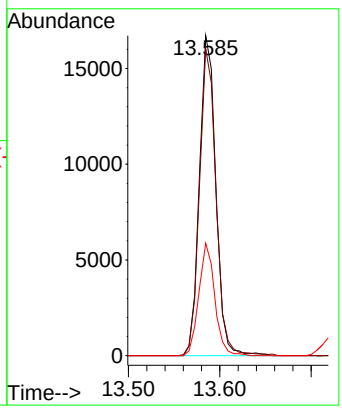




#93
1,2,4-Trichlorobenzene
Concen: 13.745 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:180 Resp: 2084

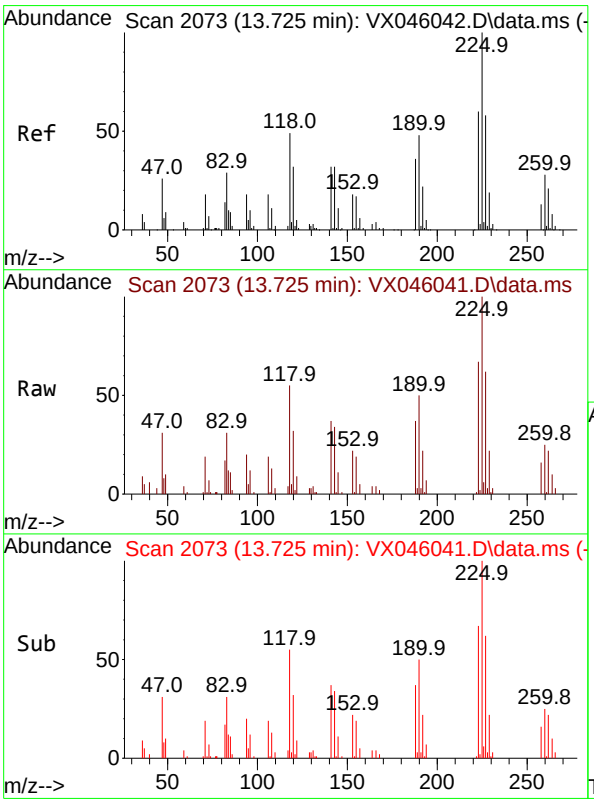
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.8
145	34.1	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

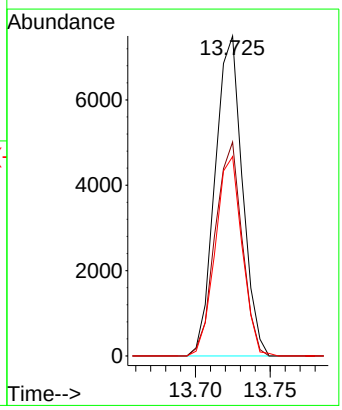
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

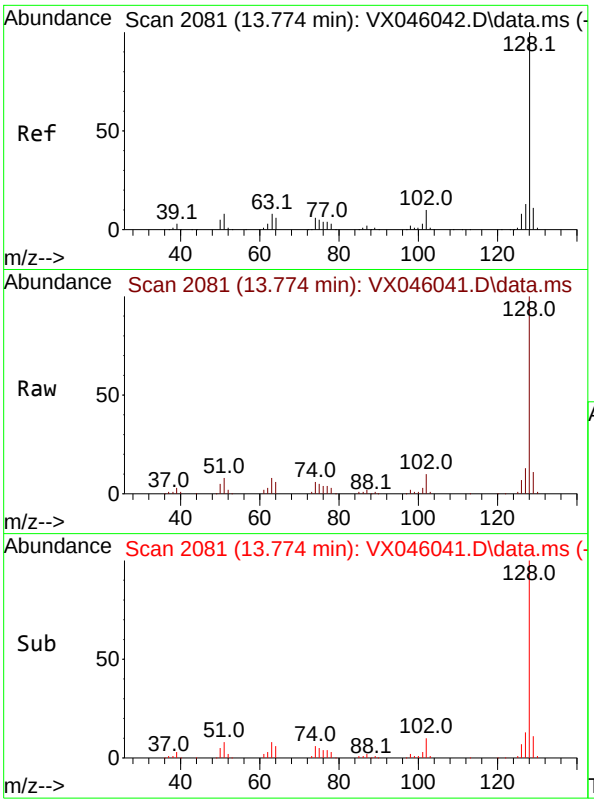


#94
Hexachlorobutadiene
Concen: 13.426 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:225 Resp: 9524

Ion	Ratio	Lower	Upper
225	100		
223	65.6	30.8	92.4
227	61.4	30.9	92.7

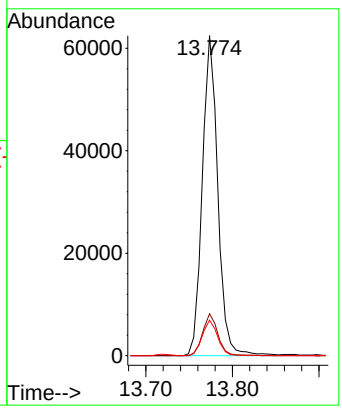




#95
Naphthalene
Concen: 14.040 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:128 Resp: 7754

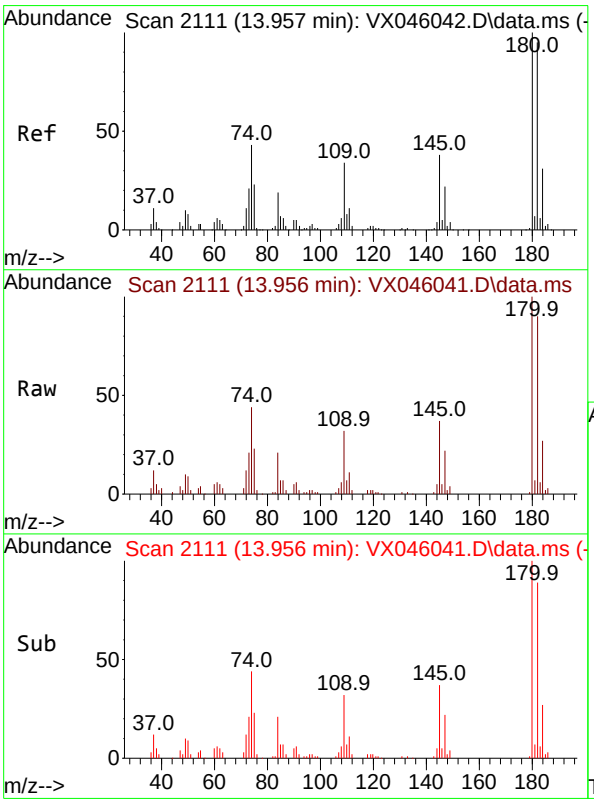
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

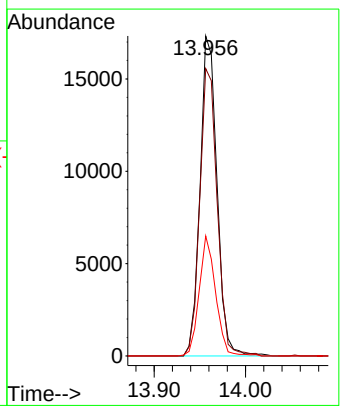
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.023 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:180 Resp: 22301

Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.8	143.3
145	36.5	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	97076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88371	30.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	61.200%#		
35) Dibromofluoromethane	5.379	113	59550	31.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	8.647	98	205479	32.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	64.780%#		
62) 4-Bromofluorobenzene	11.079	95	79012	34.229	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	68.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	83826	39.120	ug/l	100
3) Chloromethane	1.307	50	75238	35.658	ug/l	100
4) Vinyl Chloride	1.374	62	68901	37.273	ug/l	100
5) Bromomethane	1.593	94	31648	33.765	ug/l	100
6) Chloroethane	1.666	64	36722	38.558	ug/l	100
7) Trichlorofluoromethane	1.874	101	103693	36.824	ug/l	100
8) Diethyl Ether	2.136	74	32724	35.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62251	36.997	ug/l	100
10) Methyl Iodide	2.447	142	78277	39.622	ug/l	100
11) Tert butyl alcohol	2.977	59	62557	181.745	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58334	35.610	ug/l	100
13) Acrolein	2.233	56	73927	184.907	ug/l	100
14) Allyl chloride	2.654	41	114445	36.971	ug/l	100
15) Acrylonitrile	3.062	53	188304	182.874	ug/l	100
16) Acetone	2.386	43	175777	177.910	ug/l	100
17) Carbon Disulfide	2.502	76	141281	37.223	ug/l	100
18) Methyl Acetate	2.703	43	82347	34.915	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209665	36.695	ug/l	100
20) Methylene Chloride	2.782	84	66412	33.182	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59234	35.421	ug/l	100
22) Diisopropyl ether	3.757	45	221172	38.241	ug/l	100
23) Vinyl Acetate	3.721	43	994236	194.528	ug/l	100
24) 1,1-Dichloroethane	3.605	63	122601	36.067	ug/l	100
25) 2-Butanone	4.556	43	269224	188.783	ug/l	100
26) 2,2-Dichloropropane	4.465	77	92857	36.059	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71518	35.466	ug/l	100
28) Bromochloromethane	4.898	49	56091	31.031	ug/l	100
29) Tetrahydrofuran	5.001	42	170124	183.679	ug/l	100
30) Chloroform	5.087	83	125850	35.626	ug/l	100
31) Cyclohexane	5.464	56	109459	38.205	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	109781	36.034	ug/l	100
36) 1,1-Dichloropropene	5.684	75	83215	38.073	ug/l	100
37) Ethyl Acetate	4.715	43	102537	37.394	ug/l	100
38) Carbon Tetrachloride	5.672	117	93712	37.320	ug/l	100
39) Methylcyclohexane	7.373	83	107651	39.307	ug/l	100
40) Benzene	6.031	78	247476	36.530	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58082	38.123	ug/l		100
42) 1,2-Dichloroethane	6.080	62	105332	37.605	ug/l		100
43) Isopropyl Acetate	6.336	43	161787	38.598	ug/l		100
44) Trichloroethene	7.123	130	59623	37.230	ug/l		100
45) 1,2-Dichloropropane	7.428	63	62387	37.064	ug/l		100
46) Dibromomethane	7.574	93	48201	36.326	ug/l		100
47) Bromodichloromethane	7.818	83	96916	37.685	ug/l		100
48) Methyl methacrylate	7.690	41	84277	39.157	ug/l		100
49) 1,4-Dioxane	7.659	88	30529	713.477	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	532388	193.653	ug/l		100
52) Toluene	8.714	92	150757	37.530	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	88655	41.056	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	97031	38.521	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	59499	36.648	ug/l		100
56) Ethyl methacrylate	9.116	69	99947	39.726	ug/l		100
57) 1,3-Dichloropropane	9.305	76	104606	36.347	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	257678	227.902	ug/l		100
59) 2-Hexanone	9.427	43	396784	190.168	ug/l		100
60) Dibromochloromethane	9.519	129	67198	38.027	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62633	37.567	ug/l		100
64) Tetrachloroethene	9.269	164	54853	36.726	ug/l		100
65) Chlorobenzene	10.079	112	160600	35.686	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57066	38.017	ug/l		100
67) Ethyl Benzene	10.189	91	295712	38.543	ug/l		100
68) m/p-Xylenes	10.299	106	216578	78.142	ug/l		100
69) o-Xylene	10.640	106	106335	38.064	ug/l		100
70) Styrene	10.653	104	178313	39.888	ug/l		100
71) Bromoform	10.799	173	44486	39.457	ug/l	#	100
73) Isopropylbenzene	10.957	105	280719	37.865	ug/l		100
74) N-amyl acetate	10.842	43	140509	38.012	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90975	34.495	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	80678m	28.468	ug/l		
77) Bromobenzene	11.195	156	63053	36.763	ug/l		100
78) n-propylbenzene	11.299	91	329981	39.707	ug/l		100
79) 2-Chlorotoluene	11.360	91	203509	36.336	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	237066	38.516	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	26179	38.445	ug/l		100
82) 4-Chlorotoluene	11.451	91	233172	37.880	ug/l		100
83) tert-Butylbenzene	11.713	119	233468	38.622	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	239433	38.946	ug/l		100
85) sec-Butylbenzene	11.890	105	291074	38.786	ug/l		100
86) p-Isopropyltoluene	12.006	119	241658	39.879	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	115651	36.199	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115097	36.763	ug/l		100
89) n-Butylbenzene	12.329	91	213899	40.603	ug/l		100
90) Hexachloroethane	12.536	117	42314	37.534	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115286	37.047	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21909	36.496	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	66655	39.117	ug/l		100
94) Hexachlorobutadiene	13.725	225	29007	36.395	ug/l		100
95) Naphthalene	13.774	128	245568	39.575	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	69262	38.765	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 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

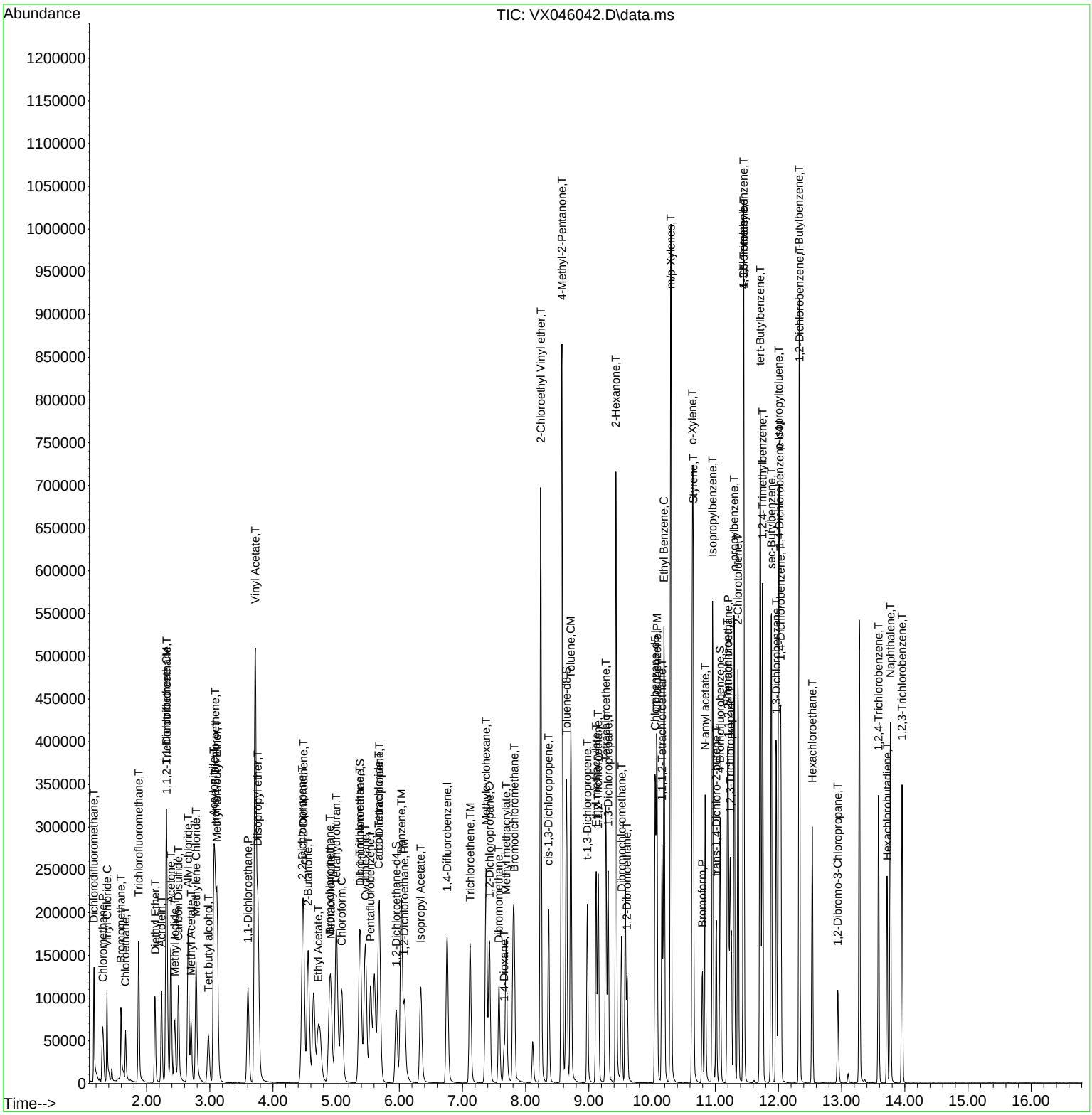
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Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

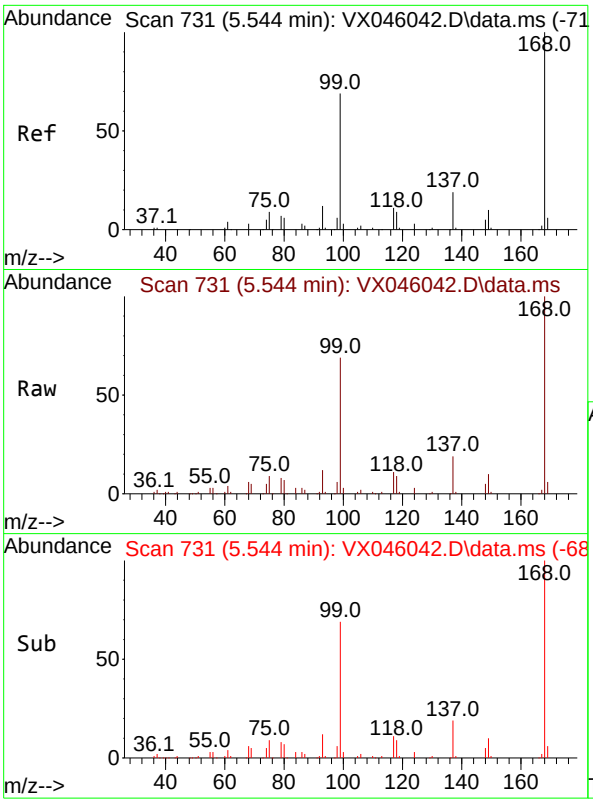
Quant Time: May 06 06:09:42 2025
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Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

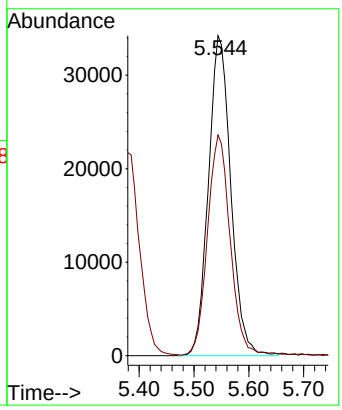




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:168 Resp: 9707

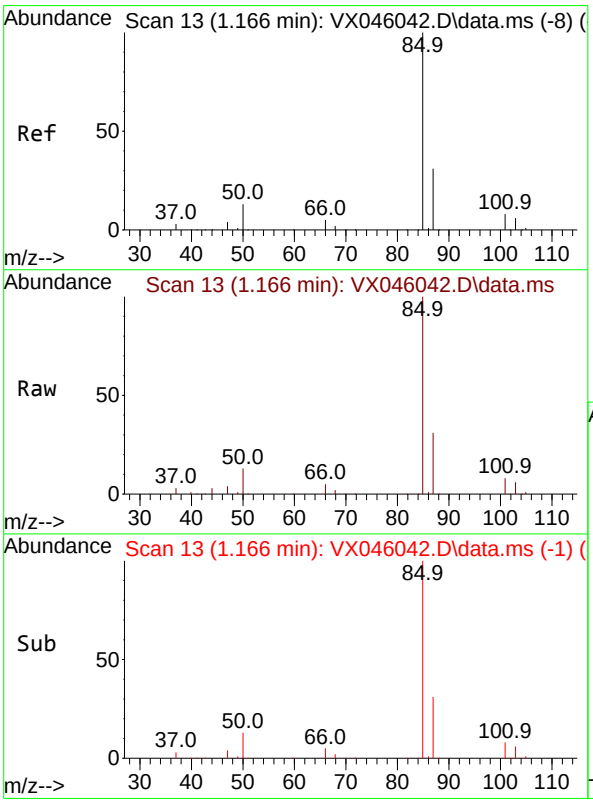
Ion	Ratio	Lower	Upper
168	100		
99	68.6	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

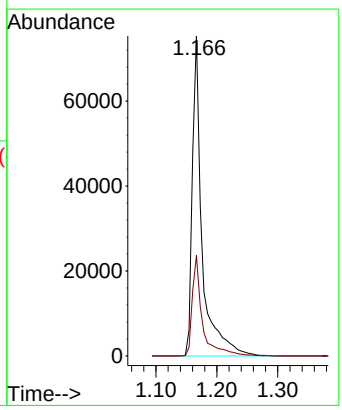
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

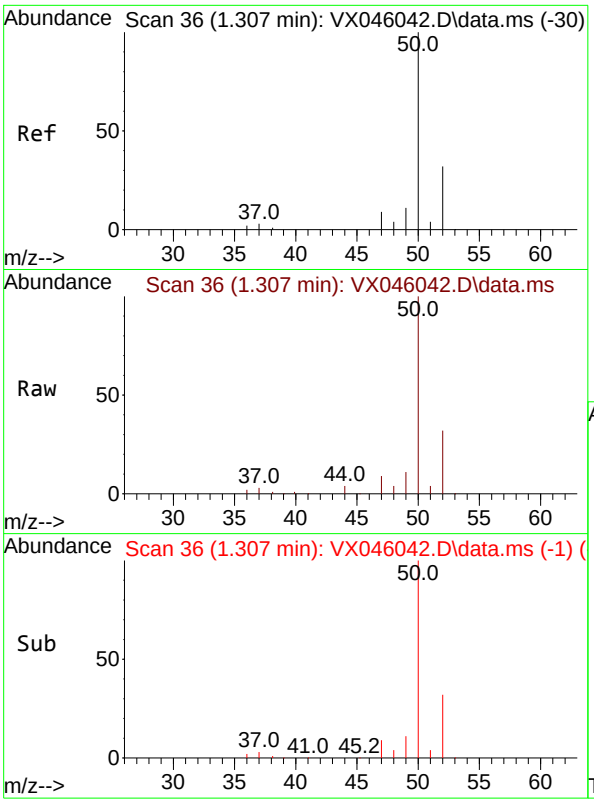


#2
Dichlorodifluoromethane
Concen: 39.120 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 85 Resp: 83826

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.7	47.1





#3
Chloromethane
Concen: 35.658 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

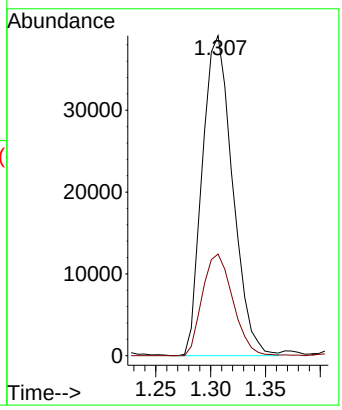
Tgt Ion: 50 Resp: 7523

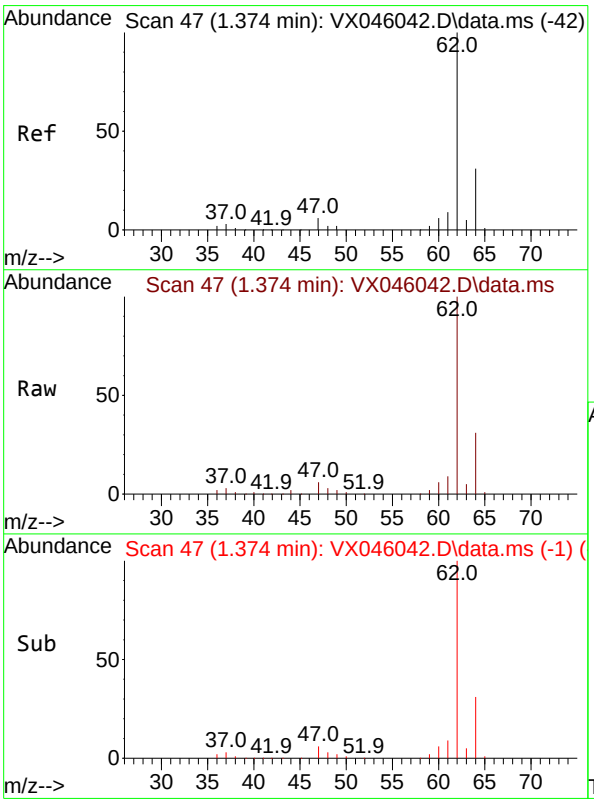
Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

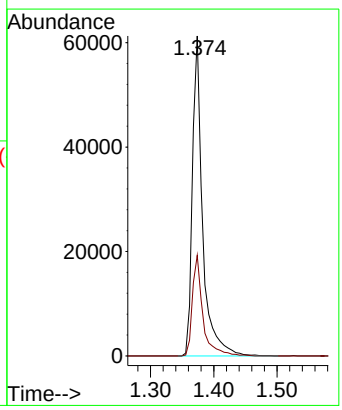


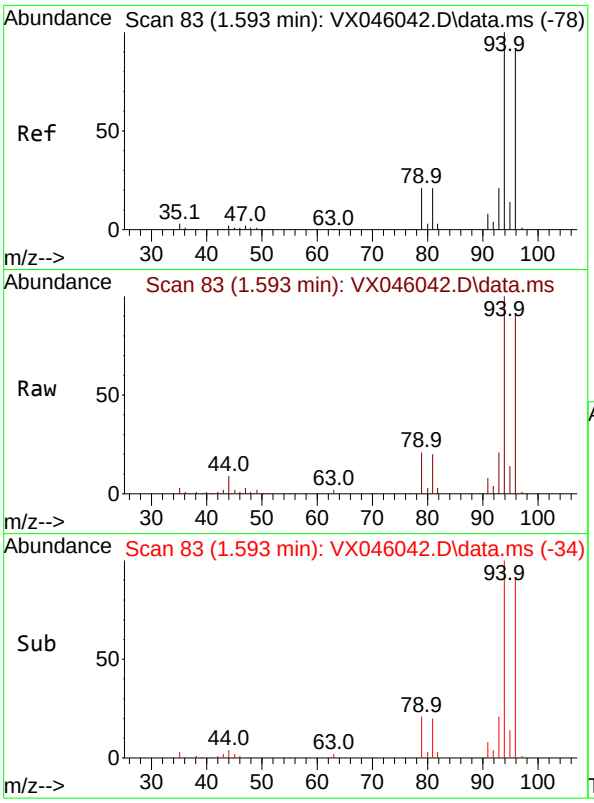


#4
Vinyl Chloride
Concen: 37.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 62 Resp: 68901

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.2	37.8

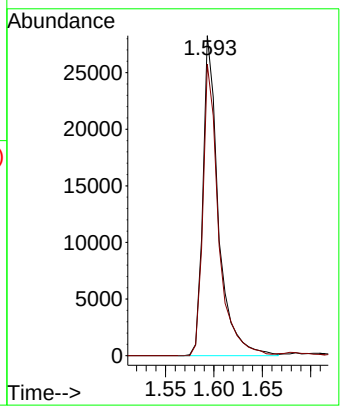




#5
Bromomethane
Concen: 33.765 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 94 Resp: 3164

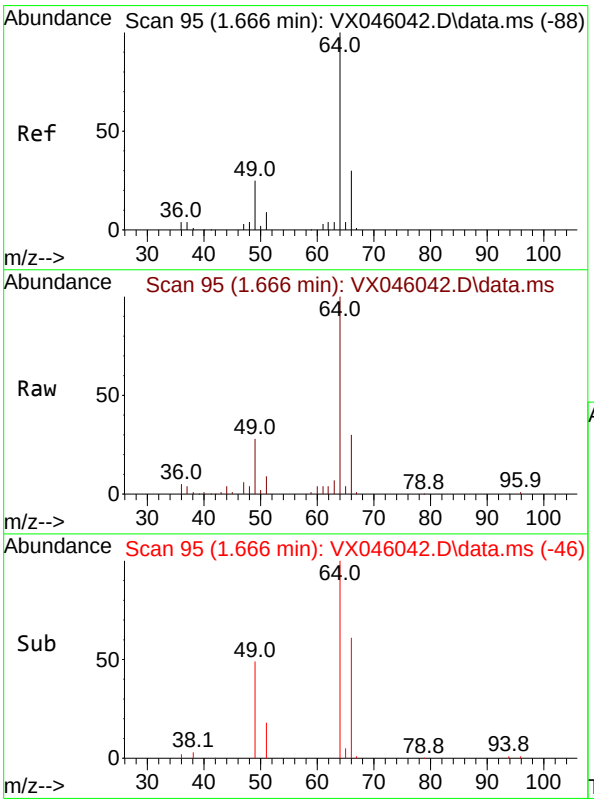
Ion	Ratio	Lower	Upper
94	100		
96	91.0	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

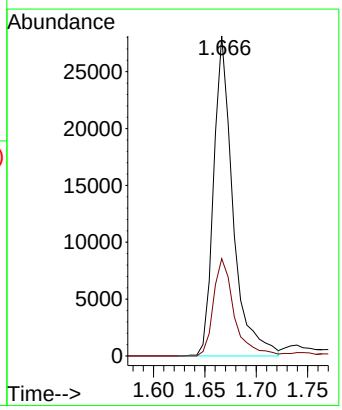
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

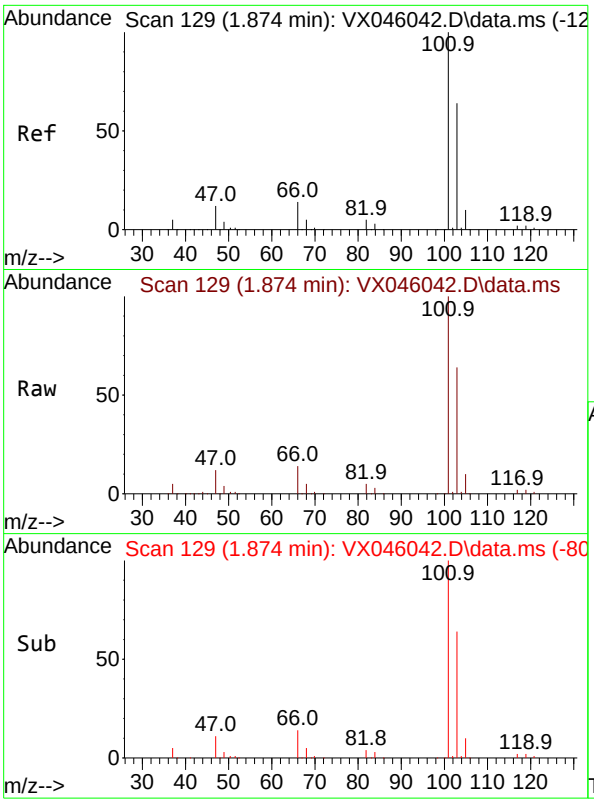


#6
Chloroethane
Concen: 38.558 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 64 Resp: 36722

Ion	Ratio	Lower	Upper
64	100		
66	30.4	24.3	36.5

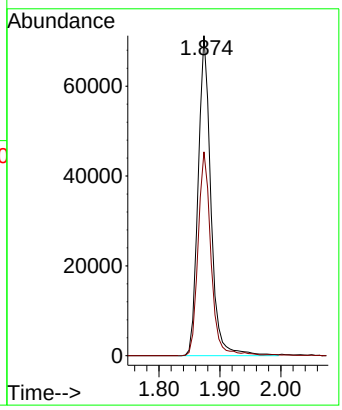




#7
Trichlorofluoromethane
Concen: 36.824 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:101 Resp: 10369

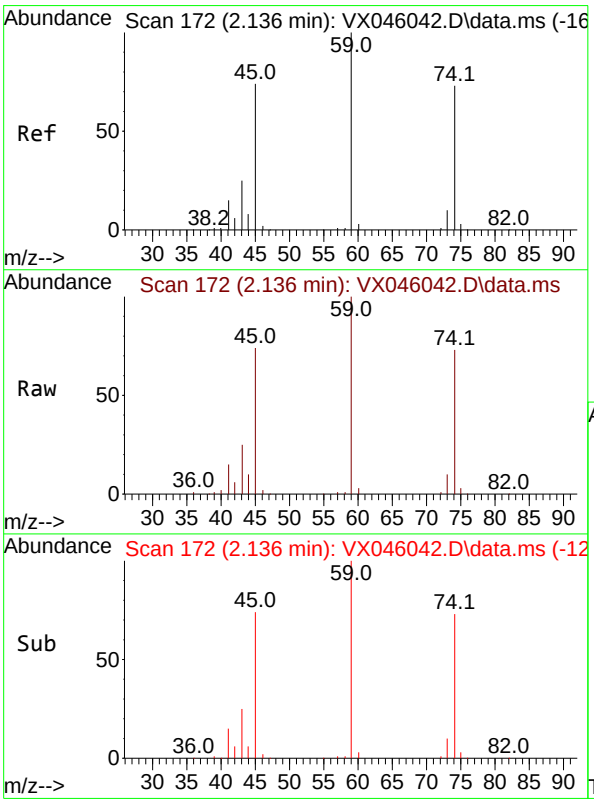
Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

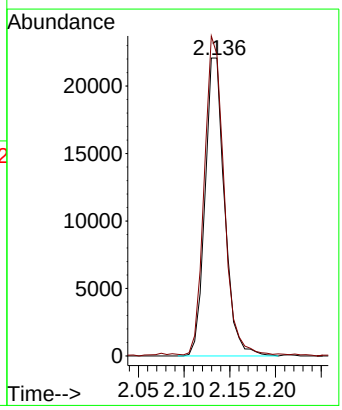
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

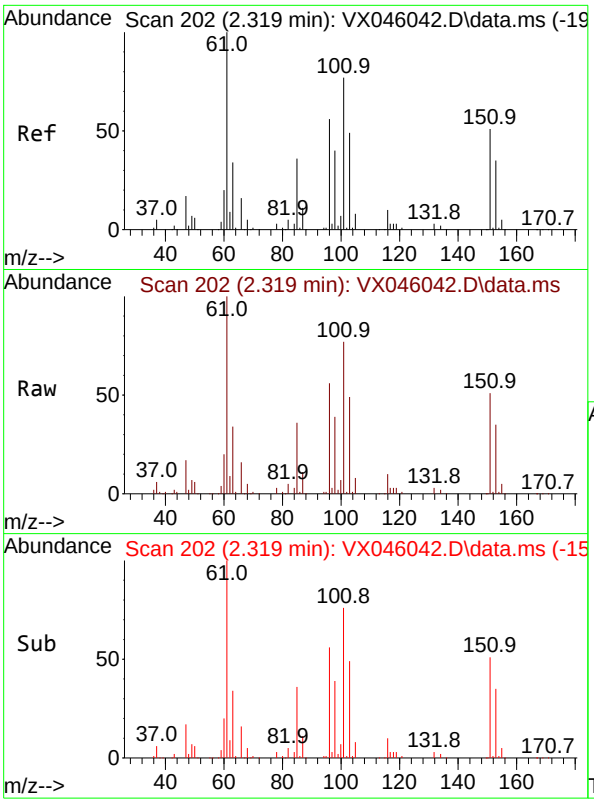


#8
Diethyl Ether
Concen: 35.350 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 74 Resp: 32724

Ion	Ratio	Lower	Upper
74	100		
45	109.9	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.997 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

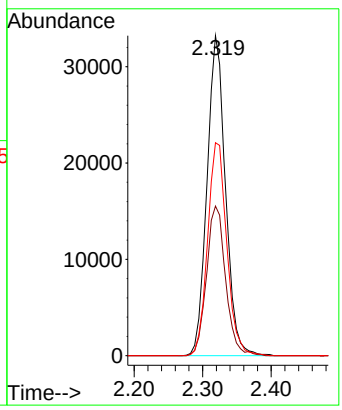
Tgt Ion:101 Resp: 6225

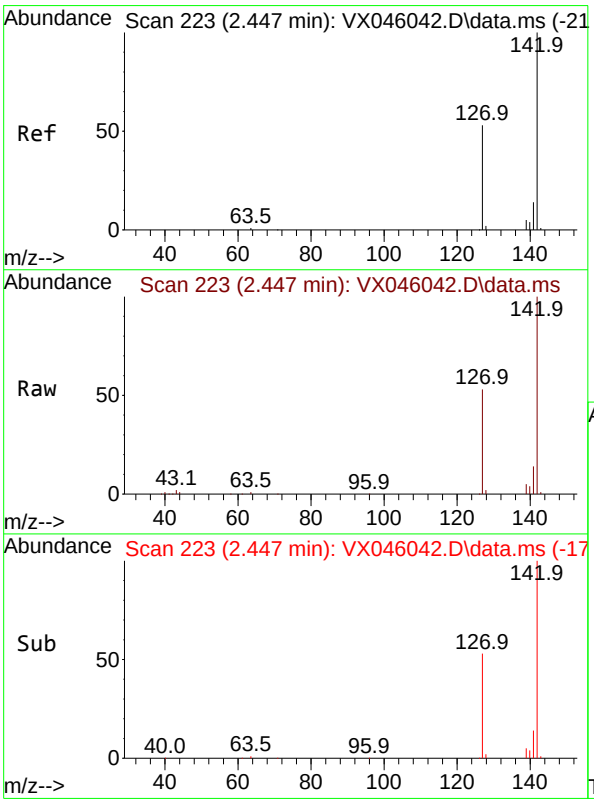
Ion	Ratio	Lower	Upper
101	100		
85	48.3	38.6	58.0
151	69.0	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

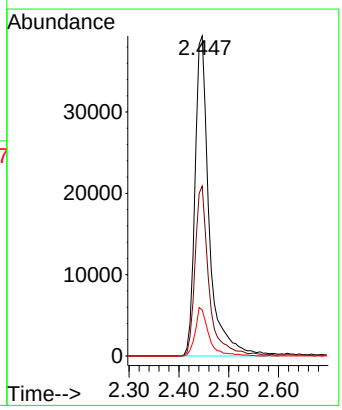


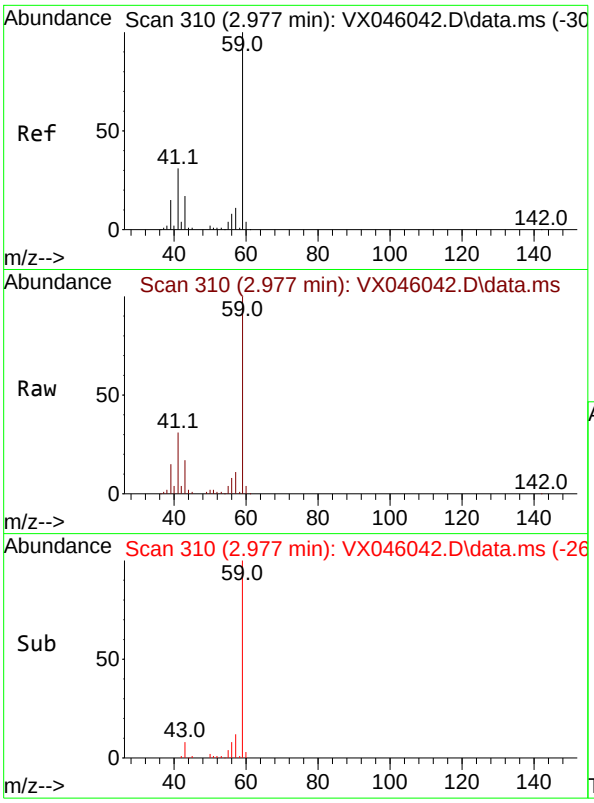


#10
Methyl Iodide
Concen: 39.622 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:142 Resp: 78277

Ion	Ratio	Lower	Upper
142	100		
127	52.1	41.7	62.5
141	14.4	11.5	17.3

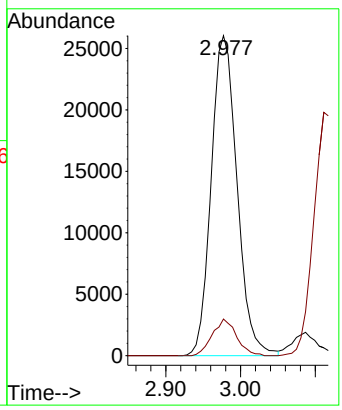




#11
Tert butyl alcohol
Concen: 181.745 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 59 Resp: 6255

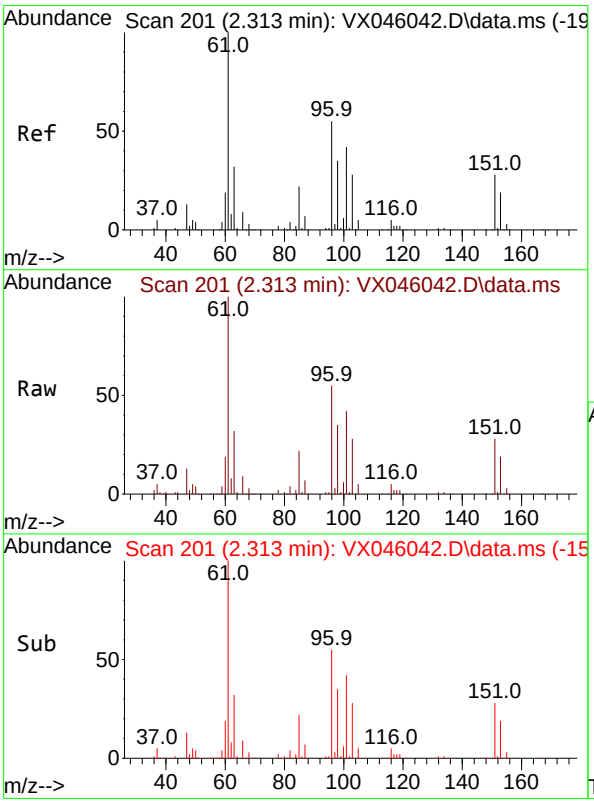
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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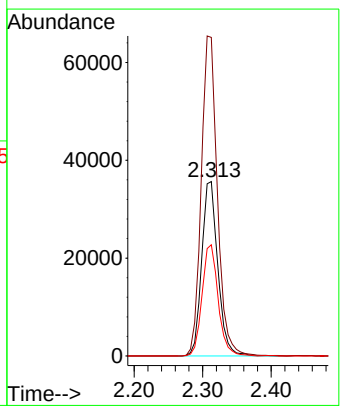
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

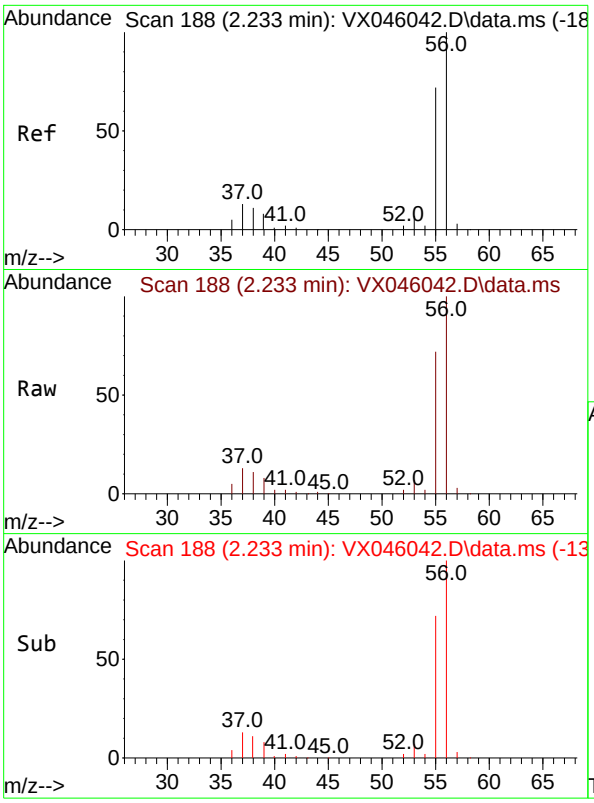


#12
1,1-Dichloroethene
Concen: 35.610 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 96 Resp: 58334

Ion	Ratio	Lower	Upper
96	100		
61	182.7	146.2	219.2
98	63.8	51.0	76.6

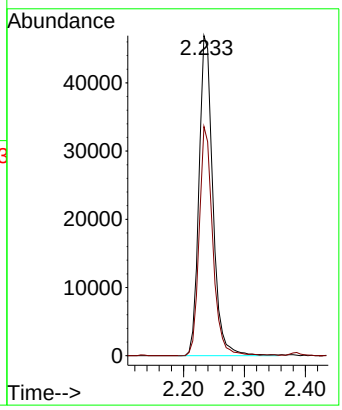




#13
Acrolein
Concen: 184.907 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 56 Resp: 7392

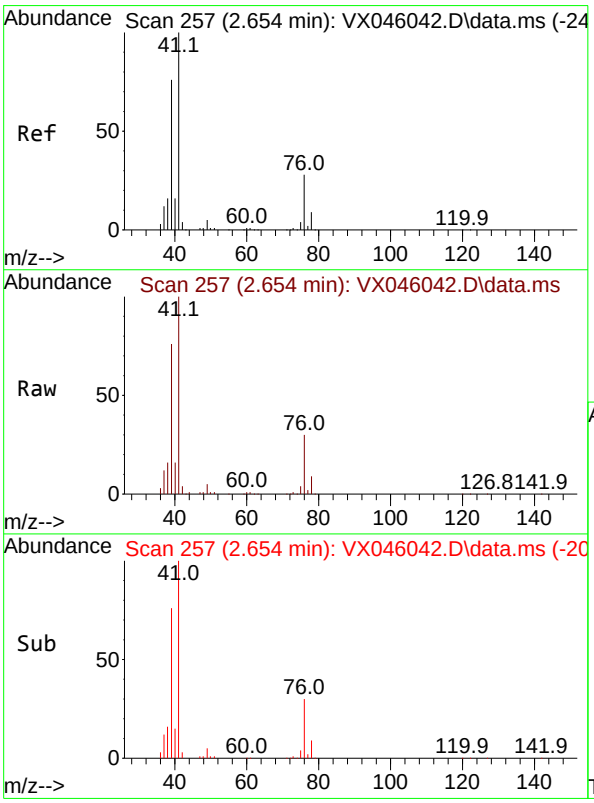
Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

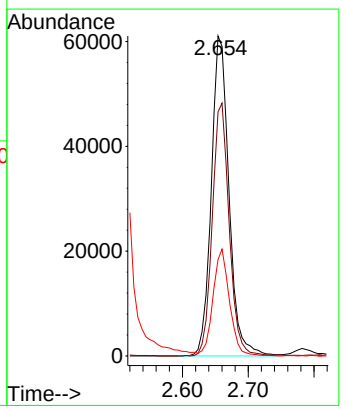
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

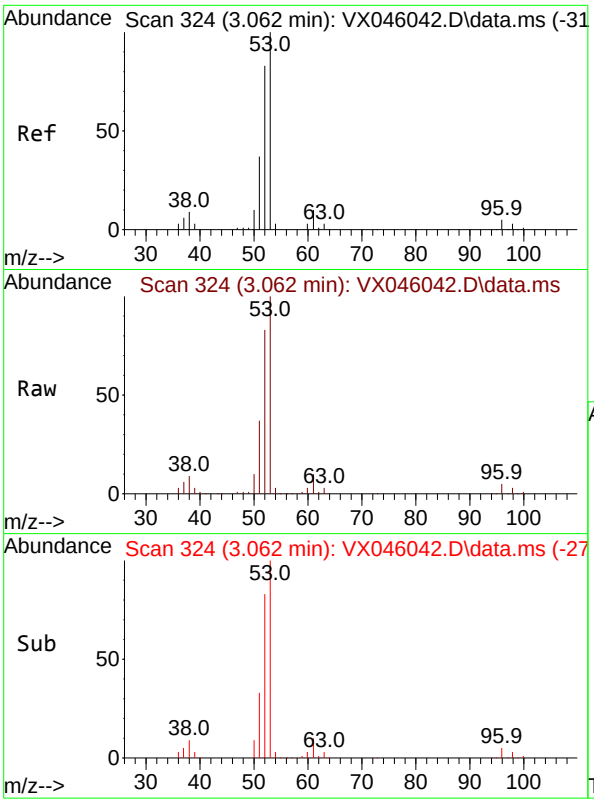


#14
Allyl chloride
Concen: 36.971 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 114445

Ion	Ratio	Lower	Upper
41	100		
39	75.7	60.6	90.8
76	31.1	24.9	37.3

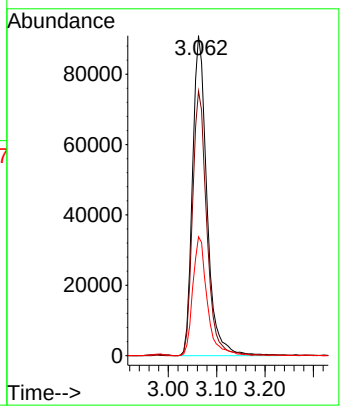




#15
Acrylonitrile
Concen: 182.874 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 53 Resp: 18830

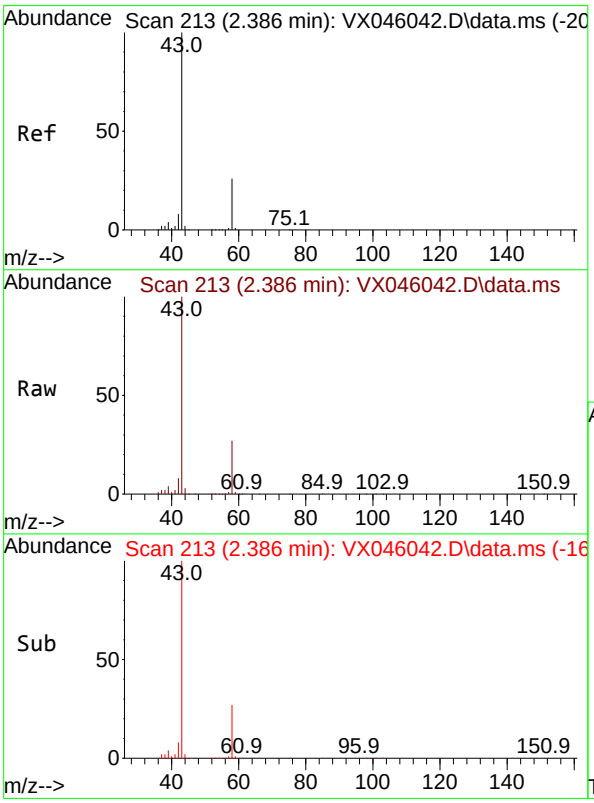
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	37.3	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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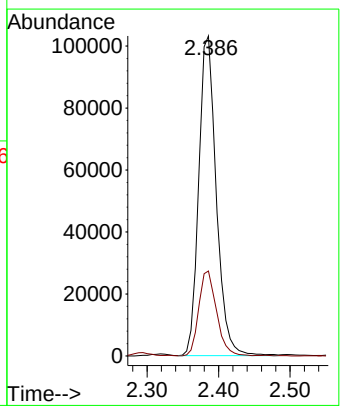
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

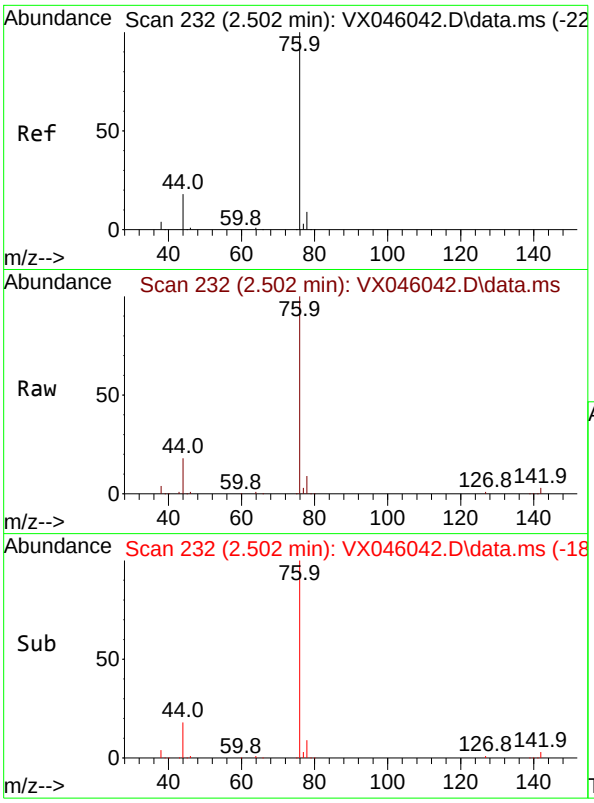


#16
Acetone
Concen: 177.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 175777

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.2	31.8





#17
Carbon Disulfide
Concen: 37.223 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

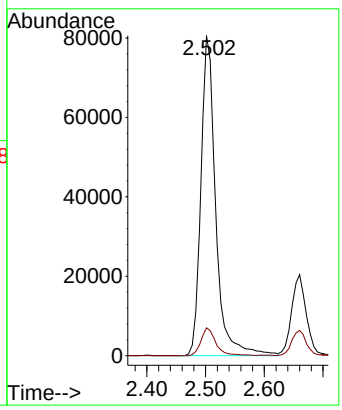
Tgt Ion: 76 Resp: 14128

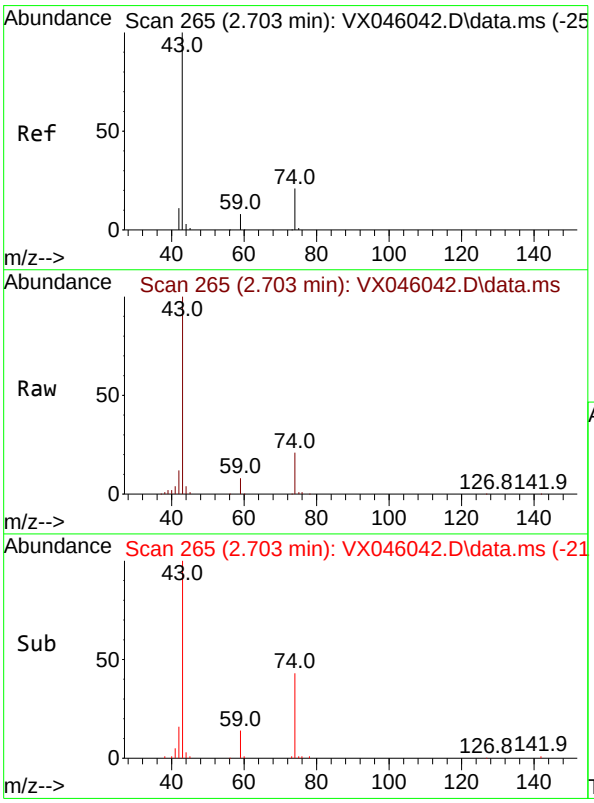
Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

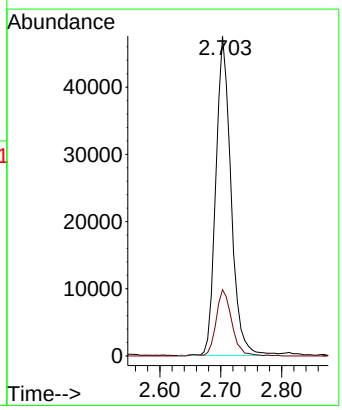


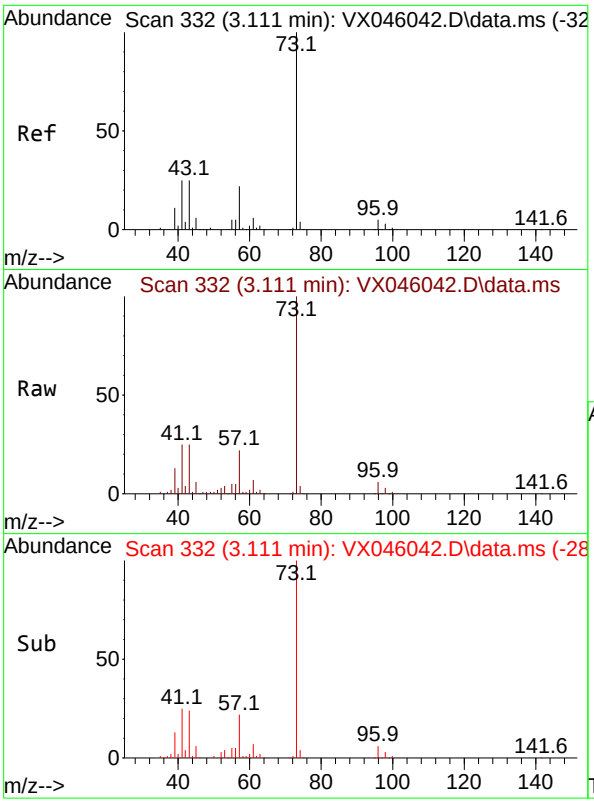


#18
Methyl Acetate
Concen: 34.915 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 82347

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1

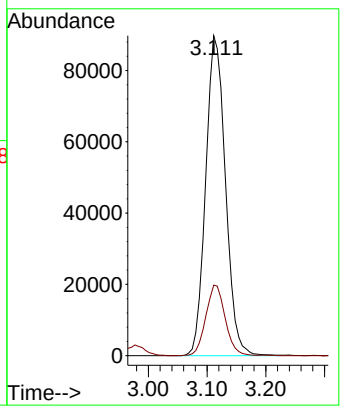




#19
Methyl tert-butyl Ether
Concen: 36.695 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 73 Resp: 20966

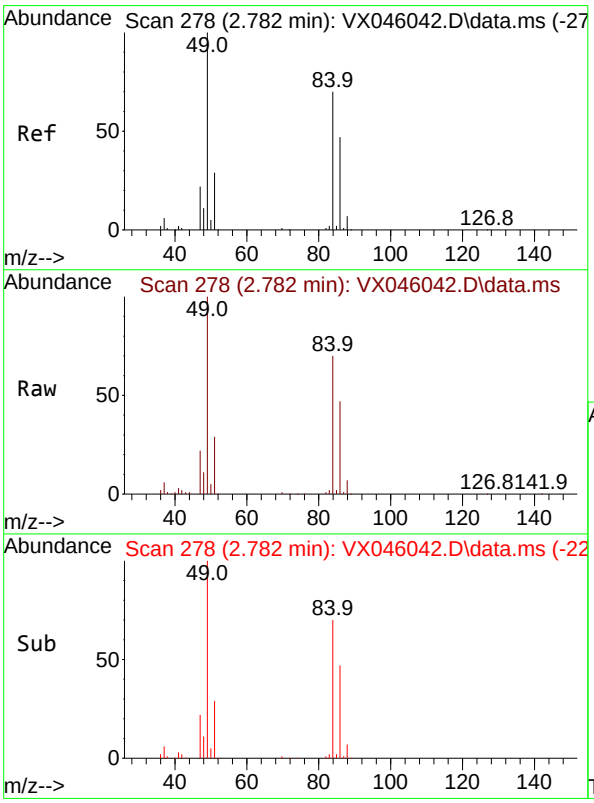
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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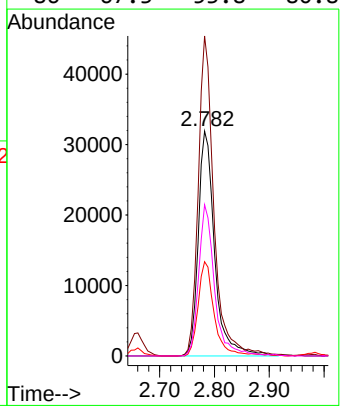
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

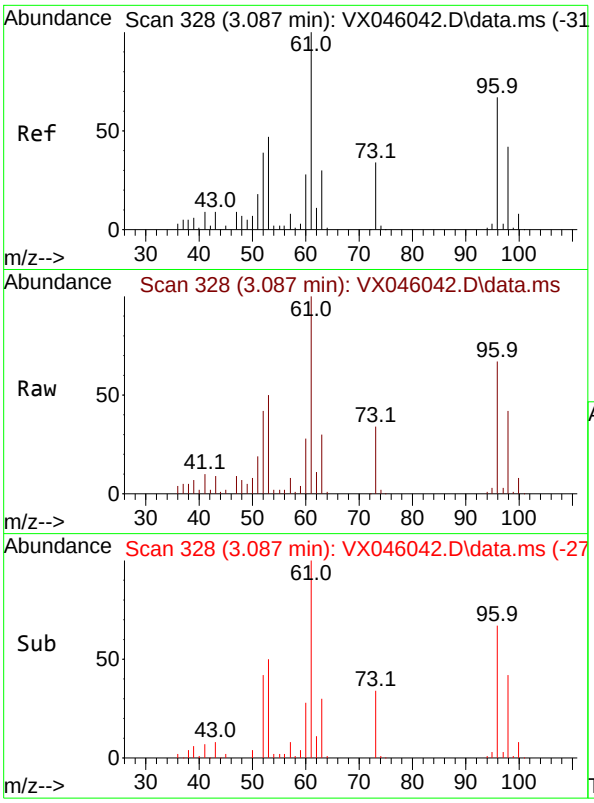


#20
Methylene Chloride
Concen: 33.182 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 84 Resp: 66412

Ion	Ratio	Lower	Upper
84	100		
49	142.4	113.9	170.9
51	41.9	33.5	50.3
86	67.3	53.8	80.8

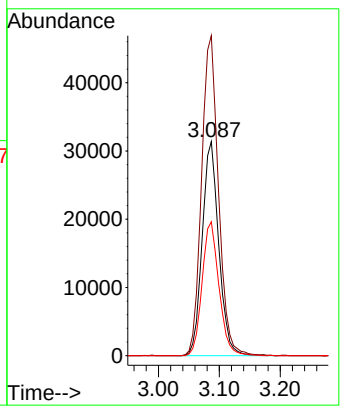




#21
trans-1,2-Dichloroethene
Concen: 35.421 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 96 Resp: 5923

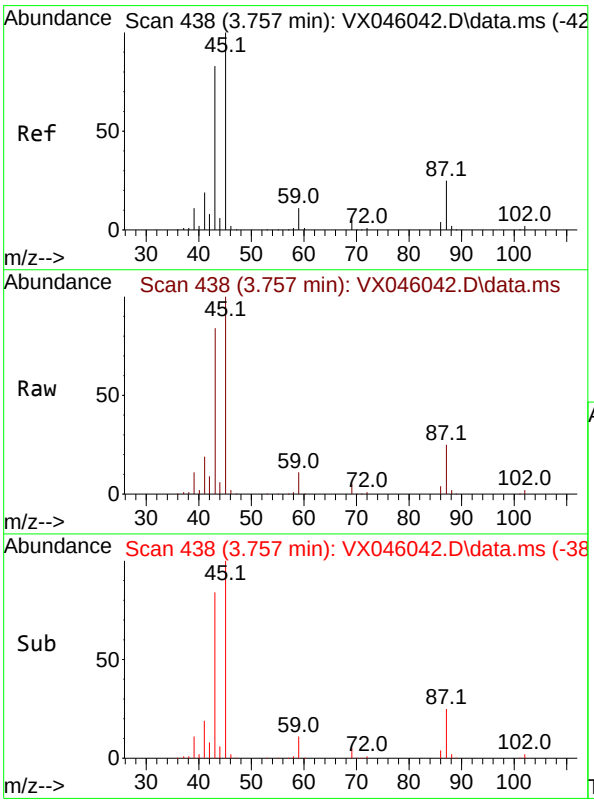
Ion	Ratio	Lower	Upper
96	100		
61	149.4	119.5	179.3
98	62.5	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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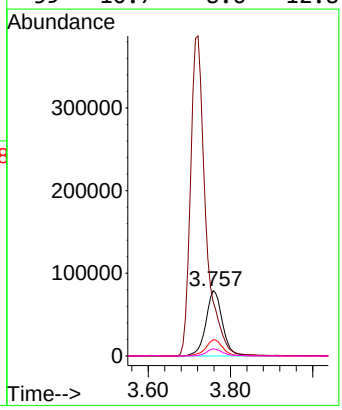
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

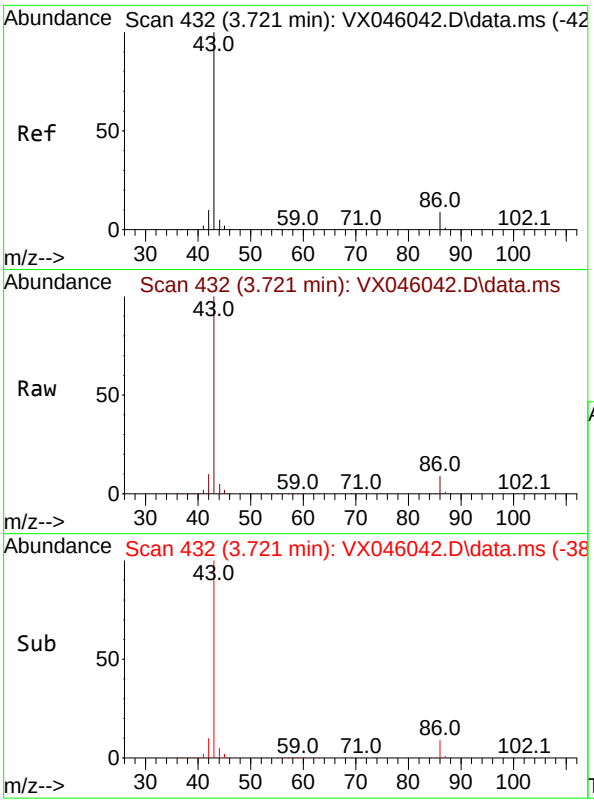


#22
Diisopropyl ether
Concen: 38.241 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 45 Resp: 221172

Ion	Ratio	Lower	Upper
45	100		
43	83.3	66.6	100.0
87	24.7	19.8	29.6
59	10.7	8.6	12.8

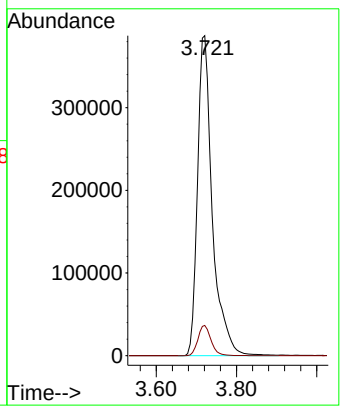




#23
Vinyl Acetate
Concen: 194.528 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 99423

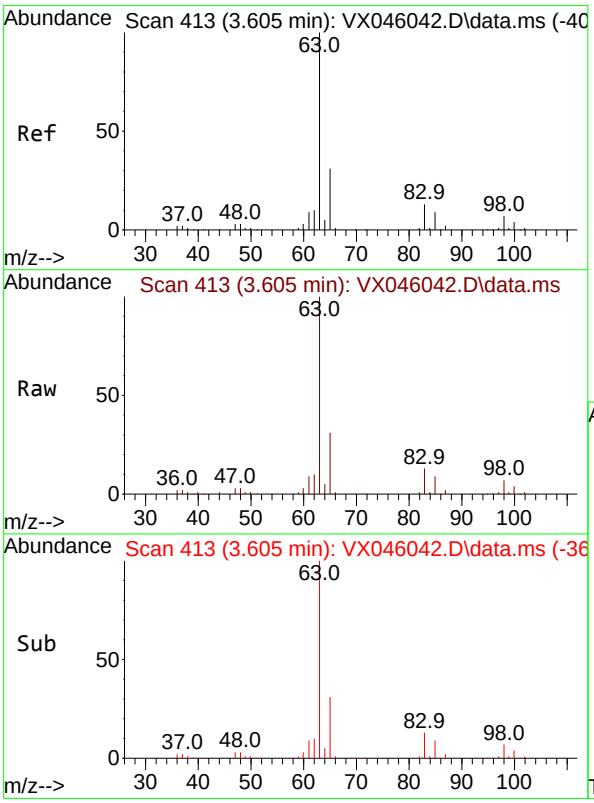
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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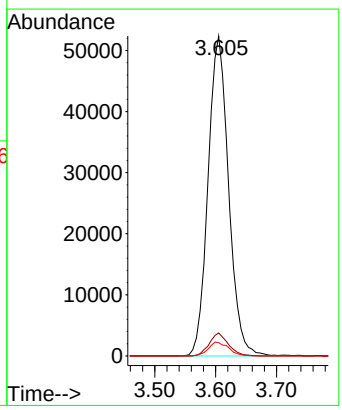
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

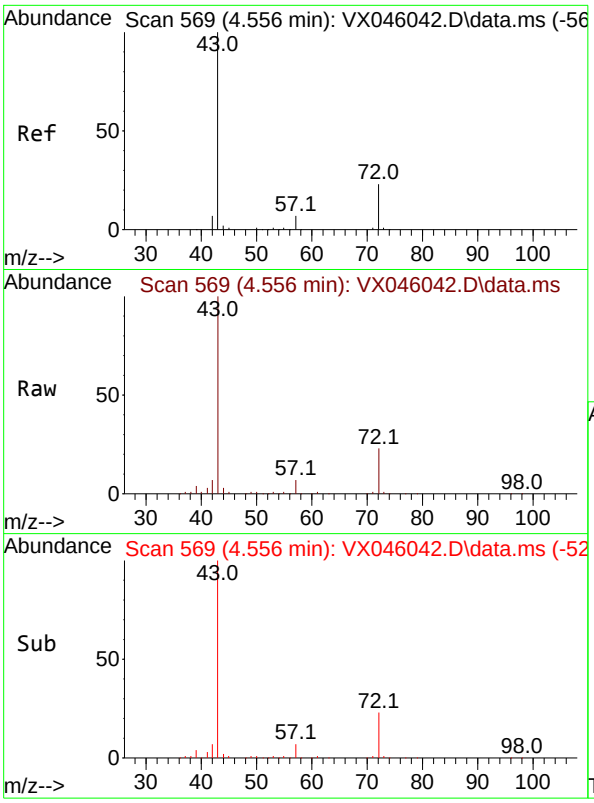


#24
1,1-Dichloroethane
Concen: 36.067 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 63 Resp: 122601

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.2	2.1	6.3

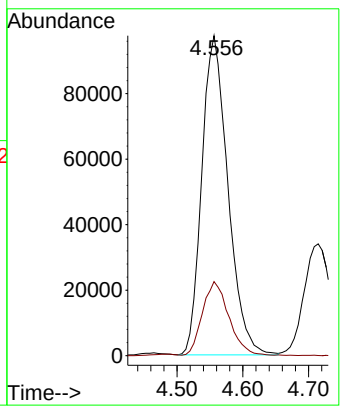




#25
2-Butanone
Concen: 188.783 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 26922

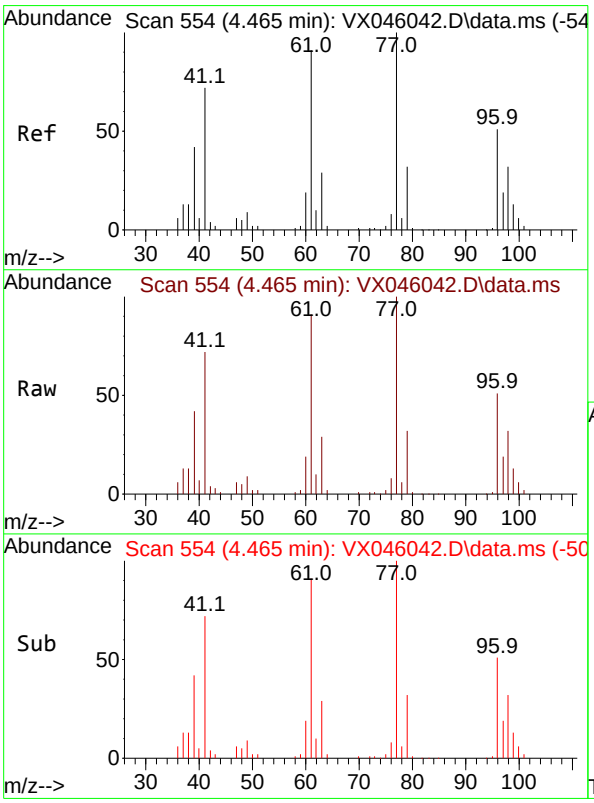
Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

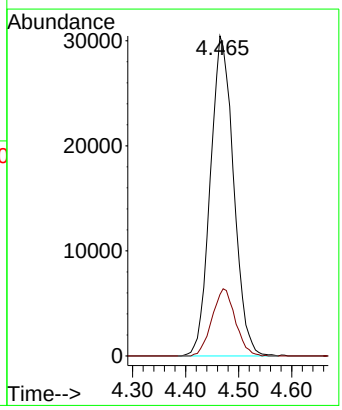
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

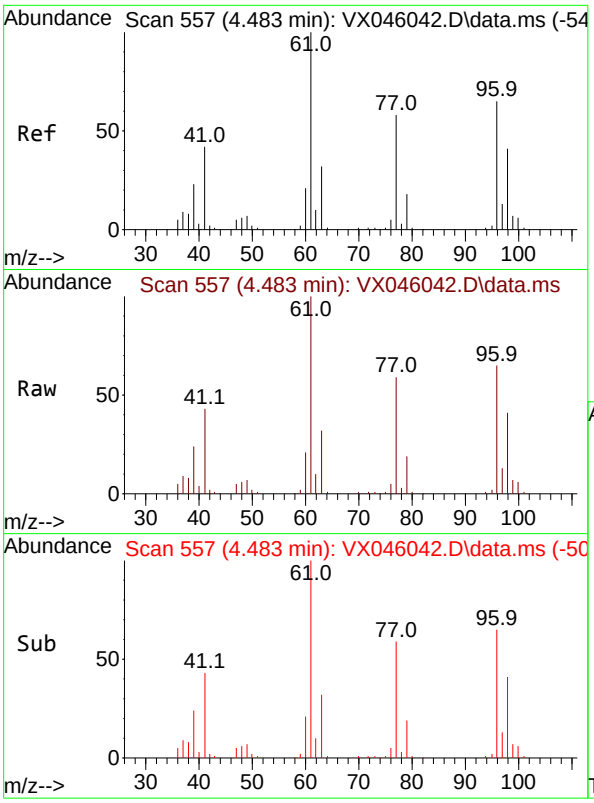


#26
2,2-Dichloropropane
Concen: 36.059 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 77 Resp: 92857

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.5	31.5

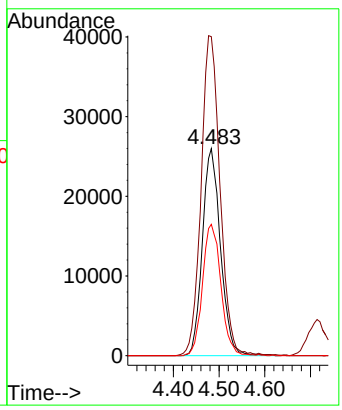




#27
cis-1,2-Dichloroethene
Concen: 35.466 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 96 Resp: 7151

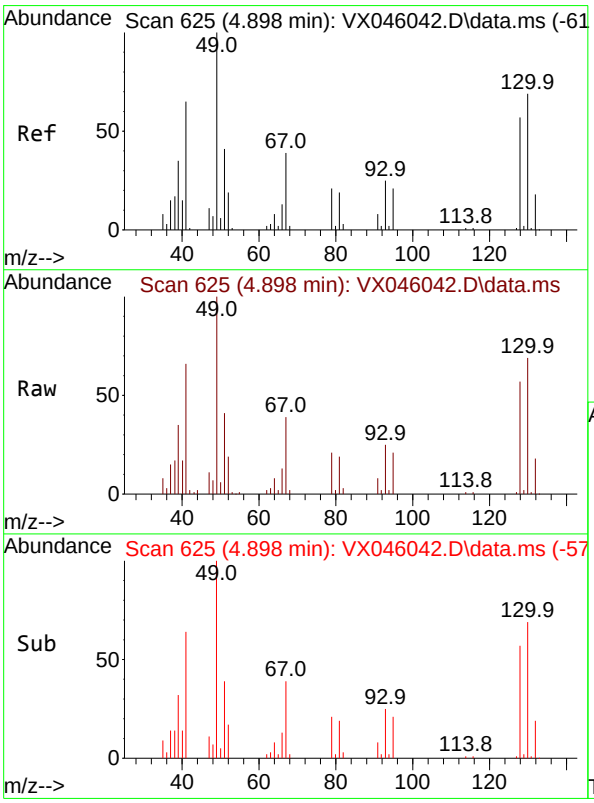
Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	322.8
98	64.5	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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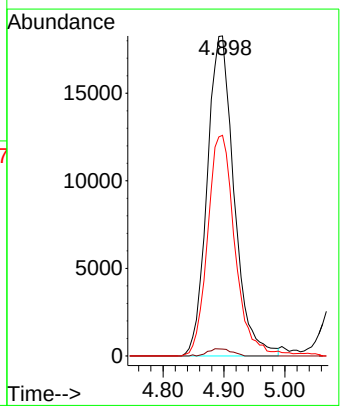
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

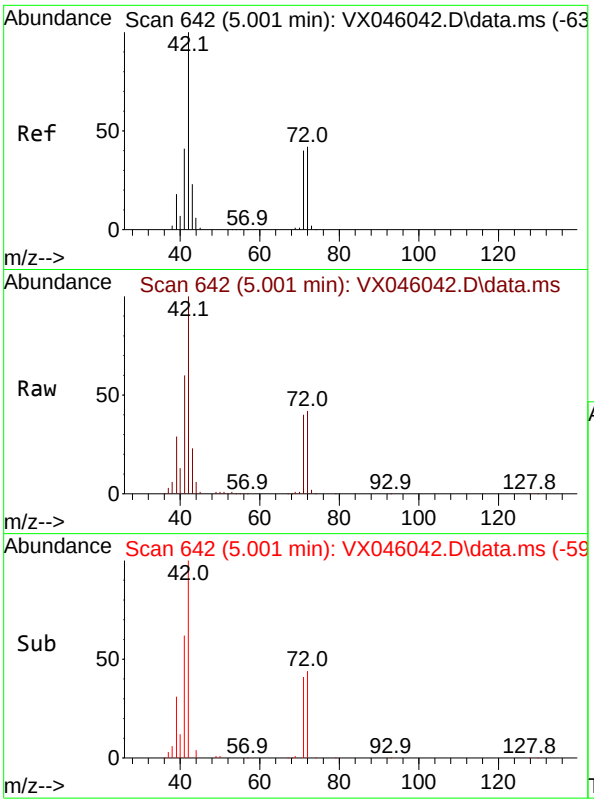


#28
Bromochloromethane
Concen: 31.031 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 49 Resp: 56091

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	70.2	56.2	84.2





#29
Tetrahydrofuran
Concen: 183.679 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

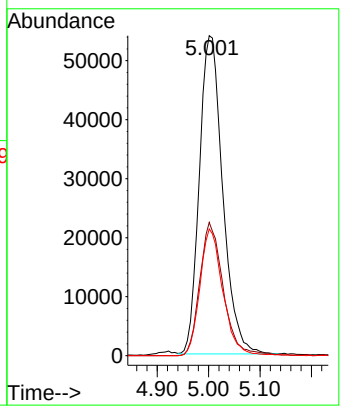
Tgt Ion: 42 Resp: 17012

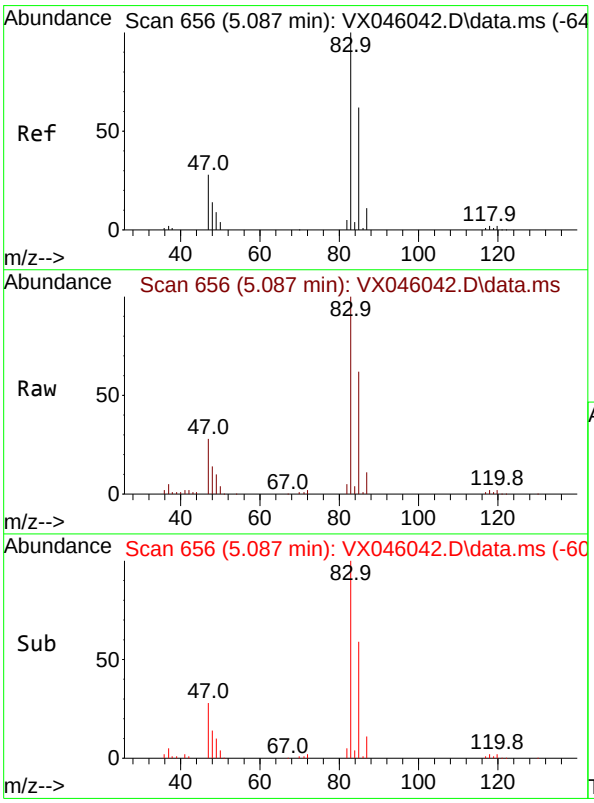
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	39.3	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

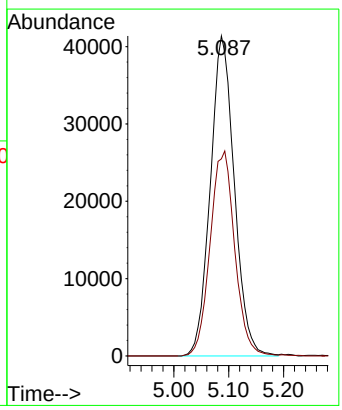


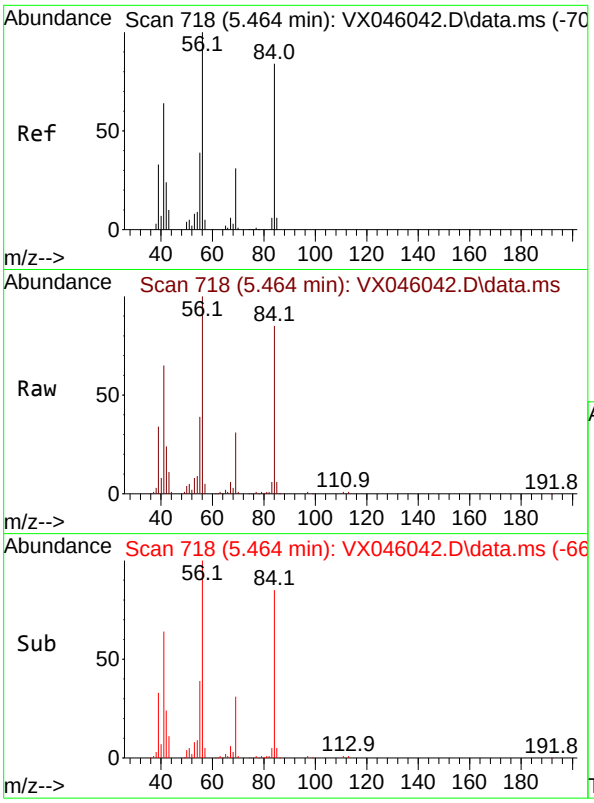


#30
Chloroform
Concen: 35.626 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 83 Resp: 125850

Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.3	73.9

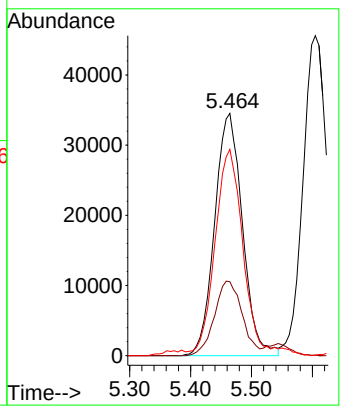




#31
Cyclohexane
Concen: 38.205 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 56 Resp: 10945

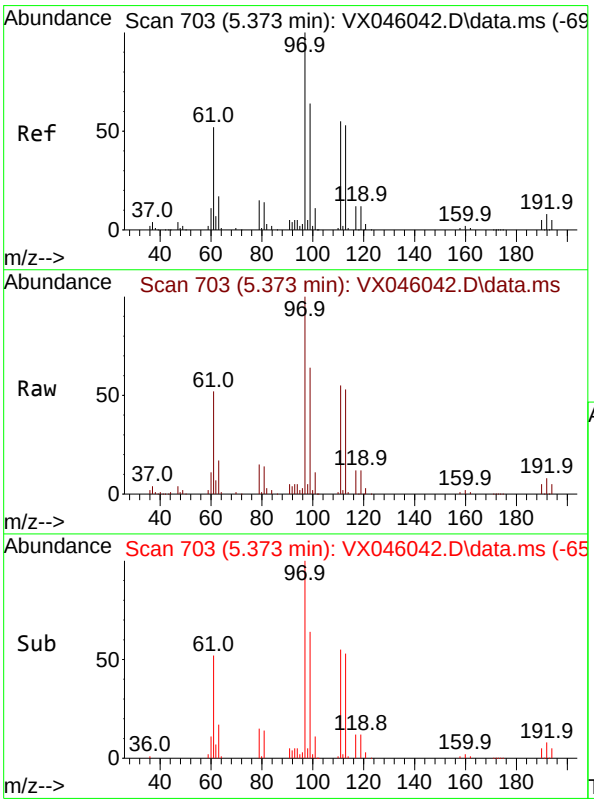
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	83.6	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

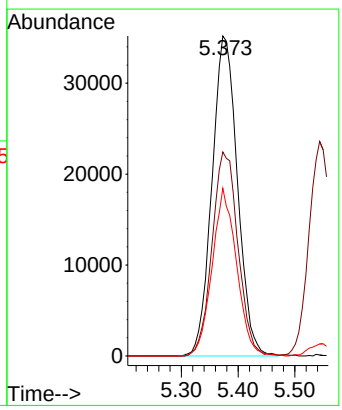
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

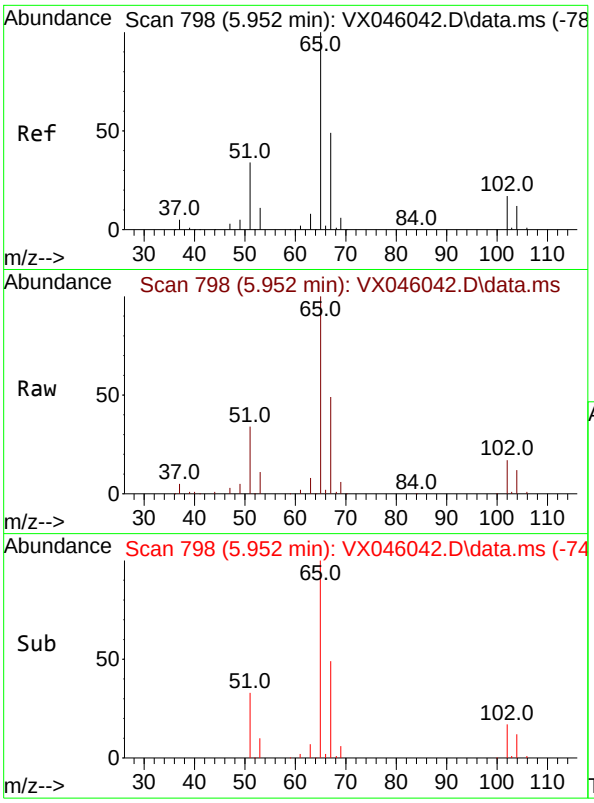


#32
1,1,1-Trichloroethane
Concen: 36.034 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 97 Resp: 109781

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	50.1	40.1	60.1

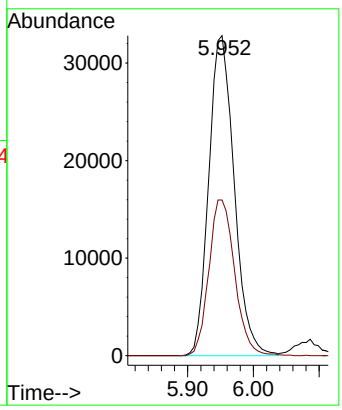




#33
1,2-Dichloroethane-d4
Concen: 30.601 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 65 Resp: 8837

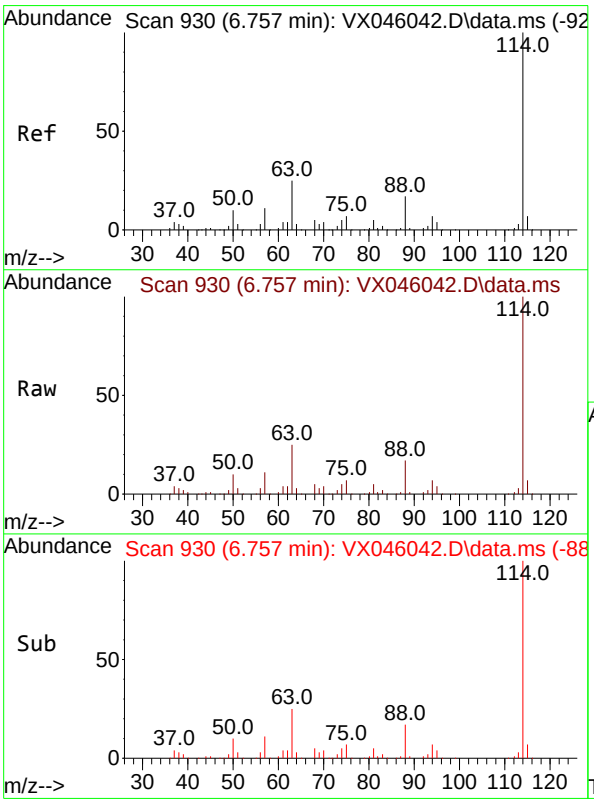
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

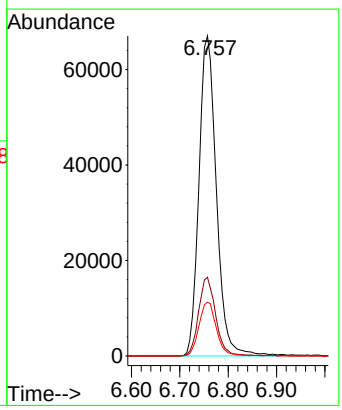
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

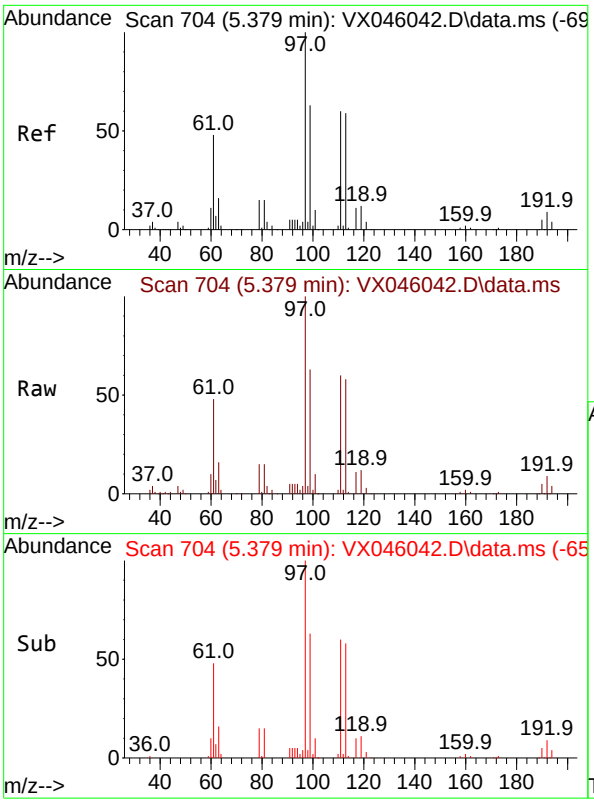


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:114 Resp: 167947

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.8	0.0	33.6

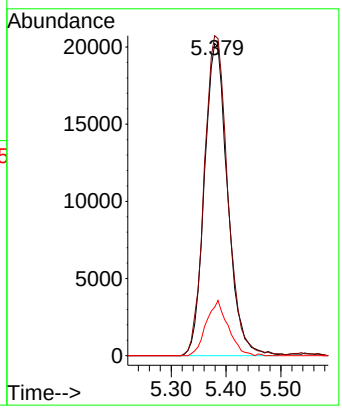




#35
Dibromofluoromethane
Concen: 31.633 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:113 Resp: 5955

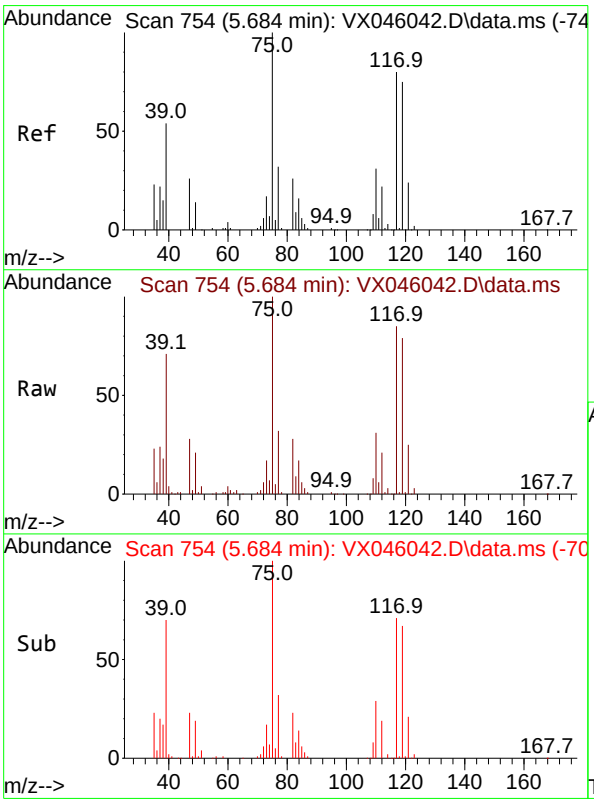
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.6	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

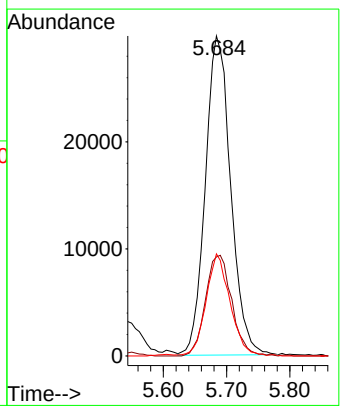
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

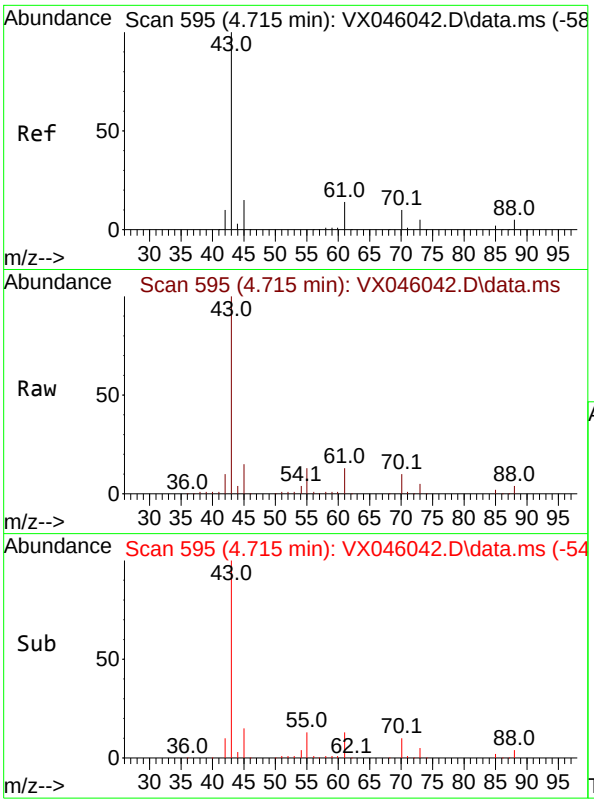


#36
1,1-Dichloropropene
Concen: 38.073 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 83215

Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	30.4	24.3	36.5

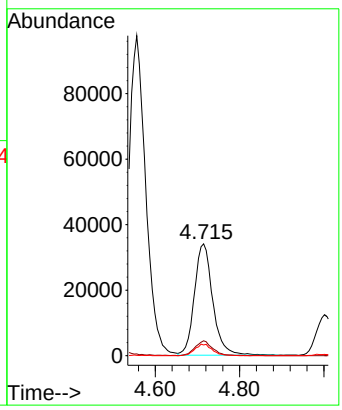




#37
Ethyl Acetate
Concen: 37.394 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 10253

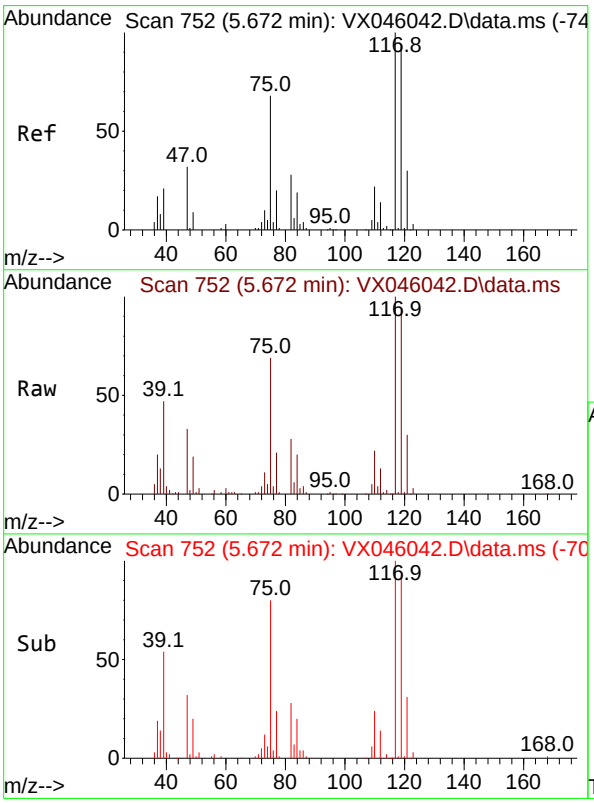
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

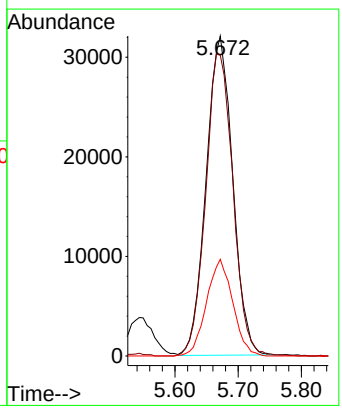
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

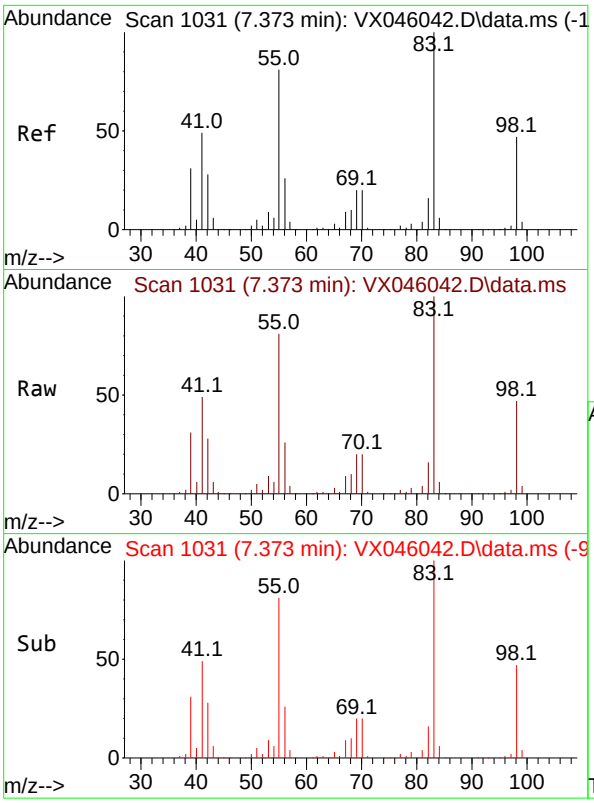


#38
Carbon Tetrachloride
Concen: 37.320 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 93712

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	30.3	24.2	36.4

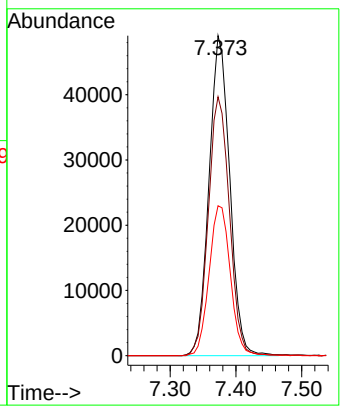




#39
Methylcyclohexane
Concen: 39.307 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 83 Resp: 10765

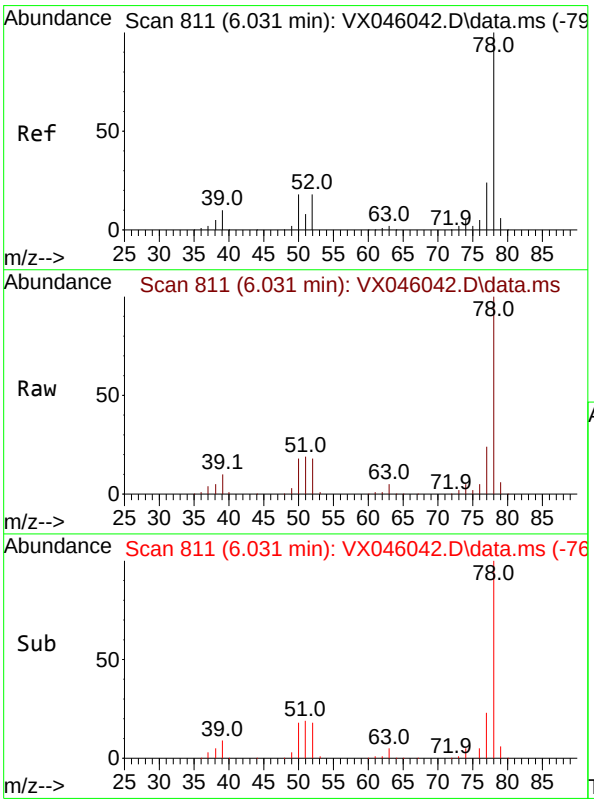
Ion	Ratio	Lower	Upper
83	100		
55	80.9	64.7	97.1
98	46.8	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

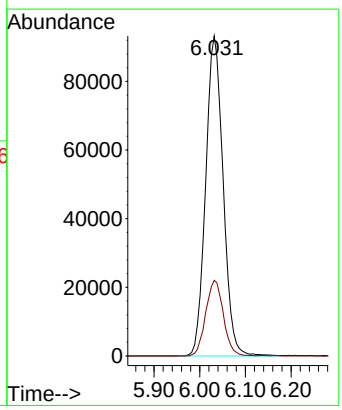
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

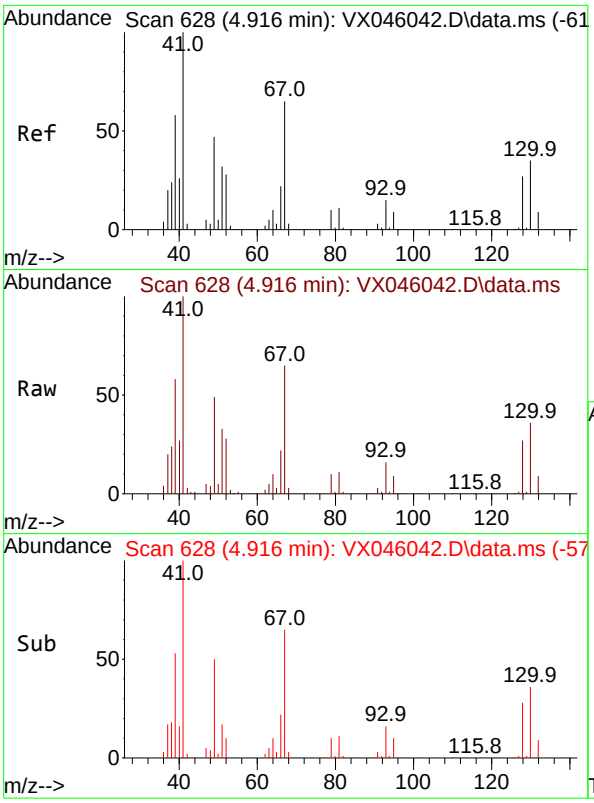


#40
Benzene
Concen: 36.530 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 78 Resp: 247476

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

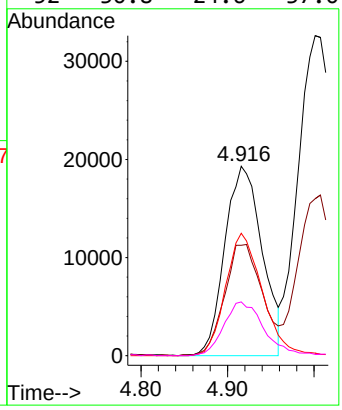




#41
Methacrylonitrile
Concen: 38.123 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 5808

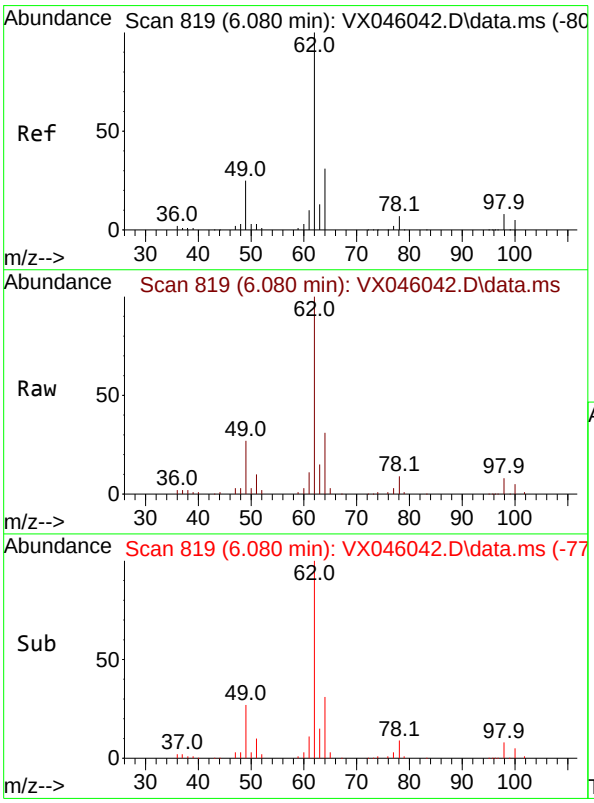
Ion	Ratio	Lower	Upper
41	100		
39	59.0	47.2	70.8
67	63.4	50.7	76.1
52	30.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

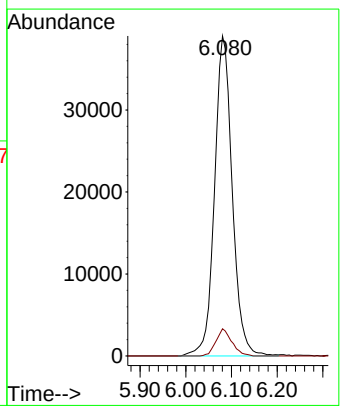
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

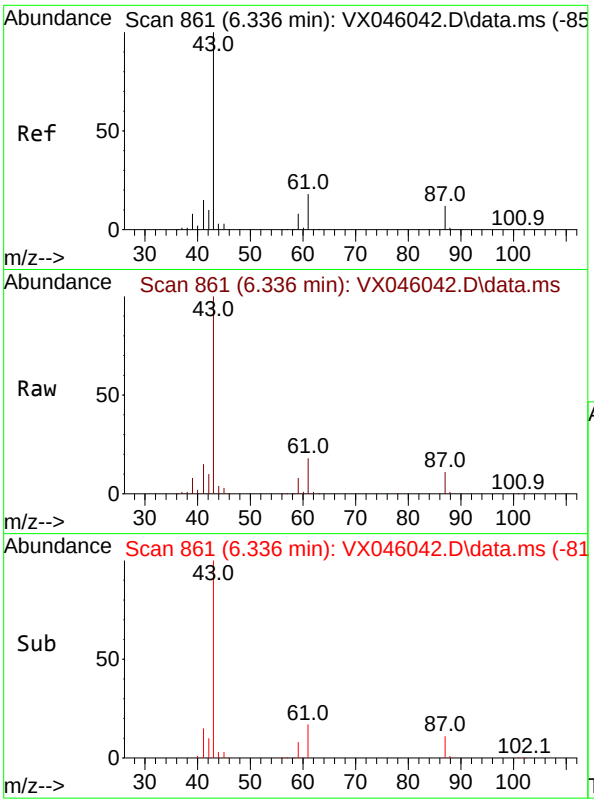


#42
1,2-Dichloroethane
Concen: 37.605 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 62 Resp: 105332

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2

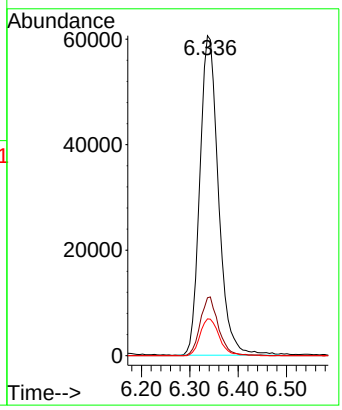




#43
Isopropyl Acetate
Concen: 38.598 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 16178

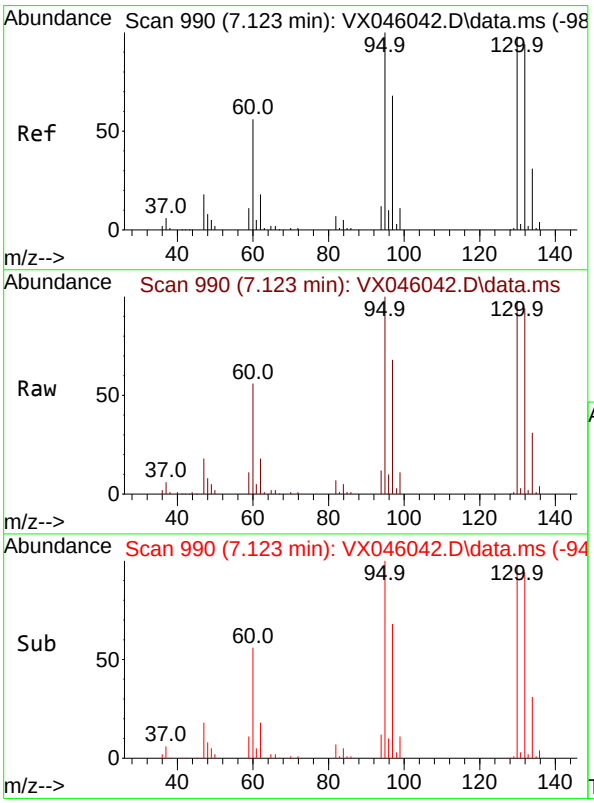
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.9	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

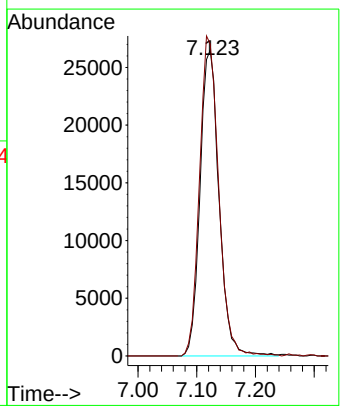
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

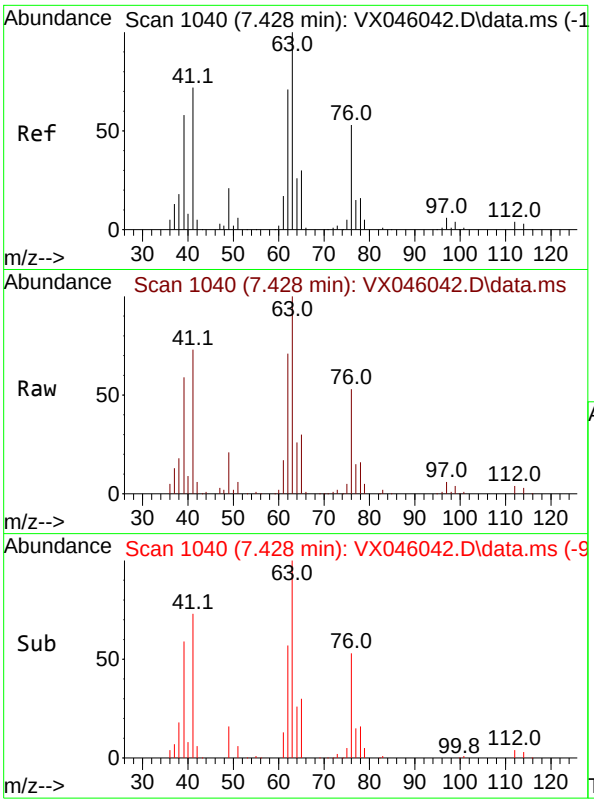


#44
Trichloroethene
Concen: 37.230 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:130 Resp: 59623

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	204.2





#45
1,2-Dichloropropane
Concen: 37.064 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

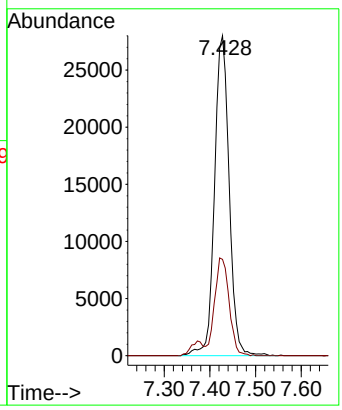
Tgt Ion: 63 Resp: 6238

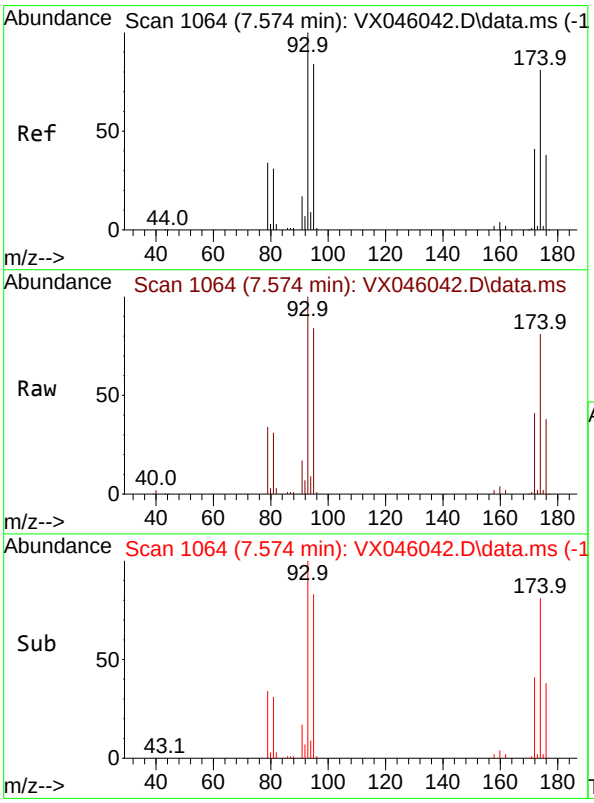
Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

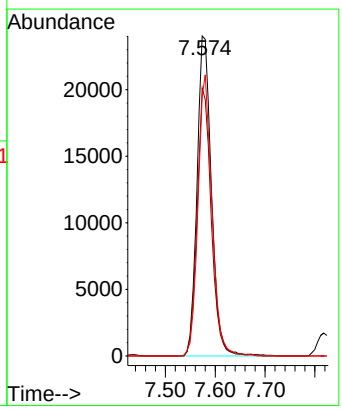


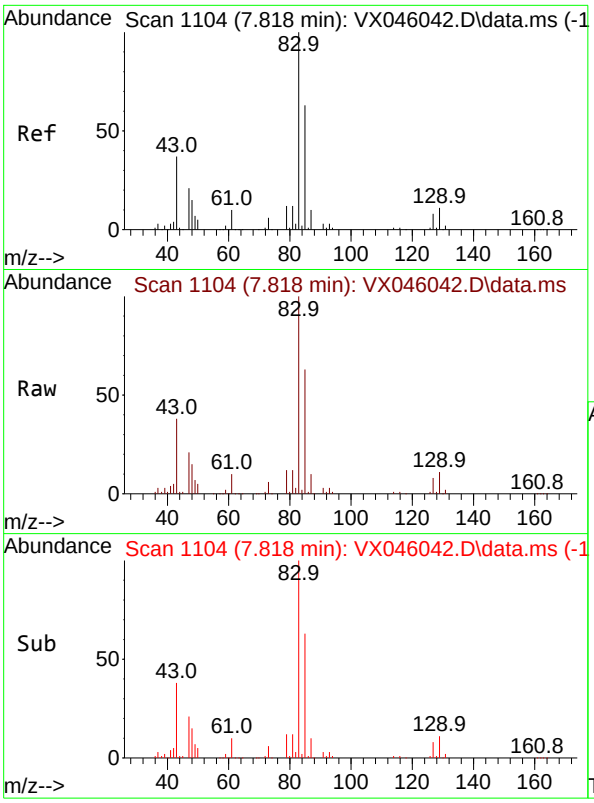


#46
Dibromomethane
Concen: 36.326 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 93 Resp: 48201

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	85.2	68.2	102.2

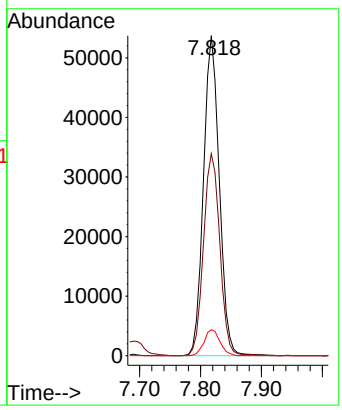




#47
Bromodichloromethane
Concen: 37.685 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 83 Resp: 9691

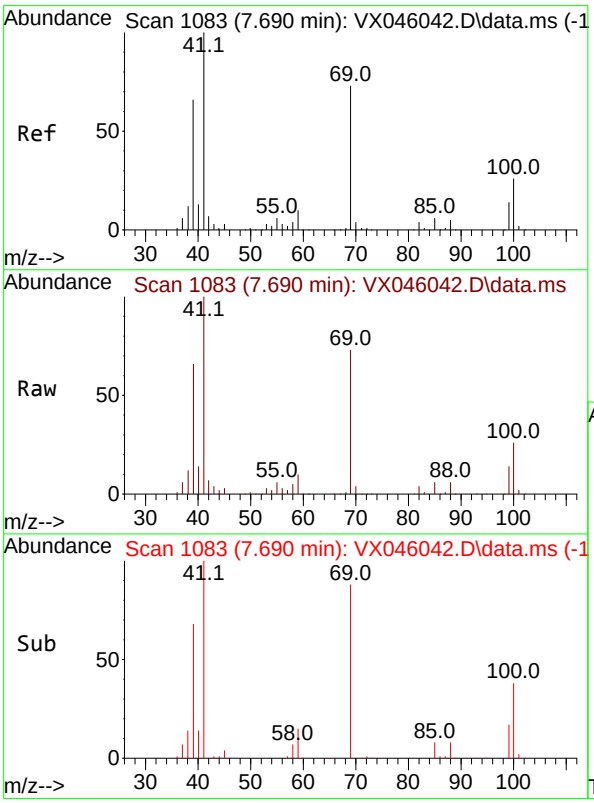
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.1	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

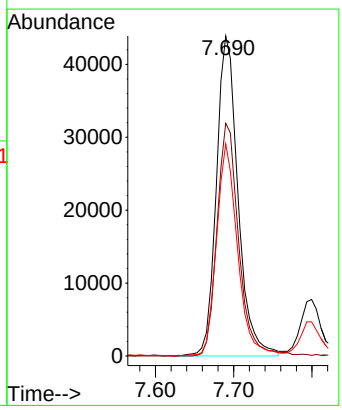
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

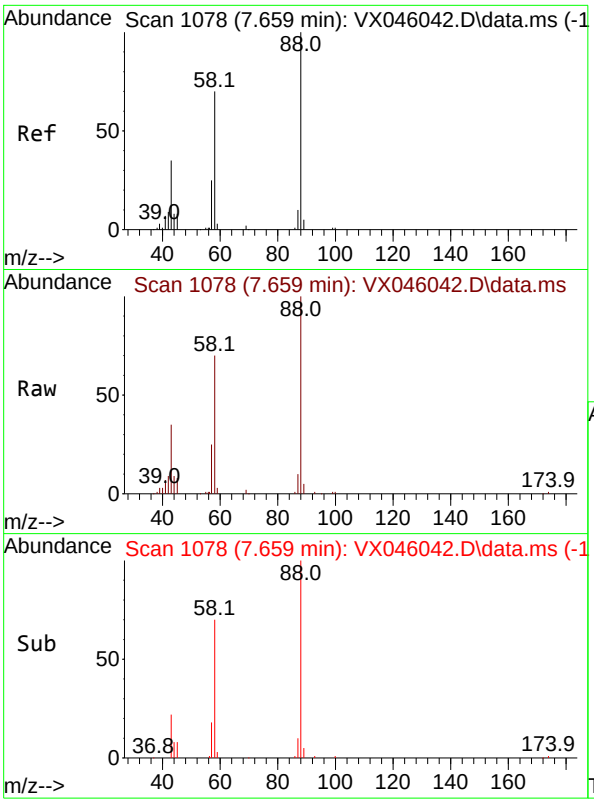


#48
Methyl methacrylate
Concen: 39.157 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 84277

Ion	Ratio	Lower	Upper
41	100		
69	73.1	58.5	87.7
39	64.6	51.7	77.5

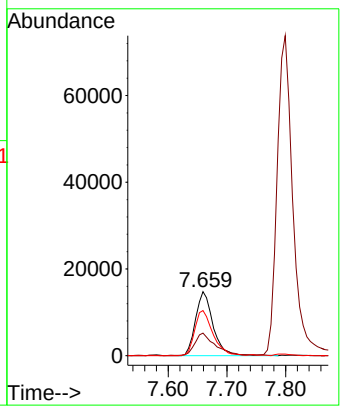




#49
1,4-Dioxane
Concen: 713.477 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 88 Resp: 3052

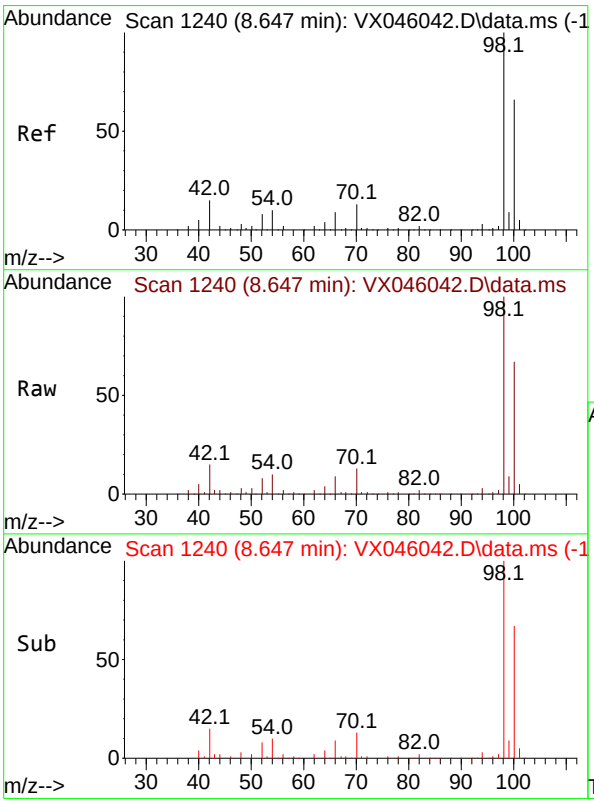
Ion	Ratio	Lower	Upper
88	100		
43	41.8	33.4	50.2
58	73.3	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

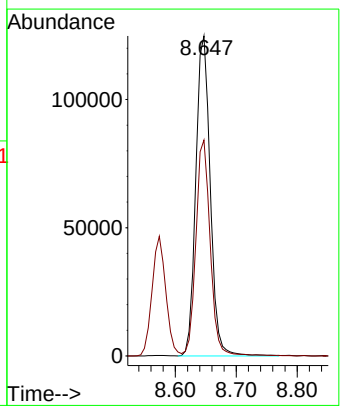
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

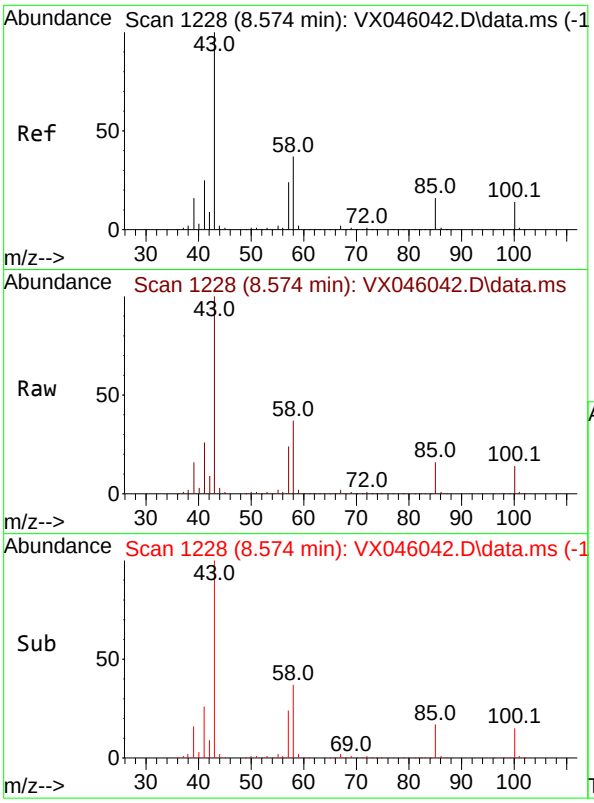


#50
Toluene-d8
Concen: 32.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 98 Resp: 205479

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3

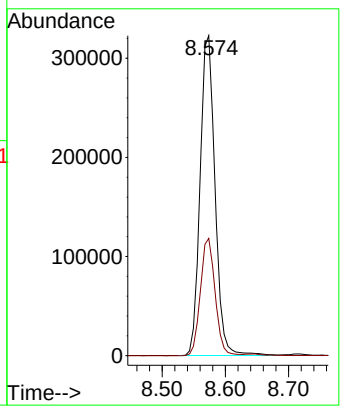




#51
4-Methyl-2-Pentanone
Concen: 193.653 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 53238

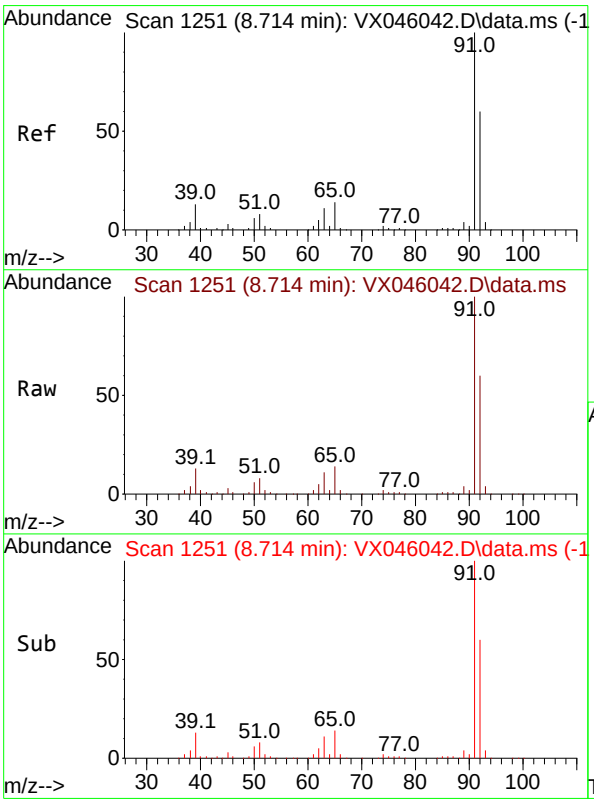
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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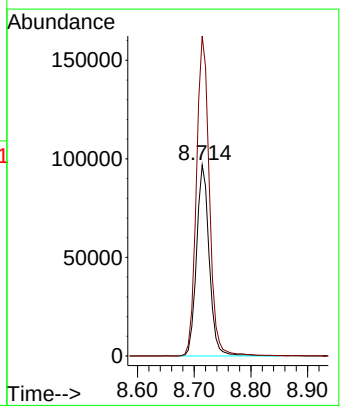
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

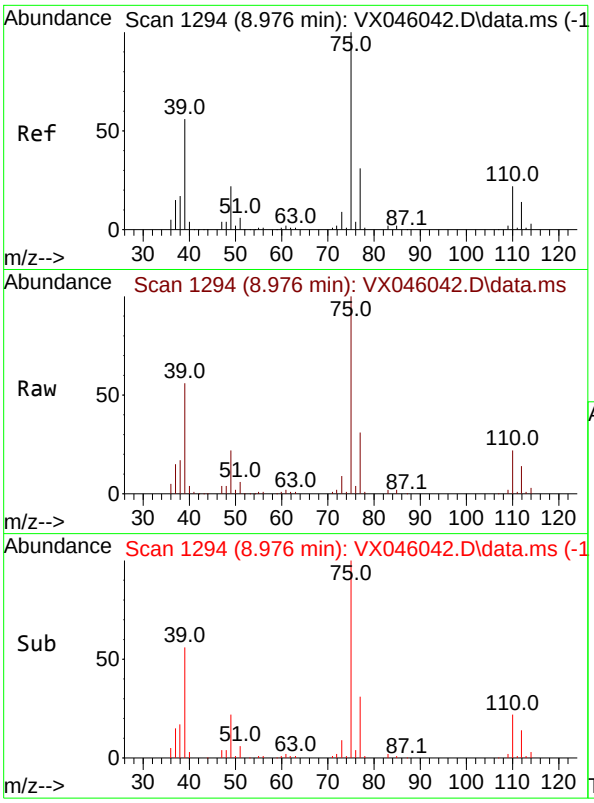


#52
Toluene
Concen: 37.530 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 92 Resp: 150757

Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.6	205.0

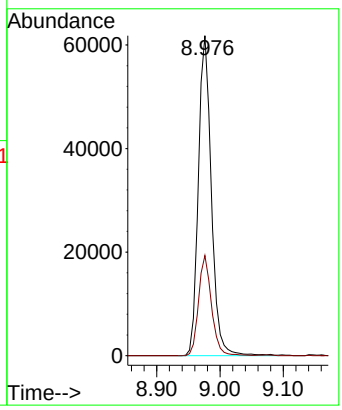




#53
t-1,3-Dichloropropene
Concen: 41.056 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 8865

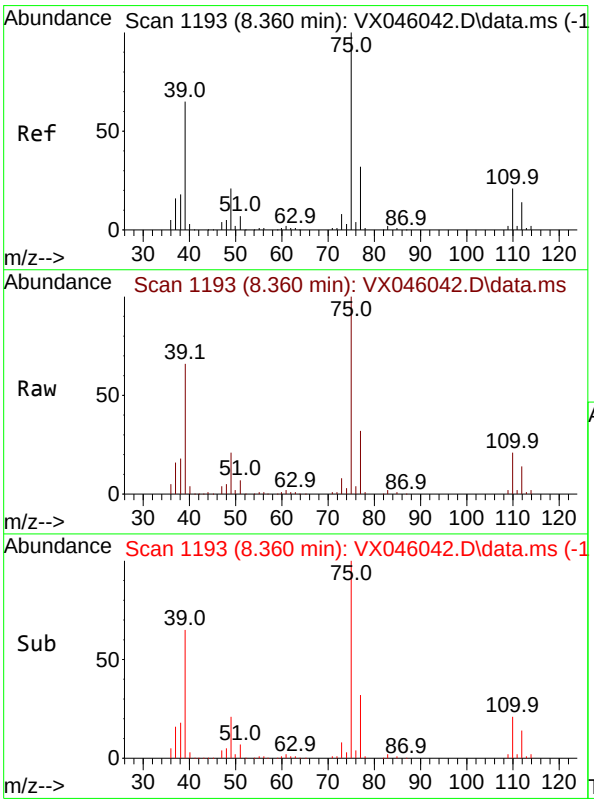
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

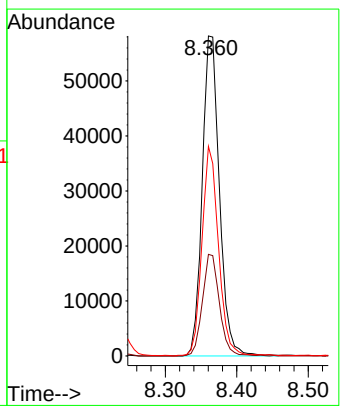
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

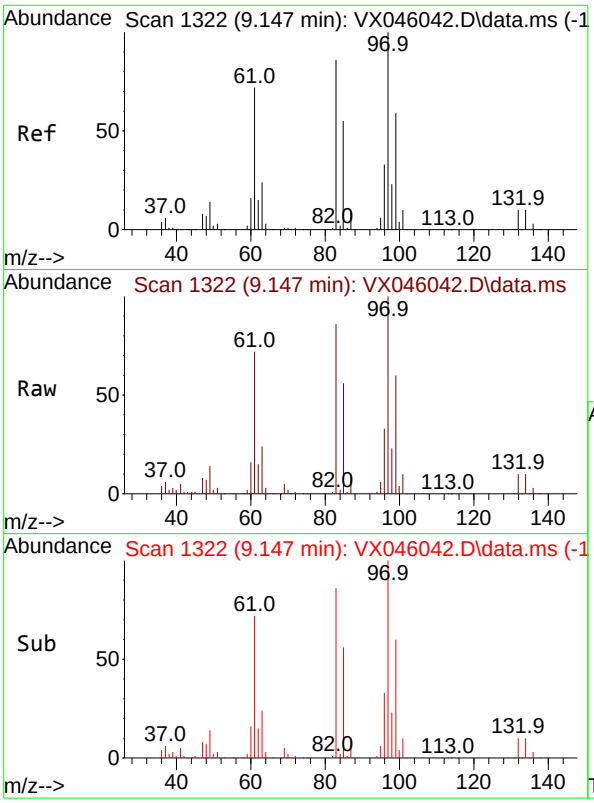


#54
cis-1,3-Dichloropropene
Concen: 38.521 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 97031

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	65.3	52.2	78.4

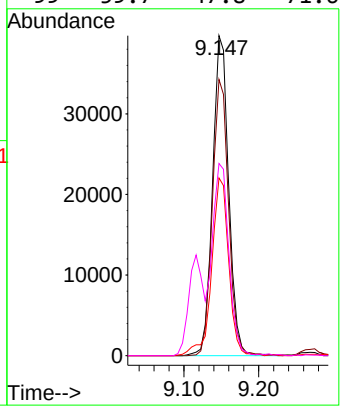




#55
1,1,2-Trichloroethane
Concen: 36.648 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 97 Resp: 5949

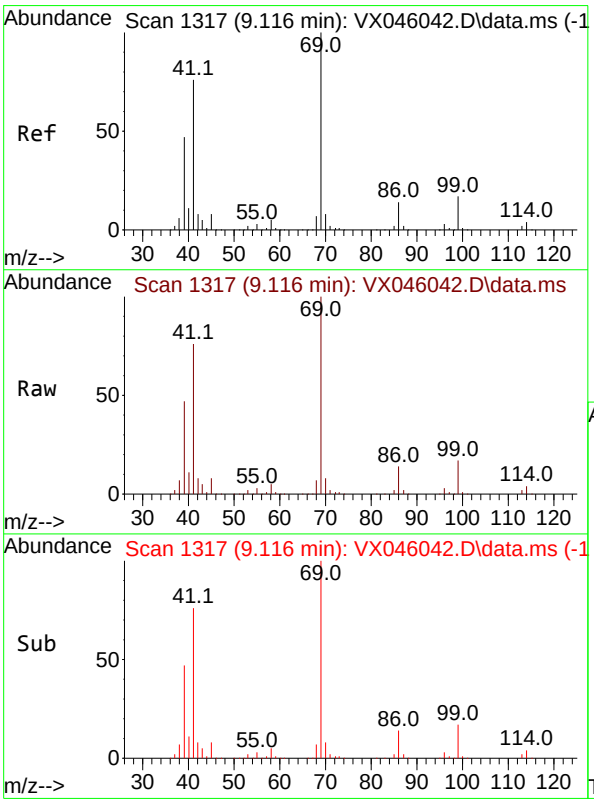
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.4	44.3	66.5
99	59.7	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

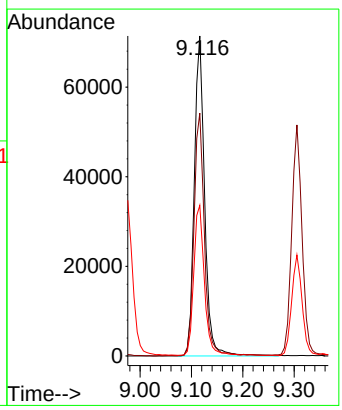
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

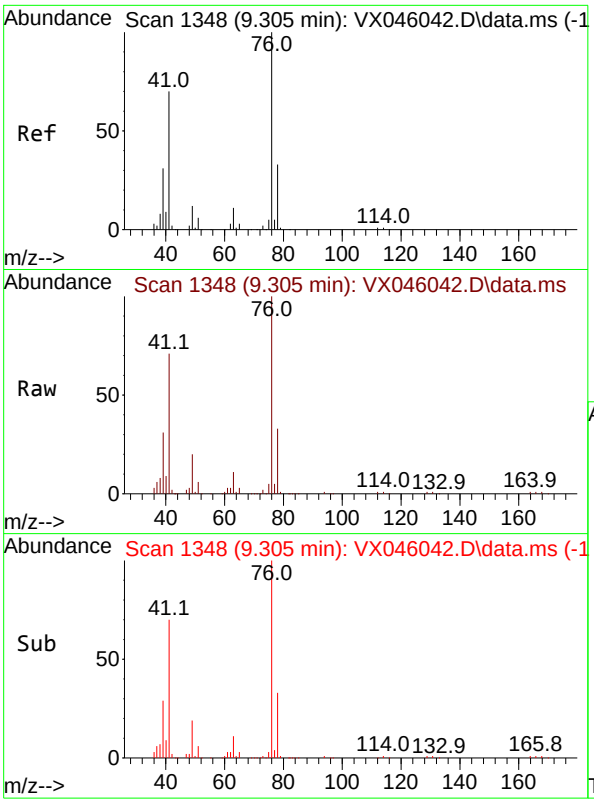


#56
Ethyl methacrylate
Concen: 39.726 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 69 Resp: 99947

Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.8	91.2
39	48.8	39.0	58.6





#57
1,3-Dichloropropane
Concen: 36.347 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

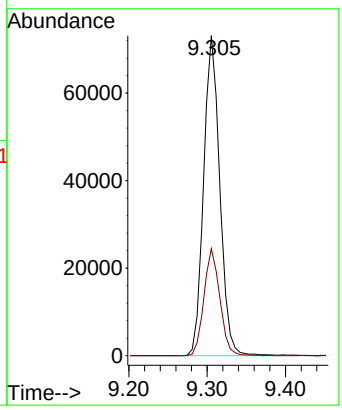
Tgt Ion: 76 Resp: 10460

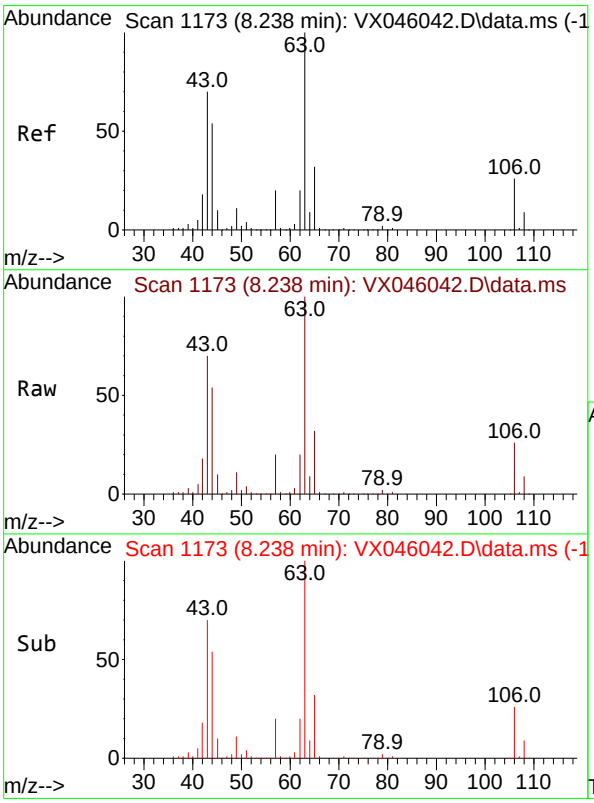
Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

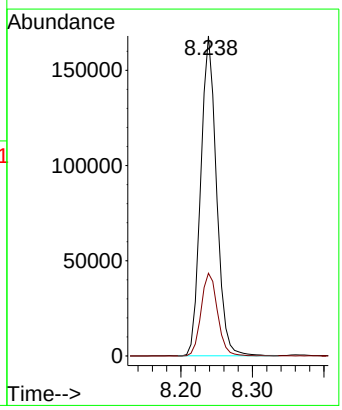


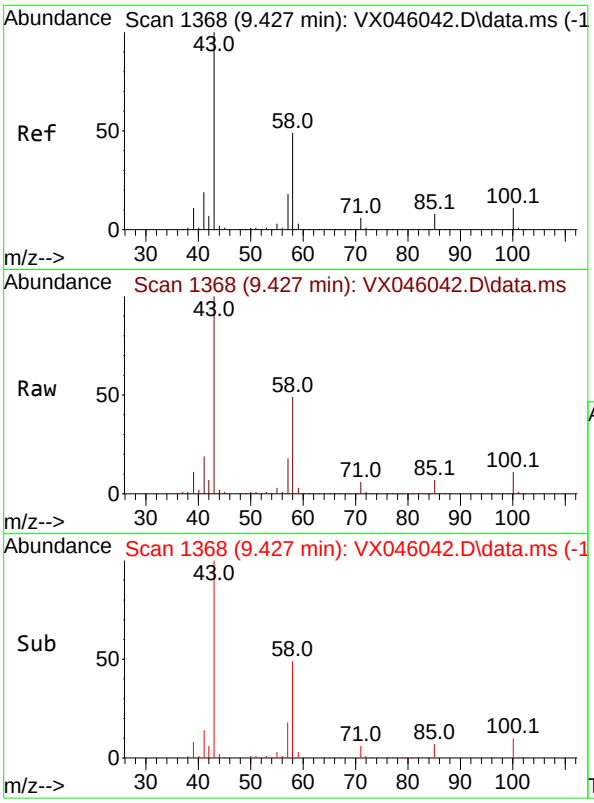


#58
2-Chloroethyl Vinyl ether
Concen: 227.902 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 63 Resp: 257678

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3





#59
2-Hexanone
Concen: 190.168 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

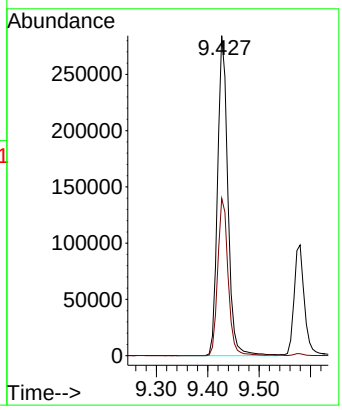
Tgt Ion: 43 Resp: 39678

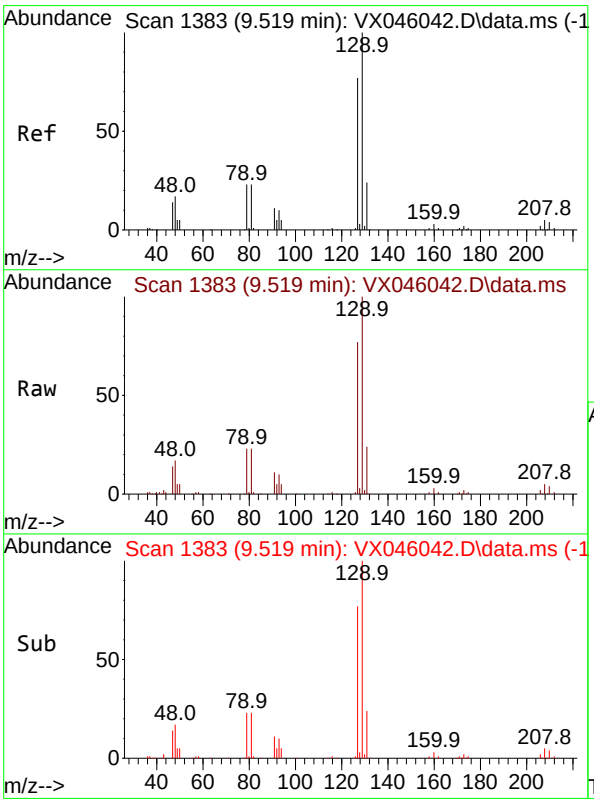
Ion	Ratio	Lower	Upper
43	100		
58	49.7	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

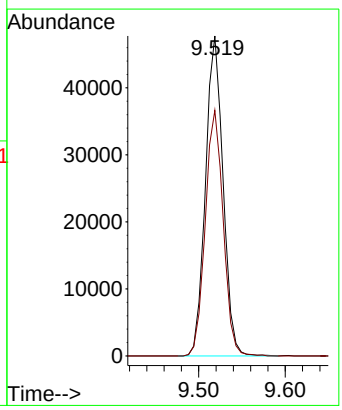


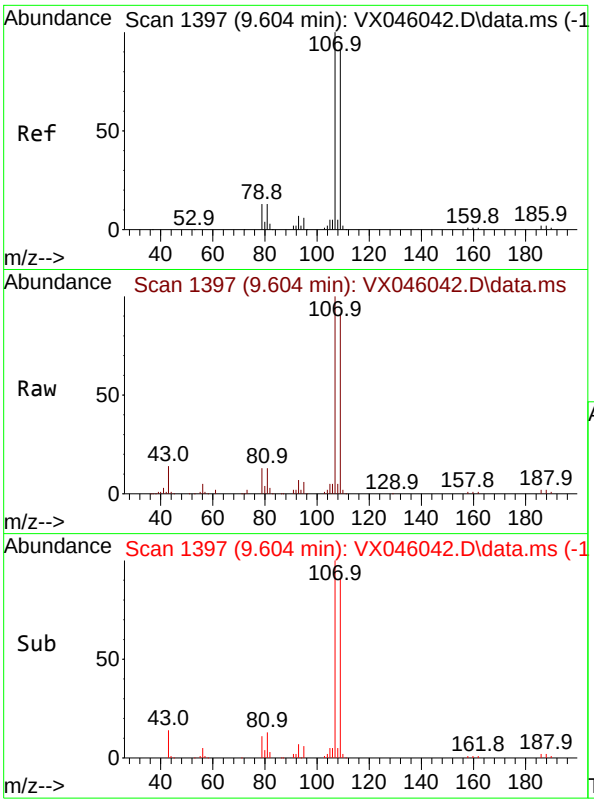


#60
Dibromochloromethane
Concen: 38.027 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:129 Resp: 67198

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8

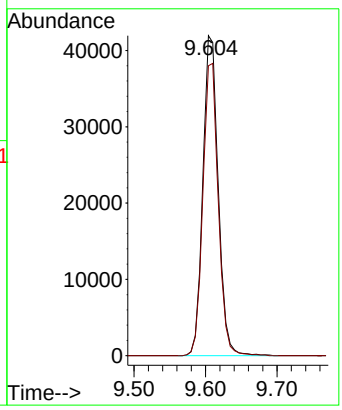




#61
1,2-Dibromoethane
Concen: 37.567 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:107 Resp: 6263

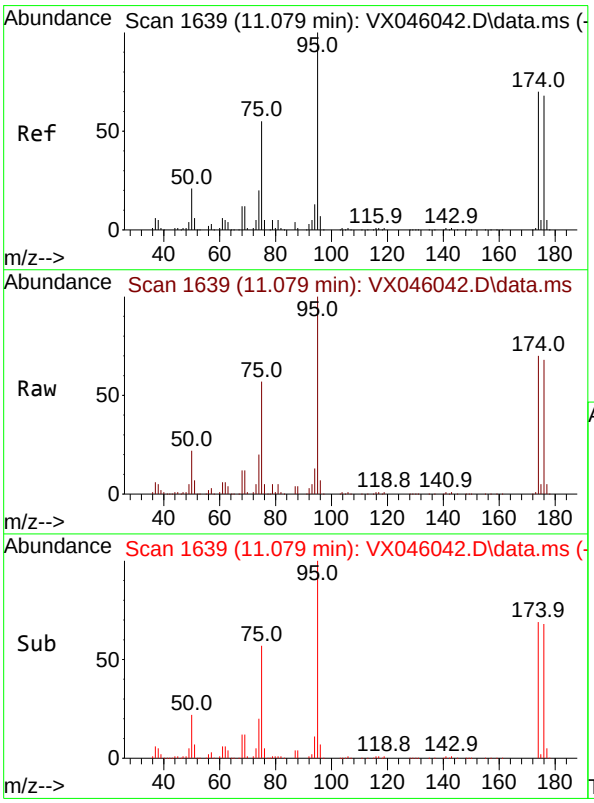
Ion	Ratio	Lower	Upper
107	100		
109	91.6	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

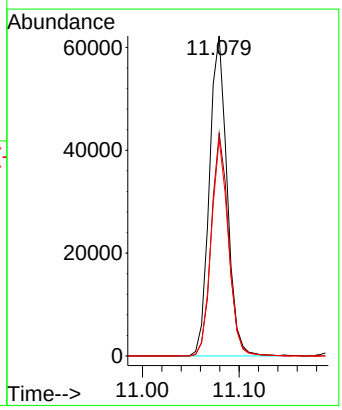
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

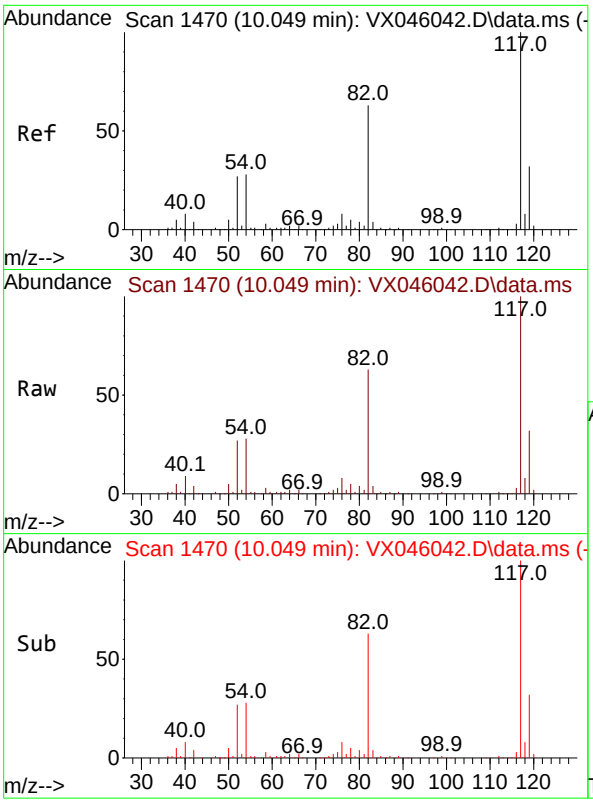


#62
4-Bromofluorobenzene
Concen: 34.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 95 Resp: 79012

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	65.7	0.0	131.4

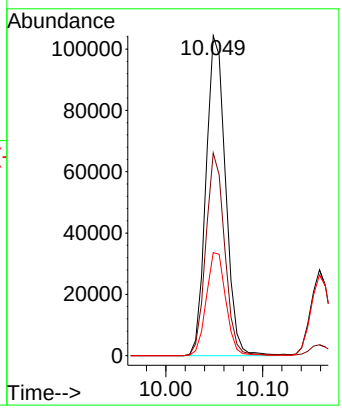




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 14625

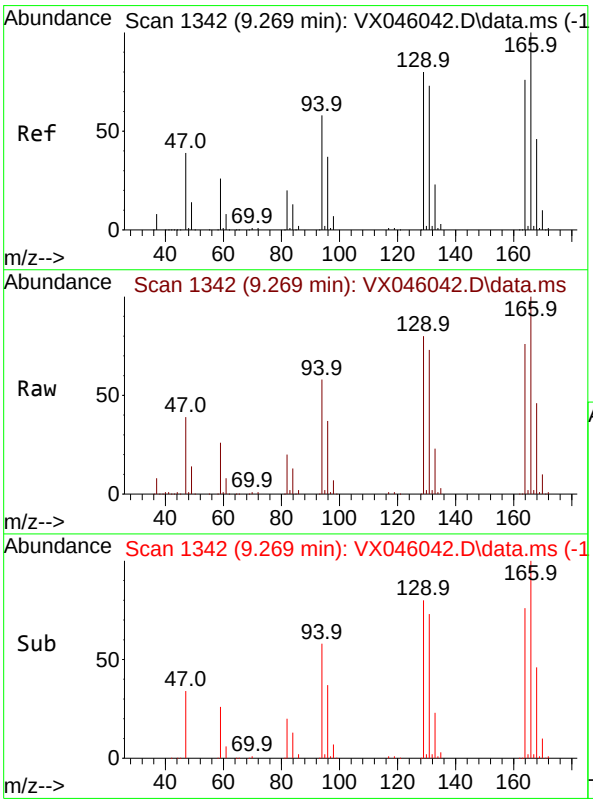
Ion	Ratio	Lower	Upper
117	100		
82	63.3	50.6	76.0
119	32.2	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

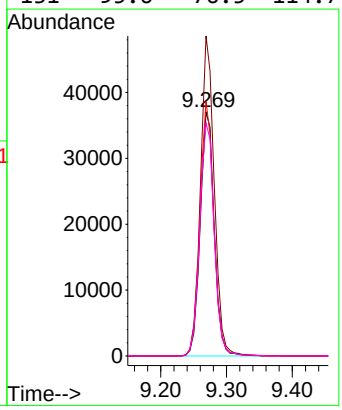
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

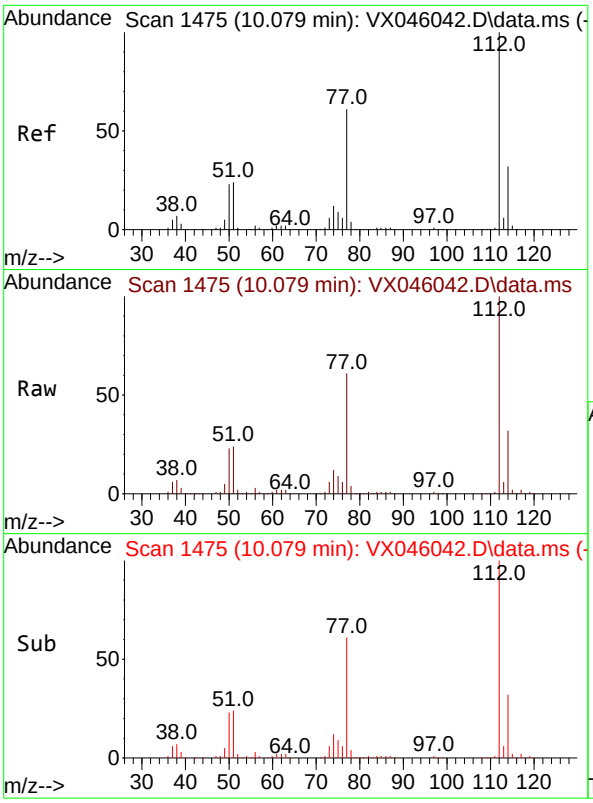


#64
Tetrachloroethene
Concen: 36.726 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:164 Resp: 54853

Ion	Ratio	Lower	Upper
164	100		
166	131.3	105.0	157.6
129	104.4	83.5	125.3
131	95.6	76.5	114.7





#65
Chlorobenzene
Concen: 35.686 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

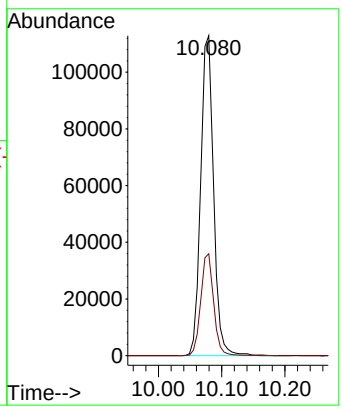
Tgt Ion:112 Resp: 16060

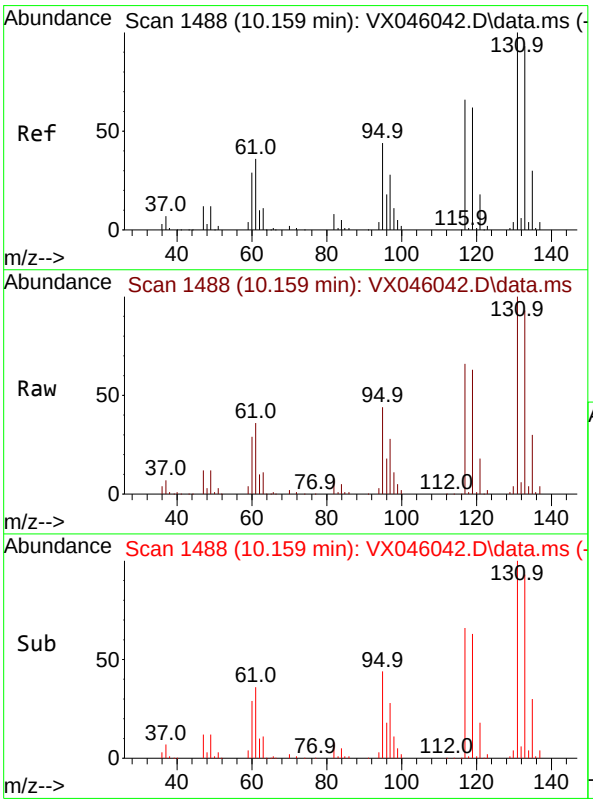
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

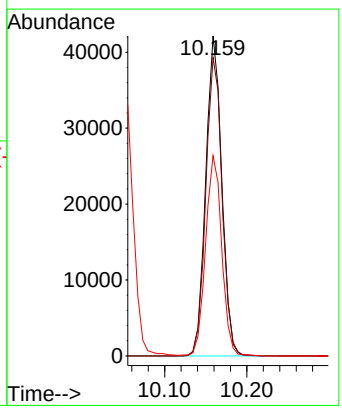


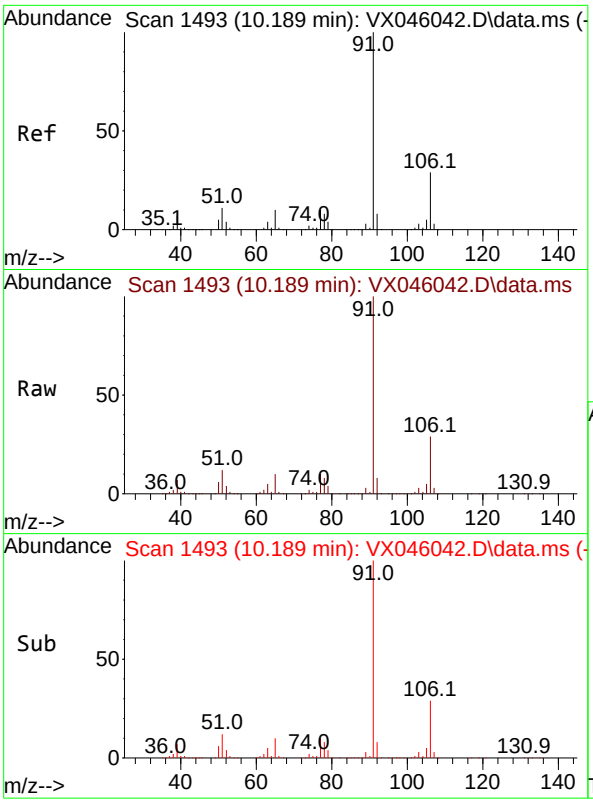


#66
1,1,1,2-Tetrachloroethane
Concen: 38.017 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:131 Resp: 57066

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	141.9
119	63.3	31.6	95.0

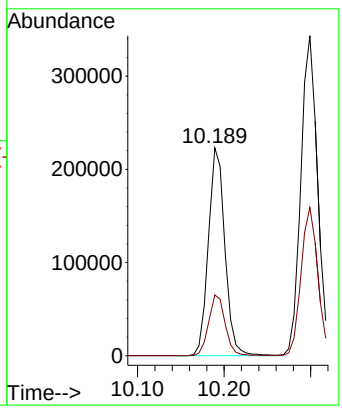




#67
Ethyl Benzene
Concen: 38.543 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 29571

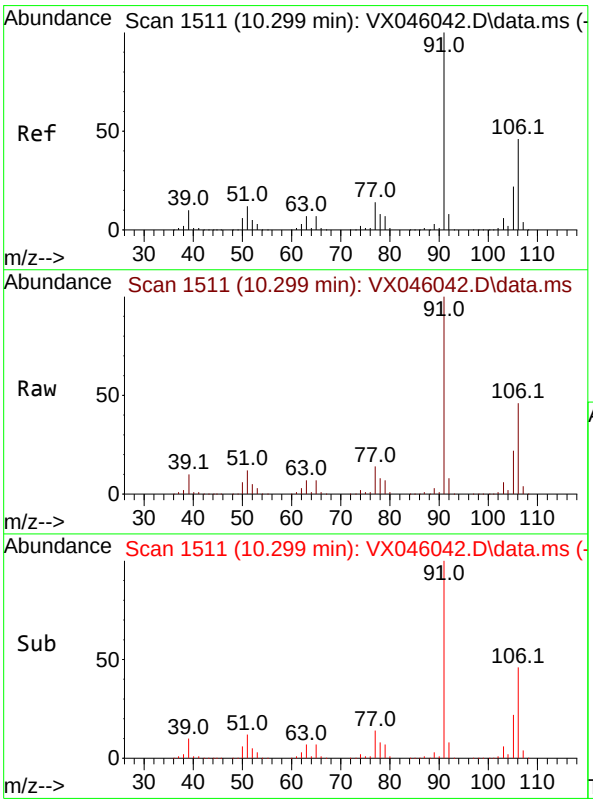
Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

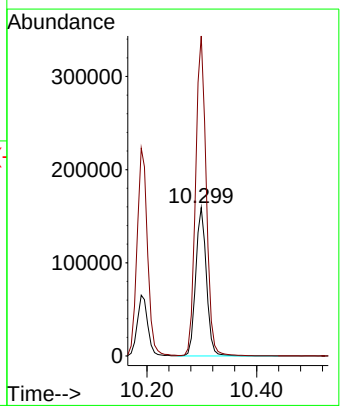
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

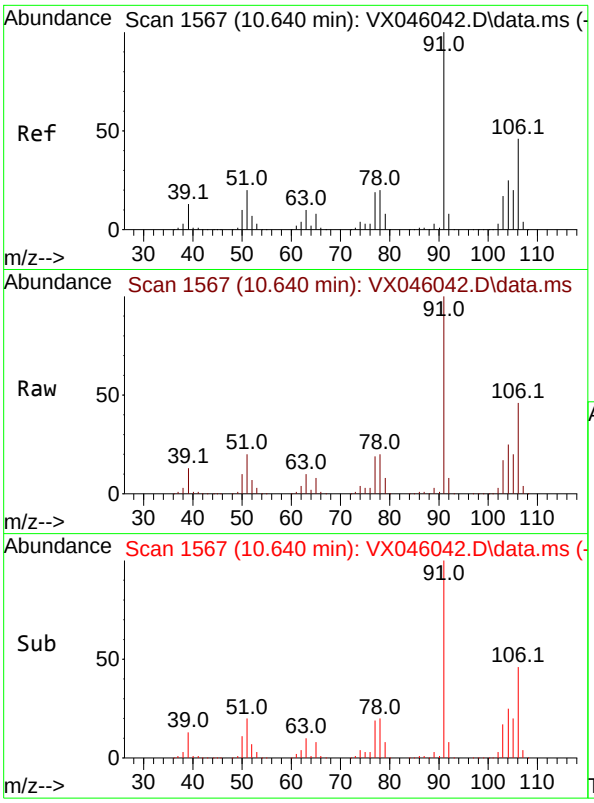


#68
m/p-Xylenes
Concen: 78.142 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:106 Resp: 216578

Ion	Ratio	Lower	Upper
106	100		
91	214.0	171.2	256.8

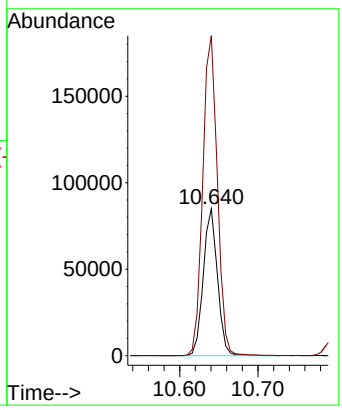




#69
o-Xylene
Concen: 38.064 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:106 Resp: 10633

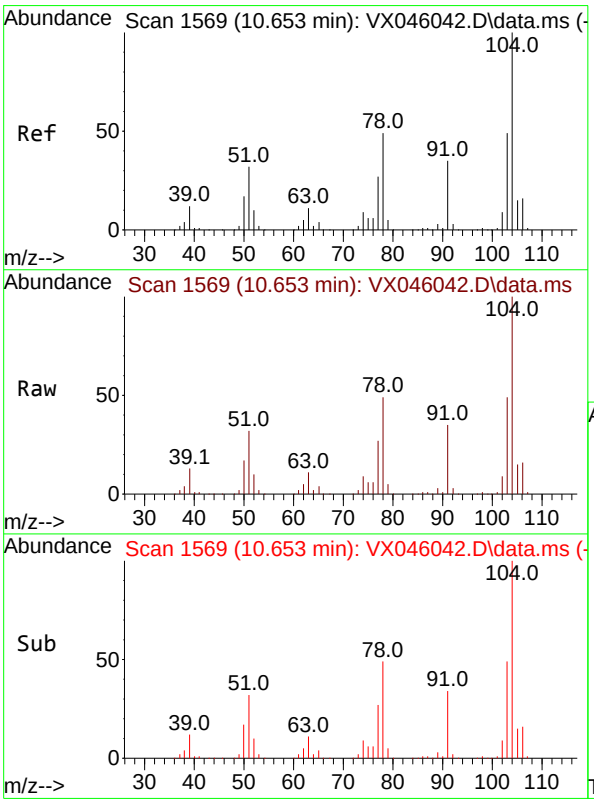
Ion	Ratio	Lower	Upper
106	100		
91	225.4	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

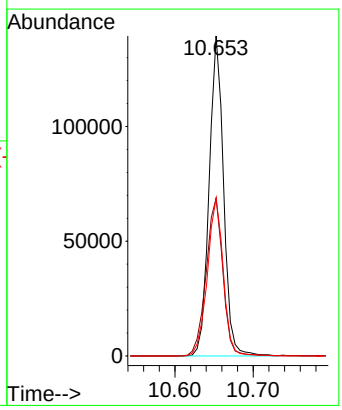
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

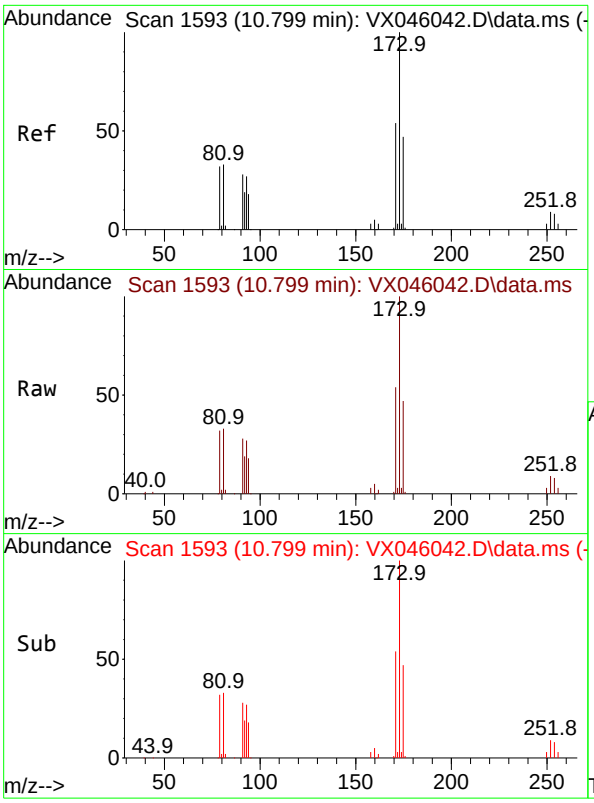


#70
Styrene
Concen: 39.888 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:104 Resp: 178313

Ion	Ratio	Lower	Upper
104	100		
78	57.1	45.7	68.5
103	54.6	43.7	65.5

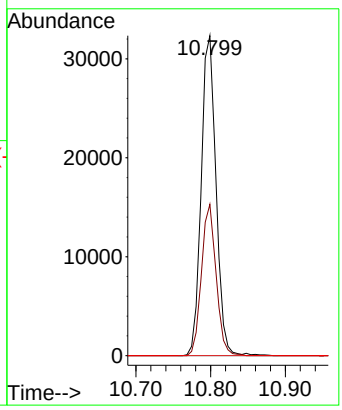




#71
Bromoform
Concen: 39.457 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:173 Resp: 4448

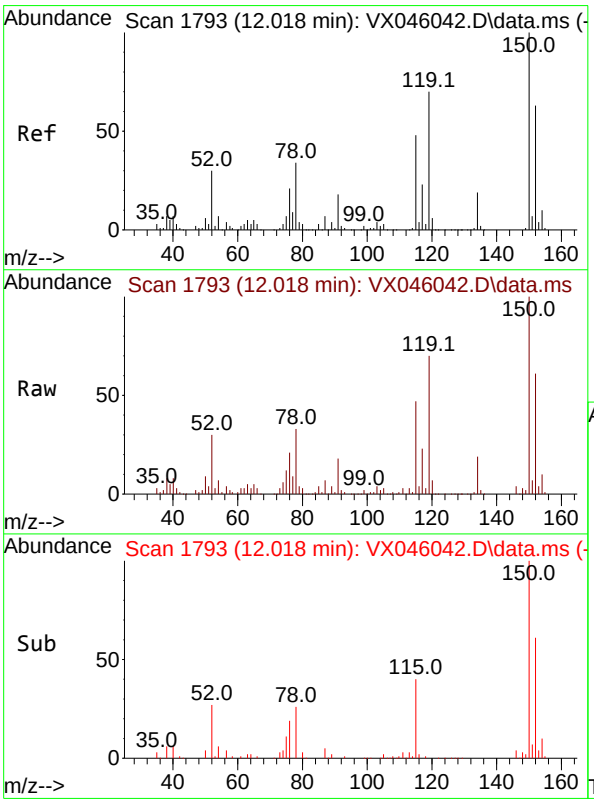
Ion	Ratio	Lower	Upper
173	100		
175	46.7	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

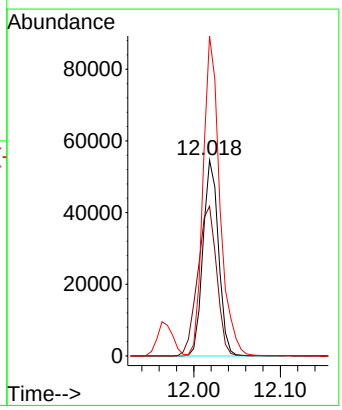
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

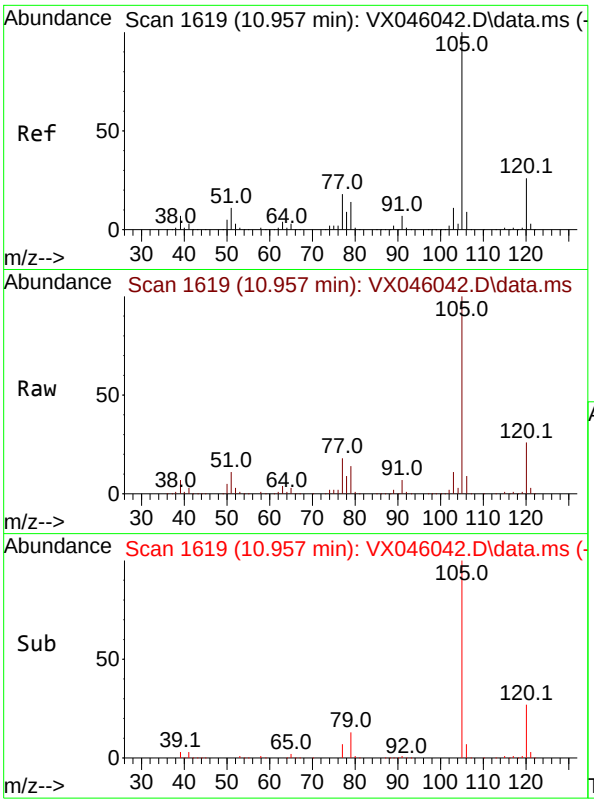


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:152 Resp: 67976

Ion	Ratio	Lower	Upper
152	100		
115	93.8	46.9	140.7
150	175.5	0.0	351.0





#73
Isopropylbenzene
Concen: 37.865 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

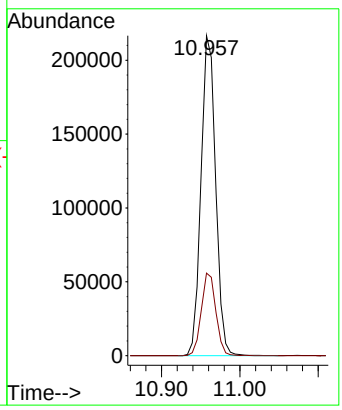
Tgt Ion:105 Resp: 28071

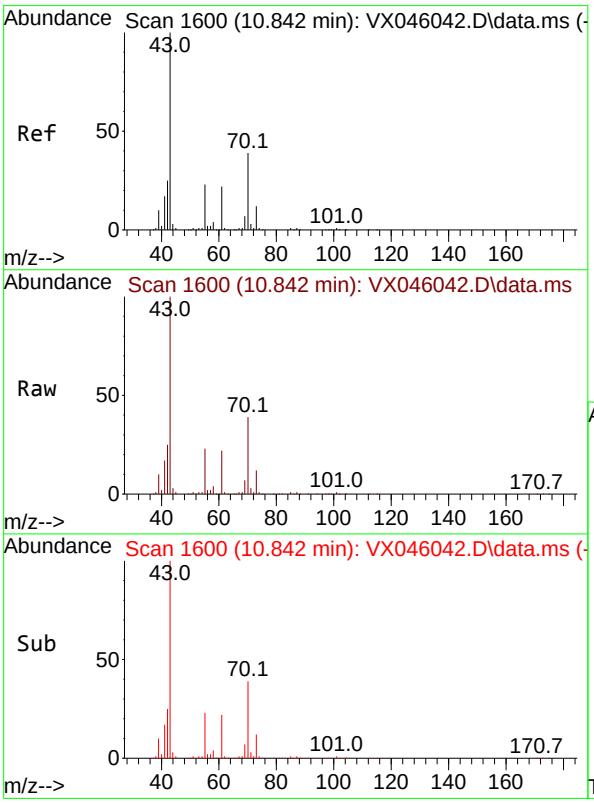
Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

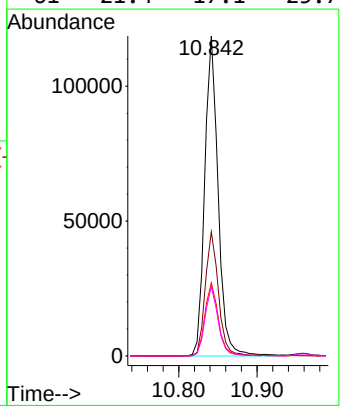


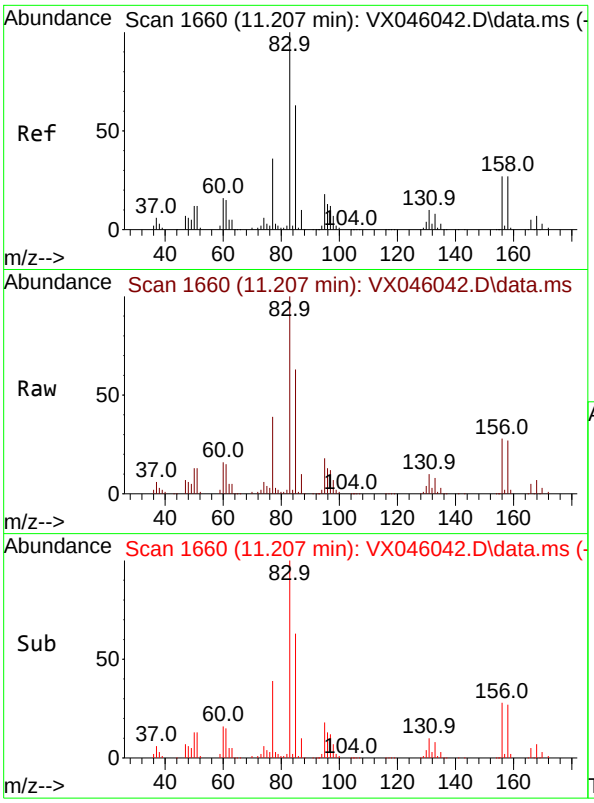


#74
N-amyl acetate
Concen: 38.012 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 140509

Ion	Ratio	Lower	Upper
43	100		
70	38.6	30.9	46.3
55	23.4	18.7	28.1
61	21.4	17.1	25.7

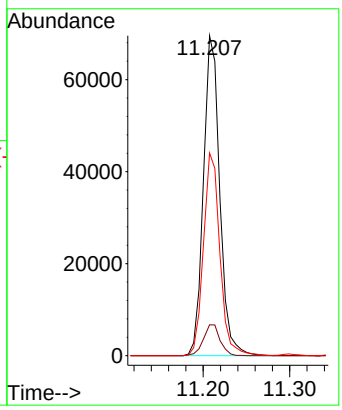




#75
1,1,2,2-Tetrachloroethane
Concen: 34.495 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 83 Resp: 9097

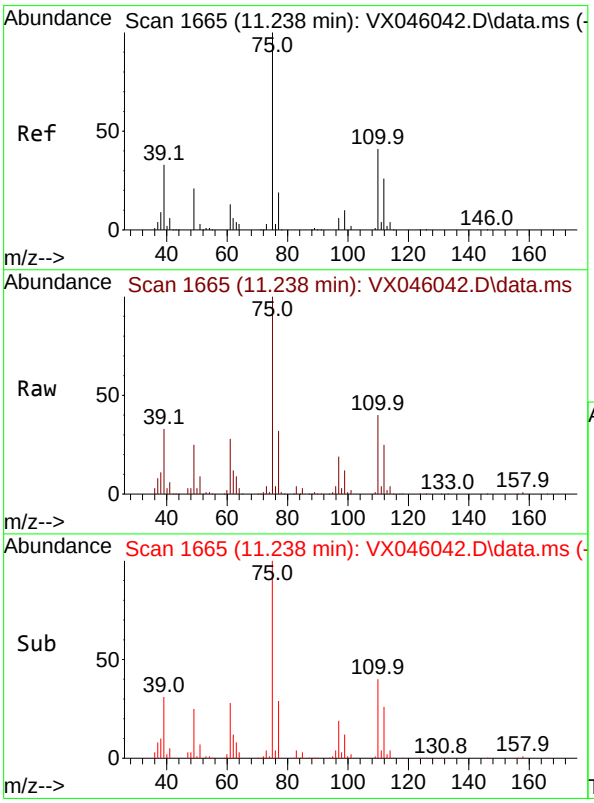
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

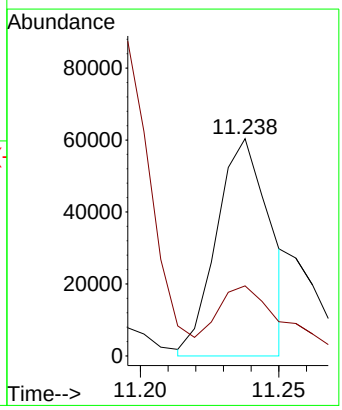
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

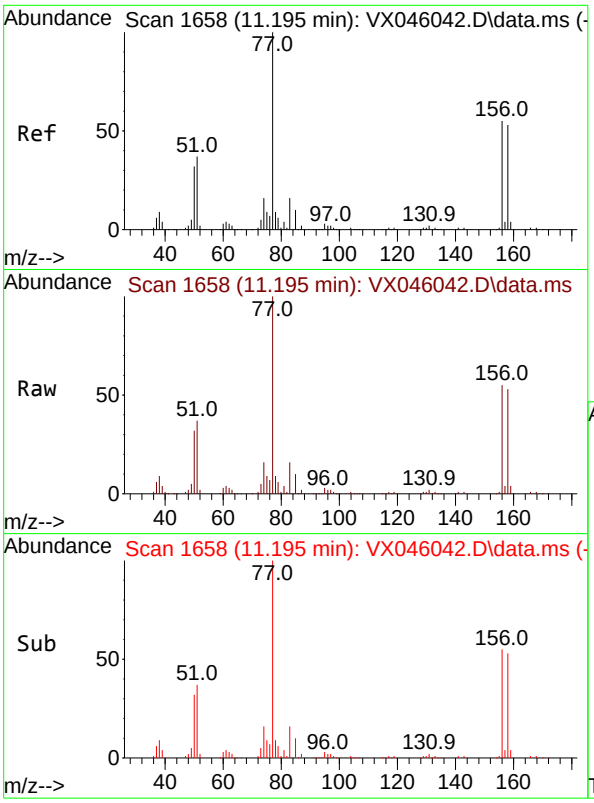


#76
1,2,3-Trichloropropane
Concen: 28.468 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 80678

Ion	Ratio	Lower	Upper
75	100		
77	41.0	20.5	61.5

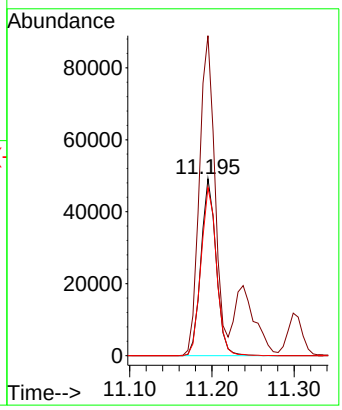




#77
Bromobenzene
Concen: 36.763 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:156 Resp: 6305

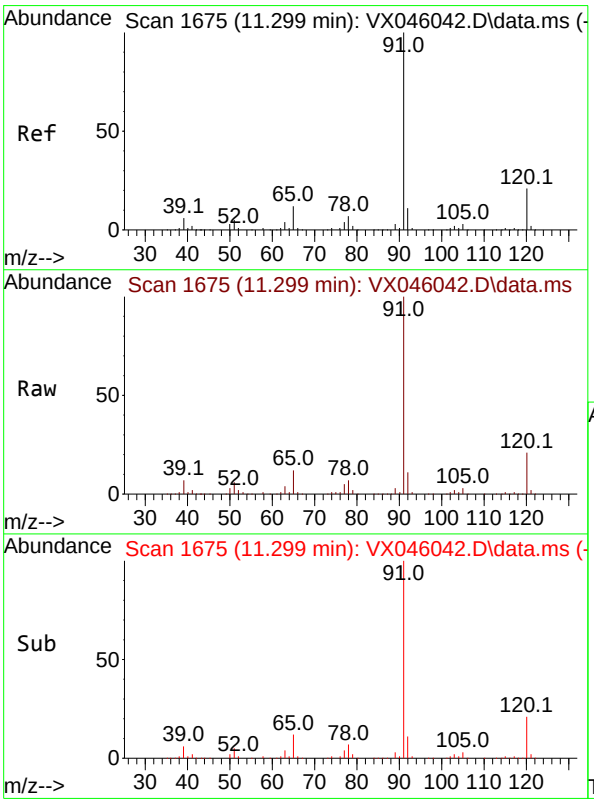
Ion	Ratio	Lower	Upper
156	100		
77	185.5	92.8	278.3
158	97.5	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

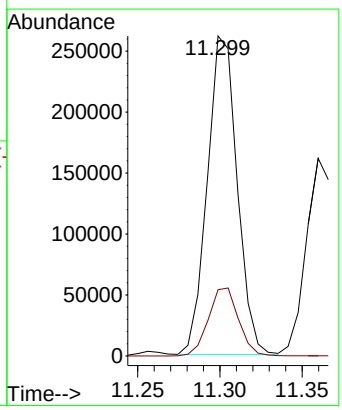
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

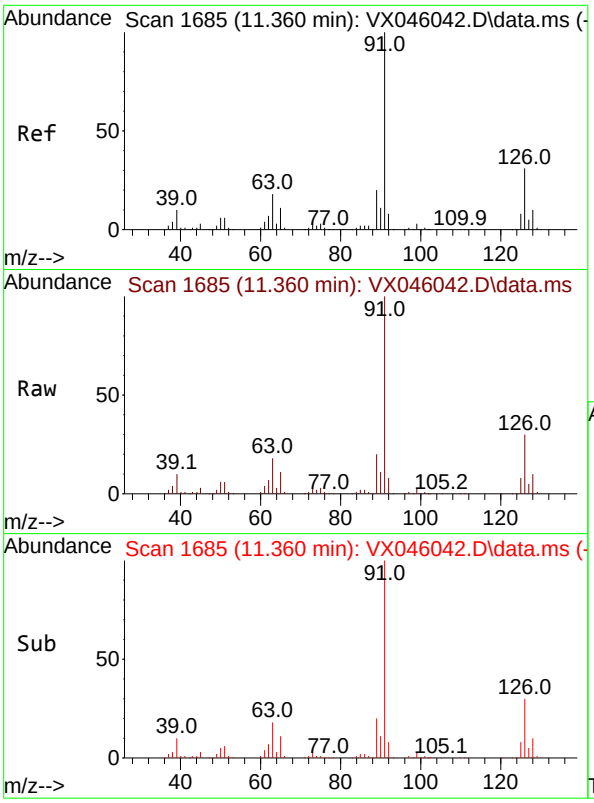


#78
n-propylbenzene
Concen: 39.707 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 329981

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4





#79
2-Chlorotoluene
Concen: 36.336 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

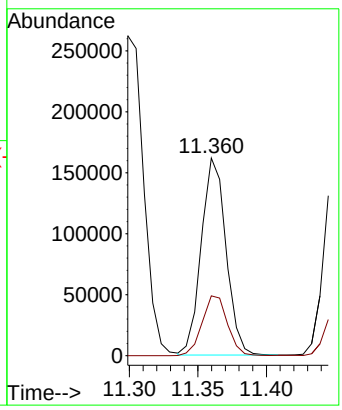
Tgt Ion: 91 Resp: 20350

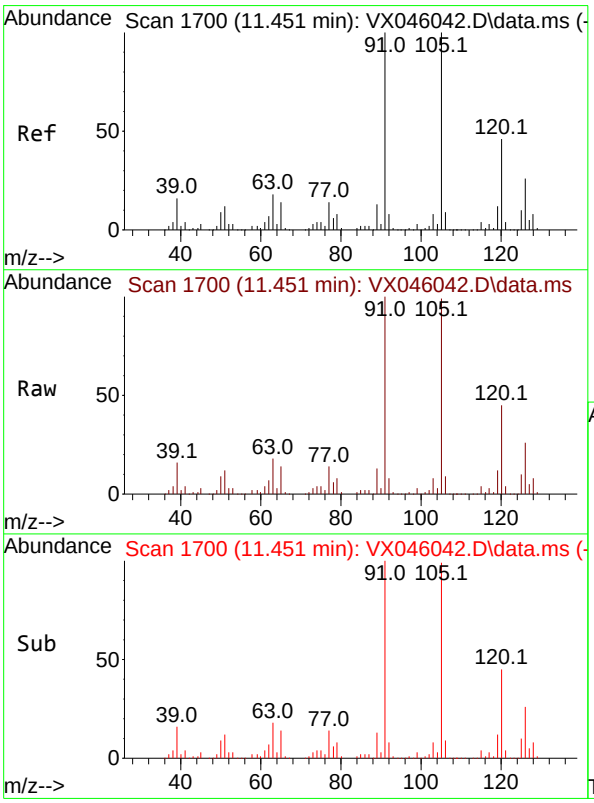
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

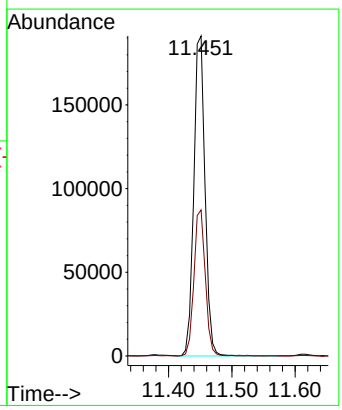


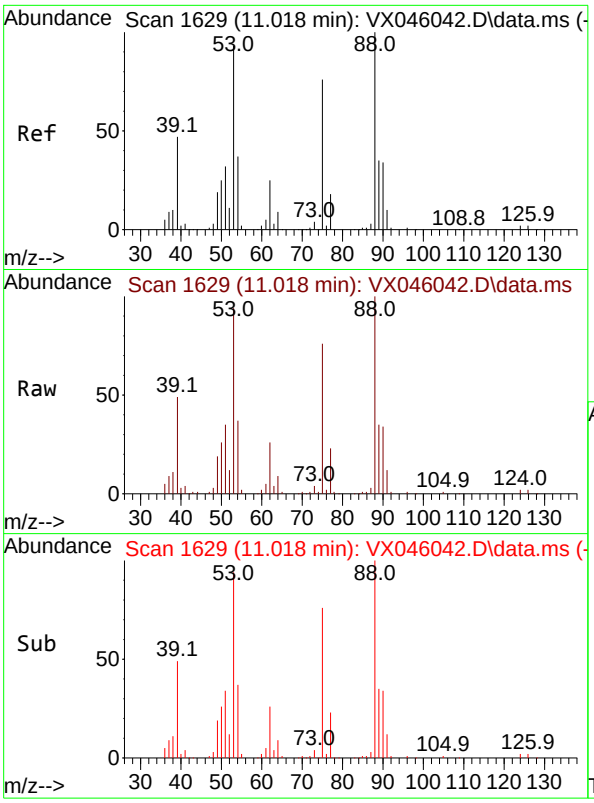


#80
1,3,5-Trimethylbenzene
Concen: 38.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:105 Resp: 237066

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 38.445 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

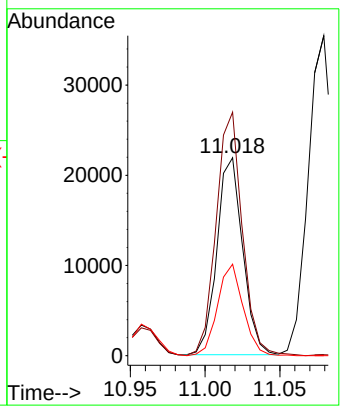
Tgt Ion: 75 Resp: 2617

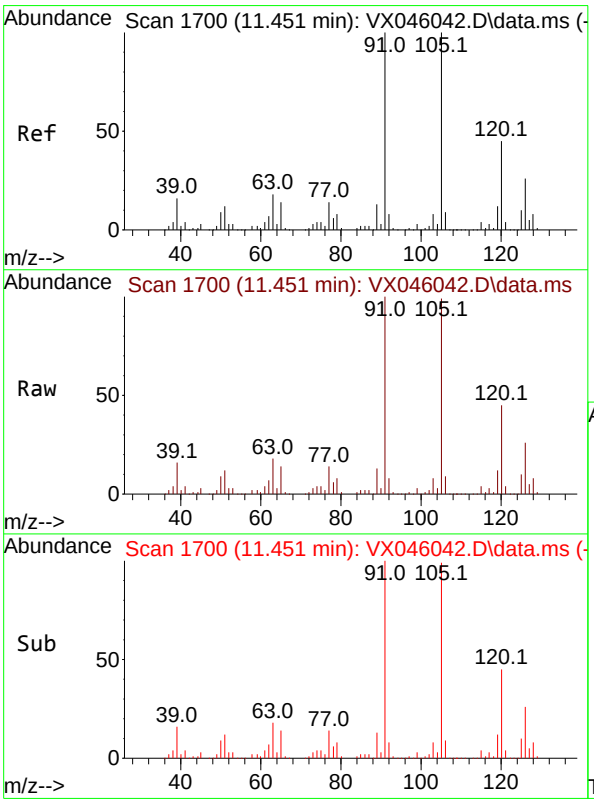
Ion	Ratio	Lower	Upper
75	100		
53	125.6	100.5	150.7
89	46.3	37.0	55.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

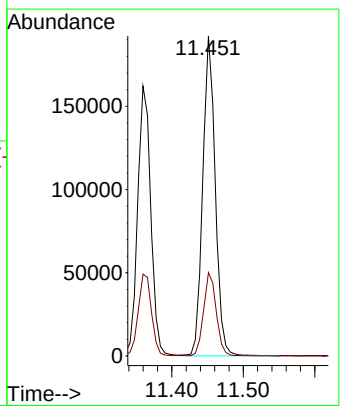


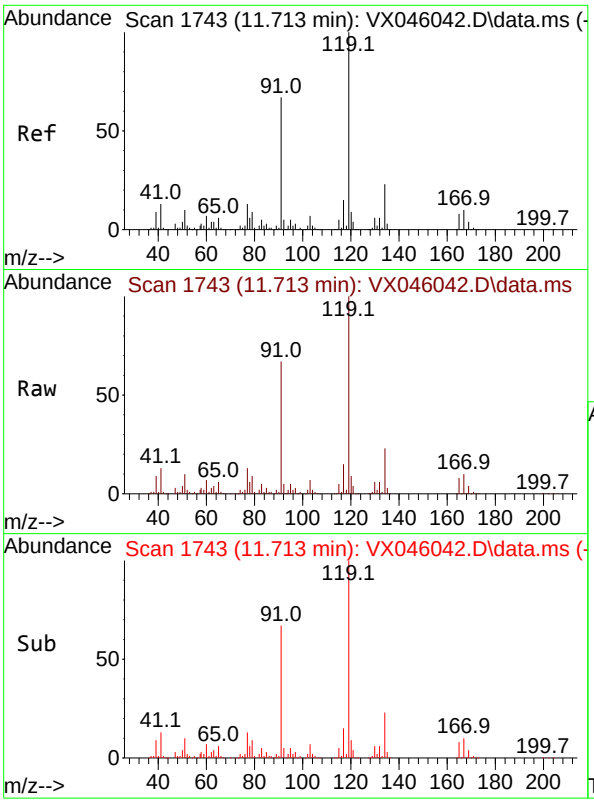


#82
4-Chlorotoluene
Concen: 37.880 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 233172

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8

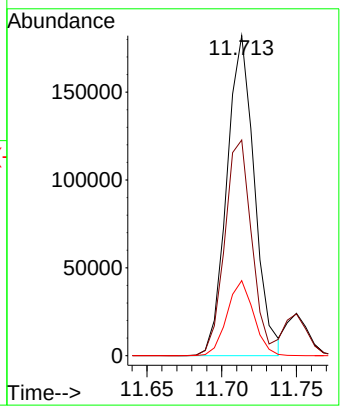




#83
tert-Butylbenzene
Concen: 38.622 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:119 Resp: 23346

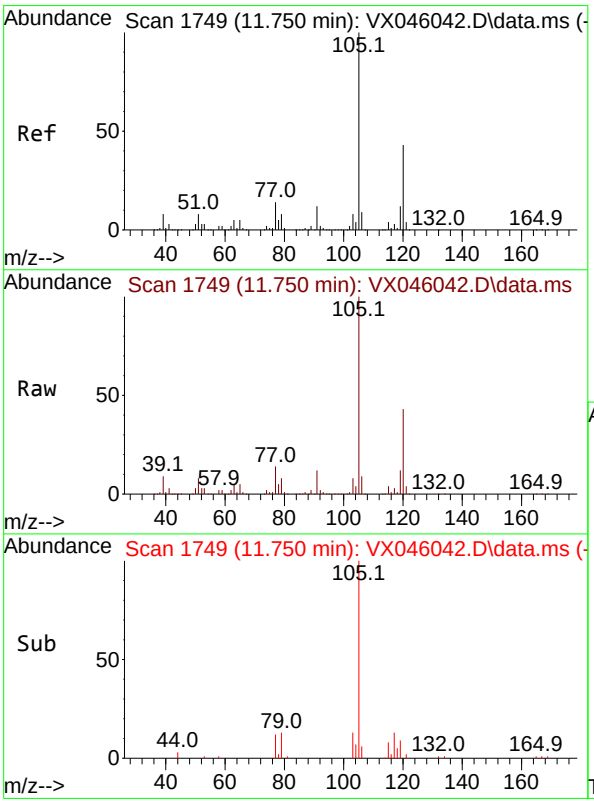
Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.9	98.7
134	22.7	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

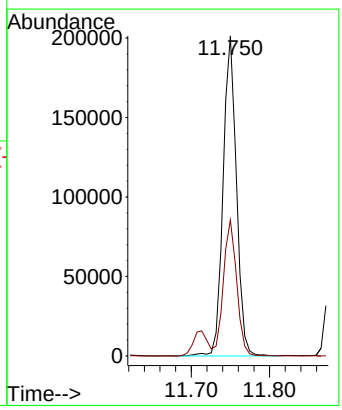
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

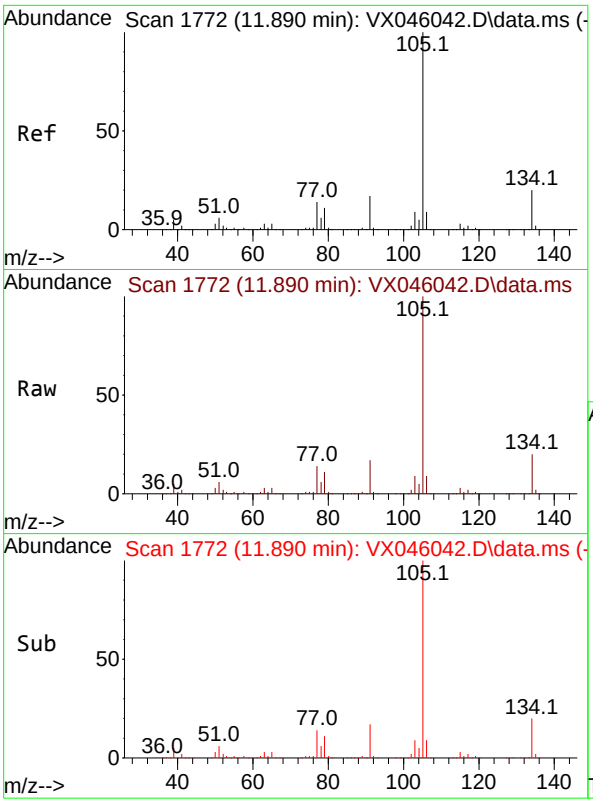


#84
1,2,4-Trimethylbenzene
Concen: 38.946 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:105 Resp: 239433

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6





#85
sec-Butylbenzene
Concen: 38.786 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

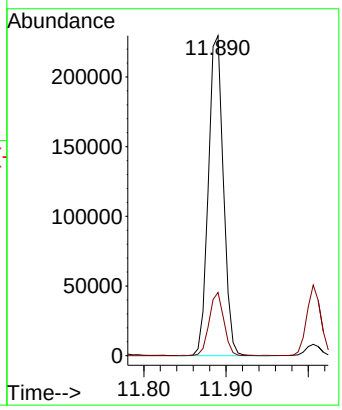
Tgt Ion:105 Resp: 29107

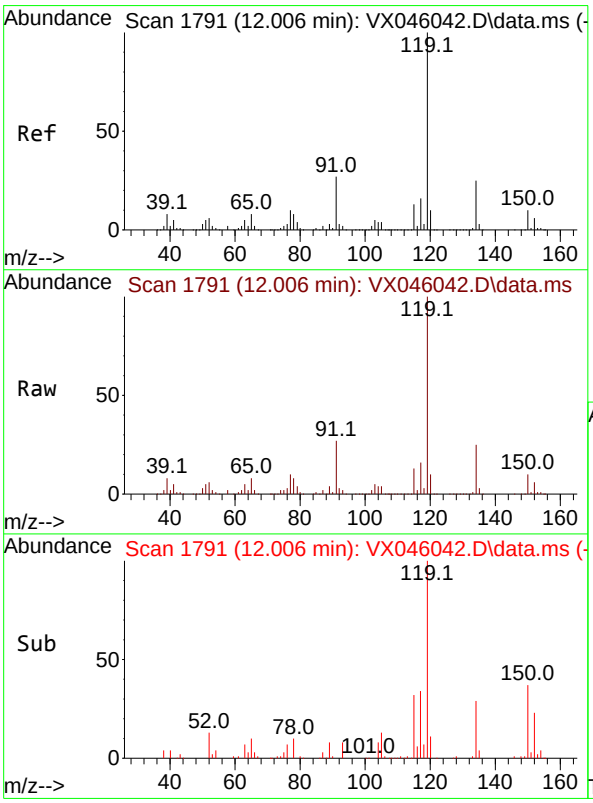
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

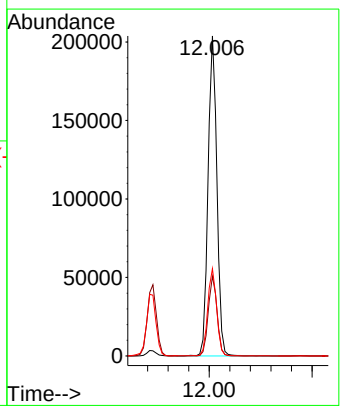


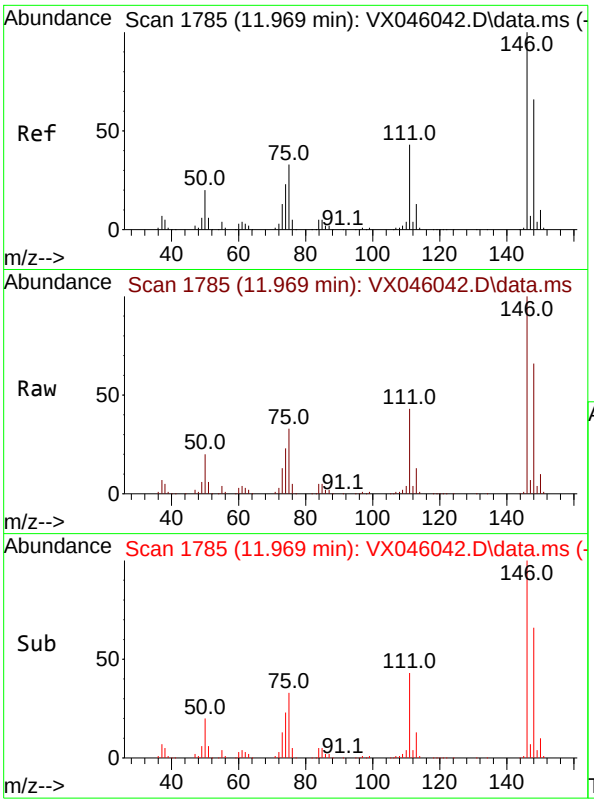


#86
p-Isopropyltoluene
Concen: 39.879 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:119 Resp: 241658

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.6	13.8	41.4

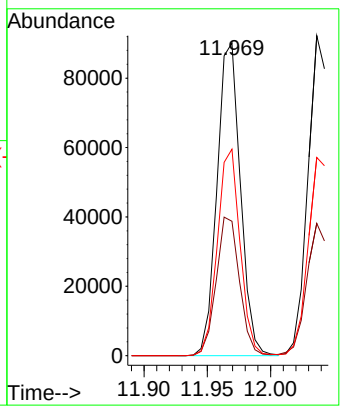




#87
1,3-Dichlorobenzene
Concen: 36.199 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:146 Resp: 11565

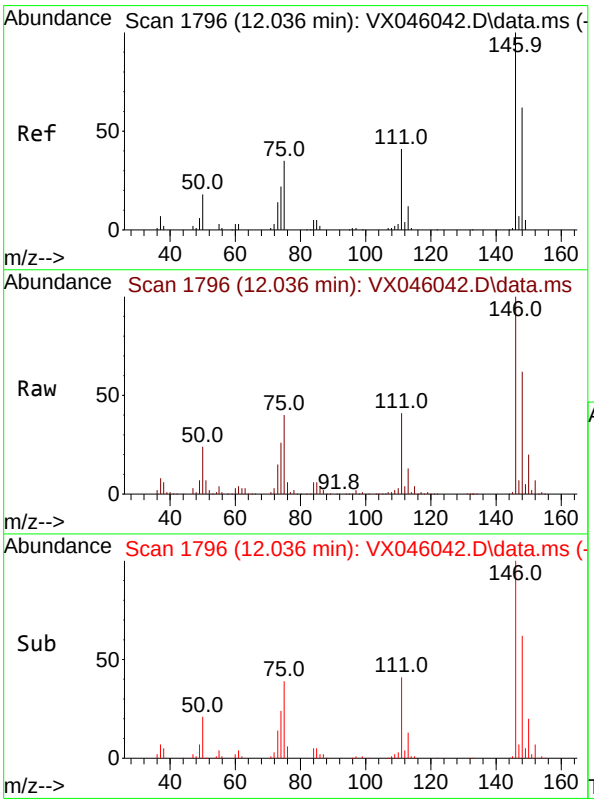
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.3
148	64.3	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

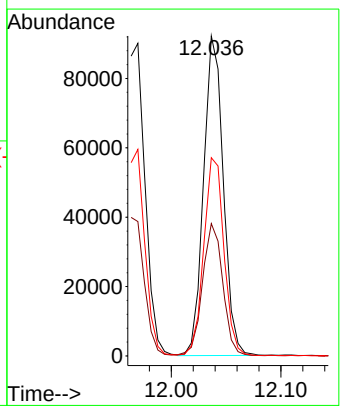
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

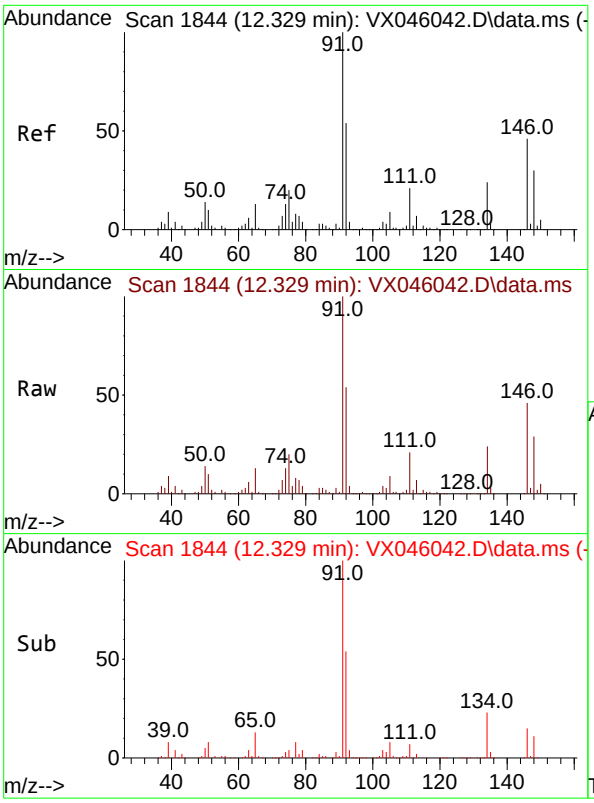


#88
1,4-Dichlorobenzene
Concen: 36.763 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:146 Resp: 115097

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.7	31.9	95.5

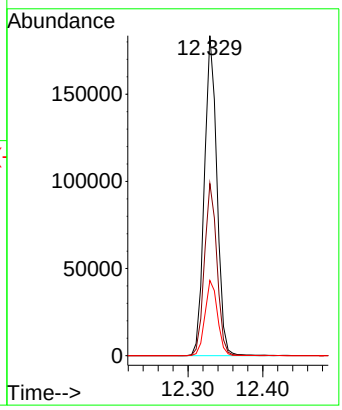




#89
n-Butylbenzene
Concen: 40.603 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 213899

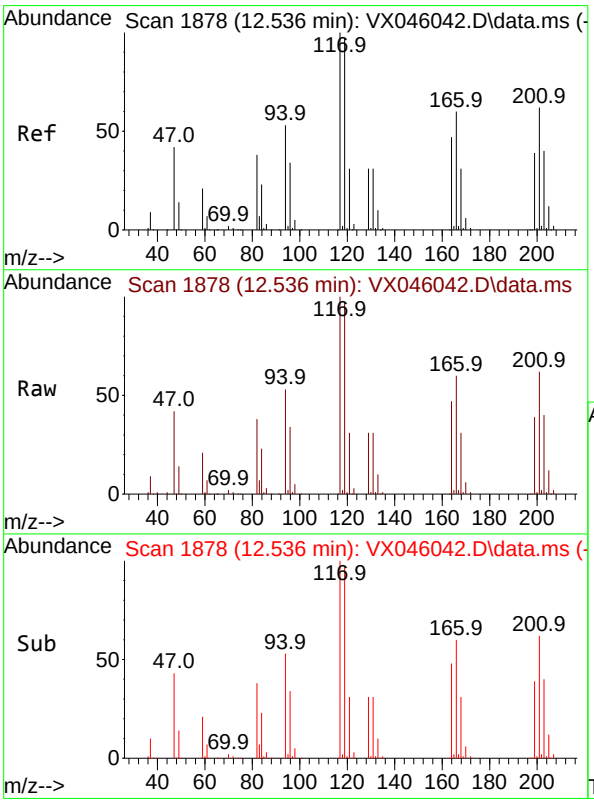
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	23.5	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

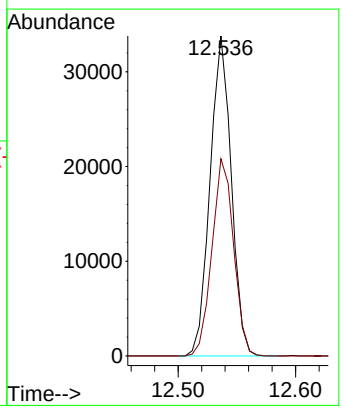
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

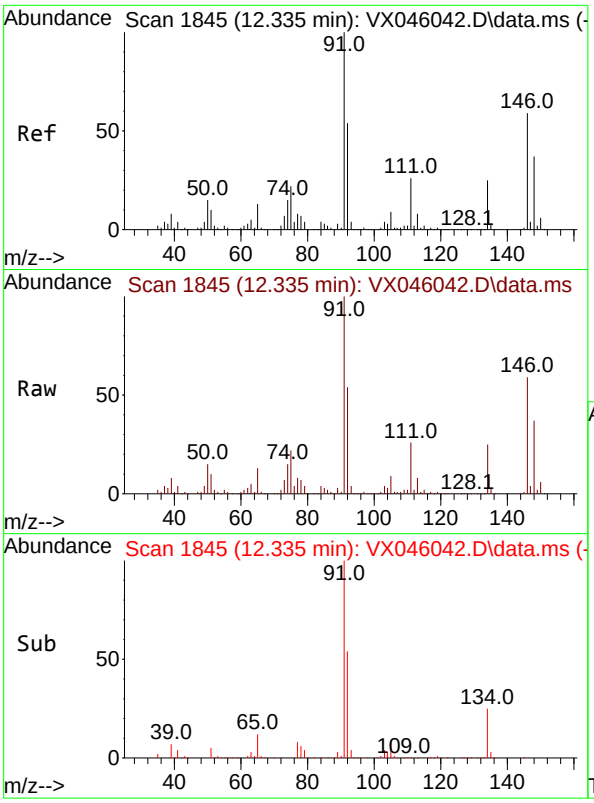


#90
Hexachloroethane
Concen: 37.534 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 42314

Ion	Ratio	Lower	Upper
117	100		
201	63.1	31.6	94.7

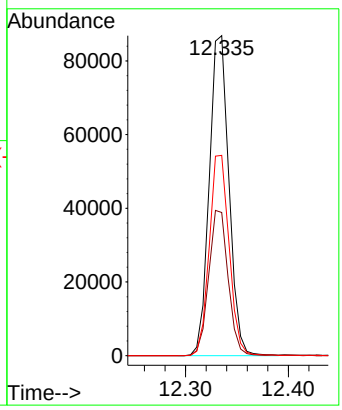




#91
1,2-Dichlorobenzene
Concen: 37.047 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:146 Resp: 11528

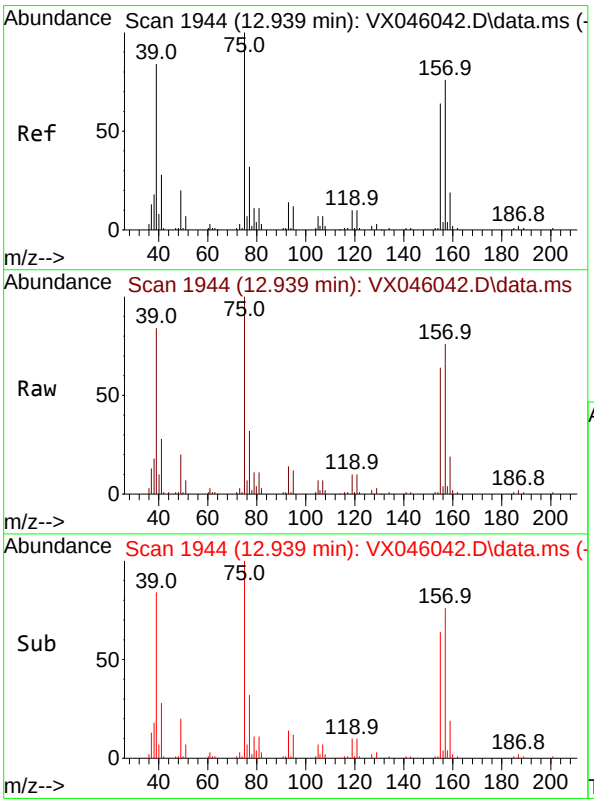
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.3
148	63.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

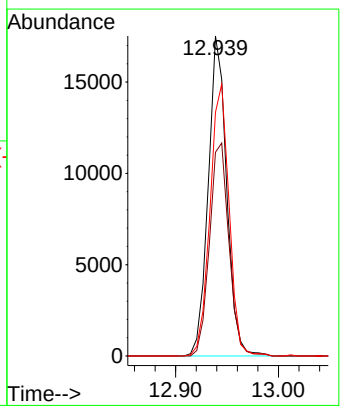
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

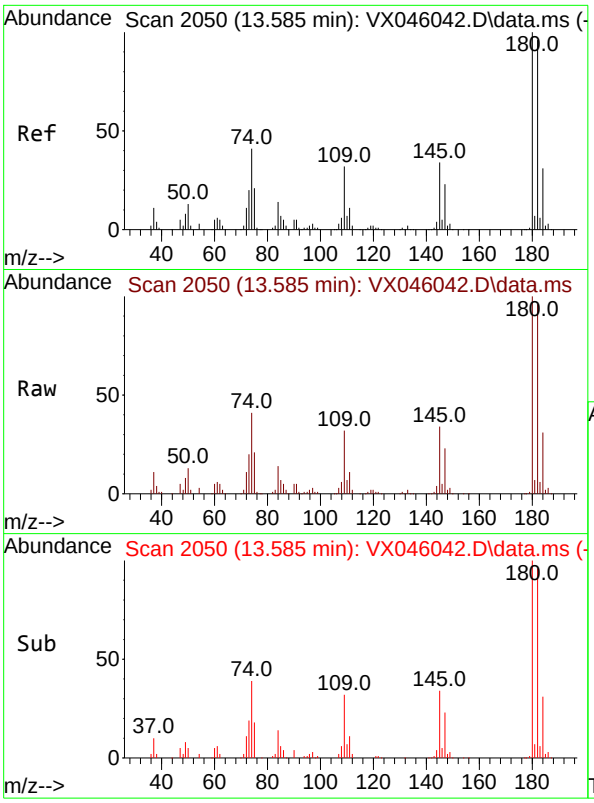


#92
1,2-Dibromo-3-Chloropropane
Concen: 36.496 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 21909

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	87.6	43.8	131.4

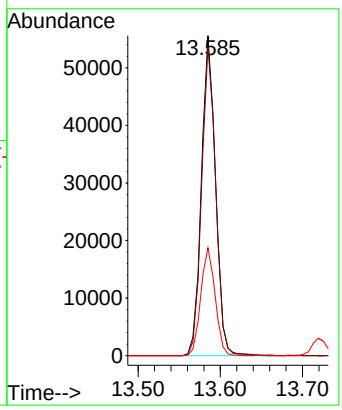




#93
1,2,4-Trichlorobenzene
Concen: 39.117 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:180 Resp: 6665

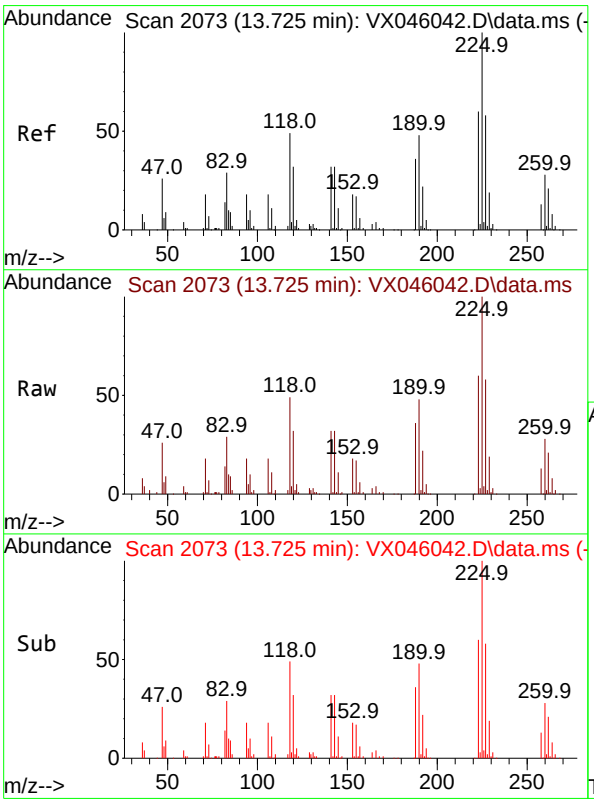
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	34.1	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

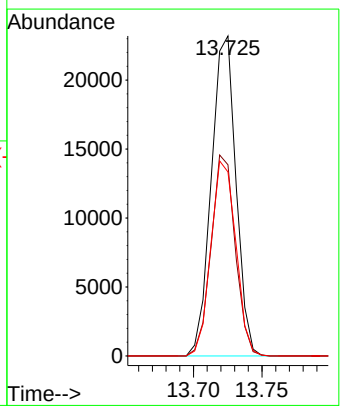
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

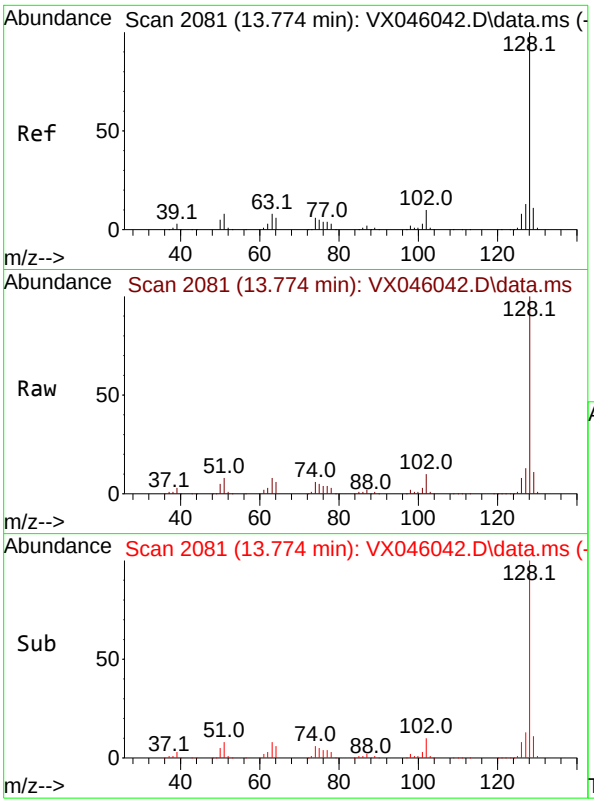


#94
Hexachlorobutadiene
Concen: 36.395 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:225 Resp: 29007

Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.4
227	61.8	30.9	92.7

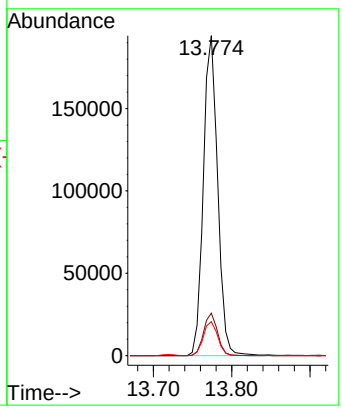




#95
Naphthalene
Concen: 39.575 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:128 Resp: 24556

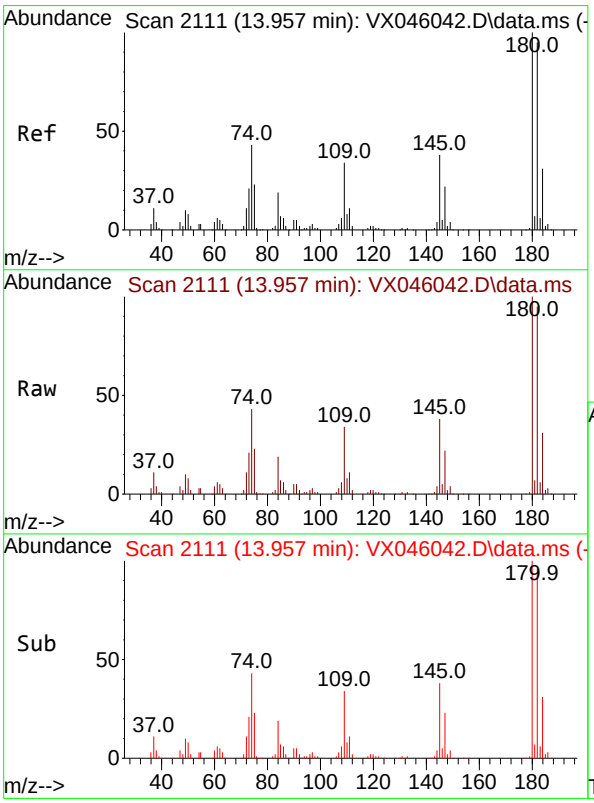
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

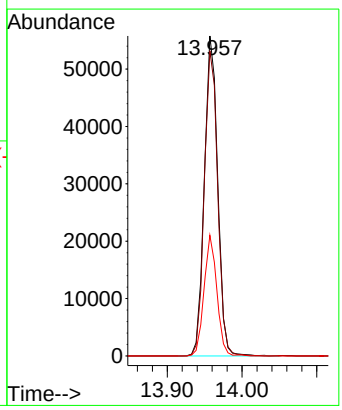
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 38.765 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:180 Resp: 69262

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	36.2	18.1	54.3



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161877	62.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.060%#			
35) Dibromofluoromethane	5.379	113	111455	65.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 130.020%#			
50) Toluene-d8	8.647	98	387230	67.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 134.060%#			
62) 4-Bromofluorobenzene	11.079	95	153085	72.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 145.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	149508	77.828	ug/l	99
3) Chloromethane	1.307	50	136937	72.392	ug/l	98
4) Vinyl Chloride	1.374	62	126609	76.398	ug/l	98
5) Bromomethane	1.593	94	59246	70.507	ug/l	99
6) Chloroethane	1.660	64	57332	67.148	ug/l	99
7) Trichlorofluoromethane	1.867	101	171042	67.754	ug/l	99
8) Diethyl Ether	2.136	74	58762	70.807	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	109520	72.604	ug/l	99
10) Methyl Iodide	2.440	142	138045	77.943	ug/l	100
11) Tert butyl alcohol	2.995	59	125094	405.394	ug/l	100
12) 1,1-Dichloroethene	2.306	96	105566	71.884	ug/l	96
13) Acrolein	2.239	56	134456	375.132	ug/l	99
14) Allyl chloride	2.660	41	206519	74.419	ug/l	98
15) Acrylonitrile	3.068	53	331142	358.723	ug/l	97
16) Acetone	2.386	43	314383	354.936	ug/l	98
17) Carbon Disulfide	2.501	76	264956	77.867	ug/l	100
18) Methyl Acetate	2.703	43	147014	69.531	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	378113	73.818	ug/l	100
20) Methylene Chloride	2.782	84	120270	67.030	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	106606	71.109	ug/l	99
22) Diisopropyl ether	3.763	45	399494	77.048	ug/l	90
23) Vinyl Acetate	3.721	43	1811550	395.363	ug/l	100
24) 1,1-Dichloroethane	3.605	63	219759	72.114	ug/l	99
25) 2-Butanone	4.556	43	485448	379.704	ug/l	100
26) 2,2-Dichloropropane	4.464	77	174579	75.621	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	128454	71.056	ug/l	99
28) Bromochloromethane	4.891	49	103602	63.932	ug/l	100
29) Tetrahydrofuran	5.001	42	305757	368.234	ug/l	99
30) Chloroform	5.086	83	222253	70.180	ug/l	95
31) Cyclohexane	5.458	56	196302	76.428	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	201112	73.635	ug/l	98
36) 1,1-Dichloropropene	5.690	75	147873	74.285	ug/l	99
37) Ethyl Acetate	4.714	43	186215	74.565	ug/l	99
38) Carbon Tetrachloride	5.672	117	168946	73.875	ug/l	99
39) Methylcyclohexane	7.372	83	191941	76.952	ug/l	96
40) Benzene	6.031	78	440885	71.457	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	104863	75.574	ug/l		98
42) 1,2-Dichloroethane	6.080	62	187036	73.318	ug/l		99
43) Isopropyl Acetate	6.342	43	300491	78.714	ug/l		100
44) Trichloroethene	7.123	130	105628	72.420	ug/l		98
45) 1,2-Dichloropropane	7.427	63	112554	73.420	ug/l		100
46) Dibromomethane	7.574	93	85728	70.938	ug/l		100
47) Bromodichloromethane	7.818	83	175301	74.845	ug/l		99
48) Methyl methacrylate	7.689	41	153093	78.101	ug/l		99
49) 1,4-Dioxane	7.659	88	57313	1470.687	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	963319	384.740	ug/l		100
52) Toluene	8.714	92	270763	74.010	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	169863	86.372	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	184134	80.264	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	107264	72.543	ug/l		99
56) Ethyl methacrylate	9.116	69	188717	82.359	ug/l		99
57) 1,3-Dichloropropane	9.305	76	187649	71.590	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	463169	449.791	ug/l		100
59) 2-Hexanone	9.433	43	729602	383.945	ug/l		100
60) Dibromochloromethane	9.518	129	127012	78.918	ug/l		98
61) 1,2-Dibromoethane	9.610	107	112669	74.200	ug/l		98
64) Tetrachloroethene	9.268	164	93195	67.493	ug/l		96
65) Chlorobenzene	10.079	112	293284	70.490	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	103177	74.349	ug/l		99
67) Ethyl Benzene	10.189	91	535122	75.444	ug/l		99
68) m/p-Xylenes	10.299	106	389935	152.181	ug/l		99
69) o-Xylene	10.640	106	190833	73.890	ug/l		97
70) Styrene	10.652	104	328195	79.411	ug/l		100
71) Bromoform	10.799	173	84353	80.927	ug/l	#	98
73) Isopropylbenzene	10.957	105	514528	71.083	ug/l		100
74) N-amyl acetate	10.841	43	274553	76.073	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	170481	66.207	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	150182m	54.277	ug/l		
77) Bromobenzene	11.195	156	117151	69.959	ug/l		99
78) n-propylbenzene	11.305	91	608332	74.974	ug/l		100
79) 2-Chlorotoluene	11.360	91	372392	68.100	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	432096	71.903	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	54398	81.820	ug/l		93
82) 4-Chlorotoluene	11.451	91	432053	71.890	ug/l		100
83) tert-Butylbenzene	11.713	119	432011	73.197	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	442728	73.758	ug/l		100
85) sec-Butylbenzene	11.890	105	543597	74.188	ug/l		100
86) p-Isopropyltoluene	12.006	119	457898	77.393	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	219753	70.449	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	217613	71.190	ug/l		99
89) n-Butylbenzene	12.329	91	416602	80.996	ug/l		100
90) Hexachloroethane	12.536	117	82528	74.978	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	216834	71.367	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43673	74.512	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	137430	82.605	ug/l		98
94) Hexachlorobutadiene	13.725	225	55494	71.314	ug/l		98
95) Naphthalene	13.774	128	489778	80.842	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	139525	79.981	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

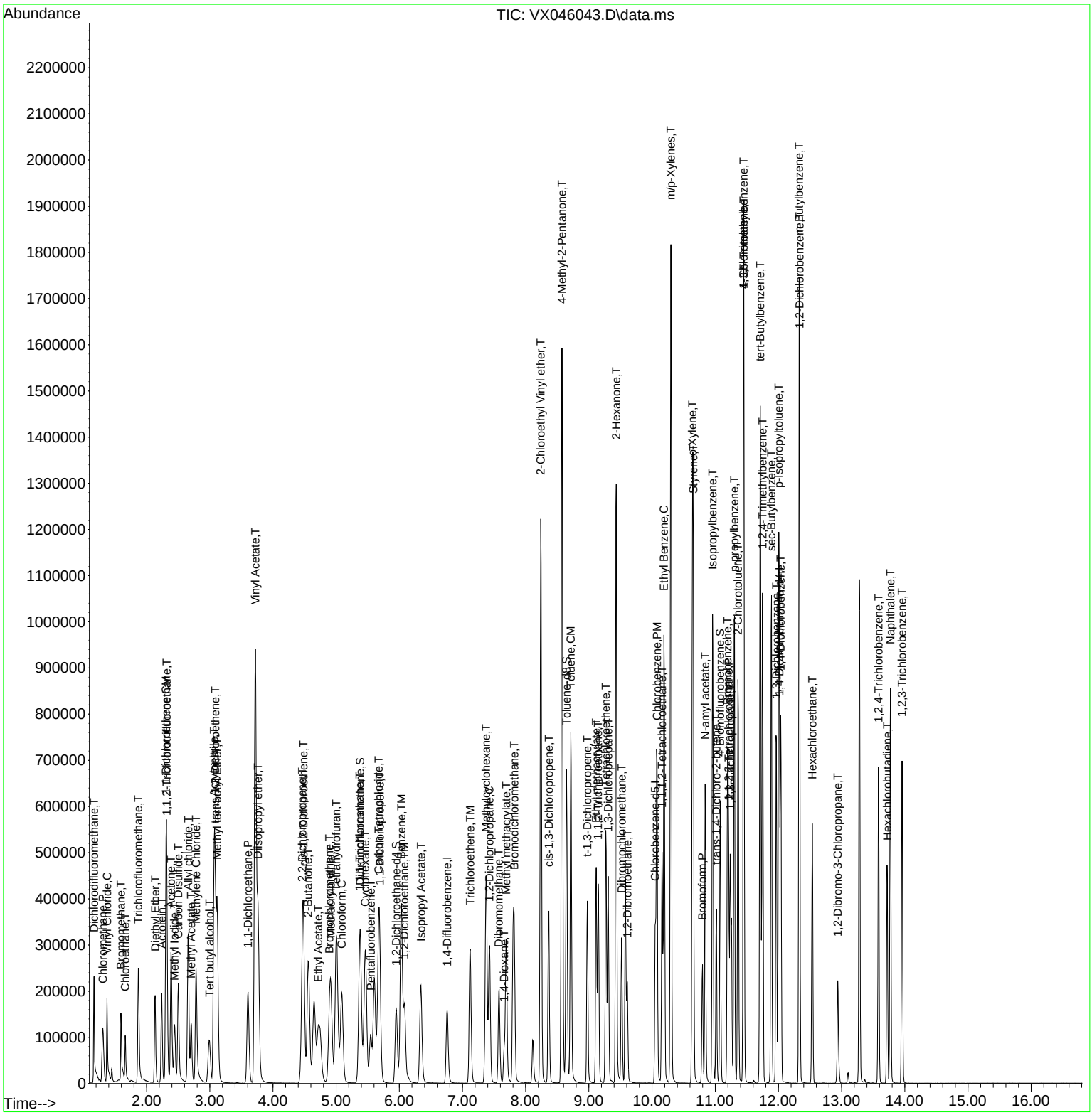
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Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

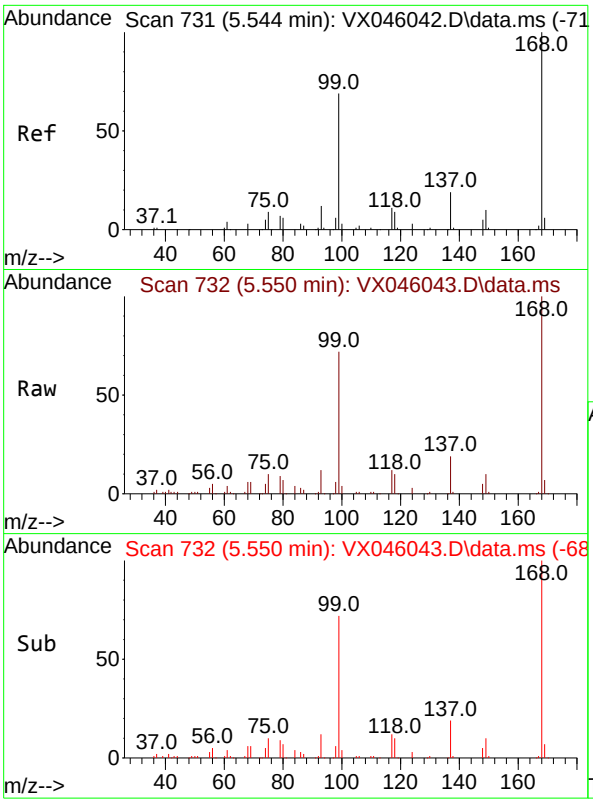
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QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

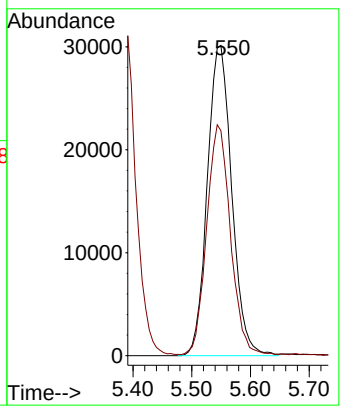




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:168 Resp: 8702

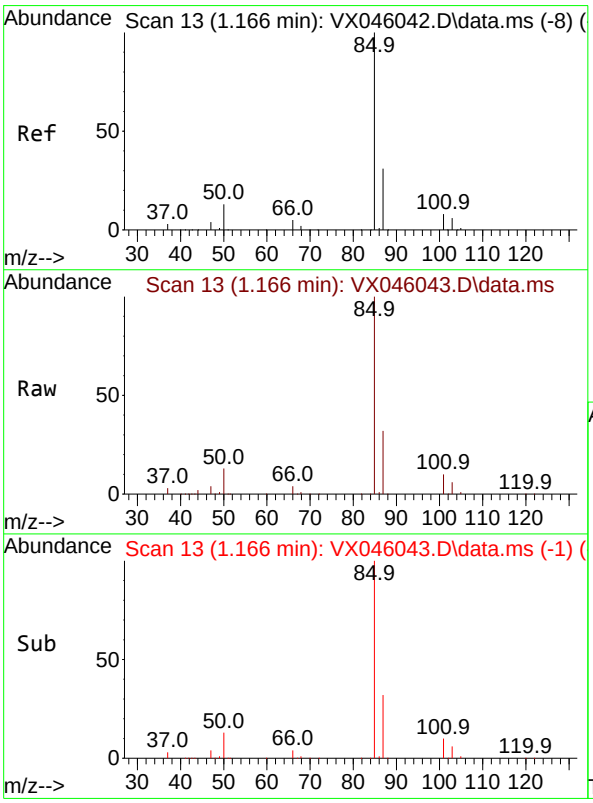
Ion	Ratio	Lower	Upper
168	100		
99	72.1	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

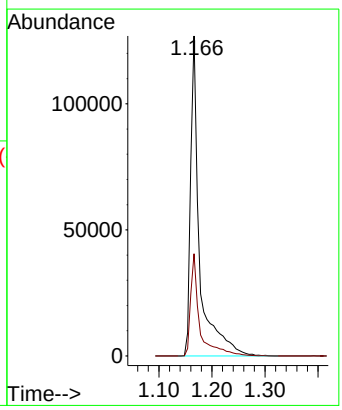
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

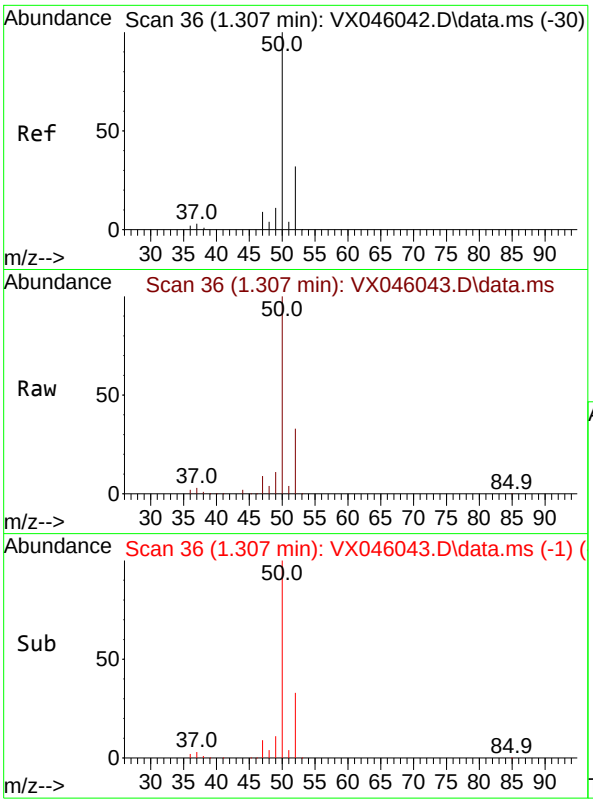


#2
Dichlorodifluoromethane
Concen: 77.828 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 85 Resp: 149508

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.7	47.1





#3
Chloromethane
Concen: 72.392 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

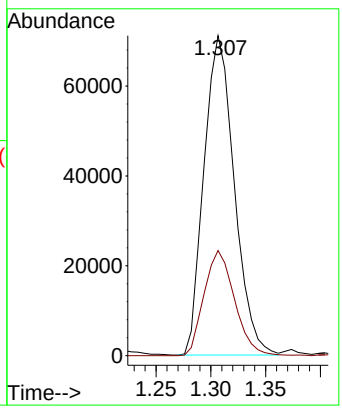
Tgt Ion: 50 Resp: 13693

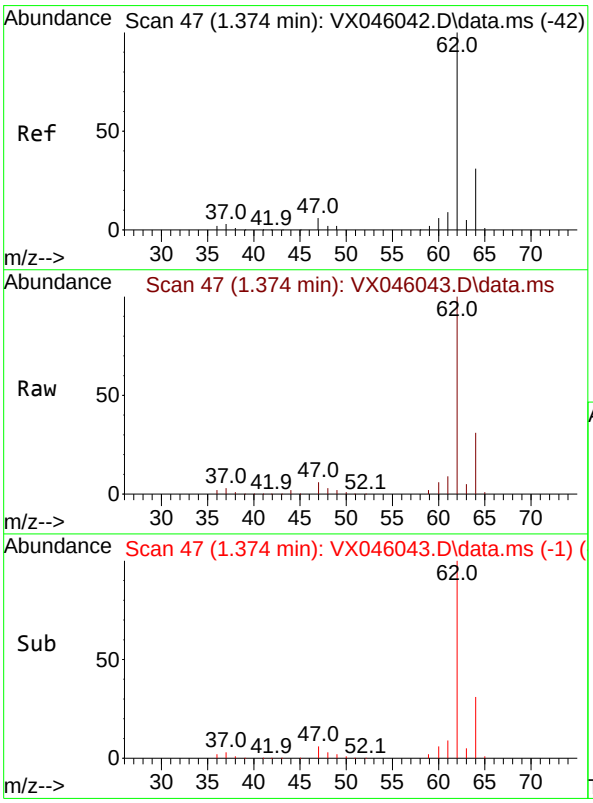
Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

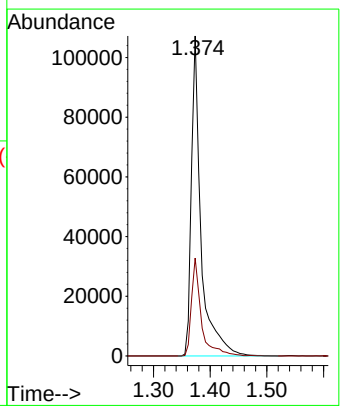


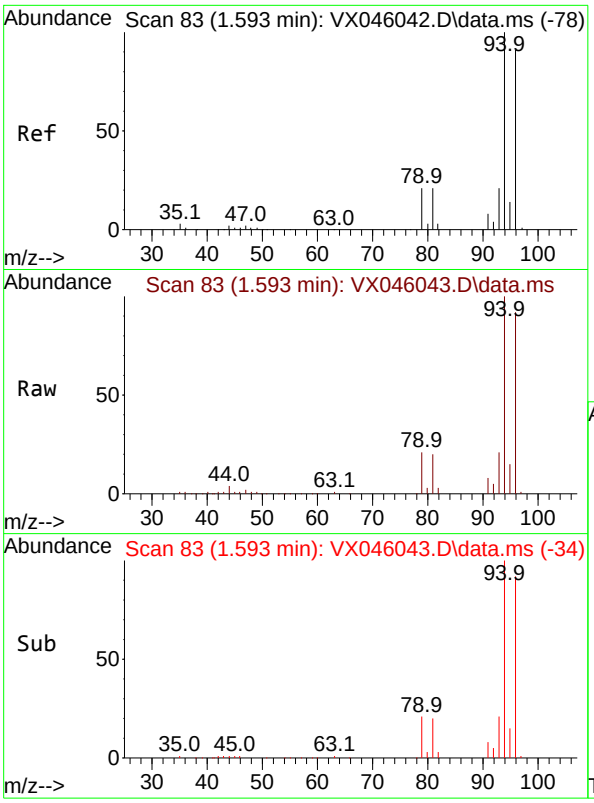


#4
Vinyl Chloride
Concen: 76.398 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 62 Resp: 126609

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.2	37.8

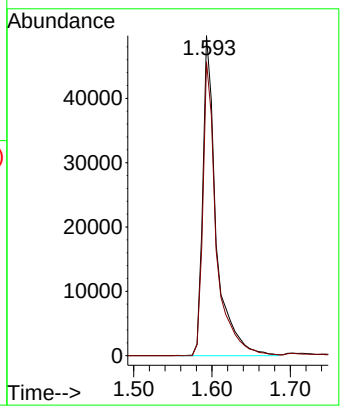




#5
Bromomethane
Concen: 70.507 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 94 Resp: 5924

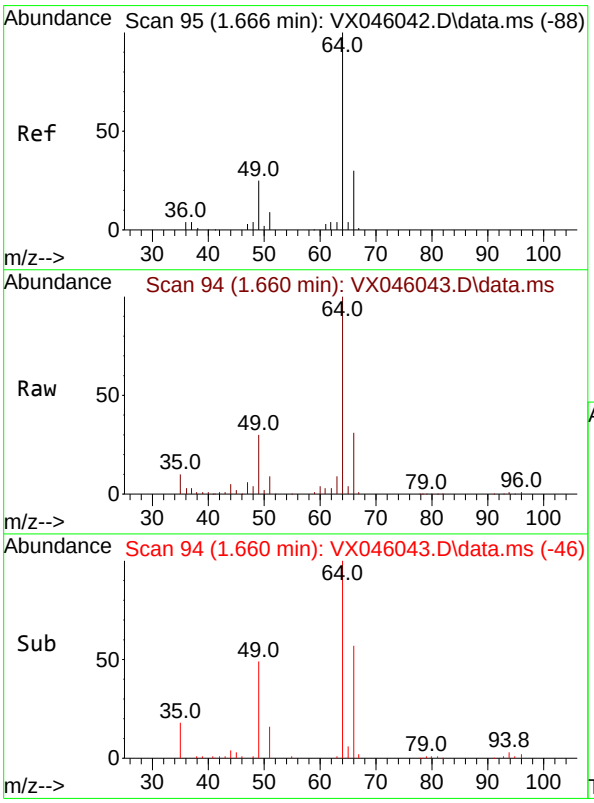
Ion	Ratio	Lower	Upper
94	100		
96	91.7	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

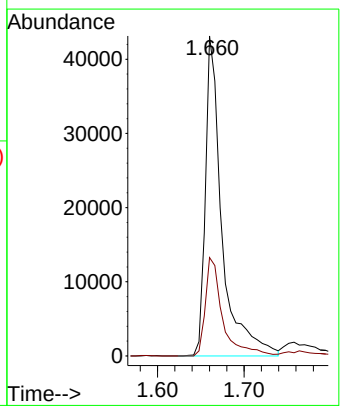
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

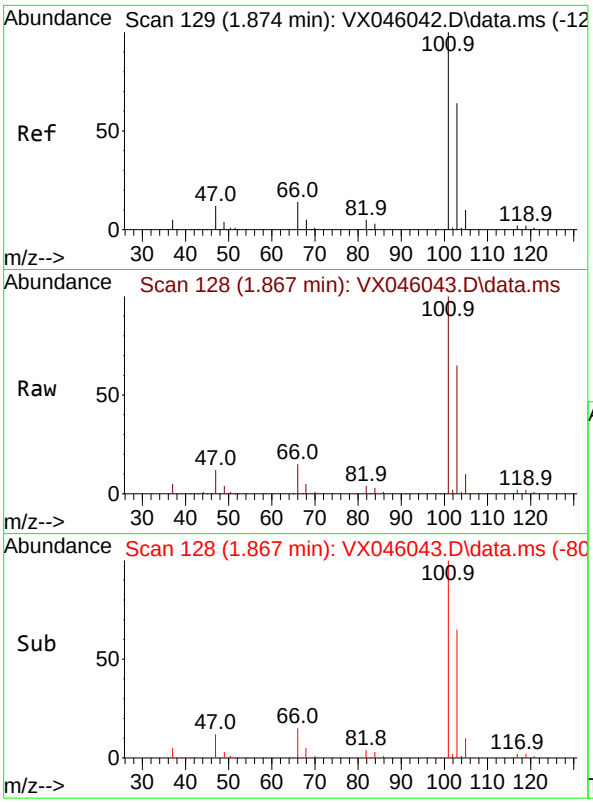


#6
Chloroethane
Concen: 67.148 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 64 Resp: 57332

Ion	Ratio	Lower	Upper
64	100		
66	30.8	24.3	36.5

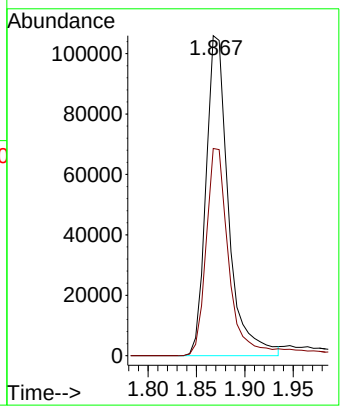




#7
Trichlorofluoromethane
Concen: 67.754 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:101 Resp: 17104

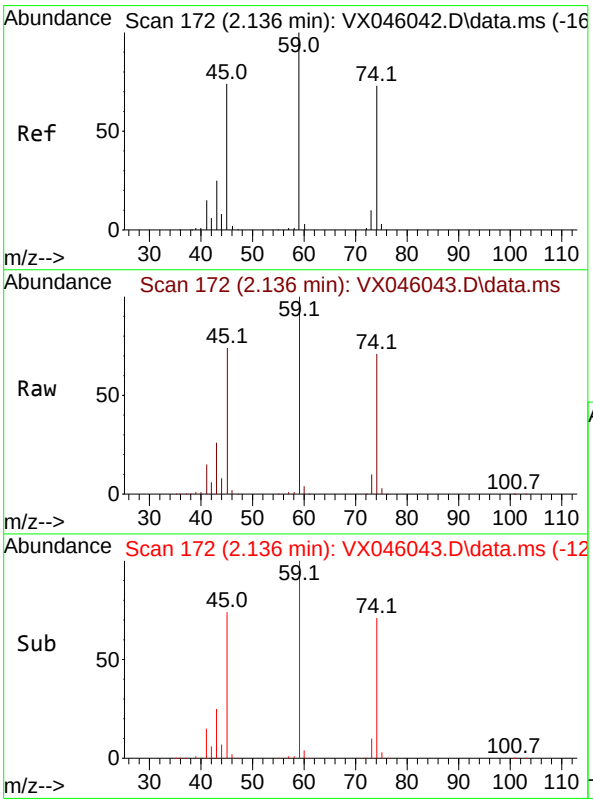
Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

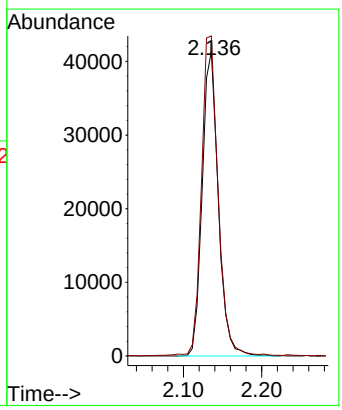
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

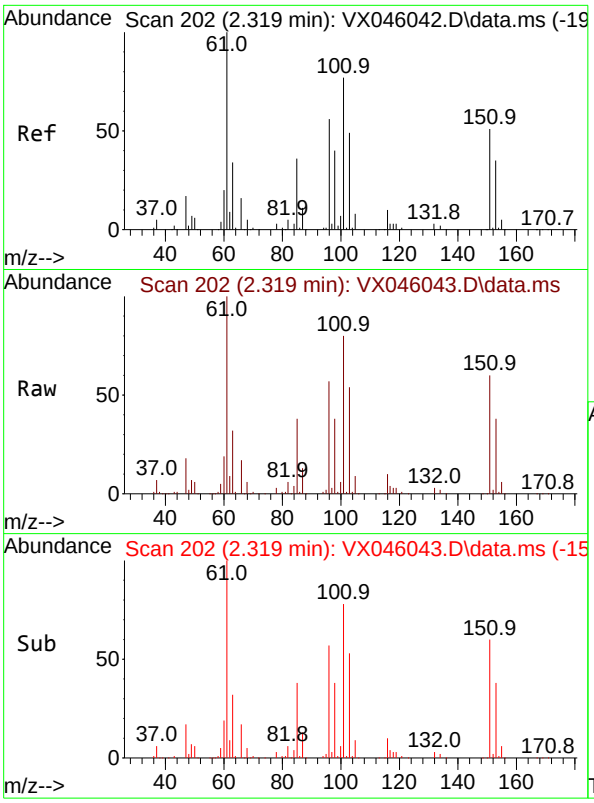


#8
Diethyl Ether
Concen: 70.807 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 74 Resp: 58762

Ion	Ratio	Lower	Upper
74	100		
45	110.1	54.9	164.8

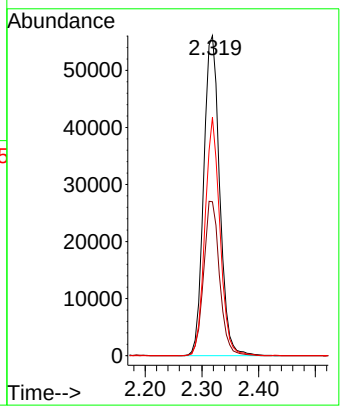




#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.604 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:101 Resp: 10952(

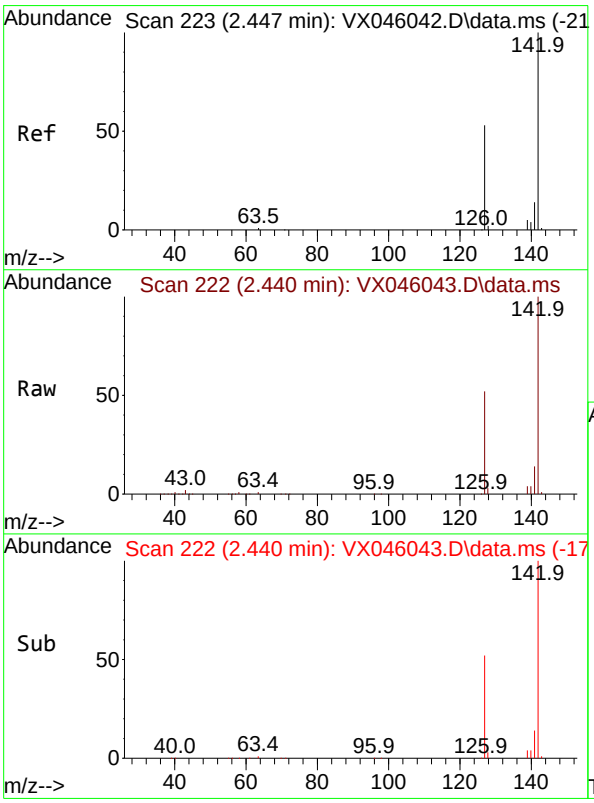
Ion	Ratio	Lower	Upper
101	100		
85	48.1	38.6	58.0
151	69.9	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

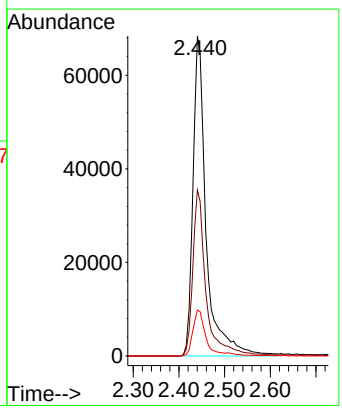
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

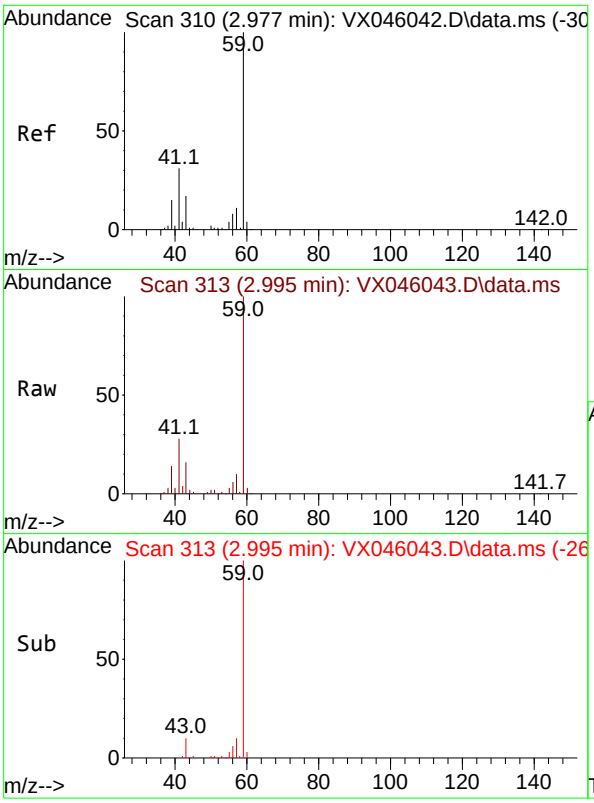


#10
Methyl Iodide
Concen: 77.943 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:142 Resp: 138045

Ion	Ratio	Lower	Upper
142	100		
127	52.0	41.7	62.5
141	14.5	11.5	17.3

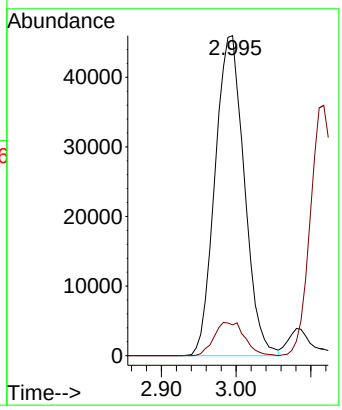




#11
Tert butyl alcohol
Concen: 405.394 ug/l
RT: 2.995 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 59 Resp: 12509

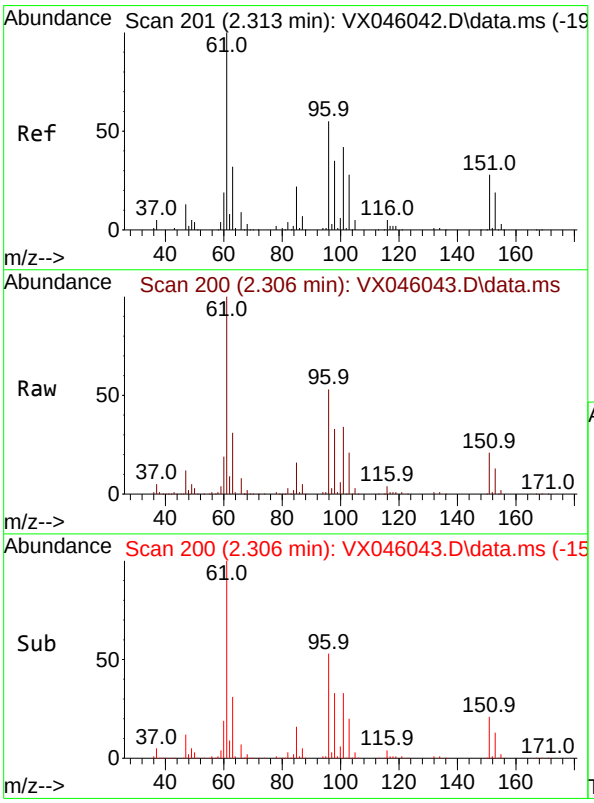
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

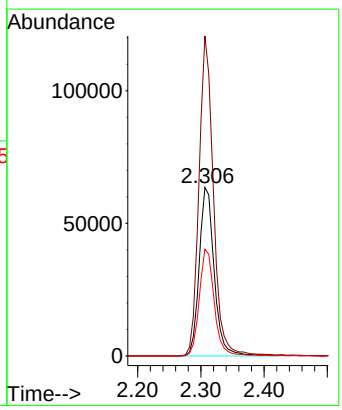
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

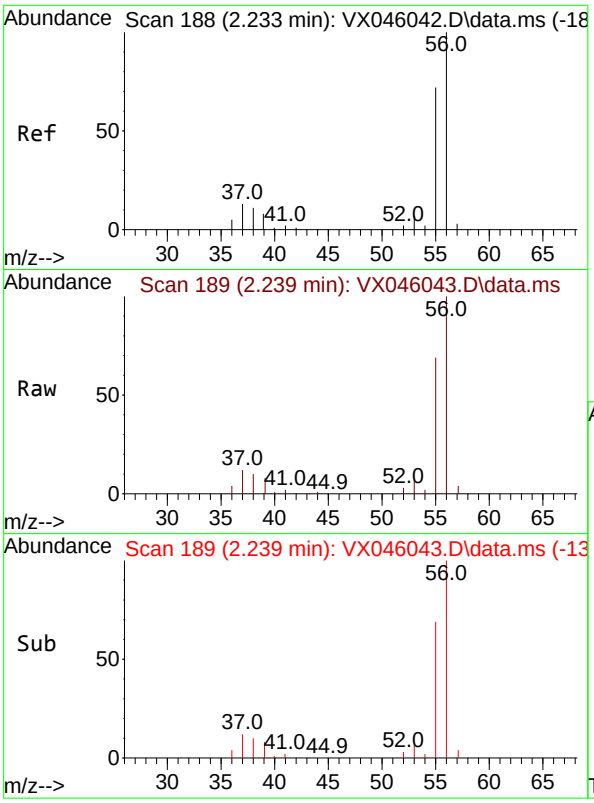


#12
1,1-Dichloroethene
Concen: 71.884 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 96 Resp: 105566

Ion	Ratio	Lower	Upper
96	100		
61	189.9	146.2	219.2
98	63.3	51.0	76.6

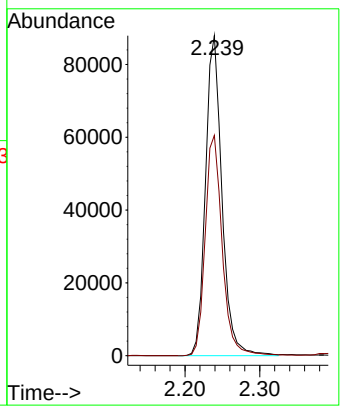




#13
Acrolein
Concen: 375.132 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 56 Resp: 13445

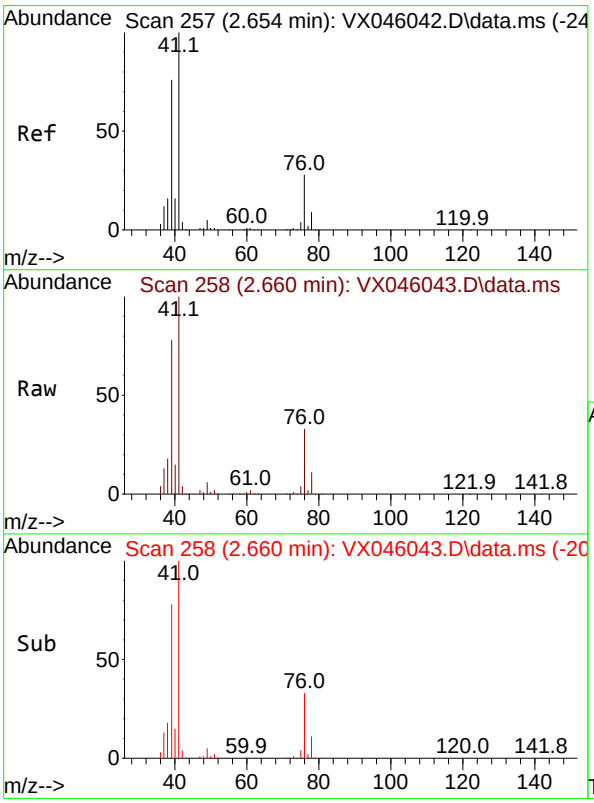
Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

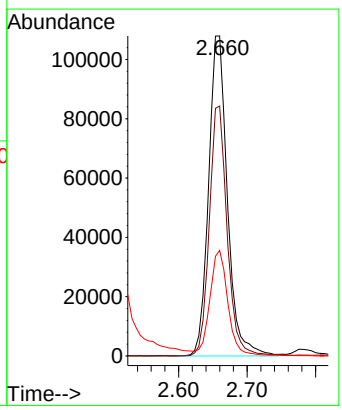
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

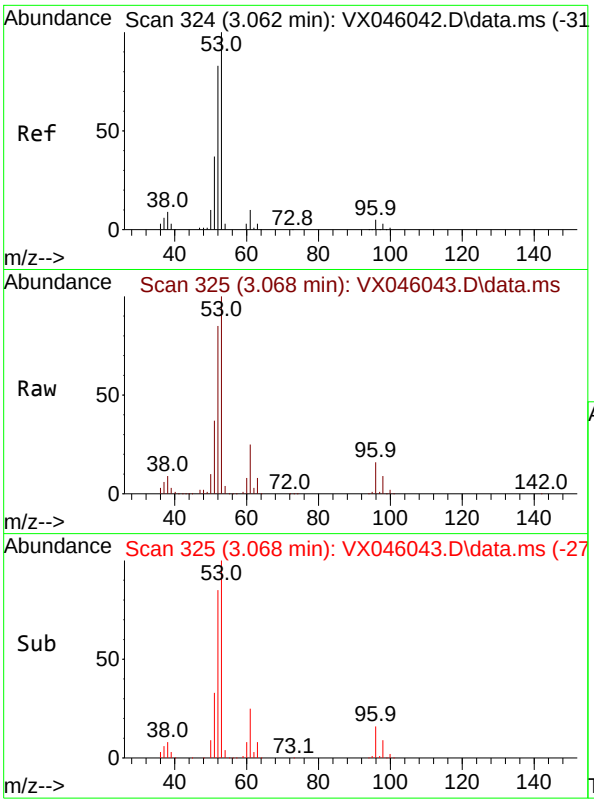


#14
Allyl chloride
Concen: 74.419 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 41 Resp: 206519

Ion	Ratio	Lower	Upper
41	100		
39	73.8	60.6	90.8
76	31.4	24.9	37.3

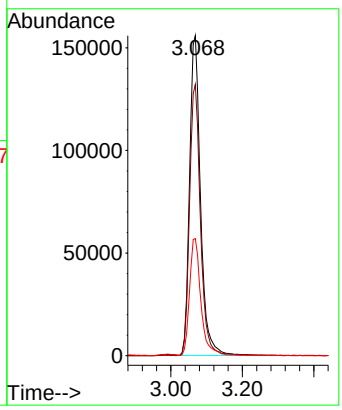




#15
Acrylonitrile
Concen: 358.723 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 53 Resp: 33114

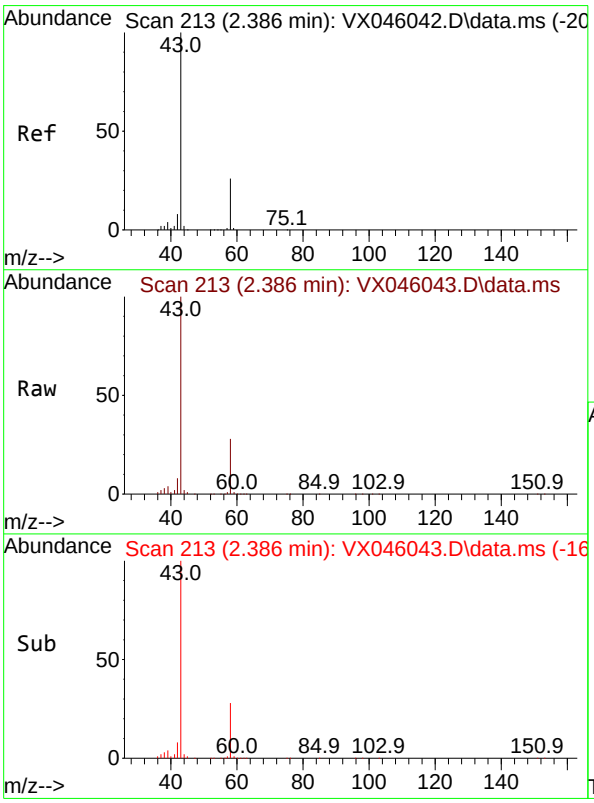
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.3	97.9
51	37.9	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

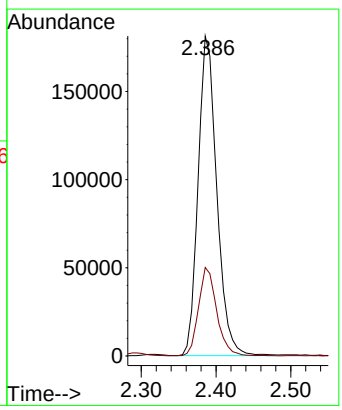
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

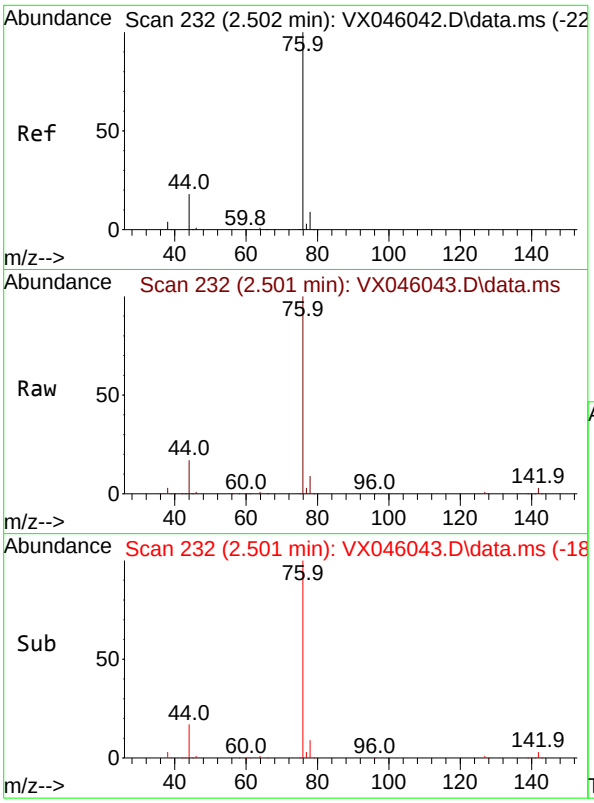


#16
Acetone
Concen: 354.936 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 314383

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8

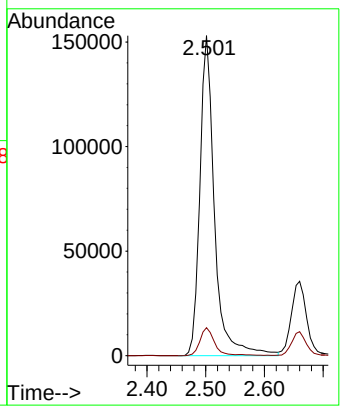




#17
Carbon Disulfide
Concen: 77.867 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 76 Resp: 26495

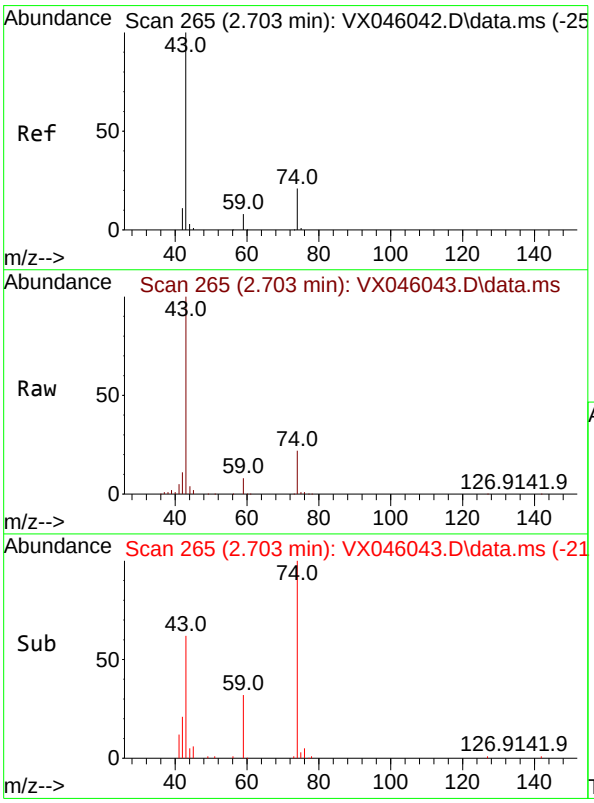
Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

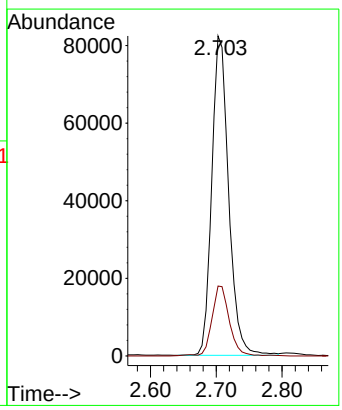
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

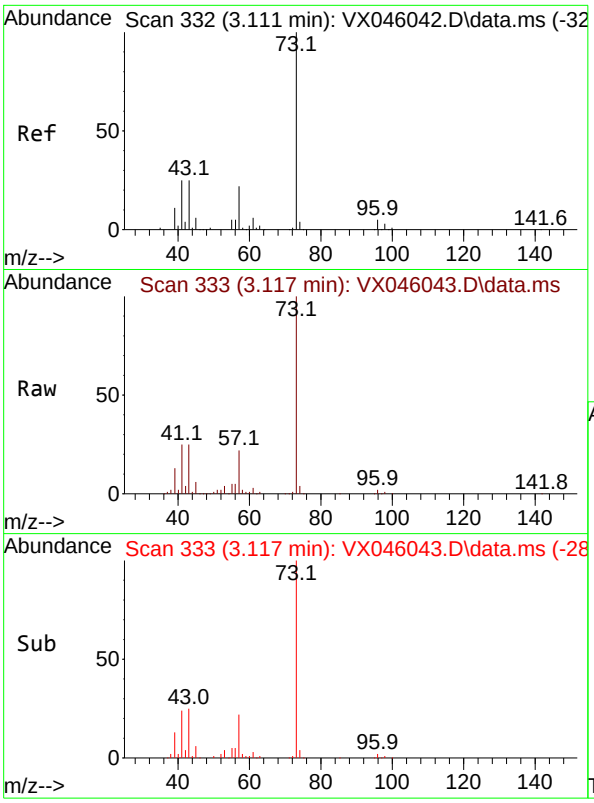


#18
Methyl Acetate
Concen: 69.531 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 147014

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.7	25.1

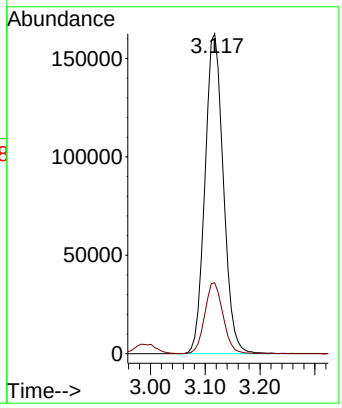




#19
Methyl tert-butyl Ether
Concen: 73.818 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 73 Resp: 37811

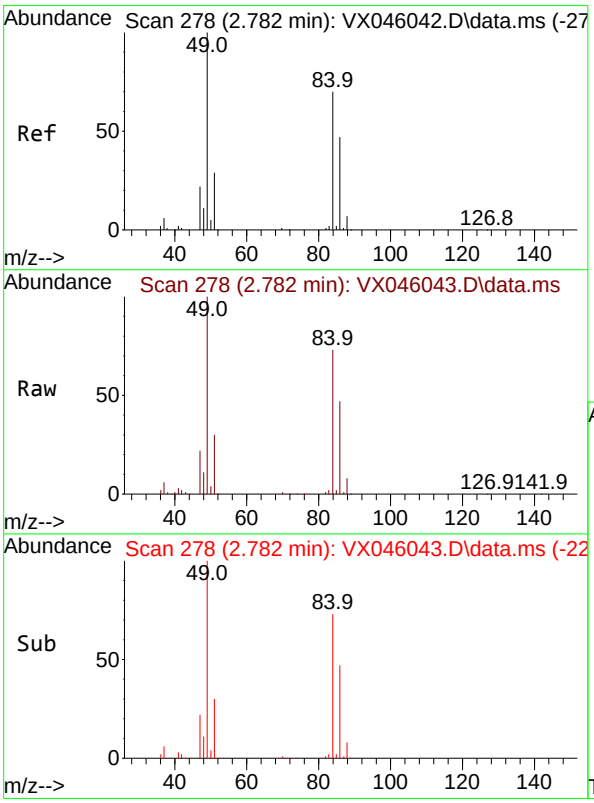
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

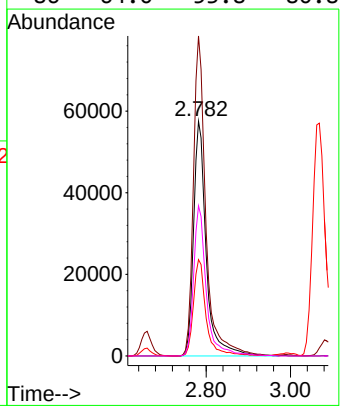
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

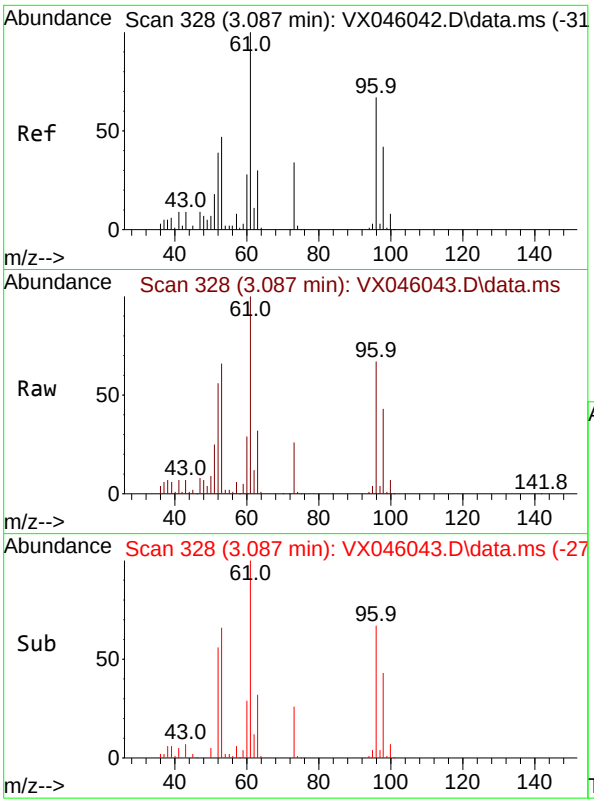


#20
Methylene Chloride
Concen: 67.030 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 84 Resp: 120270

Ion	Ratio	Lower	Upper
84	100		
49	136.4	113.9	170.9
51	41.1	33.5	50.3
86	64.0	53.8	80.8





#21
trans-1,2-Dichloroethene
Concen: 71.109 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

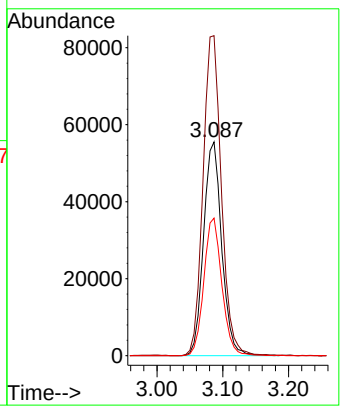
Tgt Ion: 96 Resp: 10660

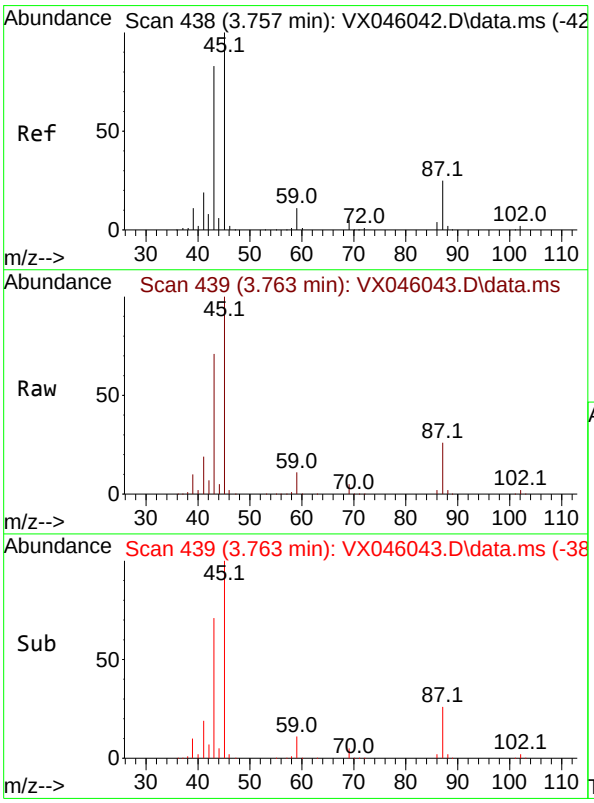
Ion	Ratio	Lower	Upper
96	100		
61	149.7	119.5	179.3
98	64.4	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

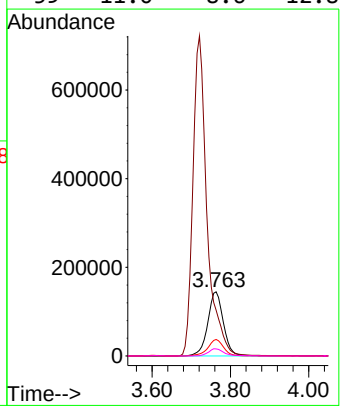


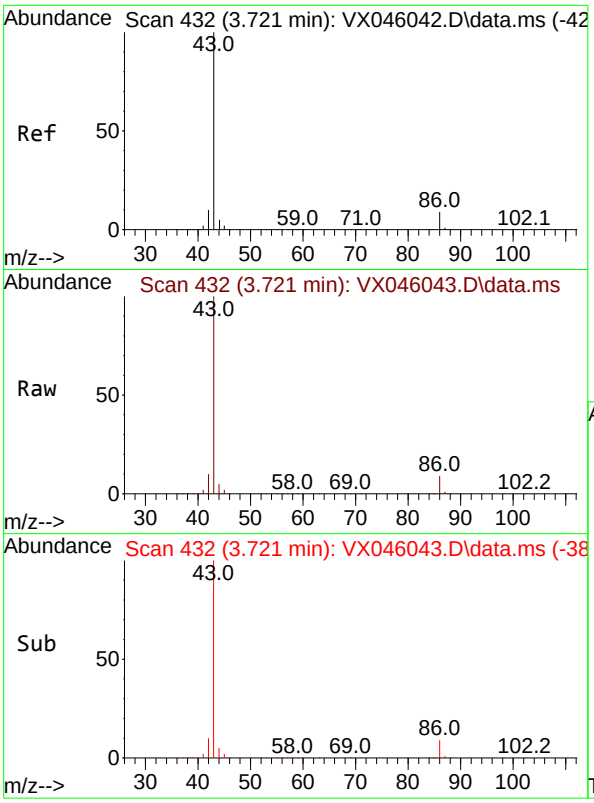


#22
Diisopropyl ether
Concen: 77.048 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 45 Resp: 399494

Ion	Ratio	Lower	Upper
45	100		
43	71.2	66.6	100.0
87	25.7	19.8	29.6
59	11.0	8.6	12.8

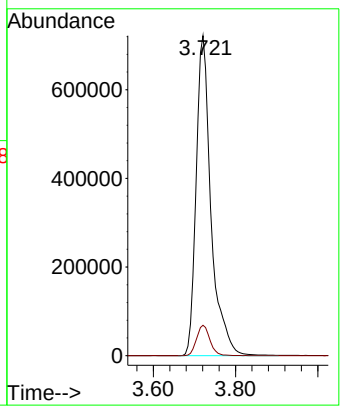




#23
Vinyl Acetate
Concen: 395.363 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 181155

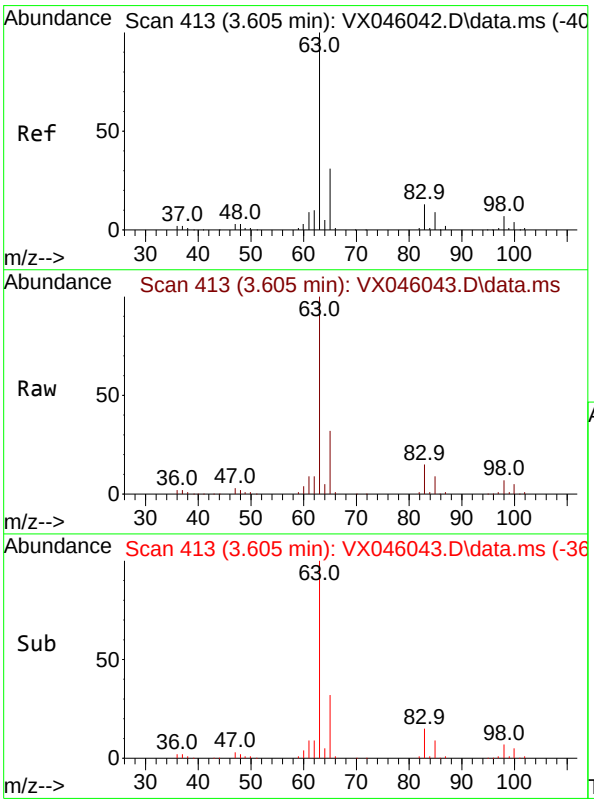
Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

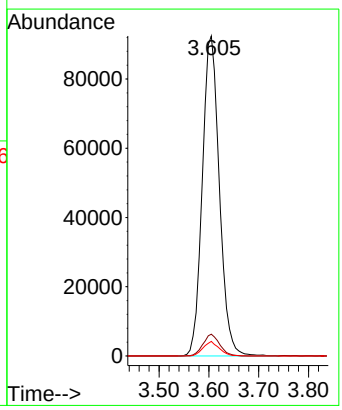
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

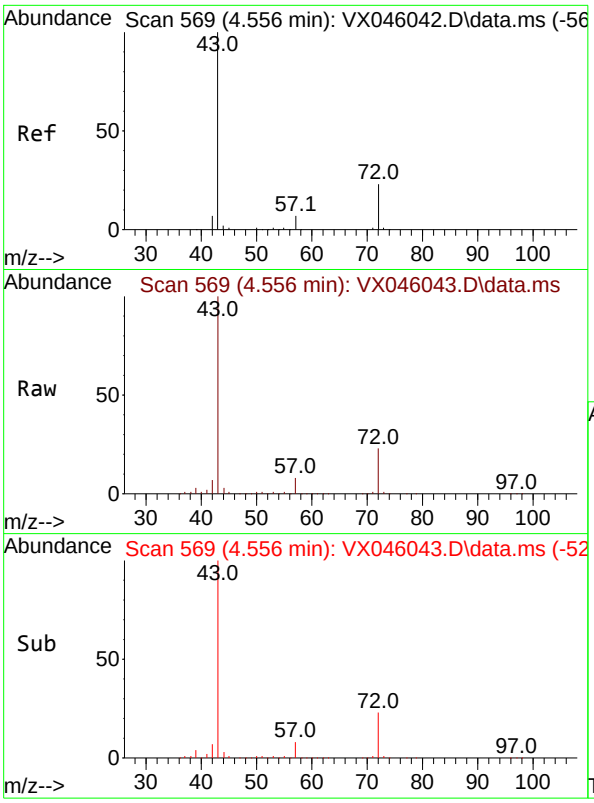


#24
1,1-Dichloroethane
Concen: 72.114 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 219759

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.6	10.8
100	4.5	2.1	6.3

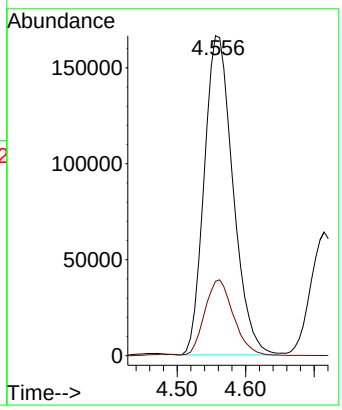




#25
2-Butanone
Concen: 379.704 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 48544

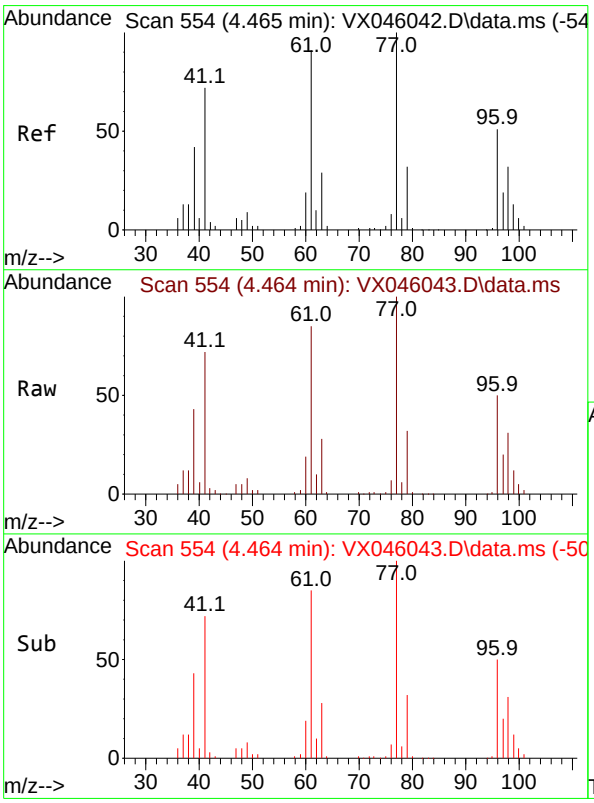
Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

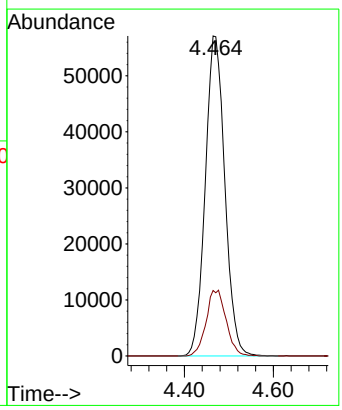
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

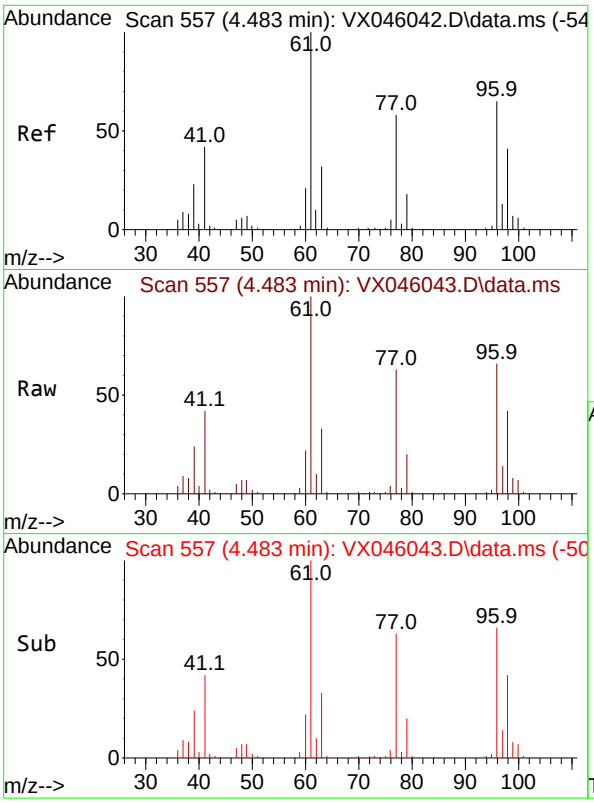


#26
2,2-Dichloropropane
Concen: 75.621 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 77 Resp: 174579

Ion	Ratio	Lower	Upper
77	100		
97	21.1	10.5	31.5

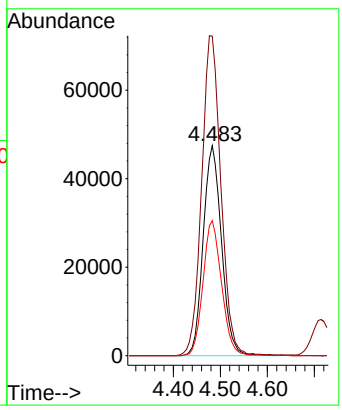




#27
cis-1,2-Dichloroethene
Concen: 71.056 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 96 Resp: 12845

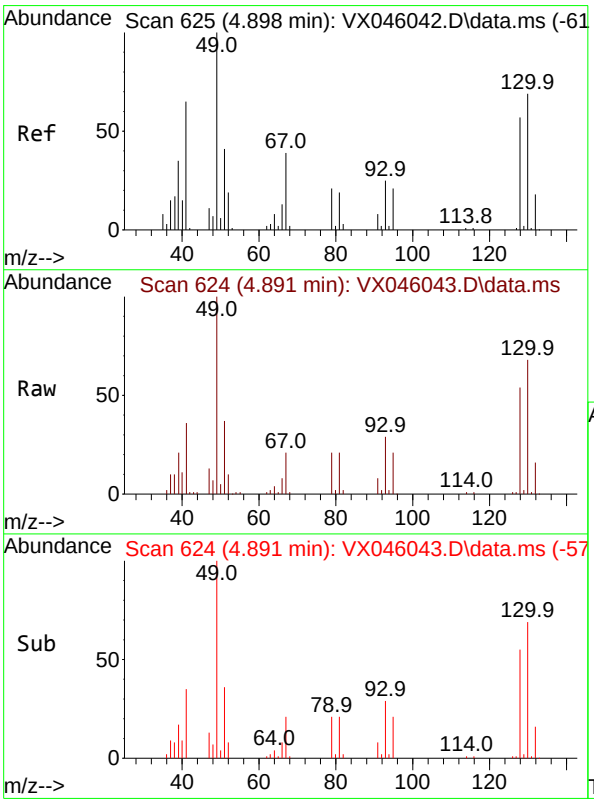
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	322.8
98	64.9	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

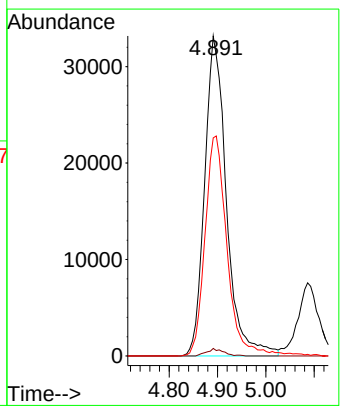
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

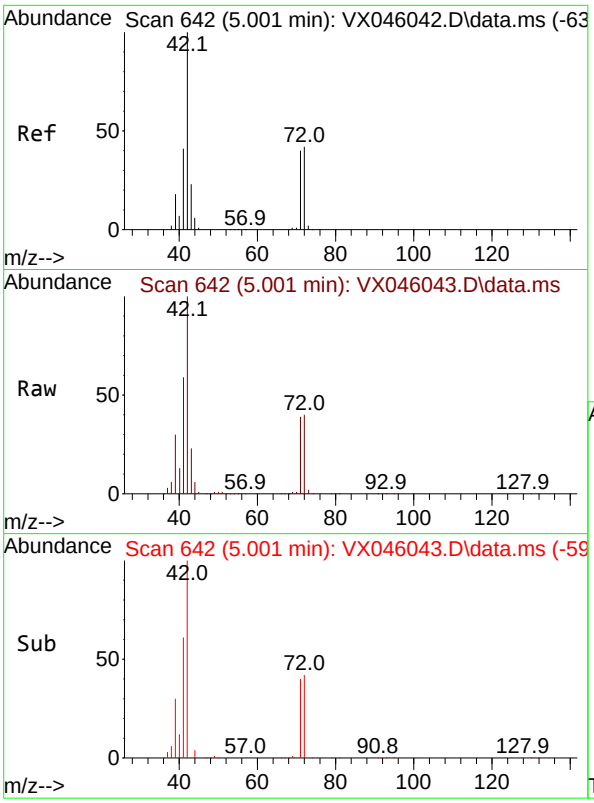


#28
Bromochloromethane
Concen: 63.932 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 49 Resp: 103602

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.1	56.2	84.2





#29
Tetrahydrofuran
Concen: 368.234 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

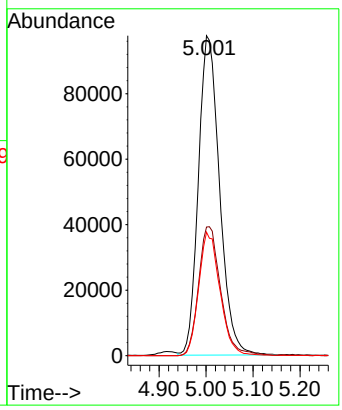
Tgt Ion: 42 Resp: 30575

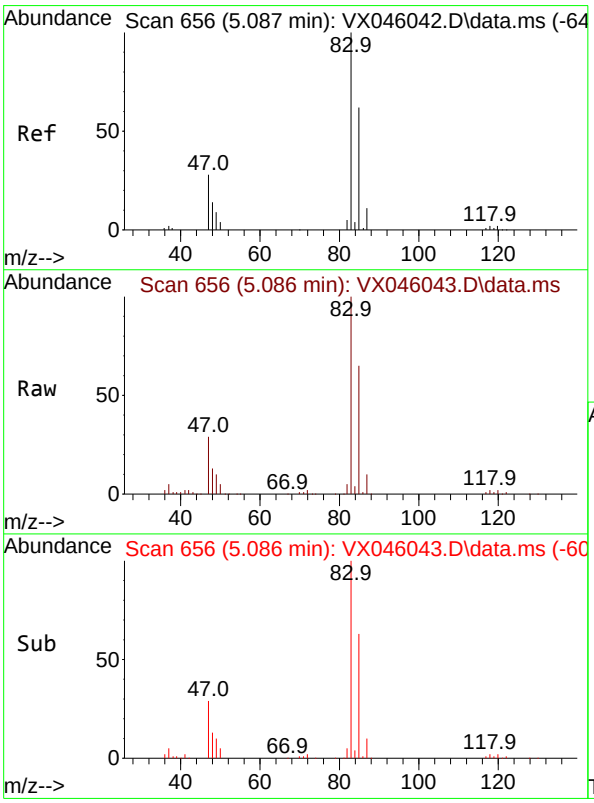
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	38.7	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

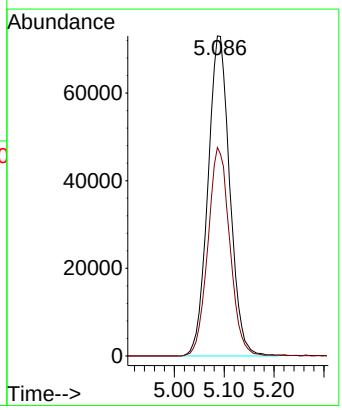


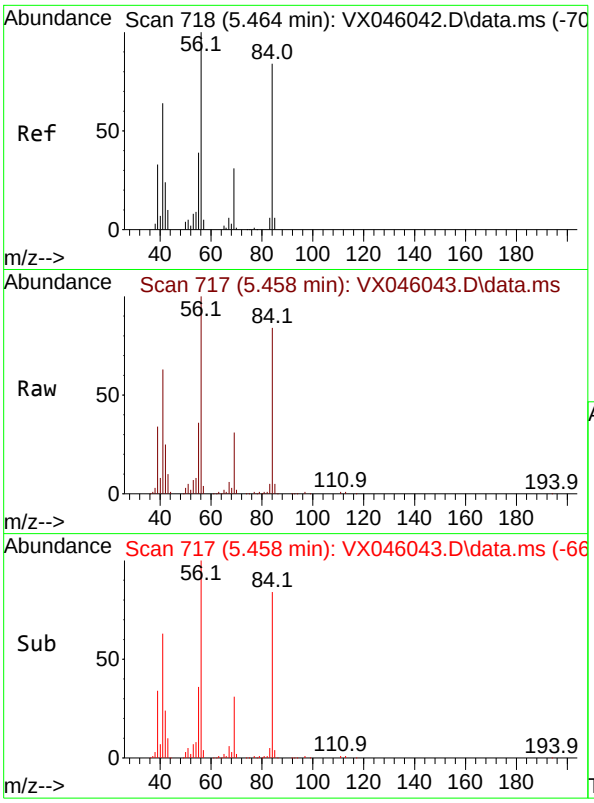


#30
Chloroform
Concen: 70.180 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 222253

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9

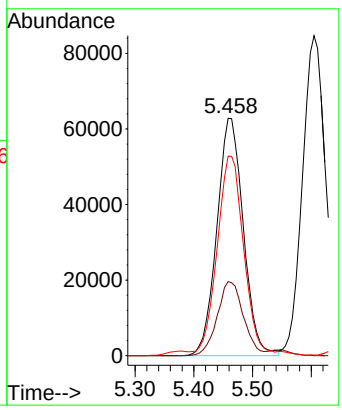




#31
Cyclohexane
Concen: 76.428 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 56 Resp: 19630

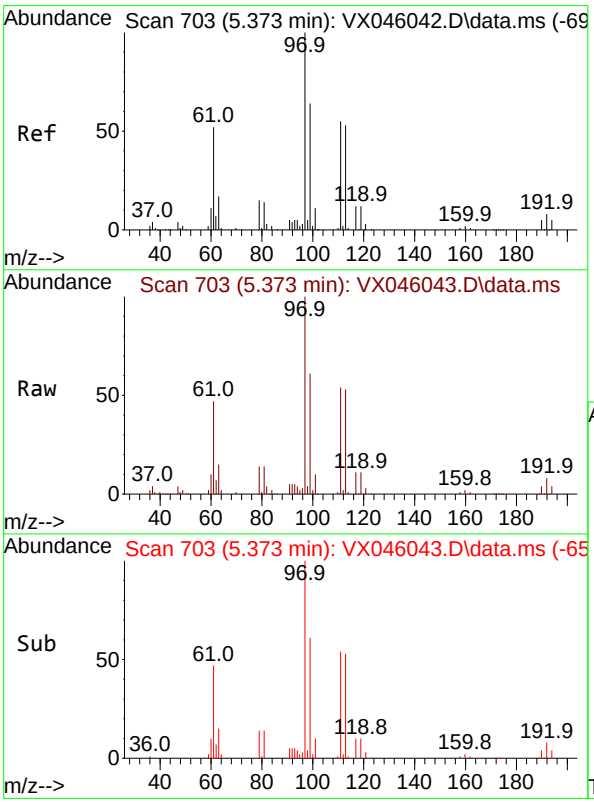
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	82.3	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

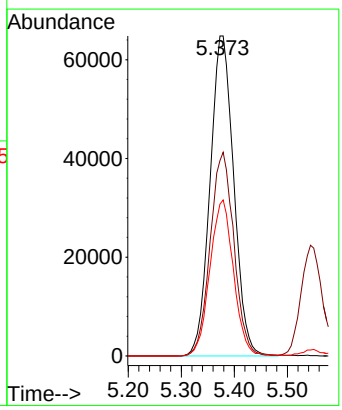
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

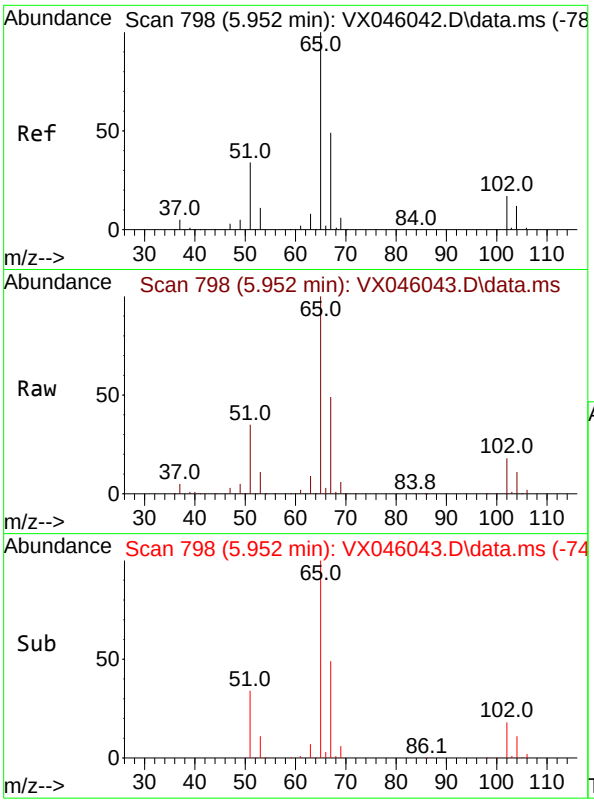


#32
1,1,1-Trichloroethane
Concen: 73.635 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 97 Resp: 201112

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	48.7	40.1	60.1

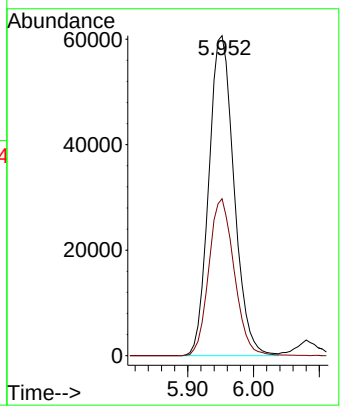




#33
1,2-Dichloroethane-d4
Concen: 62.526 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 65 Resp: 16187

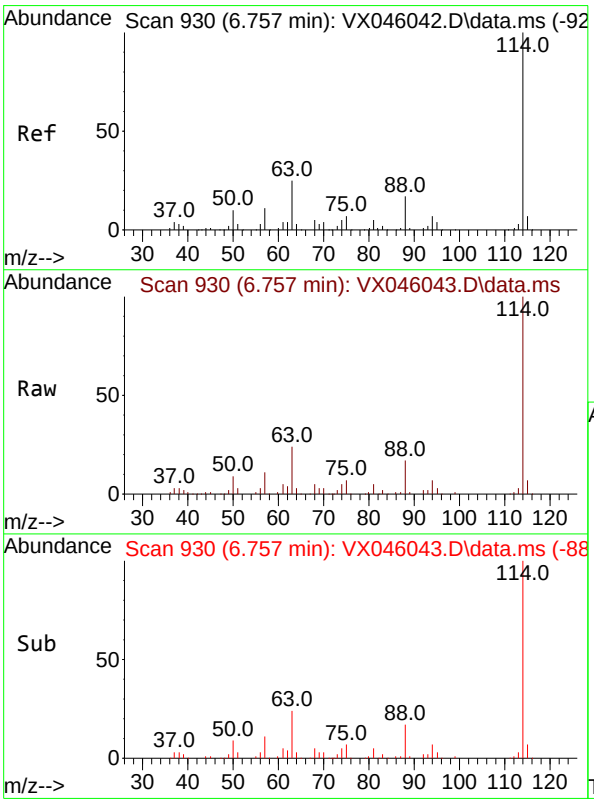
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

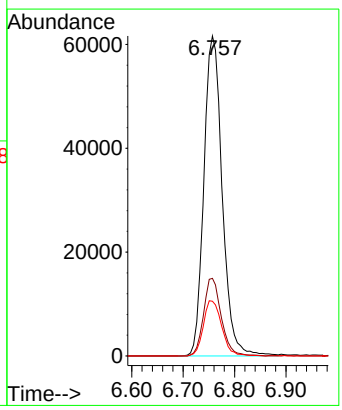
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

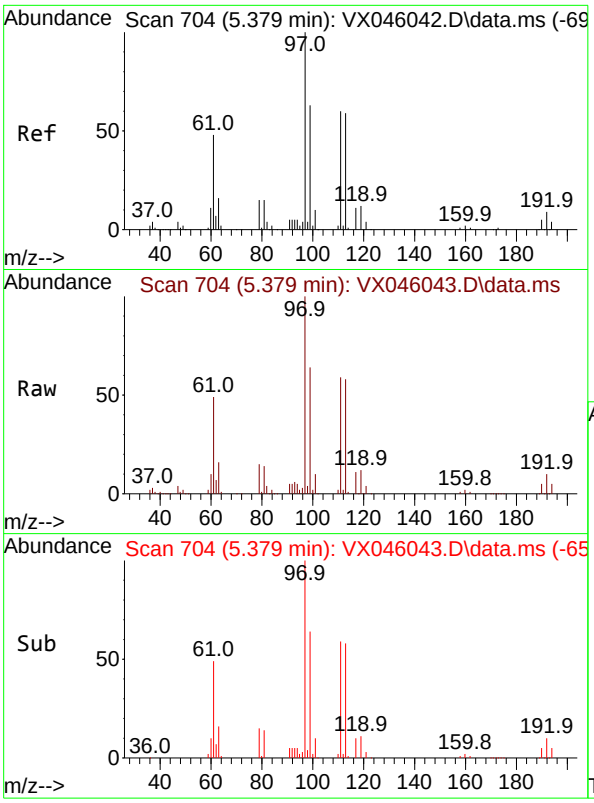


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:114 Resp: 152958

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.1	0.0	33.6

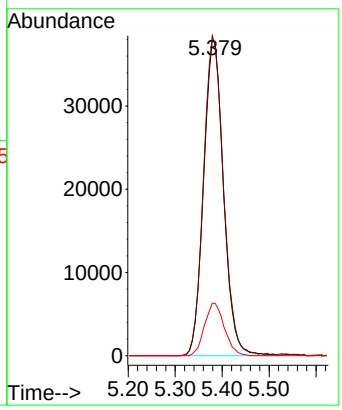




#35
Dibromofluoromethane
Concen: 65.006 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:113 Resp: 11145

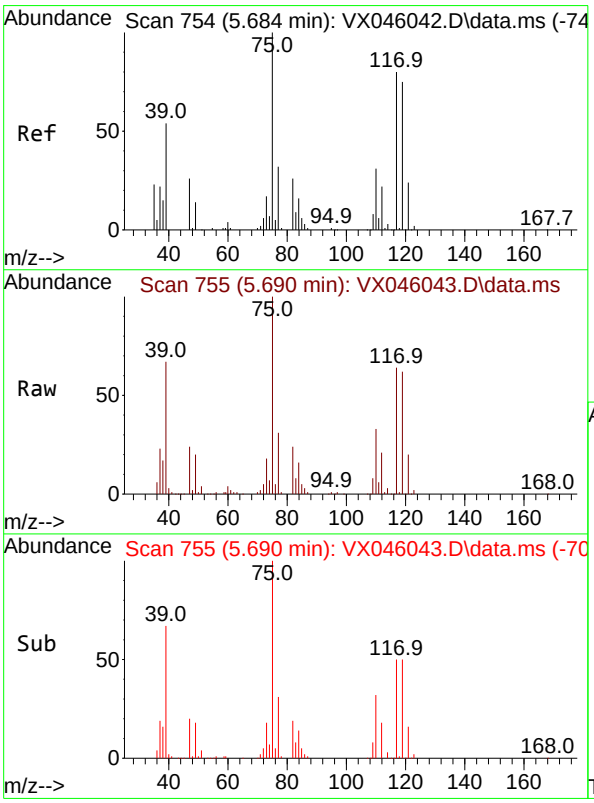
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	16.6	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

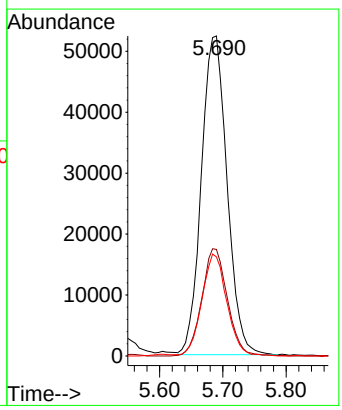
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

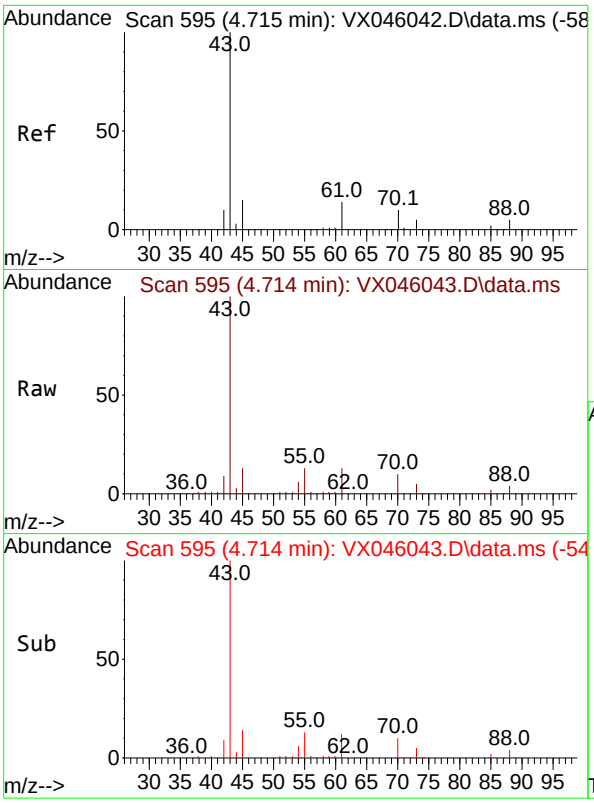


#36
1,1-Dichloropropene
Concen: 74.285 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 147873

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.3	48.9
77	31.1	24.3	36.5

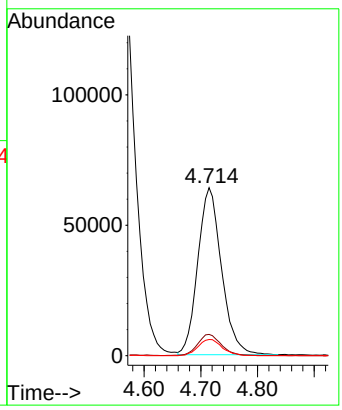




#37
Ethyl Acetate
Concen: 74.565 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 18621

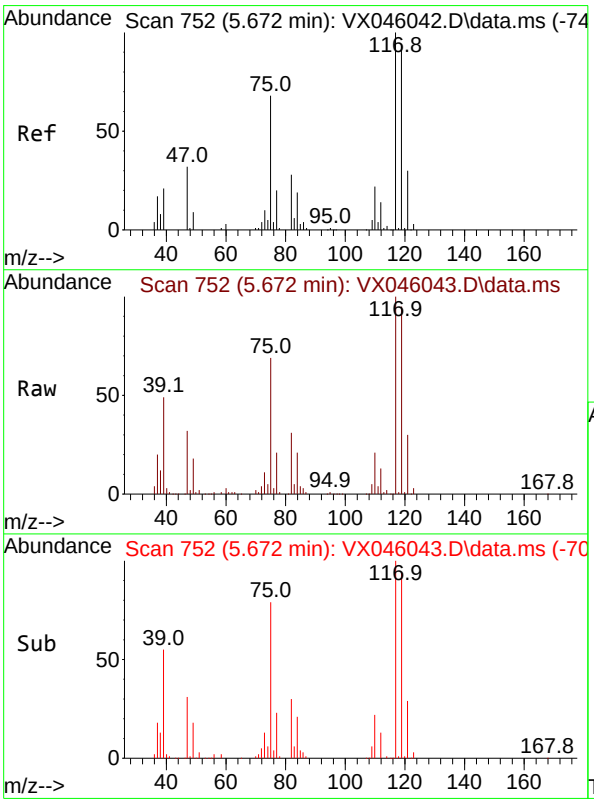
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

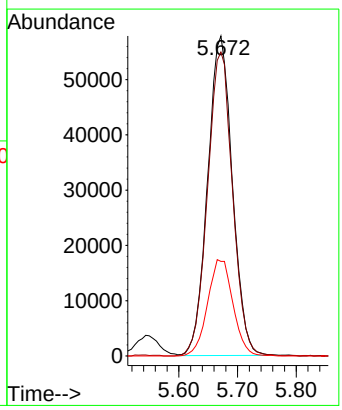
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

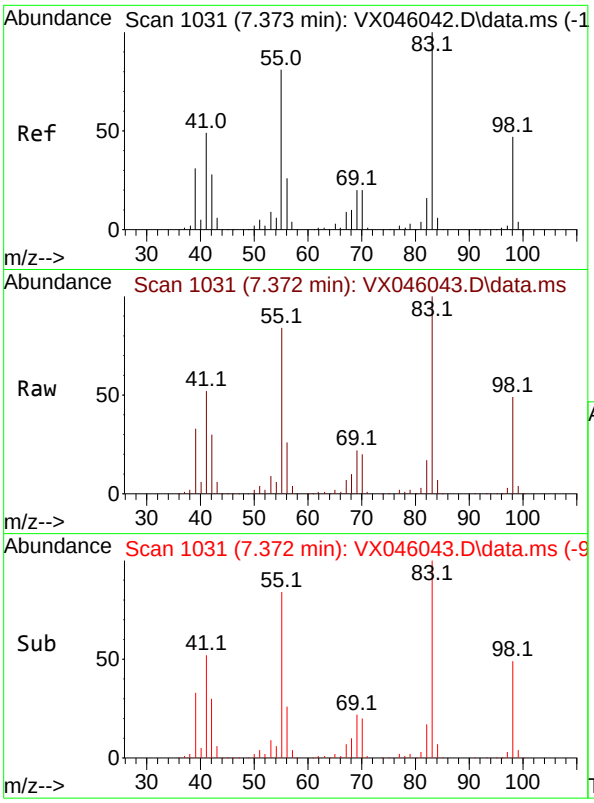


#38
Carbon Tetrachloride
Concen: 73.875 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:117 Resp: 168946

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	29.6	24.2	36.4

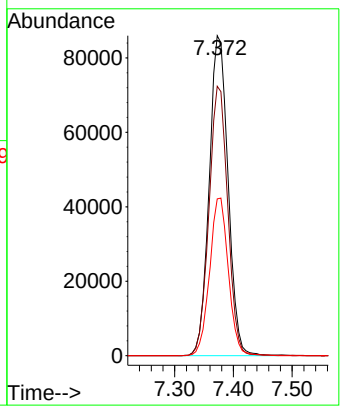




#39
Methylcyclohexane
Concen: 76.952 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 19194

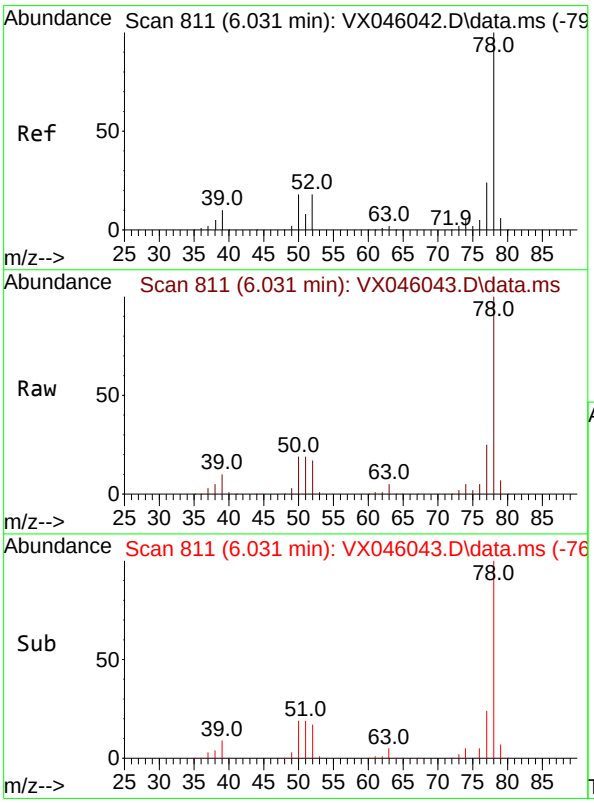
Ion	Ratio	Lower	Upper
83	100		
55	84.2	64.7	97.1
98	49.0	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

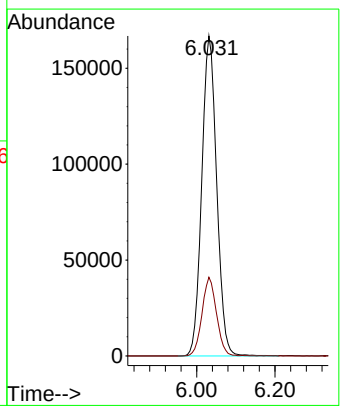
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

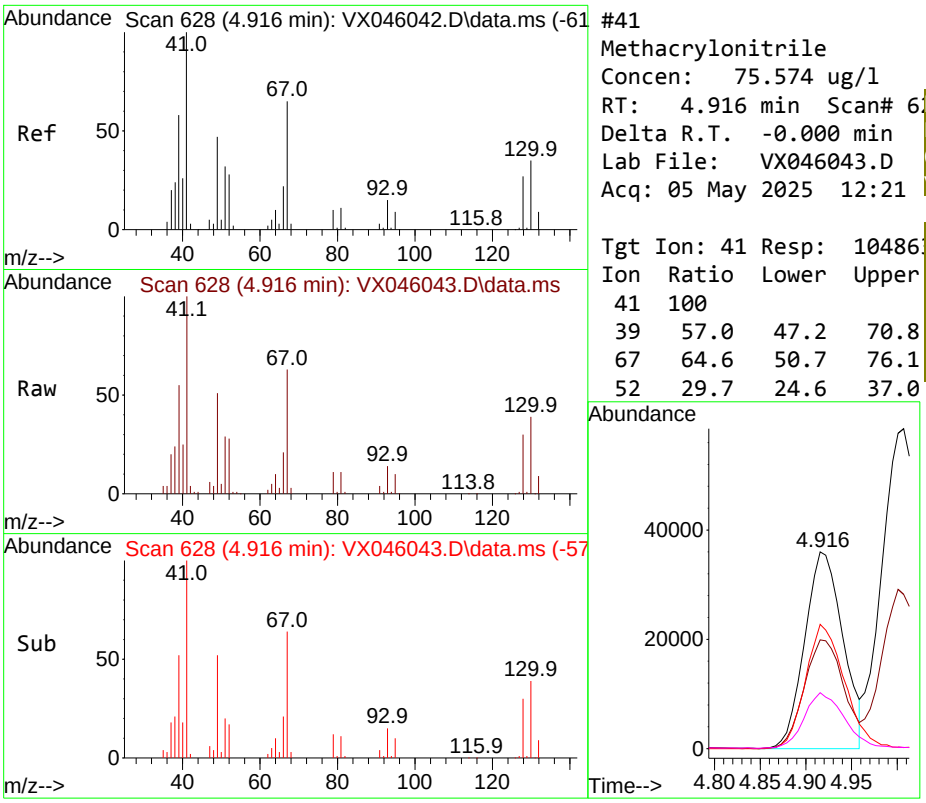


#40
Benzene
Concen: 71.457 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 78 Resp: 440885

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





#41
Methacrylonitrile
Concen: 75.574 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

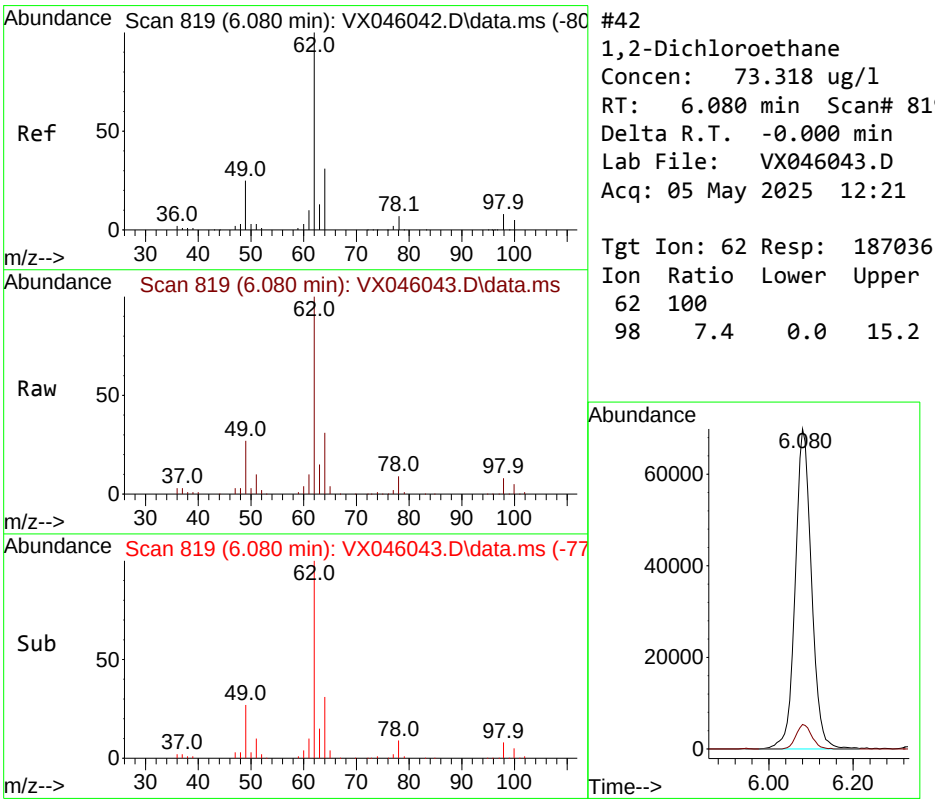
Tgt Ion: 41 Resp: 10486

Ion	Ratio	Lower	Upper
41	100		
39	57.0	47.2	70.8
67	64.6	50.7	76.1
52	29.7	24.6	37.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

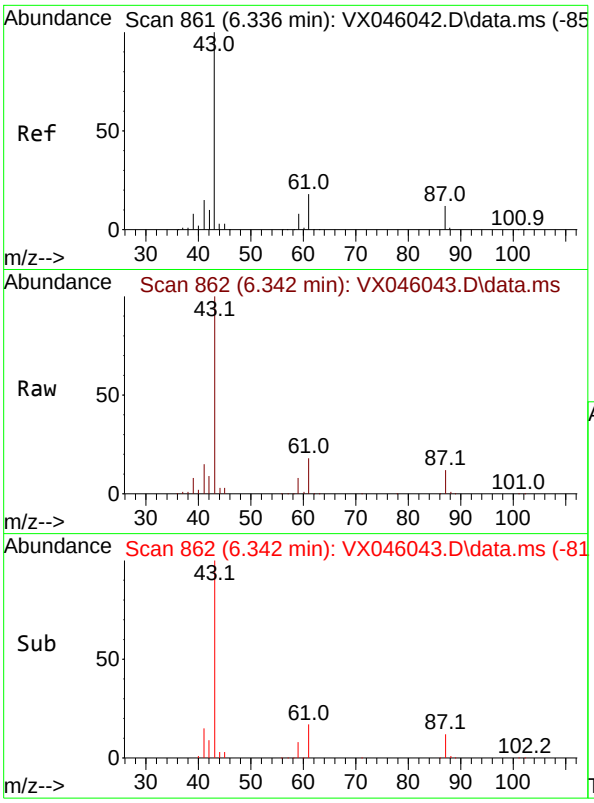
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 73.318 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 62 Resp: 187036

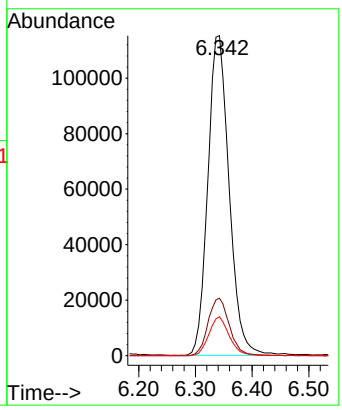
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2



#43
Isopropyl Acetate
Concen: 78.714 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 30049

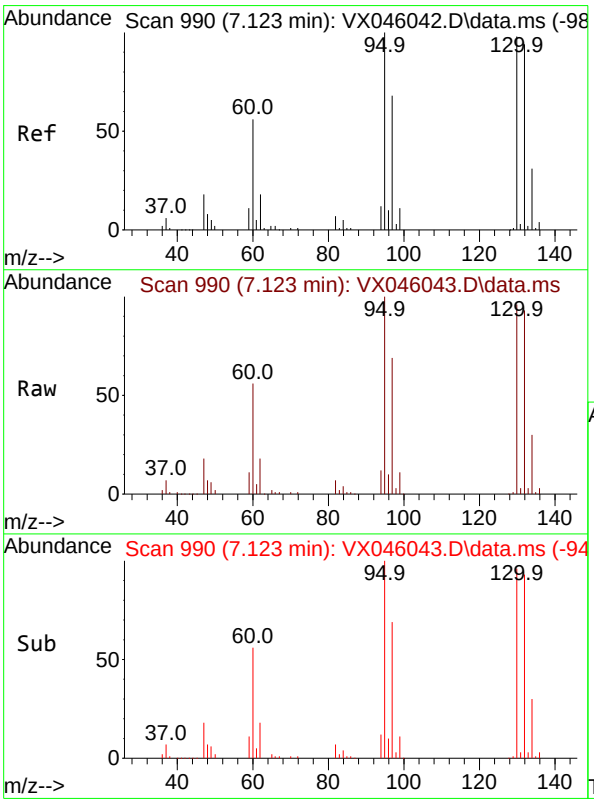
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.3	21.5
87	11.6	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

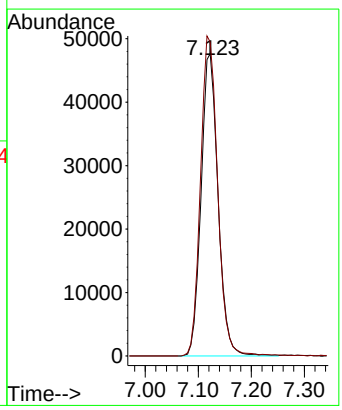
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

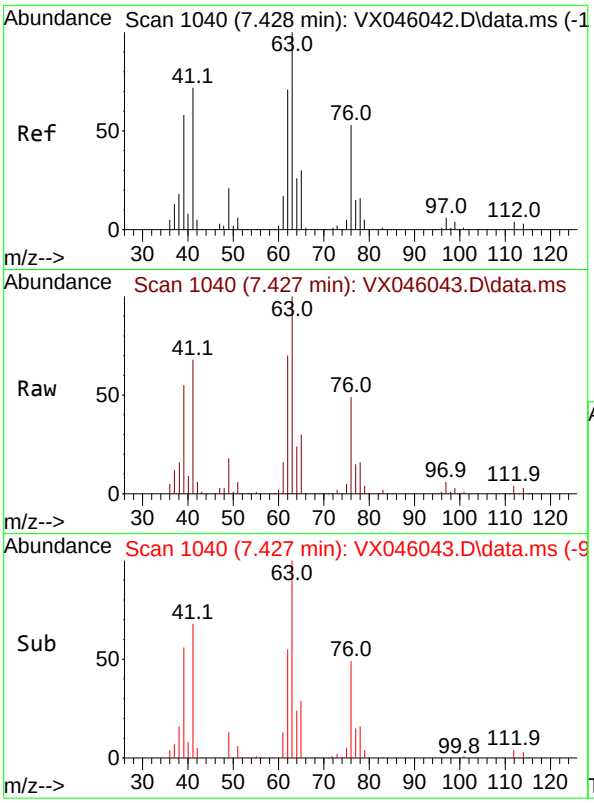


#44
Trichloroethene
Concen: 72.420 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:130 Resp: 105628

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.2

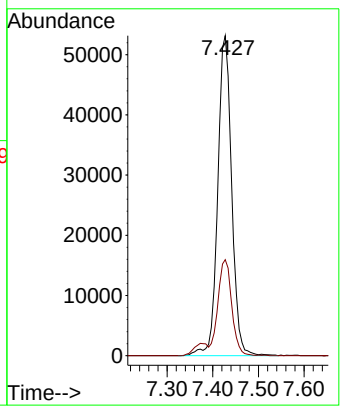




#45
1,2-Dichloropropane
Concen: 73.420 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 11255

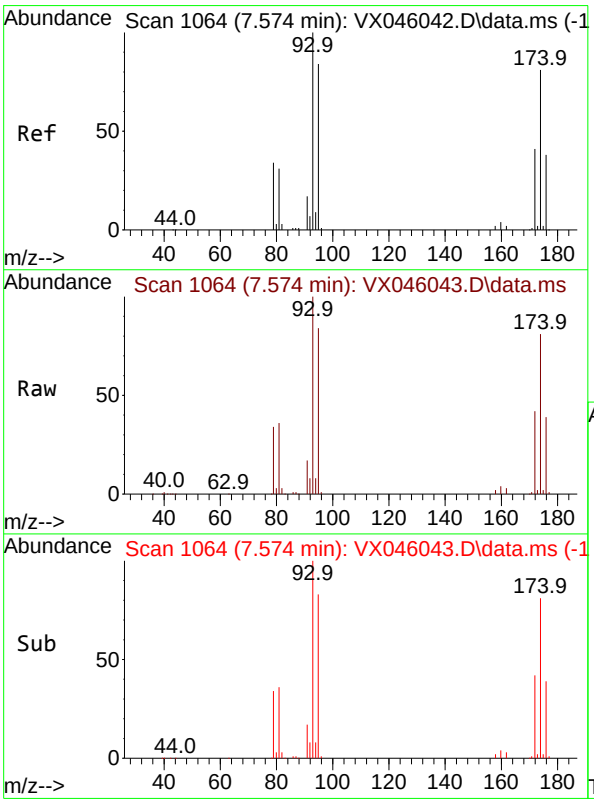
Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

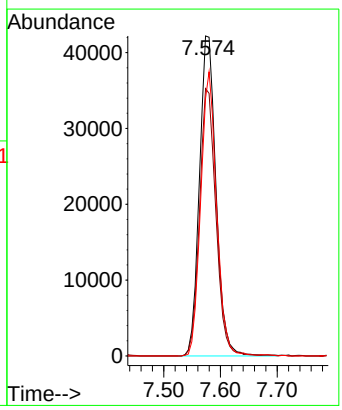
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

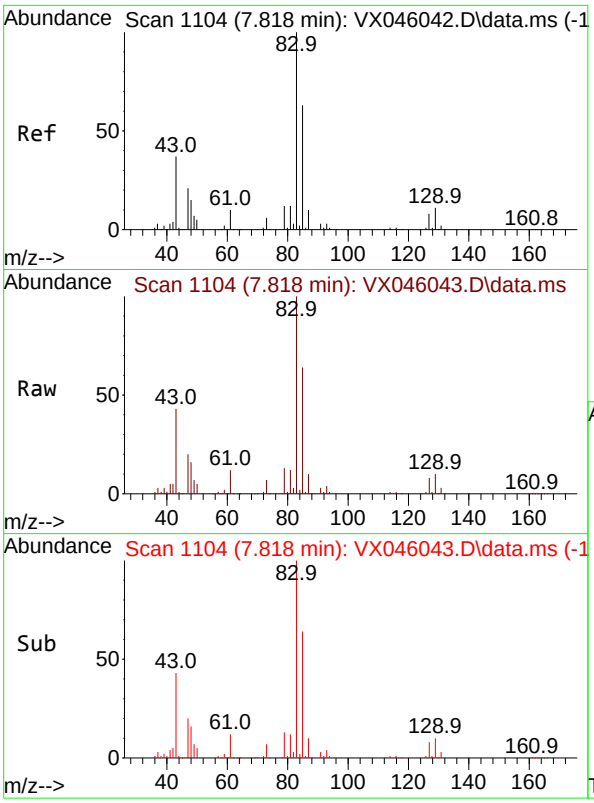


#46
Dibromomethane
Concen: 70.938 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 93 Resp: 85728

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	85.0	68.2	102.2

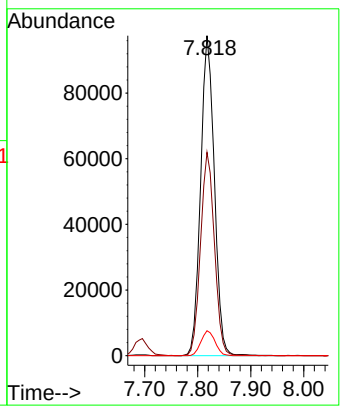




#47
Bromodichloromethane
Concen: 74.845 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 17530

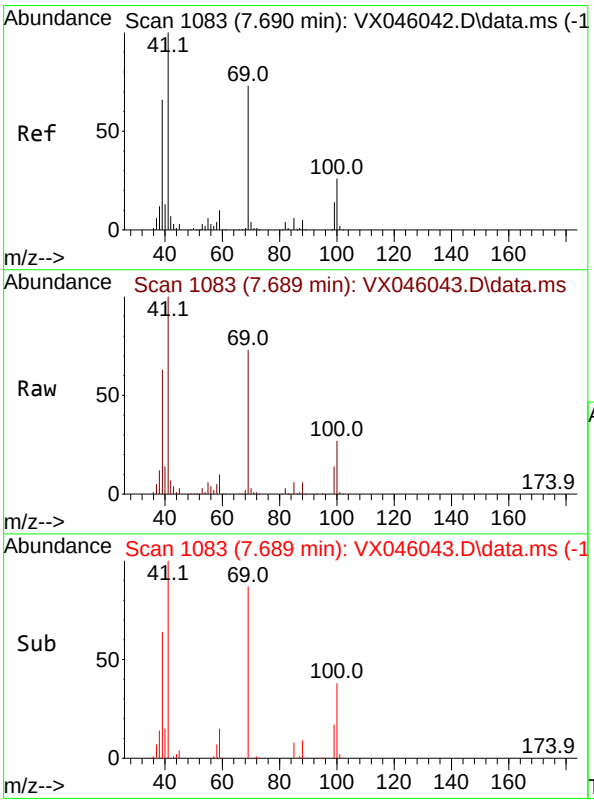
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.5	75.7
127	7.8	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

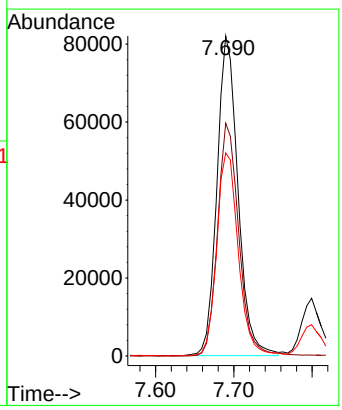
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

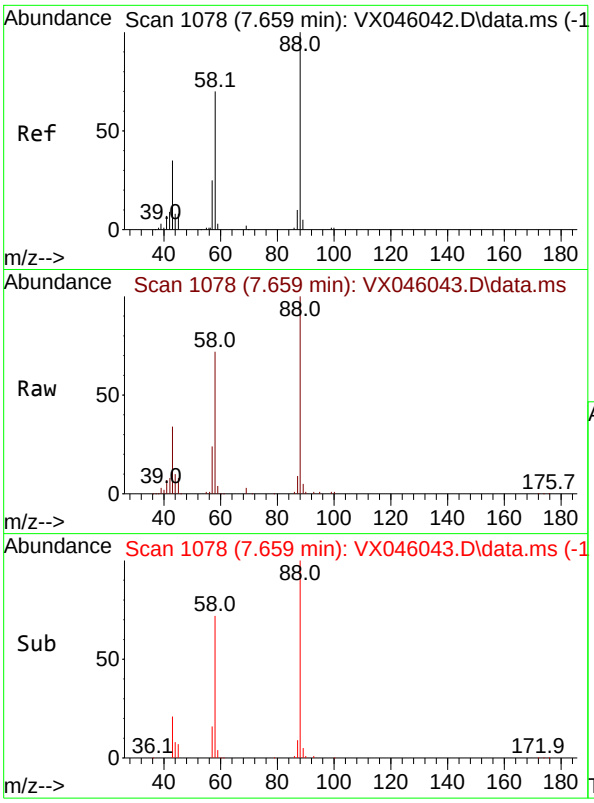


#48
Methyl methacrylate
Concen: 78.101 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 41 Resp: 153093

Ion	Ratio	Lower	Upper
41	100		
69	74.1	58.5	87.7
39	65.5	51.7	77.5





#49
1,4-Dioxane
Concen: 1470.687 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

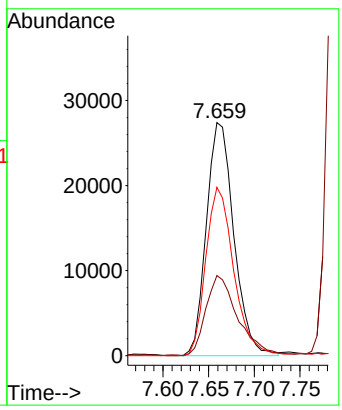
Tgt Ion: 88 Resp: 5731

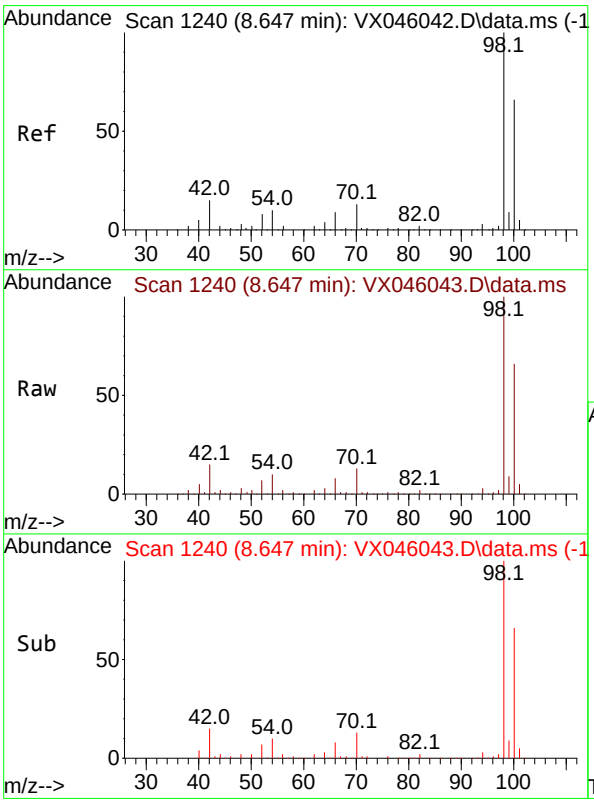
Ion	Ratio	Lower	Upper
88	100		
43	40.1	33.4	50.2
58	73.3	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

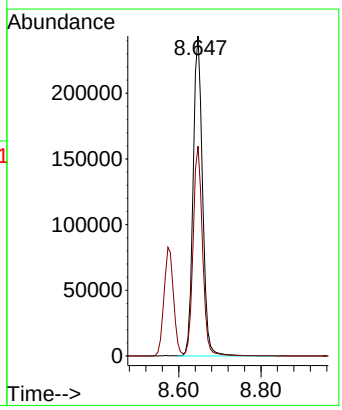


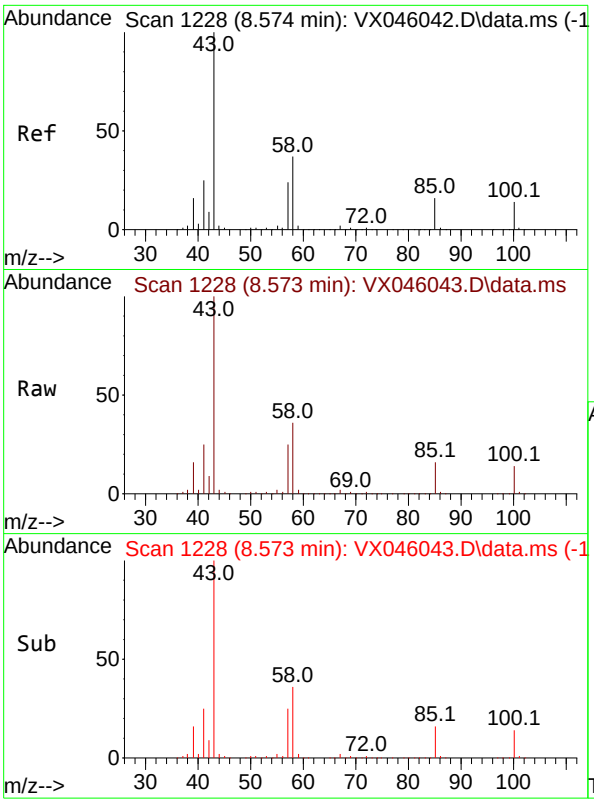


#50
Toluene-d8
Concen: 67.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 98 Resp: 387230

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.5	80.3





#51
4-Methyl-2-Pentanone
Concen: 384.740 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

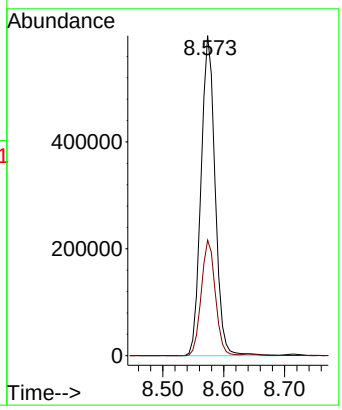
Tgt Ion: 43 Resp: 96331

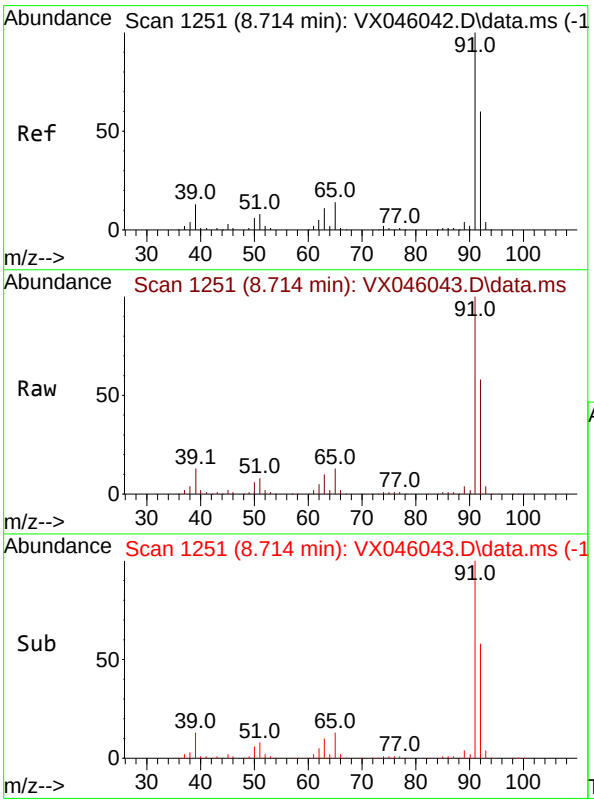
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

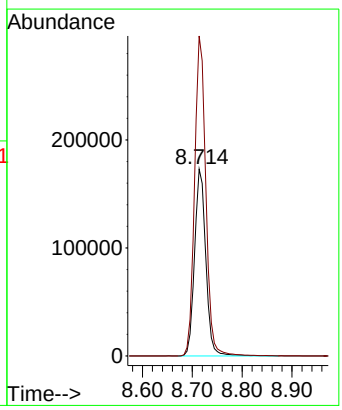


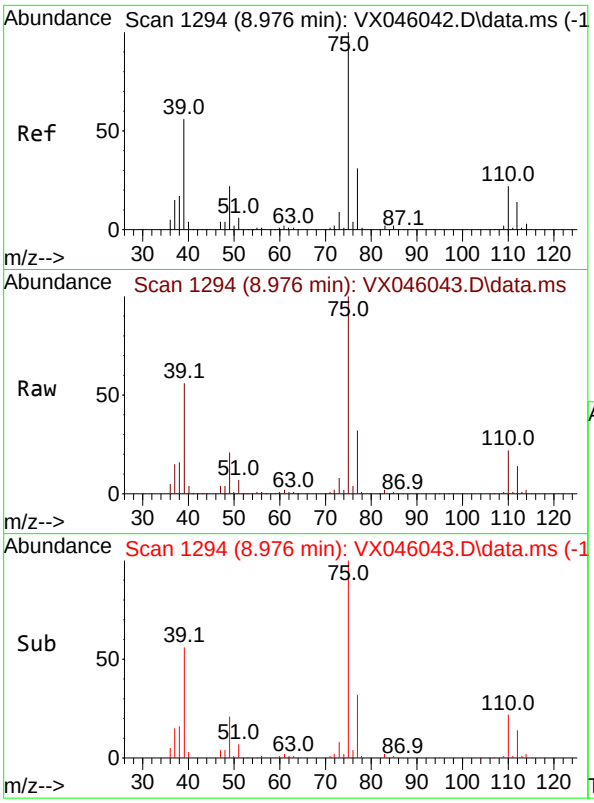


#52
Toluene
Concen: 74.010 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 92 Resp: 270763

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.6	205.0

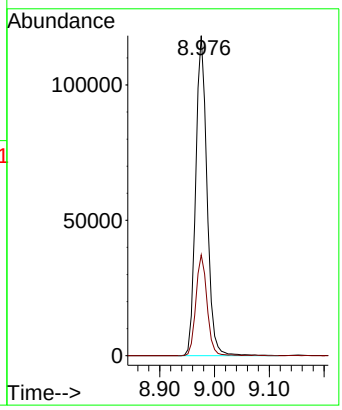




#53
t-1,3-Dichloropropene
Concen: 86.372 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 16986

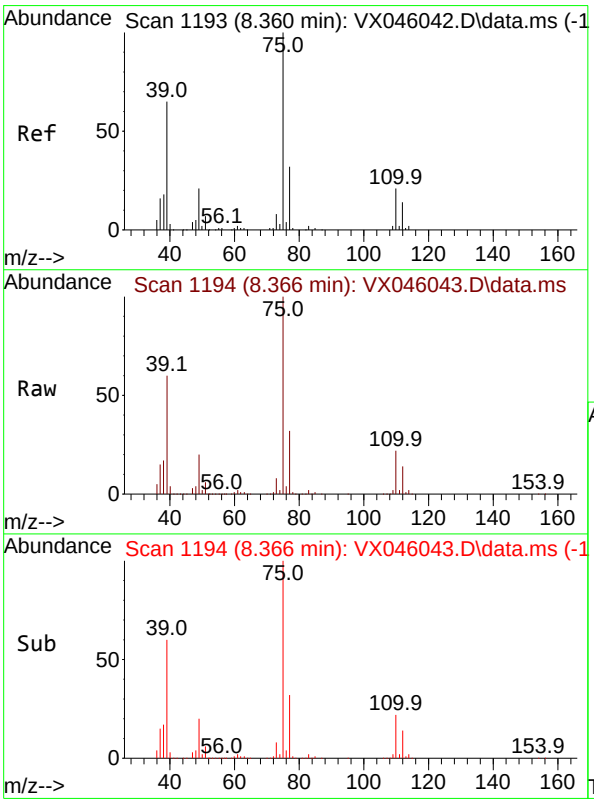
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

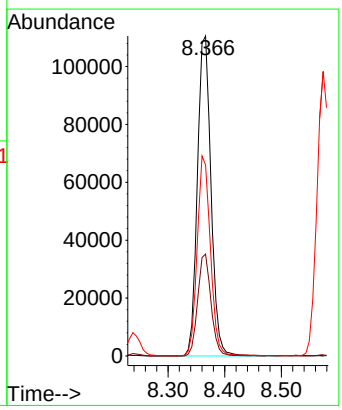
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

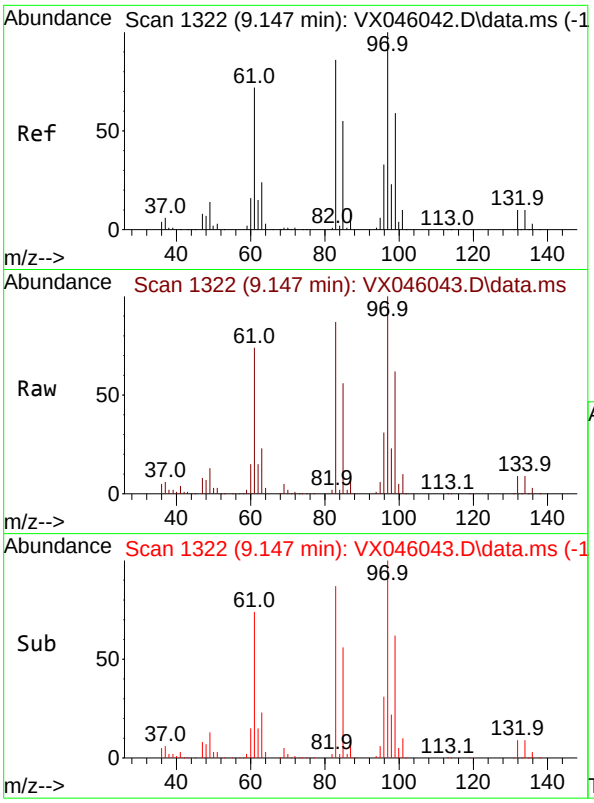


#54
cis-1,3-Dichloropropene
Concen: 80.264 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 184134

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	59.6	52.2	78.4

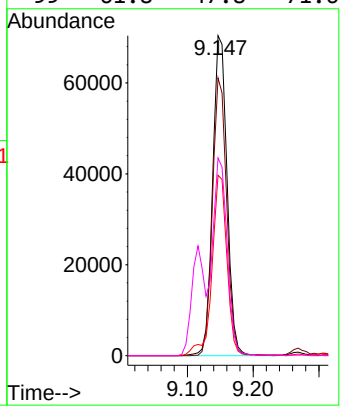




#55
1,1,2-Trichloroethane
Concen: 72.543 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 97 Resp: 10726

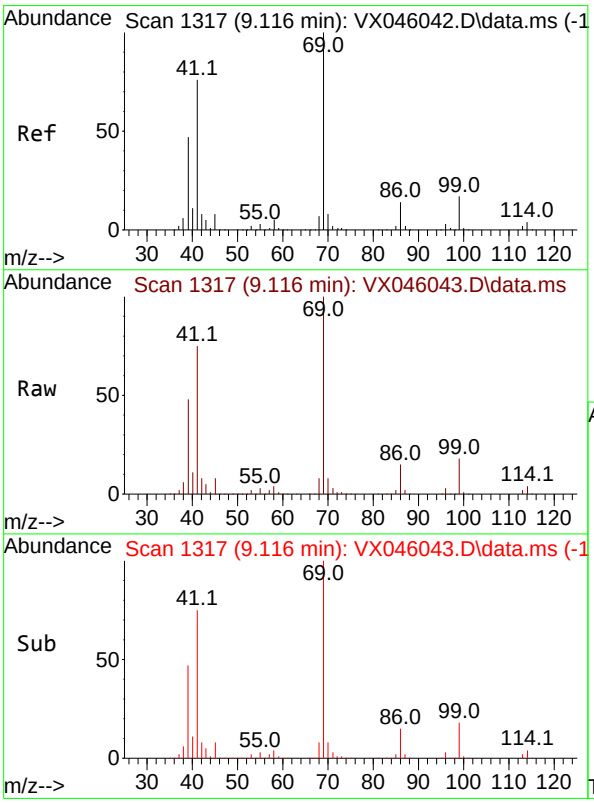
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.6
85	56.4	44.3	66.5
99	61.8	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

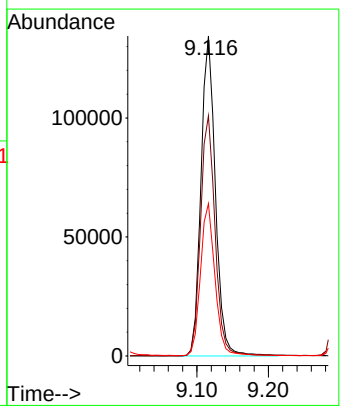
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

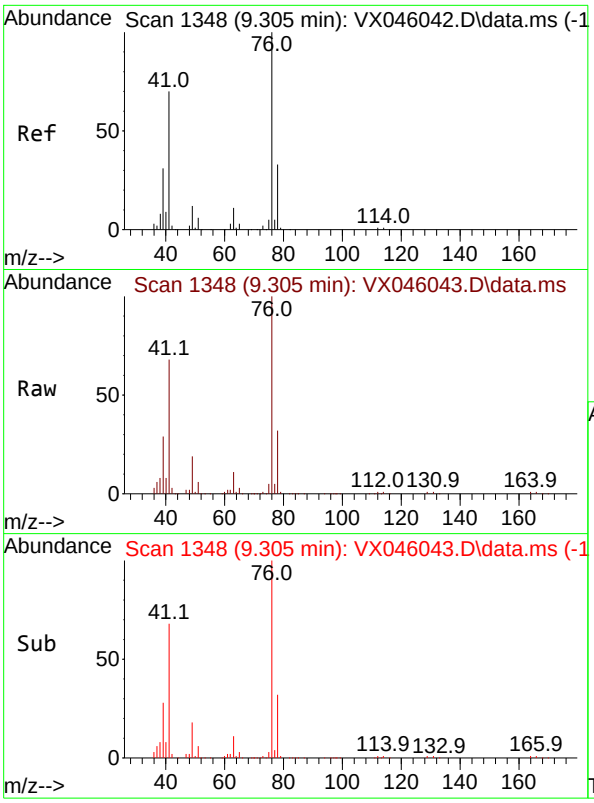


#56
Ethyl methacrylate
Concen: 82.359 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 69 Resp: 188717

Ion	Ratio	Lower	Upper
69	100		
41	75.7	60.8	91.2
39	47.7	39.0	58.6





#57
1,3-Dichloropropane
Concen: 71.590 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

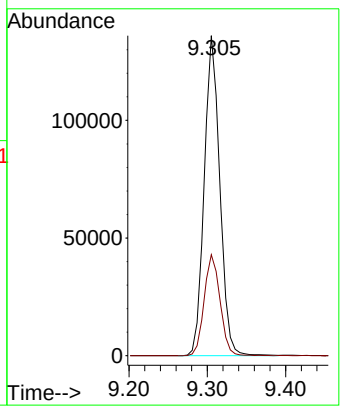
Tgt Ion: 76 Resp: 18764

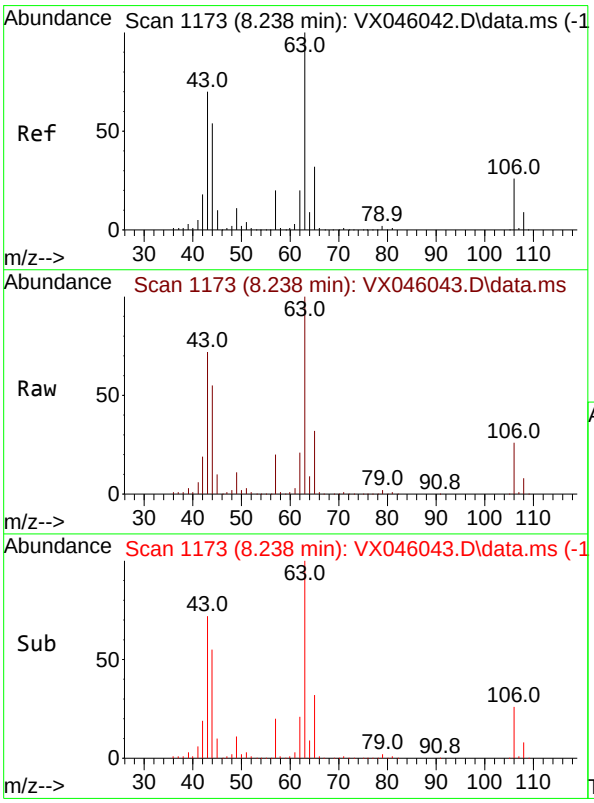
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

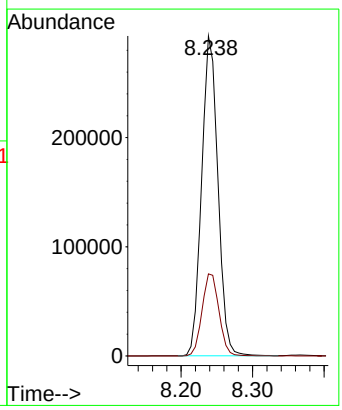


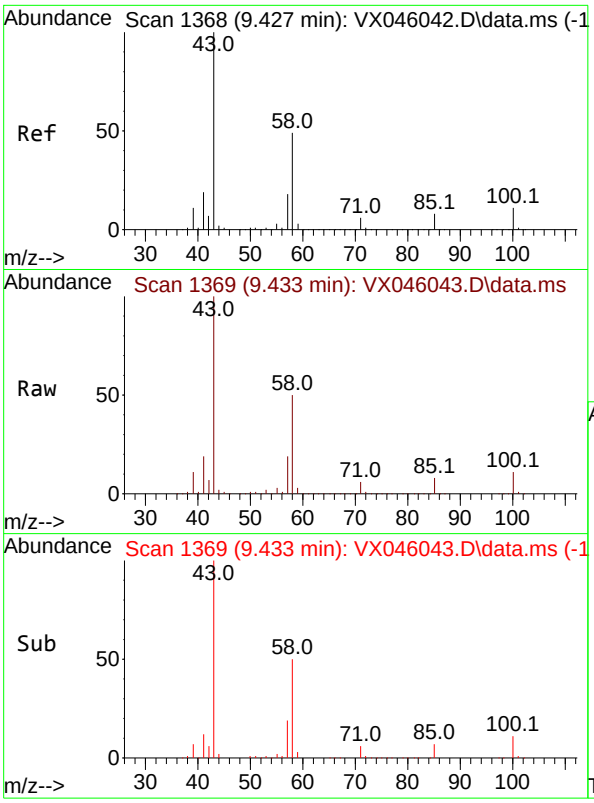


#58
2-Chloroethyl Vinyl ether
Concen: 449.791 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 463169

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3





#59
2-Hexanone
Concen: 383.945 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

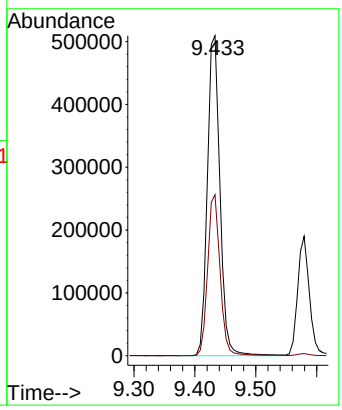
Tgt Ion: 43 Resp: 72960

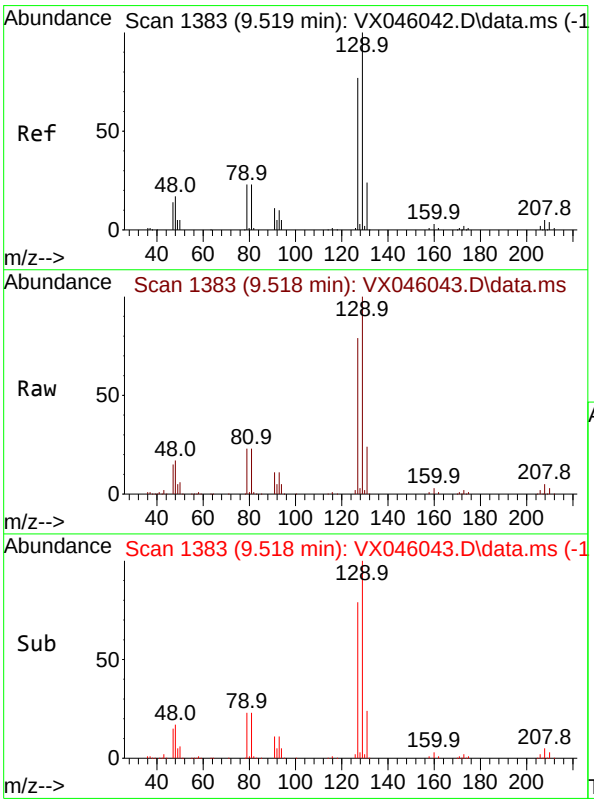
Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

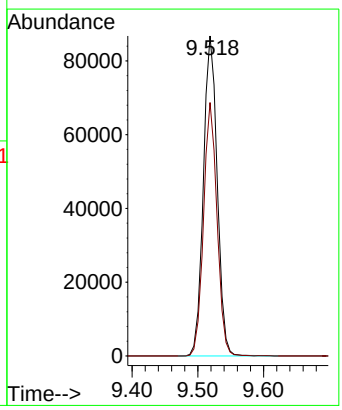


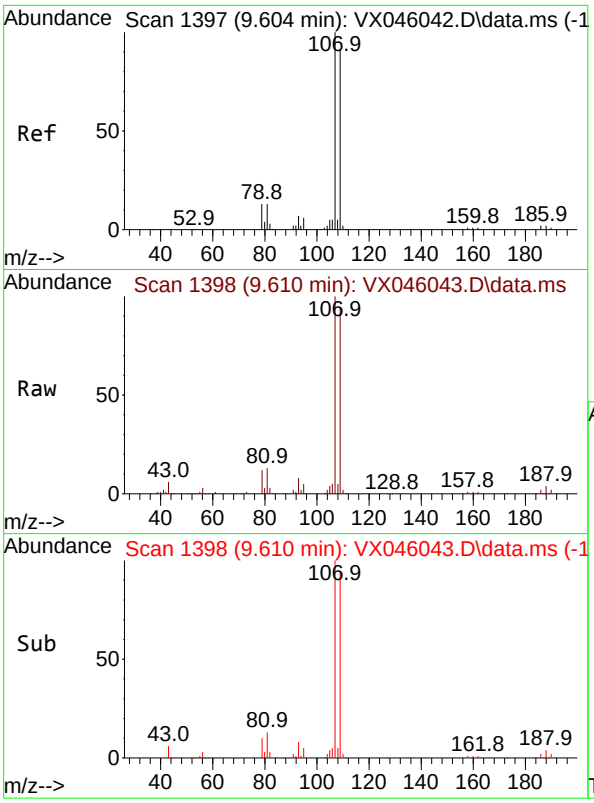


#60
Dibromochloromethane
Concen: 78.918 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:129 Resp: 127012

Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.3	117.8

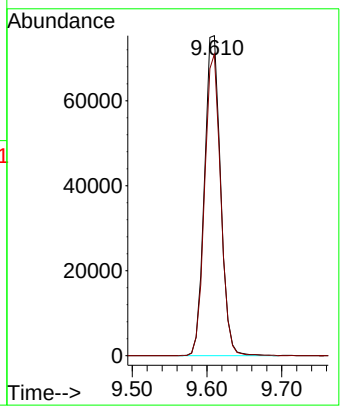




#61
1,2-Dibromoethane
Concen: 74.200 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:107 Resp: 11266

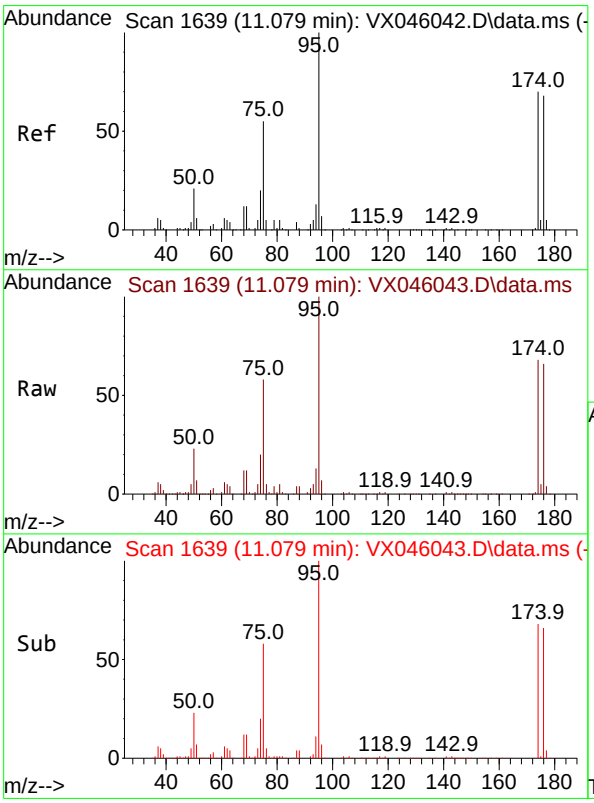
Ion	Ratio	Lower	Upper
107	100		
109	93.9	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

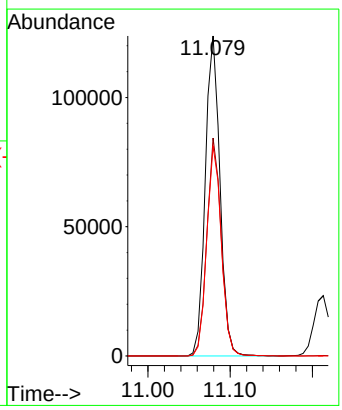
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

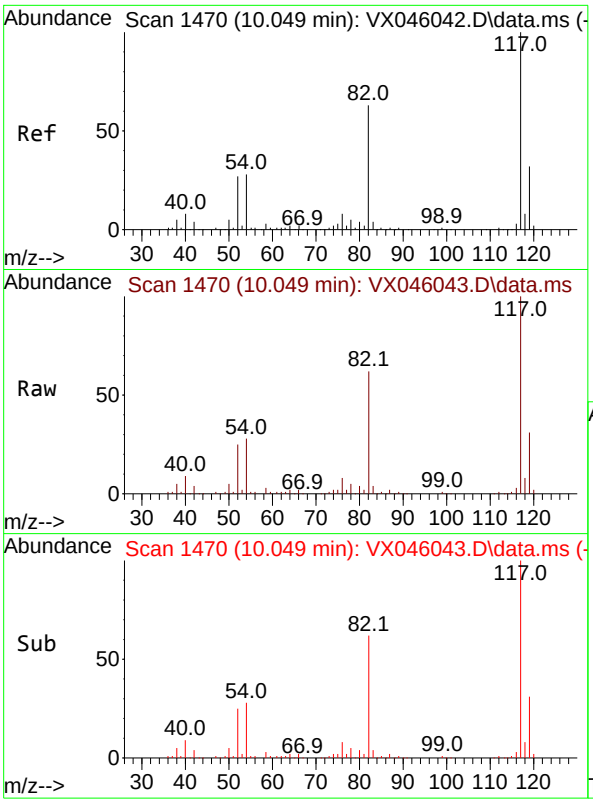


#62
4-Bromofluorobenzene
Concen: 72.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 95 Resp: 153085

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	65.3	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

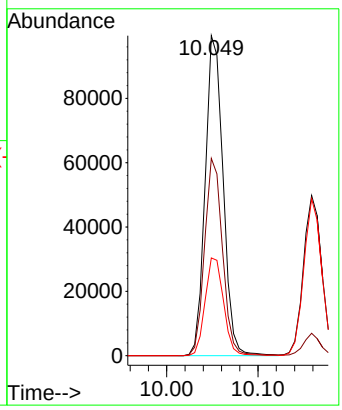
Tgt Ion:117 Resp: 13521

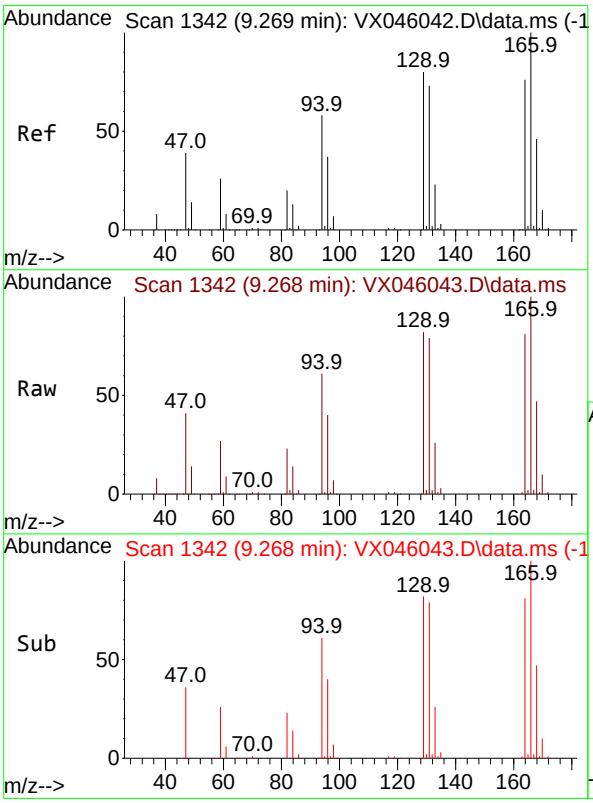
Ion	Ratio	Lower	Upper
117	100		
82	61.7	50.6	76.0
119	30.6	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

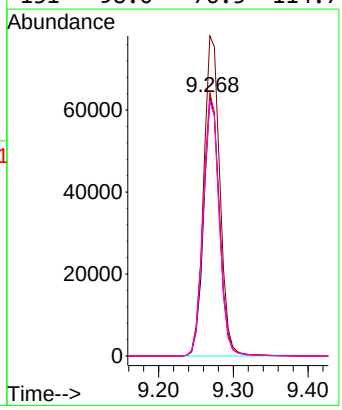


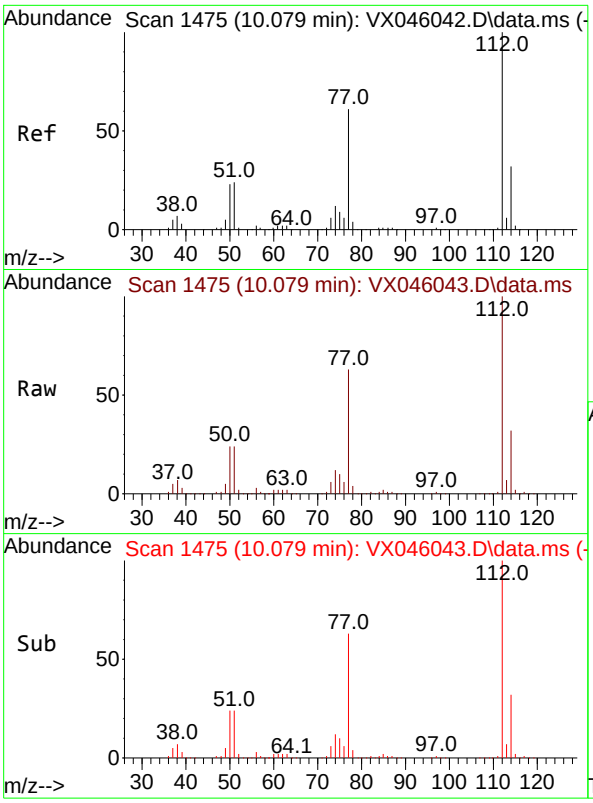


#64
Tetrachloroethene
Concen: 67.493 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:164 Resp: 93195

Ion	Ratio	Lower	Upper
164	100		
166	123.4	105.0	157.6
129	101.4	83.5	125.3
131	98.0	76.5	114.7

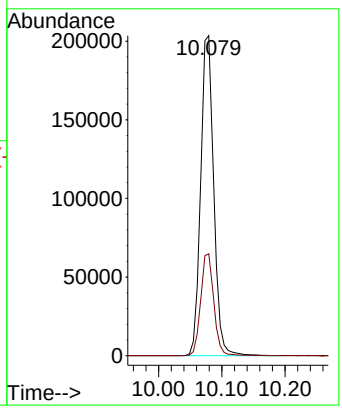




#65
Chlorobenzene
Concen: 70.490 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:112 Resp: 29328

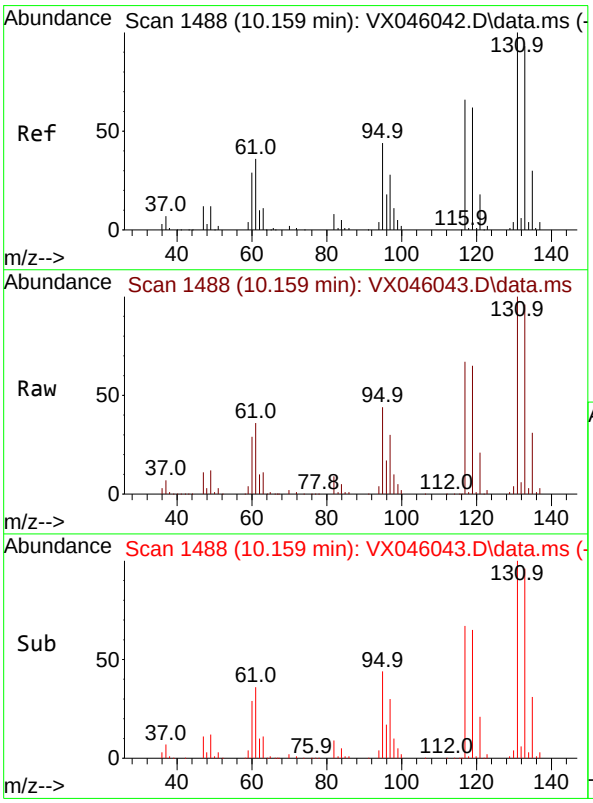
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

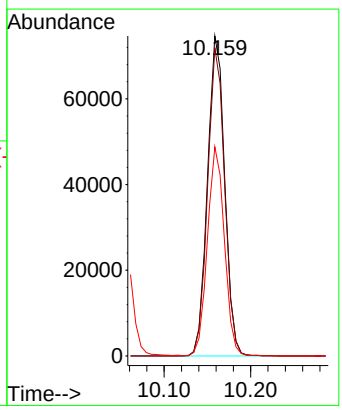
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

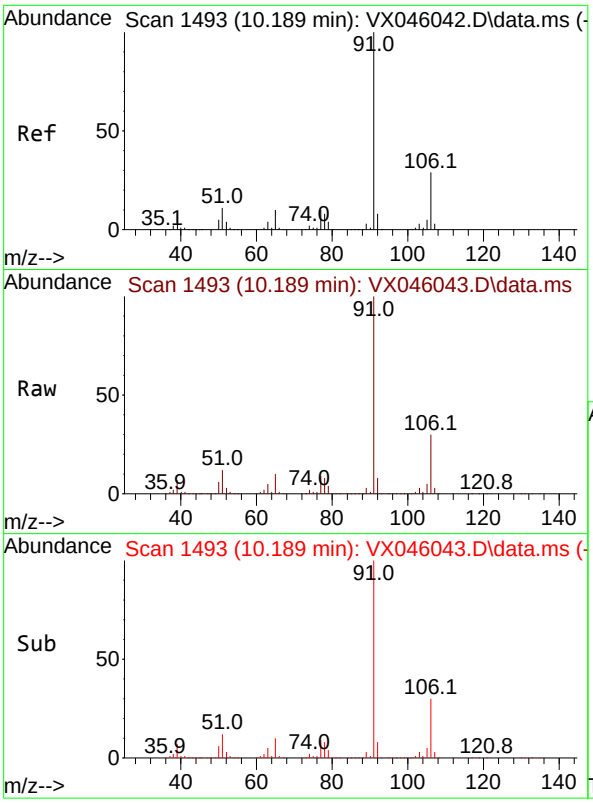


#66
1,1,1,2-Tetrachloroethane
Concen: 74.349 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:131 Resp: 103177

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.9
119	64.5	31.6	95.0

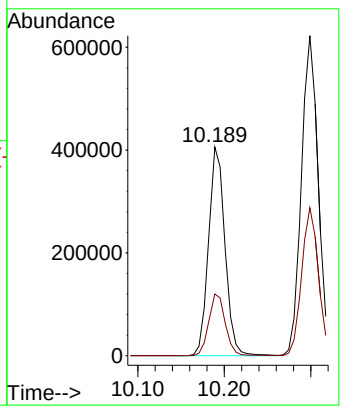




#67
Ethyl Benzene
Concen: 75.444 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 53512

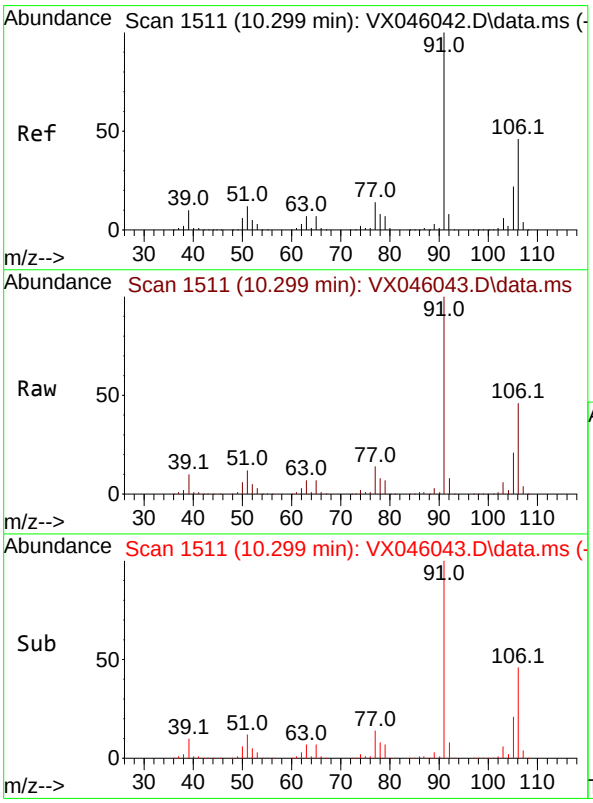
Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

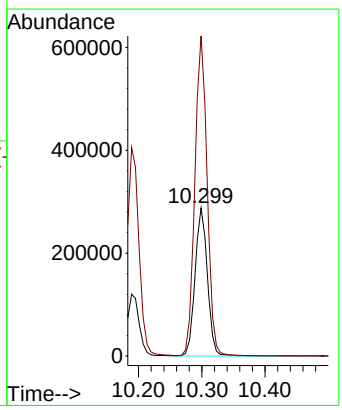
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

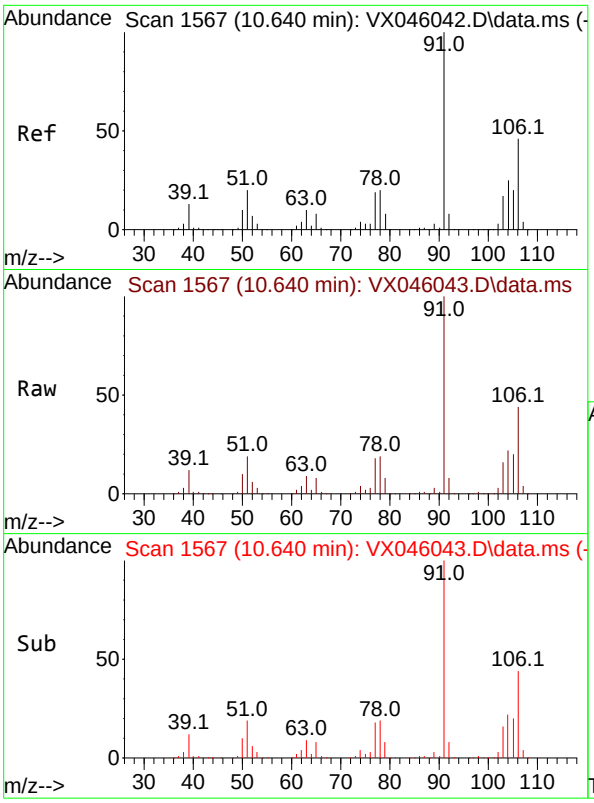


#68
m/p-Xylenes
Concen: 152.181 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:106 Resp: 389935

Ion	Ratio	Lower	Upper
106	100		
91	215.8	171.2	256.8

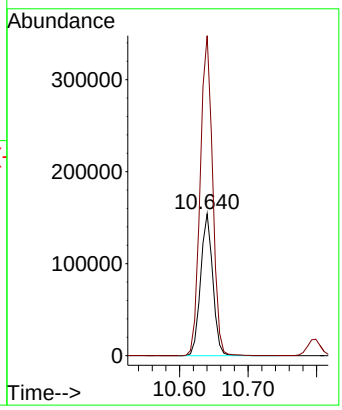




#69
o-Xylene
Concen: 73.890 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:106 Resp: 19083

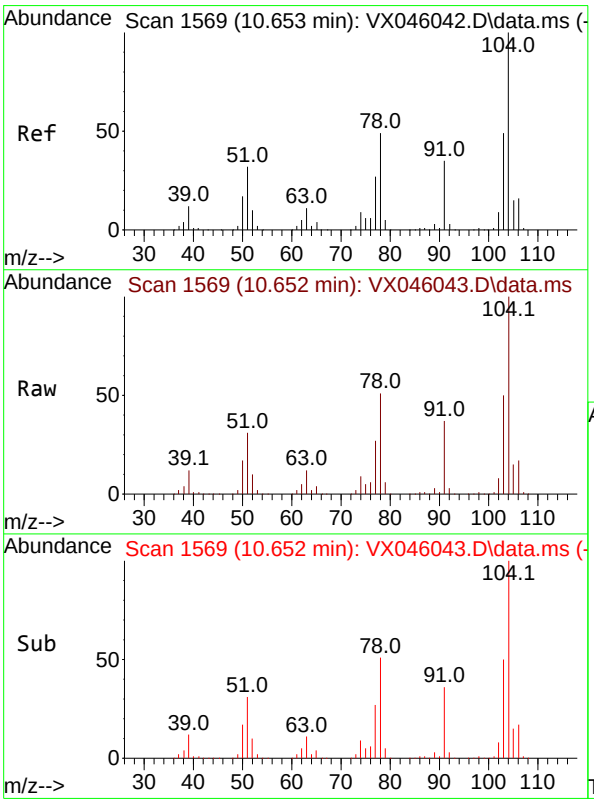
Ion	Ratio	Lower	Upper
106	100		
91	230.3	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

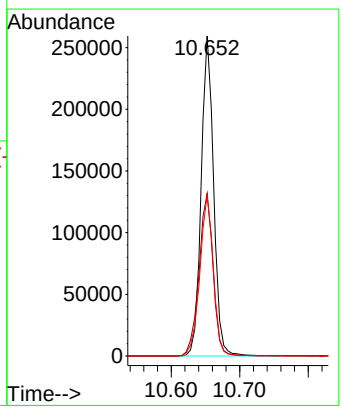
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

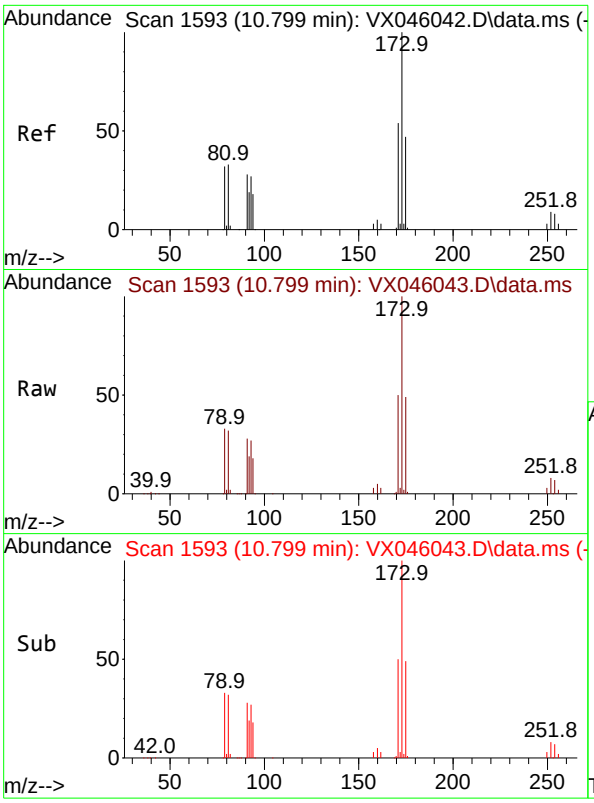


#70
Styrene
Concen: 79.411 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:104 Resp: 328195

Ion	Ratio	Lower	Upper
104	100		
78	57.4	45.7	68.5
103	54.8	43.7	65.5

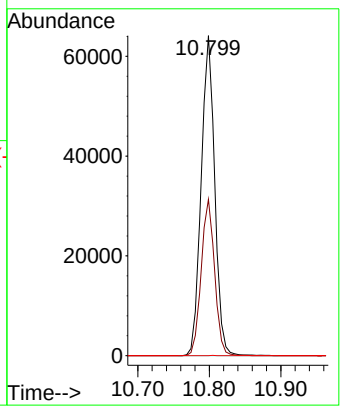




#71
Bromoform
Concen: 80.927 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:173 Resp: 8435

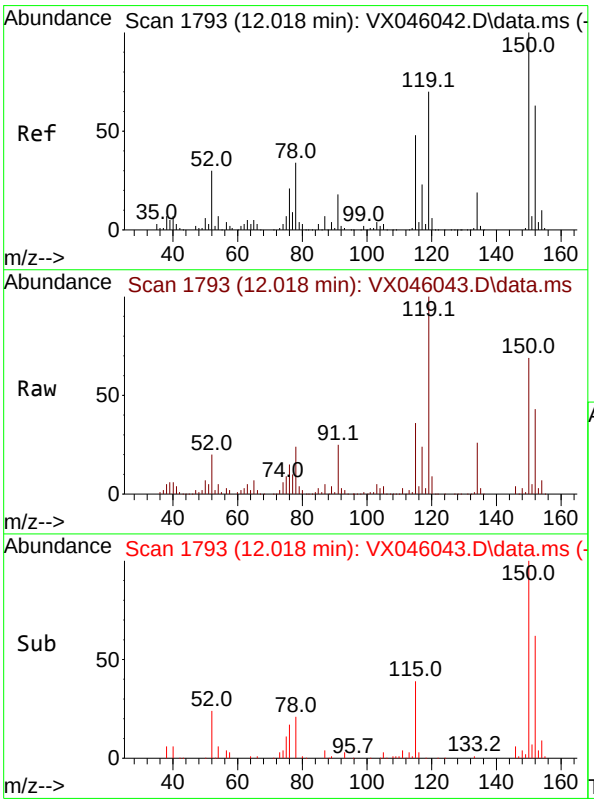
Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

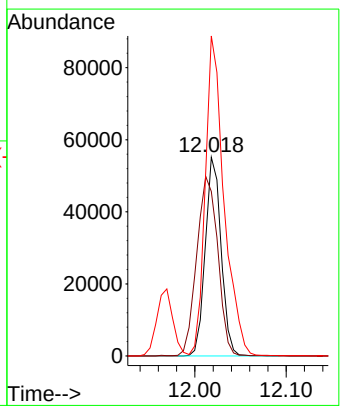
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

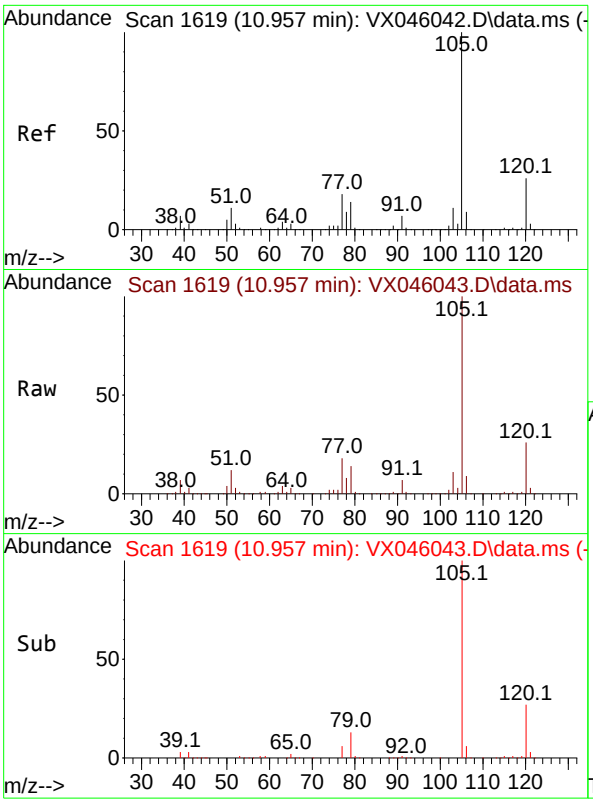


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:152 Resp: 66369

Ion	Ratio	Lower	Upper
152	100		
115	120.4	46.9	140.7
150	190.4	0.0	351.0

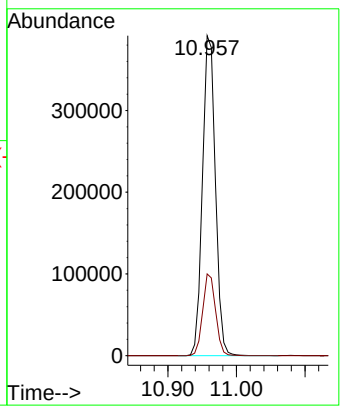




#73
Isopropylbenzene
Concen: 71.083 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 51452

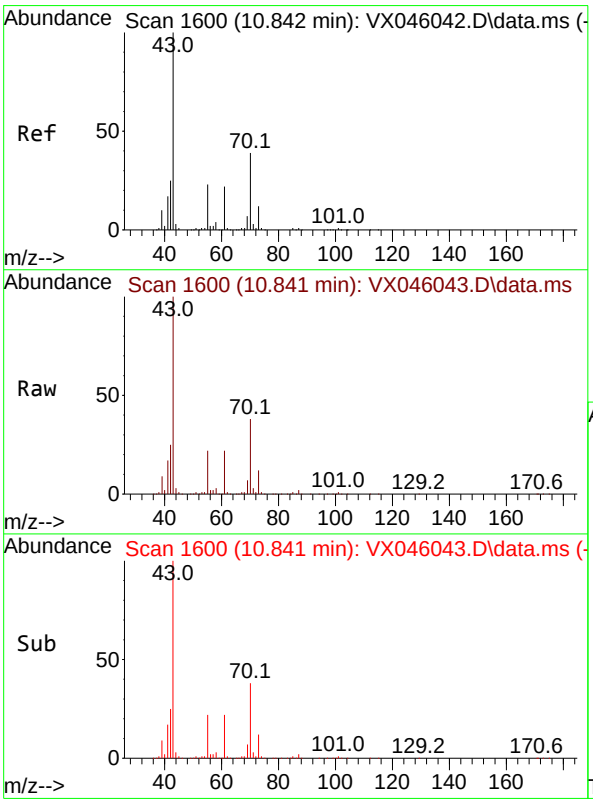
Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

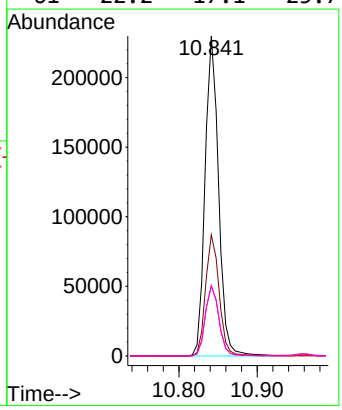
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

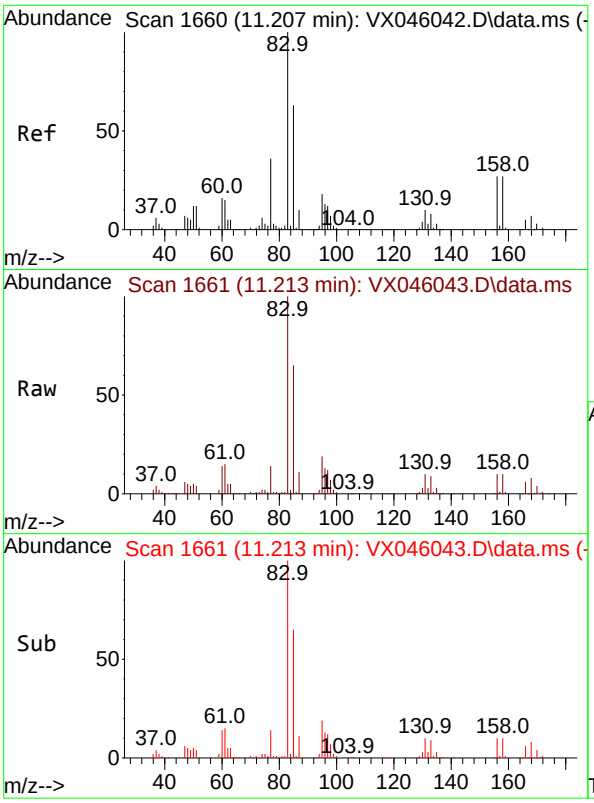


#74
N-amyl acetate
Concen: 76.073 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 274553

Ion	Ratio	Lower	Upper
43	100		
70	38.2	30.9	46.3
55	22.5	18.7	28.1
61	22.2	17.1	25.7

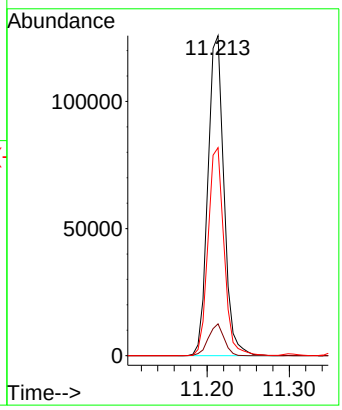




#75
1,1,2,2-Tetrachloroethane
Concen: 66.207 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 17048

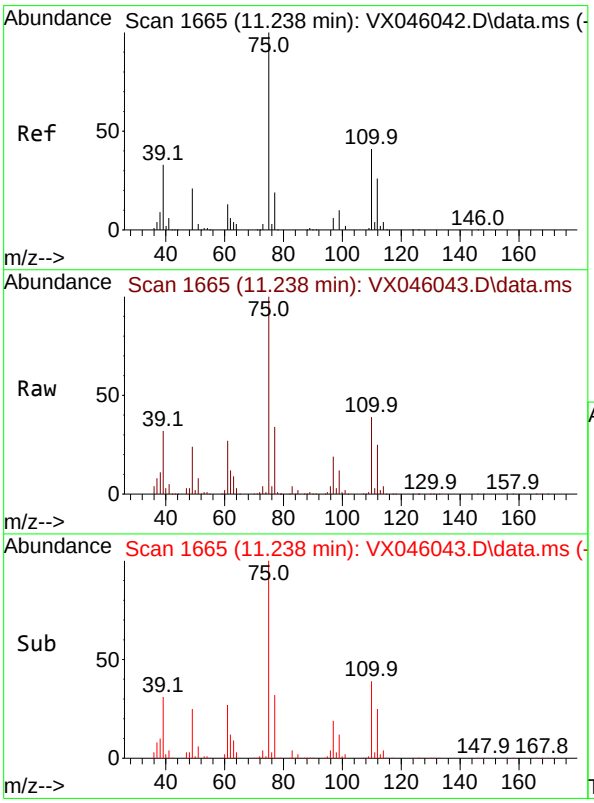
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.9	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

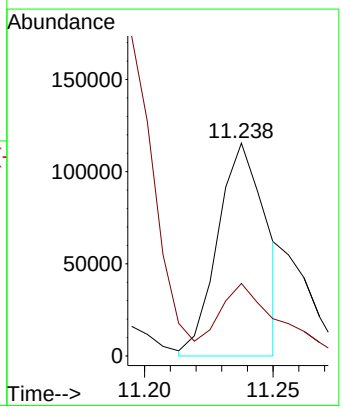
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

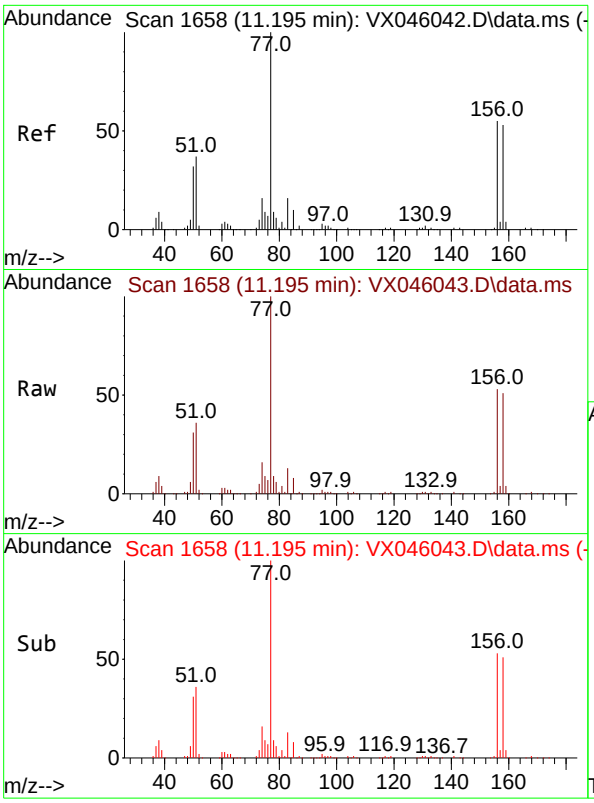


#76
1,2,3-Trichloropropane
Concen: 54.277 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 150182

Ion	Ratio	Lower	Upper
75	100		
77	42.2	20.5	61.5

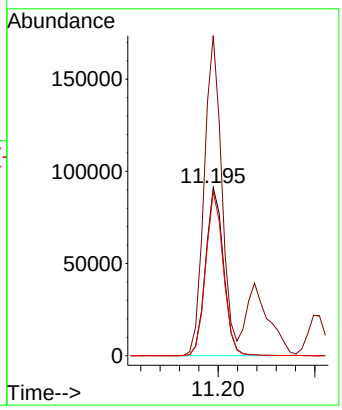




#77
Bromobenzene
Concen: 69.959 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:156 Resp: 11715

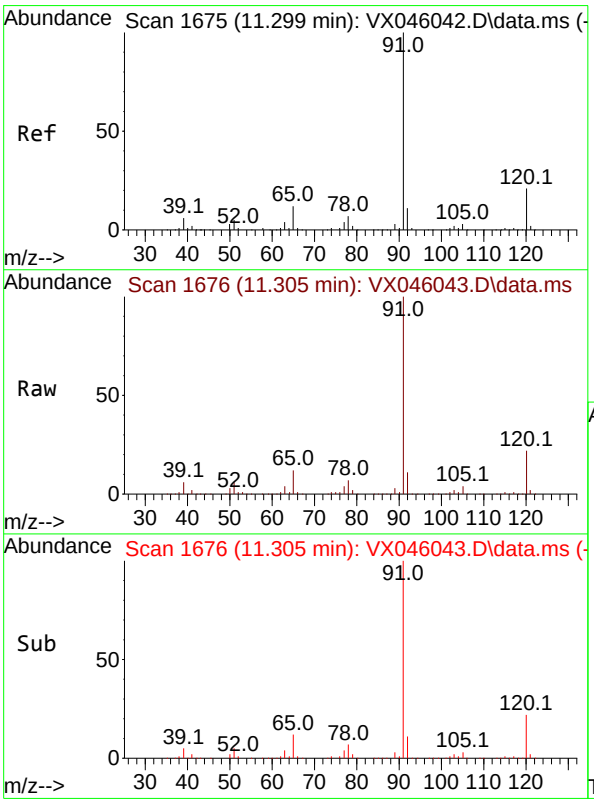
Ion	Ratio	Lower	Upper
156	100		
77	187.4	92.8	278.3
158	96.1	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

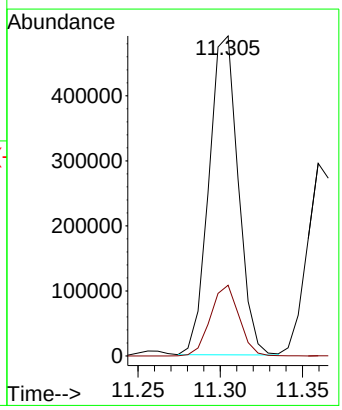
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

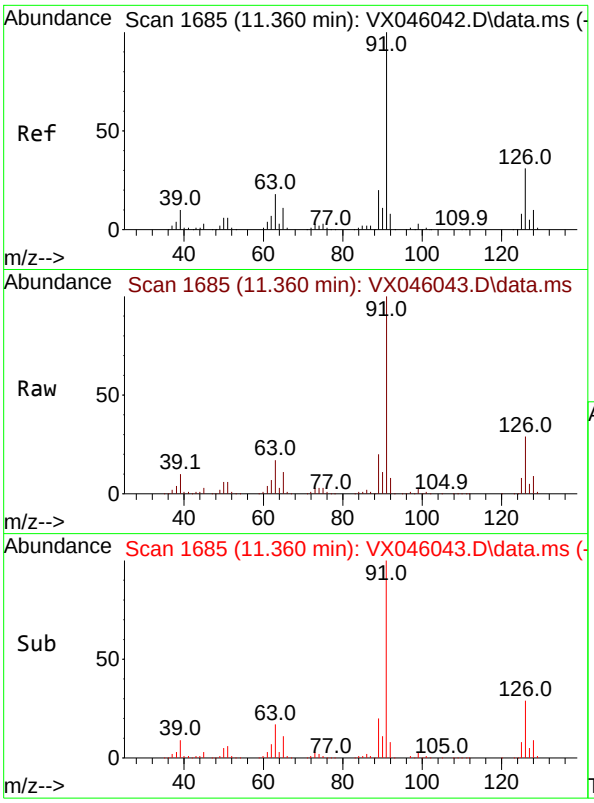


#78
n-propylbenzene
Concen: 74.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 608332

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





#79
2-Chlorotoluene
Concen: 68.100 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

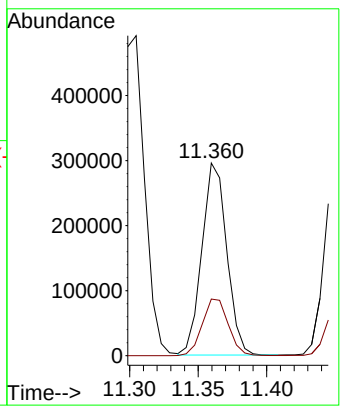
Tgt Ion: 91 Resp: 37239

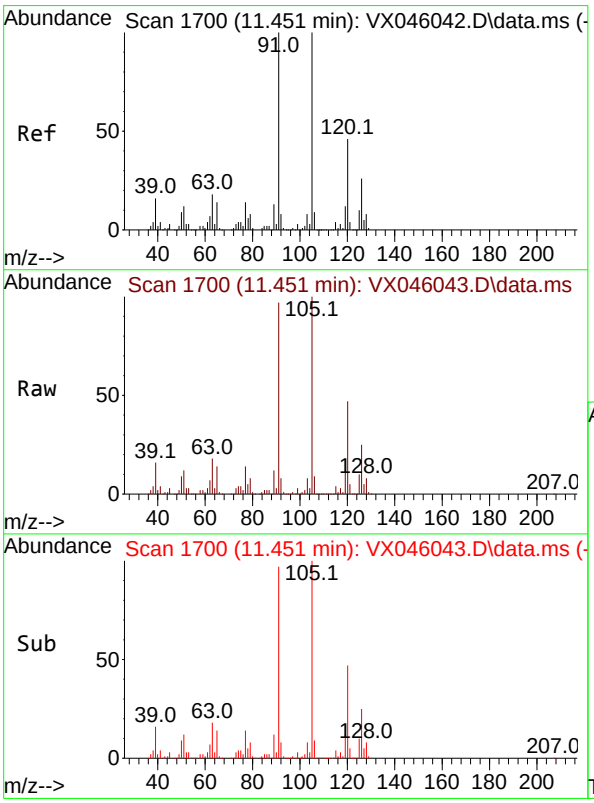
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

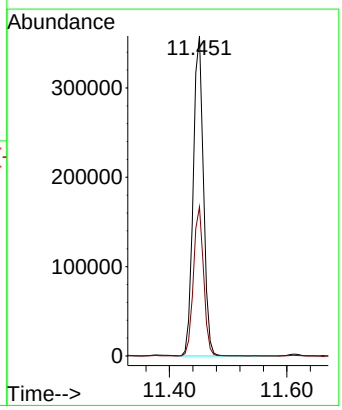


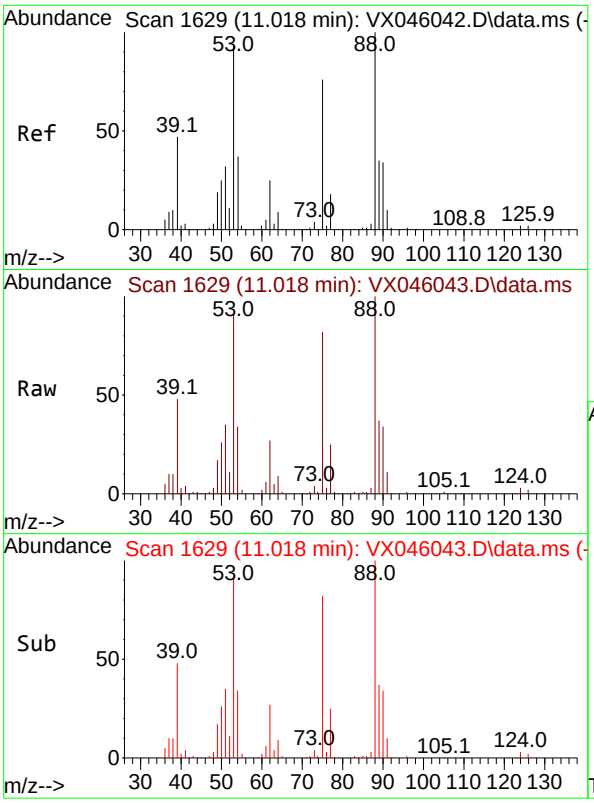


#80
1,3,5-Trimethylbenzene
Concen: 71.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 432096

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

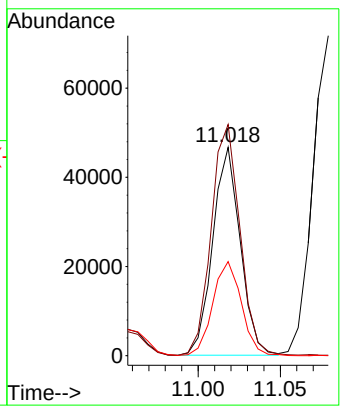




#81
trans-1,4-Dichloro-2-butene
Concen: 81.820 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 5439

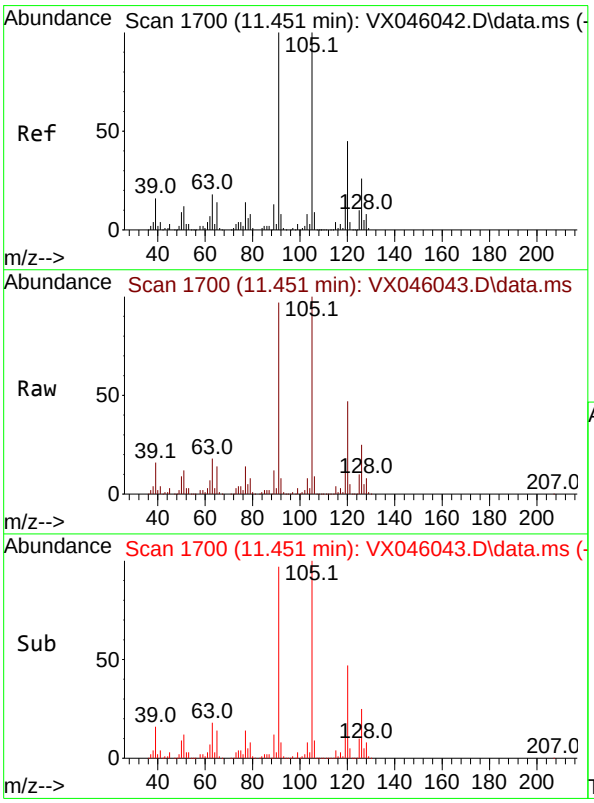
Ion	Ratio	Lower	Upper
75	100		
53	115.8	100.5	150.7
89	47.0	37.0	55.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

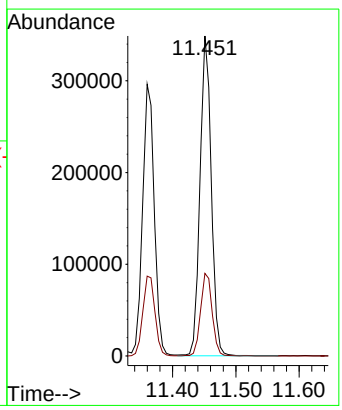
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

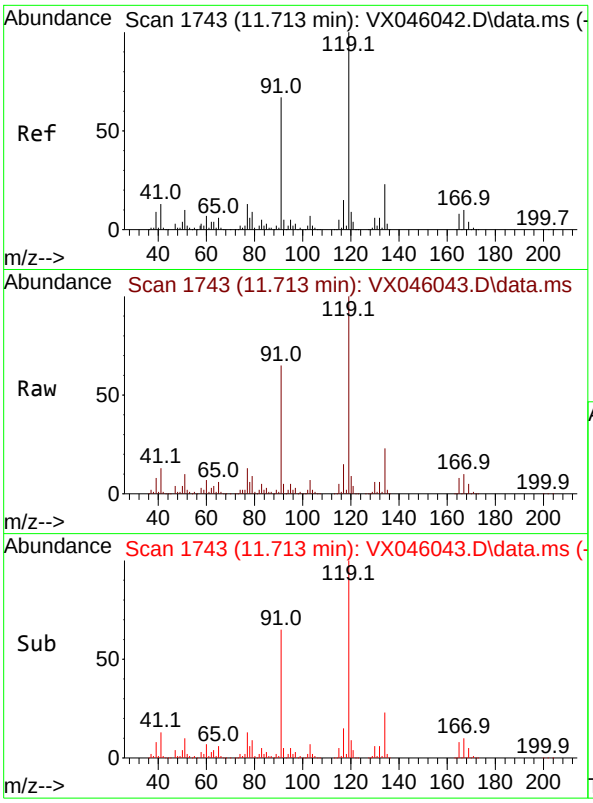


#82
4-Chlorotoluene
Concen: 71.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 432053

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8

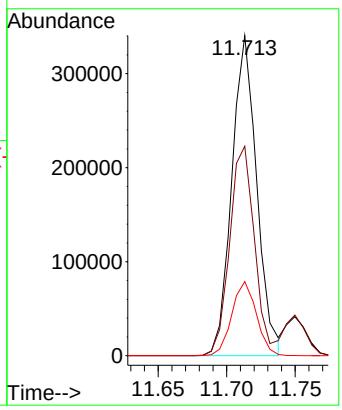




#83
tert-Butylbenzene
Concen: 73.197 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:119 Resp: 43201

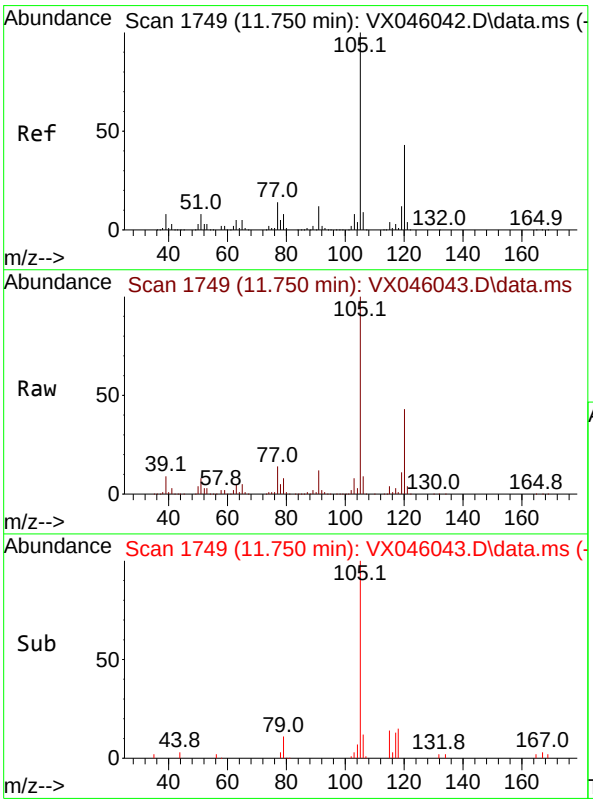
Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.9	98.7
134	22.8	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

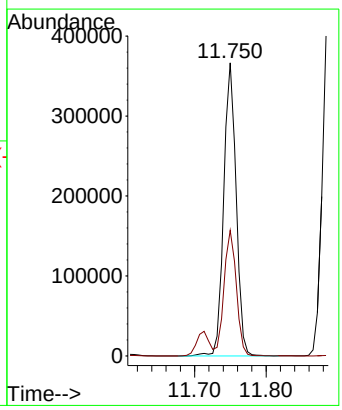
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

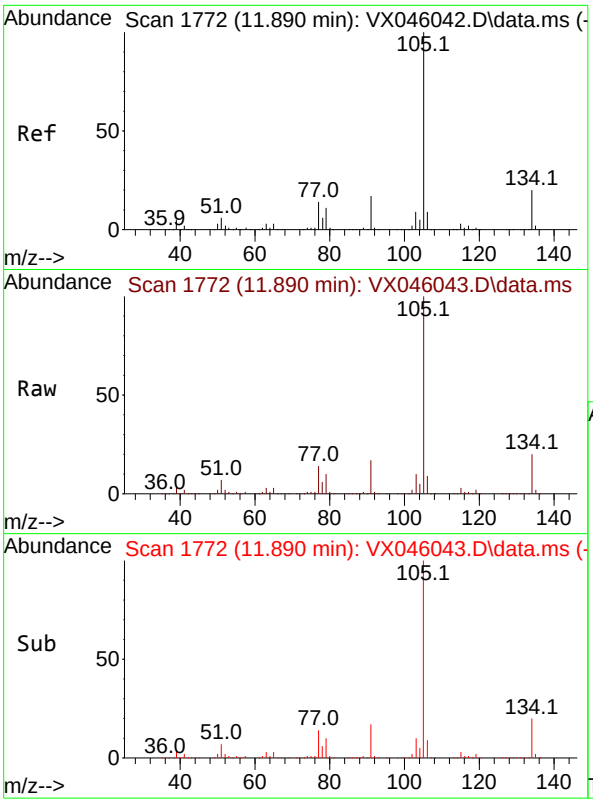


#84
1,2,4-Trimethylbenzene
Concen: 73.758 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 442728

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6

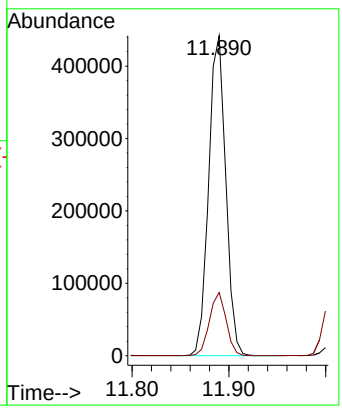




#85
sec-Butylbenzene
Concen: 74.188 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 54359

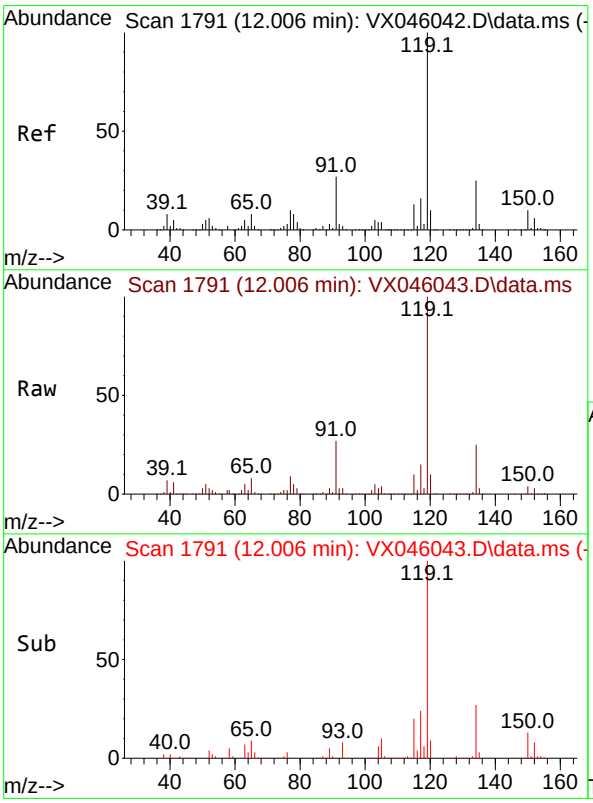
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

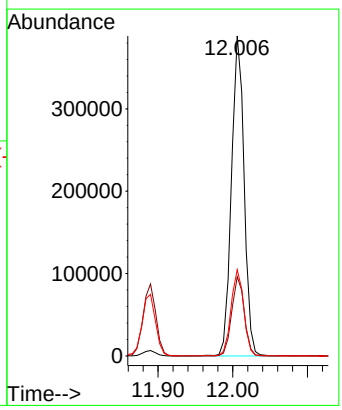
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

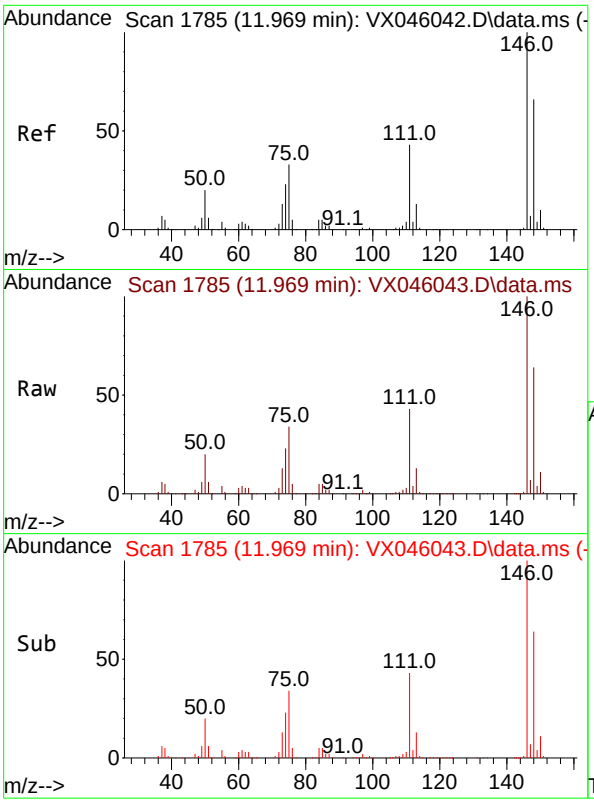


#86
p-Isopropyltoluene
Concen: 77.393 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:119 Resp: 457898

Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.5	37.5
91	26.8	13.8	41.4

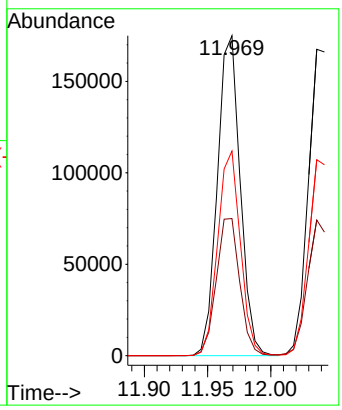




#87
1,3-Dichlorobenzene
Concen: 70.449 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:146 Resp: 21975

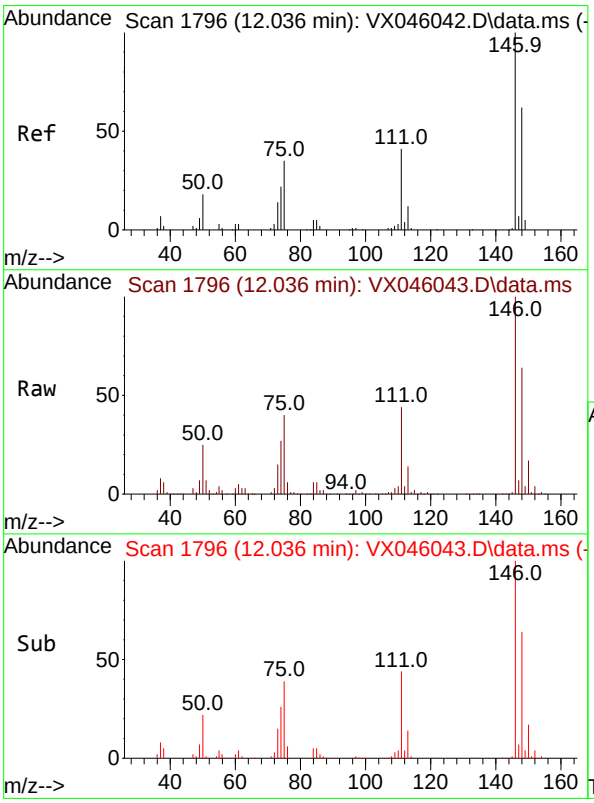
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	63.5	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

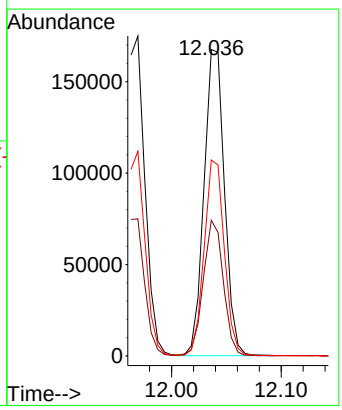
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

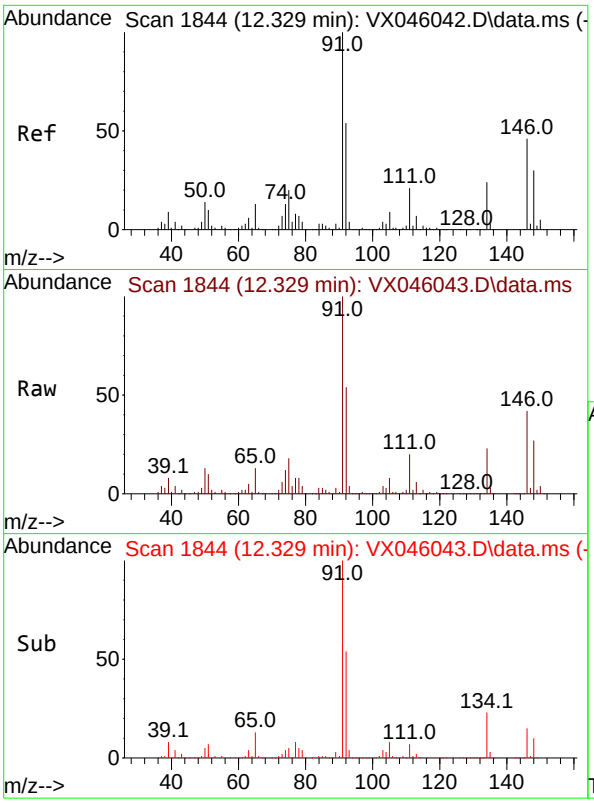


#88
1,4-Dichlorobenzene
Concen: 71.190 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:146 Resp: 217613

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	63.2	31.9	95.5

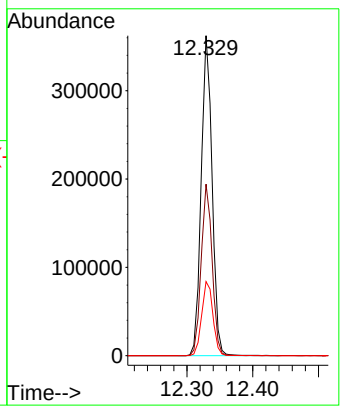




#89
n-Butylbenzene
Concen: 80.996 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 41660

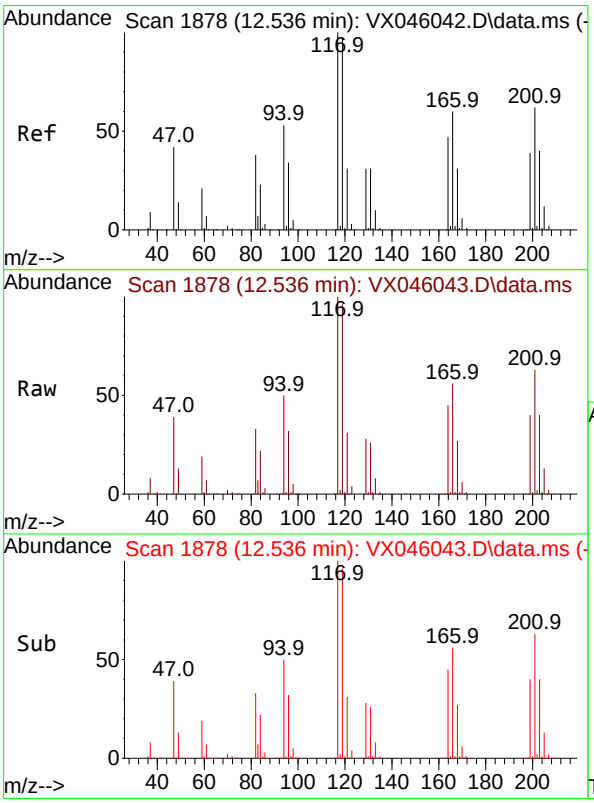
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	24.0	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

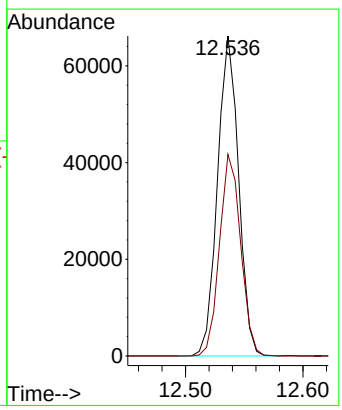
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

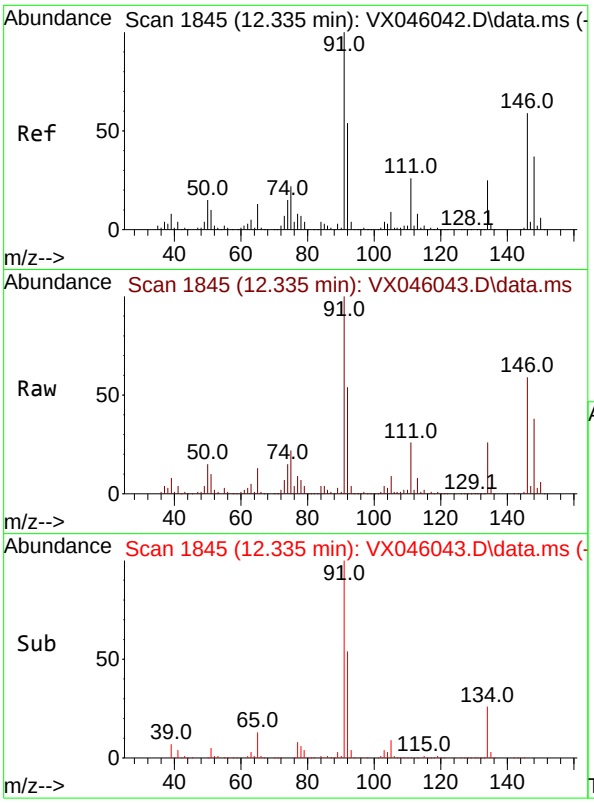


#90
Hexachloroethane
Concen: 74.978 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:117 Resp: 82528

Ion	Ratio	Lower	Upper
117	100		
201	63.3	31.6	94.7

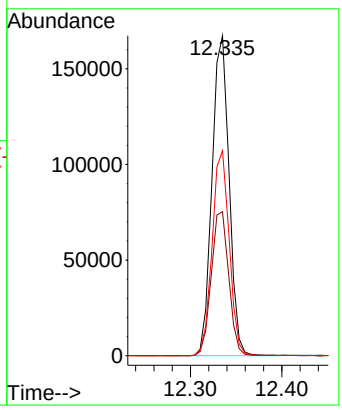




#91
1,2-Dichlorobenzene
Concen: 71.367 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:146 Resp: 21683

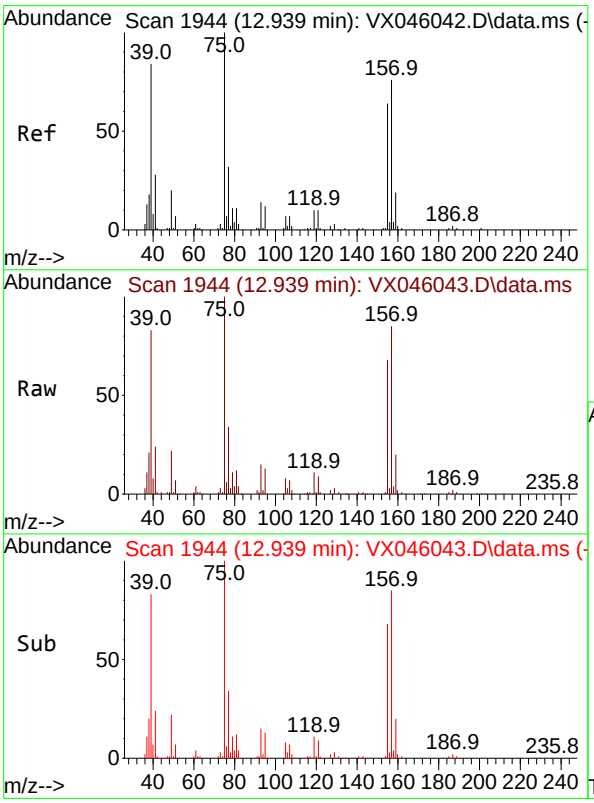
Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.4	67.3
148	64.0	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

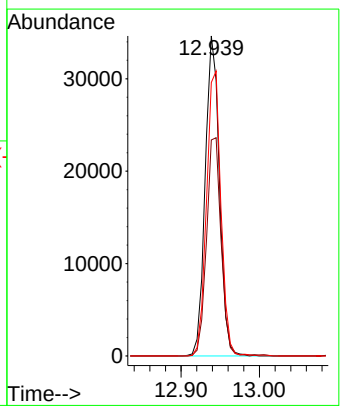
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

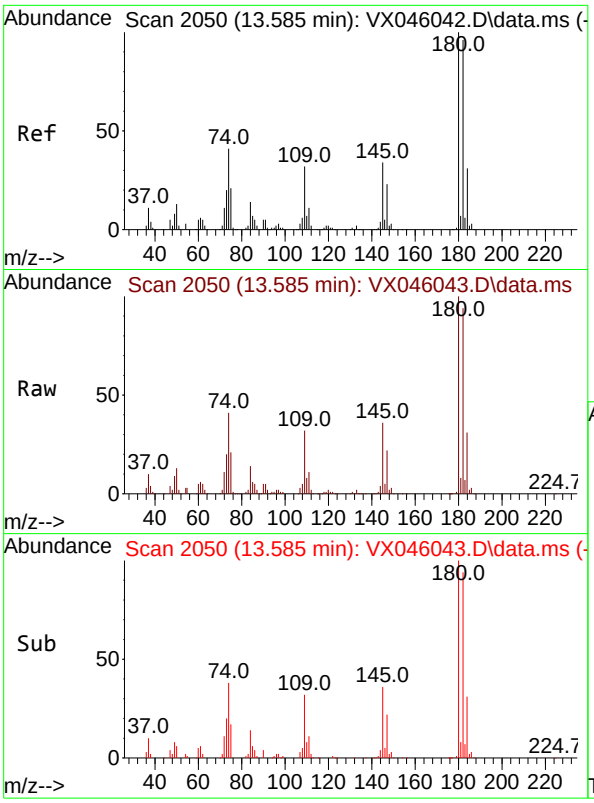


#92
1,2-Dibromo-3-Chloropropane
Concen: 74.512 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 43673

Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.9	104.8
157	90.1	43.8	131.4





#93
1,2,4-Trichlorobenzene
Concen: 82.605 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

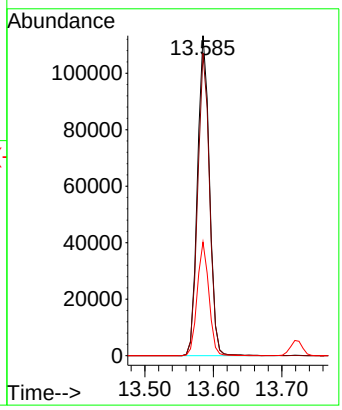
Tgt Ion:180 Resp: 13743

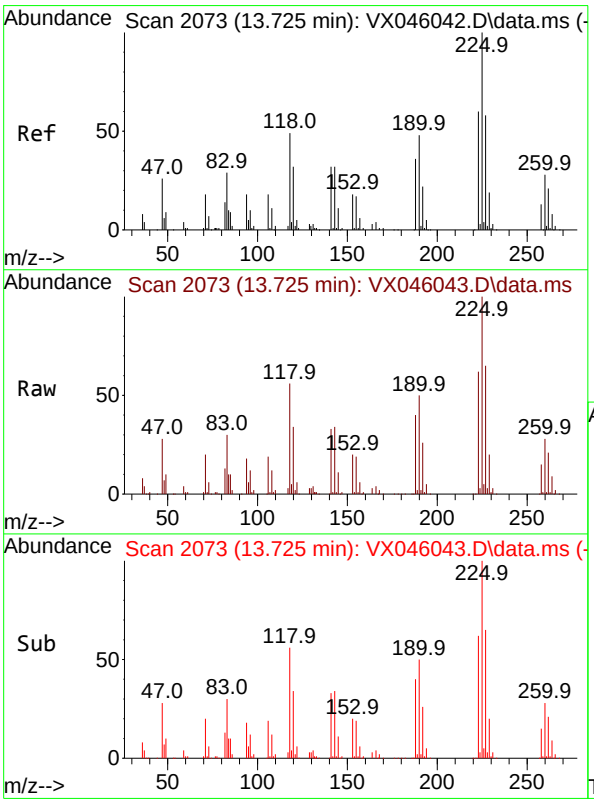
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.8
145	34.6	17.1	51.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

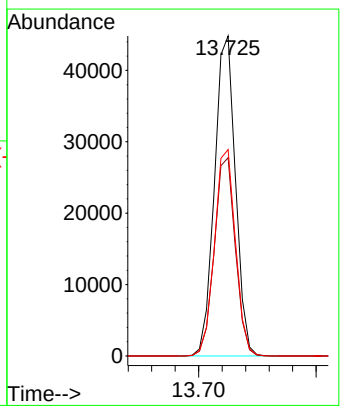


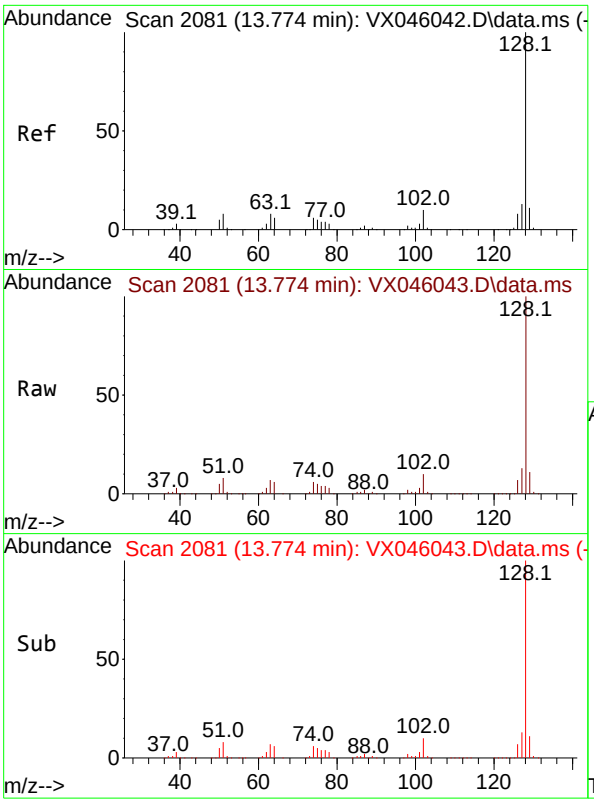


#94
Hexachlorobutadiene
Concen: 71.314 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:225 Resp: 55494

Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.8	92.4
227	64.9	30.9	92.7

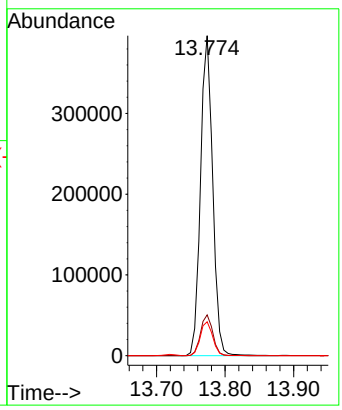




#95
Naphthalene
Concen: 80.842 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:128 Resp: 48977

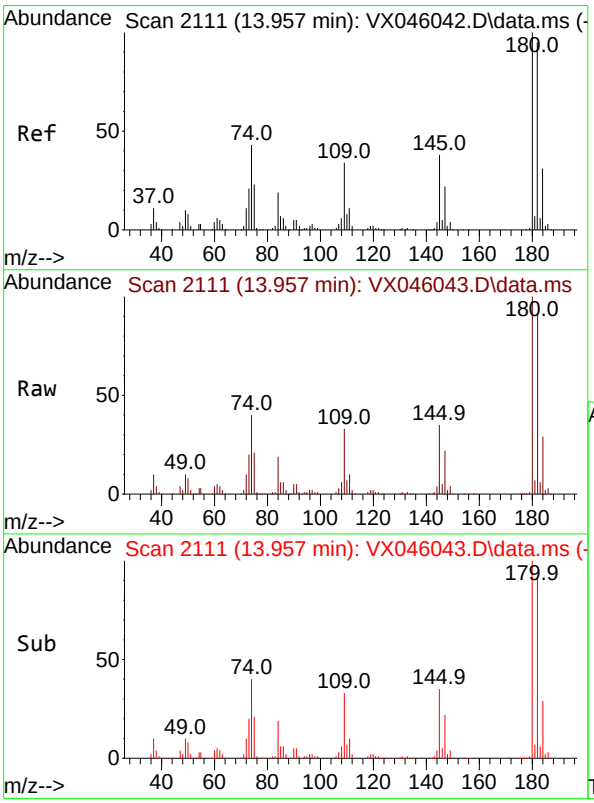
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

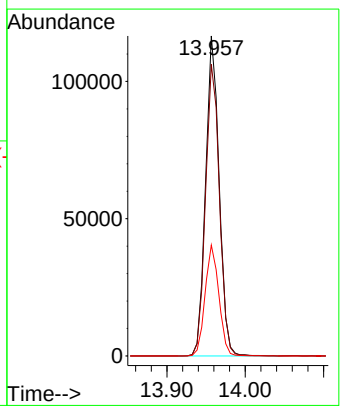
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 79.981 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:180 Resp: 139525

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.8	143.3
145	35.3	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60345	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	231952	93.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 187.960%#			
35) Dibromofluoromethane	5.385	113	160168	98.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.120%#			
50) Toluene-d8	8.647	98	554390	101.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.500%#			
62) 4-Bromofluorobenzene	11.079	95	217536	109.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 218.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	217793	118.929	ug/l	98
3) Chloromethane	1.307	50	196843	109.161	ug/l	99
4) Vinyl Chloride	1.374	62	187924	118.953	ug/l	100
5) Bromomethane	1.593	94	83008	103.625	ug/l	95
6) Chloroethane	1.660	64	78806	96.822	ug/l	98
7) Trichlorofluoromethane	1.868	101	245108	101.851	ug/l	97
8) Diethyl Ether	2.136	74	88441	111.791	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	161404	112.243	ug/l	99
10) Methyl Iodide	2.441	142	189843	112.441	ug/l	100
11) Tert butyl alcohol	3.002	59	181238	616.119	ug/l	100
12) 1,1-Dichloroethene	2.307	96	155451	111.039	ug/l	99
13) Acrolein	2.239	56	203257	594.872	ug/l	98
14) Allyl chloride	2.654	41	297776	112.561	ug/l	98
15) Acrylonitrile	3.069	53	484854	550.973	ug/l	98
16) Acetone	2.392	43	460820	545.754	ug/l	98
17) Carbon Disulfide	2.502	76	397353	122.499	ug/l	100
18) Methyl Acetate	2.709	43	217885	108.099	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	557210	114.112	ug/l	100
20) Methylene Chloride	2.782	84	172035	100.579	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	154694	108.241	ug/l	96
22) Diisopropyl ether	3.764	45	577610	116.858	ug/l	90
23) Vinyl Acetate	3.721	43	2655751	608.005	ug/l	100
24) 1,1-Dichloroethane	3.605	63	320083	110.182	ug/l	99
25) 2-Butanone	4.562	43	708463	581.292	ug/l	98
26) 2,2-Dichloropropane	4.471	77	258698	117.548	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	187835	108.994	ug/l	99
28) Bromochloromethane	4.898	49	146923	95.108	ug/l	100
29) Tetrahydrofuran	5.007	42	450456	569.081	ug/l	99
30) Chloroform	5.087	83	323659	107.208	ug/l	95
31) Cyclohexane	5.458	56	286312	116.934	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	295702	113.572	ug/l	98
36) 1,1-Dichloropropene	5.684	75	219731	116.462	ug/l	99
37) Ethyl Acetate	4.715	43	274312	115.889	ug/l	99
38) Carbon Tetrachloride	5.666	117	250916	115.760	ug/l	99
39) Methylcyclohexane	7.373	83	286311	121.107	ug/l	97
40) Benzene	6.031	78	642178	109.813	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	151424	115.139	ug/l		98
42) 1,2-Dichloroethane	6.080	62	271992	112.492	ug/l		99
43) Isopropyl Acetate	6.342	43	447871	123.780	ug/l		100
44) Trichloroethene	7.117	130	157641	114.032	ug/l		96
45) 1,2-Dichloropropane	7.428	63	164505	113.217	ug/l		99
46) Dibromomethane	7.574	93	125846	109.869	ug/l		100
47) Bromodichloromethane	7.818	83	258326	116.365	ug/l		98
48) Methyl methacrylate	7.690	41	231040	124.356	ug/l		99
49) 1,4-Dioxane	7.665	88	82800	2241.695	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	1371275	577.831	ug/l		100
52) Toluene	8.714	92	393323	113.430	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	257233	138.001	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	271054	124.658	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	154932	110.551	ug/l		97
56) Ethyl methacrylate	9.116	69	277921	127.968	ug/l		99
57) 1,3-Dichloropropane	9.305	76	272814	109.813	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	680608	697.344	ug/l		100
59) 2-Hexanone	9.433	43	1028597	571.094	ug/l		99
60) Dibromochloromethane	9.519	129	187497	122.915	ug/l		98
61) 1,2-Dibromoethane	9.604	107	165634	115.087	ug/l		97
64) Tetrachloroethene	9.269	164	132488	100.918	ug/l		96
65) Chlorobenzene	10.080	112	429656	108.615	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	152173	115.333	ug/l		99
67) Ethyl Benzene	10.189	91	785121	116.421	ug/l		99
68) m/p-Xylenes	10.299	106	570913	234.349	ug/l		100
69) o-Xylene	10.640	106	279906	113.990	ug/l		99
70) Styrene	10.653	104	474254	120.694	ug/l		99
71) Bromoform	10.799	173	125986	127.128	ug/l	#	99
73) Isopropylbenzene	10.957	105	752337	114.312	ug/l		99
74) N-amyl acetate	10.842	43	396877	120.944	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	243532	104.018	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	213744m	84.960	ug/l		
77) Bromobenzene	11.195	156	167934	110.297	ug/l		99
78) n-propylbenzene	11.305	91	881218	119.448	ug/l		100
79) 2-Chlorotoluene	11.360	91	534560	107.514	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	616477	112.825	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	81372	134.609	ug/l		93
82) 4-Chlorotoluene	11.451	91	611736	111.948	ug/l		100
83) tert-Butylbenzene	11.713	119	617473	115.065	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	623456	114.236	ug/l		99
85) sec-Butylbenzene	11.890	105	786293	118.023	ug/l		99
86) p-Isopropyltoluene	12.006	119	651531	121.113	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	313100	110.394	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	311752	112.167	ug/l		100
89) n-Butylbenzene	12.329	91	605783	129.533	ug/l		100
90) Hexachloroethane	12.536	117	123188	123.091	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	308039	111.506	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64438	120.915	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	203255	134.366	ug/l		98
94) Hexachlorobutadiene	13.719	225	80558	113.857	ug/l		99
95) Naphthalene	13.774	128	721236	130.929	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	200379	126.331	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

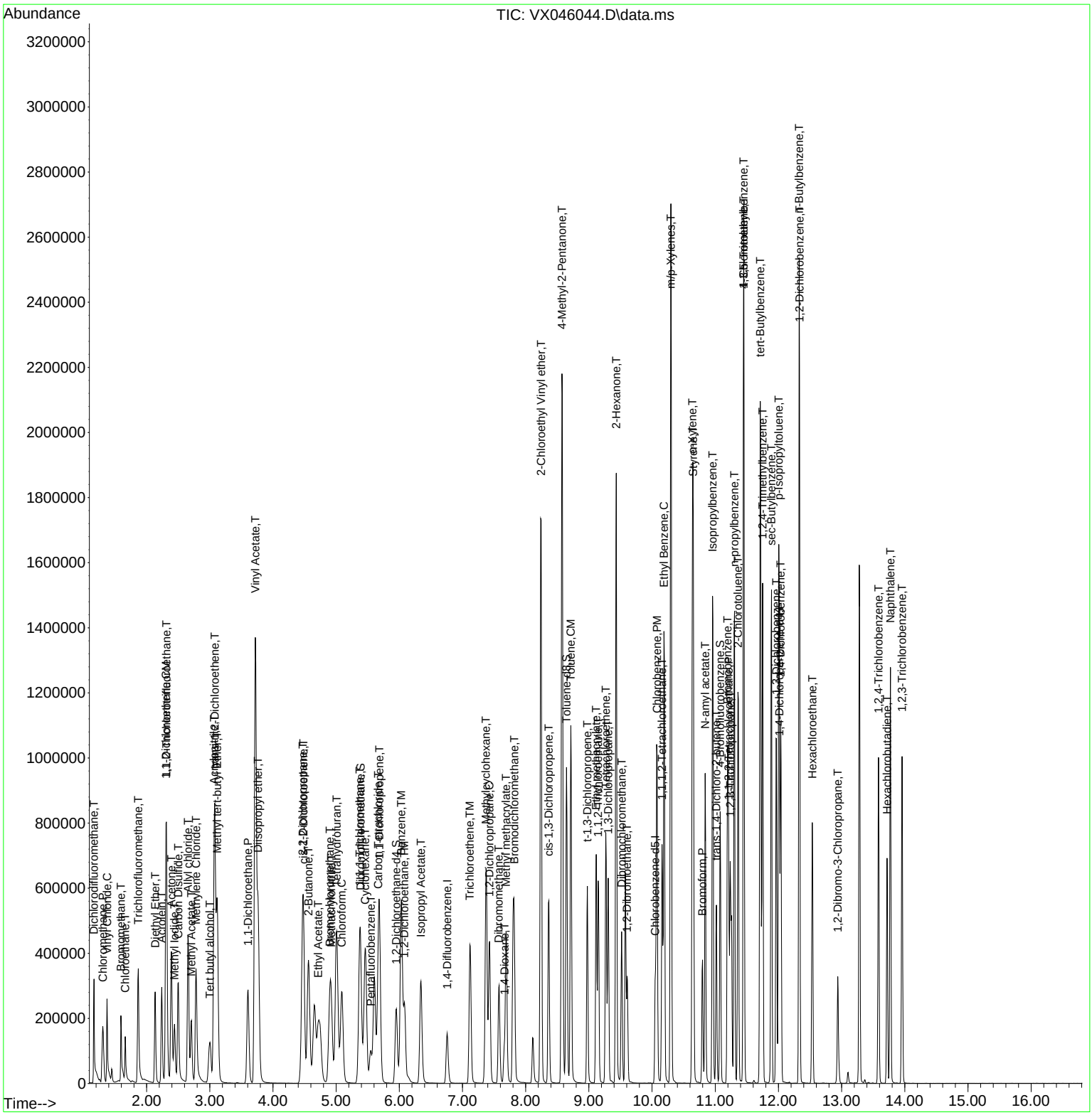
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

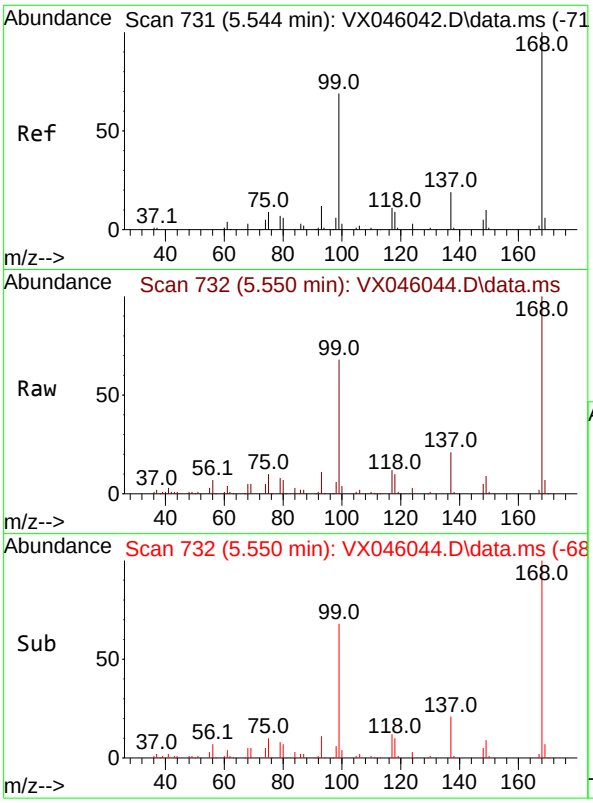
Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

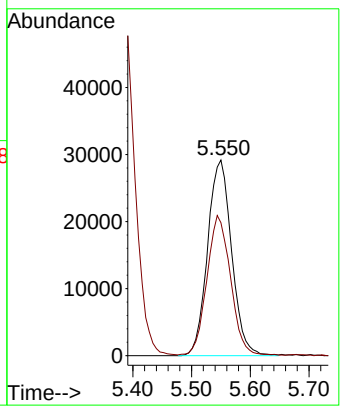




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:168 Resp: 8296

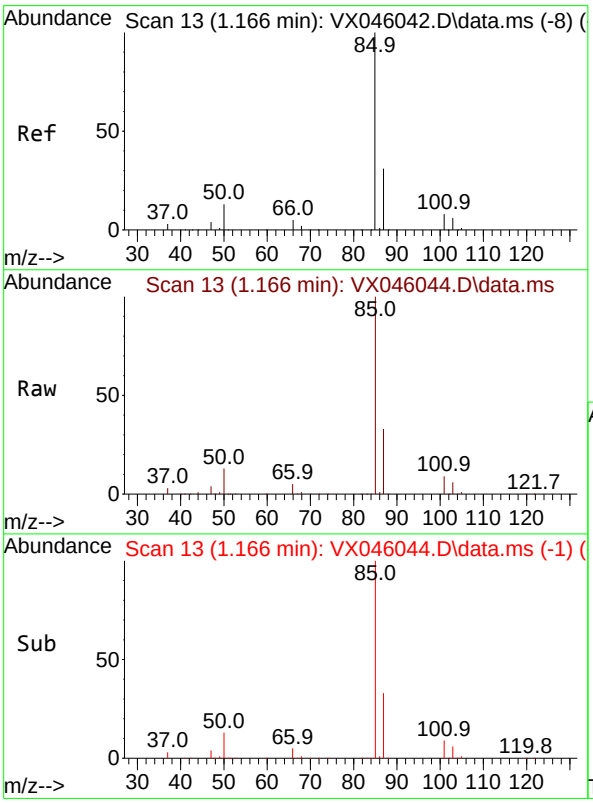
Ion	Ratio	Lower	Upper
168	100		
99	67.6	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

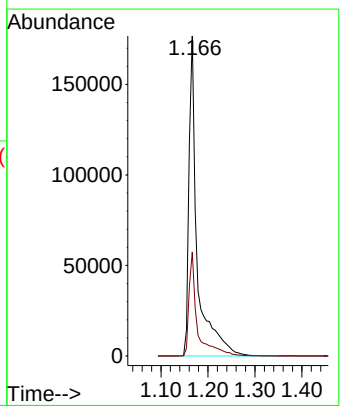
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

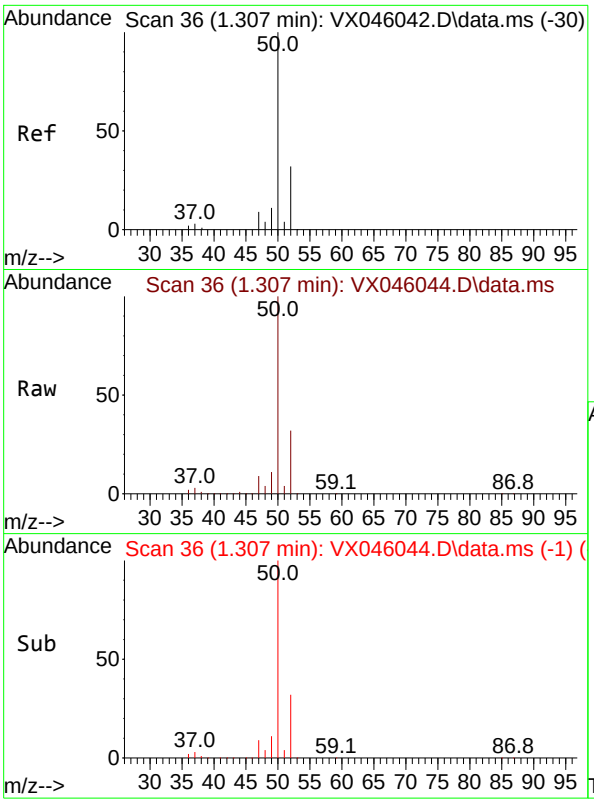


#2
Dichlorodifluoromethane
Concen: 118.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 85 Resp: 217793

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1

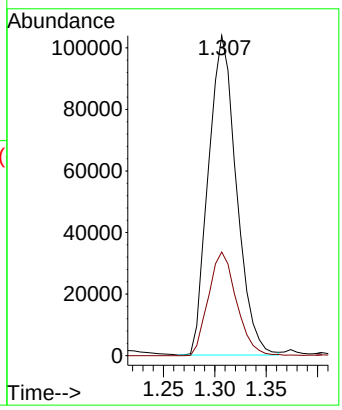




#3
Chloromethane
Concen: 109.161 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 50 Resp: 19684

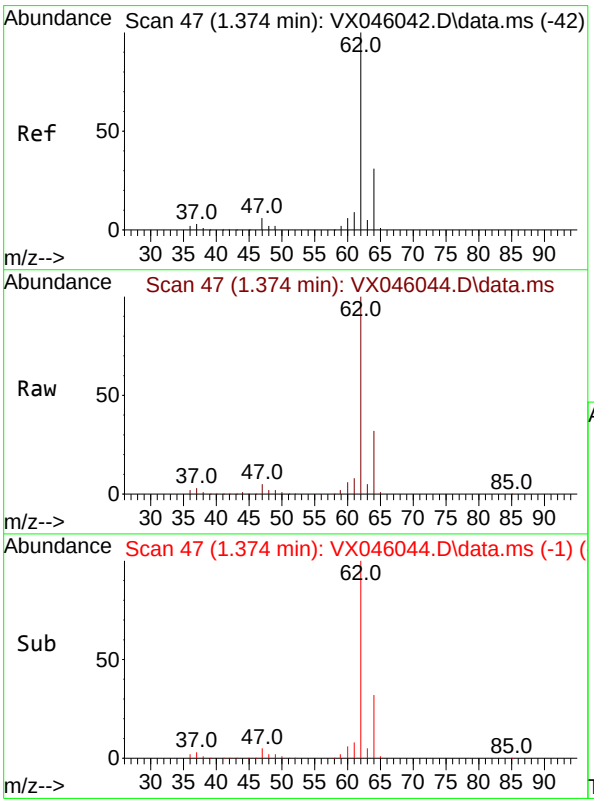
Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

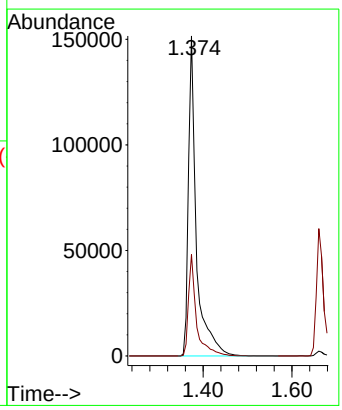
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

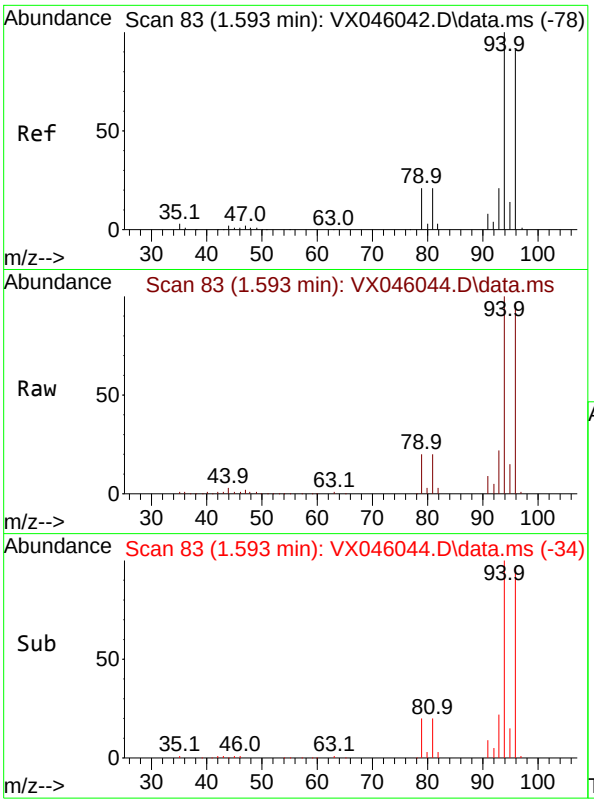


#4
Vinyl Chloride
Concen: 118.953 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 62 Resp: 187924

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.2	37.8

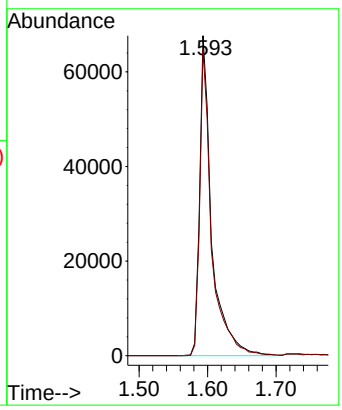




#5
Bromomethane
Concen: 103.625 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 94 Resp: 8300

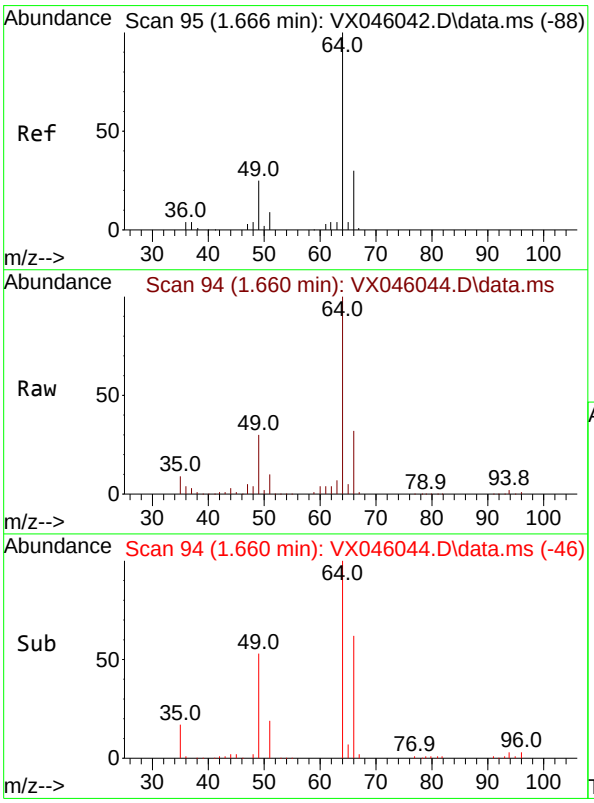
Ion	Ratio	Lower	Upper
94	100		
96	95.8	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

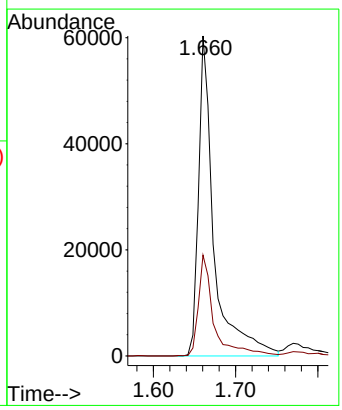
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

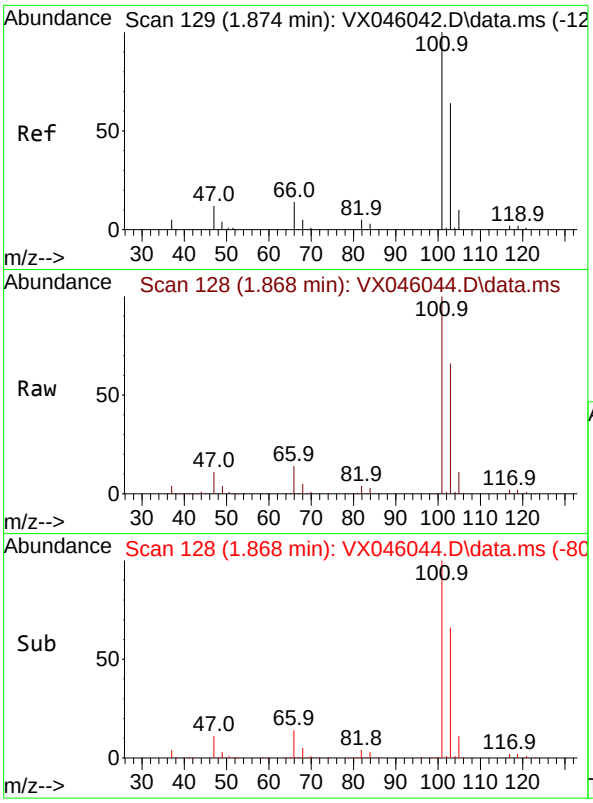


#6
Chloroethane
Concen: 96.822 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 64 Resp: 78806

Ion	Ratio	Lower	Upper
64	100		
66	31.3	24.3	36.5

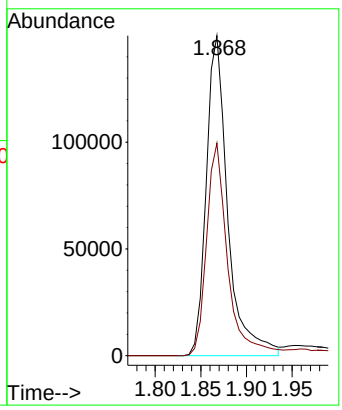




#7
Trichlorofluoromethane
Concen: 101.851 ug/l
RT: 1.868 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:101 Resp: 24510

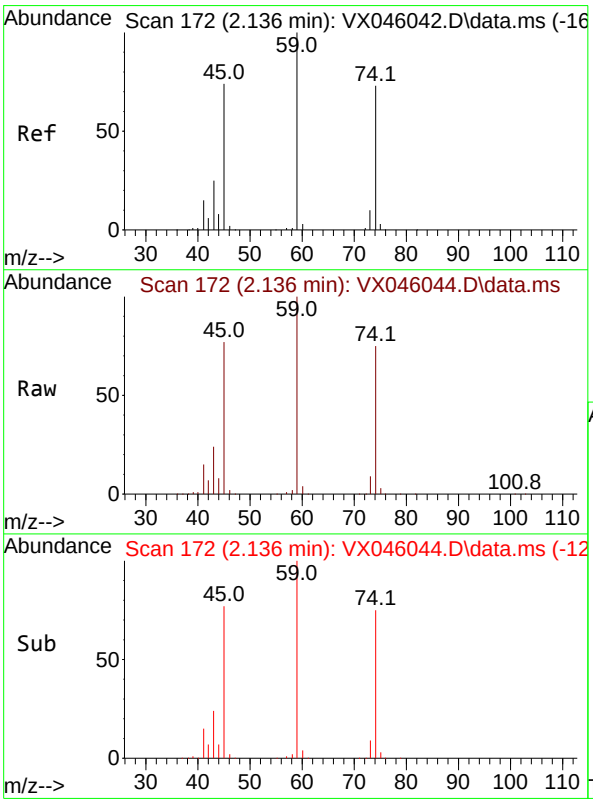
Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

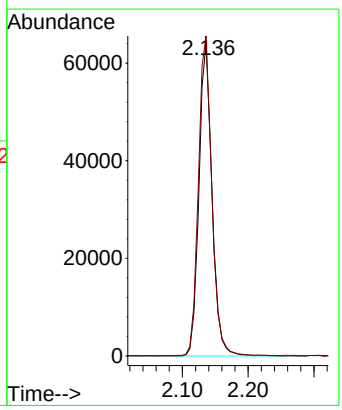
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

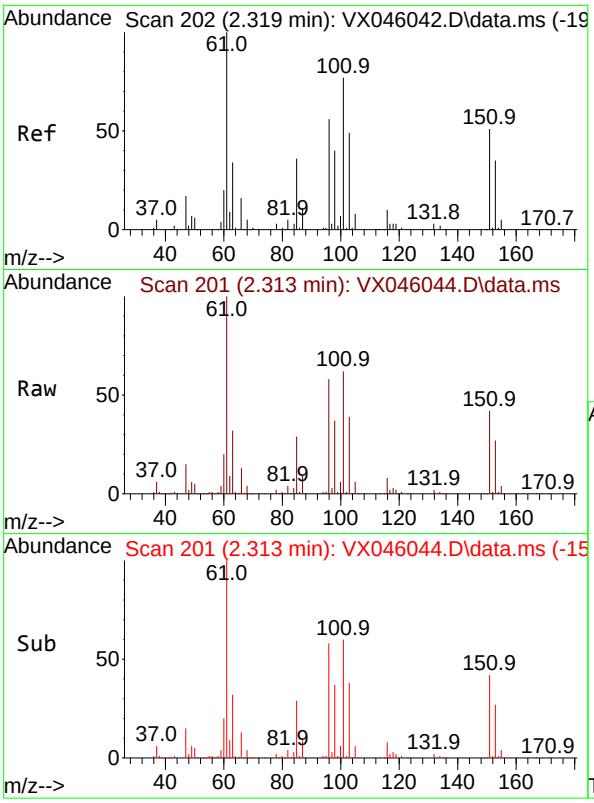


#8
Diethyl Ether
Concen: 111.791 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 74 Resp: 88441

Ion	Ratio	Lower	Upper
74	100		
45	104.7	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 112.243 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

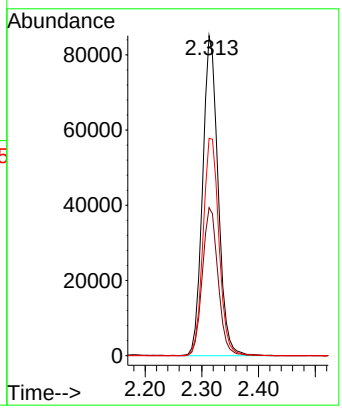
Tgt Ion:101 Resp: 16140

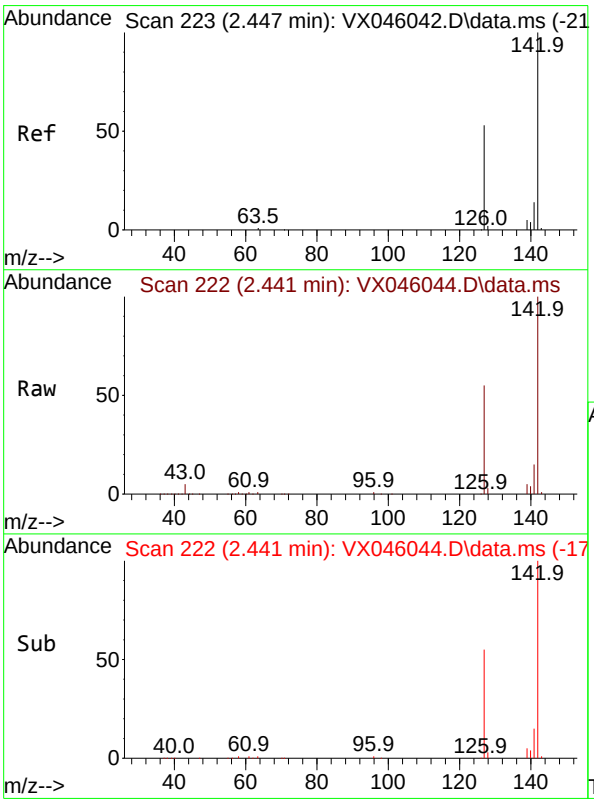
Ion	Ratio	Lower	Upper
101	100		
85	46.8	38.6	58.0
151	69.8	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

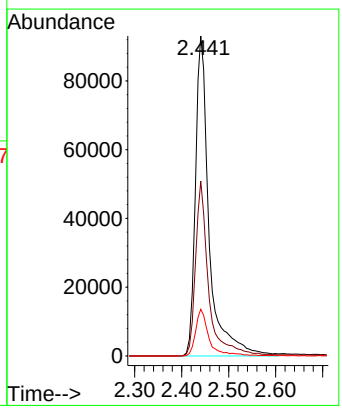


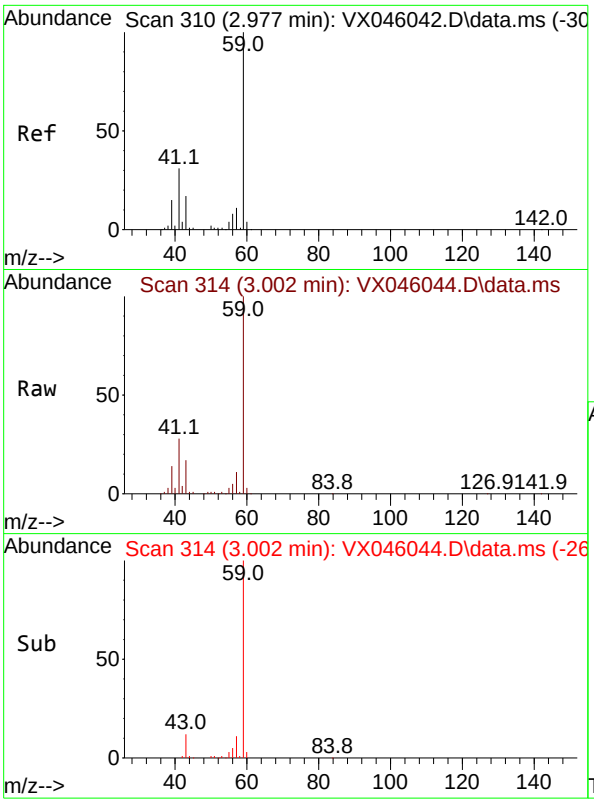


#10
Methyl Iodide
Concen: 112.441 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:142 Resp: 189843

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.7	62.5
141	14.4	11.5	17.3

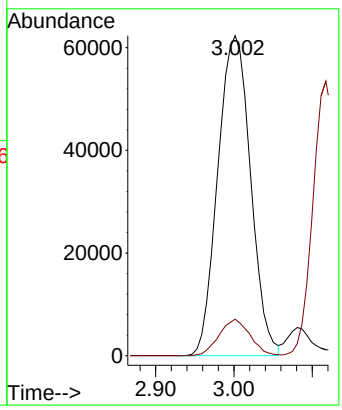




#11
Tert butyl alcohol
Concen: 616.119 ug/l
RT: 3.002 min Scan# 3
Delta R.T. 0.024 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 59 Resp: 18123

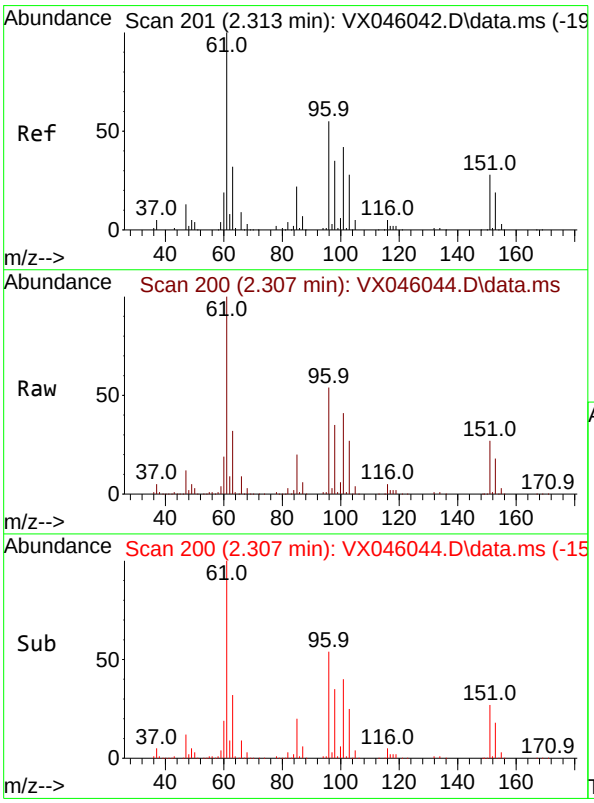
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

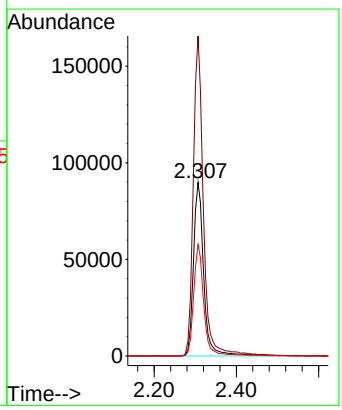
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

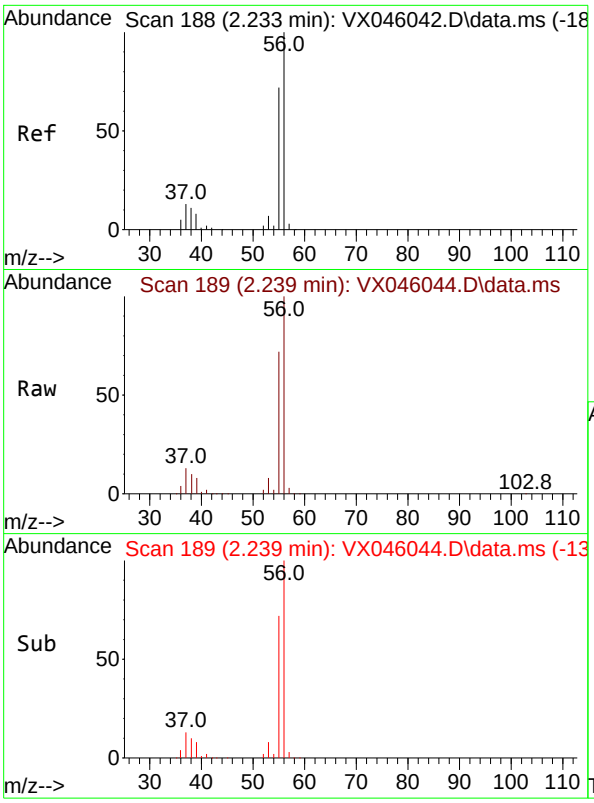


#12
1,1-Dichloroethene
Concen: 111.039 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 96 Resp: 155451

Ion	Ratio	Lower	Upper
96	100		
61	184.5	146.2	219.2
98	64.3	51.0	76.6

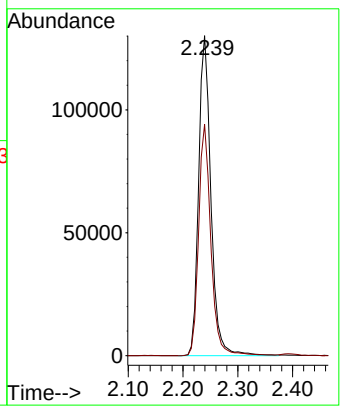




#13
Acrolein
Concen: 594.872 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 56 Resp: 20325

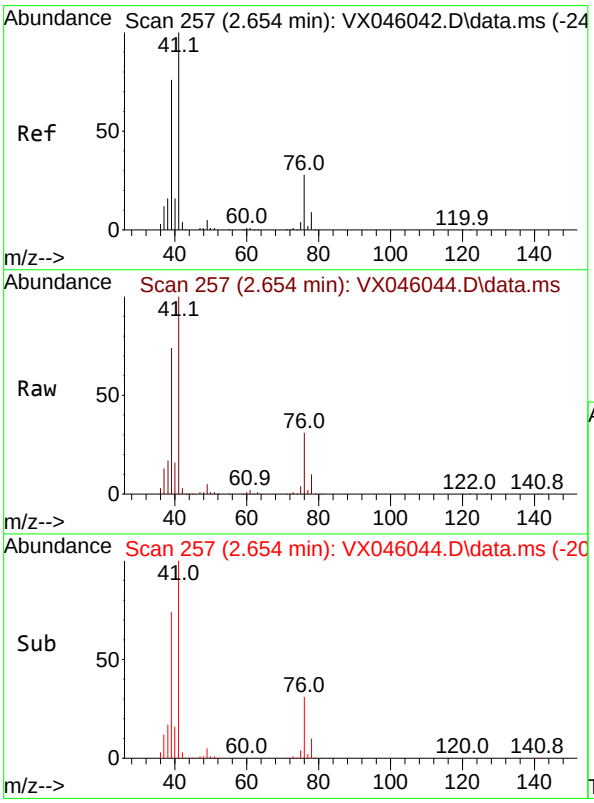
Ion	Ratio	Lower	Upper
56	100		
55	72.1	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

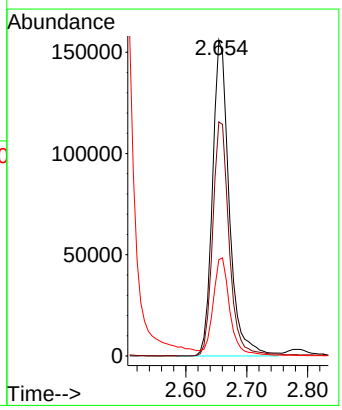
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

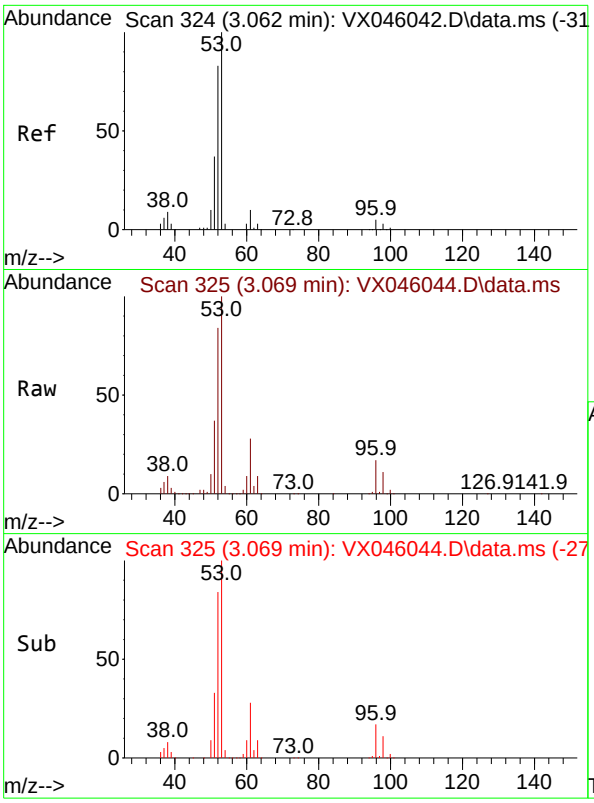


#14
Allyl chloride
Concen: 112.561 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 41 Resp: 297776

Ion	Ratio	Lower	Upper
41	100		
39	73.7	60.6	90.8
76	31.8	24.9	37.3

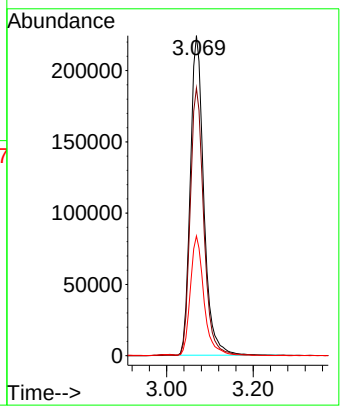




#15
Acrylonitrile
Concen: 550.973 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 53 Resp: 48485

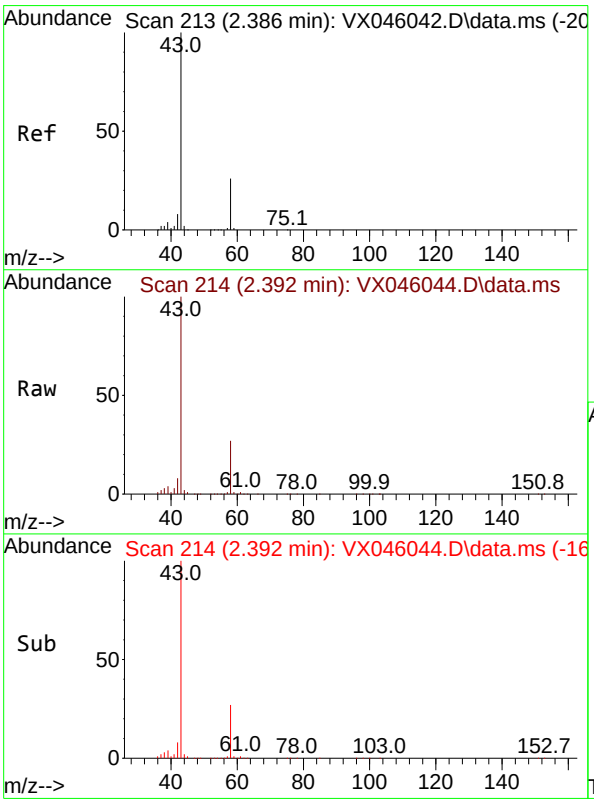
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.3	97.9
51	37.5	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

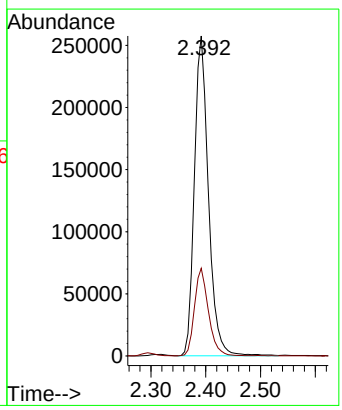
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

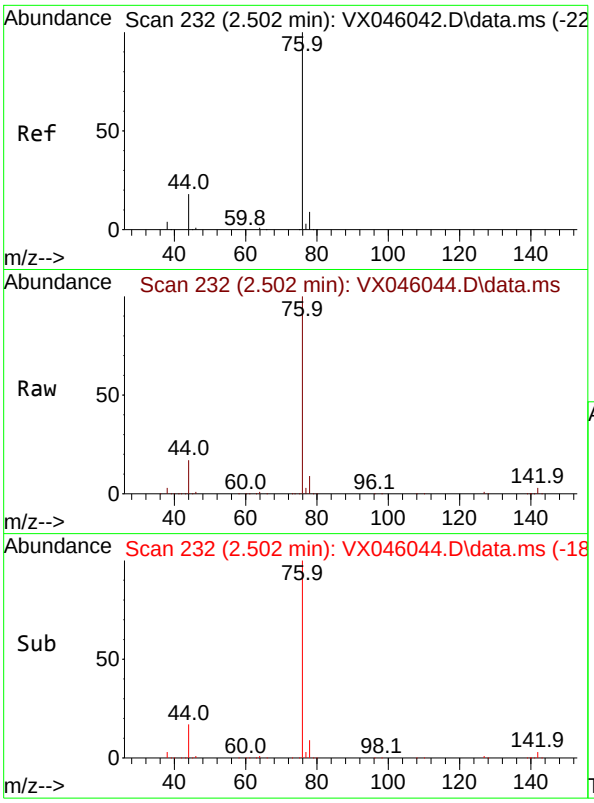


#16
Acetone
Concen: 545.754 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 460820

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.2	31.8

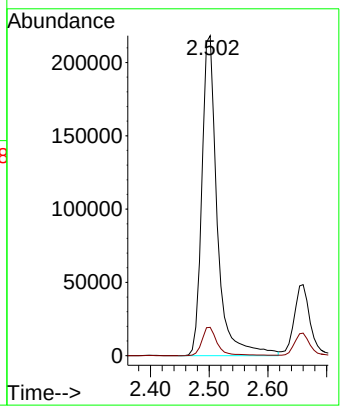




#17
Carbon Disulfide
Concen: 122.499 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 76 Resp: 39735

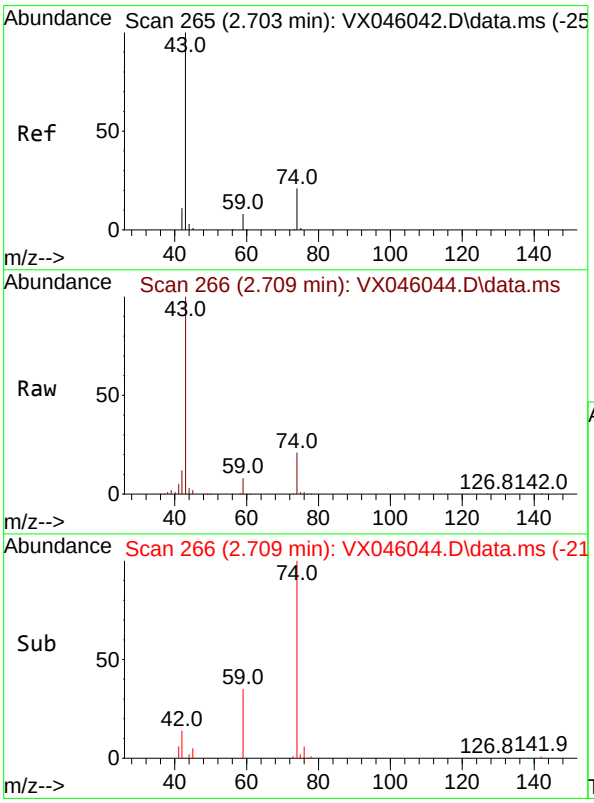
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

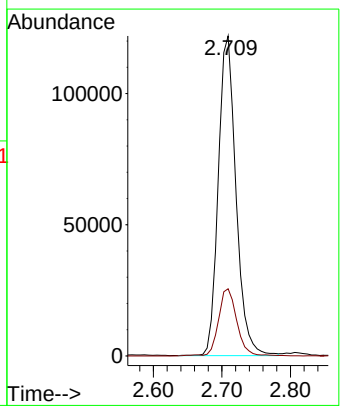
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

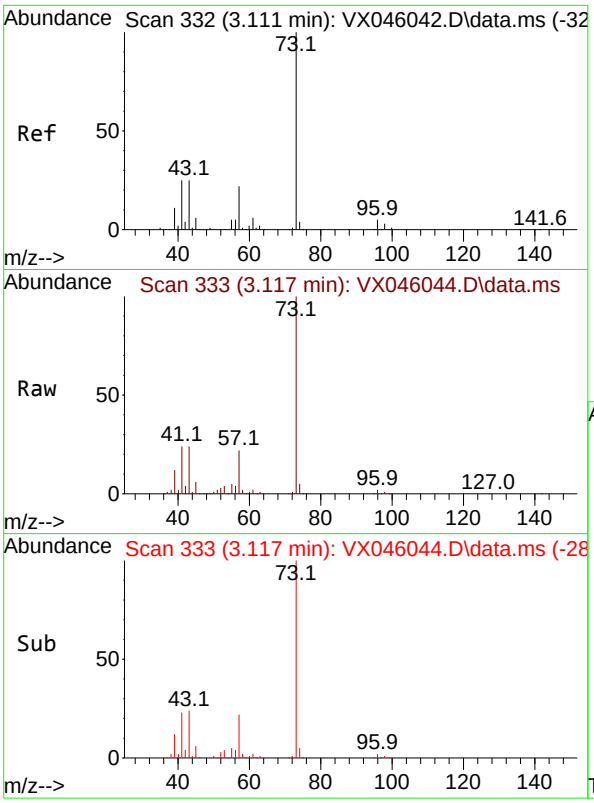


#18
Methyl Acetate
Concen: 108.099 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 217885

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1

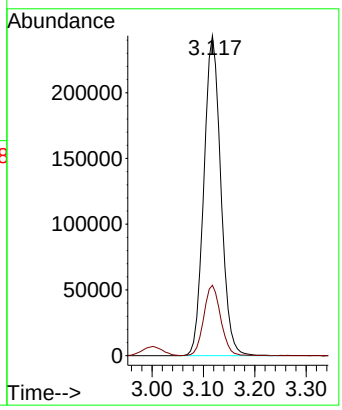




#19
Methyl tert-butyl Ether
Concen: 114.112 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 73 Resp: 55721

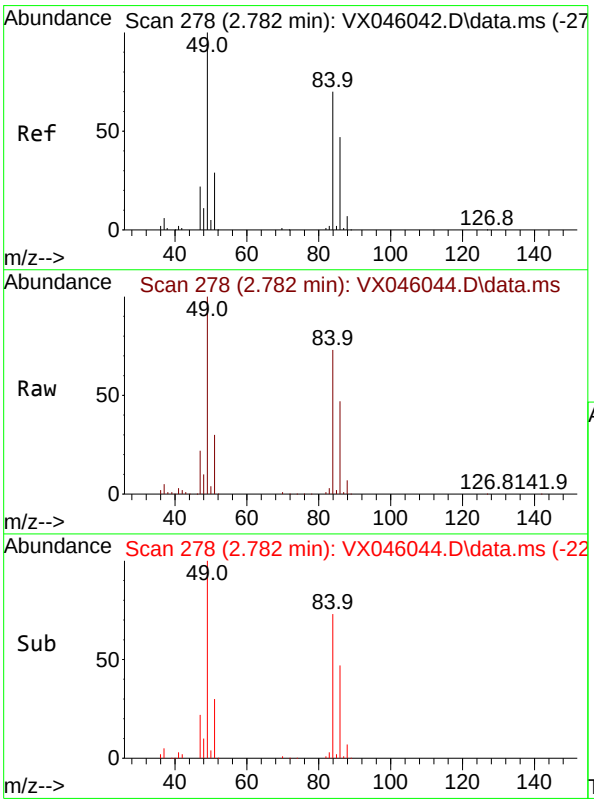
Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

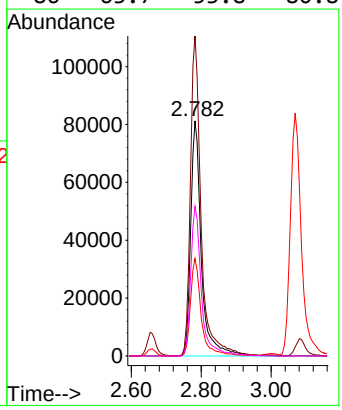
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

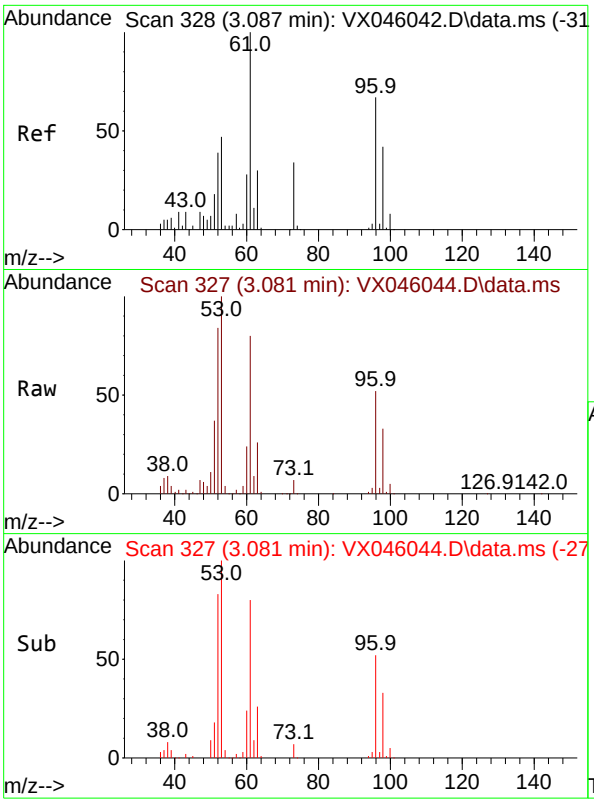


#20
Methylene Chloride
Concen: 100.579 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 84 Resp: 172035

Ion	Ratio	Lower	Upper
84	100		
49	136.0	113.9	170.9
51	41.5	33.5	50.3
86	63.7	53.8	80.8

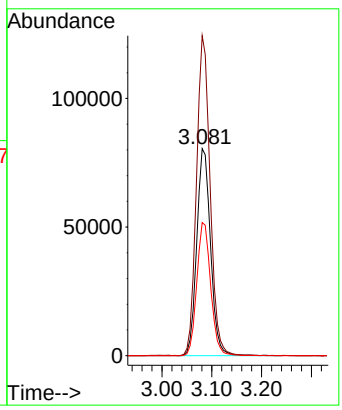




#21
trans-1,2-Dichloroethene
Concen: 108.241 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 96 Resp: 15469

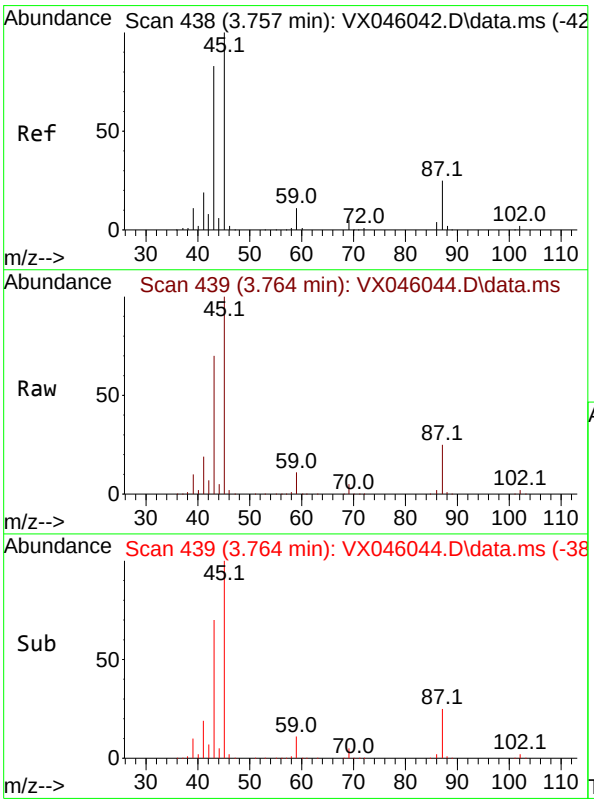
Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.5	179.3
98	64.3	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

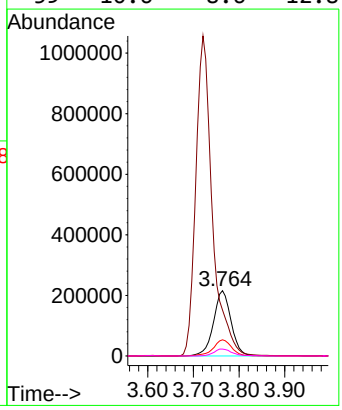
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

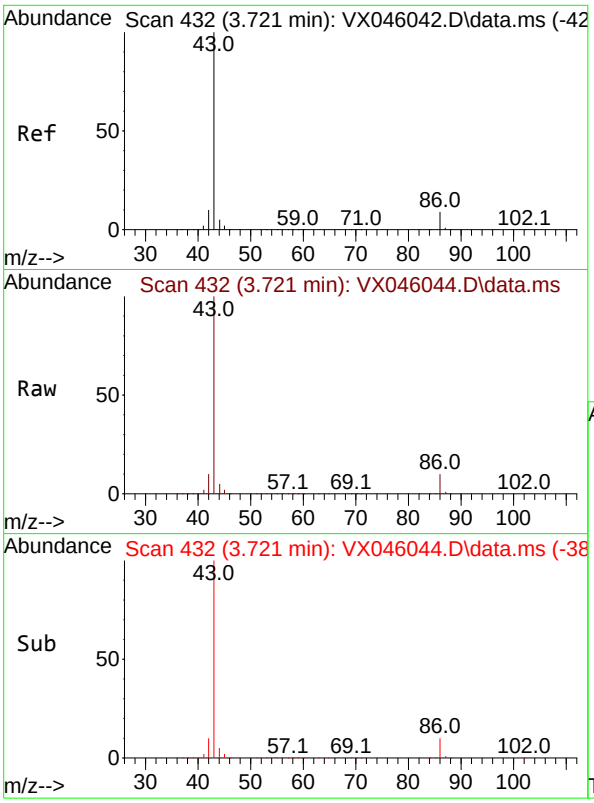


#22
Diisopropyl ether
Concen: 116.858 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 45 Resp: 577610

Ion	Ratio	Lower	Upper
45	100		
43	70.3	66.6	100.0
87	24.7	19.8	29.6
59	10.6	8.6	12.8

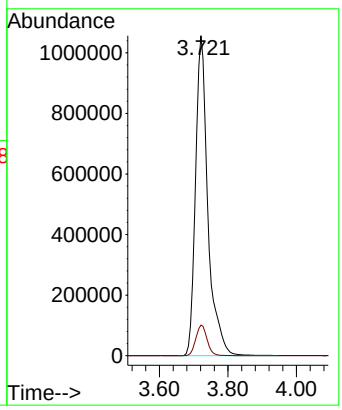




#23
Vinyl Acetate
Concen: 608.005 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 265575

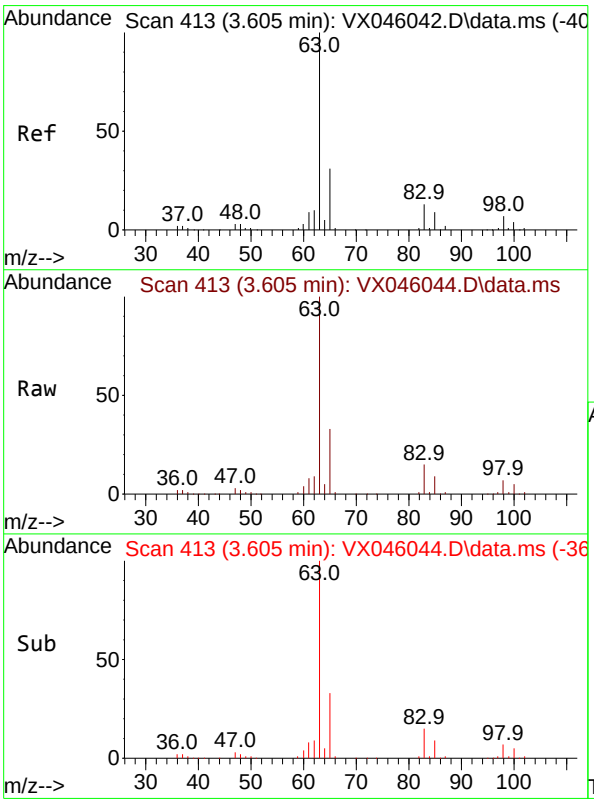
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

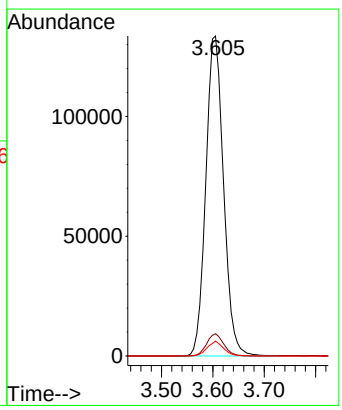
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

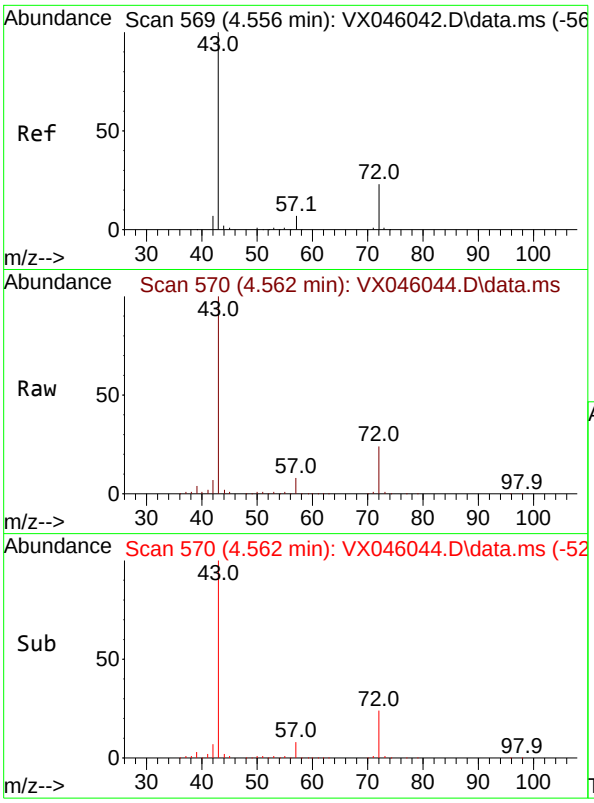


#24
1,1-Dichloroethane
Concen: 110.182 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 320083

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.7	2.1	6.3

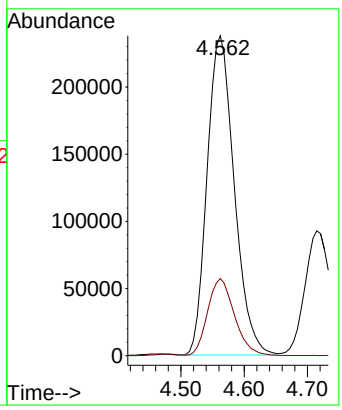




#25
2-Butanone
Concen: 581.292 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 70846

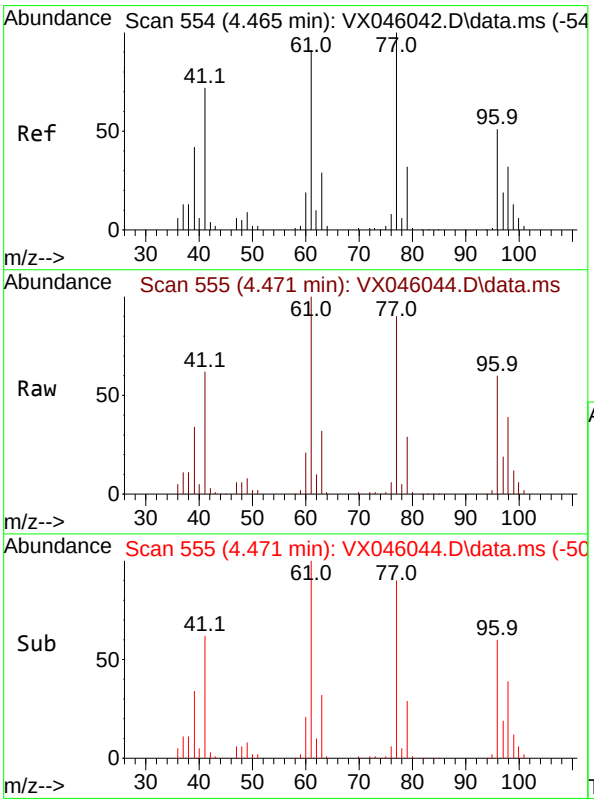
Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

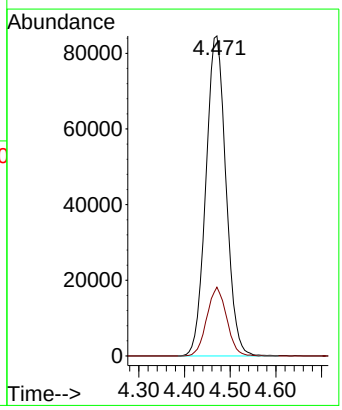
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

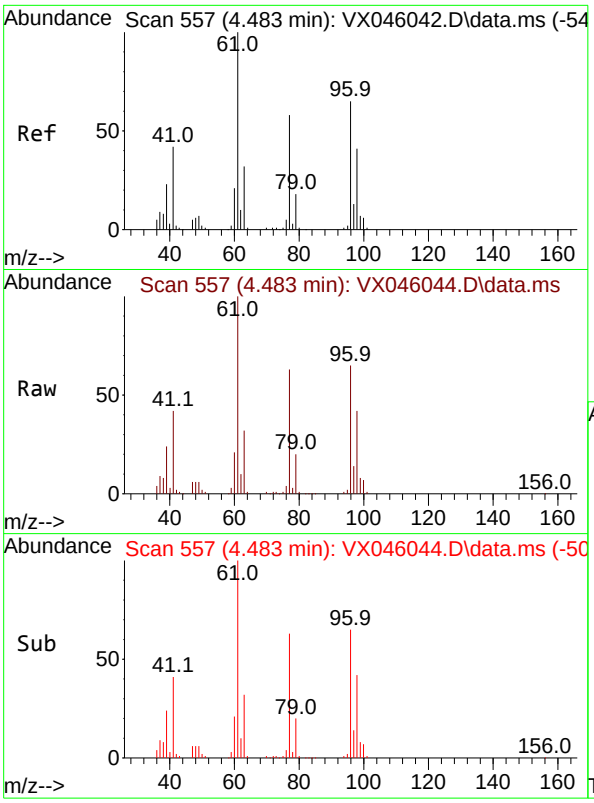


#26
2,2-Dichloropropane
Concen: 117.548 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 77 Resp: 258698

Ion	Ratio	Lower	Upper
77	100		
97	21.1	10.5	31.5

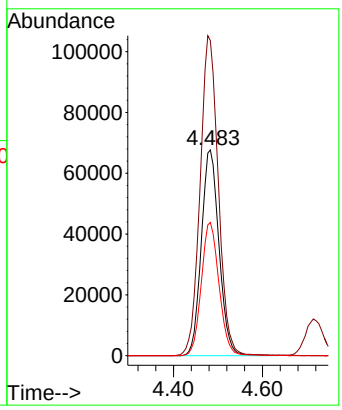




#27
cis-1,2-Dichloroethene
Concen: 108.994 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 96 Resp: 18783

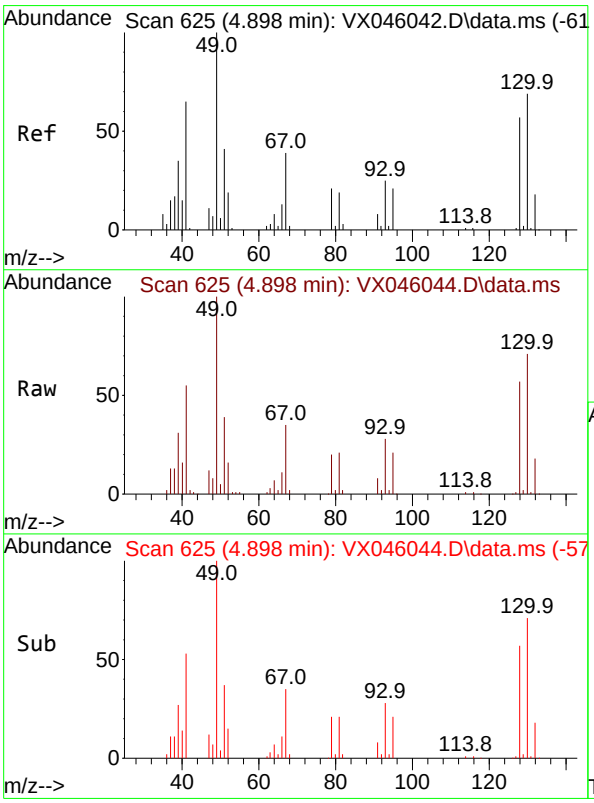
Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	322.8
98	64.8	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

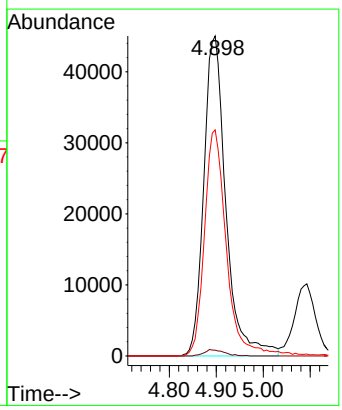
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

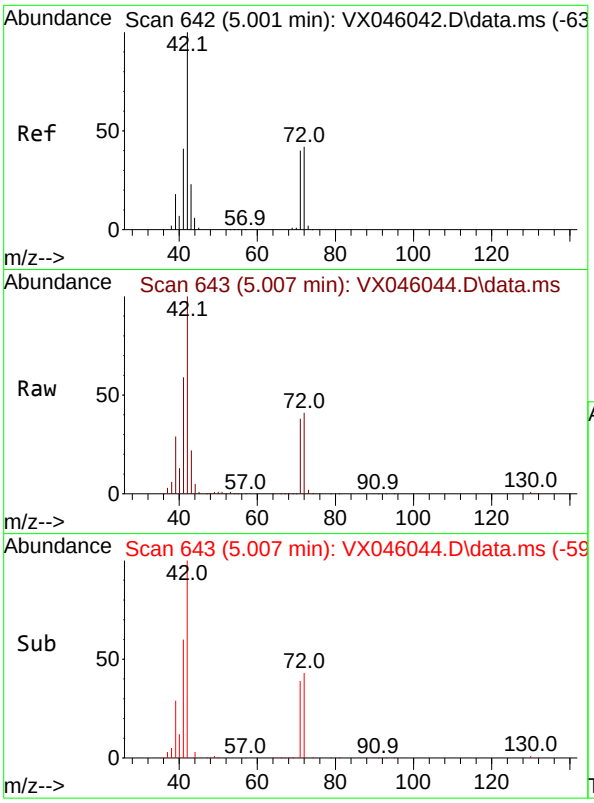


#28
Bromochloromethane
Concen: 95.108 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 49 Resp: 146923

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.5	56.2	84.2





#29
Tetrahydrofuran
Concen: 569.081 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

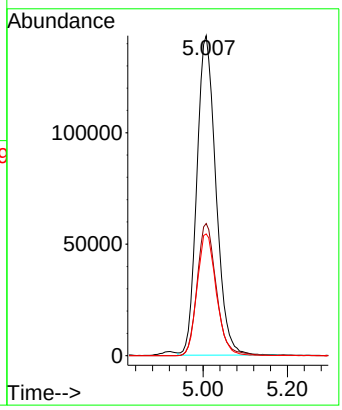
Tgt Ion: 42 Resp: 45045

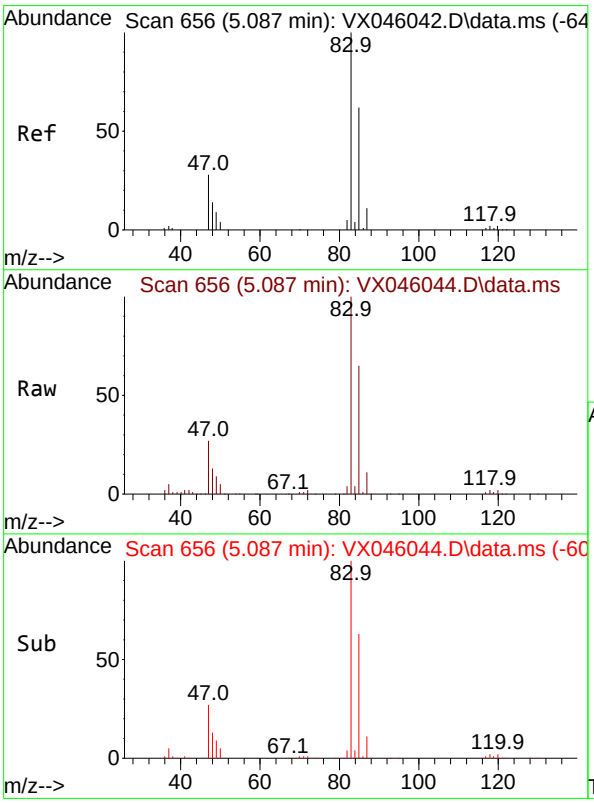
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.7	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

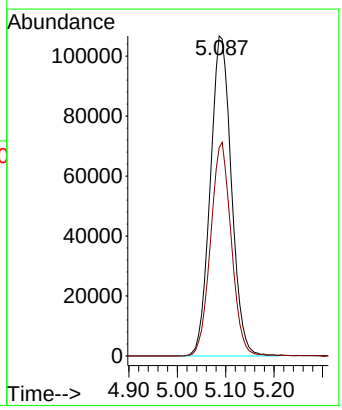


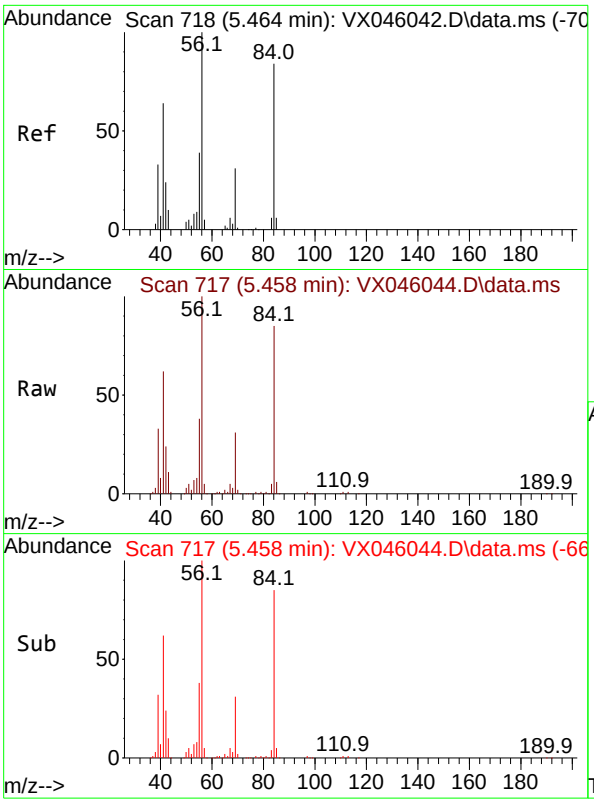


#30
Chloroform
Concen: 107.208 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 323659

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9





#31
Cyclohexane
Concen: 116.934 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

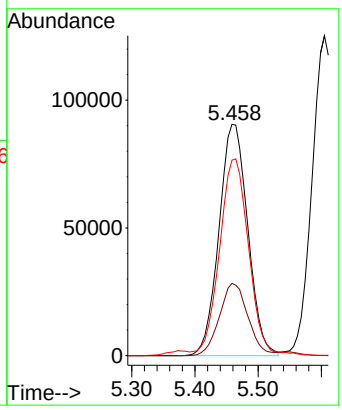
Tgt Ion: 56 Resp: 28631

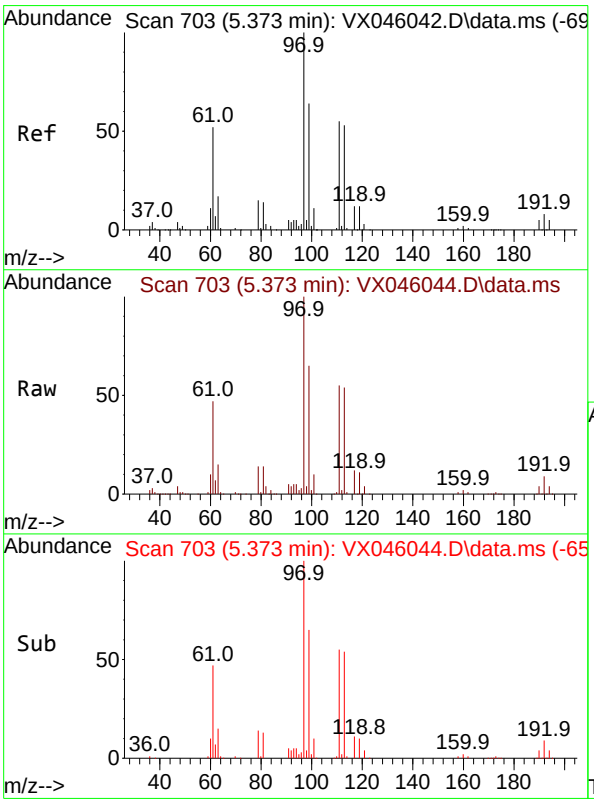
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	82.8	66.9	100.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

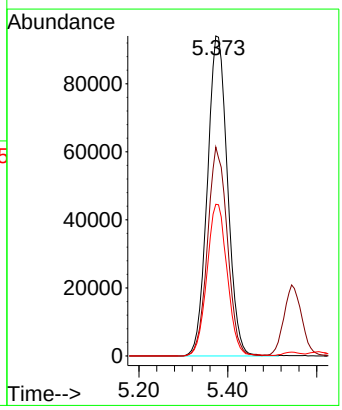


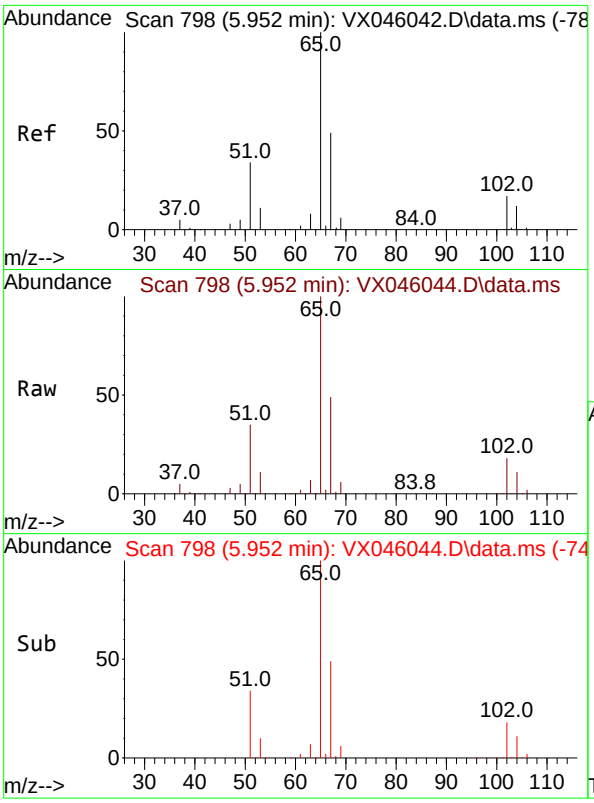


#32
1,1,1-Trichloroethane
Concen: 113.572 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 97 Resp: 295702

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	48.0	40.1	60.1

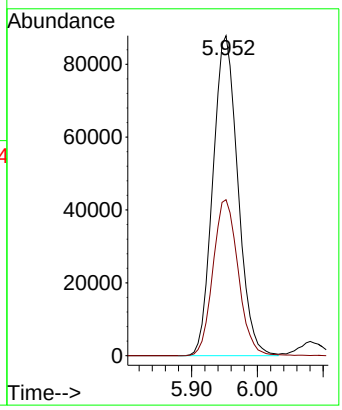




#33
1,2-Dichloroethane-d4
Concen: 93.983 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 65 Resp: 23195

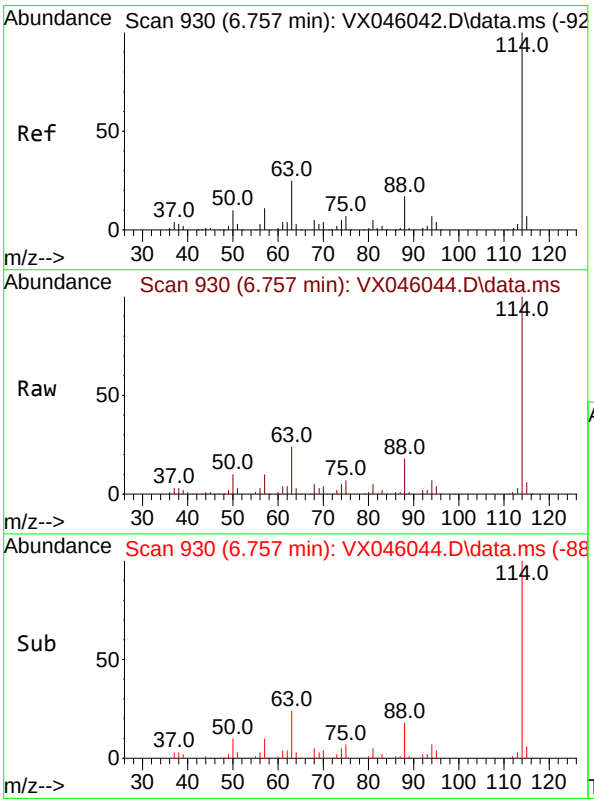
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

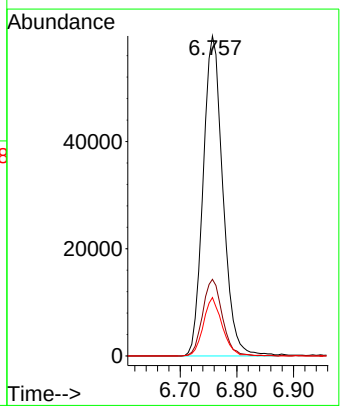
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

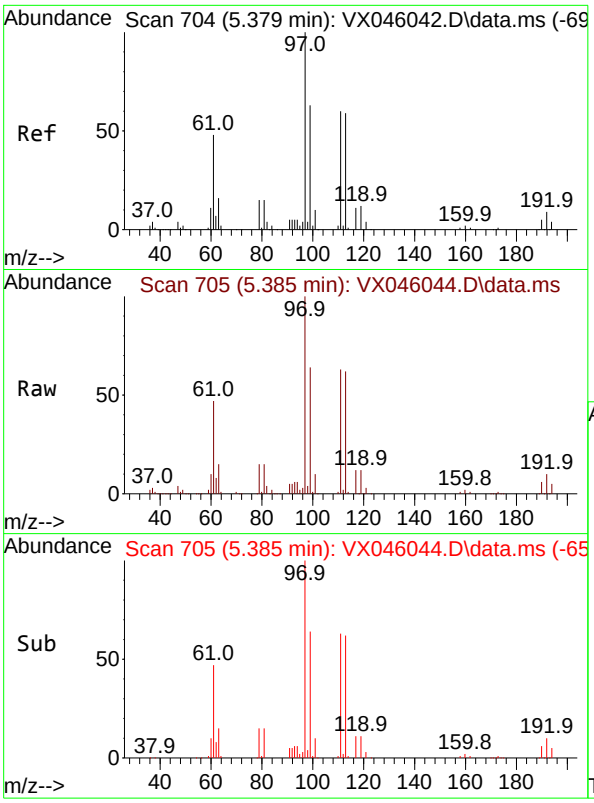


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:114 Resp: 144975

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	18.3	0.0	33.6

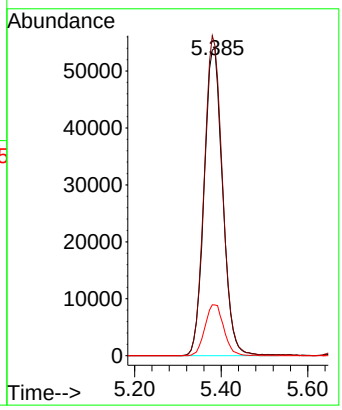




#35
Dibromofluoromethane
Concen: 98.562 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:113 Resp: 16016

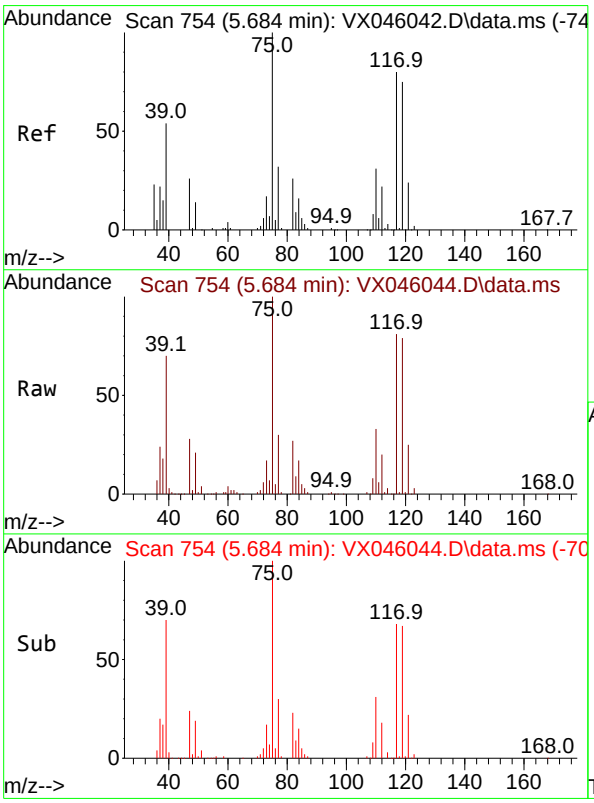
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	16.9	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

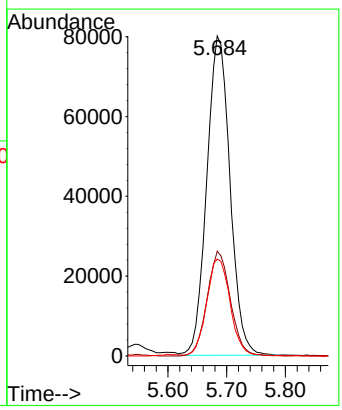
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

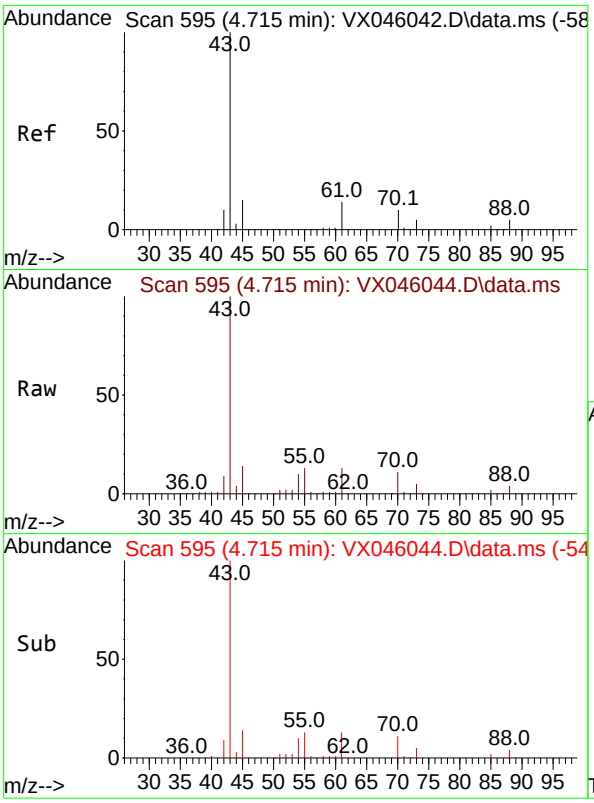


#36
1,1-Dichloropropene
Concen: 116.462 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 219731

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	30.8	24.3	36.5

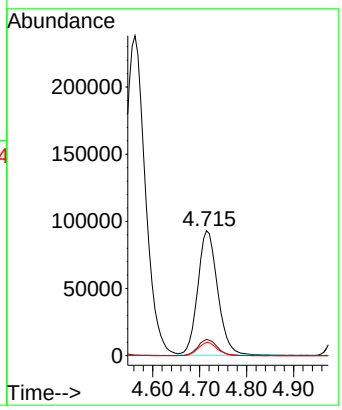




#37
Ethyl Acetate
Concen: 115.889 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 27431

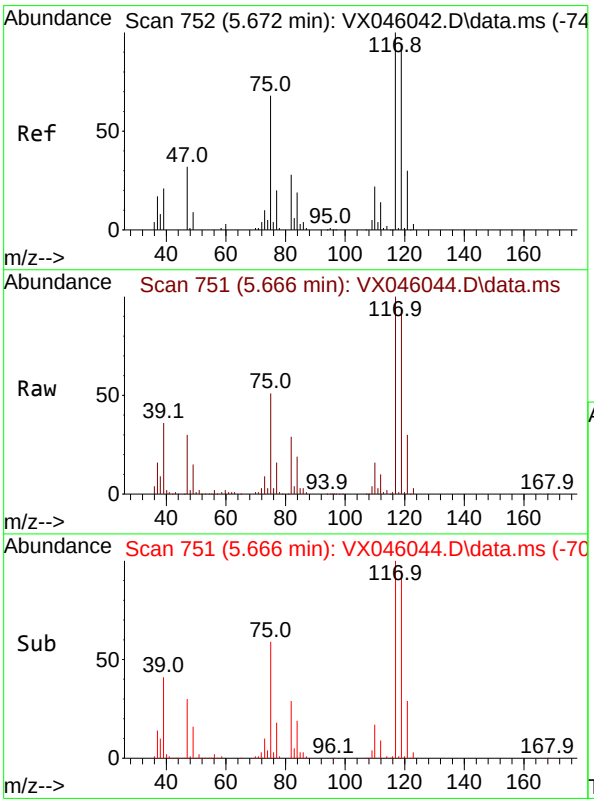
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	10.2	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

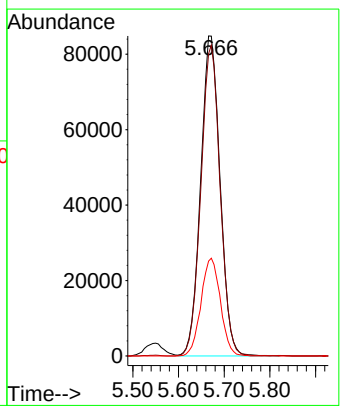
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

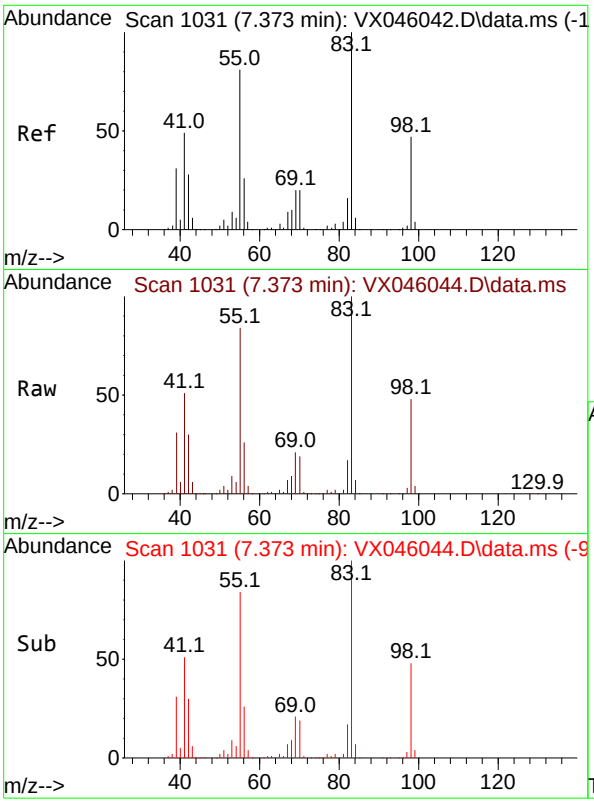


#38
Carbon Tetrachloride
Concen: 115.760 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 250916

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.2	112.8
121	29.7	24.2	36.4

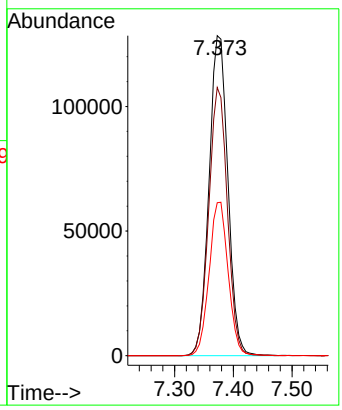




#39
Methylcyclohexane
Concen: 121.107 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 28631

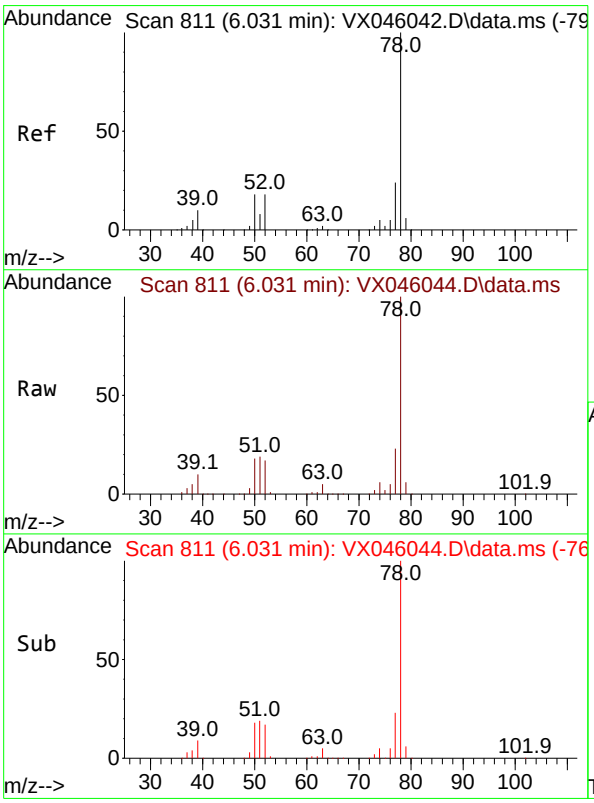
Ion	Ratio	Lower	Upper
83	100		
55	83.8	64.7	97.1
98	47.8	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

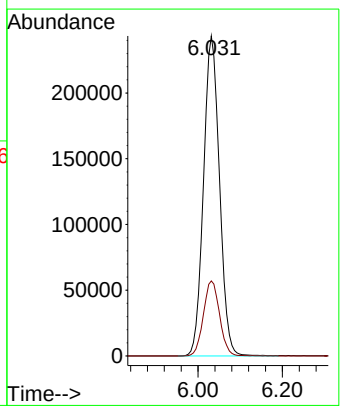
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

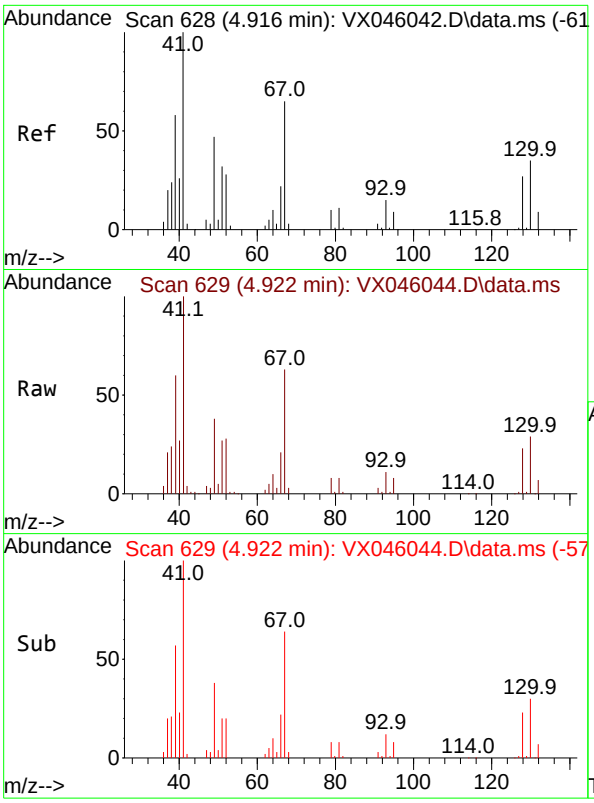


#40
Benzene
Concen: 109.813 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 78 Resp: 642178

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

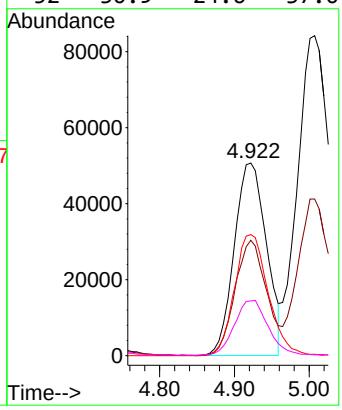




#41
Methacrylonitrile
Concen: 115.139 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 41 Resp: 15142

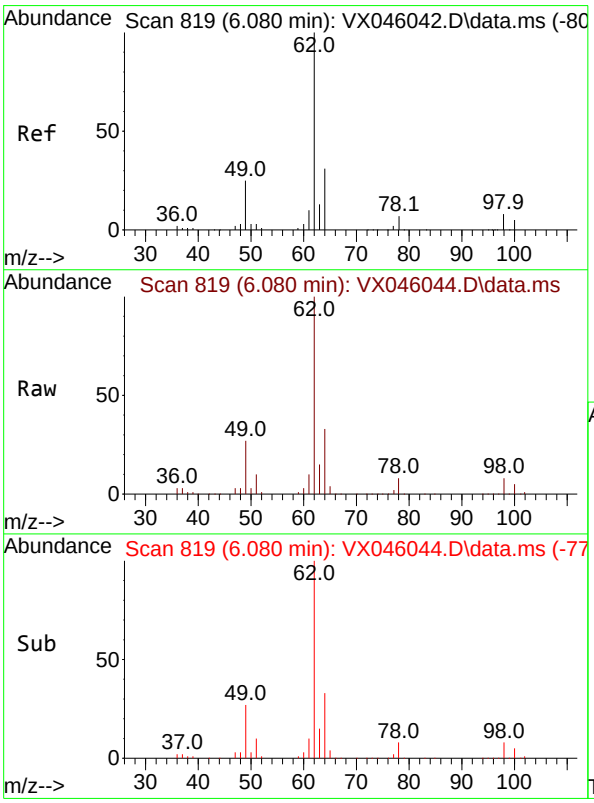
Ion	Ratio	Lower	Upper
41	100		
39	60.0	47.2	70.8
67	65.9	50.7	76.1
52	30.9	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

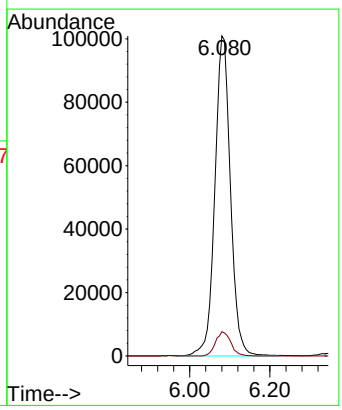
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

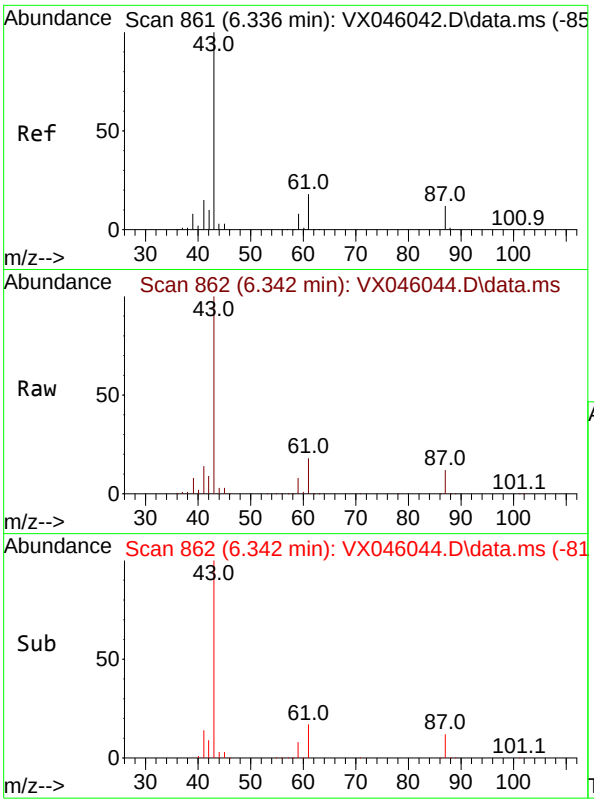


#42
1,2-Dichloroethane
Concen: 112.492 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 62 Resp: 271992

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2

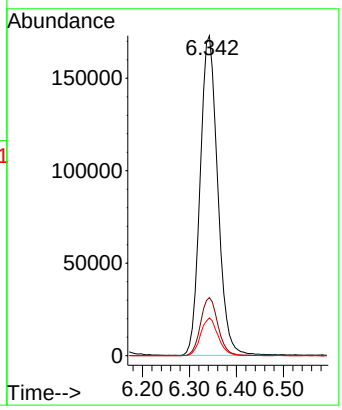




#43
Isopropyl Acetate
Concen: 123.780 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 44787

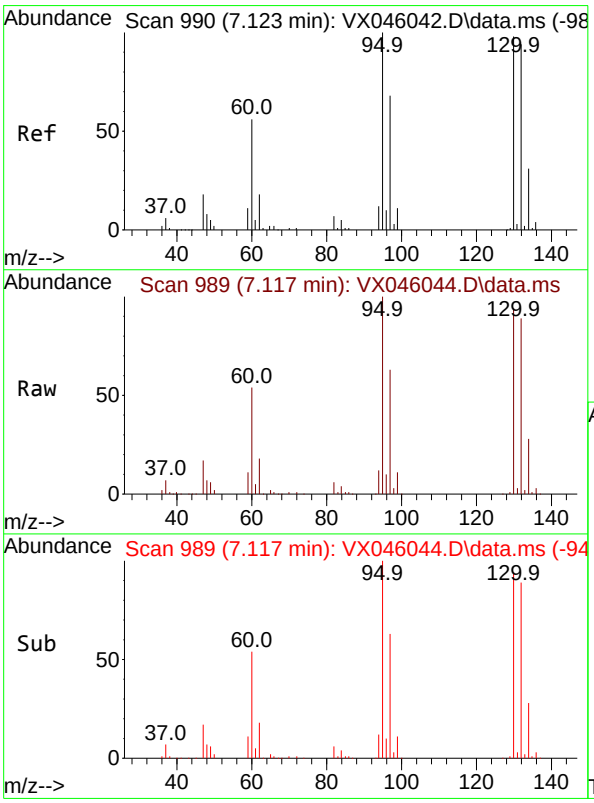
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.3	21.5
87	11.7	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

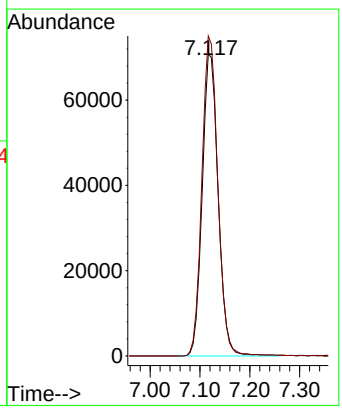
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

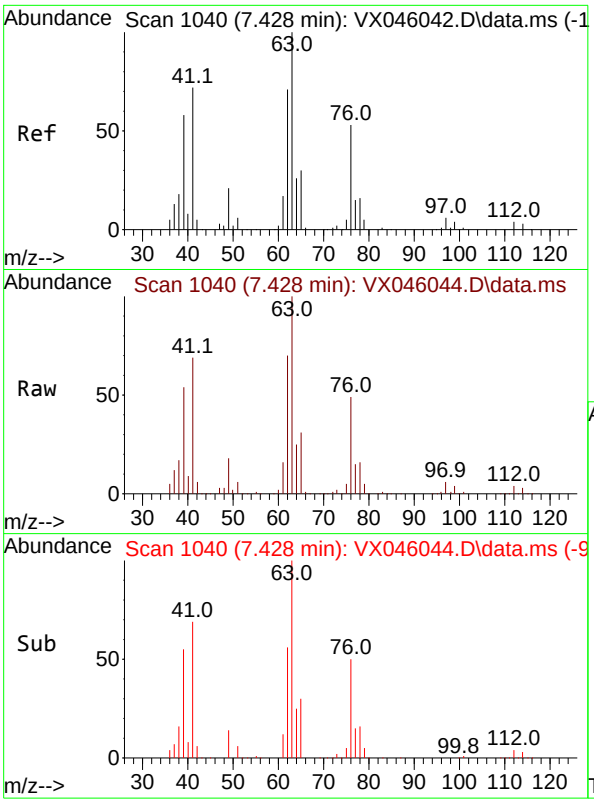


#44
Trichloroethene
Concen: 114.032 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:130 Resp: 157641

Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	204.2

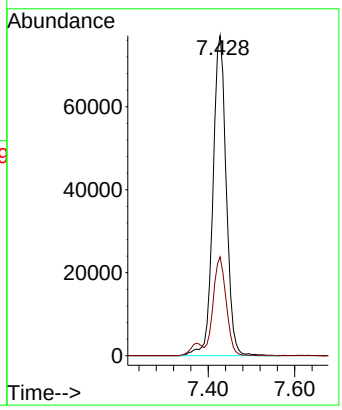




#45
1,2-Dichloropropane
Concen: 113.217 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 16450

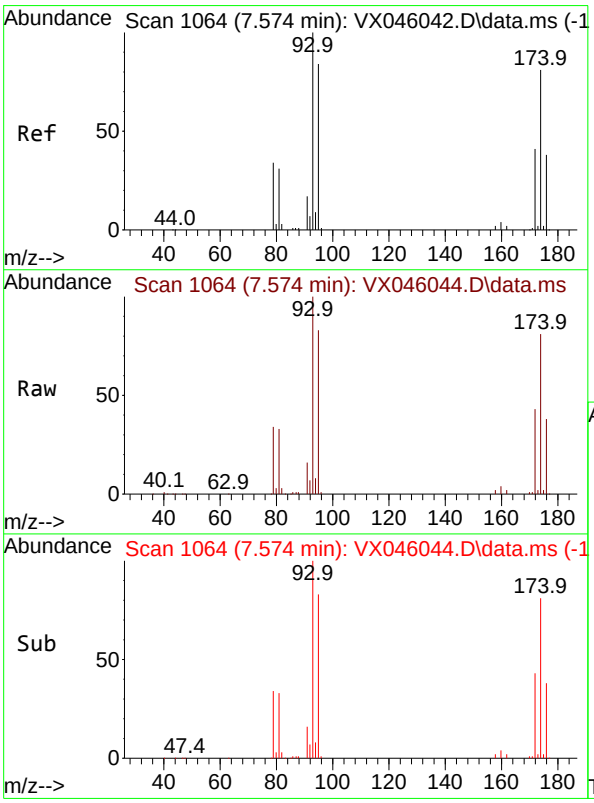
Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

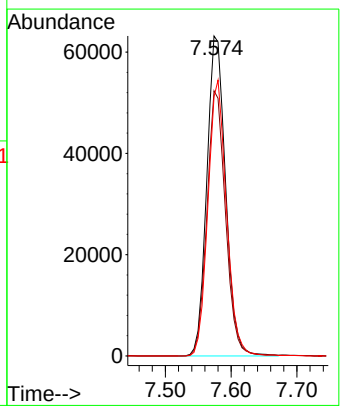
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

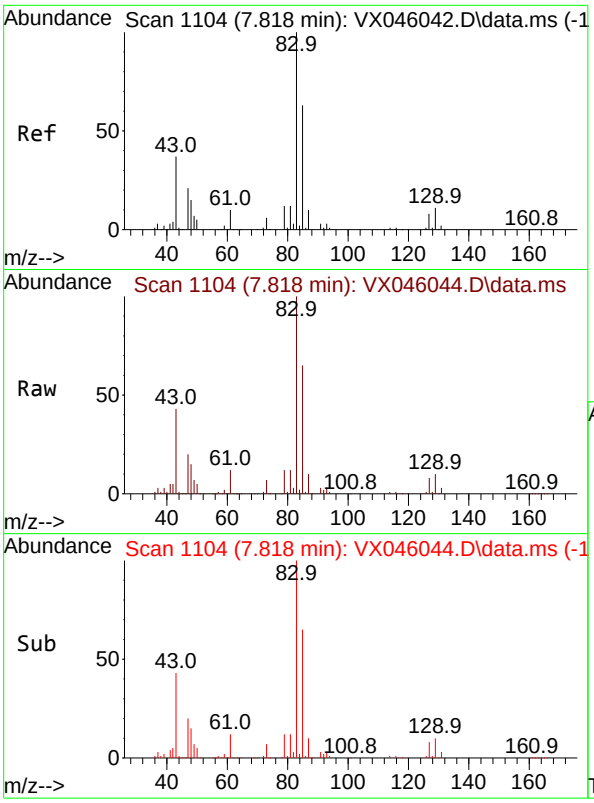


#46
Dibromomethane
Concen: 109.869 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 93 Resp: 125846

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	85.0	68.2	102.2

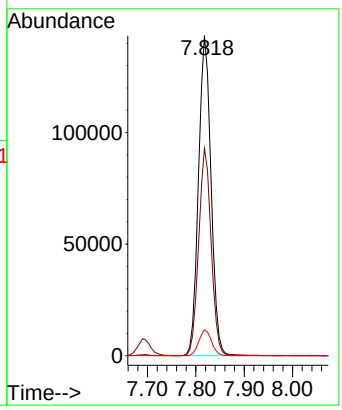




#47
Bromodichloromethane
Concen: 116.365 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 25832

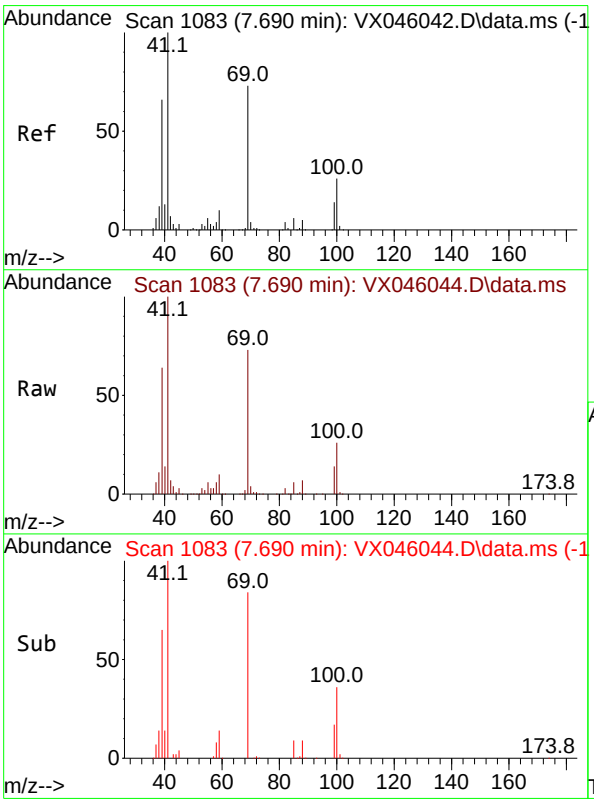
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.5	75.7
127	8.0	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

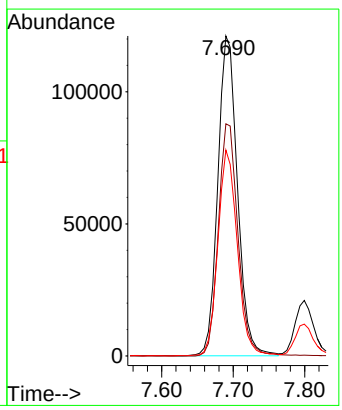
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

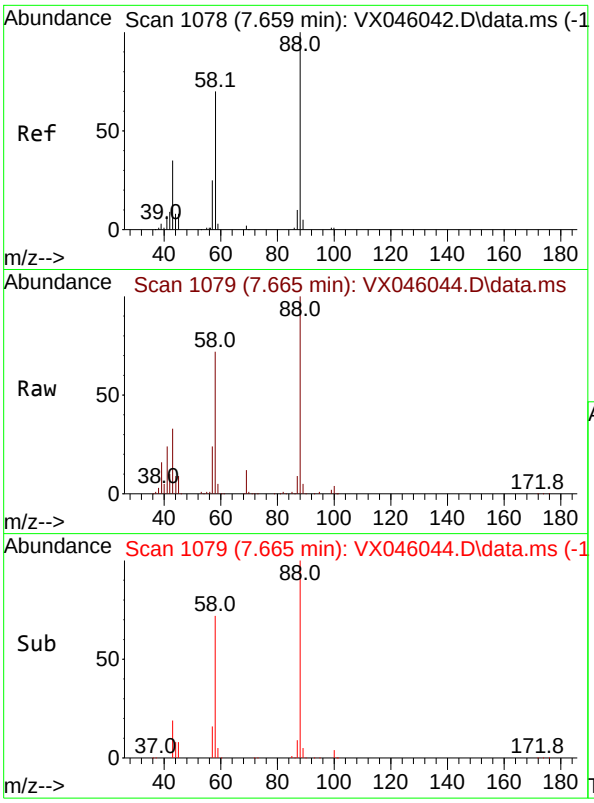


#48
Methyl methacrylate
Concen: 124.356 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 41 Resp: 231040

Ion	Ratio	Lower	Upper
41	100		
69	73.0	58.5	87.7
39	63.8	51.7	77.5

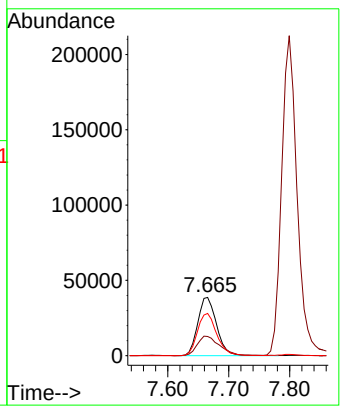




#49
1,4-Dioxane
Concen: 2241.695 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 88 Resp: 8280

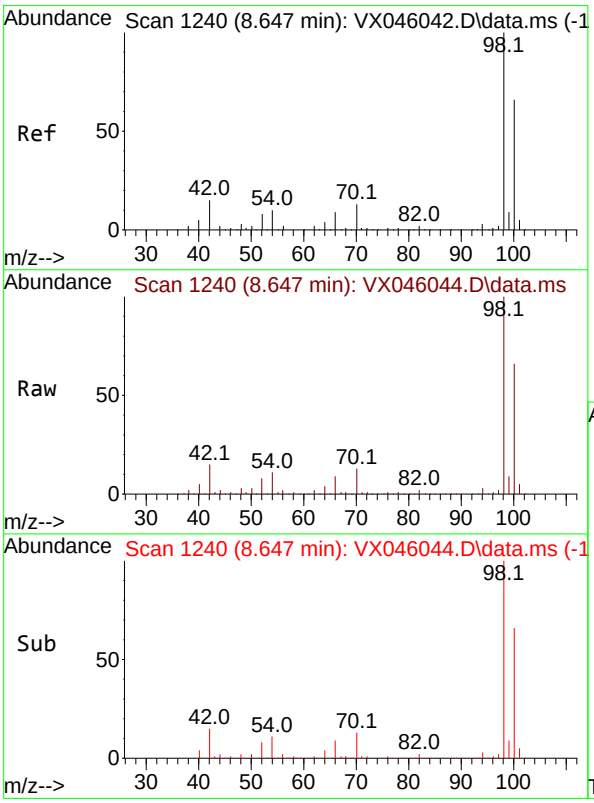
Ion	Ratio	Lower	Upper
88	100		
43	40.0	33.4	50.2
58	74.8	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

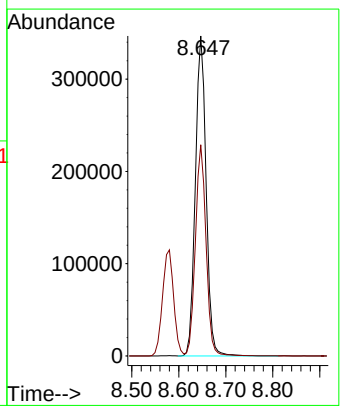
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

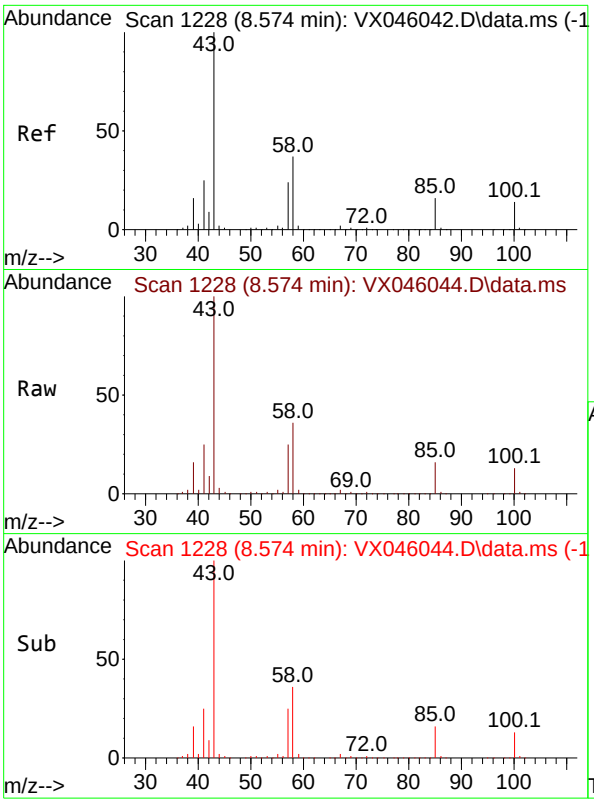


#50
Toluene-d8
Concen: 101.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 98 Resp: 554390

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3

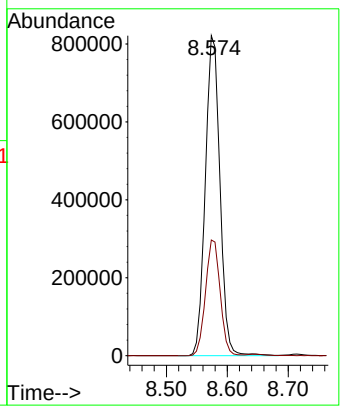




#51
4-Methyl-2-Pentanone
Concen: 577.831 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 137127

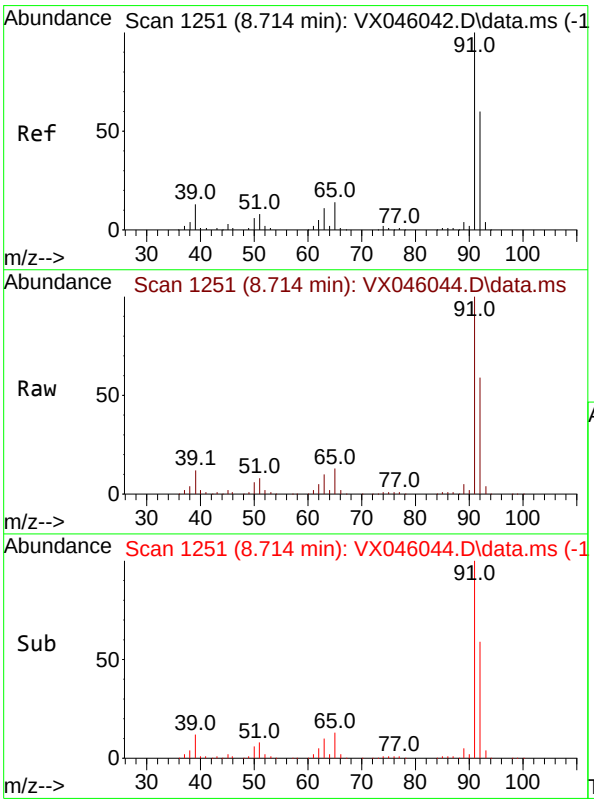
Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

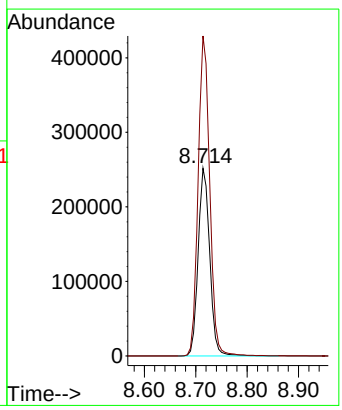
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

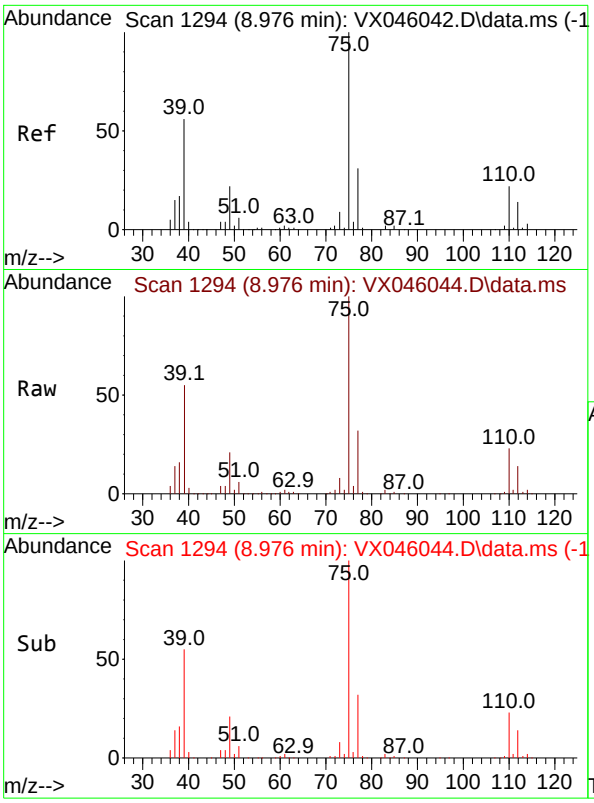


#52
Toluene
Concen: 113.430 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 92 Resp: 393323

Ion	Ratio	Lower	Upper
92	100		
91	171.0	136.6	205.0

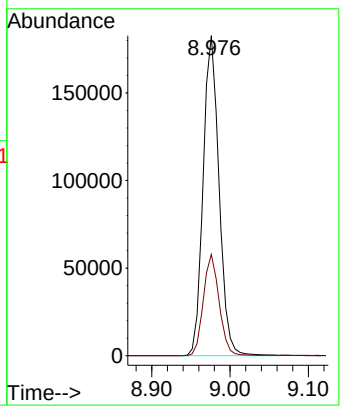




#53
t-1,3-Dichloropropene
Concen: 138.001 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 25723

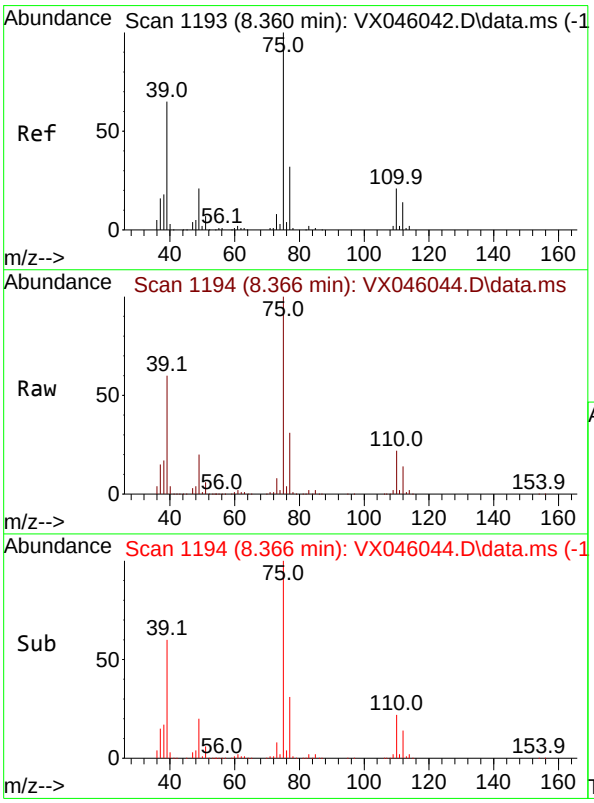
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

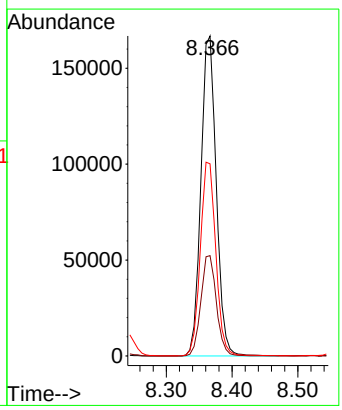
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

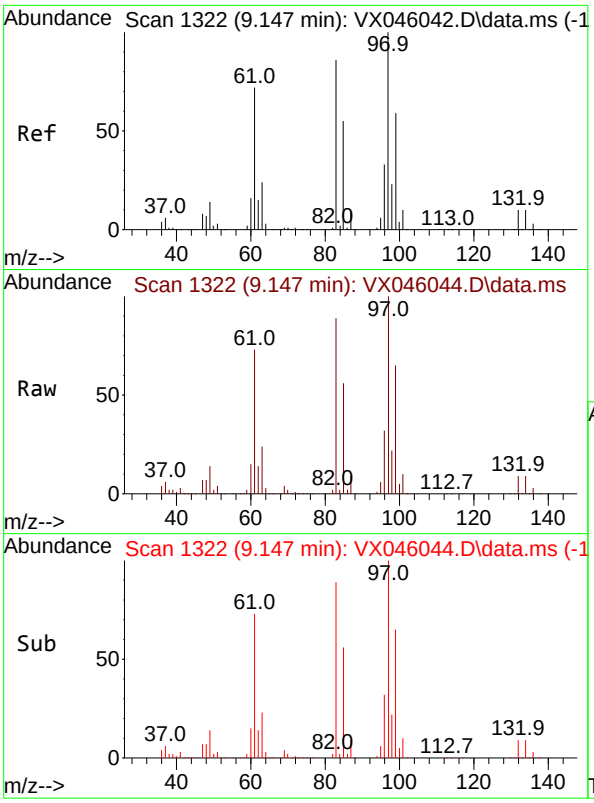


#54
cis-1,3-Dichloropropene
Concen: 124.658 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 271054

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	60.0	52.2	78.4

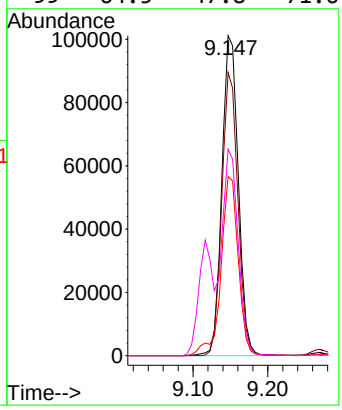




#55
1,1,2-Trichloroethane
Concen: 110.551 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 97 Resp: 15493

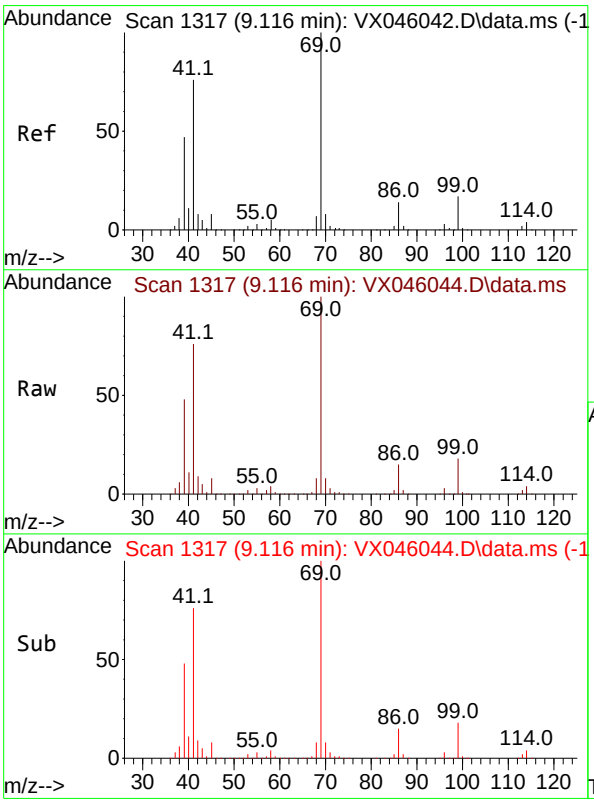
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	56.0	44.3	66.5
99	64.5	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

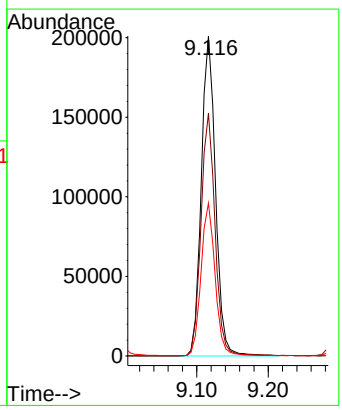
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

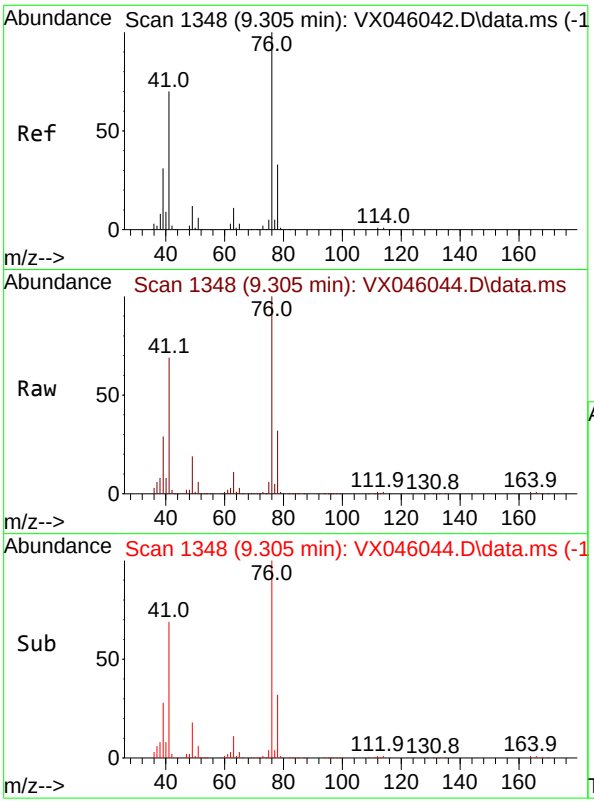


#56
Ethyl methacrylate
Concen: 127.968 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 69 Resp: 277921

Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.8	91.2
39	47.2	39.0	58.6





#57
1,3-Dichloropropane
Concen: 109.813 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

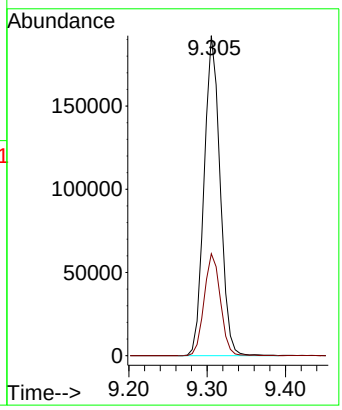
Tgt Ion: 76 Resp: 27281

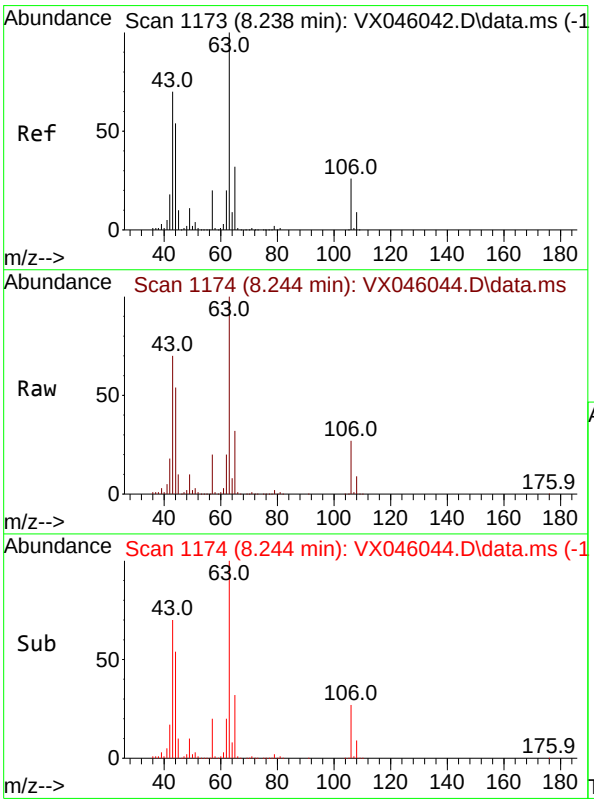
Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

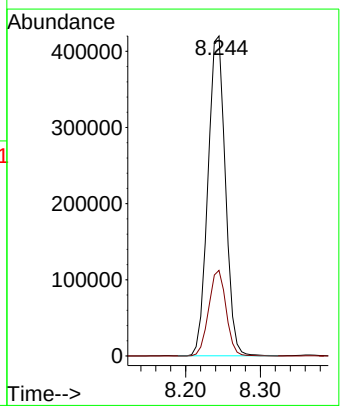


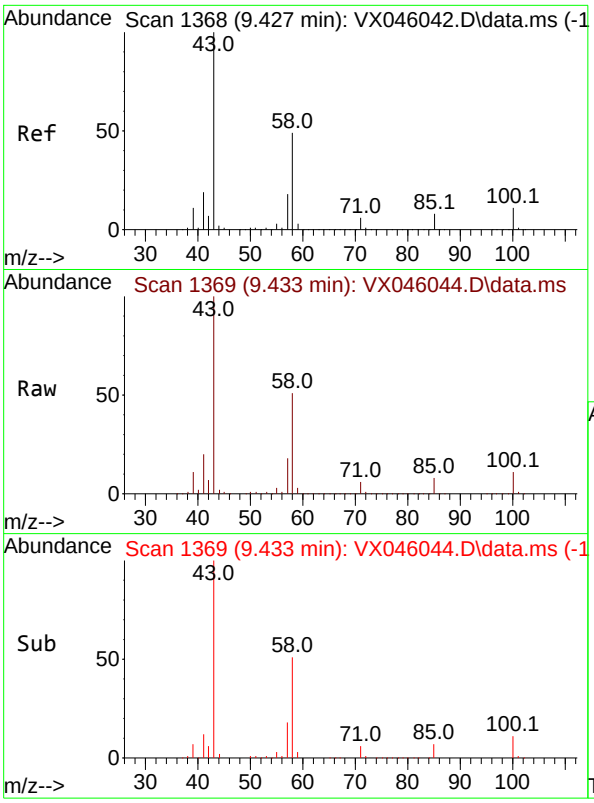


#58
2-Chloroethyl Vinyl ether
Concen: 697.344 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 680608

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3





#59
2-Hexanone
Concen: 571.094 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

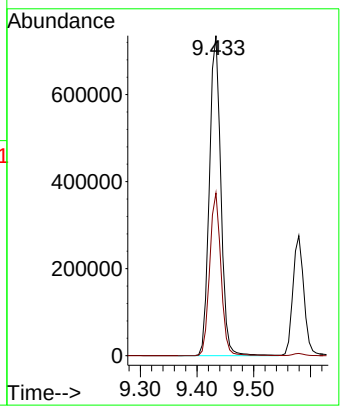
Tgt Ion: 43 Resp: 102859

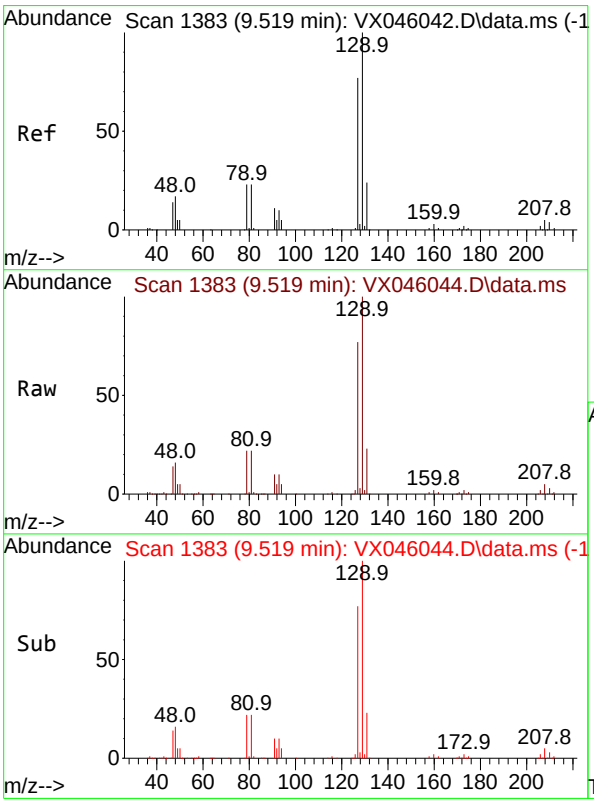
Ion	Ratio	Lower	Upper
43	100		
58	50.2	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

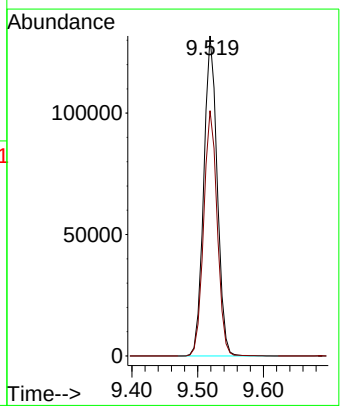


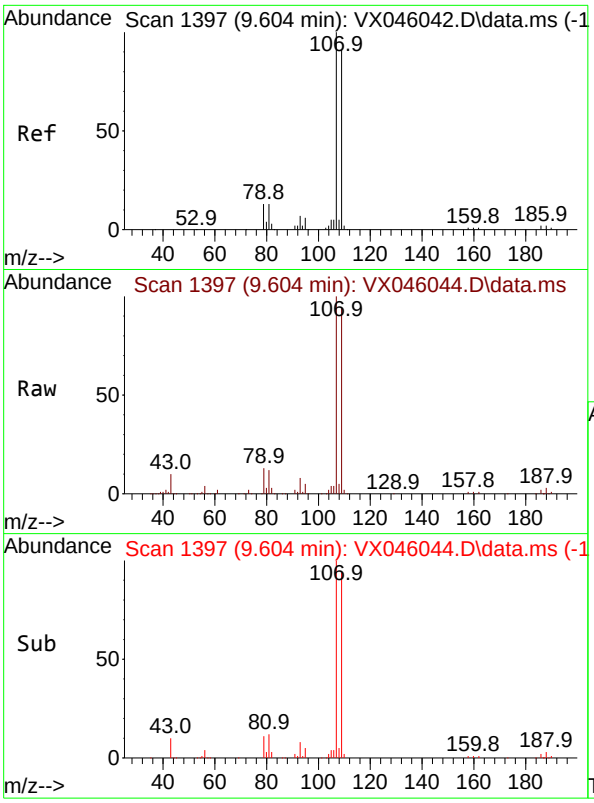


#60
Dibromochloromethane
Concen: 122.915 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:129 Resp: 187497

Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.3	117.8

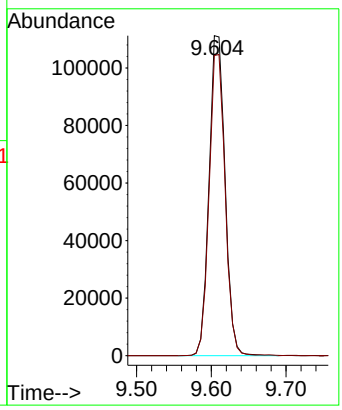




#61
1,2-Dibromoethane
Concen: 115.087 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:107 Resp: 16563

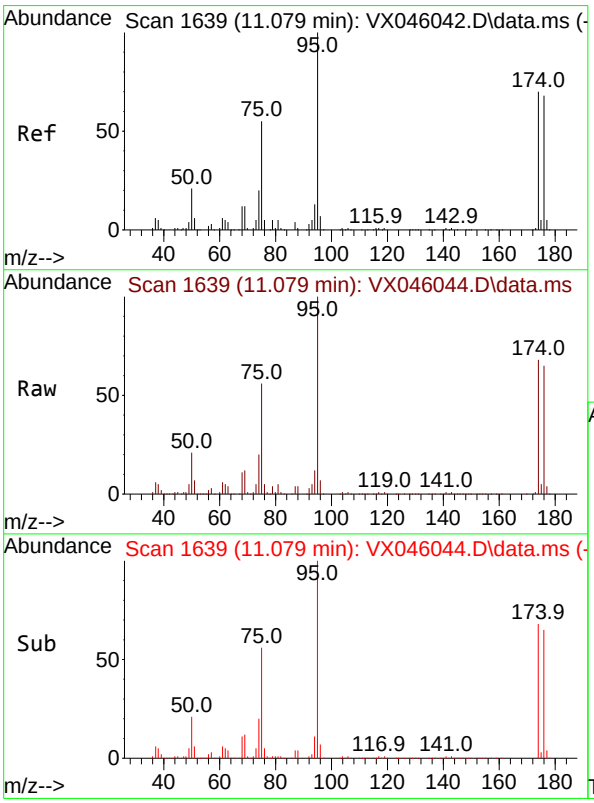
Ion	Ratio	Lower	Upper
107	100		
109	94.6	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

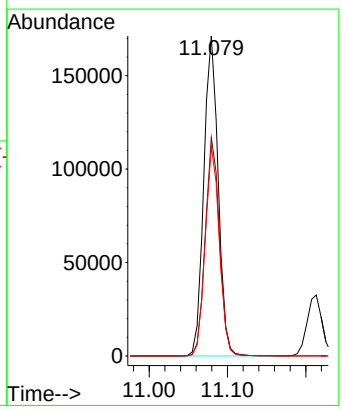
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

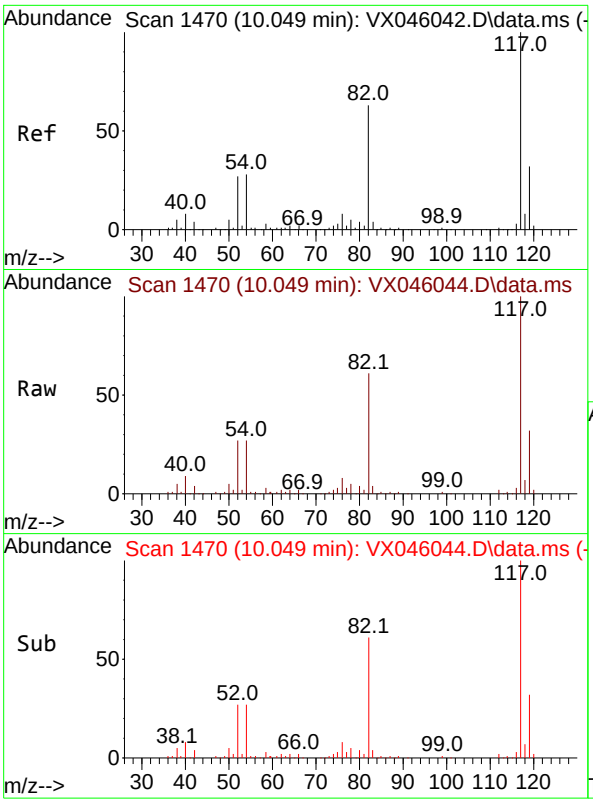


#62
4-Bromofluorobenzene
Concen: 109.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 95 Resp: 217536

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	64.4	0.0	131.4

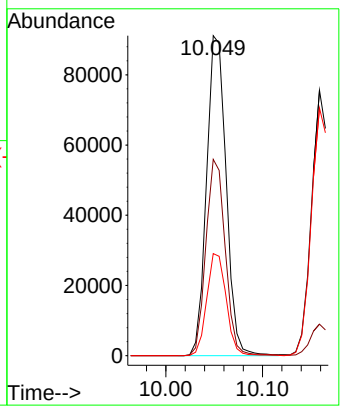




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 12855

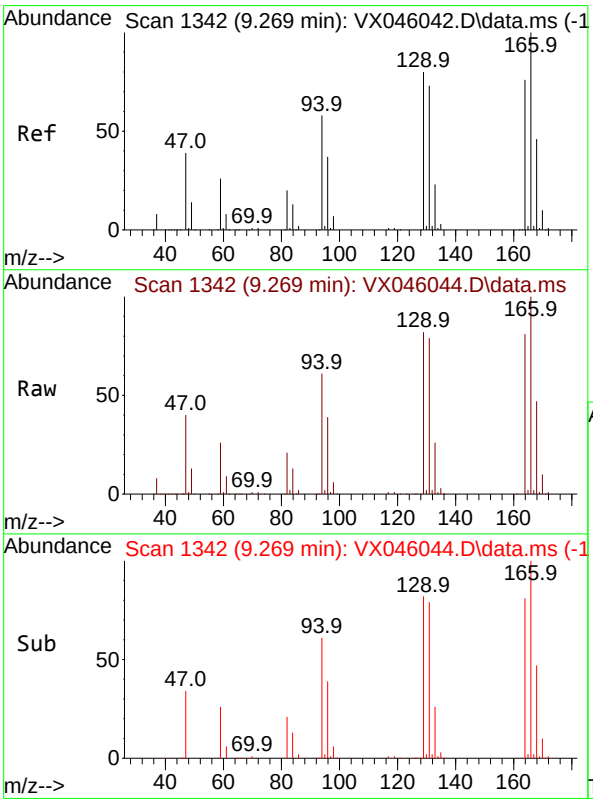
Ion	Ratio	Lower	Upper
117	100		
82	61.4	50.6	76.0
119	31.9	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

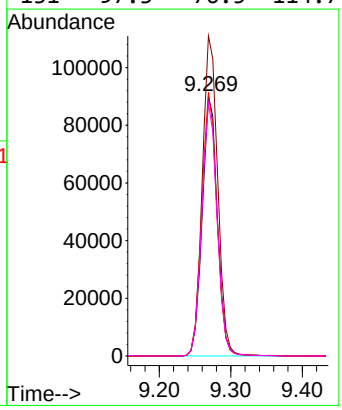
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

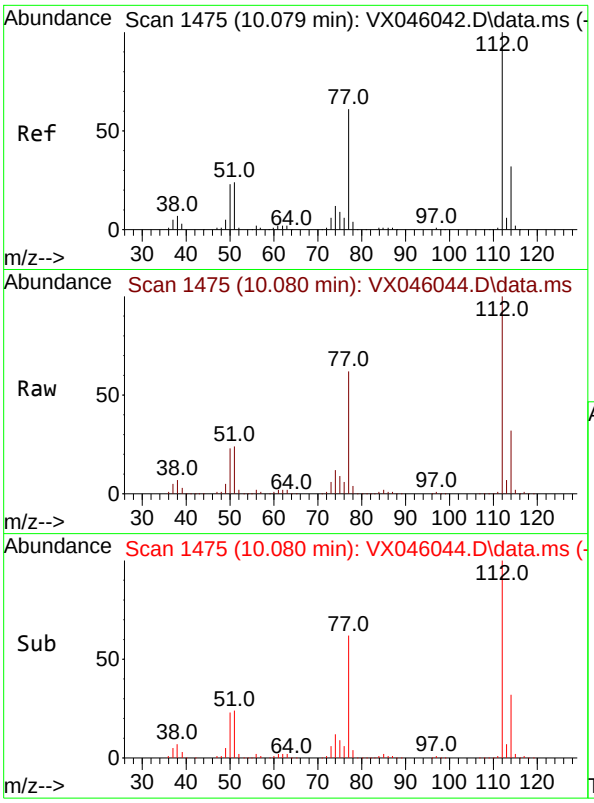


#64
Tetrachloroethene
Concen: 100.918 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:164 Resp: 132488

Ion	Ratio	Lower	Upper
164	100		
166	123.3	105.0	157.6
129	101.6	83.5	125.3
131	97.3	76.5	114.7

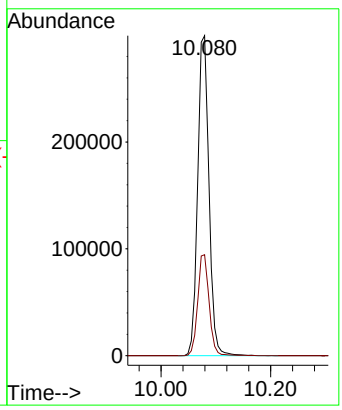




#65
Chlorobenzene
Concen: 108.615 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:112 Resp: 42965

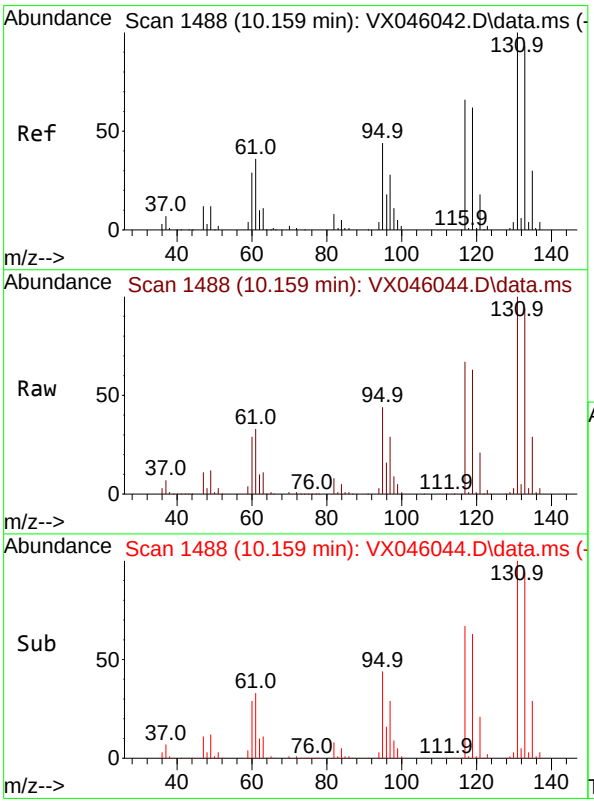
Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

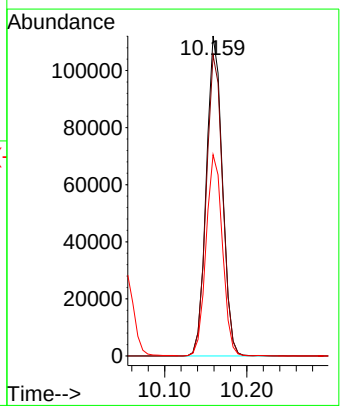
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

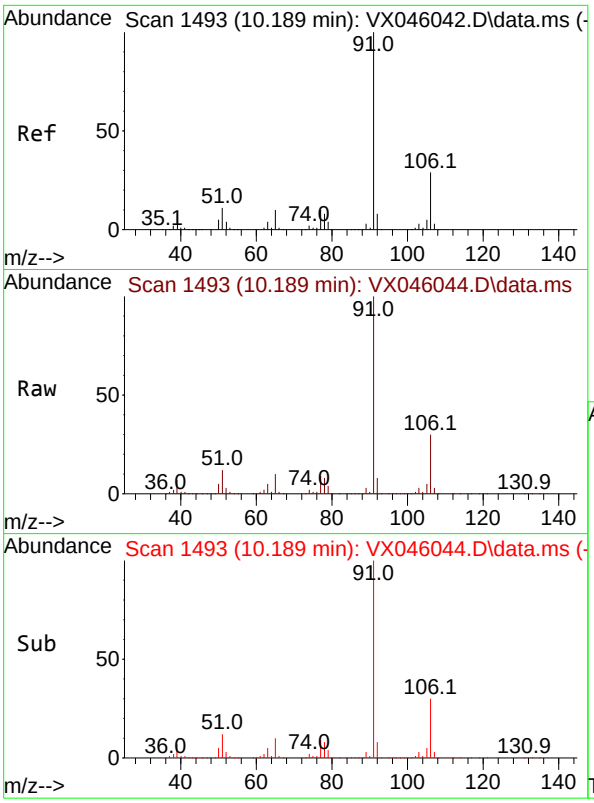


#66
1,1,1,2-Tetrachloroethane
Concen: 115.333 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:131 Resp: 152173

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	141.9
119	64.0	31.6	95.0





#67
Ethyl Benzene
Concen: 116.421 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

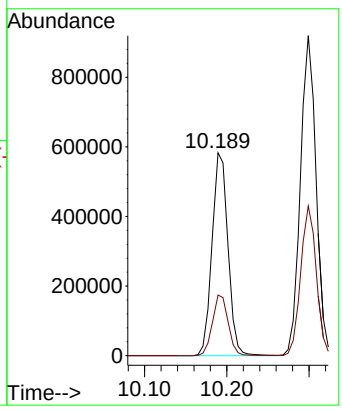
Tgt Ion: 91 Resp: 78512

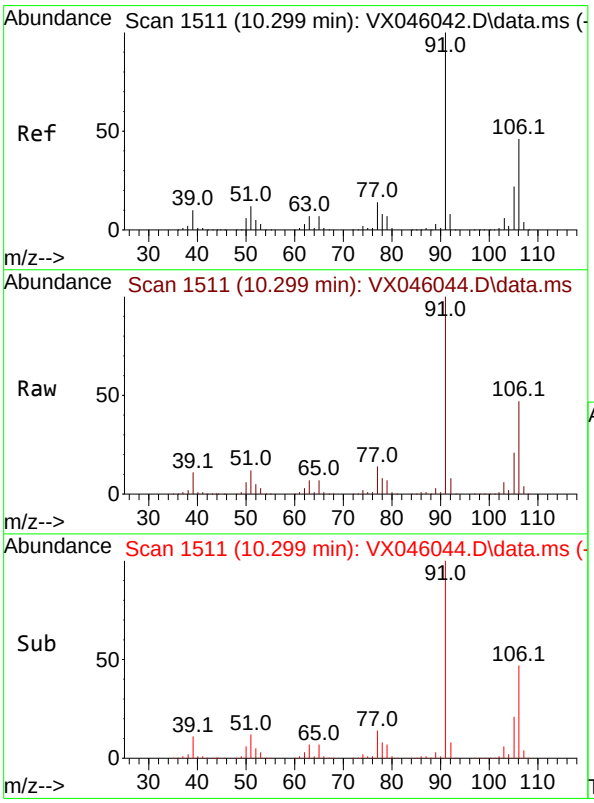
Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.4	35.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

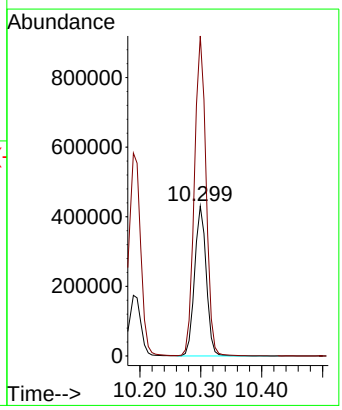


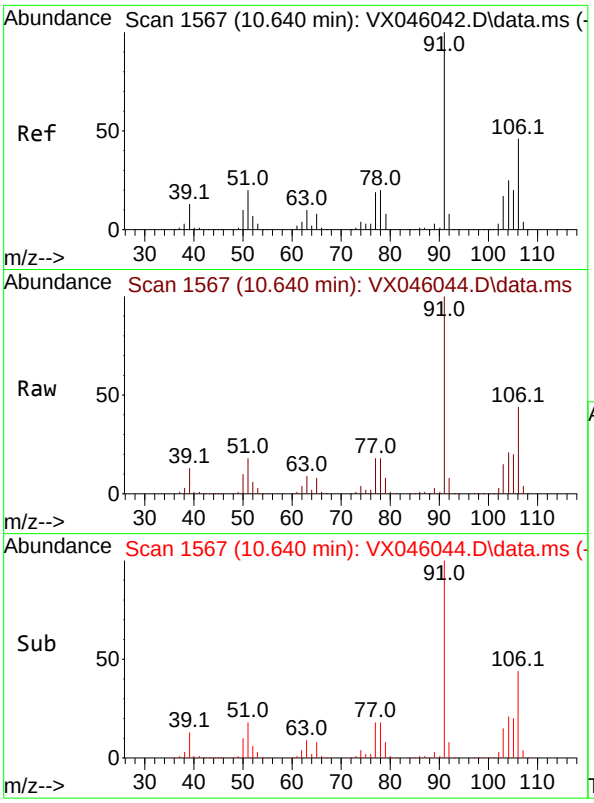


#68
m/p-Xylenes
Concen: 234.349 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:106 Resp: 570913

Ion	Ratio	Lower	Upper
106	100		
91	214.2	171.2	256.8

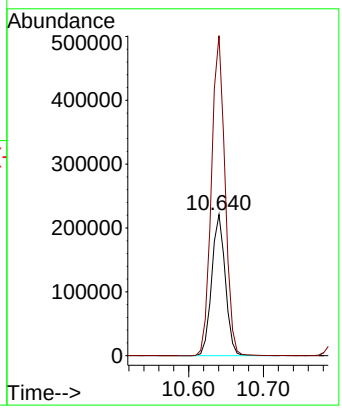




#69
o-Xylene
Concen: 113.990 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:106 Resp: 27990

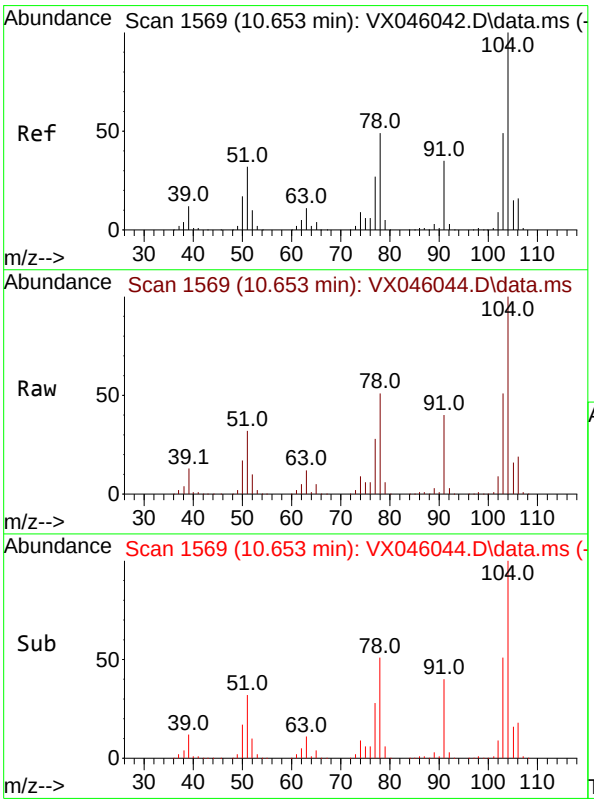
Ion	Ratio	Lower	Upper
106	100		
91	226.9	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

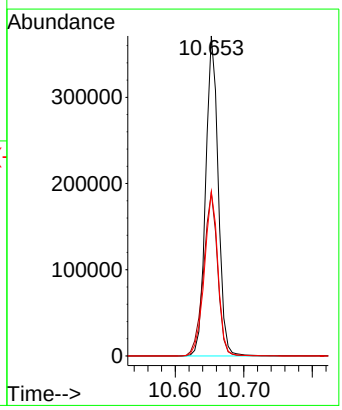
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

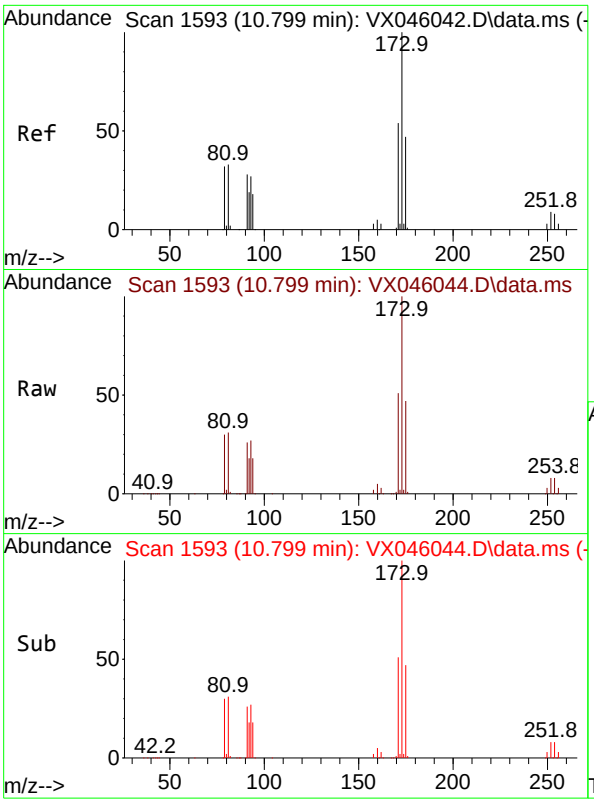


#70
Styrene
Concen: 120.694 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:104 Resp: 474254

Ion	Ratio	Lower	Upper
104	100		
78	57.2	45.7	68.5
103	55.5	43.7	65.5

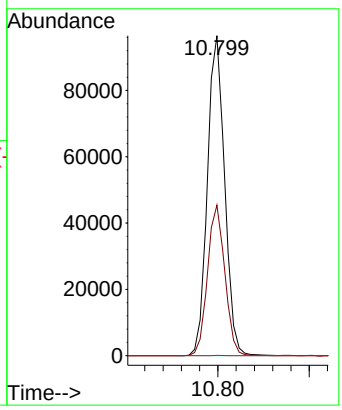




#71
Bromoform
Concen: 127.128 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:173 Resp: 12598

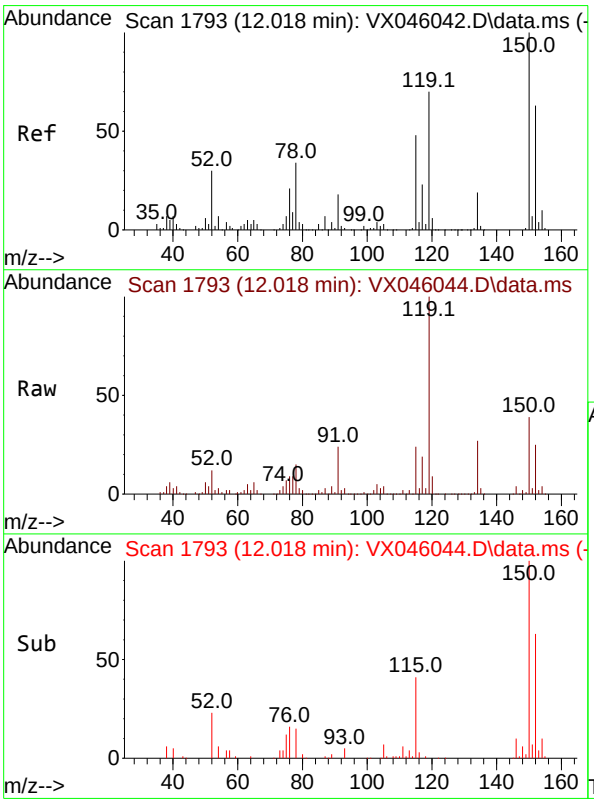
Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.4	70.0
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

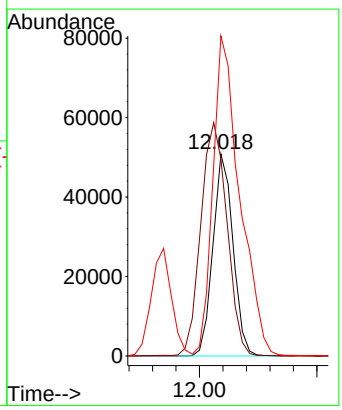
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

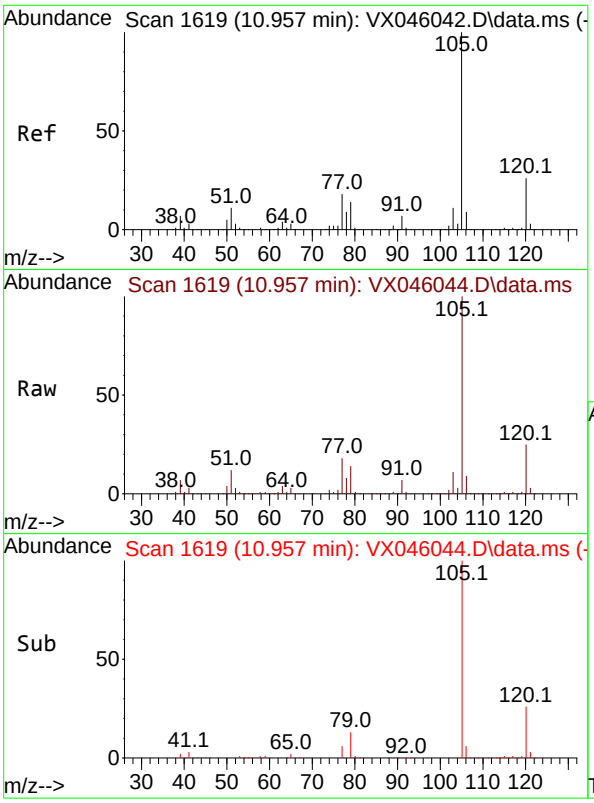


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:152 Resp: 60345

Ion	Ratio	Lower	Upper
152	100		
115	150.7	46.9	140.7#
150	211.6	0.0	351.0





#73
Isopropylbenzene
Concen: 114.312 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

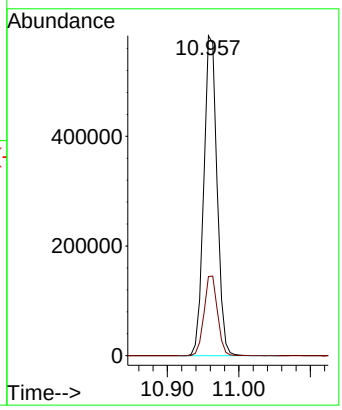
Tgt Ion:105 Resp: 75233

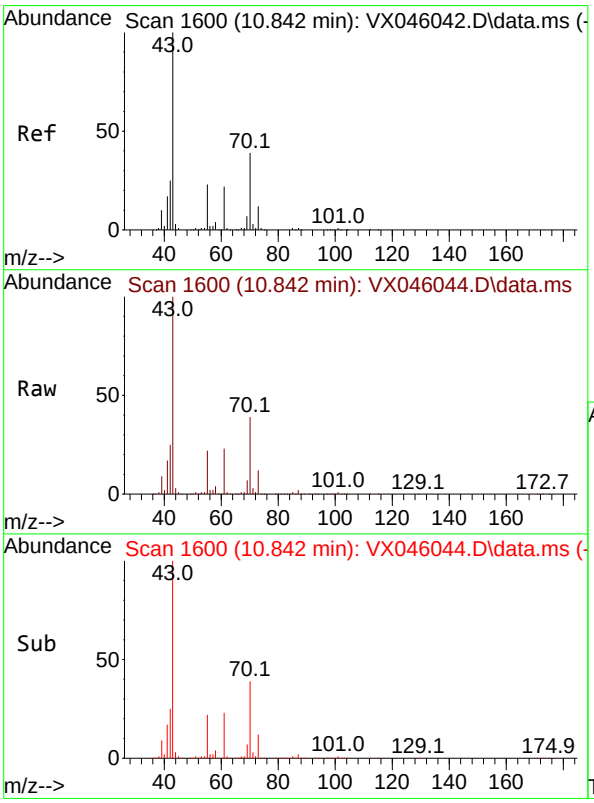
Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

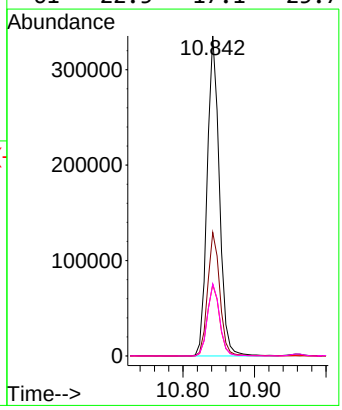


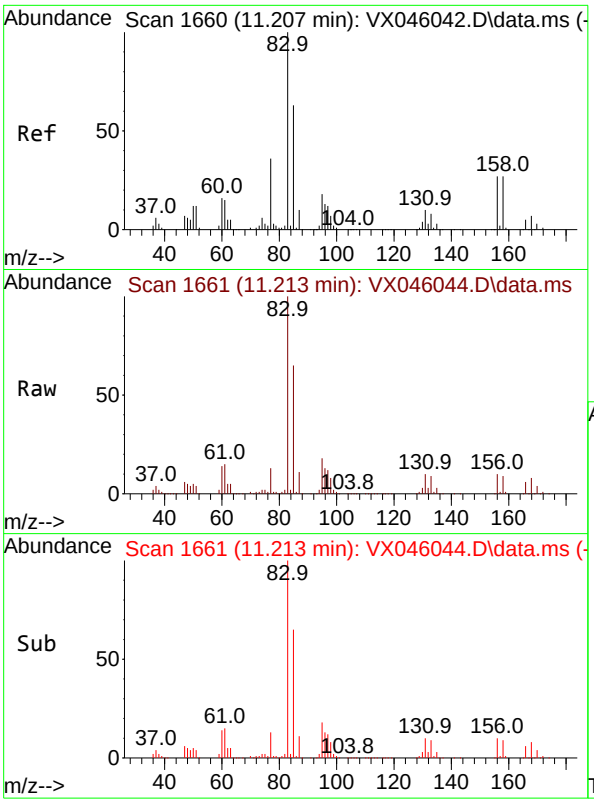


#74
N-amyl acetate
Concen: 120.944 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 396877

Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	22.5	18.7	28.1
61	22.5	17.1	25.7

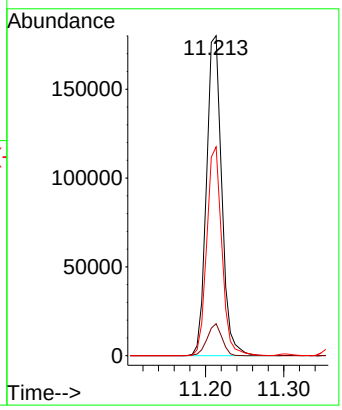




#75
1,1,2,2-Tetrachloroethane
Concen: 104.018 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 24353

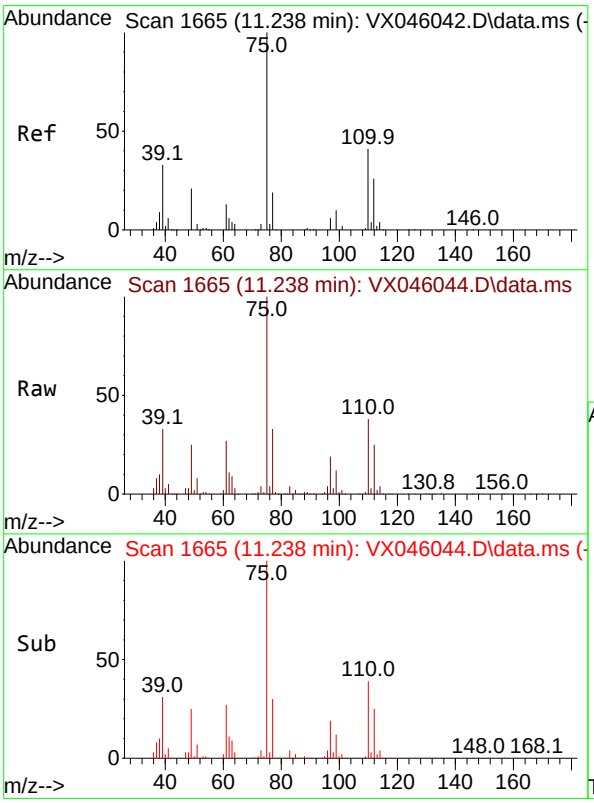
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.4	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

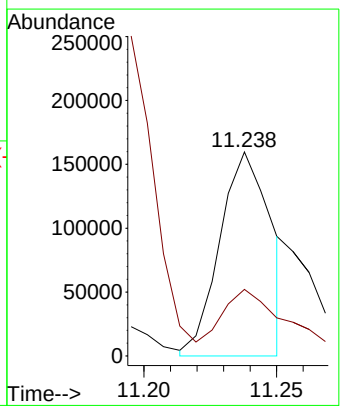
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

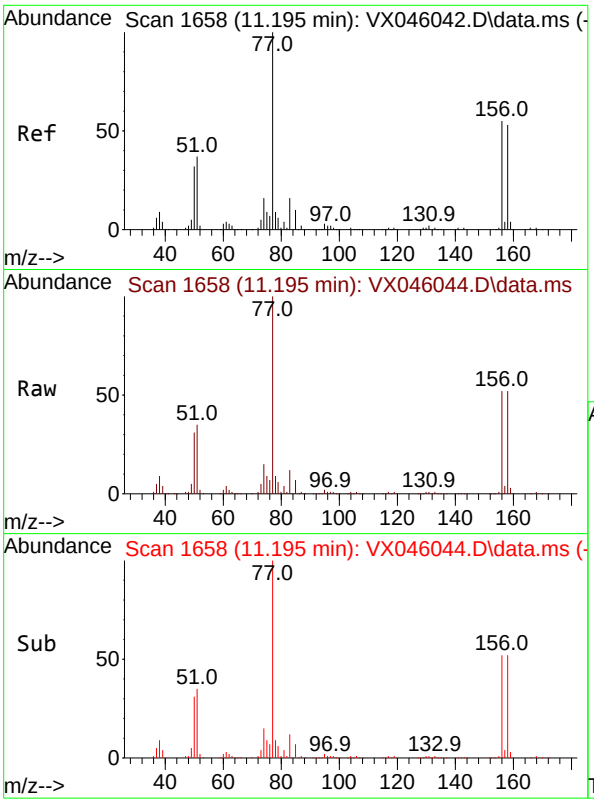


#76
1,2,3-Trichloropropane
Concen: 84.960 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 213744

Ion	Ratio	Lower	Upper
75	100		
77	42.4	20.5	61.5

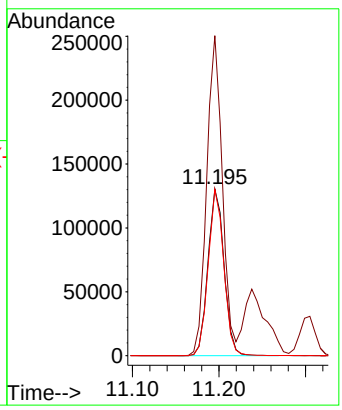




#77
Bromobenzene
Concen: 110.297 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:156 Resp: 16793

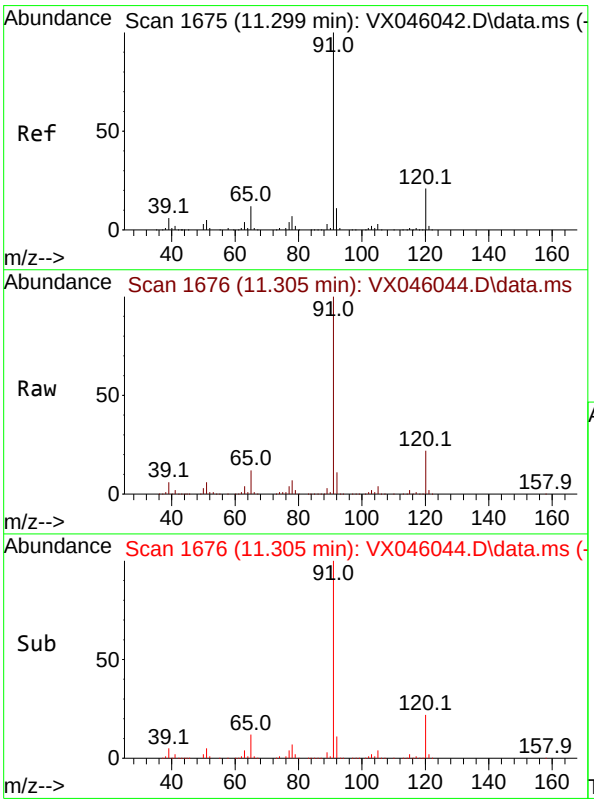
Ion	Ratio	Lower	Upper
156	100		
77	187.1	92.8	278.3
158	97.3	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

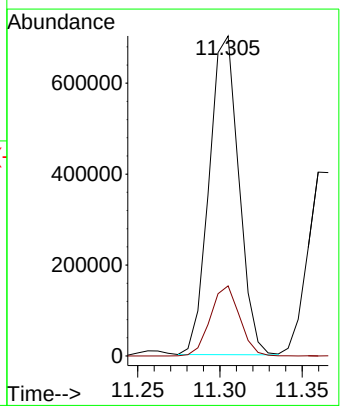
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

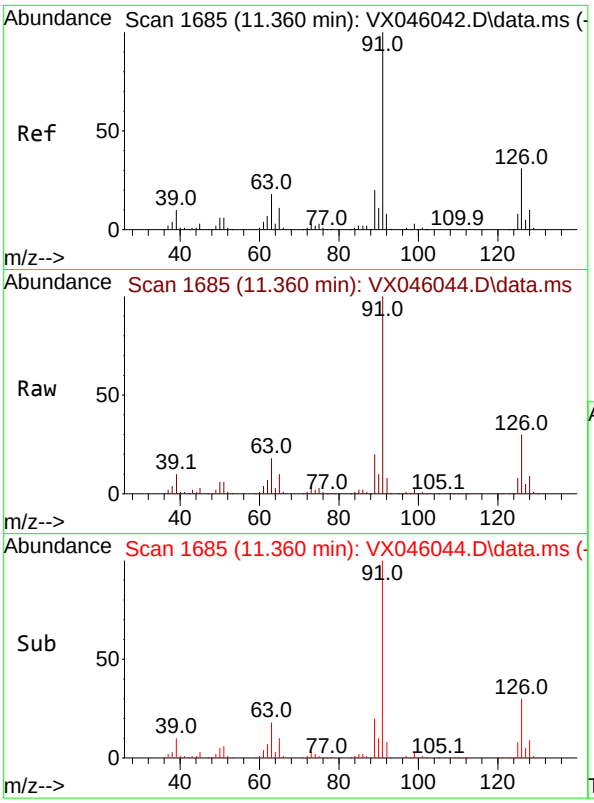


#78
n-propylbenzene
Concen: 119.448 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 881218

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4

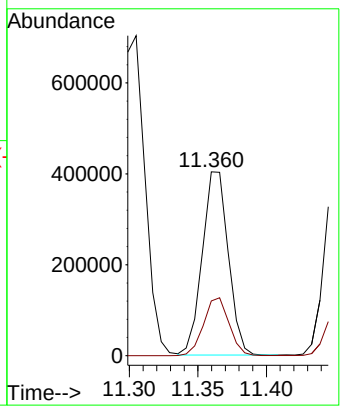




#79
2-Chlorotoluene
Concen: 107.514 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 53456

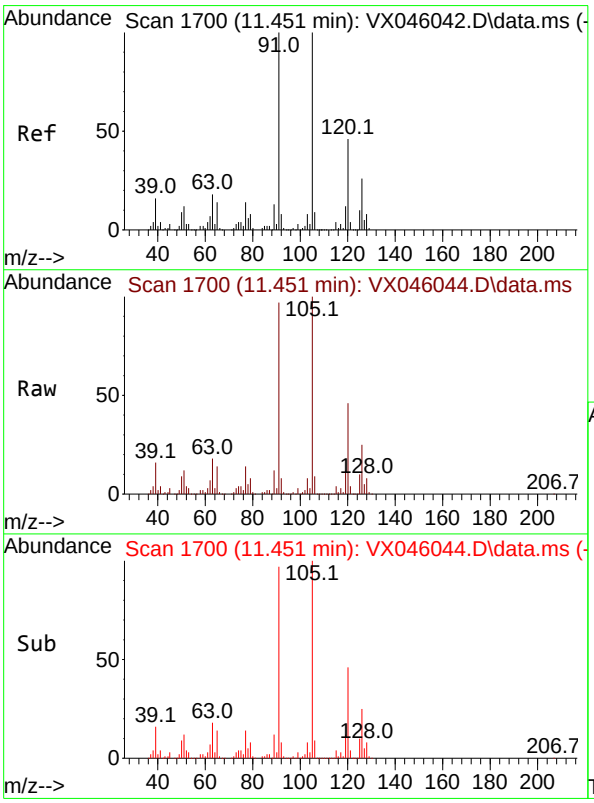
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

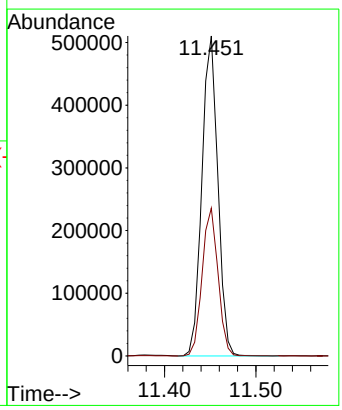
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

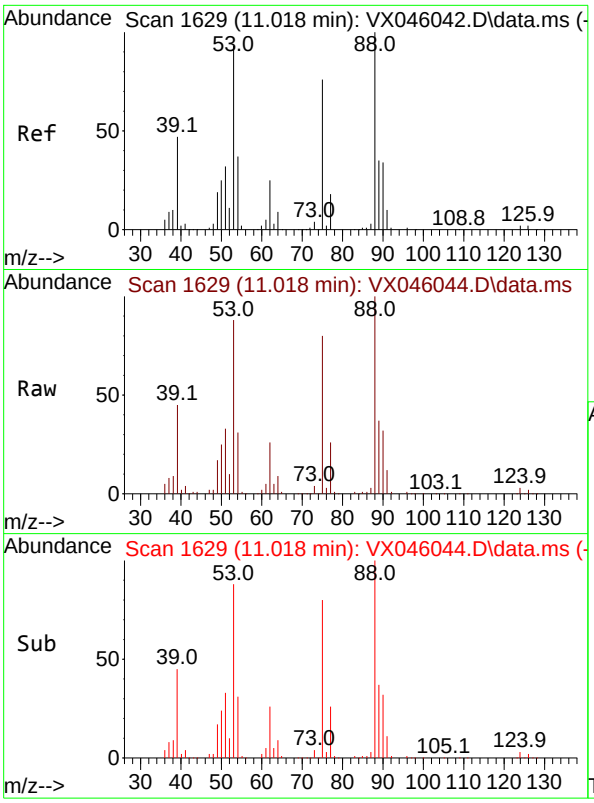


#80
1,3,5-Trimethylbenzene
Concen: 112.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:105 Resp: 616477

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 134.609 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

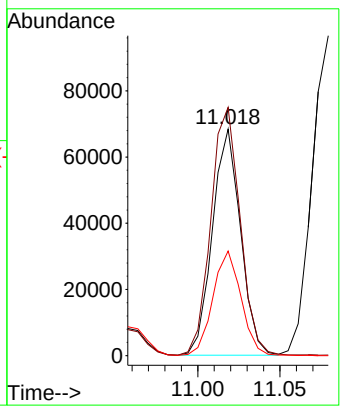
Tgt Ion: 75 Resp: 8137

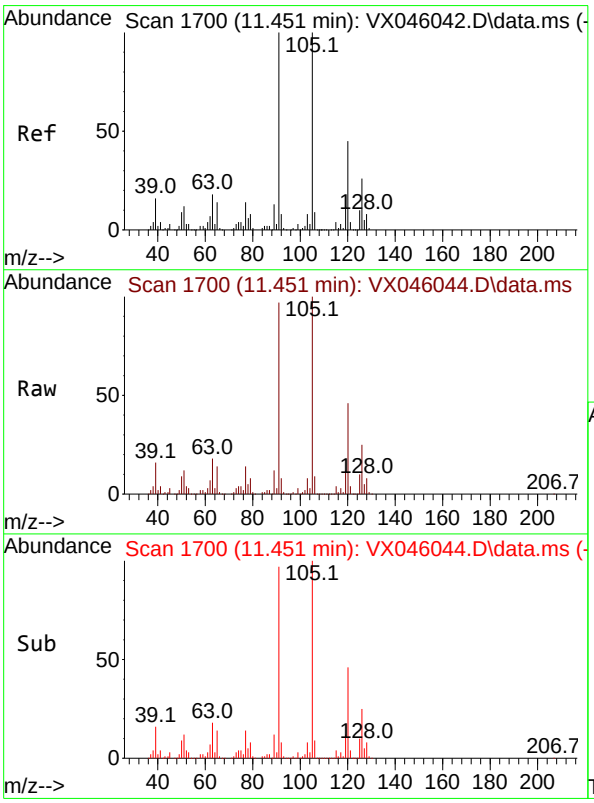
Ion	Ratio	Lower	Upper
75	100		
53	114.9	100.5	150.7
89	46.5	37.0	55.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

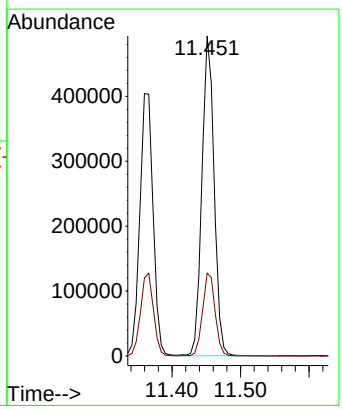


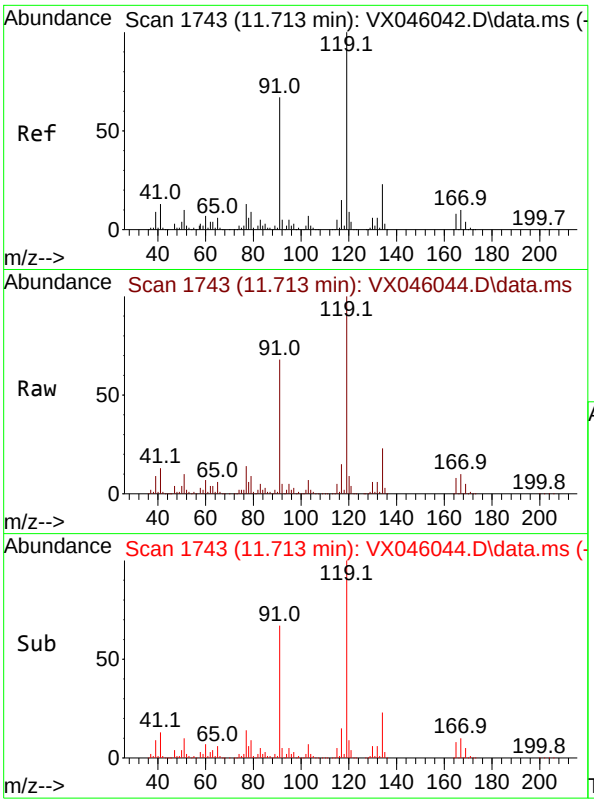


#82
4-Chlorotoluene
Concen: 111.948 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 611736

Ion	Ratio	Lower	Upper
91	100		
126	26.7	13.3	39.8

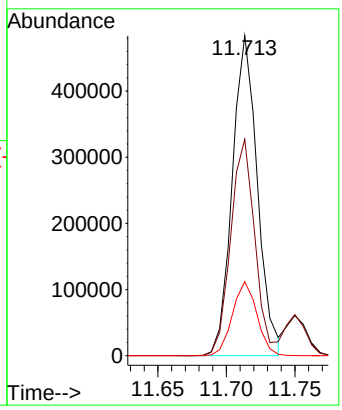




#83
tert-Butylbenzene
Concen: 115.065 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:119 Resp: 61747

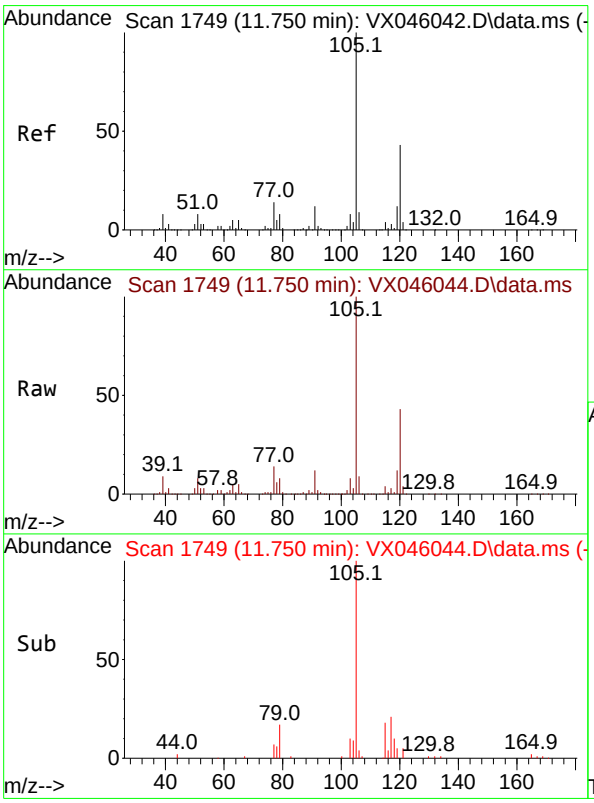
Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.9	98.7
134	22.6	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

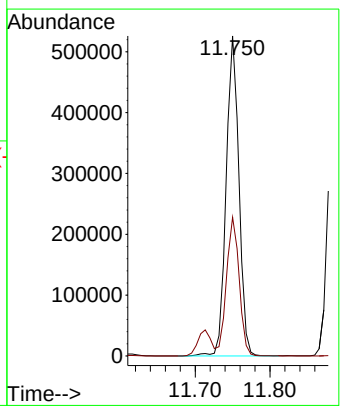
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

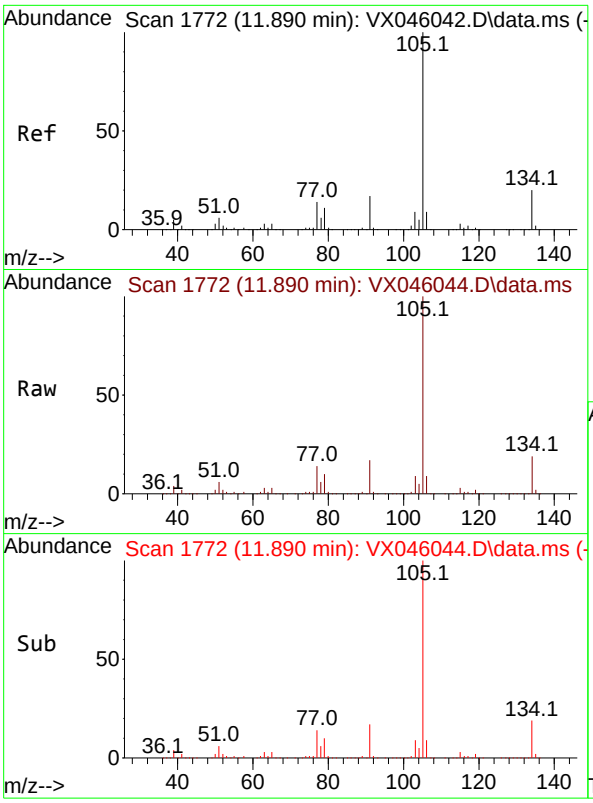


#84
1,2,4-Trimethylbenzene
Concen: 114.236 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:105 Resp: 623456

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.2	63.6





#85
sec-Butylbenzene
Concen: 118.023 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

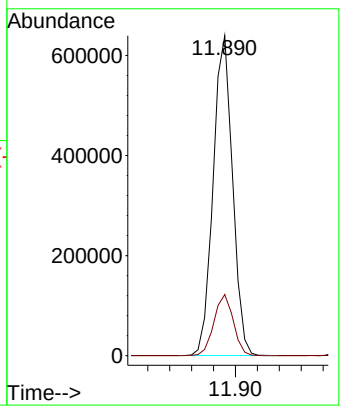
Tgt Ion:105 Resp: 78629

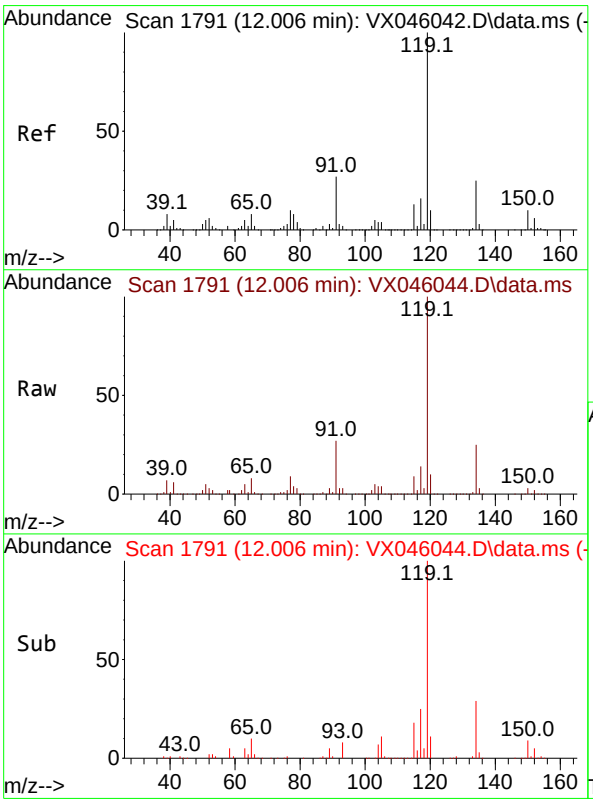
Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

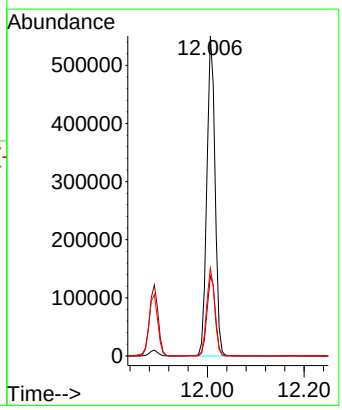


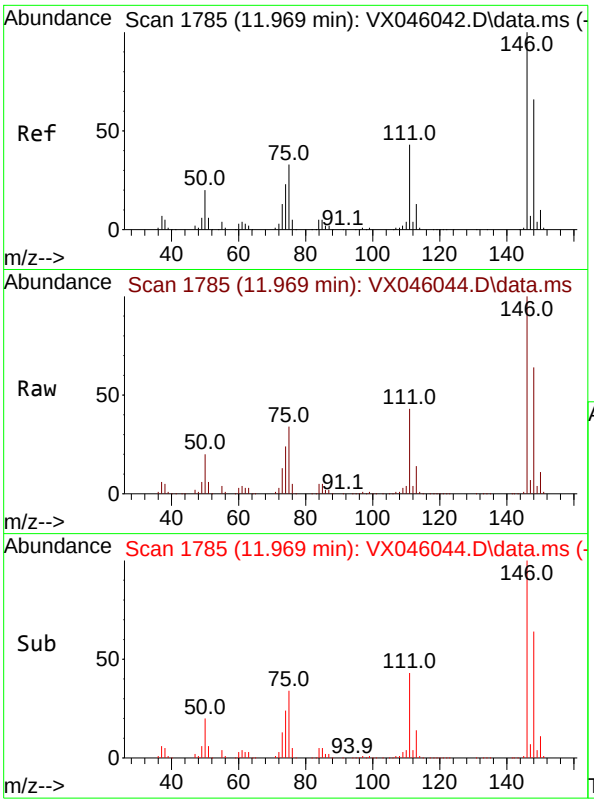


#86
p-Isopropyltoluene
Concen: 121.113 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:119 Resp: 651531

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.5	37.5
91	27.0	13.8	41.4

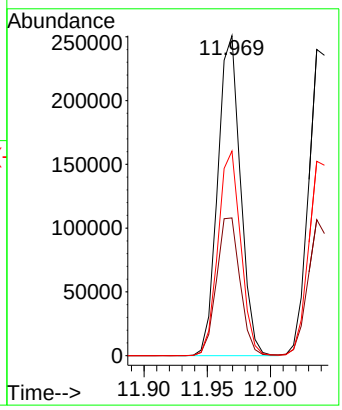




#87
1,3-Dichlorobenzene
Concen: 110.394 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:146 Resp: 31310

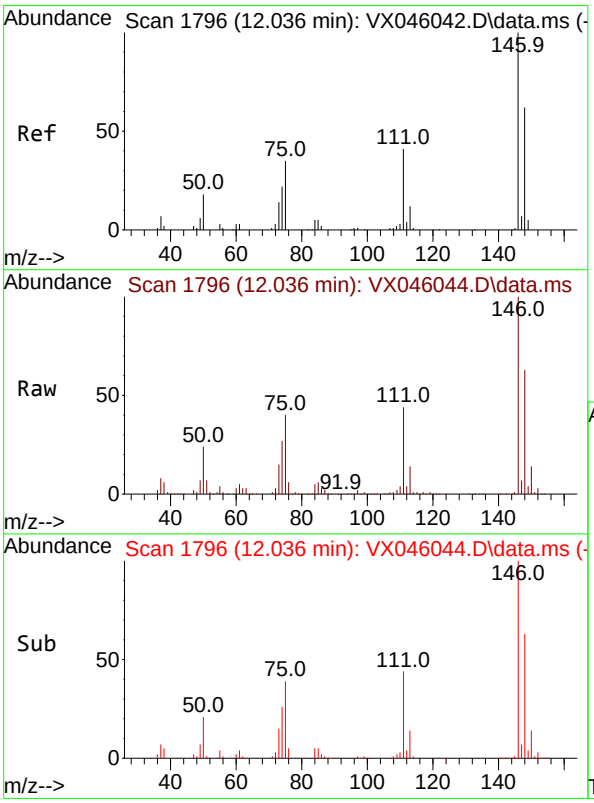
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.3
148	64.0	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

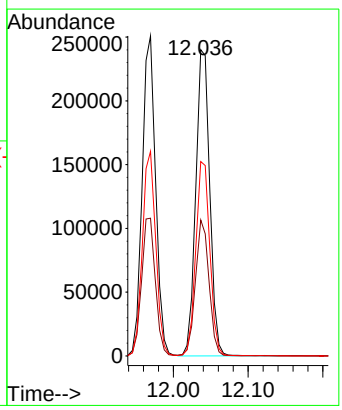
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

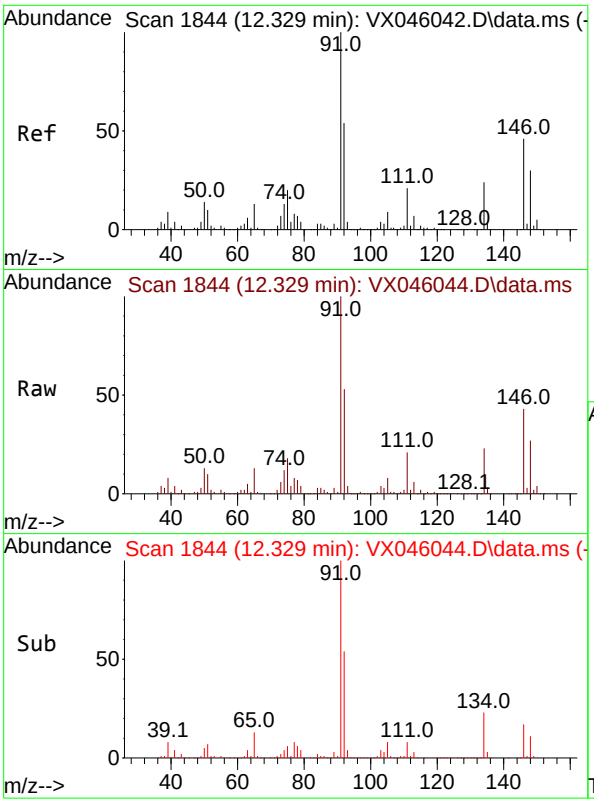


#88
1,4-Dichlorobenzene
Concen: 112.167 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:146 Resp: 311752

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.9	31.9	95.5

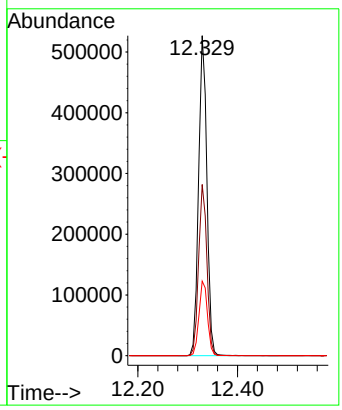




#89
n-Butylbenzene
Concen: 129.533 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 60578

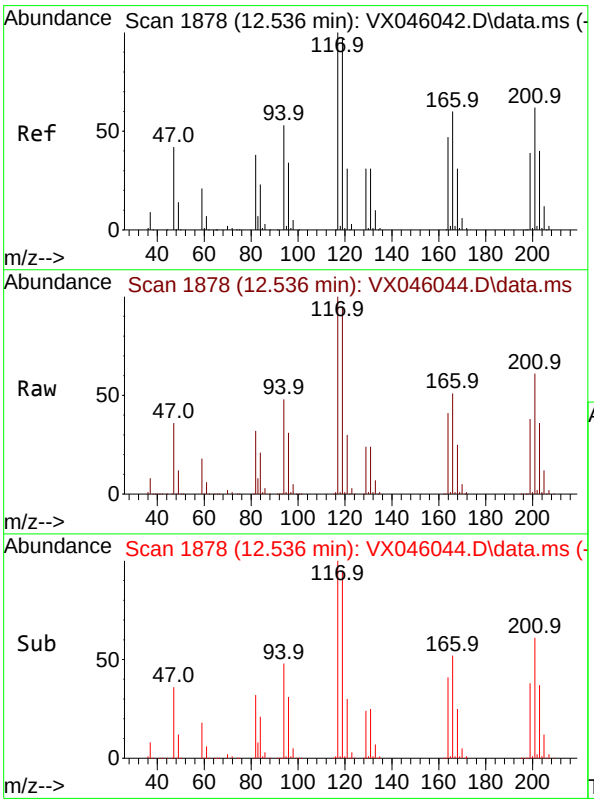
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	24.0	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

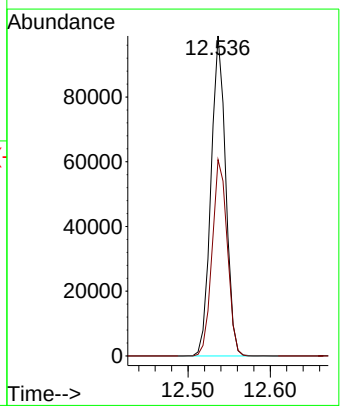
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

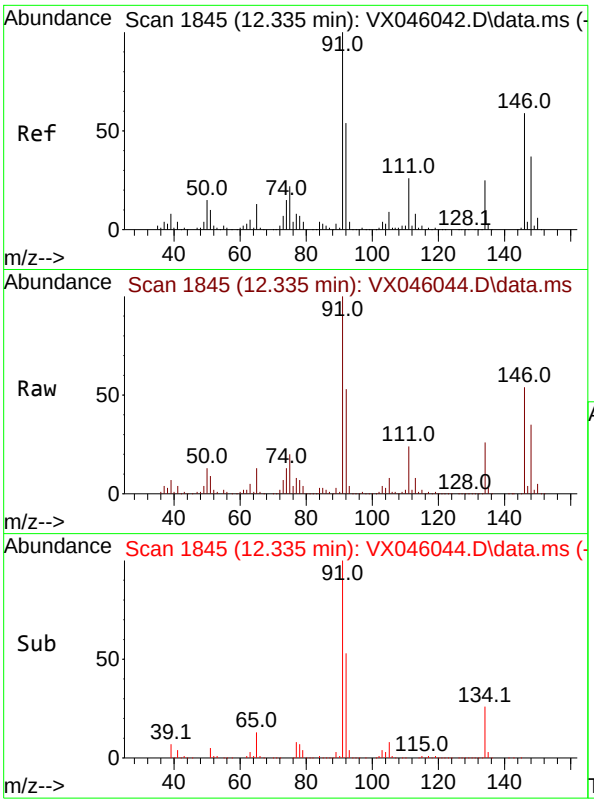


#90
Hexachloroethane
Concen: 123.091 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 123188

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.6	94.7

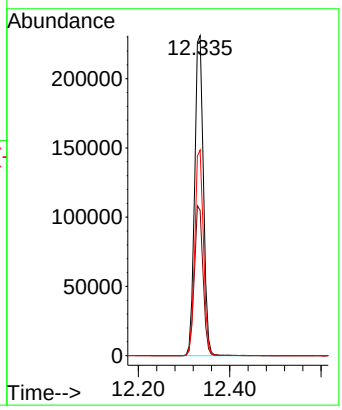




#91
1,2-Dichlorobenzene
Concen: 111.506 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:146 Resp: 30803

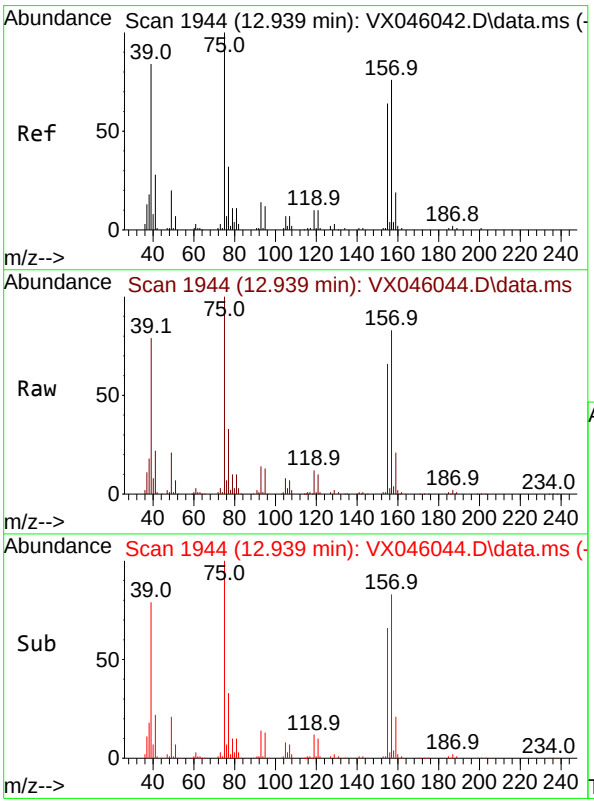
Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.4	67.3
148	63.6	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

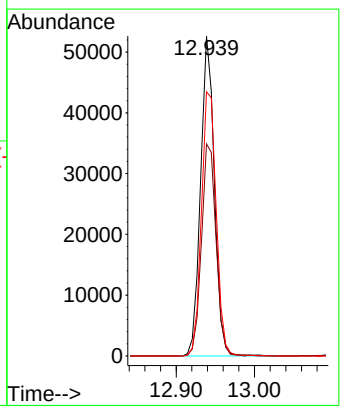
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

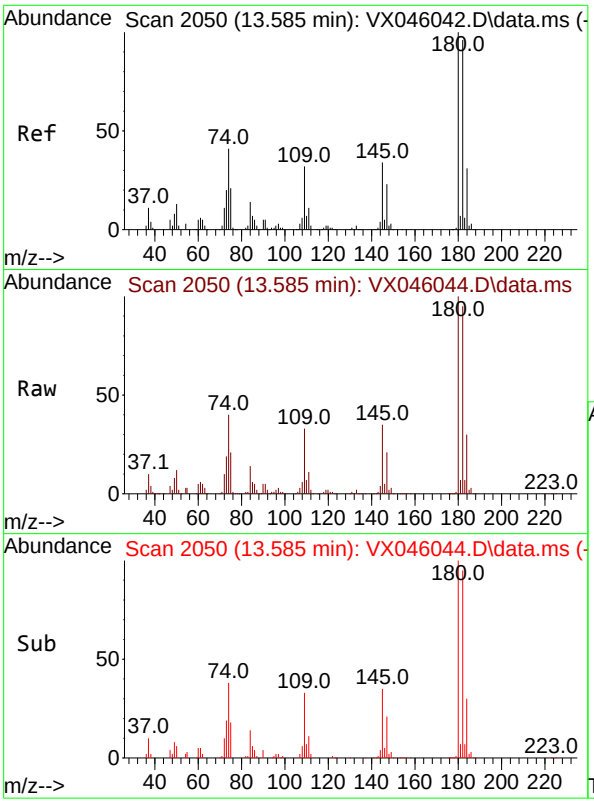


#92
1,2-Dibromo-3-Chloropropane
Concen: 120.915 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 64438

Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.9	104.8
157	88.4	43.8	131.4

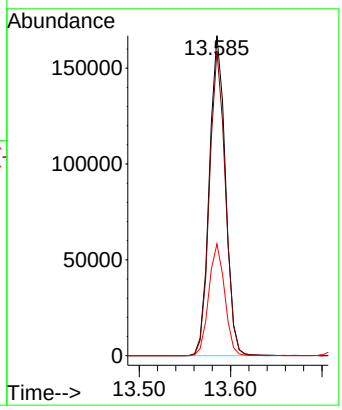




#93
1,2,4-Trichlorobenzene
Concen: 134.366 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:180 Resp: 20325

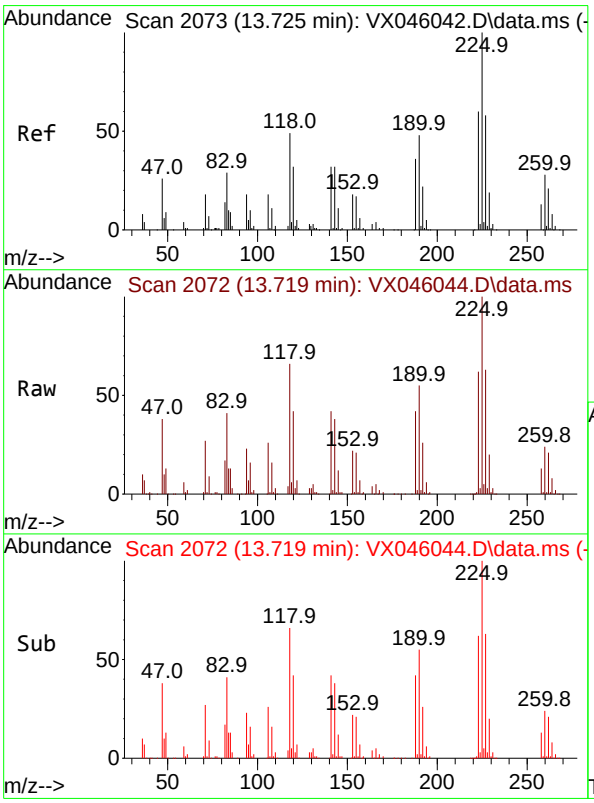
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	34.5	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

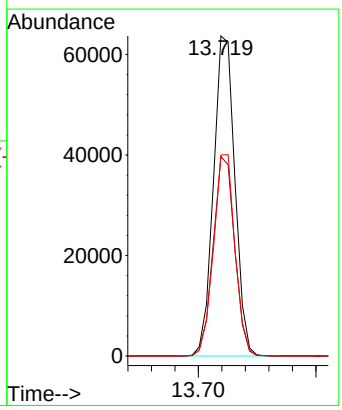
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

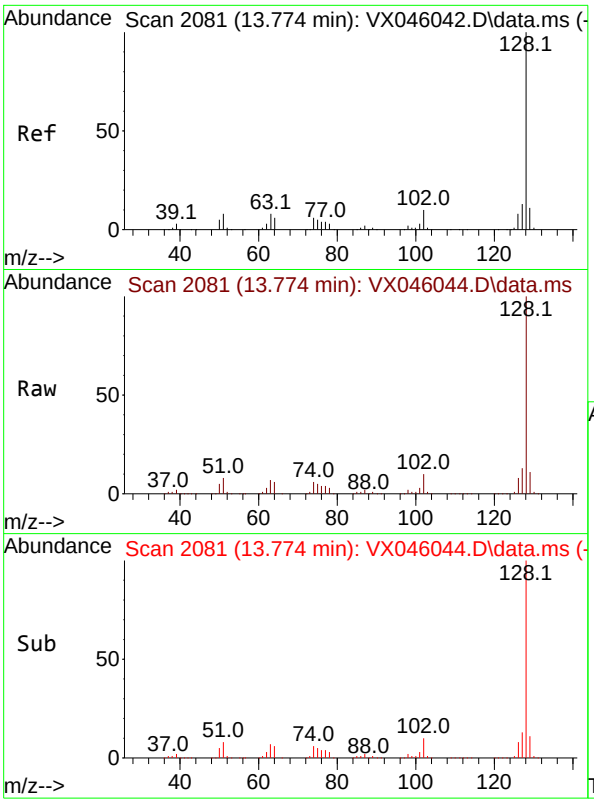


#94
Hexachlorobutadiene
Concen: 113.857 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:225 Resp: 80558

Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.8	92.4
227	63.1	30.9	92.7

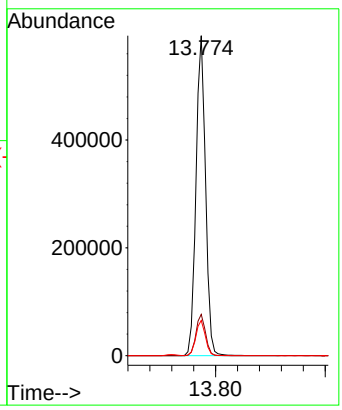




#95
Naphthalene
Concen: 130.929 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:128 Resp: 72123

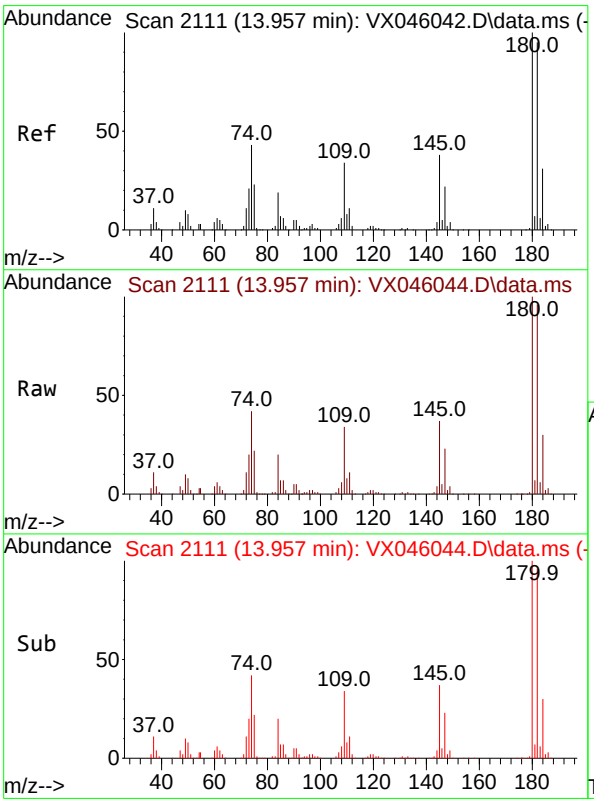
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

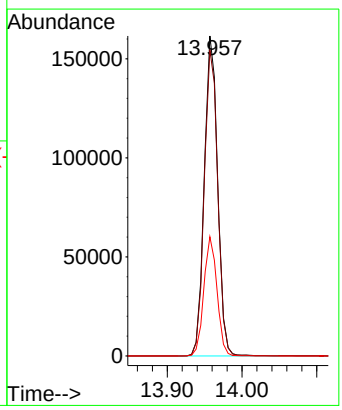
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 126.331 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:180 Resp: 200379

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	36.7	18.1	54.3



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	96964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	9067	3.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	6.280%#		
35) Dibromofluoromethane	5.373	113	5969	3.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	6.320%#		
50) Toluene-d8	8.647	98	20566	3.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.460%#		
62) 4-Bromofluorobenzene	11.079	95	7822	3.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	6.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6195	2.894	ug/l	95
3) Chloromethane	1.307	50	6587	3.125	ug/l	99
4) Vinyl Chloride	1.374	62	5999	3.249	ug/l	96
5) Bromomethane	1.593	94	2962	3.164	ug/l	88
6) Chloroethane	1.666	64	3567	3.750	ug/l	94
7) Trichlorofluoromethane	1.874	101	9599	3.413	ug/l	88
8) Diethyl Ether	2.130	74	3020	3.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5911	3.517	ug/l	99
10) Methyl Iodide	2.441	142	5900	2.990	ug/l	99
11) Tert butyl alcohol	2.965	59	5539	16.111	ug/l	98
12) 1,1-Dichloroethene	2.306	96	5496	3.359	ug/l	97
13) Acrolein	2.233	56	5673	14.206	ug/l	95
14) Allyl chloride	2.654	41	10262	3.319	ug/l	98
15) Acrylonitrile	3.062	53	16746	16.282	ug/l	97
16) Acetone	2.380	43	19773	20.036	ug/l	98
17) Carbon Disulfide	2.501	76	11068	2.919	ug/l	96
18) Methyl Acetate	2.703	43	7909	3.357	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18497	3.241	ug/l	97
20) Methylene Chloride	2.782	84	6680	3.341	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	5402	3.234	ug/l	100
22) Diisopropyl ether	3.751	45	18657	3.230	ug/l #	65
23) Vinyl Acetate	3.715	43	82328	16.127	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11193	3.297	ug/l	99
25) 2-Butanone	4.562	43	26125	18.340	ug/l	98
26) 2,2-Dichloropropane	4.465	77	8245	3.205	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6222	3.089	ug/l	95
28) Bromochloromethane	4.891	49	5360	2.969	ug/l #	100
29) Tetrahydrofuran	5.001	42	15431	16.680	ug/l	98
30) Chloroform	5.080	83	11624	3.294	ug/l	89
31) Cyclohexane	5.458	56	10269	3.588	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	9827	3.229	ug/l	97
36) 1,1-Dichloropropene	5.678	75	7787	3.551	ug/l	98
37) Ethyl Acetate	4.721	43	9806m	3.565	ug/l	
38) Carbon Tetrachloride	5.659	117	8505	3.376	ug/l	97
39) Methylcyclohexane	7.373	83	9882	3.597	ug/l	93
40) Benzene	6.031	78	22528	3.315	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	4851	3.174	ug/l	#	65
42) 1,2-Dichloroethane	6.080	62	10011	3.563	ug/l		100
43) Isopropyl Acetate	6.348	43	13914	3.309	ug/l		96
44) Trichloroethene	7.123	130	5313	3.307	ug/l		94
45) 1,2-Dichloropropane	7.427	63	5451	3.228	ug/l	#	89
46) Dibromomethane	7.580	93	4417	3.318	ug/l		98
47) Bromodichloromethane	7.818	83	8394	3.254	ug/l		98
48) Methyl methacrylate	7.696	41	7171	3.321	ug/l		97
49) 1,4-Dioxane	7.659	88	2907	67.721	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	46794	16.967	ug/l		98
52) Toluene	8.714	92	14126	3.505	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	6834	3.155	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	7908	3.129	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	5685	3.490	ug/l		98
56) Ethyl methacrylate	9.116	69	8555	3.390	ug/l		98
57) 1,3-Dichloropropane	9.305	76	10127	3.508	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.238	63	20809	18.346	ug/l		99
59) 2-Hexanone	9.427	43	34853	16.651	ug/l		97
60) Dibromochloromethane	9.518	129	5500	3.102	ug/l		98
61) 1,2-Dibromoethane	9.604	107	5614	3.356	ug/l		99
64) Tetrachloroethene	9.269	164	4752	3.162	ug/l		96
65) Chlorobenzene	10.079	112	15391	3.399	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	5024	3.326	ug/l		99
67) Ethyl Benzene	10.195	91	26732	3.463	ug/l		99
68) m/p-Xylenes	10.299	106	19957	7.156	ug/l		98
69) o-Xylene	10.640	106	9398	3.343	ug/l		95
70) Styrene	10.652	104	14900	3.312	ug/l		99
71) Bromoform	10.799	173	3470	3.059	ug/l	#	99
73) Isopropylbenzene	10.957	105	24201	3.266	ug/l		98
74) N-amyl acetate	10.841	43	11224	3.038	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.207	83	9170	3.479	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	7928m	2.799	ug/l		
77) Bromobenzene	11.195	156	5857	3.417	ug/l		96
78) n-propylbenzene	11.299	91	28436	3.424	ug/l		100
79) 2-Chlorotoluene	11.360	91	18672	3.336	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	20742	3.372	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	1828	2.686	ug/l		99
82) 4-Chlorotoluene	11.451	91	19966	3.245	ug/l		98
83) tert-Butylbenzene	11.713	119	21049	3.484	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	20613	3.355	ug/l		97
85) sec-Butylbenzene	11.890	105	25590	3.412	ug/l		99
86) p-Isopropyltoluene	12.006	119	20955	3.460	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10585	3.315	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	10908	3.486	ug/l		90
89) n-Butylbenzene	12.329	91	18004	3.419	ug/l		94
90) Hexachloroethane	12.536	117	3553	3.153	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	10712	3.444	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1687	2.812	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	5720	3.359	ug/l		96
94) Hexachlorobutadiene	13.719	225	2816	3.535	ug/l		96
95) Naphthalene	13.774	128	19902	3.209	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	5745	3.217	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

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

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

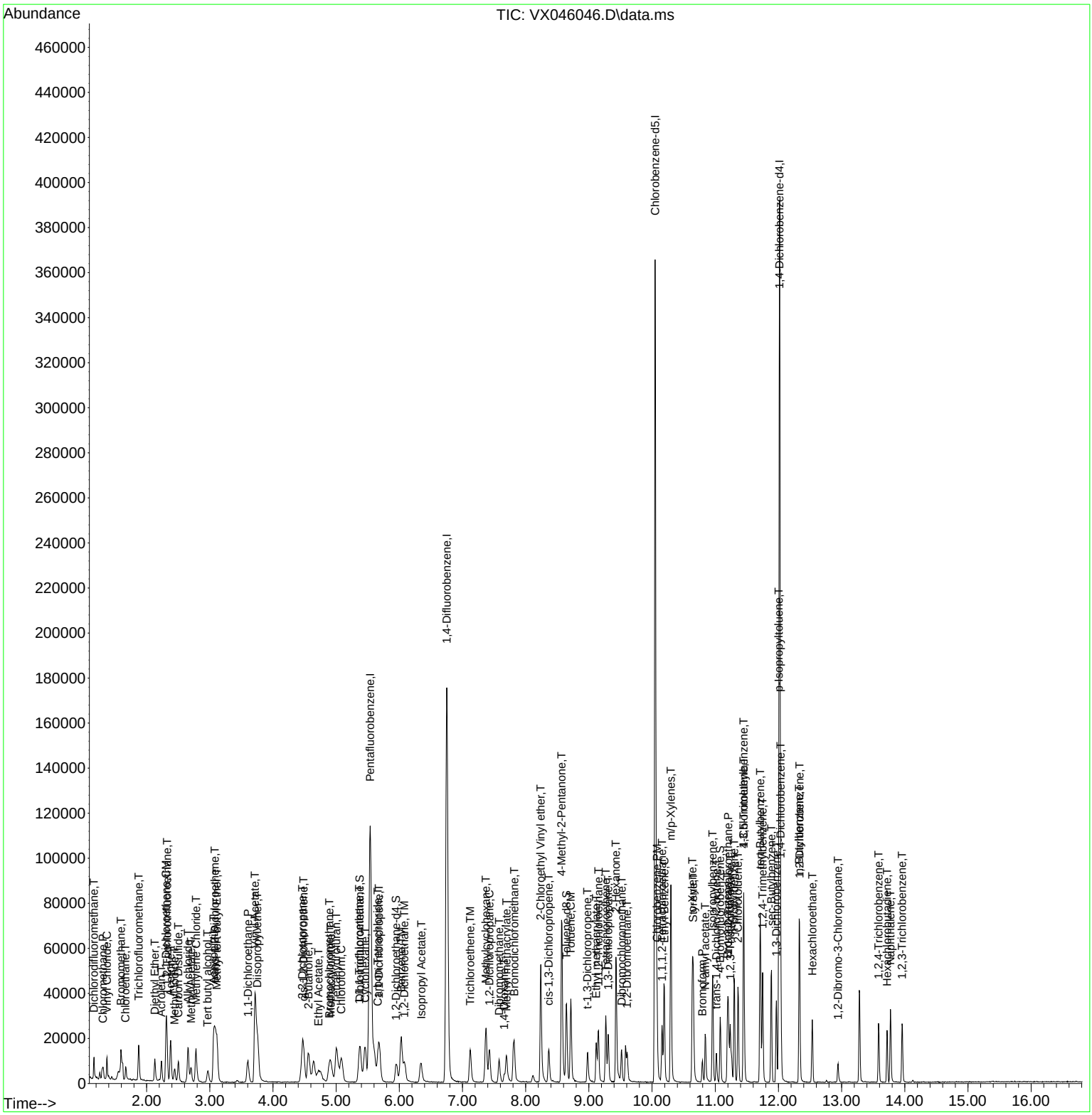
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Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

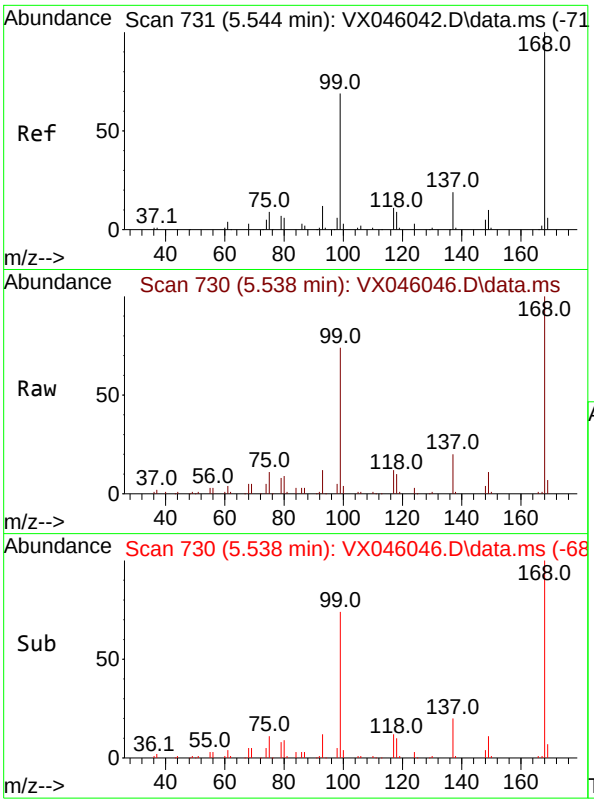
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Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

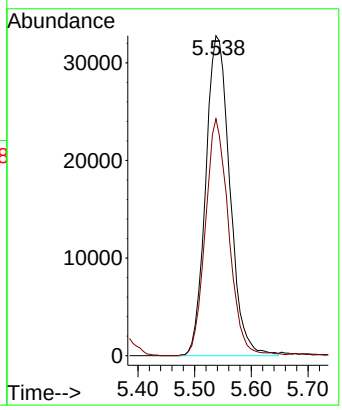




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:168 Resp: 9696

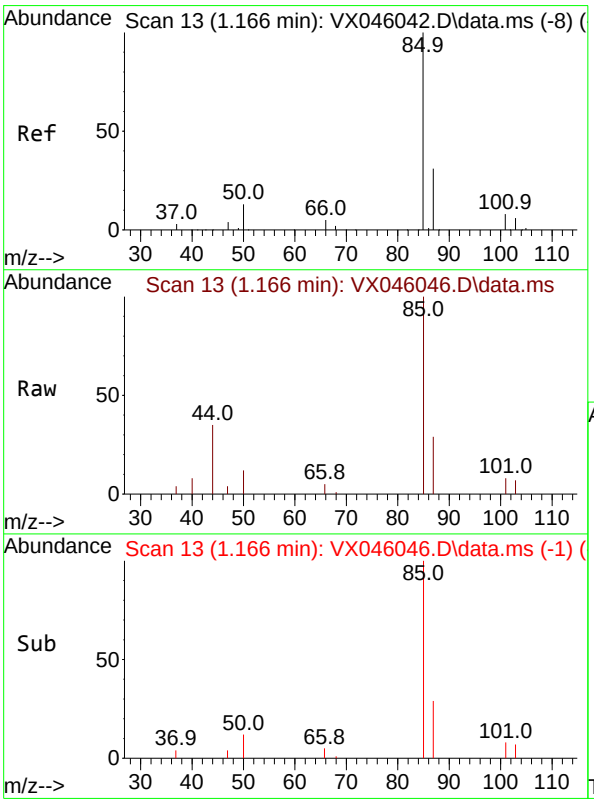
Ion	Ratio	Lower	Upper
168	100		
99	74.0	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

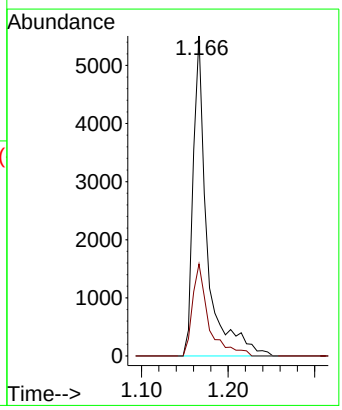
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

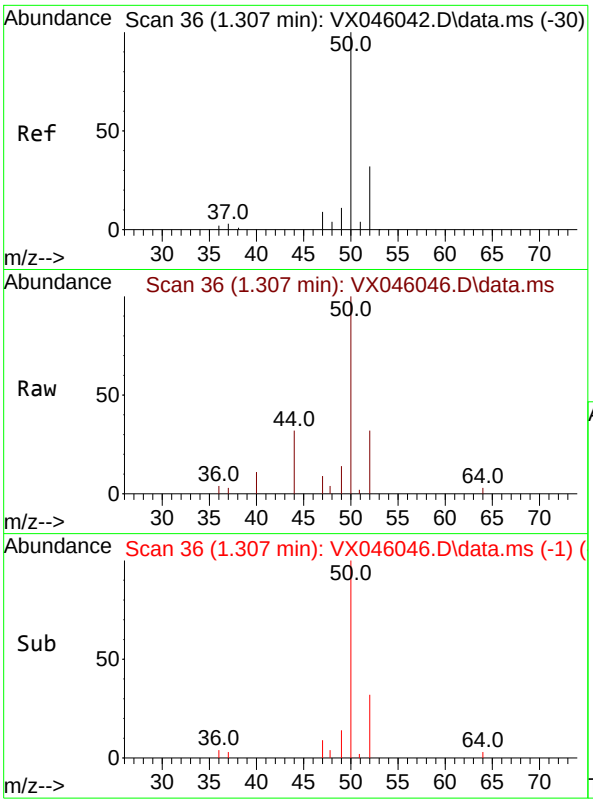


#2
Dichlorodifluoromethane
Concen: 2.894 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 85 Resp: 6195

Ion	Ratio	Lower	Upper
85	100		
87	28.7	15.7	47.1

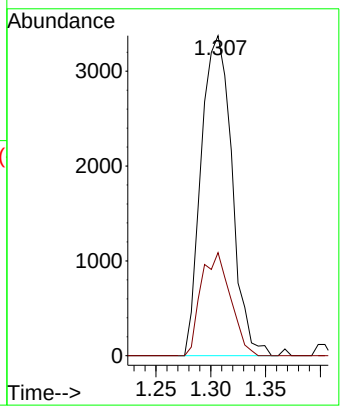




#3
Chloromethane
Concen: 3.125 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 50 Resp: 658

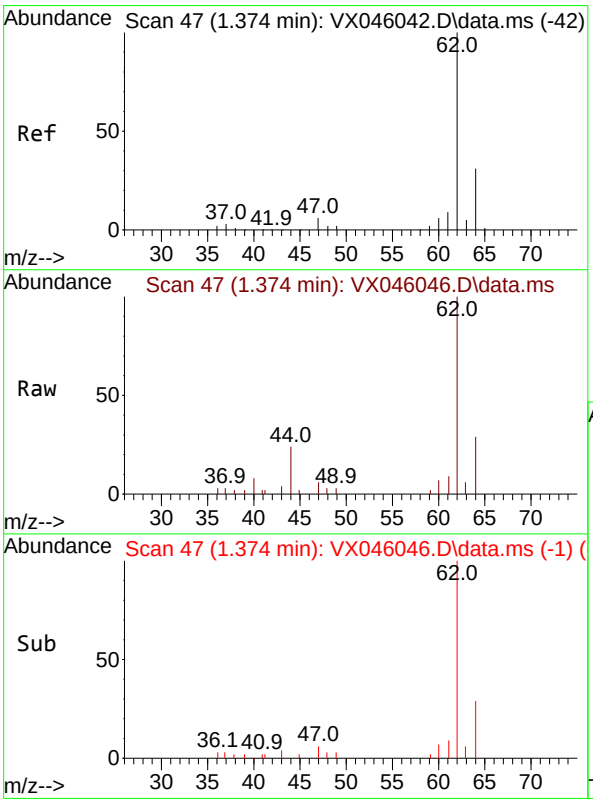
Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

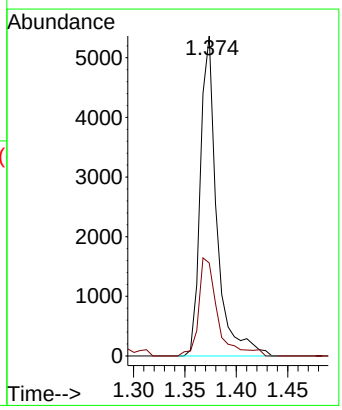
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

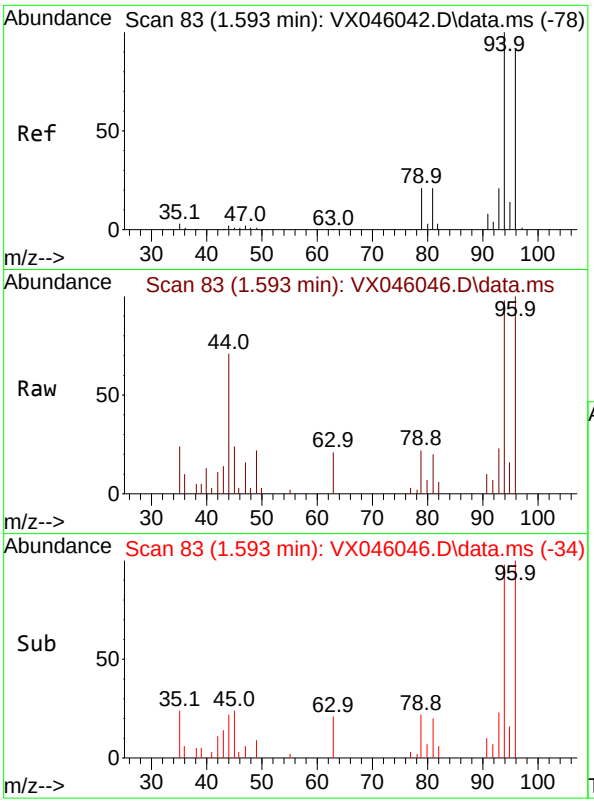


#4
Vinyl Chloride
Concen: 3.249 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 62 Resp: 5999

Ion	Ratio	Lower	Upper
62	100		
64	29.1	25.2	37.8

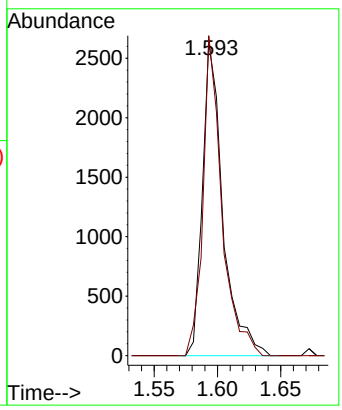




#5
Bromomethane
Concen: 3.164 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 94 Resp: 296

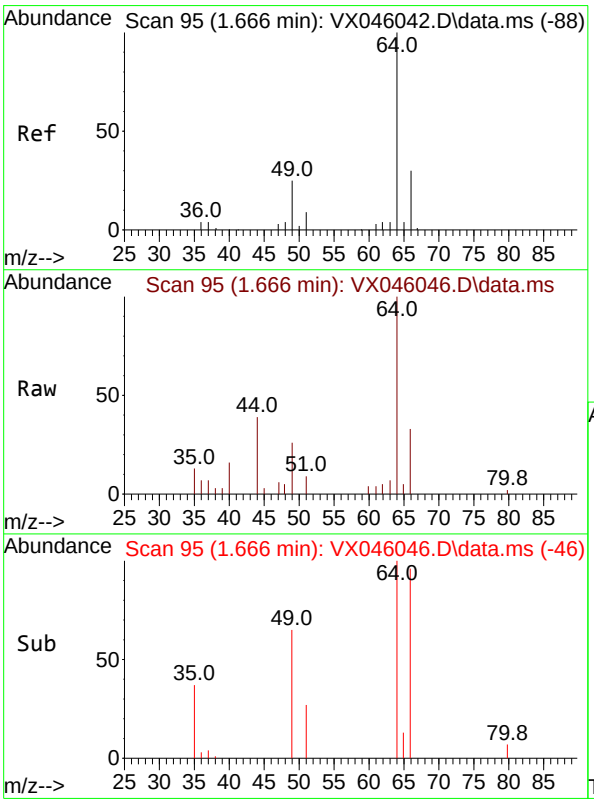
Ion	Ratio	Lower	Upper
94	100		
96	102.2	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

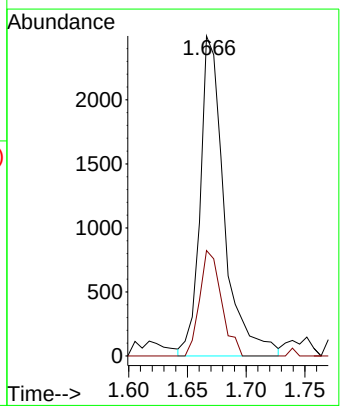
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

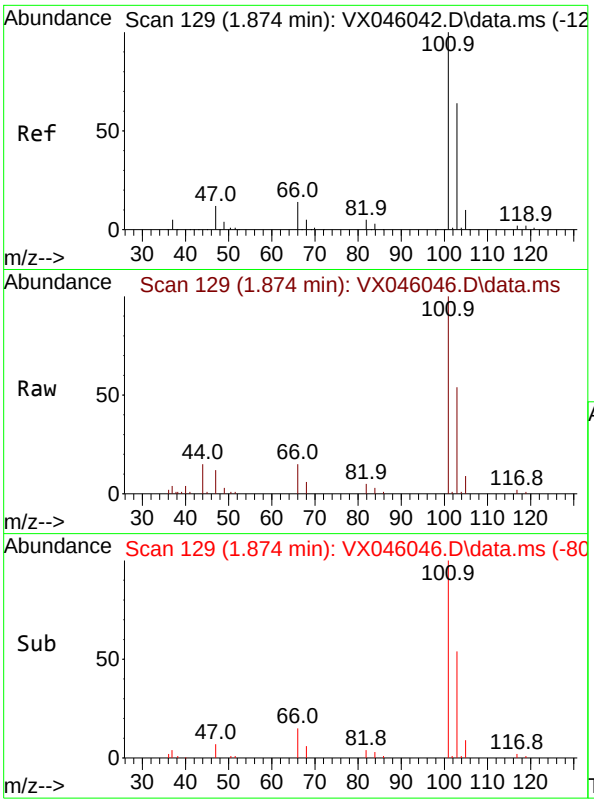


#6
Chloroethane
Concen: 3.750 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 64 Resp: 3567

Ion	Ratio	Lower	Upper
64	100		
66	33.7	24.3	36.5

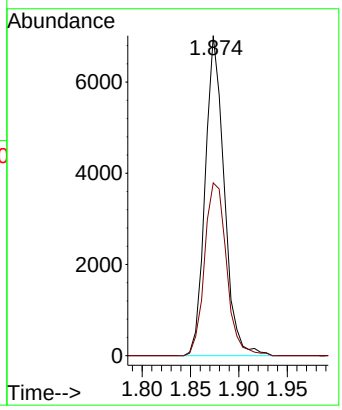




#7
Trichlorofluoromethane
Concen: 3.413 ug/l
RT: 1.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:101 Resp: 959

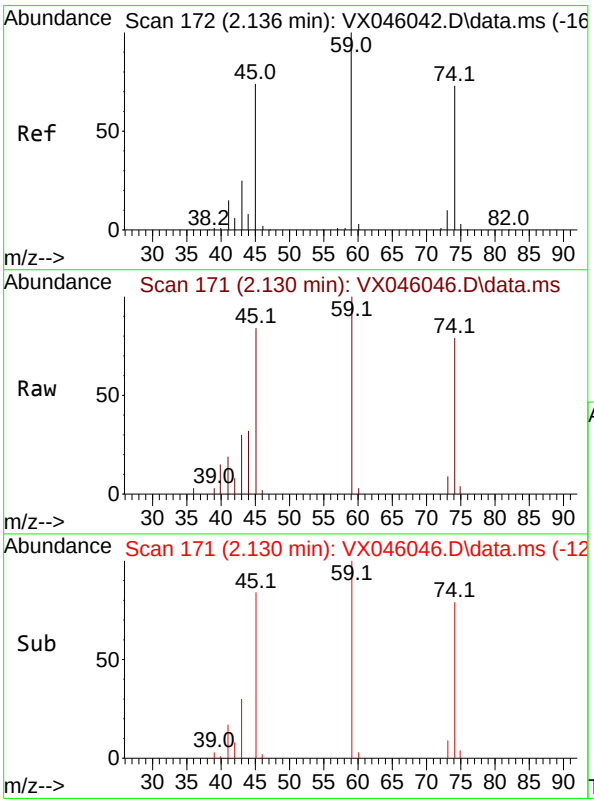
Ion	Ratio	Lower	Upper
101	100		
103	54.0	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

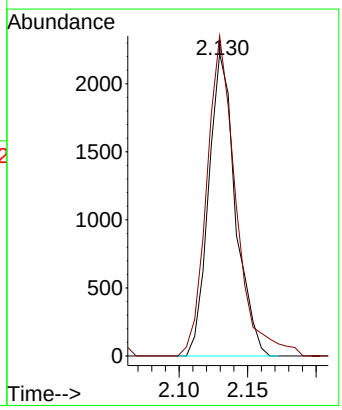
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

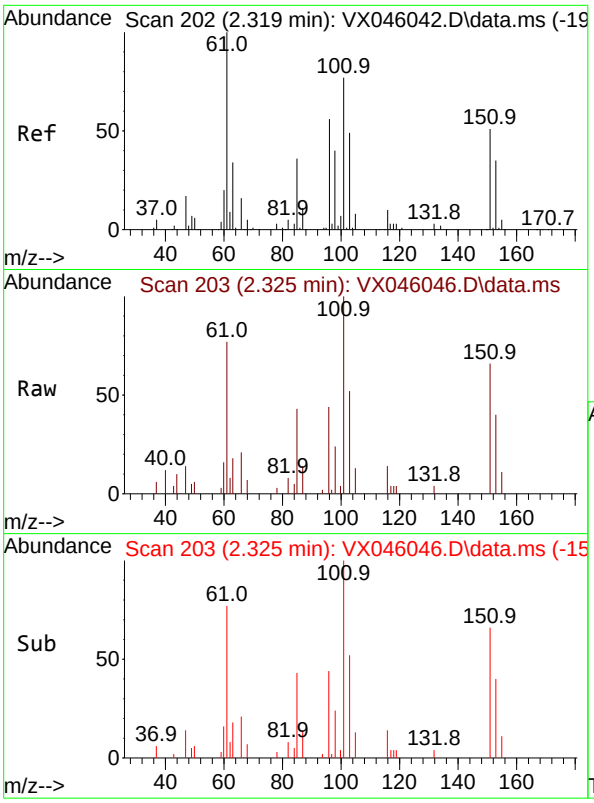


#8
Diethyl Ether
Concen: 3.266 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 74 Resp: 3020

Ion	Ratio	Lower	Upper
74	100		
45	115.1	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.517 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

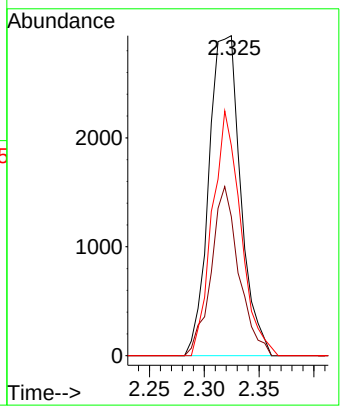
Tgt Ion:101 Resp: 591

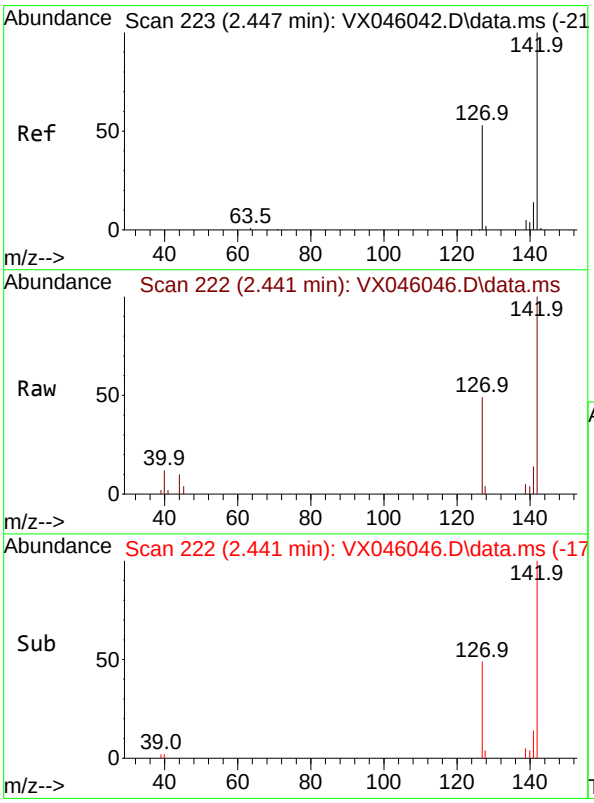
Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.6	58.0
151	68.8	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

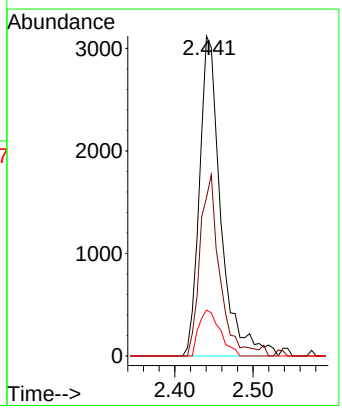


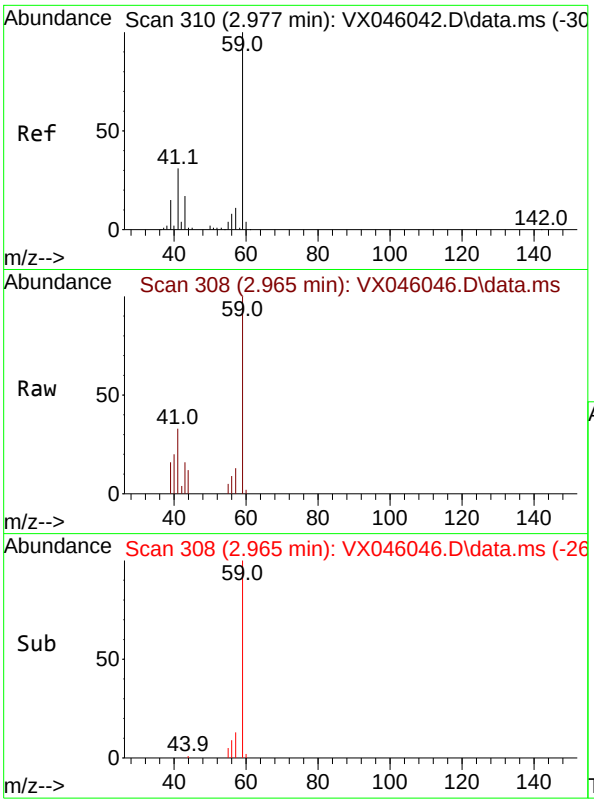


#10
Methyl Iodide
Concen: 2.990 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:142 Resp: 5900

Ion	Ratio	Lower	Upper
142	100		
127	52.8	41.7	62.5
141	14.3	11.5	17.3

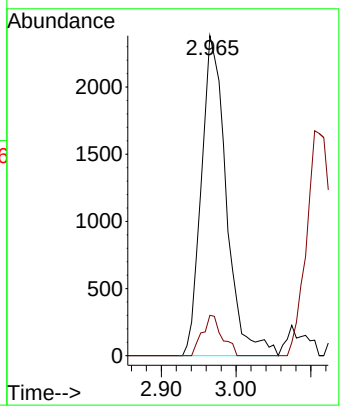




#11
Tert butyl alcohol
Concen: 16.111 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 59 Resp: 553

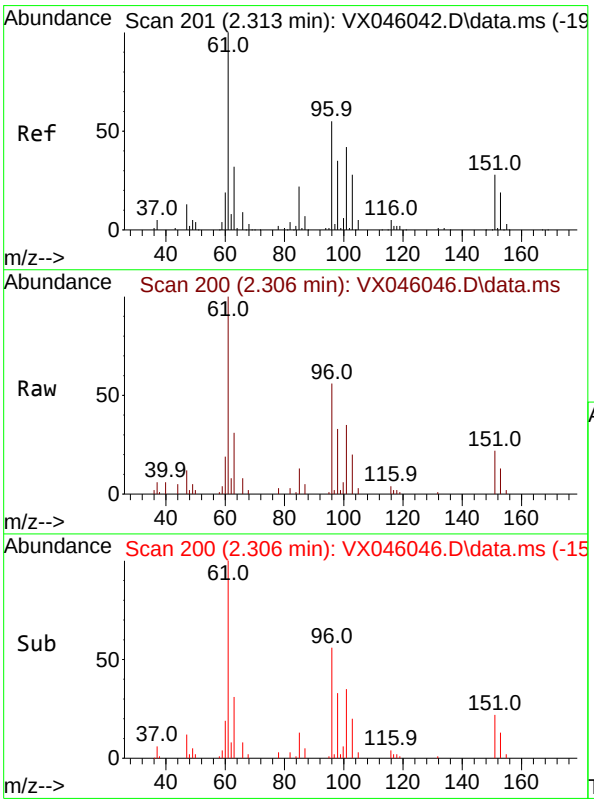
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

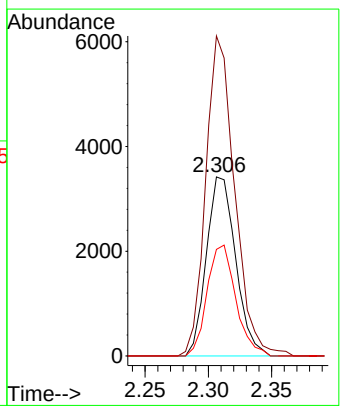
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

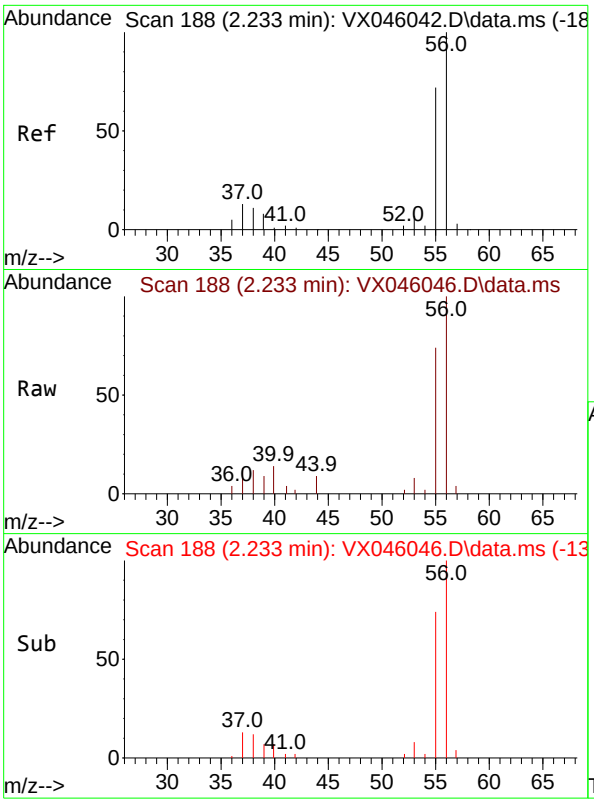


#12
1,1-Dichloroethene
Concen: 3.359 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 96 Resp: 5496

Ion	Ratio	Lower	Upper
96	100		
61	178.7	146.2	219.2
98	59.5	51.0	76.6

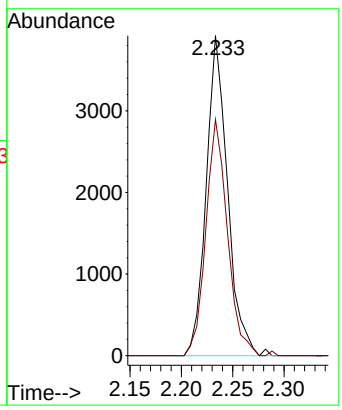




#13
Acrolein
Concen: 14.206 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 56 Resp: 567

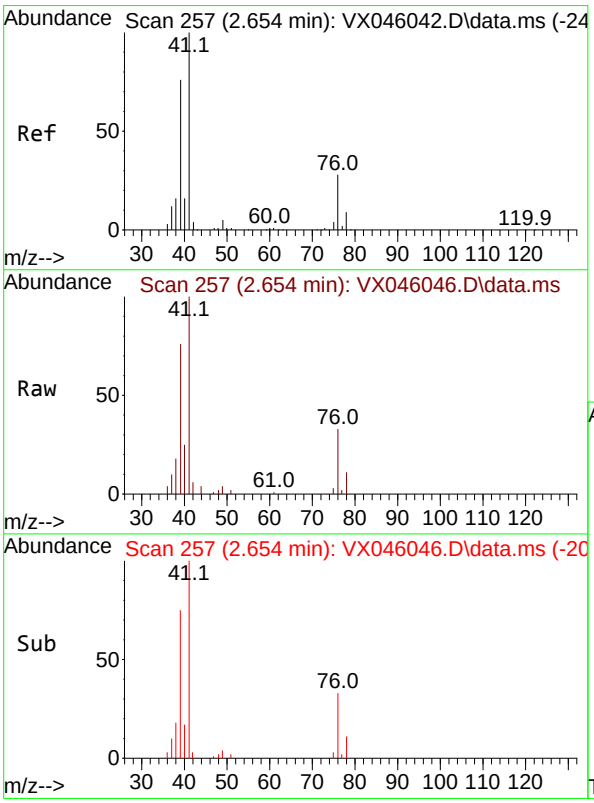
Ion	Ratio	Lower	Upper
56	100		
55	74.5	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

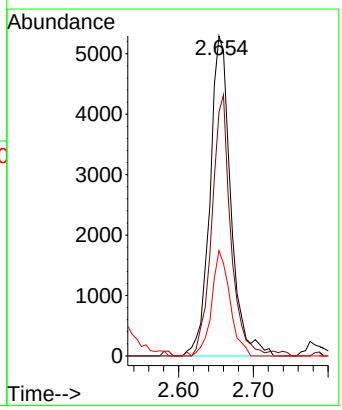
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

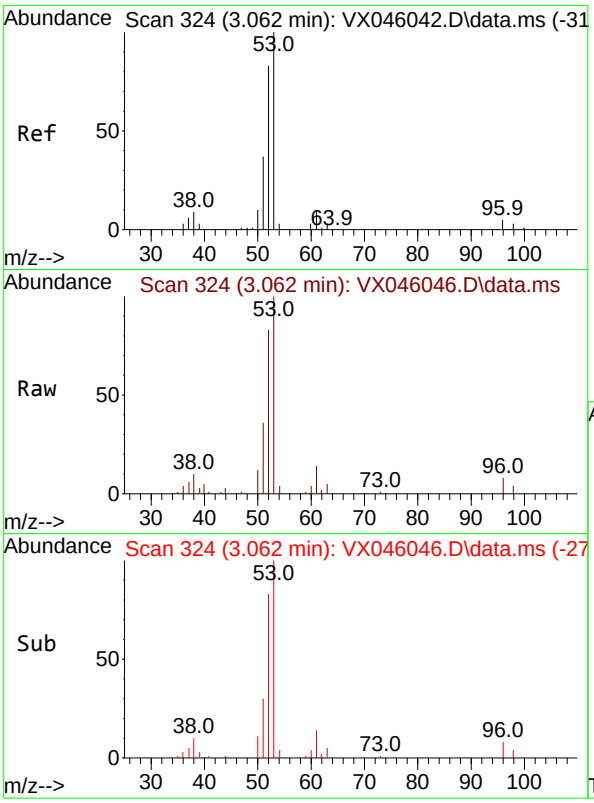


#14
Allyl chloride
Concen: 3.319 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 41 Resp: 10262

Ion	Ratio	Lower	Upper
41	100		
39	74.1	60.6	90.8
76	29.1	24.9	37.3

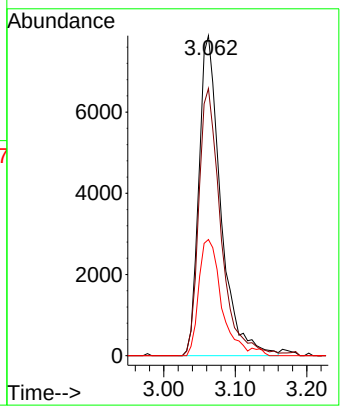




#15
Acrylonitrile
Concen: 16.282 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 53 Resp: 1674

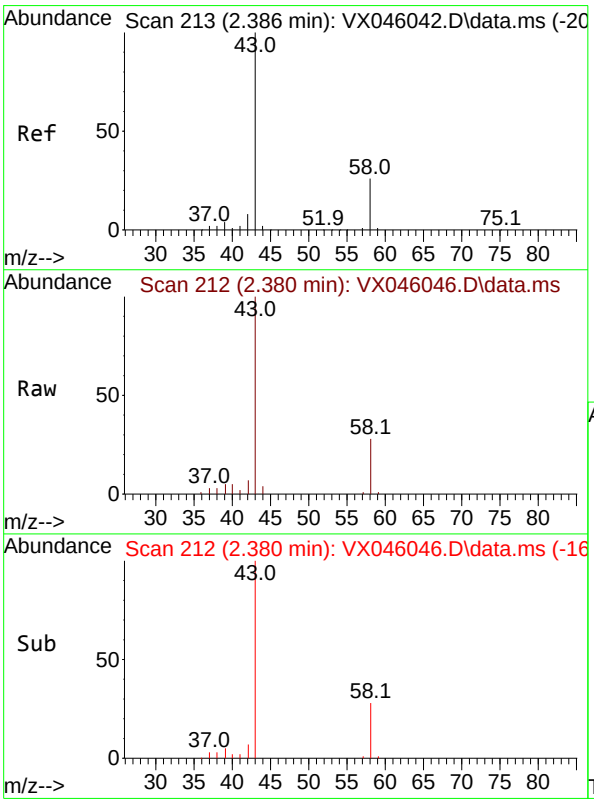
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	38.5	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

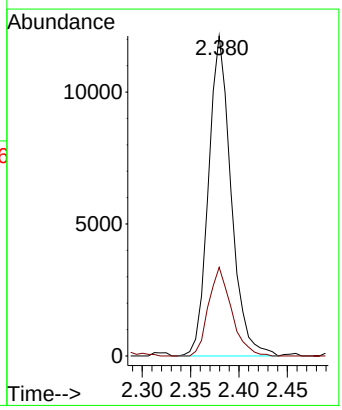
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

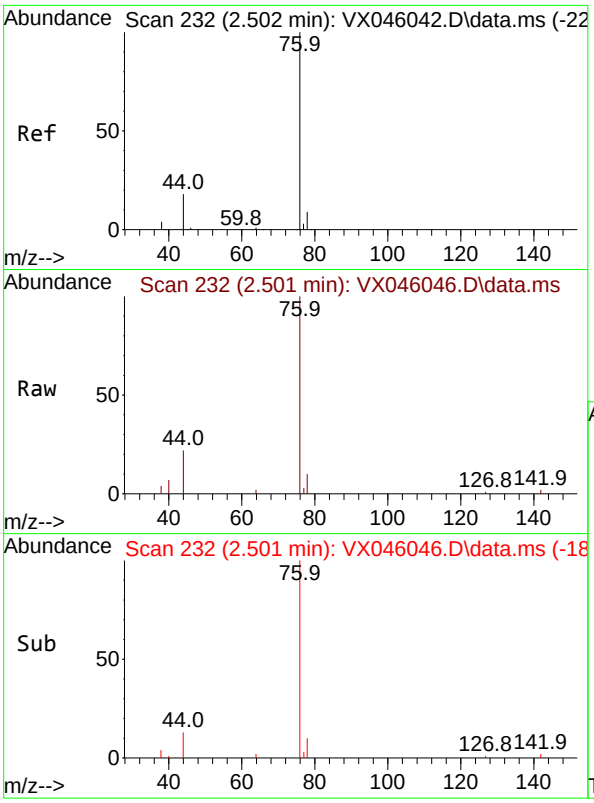


#16
Acetone
Concen: 20.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 19773

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.2	31.8

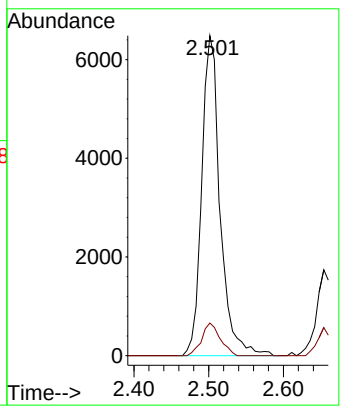




#17
Carbon Disulfide
Concen: 2.919 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 76 Resp: 1106

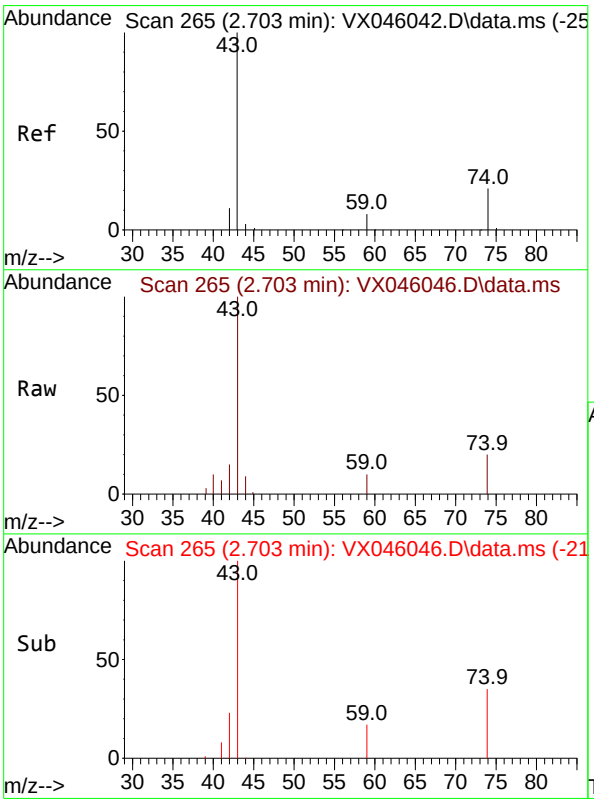
Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

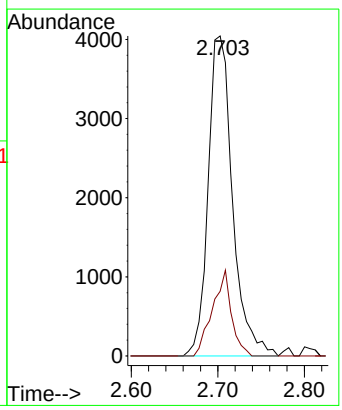
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

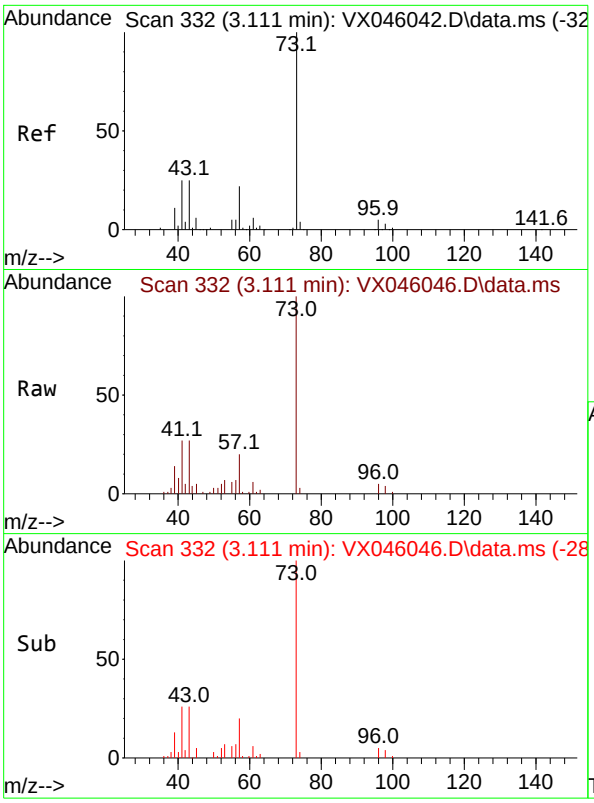


#18
Methyl Acetate
Concen: 3.357 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 7909

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1

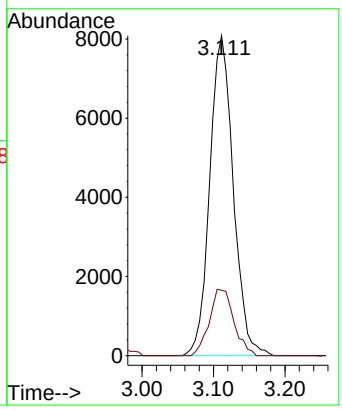




#19
Methyl tert-butyl Ether
Concen: 3.241 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 73 Resp: 1849

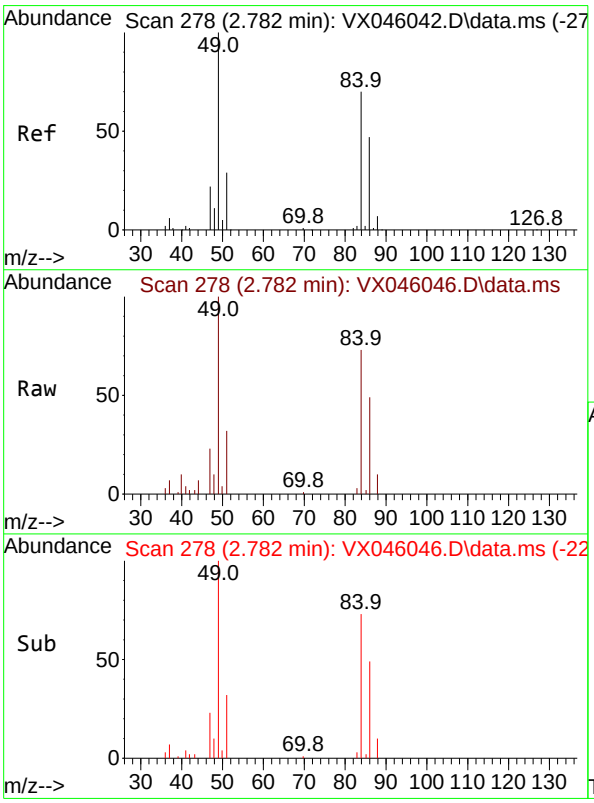
Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

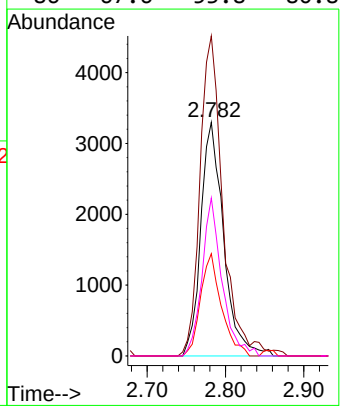
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

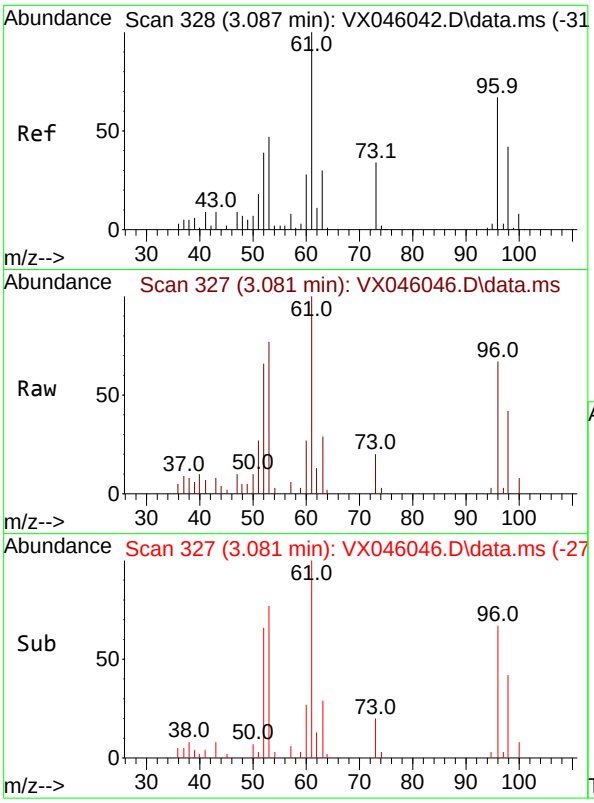


#20
Methylene Chloride
Concen: 3.341 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 84 Resp: 6680

Ion	Ratio	Lower	Upper
84	100		
49	137.0	113.9	170.9
51	43.8	33.5	50.3
86	67.6	53.8	80.8

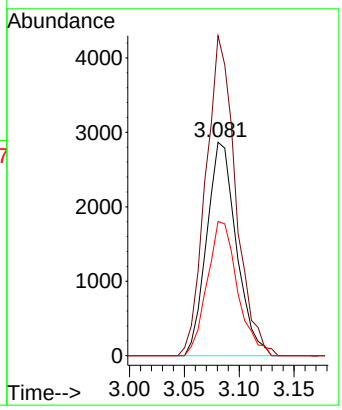




#21
trans-1,2-Dichloroethene
Concen: 3.234 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 96 Resp: 540

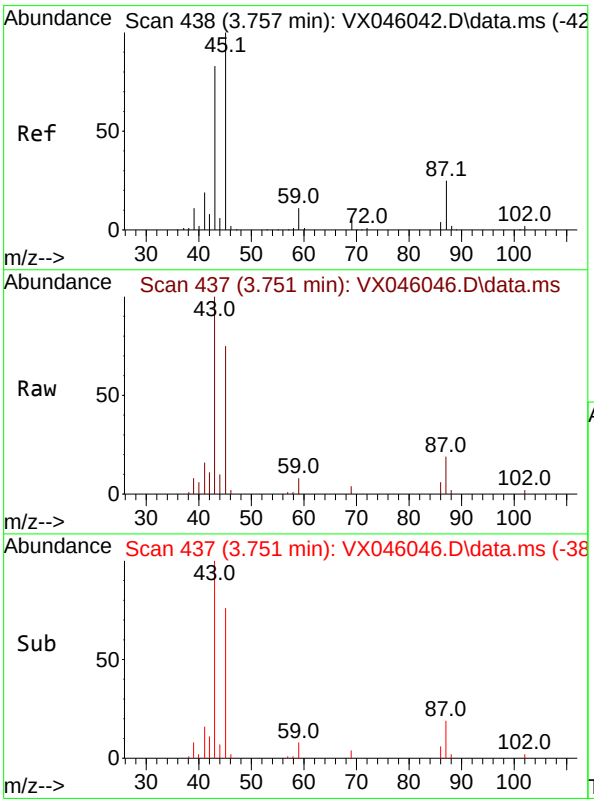
Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.5	179.3
98	62.9	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

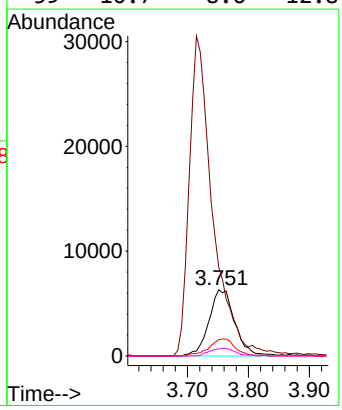
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

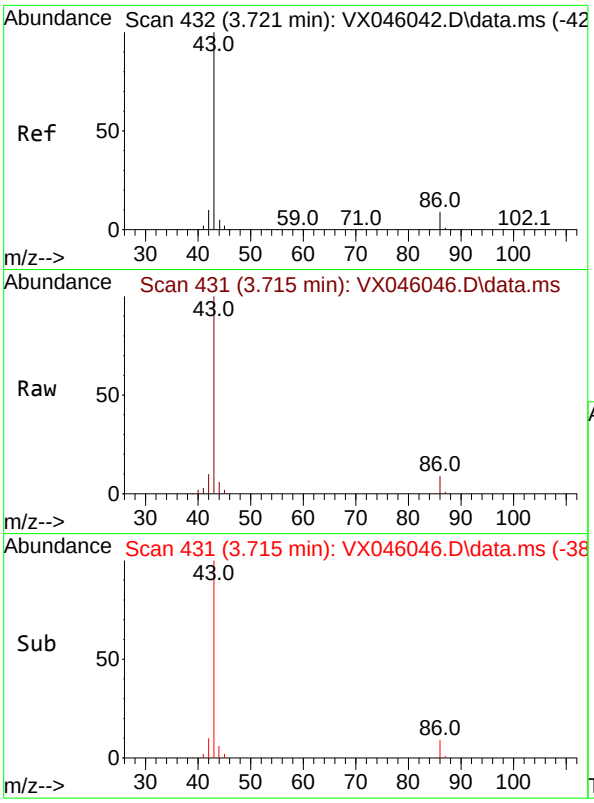


#22
Diisopropyl ether
Concen: 3.230 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 45 Resp: 18657

Ion	Ratio	Lower	Upper
45	100		
43	128.0	66.6	100.0#
87	24.7	19.8	29.6
59	10.7	8.6	12.8





#23
Vinyl Acetate
Concen: 16.127 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

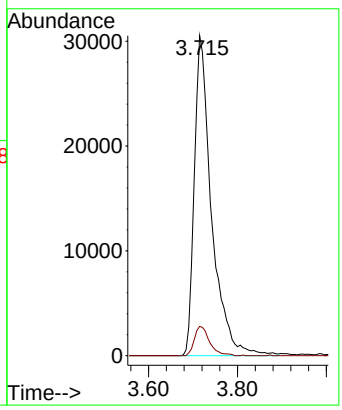
Tgt Ion: 43 Resp: 8232

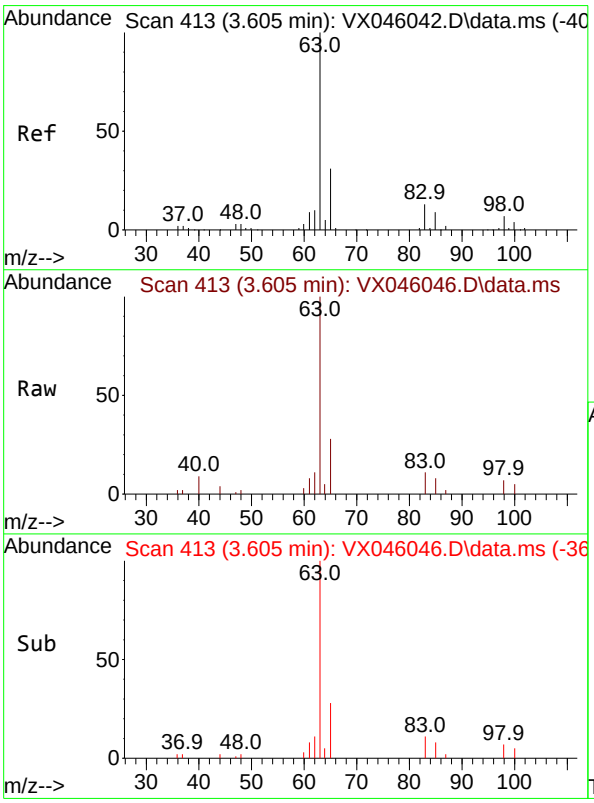
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

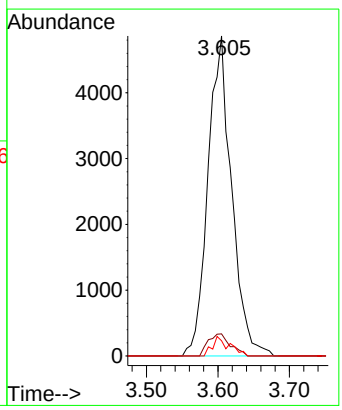


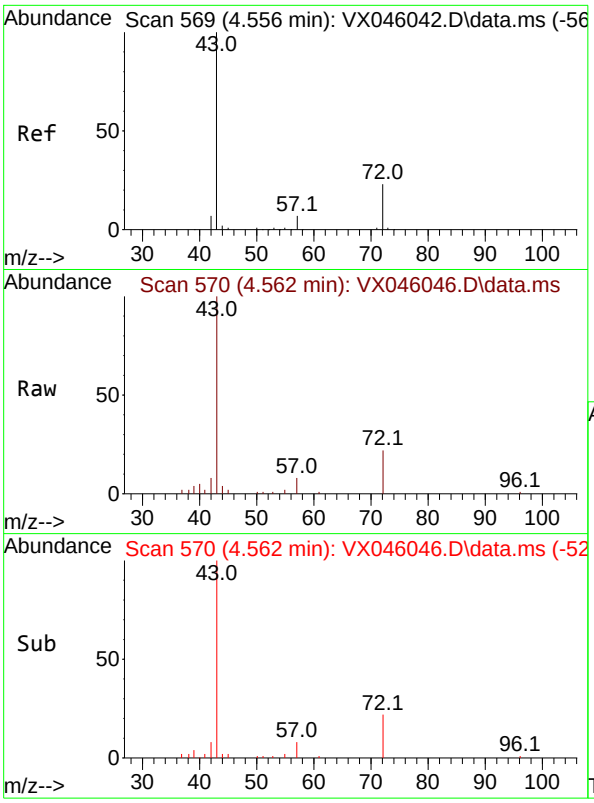


#24
1,1-Dichloroethane
Concen: 3.297 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 11193

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	4.7	2.1	6.3





#25
2-Butanone
Concen: 18.340 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

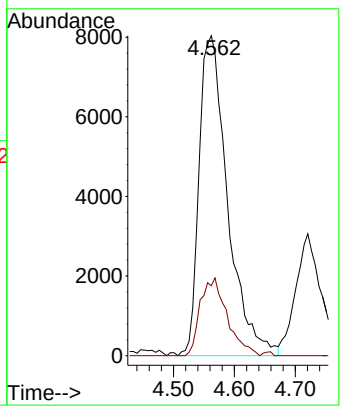
Tgt Ion: 43 Resp: 2612

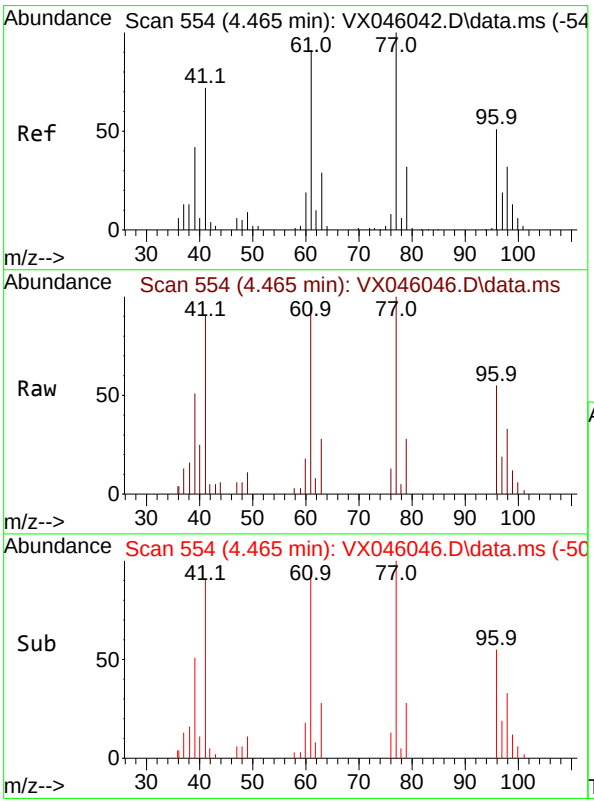
Ion	Ratio	Lower	Upper
43	100		
72	21.8	18.4	27.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

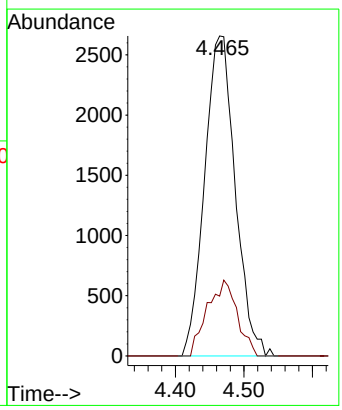


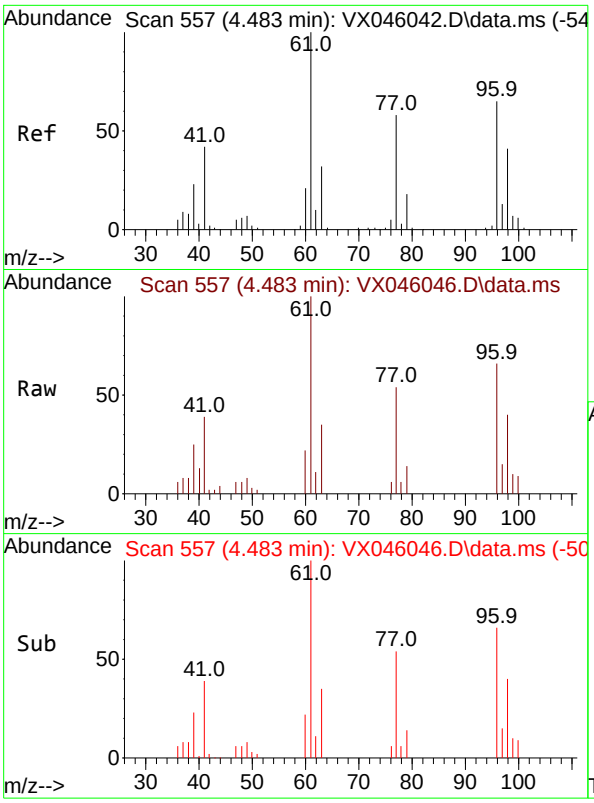


#26
2,2-Dichloropropane
Concen: 3.205 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 77 Resp: 8245

Ion	Ratio	Lower	Upper
77	100		
97	23.1	10.5	31.5

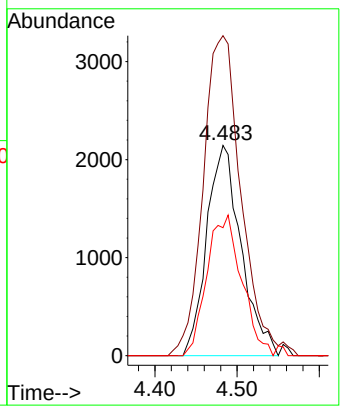




#27
cis-1,2-Dichloroethene
Concen: 3.089 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 96 Resp: 622

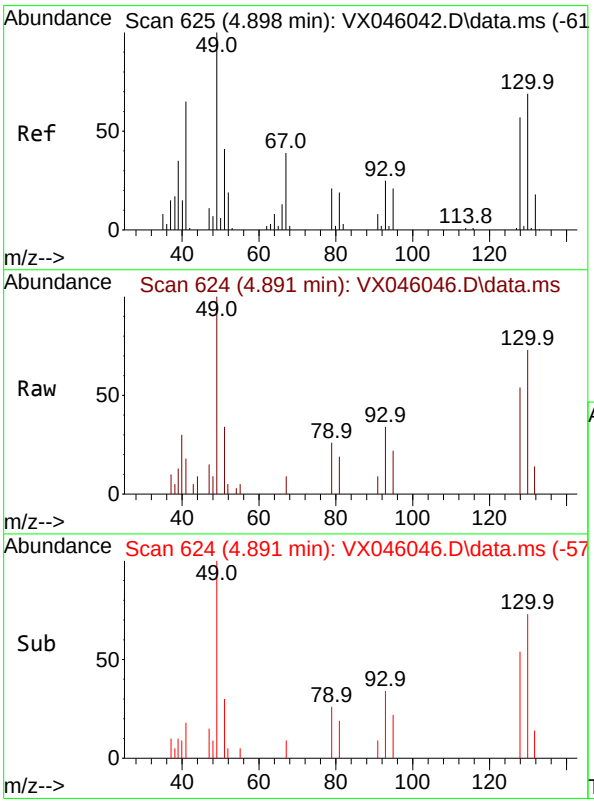
Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	322.8
98	67.6	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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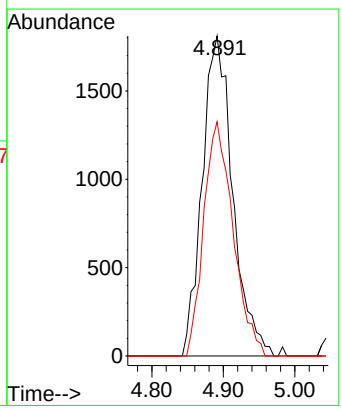
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

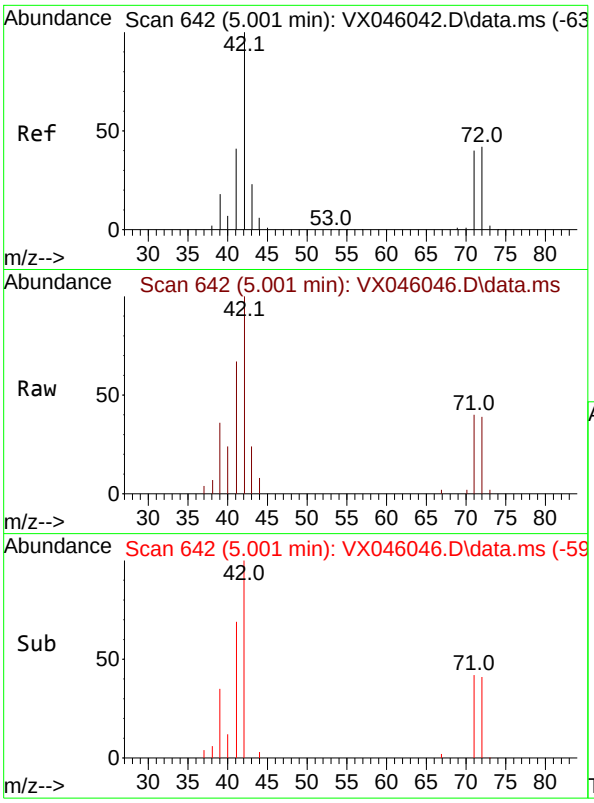


#28
Bromochloromethane
Concen: 2.969 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 49 Resp: 5360

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	70.5	56.2	84.2





#29
Tetrahydrofuran
Concen: 16.680 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

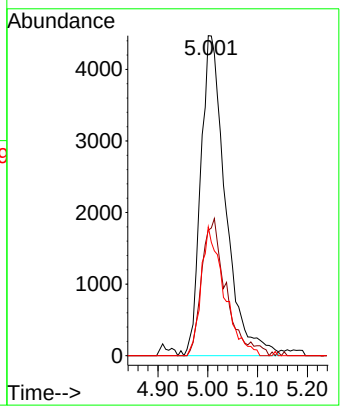
Tgt Ion: 42 Resp: 1543

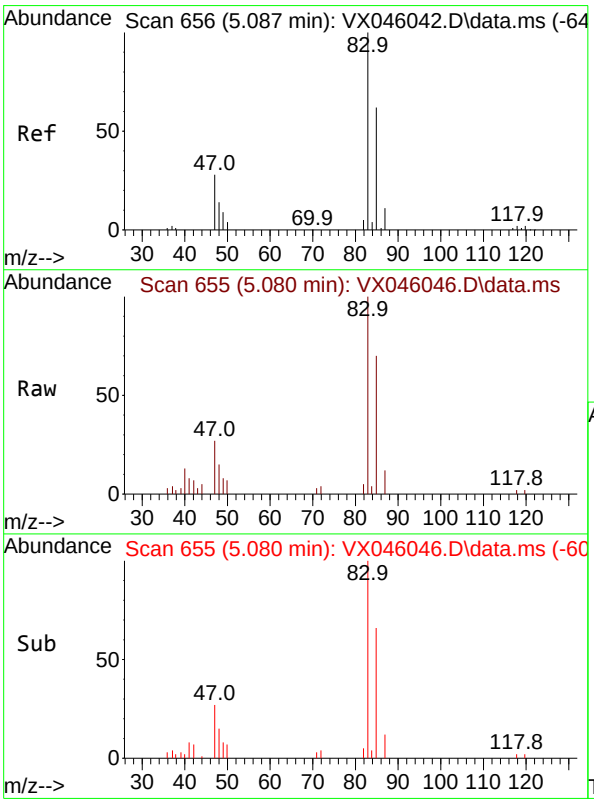
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.7	50.5
71	37.4	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

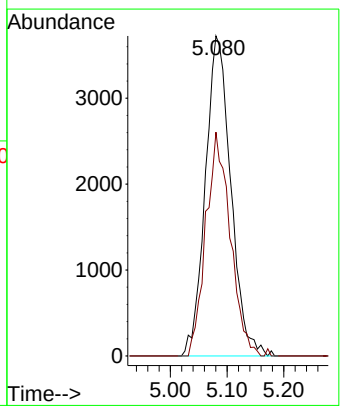


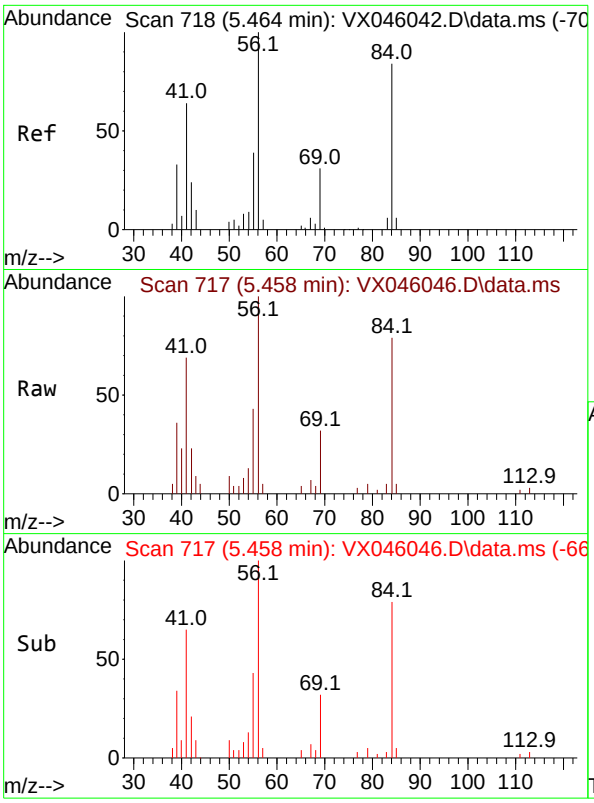


#30
Chloroform
Concen: 3.294 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 83 Resp: 11624

Ion	Ratio	Lower	Upper
83	100		
85	69.9	49.3	73.9

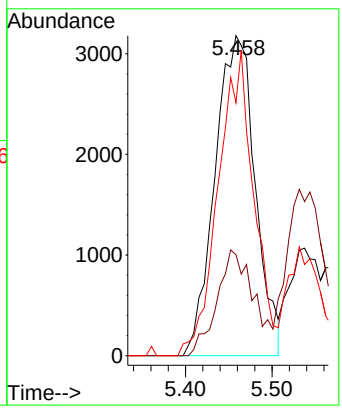




#31
Cyclohexane
Concen: 3.588 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 56 Resp: 1026

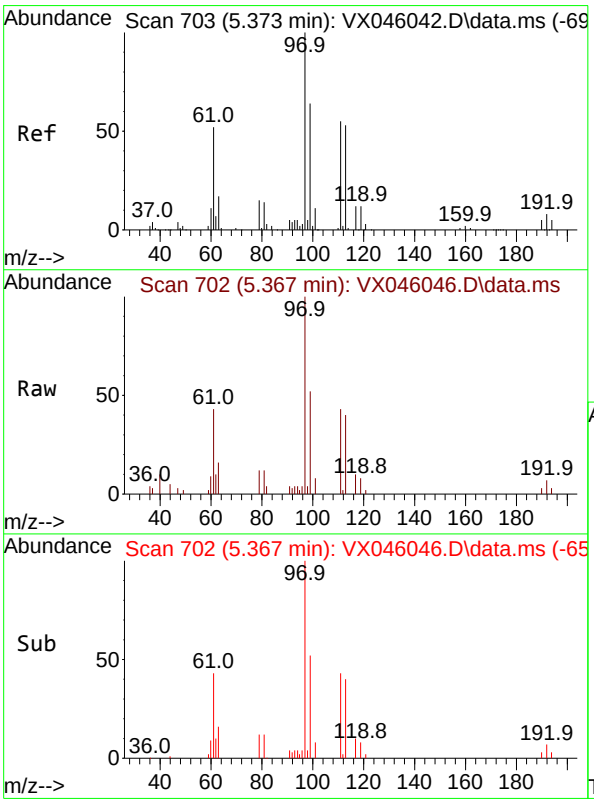
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.4	36.6
84	79.1	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

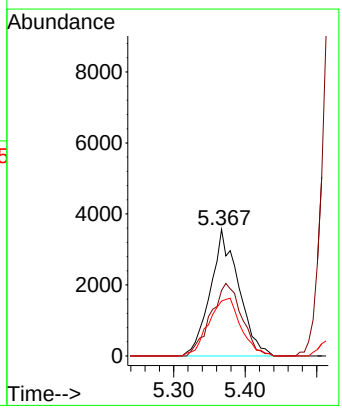
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

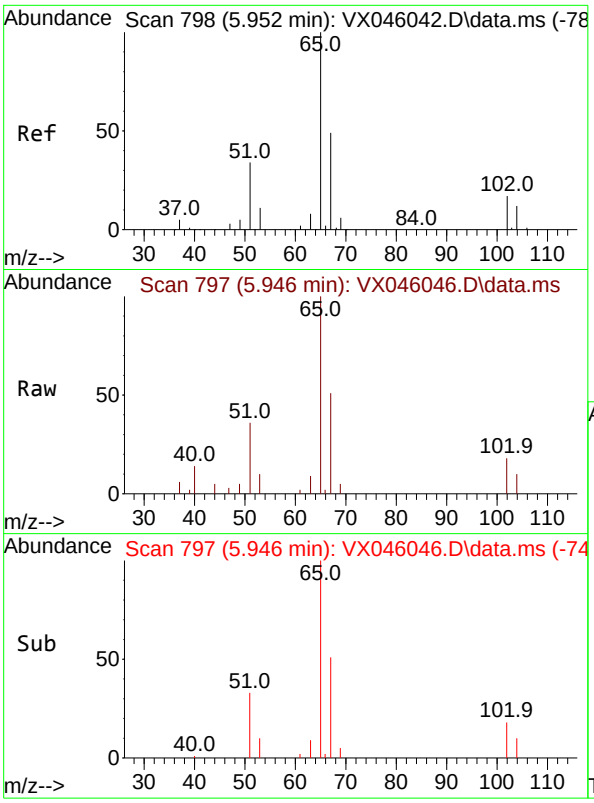


#32
1,1,1-Trichloroethane
Concen: 3.229 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 97 Resp: 9827

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.8	77.6
61	51.8	40.1	60.1

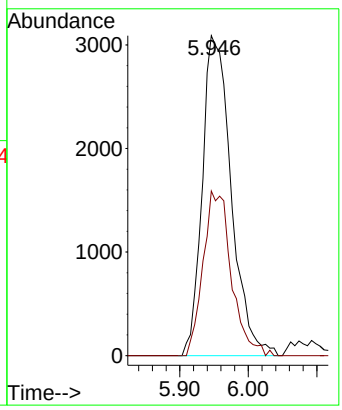




#33
1,2-Dichloroethane-d4
Concen: 3.143 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 65 Resp: 906

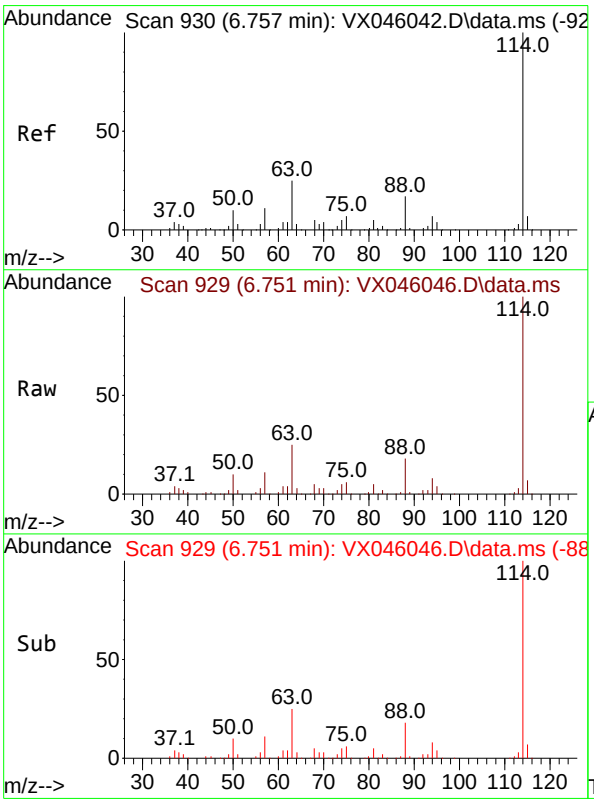
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

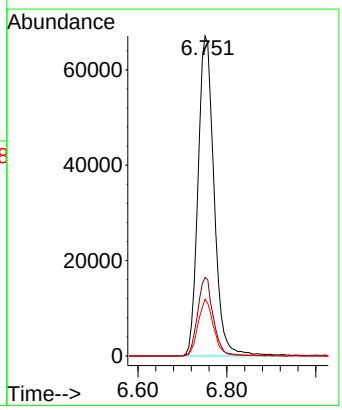
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

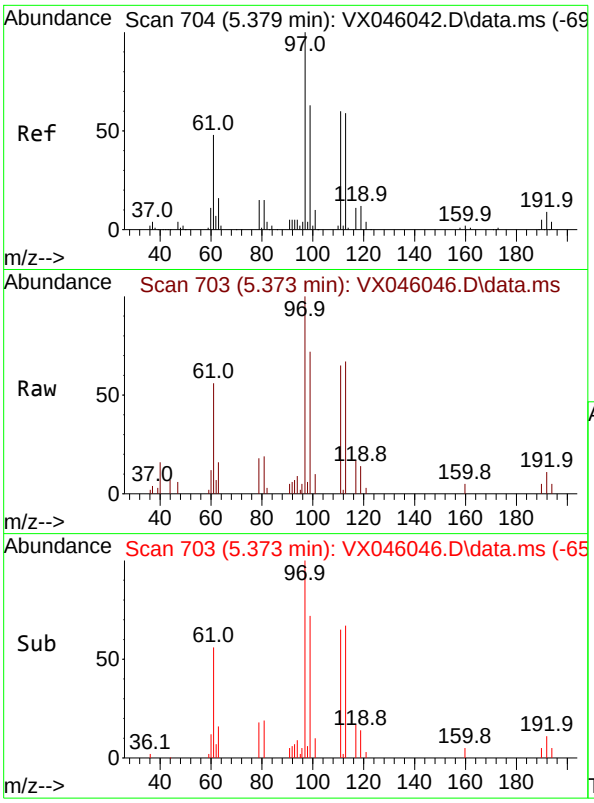


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:114 Resp: 168484

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	17.7	0.0	33.6

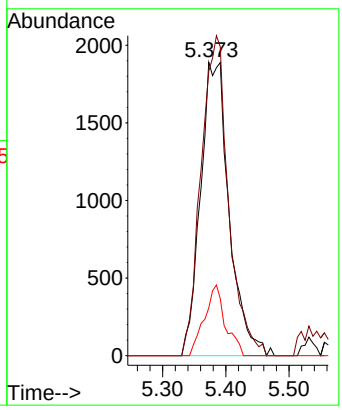




#35
Dibromofluoromethane
Concen: 3.161 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:113 Resp: 596

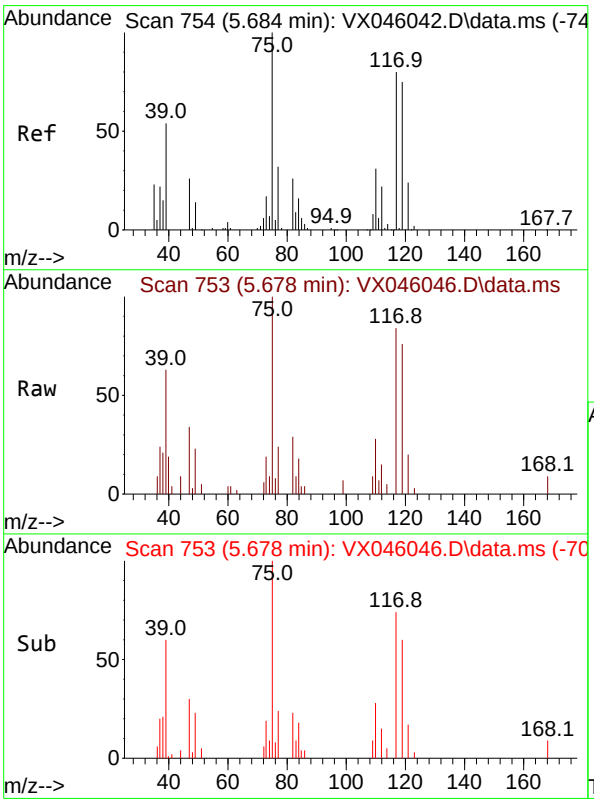
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	17.5	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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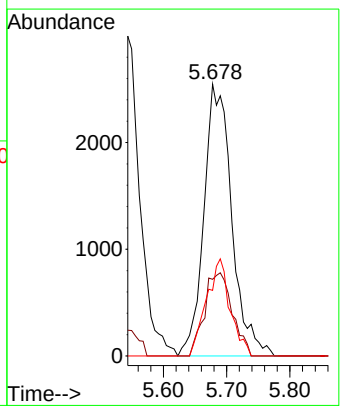
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

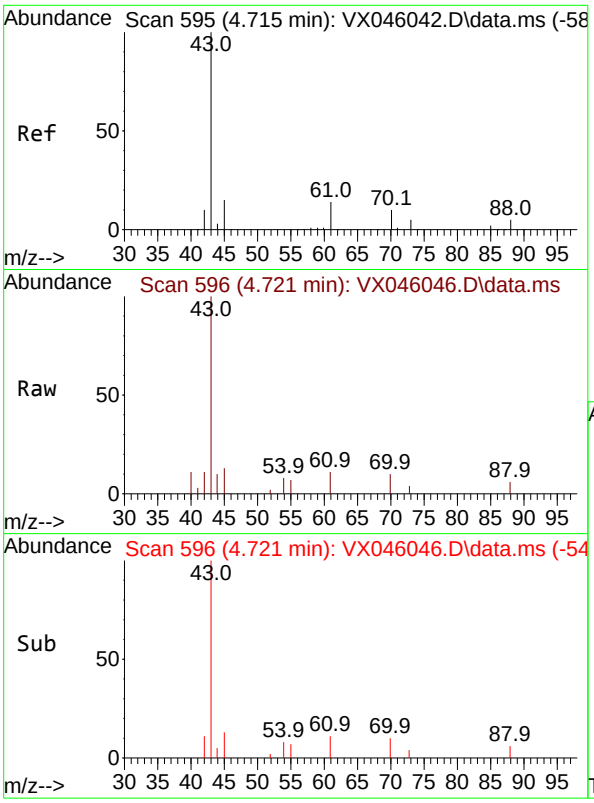


#36
1,1-Dichloropropene
Concen: 3.551 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7787

Ion	Ratio	Lower	Upper
75	100		
110	30.6	16.3	48.9
77	30.5	24.3	36.5

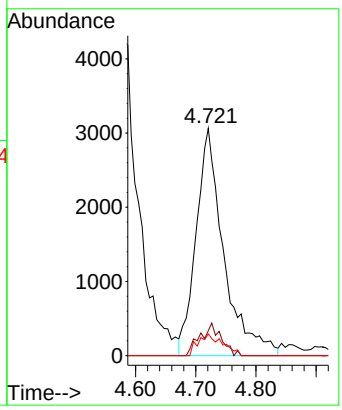




#37
Ethyl Acetate
Concen: 3.565 ug/l m
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 980

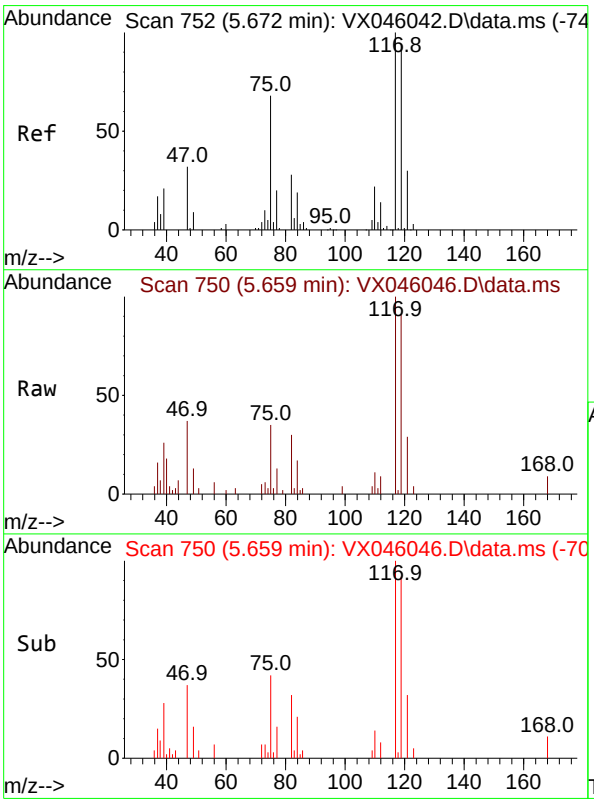
Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.3	15.5
70	8.4	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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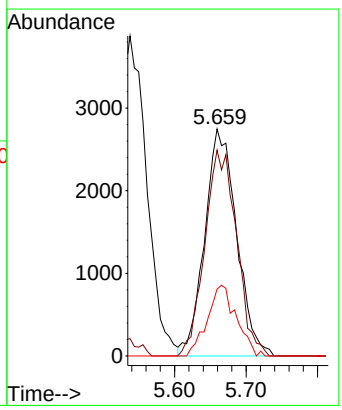
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

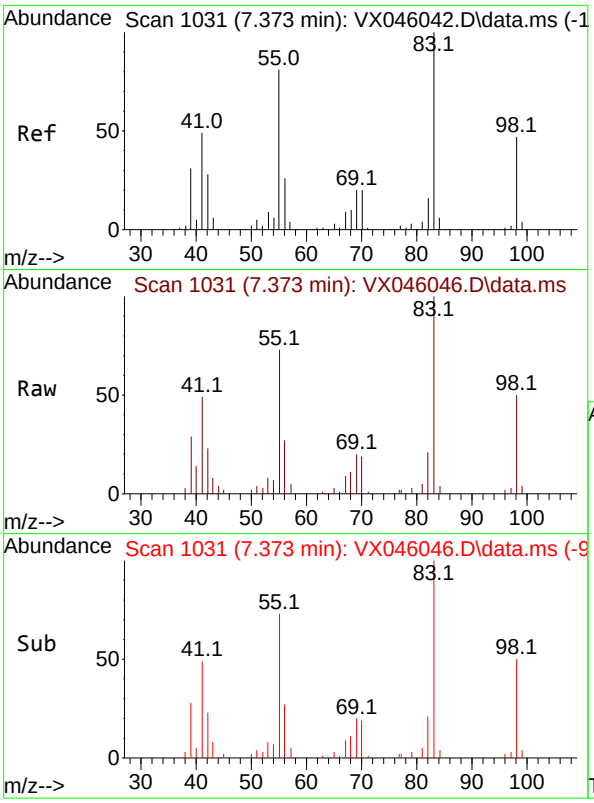


#38
Carbon Tetrachloride
Concen: 3.376 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 8505

Ion	Ratio	Lower	Upper
117	100		
119	90.6	75.2	112.8
121	29.5	24.2	36.4

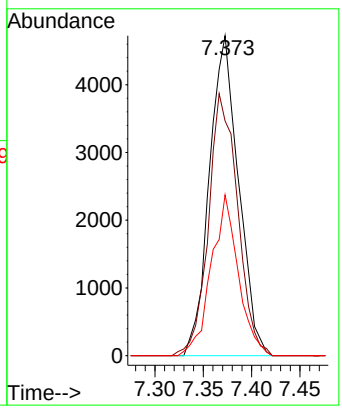




#39
Methylcyclohexane
Concen: 3.597 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 83 Resp: 988

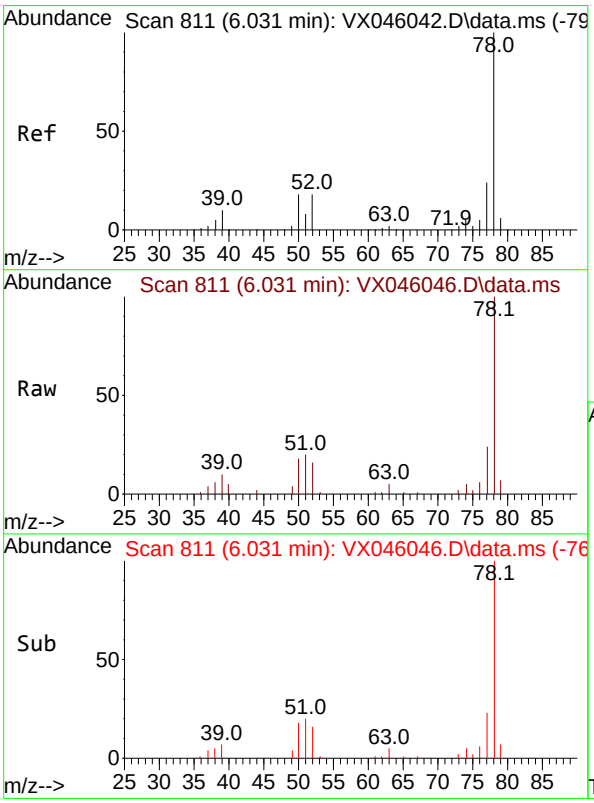
Ion	Ratio	Lower	Upper
83	100		
55	73.3	64.7	97.1
98	50.3	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

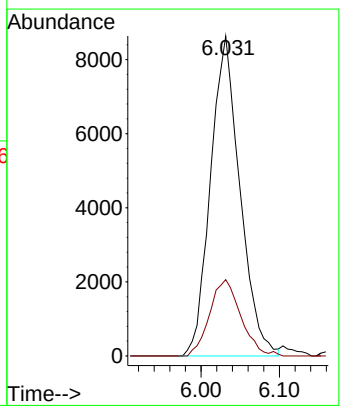
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

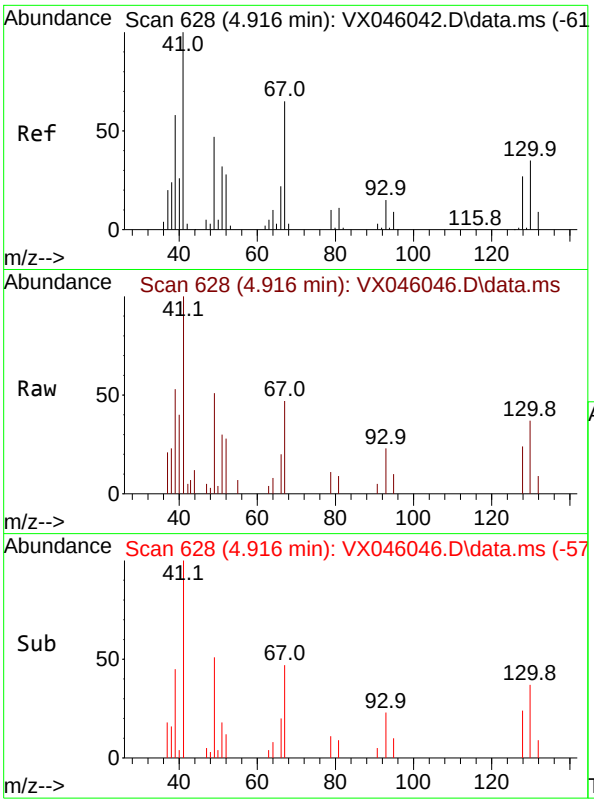


#40
Benzene
Concen: 3.315 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 78 Resp: 22528

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

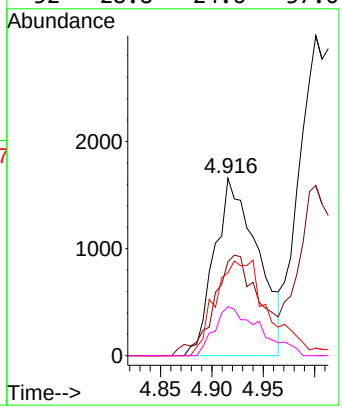




#41
Methacrylonitrile
Concen: 3.174 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 41 Resp: 485

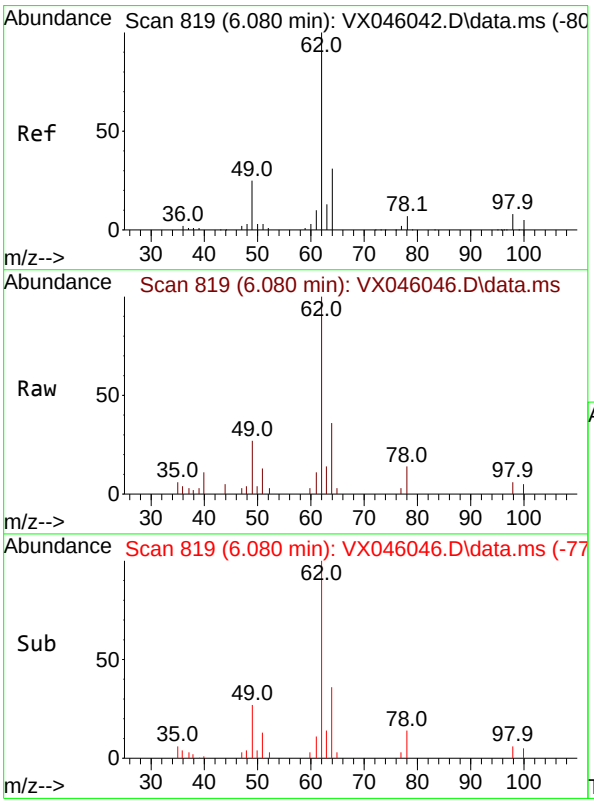
Ion	Ratio	Lower	Upper
41	100		
39	59.7	47.2	70.8
67	0.0	50.7	76.1#
52	28.8	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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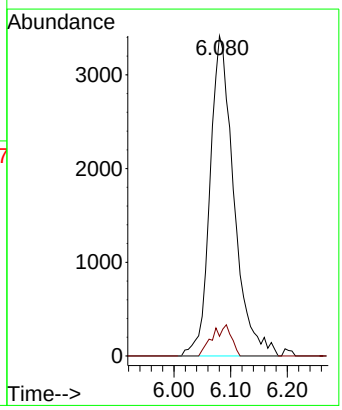
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

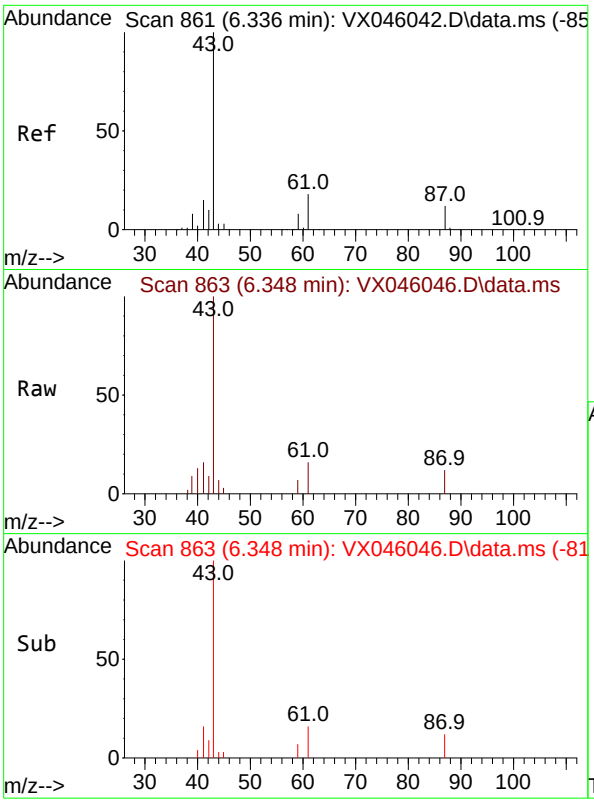


#42
1,2-Dichloroethane
Concen: 3.563 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 62 Resp: 10011

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.2

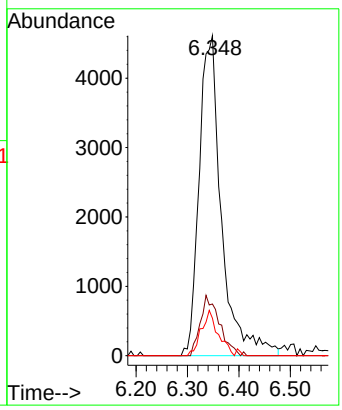




#43
Isopropyl Acetate
Concen: 3.309 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 1391

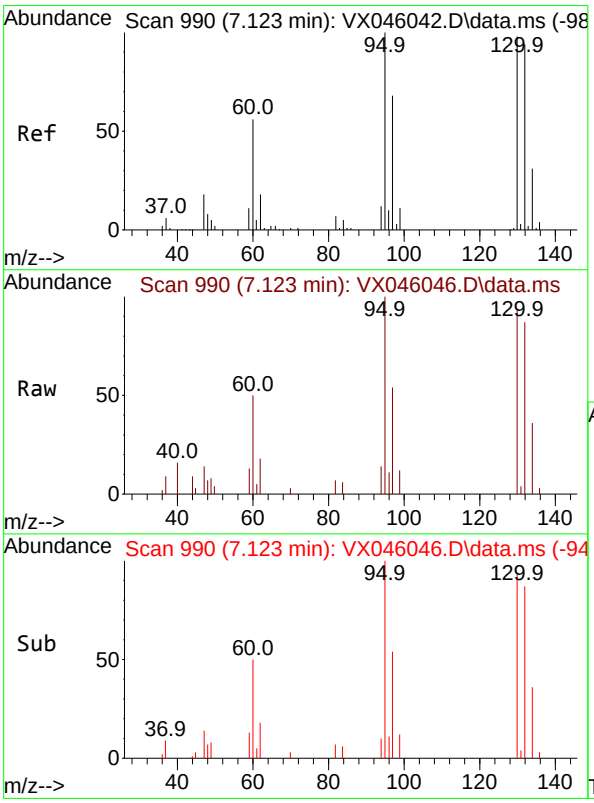
Ion	Ratio	Lower	Upper
43	100		
61	16.2	14.3	21.5
87	10.6	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

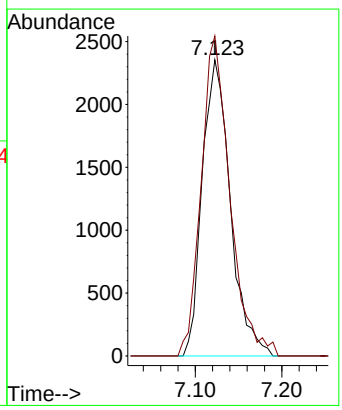
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

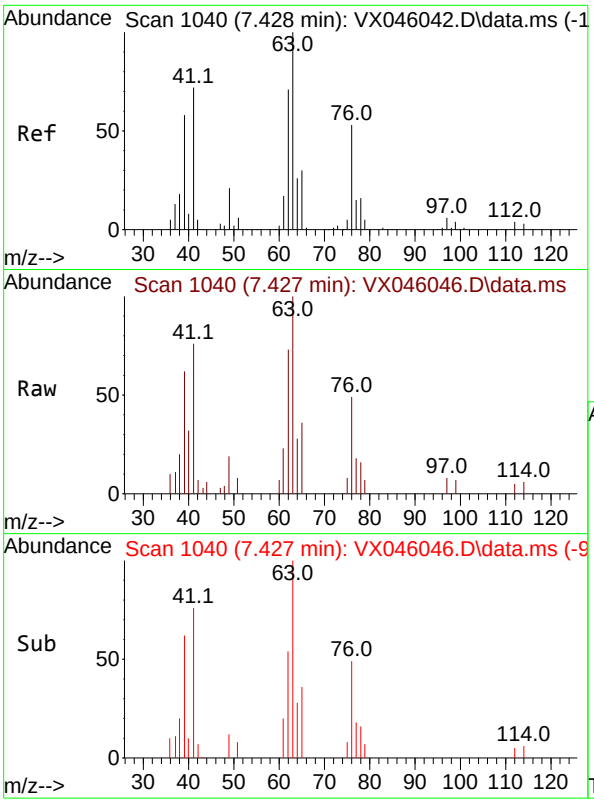


#44
Trichloroethene
Concen: 3.307 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:130 Resp: 5313

Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	204.2





#45
1,2-Dichloropropane
Concen: 3.228 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

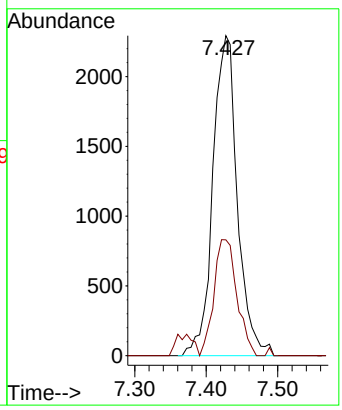
Tgt Ion: 63 Resp: 545

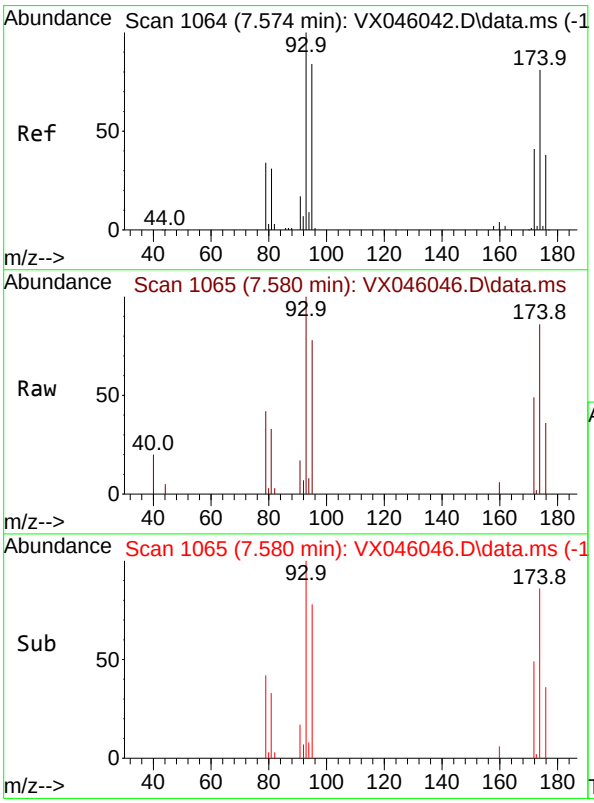
Ion	Ratio	Lower	Upper
63	100		
65	36.2	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

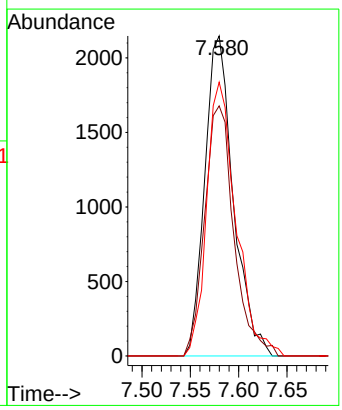


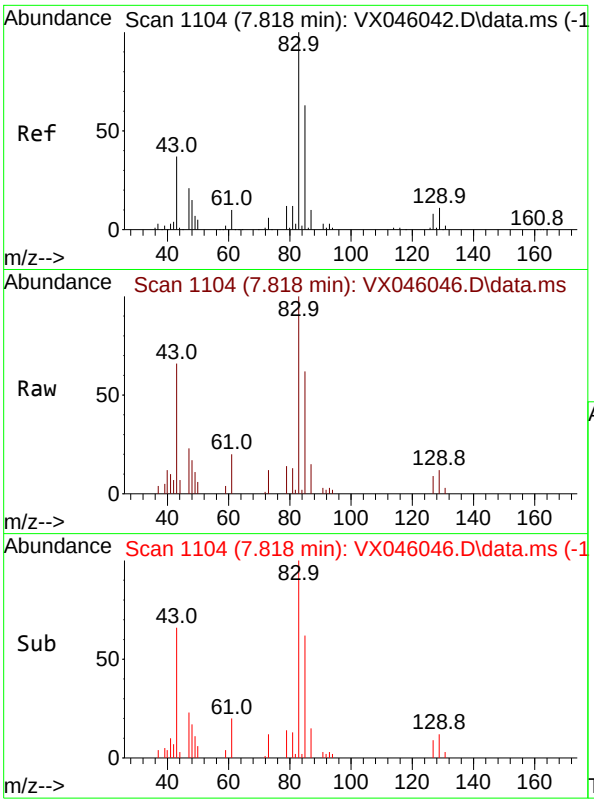


#46
Dibromomethane
Concen: 3.318 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 93 Resp: 4417

Ion	Ratio	Lower	Upper
93	100		
95	80.1	65.6	98.4
174	87.6	68.2	102.2

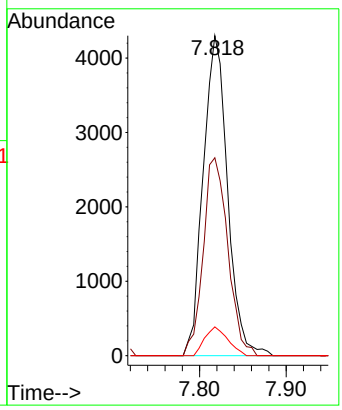




#47
Bromodichloromethane
Concen: 3.254 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 83 Resp: 839

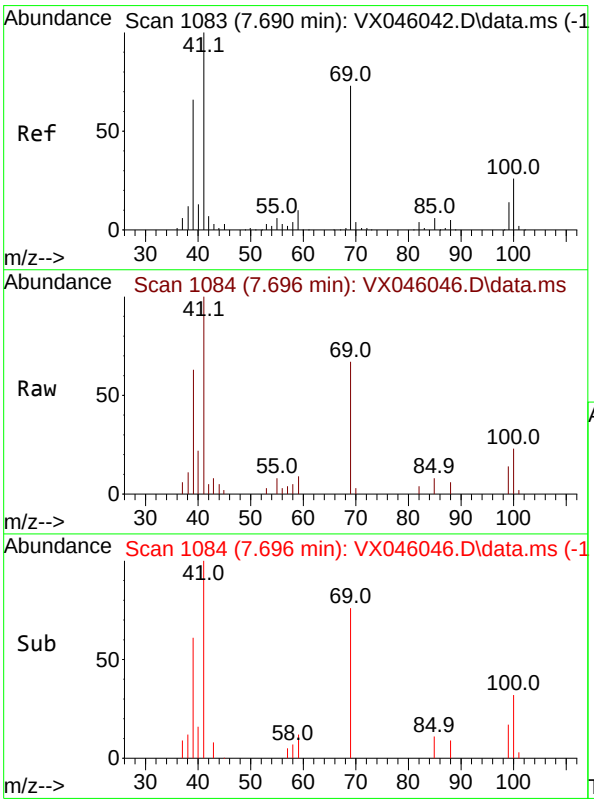
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.5	75.7
127	9.0	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

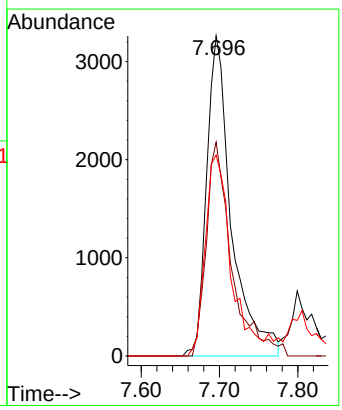
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

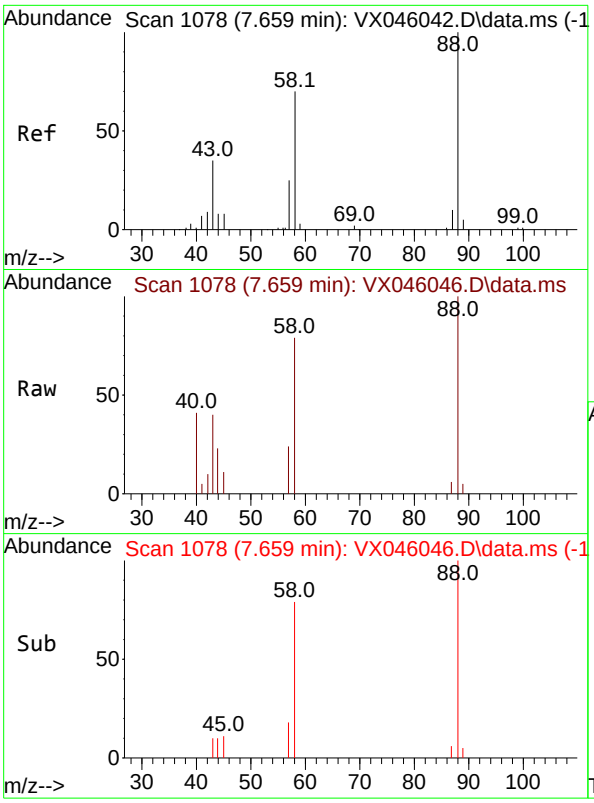


#48
Methyl methacrylate
Concen: 3.321 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 41 Resp: 7171

Ion	Ratio	Lower	Upper
41	100		
69	68.4	58.5	87.7
39	65.1	51.7	77.5

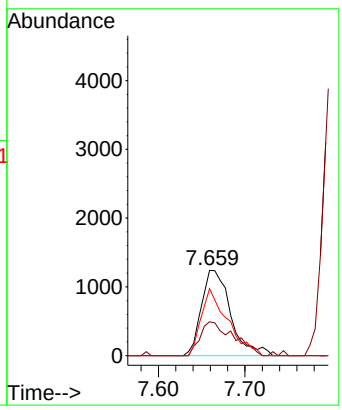




#49
1,4-Dioxane
Concen: 67.721 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 88 Resp: 290

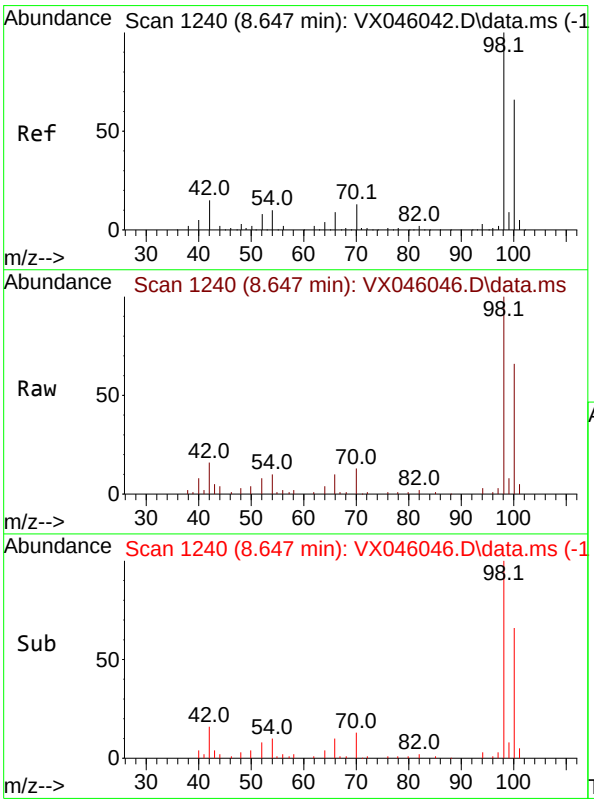
Ion	Ratio	Lower	Upper
88	100		
43	45.3	33.4	50.2
58	71.0	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

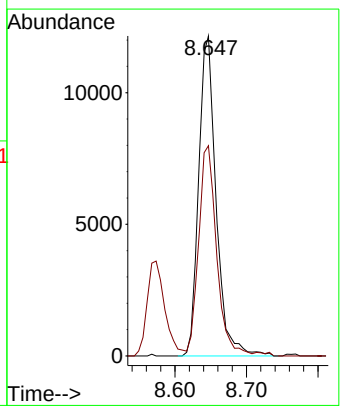
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

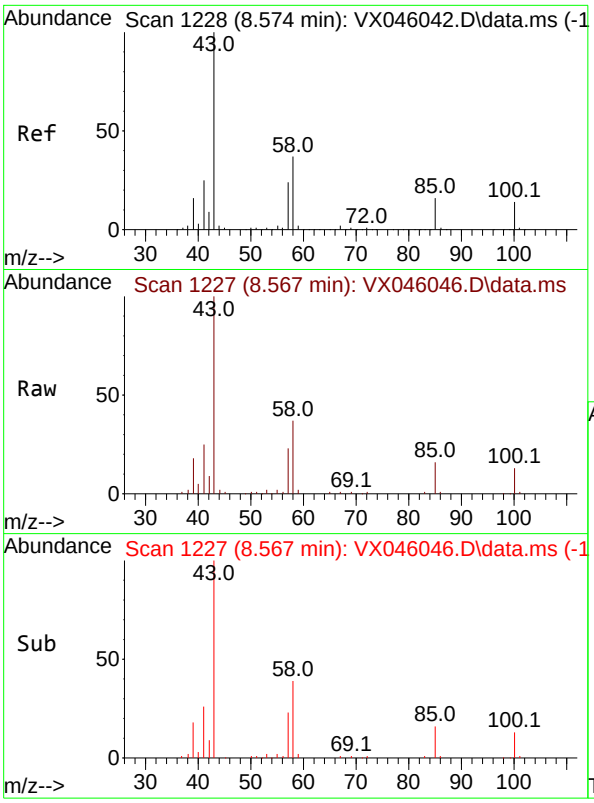


#50
Toluene-d8
Concen: 3.232 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 98 Resp: 20566

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3

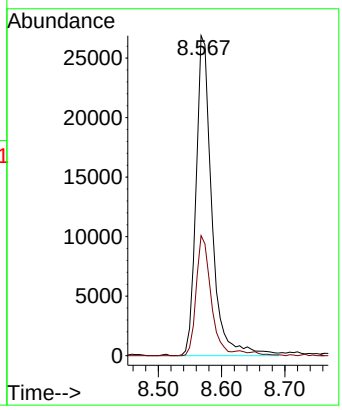




#51
4-Methyl-2-Pentanone
Concen: 16.967 ug/l
RT: 8.567 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 4679

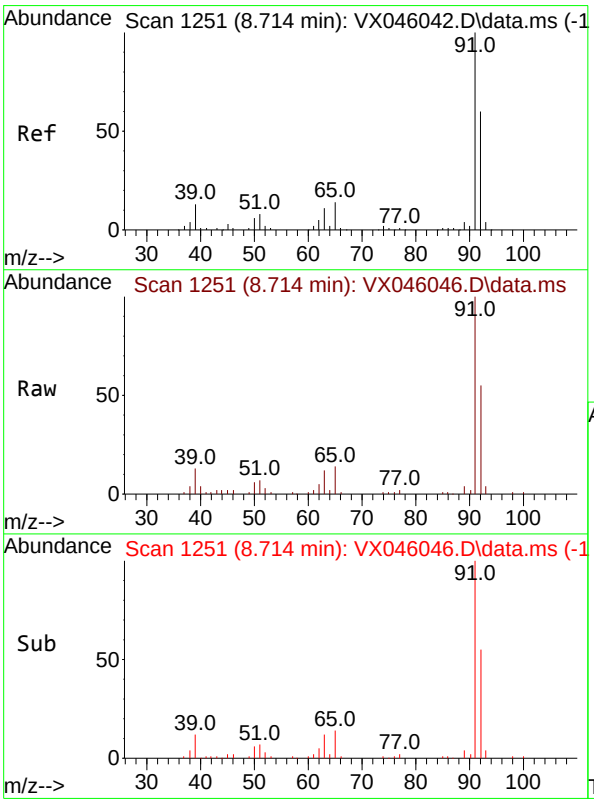
Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

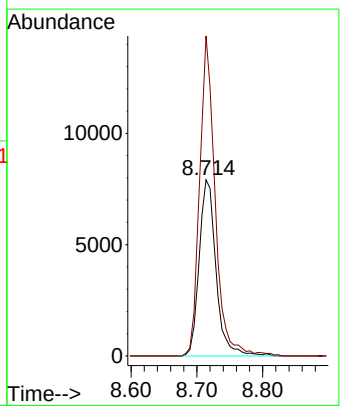
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

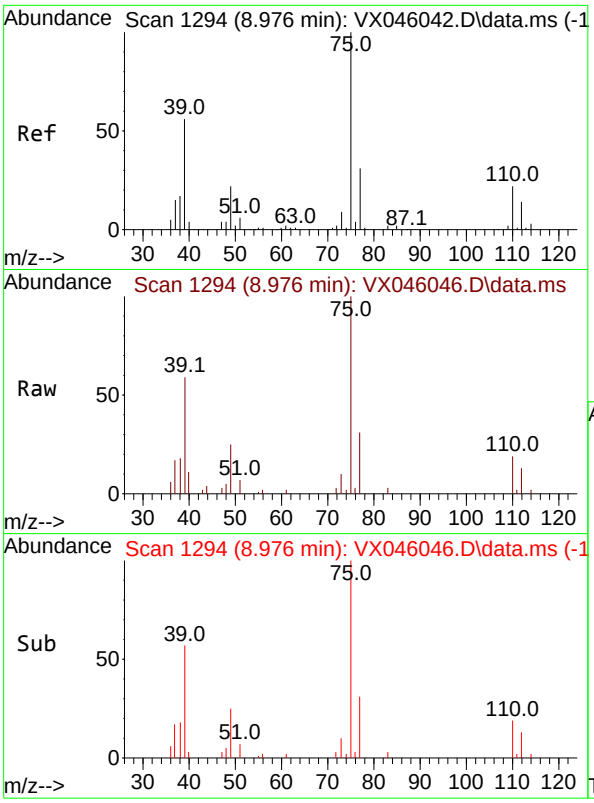


#52
Toluene
Concen: 3.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 92 Resp: 14126

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.6	205.0

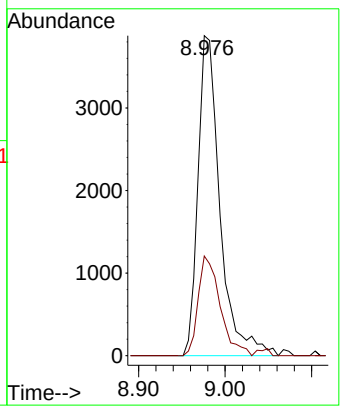




#53
t-1,3-Dichloropropene
Concen: 3.155 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 683

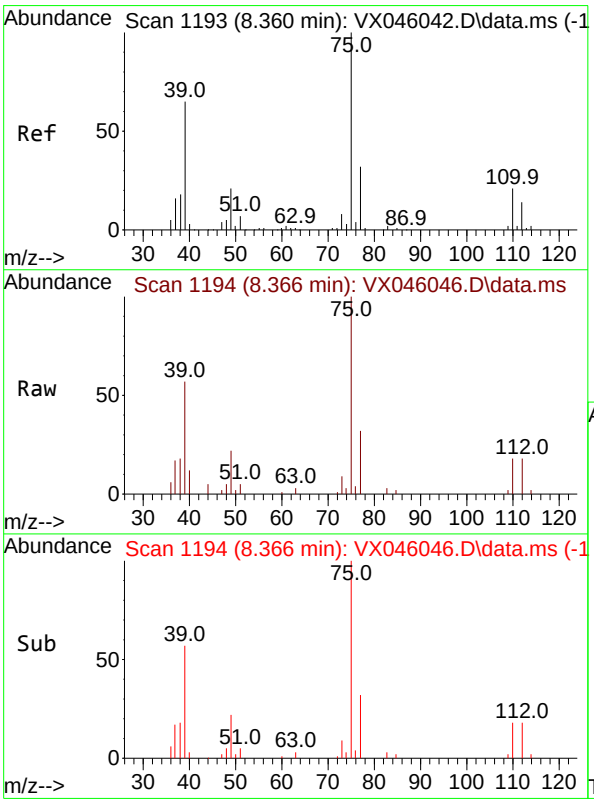
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

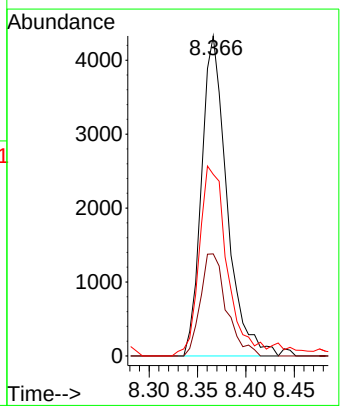
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

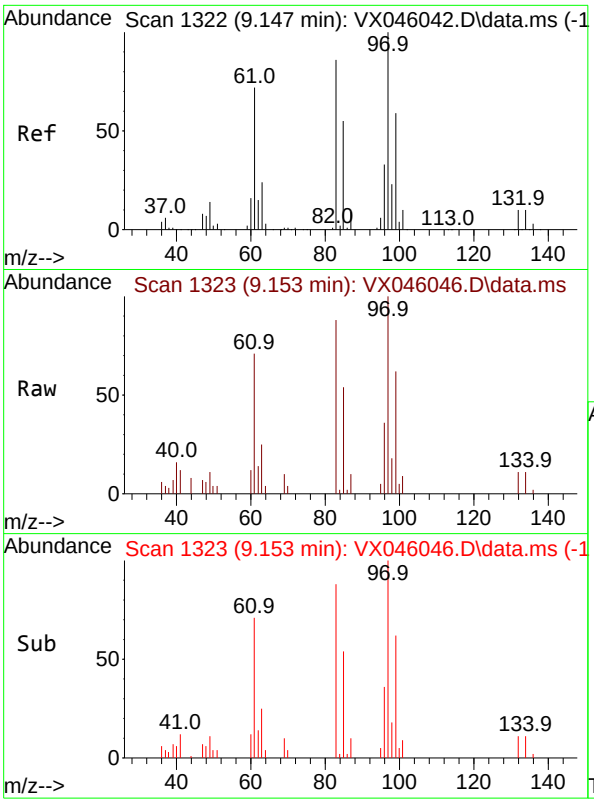


#54
cis-1,3-Dichloropropene
Concen: 3.129 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7908

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	55.3	52.2	78.4

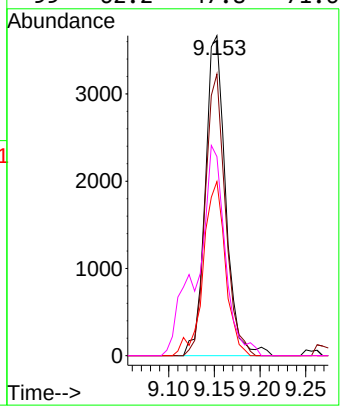




#55
1,1,2-Trichloroethane
Concen: 3.490 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 97 Resp: 568

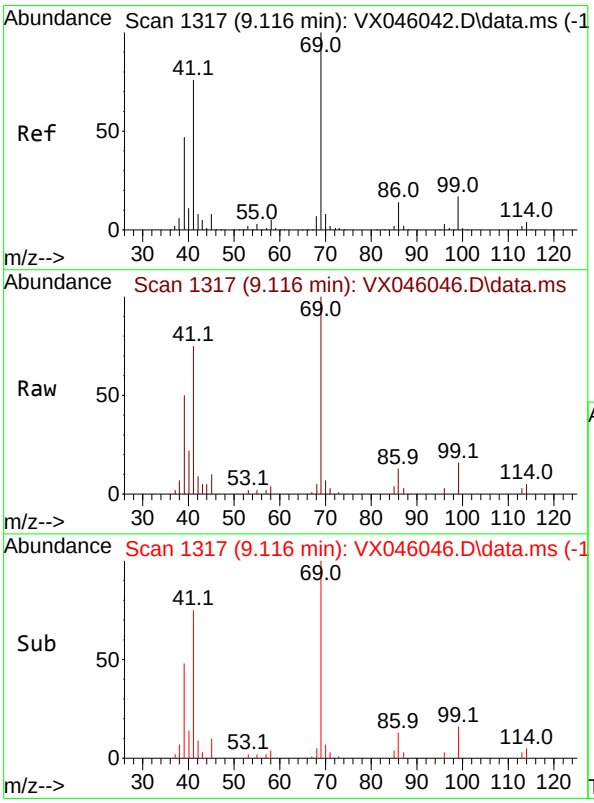
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.0	103.6
85	54.4	44.3	66.5
99	62.2	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

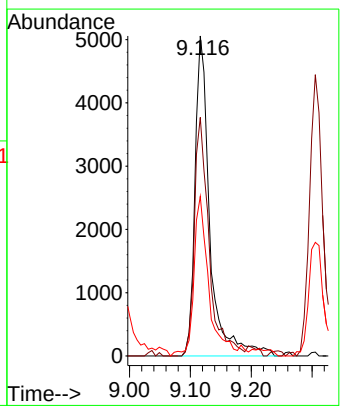
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

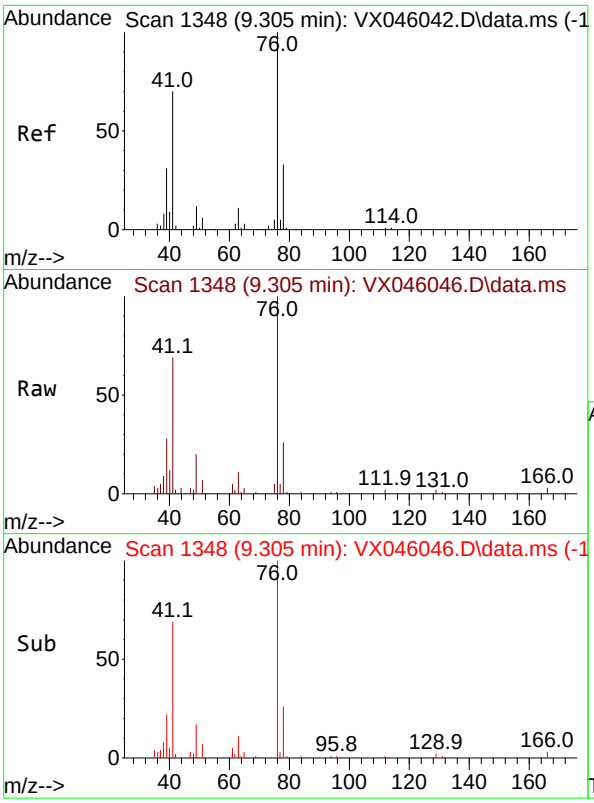


#56
Ethyl methacrylate
Concen: 3.390 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 69 Resp: 8555

Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.8	91.2
39	49.3	39.0	58.6

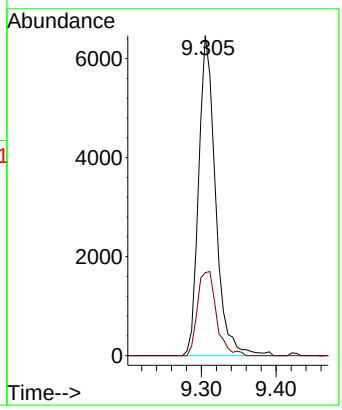




#57
1,3-Dichloropropane
Concen: 3.508 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 76 Resp: 1012

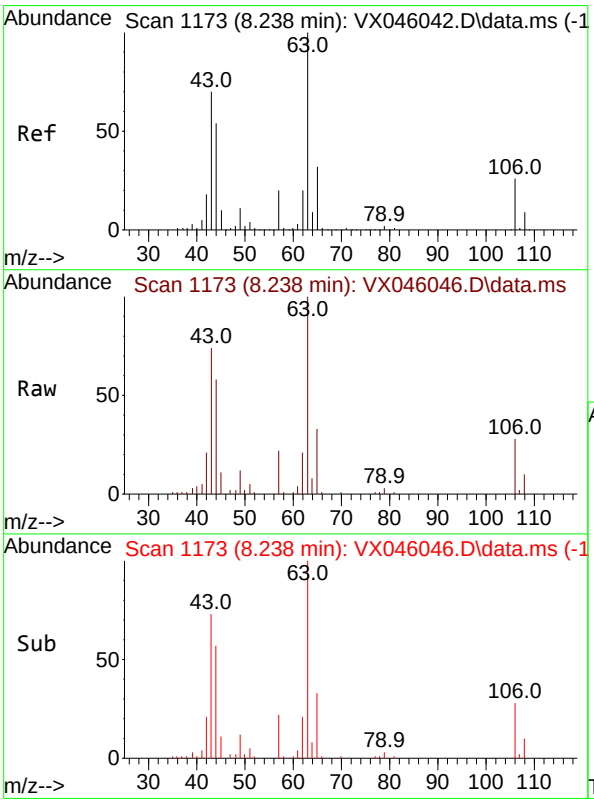
Ion	Ratio	Lower	Upper
76	100		
78	29.5	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

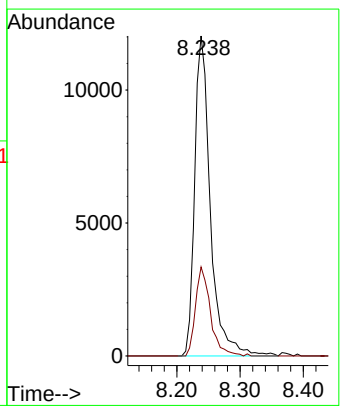
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

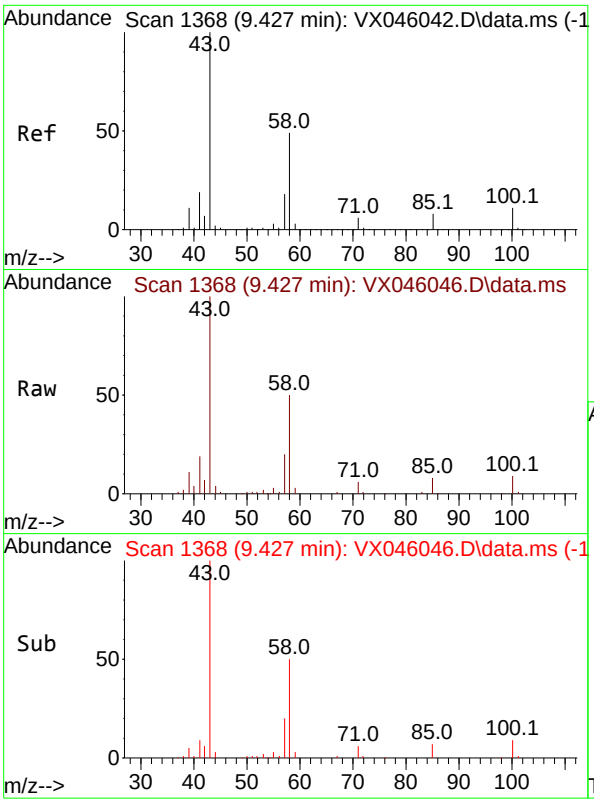


#58
2-Chloroethyl Vinyl ether
Concen: 18.346 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 20809

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.5	32.3





#59
2-Hexanone
Concen: 16.651 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

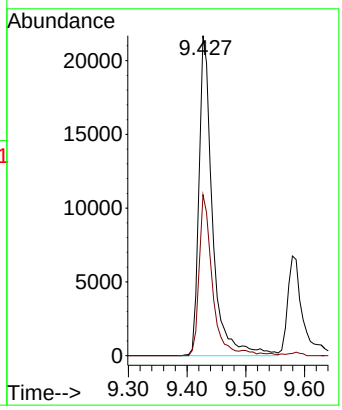
Tgt Ion: 43 Resp: 3485

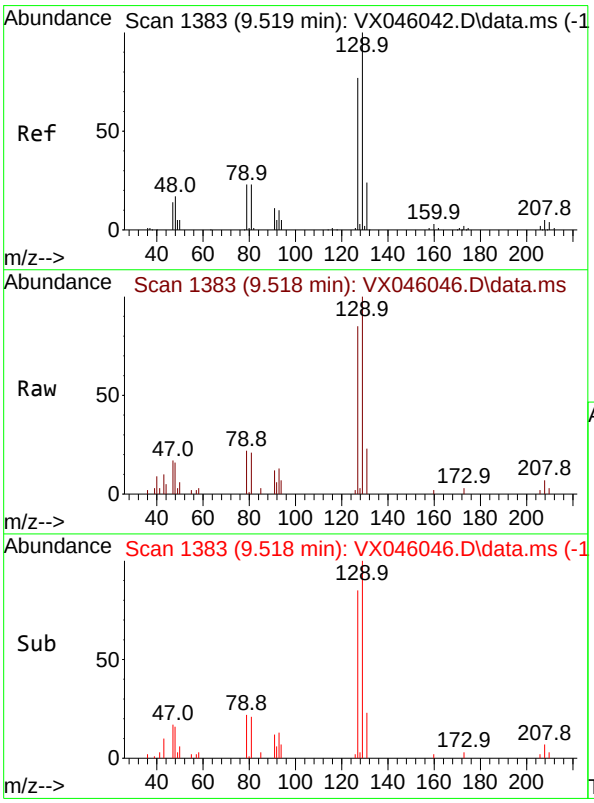
Ion	Ratio	Lower	Upper
43	100		
58	47.5	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

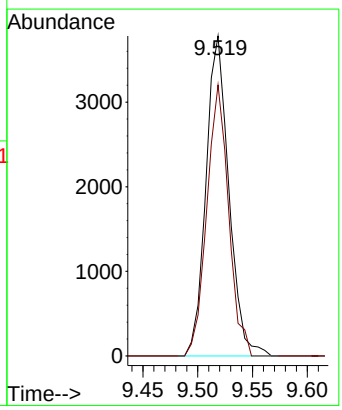


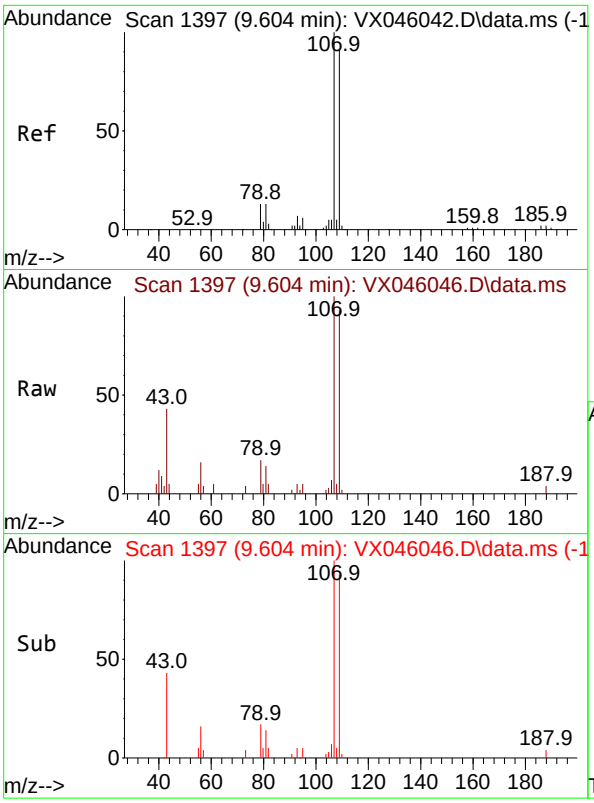


#60
Dibromochloromethane
Concen: 3.102 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:129 Resp: 5500

Ion	Ratio	Lower	Upper
129	100		
127	80.4	39.3	117.8

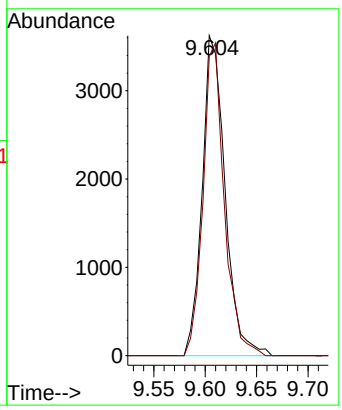




#61
1,2-Dibromoethane
Concen: 3.356 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:107 Resp: 561

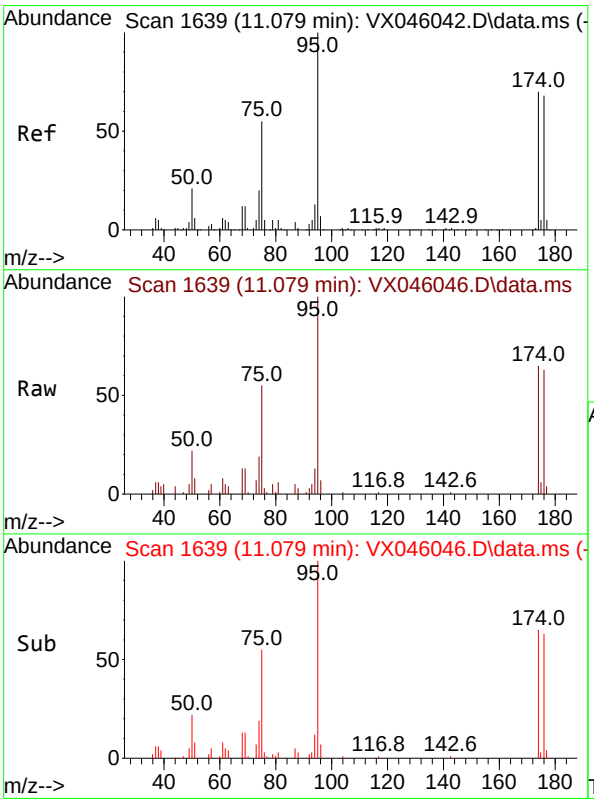
Ion	Ratio	Lower	Upper
107	100		
109	91.0	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

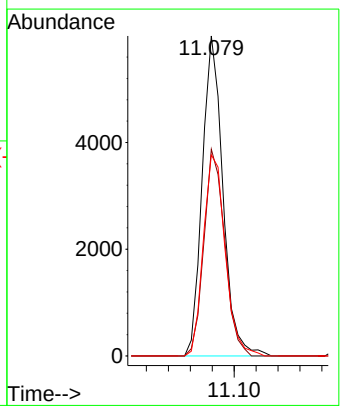
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

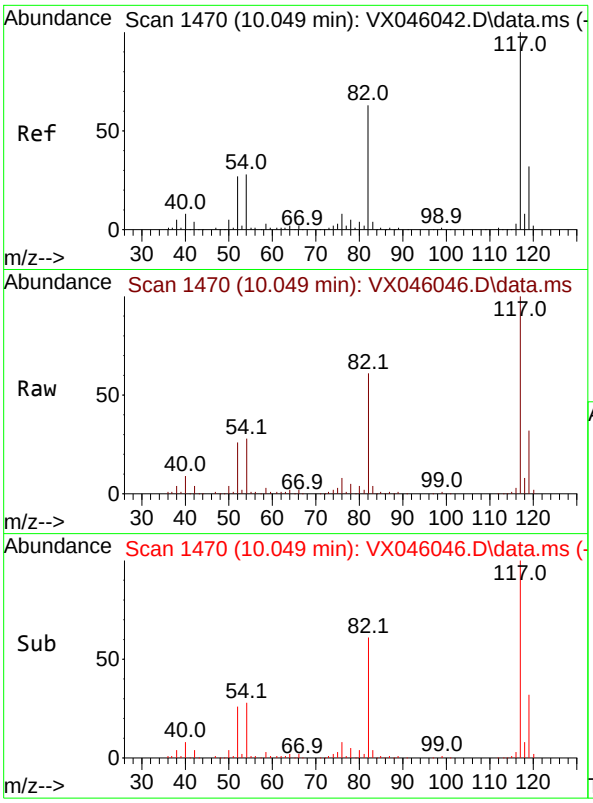


#62
4-Bromofluorobenzene
Concen: 3.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 95 Resp: 7822

Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	135.8
176	66.6	0.0	131.4

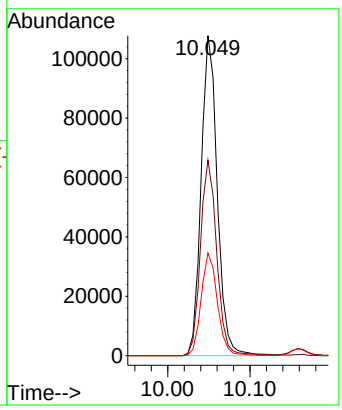




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 14716

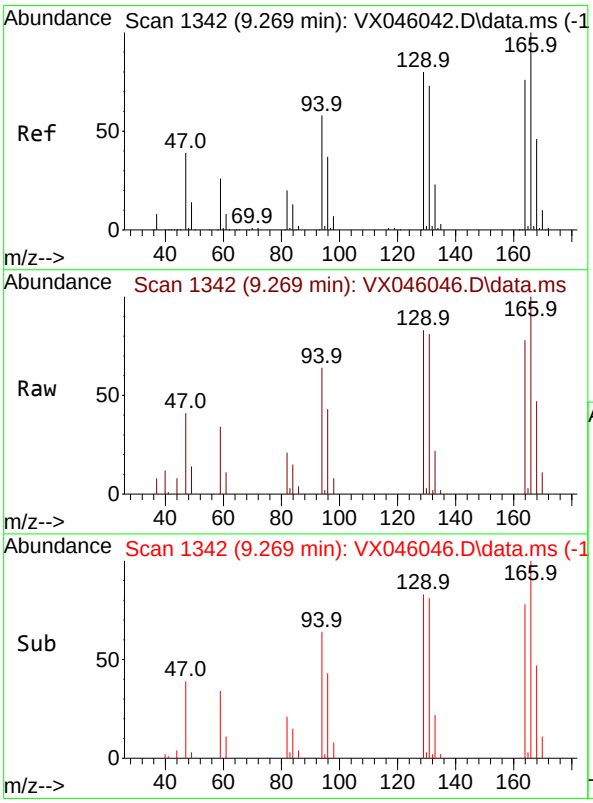
Ion	Ratio	Lower	Upper
117	100		
82	61.1	50.6	76.0
119	32.1	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

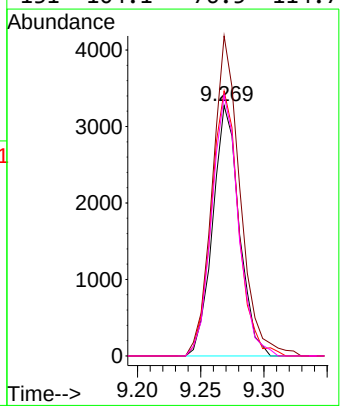
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

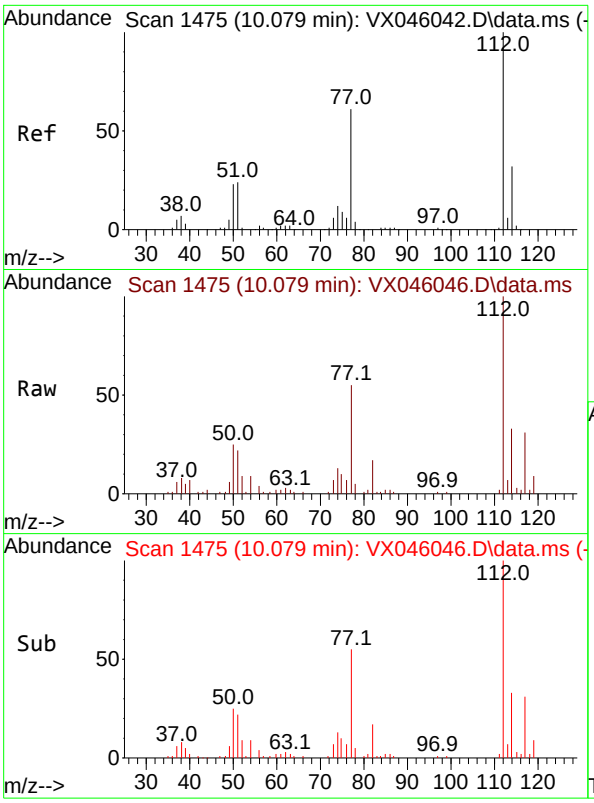


#64
Tetrachloroethene
Concen: 3.162 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:164 Resp: 4752

Ion	Ratio	Lower	Upper
164	100		
166	127.8	105.0	157.6
129	105.8	83.5	125.3
131	104.1	76.5	114.7

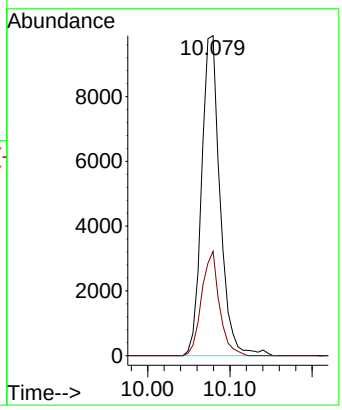




#65
Chlorobenzene
Concen: 3.399 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:112 Resp: 1539

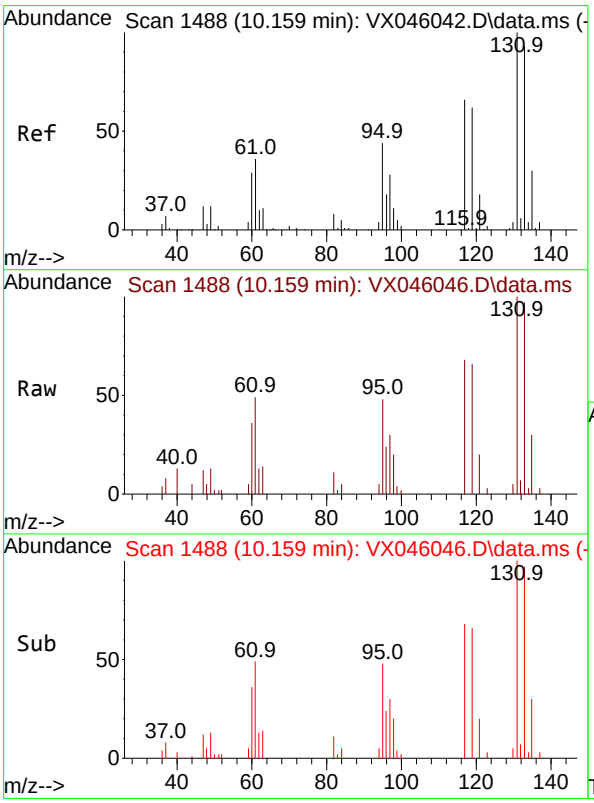
Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

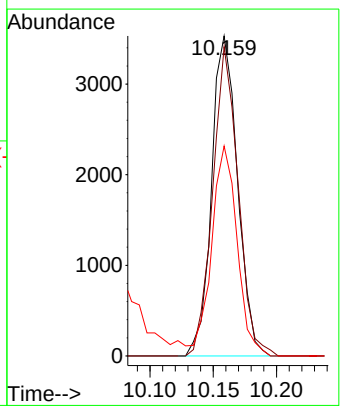
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

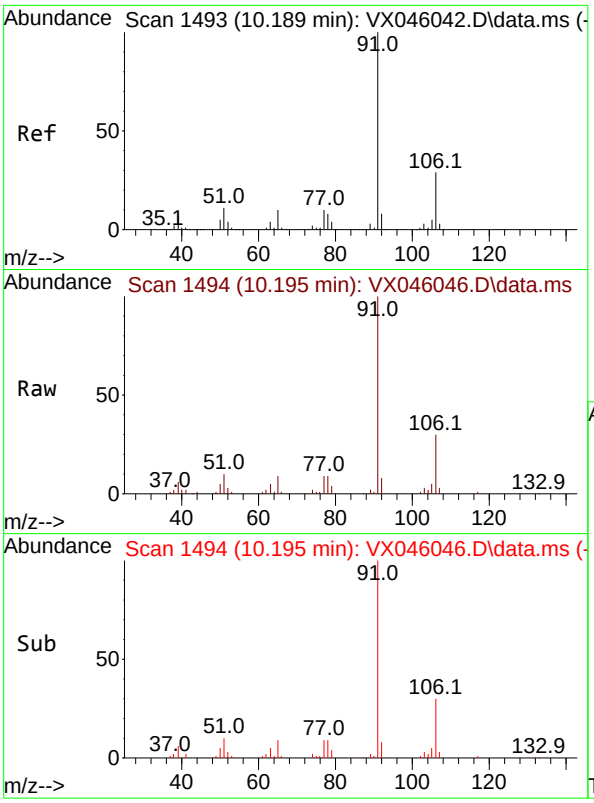


#66
1,1,1,2-Tetrachloroethane
Concen: 3.326 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:131 Resp: 5024

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.9
119	64.8	31.6	95.0

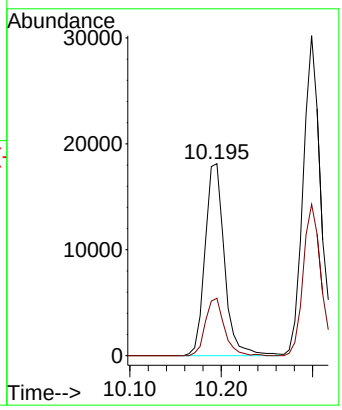




#67
Ethyl Benzene
Concen: 3.463 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 2673

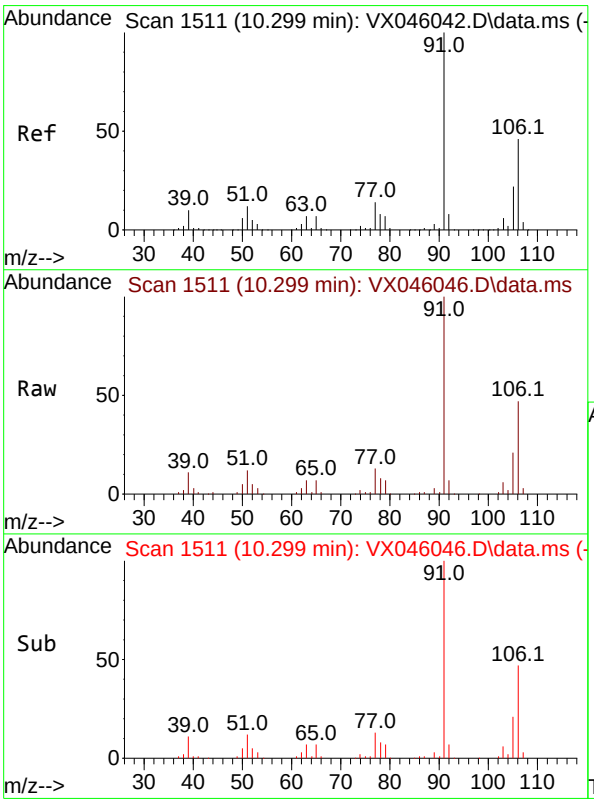
Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

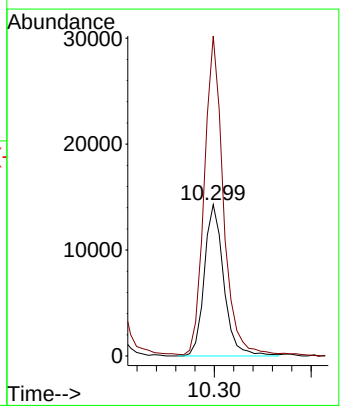
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

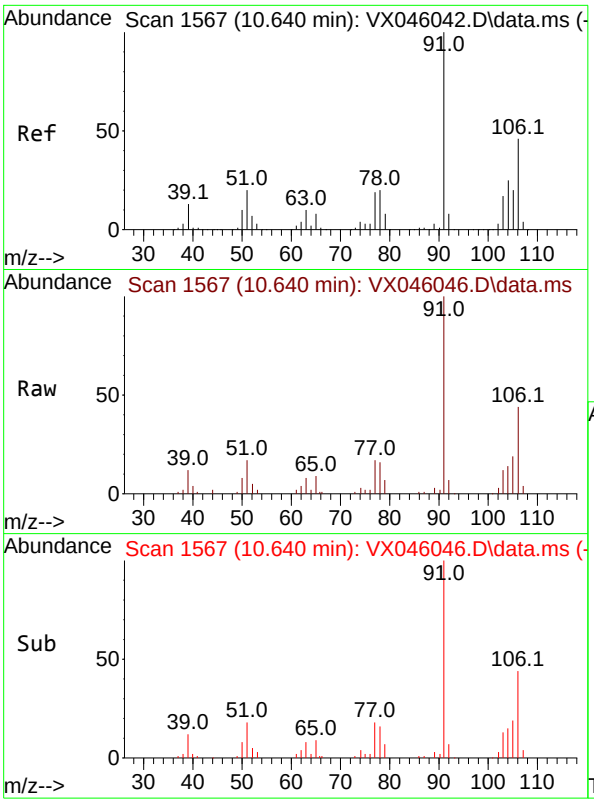


#68
m/p-Xylenes
Concen: 7.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:106 Resp: 19957

Ion	Ratio	Lower	Upper
106	100		
91	210.1	171.2	256.8

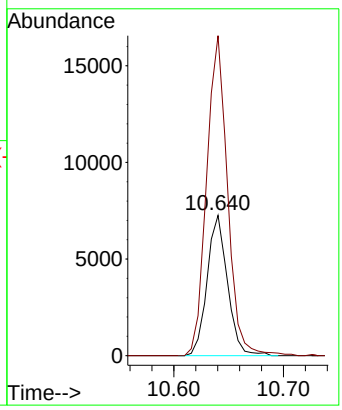




#69
o-Xylene
Concen: 3.343 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:106 Resp: 939

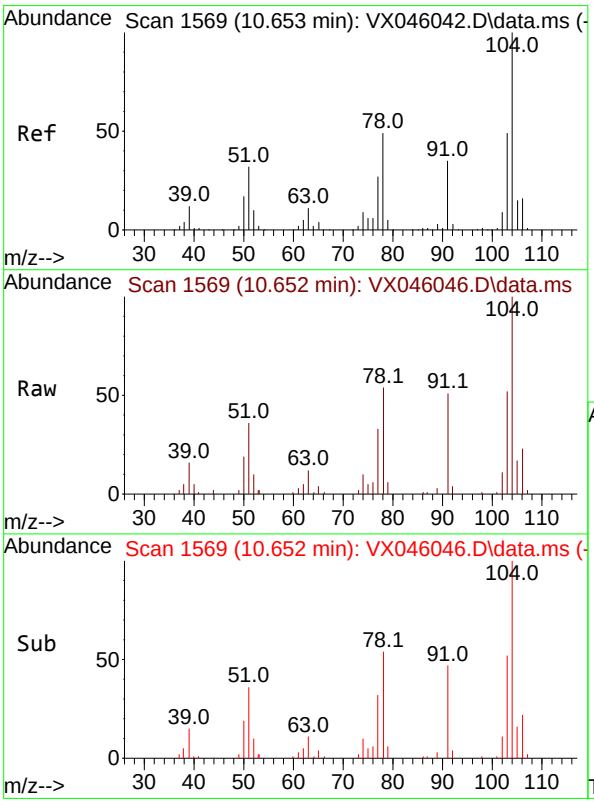
Ion	Ratio	Lower	Upper
106	100		
91	233.6	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

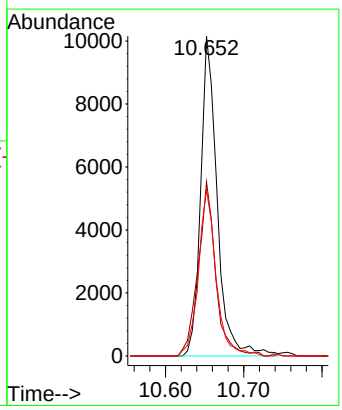
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

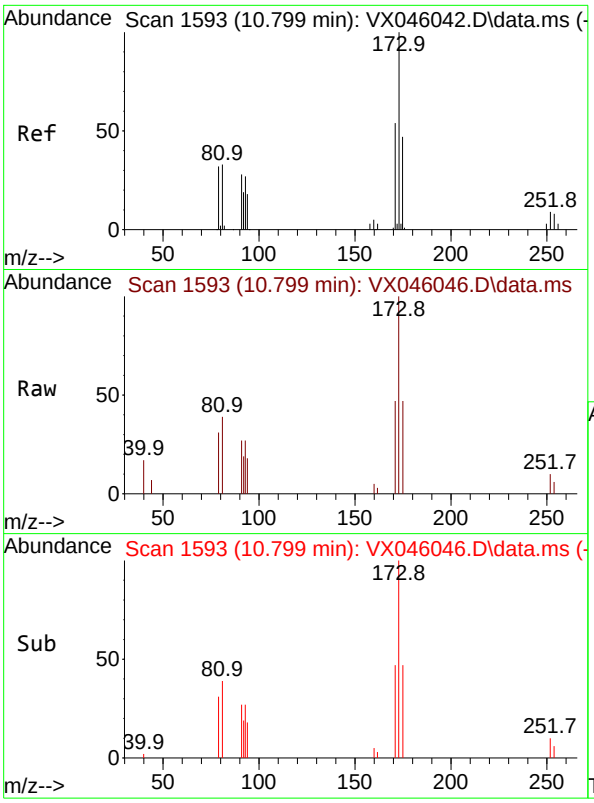


#70
Styrene
Concen: 3.312 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:104 Resp: 14900

Ion	Ratio	Lower	Upper
104	100		
78	57.9	45.7	68.5
103	55.6	43.7	65.5

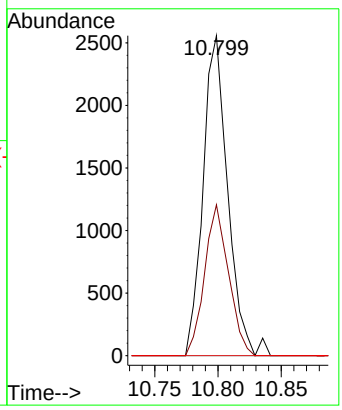




#71
Bromoform
Concen: 3.059 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:173 Resp: 347

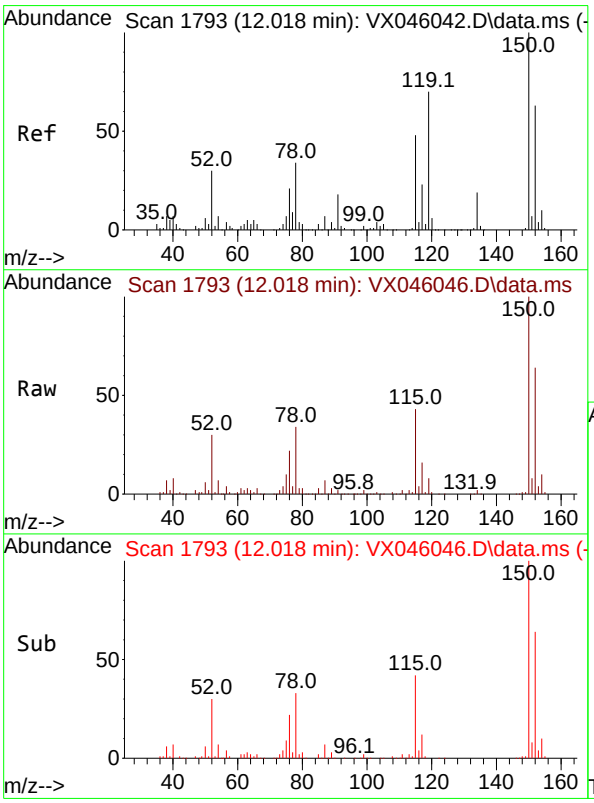
Ion	Ratio	Lower	Upper
173	100		
175	45.8	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

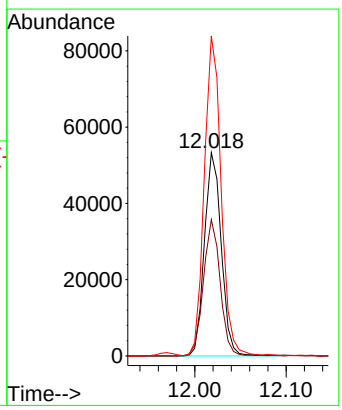
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

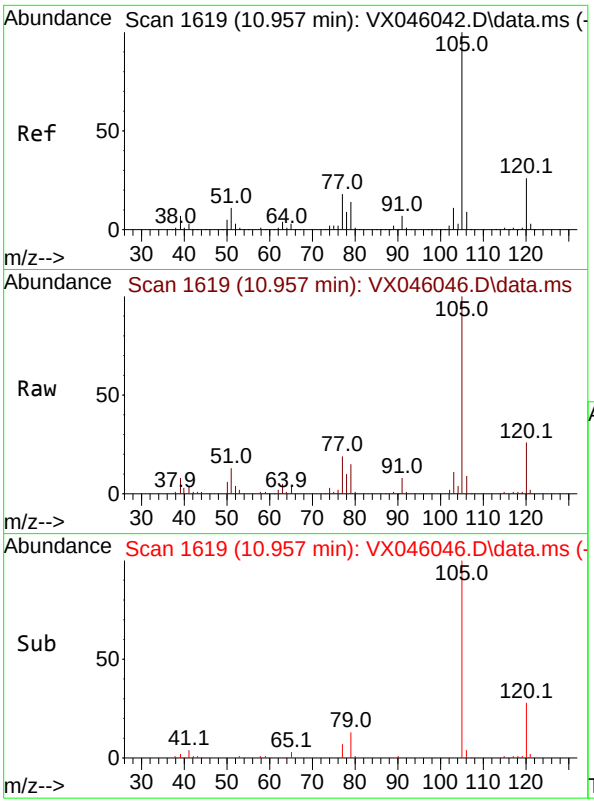


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:152 Resp: 67939

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	157.5	0.0	351.0





#73
Isopropylbenzene
Concen: 3.266 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

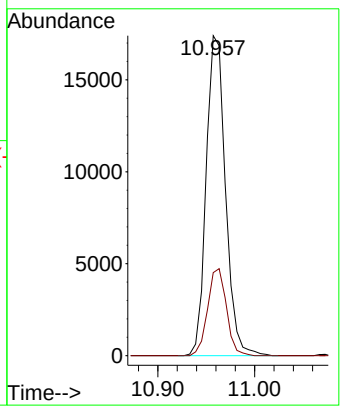
Tgt Ion:105 Resp: 2420

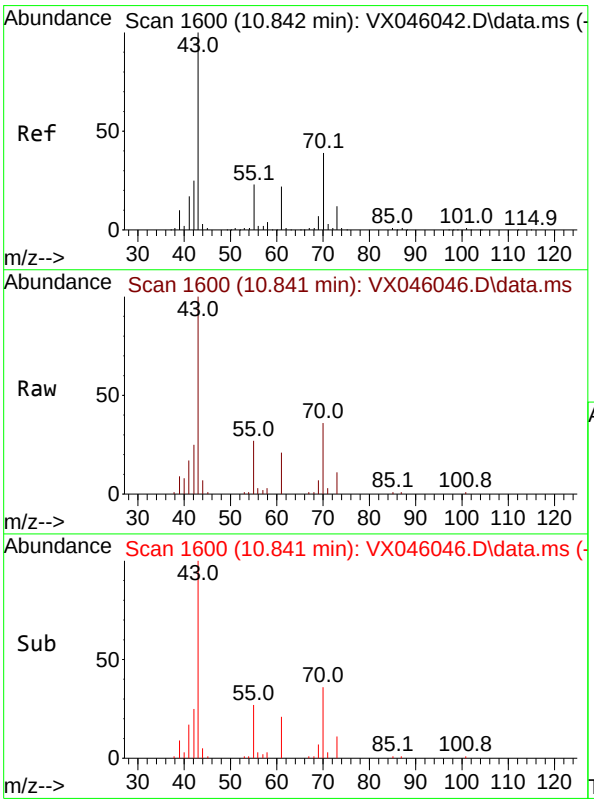
Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

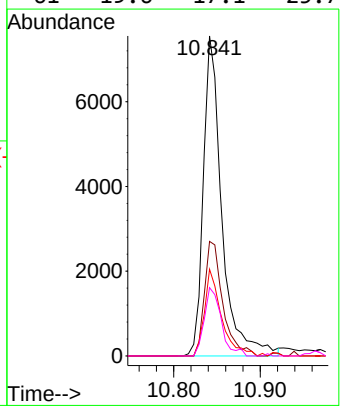


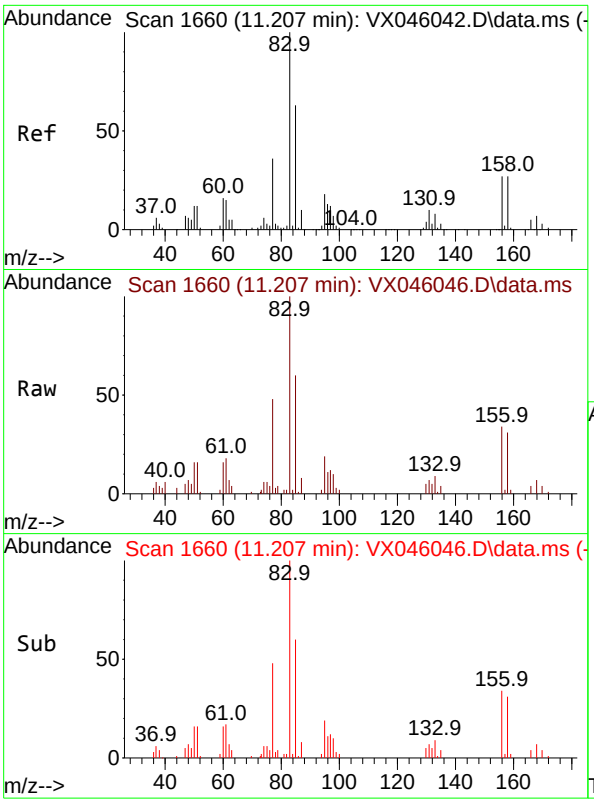


#74
N-amyl acetate
Concen: 3.038 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 11224

Ion	Ratio	Lower	Upper
43	100		
70	35.4	30.9	46.3
55	25.0	18.7	28.1
61	19.6	17.1	25.7

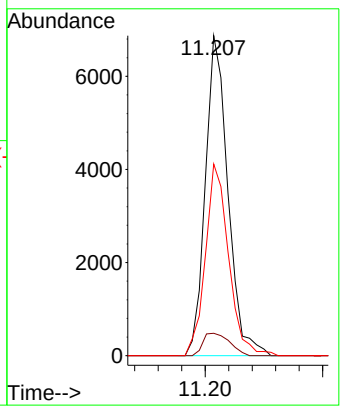




#75
1,1,2,2-Tetrachloroethane
Concen: 3.479 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 83 Resp: 917

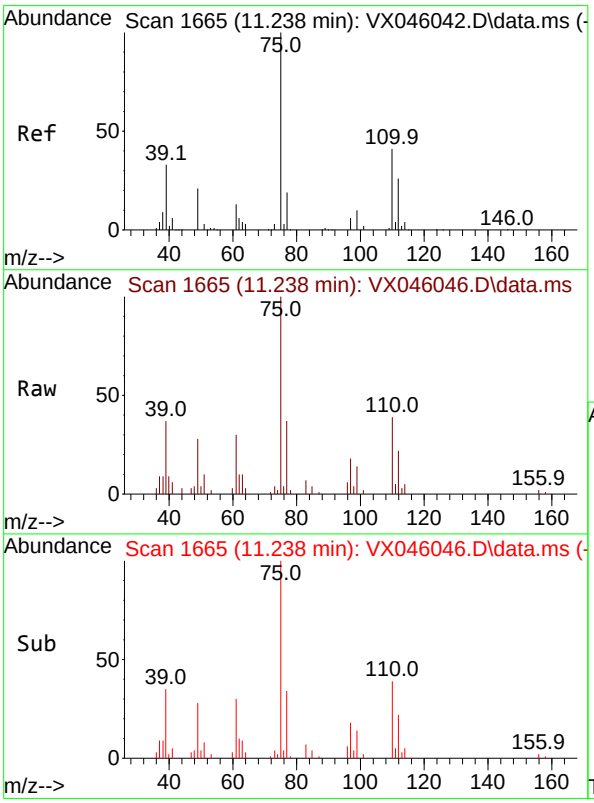
Ion	Ratio	Lower	Upper
83	100		
131	8.3	5.0	14.9
85	61.7	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

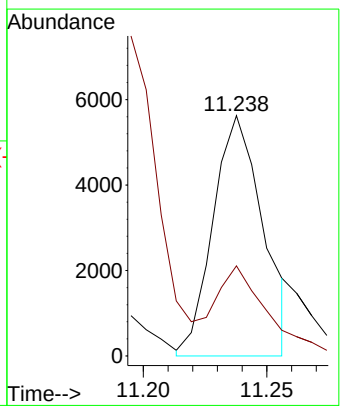
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

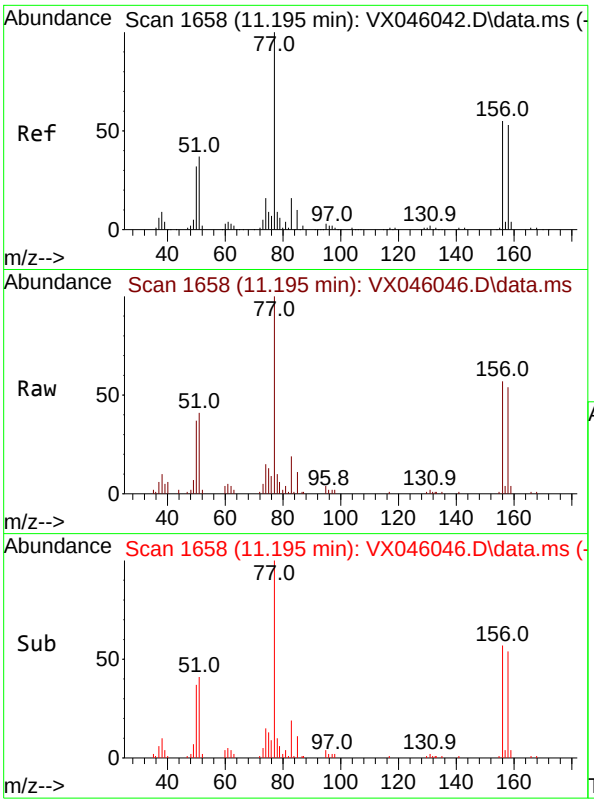


#76
1,2,3-Trichloropropane
Concen: 2.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7928

Ion	Ratio	Lower	Upper
75	100		
77	40.6	20.5	61.5

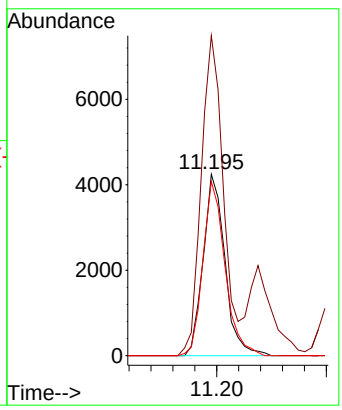




#77
Bromobenzene
Concen: 3.417 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:156 Resp: 585

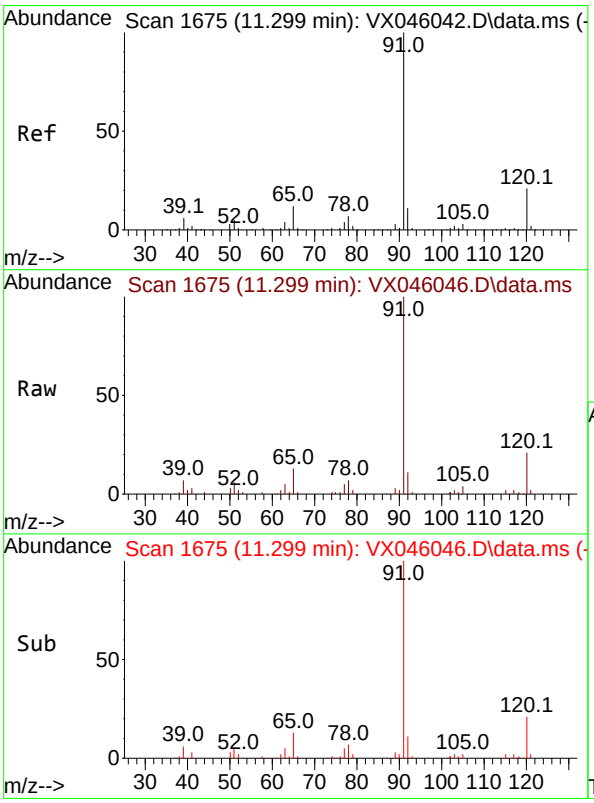
Ion	Ratio	Lower	Upper
156	100		
77	177.0	92.8	278.3
158	97.7	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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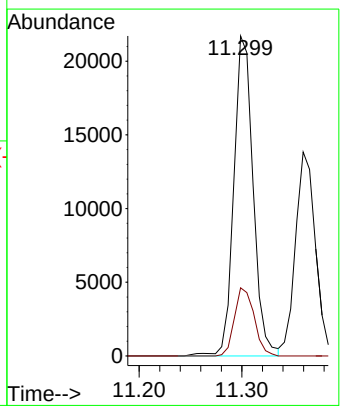
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

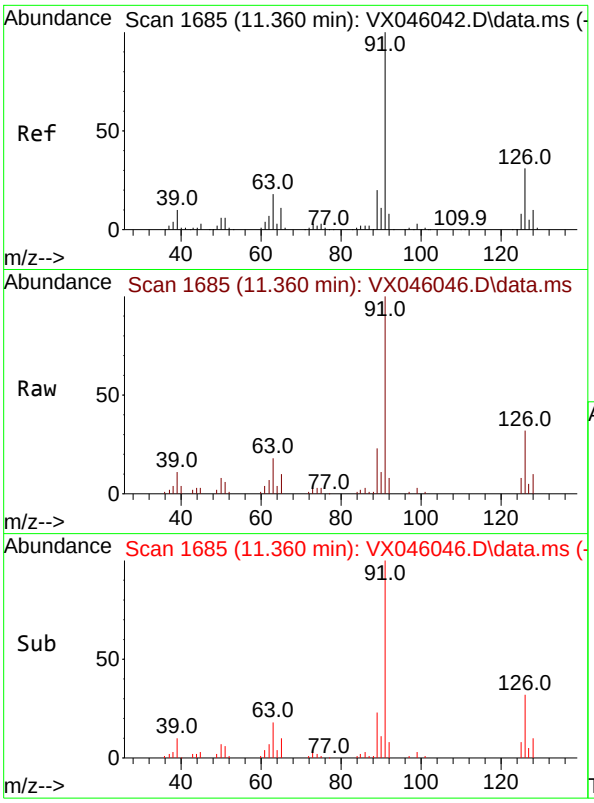


#78
n-propylbenzene
Concen: 3.424 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 28436

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





#79
2-Chlorotoluene
Concen: 3.336 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

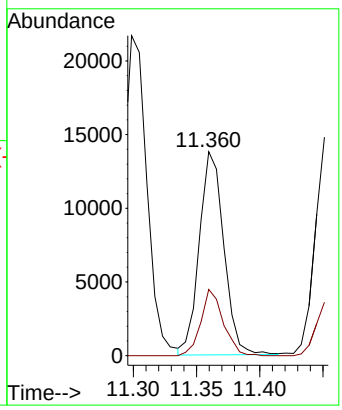
Tgt Ion: 91 Resp: 1867

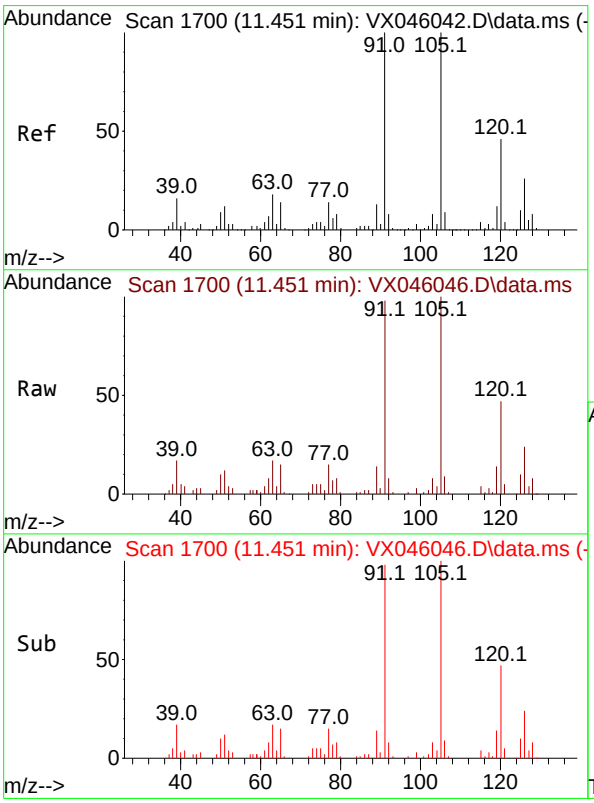
Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.6	46.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

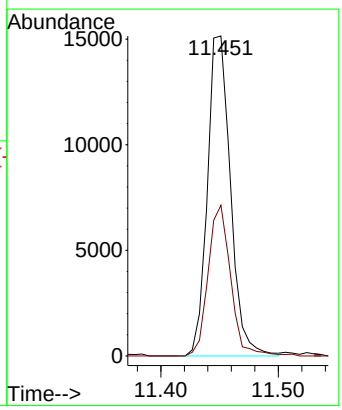


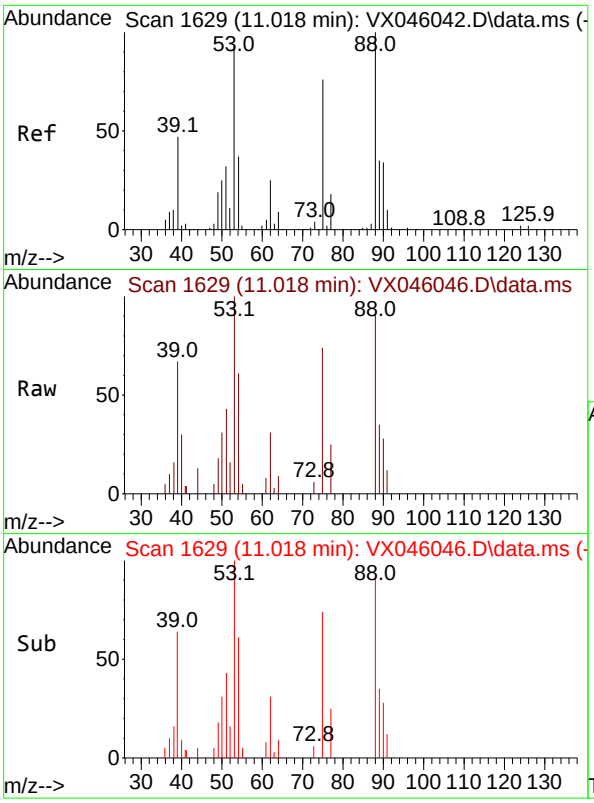


#80
1,3,5-Trimethylbenzene
Concen: 3.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:105 Resp: 20742

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.686 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

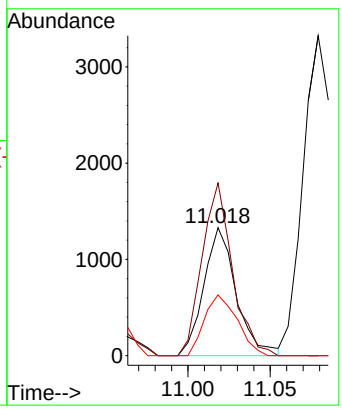
Tgt Ion: 75 Resp: 182

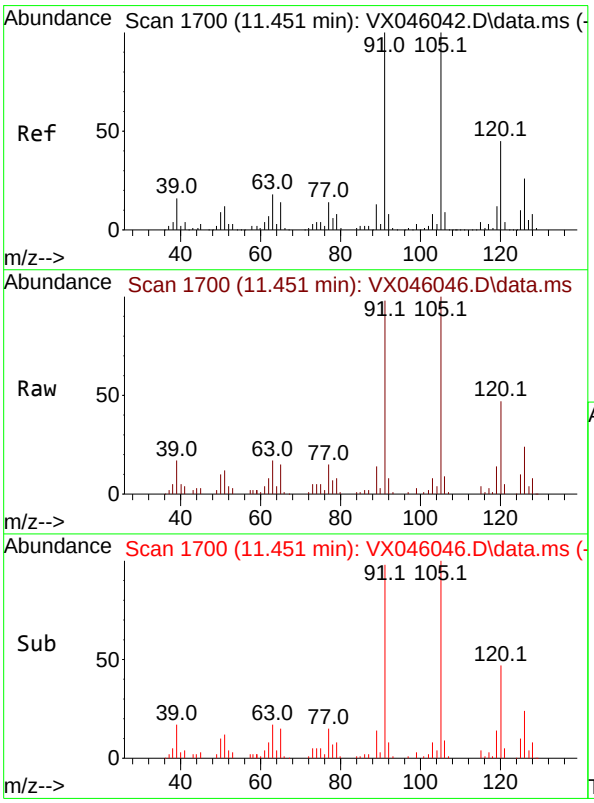
Ion	Ratio	Lower	Upper
75	100		
53	125.8	100.5	150.7
89	47.9	37.0	55.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

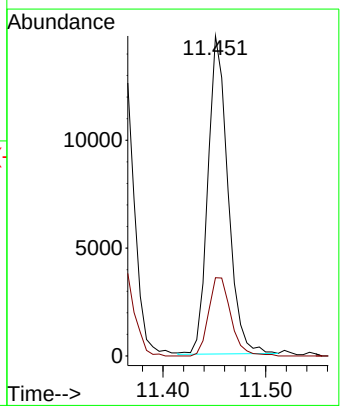


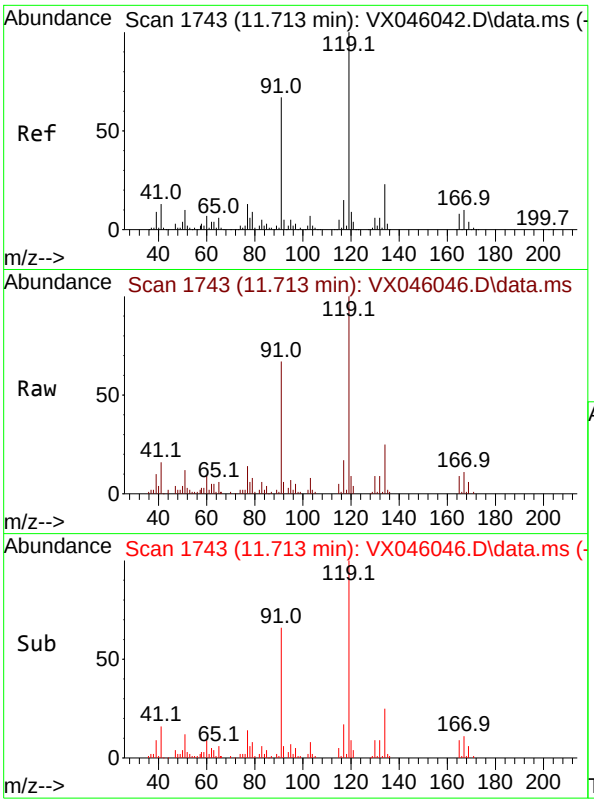


#82
4-Chlorotoluene
Concen: 3.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 19966

Ion	Ratio	Lower	Upper
91	100		
126	27.3	13.3	39.8





#83
tert-Butylbenzene
Concen: 3.484 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

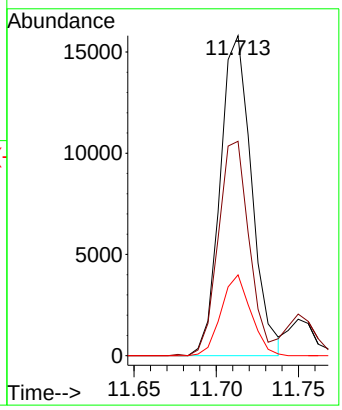
Tgt Ion:119 Resp: 2104

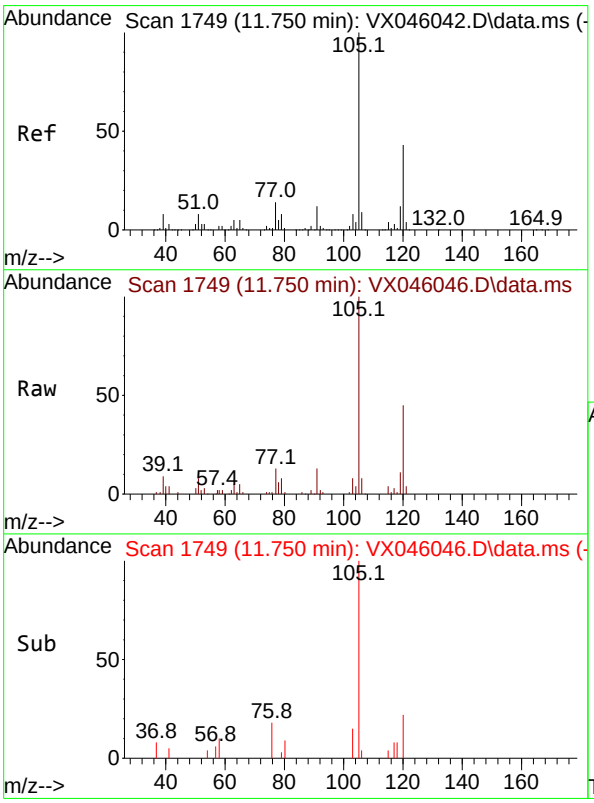
Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.9	98.7
134	23.8	11.4	34.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

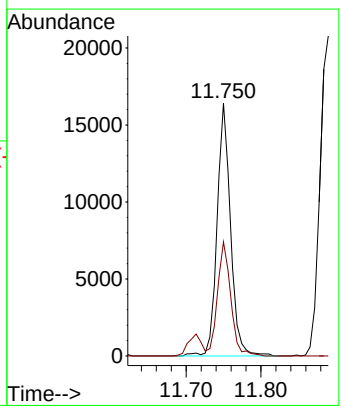


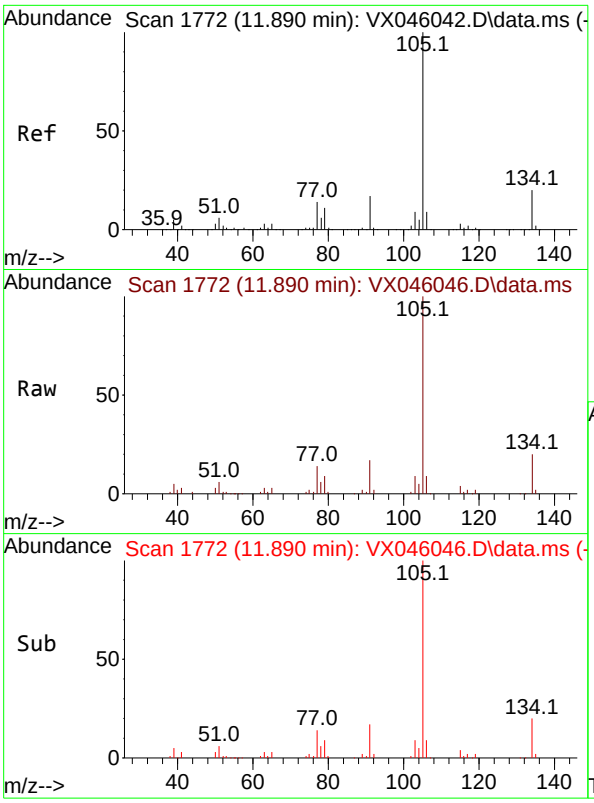


#84
1,2,4-Trimethylbenzene
Concen: 3.355 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:105 Resp: 20613

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.2	63.6

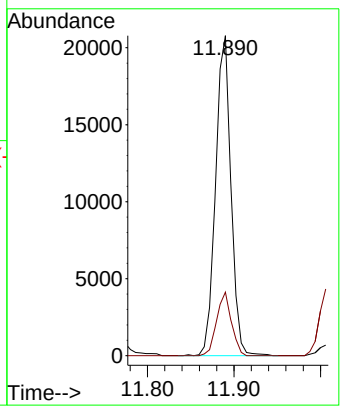




#85
sec-Butylbenzene
Concen: 3.412 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:105 Resp: 2559

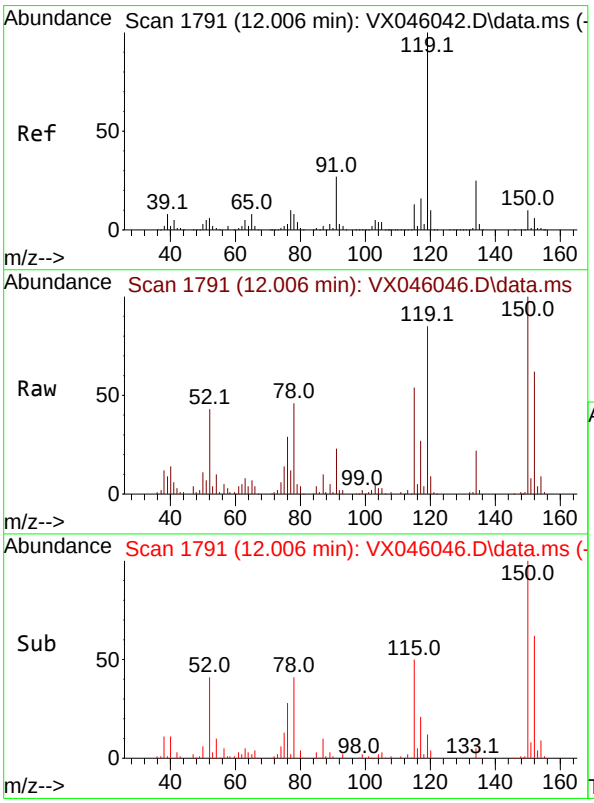
Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

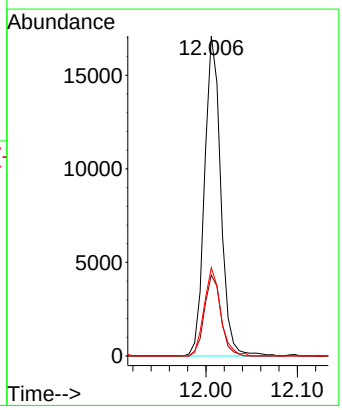
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

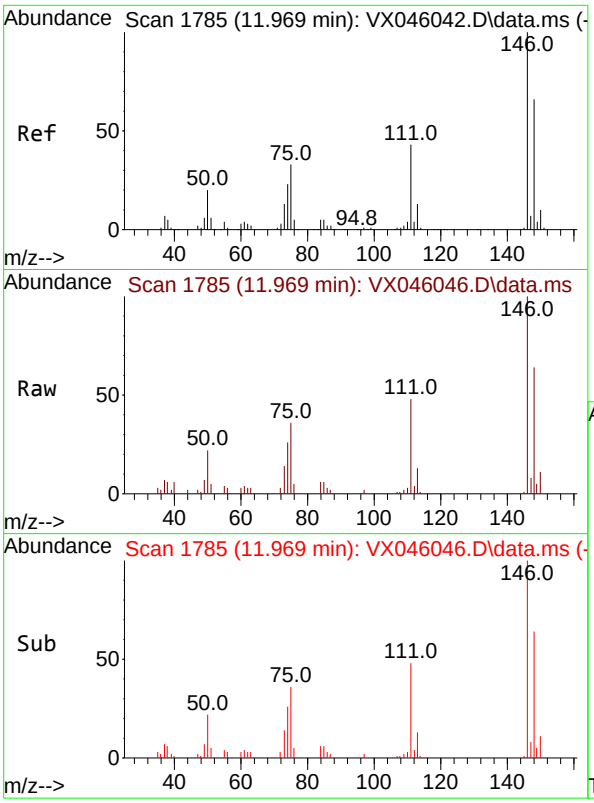


#86
p-Isopropyltoluene
Concen: 3.460 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:119 Resp: 20955

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.5	37.5
91	28.0	13.8	41.4

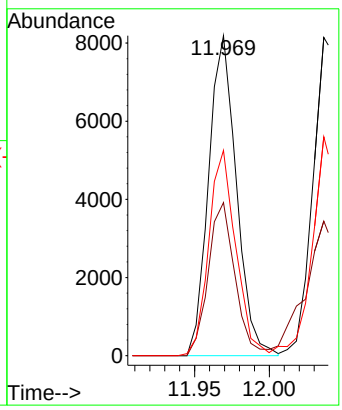




#87
1,3-Dichlorobenzene
Concen: 3.315 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:146 Resp: 1058

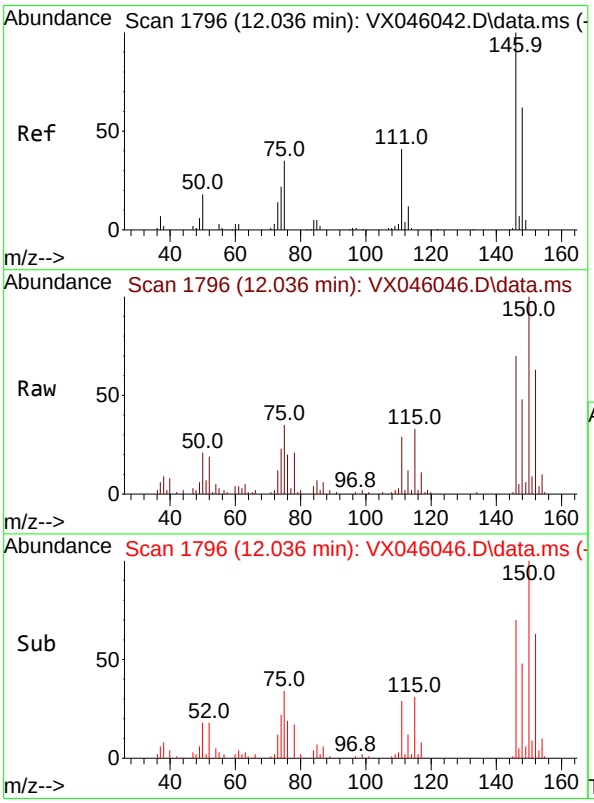
Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.1	66.3
148	62.4	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

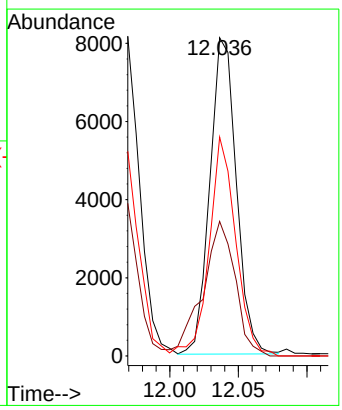
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

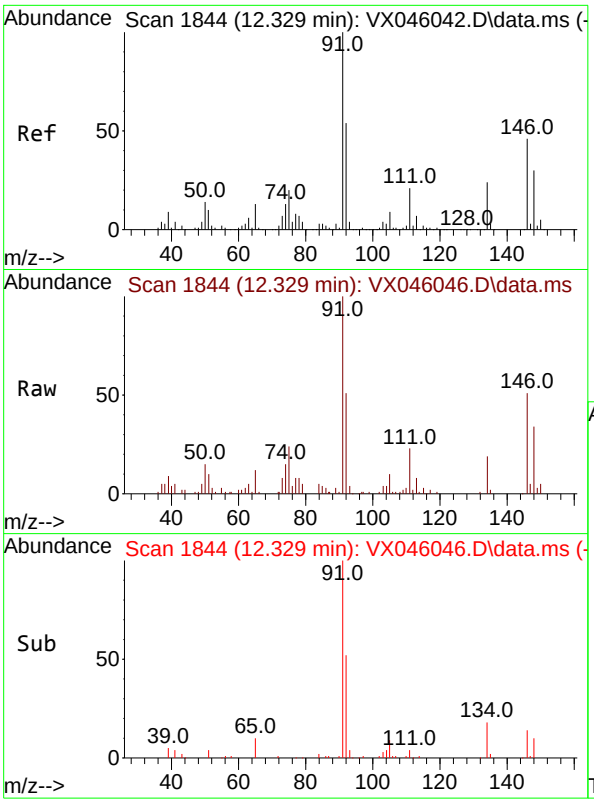


#88
1,4-Dichlorobenzene
Concen: 3.486 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:146 Resp: 10908

Ion	Ratio	Lower	Upper
146	100		
111	52.1	21.3	63.9
148	69.4	31.9	95.5

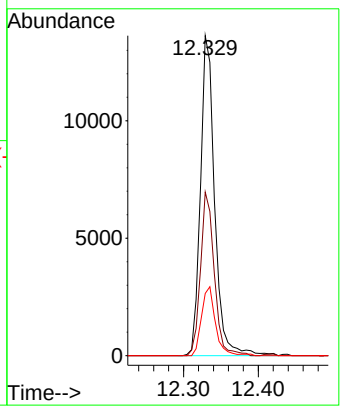




#89
n-Butylbenzene
Concen: 3.419 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 1800

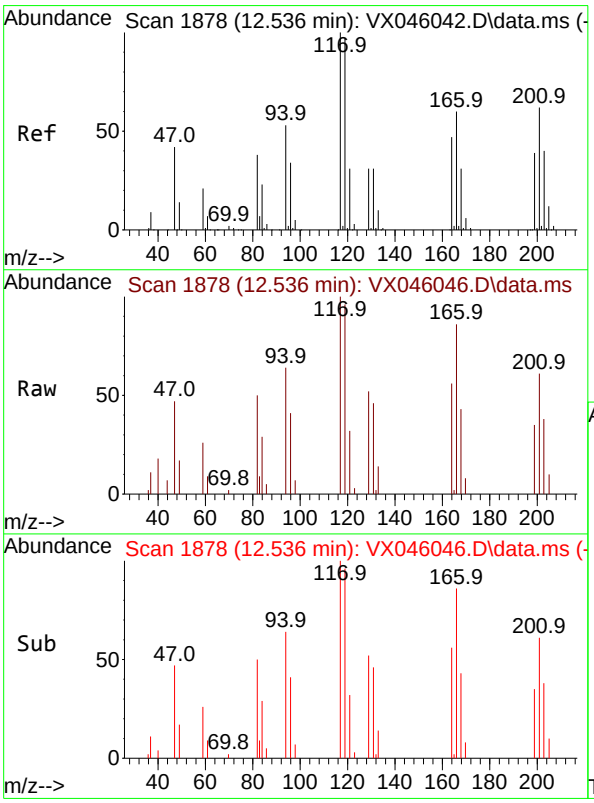
Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.9	80.7
134	21.2	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

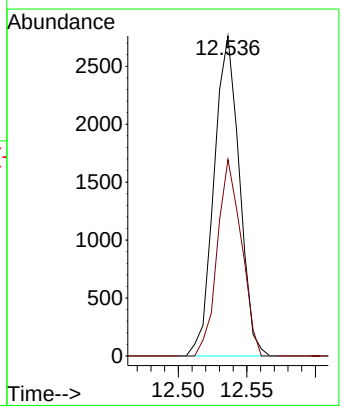
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

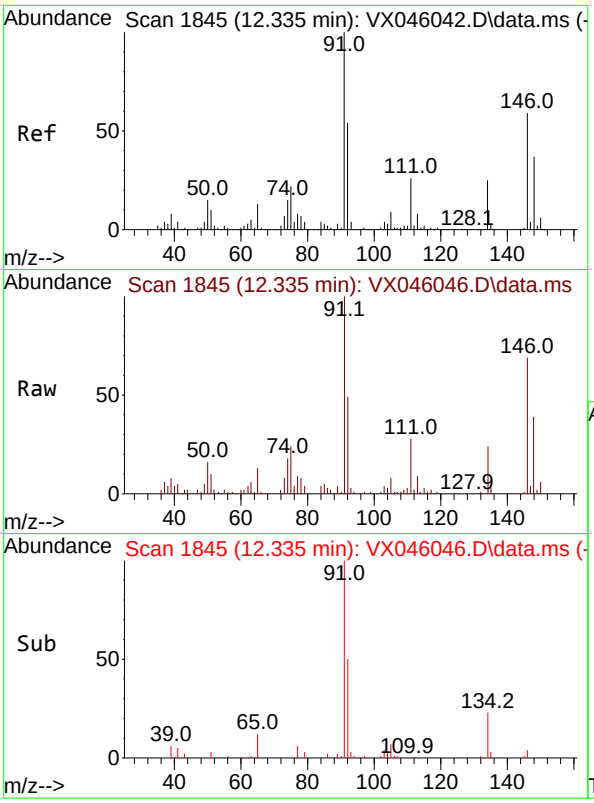


#90
Hexachloroethane
Concen: 3.153 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 3553

Ion	Ratio	Lower	Upper
117	100		
201	58.5	31.6	94.7

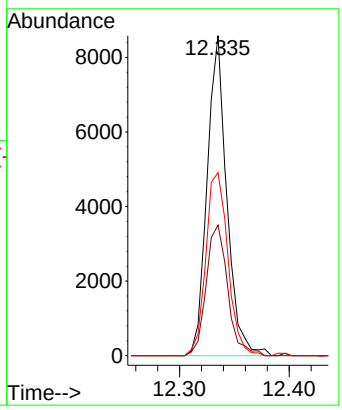




#91
1,2-Dichlorobenzene
Concen: 3.444 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:146 Resp: 1071

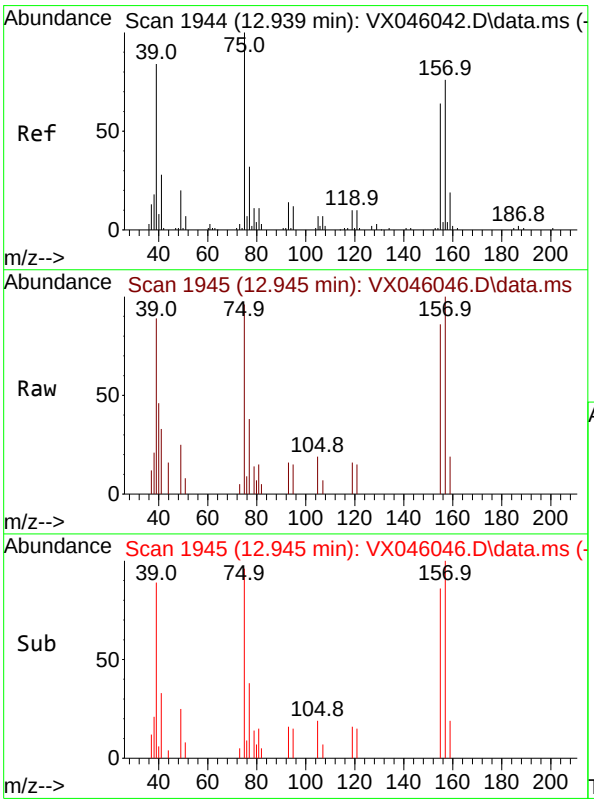
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.4	67.3
148	64.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

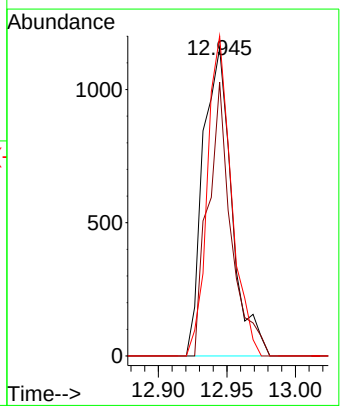
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

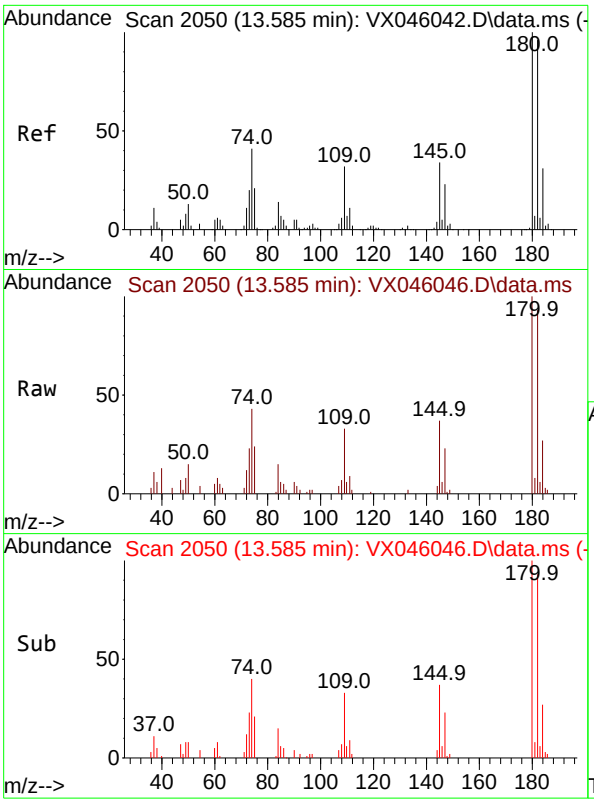


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.812 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 1687

Ion	Ratio	Lower	Upper
75	100		
155	71.7	34.9	104.8
157	87.0	43.8	131.4

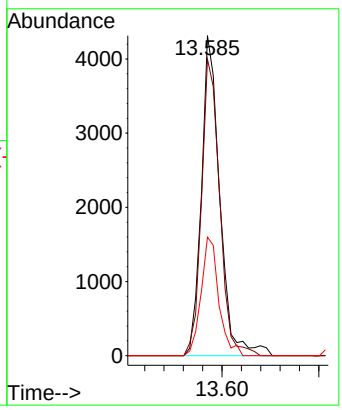




#93
1,2,4-Trichlorobenzene
Concen: 3.359 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:180 Resp: 572

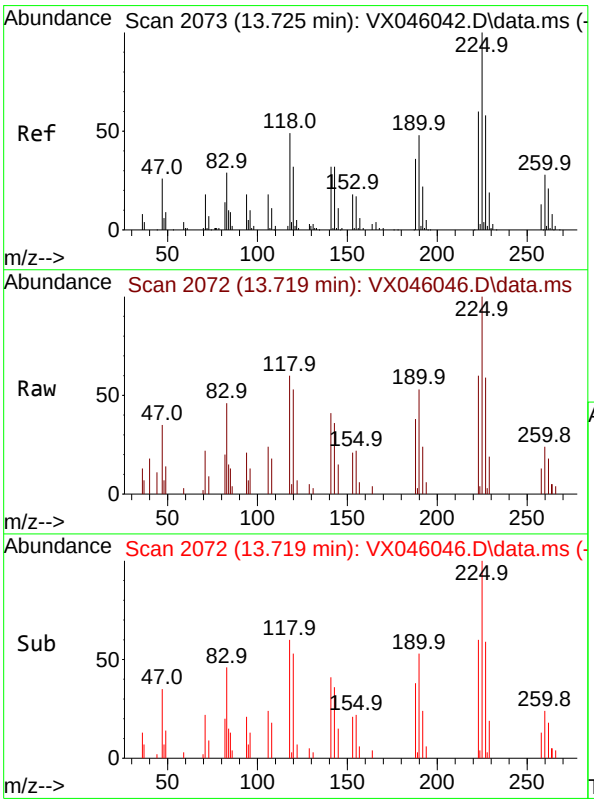
Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.9	143.8
145	35.7	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

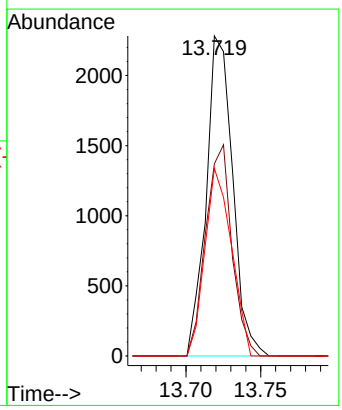
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

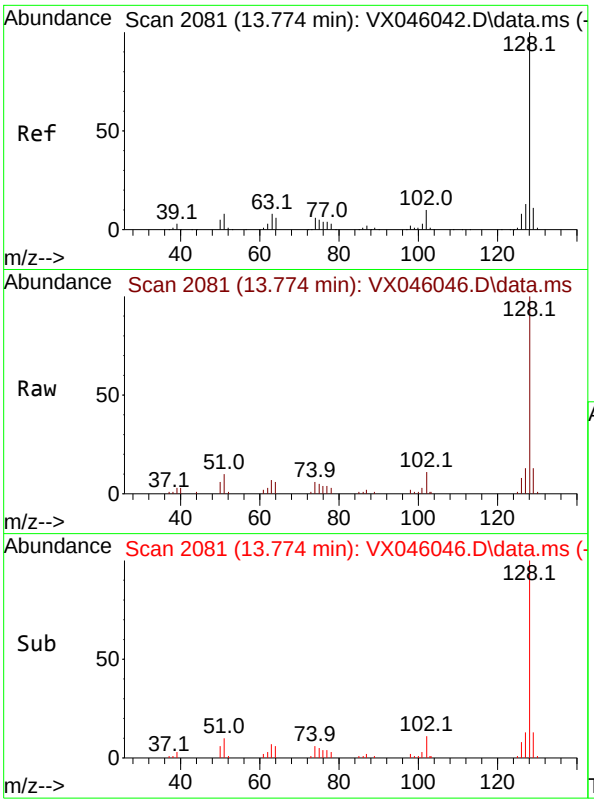


#94
Hexachlorobutadiene
Concen: 3.535 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:225 Resp: 2816

Ion	Ratio	Lower	Upper
225	100		
223	65.1	30.8	92.4
227	58.8	30.9	92.7

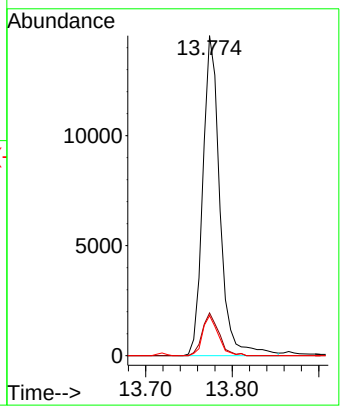




#95
Naphthalene
Concen: 3.209 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:128 Resp: 1990

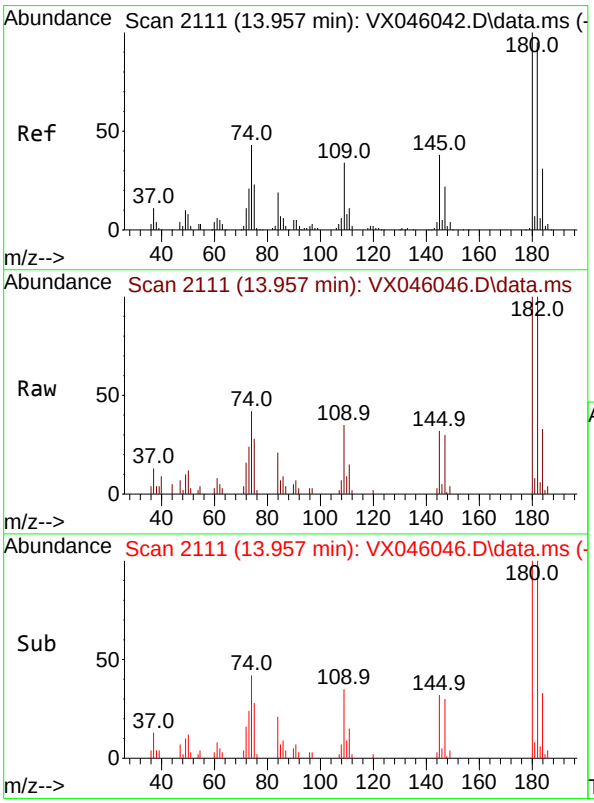
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.5	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

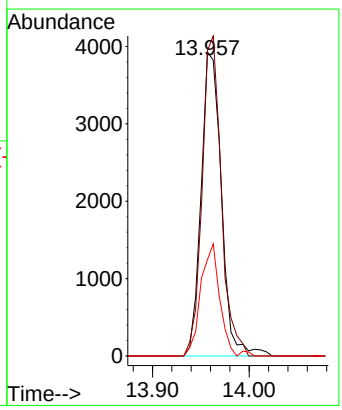
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 3.217 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:180 Resp: 5745

Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.8	143.3
145	34.8	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	92040	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	167022	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	140108	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59123	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	1211	0.596	ug/l		98
3) Chloromethane	1.307	50	1278	0.639	ug/l		97
4) Vinyl Chloride	1.374	62	1239	0.707	ug/l	#	82
6) Chloroethane	1.678	64	859	0.951	ug/l		91
7) Trichlorofluoromethane	1.880	101	1959	0.734	ug/l		95
8) Diethyl Ether	2.130	74	742	0.845	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.319	101	1166	0.731	ug/l		96
12) 1,1-Dichloroethene	2.313	96	1093	0.704	ug/l	#	87
14) Allyl chloride	2.654	41	1936	0.660	ug/l		89
15) Acrylonitrile	3.075	53	3343	3.424	ug/l		98
16) Acetone	2.380	43	3500	3.736	ug/l		97
17) Carbon Disulfide	2.508	76	2619	0.728	ug/l		98
18) Methyl Acetate	2.709	43	1852	0.828	ug/l		98
19) Methyl tert-butyl Ether	3.117	73	3588	0.662	ug/l		96
20) Methylene Chloride	2.782	84	1571	0.828	ug/l	#	90
21) trans-1,2-Dichloroethene	3.081	96	1111	0.701	ug/l	#	71
22) Diisopropyl ether	3.757	45	3857	0.703	ug/l	#	26
23) Vinyl Acetate	3.727	43	15283	3.154	ug/l		96
24) 1,1-Dichloroethane	3.605	63	2054	0.637	ug/l		97
25) 2-Butanone	4.593	43	4558	3.371	ug/l		92
26) 2,2-Dichloropropane	4.458	77	1777	0.728	ug/l		84
27) cis-1,2-Dichloroethene	4.483	96	1324	0.693	ug/l		91
28) Bromochloromethane	4.910	49	1061m	0.619	ug/l		
29) Tetrahydrofuran	5.019	42	2931	3.338	ug/l		99
30) Chloroform	5.093	83	2328	0.695	ug/l		98
32) 1,1,1-Trichloroethane	5.379	97	1869	0.647	ug/l	#	51
36) 1,1-Dichloropropene	5.684	75	1648	0.758	ug/l	#	83
37) Ethyl Acetate	4.733	43	1956m	0.717	ug/l		
38) Carbon Tetrachloride	5.678	117	1807	0.724	ug/l	#	78
39) Methylcyclohexane	7.373	83	2096	0.770	ug/l		97
40) Benzene	6.044	78	4502	0.668	ug/l	#	89
41) Methacrylonitrile	4.946	41	778	0.513	ug/l	#	56
42) 1,2-Dichloroethane	6.092	62	1934	0.694	ug/l		81
43) Isopropyl Acetate	6.354	43	2553	0.612	ug/l	#	81
44) Trichloroethene	7.135	130	1083	0.680	ug/l		85
45) 1,2-Dichloropropane	7.440	63	1059	0.633	ug/l		89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	880	0.667	ug/l		97
47) Bromodichloromethane	7.818	83	1620	0.633	ug/l	#	91
48) Methyl methacrylate	7.714	41	1235m	0.577	ug/l		
49) 1,4-Dioxane	7.677	88	498	11.703	ug/l	#	66
51) 4-Methyl-2-Pentanone	8.580	43	9378	3.430	ug/l		97
52) Toluene	8.720	92	2684	0.672	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1238	0.576	ug/l	#	79
54) cis-1,3-Dichloropropene	8.379	75	1414	0.564	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	1029	0.637	ug/l		92
56) Ethyl methacrylate	9.128	69	1260	0.504	ug/l	#	76
57) 1,3-Dichloropropane	9.311	76	2036	0.711	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	3846	3.420	ug/l		94
59) 2-Hexanone	9.439	43	6424	3.096	ug/l		88
60) Dibromochloromethane	9.525	129	1023	0.582	ug/l		93
61) 1,2-Dibromoethane	9.610	107	1077	0.650	ug/l		98
64) Tetrachloroethene	9.275	164	972	0.679	ug/l		95
65) Chlorobenzene	10.079	112	3170	0.735	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	1035	0.720	ug/l	#	67
67) Ethyl Benzene	10.195	91	5052	0.687	ug/l		94
68) m/p-Xylenes	10.299	106	3630	1.367	ug/l		97
69) o-Xylene	10.640	106	1799	0.672	ug/l		94
70) Styrene	10.659	104	2664	0.622	ug/l		98
71) Bromoform	10.799	173	657	0.608	ug/l	#	100
73) Isopropylbenzene	10.963	105	4480	0.695	ug/l		96
74) N-amyl acetate	10.854	43	2028	0.631	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1835	0.800	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1661m	0.674	ug/l		
77) Bromobenzene	11.201	156	1095	0.734	ug/l		96
78) n-propylbenzene	11.305	91	5052	0.699	ug/l		97
79) 2-Chlorotoluene	11.360	91	3765	0.773	ug/l		94
80) 1,3,5-Trimethylbenzene	11.451	105	3590	0.671	ug/l		96
82) 4-Chlorotoluene	11.457	91	3815	0.713	ug/l		97
83) tert-Butylbenzene	11.713	119	3951	0.751	ug/l		97
84) 1,2,4-Trimethylbenzene	11.756	105	3725	0.697	ug/l		97
85) sec-Butylbenzene	11.890	105	4385	0.672	ug/l		100
86) p-Isopropyltoluene	12.006	119	3577	0.679	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	1914	0.689	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	2149m	0.789	ug/l		
89) n-Butylbenzene	12.335	91	2889	0.631	ug/l		92
90) Hexachloroethane	12.536	117	604	0.616	ug/l		99
91) 1,2-Dichlorobenzene	12.341	146	2022	0.747	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	306	0.586	ug/l		83
93) 1,2,4-Trichlorobenzene	13.591	180	1019	0.688	ug/l		94
94) Hexachlorobutadiene	13.725	225	465	0.671	ug/l		89
95) Naphthalene	13.780	128	4138	0.767	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.716	ug/l		96

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

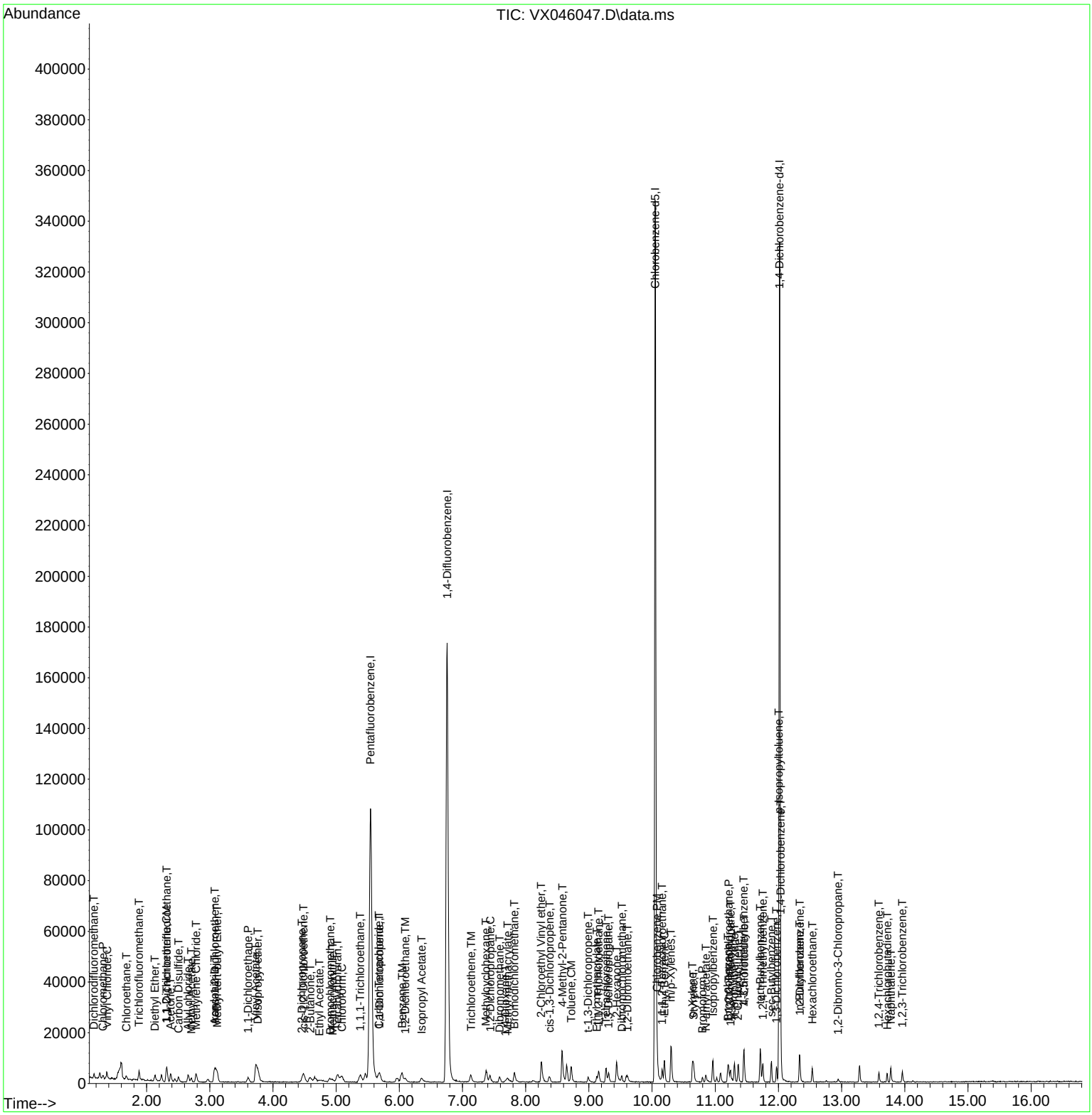
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Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

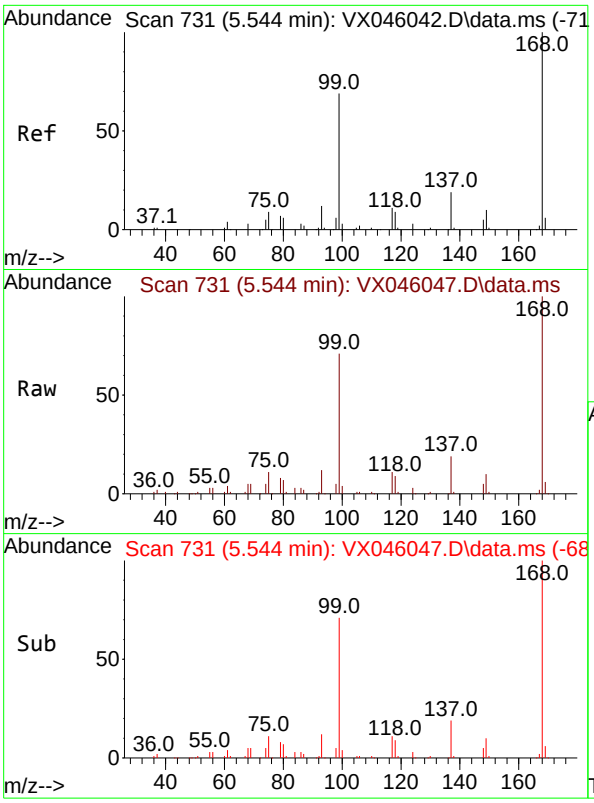
Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

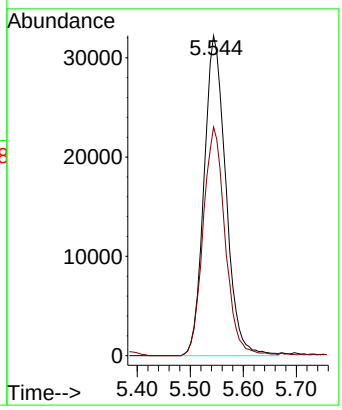




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:168 Resp: 9204

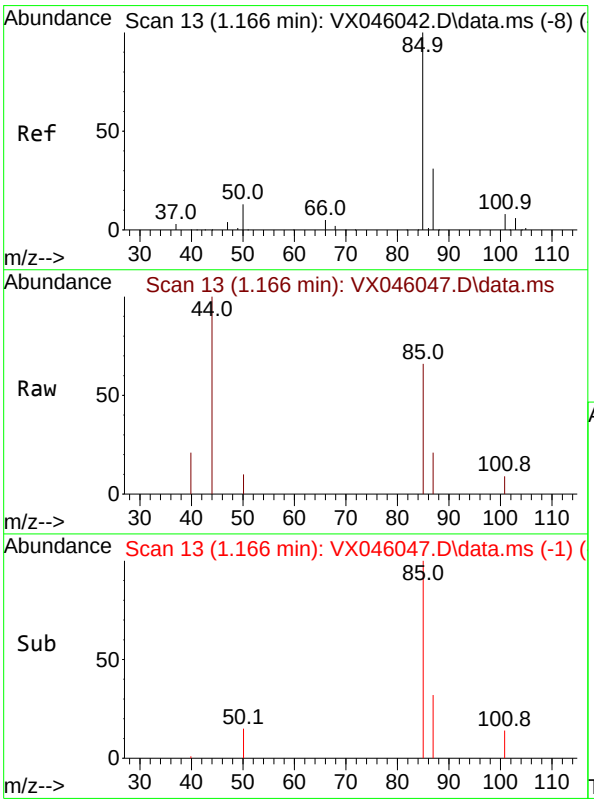
Ion	Ratio	Lower	Upper
168	100		
99	71.5	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

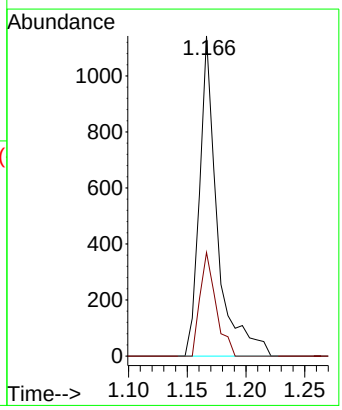
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

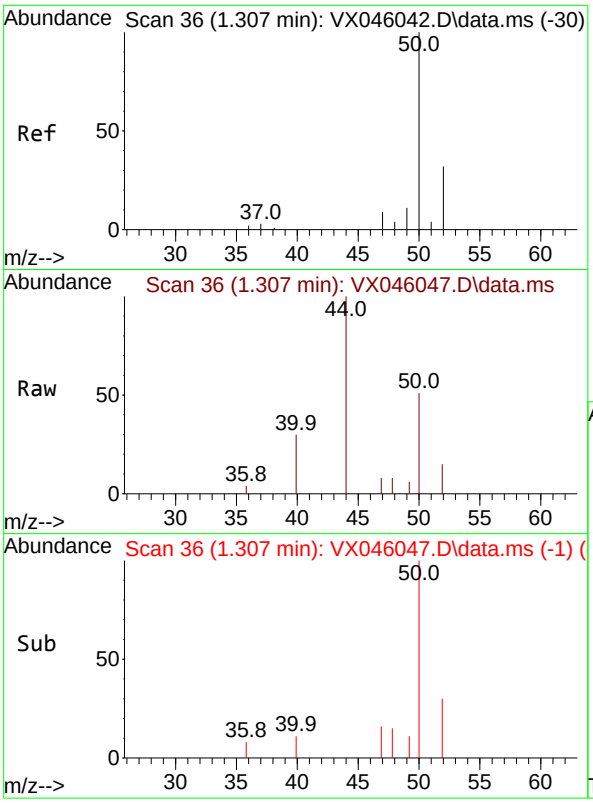


#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 85 Resp: 1211

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.7	47.1

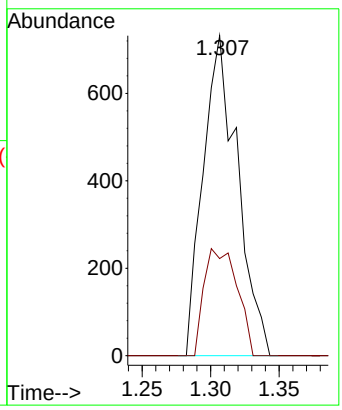




#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 50 Resp: 127

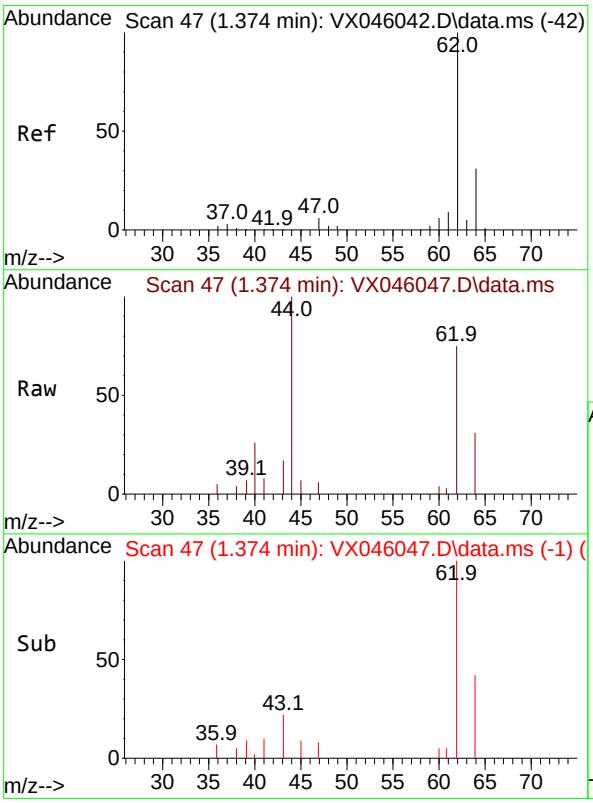
Ion	Ratio	Lower	Upper
50	100		
52	30.3	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

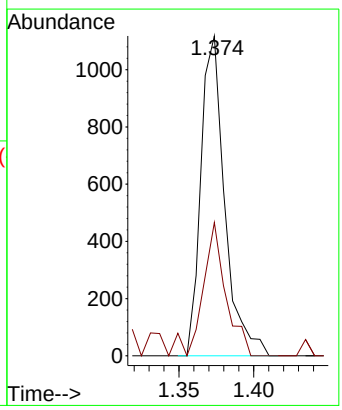
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

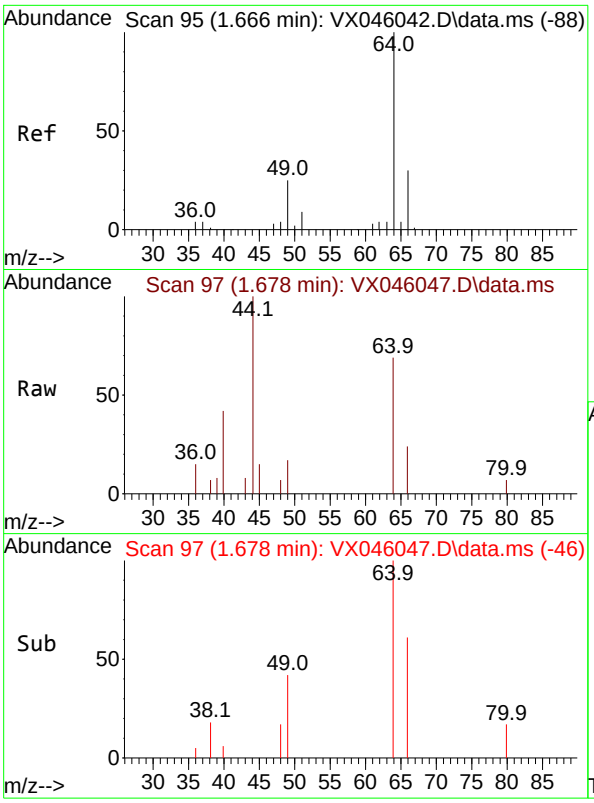


#4
Vinyl Chloride
Concen: 0.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 62 Resp: 1239

Ion	Ratio	Lower	Upper
62	100		
64	41.7	25.2	37.8#

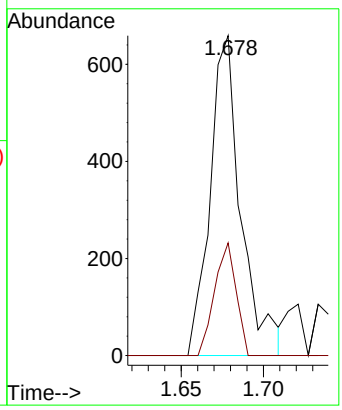




#6
Chloroethane
Concen: 0.951 ug/l
RT: 1.678 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 64 Resp: 85

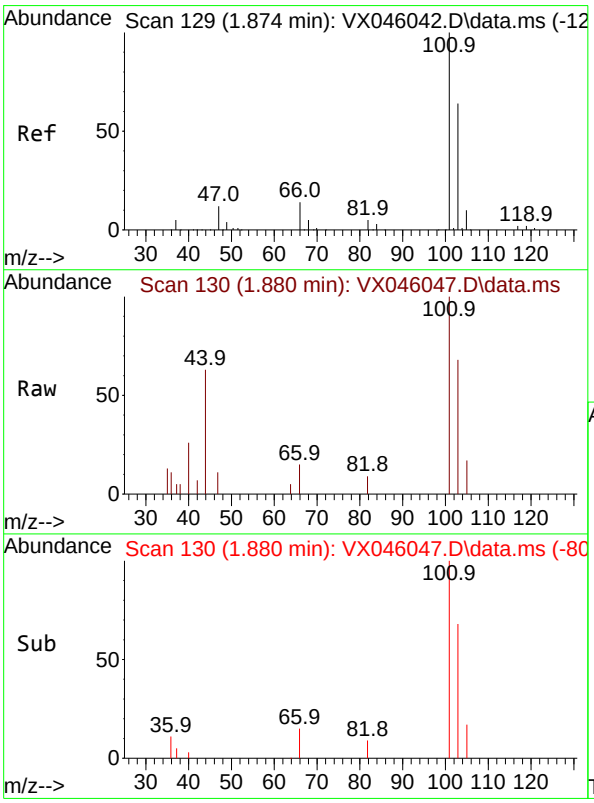
Ion	Ratio	Lower	Upper
64	100		
66	35.2	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

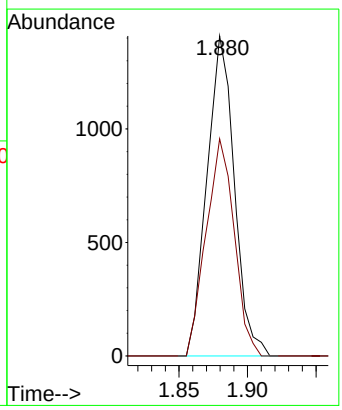
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

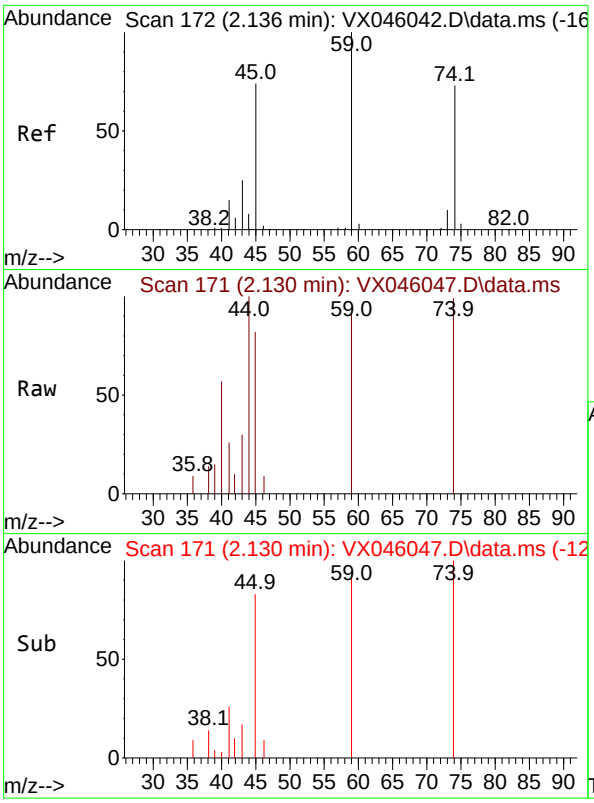


#7
Trichlorofluoromethane
Concen: 0.734 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:101 Resp: 1959

Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.0	76.4





#8
Diethyl Ether
Concen: 0.845 ug/l
RT: 2.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

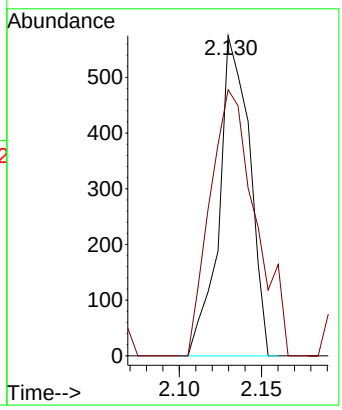
Tgt Ion: 74 Resp: 74

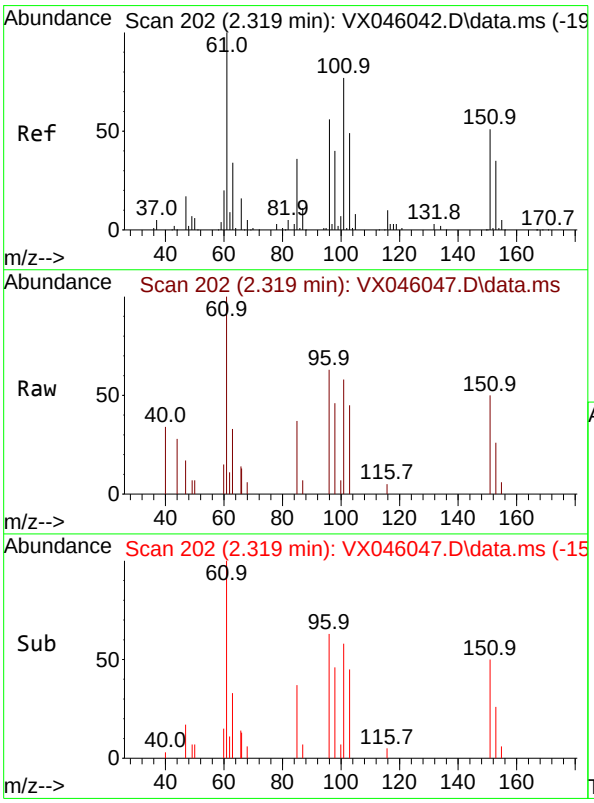
Ion	Ratio	Lower	Upper
74	100		
45	123.6	54.9	164.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

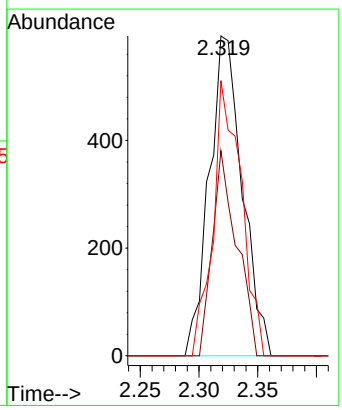


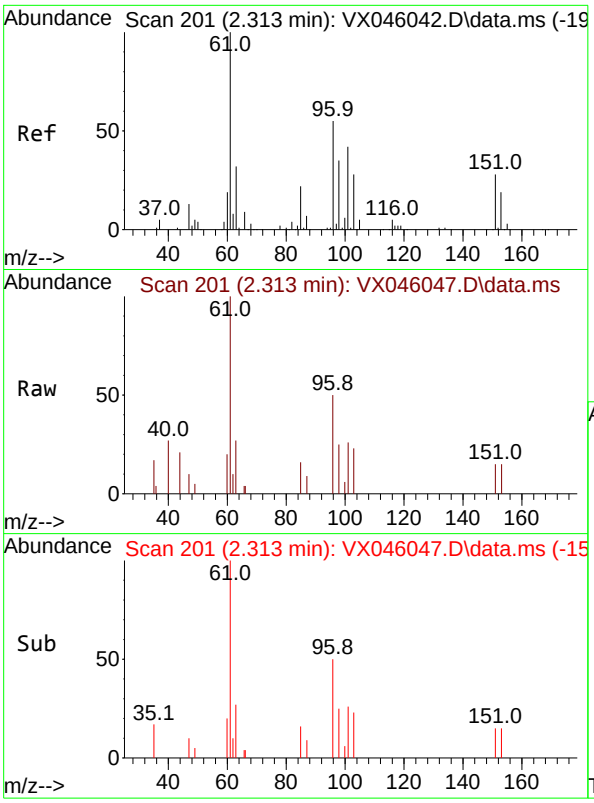


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.731 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:101 Resp: 1166

Ion	Ratio	Lower	Upper
101	100		
85	47.3	38.6	58.0
151	73.1	55.2	82.8

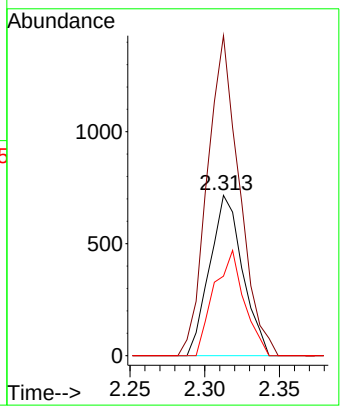




#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 96 Resp: 109

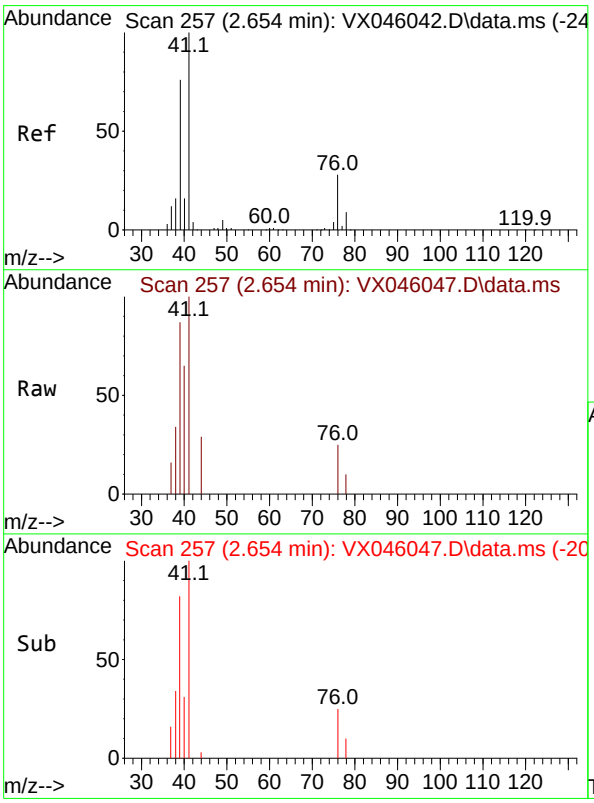
Ion	Ratio	Lower	Upper
96	100		
61	199.6	146.2	219.2
98	49.6	51.0	76.6#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

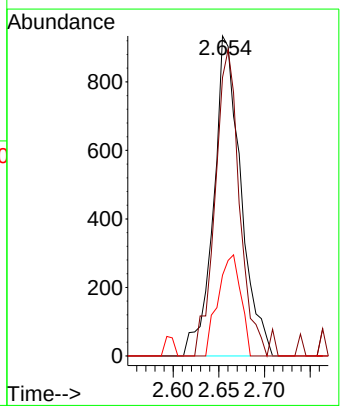
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

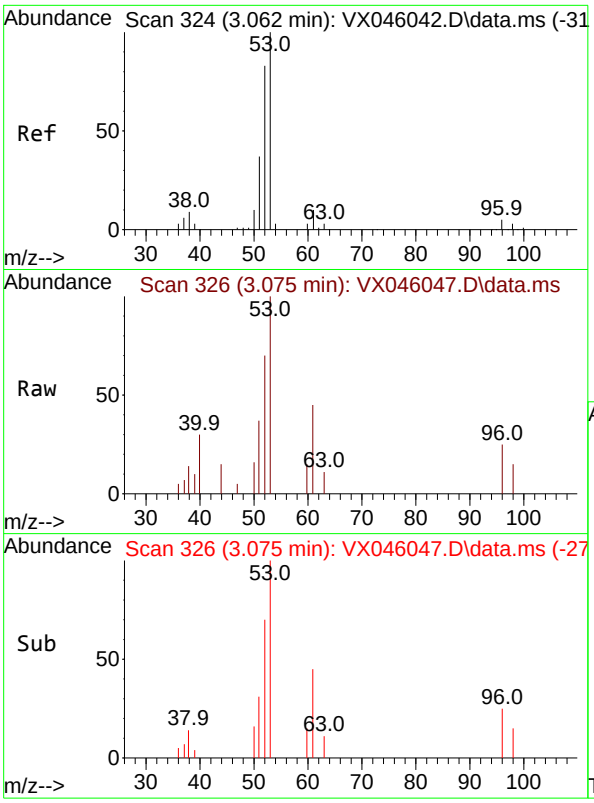


#14
Allyl chloride
Concen: 0.660 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 1936

Ion	Ratio	Lower	Upper
41	100		
39	85.5	60.6	90.8
76	26.4	24.9	37.3

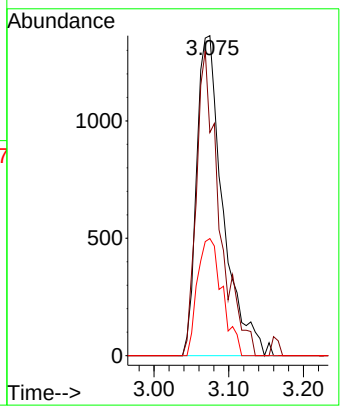




#15
Acrylonitrile
Concen: 3.424 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 53 Resp: 334

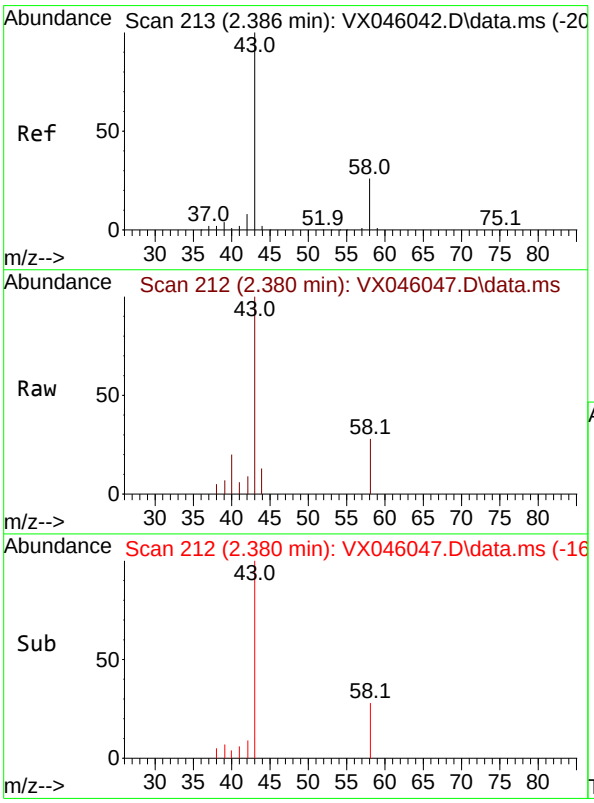
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	34.4	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

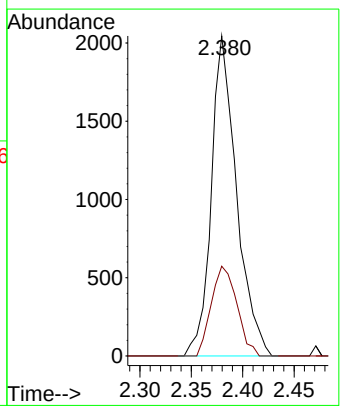
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

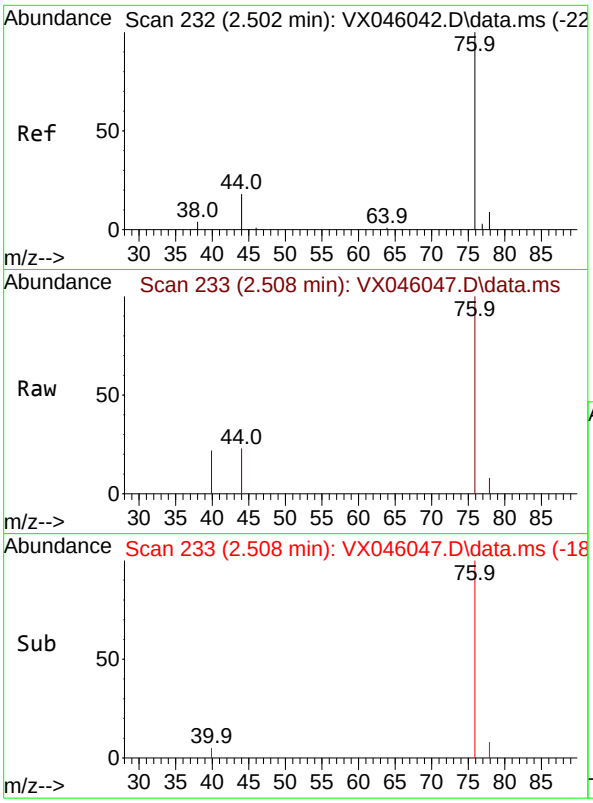


#16
Acetone
Concen: 3.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 3500

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8

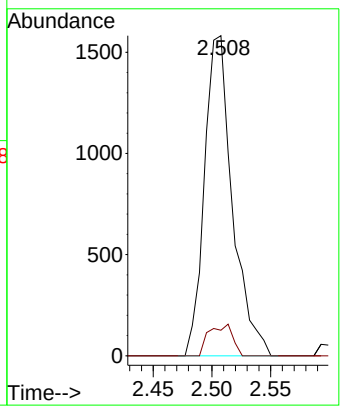




#17
Carbon Disulfide
Concen: 0.728 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 76 Resp: 261

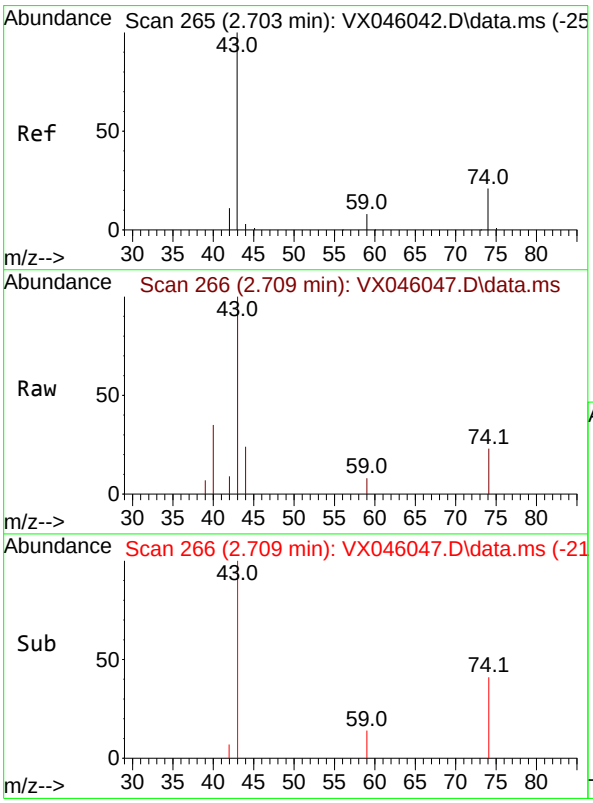
Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

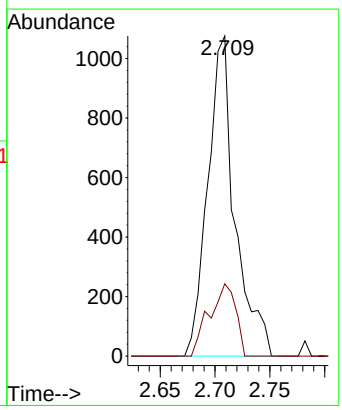
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

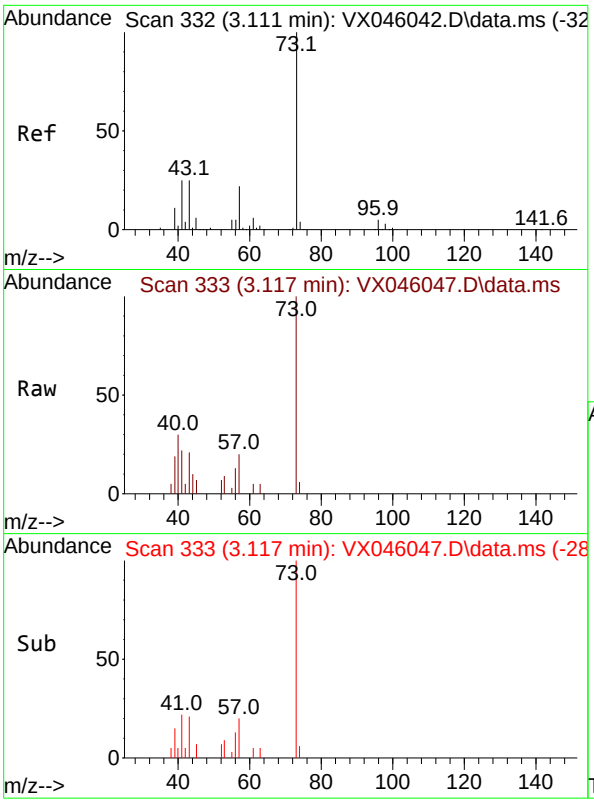


#18
Methyl Acetate
Concen: 0.828 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1

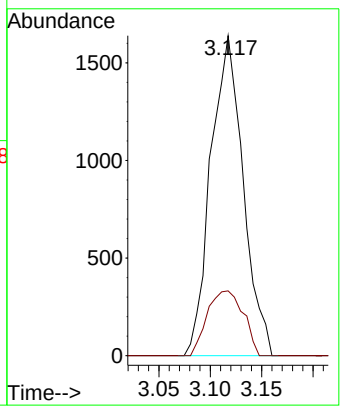




#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 73 Resp: 358

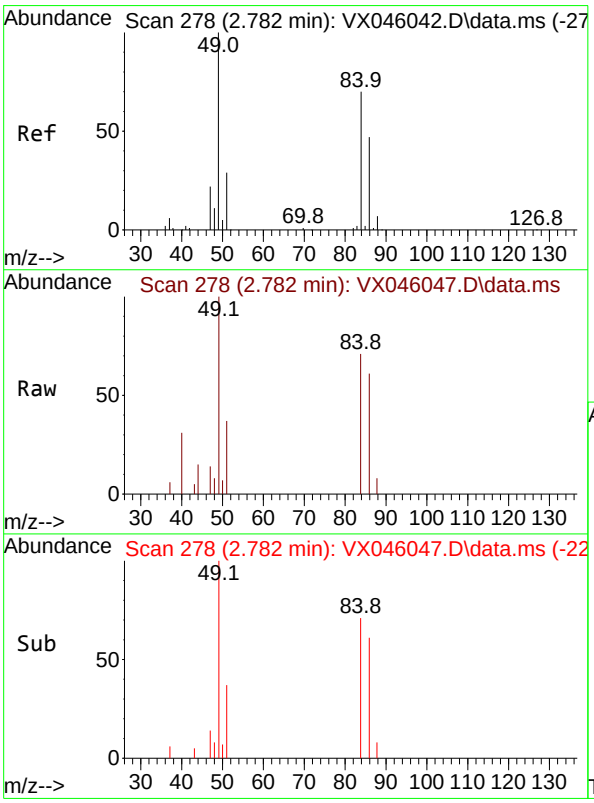
Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

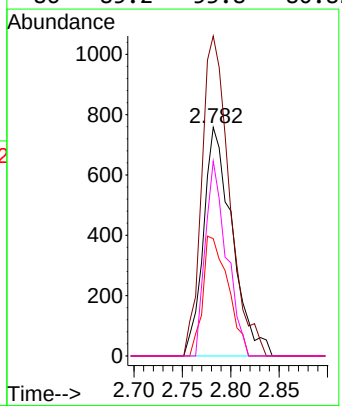
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

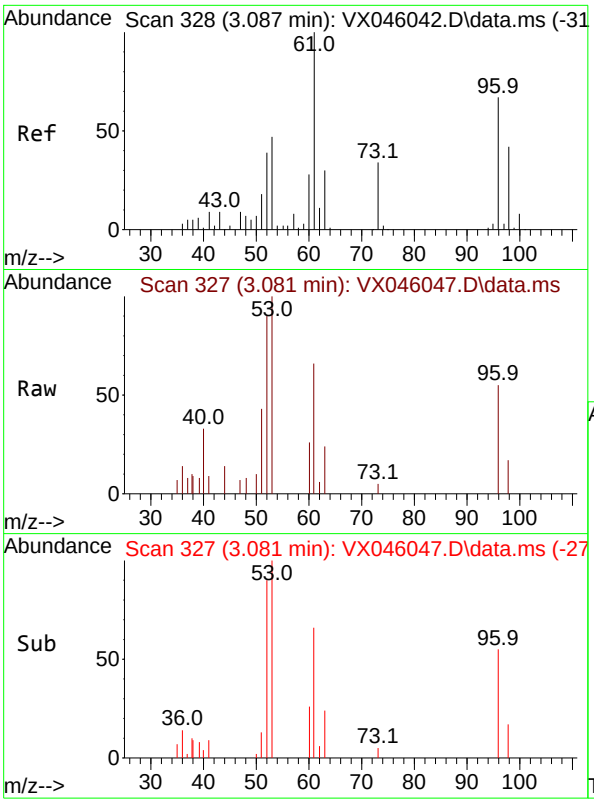


#20
Methylene Chloride
Concen: 0.828 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 84 Resp: 1571

Ion	Ratio	Lower	Upper
84	100		
49	140.0	113.9	170.9
51	51.3	33.5	50.3#
86	85.2	53.8	80.8#

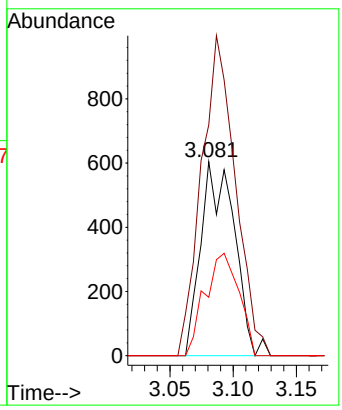




#21
trans-1,2-Dichloroethene
Concen: 0.701 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 96 Resp: 111

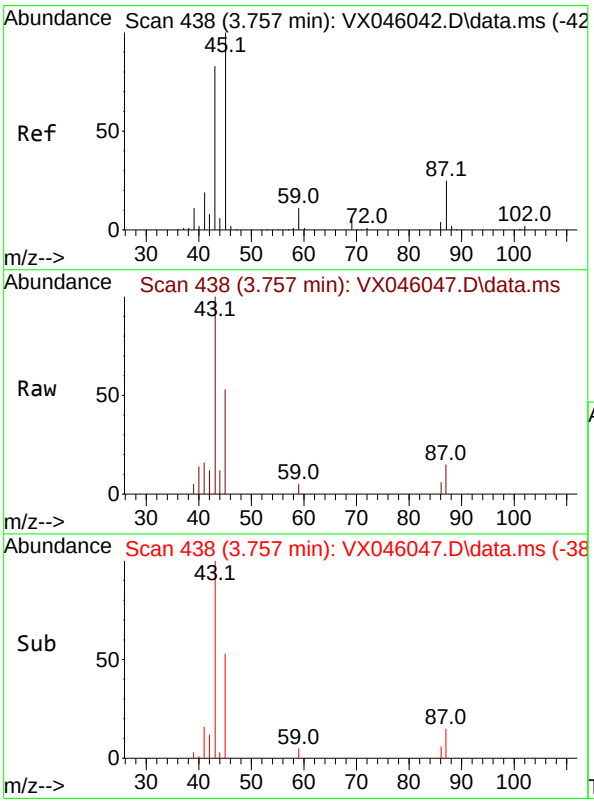
Ion	Ratio	Lower	Upper
96	100		
61	119.0	119.5	179.3#
98	30.1	50.0	75.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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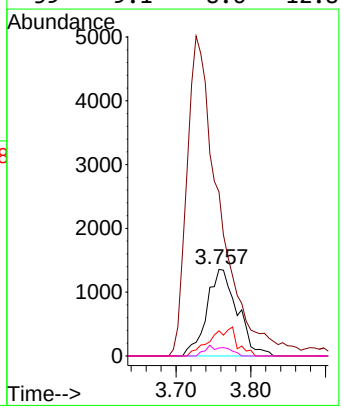
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

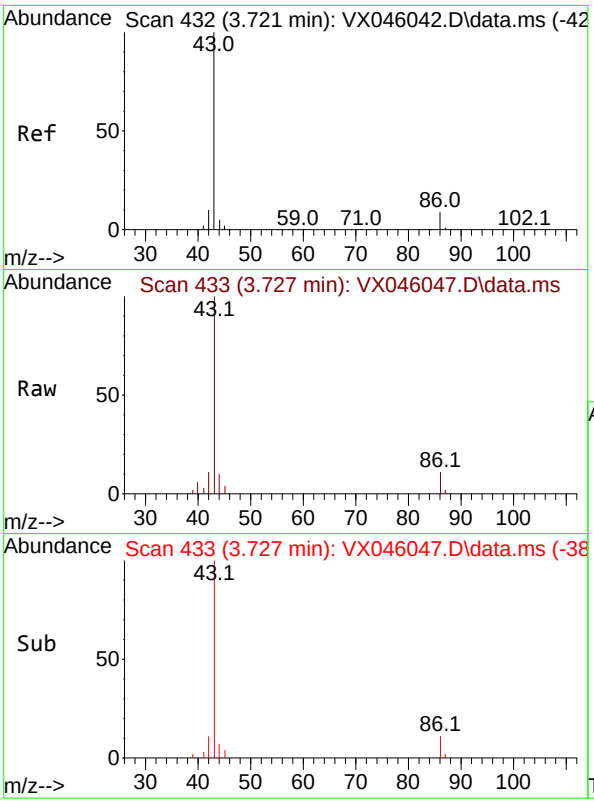


#22
Diisopropyl ether
Concen: 0.703 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 45 Resp: 3857

Ion	Ratio	Lower	Upper
45	100		
43	176.2	66.6	100.0#
87	28.9	19.8	29.6
59	9.1	8.6	12.8





#23
Vinyl Acetate
Concen: 3.154 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

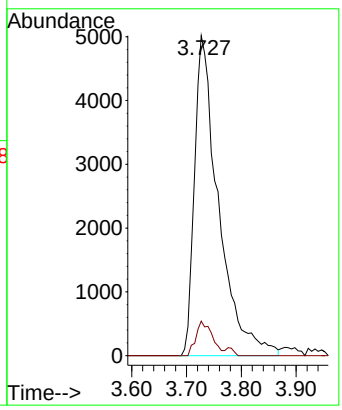
Tgt Ion: 43 Resp: 1528

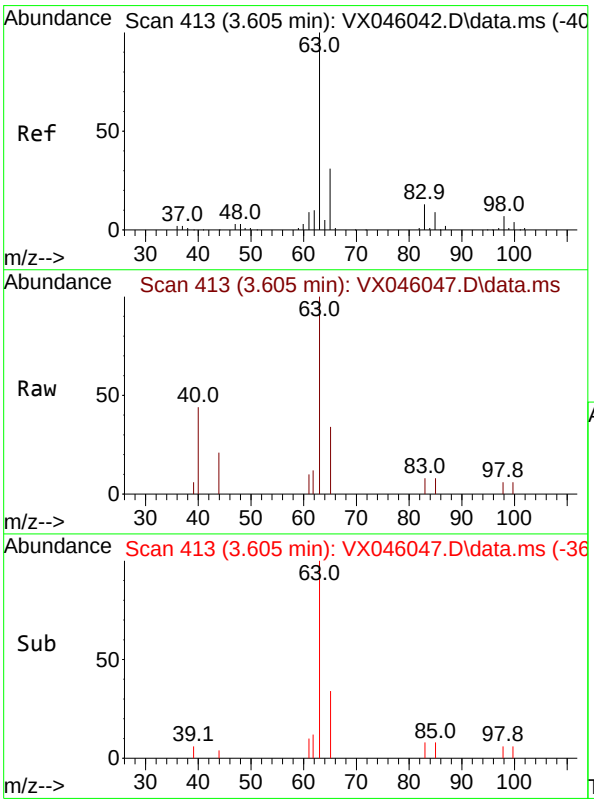
Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

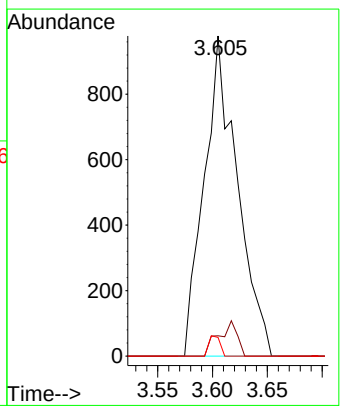


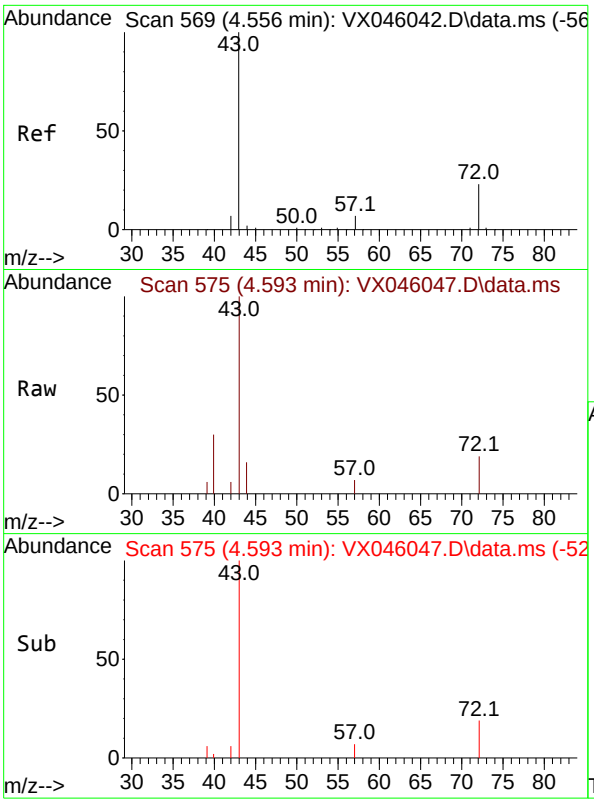


#24
1,1-Dichloroethane
Concen: 0.637 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 63 Resp: 2054

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.6	10.8
100	5.8	2.1	6.3

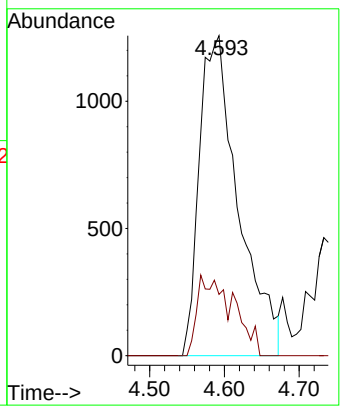




#25
2-Butanone
Concen: 3.371 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 455

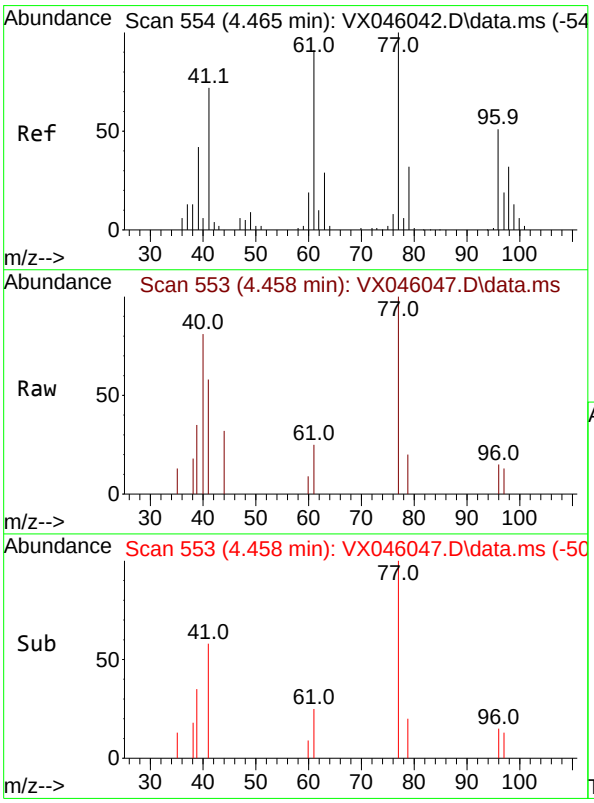
Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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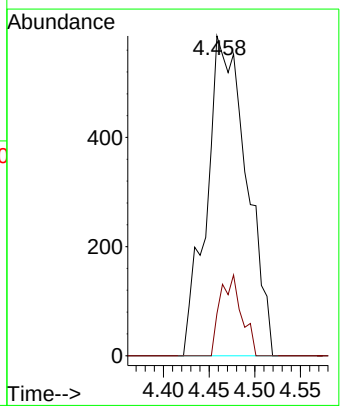
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

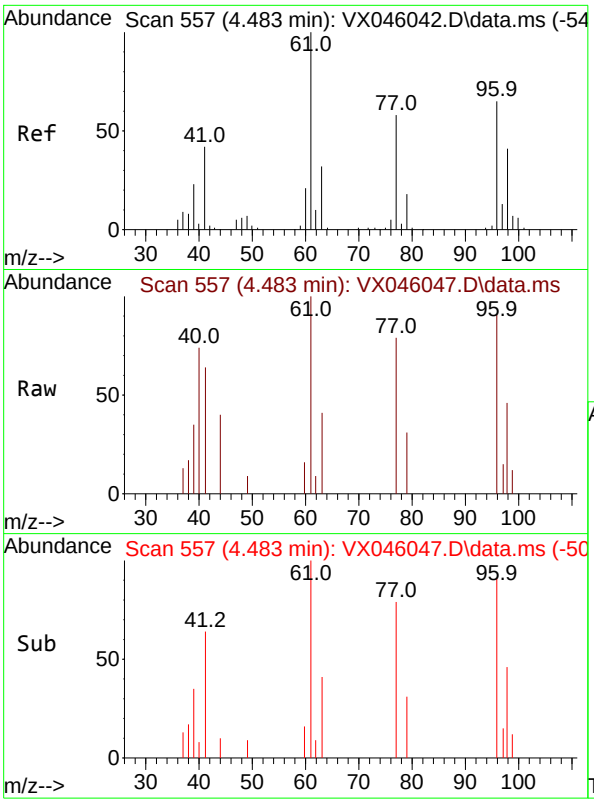


#26
2,2-Dichloropropane
Concen: 0.728 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 77 Resp: 1777

Ion	Ratio	Lower	Upper
77	100		
97	13.7	10.5	31.5

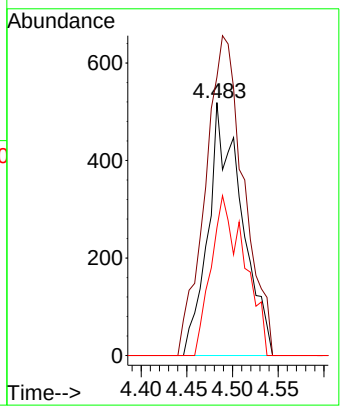




#27
cis-1,2-Dichloroethene
Concen: 0.693 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 96 Resp: 132

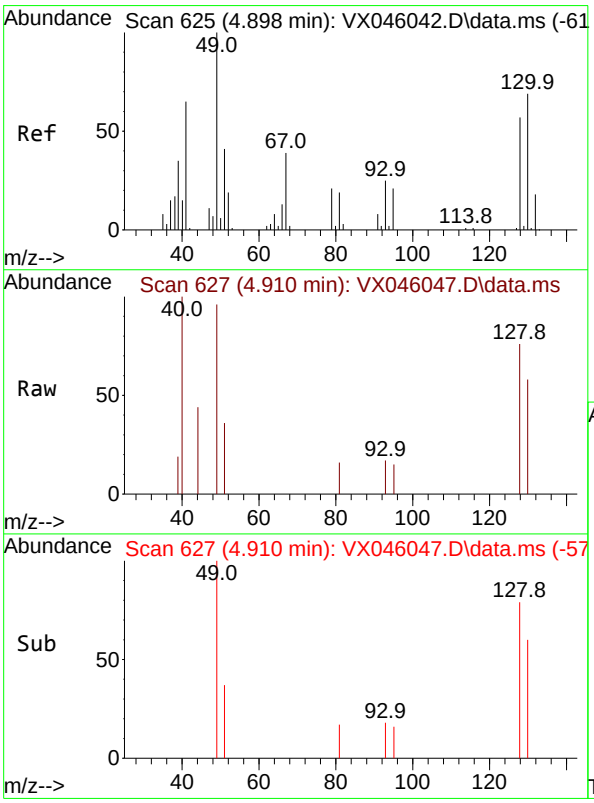
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	322.8
98	63.1	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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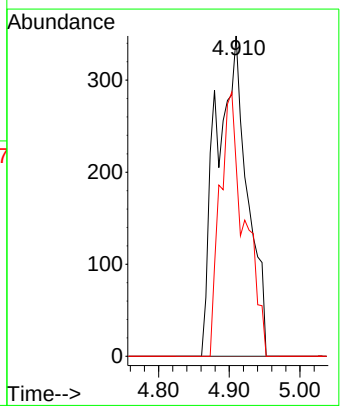
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

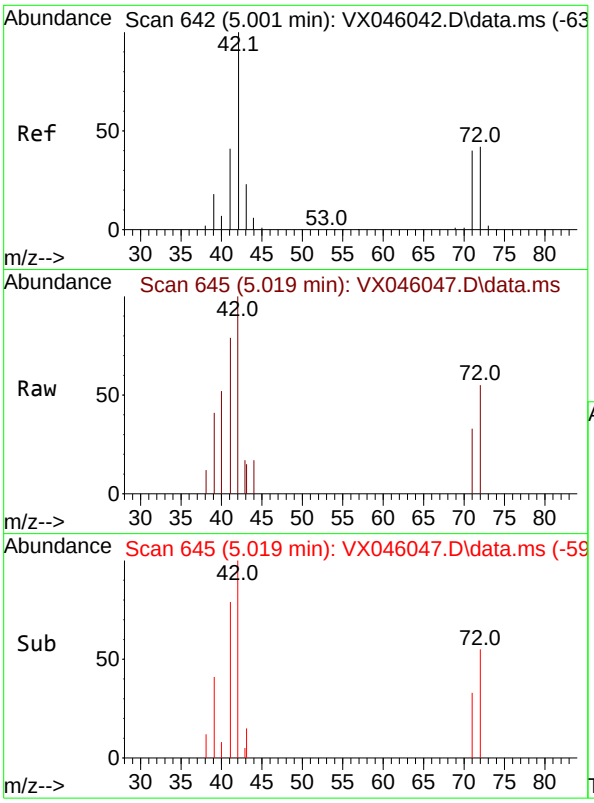


#28
Bromochloromethane
Concen: 0.619 ug/l m
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 49 Resp: 1061

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	65.3	56.2	84.2

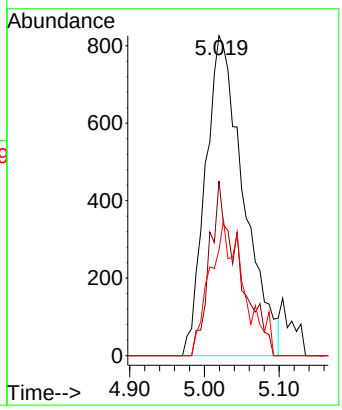




#29
Tetrahydrofuran
Concen: 3.338 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 42 Resp: 293

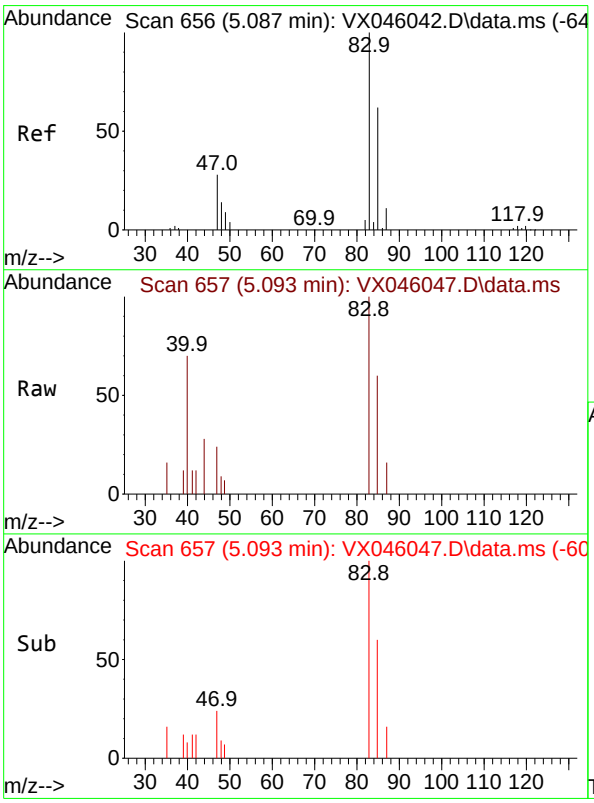
Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.7	50.5
71	37.7	31.4	47.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

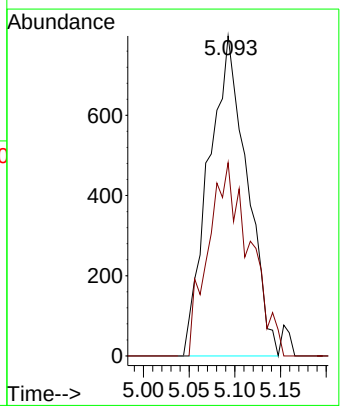
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

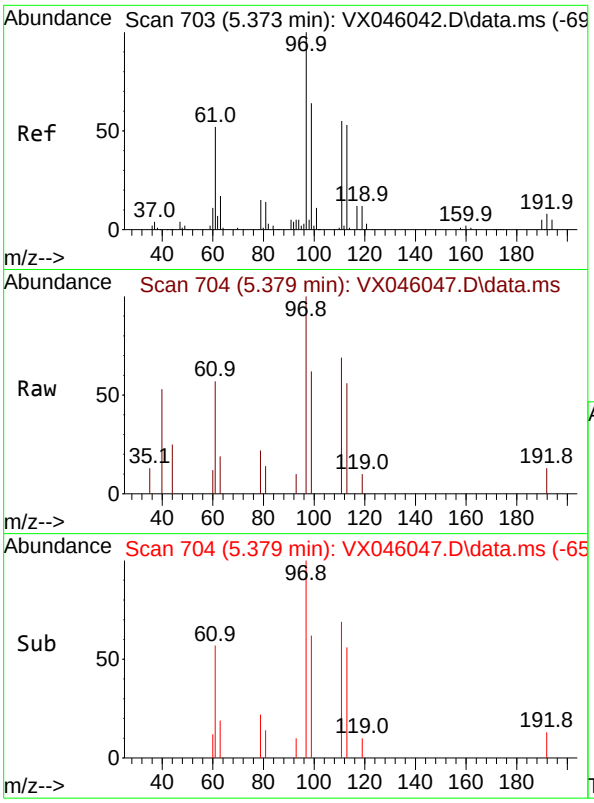


#30
Chloroform
Concen: 0.695 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 2328

Ion	Ratio	Lower	Upper
83	100		
85	60.4	49.3	73.9





#32
1,1,1-Trichloroethane
Concen: 0.647 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

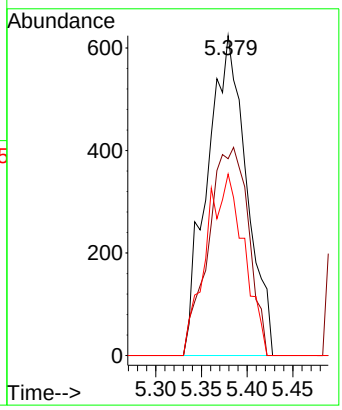
Tgt Ion: 97 Resp: 186

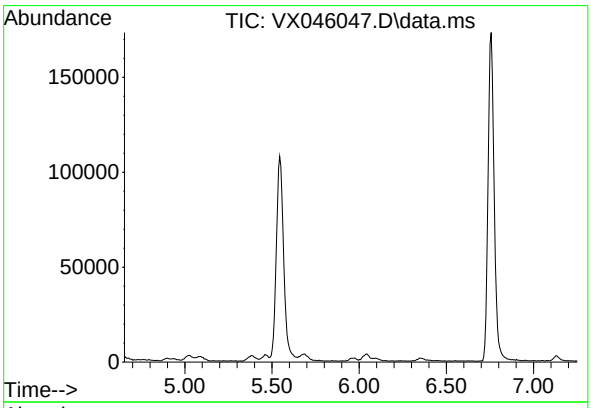
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6
61	55.0	40.1	60.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



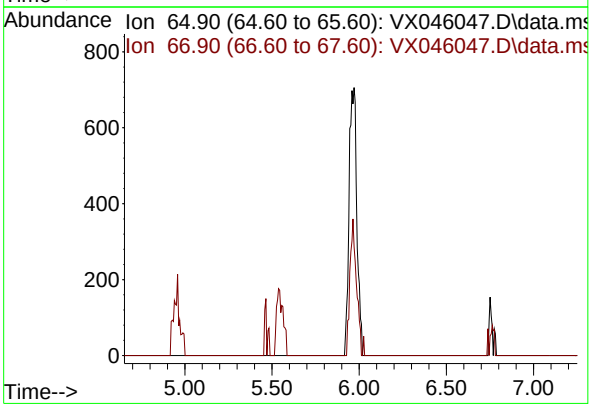


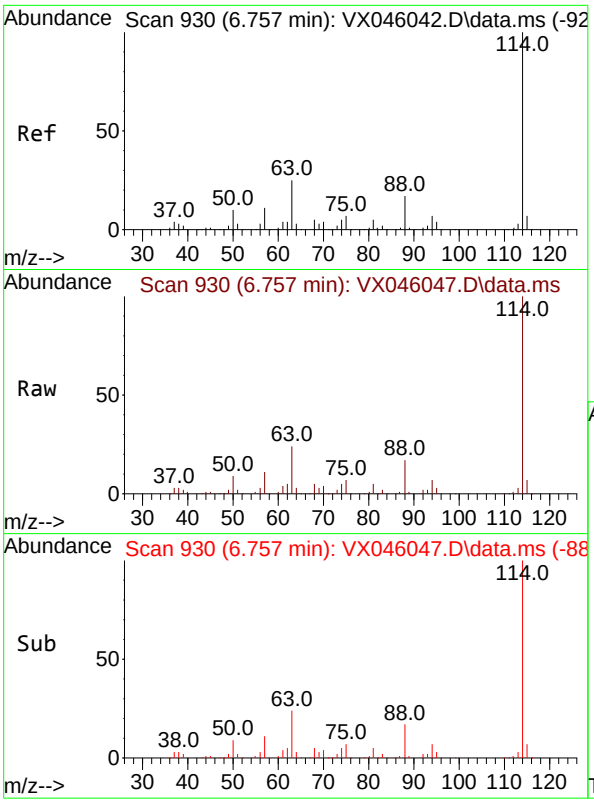
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	49.5

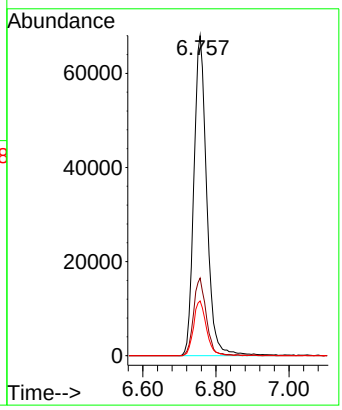




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:114 Resp: 16702

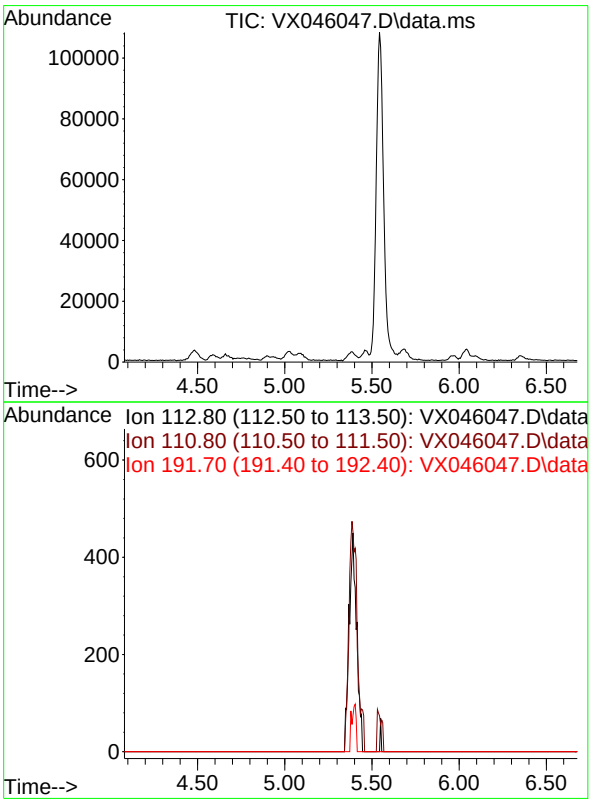
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	49.2
88	17.1	0.0	33.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

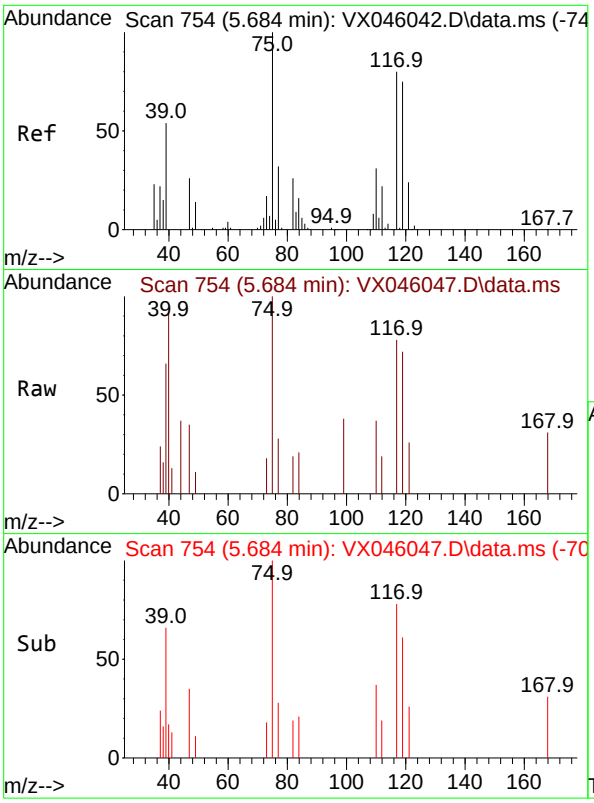


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 113

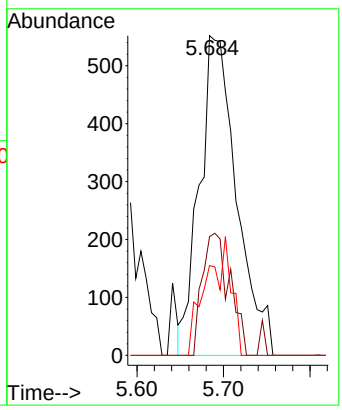
Sig	Exp Ratio
113	100
111	103.9
192	16.6



#36
1,1-Dichloropropene
Concen: 0.758 ug/l
RT: 5.684 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 164

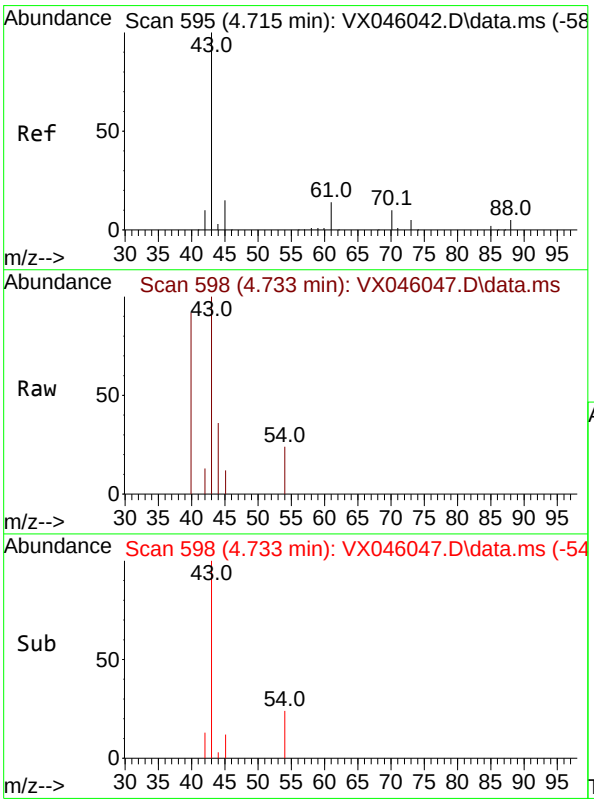
Ion	Ratio	Lower	Upper
75	100		
110	28.2	16.3	48.9
77	15.8	24.3	36.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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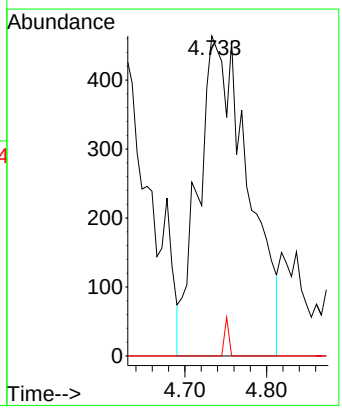
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

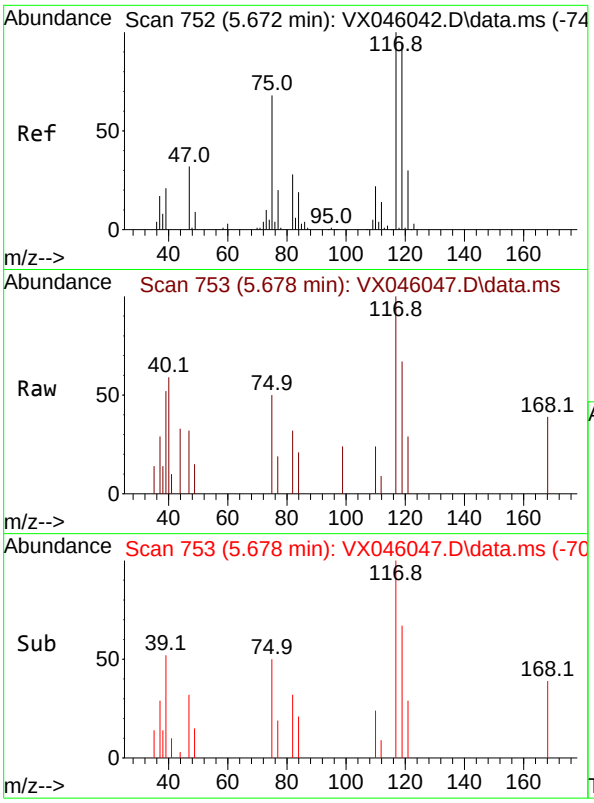


#37
Ethyl Acetate
Concen: 0.717 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 1956

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	1.0	7.9	11.9#

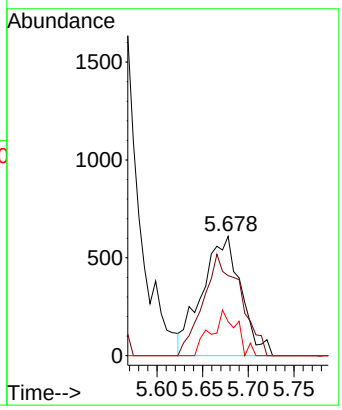




#38
Carbon Tetrachloride
Concen: 0.724 ug/l
RT: 5.678 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:117 Resp: 180

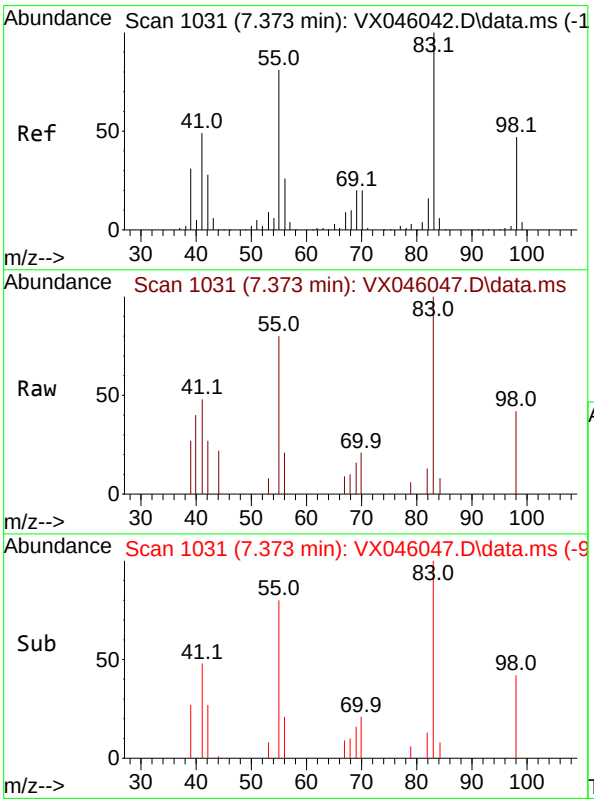
Ion	Ratio	Lower	Upper
117	100		
119	67.0	75.2	112.8
121	28.5	24.2	36.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

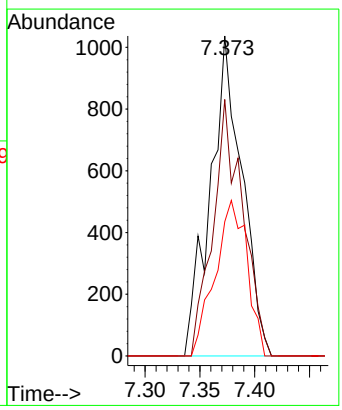
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

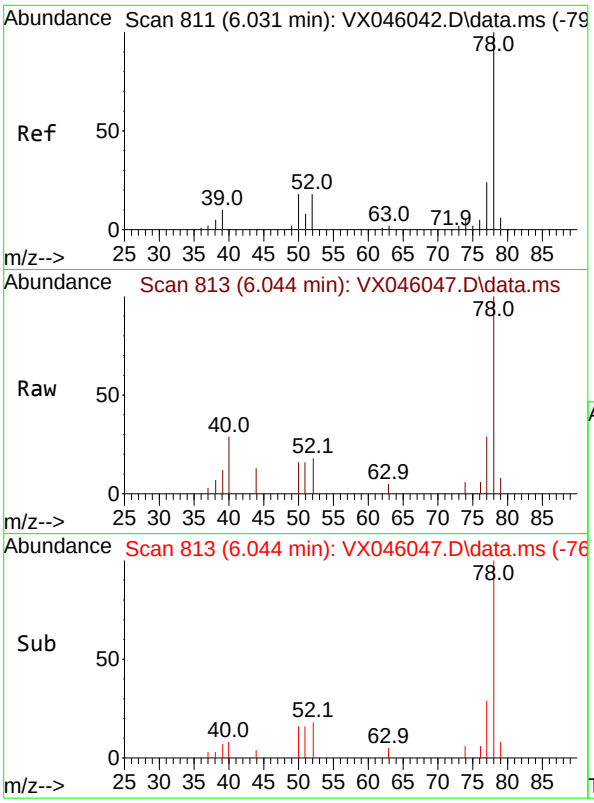


#39
Methylcyclohexane
Concen: 0.770 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 2096

Ion	Ratio	Lower	Upper
83	100		
55	80.1	64.7	97.1
98	41.9	37.4	56.2





#40
Benzene
Concen: 0.668 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

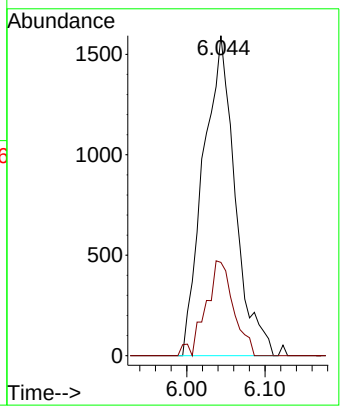
Tgt Ion: 78 Resp: 450

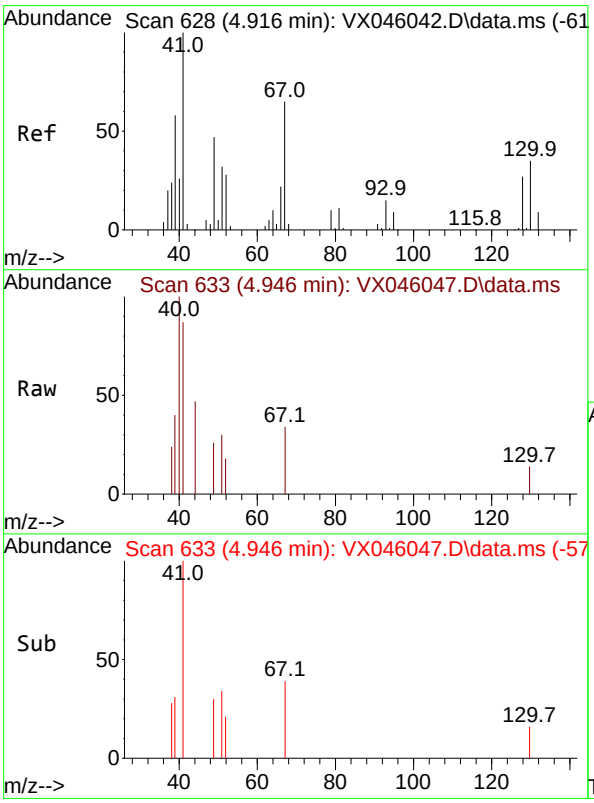
Ion	Ratio	Lower	Upper
78	100		
77	29.1	19.0	28.4#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

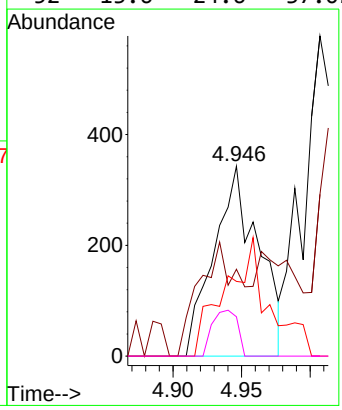


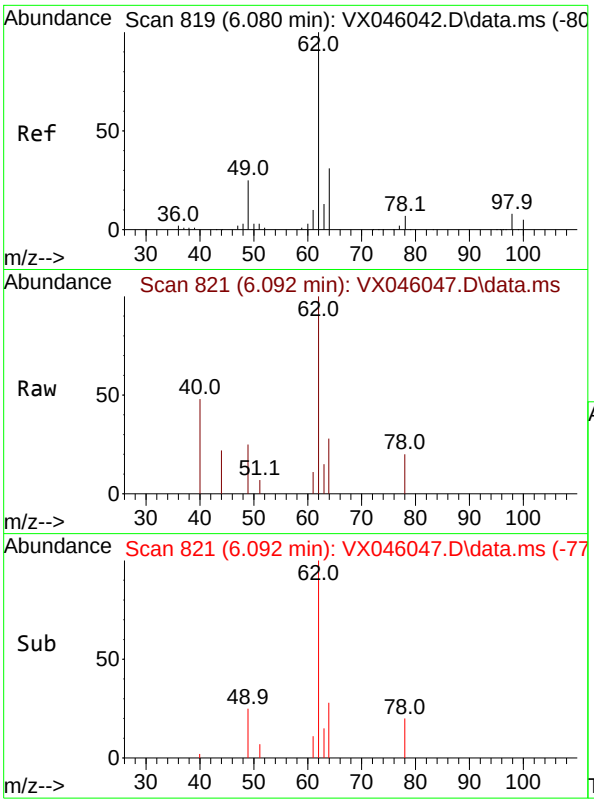


#41
Methacrylonitrile
Concen: 0.513 ug/l
RT: 4.946 min Scan# 633
Delta R.T. 0.030 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 778

Ion	Ratio	Lower	Upper
41	100		
39	51.7	47.2	70.8
67	0.0	50.7	76.1#
52	13.6	24.6	37.0#

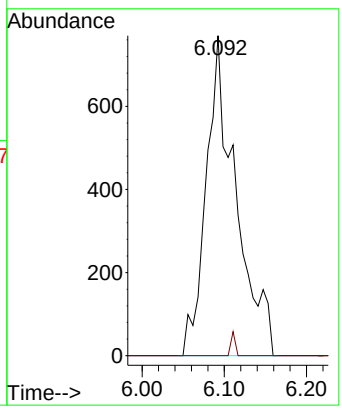




#42
1,2-Dichloroethane
Concen: 0.694 ug/l
RT: 6.092 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 62 Resp: 193

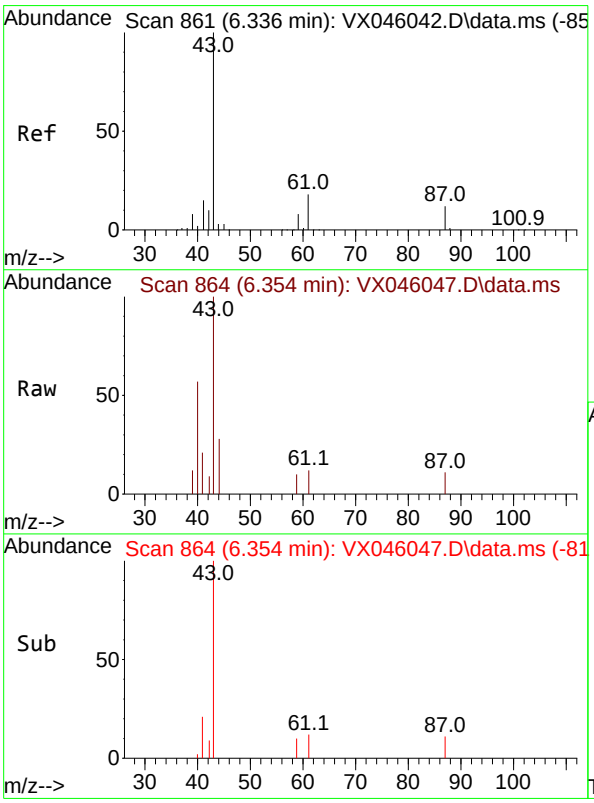
Ion	Ratio	Lower	Upper
62	100		
98	1.1	0.0	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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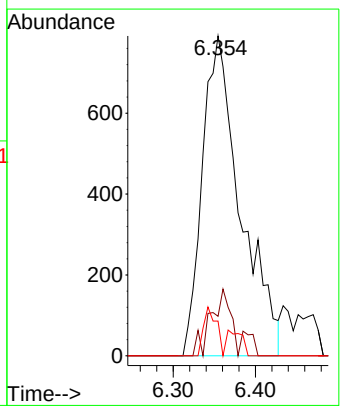
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

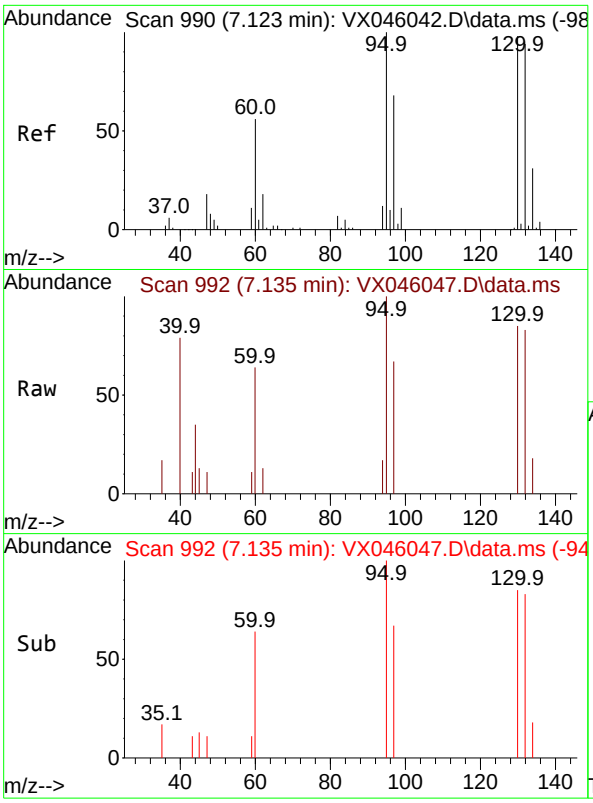


#43
Isopropyl Acetate
Concen: 0.612 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 2553

Ion	Ratio	Lower	Upper
43	100		
61	10.7	14.3	21.5#
87	3.2	9.5	14.3#

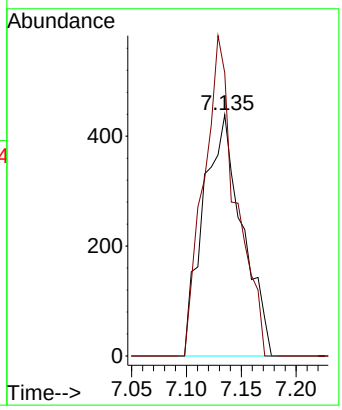




#44
Trichloroethene
Concen: 0.680 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:130 Resp: 108

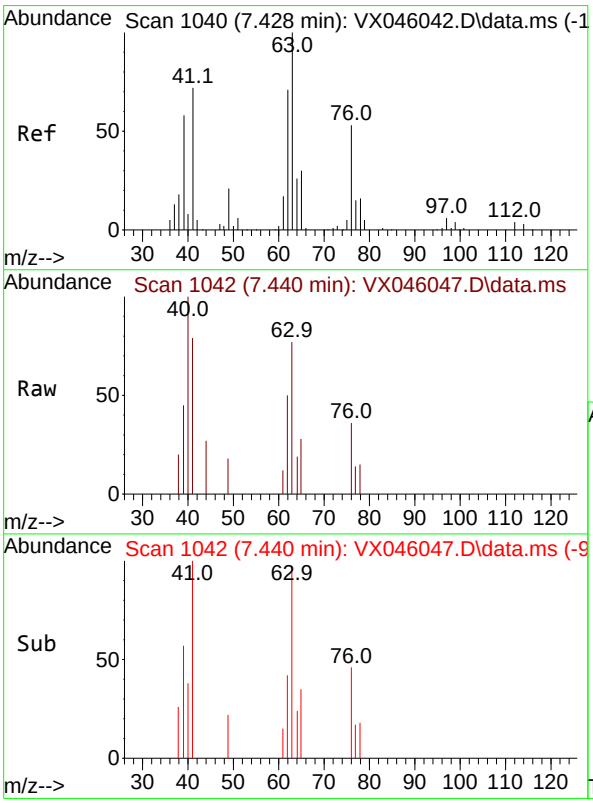
Ion	Ratio	Lower	Upper
130	100		
95	117.3	0.0	204.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

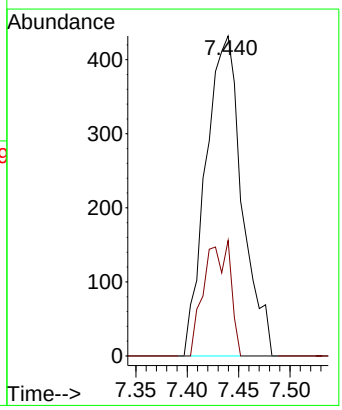
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

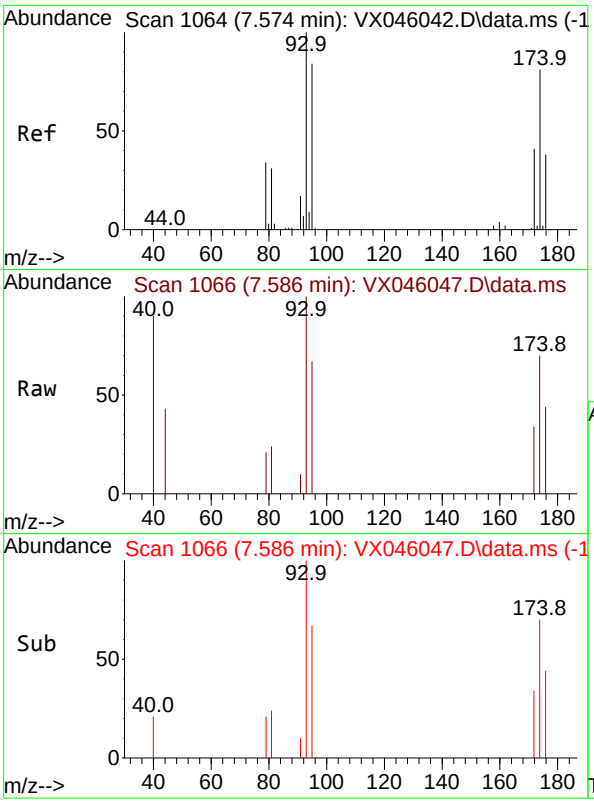


#45
1,2-Dichloropropane
Concen: 0.633 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 63 Resp: 1059

Ion	Ratio	Lower	Upper
63	100		
65	36.1	24.1	36.1

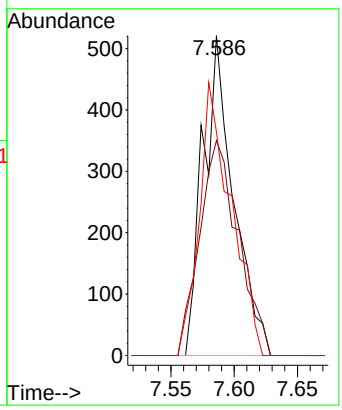




#46
Dibromomethane
Concen: 0.667 ug/l
RT: 7.586 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 93 Resp: 88

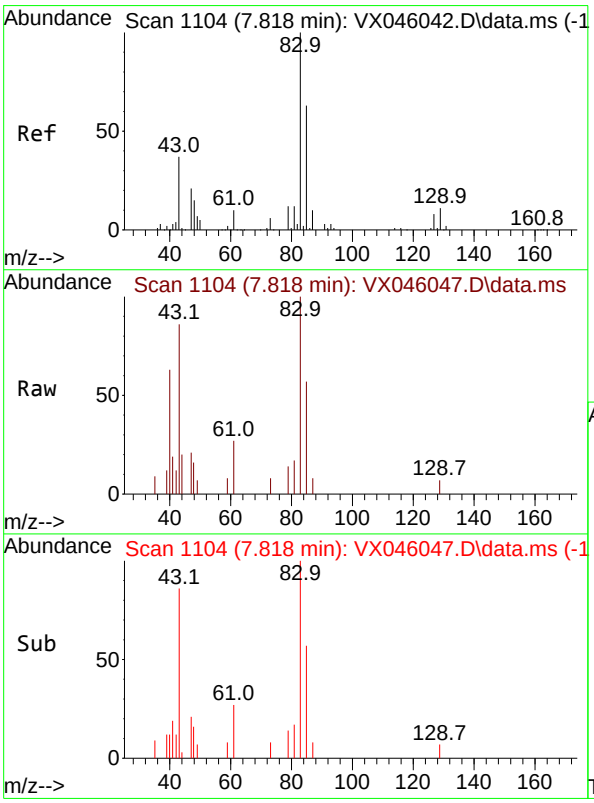
Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.6	98.4
174	88.5	68.2	102.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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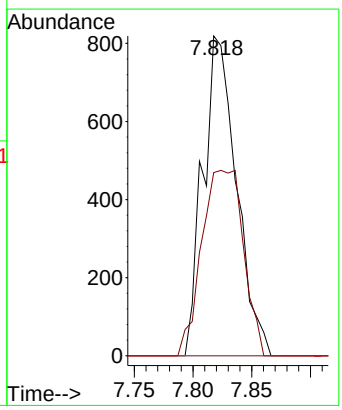
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

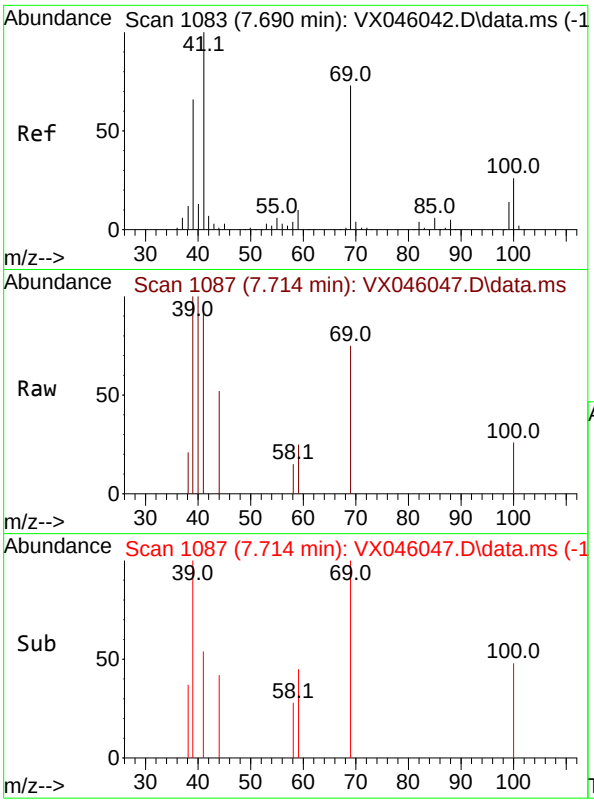


#47
Bromodichloromethane
Concen: 0.633 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 1620

Ion	Ratio	Lower	Upper
83	100		
85	57.3	50.5	75.7
127	0.0	6.5	9.7#

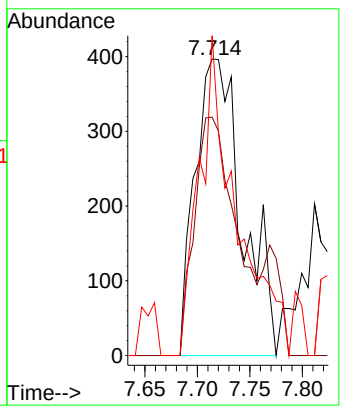




#48
Methyl methacrylate
Concen: 0.577 ug/l m
RT: 7.714 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 123

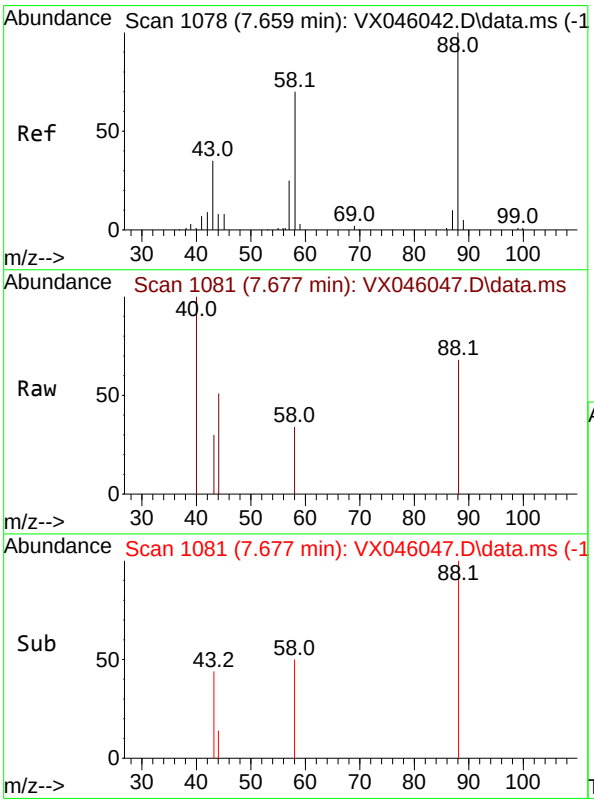
Ion	Ratio	Lower	Upper
41	100		
69	70.6	58.5	87.7
39	84.8	51.7	77.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

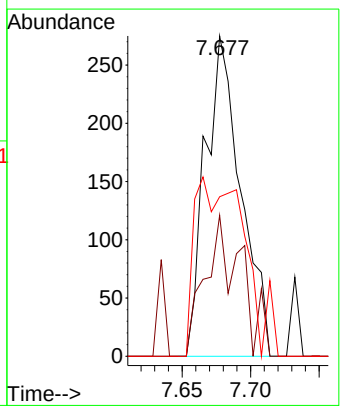
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

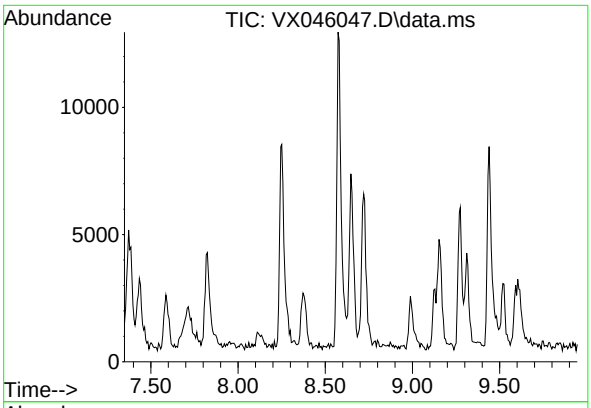


#49
1,4-Dioxane
Concen: 11.703 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 88 Resp: 498

Ion	Ratio	Lower	Upper
88	100		
43	44.4	33.4	50.2
58	30.3	58.6	88.0#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

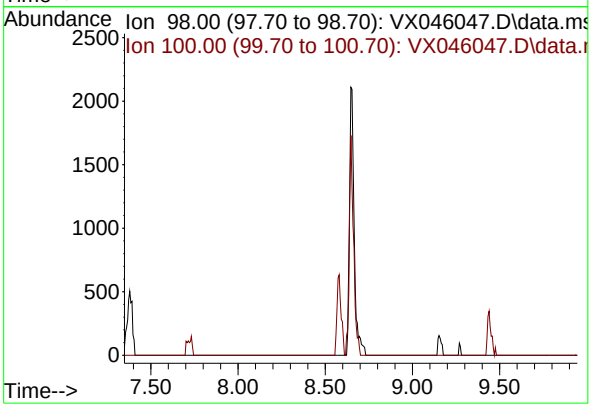
Tgt Ion: 98

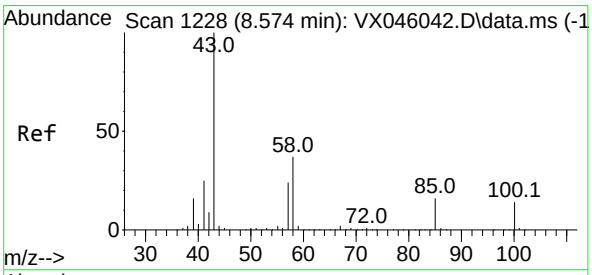
Sig	Exp Ratio
98	100
100	66.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

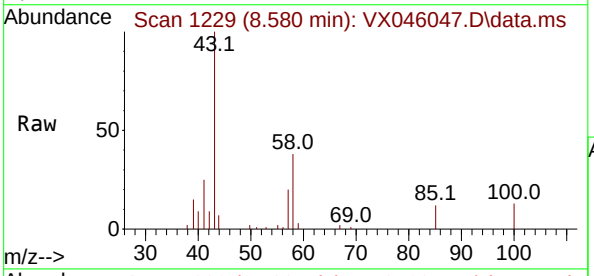


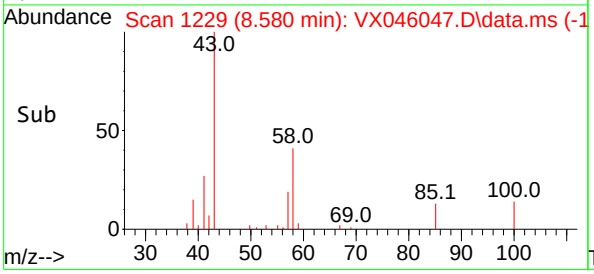


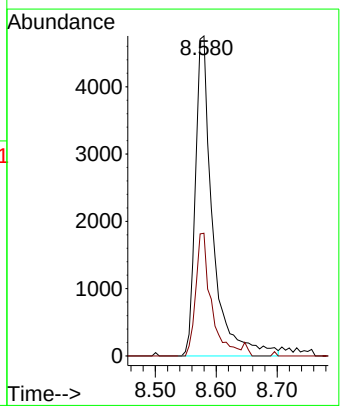
#51
4-Methyl-2-Pentanone
Concen: 3.430 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

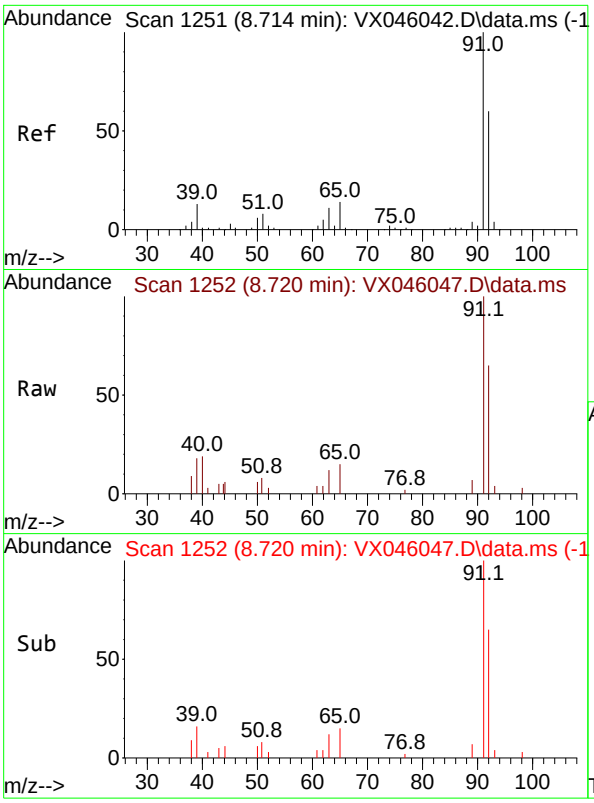
Tgt Ion: 43 Resp: 9378

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.9	43.3









#52
Toluene
Concen: 0.672 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

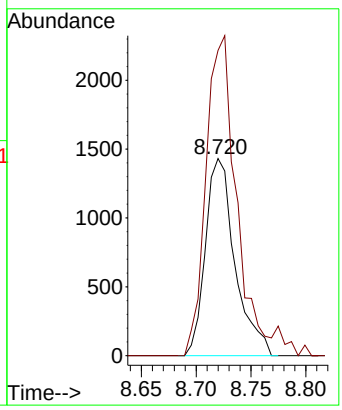
Tgt Ion: 92 Resp: 268

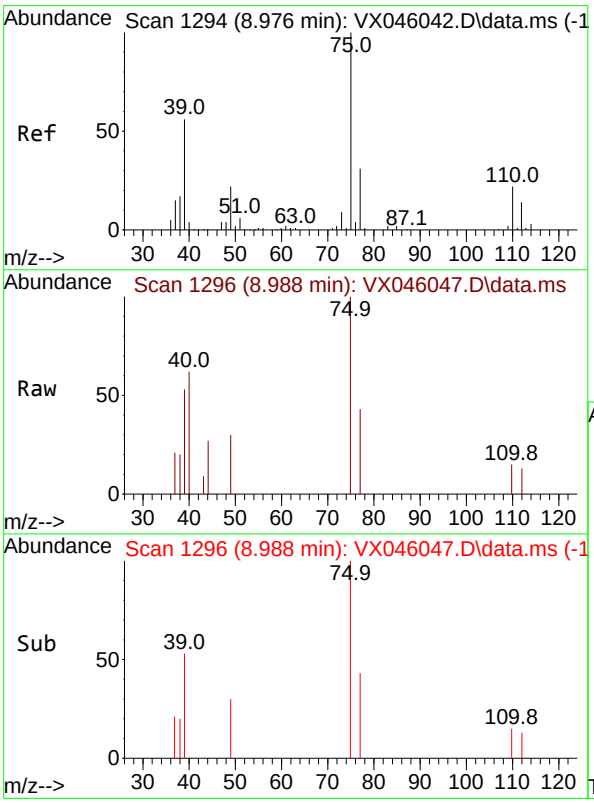
Ion	Ratio	Lower	Upper
92	100		
91	165.7	136.6	205.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

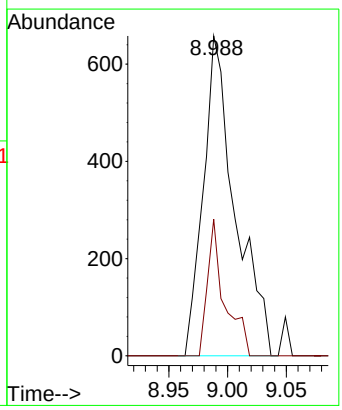


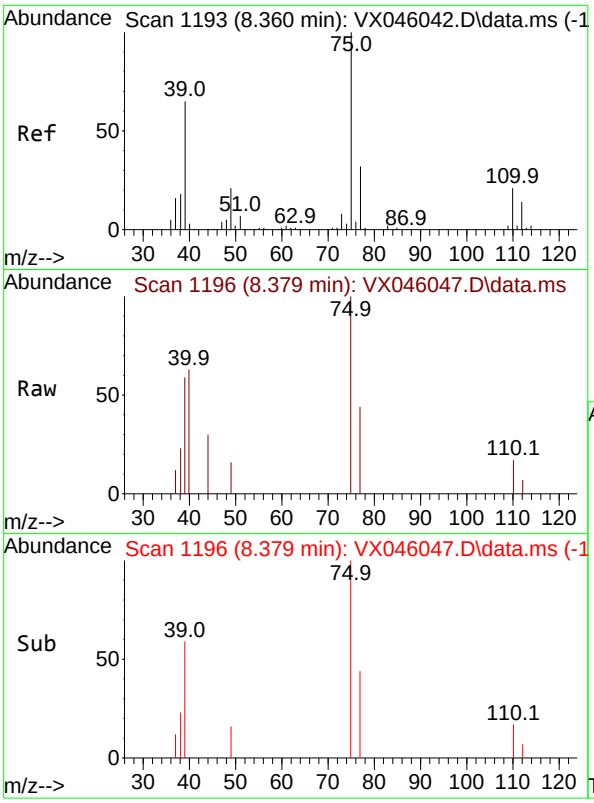


#53
t-1,3-Dichloropropene
Concen: 0.576 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1238

Ion	Ratio	Lower	Upper
75	100		
77	42.7	25.0	37.6#

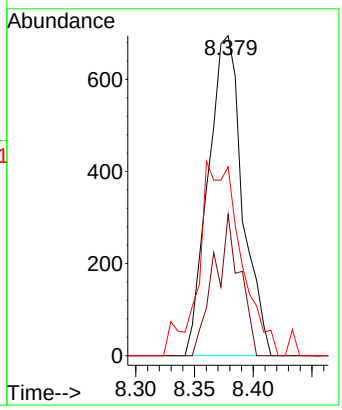




#54
cis-1,3-Dichloropropene
Concen: 0.564 ug/l
RT: 8.379 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 141

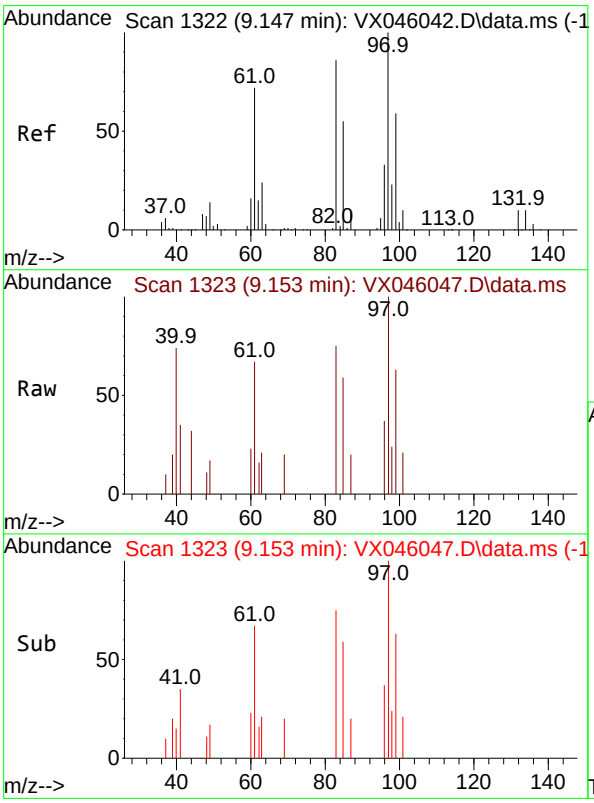
Ion	Ratio	Lower	Upper
75	100		
77	44.2	25.4	38.0
39	59.0	52.2	78.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

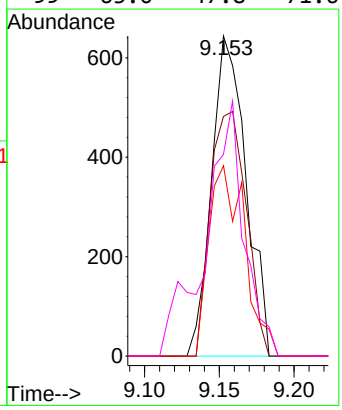
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

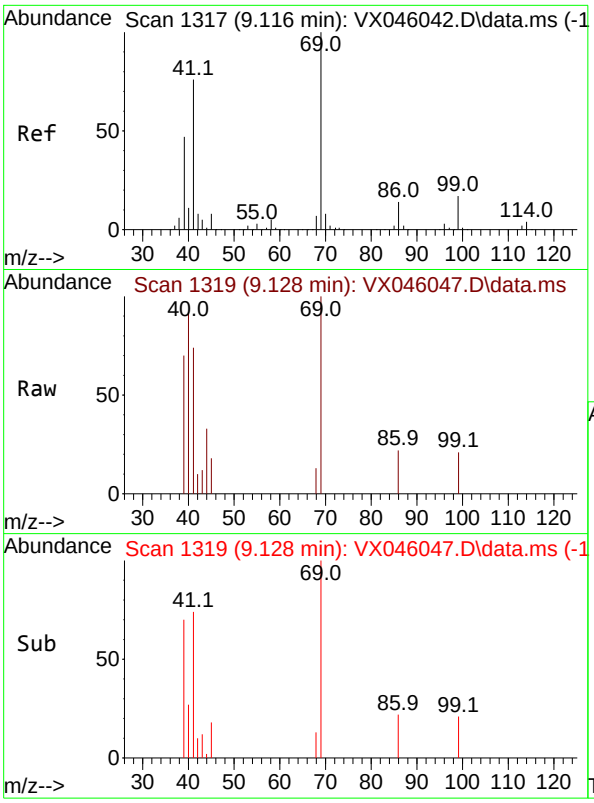


#55
1,1,2-Trichloroethane
Concen: 0.637 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 97 Resp: 1029

Ion	Ratio	Lower	Upper
97	100		
83	74.8	69.0	103.6
85	59.5	44.3	66.5
99	63.0	47.8	71.6

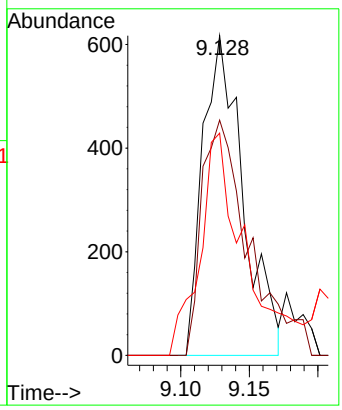




#56
Ethyl methacrylate
Concen: 0.504 ug/l
RT: 9.128 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 69 Resp: 126

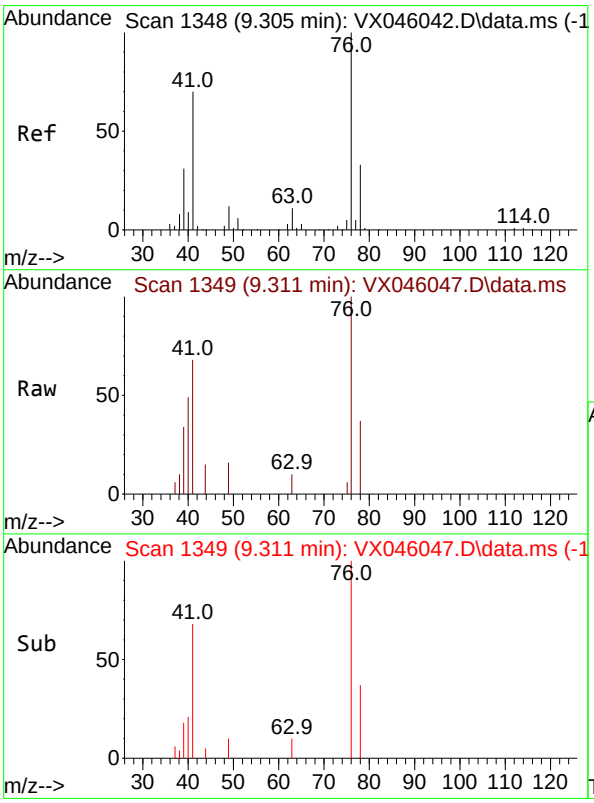
Ion	Ratio	Lower	Upper
69	100		
41	86.6	60.8	91.2
39	78.0	39.0	58.6#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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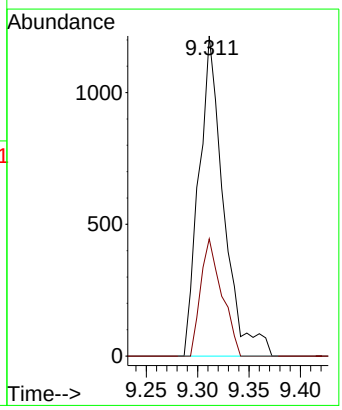
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

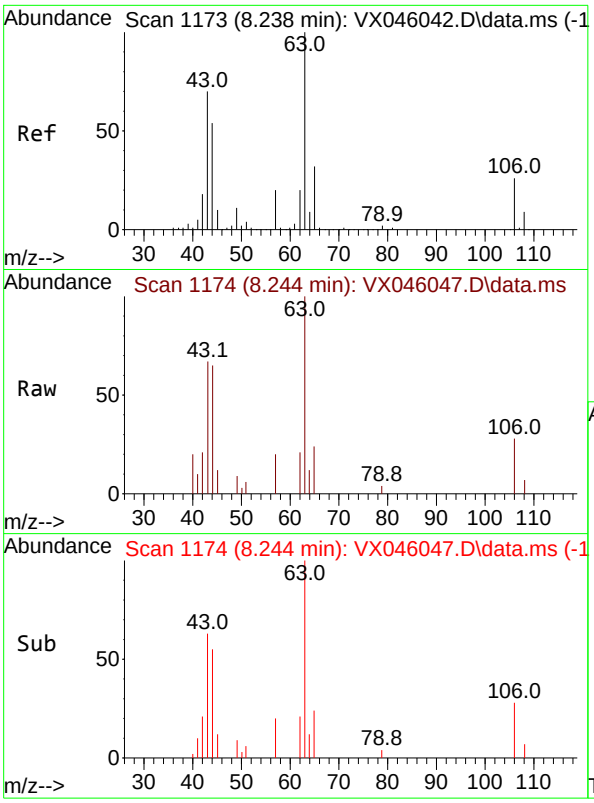


#57
1,3-Dichloropropane
Concen: 0.711 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 76 Resp: 2036

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5





#58
2-Chloroethyl Vinyl ether
Concen: 3.420 ug/l
RT: 8.244 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

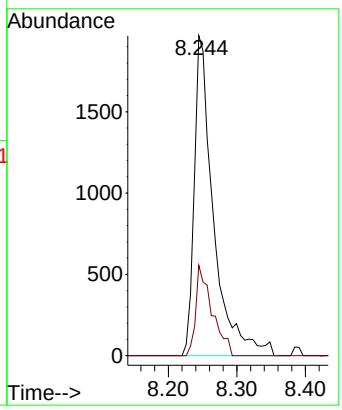
Tgt Ion: 63 Resp: 384

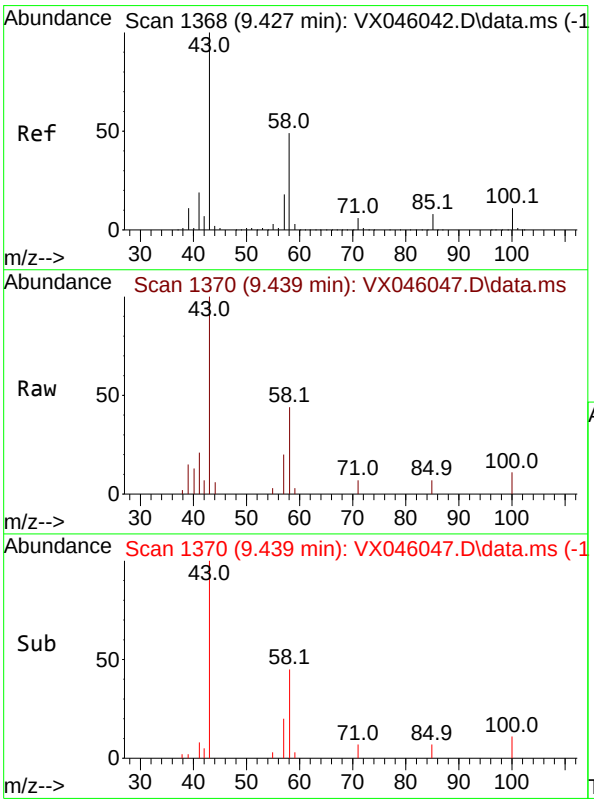
Ion	Ratio	Lower	Upper
63	100		
106	24.0	21.5	32.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

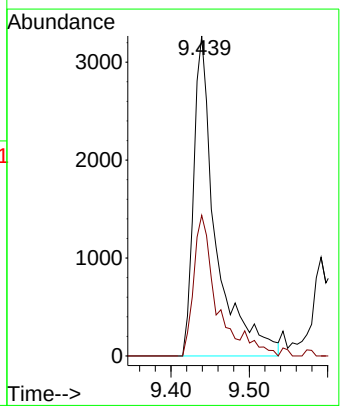


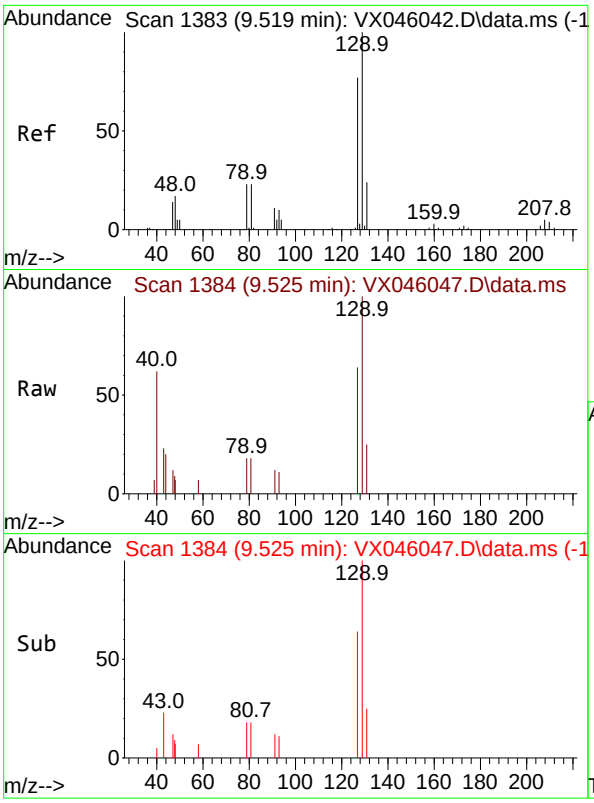


#59
2-Hexanone
Concen: 3.096 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 6424

Ion	Ratio	Lower	Upper
43	100		
58	41.6	24.9	74.6

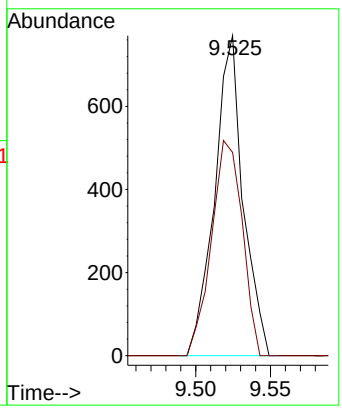




#60
Dibromochloromethane
Concen: 0.582 ug/l
RT: 9.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:129 Resp: 102

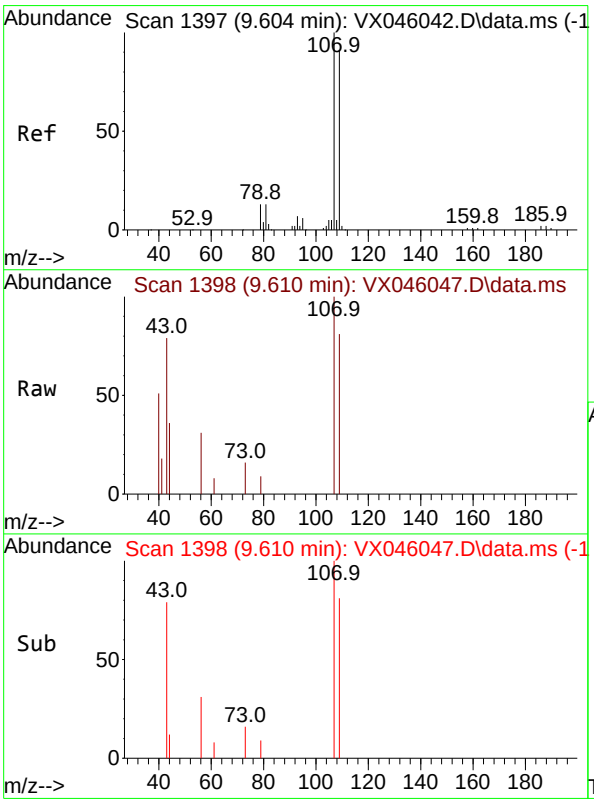
Ion	Ratio	Lower	Upper
129	100		
127	72.5	39.3	117.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

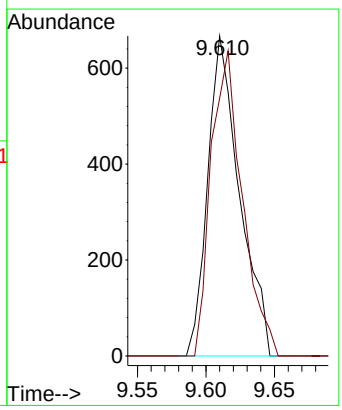
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

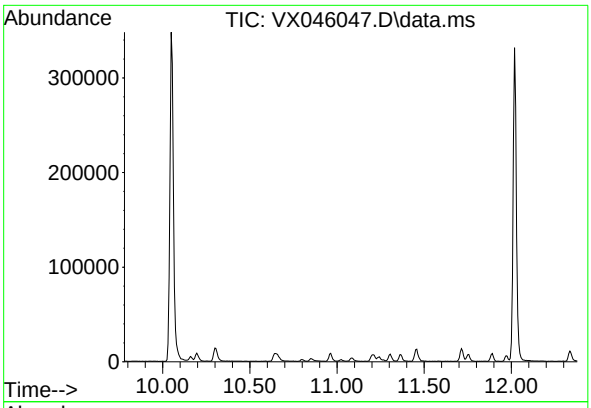


#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:107 Resp: 1077

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.3	109.9





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

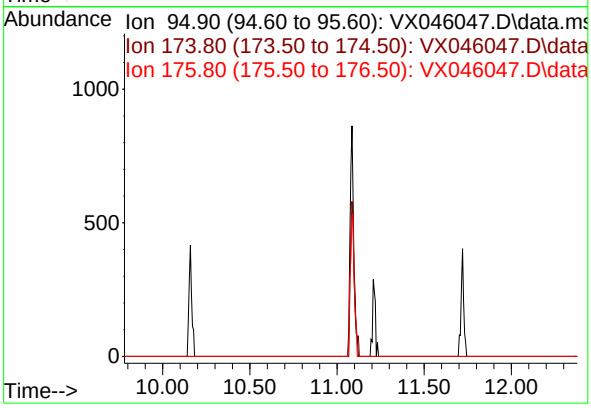
Tgt Ion: 95

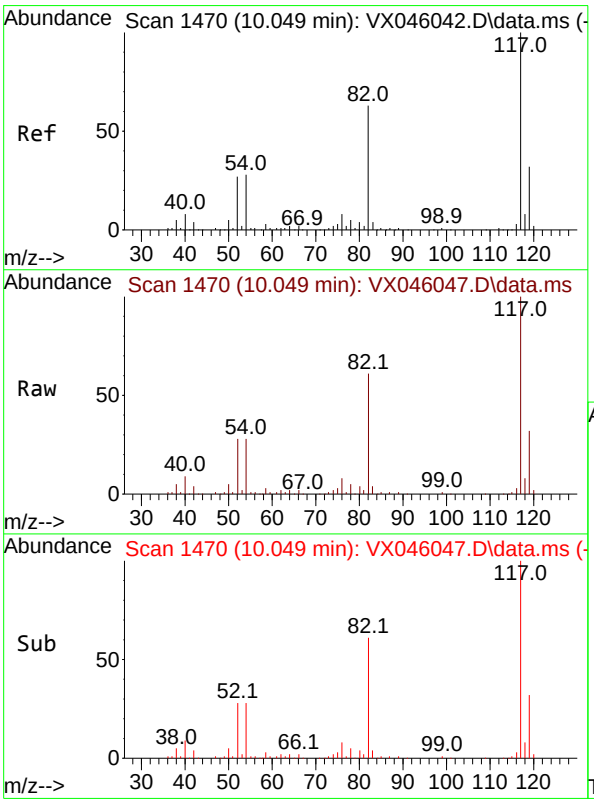
Sig	Exp Ratio
95	100
174	67.9
176	65.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

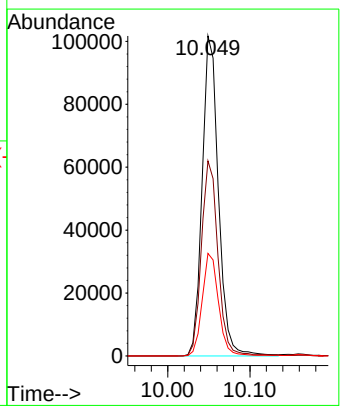


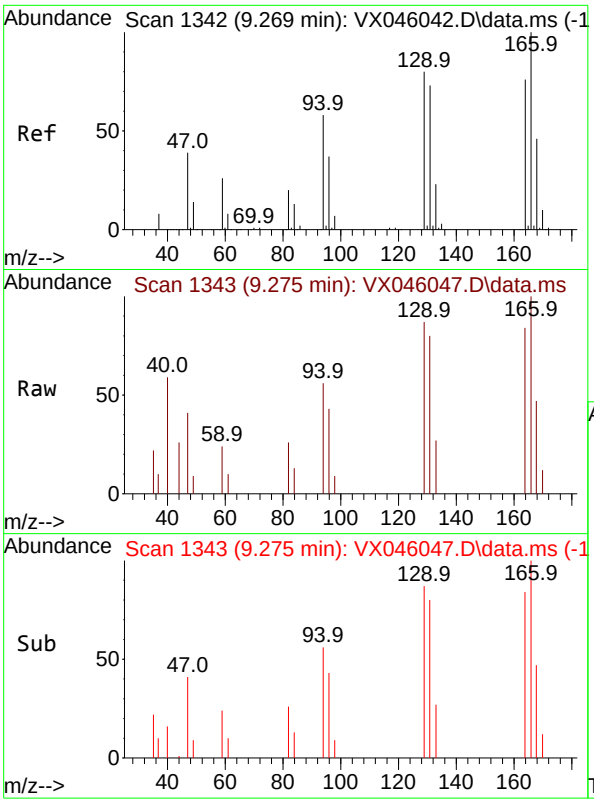


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:117 Resp: 140108

Ion	Ratio	Lower	Upper
117	100		
82	61.0	50.6	76.0
119	32.1	25.8	38.6

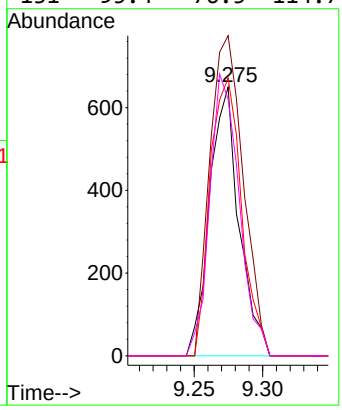




#64
Tetrachloroethene
Concen: 0.679 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:164 Resp: 97

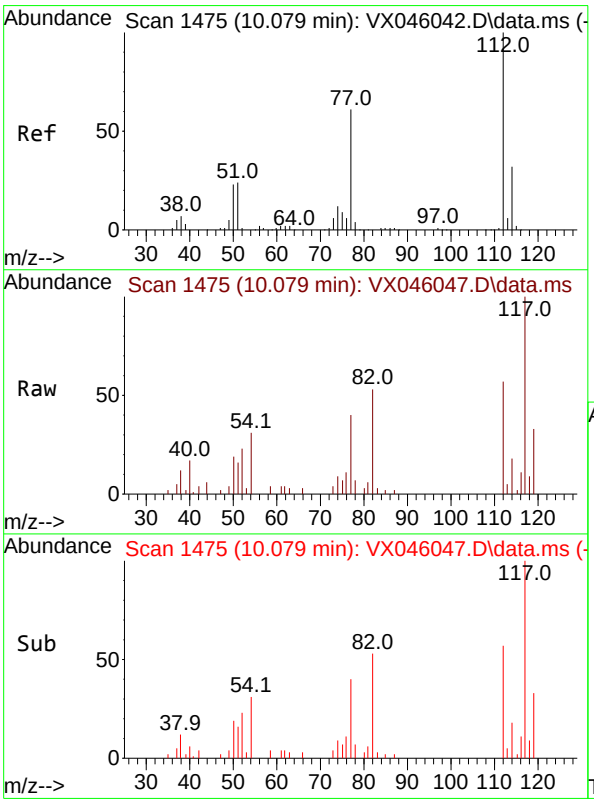
Ion	Ratio	Lower	Upper
164	100		
166	119.1	105.0	157.6
129	103.4	83.5	125.3
131	95.4	76.5	114.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

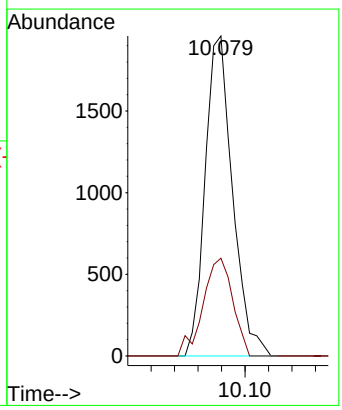
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

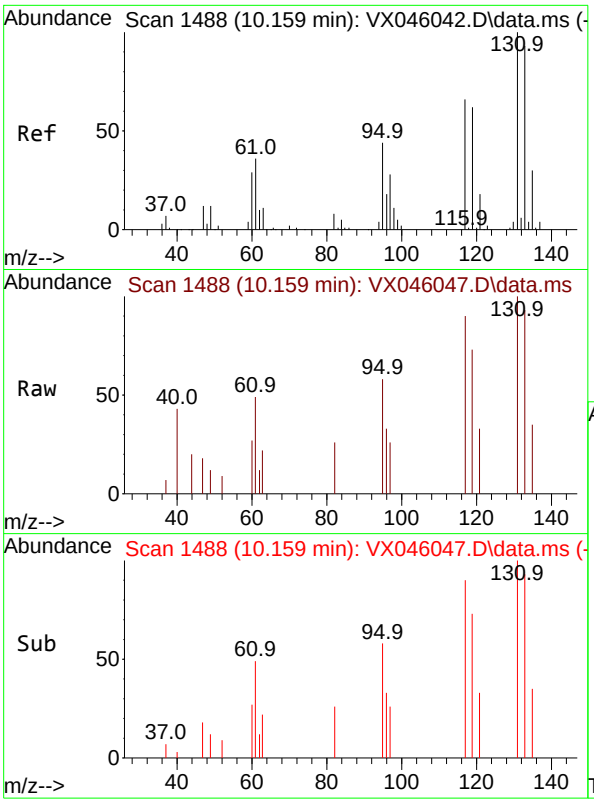


#65
Chlorobenzene
Concen: 0.735 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:112 Resp: 3170

Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.4	38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 0.720 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

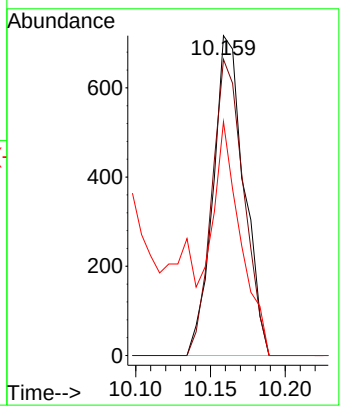
Tgt Ion:131 Resp: 103

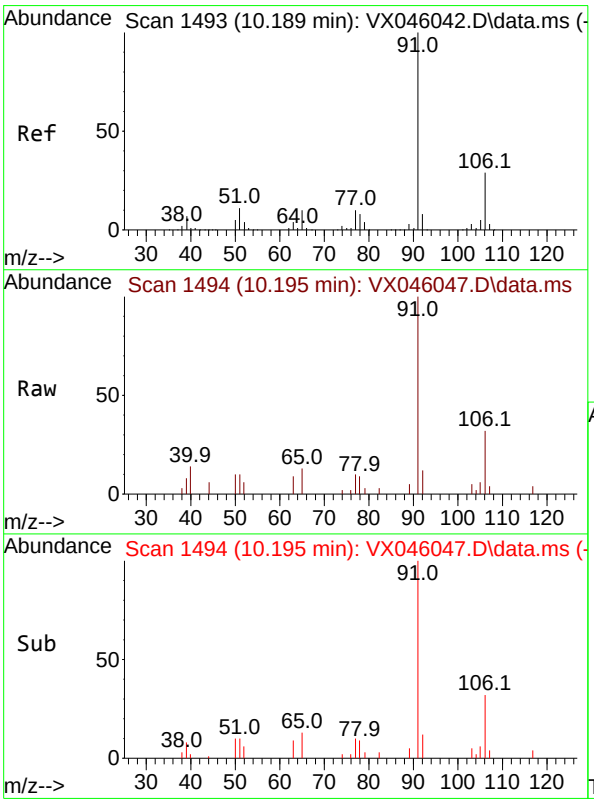
Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	0.0	31.6	95.0#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

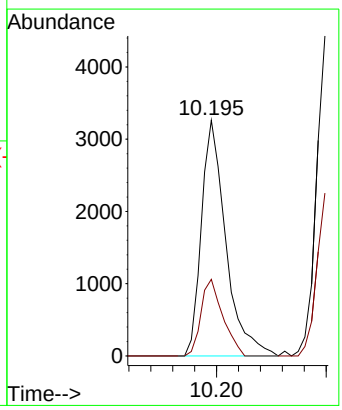


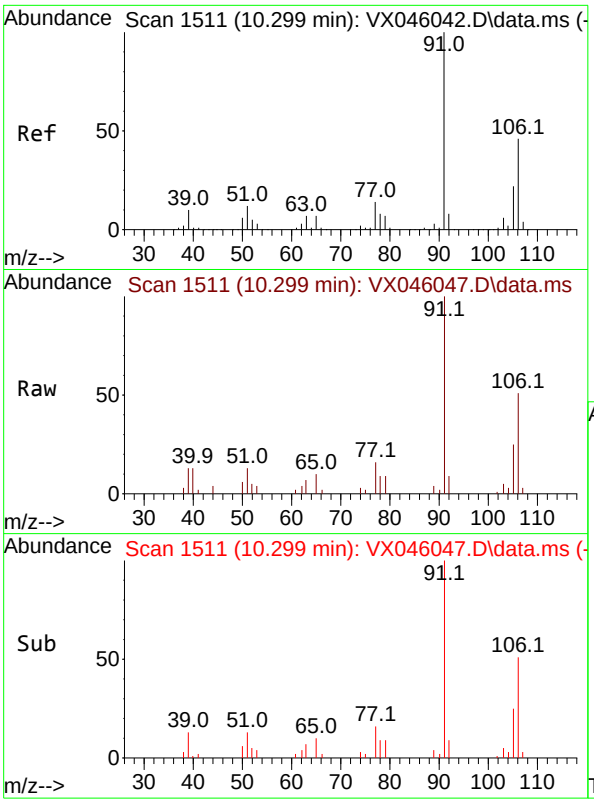


#67
Ethyl Benzene
Concen: 0.687 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 5052

Ion	Ratio	Lower	Upper
91	100		
106	32.5	23.4	35.2

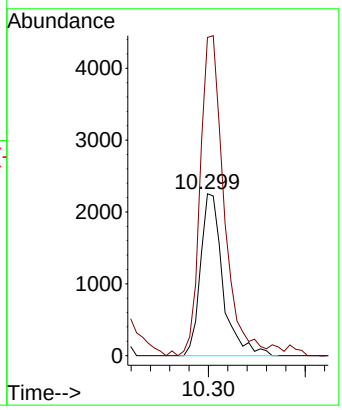




#68
m/p-Xylenes
Concen: 1.367 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:106 Resp: 363

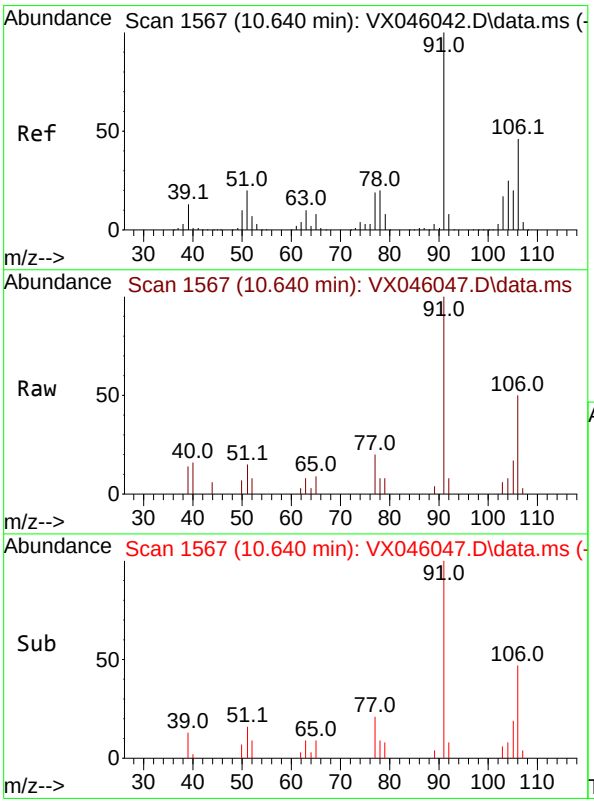
Ion	Ratio	Lower	Upper
106	100		
91	209.8	171.2	256.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

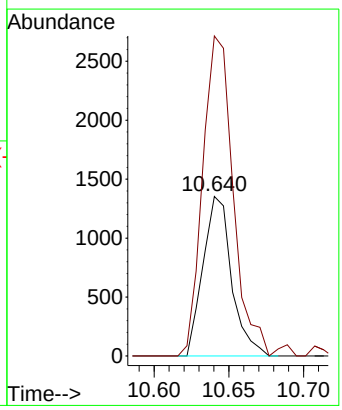
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

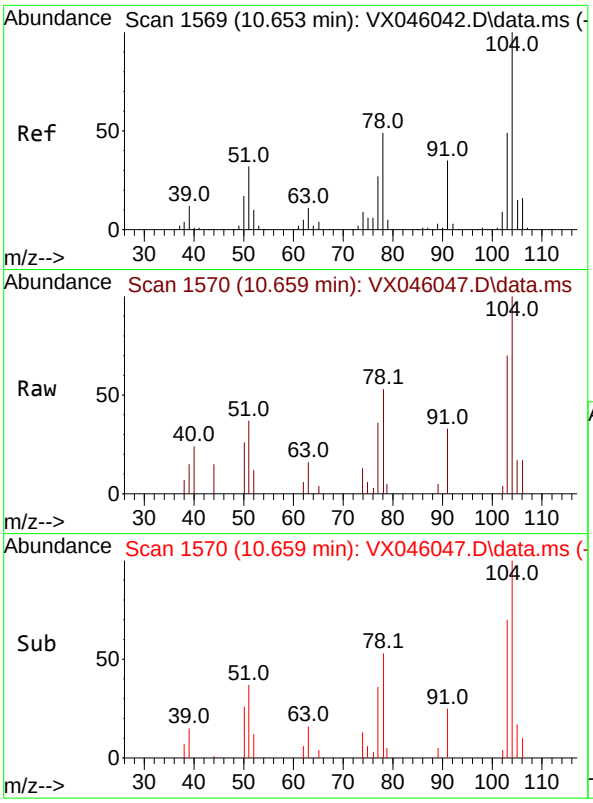


#69
o-Xylene
Concen: 0.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:106 Resp: 1799

Ion	Ratio	Lower	Upper
106	100		
91	214.9	112.7	338.1

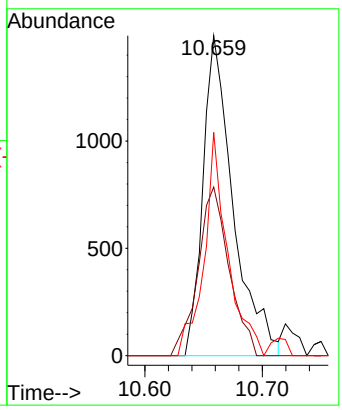




#70
Styrene
Concen: 0.622 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:104 Resp: 266

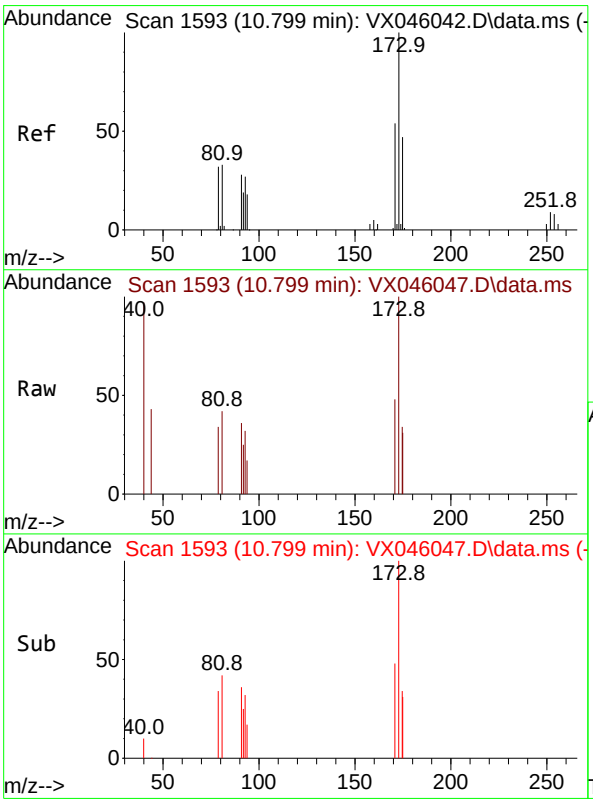
Ion	Ratio	Lower	Upper
104	100		
78	54.3	45.7	68.5
103	53.9	43.7	65.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

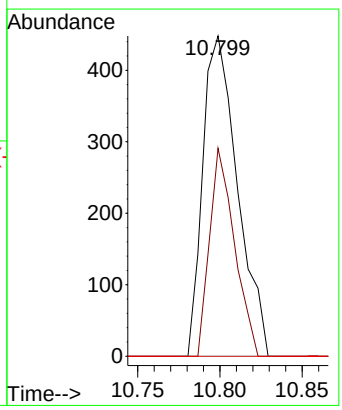
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

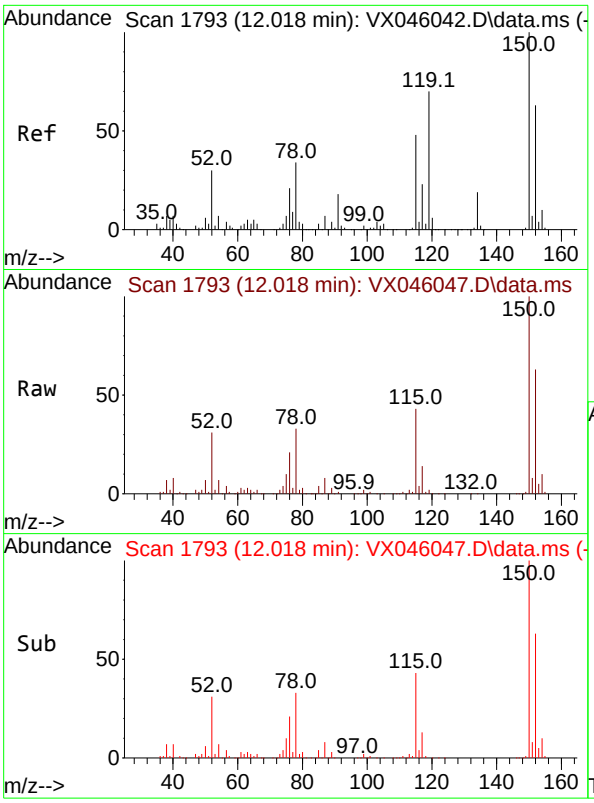


#71
Bromoform
Concen: 0.608 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:173 Resp: 657

Ion	Ratio	Lower	Upper
173	100		
175	46.6	23.4	70.0
254	0.0	0.0	0.0

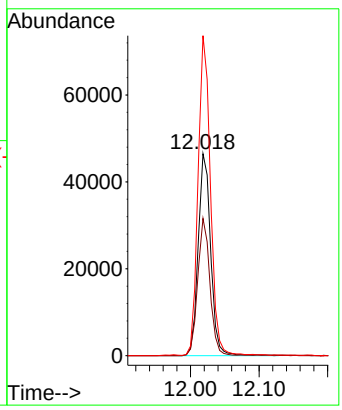




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:152 Resp: 5912

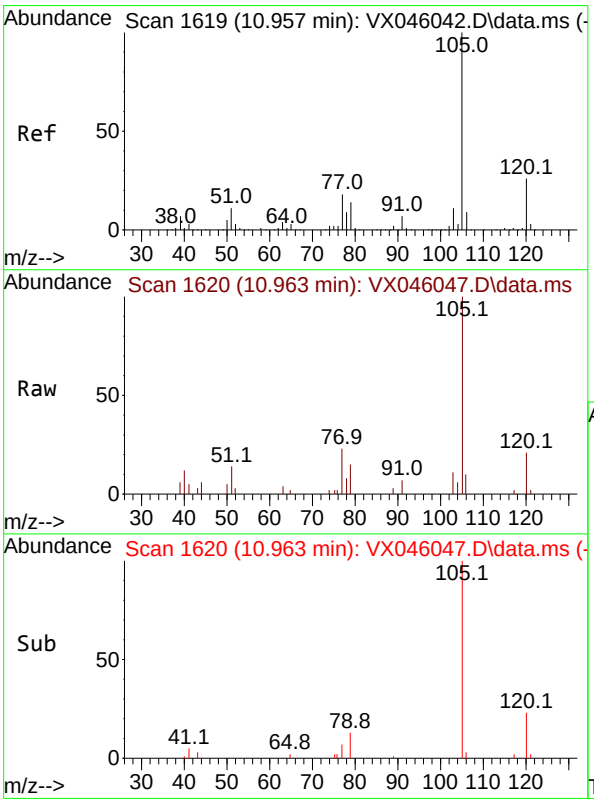
Ion	Ratio	Lower	Upper
152	100		
115	66.6	46.9	140.7
150	156.3	0.0	351.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

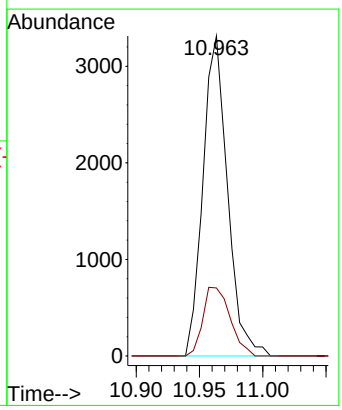
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

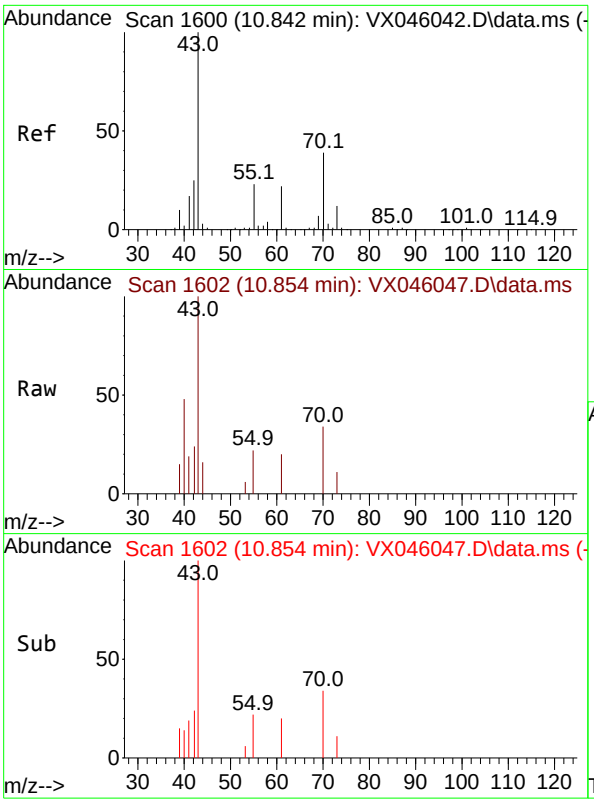


#73
Isopropylbenzene
Concen: 0.695 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:105 Resp: 4480

Ion	Ratio	Lower	Upper
105	100		
120	23.7	12.8	38.4

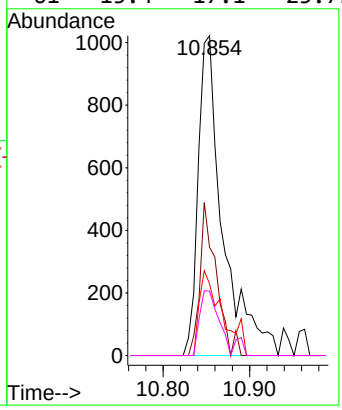




#74
N-amyl acetate
Concen: 0.631 ug/l
RT: 10.854 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 202

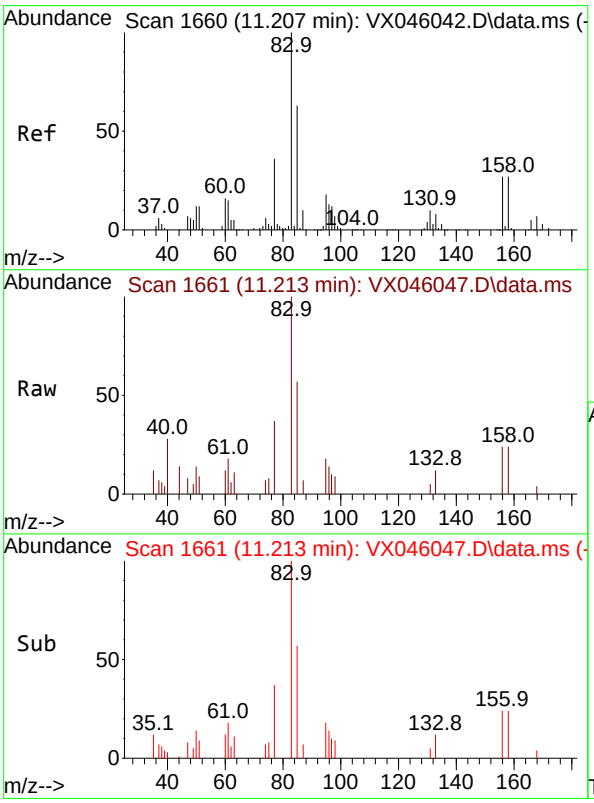
Ion	Ratio	Lower	Upper
43	100		
70	31.5	30.9	46.3
55	24.5	18.7	28.1
61	15.4	17.1	25.7#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

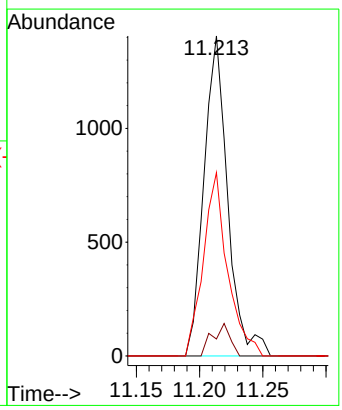
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

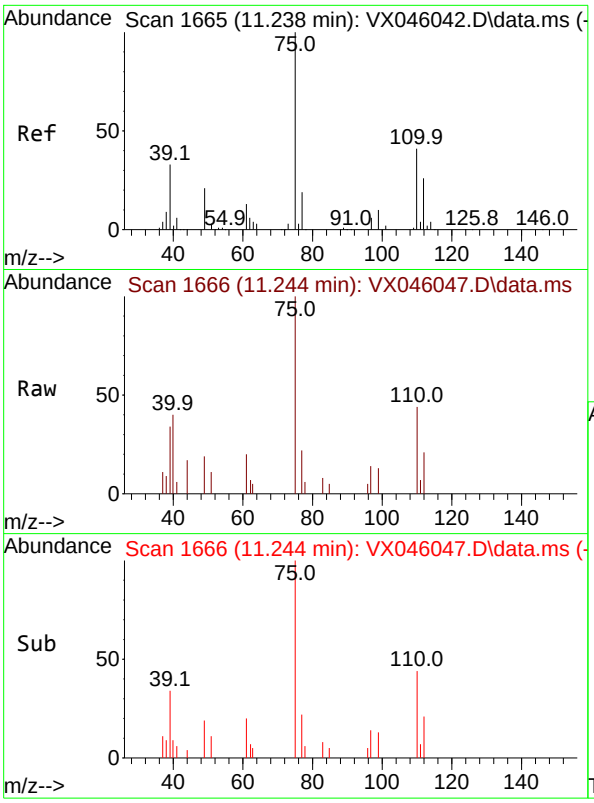


#75
1,1,2,2-Tetrachloroethane
Concen: 0.800 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 1835

Ion	Ratio	Lower	Upper
83	100		
131	7.5	5.0	14.9
85	58.7	31.9	95.7

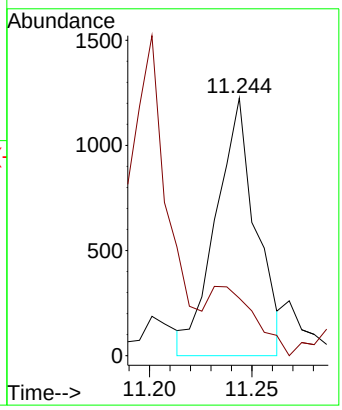




#76
1,2,3-Trichloropropane
Concen: 0.674 ug/l m
RT: 11.244 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 166

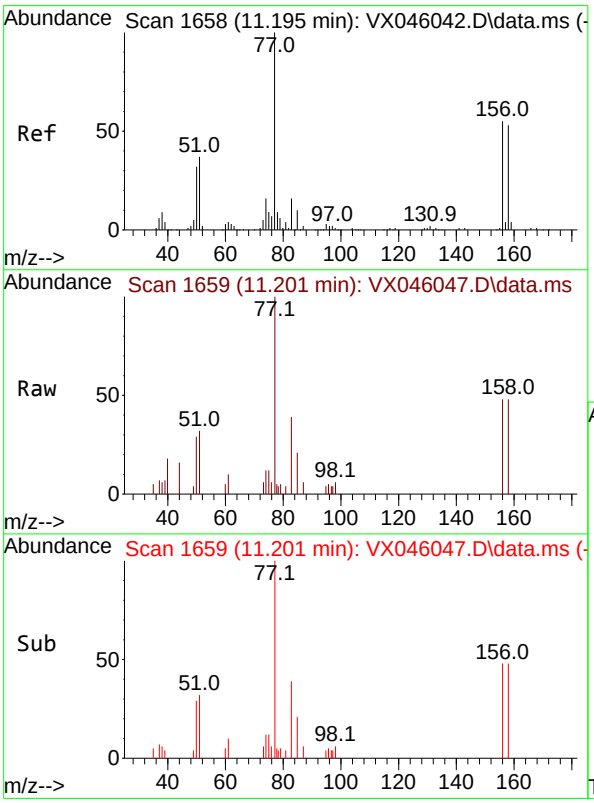
Ion	Ratio	Lower	Upper
75	100		
77	29.7	20.5	61.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

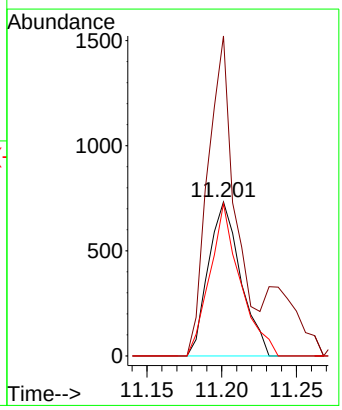
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

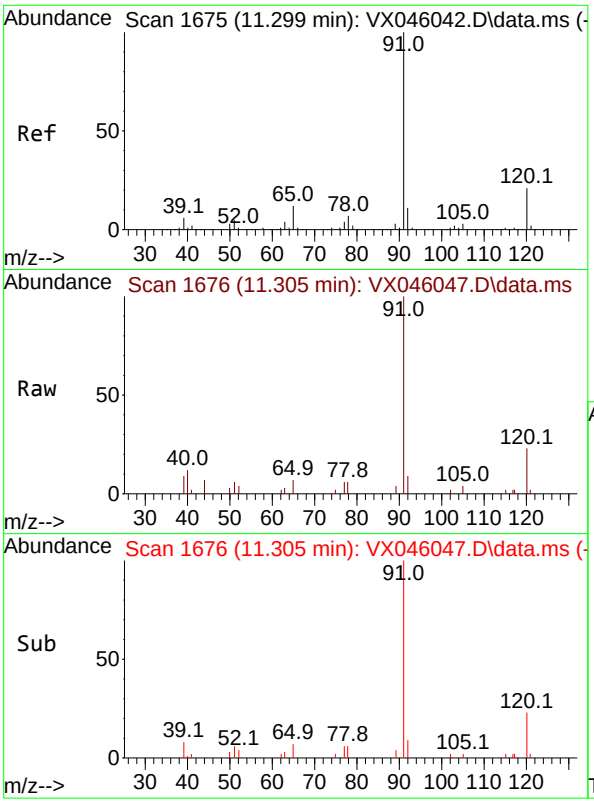


#77
Bromobenzene
Concen: 0.734 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:156 Resp: 1095

Ion	Ratio	Lower	Upper
156	100		
77	179.5	92.8	278.3
158	93.5	48.8	146.3

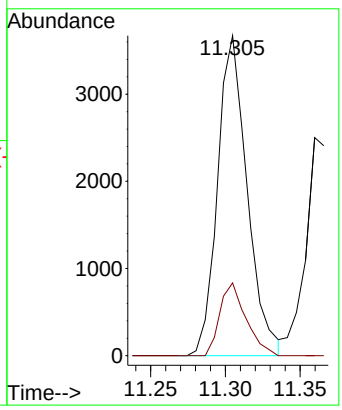




#78
n-propylbenzene
Concen: 0.699 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 505

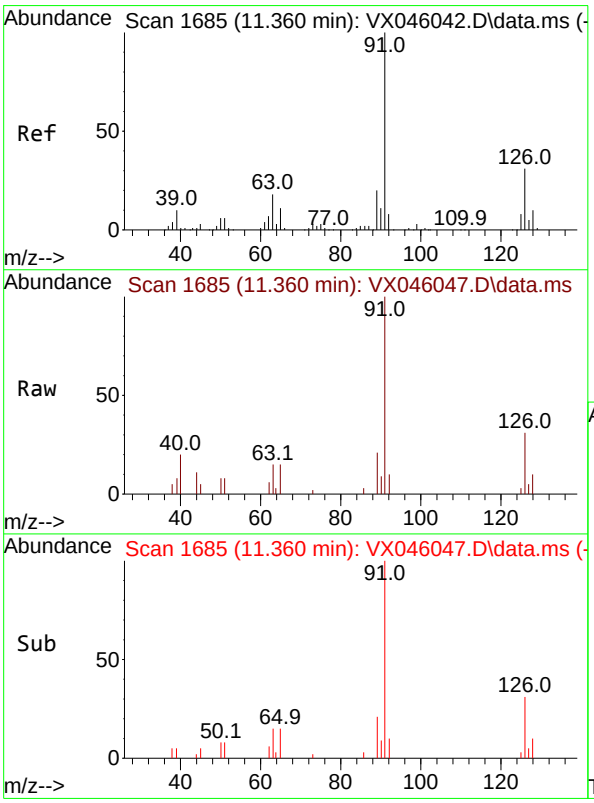
Ion	Ratio	Lower	Upper
91	100		
120	20.1	10.8	32.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

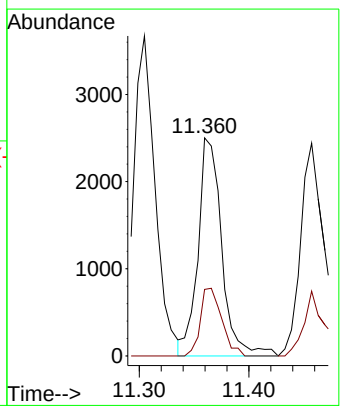
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

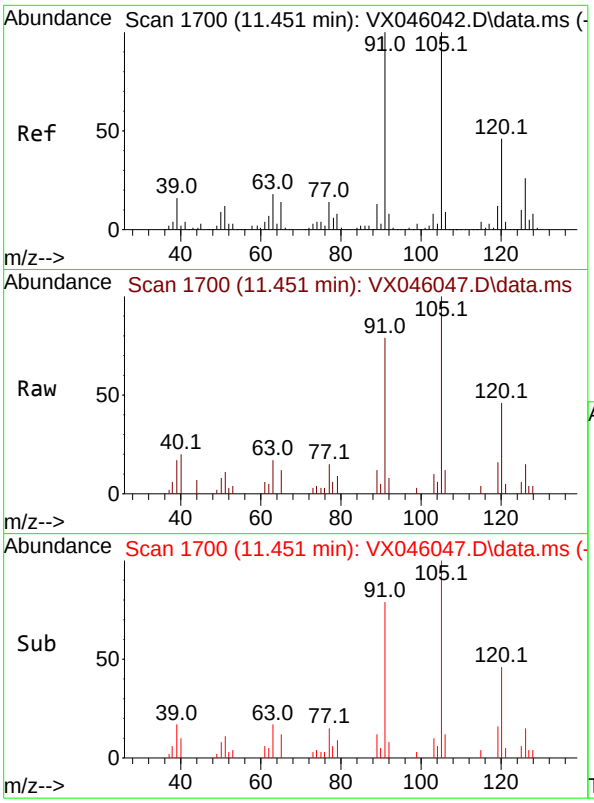


#79
2-Chlorotoluene
Concen: 0.773 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 3765

Ion	Ratio	Lower	Upper
91	100		
126	28.0	15.6	46.7





#80
1,3,5-Trimethylbenzene
Concen: 0.671 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

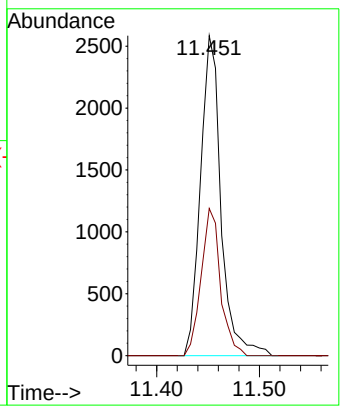
Tgt Ion:105 Resp: 359

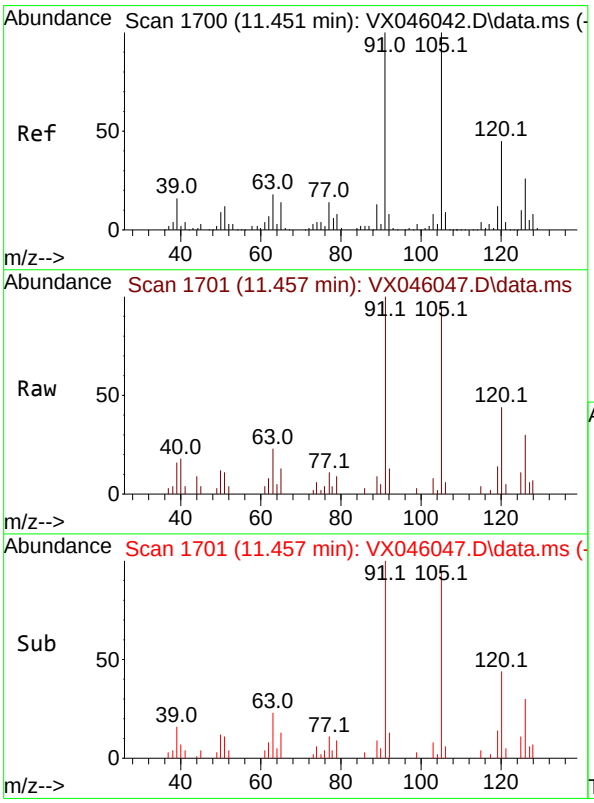
Ion	Ratio	Lower	Upper
105	100		
120	43.4	23.1	69.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

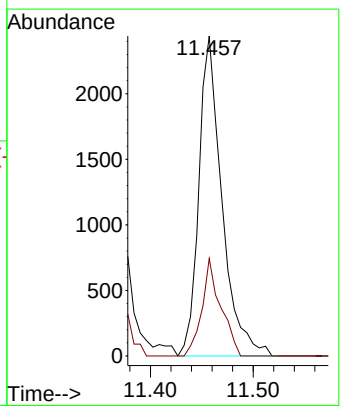


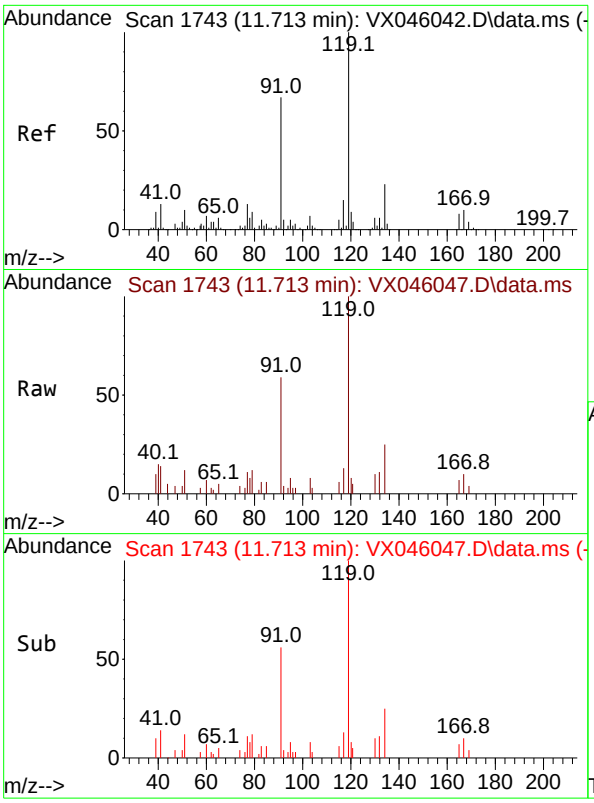


#82
4-Chlorotoluene
Concen: 0.713 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 3815

Ion	Ratio	Lower	Upper
91	100		
126	24.8	13.3	39.8

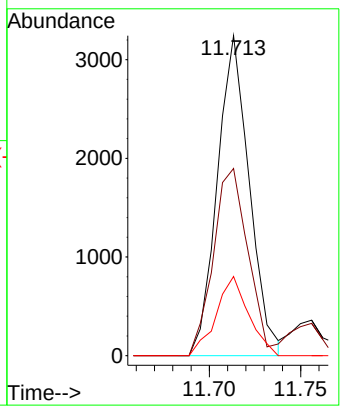




#83
tert-Butylbenzene
Concen: 0.751 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:119 Resp: 395

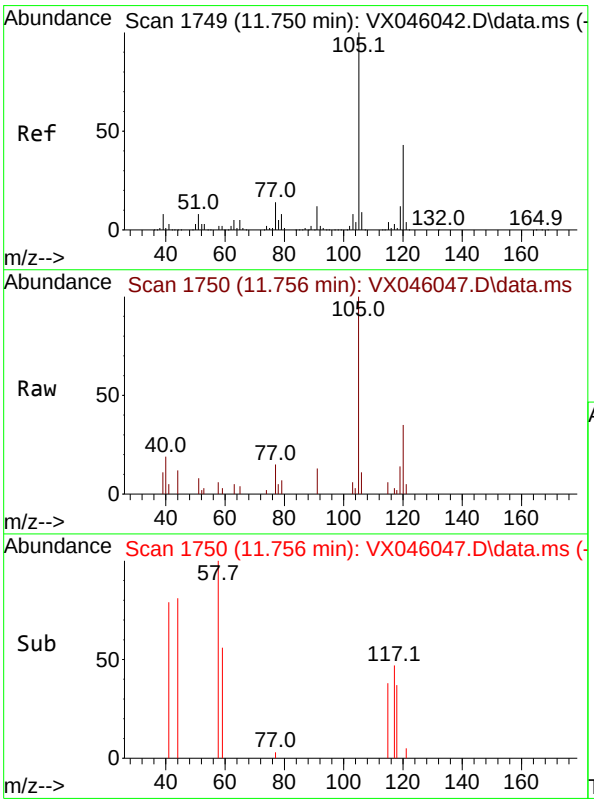
Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.9	98.7
134	25.2	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

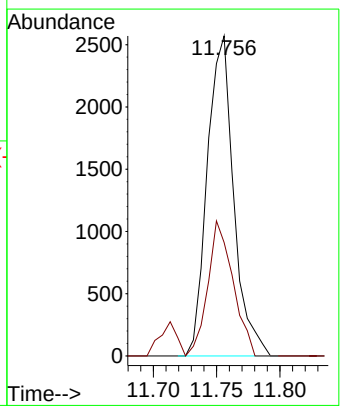
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

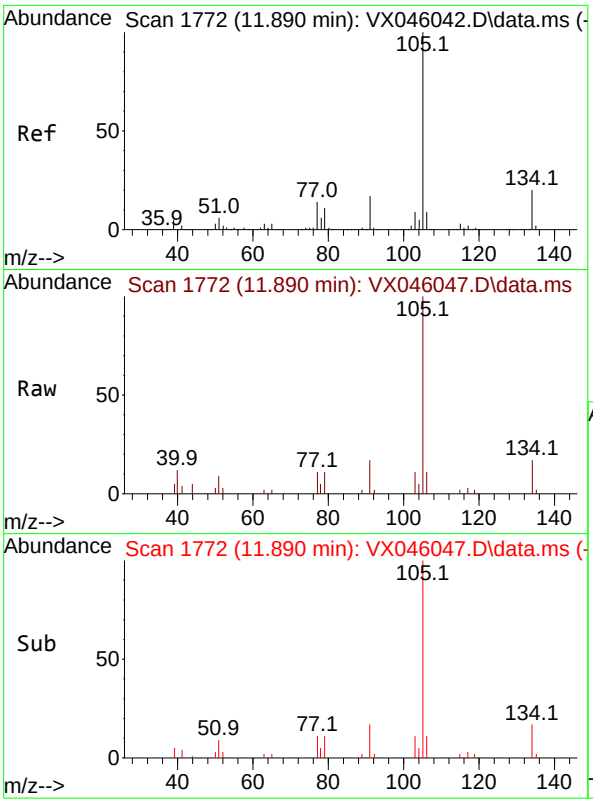


#84
1,2,4-Trimethylbenzene
Concen: 0.697 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:105 Resp: 3725

Ion	Ratio	Lower	Upper
105	100		
120	40.3	21.2	63.6





#85
sec-Butylbenzene
Concen: 0.672 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

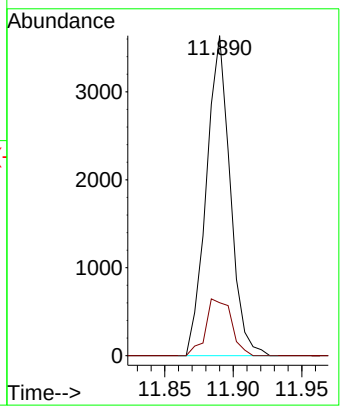
Tgt Ion:105 Resp: 438

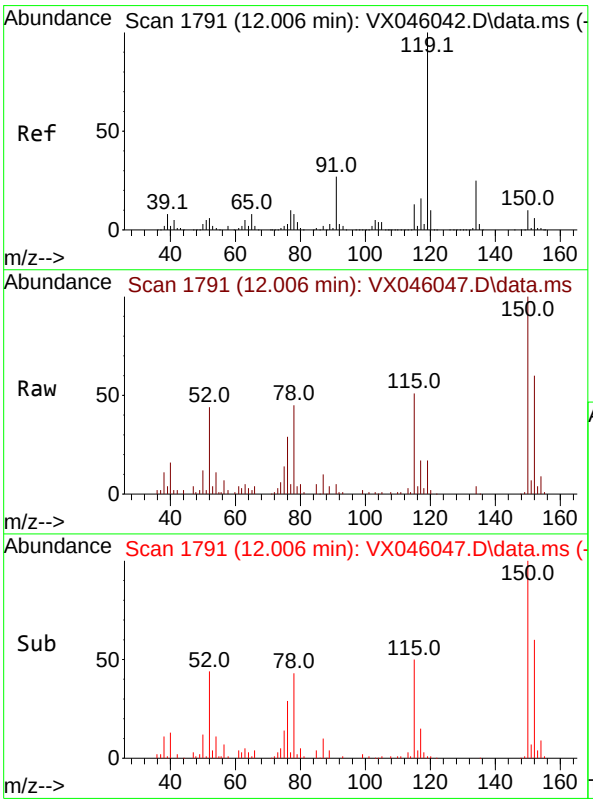
Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

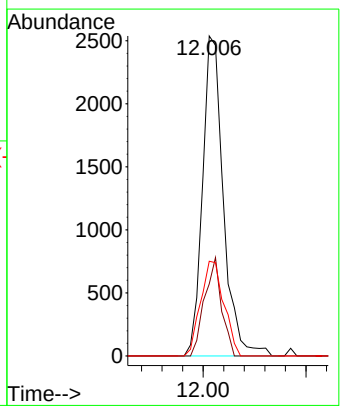


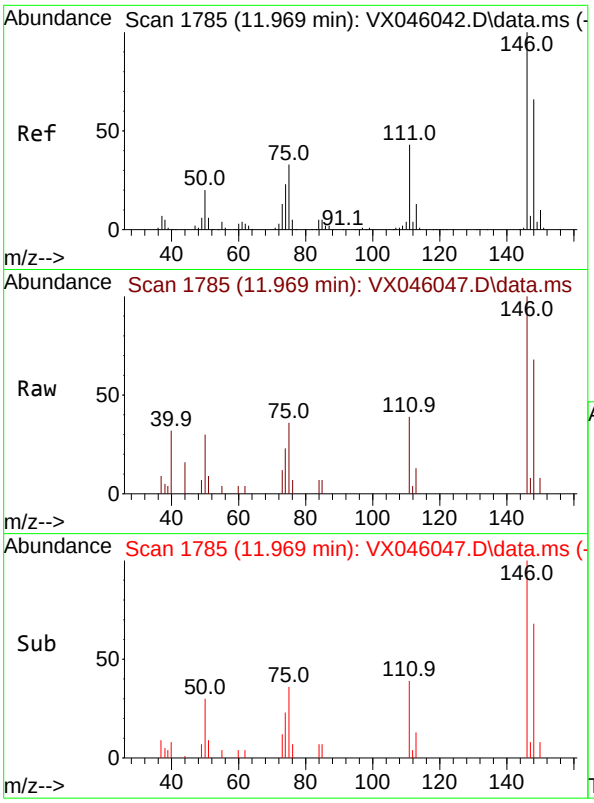


#86
p-Isopropyltoluene
Concen: 0.679 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:119 Resp: 3577

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	33.1	13.8	41.4

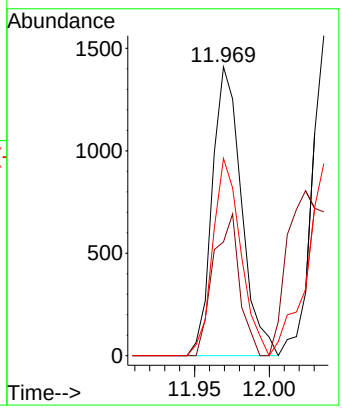




#87
1,3-Dichlorobenzene
Concen: 0.689 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:146 Resp: 191

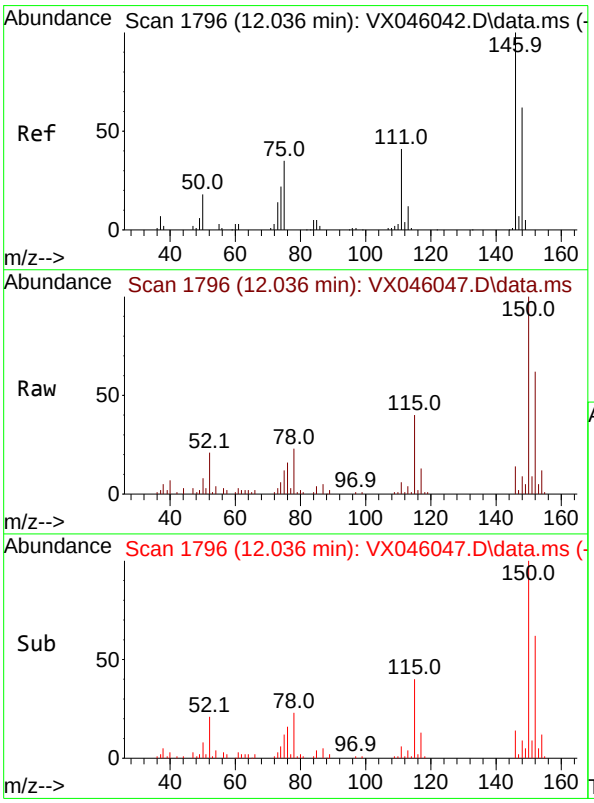
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.1	66.3
148	65.3	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

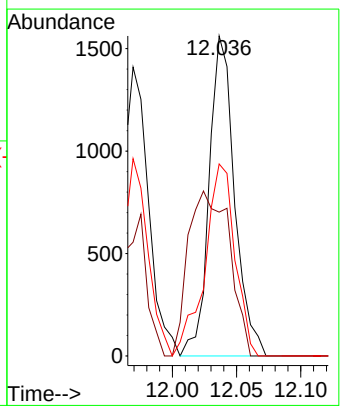
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

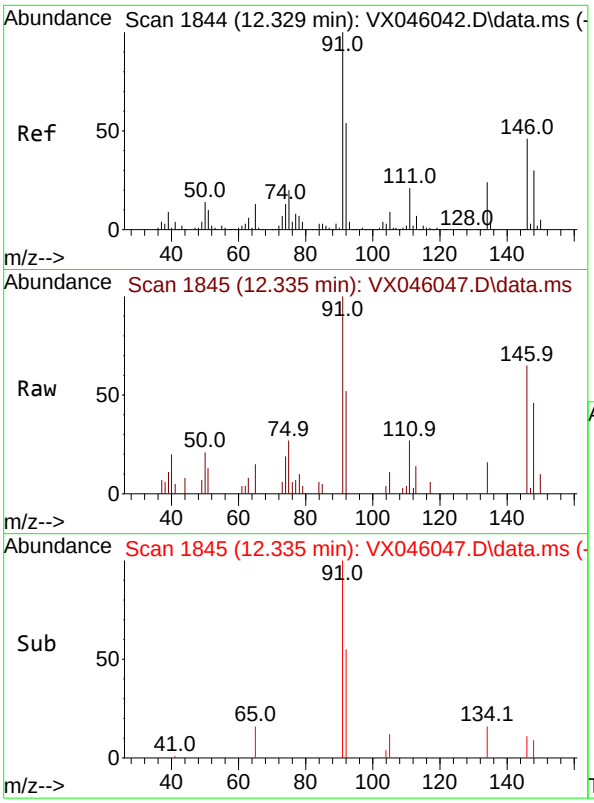


#88
1,4-Dichlorobenzene
Concen: 0.789 ug/l m
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:146 Resp: 2149

Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.3	63.9
148	58.2	31.9	95.5

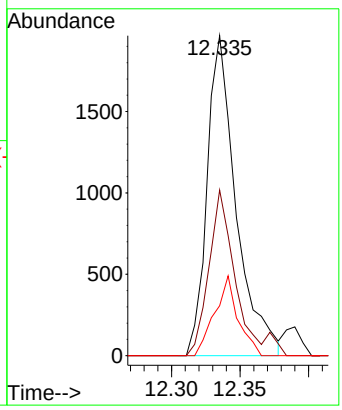




#89
n-Butylbenzene
Concen: 0.631 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 288

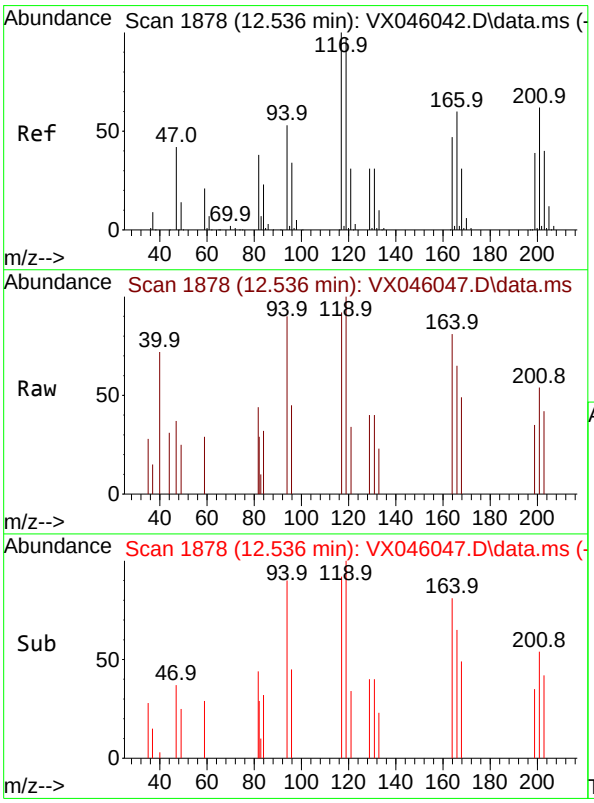
Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.9	80.7
134	20.1	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

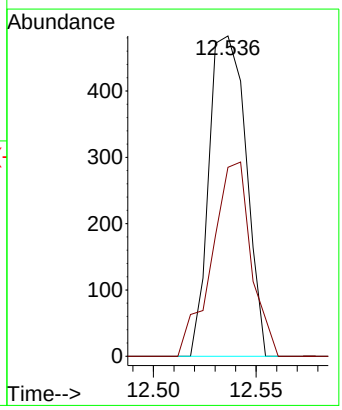
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

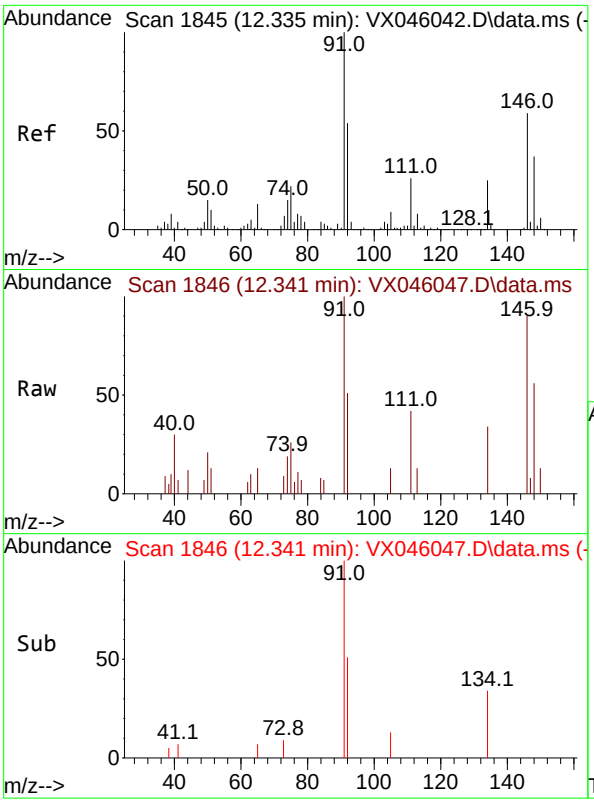


#90
Hexachloroethane
Concen: 0.616 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:117 Resp: 604

Ion	Ratio	Lower	Upper
117	100		
201	64.2	31.6	94.7

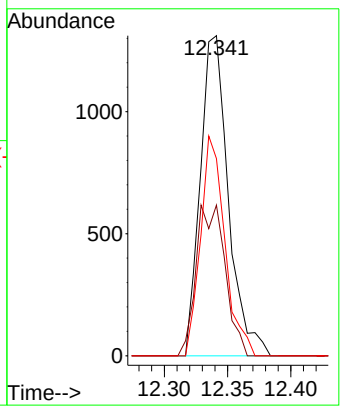




#91
1,2-Dichlorobenzene
Concen: 0.747 ug/l
RT: 12.341 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:146 Resp: 202

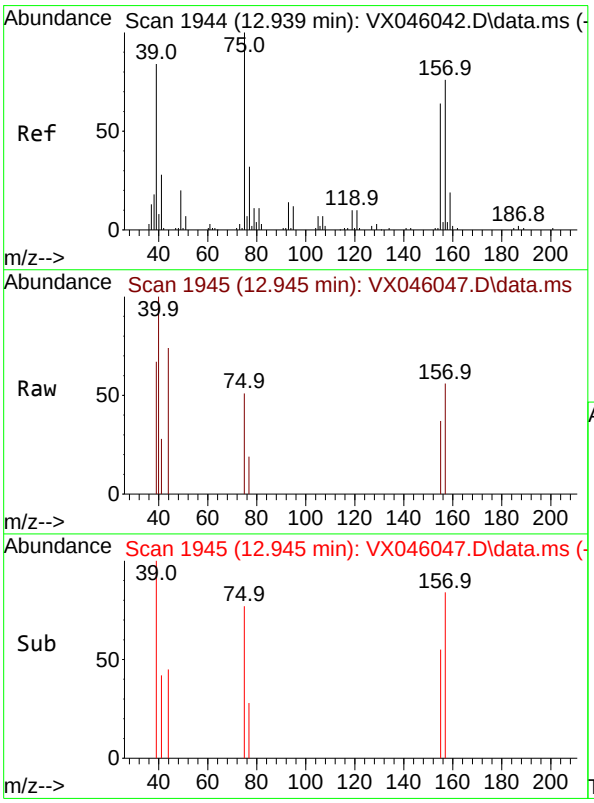
Ion	Ratio	Lower	Upper
146	100		
111	48.8	22.4	67.3
148	59.4	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

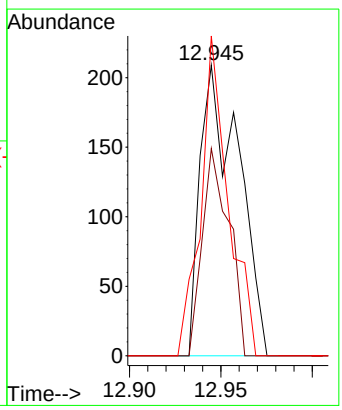
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

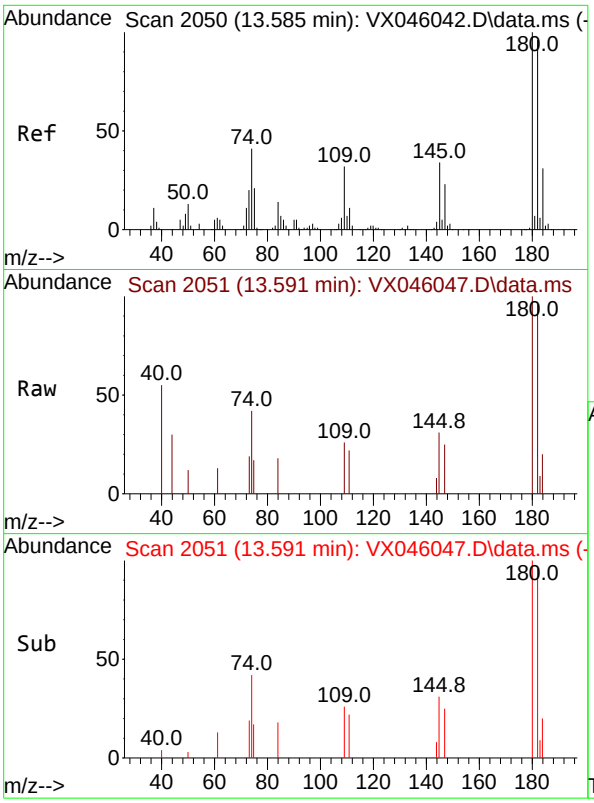


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.586 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 306

Ion	Ratio	Lower	Upper
75	100		
155	49.3	34.9	104.8
157	78.1	43.8	131.4

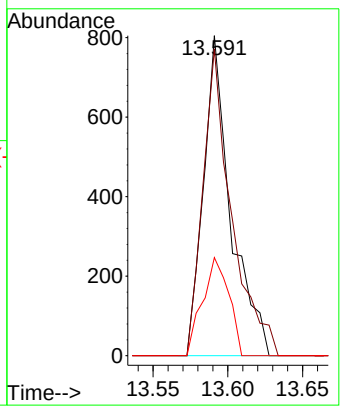




#93
1,2,4-Trichlorobenzene
Concen: 0.688 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:180 Resp: 101

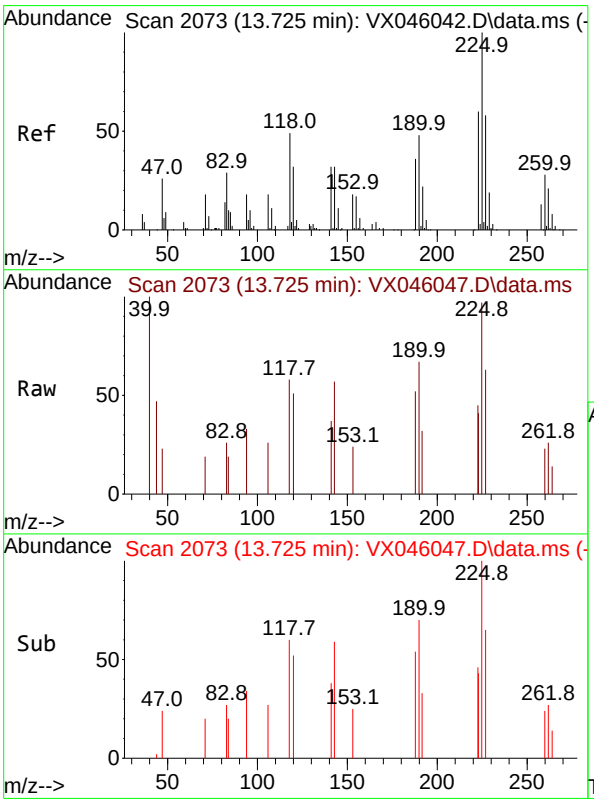
Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.9	143.8
145	29.5	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

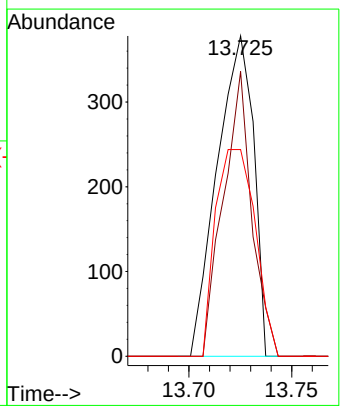
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

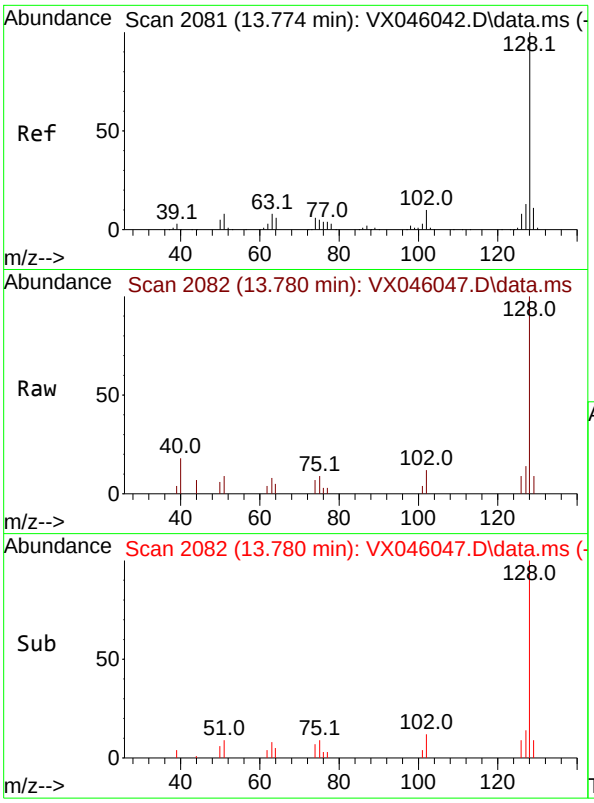


#94
Hexachlorobutadiene
Concen: 0.671 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:225 Resp: 465

Ion	Ratio	Lower	Upper
225	100		
223	69.7	30.8	92.4
227	70.5	30.9	92.7

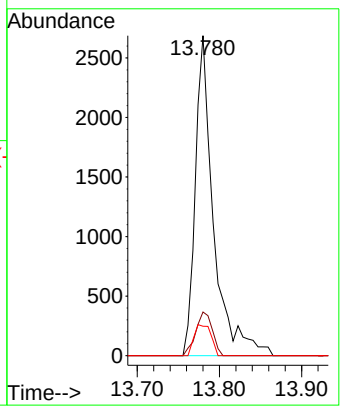




#95
Naphthalene
Concen: 0.767 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:128 Resp: 413

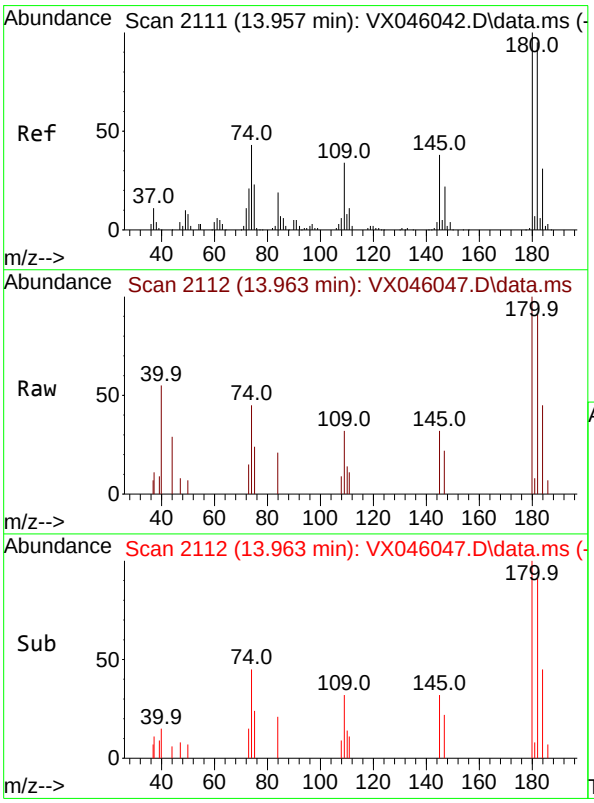
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	8.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

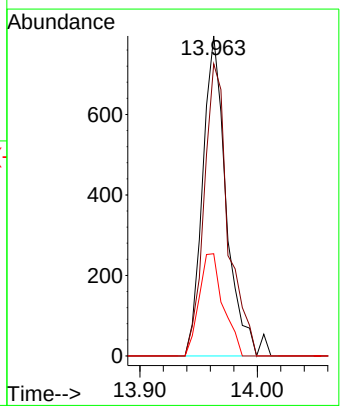
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.716 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:180 Resp: 1113

Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.8	143.3
145	32.5	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83733	48.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.020%			
35) Dibromofluoromethane	5.379	113	58192	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.647	98	198575	48.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	75568	48.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	78783	55.594	ug/l	99
3) Chloromethane	1.307	50	72275	52.592	ug/l	100
4) Vinyl Chloride	1.374	62	65994	51.598	ug/l	98
5) Bromomethane	1.593	94	30033	50.627	ug/l	97
6) Chloroethane	1.666	64	35690	52.271	ug/l	94
7) Trichlorofluoromethane	1.874	101	99352	52.560	ug/l	99
8) Diethyl Ether	2.130	74	31875	49.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59451	50.822	ug/l	99
10) Methyl Iodide	2.447	142	73940	53.419	ug/l	99
11) Tert butyl alcohol	2.977	59	61065	252.025	ug/l	99
12) 1,1-Dichloroethene	2.313	96	56097	51.097	ug/l	98
13) Acrolein	2.233	56	64157	232.505	ug/l	99
14) Allyl chloride	2.660	41	108757	51.833	ug/l	100
15) Acrylonitrile	3.063	53	181808	262.412	ug/l	99
16) Acetone	2.380	43	169923	245.518	ug/l	98
17) Carbon Disulfide	2.502	76	132695	50.981	ug/l	99
18) Methyl Acetate	2.703	43	80251	49.968	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	195442	50.777	ug/l	99
20) Methylene Chloride	2.782	84	63369	47.779	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	55770	50.513	ug/l	99
22) Diisopropyl ether	3.757	45	209946	51.800	ug/l	97
23) Vinyl Acetate	3.715	43	946746	265.585	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114733	50.825	ug/l	98
25) 2-Butanone	4.556	43	258339	257.110	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88229	49.934	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67727	50.956	ug/l	100
28) Bromochloromethane	4.891	49	55390	50.975	ug/l	98
29) Tetrahydrofuran	5.001	42	163675	259.958	ug/l	99
30) Chloroform	5.093	83	120782	51.332	ug/l	97
31) Cyclohexane	5.458	56	103158	50.147	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	104243	51.108	ug/l	100
36) 1,1-Dichloropropene	5.690	75	77931	49.521	ug/l	99
37) Ethyl Acetate	4.715	43	98604	50.714	ug/l	100
38) Carbon Tetrachloride	5.666	117	88100	49.825	ug/l	97
39) Methylcyclohexane	7.373	83	100808	49.757	ug/l	98
40) Benzene	6.031	78	233977	50.759	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	56017	55.076	ug/l		100
42) 1,2-Dichloroethane	6.080	62	101185	50.861	ug/l		98
43) Isopropyl Acetate	6.336	43	154818	52.195	ug/l		99
44) Trichloroethene	7.123	130	55491	50.018	ug/l		100
45) 1,2-Dichloropropane	7.428	63	59582	51.983	ug/l		98
46) Dibromomethane	7.580	93	45181	49.978	ug/l		99
47) Bromodichloromethane	7.818	83	92388	51.889	ug/l		100
48) Methyl methacrylate	7.690	41	82144	54.226	ug/l		98
49) 1,4-Dioxane	7.659	88	30477	1059.599	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	510206	259.133	ug/l		100
52) Toluene	8.714	92	144574	51.150	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	83751	52.920	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	92517	52.892	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	56713	50.887	ug/l		96
56) Ethyl methacrylate	9.116	69	95772	53.918	ug/l		99
57) 1,3-Dichloropropane	9.305	76	99663	49.793	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.238	63	240681	265.780	ug/l		99
59) 2-Hexanone	9.427	43	390701	268.218	ug/l		100
60) Dibromochloromethane	9.519	129	63738	52.075	ug/l		99
61) 1,2-Dibromoethane	9.610	107	59134	51.050	ug/l		98
64) Tetrachloroethene	9.269	164	48034	46.795	ug/l		98
65) Chlorobenzene	10.073	112	154640	48.699	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53735	49.557	ug/l		100
67) Ethyl Benzene	10.189	91	281239	50.245	ug/l		100
68) m/p-Xylenes	10.299	106	206813	101.022	ug/l		99
69) o-Xylene	10.640	106	101469	50.841	ug/l		99
70) Styrene	10.653	104	169703	51.907	ug/l		99
71) Bromoform	10.799	173	40364	49.583	ug/l	#	97
73) Isopropylbenzene	10.957	105	269484	50.733	ug/l		100
74) N-amyl acetate	10.842	43	137559	52.407	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89027	47.827	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	79763m	48.568	ug/l		
77) Bromobenzene	11.195	156	59871	48.549	ug/l		98
78) n-propylbenzene	11.299	91	312285	50.562	ug/l		100
79) 2-Chlorotoluene	11.360	91	195630	49.107	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	228538	51.500	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24857	49.276	ug/l		98
82) 4-Chlorotoluene	11.451	91	223811	50.661	ug/l		100
83) tert-Butylbenzene	11.713	119	225783	50.511	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	231371	51.485	ug/l		100
85) sec-Butylbenzene	11.890	105	280578	51.122	ug/l		99
86) p-Isopropyltoluene	12.006	119	231942	51.198	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	113146	50.272	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	111173	48.368	ug/l		99
89) n-Butylbenzene	12.329	91	205858	51.804	ug/l		100
90) Hexachloroethane	12.536	117	39823	49.895	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	111482	49.361	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21220	51.458	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	64421	49.662	ug/l		100
94) Hexachlorobutadiene	13.719	225	27425	48.408	ug/l		98
95) Naphthalene	13.774	128	239805	50.404	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	64950	48.525	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

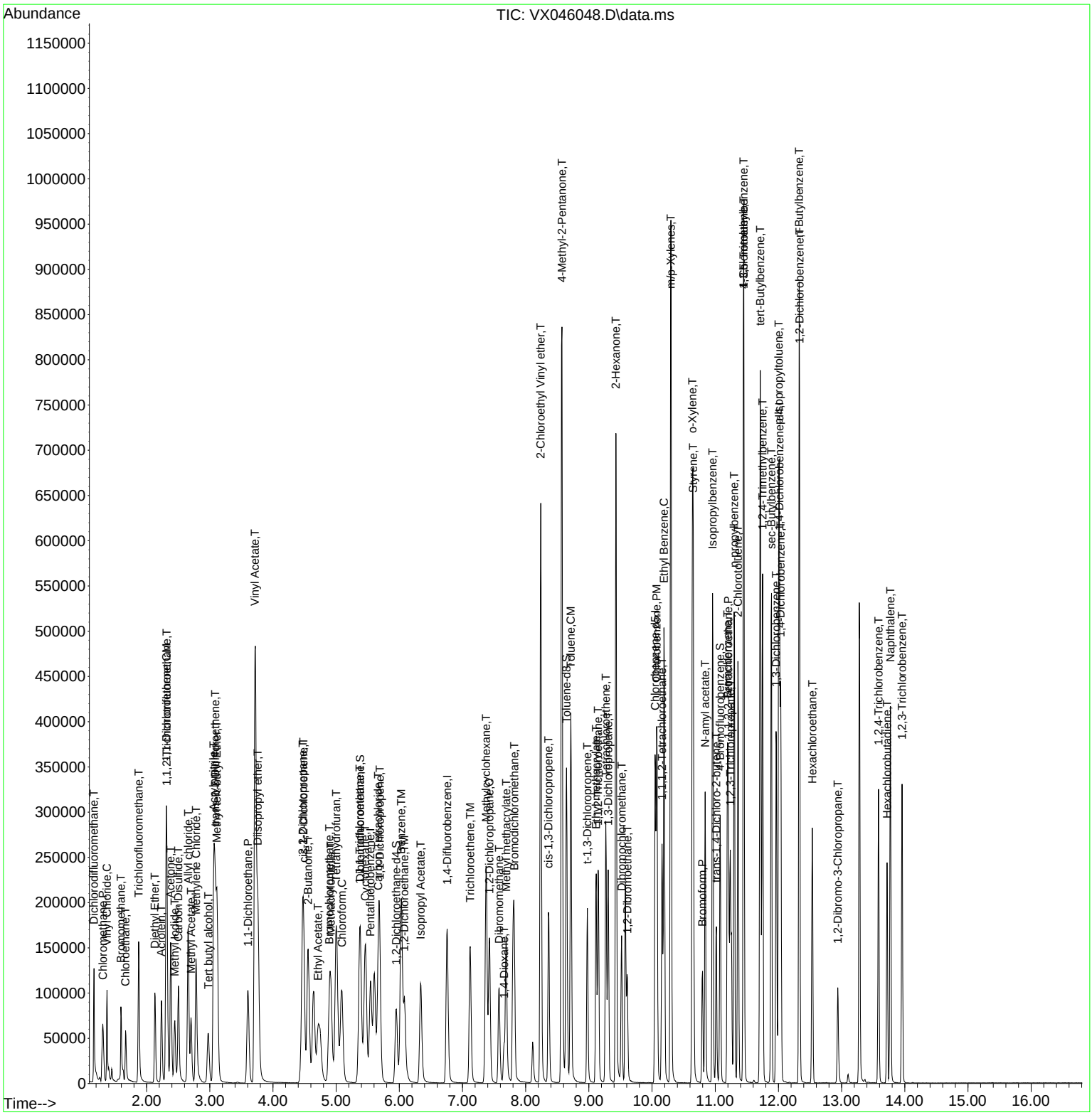
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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

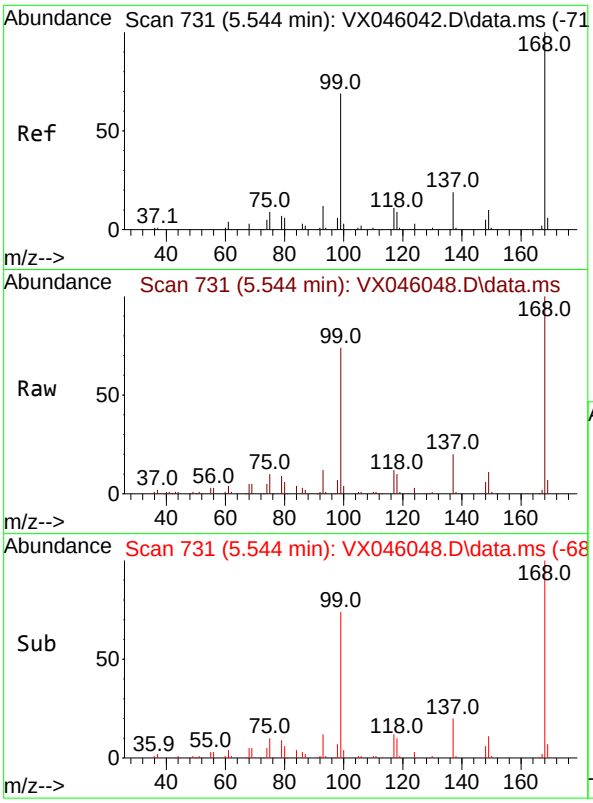
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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

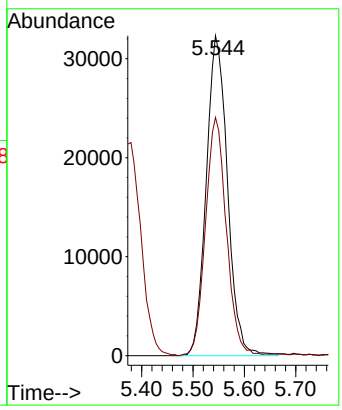




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:168 Resp: 9258

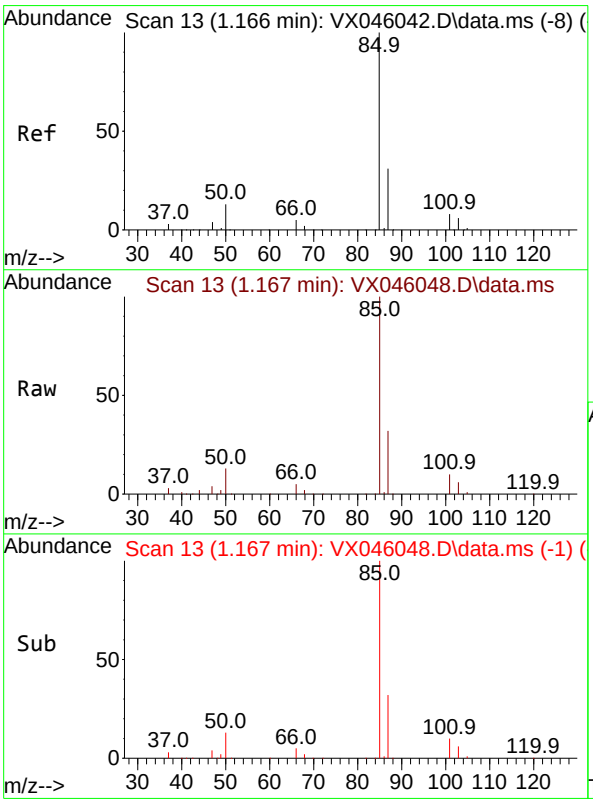
Ion	Ratio	Lower	Upper
168	100		
99	74.5	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

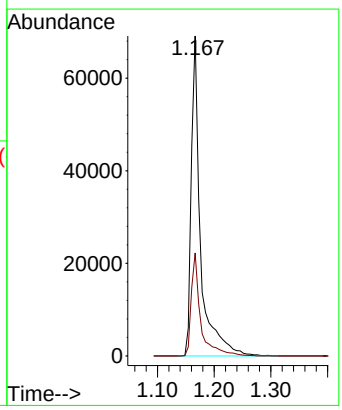
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

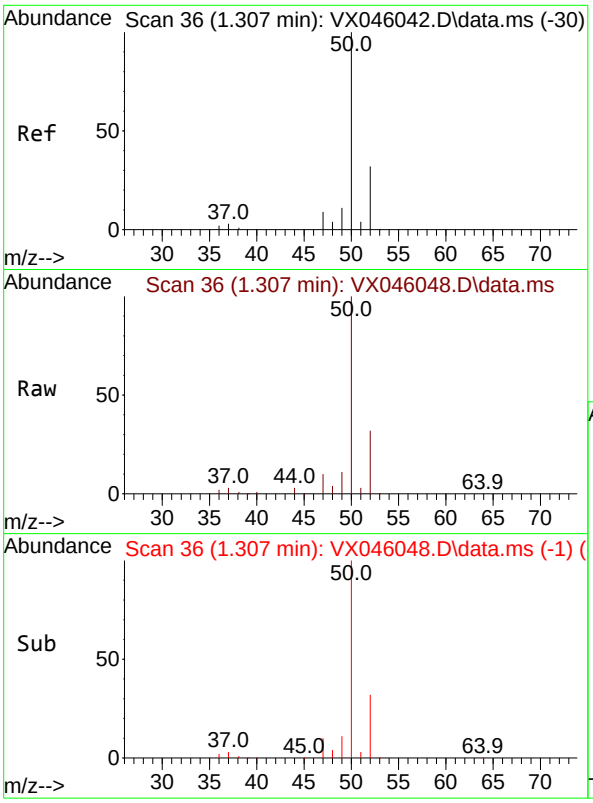


#2
Dichlorodifluoromethane
Concen: 55.594 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 85 Resp: 78783

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.7	47.1

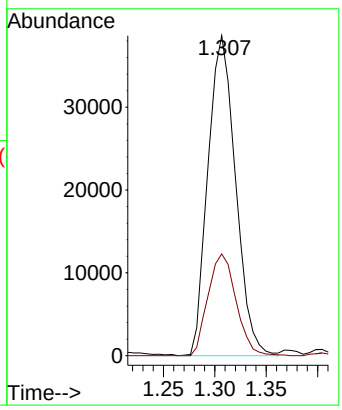




#3
Chloromethane
Concen: 52.592 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 50 Resp: 7227

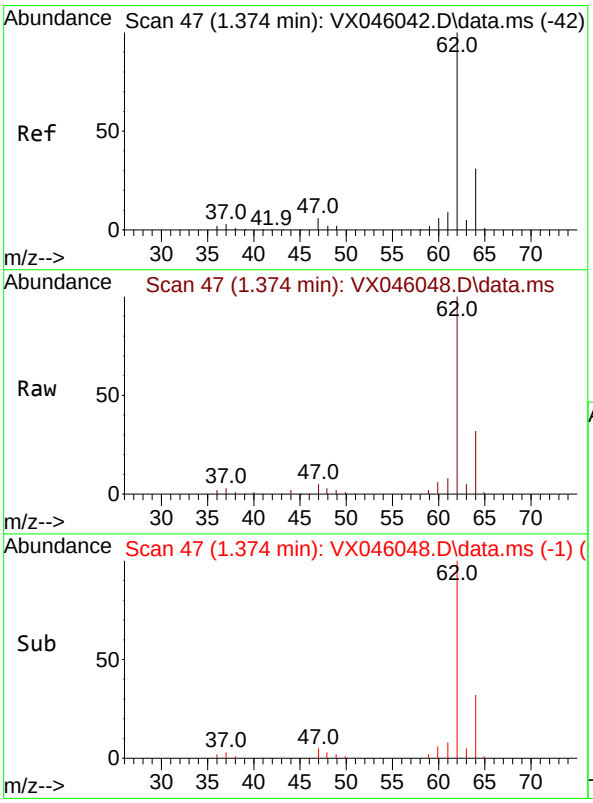
Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

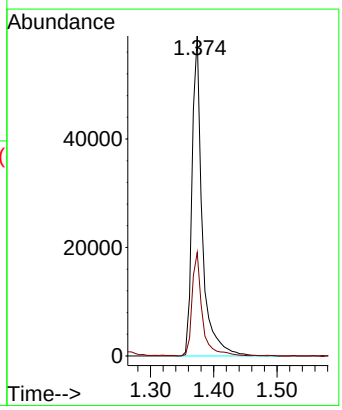
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

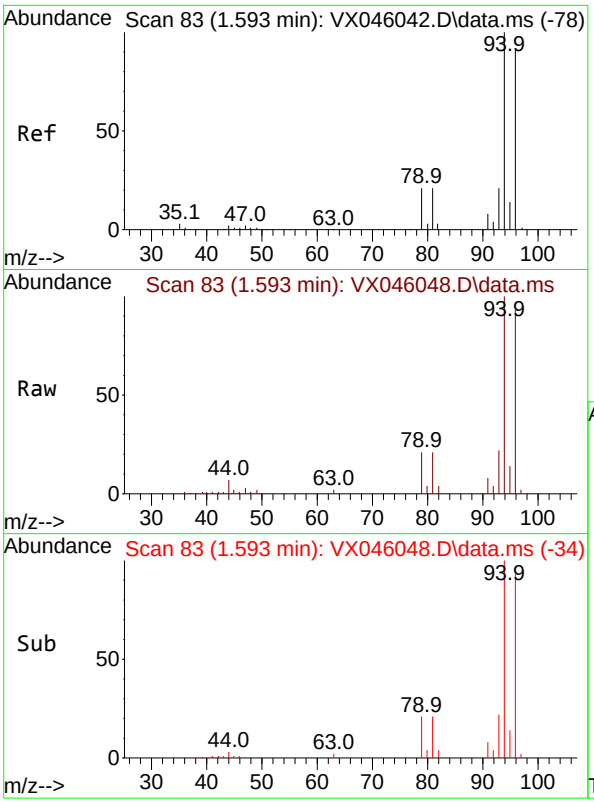


#4
Vinyl Chloride
Concen: 51.598 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 62 Resp: 65994

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.2	37.8

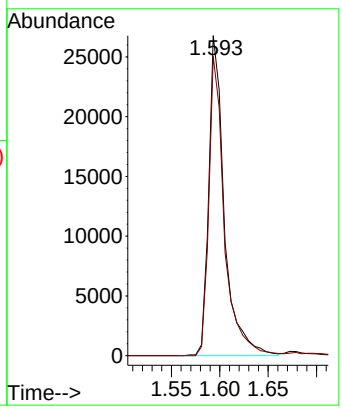




#5
Bromomethane
Concen: 50.627 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 94 Resp: 3003

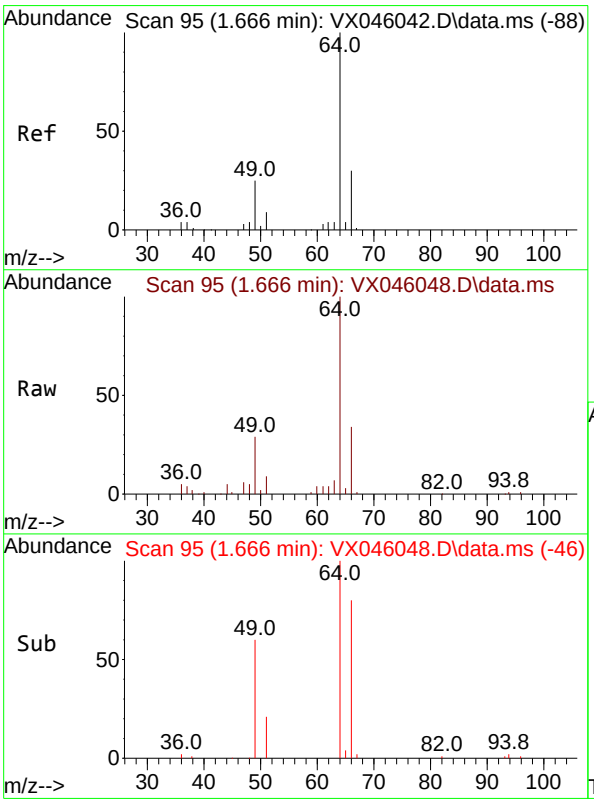
Ion	Ratio	Lower	Upper
94	100		
96	93.5	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

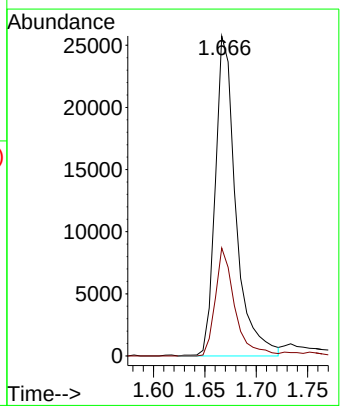
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

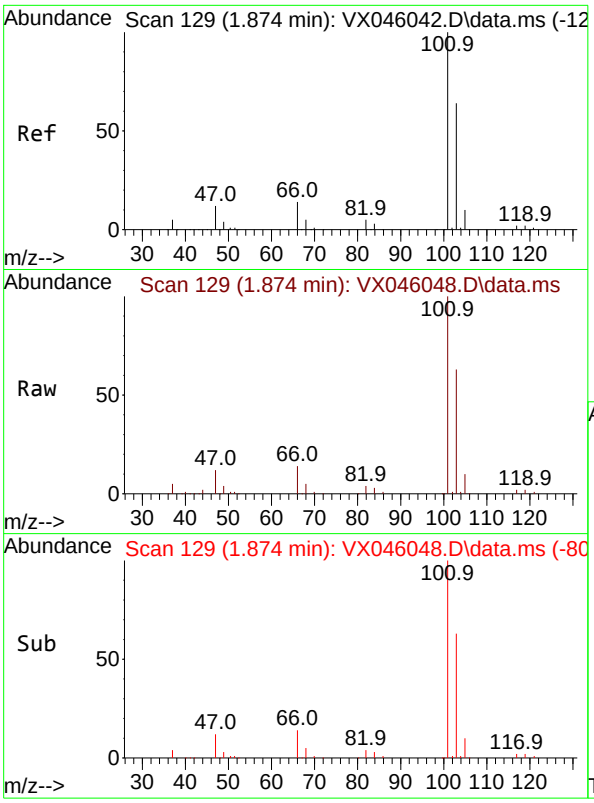


#6
Chloroethane
Concen: 52.271 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 64 Resp: 35690

Ion	Ratio	Lower	Upper
64	100		
66	33.7	24.3	36.5

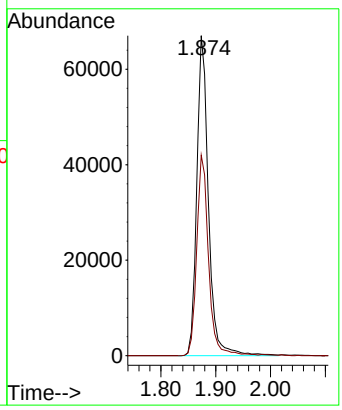




#7
Trichlorofluoromethane
Concen: 52.560 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:101 Resp: 9935

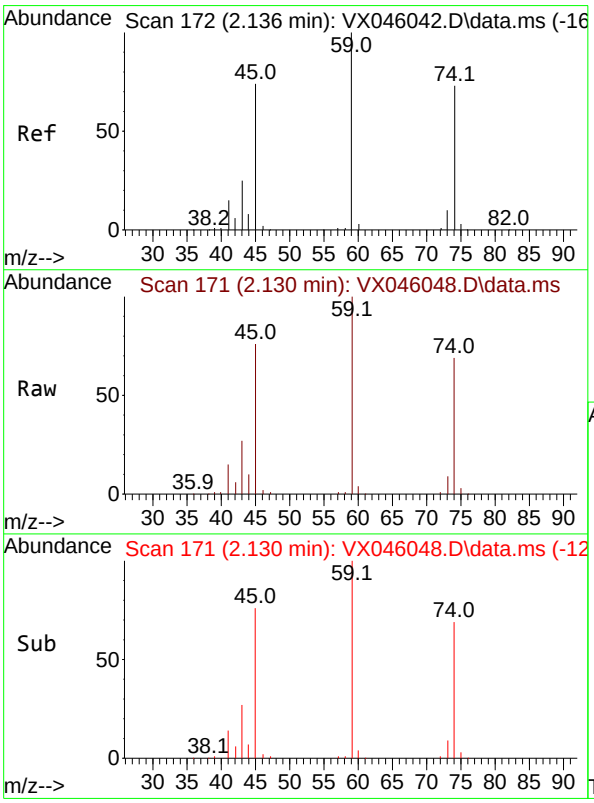
Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

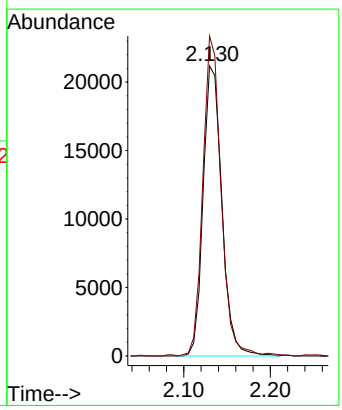
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

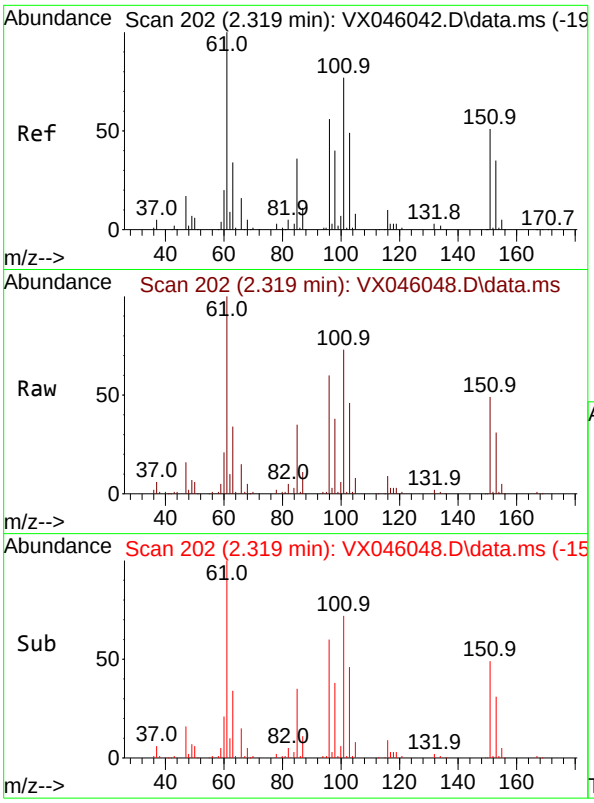


#8
Diethyl Ether
Concen: 49.536 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 74 Resp: 31875

Ion	Ratio	Lower	Upper
74	100		
45	107.1	54.9	164.8

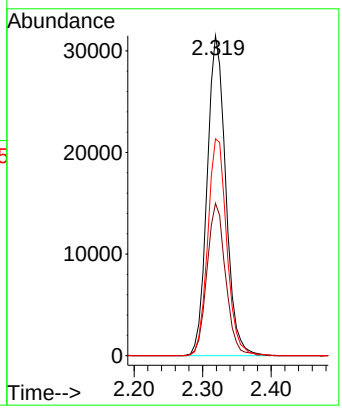




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.822 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:101 Resp: 5945

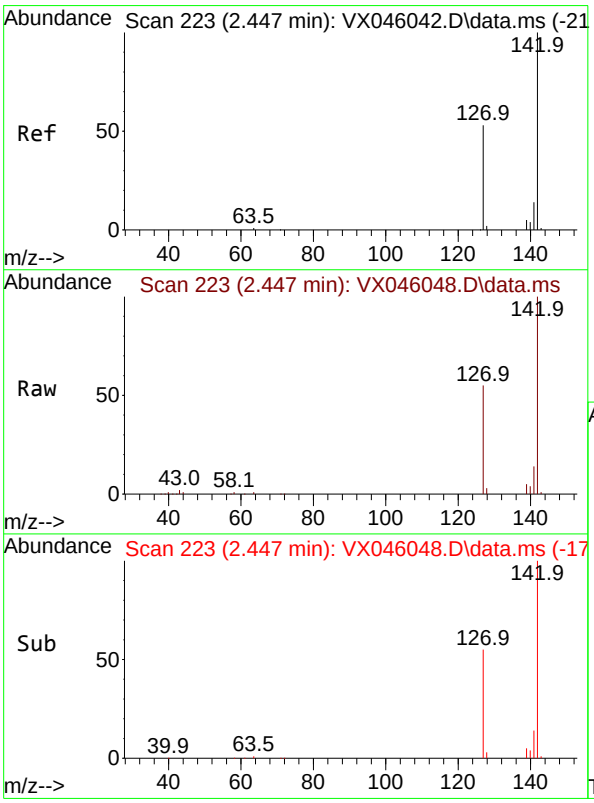
Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.6	58.0
151	69.4	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

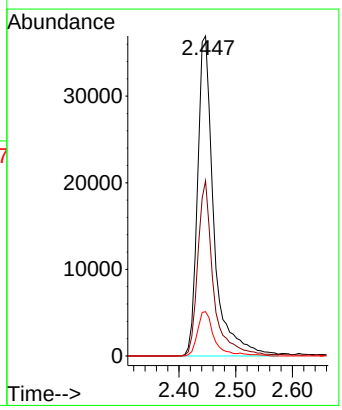
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

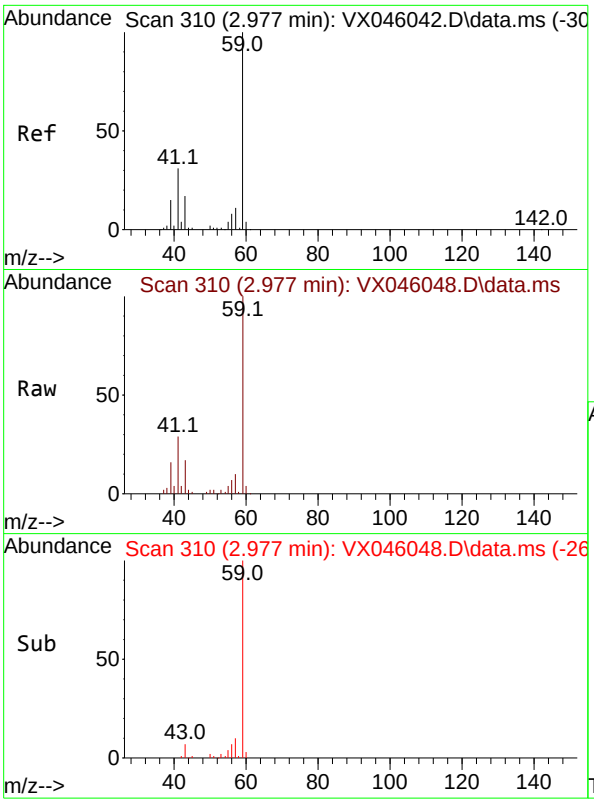


#10
Methyl Iodide
Concen: 53.419 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:142 Resp: 73940

Ion	Ratio	Lower	Upper
142	100		
127	52.9	41.7	62.5
141	14.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 252.025 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

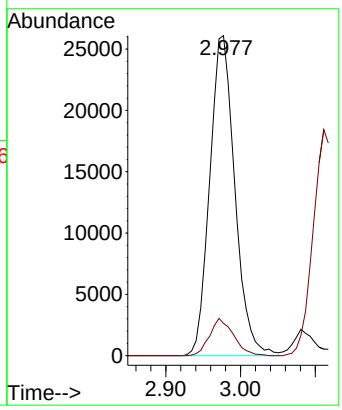
Tgt Ion: 59 Resp: 6106

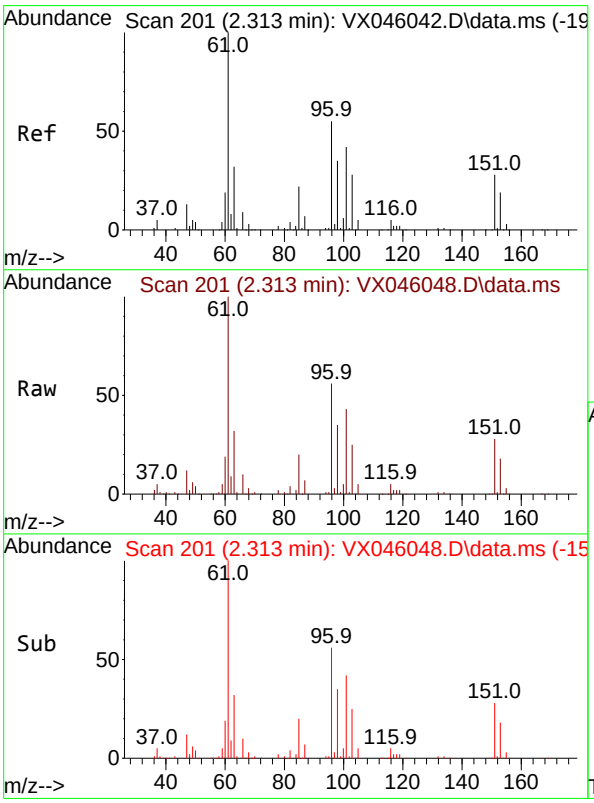
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

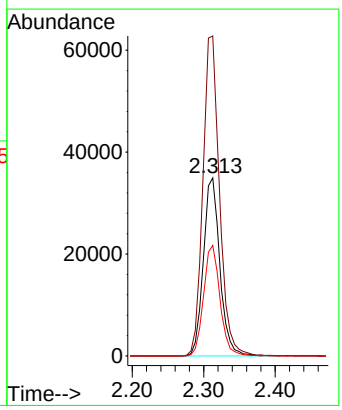


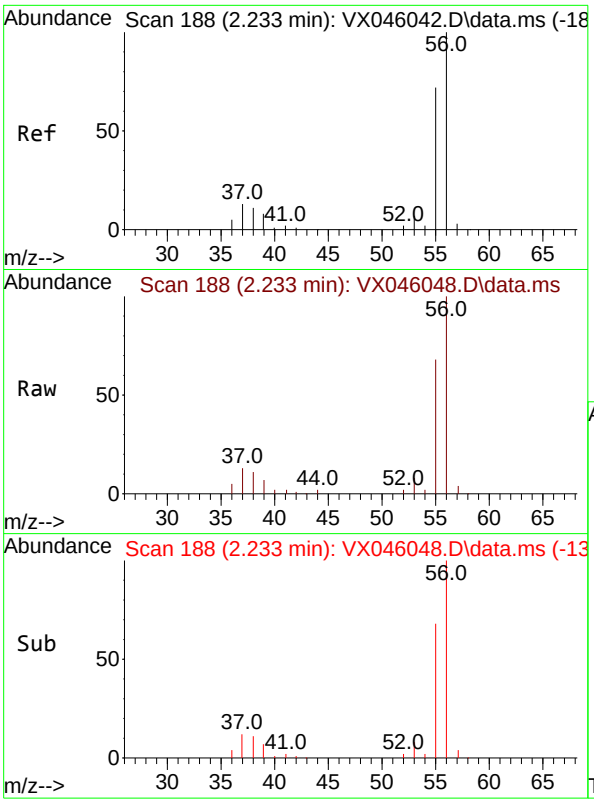


#12
1,1-Dichloroethene
Concen: 51.097 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 96 Resp: 56097

Ion	Ratio	Lower	Upper
96	100		
61	179.7	146.2	219.2
98	62.1	51.0	76.6

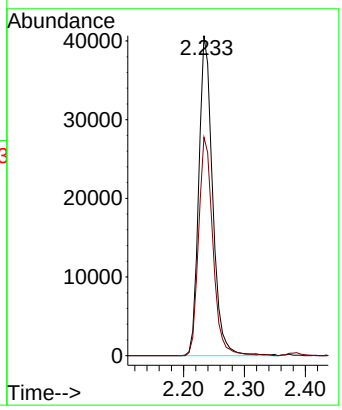




#13
Acrolein
Concen: 232.505 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 56 Resp: 6415

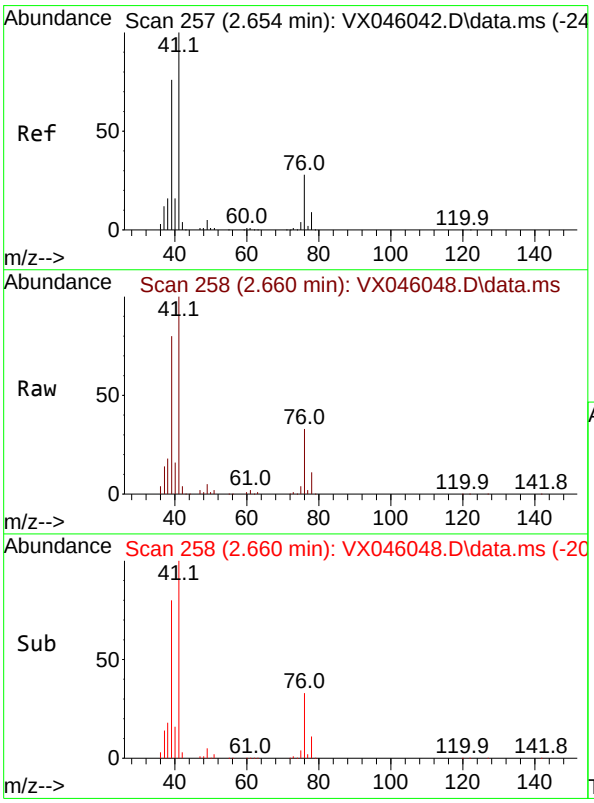
Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

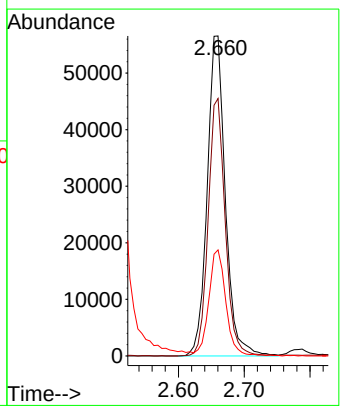
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

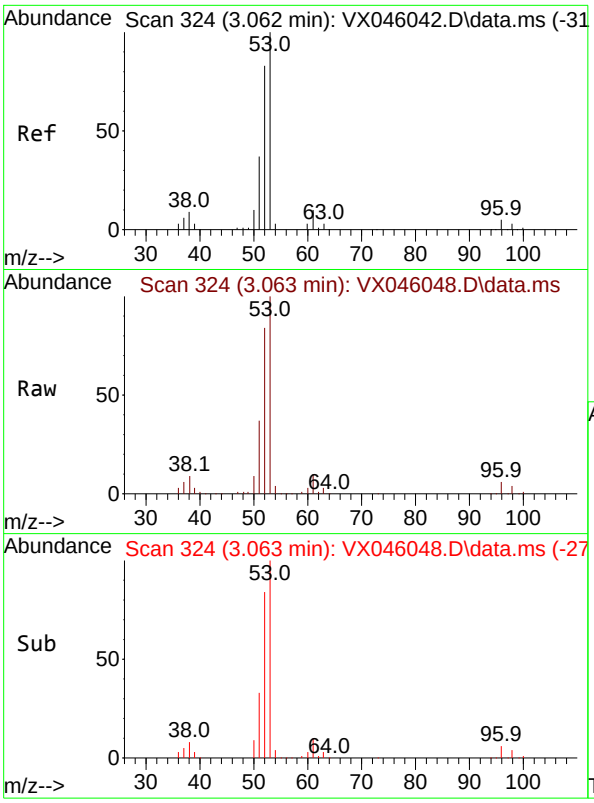


#14
Allyl chloride
Concen: 51.833 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 41 Resp: 108757

Ion	Ratio	Lower	Upper
41	100		
39	75.6	60.6	90.8
76	31.1	24.9	37.3

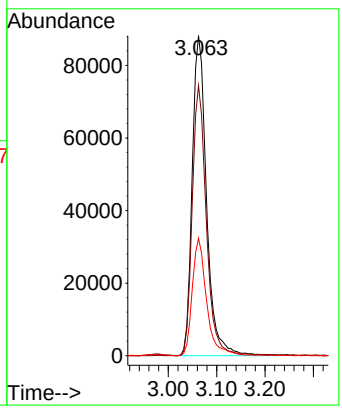




#15
Acrylonitrile
Concen: 262.412 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 53 Resp: 18180

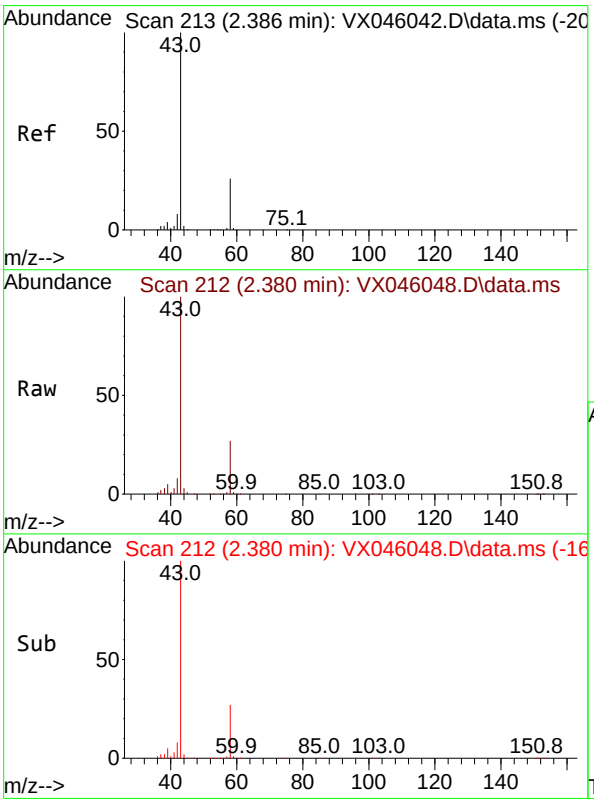
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	36.5	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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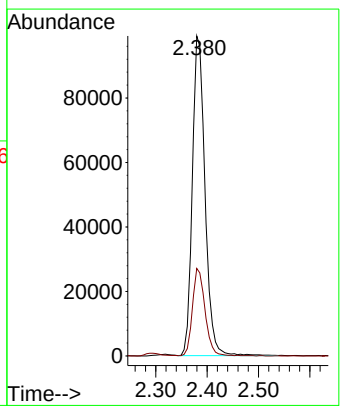
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

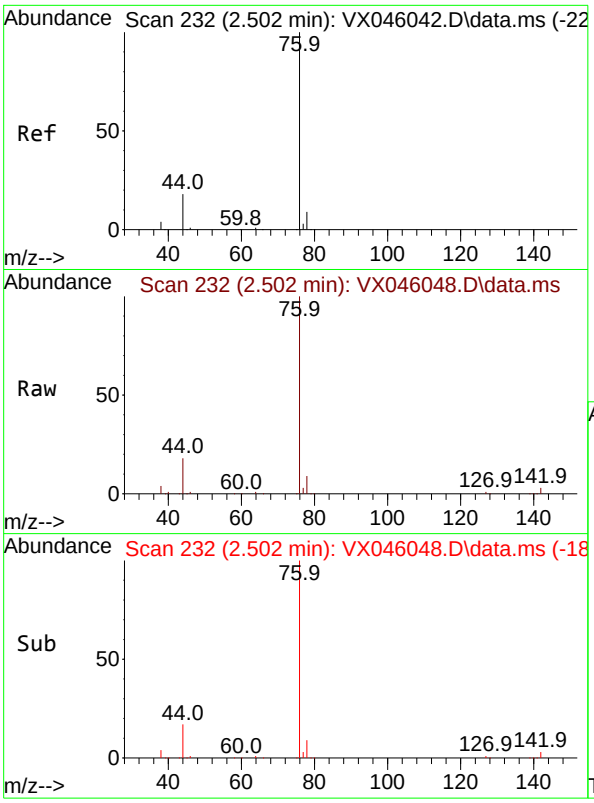


#16
Acetone
Concen: 245.518 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 169923

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.2	31.8





#17
Carbon Disulfide
Concen: 50.981 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

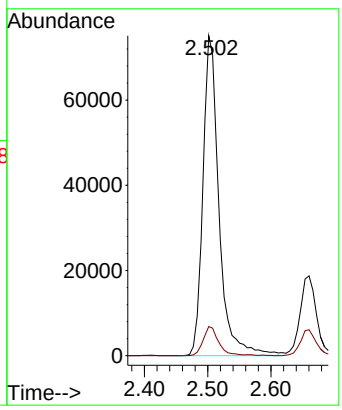
Tgt Ion: 76 Resp: 13269

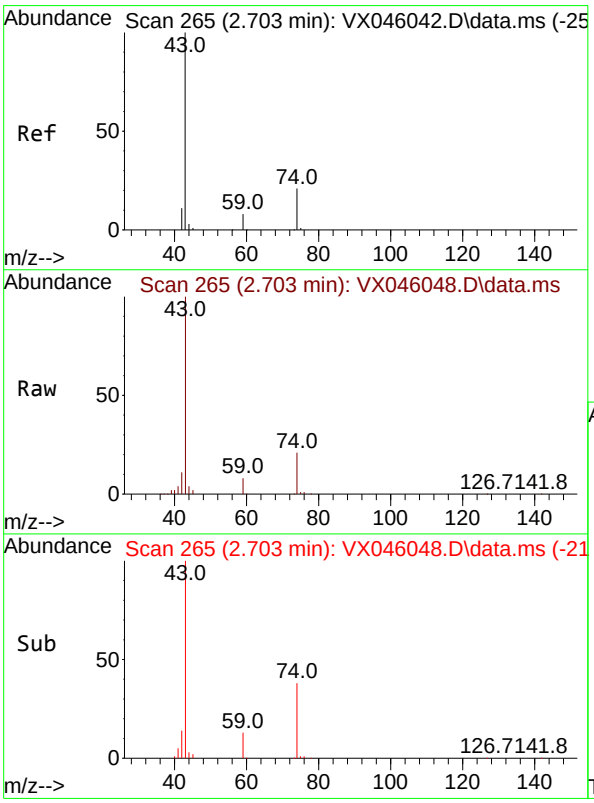
Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

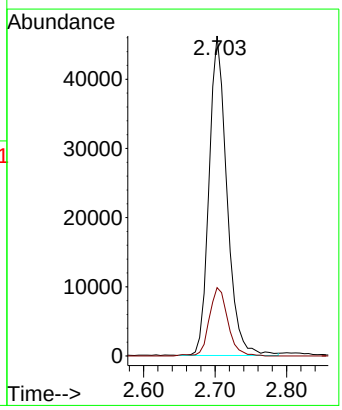


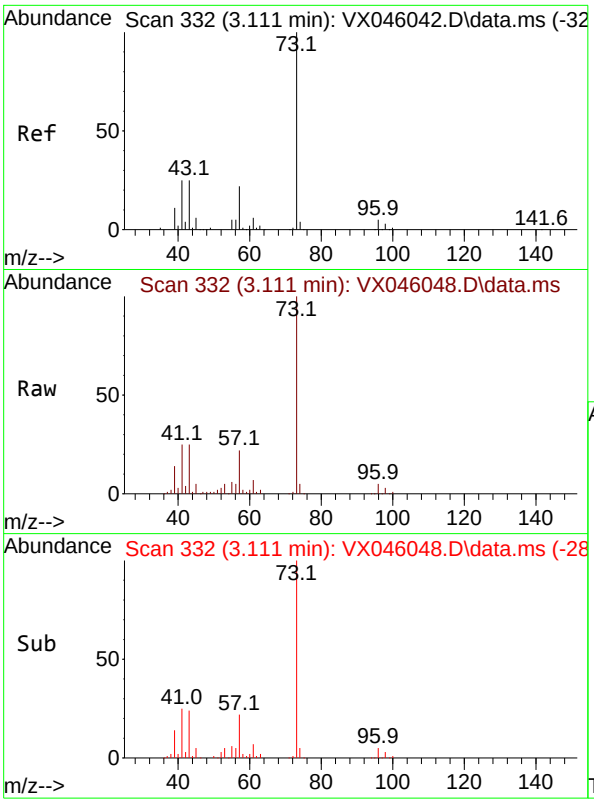


#18
Methyl Acetate
Concen: 49.968 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 80251

Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1

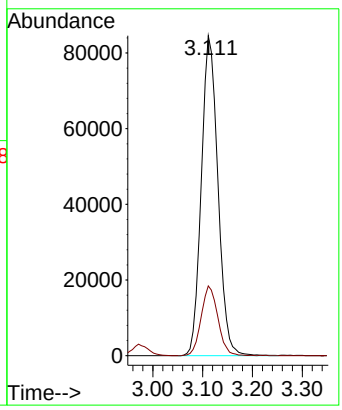




#19
Methyl tert-butyl Ether
Concen: 50.777 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 73 Resp: 19544

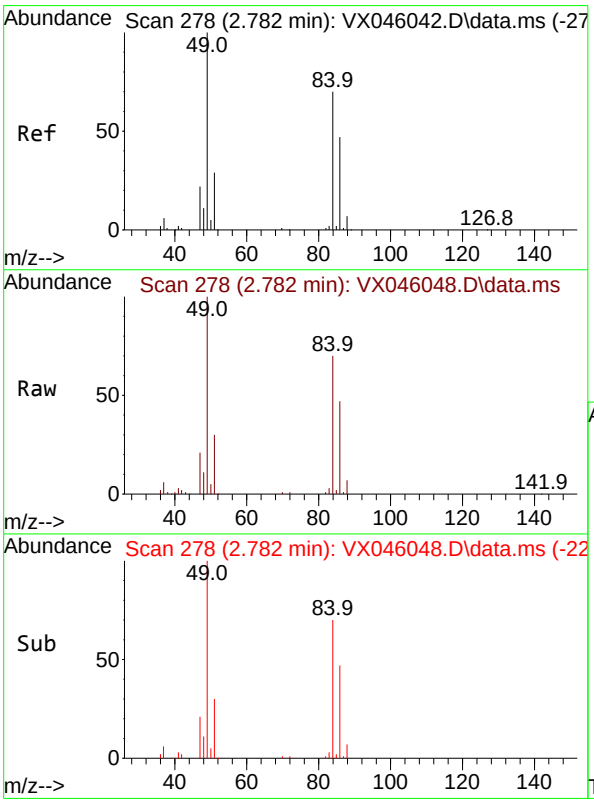
Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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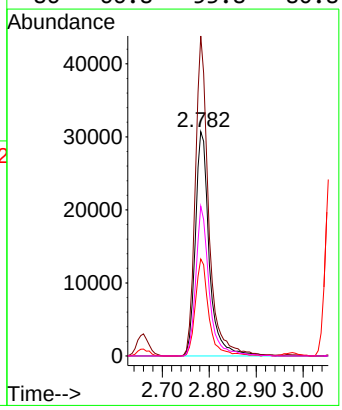
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

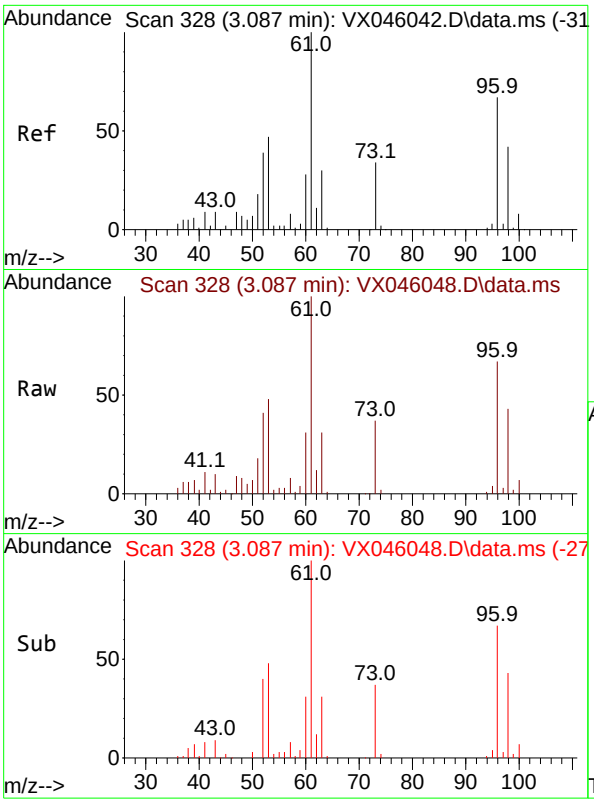


#20
Methylene Chloride
Concen: 47.779 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 84 Resp: 63369

Ion	Ratio	Lower	Upper
84	100		
49	142.7	113.9	170.9
51	43.3	33.5	50.3
86	66.8	53.8	80.8

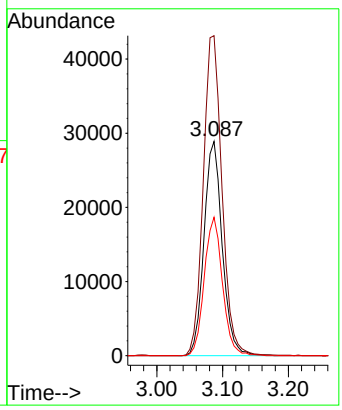




#21
trans-1,2-Dichloroethene
Concen: 50.513 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 96 Resp: 5577

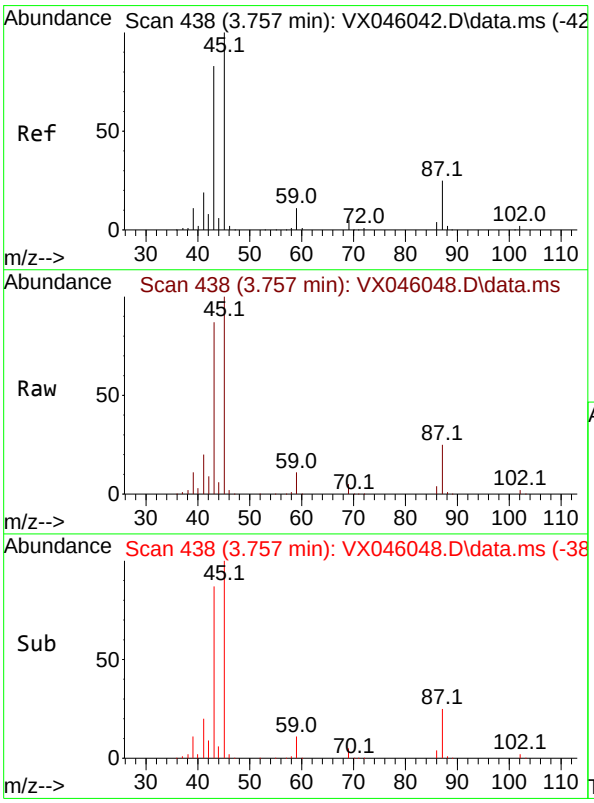
Ion	Ratio	Lower	Upper
96	100		
61	149.3	119.5	179.3
98	64.6	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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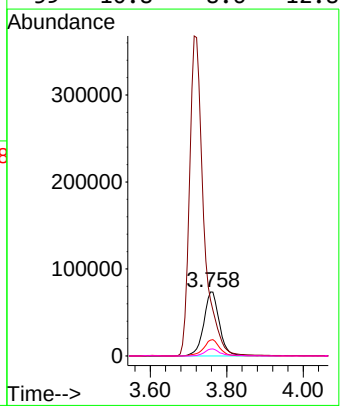
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

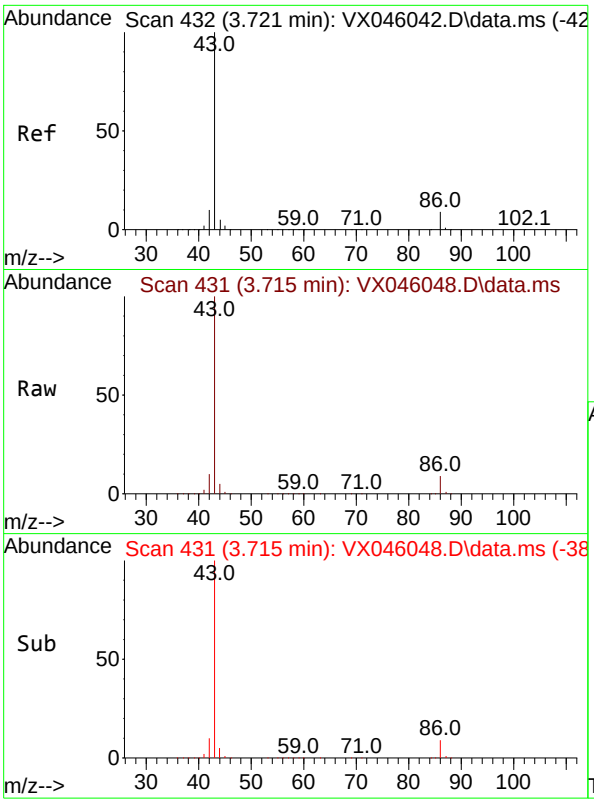


#22
Diisopropyl ether
Concen: 51.800 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 45 Resp: 209946

Ion	Ratio	Lower	Upper
45	100		
43	86.9	66.6	100.0
87	24.8	19.8	29.6
59	10.8	8.6	12.8





#23
Vinyl Acetate
Concen: 265.585 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

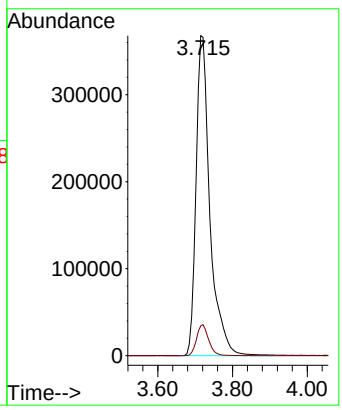
Tgt Ion: 43 Resp: 94674

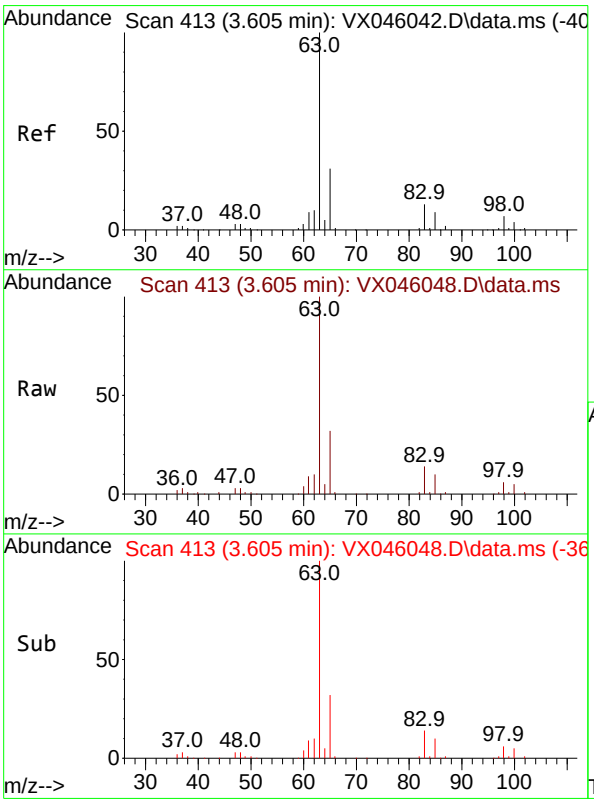
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

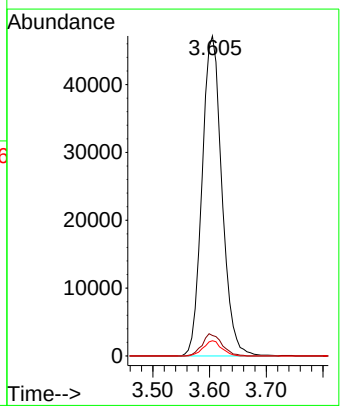


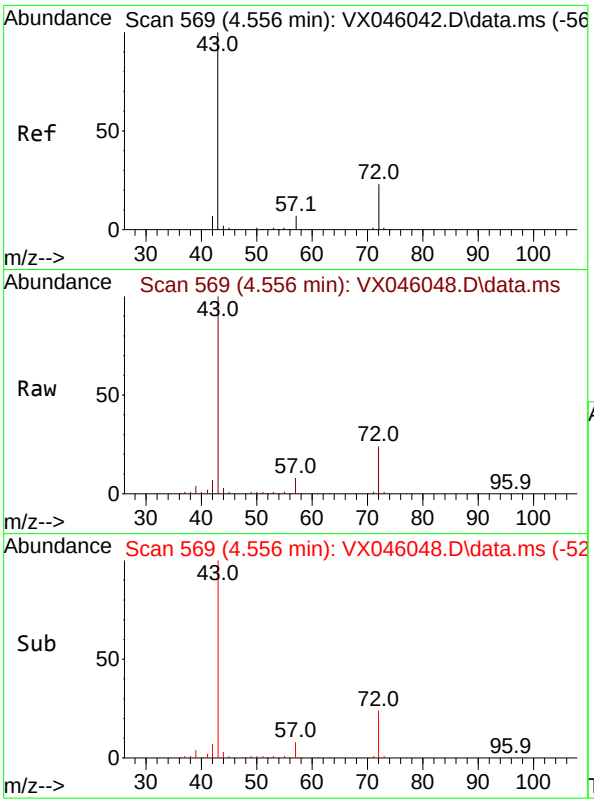


#24
1,1-Dichloroethane
Concen: 50.825 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 63 Resp: 114733

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	4.8	2.1	6.3

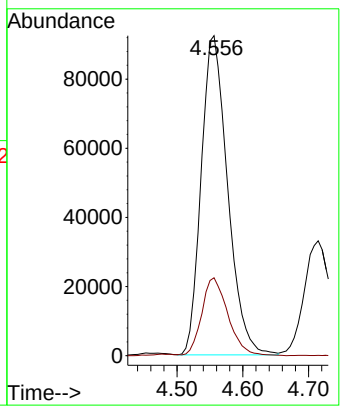




#25
2-Butanone
Concen: 257.110 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 25833

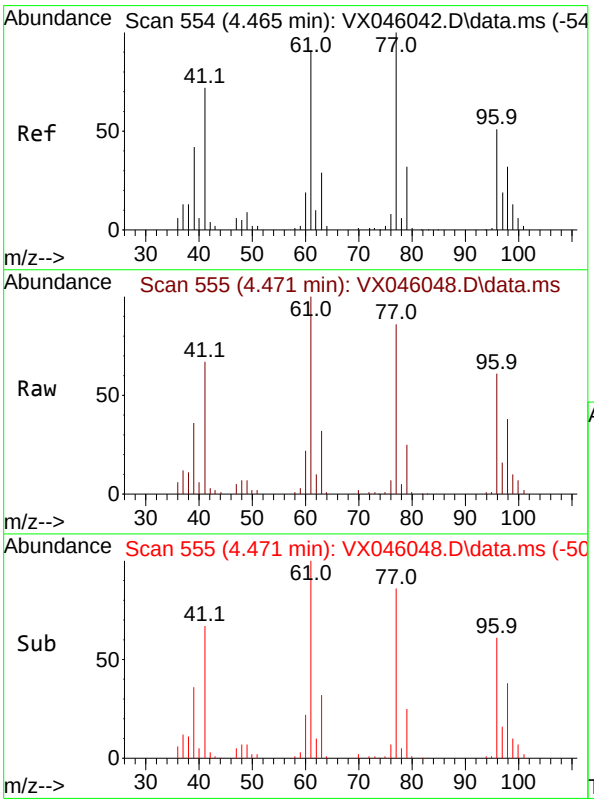
Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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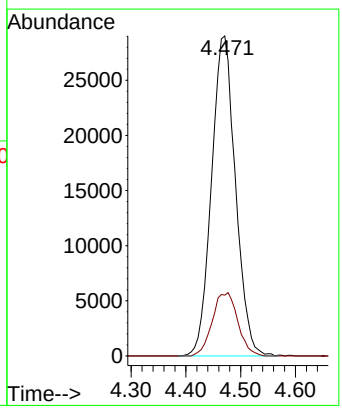
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

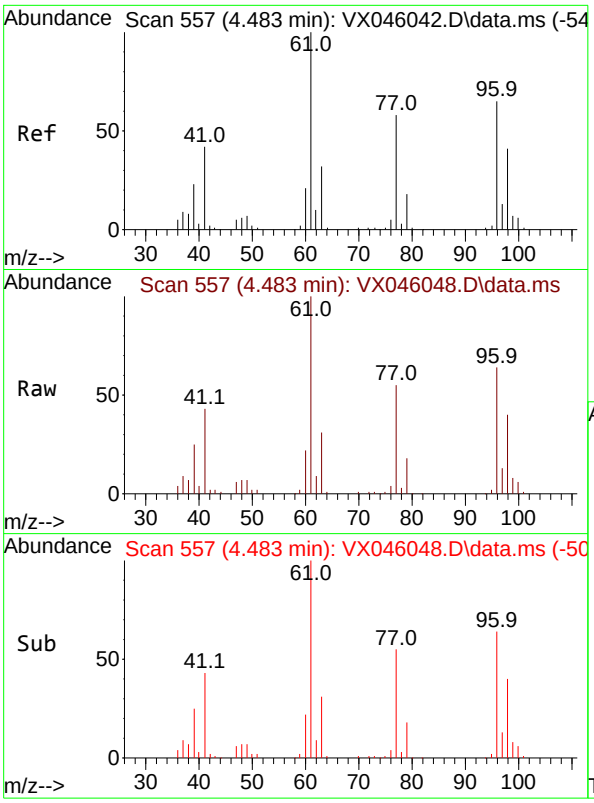


#26
2,2-Dichloropropane
Concen: 49.934 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 77 Resp: 88229

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.5	31.5

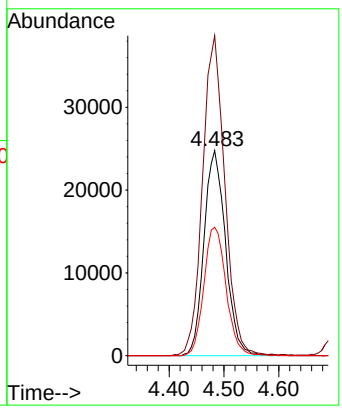




#27
cis-1,2-Dichloroethene
Concen: 50.956 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 96 Resp: 6772

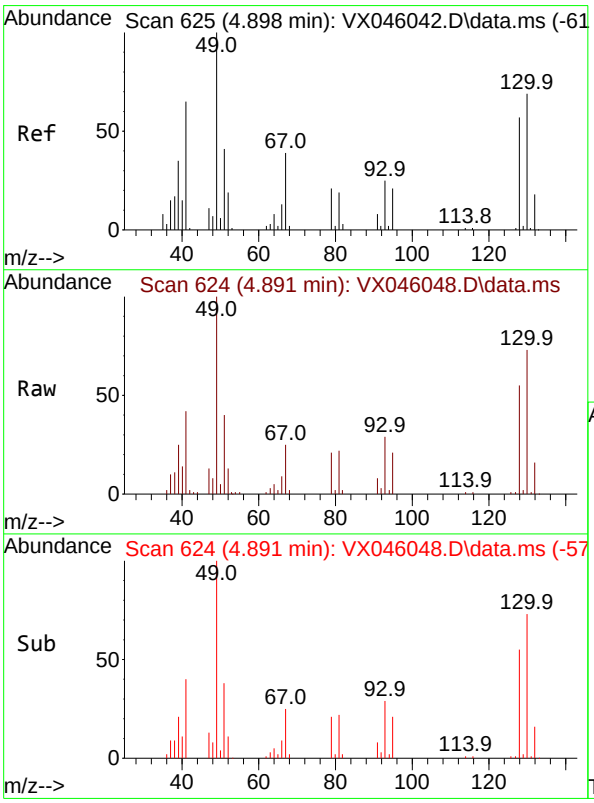
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	322.8
98	64.4	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

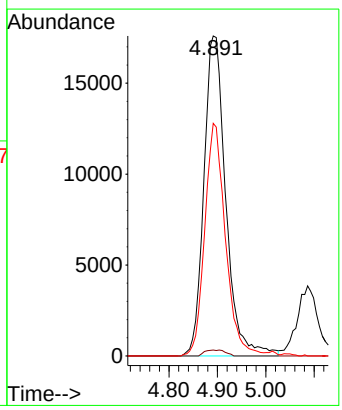
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

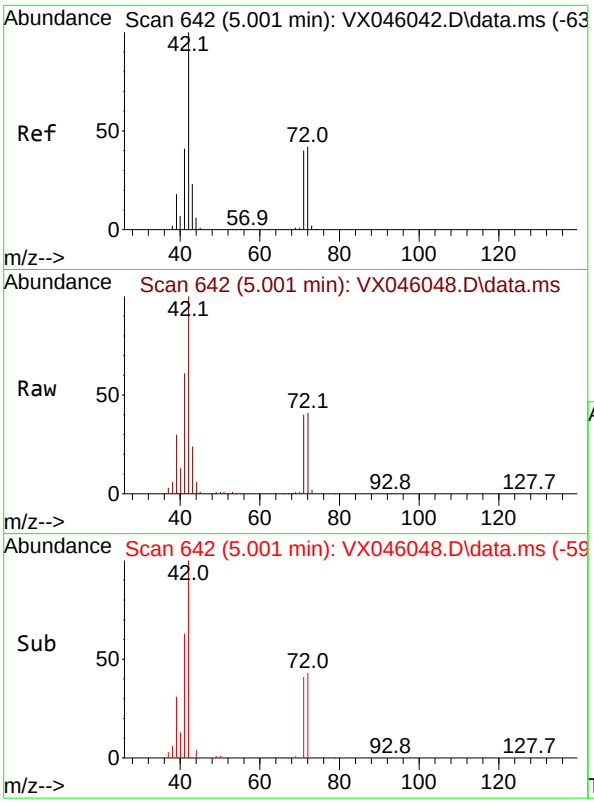


#28
Bromochloromethane
Concen: 50.975 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 49 Resp: 55390

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.7	56.2	84.2

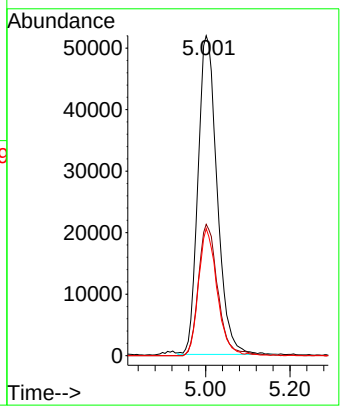




#29
Tetrahydrofuran
Concen: 259.958 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 42 Resp: 16367

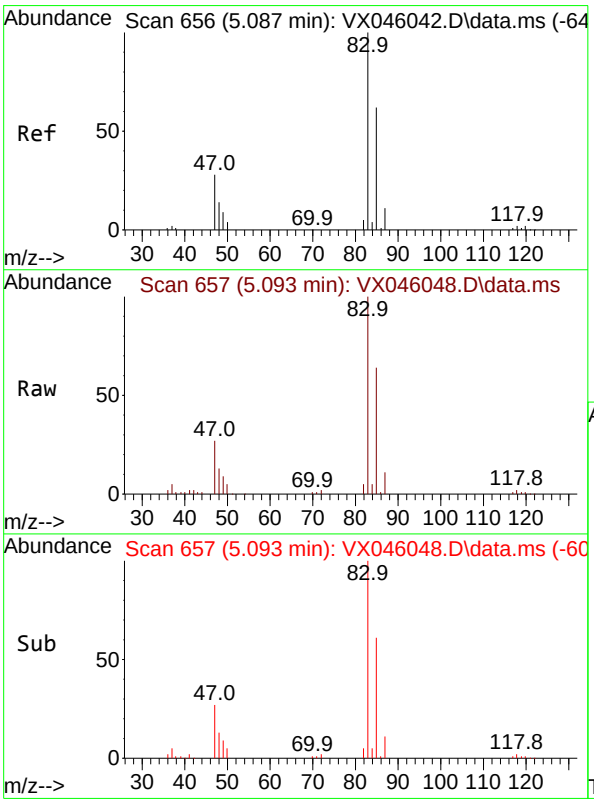
Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.7	50.5
71	38.5	31.4	47.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

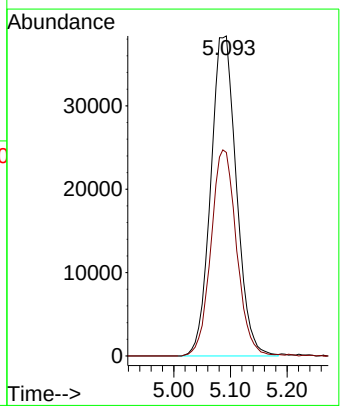
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

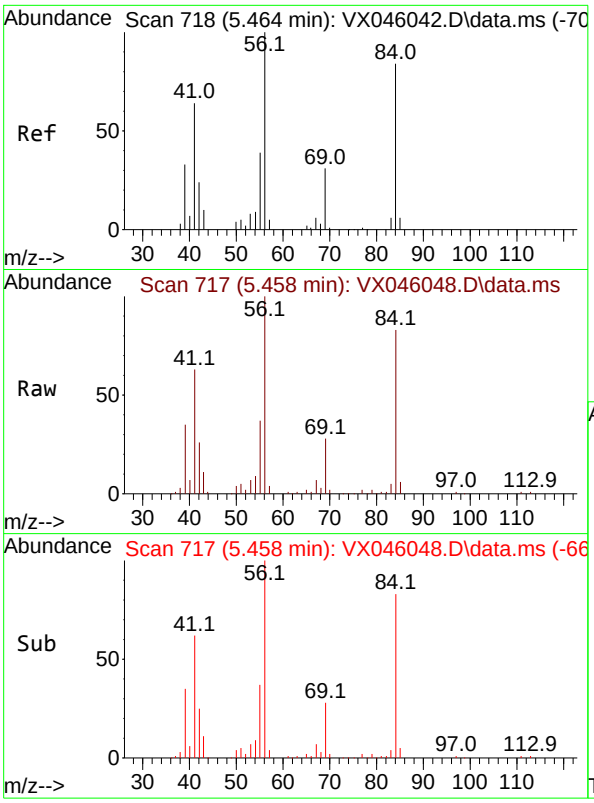


#30
Chloroform
Concen: 51.332 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 120782

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.3	73.9

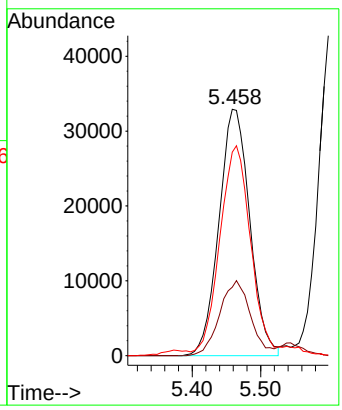




#31
Cyclohexane
Concen: 50.147 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 56 Resp: 10315

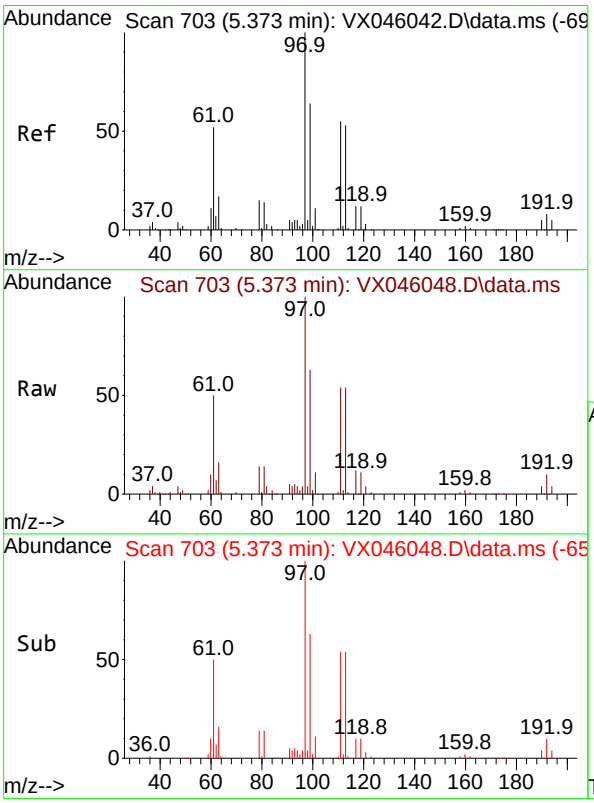
Ion	Ratio	Lower	Upper
56	100		
69	27.8	24.4	36.6
84	80.5	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

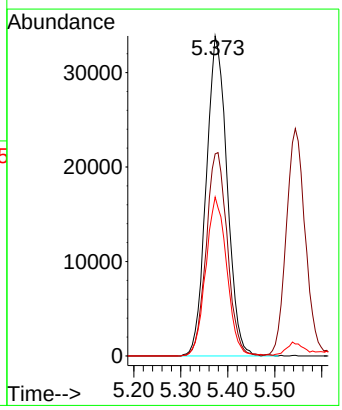
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

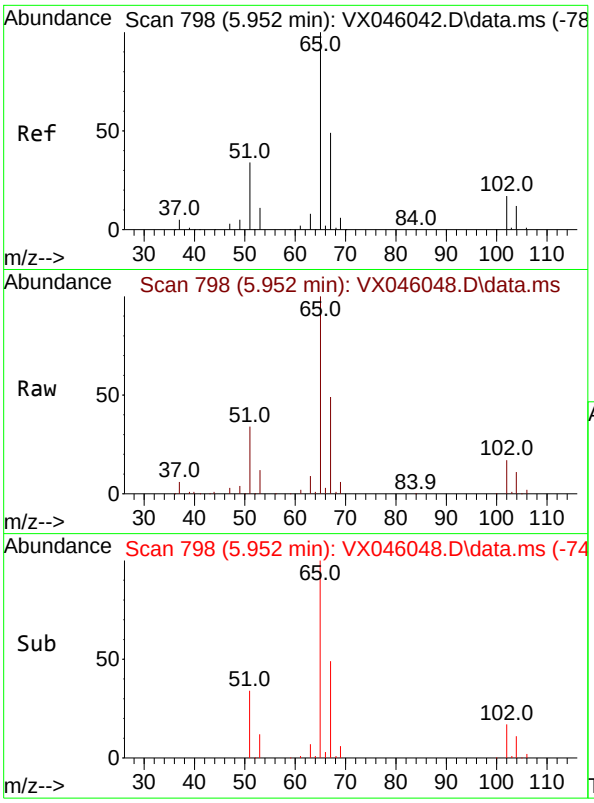


#32
1,1,1-Trichloroethane
Concen: 51.108 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 97 Resp: 104243

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	50.2	40.1	60.1

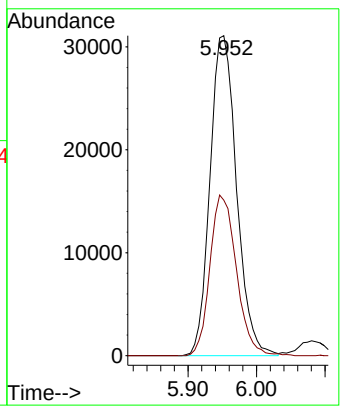




#33
1,2-Dichloroethane-d4
Concen: 48.509 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 65 Resp: 8373

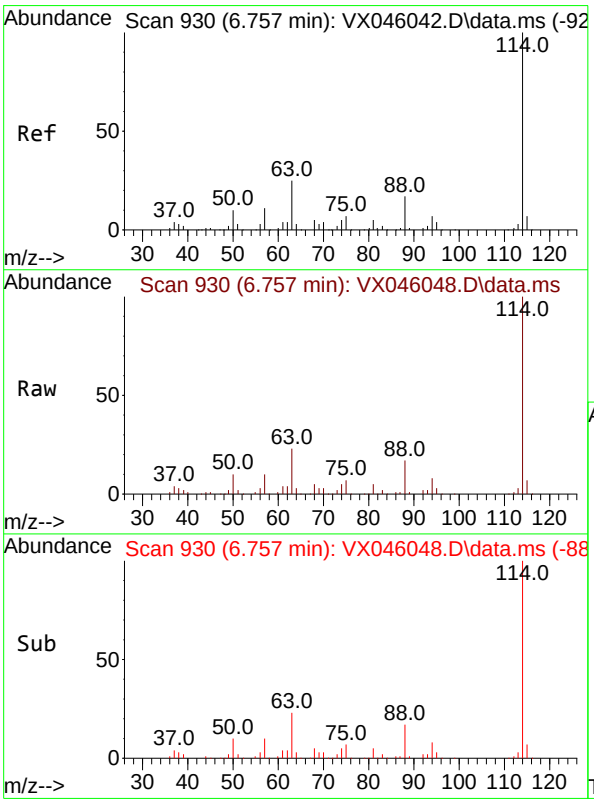
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

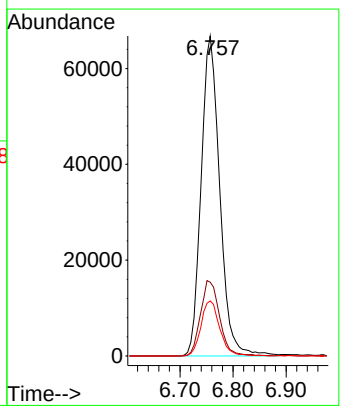
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

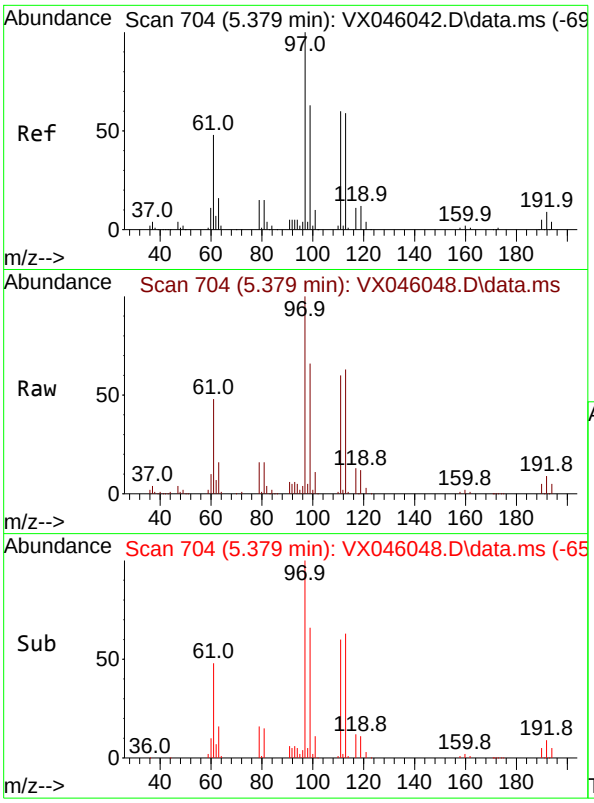


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:114 Resp: 162651

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	49.2
88	17.2	0.0	33.6

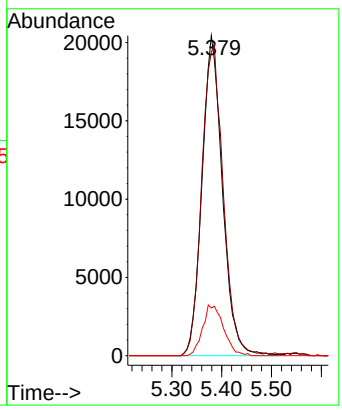




#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:113 Resp: 5819

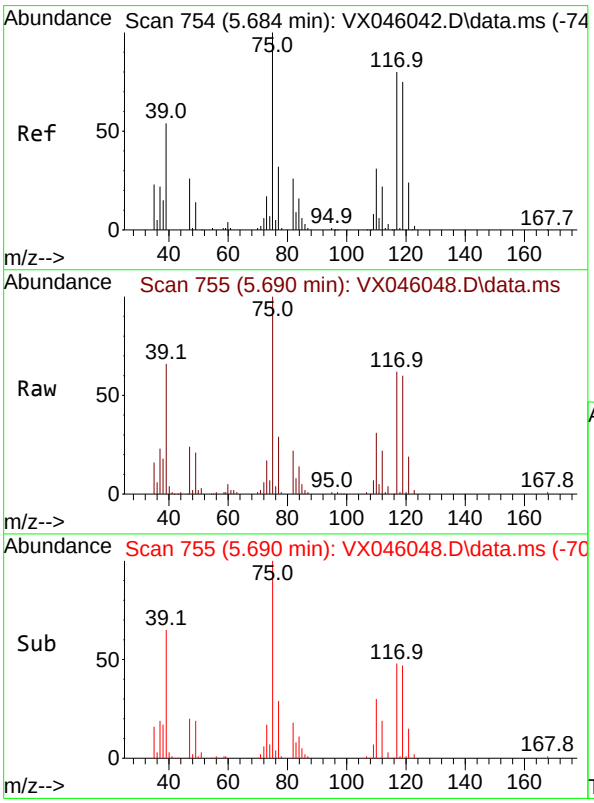
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	16.2	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

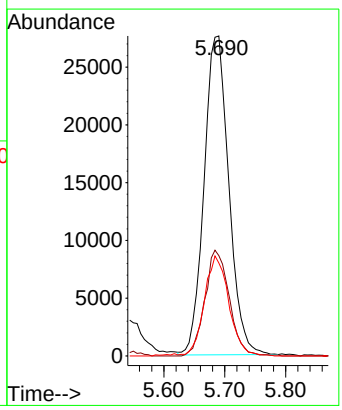
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

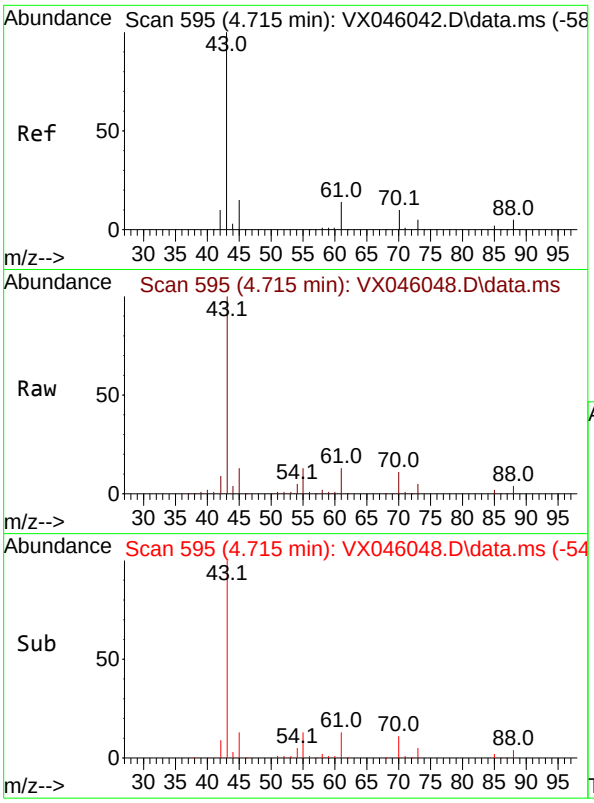


#36
1,1-Dichloropropene
Concen: 49.521 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 77931

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.3	48.9
77	31.1	24.3	36.5

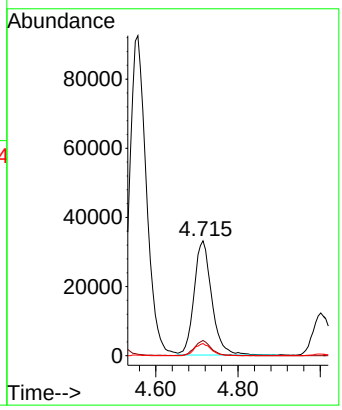




#37
Ethyl Acetate
Concen: 50.714 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 9860

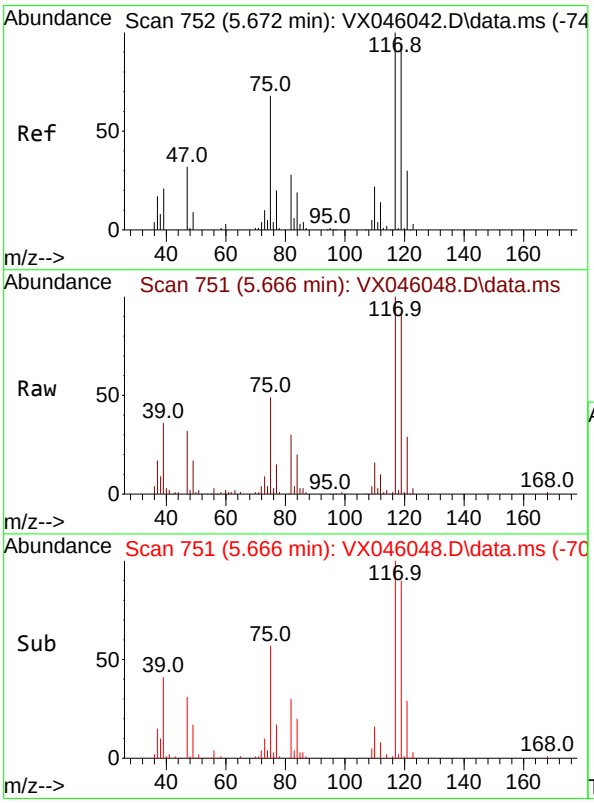
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	10.0	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

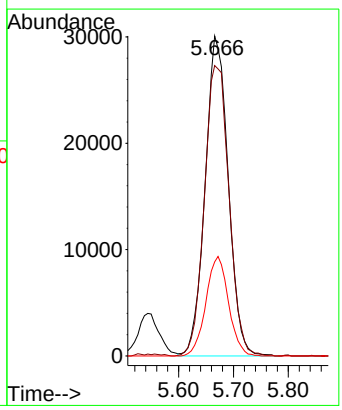
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

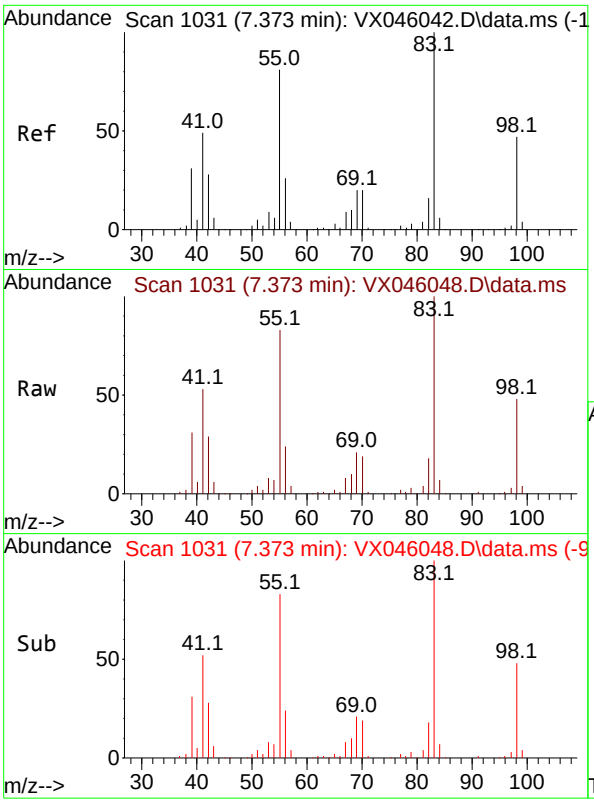


#38
Carbon Tetrachloride
Concen: 49.825 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 88100

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.2	112.8
121	29.4	24.2	36.4

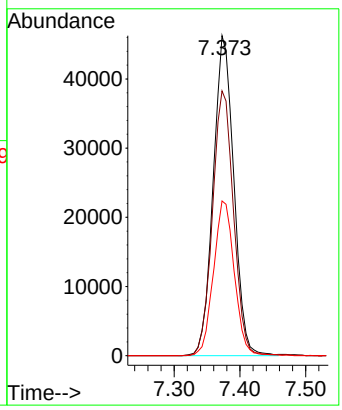




#39
Methylcyclohexane
Concen: 49.757 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 10080

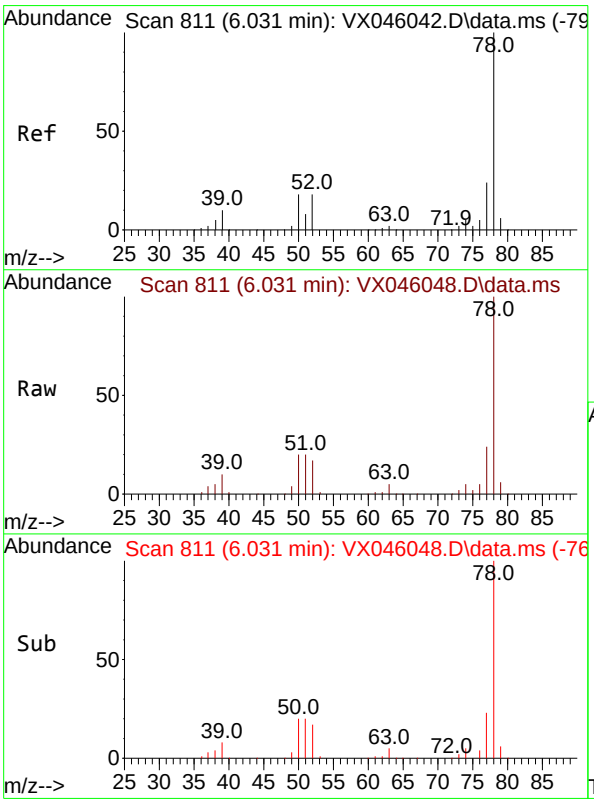
Ion	Ratio	Lower	Upper
83	100		
55	82.7	64.7	97.1
98	48.3	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

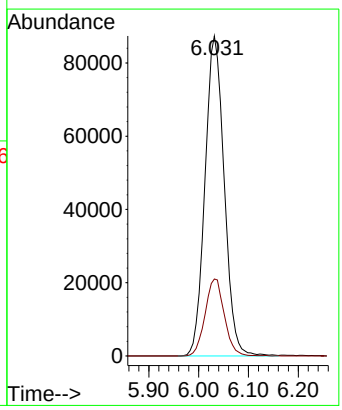
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

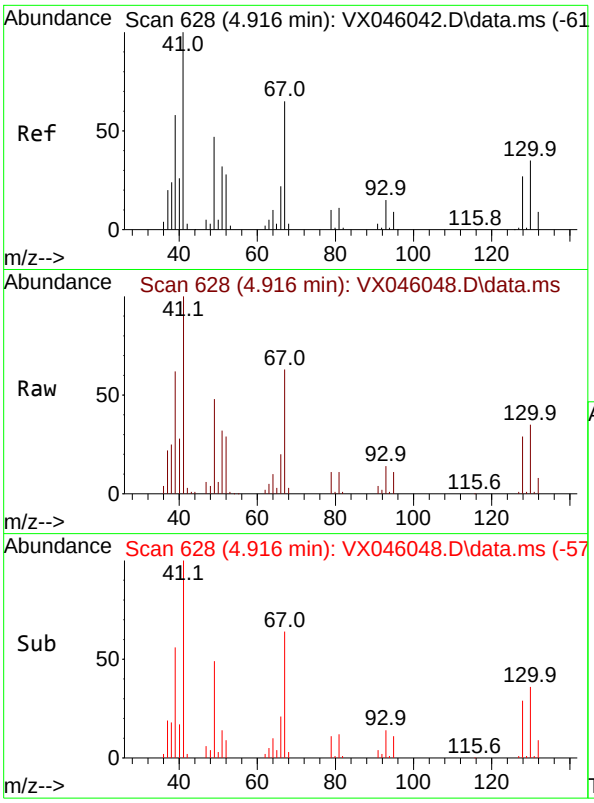


#40
Benzene
Concen: 50.759 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 78 Resp: 233977

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

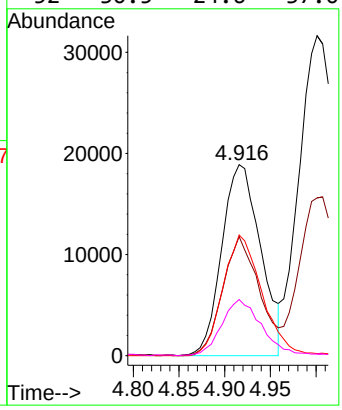




#41
Methacrylonitrile
Concen: 55.076 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 41 Resp: 5601

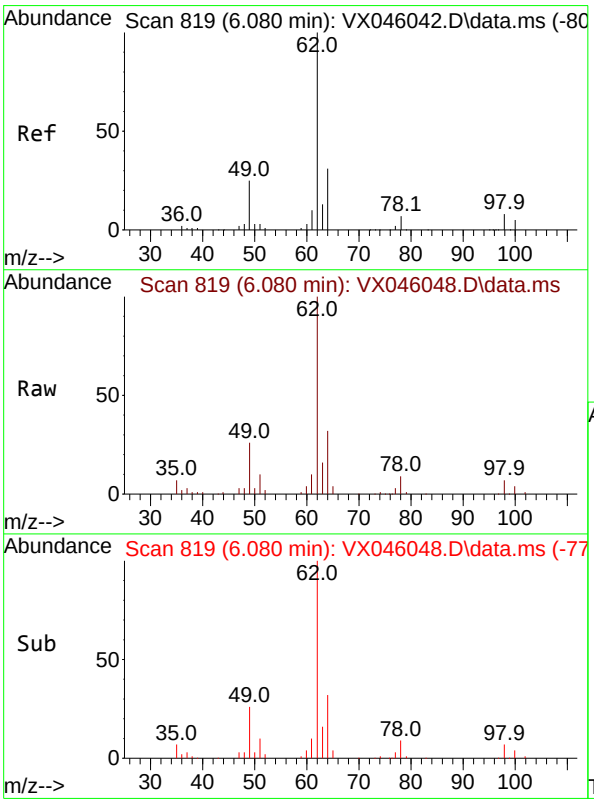
Ion	Ratio	Lower	Upper
41	100		
39	58.7	47.2	70.8
67	63.7	50.7	76.1
52	30.5	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

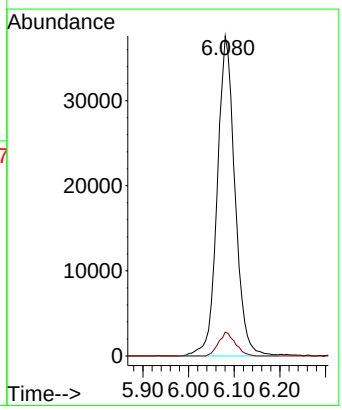
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

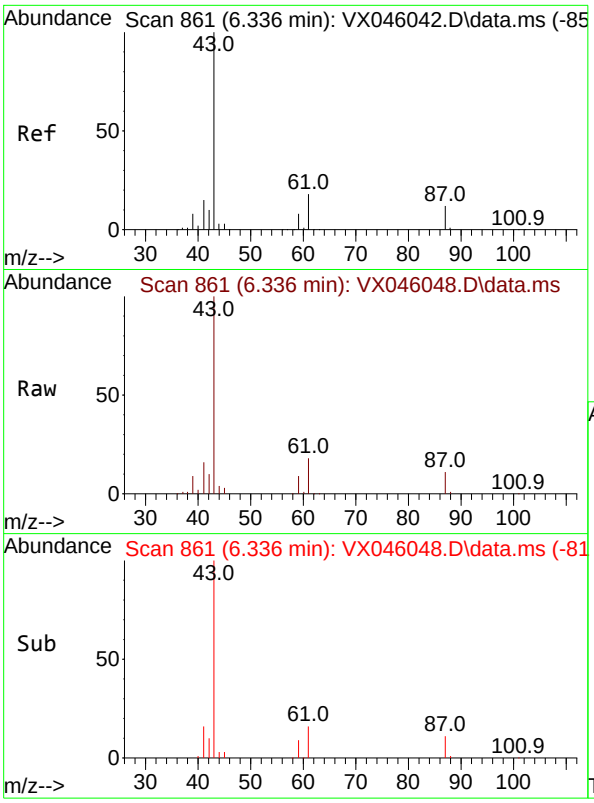


#42
1,2-Dichloroethane
Concen: 50.861 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 62 Resp: 101185

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.2

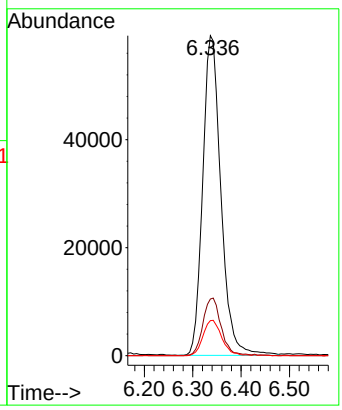




#43
Isopropyl Acetate
Concen: 52.195 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 15481

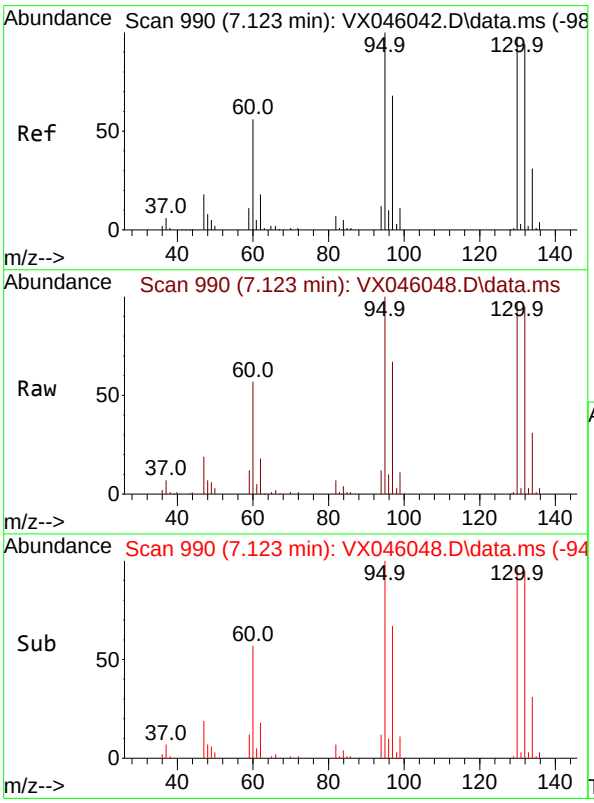
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.4	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

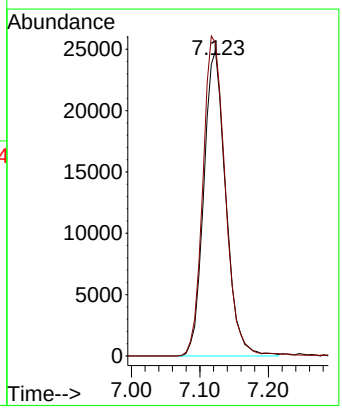
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

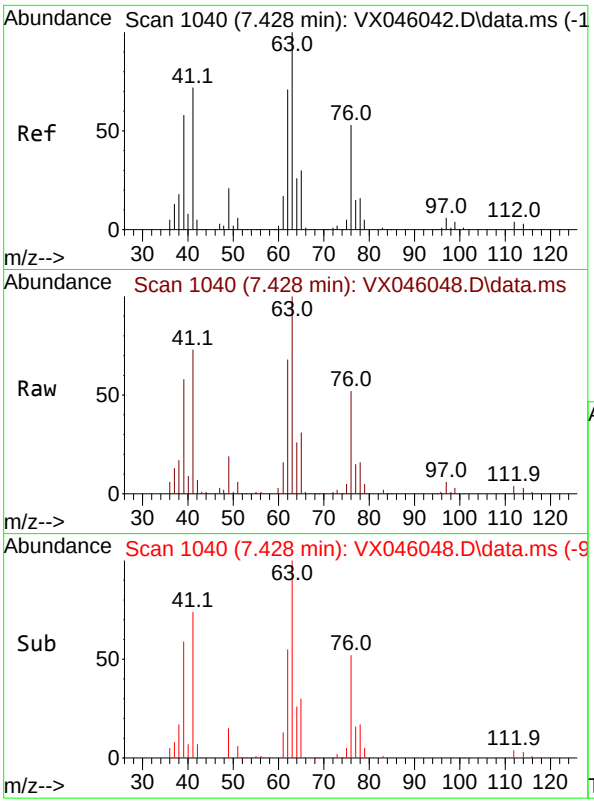


#44
Trichloroethene
Concen: 50.018 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:130 Resp: 55491

Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	204.2

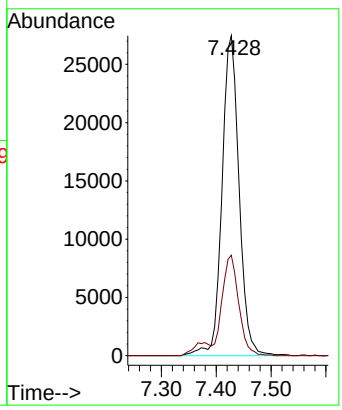




#45
1,2-Dichloropropane
Concen: 51.983 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 63 Resp: 5958

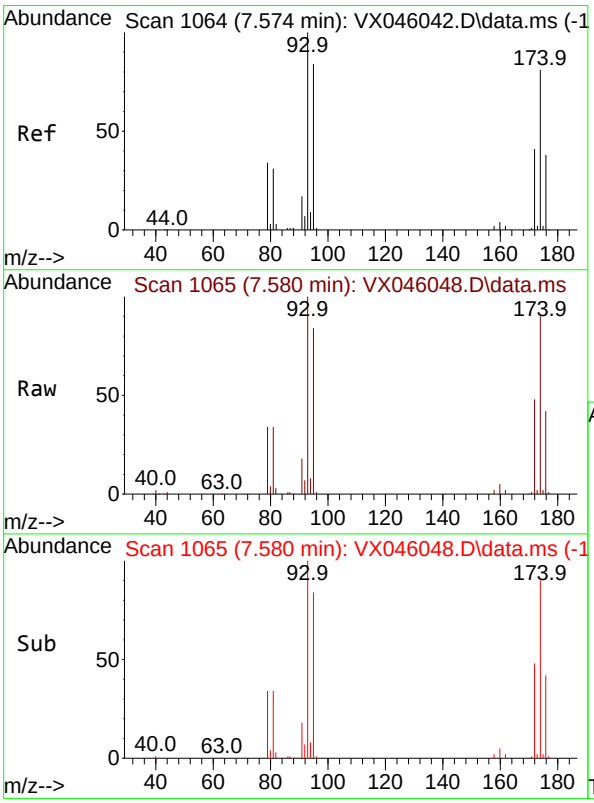
Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

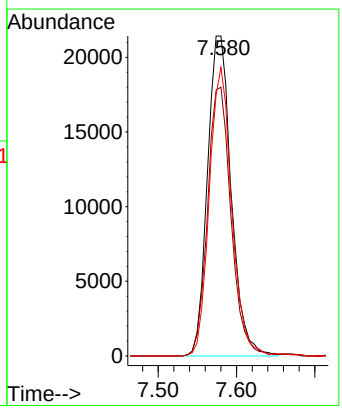
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

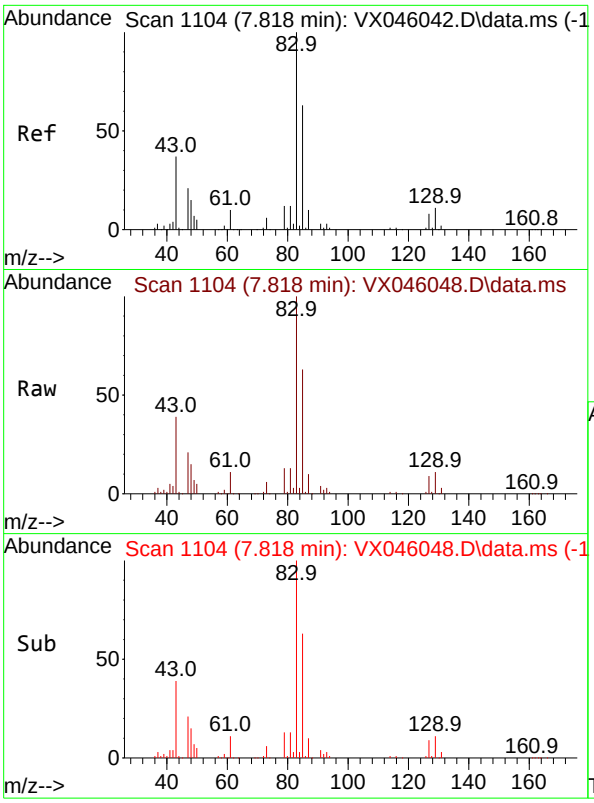


#46
Dibromomethane
Concen: 49.978 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 93 Resp: 45181

Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.6	98.4
174	84.8	68.2	102.2

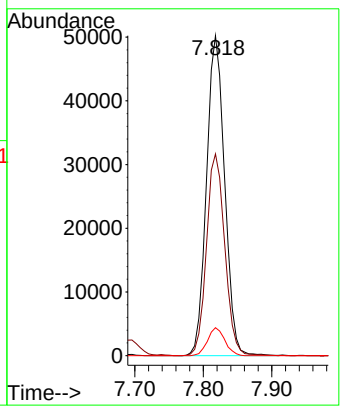




#47
Bromodichloromethane
Concen: 51.889 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 9238

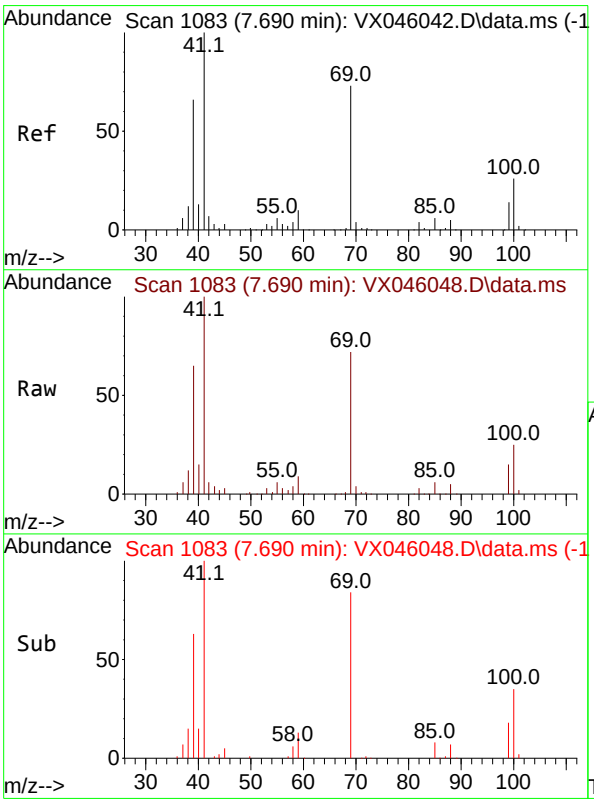
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.5	75.7
127	8.8	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

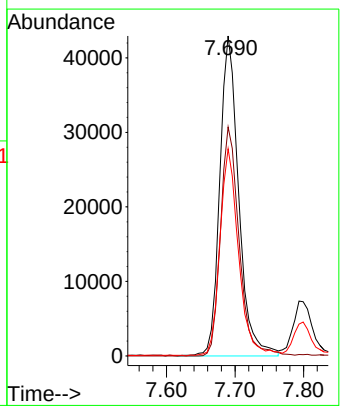
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

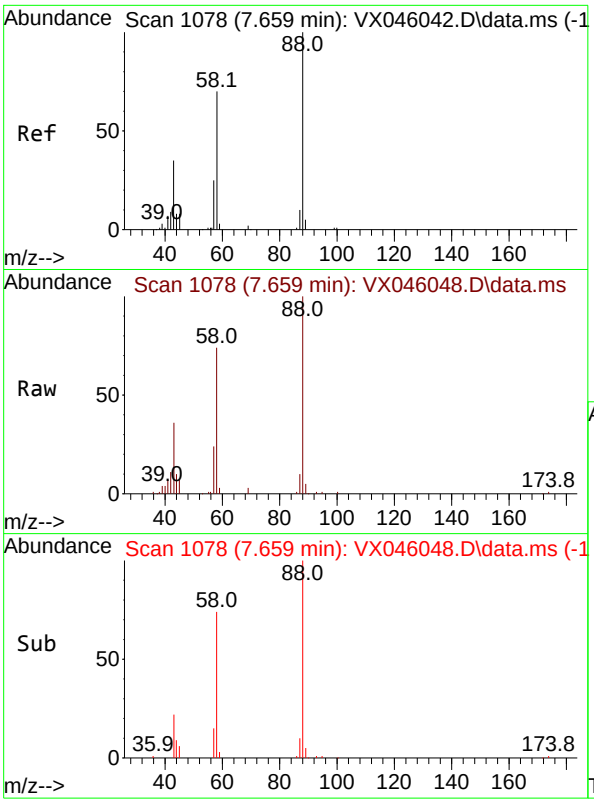


#48
Methyl methacrylate
Concen: 54.226 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 41 Resp: 82144

Ion	Ratio	Lower	Upper
41	100		
69	70.4	58.5	87.7
39	64.2	51.7	77.5





#49
1,4-Dioxane
Concen: 1059.599 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

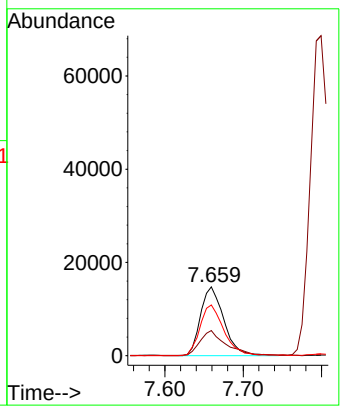
Tgt Ion: 88 Resp: 3047

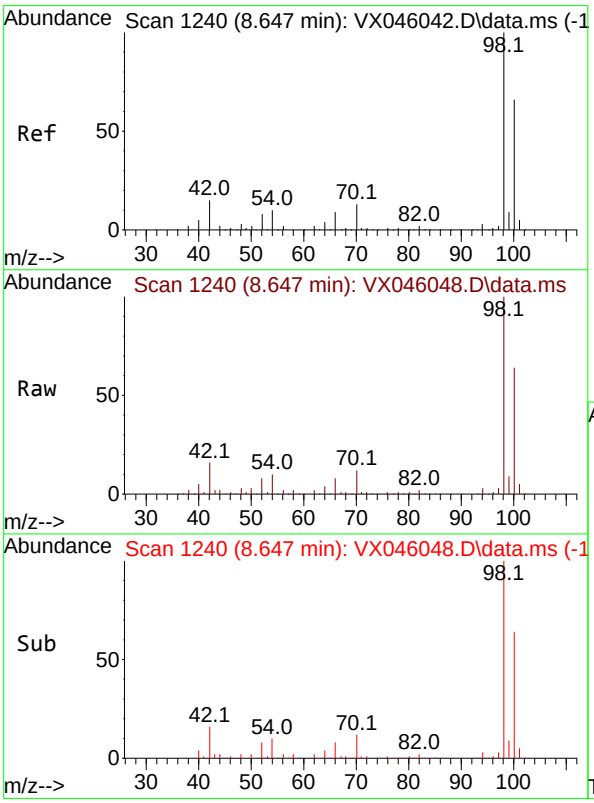
Ion	Ratio	Lower	Upper
88	100		
43	39.9	33.4	50.2
58	76.2	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

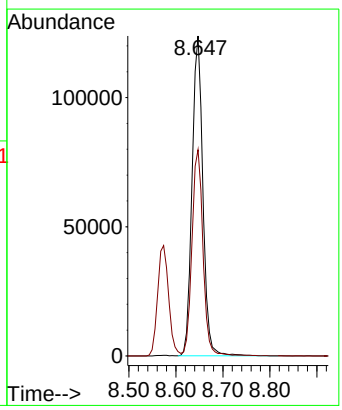


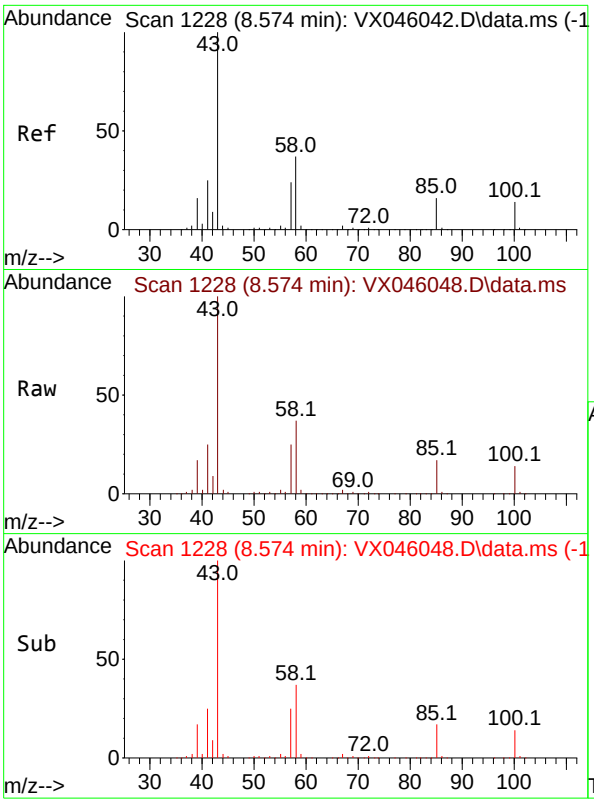


#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 98 Resp: 198575

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

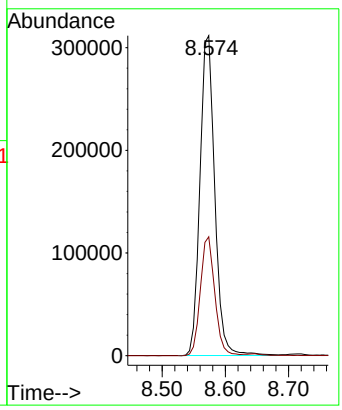




#51
4-Methyl-2-Pentanone
Concen: 259.133 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 51020

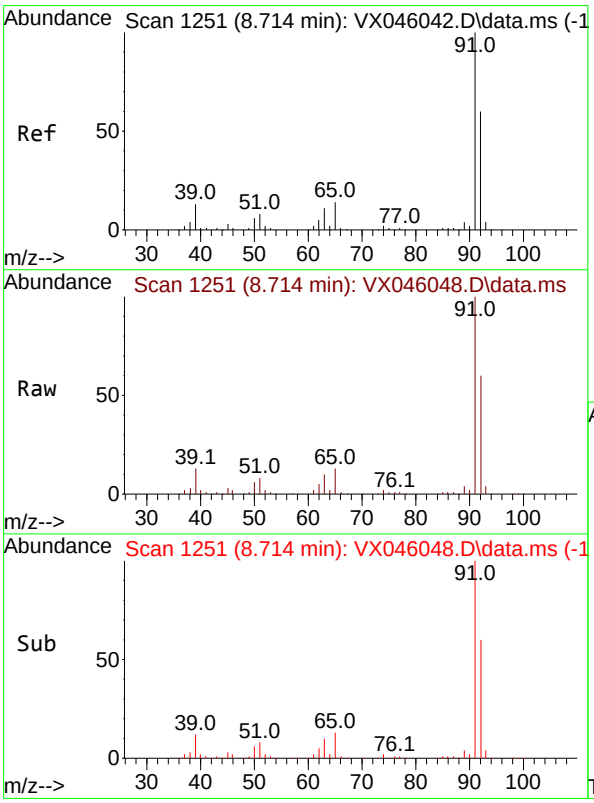
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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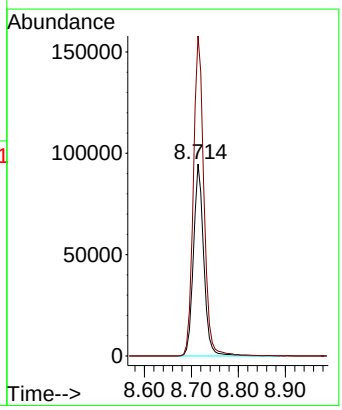
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

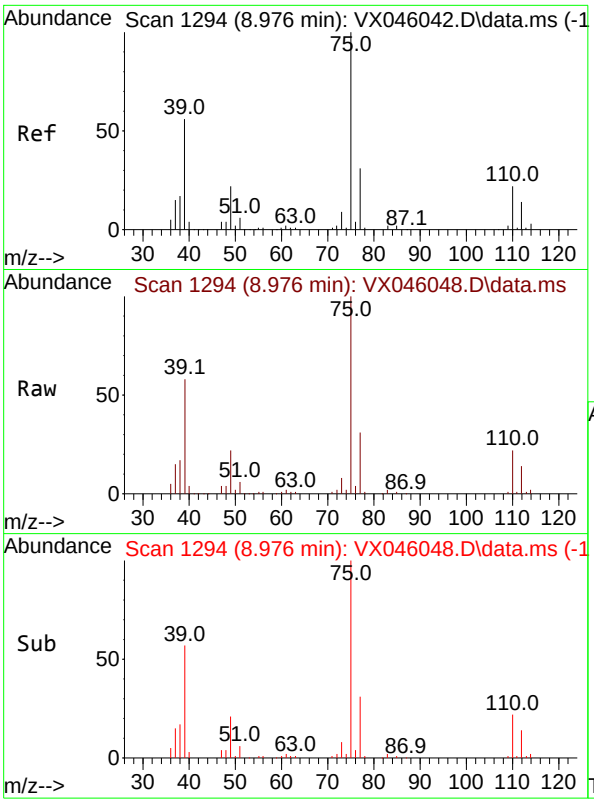


#52
Toluene
Concen: 51.150 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 92 Resp: 144574

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.6	205.0

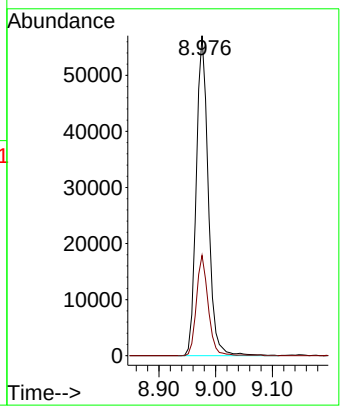




#53
t-1,3-Dichloropropene
Concen: 52.920 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 8375

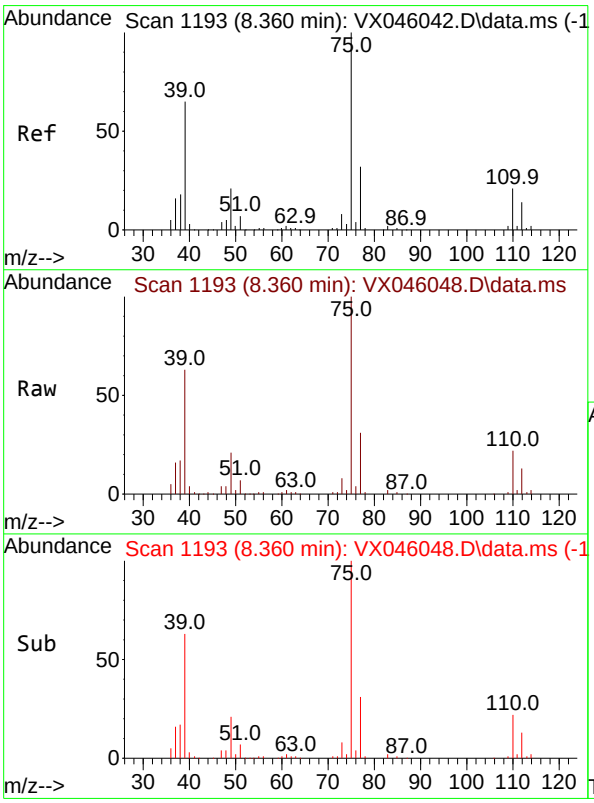
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

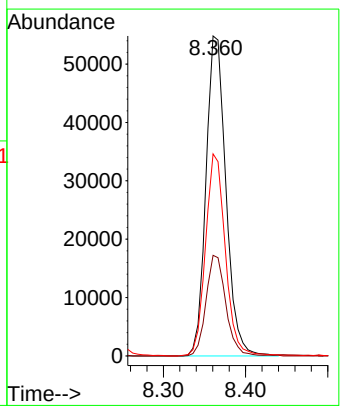
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

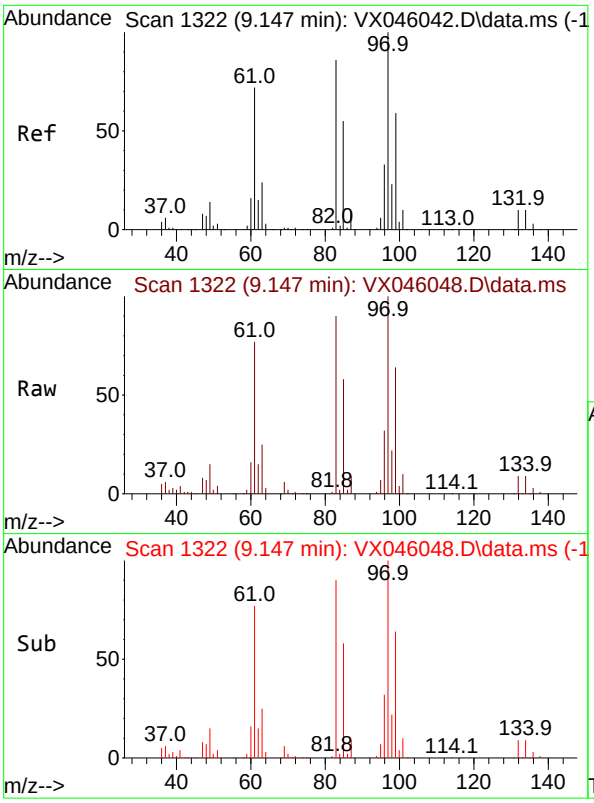


#54
cis-1,3-Dichloropropene
Concen: 52.892 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 92517

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	63.2	52.2	78.4

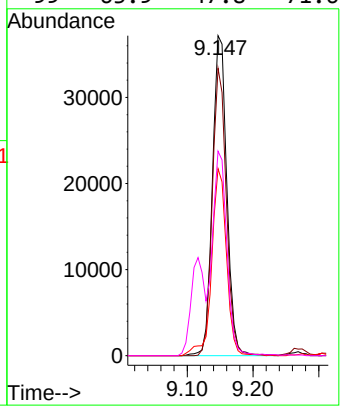




#55
1,1,2-Trichloroethane
Concen: 50.887 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 97 Resp: 5671

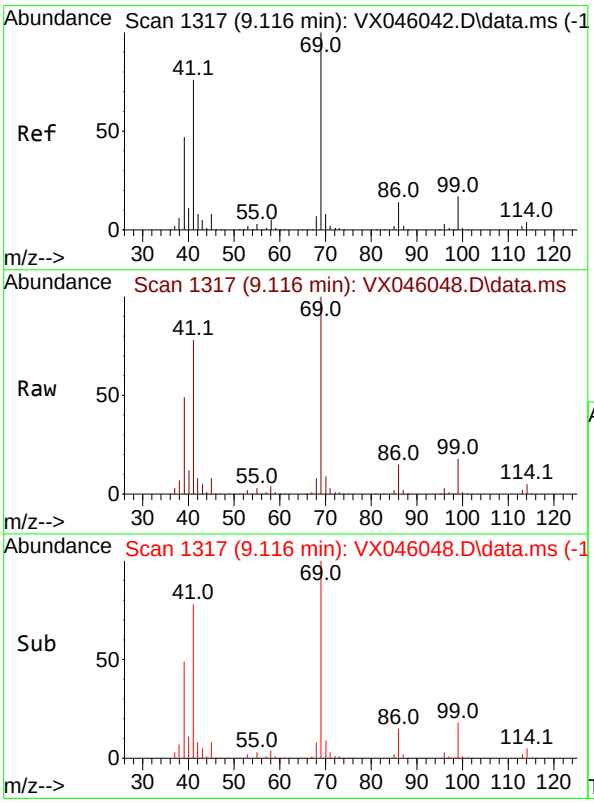
Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.6
85	58.4	44.3	66.5
99	63.9	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

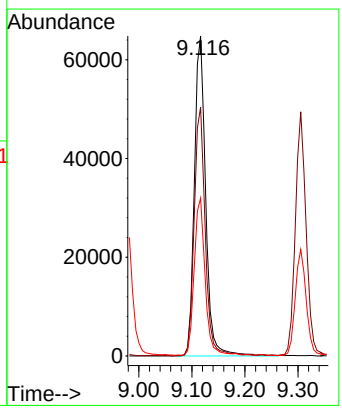
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

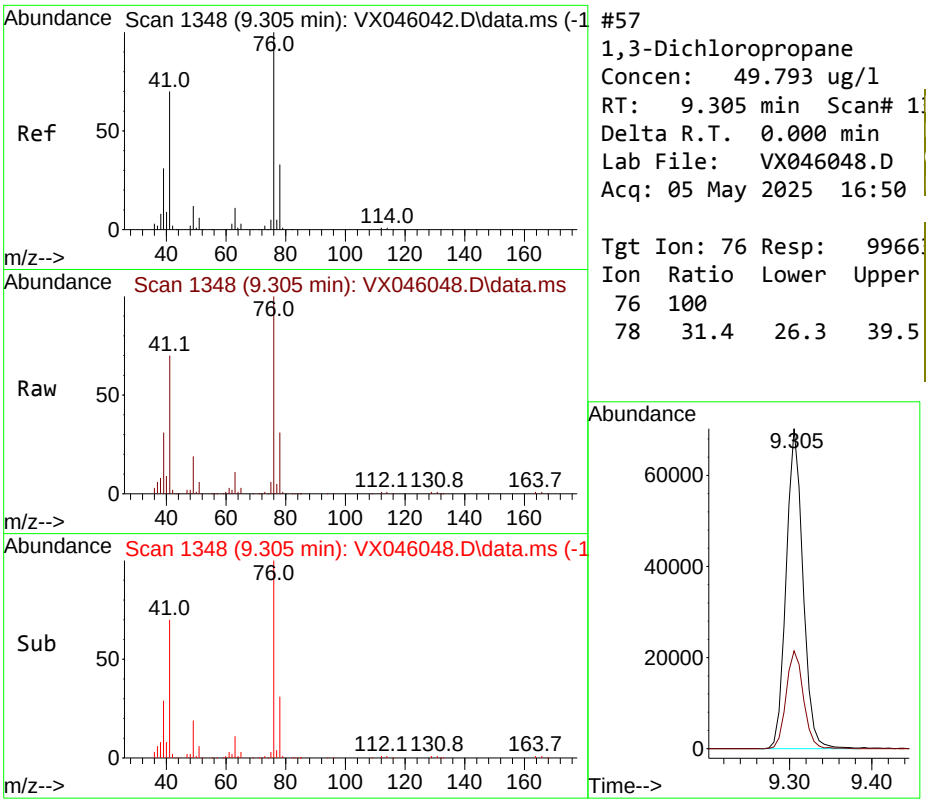


#56
Ethyl methacrylate
Concen: 53.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 69 Resp: 95772

Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.8	91.2
39	47.4	39.0	58.6





#57
1,3-Dichloropropane
Concen: 49.793 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

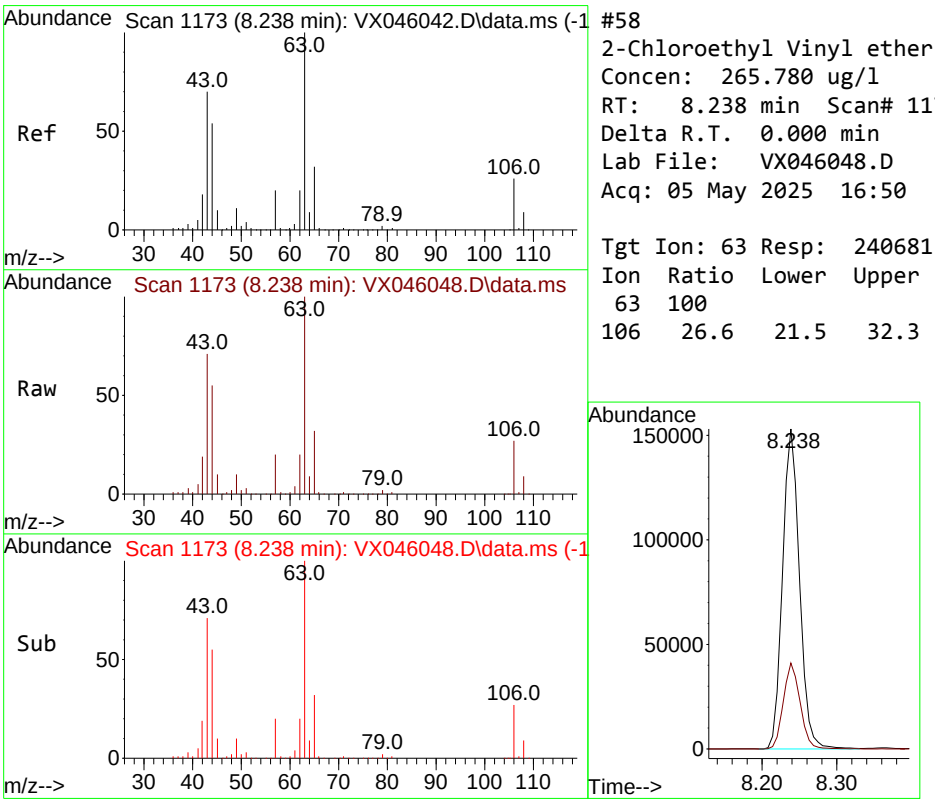
Tgt Ion: 76 Resp: 9966

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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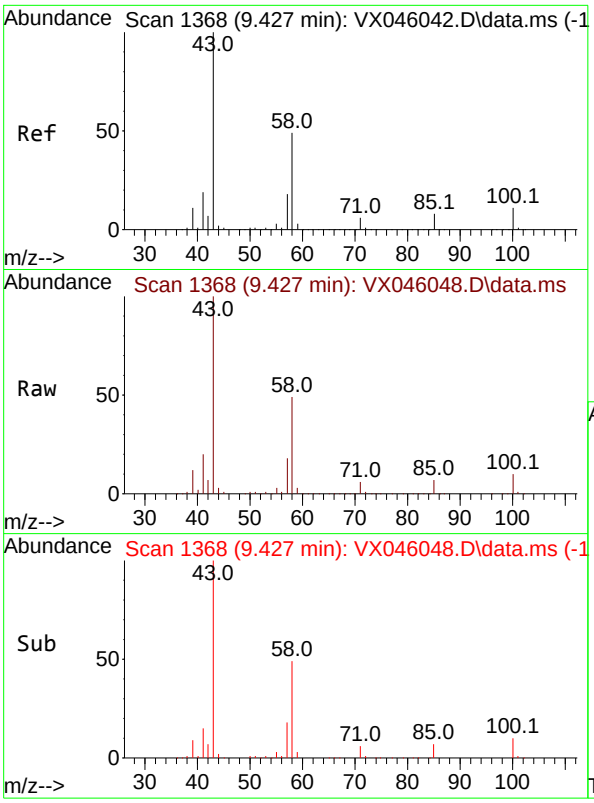
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 265.780 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 63 Resp: 240681

Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.5	32.3



#59
2-Hexanone
Concen: 268.218 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

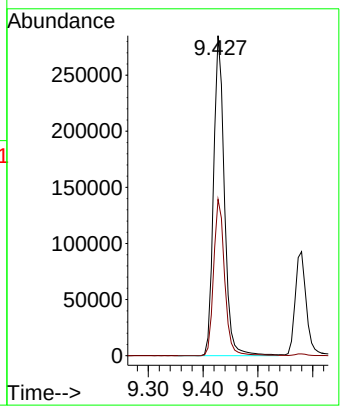
Tgt Ion: 43 Resp: 39070

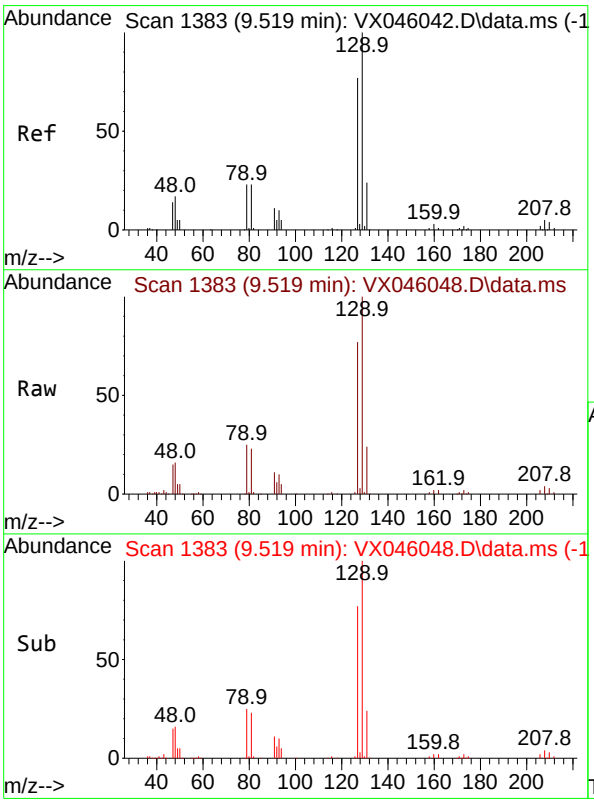
Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

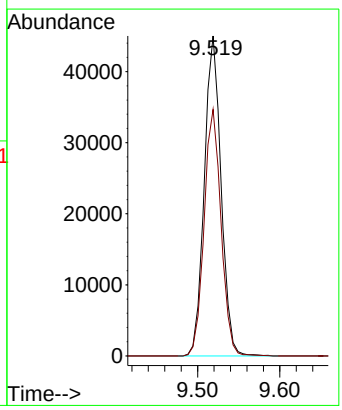


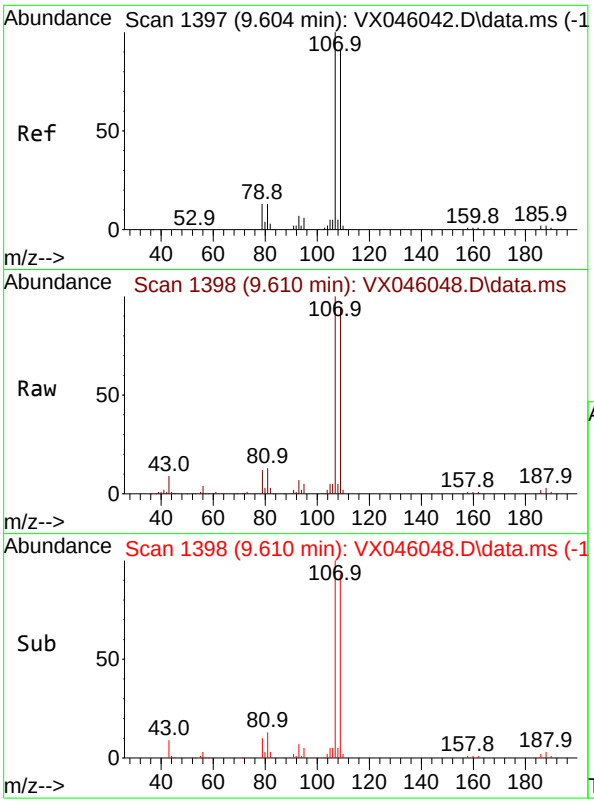


#60
Dibromochloromethane
Concen: 52.075 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:129 Resp: 63738

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.8

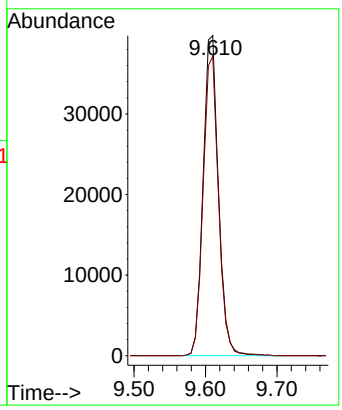




#61
1,2-Dibromoethane
Concen: 51.050 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:107 Resp: 5913

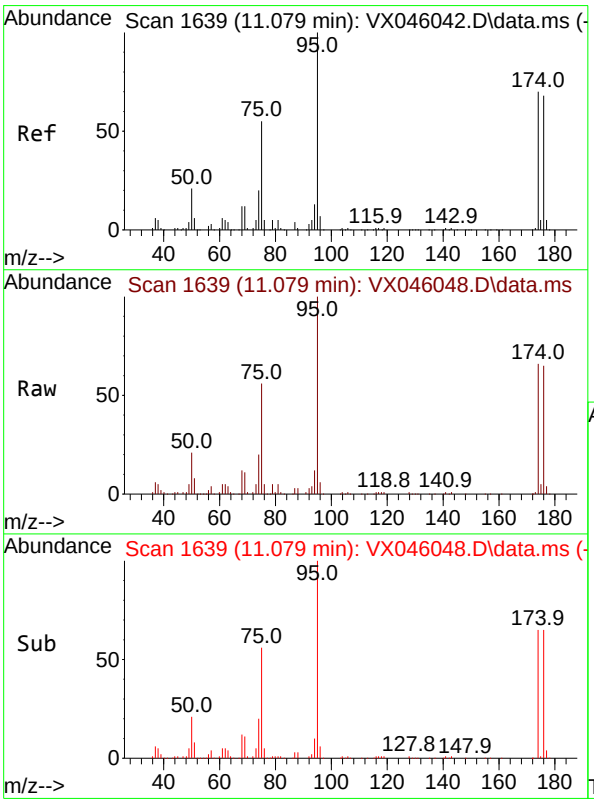
Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
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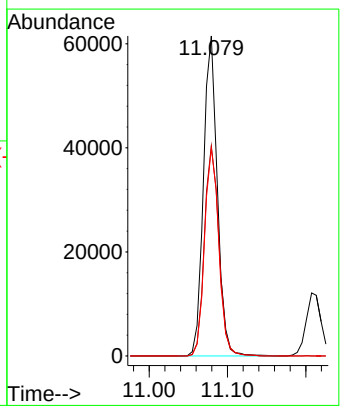
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

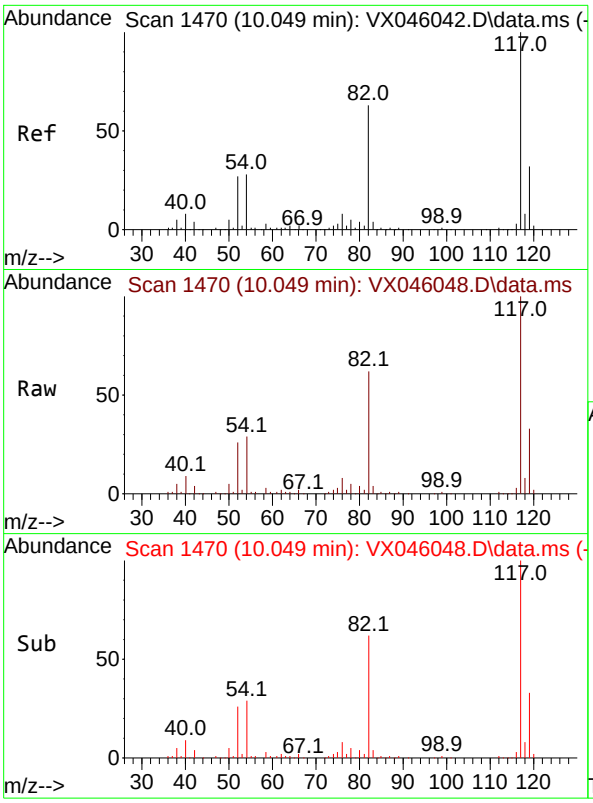


#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 95 Resp: 75568

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	135.8
176	66.5	0.0	131.4

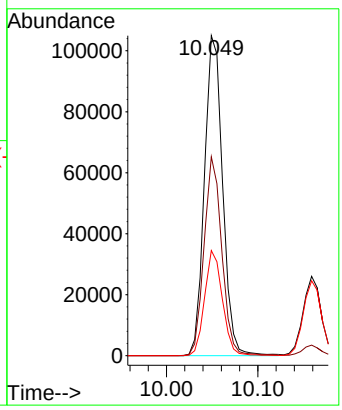




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 14507

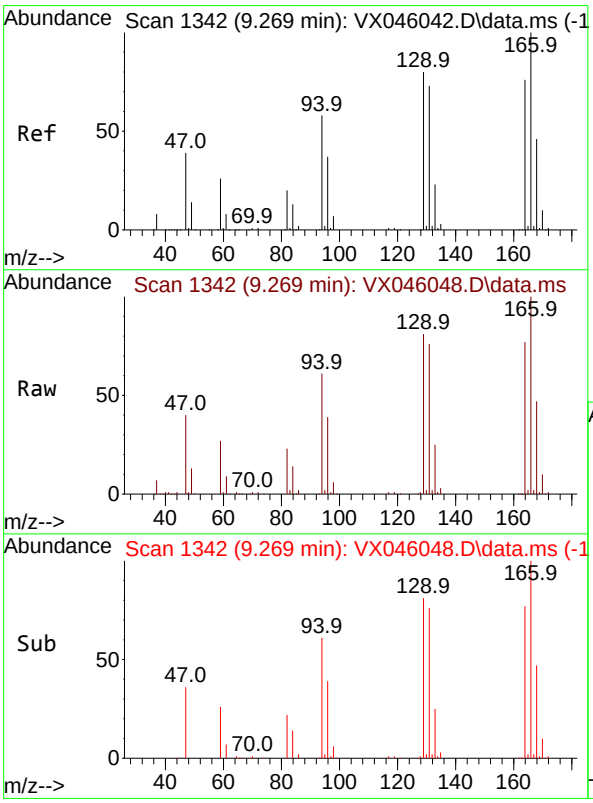
Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.6	76.0
119	32.9	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

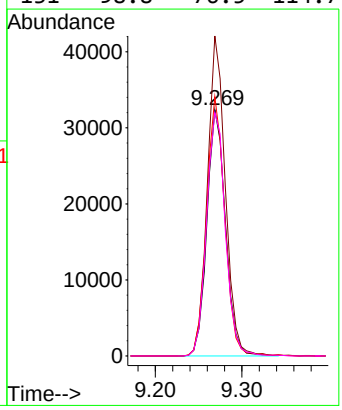
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

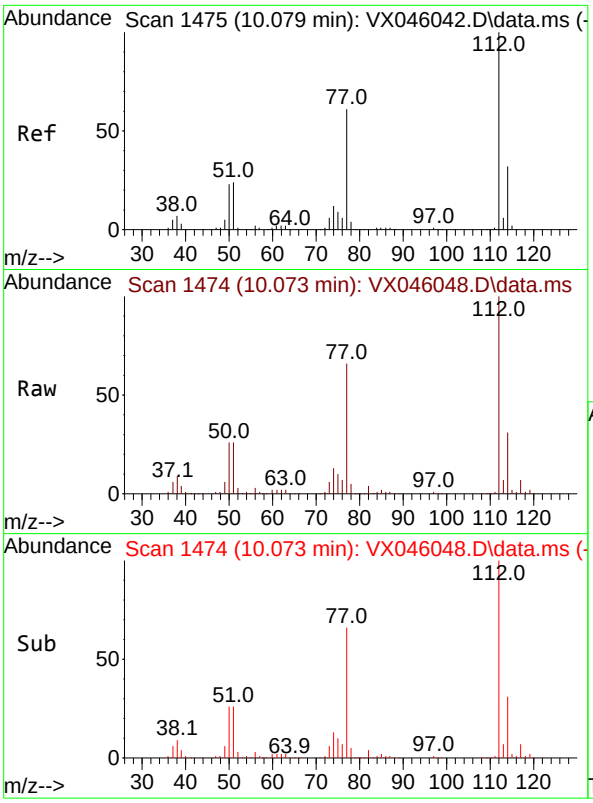


#64
Tetrachloroethene
Concen: 46.795 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:164 Resp: 48034

Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.0	157.6
129	105.3	83.5	125.3
131	98.8	76.5	114.7

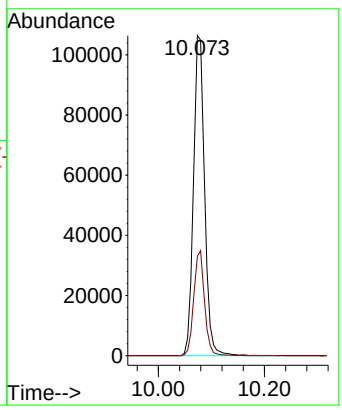




#65
Chlorobenzene
Concen: 48.699 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:112 Resp: 15464

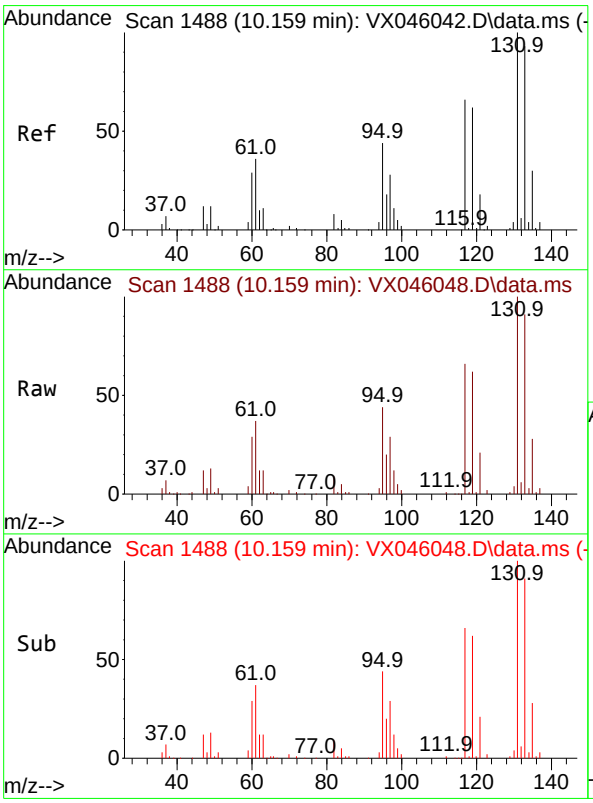
Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

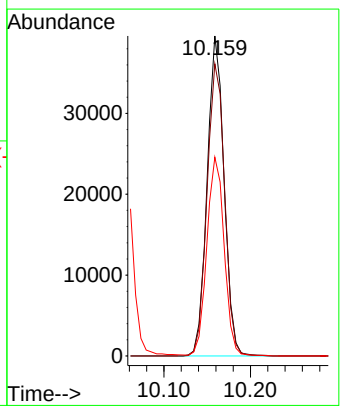
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

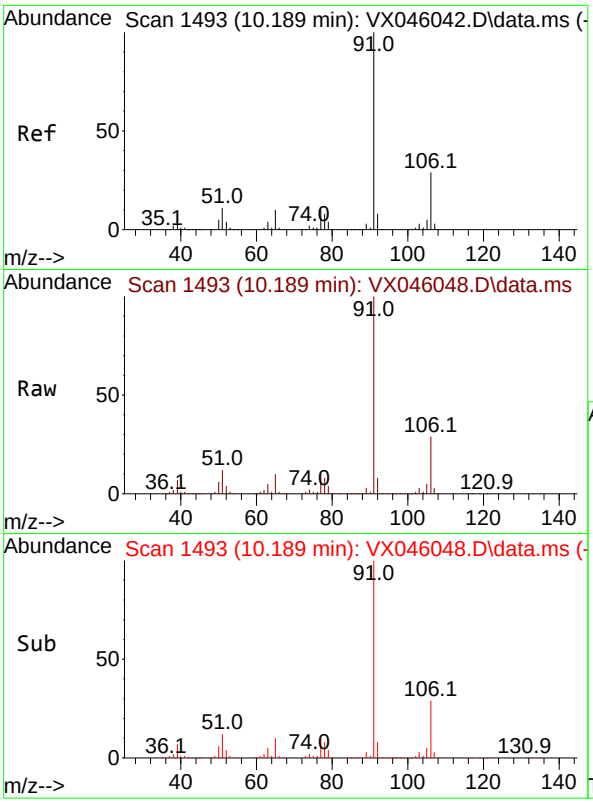


#66
1,1,1,2-Tetrachloroethane
Concen: 49.557 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:131 Resp: 53735

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	63.7	31.6	95.0

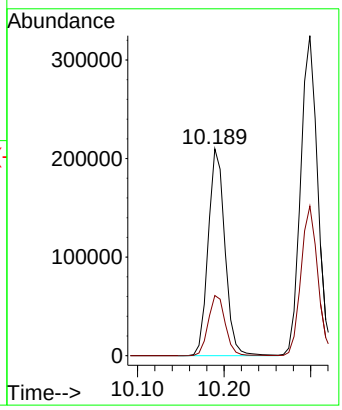




#67
Ethyl Benzene
Concen: 50.245 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 28123

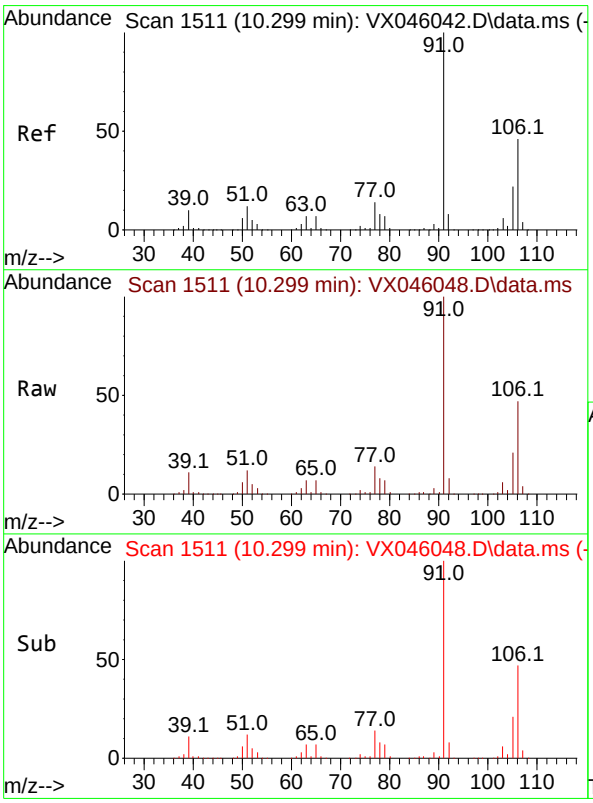
Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

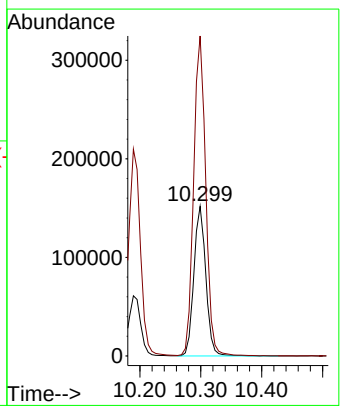
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

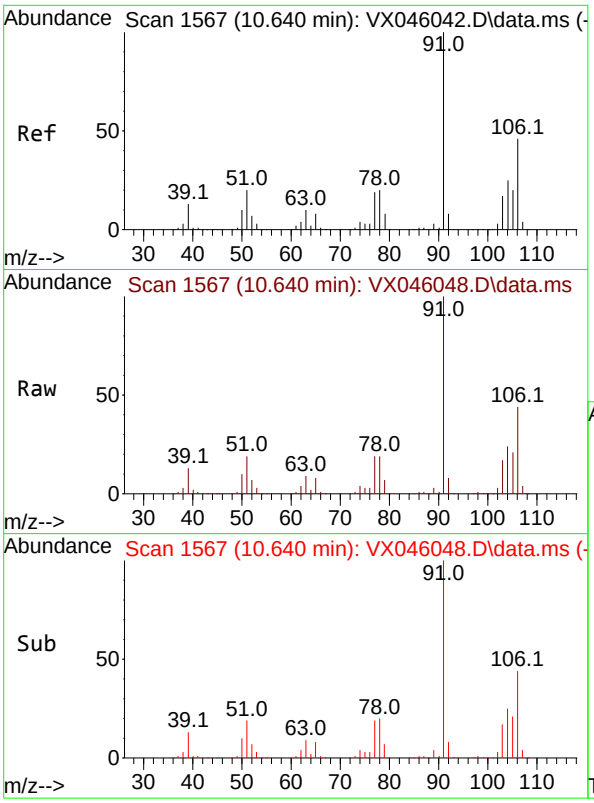


#68
m/p-Xylenes
Concen: 101.022 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:106 Resp: 206813

Ion	Ratio	Lower	Upper
106	100		
91	215.6	171.2	256.8

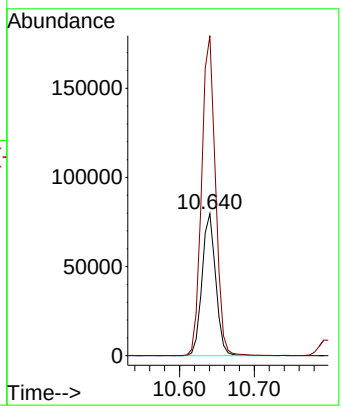




#69
o-Xylene
Concen: 50.841 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:106 Resp: 10146

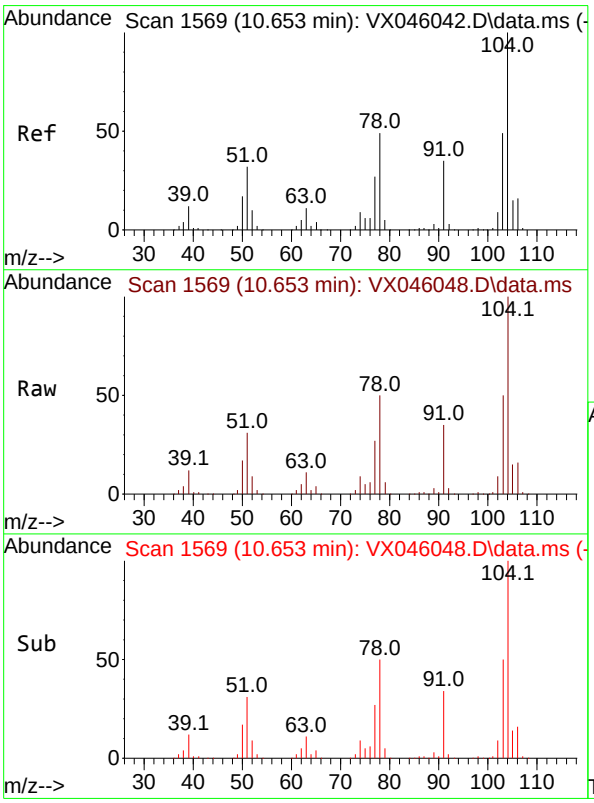
Ion	Ratio	Lower	Upper
106	100		
91	227.7	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

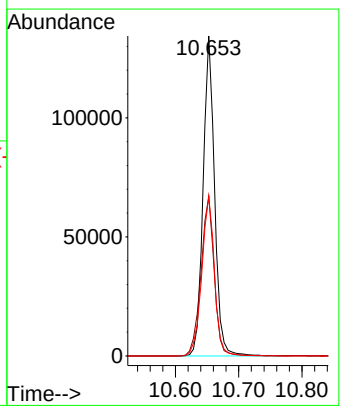
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

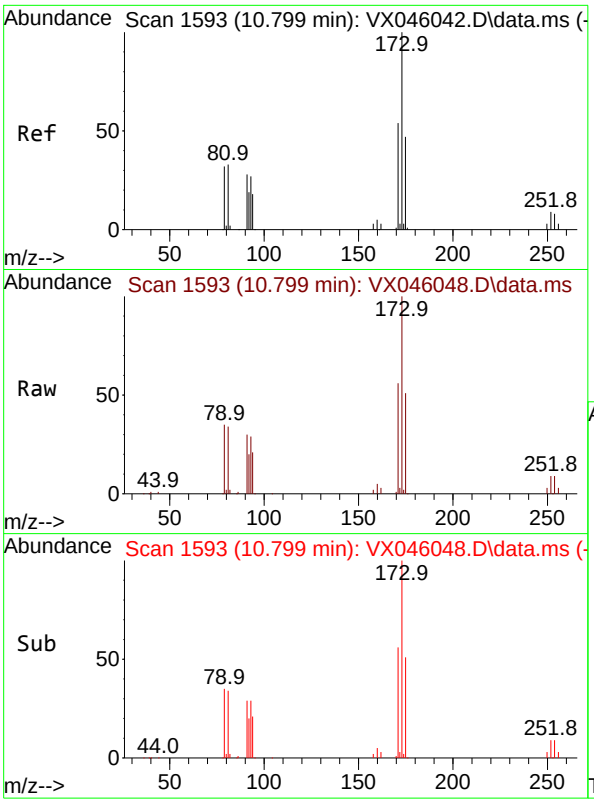


#70
Styrene
Concen: 51.907 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:104 Resp: 169703

Ion	Ratio	Lower	Upper
104	100		
78	57.6	45.7	68.5
103	55.5	43.7	65.5

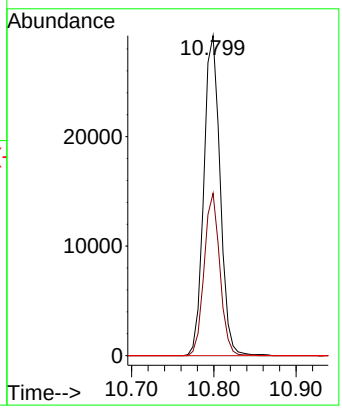




#71
Bromoform
Concen: 49.583 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:173 Resp: 4036

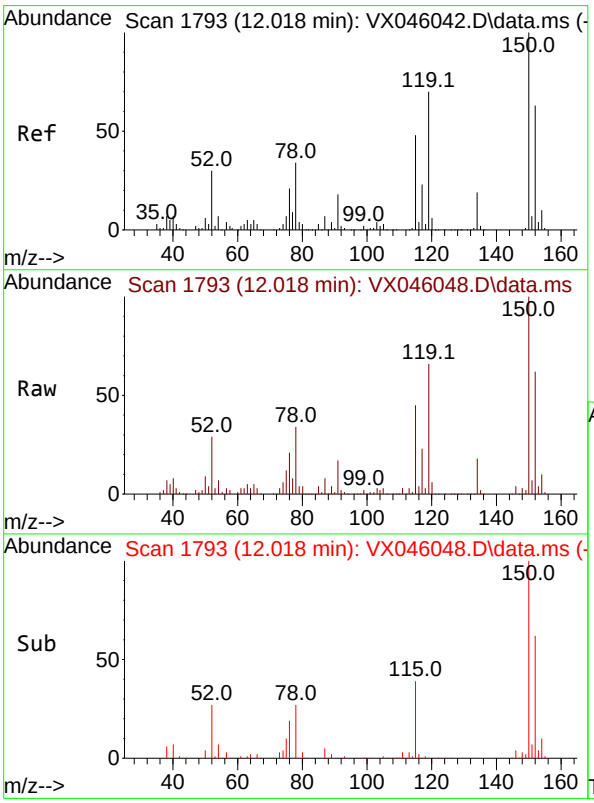
Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

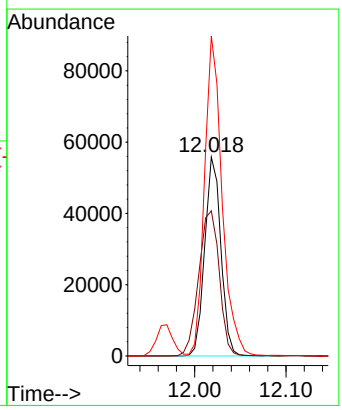
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

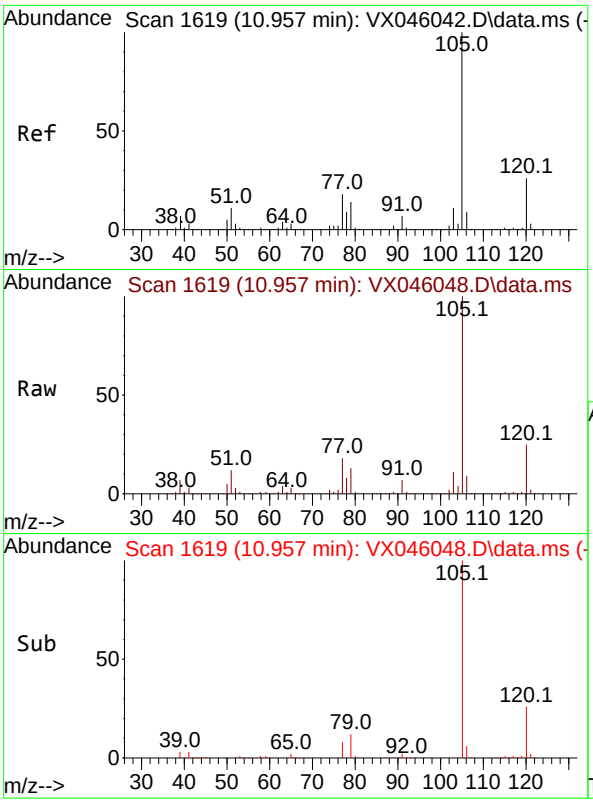


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:152 Resp: 68229

Ion	Ratio	Lower	Upper
152	100		
115	93.3	46.9	140.7
150	175.3	0.0	351.0

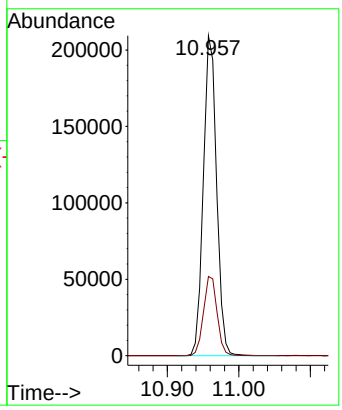




#73
Isopropylbenzene
Concen: 50.733 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:105 Resp: 26948

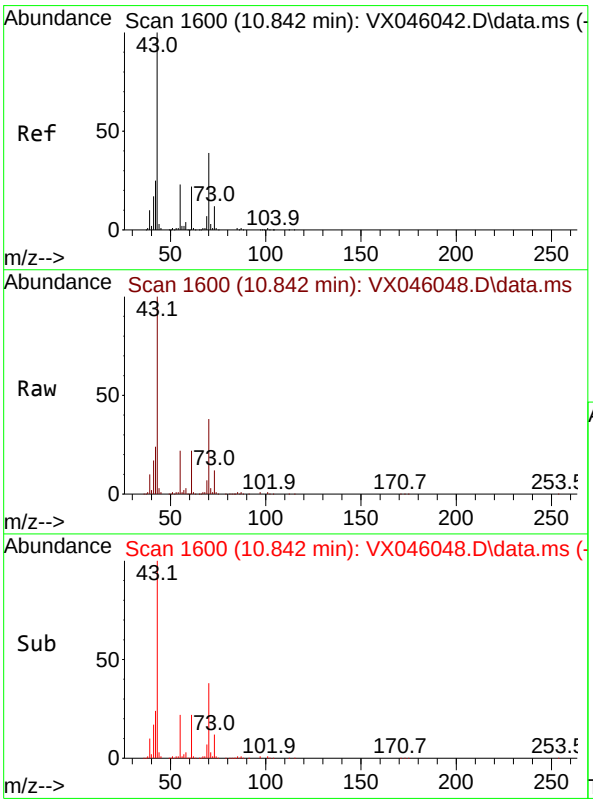
Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

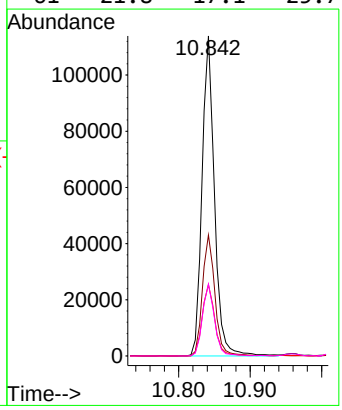
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

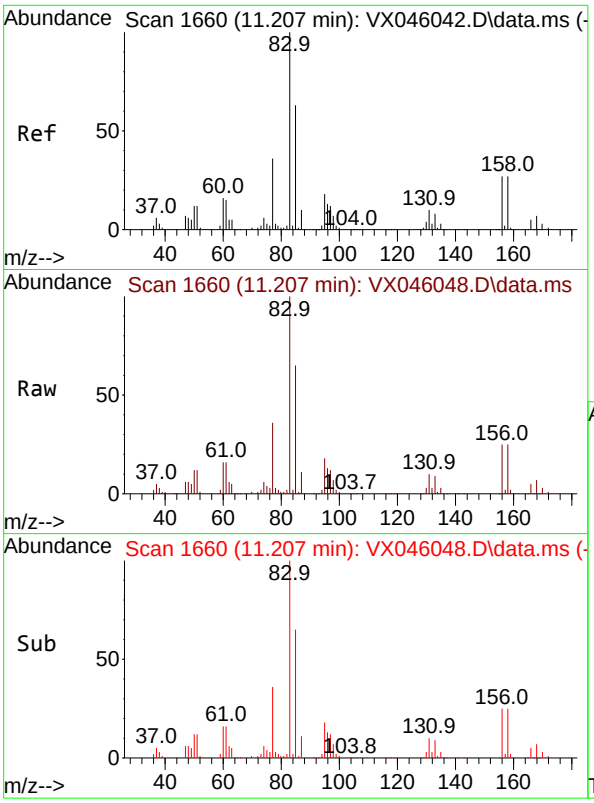


#74
N-amyl acetate
Concen: 52.407 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 137559

Ion	Ratio	Lower	Upper
43	100		
70	37.9	30.9	46.3
55	22.7	18.7	28.1
61	21.8	17.1	25.7

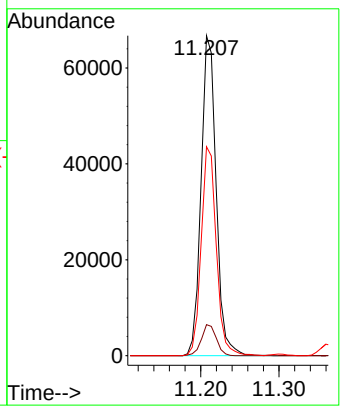




#75
1,1,2,2-Tetrachloroethane
Concen: 47.827 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 8902

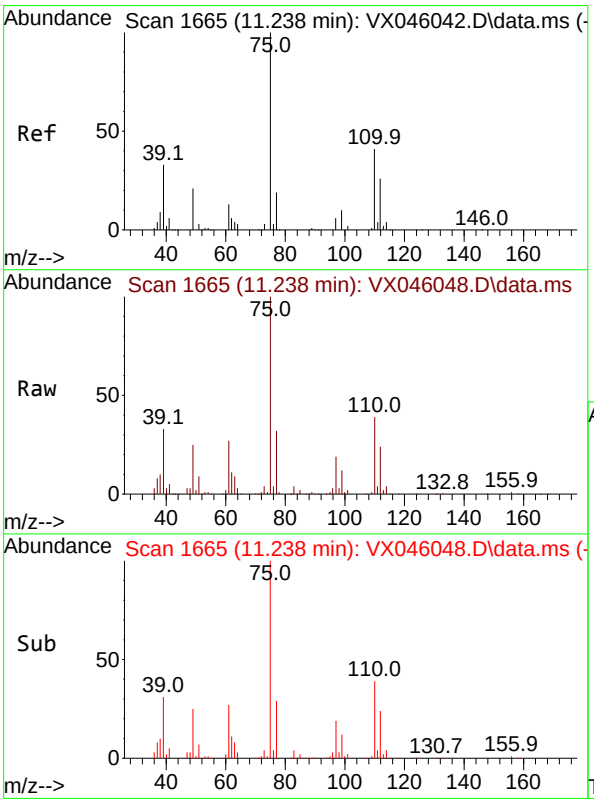
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	65.5	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

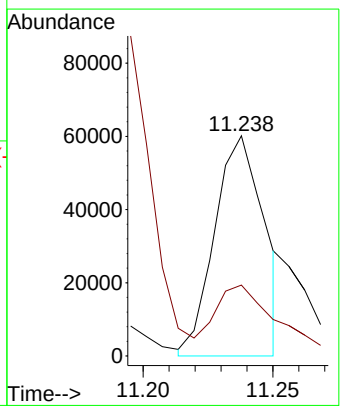
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

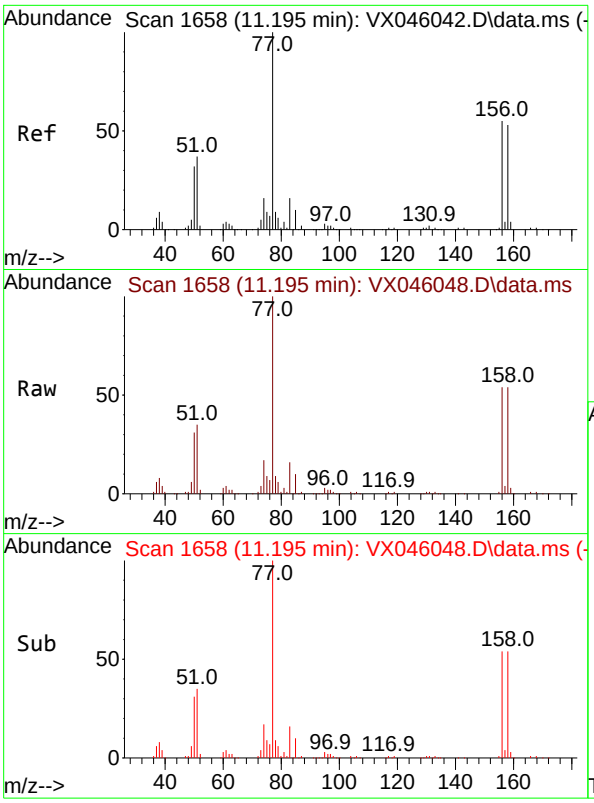


#76
1,2,3-Trichloropropane
Concen: 48.568 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 79763

Ion	Ratio	Lower	Upper
75	100		
77	40.8	20.5	61.5

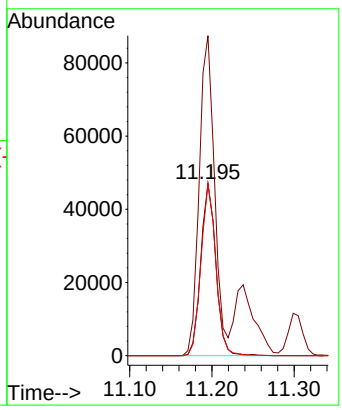




#77
Bromobenzene
Concen: 48.549 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:156 Resp: 5987

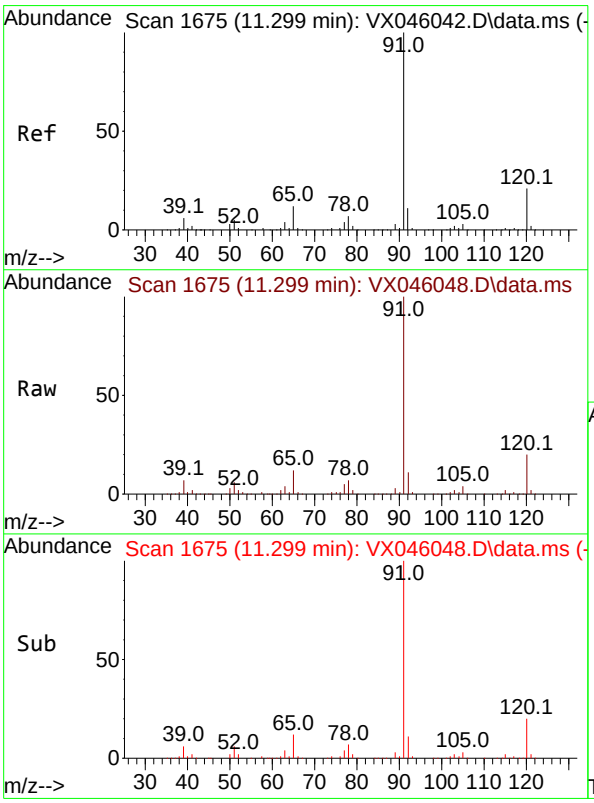
Ion	Ratio	Lower	Upper
156	100		
77	189.0	92.8	278.3
158	98.9	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

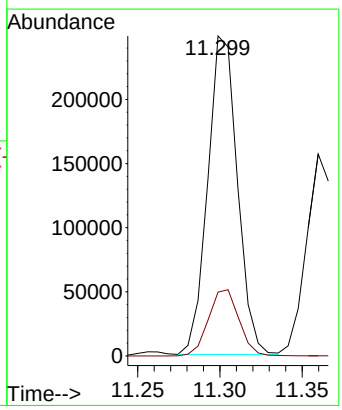
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

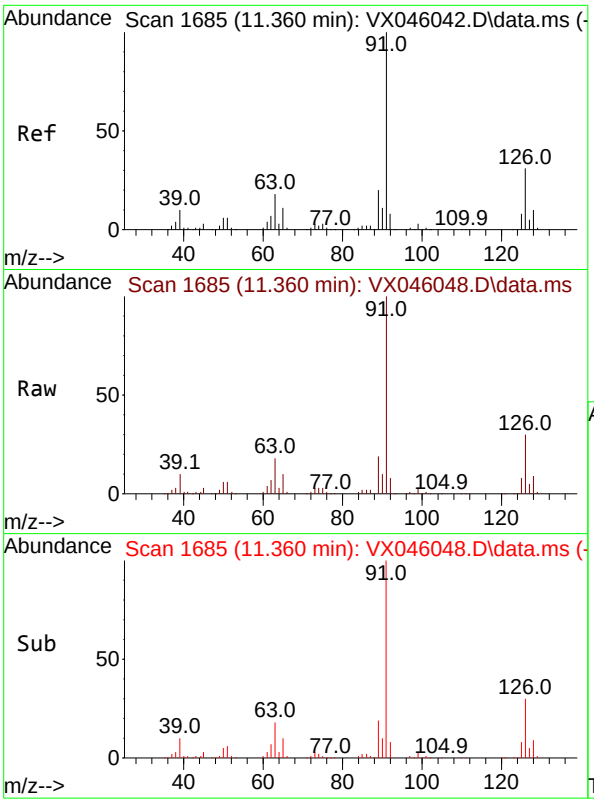


#78
n-propylbenzene
Concen: 50.562 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 312285

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.4

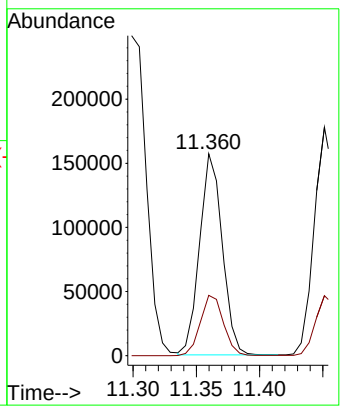




#79
2-Chlorotoluene
Concen: 49.107 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 19563

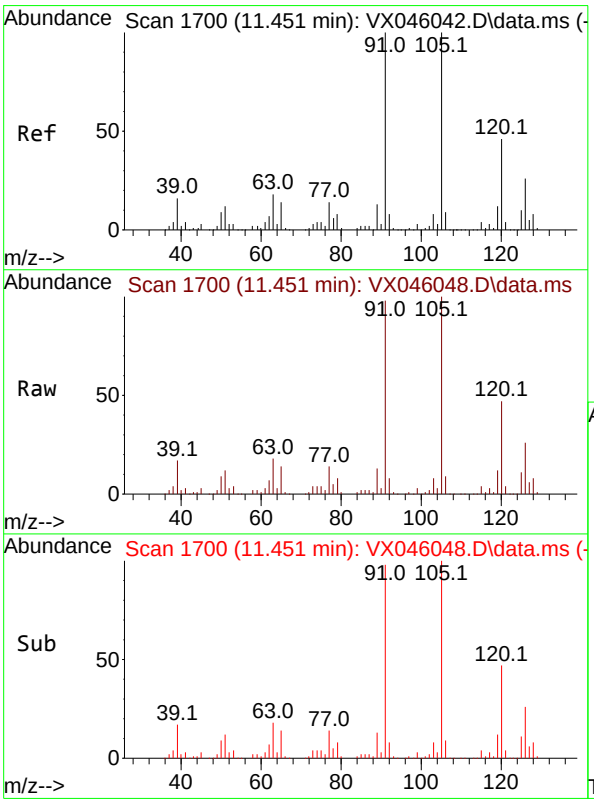
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

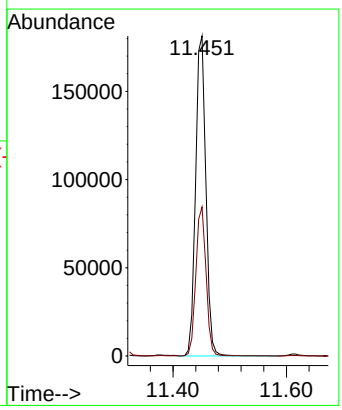
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

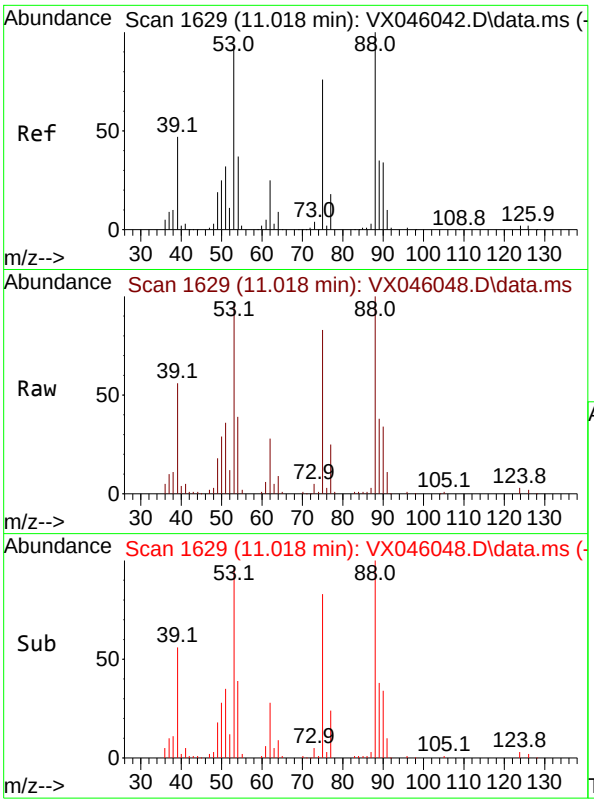


#80
1,3,5-Trimethylbenzene
Concen: 51.500 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:105 Resp: 228538

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

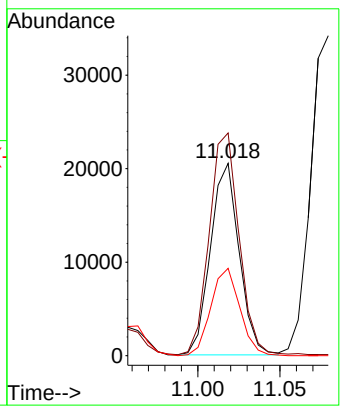




#81
trans-1,4-Dichloro-2-butene
Concen: 49.276 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 2485

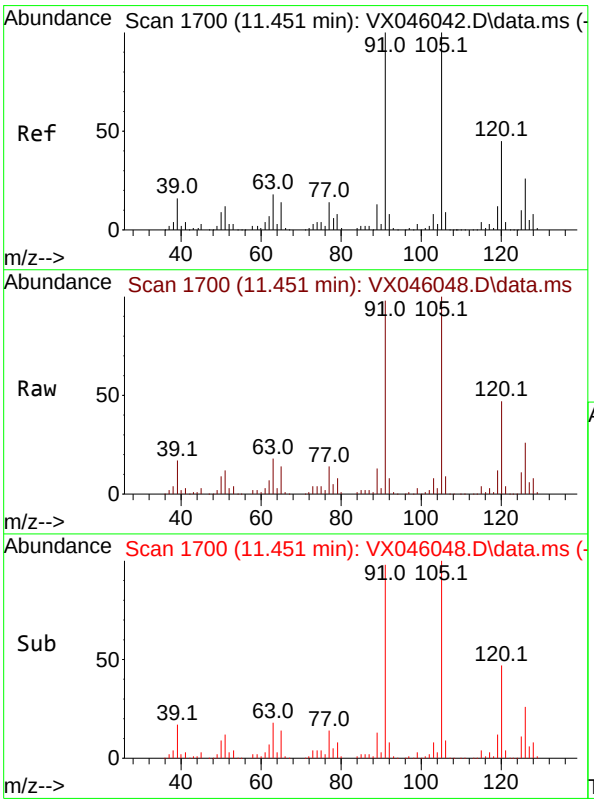
Ion	Ratio	Lower	Upper
75	100		
53	122.3	100.5	150.7
89	46.2	37.0	55.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

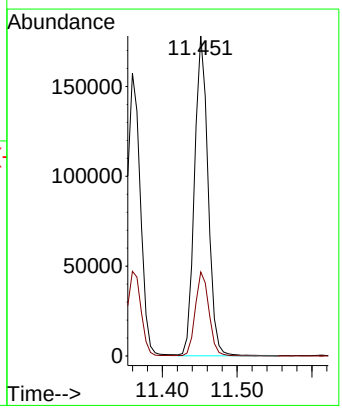
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

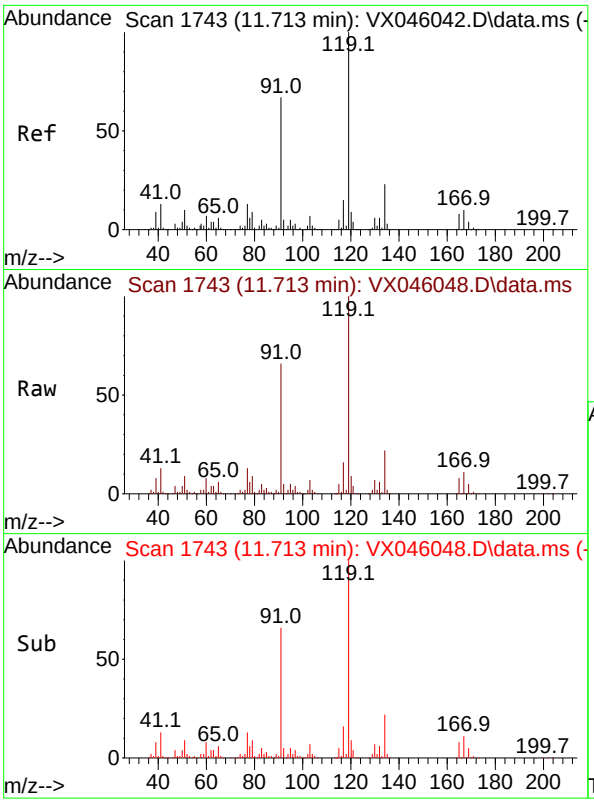


#82
4-Chlorotoluene
Concen: 50.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 223811

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8

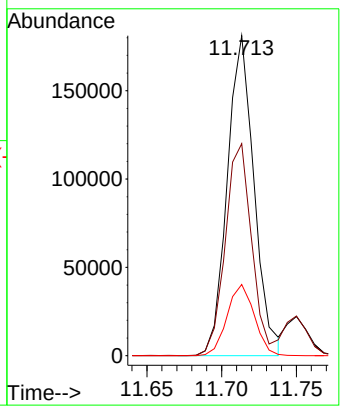




#83
tert-Butylbenzene
Concen: 50.511 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:119 Resp: 22578

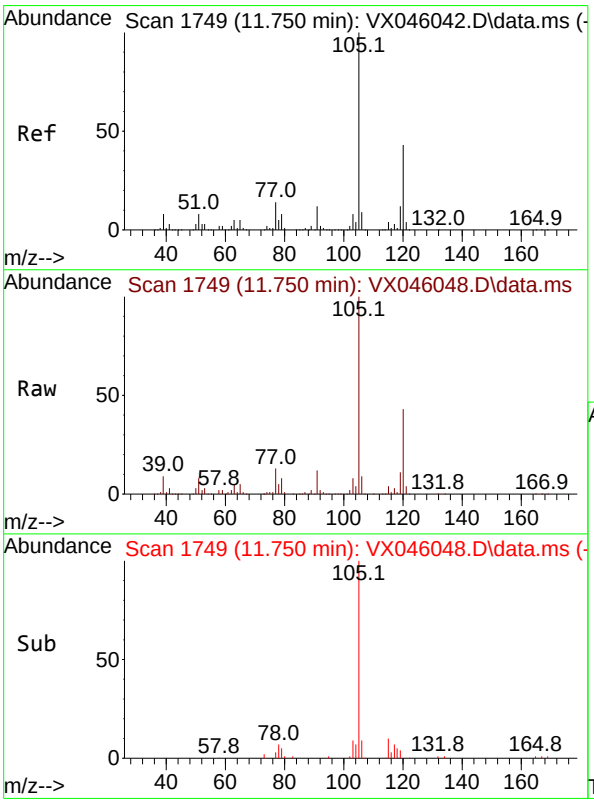
Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.9	98.7
134	22.6	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

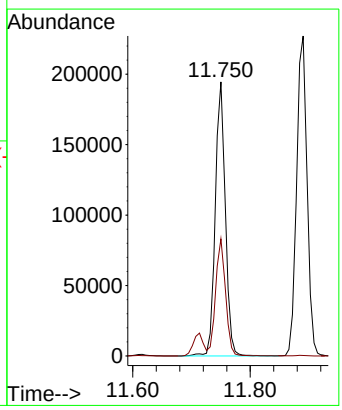
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

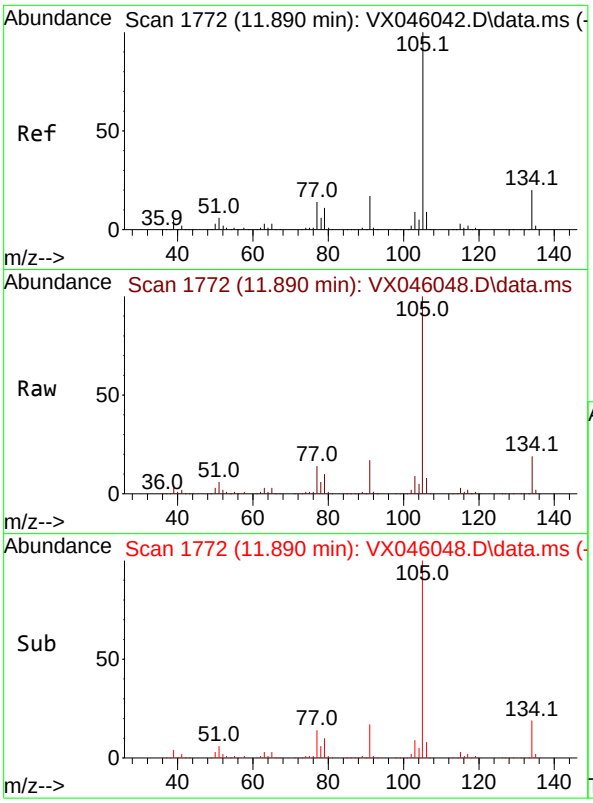


#84
1,2,4-Trimethylbenzene
Concen: 51.485 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:105 Resp: 231371

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6





#85
sec-Butylbenzene
Concen: 51.122 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

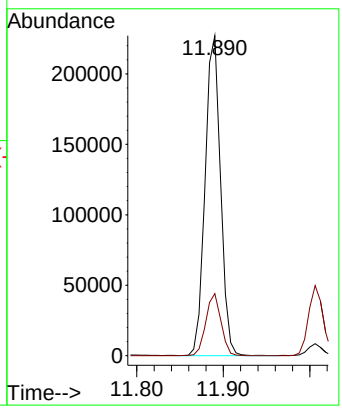
Tgt Ion:105 Resp: 28057

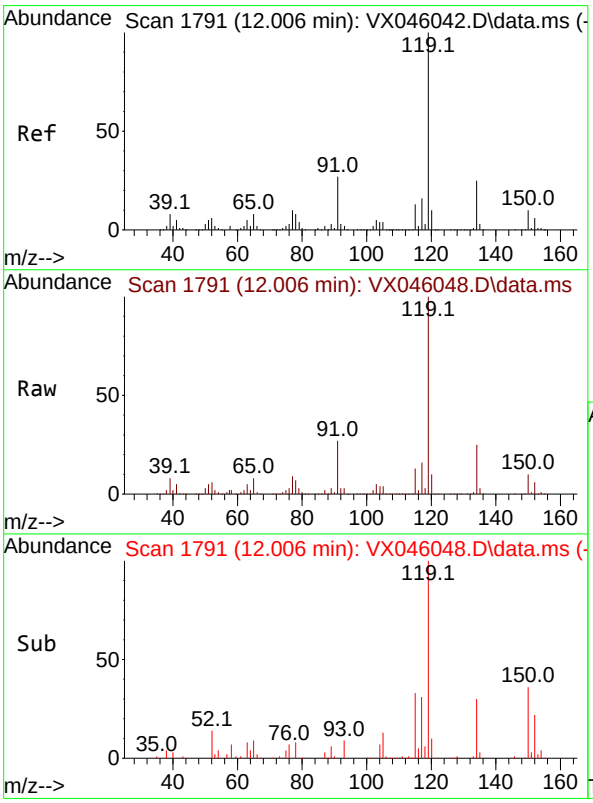
Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

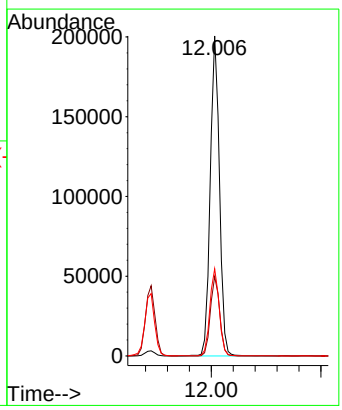


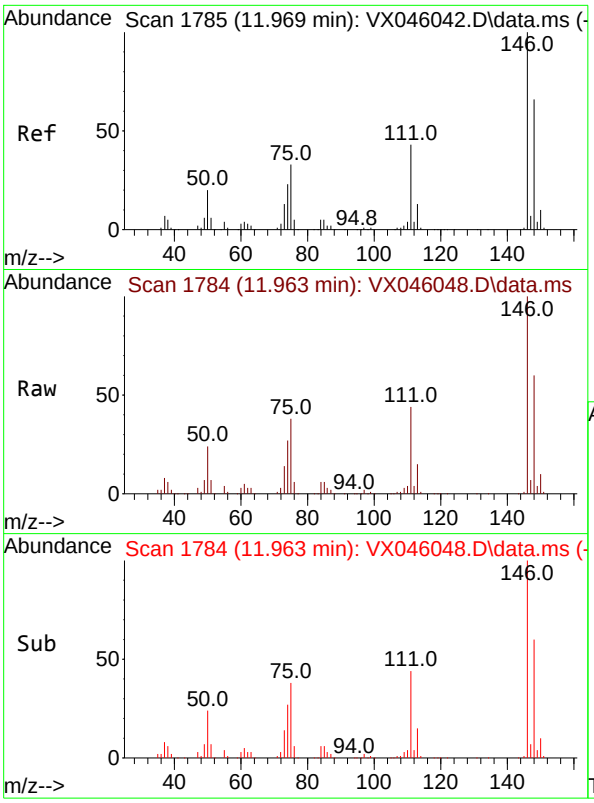


#86
p-Isopropyltoluene
Concen: 51.198 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:119 Resp: 231942

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.5	13.8	41.4

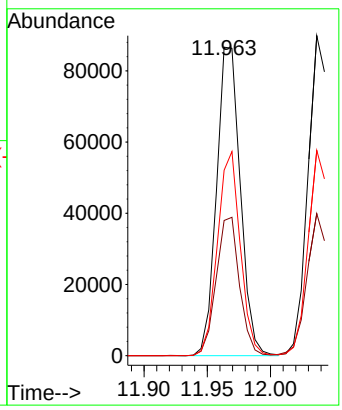




#87
1,3-Dichlorobenzene
Concen: 50.272 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:146 Resp: 11314

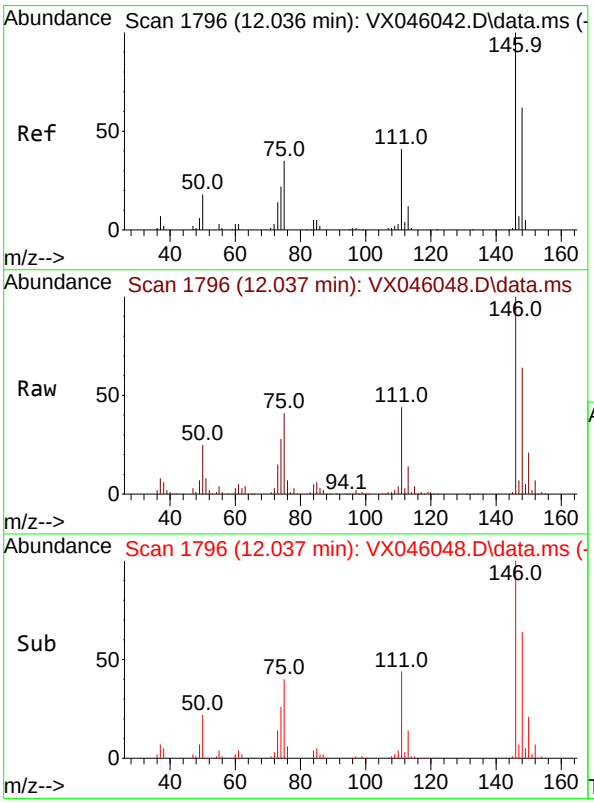
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	63.5	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

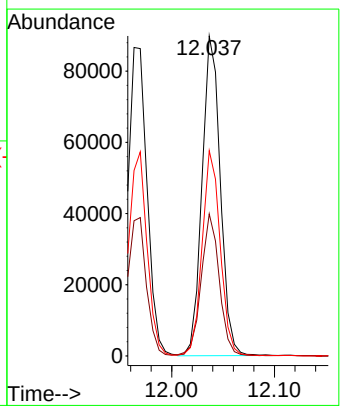
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

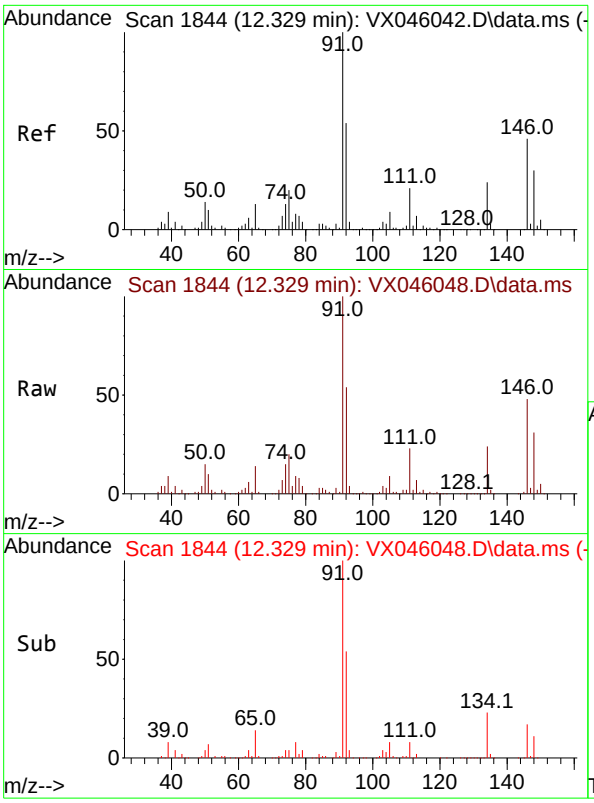


#88
1,4-Dichlorobenzene
Concen: 48.368 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:146 Resp: 111173

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.9
148	63.3	31.9	95.5

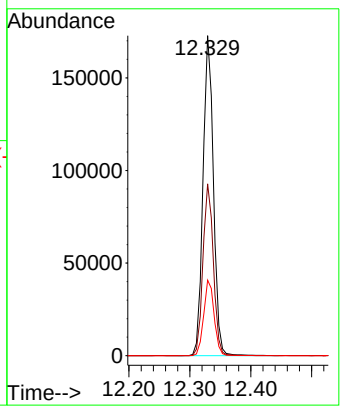




#89
n-Butylbenzene
Concen: 51.804 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 20585

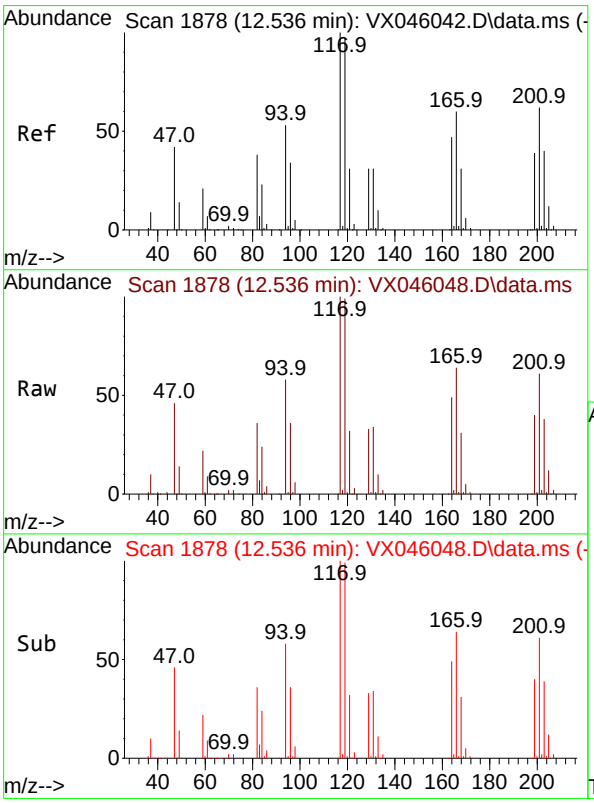
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	23.7	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

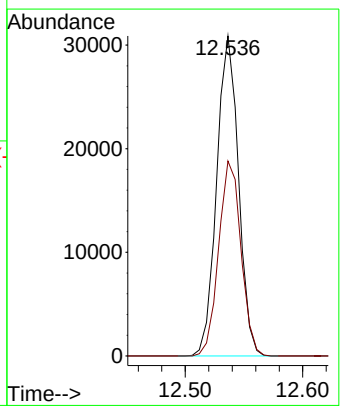
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

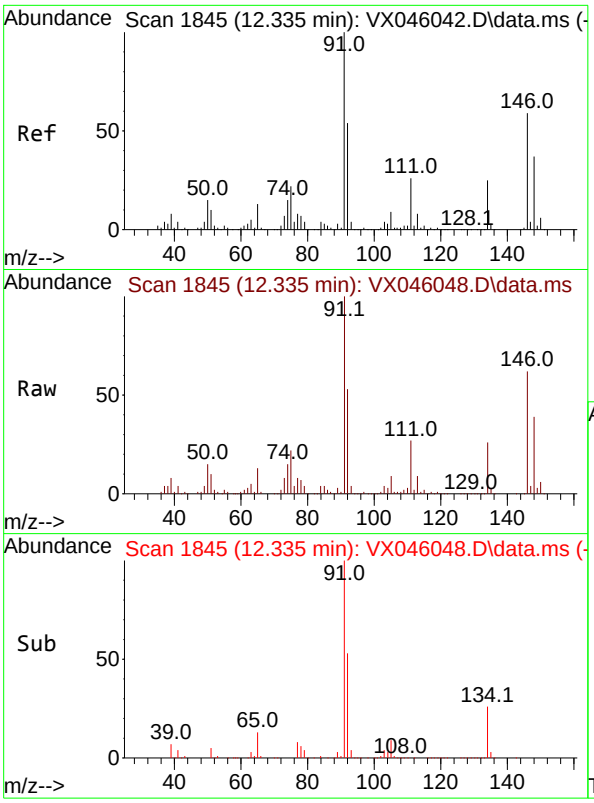


#90
Hexachloroethane
Concen: 49.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 39823

Ion	Ratio	Lower	Upper
117	100		
201	62.4	31.6	94.7

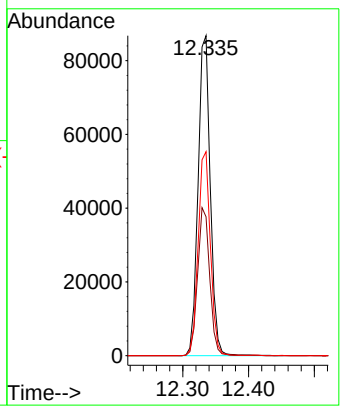




#91
1,2-Dichlorobenzene
Concen: 49.361 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:146 Resp: 11148

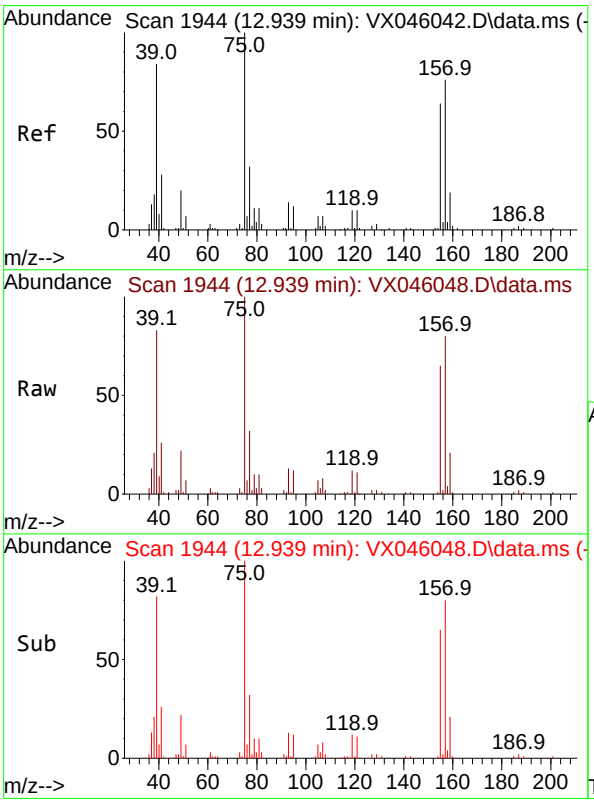
Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.4	67.3
148	64.2	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations
APPROVED

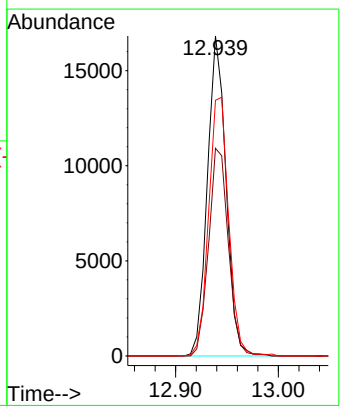
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

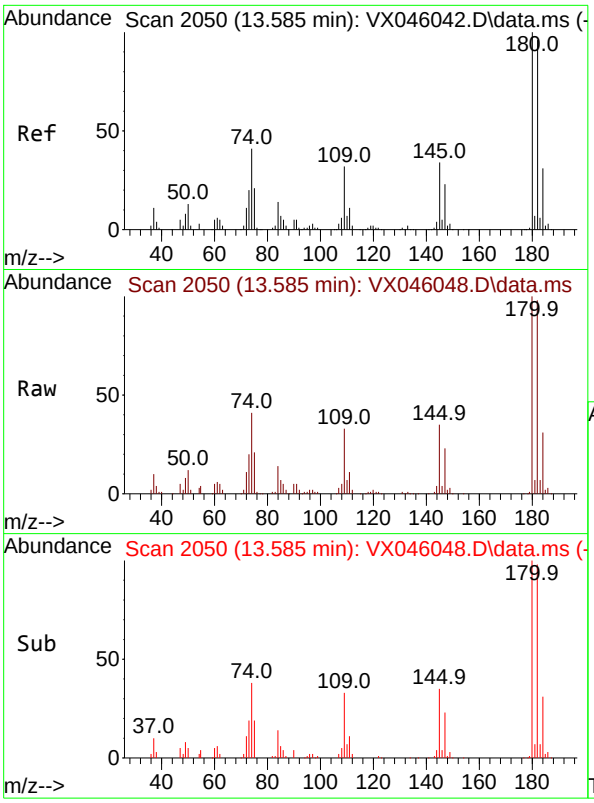


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.458 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 21220

Ion	Ratio	Lower	Upper
75	100		
155	68.6	34.9	104.8
157	86.7	43.8	131.4

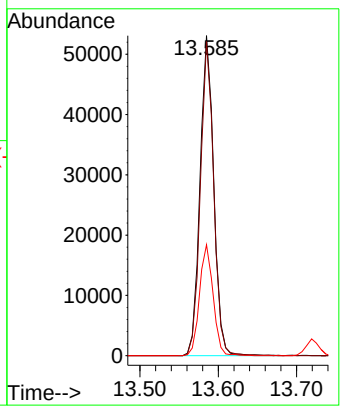




#93
1,2,4-Trichlorobenzene
Concen: 49.662 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:180 Resp: 6442

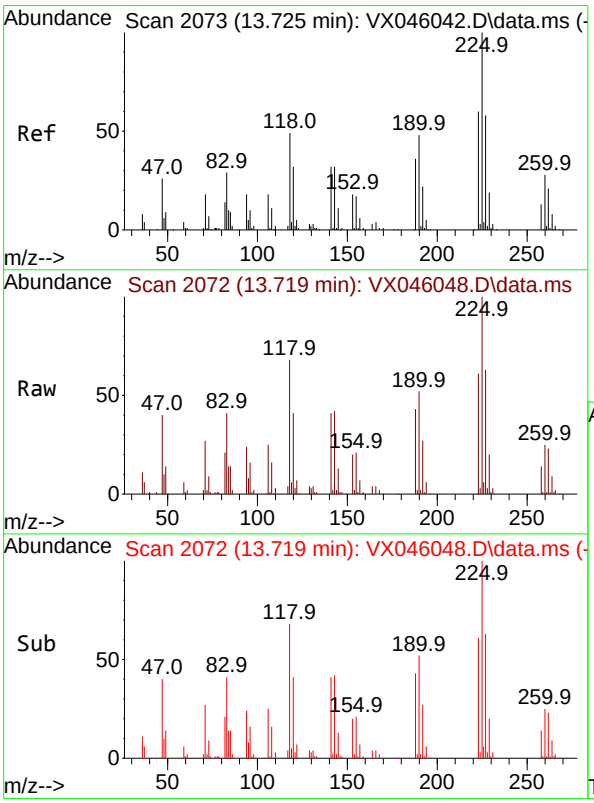
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	34.4	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

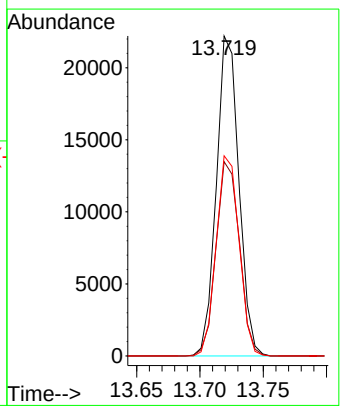
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

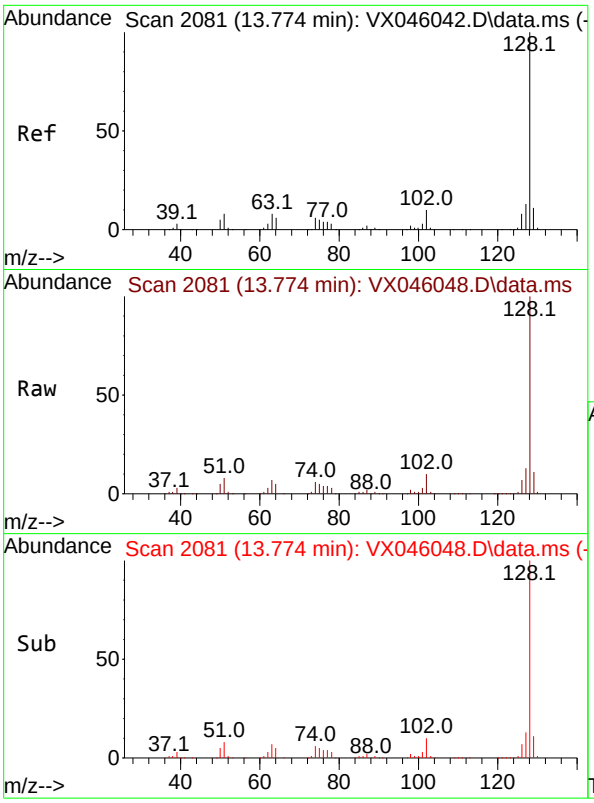


#94
Hexachlorobutadiene
Concen: 48.408 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:225 Resp: 27425

Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.8	92.4
227	63.7	30.9	92.7

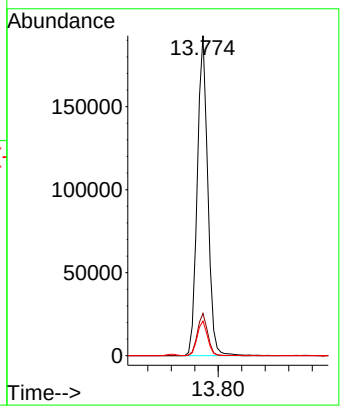




#95
Naphthalene
Concen: 50.404 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:128 Resp: 23980

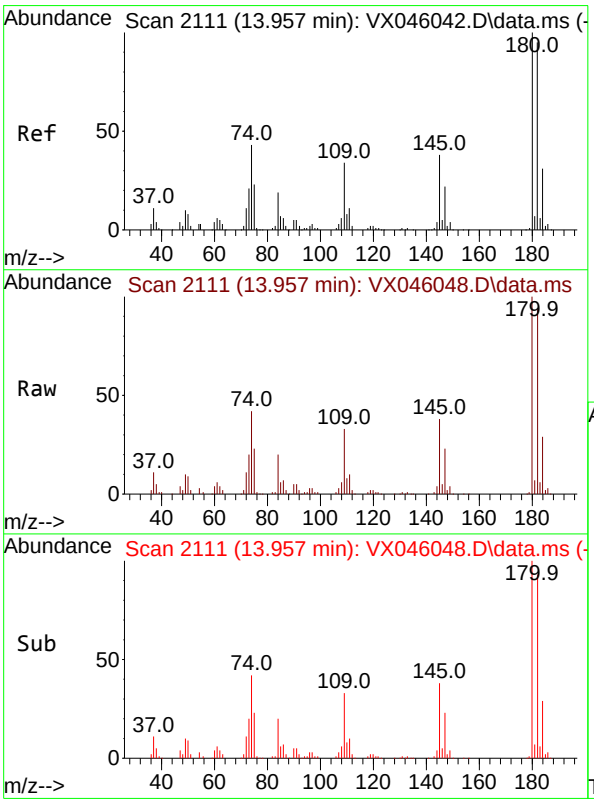
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Manual Integrations APPROVED

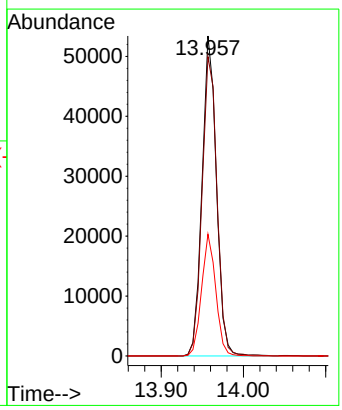
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.525 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:180 Resp: 64950

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.8	143.3
145	37.5	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.765	0.851	-11.2	94	0.00
3	P	Chloromethane	0.742	0.781	-5.3	96	0.00
4	C	Vinyl Chloride	0.691	0.713	-3.2#	96	0.00
5	T	Bromomethane	0.320	0.324	-1.3	95	0.00
6	T	Chloroethane	0.369	0.385	-4.3	97	0.00
7	T	Trichlorofluoromethane	1.021	1.073	-5.1	96	0.00
8	T	Diethyl Ether	0.347	0.344	0.9	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.632	0.642	-1.6	96	0.00
10	T	Methyl Iodide	0.747	0.799	-7.0	94	0.00
11	T	Tert butyl alcohol	0.131	0.132	-0.8	98	0.00
12	CM	1,1-Dichloroethene	0.593	0.606	-2.2#	96	0.00
13	T	Acrolein	0.149	0.139	6.7	87	0.00
14	T	Allyl chloride	1.133	1.175	-3.7	95	0.00
15	T	Acrylonitrile	0.374	0.393	-5.1	97	0.00
16	T	Acetone	0.374	0.367	1.9	97	0.00
17	T	Carbon Disulfide	1.406	1.433	-1.9	94	0.00
18	T	Methyl Acetate	0.867	0.867	0.0	97	0.00
19	T	Methyl tert-butyl Ether	2.079	2.111	-1.5	93	0.00
20	T	Methylene Chloride	0.716	0.684	4.5	95	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.602	-1.0	94	0.00
22	T	Diisopropyl ether	2.189	2.268	-3.6	95	0.00
23	T	Vinyl Acetate	1.925	2.045	-6.2	95	0.00
24	P	1,1-Dichloroethane	1.219	1.239	-1.6	94	0.00
25	T	2-Butanone	0.543	0.558	-2.8	96	0.00
26	T	2,2-Dichloropropane	0.954	0.953	0.1	95	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.731	-1.8	95	0.00
28	T	Bromochloromethane	0.587	0.598	-1.9	99	0.00
29	T	Tetrahydrofuran	0.340	0.354	-4.1	96	0.00
30	C	Chloroform	1.271	1.305	-2.7#	96	0.00
31	T	Cyclohexane	1.111	1.114	-0.3	94	0.00
32	T	1,1,1-Trichloroethane	1.101	1.126	-2.3	95	0.00
33	S	1,2-Dichloroethane-d4	0.932	0.904	3.0	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35	S	Dibromofluoromethane	0.360	0.358	0.6	98	0.00
36	T	1,1-Dichloropropene	0.484	0.479	1.0	94	0.00
37	T	Ethyl Acetate	0.598	0.606	-1.3	96	0.00
38	T	Carbon Tetrachloride	0.544	0.542	0.4	94	0.00
39	T	Methylcyclohexane	0.623	0.620	0.5	94	0.00
40	TM	Benzene	1.417	1.439	-1.6	95	0.00
41	T	Methacrylonitrile	0.313	0.344	-9.9	96	0.00
42	TM	1,2-Dichloroethane	0.612	0.622	-1.6	96	0.00
43	T	Isopropyl Acetate	0.912	0.952	-4.4	96	0.00
44	TM	Trichloroethene	0.341	0.341	0.0	93	0.00
45	C	1,2-Dichloropropane	0.352	0.366	-4.0#	96	0.00
46	T	Dibromomethane	0.278	0.278	0.0	94	0.00
47	T	Bromodichloromethane	0.547	0.568	-3.8	95	0.00
48	T	Methyl methacrylate	0.466	0.505	-8.4	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.009	0.009	0.0	100	0.00
50	S	Toluene-d8	1.246	1.221	2.0	97	0.00
51	T	4-Methyl-2-Pentanone	0.605	0.627	-3.6	96	0.00
52	CM	Toluene	0.869	0.889	-2.3#	96	0.00
53	T	t-1,3-Dichloropropene	0.487	0.515	-5.7	94	0.00
54	T	cis-1,3-Dichloropropene	0.538	0.569	-5.8	95	0.00
55	T	1,1,2-Trichloroethane	0.343	0.349	-1.7	95	0.00
56	T	Ethyl methacrylate	0.546	0.589	-7.9	96	0.00
57	T	1,3-Dichloropropane	0.615	0.613	0.3	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.278	0.296	-6.5	93	0.00
59	T	2-Hexanone	0.448	0.480	-7.1	98	0.00
60	T	Dibromochloromethane	0.376	0.392	-4.3	95	0.00
61	T	1,2-Dibromoethane	0.356	0.364	-2.2	94	0.00
62	S	4-Bromofluorobenzene	0.478	0.465	2.7	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.354	0.331	6.5	88	0.00
65	PM	Chlorobenzene	1.094	1.066	2.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.370	1.1	94	0.00
67	C	Ethyl Benzene	1.929	1.939	-0.5#	95	0.00
68	T	m/p-Xylenes	0.706	0.713	-1.0	95	0.00
69	T	o-Xylene	0.688	0.699	-1.6	95	0.00
70	T	Styrene	1.127	1.170	-3.8	95	0.00
71	P	Bromoform	0.281	0.278	1.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.893	3.950	-1.5	96	0.00
74	T	N-amyl acetate	1.924	2.016	-4.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	1.364	1.305	4.3	98	0.00
76	T	1,2,3-Trichloropropane	1.204	1.169	2.9	99	0.00
77	T	Bromobenzene	0.904	0.878	2.9	95	0.00
78	T	n-propylbenzene	4.526	4.577	-1.1	95	0.00
79	T	2-Chlorotoluene	2.919	2.867	1.8	96	0.00
80	T	1,3,5-Trimethylbenzene	3.252	3.350	-3.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.370	0.364	1.6	95	0.00
82	T	4-Chlorotoluene	3.238	3.280	-1.3	96	0.00
83	T	tert-Butylbenzene	3.276	3.309	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	3.293	3.391	-3.0	97	0.00
85	T	sec-Butylbenzene	4.022	4.112	-2.2	96	0.00
86	T	p-Isopropyltoluene	3.320	3.399	-2.4	96	0.00
87	T	1,3-Dichlorobenzene	1.649	1.658	-0.5	98	0.00
88	T	1,4-Dichlorobenzene	1.684	1.629	3.3	97	0.00
89	T	n-Butylbenzene	2.912	3.017	-3.6	96	0.00
90	T	Hexachloroethane	0.585	0.584	0.2	94	0.00
91	T	1,2-Dichlorobenzene	1.655	1.634	1.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.302	0.311	-3.0	97	0.00
93	T	1,2,4-Trichlorobenzene	0.951	0.944	0.7	97	0.00
94	T	Hexachlorobutadiene	0.415	0.402	3.1	95	0.00
95	T	Naphthalene	3.487	3.515	-0.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	0.952	3.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	55.594	-11.2	94	0.00
3	P	Chloromethane	50.000	52.592	-5.2	96	0.00
4	C	Vinyl Chloride	50.000	51.598	-3.2#	96	0.00
5	T	Bromomethane	50.000	50.627	-1.3	95	0.00
6	T	Chloroethane	50.000	52.271	-4.5	97	0.00
7	T	Trichlorofluoromethane	50.000	52.560	-5.1	96	0.00
8	T	Diethyl Ether	50.000	49.536	0.9	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.822	-1.6	96	0.00
10	T	Methyl Iodide	50.000	53.419	-6.8	94	0.00
11	T	Tert butyl alcohol	250.000	252.025	-0.8	98	0.00
12	CM	1,1-Dichloroethene	50.000	51.097	-2.2#	96	0.00
13	T	Acrolein	250.000	232.505	7.0	87	0.00
14	T	Allyl chloride	50.000	51.833	-3.7	95	0.00
15	T	Acrylonitrile	250.000	262.412	-5.0	97	0.00
16	T	Acetone	250.000	245.518	1.8	97	0.00
17	T	Carbon Disulfide	50.000	50.981	-2.0	94	0.00
18	T	Methyl Acetate	50.000	49.968	0.1	97	0.00
19	T	Methyl tert-butyl Ether	50.000	50.777	-1.6	93	0.00
20	T	Methylene Chloride	50.000	47.779	4.4	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.513	-1.0	94	0.00
22	T	Diisopropyl ether	50.000	51.800	-3.6	95	0.00
23	T	Vinyl Acetate	250.000	265.585	-6.2	95	0.00
24	P	1,1-Dichloroethane	50.000	50.825	-1.7	94	0.00
25	T	2-Butanone	250.000	257.110	-2.8	96	0.00
26	T	2,2-Dichloropropane	50.000	49.934	0.1	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.956	-1.9	95	0.00
28	T	Bromochloromethane	50.000	50.975	-2.0	99	0.00
29	T	Tetrahydrofuran	250.000	259.958	-4.0	96	0.00
30	C	Chloroform	50.000	51.332	-2.7#	96	0.00
31	T	Cyclohexane	50.000	50.147	-0.3	94	0.00
32	T	1,1,1-Trichloroethane	50.000	51.108	-2.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.509	3.0	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	49.683	0.6	98	0.00
36	T	1,1-Dichloropropene	50.000	49.521	1.0	94	0.00
37	T	Ethyl Acetate	50.000	50.714	-1.4	96	0.00
38	T	Carbon Tetrachloride	50.000	49.825	0.3	94	0.00
39	T	Methylcyclohexane	50.000	49.757	0.5	94	0.00
40	TM	Benzene	50.000	50.759	-1.5	95	0.00
41	T	Methacrylonitrile	50.000	55.076	-10.2	96	0.00
42	TM	1,2-Dichloroethane	50.000	50.861	-1.7	96	0.00
43	T	Isopropyl Acetate	50.000	52.195	-4.4	96	0.00
44	TM	Trichloroethene	50.000	50.018	-0.0	93	0.00
45	C	1,2-Dichloropropane	50.000	51.983	-4.0#	96	0.00
46	T	Dibromomethane	50.000	49.978	0.0	94	0.00
47	T	Bromodichloromethane	50.000	51.889	-3.8	95	0.00
48	T	Methyl methacrylate	50.000	54.226	-8.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	1059.599	-6.0	100	0.00
50	S	Toluene-d8	50.000	48.984	2.0	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.133	-3.7	96	0.00
52	CM	Toluene	50.000	51.150	-2.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	52.920	-5.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.892	-5.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	50.887	-1.8	95	0.00
56	T	Ethyl methacrylate	50.000	53.918	-7.8	96	0.00
57	T	1,3-Dichloropropane	50.000	49.793	0.4	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.780	-6.3	93	0.00
59	T	2-Hexanone	250.000	268.218	-7.3	98	0.00
60	T	Dibromochloromethane	50.000	52.075	-4.2	95	0.00
61	T	1,2-Dibromoethane	50.000	51.050	-2.1	94	0.00
62	S	4-Bromofluorobenzene	50.000	48.596	2.8	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	46.795	6.4	88	0.00
65	PM	Chlorobenzene	50.000	48.699	2.6	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.557	0.9	94	0.00
67	C	Ethyl Benzene	50.000	50.245	-0.5#	95	0.00
68	T	m/p-Xylenes	100.000	101.022	-1.0	95	0.00
69	T	o-Xylene	50.000	50.841	-1.7	95	0.00
70	T	Styrene	50.000	51.907	-3.8	95	0.00
71	P	Bromoform	50.000	49.583	0.8	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	50.733	-1.5	96	0.00
74	T	N-amyl acetate	50.000	52.407	-4.8	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.827	4.3	98	0.00
76	T	1,2,3-Trichloropropane	50.000	48.568	2.9	99	0.00
77	T	Bromobenzene	50.000	48.549	2.9	95	0.00
78	T	n-propylbenzene	50.000	50.562	-1.1	95	0.00
79	T	2-Chlorotoluene	50.000	49.107	1.8	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.500	-3.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.276	1.4	95	0.00
82	T	4-Chlorotoluene	50.000	50.661	-1.3	96	0.00
83	T	tert-Butylbenzene	50.000	50.511	-1.0	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.485	-3.0	97	0.00
85	T	sec-Butylbenzene	50.000	51.122	-2.2	96	0.00
86	T	p-Isopropyltoluene	50.000	51.198	-2.4	96	0.00
87	T	1,3-Dichlorobenzene	50.000	50.272	-0.5	98	0.00
88	T	1,4-Dichlorobenzene	50.000	48.368	3.3	97	0.00
89	T	n-Butylbenzene	50.000	51.804	-3.6	96	0.00
90	T	Hexachloroethane	50.000	49.895	0.2	94	0.00
91	T	1,2-Dichlorobenzene	50.000	49.361	1.3	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.458	-2.9	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.662	0.7	97	0.00
94	T	Hexachlorobutadiene	50.000	48.408	3.2	95	0.00
95	T	Naphthalene	50.000	50.404	-0.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	48.525	3.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

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

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 03 03:22:04 2025
Response Via : Initial Calibration

Calibration Files
5 =VY022491.D 10 =VY022492.D 20 =VY022493.D 50 =VY022494.D 100 =VY022495.D 150 =VY022496.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13.03
3)	P	Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.28
4)	C	Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.82#
5)	T	Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.82
6)	T	Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.84
7)	T	Trichlorofluor...	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.47
8)	T	Diethyl Ether	0.258	0.335	0.315	0.291	0.279	0.283	0.293	9.35
9)	T	1,1,2-Trichlor...	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.08
10)	T	Methyl Iodide	0.456	0.606	0.609	0.644	0.632	0.616	0.594	11.60
11)	T	Tert butyl alc...	0.034	0.046	0.045	0.039	0.038	0.038	0.040	11.73
12)	CM	1,1-Dichloroet...	0.469	0.577	0.549	0.518	0.510	0.523	0.524	6.96#
13)	T	Acrolein	0.056	0.046	0.053	0.048	0.050	0.046	0.050	8.21
14)	T	Allyl chloride	0.751	0.911	0.850	0.806	0.804	0.817	0.823	6.51
15)	T	Acrylonitrile	0.106	0.138	0.133	0.126	0.122	0.120	0.124	8.94
16)	T	Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.55
17)	T	Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.17
18)	T	Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.94
19)	T	Methyl tert-bu...	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.39
20)	T	Methylene Chlo...	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.74
21)	T	trans-1,2-Dich...	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.39
22)	T	Diisopropyl ether	1.616	1.984	1.933	1.818	1.800	1.842	1.832	6.96
23)	T	Vinyl Acetate	0.910	1.143	1.145	1.083	1.099	1.126	1.084	8.20
24)	P	1,1-Dichloroet...	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7.00
25)	T	2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.62
26)	T	2,2-Dichloropr...	0.836	1.032	0.972	0.947	0.953	0.982	0.954	6.84
27)	T	cis-1,2-Dichlo...	0.592	0.731	0.706	0.682	0.668	0.691	0.678	6.98
28)	T	Bromochloromet...	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.86
29)	T	Tetrahydrofuran	0.093	0.118	0.114	0.104	0.103	0.101	0.106	8.60
30)	C	Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.93#
31)	T	Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.22
32)	T	1,1,1-Trichlor...	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.36
33)	S	1,2-Dichloroet...	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.10
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.22
36)	T	1,1-Dichloropr...	0.416	0.512	0.492	0.486	0.490	0.510	0.484	7.30
37)	T	Ethyl Acetate	0.181	0.217	0.231	0.229	0.221	0.216	0.216	8.41
38)	T	Carbon Tetrach...	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.49
39)	T	Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.85
40)	TM	Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.67
41)	T	Methacrylonitrile	0.119	0.123	0.132	0.125	0.135	0.124	0.126	4.74
42)	TM	1,2-Dichloroet...	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.39
43)	T	Isopropyl Acetate	0.377	0.497	0.499	0.478	0.475	0.474	0.467	9.72
44)	TM	Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.73
45)	C	1,2-Dichloropr...	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.61#
46)	T	Dibromomethane	0.158	0.199	0.201	0.193	0.192	0.197	0.190	8.46
47)	T	Bromodichlorom...	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.71
48)	T	Methyl methacr...	0.183	0.220	0.234	0.222	0.226	0.229	0.219	8.29
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.002	0.002	0.002	9.33
50)	S	Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.25
51)	T	4-Methyl-2-Pen...	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.13
52)	CM	Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.76#
53)	T	t-1,3-Dichloro...	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.20
54)	T	cis-1,3-Dichlo...	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.67
55)	T	1,1,2-Trichlor...	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.73
56)	T	Ethyl methacry...	0.257	0.357	0.370	0.363	0.373	0.383	0.351	13.32

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y060225S.M

57)	T	1,3-Dichloropr...	0.358	0.462	0.448	0.435	0.434	0.443	0.430	8.57
58)	T	2-Chloroethyl ...	0.137	0.143	0.160	0.159	0.174	0.181	0.159	10.80
59)	T	2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.34
60)	T	Dibromochlorom...	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.61
61)	T	1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.87
62)	S	4-Bromofluorob...	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.62
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.66
65)	PM	Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.54
66)	T	1,1,1,2-Tetrac...	0.291	0.383	0.379	0.379	0.385	0.419	0.373	11.51
67)	C	Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.90#
68)	T	m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.94
69)	T	o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11.05
70)	T	Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.93
71)	P	Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.68
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.26
74)	T	N-amyl acetate	0.754	1.078	1.081	1.072	1.103	1.127	1.036	13.49
75)	P	1,1,2,2-Tetrac...	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.25
76)	T	1,2,3-Trichlor...	0.585	0.610	0.582	0.630	0.511	0.514	0.572	8.62
77)	T	Bromobenzene	0.723	0.924	0.890	0.868	0.867	0.925	0.866	8.63
78)	T	n-propylbenzene	4.424	5.221	4.962	5.067	5.051	5.357	5.014	6.40
79)	T	2-Chlorotoluene	2.378	2.742	2.653	2.676	2.666	2.828	2.657	5.71
80)	T	1,3,5-Trimethy...	2.748	3.317	3.240	3.260	3.275	3.497	3.223	7.77
81)	T	trans-1,4-Dich...	0.203	0.255	0.241	0.234	0.241	0.247	0.237	7.60
82)	T	4-Chlorotoluene	2.386	2.865	2.677	2.775	2.784	2.960	2.741	7.23
83)	T	tert-Butylbenzene	2.444	2.979	2.900	2.899	2.952	3.181	2.893	8.41
84)	T	1,2,4-Trimethy...	2.719	3.307	3.189	3.220	3.304	3.599	3.223	8.89
85)	T	sec-Butylbenzene	3.877	4.652	4.352	4.466	4.488	4.746	4.430	6.89
86)	T	p-Isopropyltol...	3.038	3.638	3.591	3.655	3.824	4.163	3.652	10.04
87)	T	1,3-Dichlorobe...	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.29
88)	T	1,4-Dichlorobe...	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.34
89)	T	n-Butylbenzene	2.956	3.551	3.459	3.534	3.537	3.750	3.464	7.72
90)	T	Hexachloroethane	0.632	0.745	0.712	0.716	0.709	0.751	0.711	6.01
91)	T	1,2-Dichlorobe...	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.35
92)	T	1,2-Dibromo-3-...	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.72
93)	T	1,2,4-Trichlor...	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.20
94)	T	Hexachlorobuta...	0.440	0.480	0.441	0.447	0.441	0.442	0.449	3.46
95)	T	Naphthalene	1.187	1.604	1.614	1.620	1.663	1.670	1.560	11.84
96)	T	1,2,3-Trichlor...	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.33

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.713	168	201089	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.622	114	353755	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	289394	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127807	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	10508	4.802	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.600%#			
35) Dibromofluoromethane	7.646	113	9323	4.477	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.960%#			
50) Toluene-d8	10.109	98	37729	4.482	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.960%#			
62) 4-Bromofluorobenzene	12.408	95	11988	4.697	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.400%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	8717	4.961	ug/l		99
3) Chloromethane	2.068	50	26535	5.119	ug/l		98
4) Vinyl Chloride	2.208	62	27572	4.544	ug/l		98
5) Bromomethane	2.598	94	27457	4.784	ug/l		98
6) Chloroethane	2.739	64	19566	4.710	ug/l		95
7) Trichlorofluoromethane	3.062	101	22825	4.428	ug/l		92
8) Diethyl Ether	3.464	74	5184	4.553	ug/l		92
9) 1,1,2-Trichlorotrifluo...	3.824	101	10259	4.744	ug/l		97
10) Methyl Iodide	4.007	142	9174	3.956	ug/l	#	95
11) Tert butyl alcohol	4.891	59	3374	21.587	ug/l	#	88
12) 1,1-Dichloroethene	3.799	96	9440	4.573	ug/l		97
13) Acrolein	3.671	56	5656	29.646	ug/l		95
14) Allyl chloride	4.391	41	15096	4.693	ug/l		98
15) Acrylonitrile	5.080	53	10667	22.026	ug/l		97
16) Acetone	3.885	43	13023	30.108	ug/l	#	87
17) Carbon Disulfide	4.110	76	30222	4.586	ug/l		99
18) Methyl Acetate	4.397	43	5630	4.327	ug/l		96
19) Methyl tert-butyl Ether	5.122	73	26276	4.562	ug/l		97
20) Methylene Chloride	4.622	84	17312	7.168	ug/l		89
21) trans-1,2-Dichloroethene	5.116	96	10489	4.549	ug/l		86
22) Diisopropyl ether	6.037	45	32497	4.544	ug/l		95
23) Vinyl Acetate	5.970	43	91478	21.559	ug/l		98
24) 1,1-Dichloroethane	5.921	63	19460	4.603	ug/l		97
25) 2-Butanone	6.909	43	14423	22.605	ug/l		95
26) 2,2-Dichloropropane	6.896	77	16805	4.471	ug/l		99
27) cis-1,2-Dichloroethene	6.896	96	11906	4.467	ug/l		98
28) Bromochloromethane	7.250	49	9453	5.175	ug/l		100
29) Tetrahydrofuran	7.274	42	9377	22.781	ug/l		95
30) Chloroform	7.427	83	19302	4.620	ug/l		87
31) Cyclohexane	7.707	56	23482	5.519	ug/l	#	90
32) 1,1,1-Trichloroethane	7.628	97	16476	4.413	ug/l		98
36) 1,1-Dichloropropene	7.841	75	14700	4.367	ug/l		99
37) Ethyl Acetate	6.994	43	6409m	4.326	ug/l		
38) Carbon Tetrachloride	7.823	117	14691	4.233	ug/l		95
39) Methylcyclohexane	9.109	83	20076	4.415	ug/l		95
40) Benzene	8.085	78	42926	4.326	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4192	4.394 ug/l #	89
42) 1,2-Dichloroethane	8.164	62	11332	4.198 ug/l	99
43) Isopropyl Acetate	8.207	43	13330	4.117 ug/l	95
44) Trichloroethene	8.872	130	10404	4.292 ug/l	79
45) 1,2-Dichloropropane	9.146	63	9678	4.091 ug/l	100
46) Dibromomethane	9.244	93	5596	4.223 ug/l	95
47) Bromodichloromethane	9.433	83	13448	3.999 ug/l	96
48) Methyl methacrylate	9.225	41	6483	4.374 ug/l	91
49) 1,4-Dioxane	9.231	88	1356m	85.767 ug/l	
51) 4-Methyl-2-Pentanone	10.000	43	30969	19.273 ug/l	98
52) Toluene	10.170	92	25893	4.150 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	12388	3.982 ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	14966	4.103 ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7318	4.385 ug/l	98
56) Ethyl methacrylate	10.445	69	9092	3.751 ug/l	94
57) 1,3-Dichloropropane	10.719	76	12648	4.255 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	24214	22.409 ug/l	97
59) 2-Hexanone	10.768	43	21243	19.832 ug/l	94
60) Dibromochloromethane	10.914	129	8781	4.152 ug/l	94
61) 1,2-Dibromoethane	11.018	107	6146	3.991 ug/l	100
64) Tetrachloroethene	10.652	164	10863	4.417 ug/l	95
65) Chlorobenzene	11.444	112	27467	4.377 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	8422	3.959 ug/l	94
67) Ethyl Benzene	11.524	91	47883	4.098 ug/l	96
68) m/p-Xylenes	11.627	106	35645	8.060 ug/l	99
69) o-Xylene	11.956	106	16866	4.075 ug/l	95
70) Styrene	11.975	104	26313	3.840 ug/l	99
71) Bromoform	12.133	173	4649	4.159 ug/l #	97
73) Isopropylbenzene	12.255	105	44350	4.307 ug/l	100
74) N-amyl acetate	12.072	43	9632	3.699 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	7289	4.359 ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	7478m	4.432 ug/l	
77) Bromobenzene	12.536	156	9241	4.234 ug/l	95
78) n-propylbenzene	12.597	91	56543	4.511 ug/l	98
79) 2-Chlorotoluene	12.682	91	30387	4.591 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	35122	4.362 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2596	4.411 ug/l	96
82) 4-Chlorotoluene	12.780	91	30501	4.447 ug/l	99
83) tert-Butylbenzene	12.999	119	31232	4.252 ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	34752	4.314 ug/l	100
85) sec-Butylbenzene	13.176	105	49546	4.449 ug/l	99
86) p-Isopropyltoluene	13.292	119	38822	4.240 ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19350	4.431 ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	19268	4.529 ug/l	91
89) n-Butylbenzene	13.615	91	37774	4.333 ug/l	100
90) Hexachloroethane	13.883	117	8072	4.506 ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	15922	4.244 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	949	3.754 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	8529	4.159 ug/l	95
94) Hexachlorobutadiene	15.023	225	5627	5.024 ug/l	98
95) Naphthalene	15.145	128	15167	3.859 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	7952	4.563 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

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

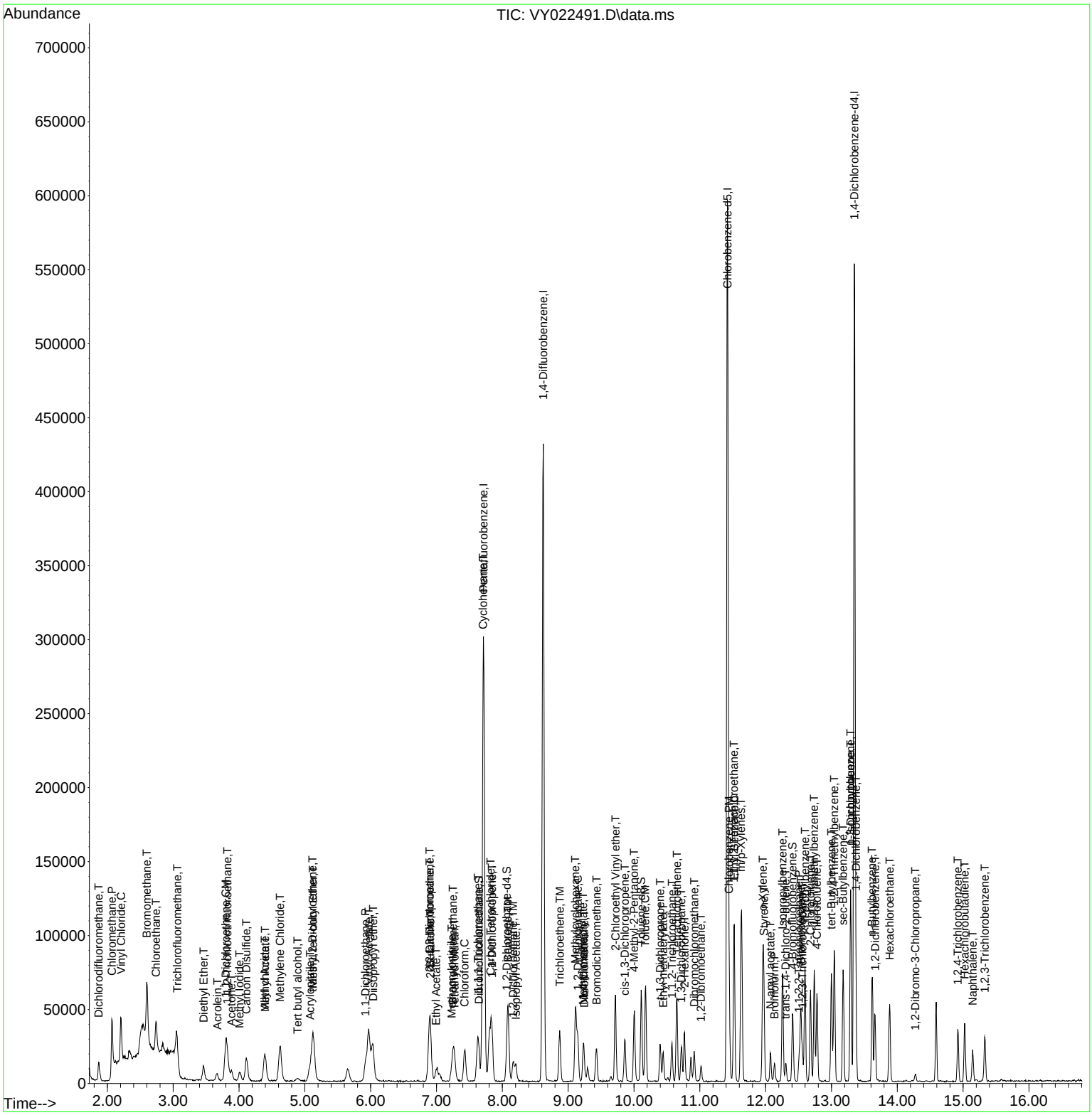
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

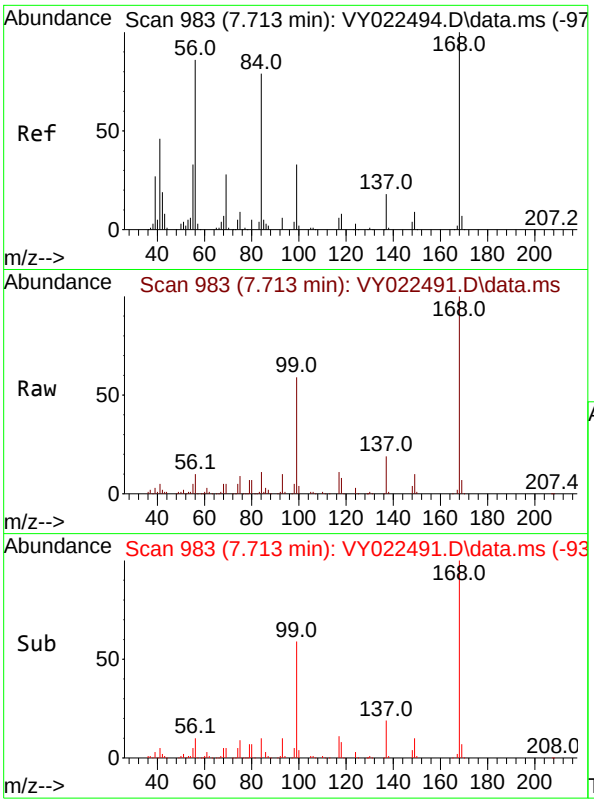
Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

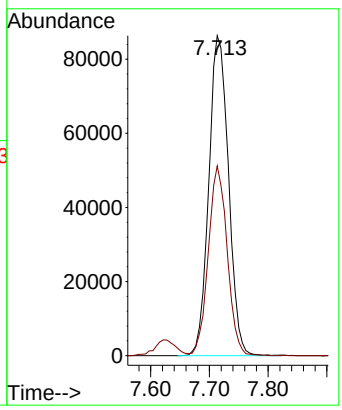




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:168 Resp: 20108

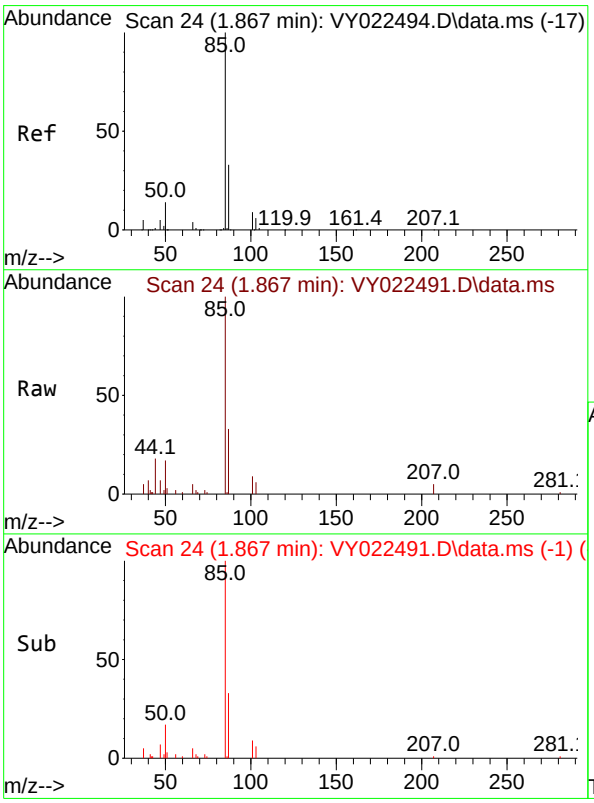
Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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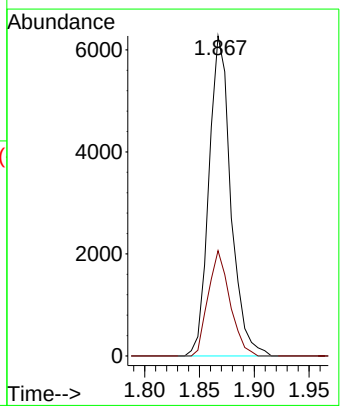
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

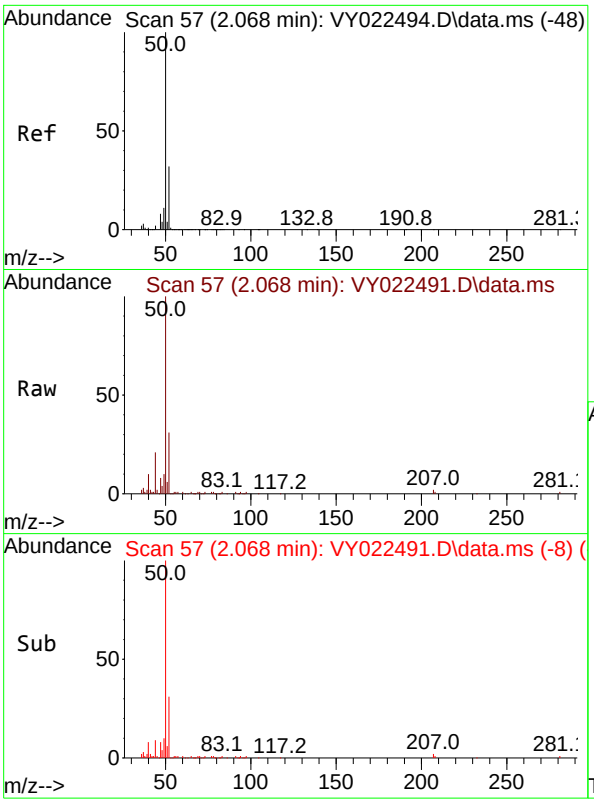


#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 85 Resp: 8717

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.7	50.0

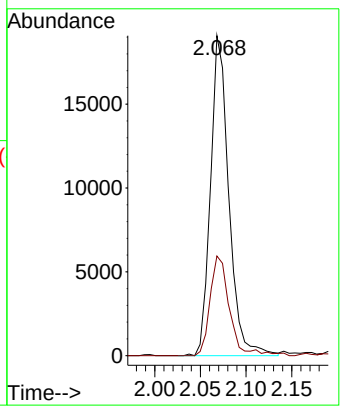




#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 50 Resp: 2653

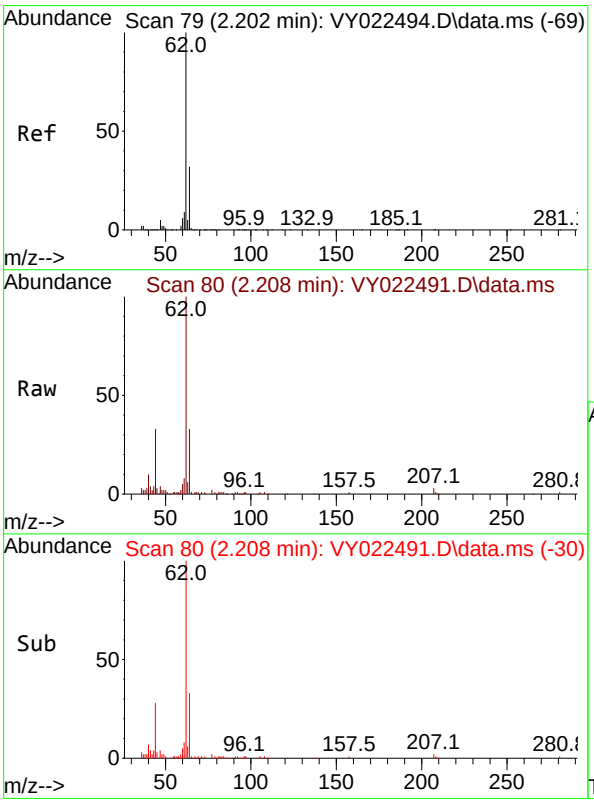
Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

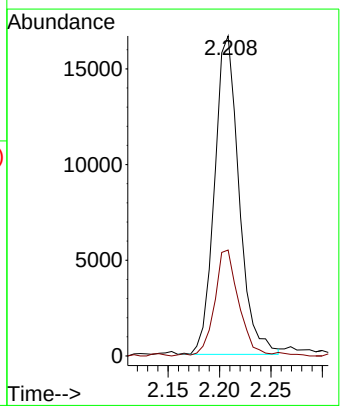
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

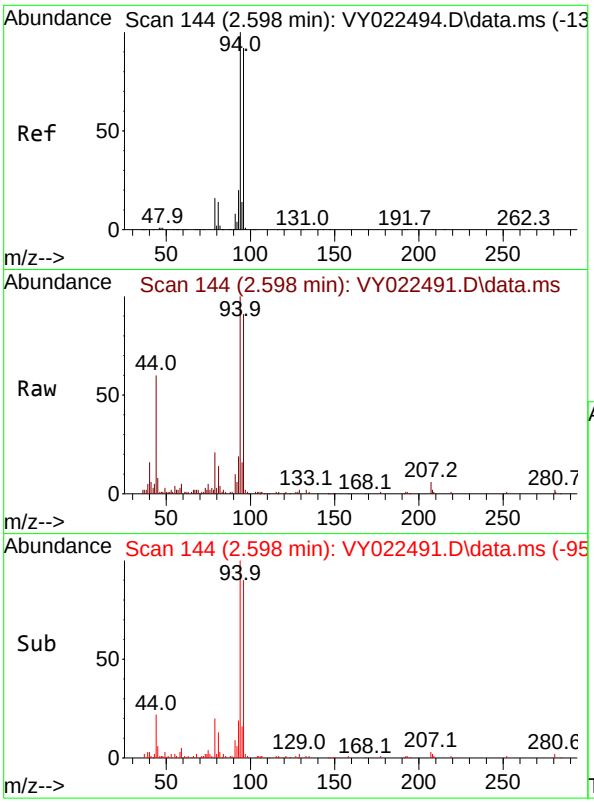


#4
Vinyl Chloride
Concen: 4.544 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 27572

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.3	37.9





#5
Bromomethane
Concen: 4.784 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

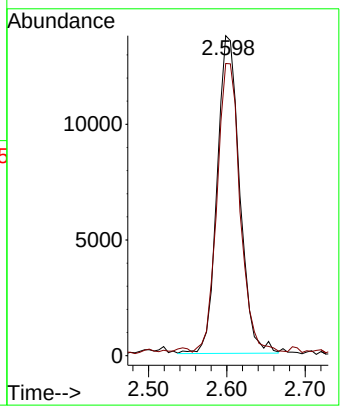
Tgt Ion: 94 Resp: 2745

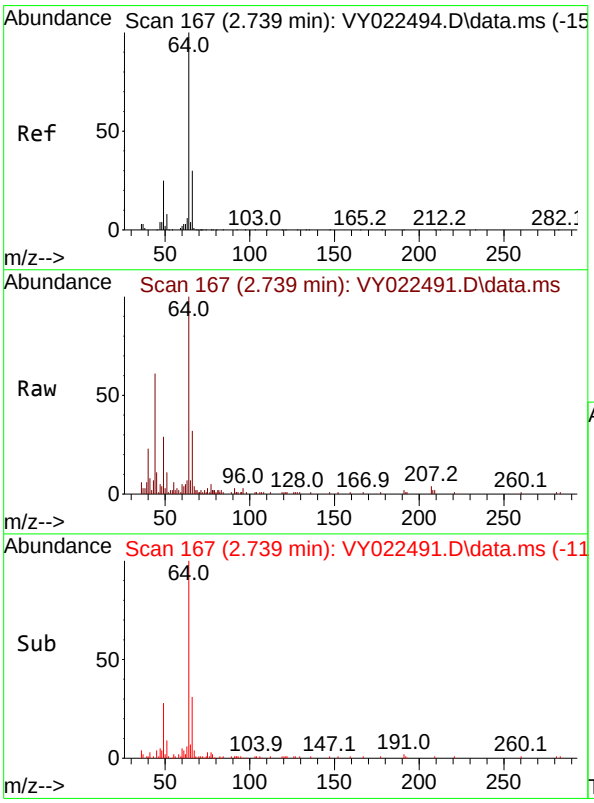
Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

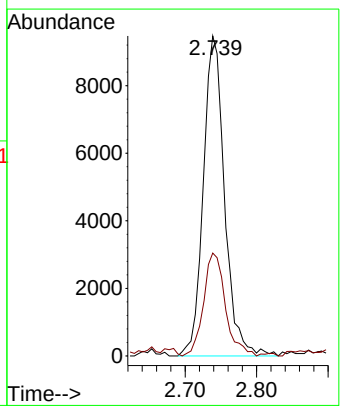


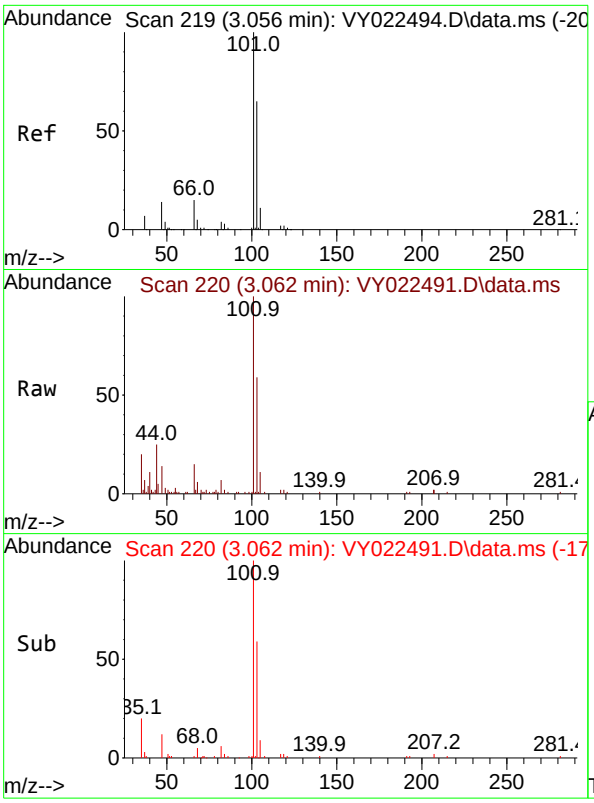


#6
Chloroethane
Concen: 4.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 64 Resp: 19566

Ion	Ratio	Lower	Upper
64	100		
66	32.1	23.8	35.6

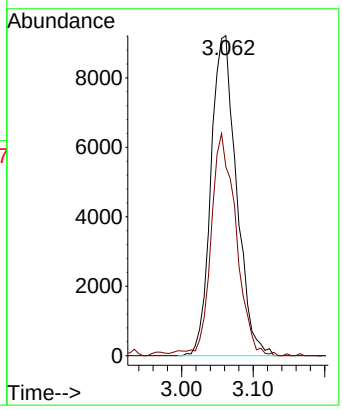




#7
Trichlorofluoromethane
Concen: 4.428 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:101 Resp: 2282

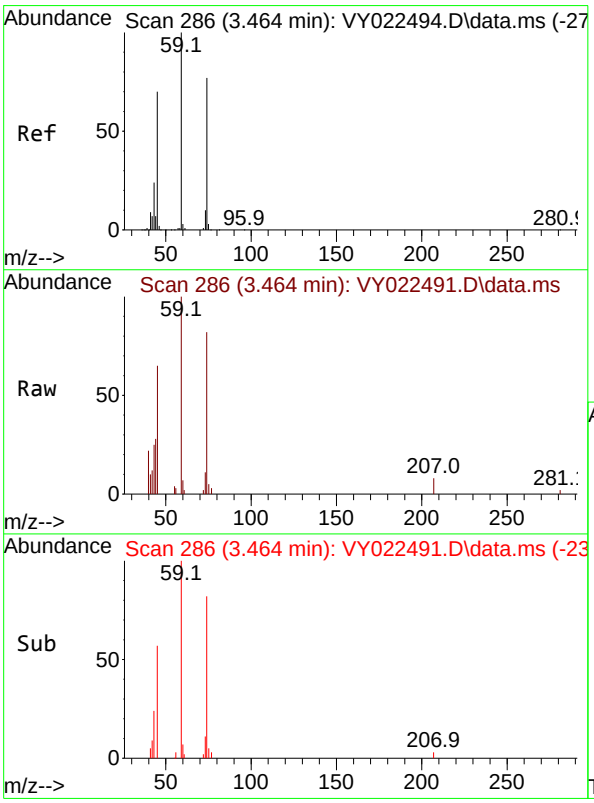
Ion	Ratio	Lower	Upper
101	100		
103	59.0	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

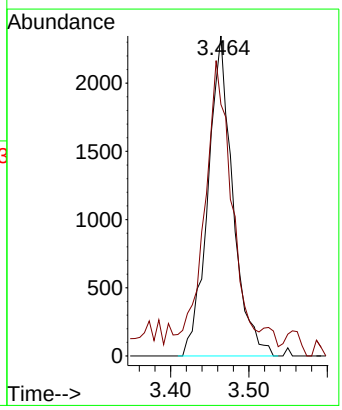
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

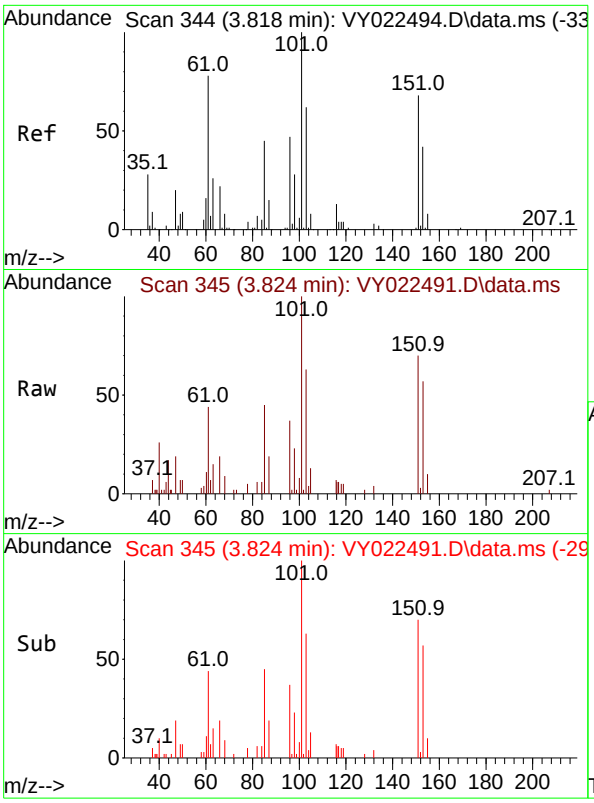


#8
Diethyl Ether
Concen: 4.553 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 74 Resp: 5184

Ion	Ratio	Lower	Upper
74	100		
45	98.9	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.744 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

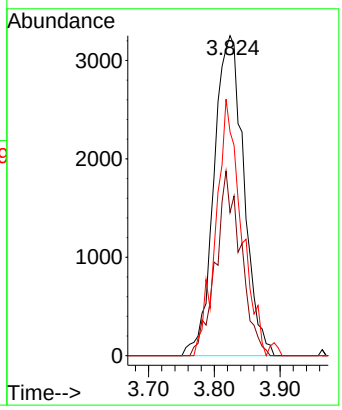
Tgt Ion:101 Resp: 1025

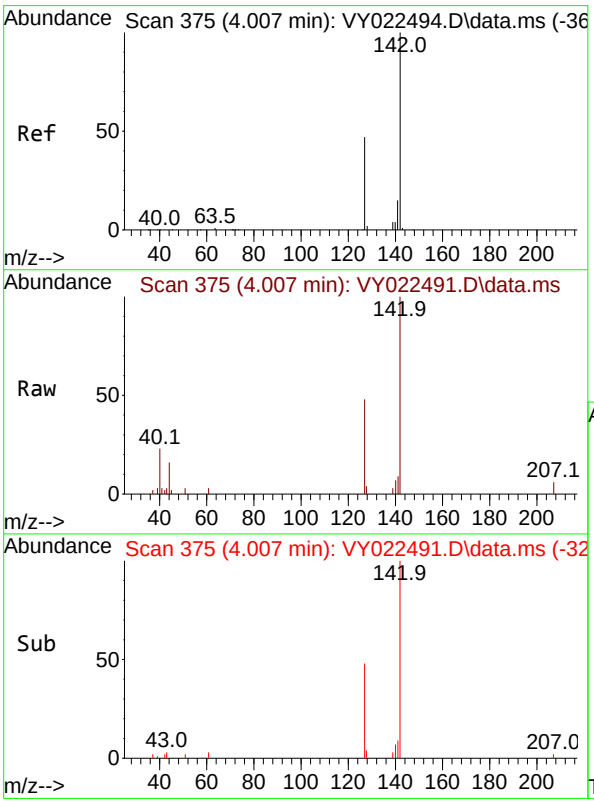
Ion	Ratio	Lower	Upper
101	100		
85	48.8	39.3	58.9
151	67.9	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

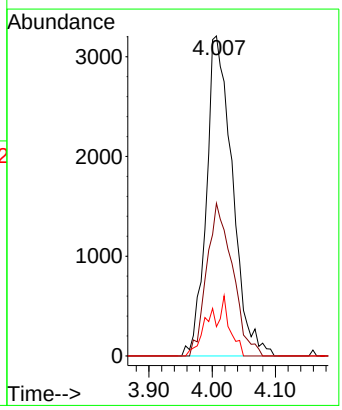


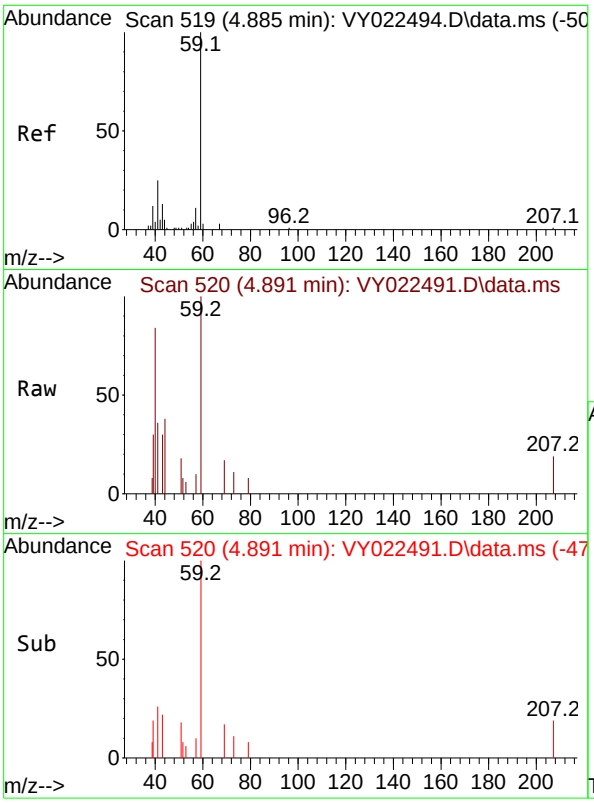


#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:142 Resp: 9174

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	7.8	11.4	17.2#

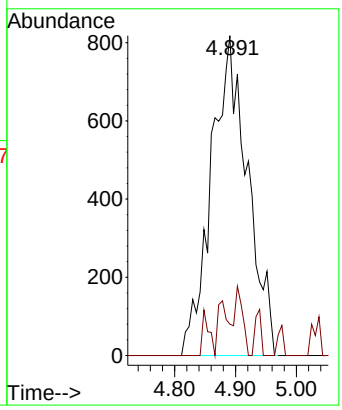




#11
Tert butyl alcohol
Concen: 21.587 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 59 Resp: 337

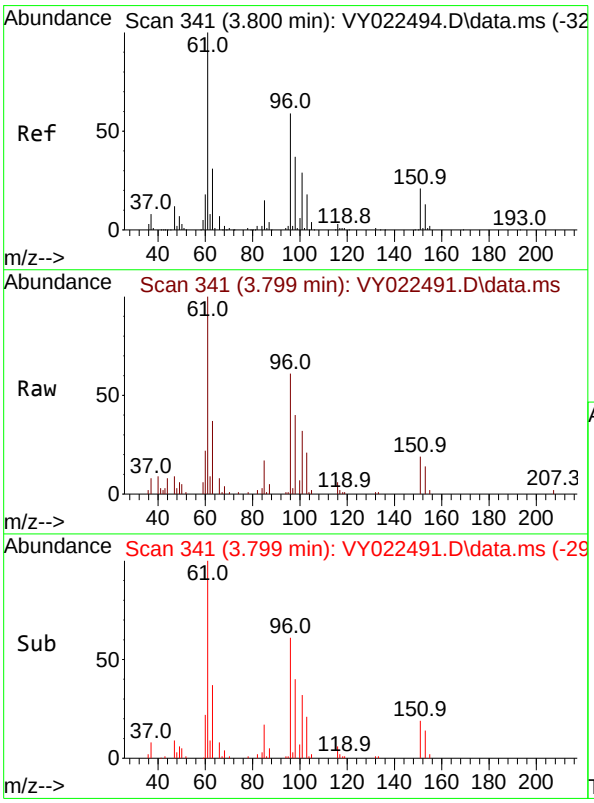
Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.0	12.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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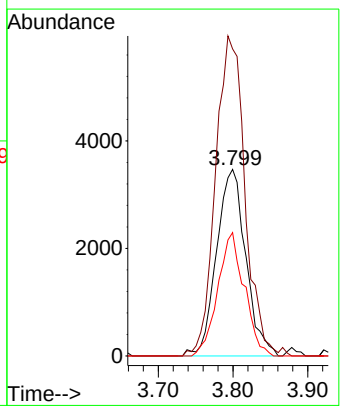
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

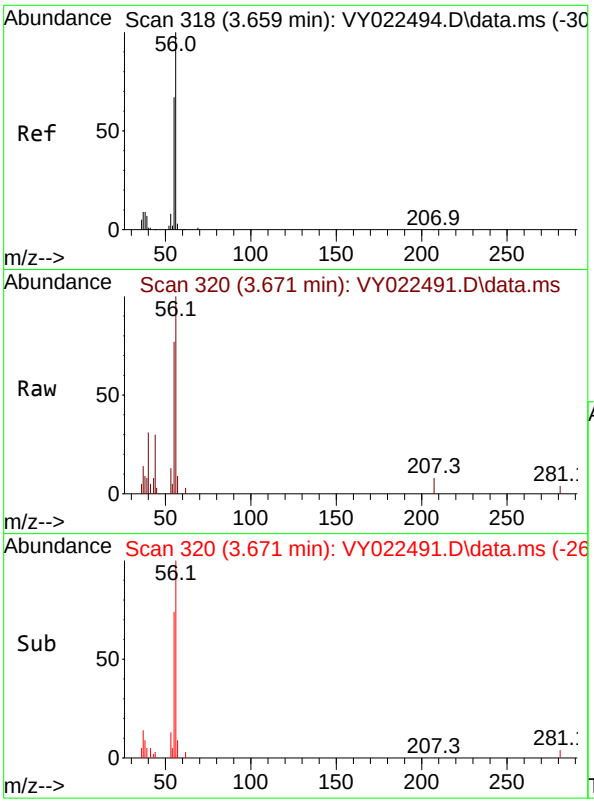


#12
1,1-Dichloroethene
Concen: 4.573 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 9440

Ion	Ratio	Lower	Upper
96	100		
61	164.6	134.6	201.8
98	66.2	50.2	75.4

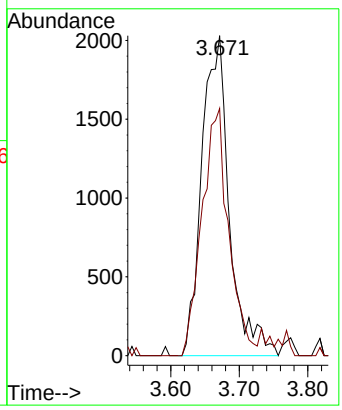




#13
Acrolein
Concen: 29.646 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 56 Resp: 565

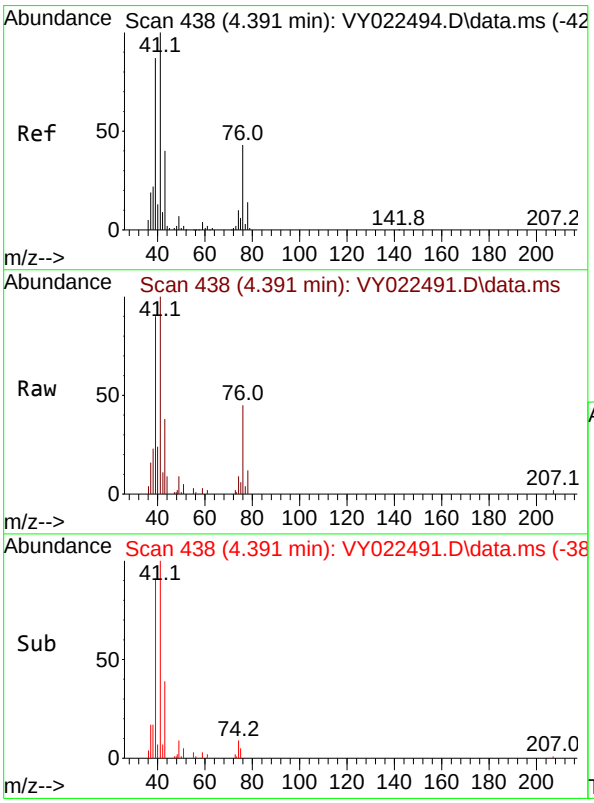
Ion	Ratio	Lower	Upper
56	100		
55	75.3	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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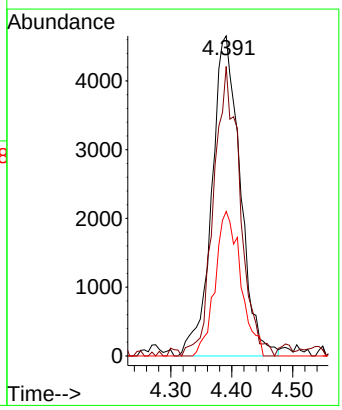
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

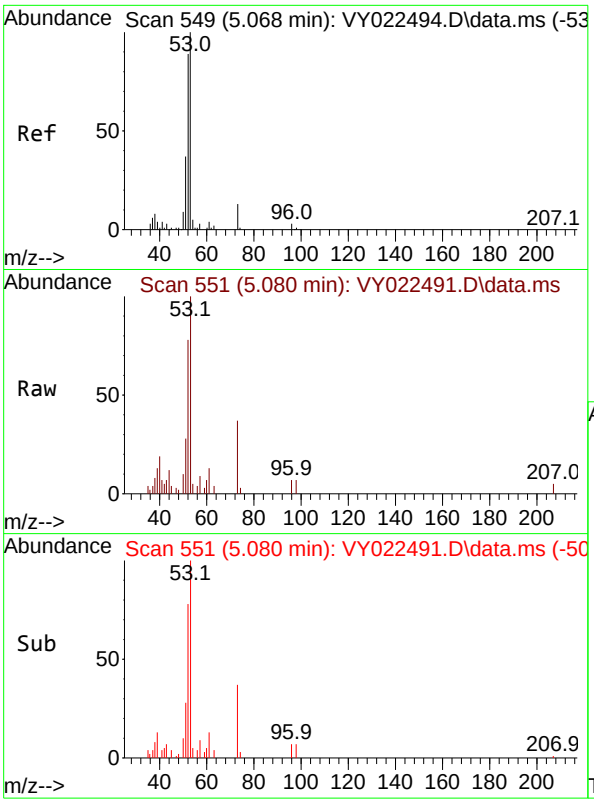


#14
Allyl chloride
Concen: 4.693 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 15096

Ion	Ratio	Lower	Upper
41	100		
39	84.0	69.1	103.7
76	40.8	33.5	50.3





#15
Acrylonitrile
Concen: 22.026 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

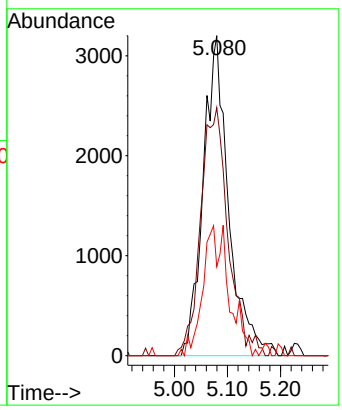
Tgt Ion: 53 Resp: 1066

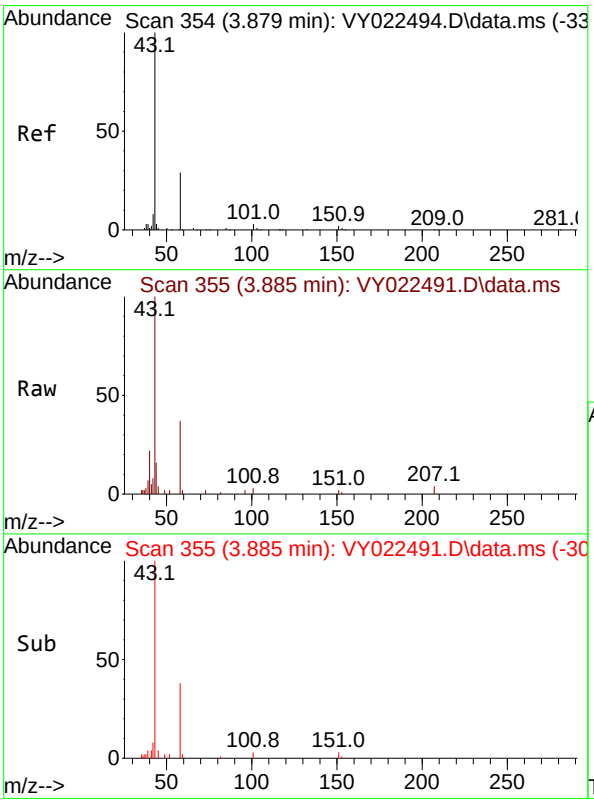
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.7	98.5
51	41.4	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

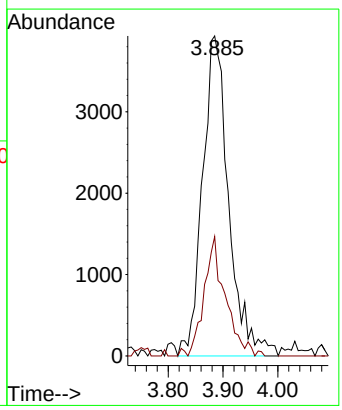


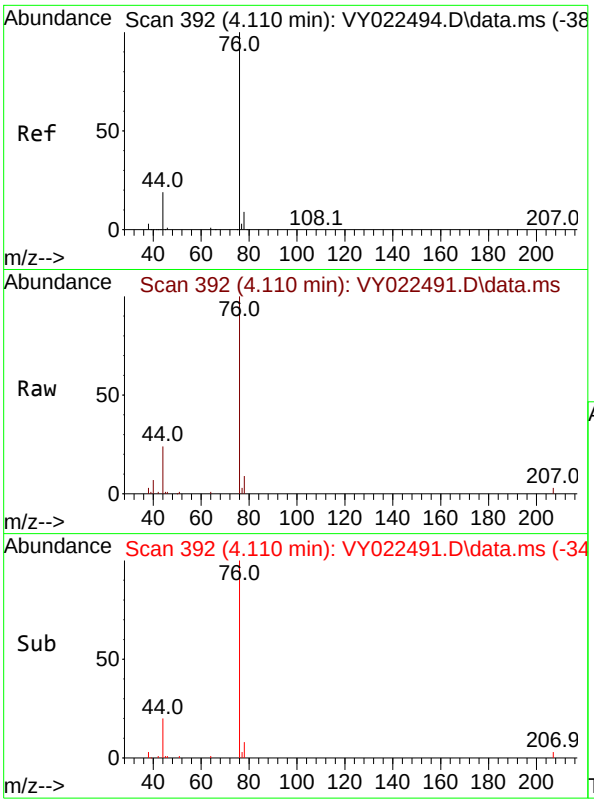


#16
Acetone
Concen: 30.108 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 13023

Ion	Ratio	Lower	Upper
43	100		
58	37.3	24.0	36.0#





#17
Carbon Disulfide
Concen: 4.586 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

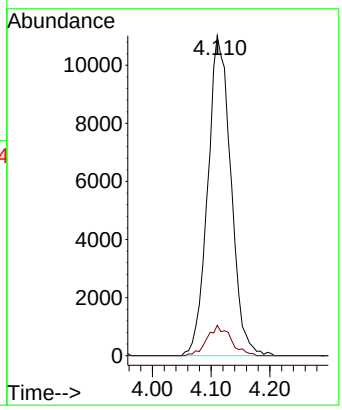
Tgt Ion: 76 Resp: 3022

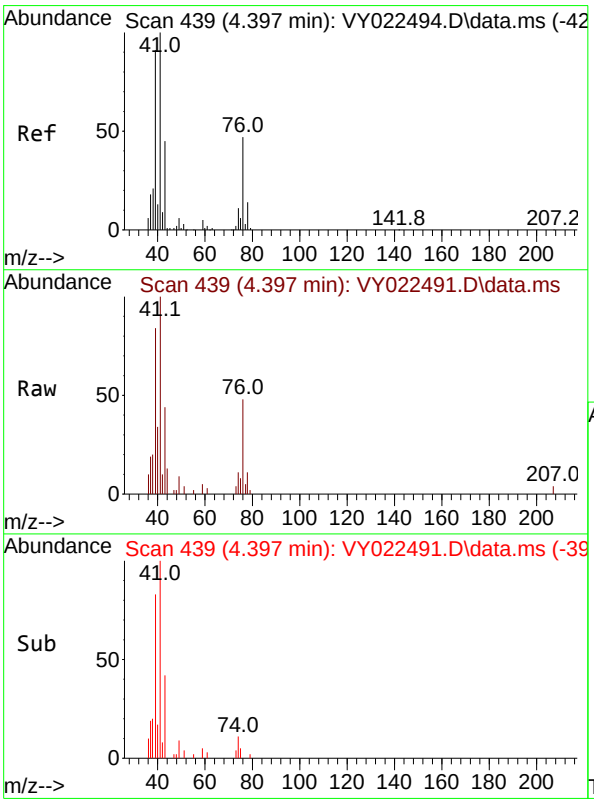
Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

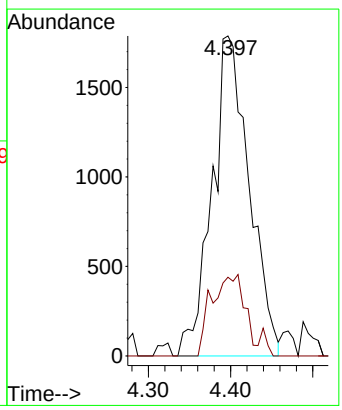


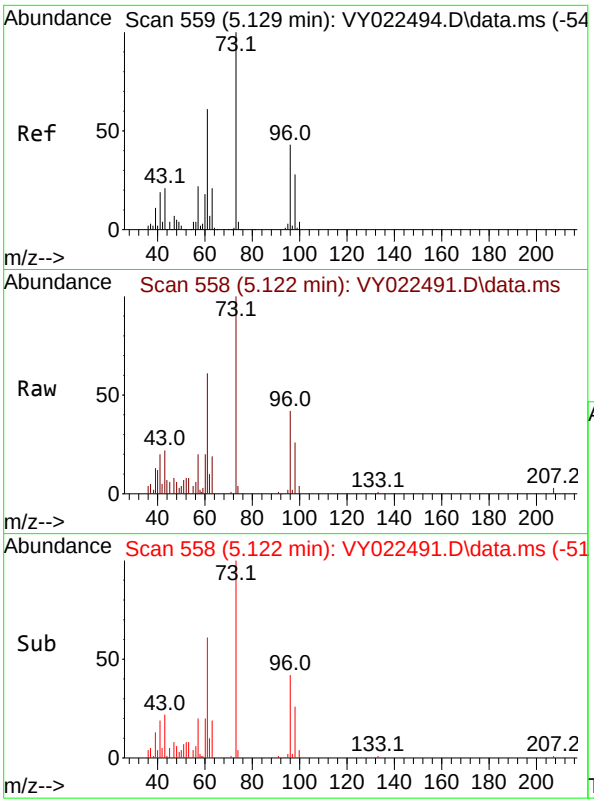


#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 5630

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.6

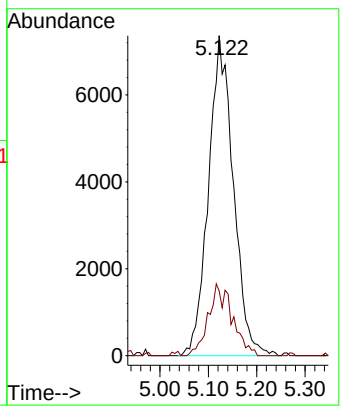




#19
Methyl tert-butyl Ether
Concen: 4.562 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 73 Resp: 2627

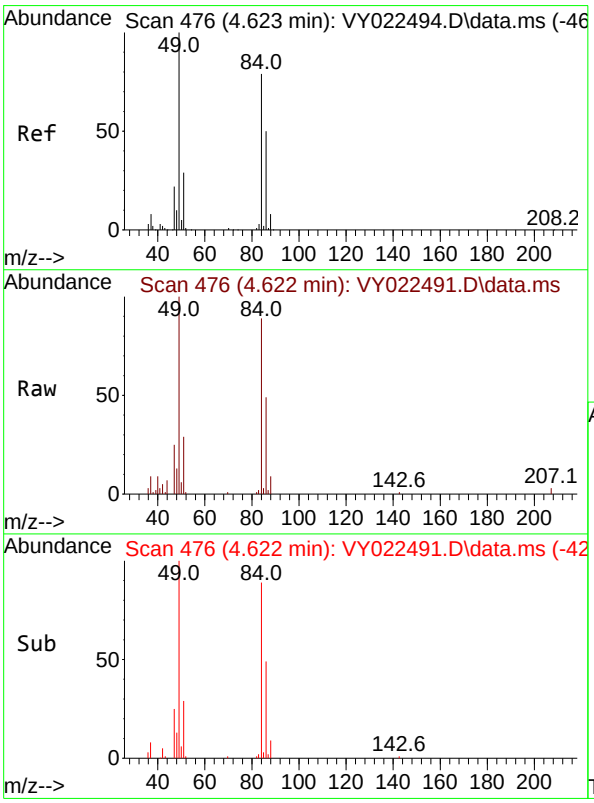
Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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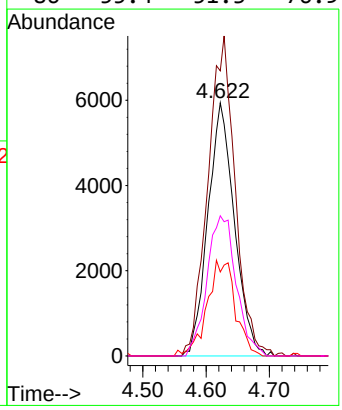
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

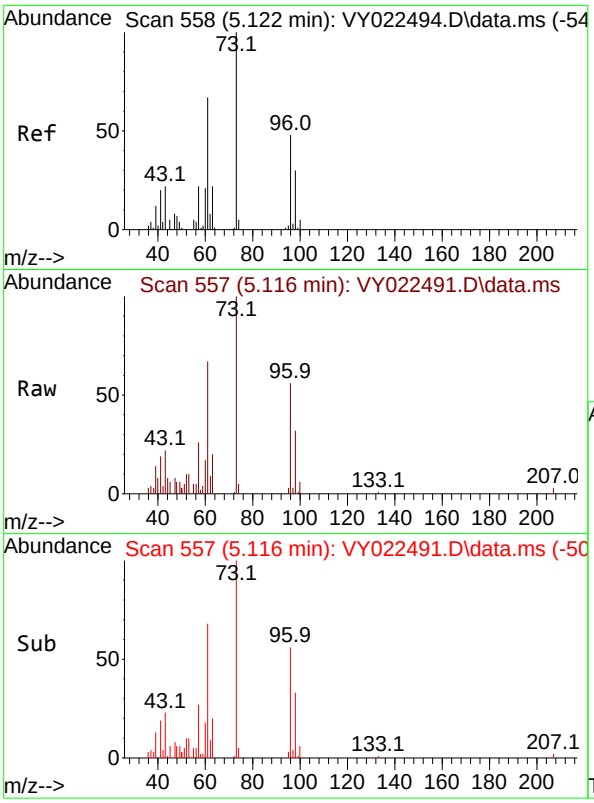


#20
Methylene Chloride
Concen: 7.168 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 84 Resp: 17312

Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.9	152.9
51	33.2	29.8	44.8
86	55.4	51.3	76.9

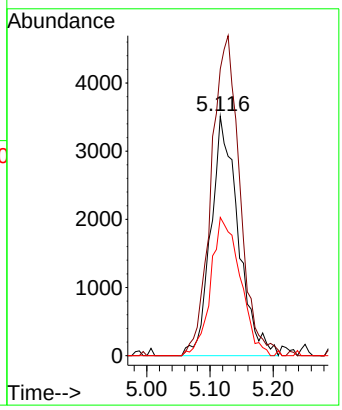




#21
trans-1,2-Dichloroethene
Concen: 4.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 1048

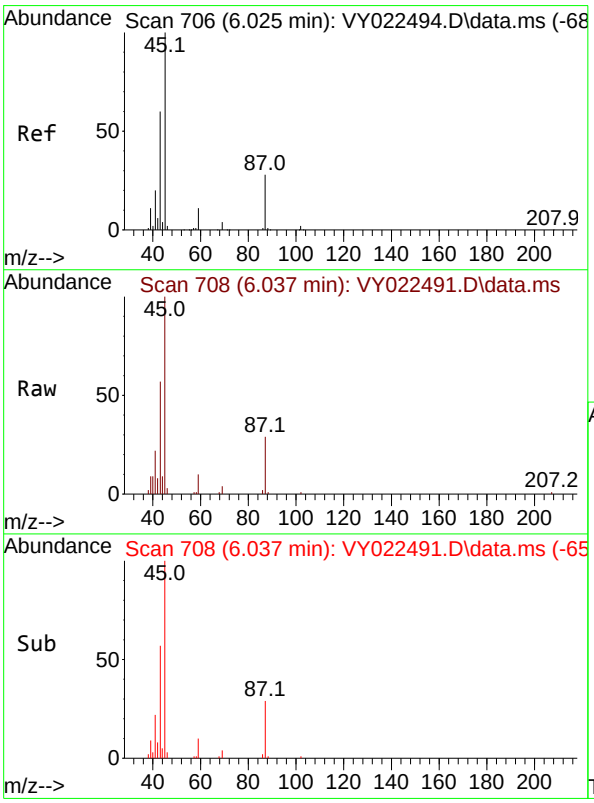
Ion	Ratio	Lower	Upper
96	100		
61	119.8	112.6	169.0
98	57.7	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

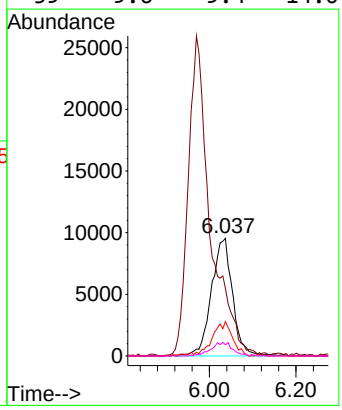
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

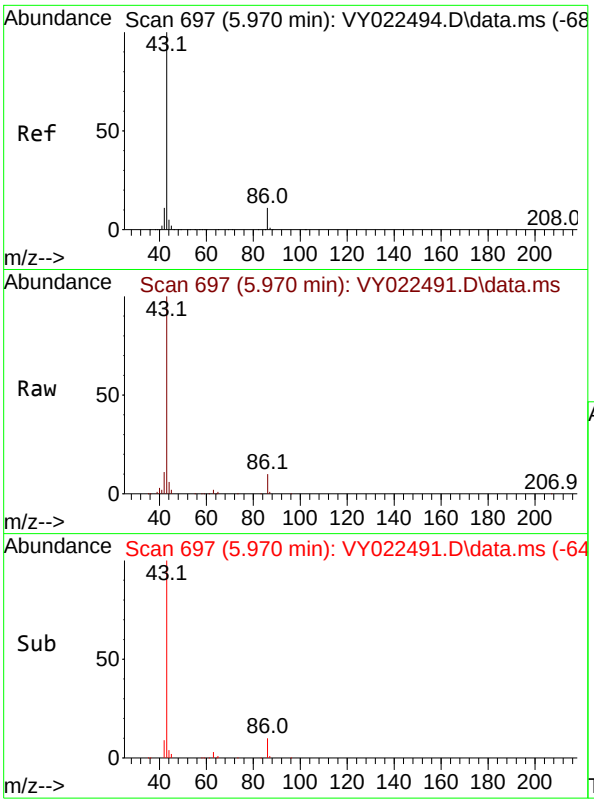


#22
Diisopropyl ether
Concen: 4.544 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 45 Resp: 32497

Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.3	72.5
87	29.3	23.0	34.6
59	9.6	9.4	14.0

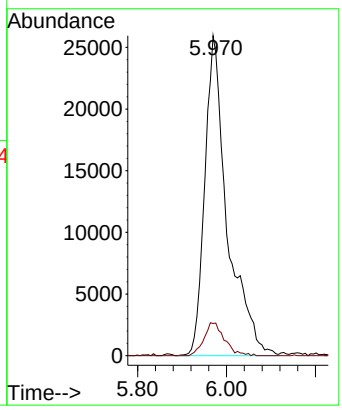




#23
Vinyl Acetate
Concen: 21.559 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9147

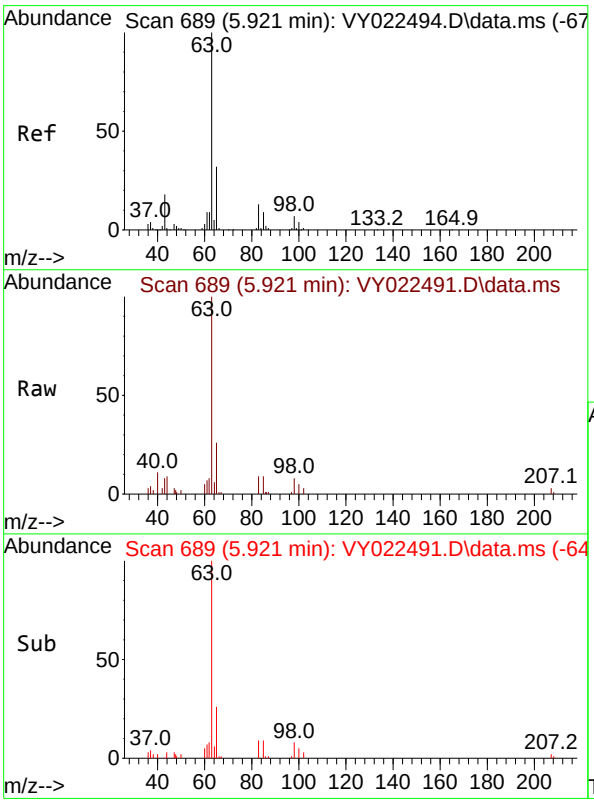
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

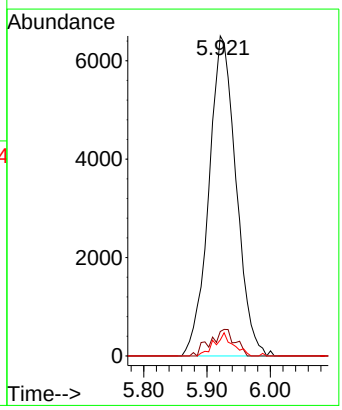
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

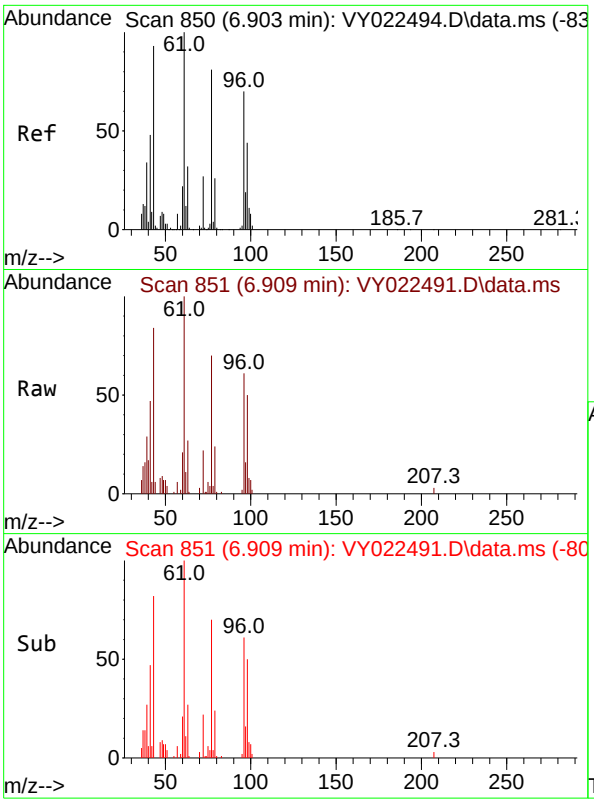


#24
1,1-Dichloroethane
Concen: 4.603 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 19460

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	5.0	2.1	6.3





#25
2-Butanone
Concen: 22.605 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

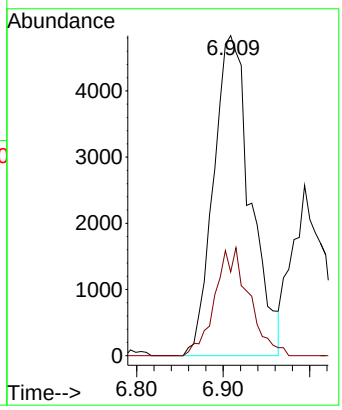
Tgt Ion: 43 Resp: 1442

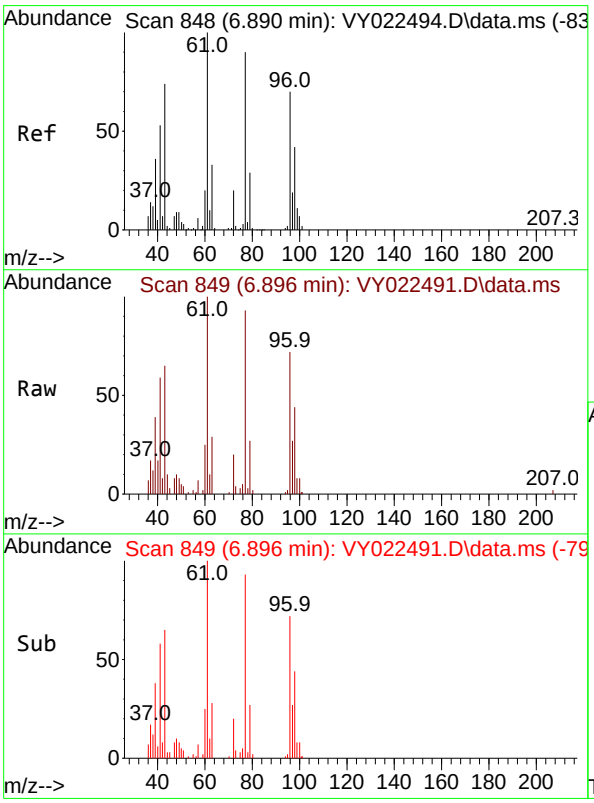
Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

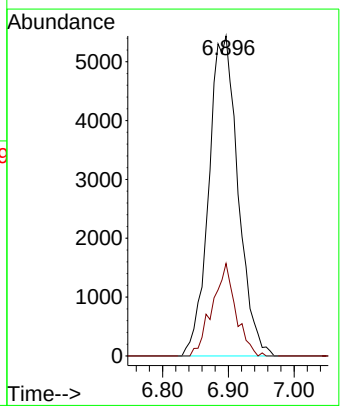


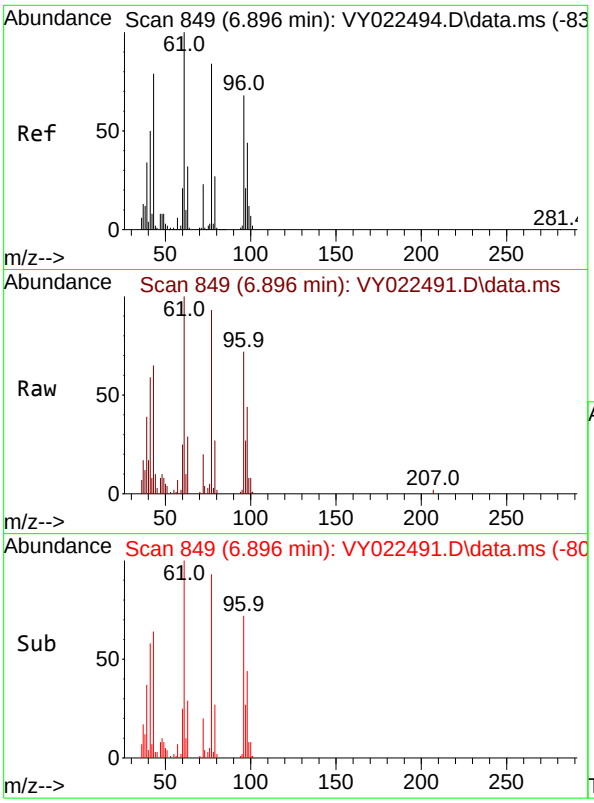


#26
2,2-Dichloropropane
Concen: 4.471 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 77 Resp: 16805

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.4	34.2

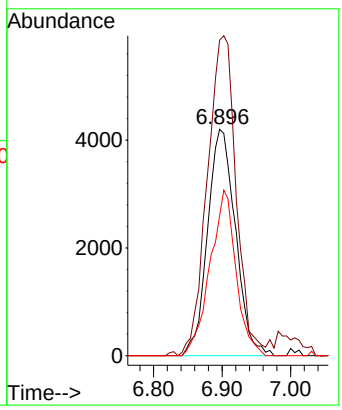




#27
cis-1,2-Dichloroethene
Concen: 4.467 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 1190

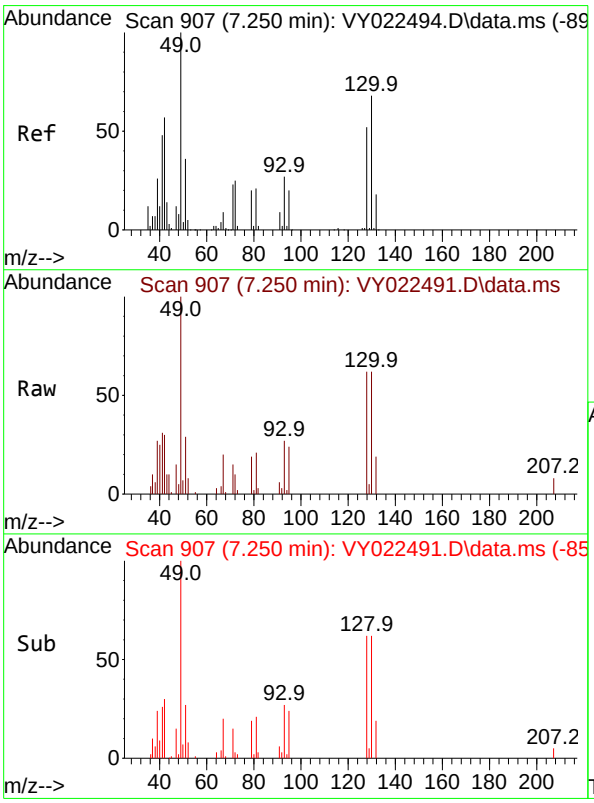
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	290.0
98	67.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

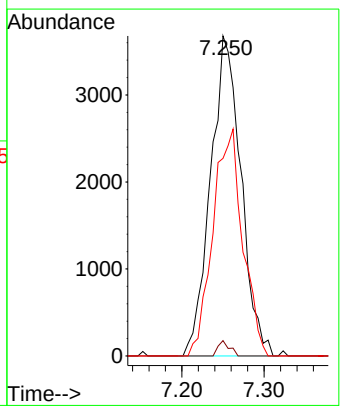
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

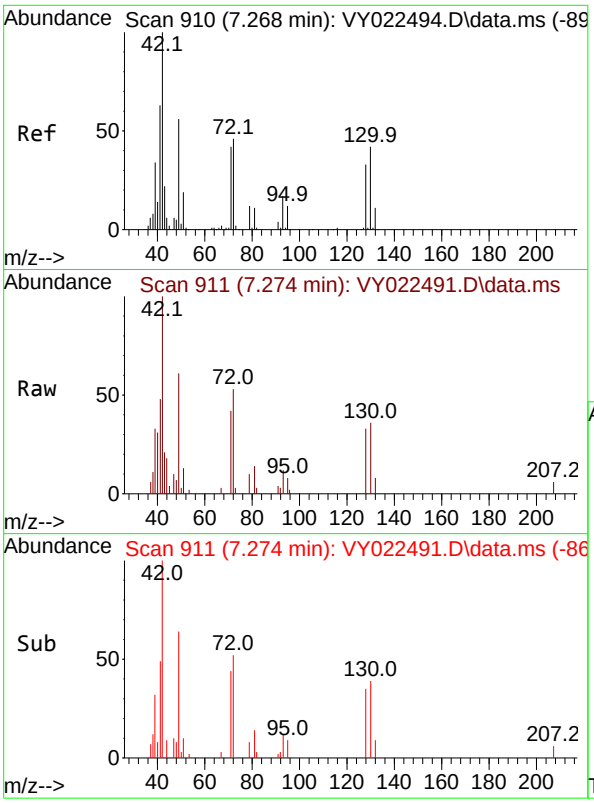


#28
Bromochloromethane
Concen: 5.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 49 Resp: 9453

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.5	55.7	83.5

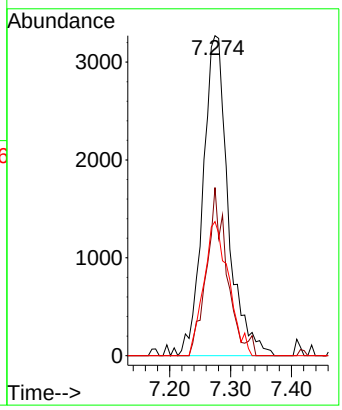




#29
Tetrahydrofuran
Concen: 22.781 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 42 Resp: 937

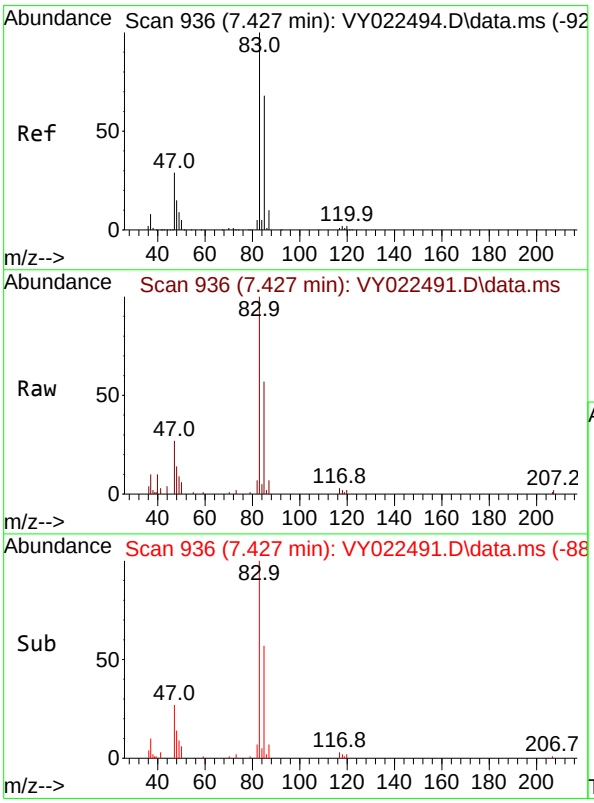
Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.4	56.2
71	41.5	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

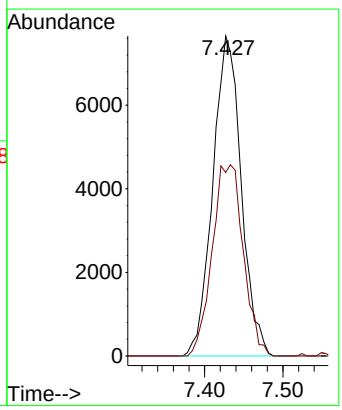
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

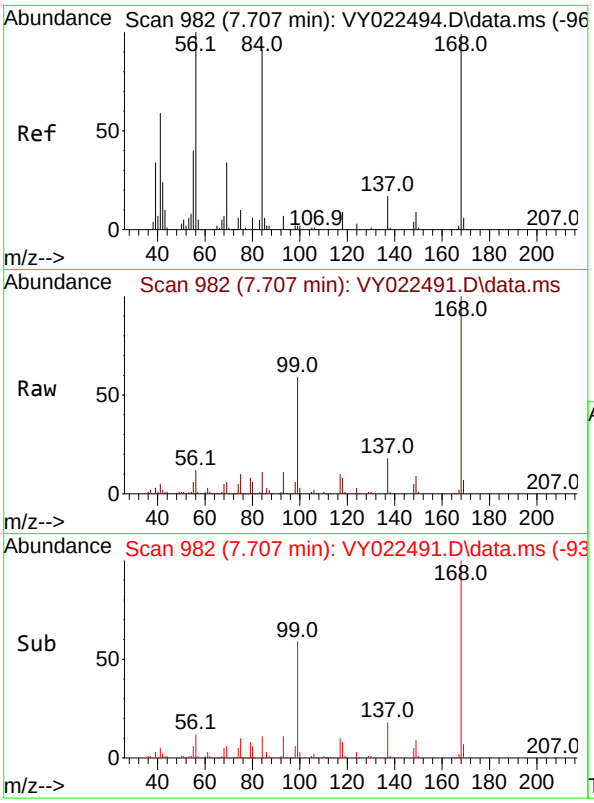


#30
Chloroform
Concen: 4.620 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 19302

Ion	Ratio	Lower	Upper
83	100		
85	57.4	54.2	81.4

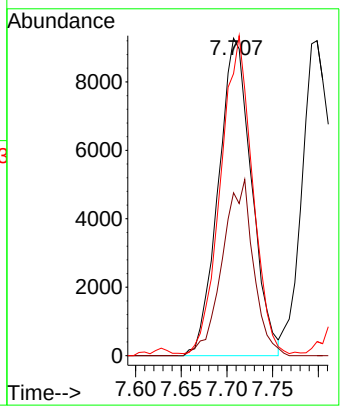




#31
Cyclohexane
Concen: 5.519 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 56 Resp: 2348

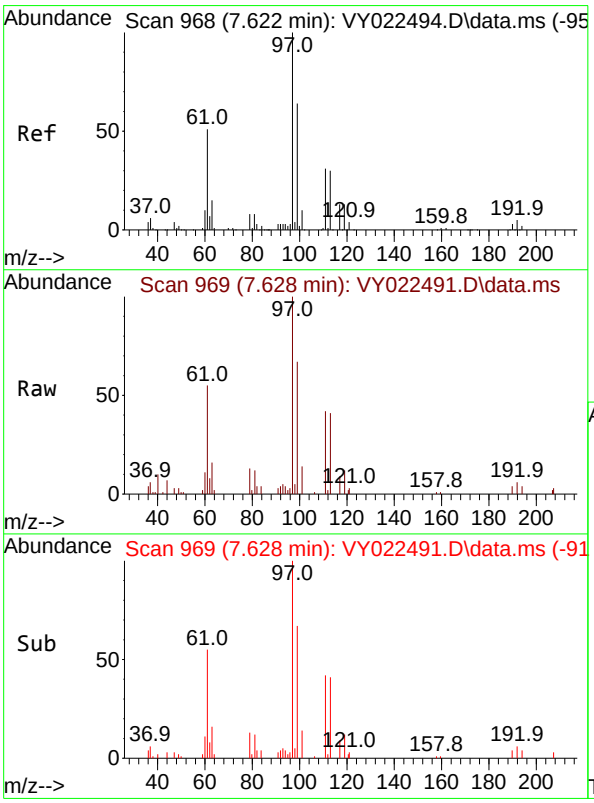
Ion	Ratio	Lower	Upper
56	100		
69	51.3	27.0	40.6
84	88.1	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

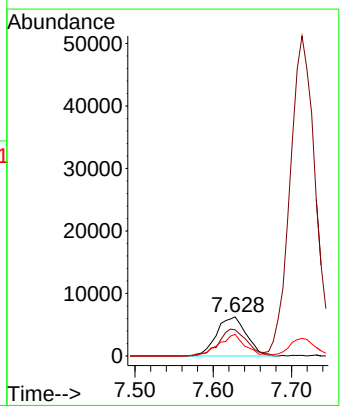
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

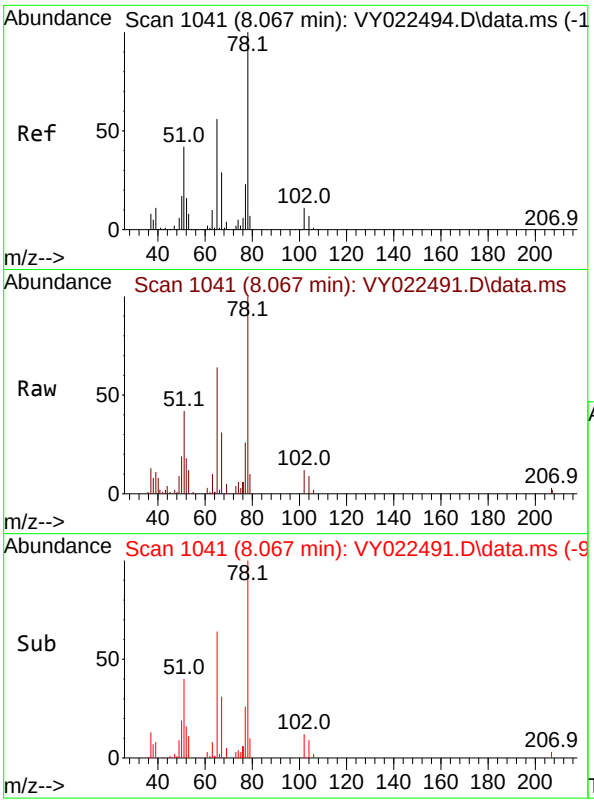


#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 16476

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	48.9	38.5	57.7

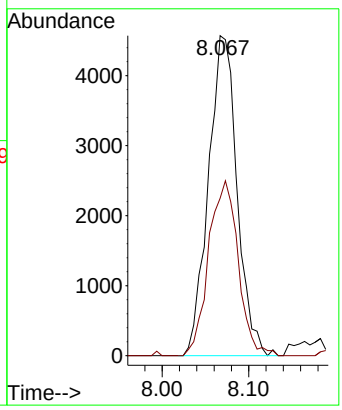




#33
1,2-Dichloroethane-d4
Concen: 4.802 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 65 Resp: 1050

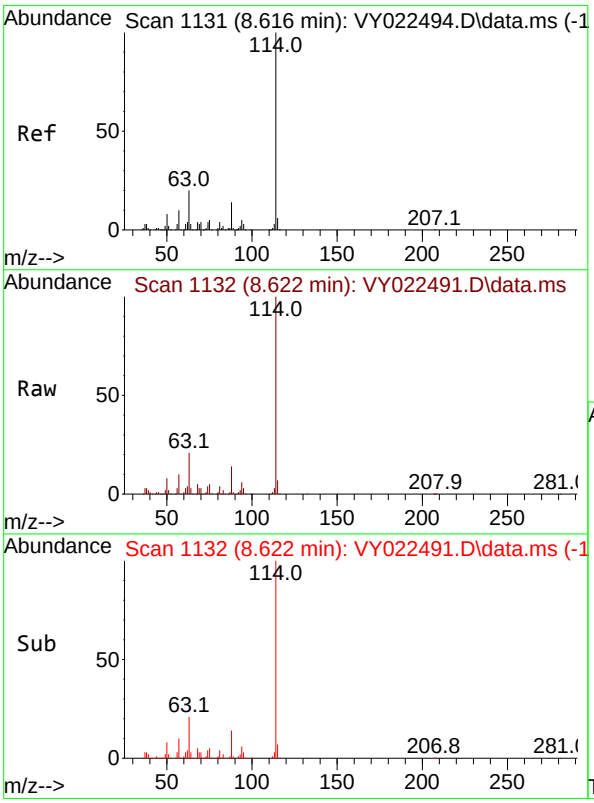
Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

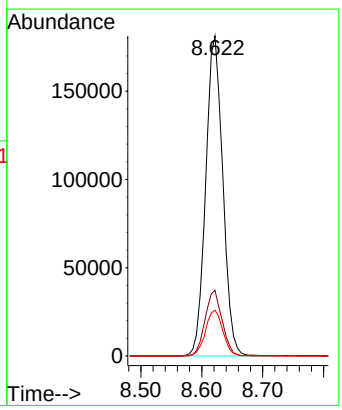
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

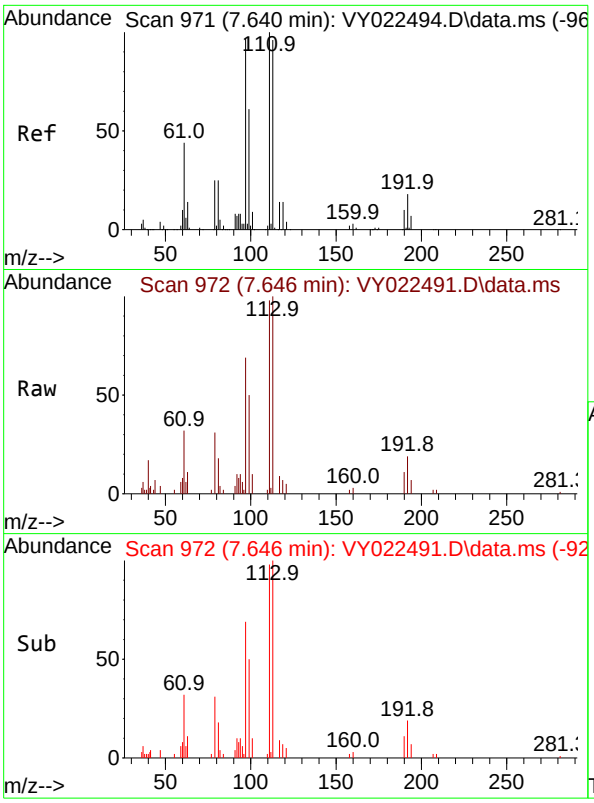


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:114 Resp: 353755

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.3	0.0	27.8





#35
Dibromofluoromethane
Concen: 4.477 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

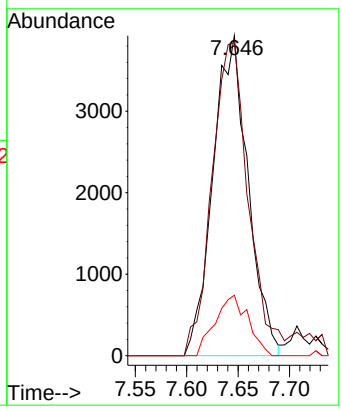
Tgt Ion:113 Resp: 932

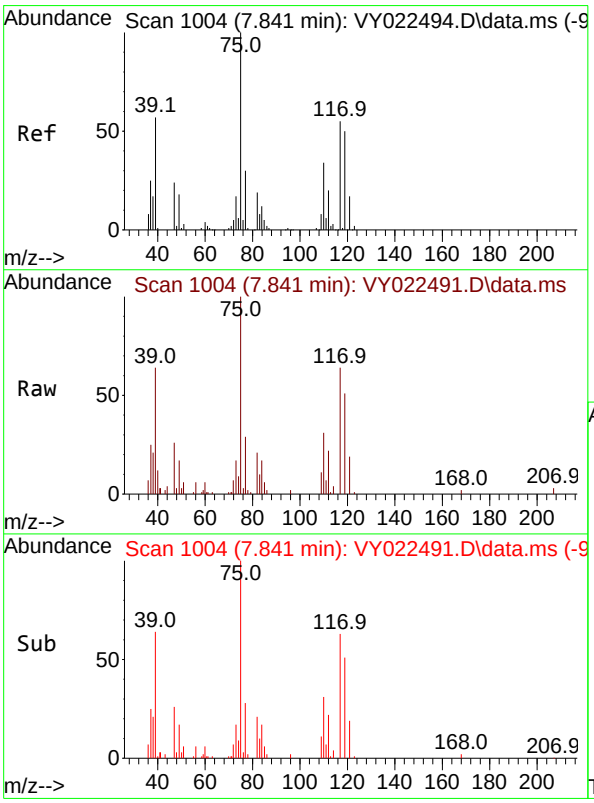
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.8	14.2	21.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

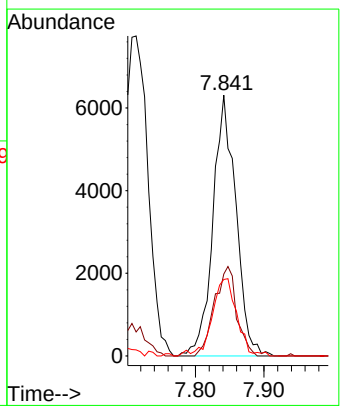


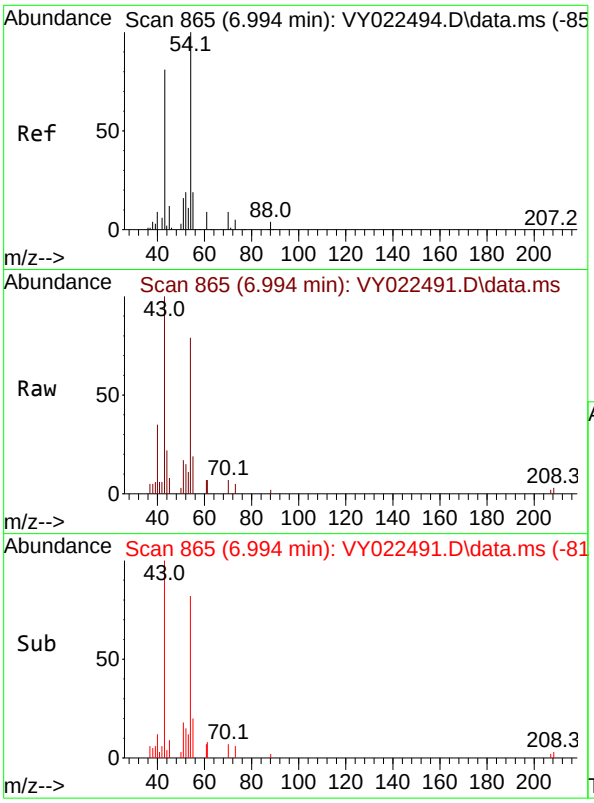


#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14700

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	32.0	24.8	37.2

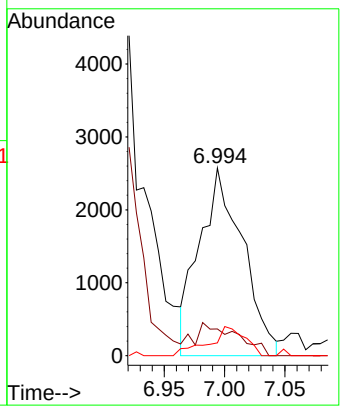




#37
Ethyl Acetate
Concen: 4.326 ug/l m
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 640

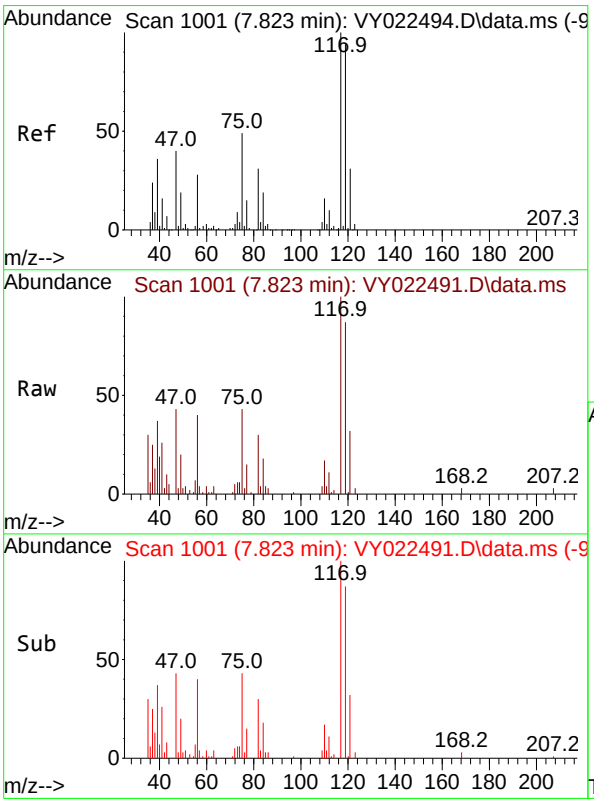
Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.5	17.3#
70	12.8	7.2	10.8#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

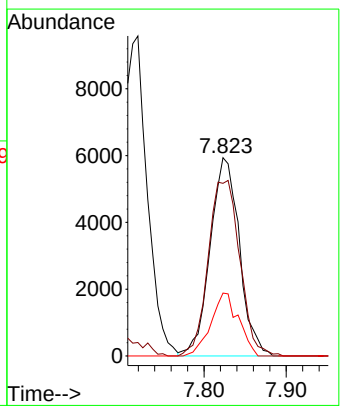
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

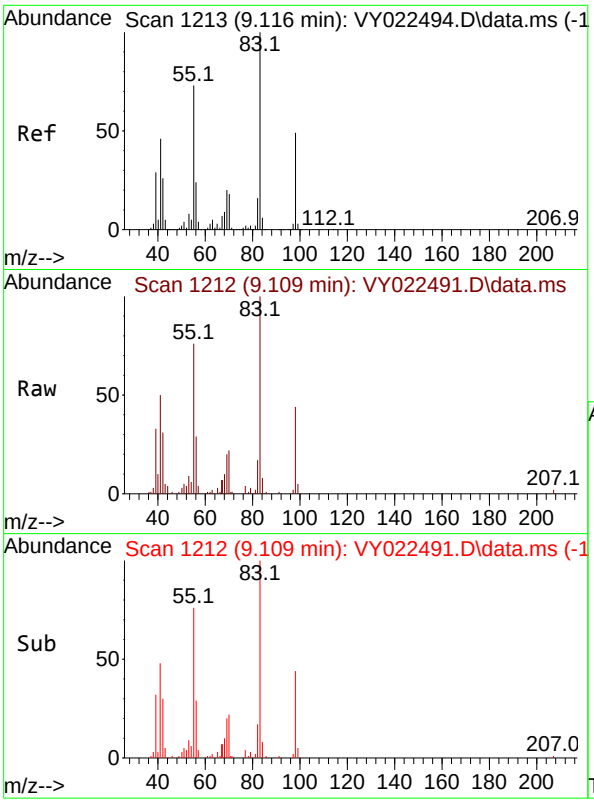


#38
Carbon Tetrachloride
Concen: 4.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 14691

Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.0	112.6
121	31.7	25.0	37.4

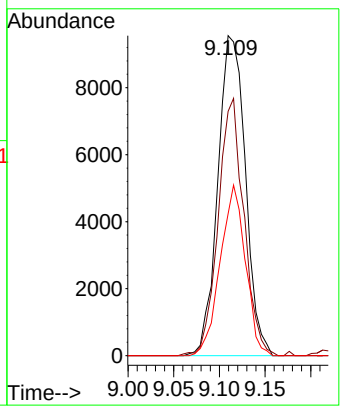




#39
Methylcyclohexane
Concen: 4.415 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 2007

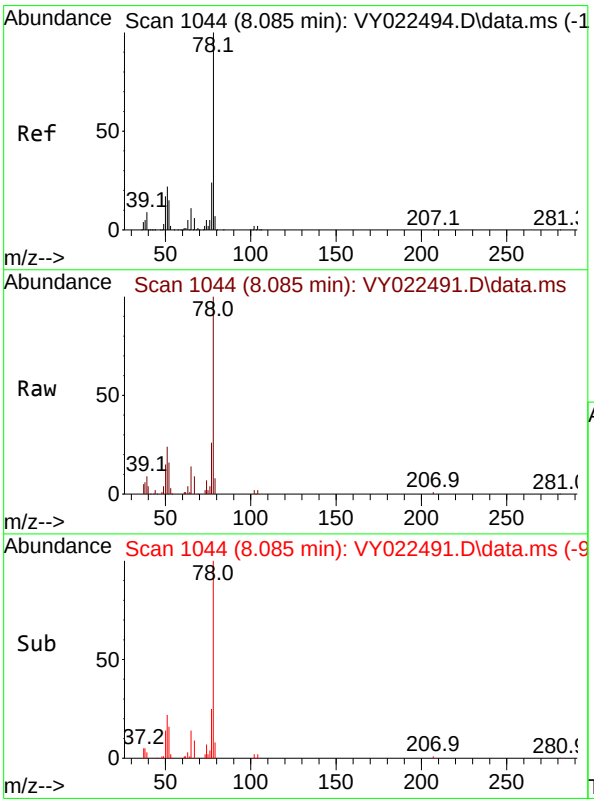
Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.1	87.1
98	44.4	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

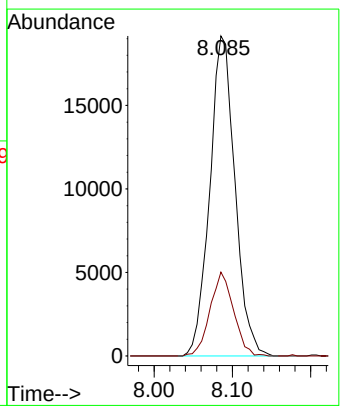
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

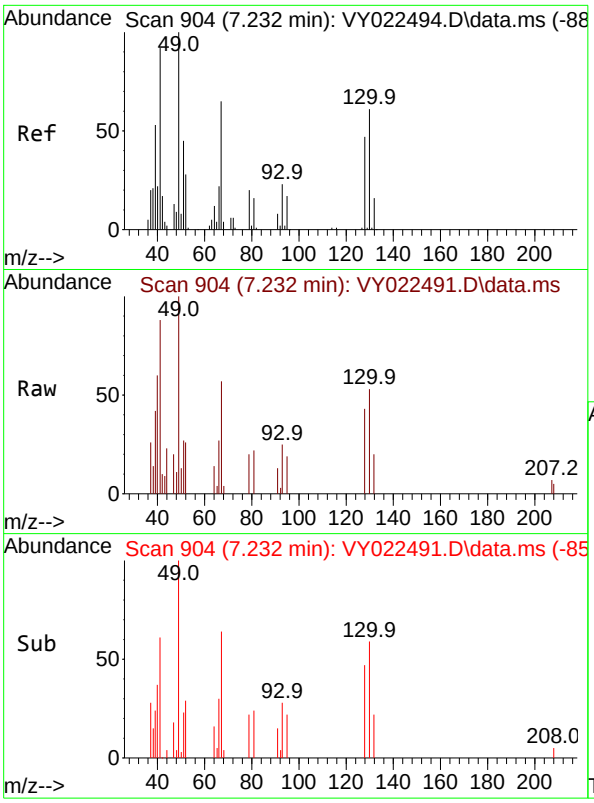


#40
Benzene
Concen: 4.326 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 78 Resp: 42926

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9

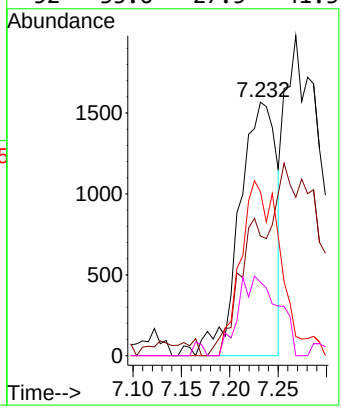




#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 7.232 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 419

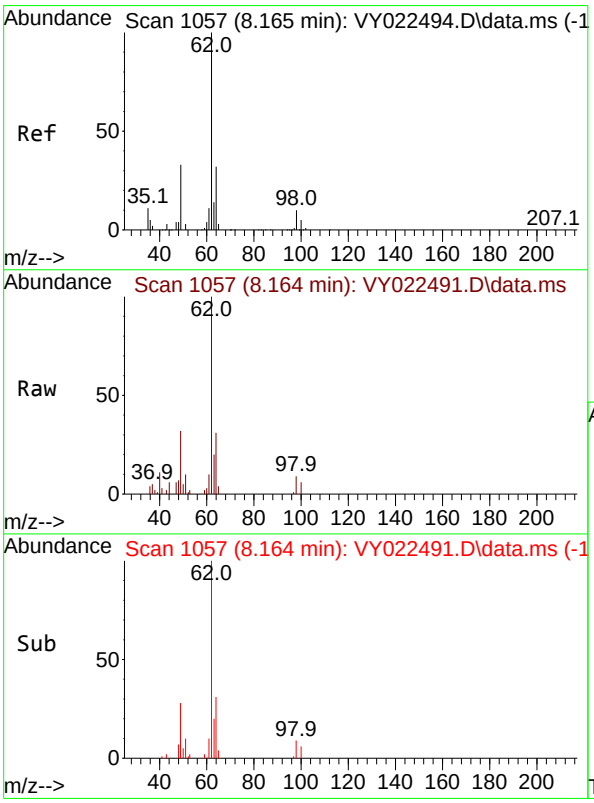
Ion	Ratio	Lower	Upper
41	100		
39	40.1	46.6	69.8
67	74.0	63.3	94.9
52	33.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

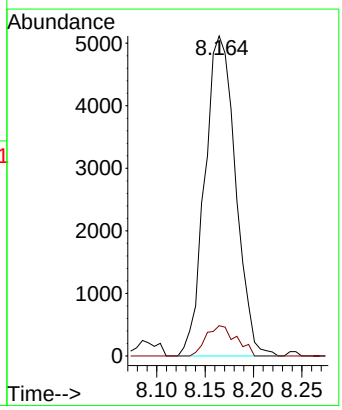
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

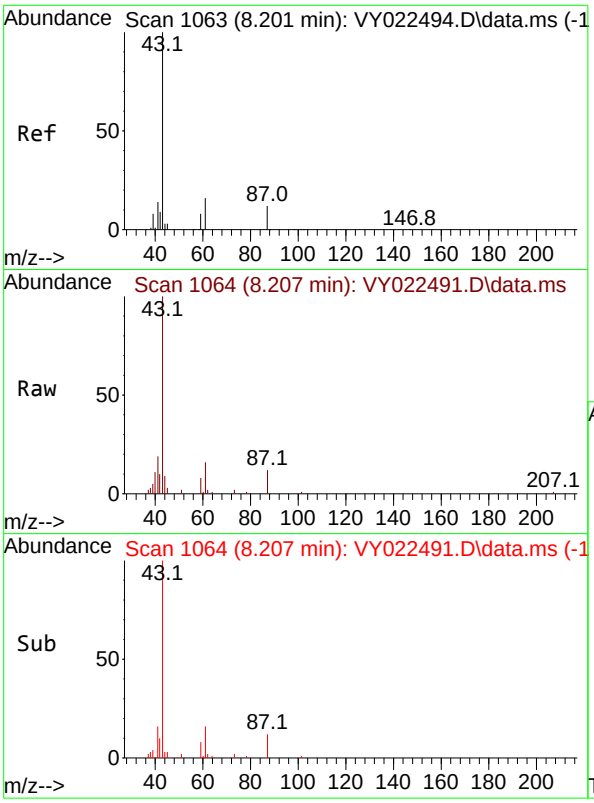


#42
1,2-Dichloroethane
Concen: 4.198 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 11332

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

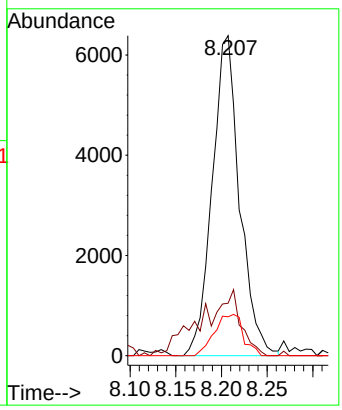
Tgt Ion: 43 Resp: 1333

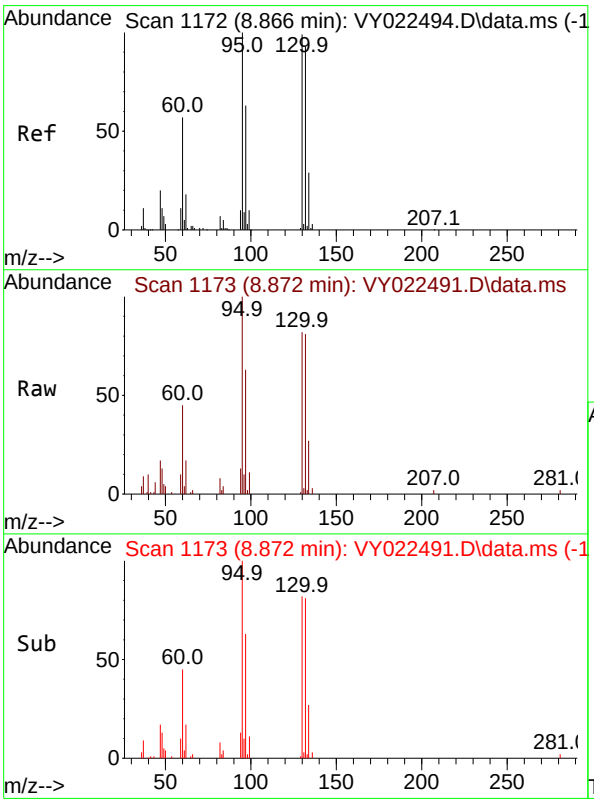
Ion	Ratio	Lower	Upper
43	100		
61	16.2	15.6	23.4
87	13.6	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

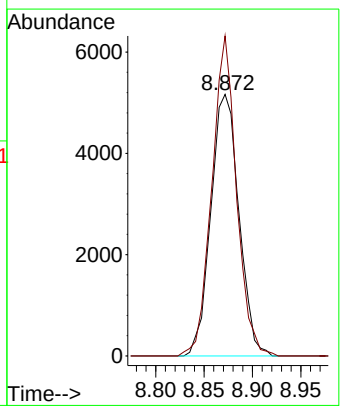


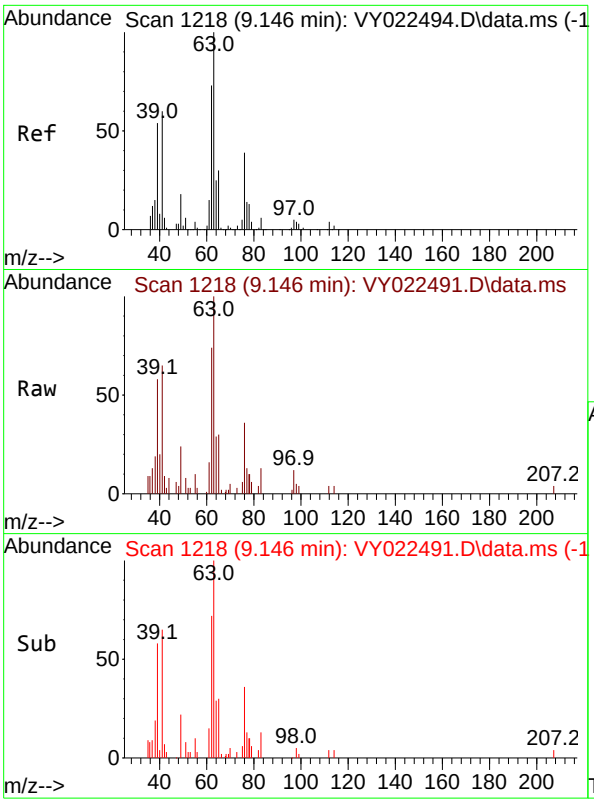


#44
Trichloroethene
Concen: 4.292 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:130 Resp: 10404

Ion	Ratio	Lower	Upper
130	100		
95	122.3	0.0	203.0

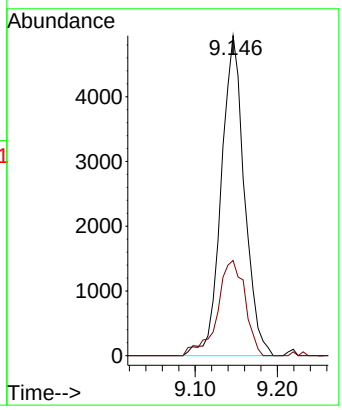




#45
1,2-Dichloropropane
Concen: 4.091 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 967

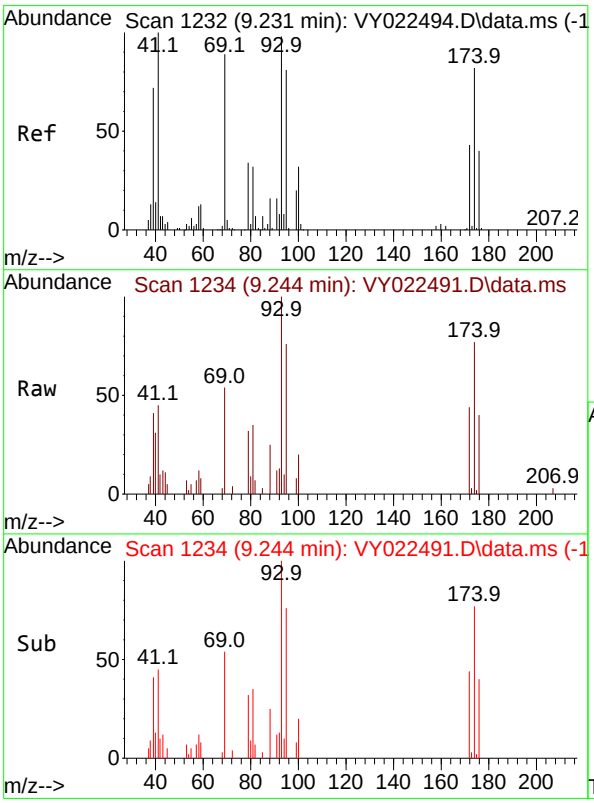
Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

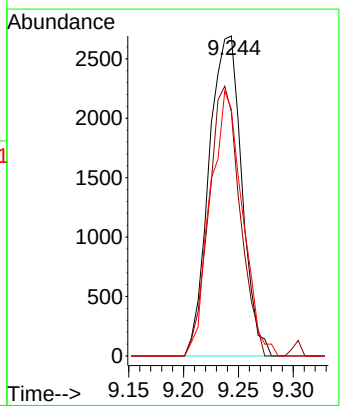
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

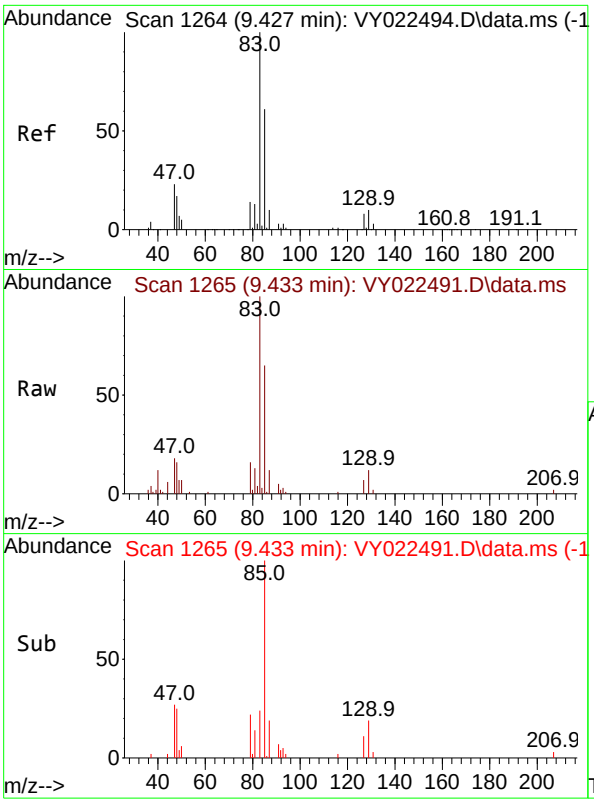


#46
Dibromomethane
Concen: 4.223 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 93 Resp: 5596

Ion	Ratio	Lower	Upper
93	100		
95	79.9	65.6	98.4
174	81.3	70.4	105.6

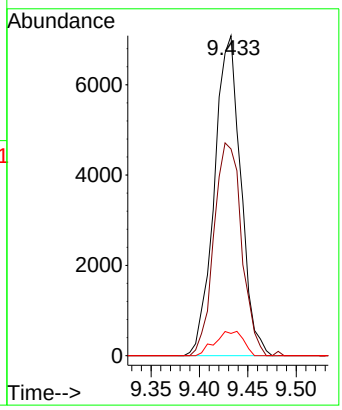




#47
Bromodichloromethane
Concen: 3.999 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 1344

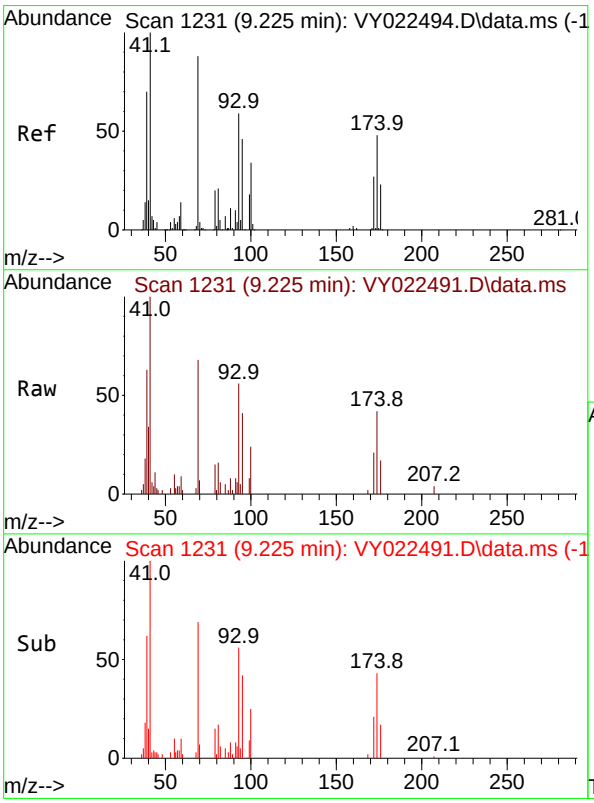
Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.1	73.7
127	7.0	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

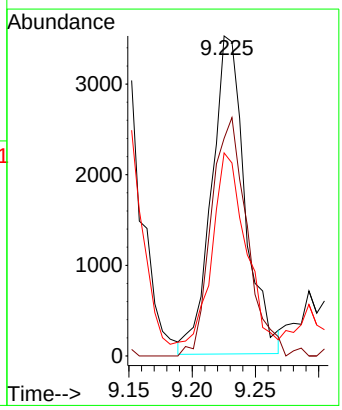
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

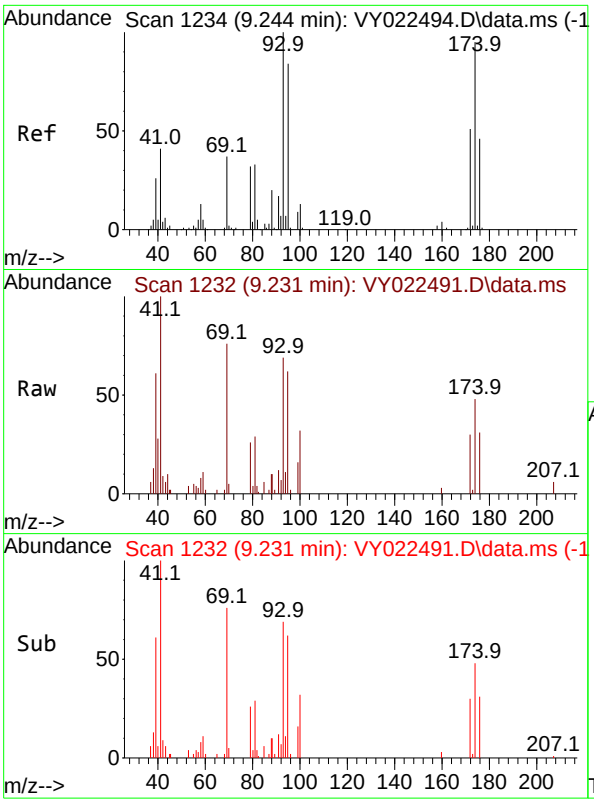


#48
Methyl methacrylate
Concen: 4.374 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 6483

Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.8	101.8
39	57.3	55.0	82.4

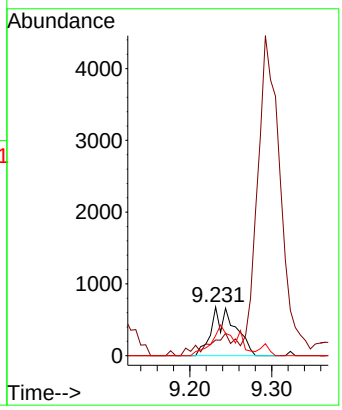




#49
1,4-Dioxane
Concen: 85.767 ug/l m
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 88 Resp: 135

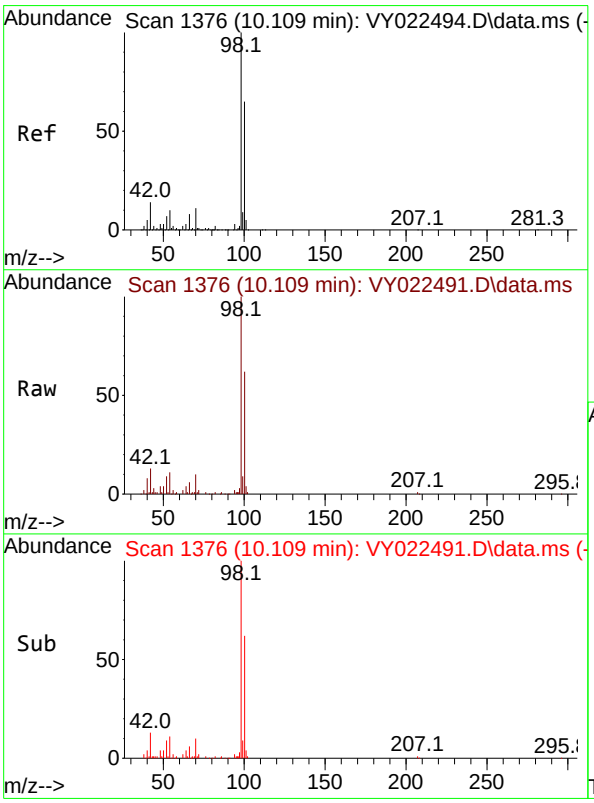
Ion	Ratio	Lower	Upper
88	100		
43	53.1	25.4	38.2
58	65.5	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

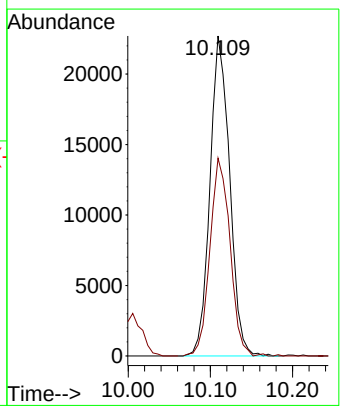
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

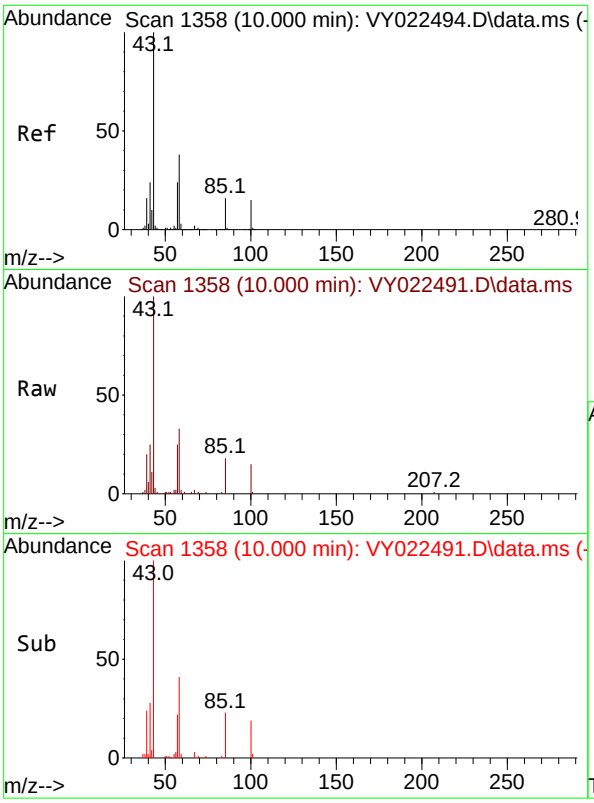


#50
Toluene-d8
Concen: 4.482 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 98 Resp: 37729

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0

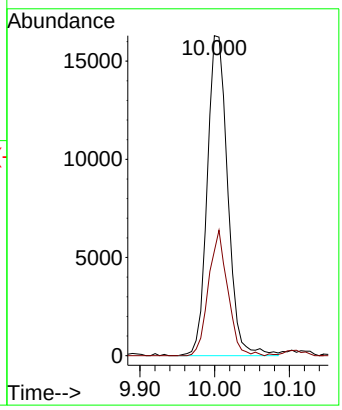




#51
4-Methyl-2-Pentanone
Concen: 19.273 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 3096

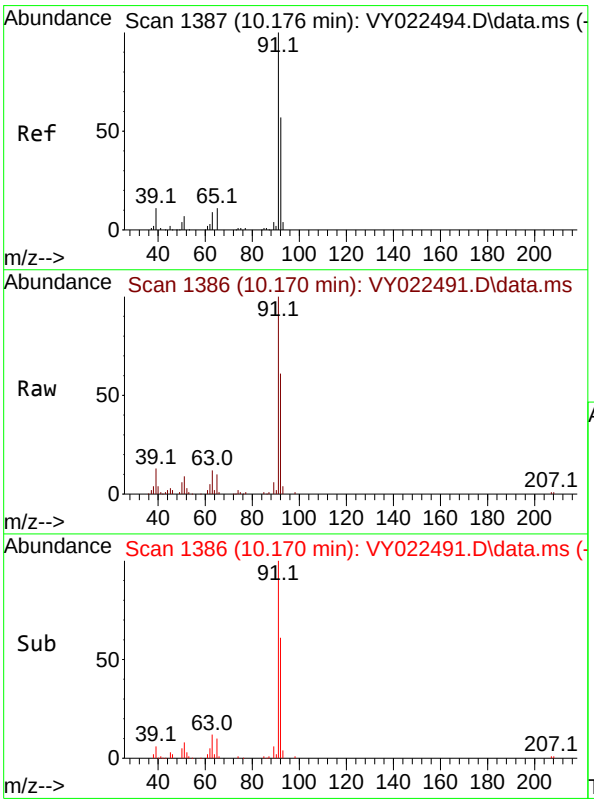
Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

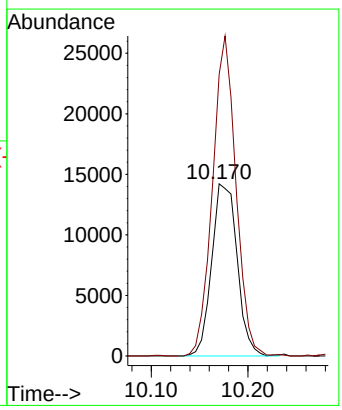
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

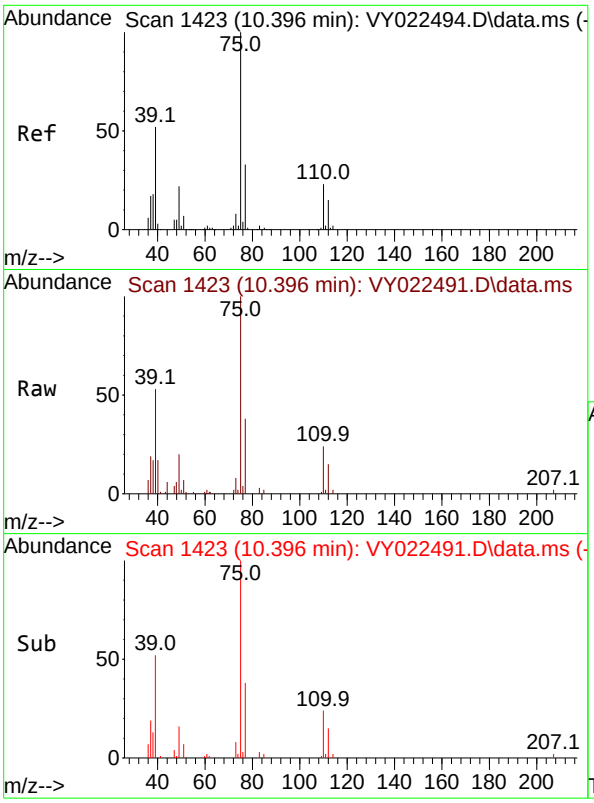


#52
Toluene
Concen: 4.150 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 92 Resp: 25893

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.0	208.4

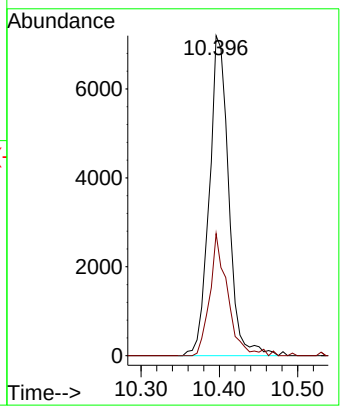




#53
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 1238

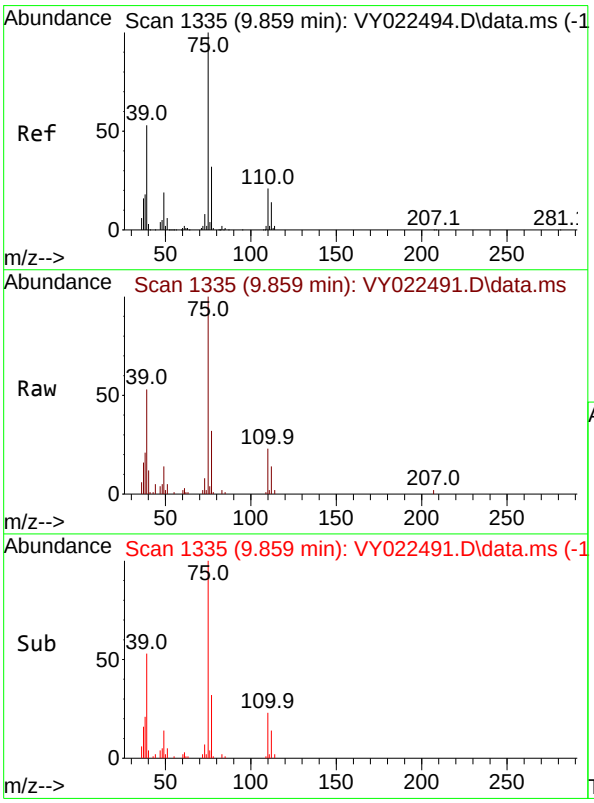
Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

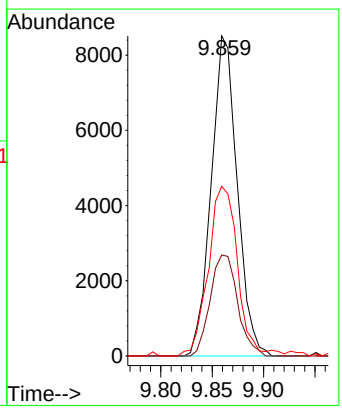
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

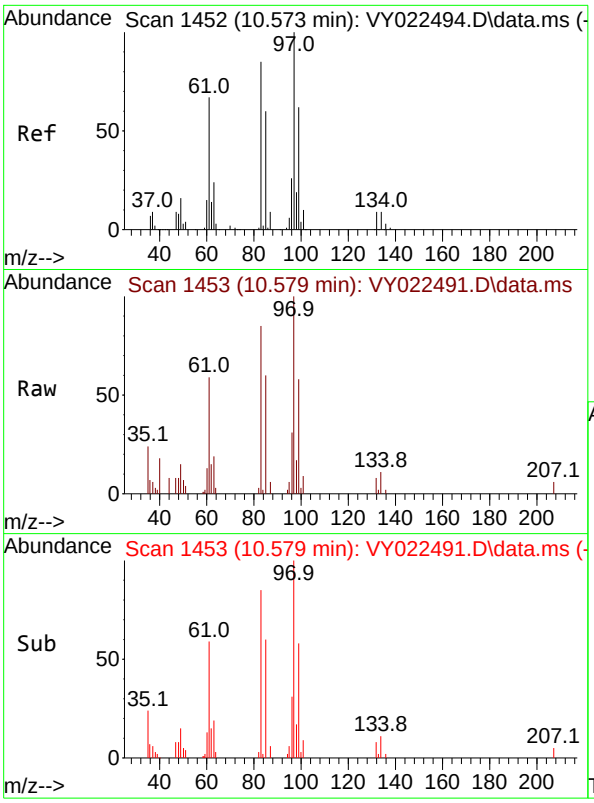


#54
cis-1,3-Dichloropropene
Concen: 4.103 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14966

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	53.0	42.7	64.1

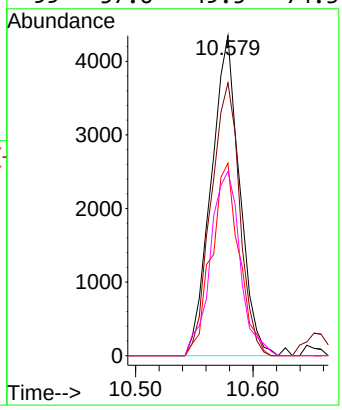




#55
1,1,2-Trichloroethane
Concen: 4.385 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 731

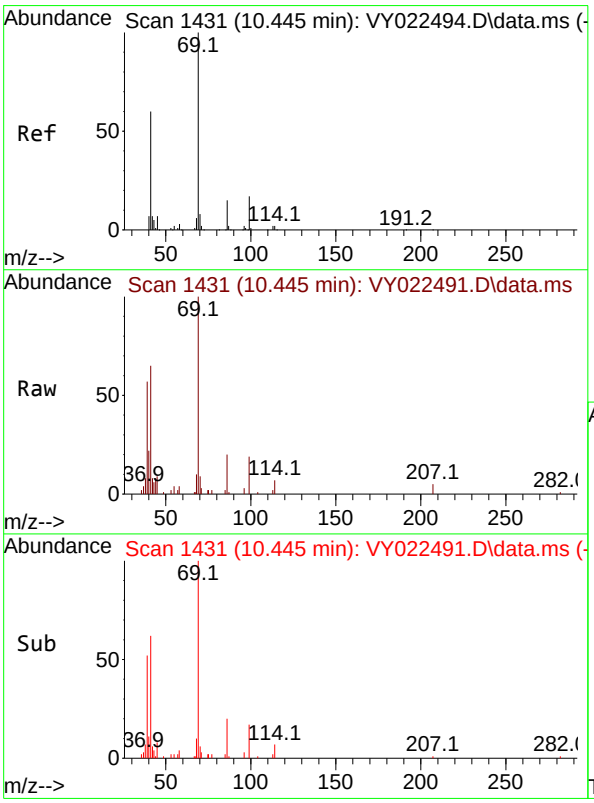
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	60.1	48.2	72.2
99	57.6	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

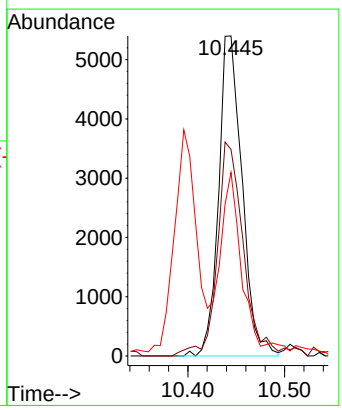
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

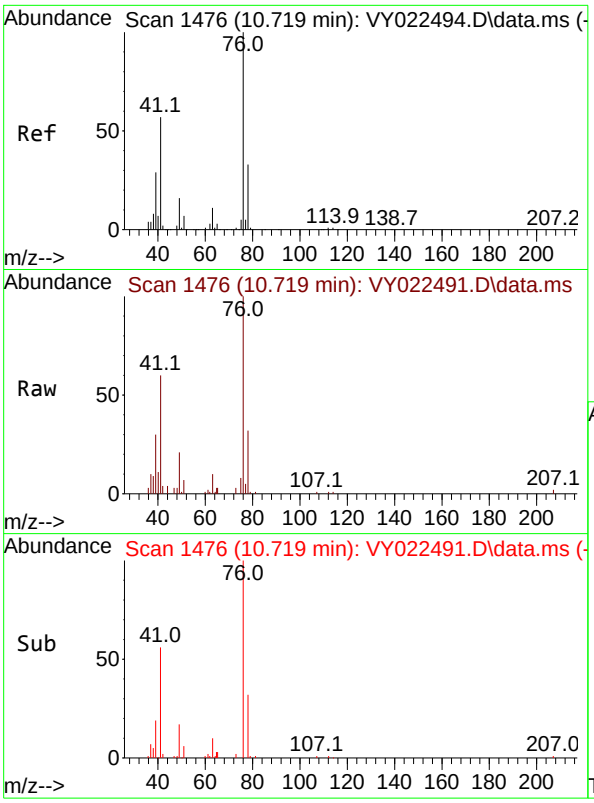


#56
Ethyl methacrylate
Concen: 3.751 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 69 Resp: 9092

Ion	Ratio	Lower	Upper
69	100		
41	73.4	52.2	78.2
39	46.3	36.7	55.1

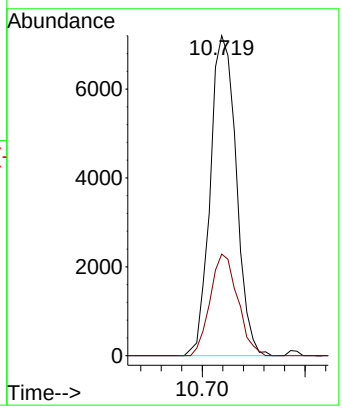




#57
1,3-Dichloropropane
Concen: 4.255 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 76 Resp: 1264

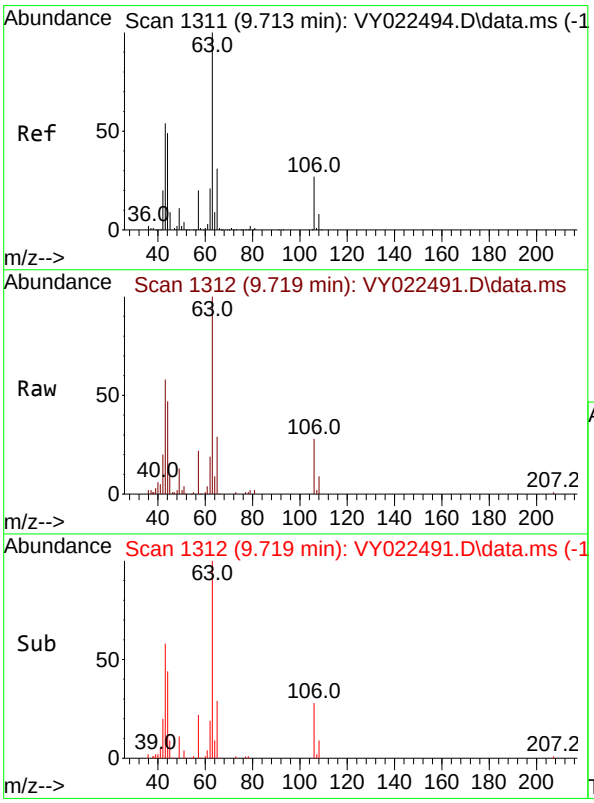
Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

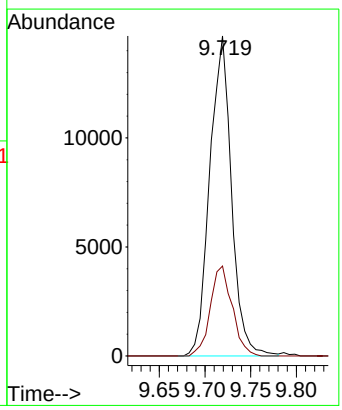
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

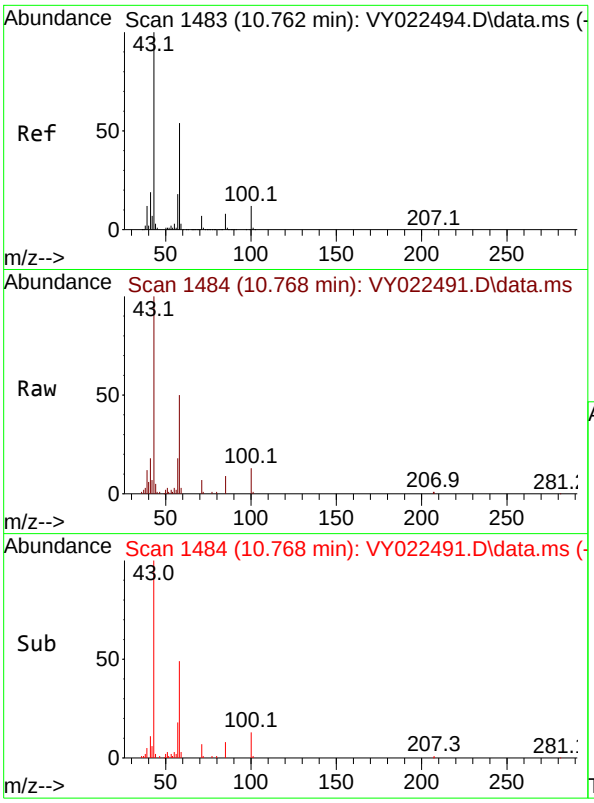


#58
2-Chloroethyl Vinyl ether
Concen: 22.409 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 24214

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.6	32.4





#59
2-Hexanone
Concen: 19.832 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

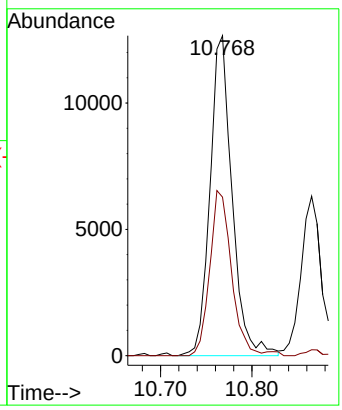
Tgt Ion: 43 Resp: 2124

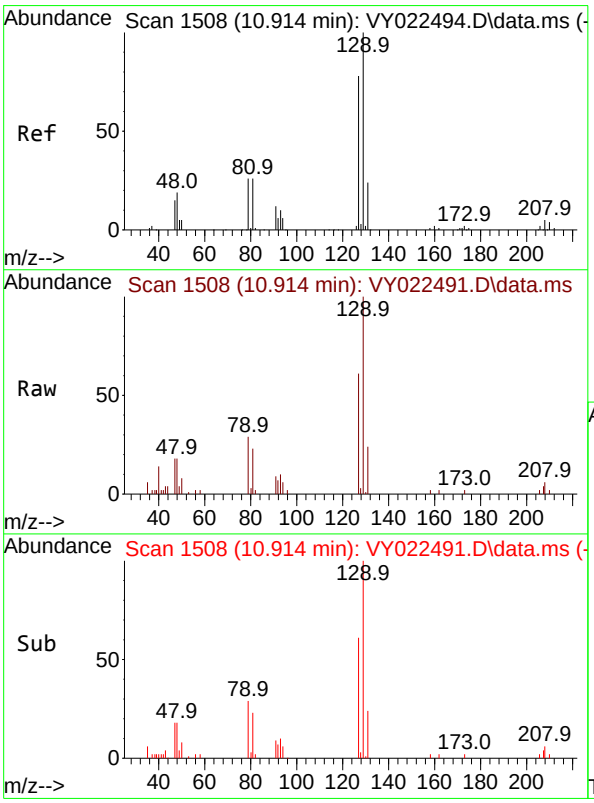
Ion	Ratio	Lower	Upper
43	100		
58	50.4	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

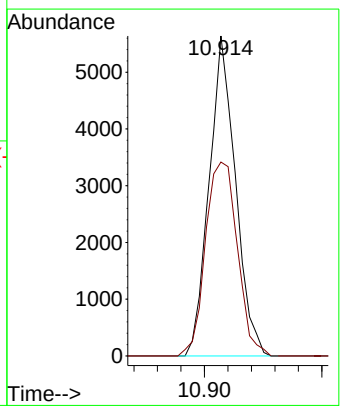


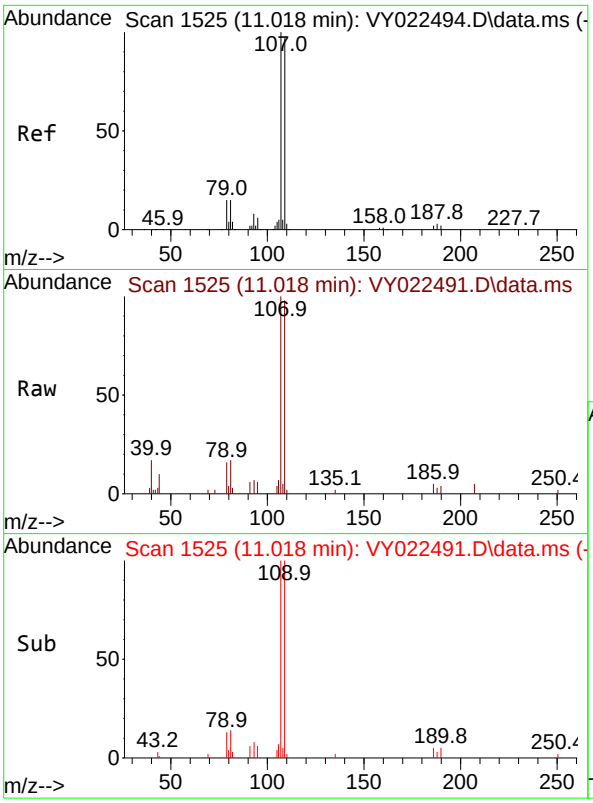


#60
Dibromochloromethane
Concen: 4.152 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:129 Resp: 8781

Ion	Ratio	Lower	Upper
129	100		
127	73.3	39.1	117.2

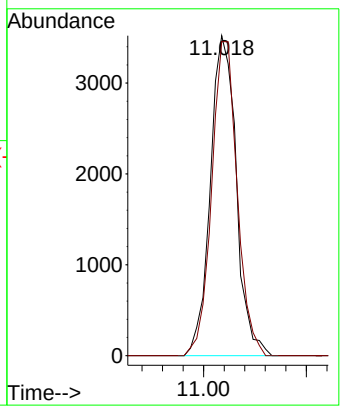




#61
1,2-Dibromoethane
Concen: 3.991 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:107 Resp: 614

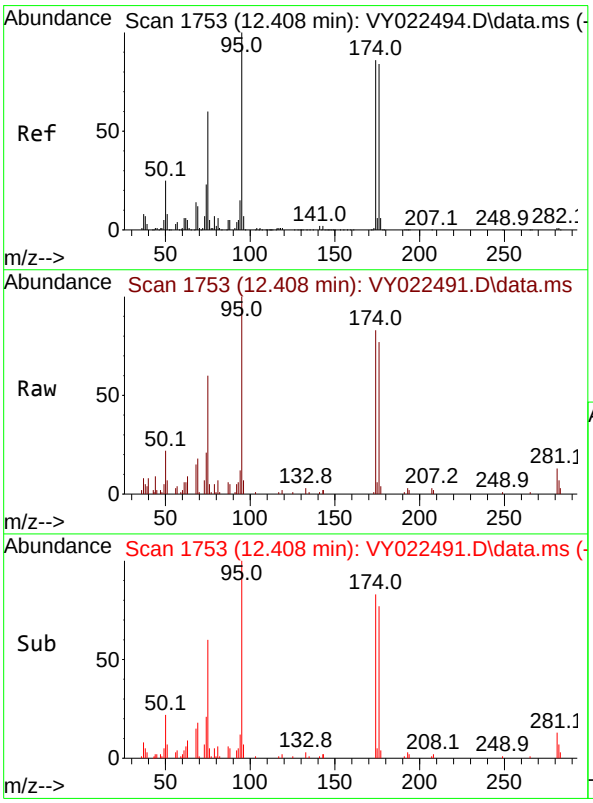
Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

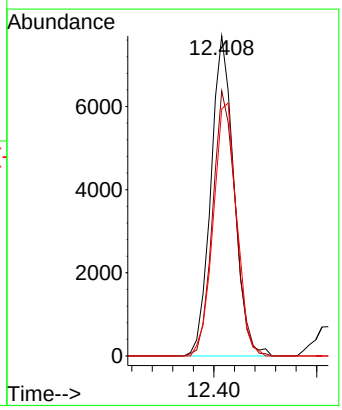
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

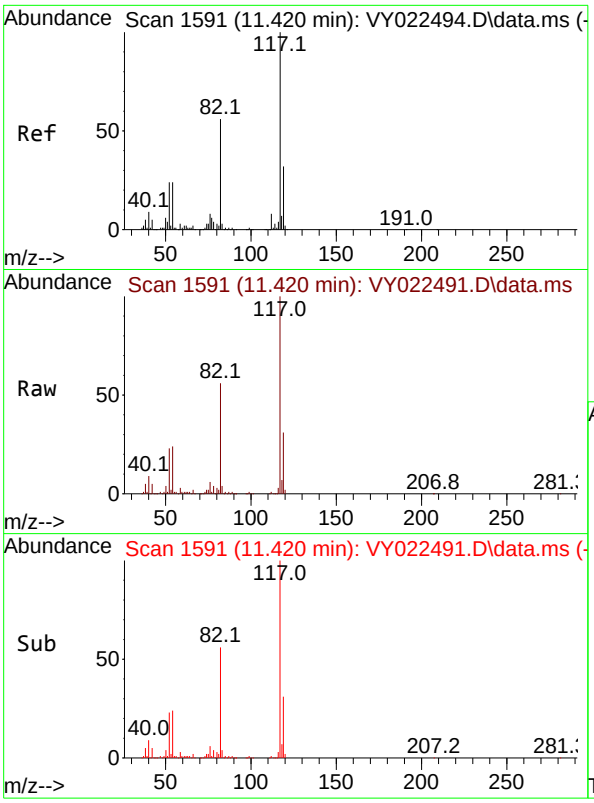


#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 95 Resp: 11988

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	170.0
176	80.2	0.0	166.2

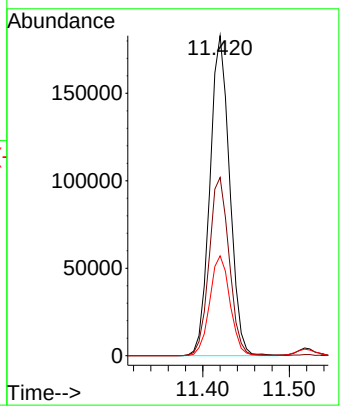




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 28939

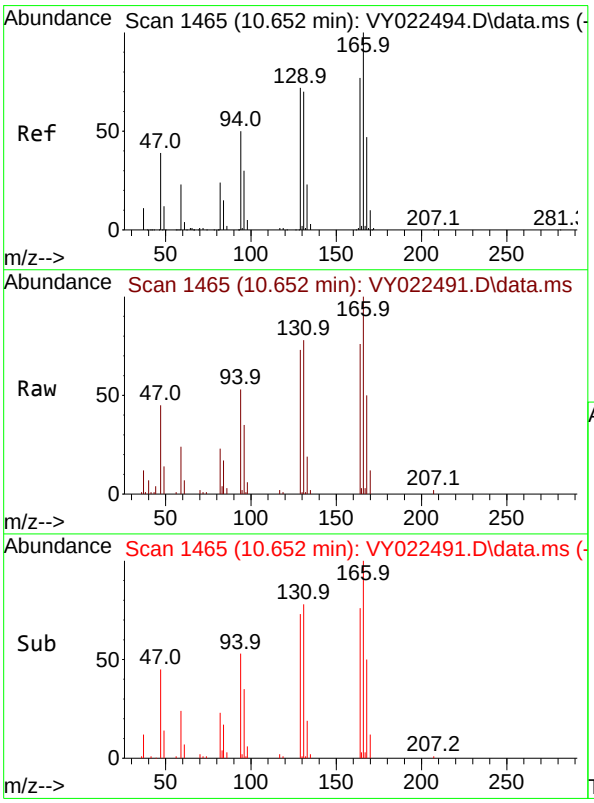
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

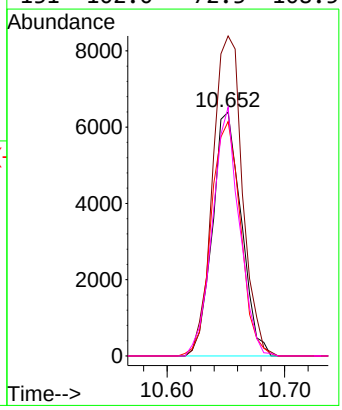
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

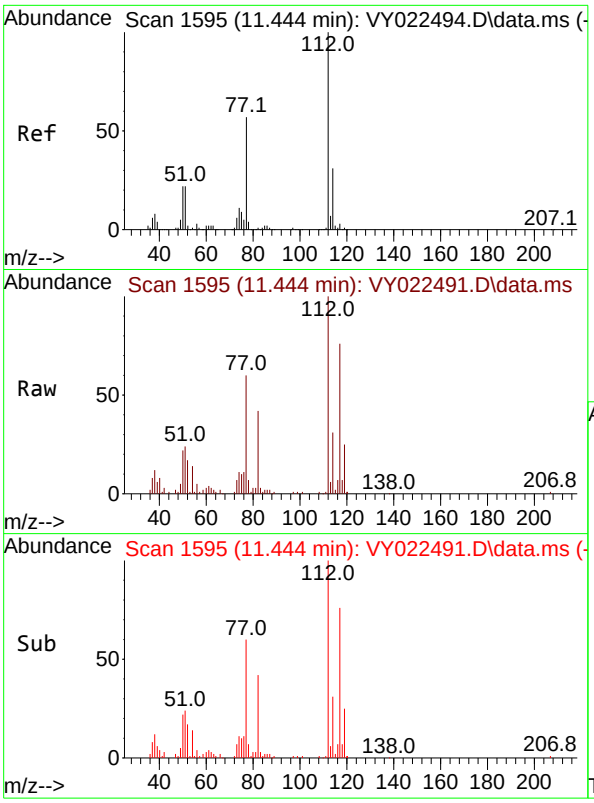


#64
Tetrachloroethene
Concen: 4.417 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:164 Resp: 10863

Ion	Ratio	Lower	Upper
164	100		
166	131.2	104.0	156.0
129	96.1	74.5	111.7
131	102.0	72.3	108.5

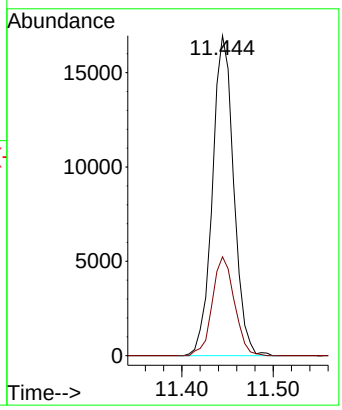




#65
Chlorobenzene
Concen: 4.377 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:112 Resp: 2746

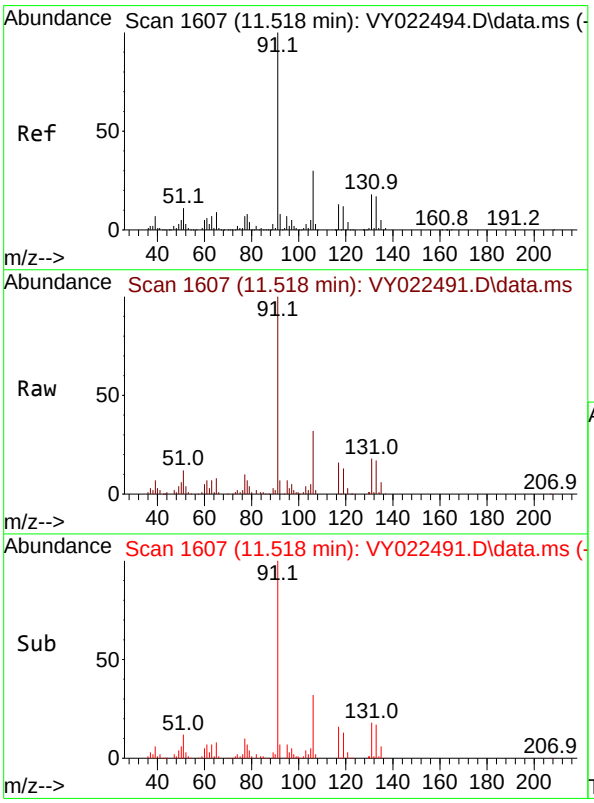
Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

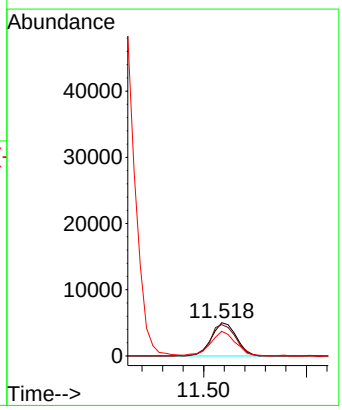
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

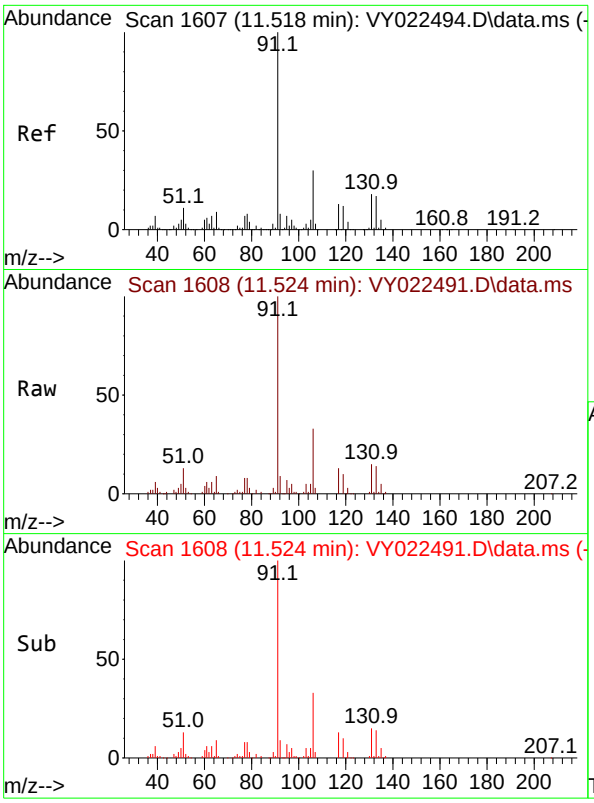


#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:131 Resp: 8422

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.8
119	74.3	33.1	99.3

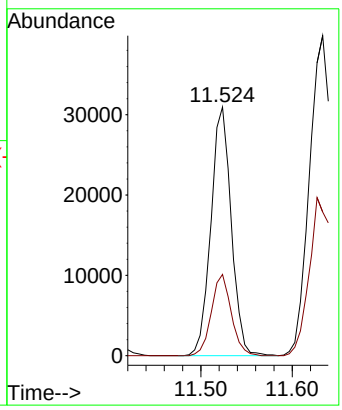




#67
Ethyl Benzene
Concen: 4.098 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 4788

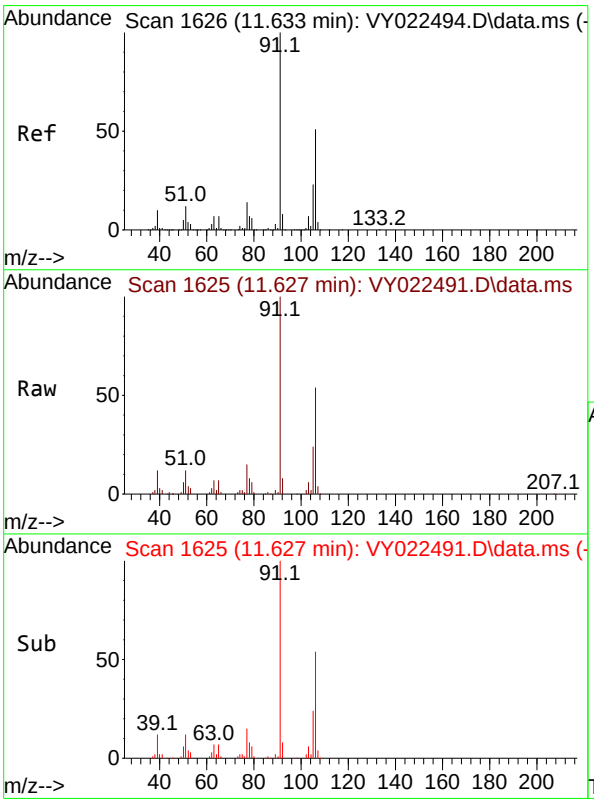
Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

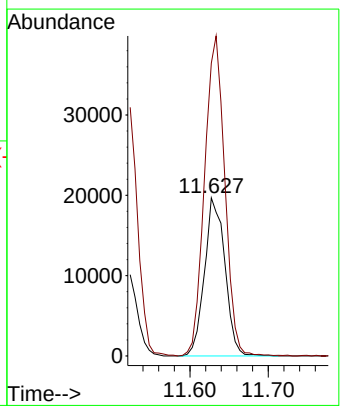
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

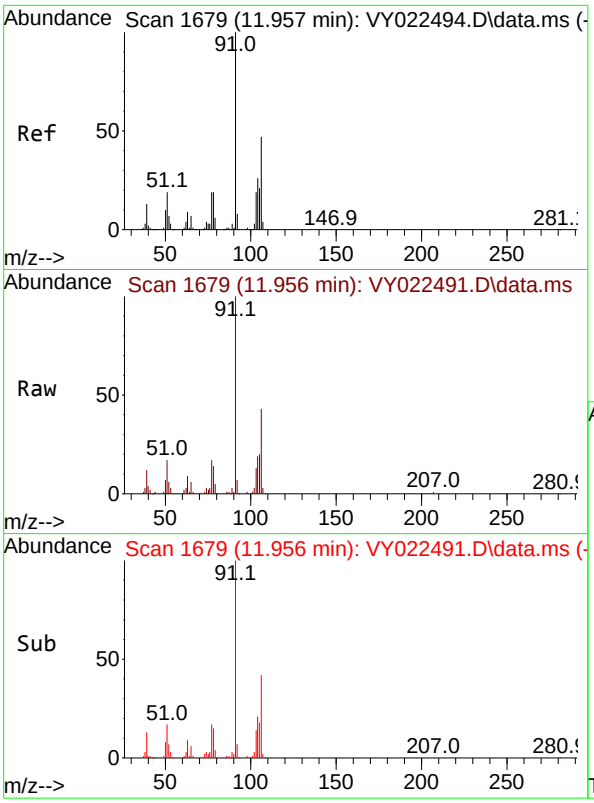


#68
m/p-Xylenes
Concen: 8.060 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:106 Resp: 35645

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0





#69
o-Xylene
Concen: 4.075 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

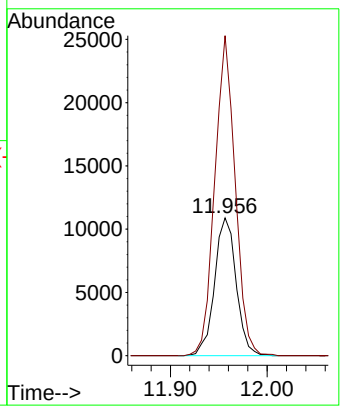
Tgt Ion:106 Resp: 1686

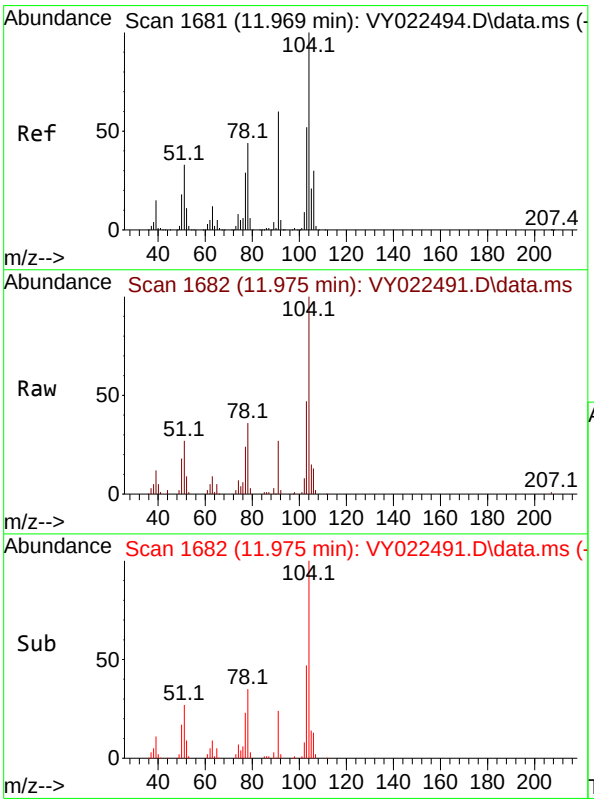
Ion	Ratio	Lower	Upper
106	100		
91	219.4	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

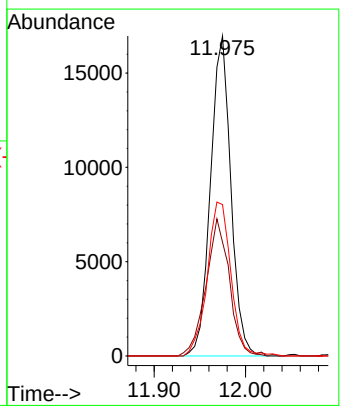


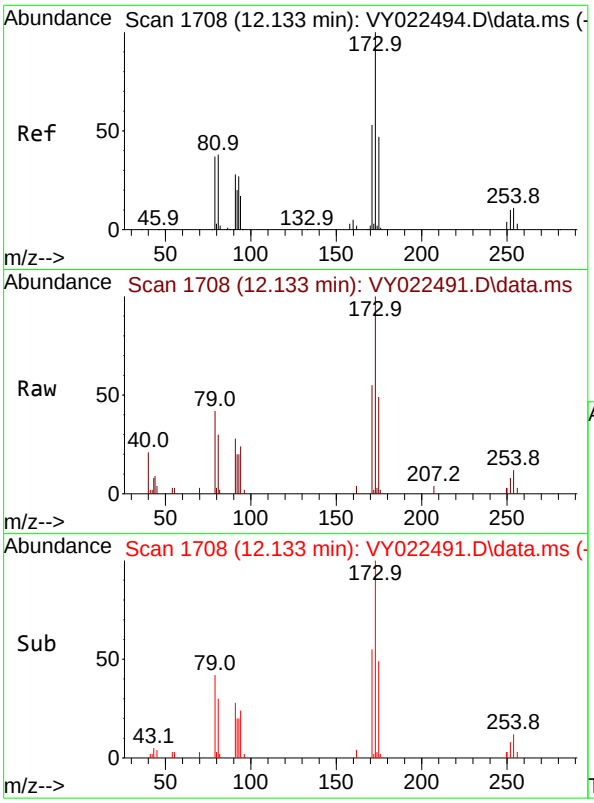


#70
Styrene
Concen: 3.840 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:104 Resp: 26313

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	55.8	44.1	66.1

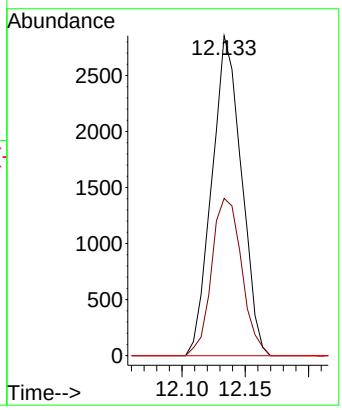




#71
Bromoform
Concen: 4.159 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:173 Resp: 464

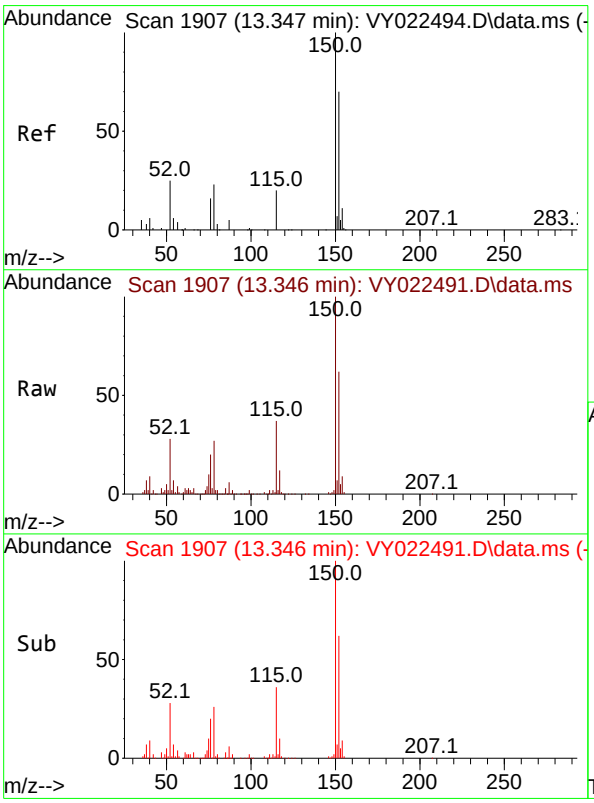
Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

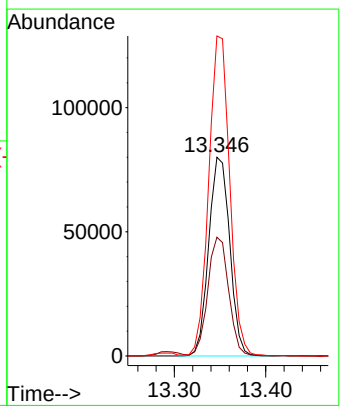
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

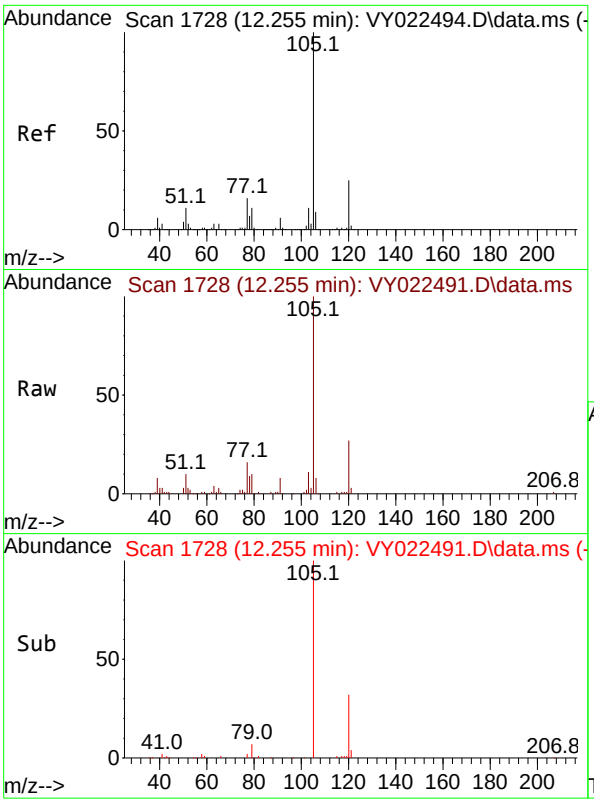


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:152 Resp: 127807

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.7
150	160.5	0.0	349.6

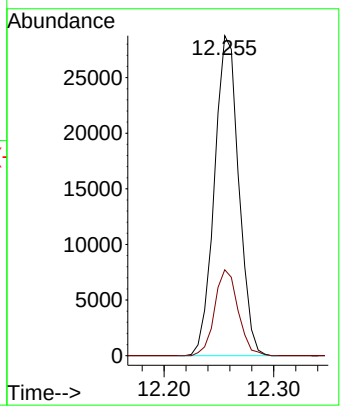




#73
Isopropylbenzene
Concen: 4.307 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 4435

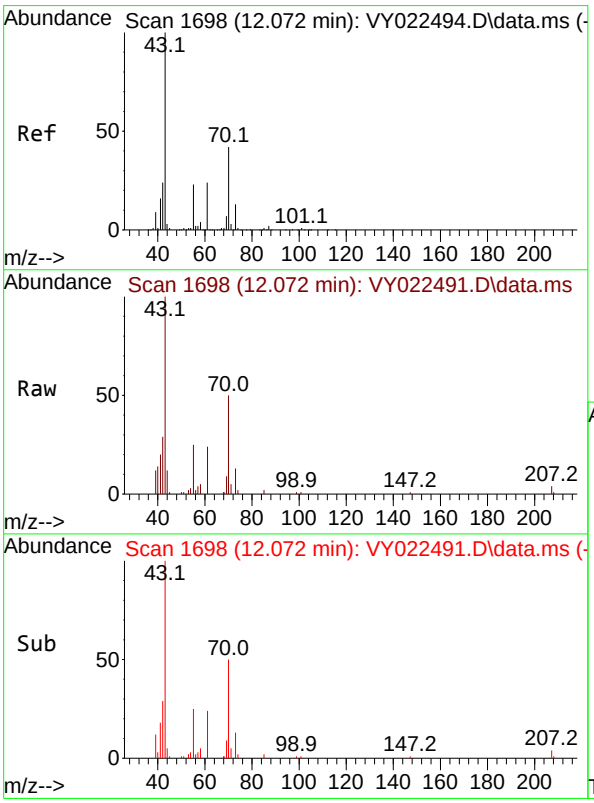
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

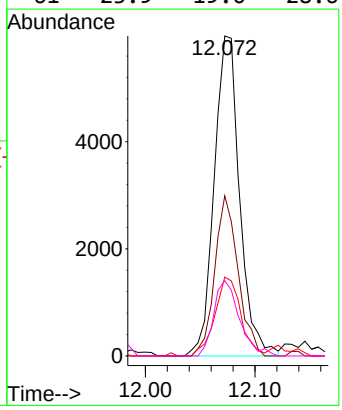
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

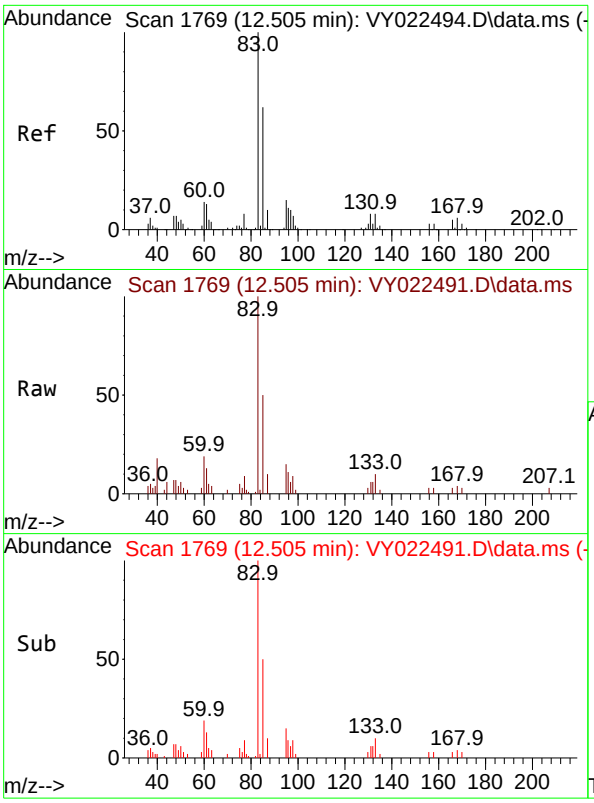


#74
N-amyl acetate
Concen: 3.699 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9632

Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.2	51.2
55	25.1	18.2	27.4
61	23.9	19.0	28.6

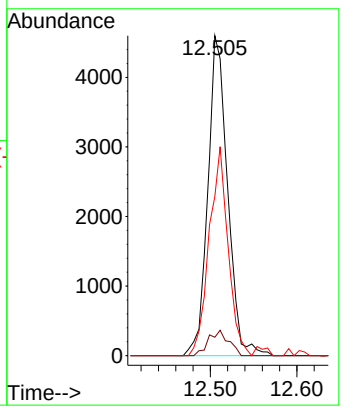




#75
1,1,2,2-Tetrachloroethane
Concen: 4.359 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 728

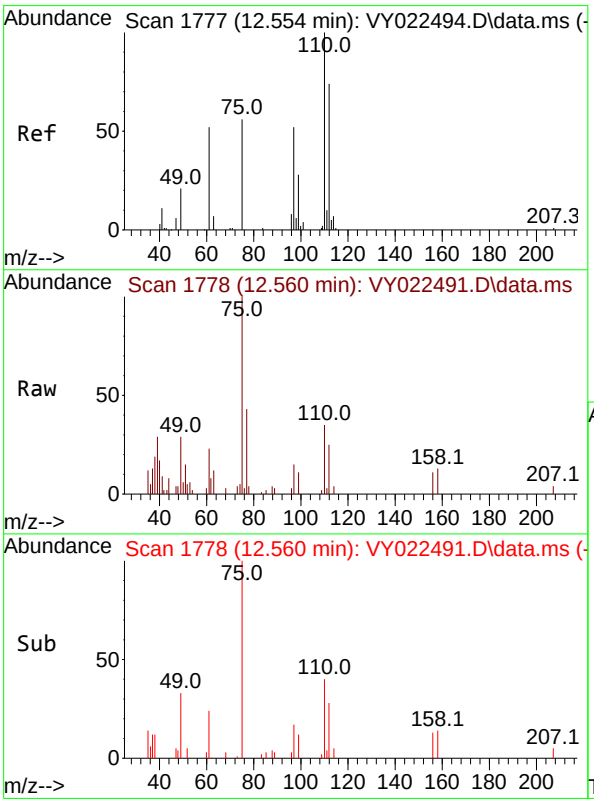
Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.9	14.7
85	62.4	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

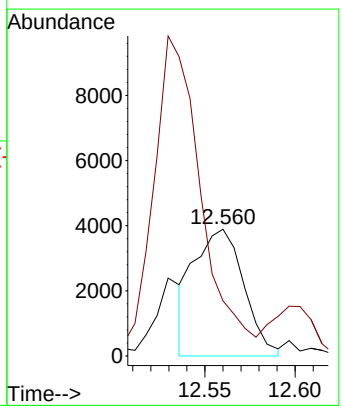
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

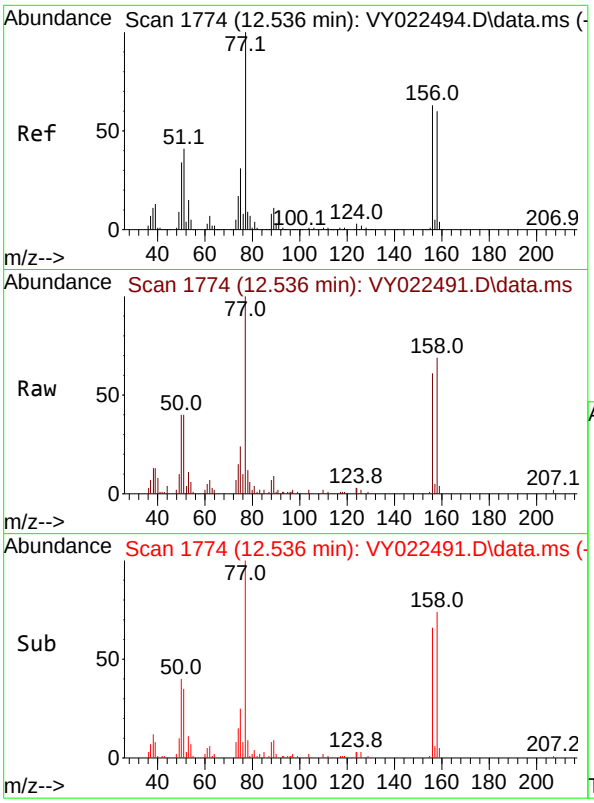


#76
1,2,3-Trichloropropane
Concen: 4.432 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 7478

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

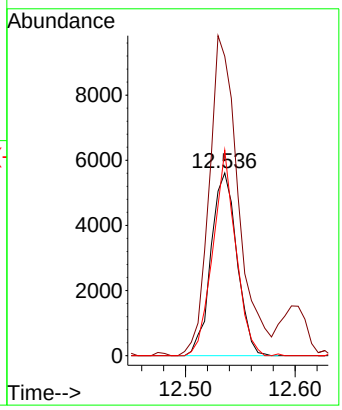




#77
Bromobenzene
Concen: 4.234 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:156 Resp: 924

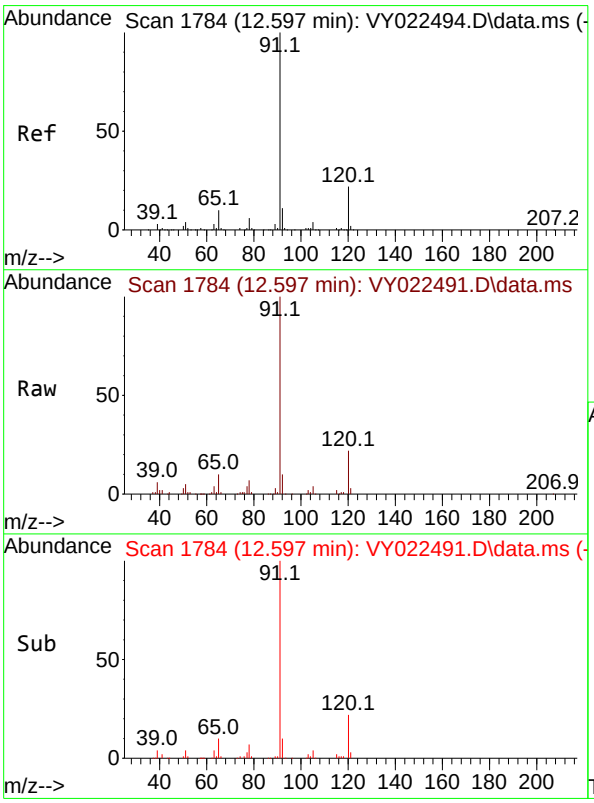
Ion	Ratio	Lower	Upper
156	100		
77	196.5	94.0	282.1
158	98.9	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

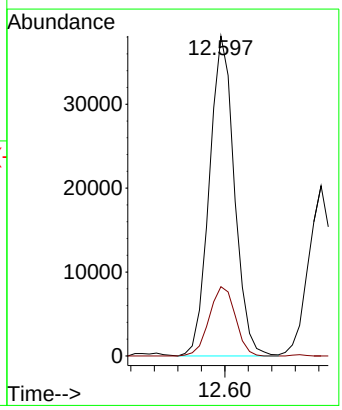
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

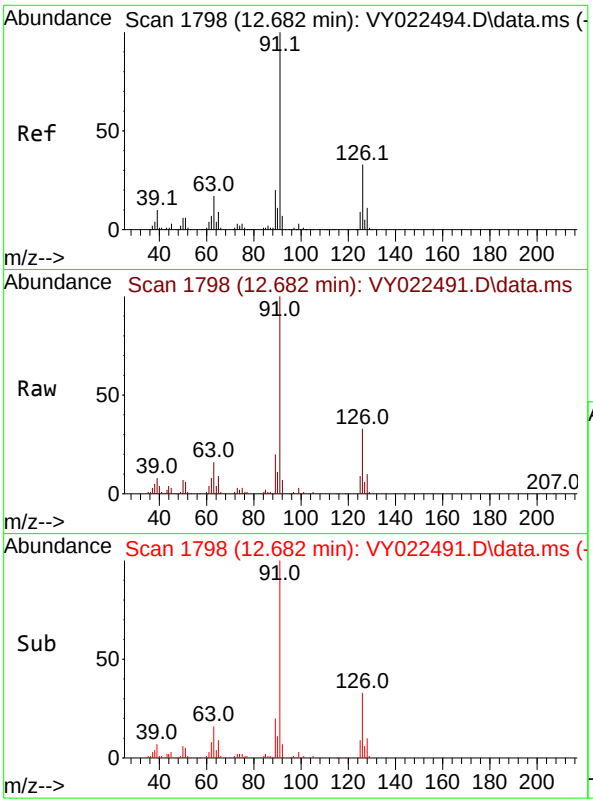


#78
n-propylbenzene
Concen: 4.511 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 56543

Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.8	32.4

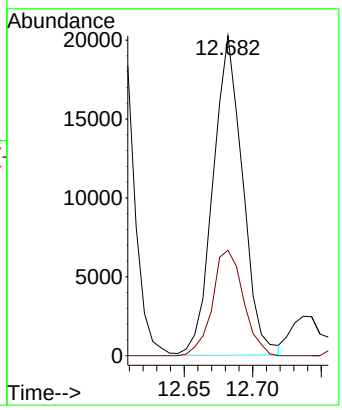




#79
2-Chlorotoluene
Concen: 4.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 3038

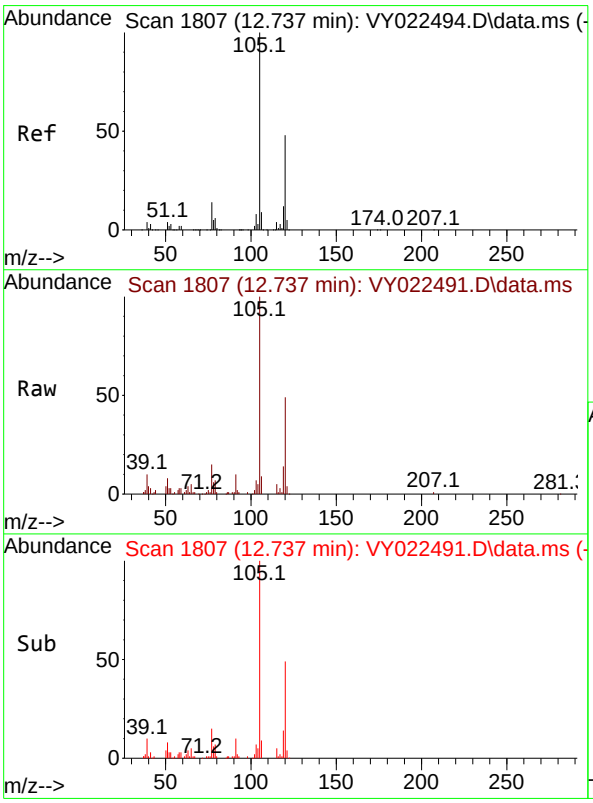
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

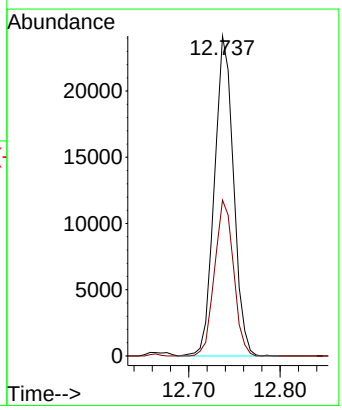
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

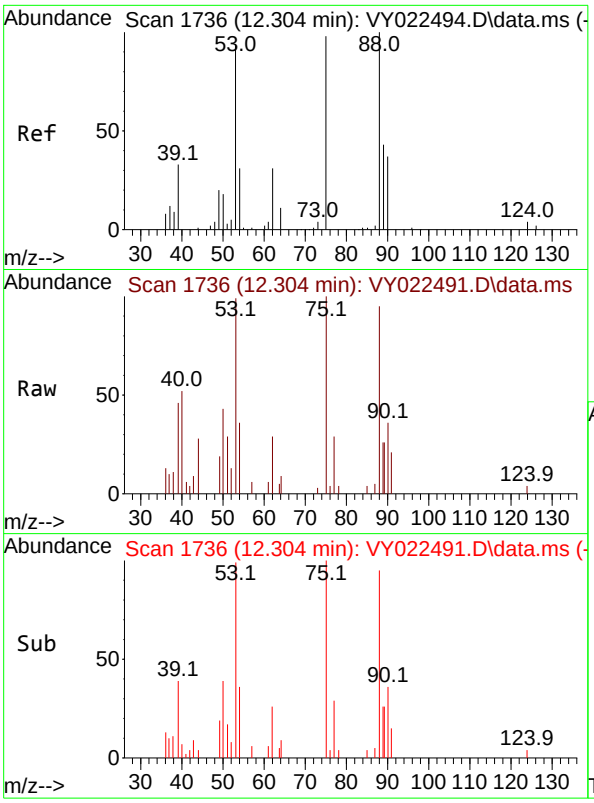


#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 35122

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

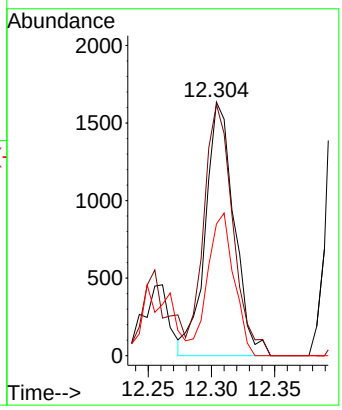




#81
trans-1,4-Dichloro-2-butene
Concen: 4.411 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 259

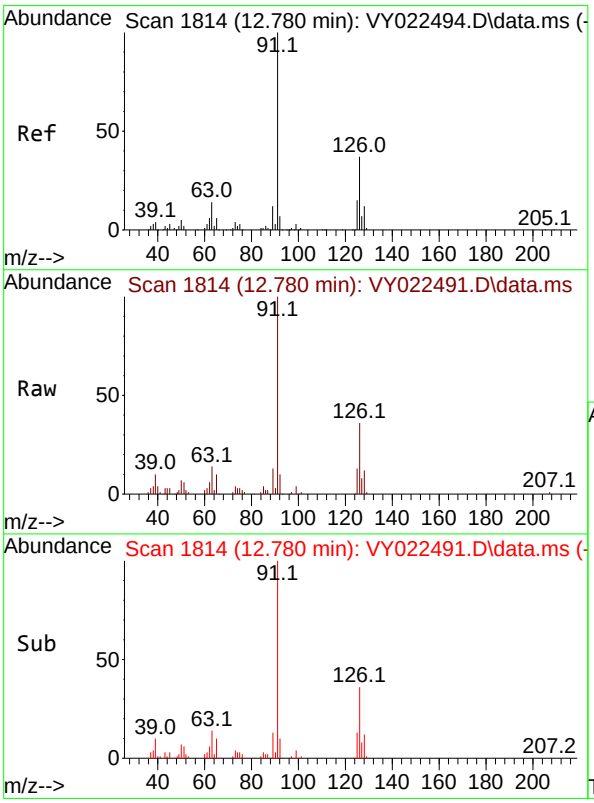
Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.5	117.7
89	51.7	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

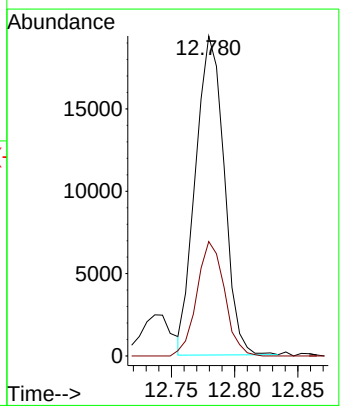
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

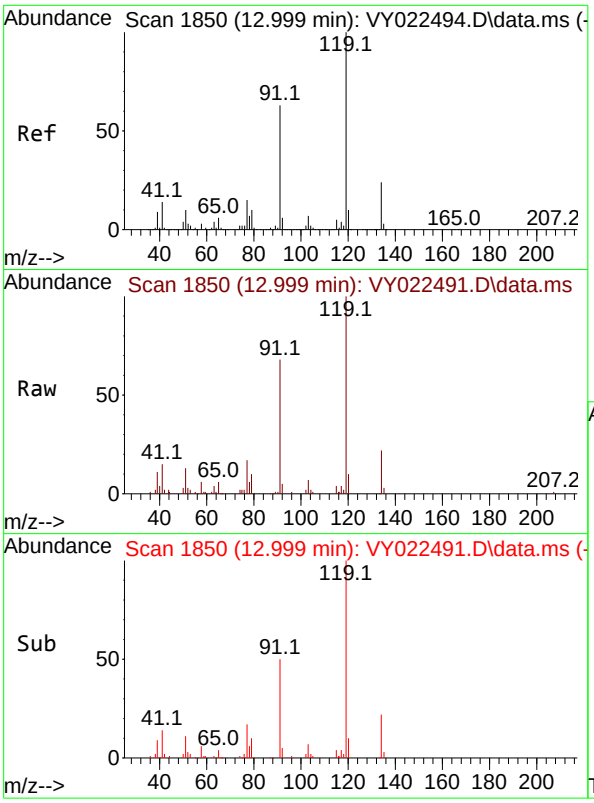


#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 30501

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9

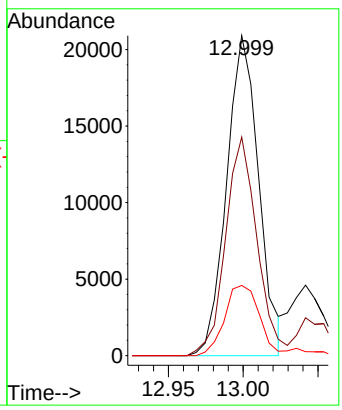




#83
tert-Butylbenzene
Concen: 4.252 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 3123

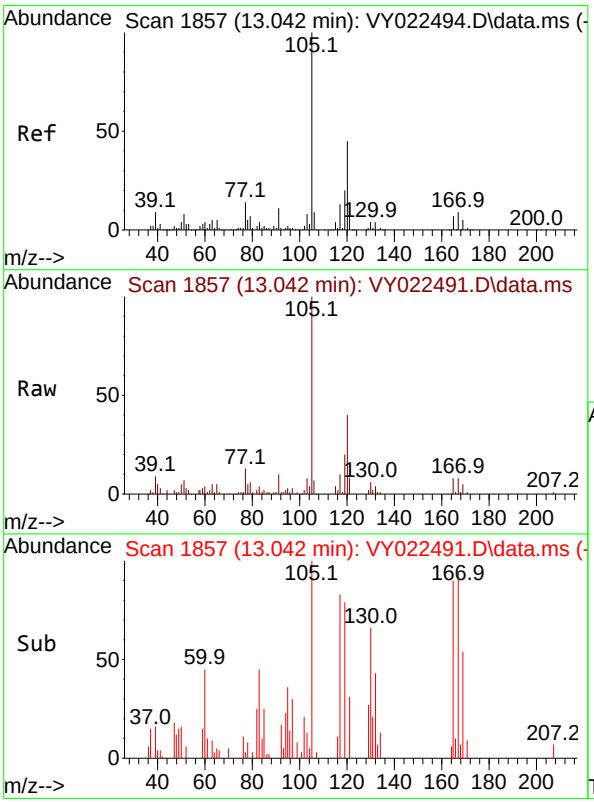
Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.1	96.3
134	23.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

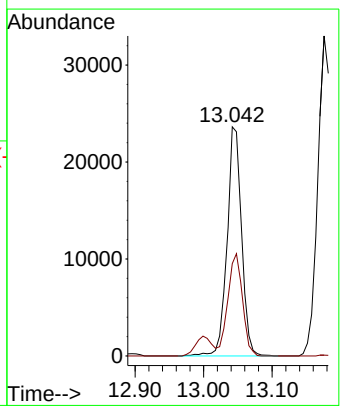
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

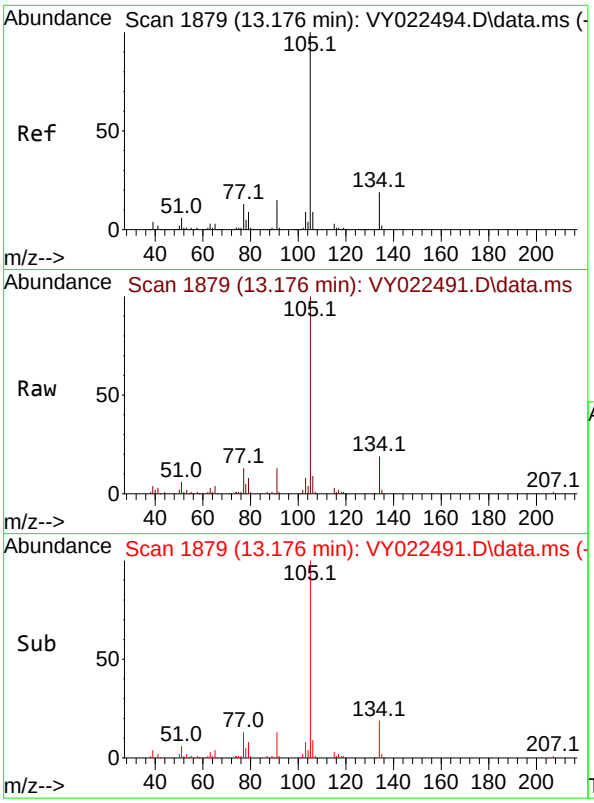


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 34752

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1

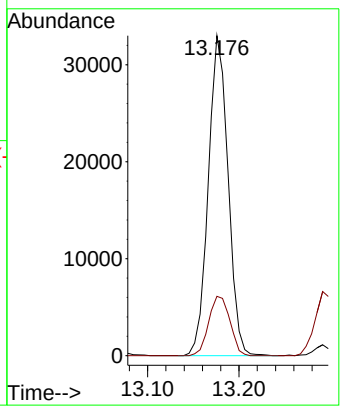




#85
sec-Butylbenzene
Concen: 4.449 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 4954

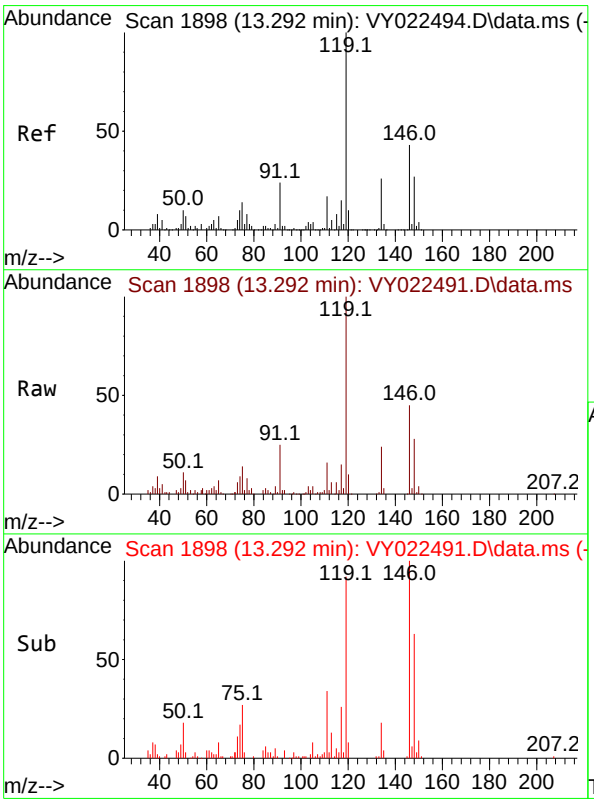
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

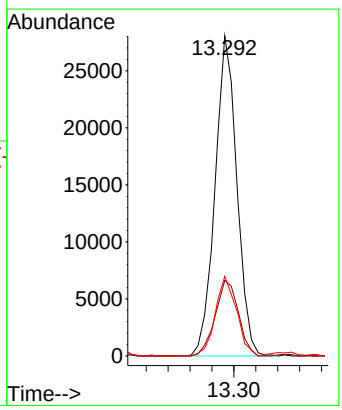
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

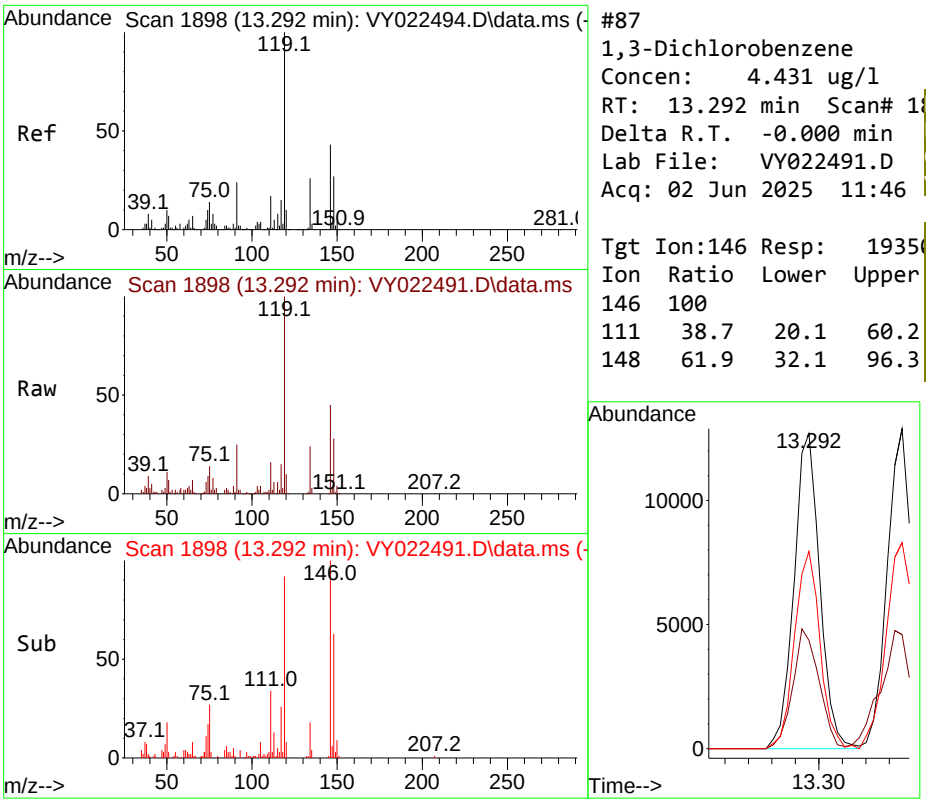


#86
p-Isopropyltoluene
Concen: 4.240 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 38822

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.1	39.1
91	24.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 4.431 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

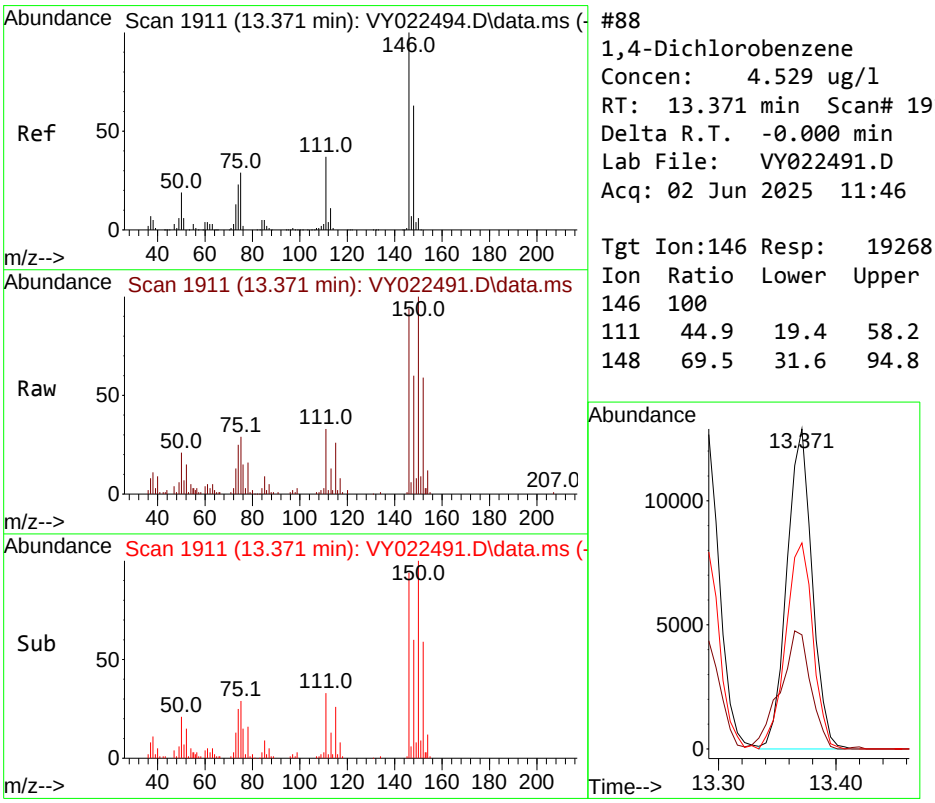
Tgt Ion:146 Resp: 1935

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	61.9	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

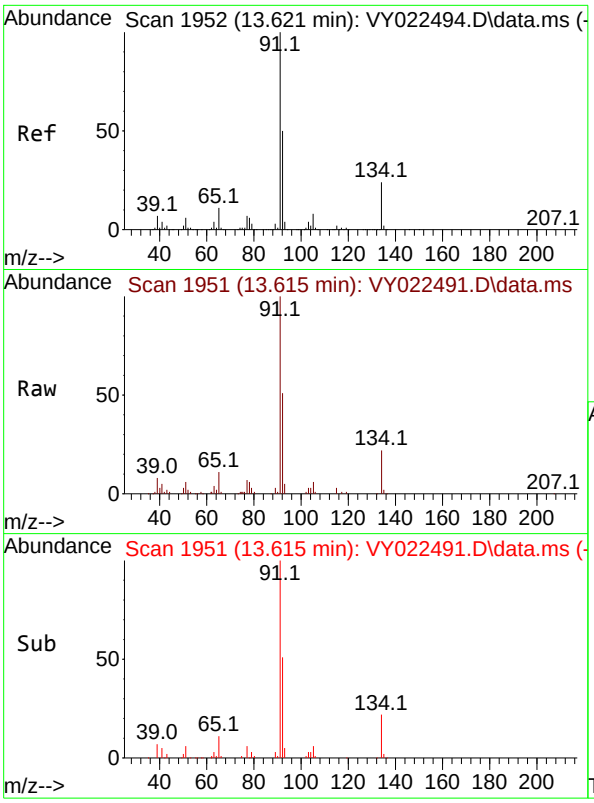
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 4.529 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 19268

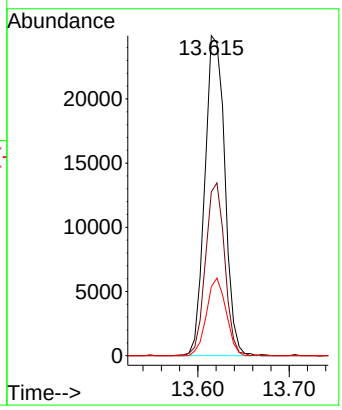
Ion	Ratio	Lower	Upper
146	100		
111	44.9	19.4	58.2
148	69.5	31.6	94.8



#89
n-Butylbenzene
Concen: 4.333 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 3777

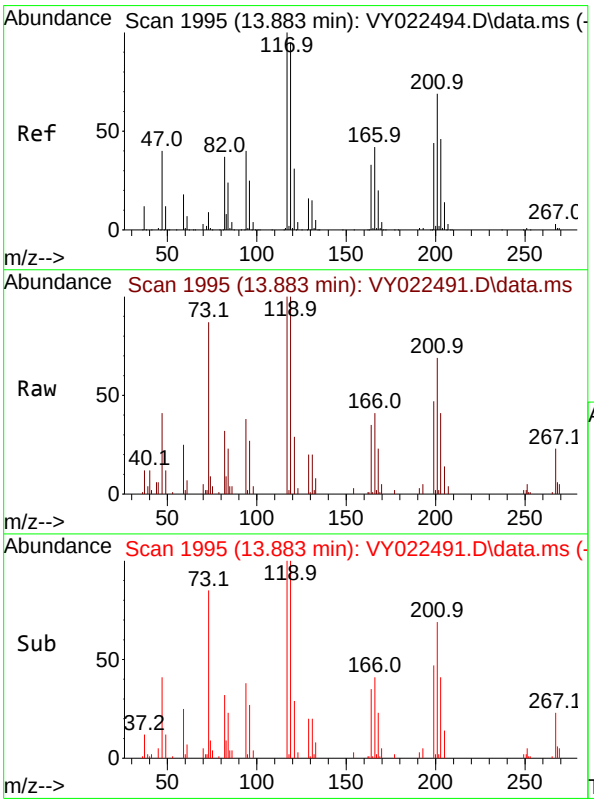
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	23.8	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

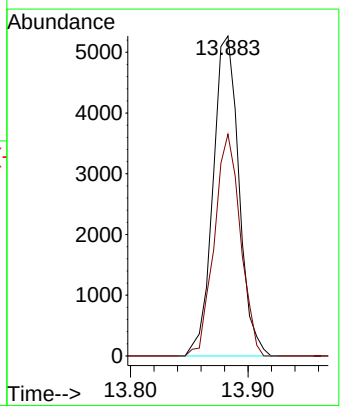
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

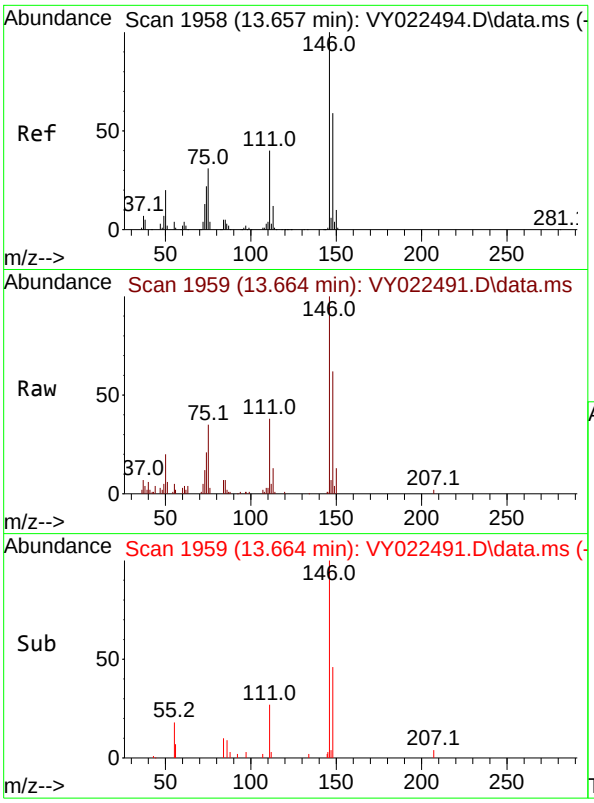


#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 8072

Ion	Ratio	Lower	Upper
117	100		
201	69.9	34.0	102.0

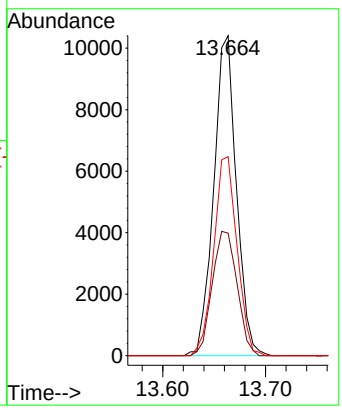




#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 1592

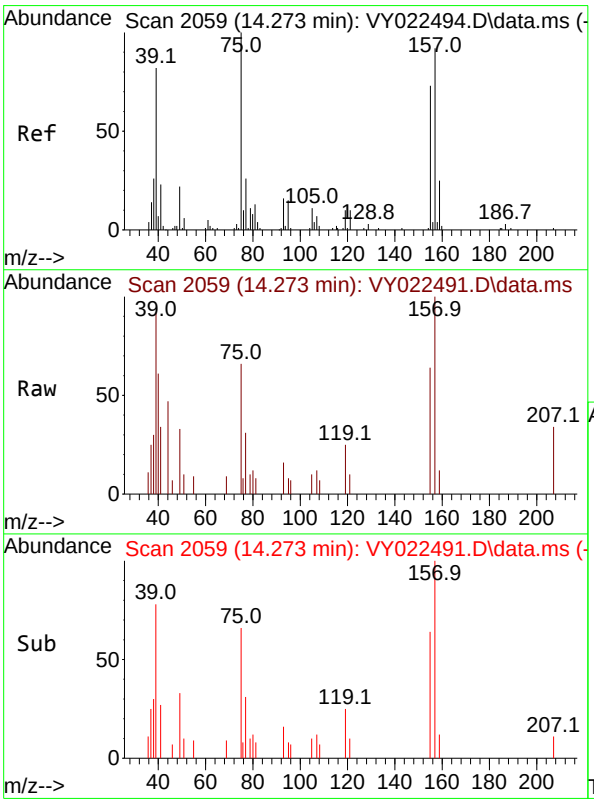
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.6
148	64.0	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

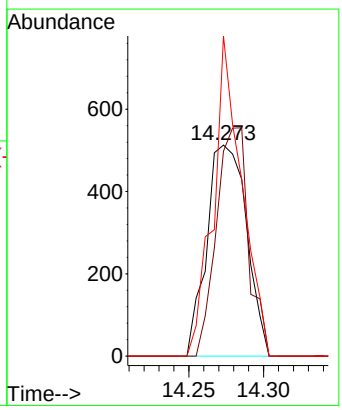
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

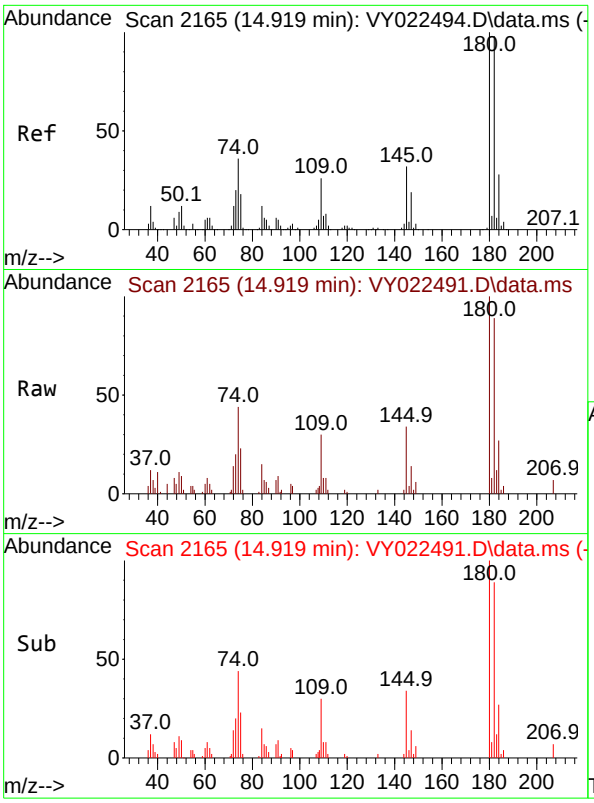


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.754 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 949

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	109.5	54.0	162.0

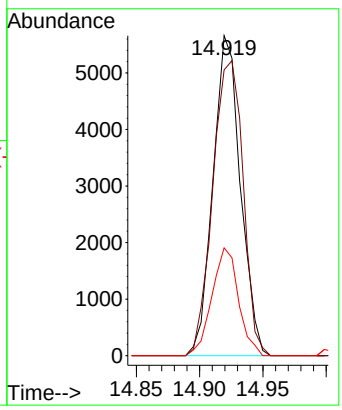




#93
1,2,4-Trichlorobenzene
Concen: 4.159 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 852

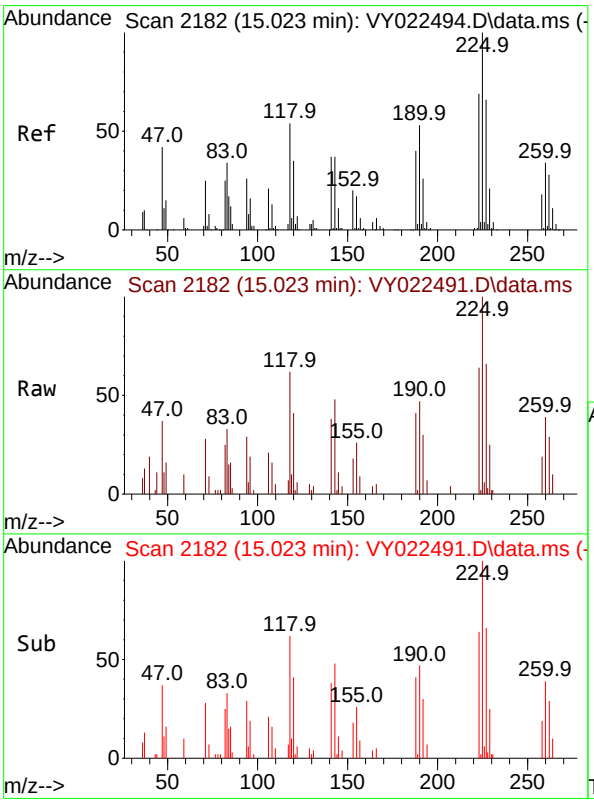
Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.4	145.3
145	32.6	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

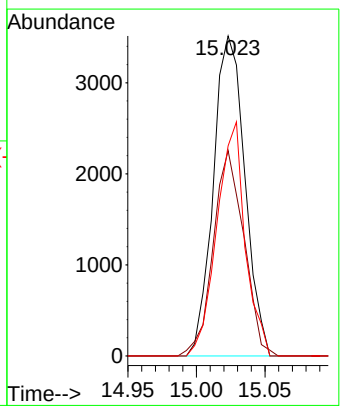
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

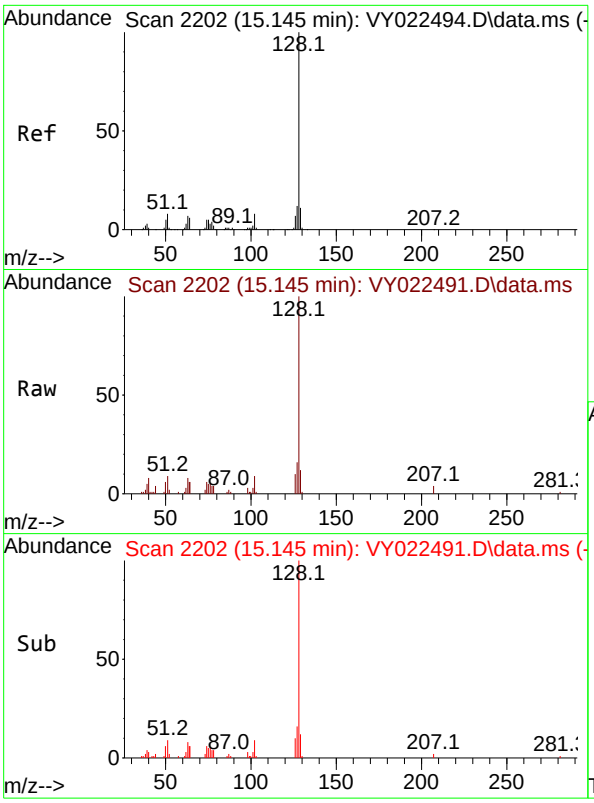


#94
Hexachlorobutadiene
Concen: 5.024 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:225 Resp: 5627

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.4
227	65.6	32.3	96.9

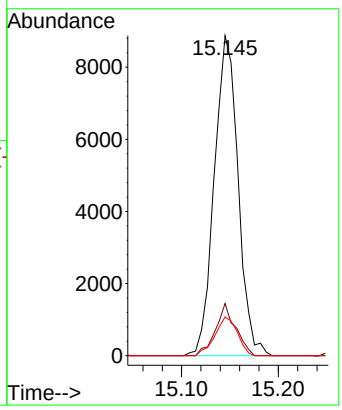




#95
Naphthalene
Concen: 3.859 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:128 Resp: 1516

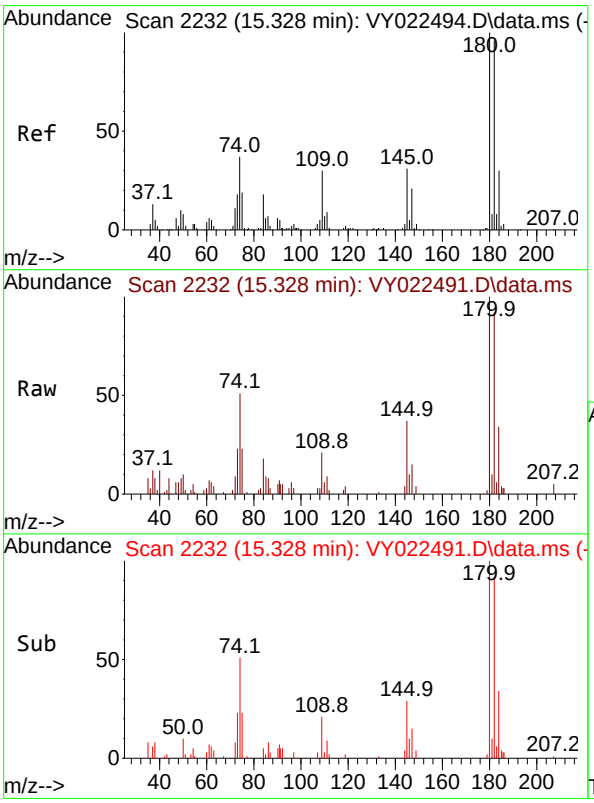
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.4	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

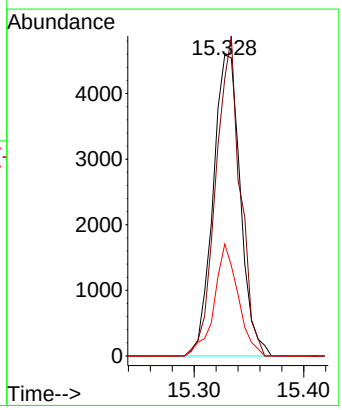
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.563 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 7952

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	32.5	15.2	45.6



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	211235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24246	10.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.100%#		
35) Dibromofluoromethane	7.646	113	20743	9.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.240%#		
50) Toluene-d8	10.109	98	86561	9.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.408	95	24870	9.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.820%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	22911	12.412	ug/l	99
3) Chloromethane	2.068	50	67191	12.339	ug/l	99
4) Vinyl Chloride	2.202	62	76656	12.027	ug/l	97
5) Bromomethane	2.598	94	73289	12.157	ug/l	99
6) Chloroethane	2.739	64	53992	12.374	ug/l	99
7) Trichlorofluoromethane	3.056	101	63044	11.642	ug/l	97
8) Diethyl Ether	3.458	74	14144	11.826	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	25997	11.445	ug/l	99
10) Methyl Iodide	4.007	142	25590	10.505	ug/l	99
11) Tert butyl alcohol	4.891	59	9732	59.275	ug/l #	73
12) 1,1-Dichloroethene	3.799	96	24370	11.240	ug/l	99
13) Acrolein	3.671	56	9650	48.151	ug/l	94
14) Allyl chloride	4.391	41	38482	11.389	ug/l	95
15) Acrylonitrile	5.073	53	29150	57.299	ug/l	99
16) Acetone	3.885	43	25066	55.166	ug/l	98
17) Carbon Disulfide	4.110	76	79008	11.413	ug/l	99
18) Methyl Acetate	4.397	43	17228	12.603	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	68336	11.296	ug/l	95
20) Methylene Chloride	4.622	84	29569	11.655	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	27493	11.350	ug/l	88
22) Diisopropyl ether	6.031	45	83814	11.156	ug/l	96
23) Vinyl Acetate	5.970	43	241364	54.152	ug/l	99
24) 1,1-Dichloroethane	5.927	63	50391	11.346	ug/l	96
25) 2-Butanone	6.909	43	36756	54.840	ug/l	95
26) 2,2-Dichloropropane	6.890	77	43605	11.045	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	30873	11.028	ug/l	99
28) Bromochloromethane	7.256	49	20132	10.491	ug/l	99
29) Tetrahydrofuran	7.274	42	25001	57.822	ug/l	97
30) Chloroform	7.427	83	49990	11.391	ug/l	89
31) Cyclohexane	7.707	56	51050	11.422	ug/l #	95
32) 1,1,1-Trichloroethane	7.628	97	43454	11.080	ug/l	97
36) 1,1-Dichloropropene	7.841	75	37532	10.765	ug/l	99
37) Ethyl Acetate	6.994	43	15914	10.371	ug/l #	93
38) Carbon Tetrachloride	7.829	117	37794	10.515	ug/l	100
39) Methylcyclohexane	9.115	83	49413	10.491	ug/l	97
40) Benzene	8.085	78	108934	10.600	ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	9043m	9.151	ug/l		
42) 1,2-Dichloroethane	8.164	62	31102	11.125	ug/l		99
43) Isopropyl Acetate	8.201	43	36411	10.859	ug/l		97
44) Trichloroethene	8.865	130	28431	11.325	ug/l		91
45) 1,2-Dichloropropane	9.146	63	26665	10.884	ug/l		97
46) Dibromomethane	9.237	93	14601m	10.637	ug/l		
47) Bromodichloromethane	9.426	83	38475	11.048	ug/l		96
48) Methyl methacrylate	9.225	41	16122	10.501	ug/l		98
49) 1,4-Dioxane	9.243	88	3535	215.881	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	88634	53.259	ug/l		100
52) Toluene	10.176	92	68265	10.565	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	34307	10.649	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	40229	10.649	ug/l		98
55) 1,1,2-Trichloroethane	10.579	97	18848	10.904	ug/l		94
56) Ethyl methacrylate	10.444	69	26171	10.426	ug/l		97
57) 1,3-Dichloropropane	10.719	76	33836	10.991	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	52396	46.819	ug/l		99
59) 2-Hexanone	10.761	43	57738	52.045	ug/l		100
60) Dibromochloromethane	10.914	129	23423	10.694	ug/l		99
61) 1,2-Dibromoethane	11.018	107	17302	10.847	ug/l		96
64) Tetrachloroethene	10.652	164	28680	11.144	ug/l		97
65) Chlorobenzene	11.444	112	70845	10.789	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	23209	10.427	ug/l		96
67) Ethyl Benzene	11.524	91	126556	10.350	ug/l		100
68) m/p-Xylenes	11.633	106	94535	20.427	ug/l		99
69) o-Xylene	11.956	106	45374	10.476	ug/l		99
70) Styrene	11.975	104	72373	10.092	ug/l		98
71) Bromoform	12.133	173	12637	10.804	ug/l	#	99
73) Isopropylbenzene	12.255	105	118344	10.695	ug/l		99
74) N-amyl acetate	12.072	43	29609	10.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	20264	11.276	ug/l		96
76) 1,2,3-Trichloropropane	12.560	75	16751m	9.239	ug/l		
77) Bromobenzene	12.536	156	25392	10.827	ug/l		98
78) n-propylbenzene	12.597	91	143414	10.648	ug/l		100
79) 2-Chlorotoluene	12.682	91	75325	10.591	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	91121	10.532	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	7009	11.084	ug/l		96
82) 4-Chlorotoluene	12.779	91	78689	10.676	ug/l		100
83) tert-Butylbenzene	12.999	119	81823	10.367	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	90848	10.495	ug/l		98
85) sec-Butylbenzene	13.176	105	127776	10.678	ug/l		100
86) p-Isopropyltoluene	13.291	119	99940	10.158	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	48971	10.437	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	49834	10.900	ug/l		98
89) n-Butylbenzene	13.621	91	97544	10.413	ug/l		99
90) Hexachloroethane	13.877	117	20466	10.631	ug/l		96
91) 1,2-Dichlorobenzene	13.663	146	43460	10.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3014	11.095	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	23710	10.760	ug/l		98
94) Hexachlorobutadiene	15.023	225	13179	10.951	ug/l		99
95) Naphthalene	15.145	128	44061	10.434	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	19814	10.581	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

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

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

Quantitation Report (QT Reviewed)

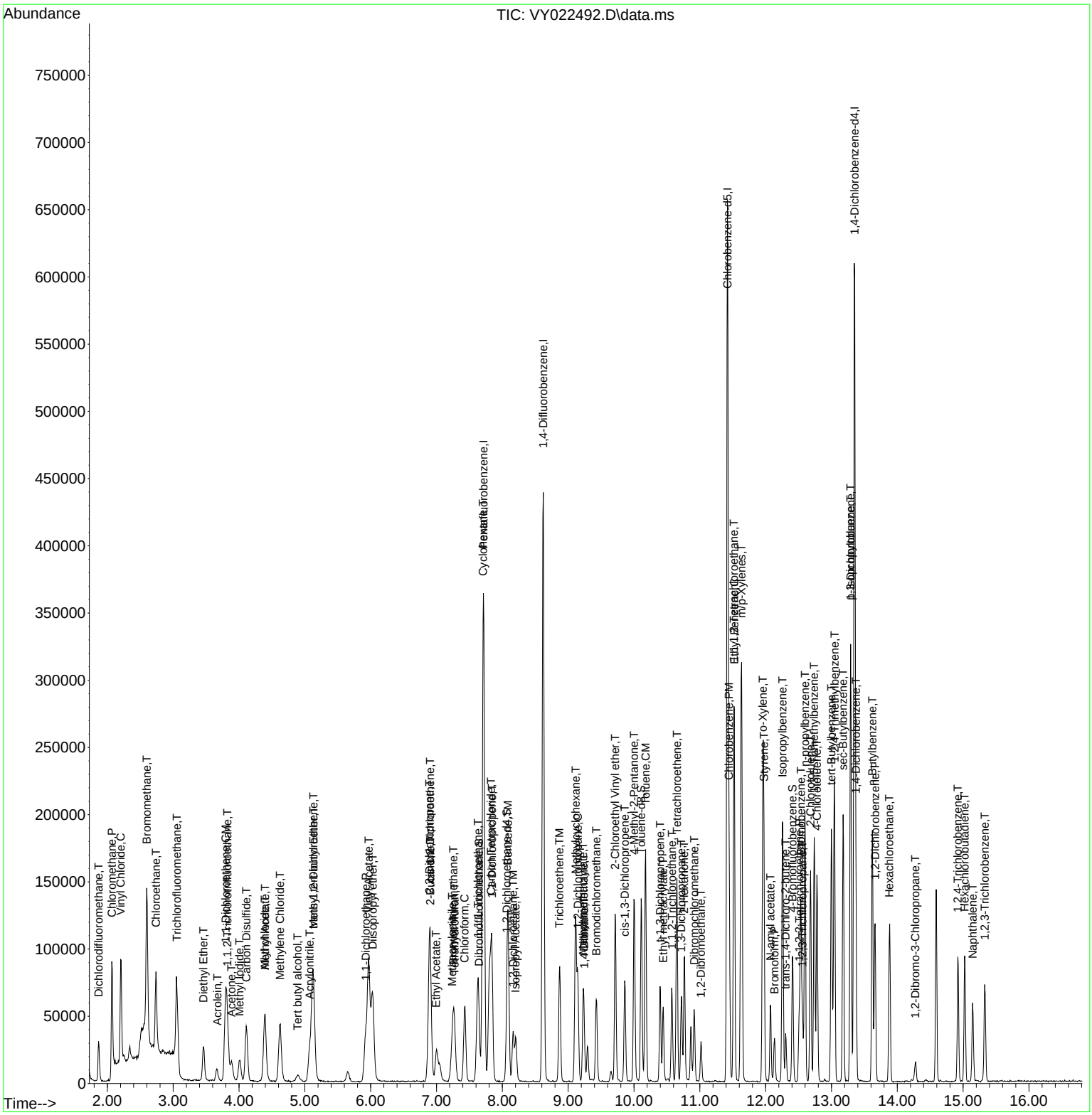
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

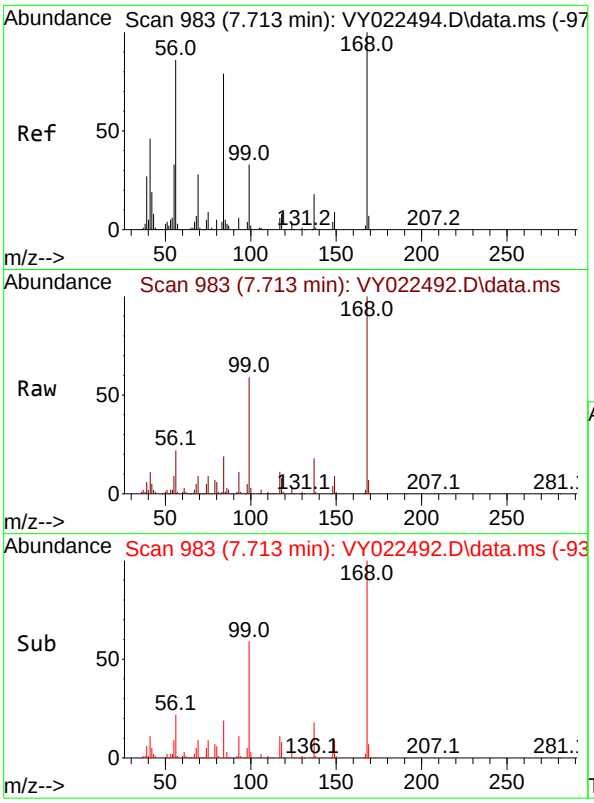
Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

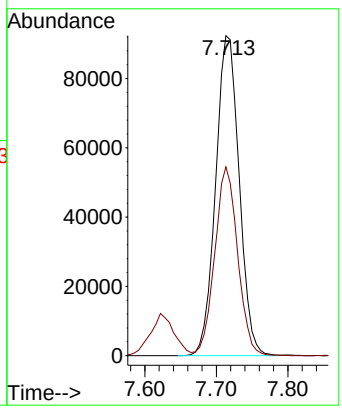
Tgt Ion:168 Resp: 21123

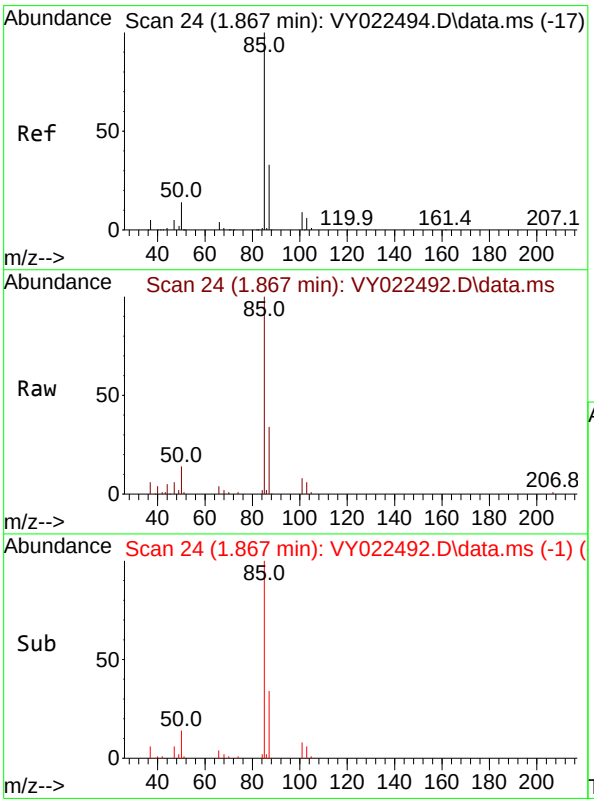
Ion	Ratio	Lower	Upper
168	100		
99	58.9	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

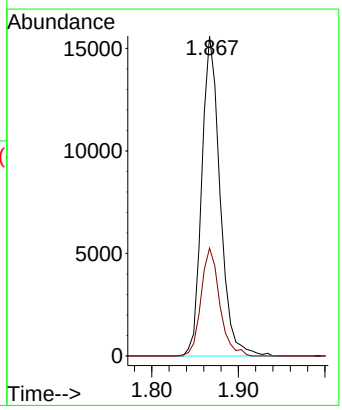


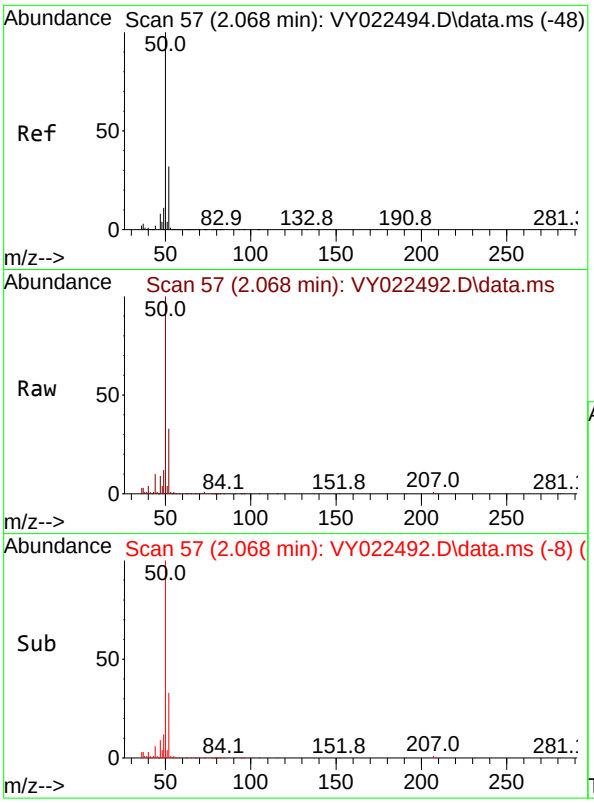


#2
Dichlorodifluoromethane
Concen: 12.412 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 85 Resp: 22911

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0

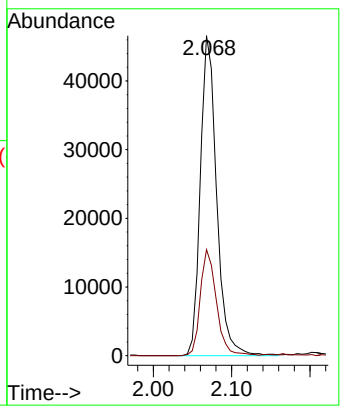




#3
Chloromethane
Concen: 12.339 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 50 Resp: 6719

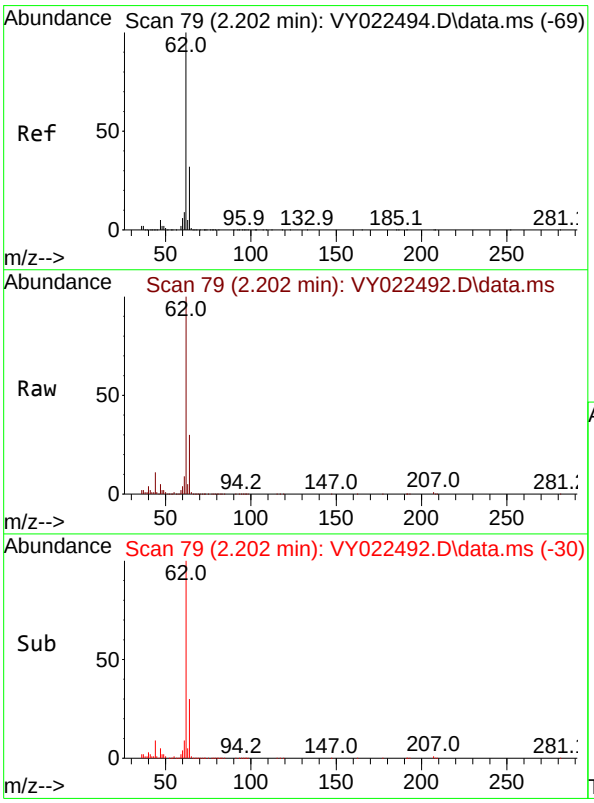
Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

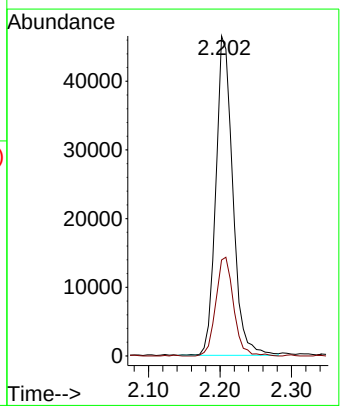
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

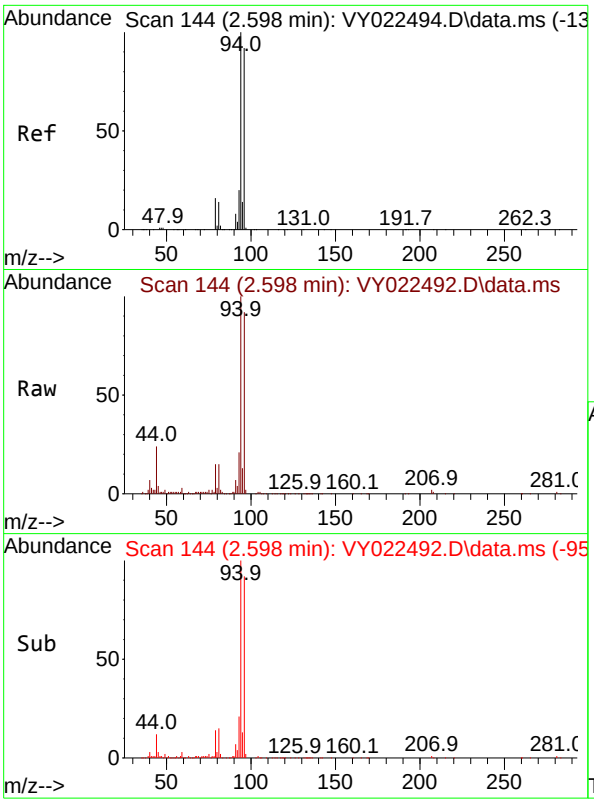


#4
Vinyl Chloride
Concen: 12.027 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 76656

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.3	37.9





#5
Bromomethane
Concen: 12.157 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

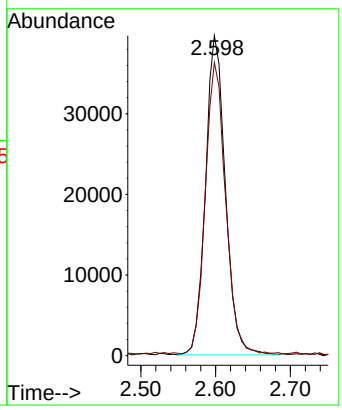
Tgt Ion: 94 Resp: 7328

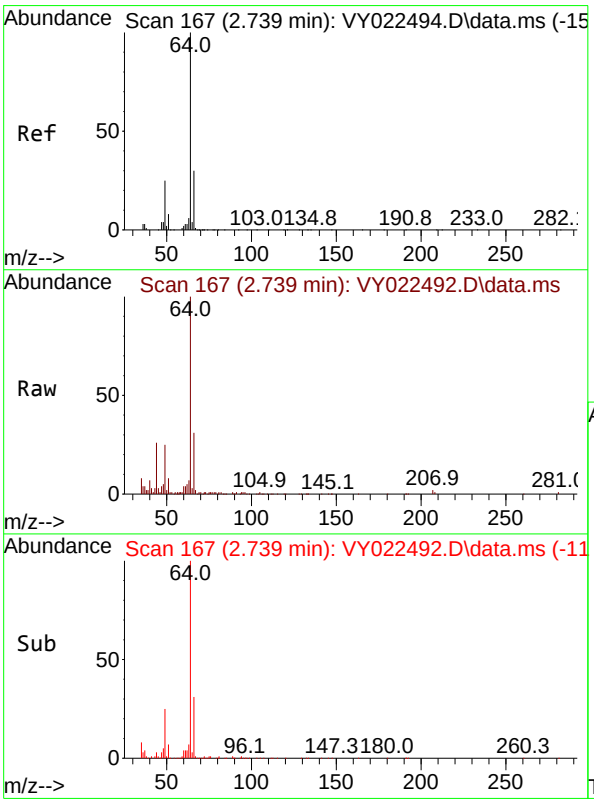
Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

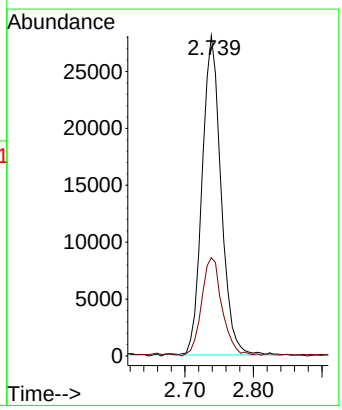


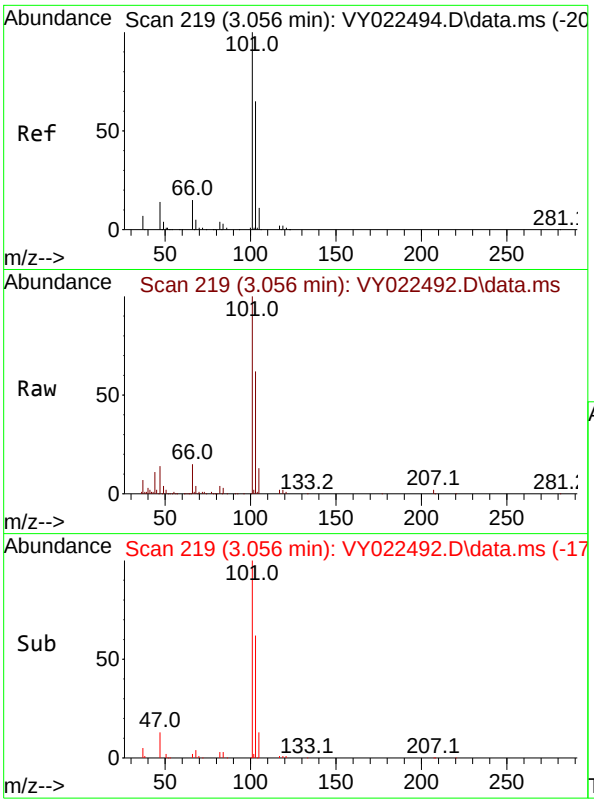


#6
Chloroethane
Concen: 12.374 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 64 Resp: 53992

Ion	Ratio	Lower	Upper
64	100		
66	30.3	23.8	35.6

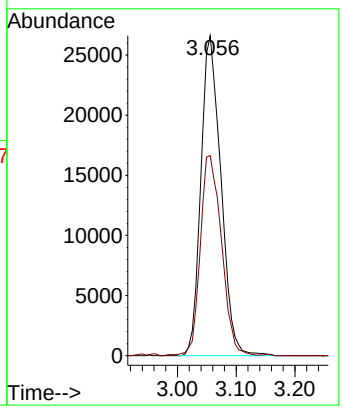




#7
Trichlorofluoromethane
Concen: 11.642 ug/l
RT: 3.056 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:101 Resp: 6304

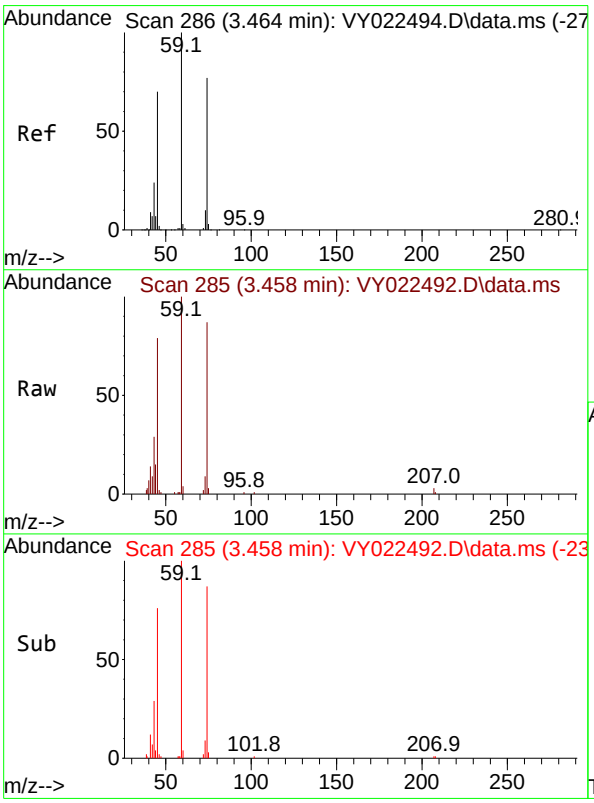
Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

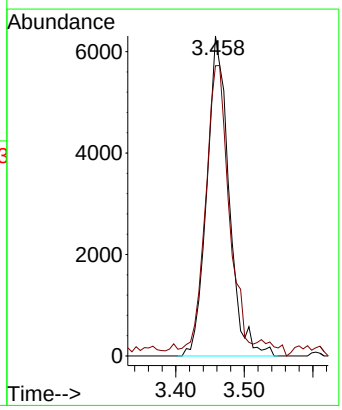
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

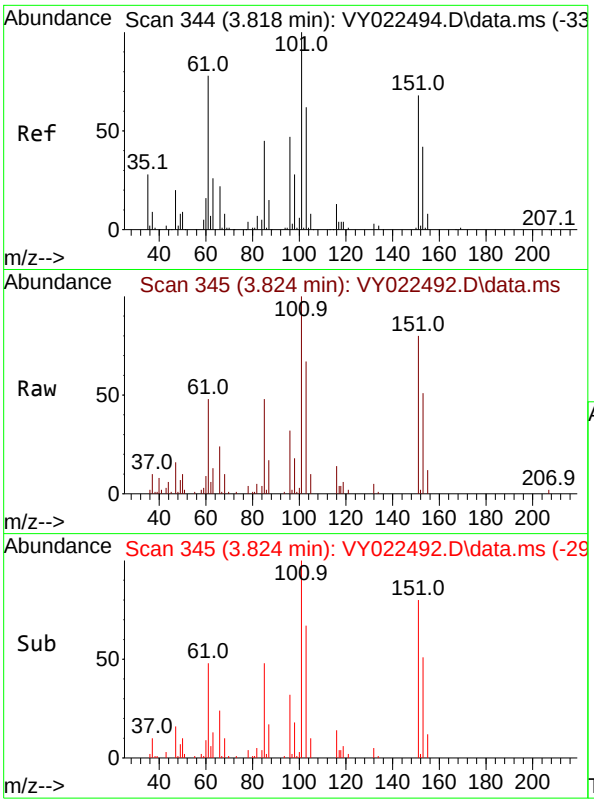


#8
Diethyl Ether
Concen: 11.826 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 74 Resp: 14144

Ion	Ratio	Lower	Upper
74	100		
45	91.9	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.445 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

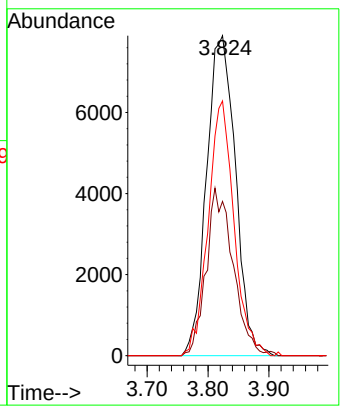
Tgt Ion:101 Resp: 2599

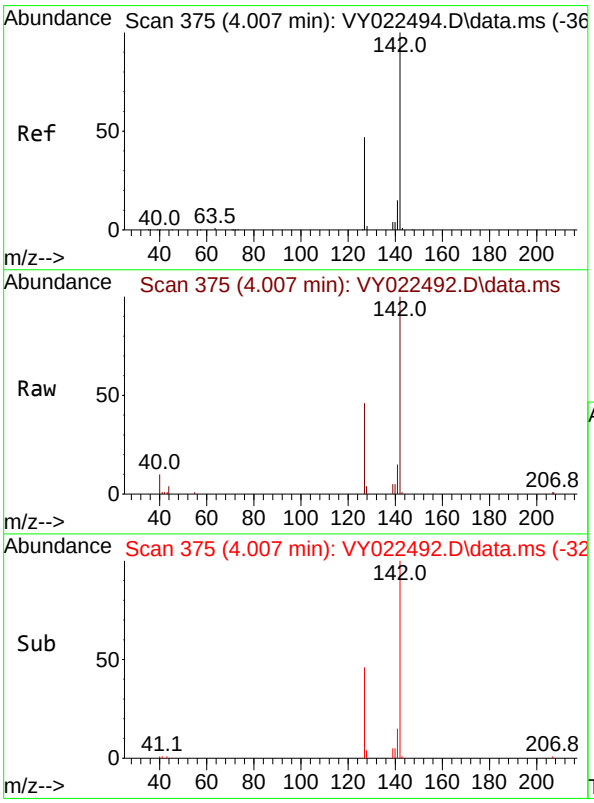
Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

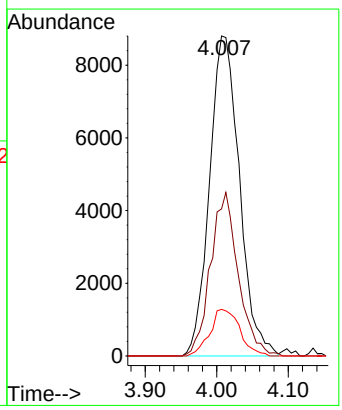


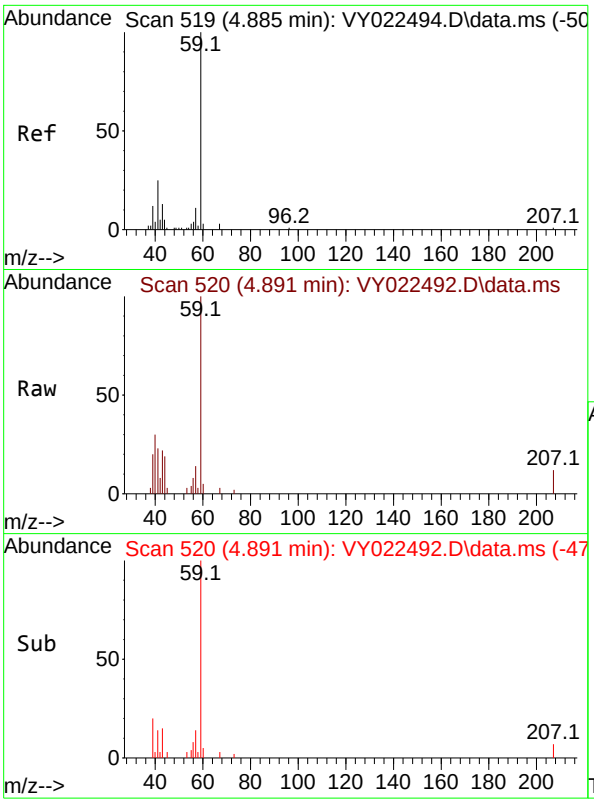


#10
Methyl Iodide
Concen: 10.505 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:142 Resp: 25590

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.6	11.4	17.2





#11
Tert butyl alcohol
Concen: 59.275 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

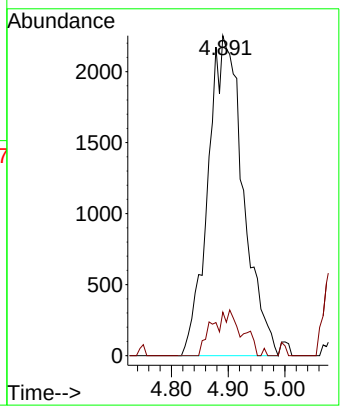
Tgt Ion: 59 Resp: 973

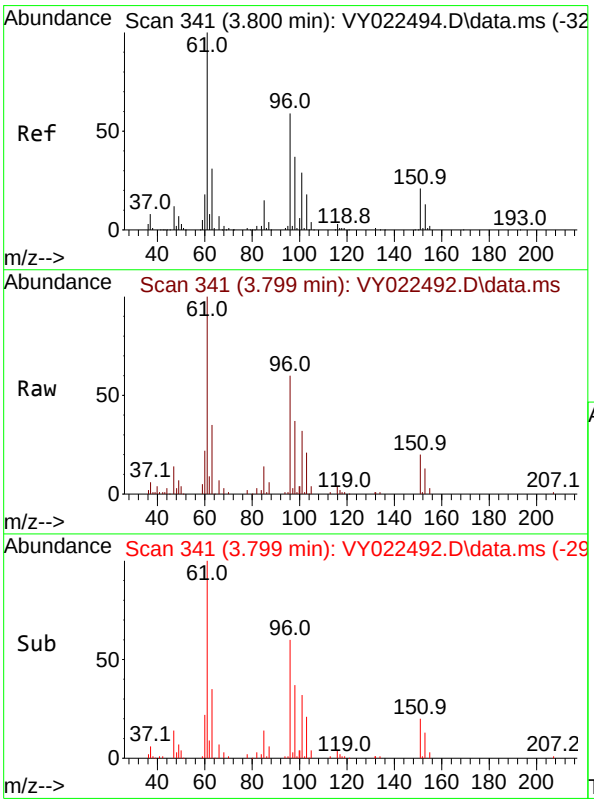
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

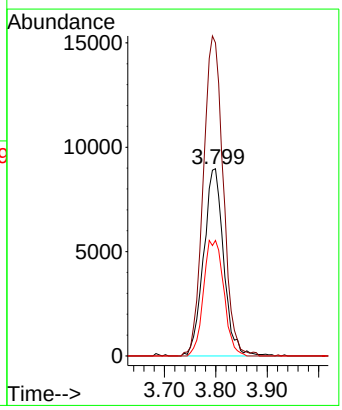


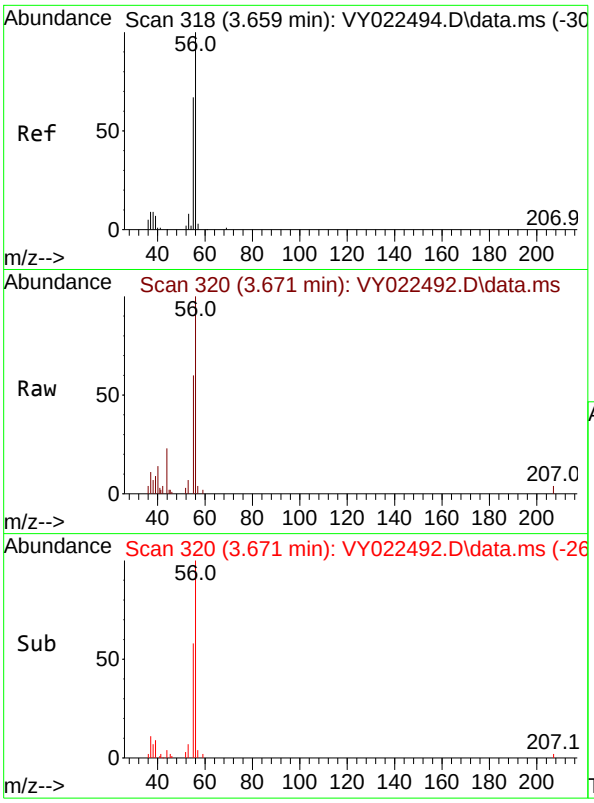


#12
1,1-Dichloroethene
Concen: 11.240 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 24370

Ion	Ratio	Lower	Upper
96	100		
61	167.3	134.6	201.8
98	61.7	50.2	75.4

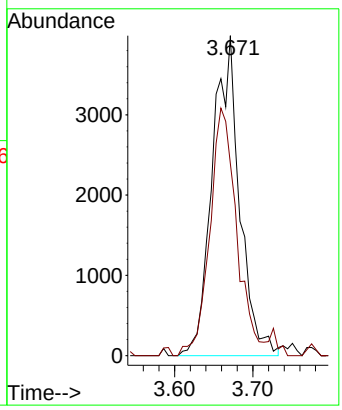




#13
Acrolein
Concen: 48.151 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 56 Resp: 965

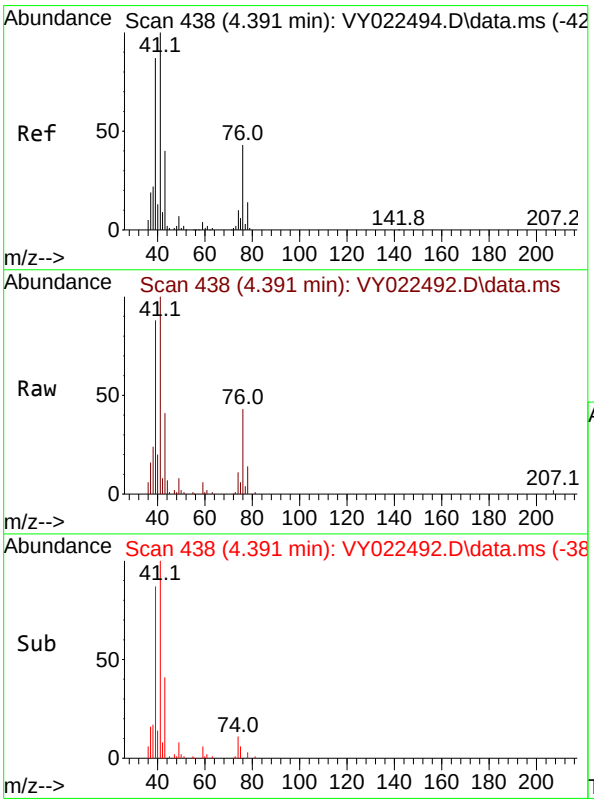
Ion	Ratio	Lower	Upper
56	100		
55	76.0	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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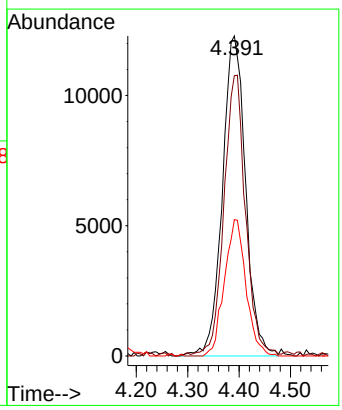
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

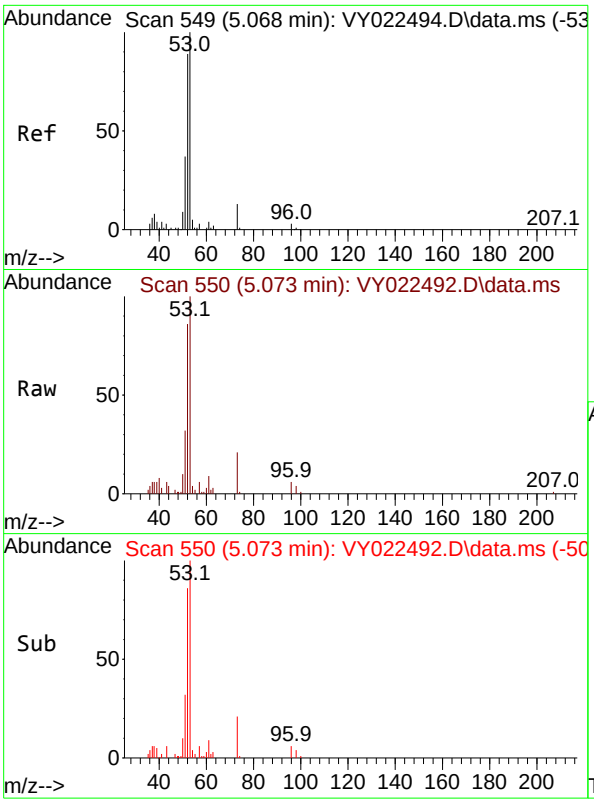


#14
Allyl chloride
Concen: 11.389 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 38482

Ion	Ratio	Lower	Upper
41	100		
39	80.5	69.1	103.7
76	39.7	33.5	50.3





#15
Acrylonitrile
Concen: 57.299 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

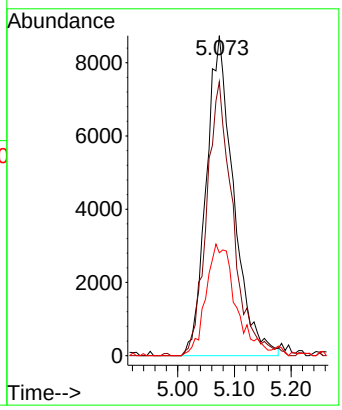
Tgt Ion: 53 Resp: 2915

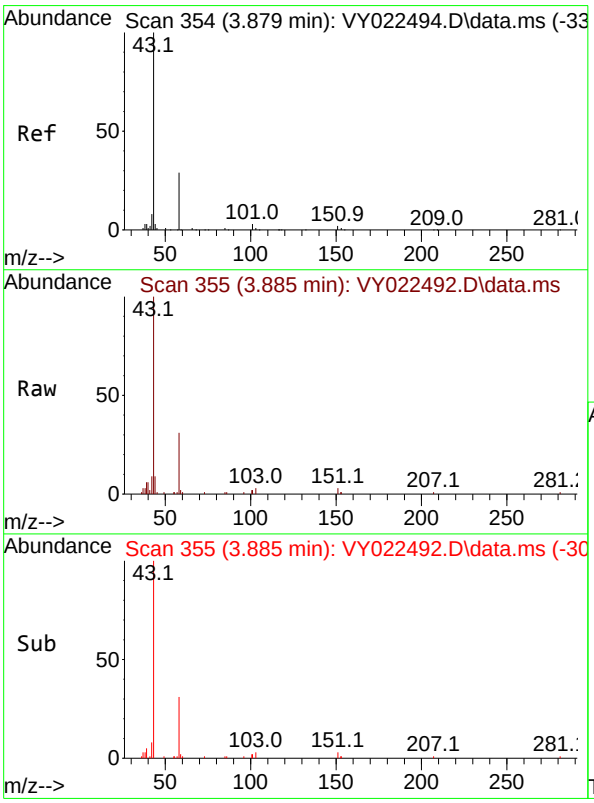
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	38.3	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

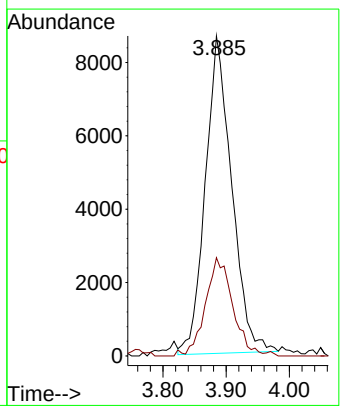


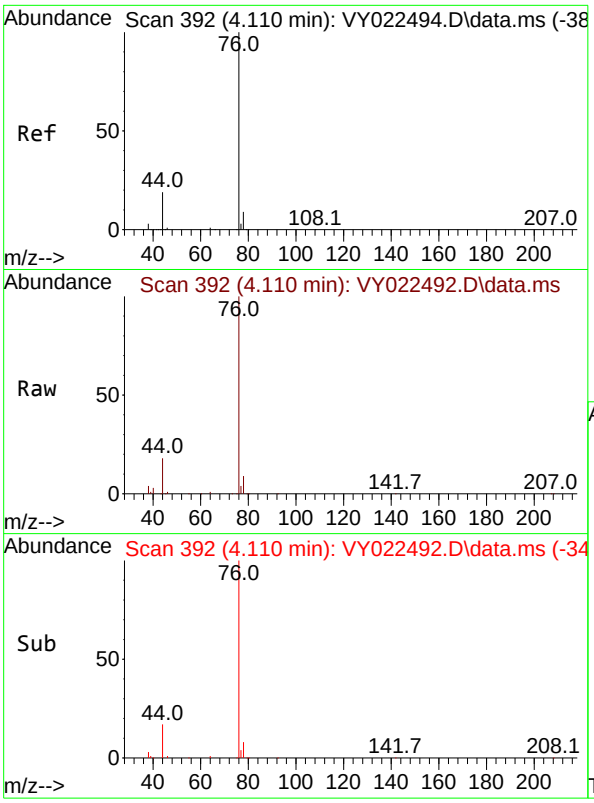


#16
Acetone
Concen: 55.166 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 25066

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0





#17
Carbon Disulfide
Concen: 11.413 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

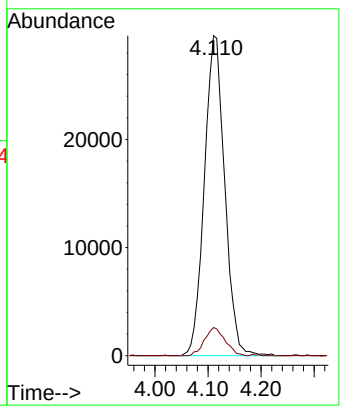
Tgt Ion: 76 Resp: 7900

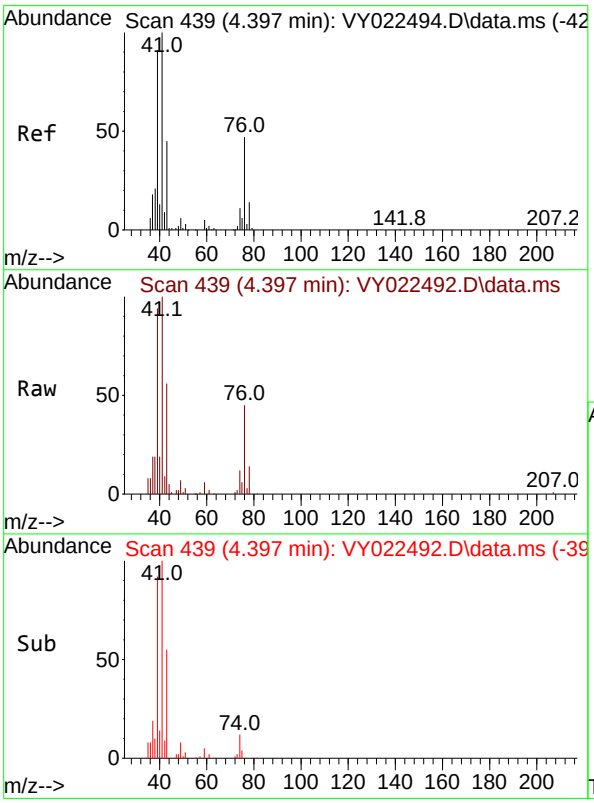
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

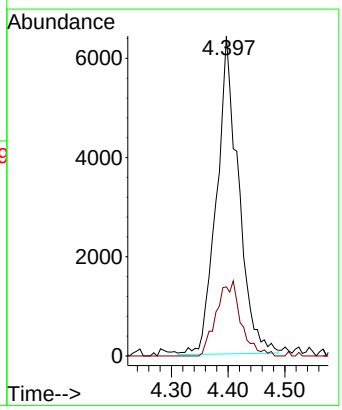


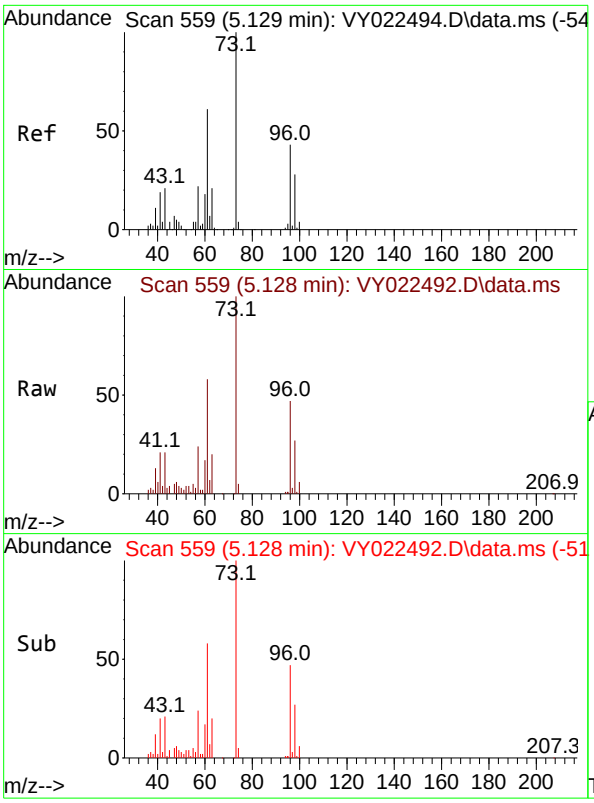


#18
Methyl Acetate
Concen: 12.603 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.8	29.6

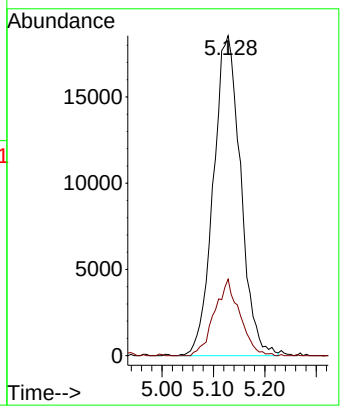




#19
Methyl tert-butyl Ether
Concen: 11.296 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 73 Resp: 6833

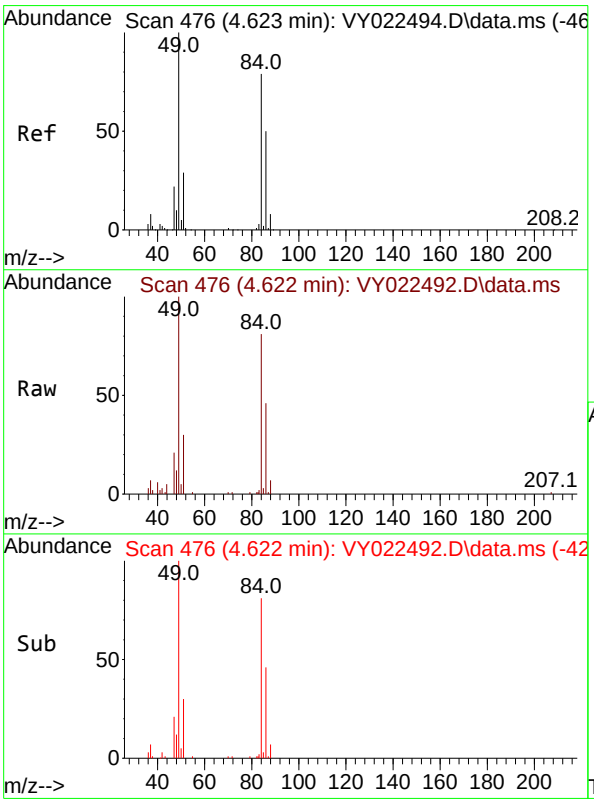
Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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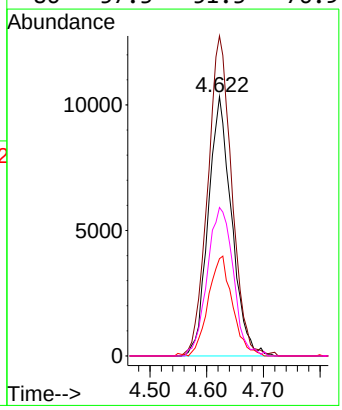
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

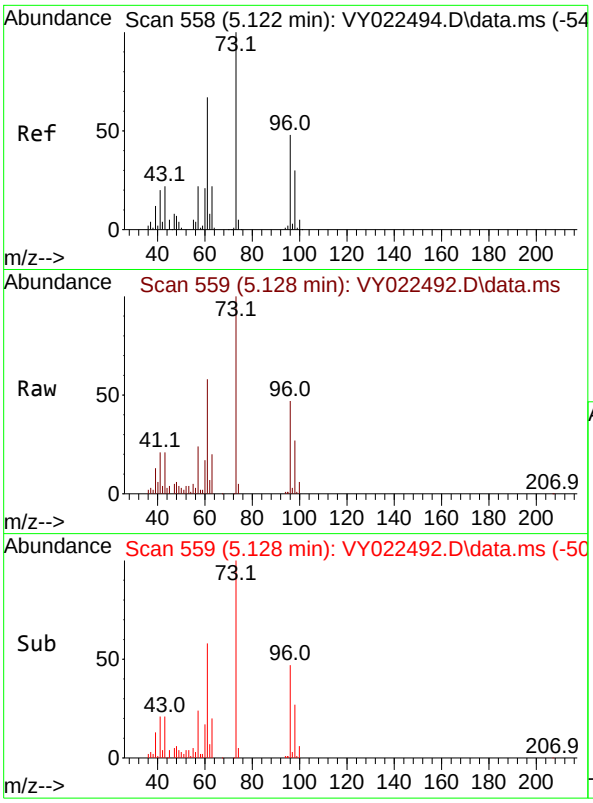


#20
Methylene Chloride
Concen: 11.655 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 84 Resp: 29569

Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.9	152.9
51	37.5	29.8	44.8
86	57.3	51.3	76.9

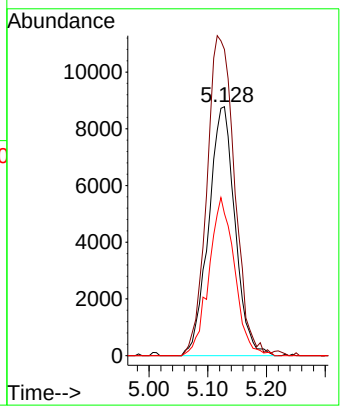




#21
trans-1,2-Dichloroethene
Concen: 11.350 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 2749

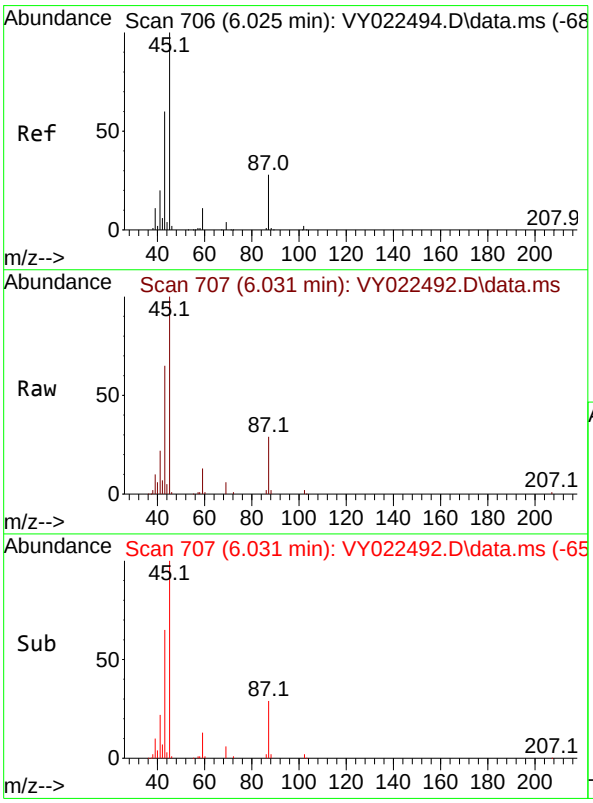
Ion	Ratio	Lower	Upper
96	100		
61	123.0	112.6	169.0
98	57.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

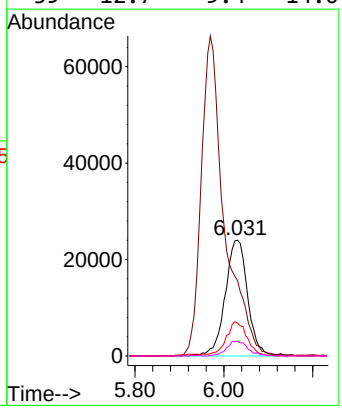
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

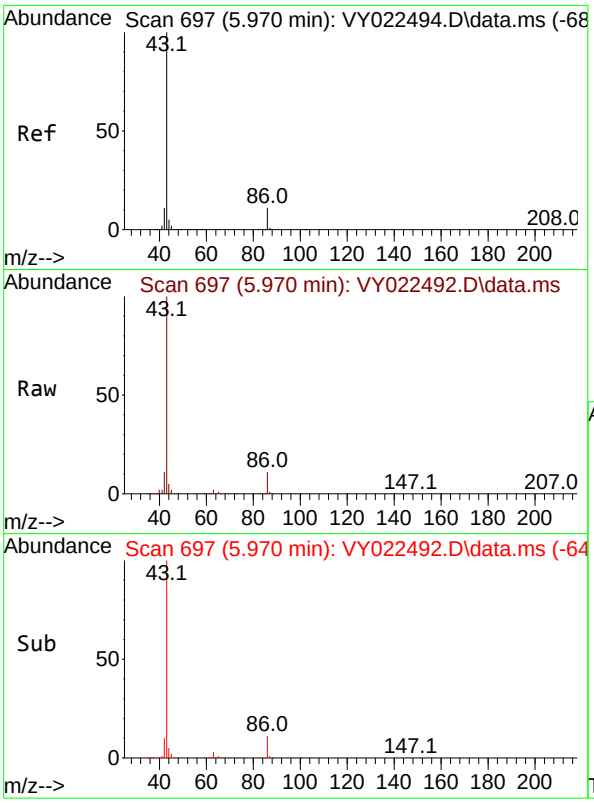


#22
Diisopropyl ether
Concen: 11.156 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 45 Resp: 83814

Ion	Ratio	Lower	Upper
45	100		
43	64.5	48.3	72.5
87	28.5	23.0	34.6
59	12.7	9.4	14.0





#23
Vinyl Acetate
Concen: 54.152 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

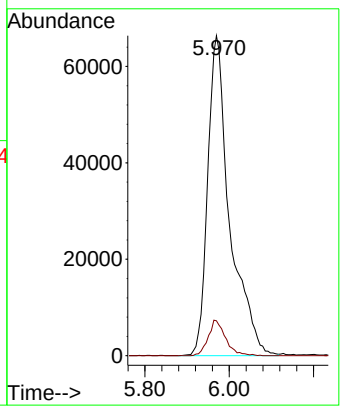
Tgt Ion: 43 Resp: 24136

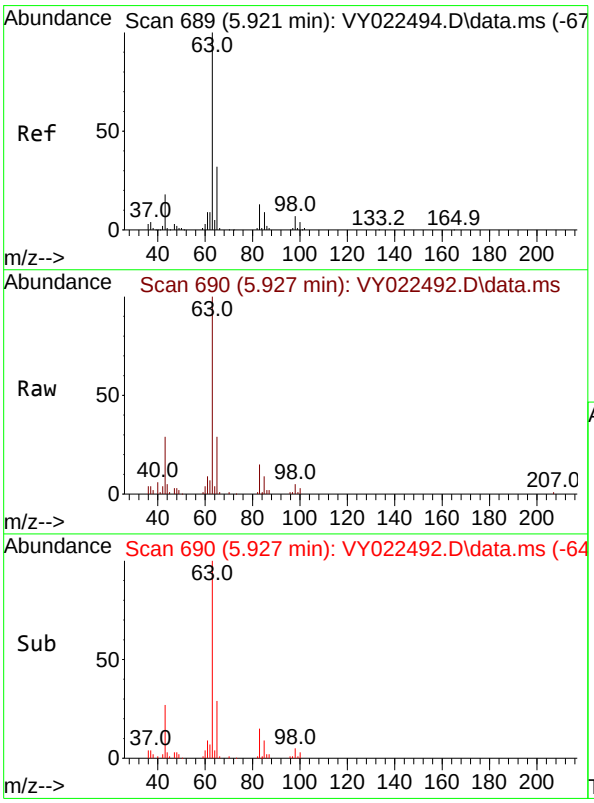
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

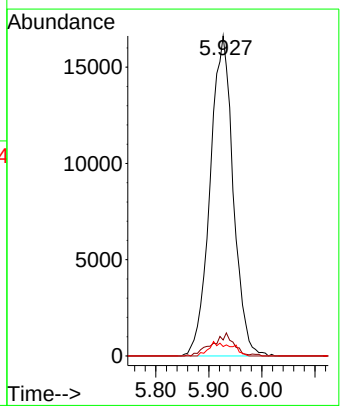


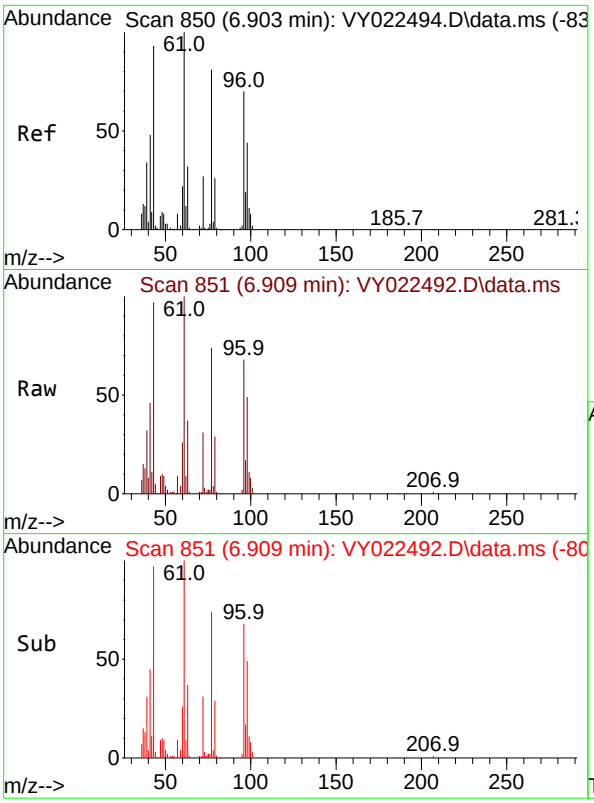


#24
1,1-Dichloroethane
Concen: 11.346 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 50391

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.4	10.1
100	3.0	2.1	6.3

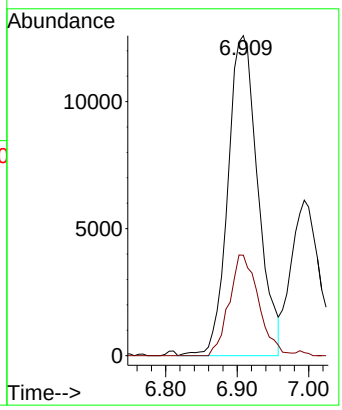




#25
2-Butanone
Concen: 54.840 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 3675

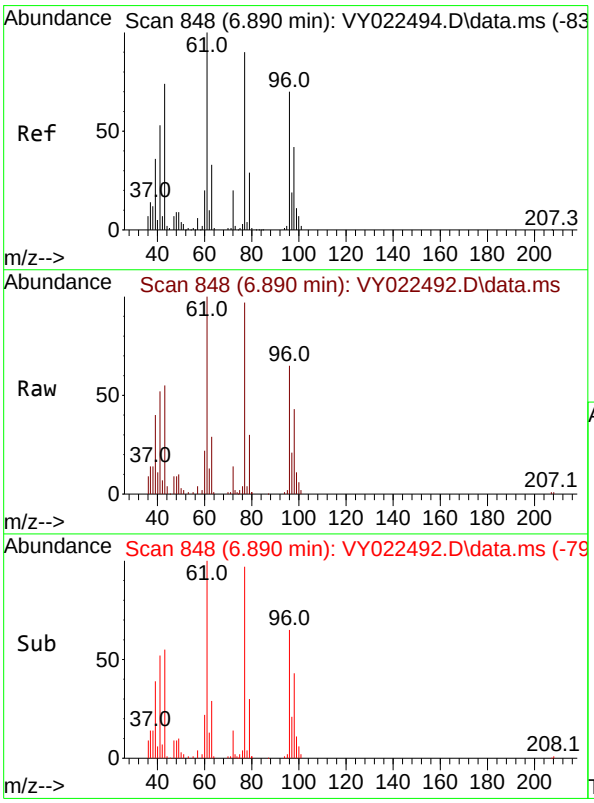
Ion	Ratio	Lower	Upper
43	100		
72	31.4	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

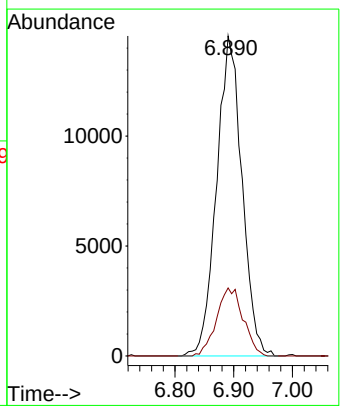
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

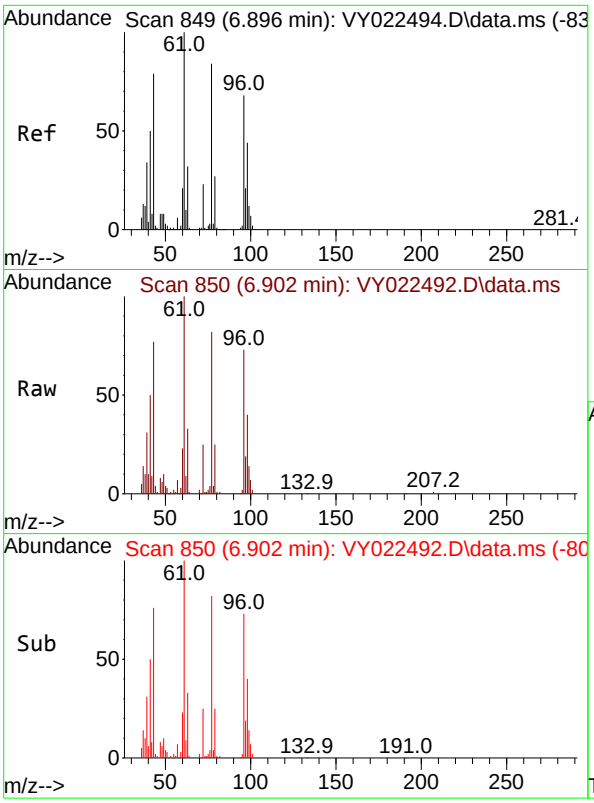


#26
2,2-Dichloropropane
Concen: 11.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 77 Resp: 43605

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2

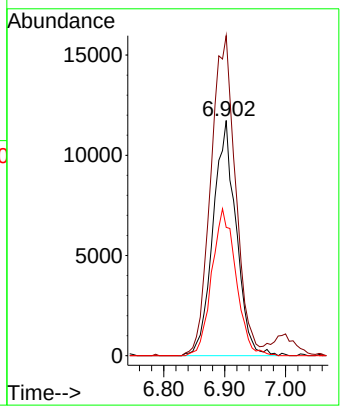




#27
cis-1,2-Dichloroethene
Concen: 11.028 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 3087

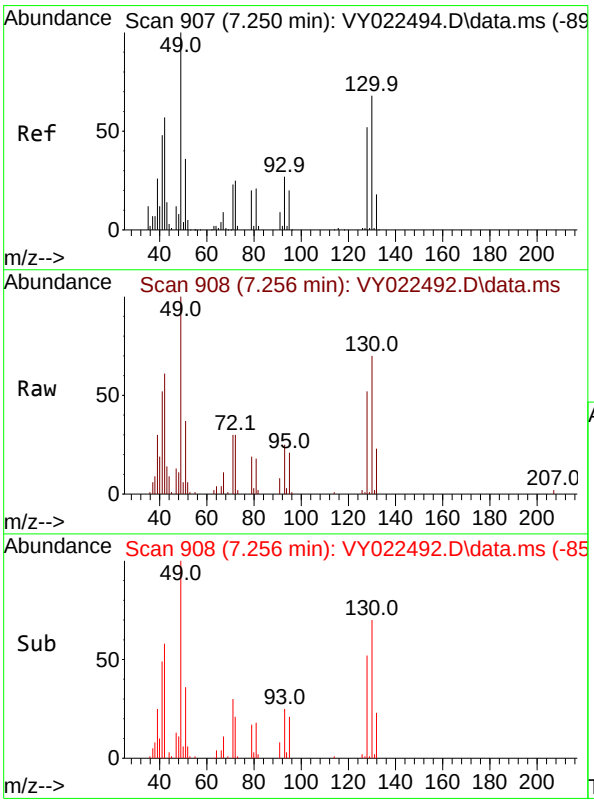
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.0
98	65.3	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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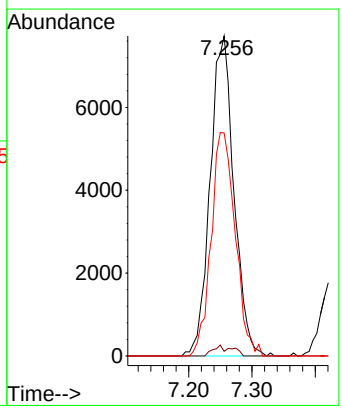
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

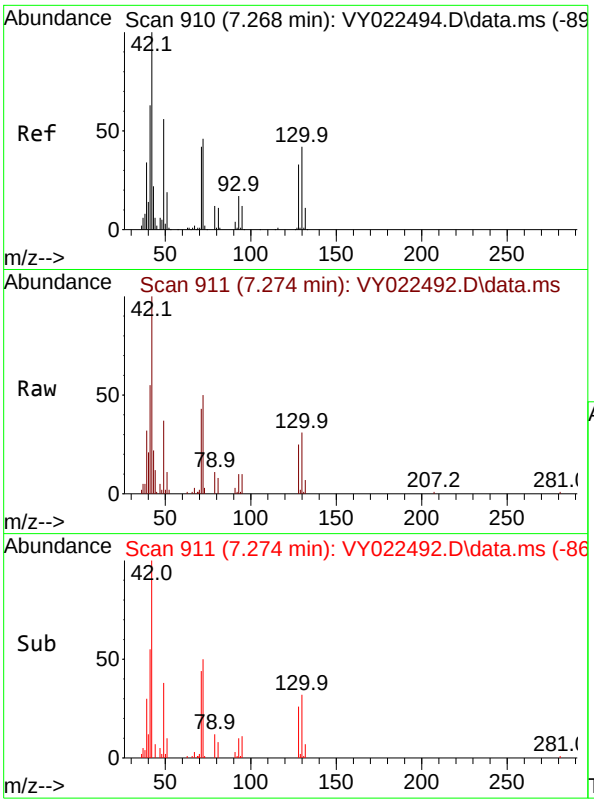


#28
Bromochloromethane
Concen: 10.491 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 49 Resp: 20132

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	70.8	55.7	83.5

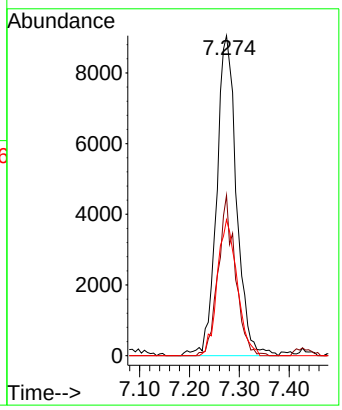




#29
Tetrahydrofuran
Concen: 57.822 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 42 Resp: 2500

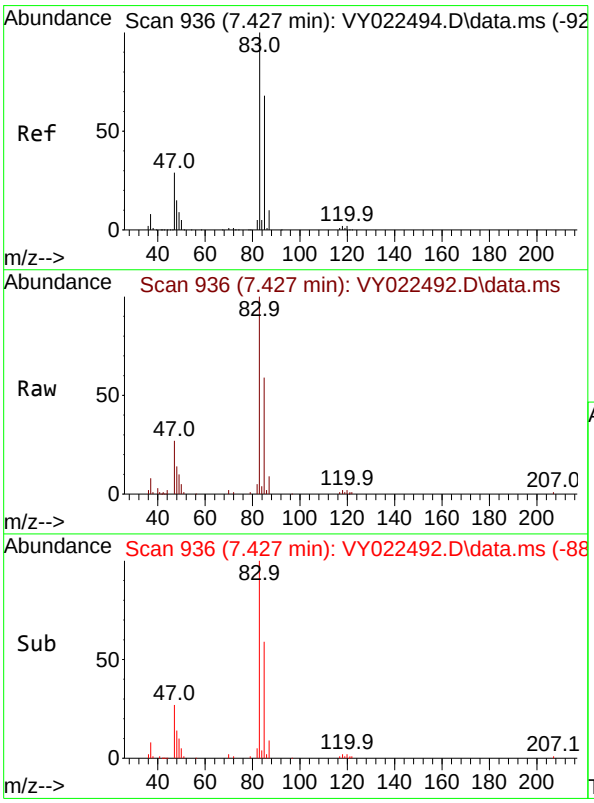
Ion	Ratio	Lower	Upper
42	100		
72	43.5	37.4	56.2
71	42.5	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

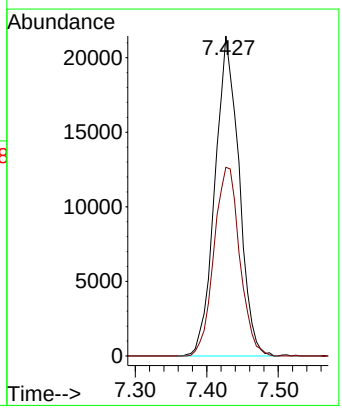
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

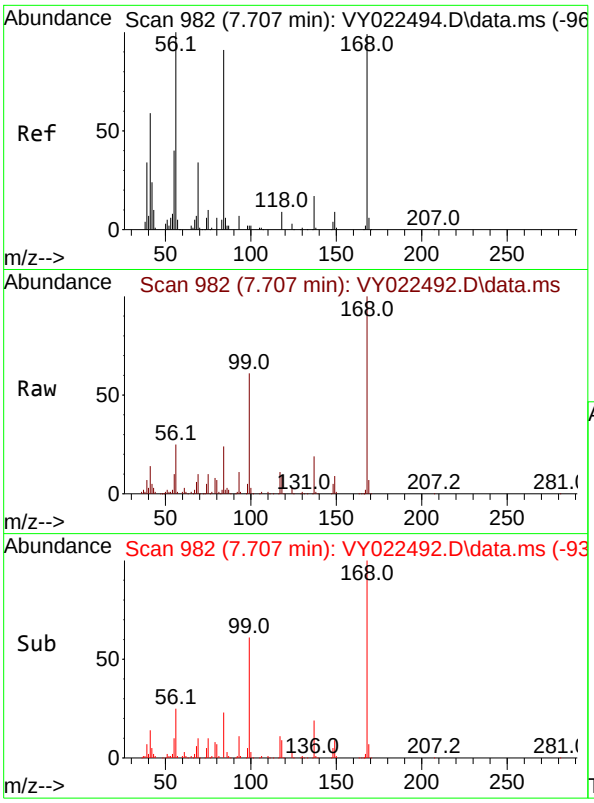


#30
Chloroform
Concen: 11.391 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 49990

Ion	Ratio	Lower	Upper
83	100		
85	59.0	54.2	81.4





#31
Cyclohexane
Concen: 11.422 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

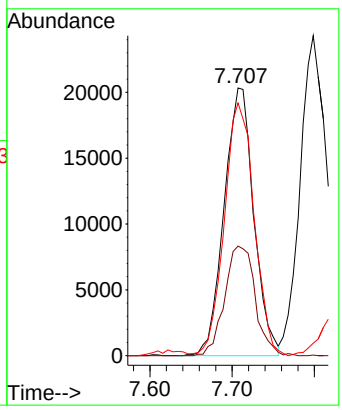
Tgt Ion: 56 Resp: 5105

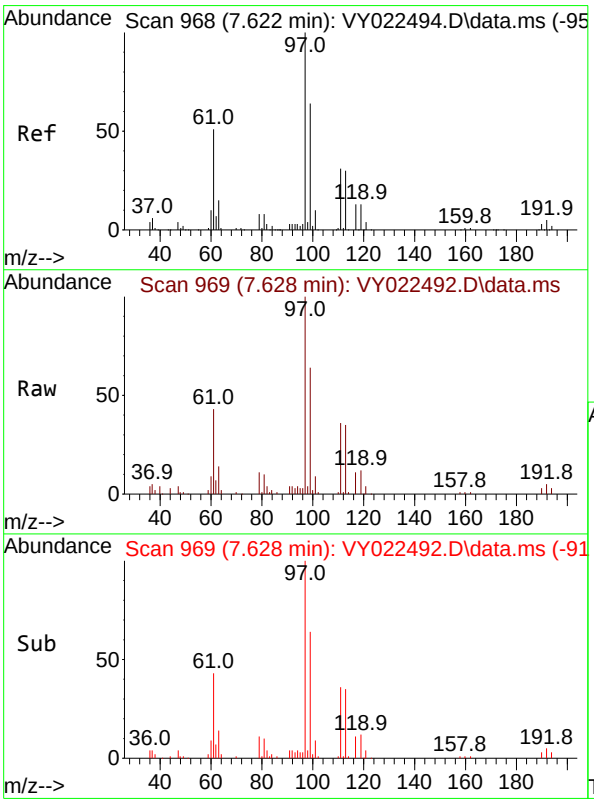
Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.0	40.6
84	92.7	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

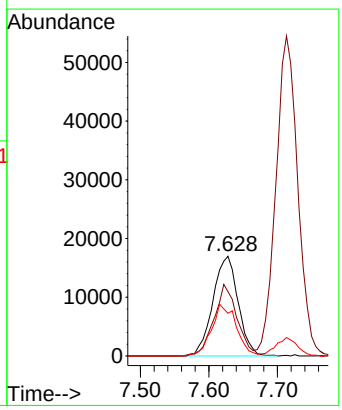


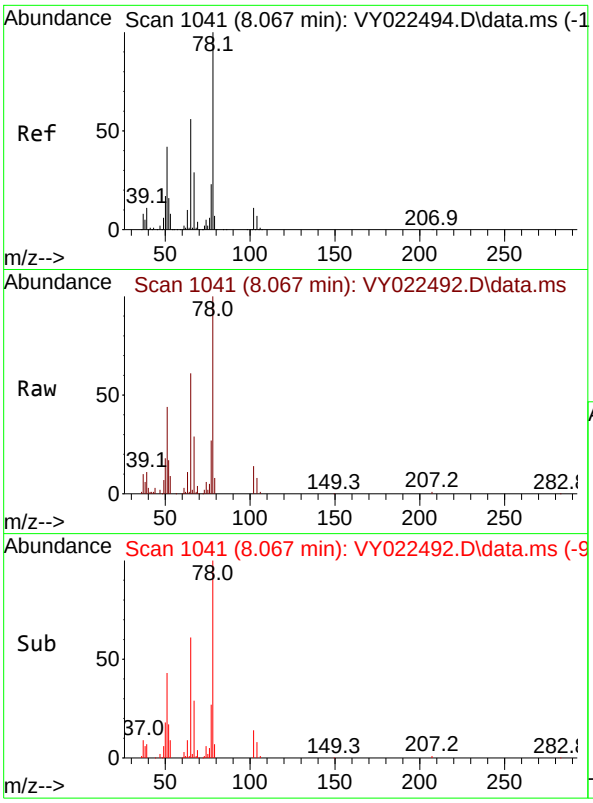


#32
1,1,1-Trichloroethane
Concen: 11.080 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 43454

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	50.6	38.5	57.7

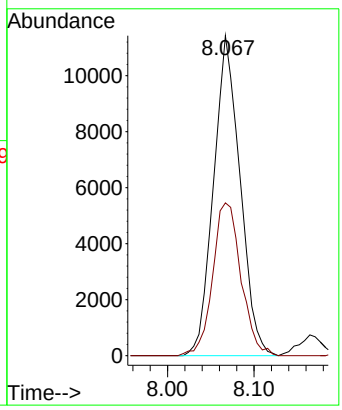




#33
1,2-Dichloroethane-d4
Concen: 10.549 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 65 Resp: 2424

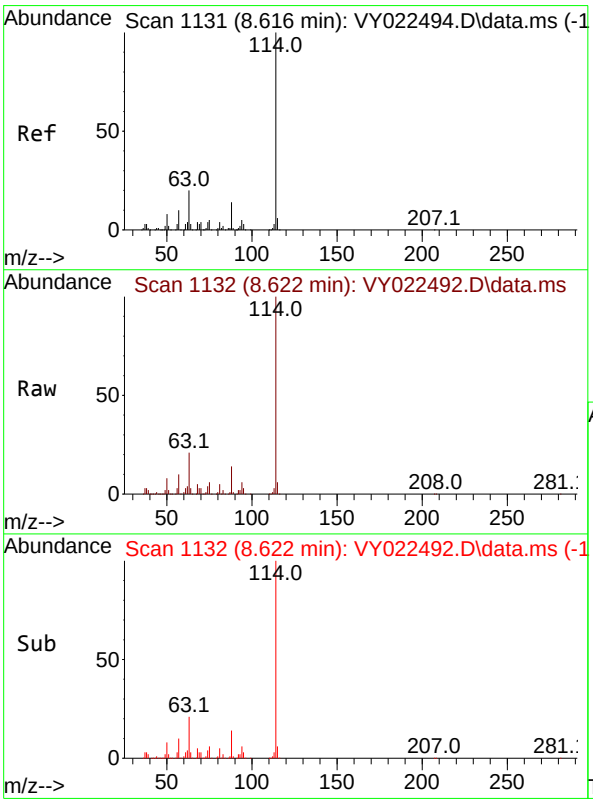
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

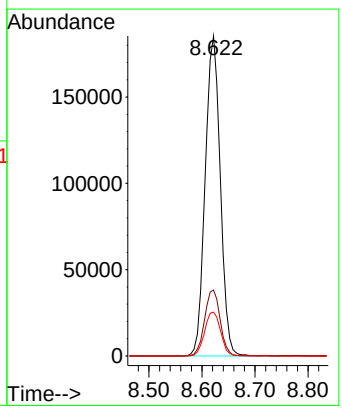
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

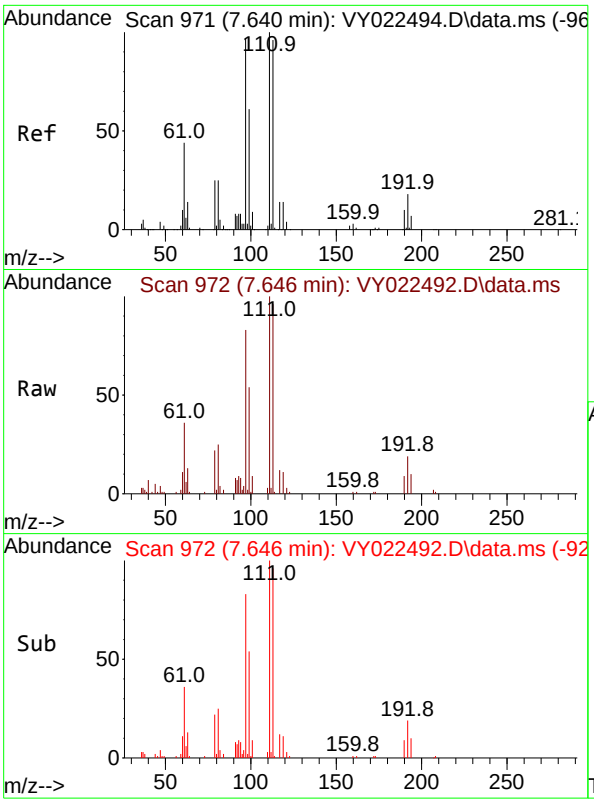


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:114 Resp: 366386

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	13.7	0.0	27.8

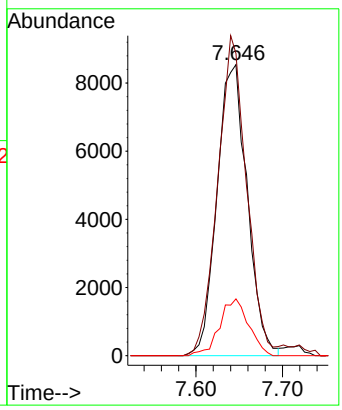




#35
Dibromofluoromethane
Concen: 9.617 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:113 Resp: 2074

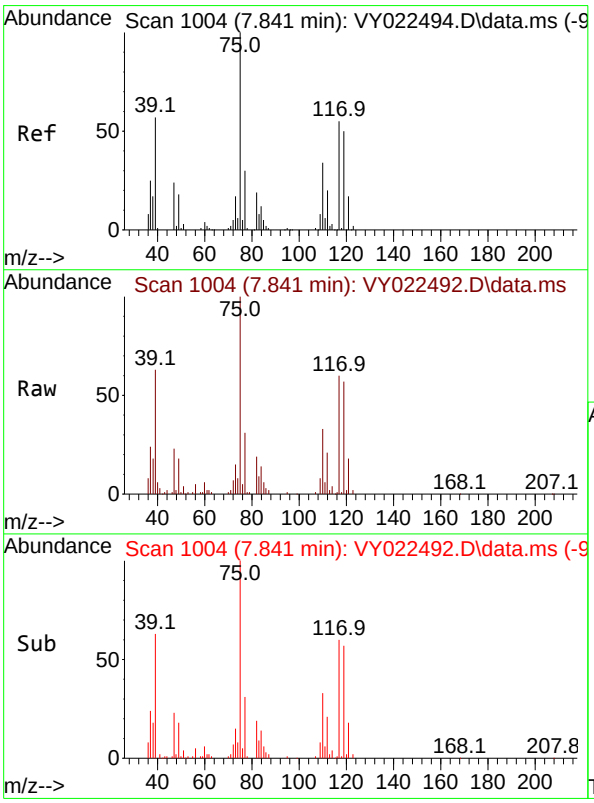
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.1	121.7
192	18.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

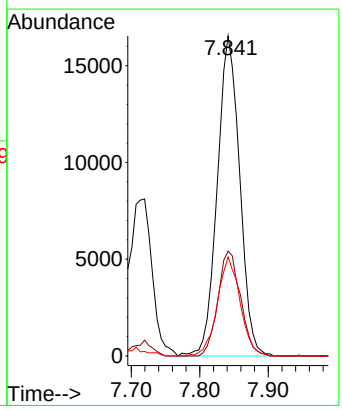
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

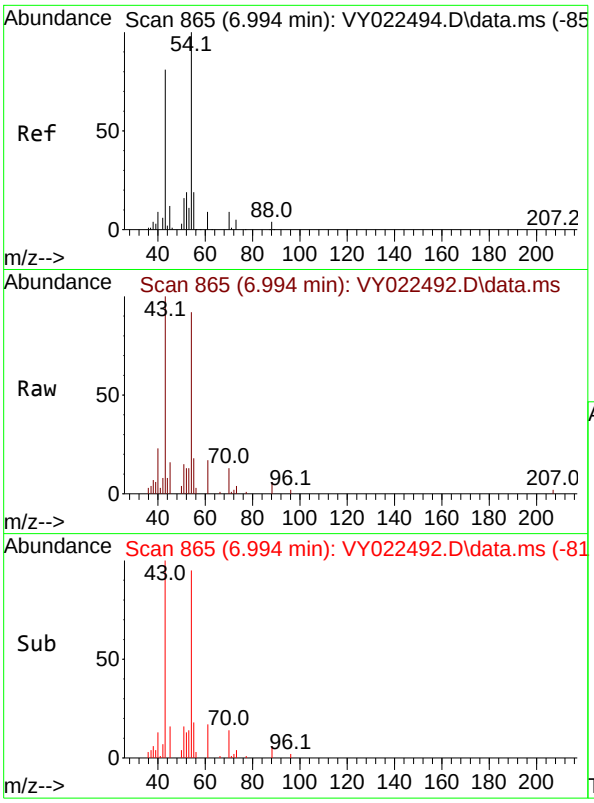


#36
1,1-Dichloropropene
Concen: 10.765 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 37532

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.7
77	31.5	24.8	37.2





#37
Ethyl Acetate
Concen: 10.371 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

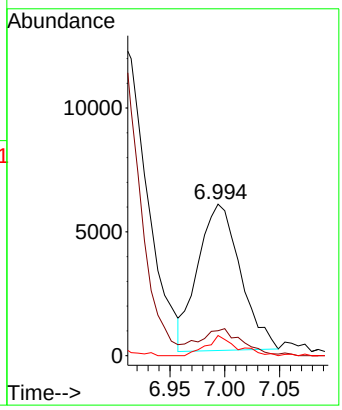
Tgt Ion: 43 Resp: 1591

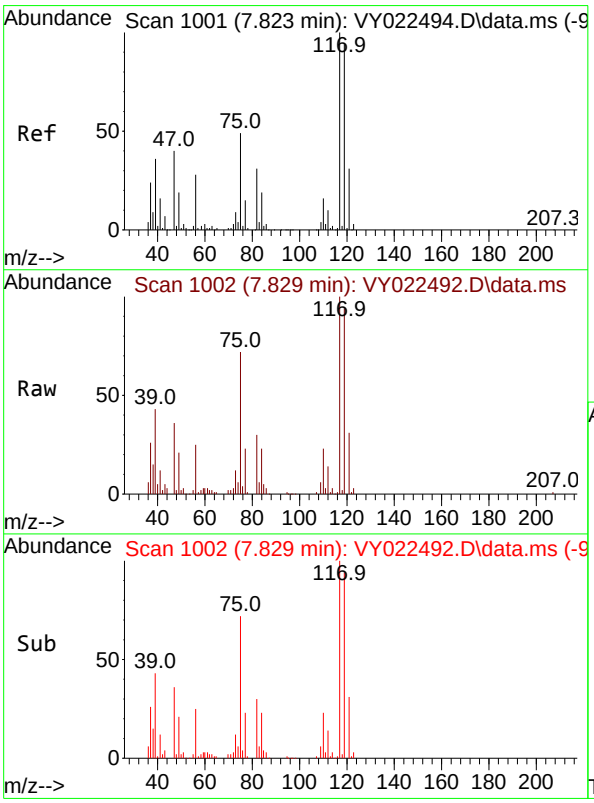
Ion	Ratio	Lower	Upper
43	100		
61	18.4	11.5	17.3
70	9.8	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

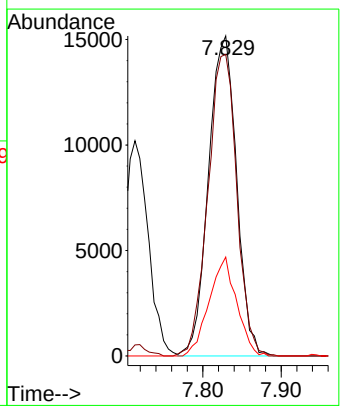


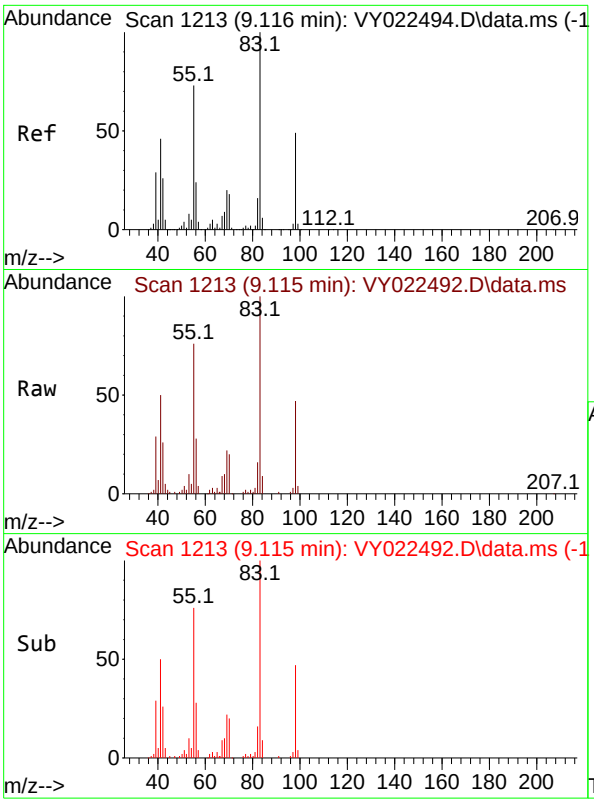


#38
Carbon Tetrachloride
Concen: 10.515 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 37794

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
121	30.9	25.0	37.4





#39
Methylcyclohexane
Concen: 10.491 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

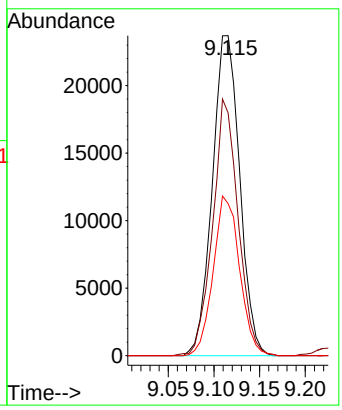
Tgt Ion: 83 Resp: 4941

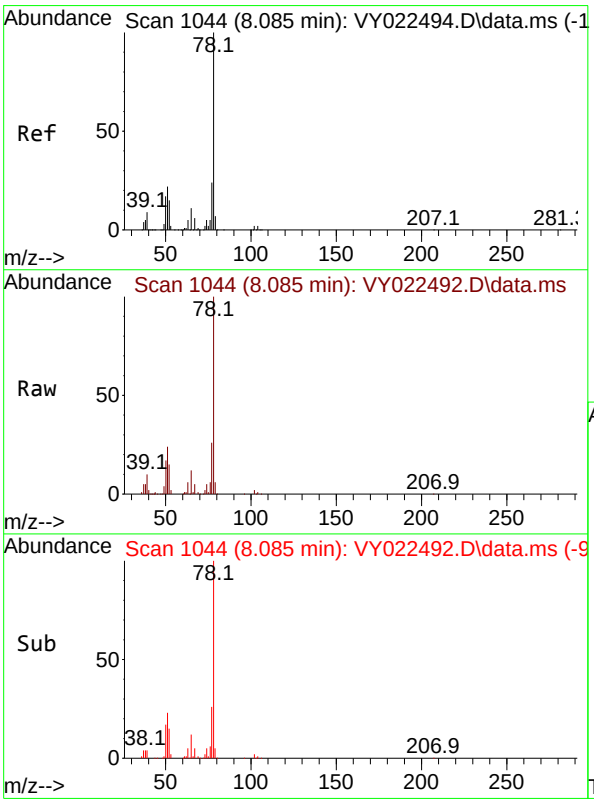
Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.1	87.1
98	47.5	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

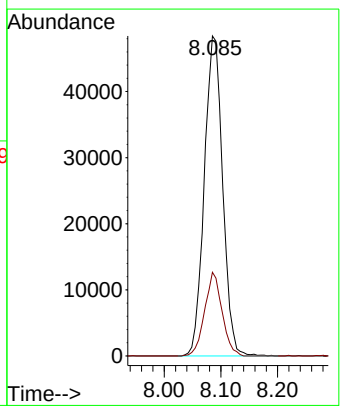


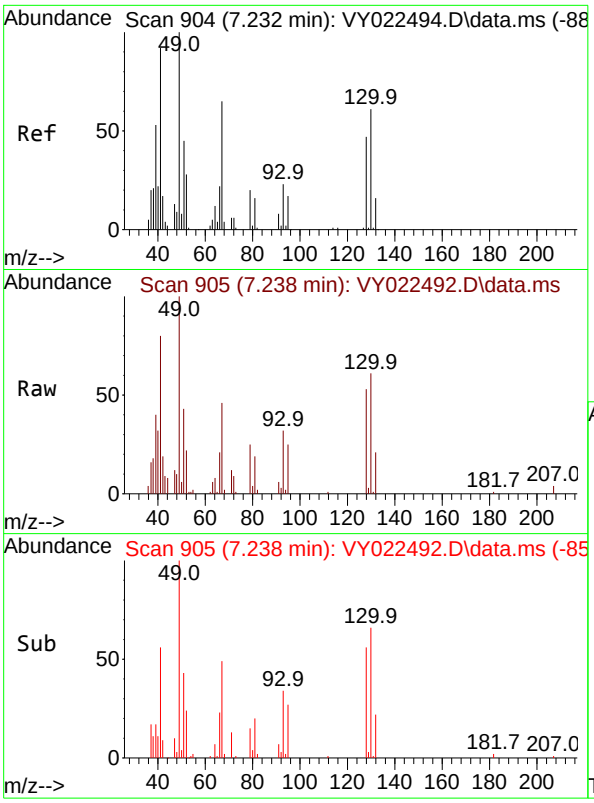


#40
Benzene
Concen: 10.600 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 78 Resp: 108934

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9

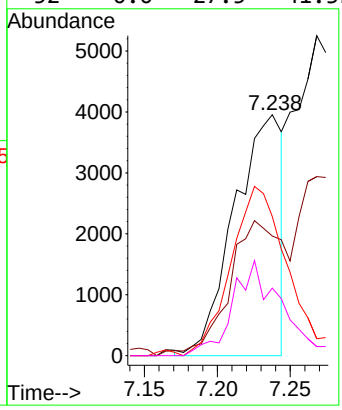




#41
Methacrylonitrile
Concen: 9.151 ug/l m
RT: 7.238 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 904

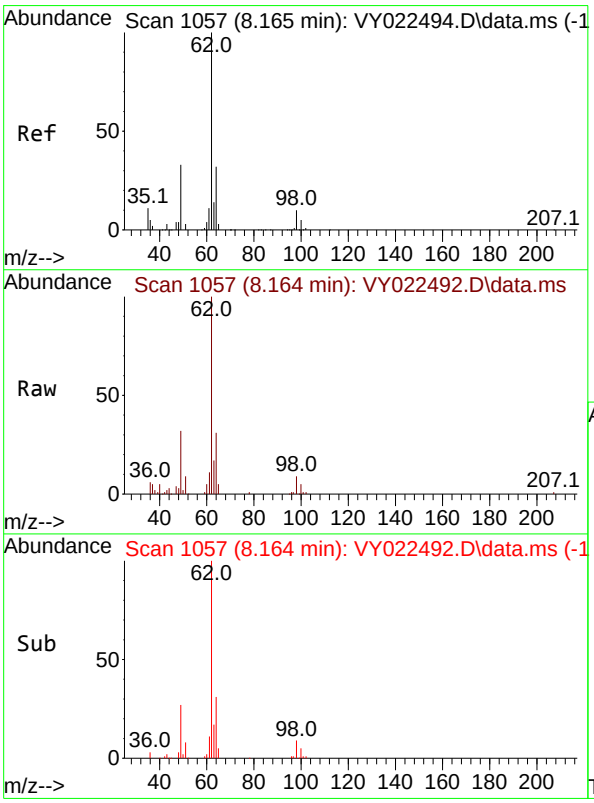
Ion	Ratio	Lower	Upper
41	100		
39	83.2	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

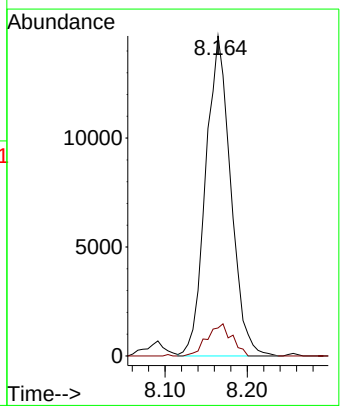
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

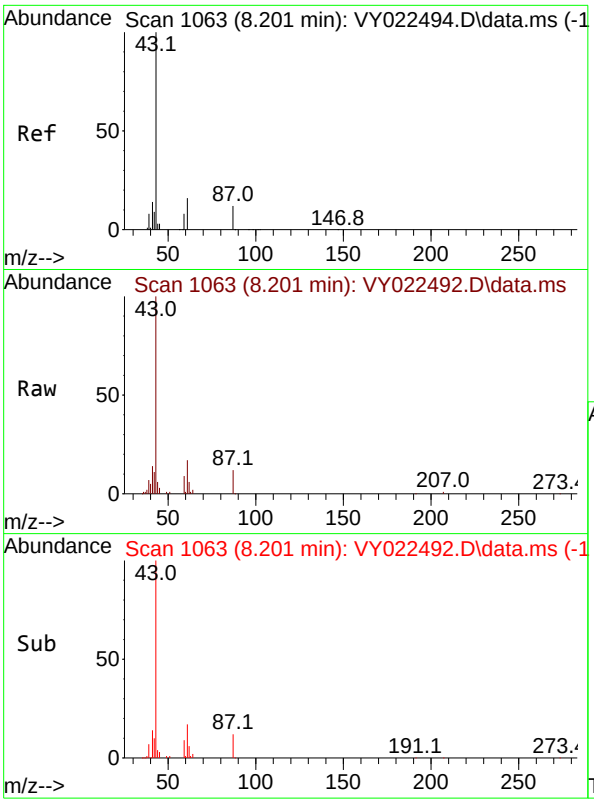


#42
1,2-Dichloroethane
Concen: 11.125 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 31102

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2

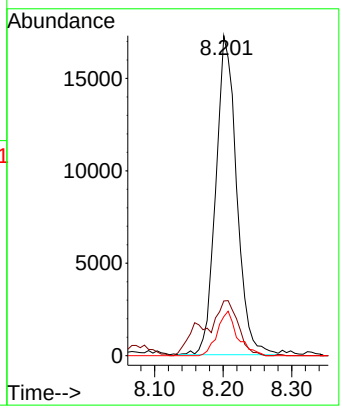




#43
Isopropyl Acetate
Concen: 10.859 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 3641

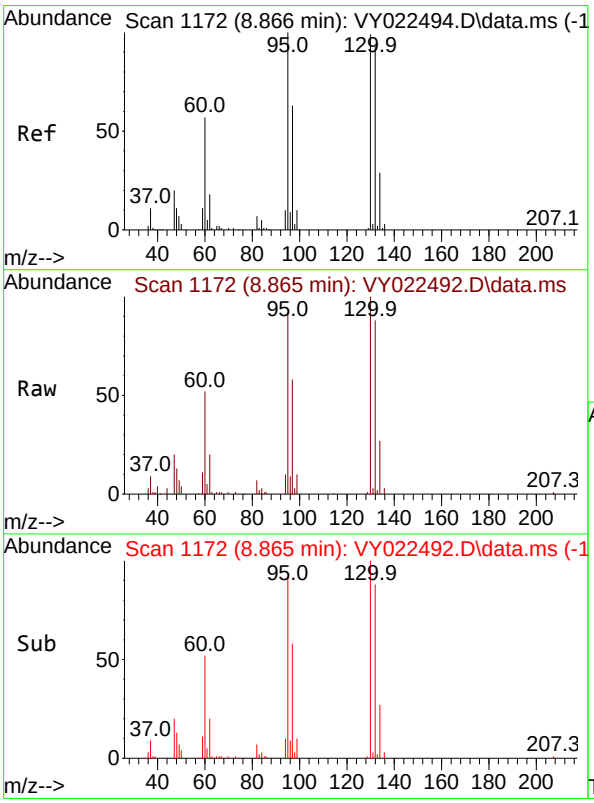
Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.6	23.4
87	13.4	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

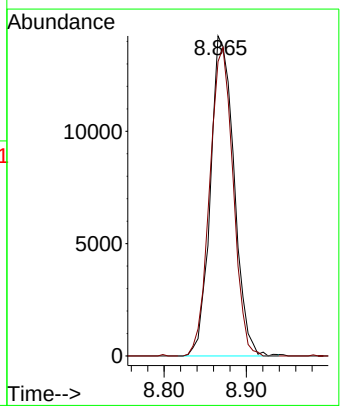
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

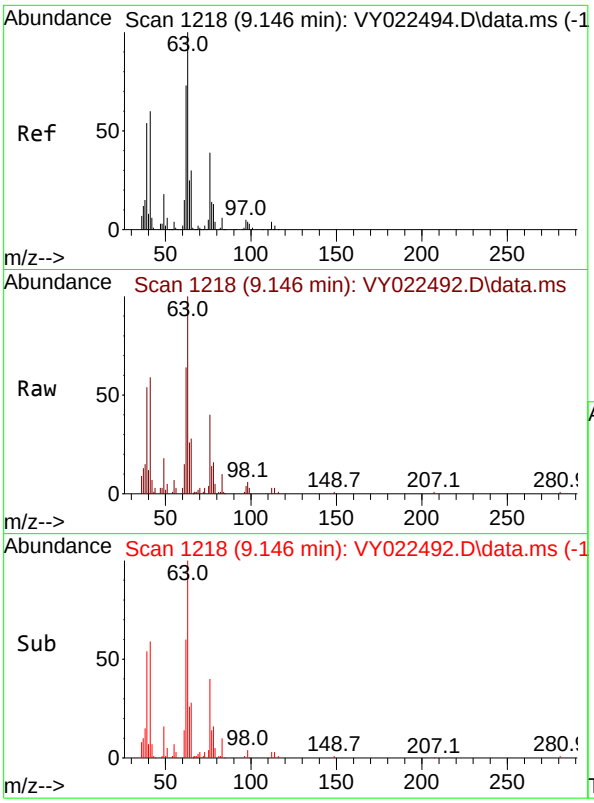


#44
Trichloroethene
Concen: 11.325 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:130 Resp: 28431

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	203.0

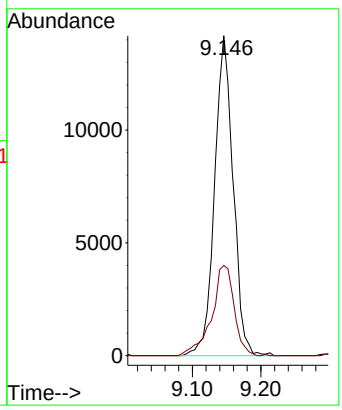




#45
1,2-Dichloropropane
Concen: 10.884 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 2666

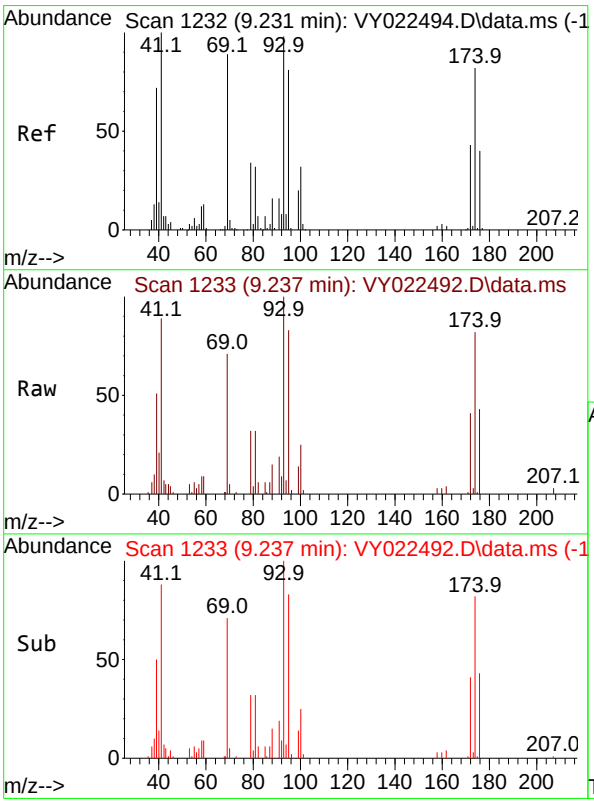
Ion	Ratio	Lower	Upper
63	100		
65	28.2	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

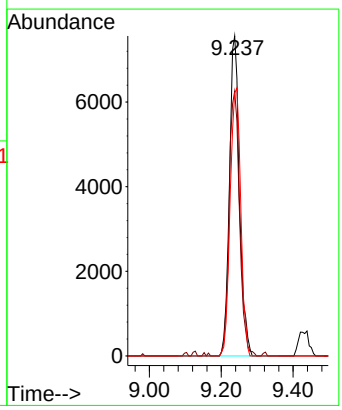
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

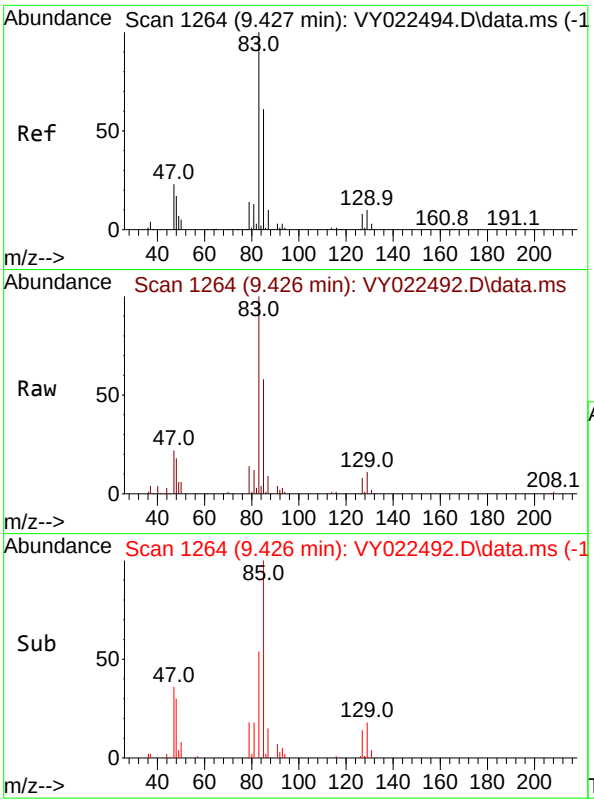


#46
Dibromomethane
Concen: 10.637 ug/l m
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 93 Resp: 14601

Ion	Ratio	Lower	Upper
93	100		
95	0.0	65.6	98.4#
174	0.0	70.4	105.6#

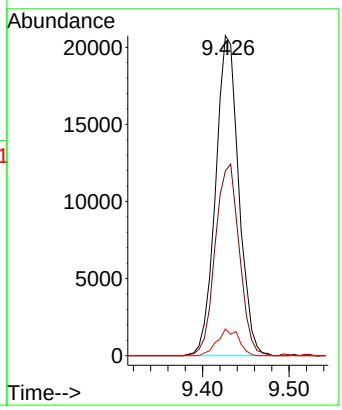




#47
Bromodichloromethane
Concen: 11.048 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 3847

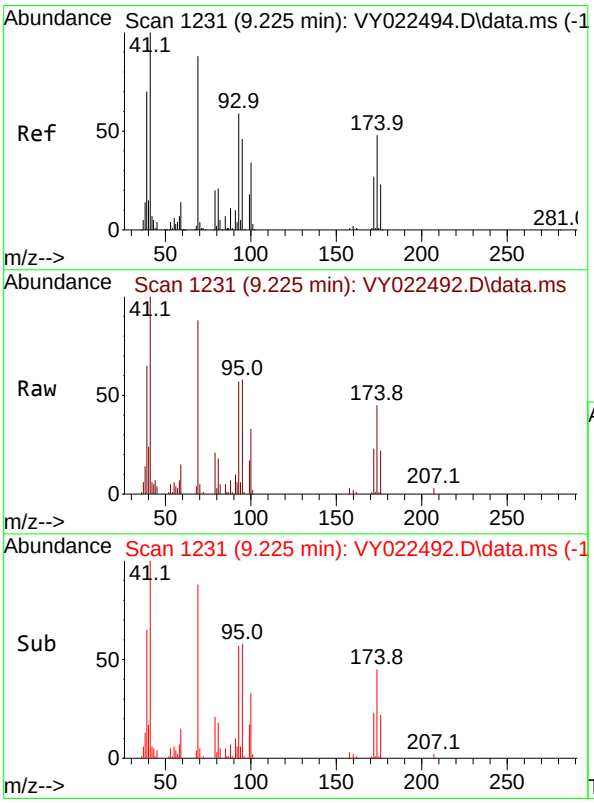
Ion	Ratio	Lower	Upper
83	100		
85	57.8	49.1	73.7
127	8.4	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

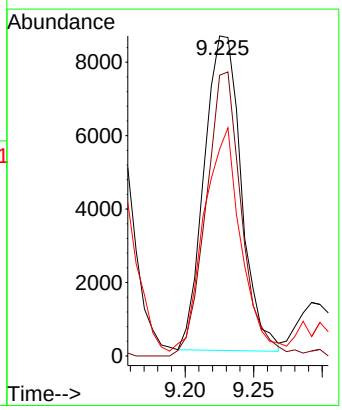
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

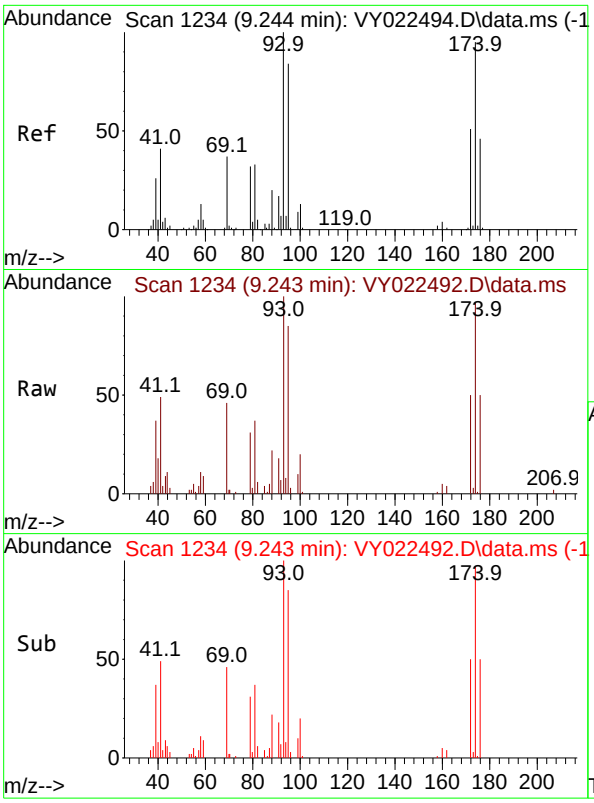


#48
Methyl methacrylate
Concen: 10.501 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 16122

Ion	Ratio	Lower	Upper
41	100		
69	86.6	67.8	101.8
39	70.2	55.0	82.4

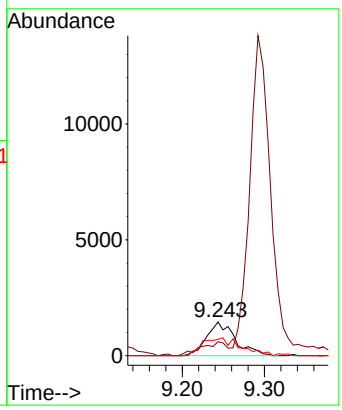




#49
1,4-Dioxane
Concen: 215.881 ug/l
RT: 9.243 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 88 Resp: 353

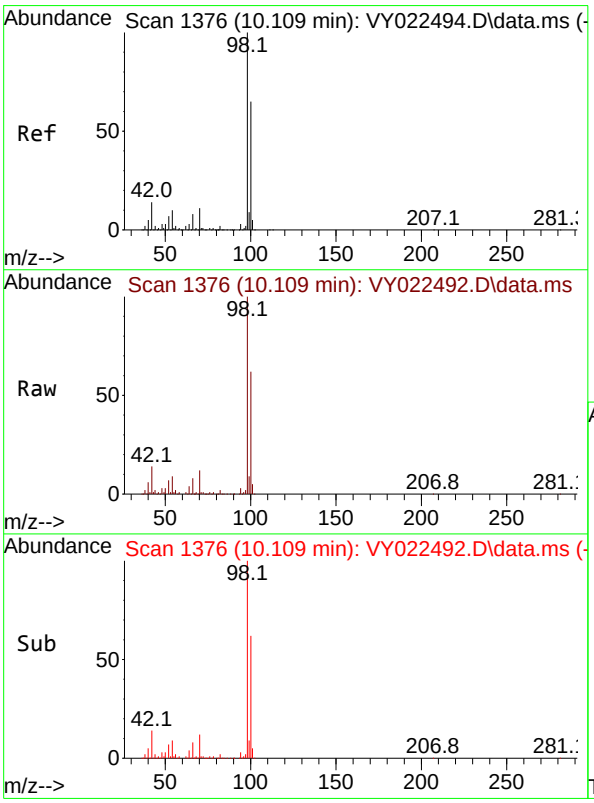
Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.4	38.2
58	69.8	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

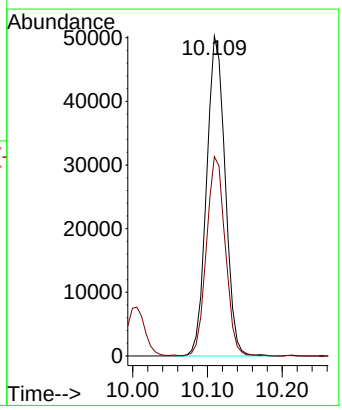
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

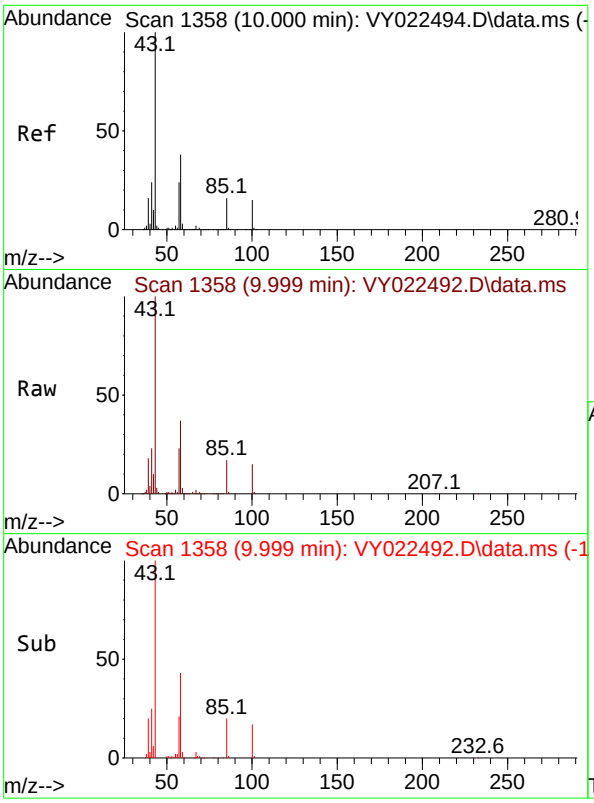


#50
Toluene-d8
Concen: 9.930 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 98 Resp: 86561

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.0

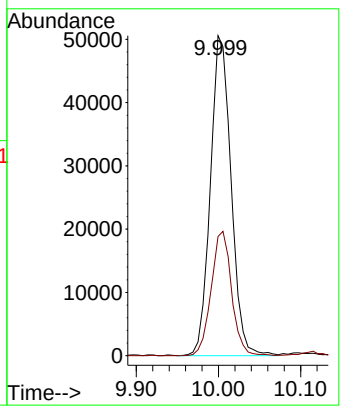




#51
4-Methyl-2-Pentanone
Concen: 53.259 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 8863

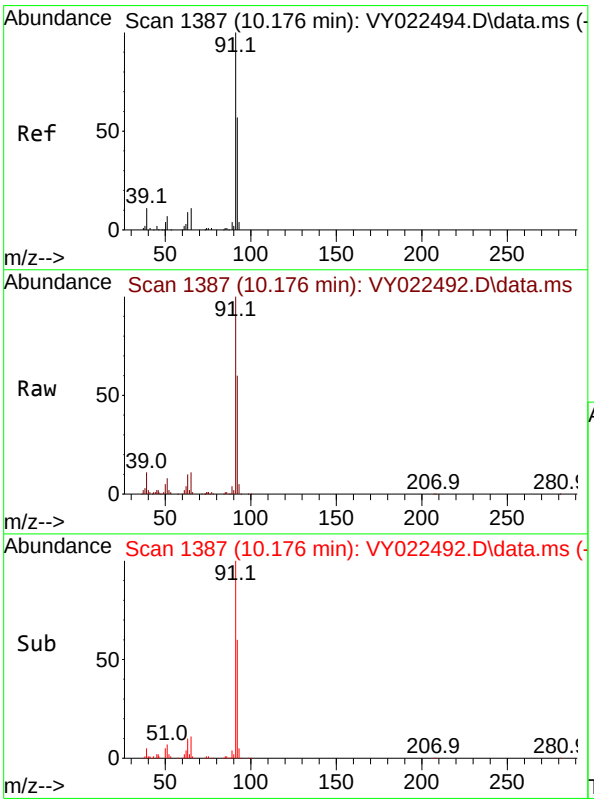
Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

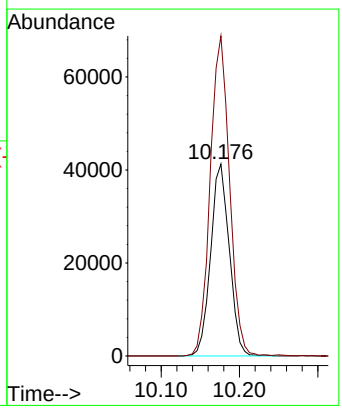
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

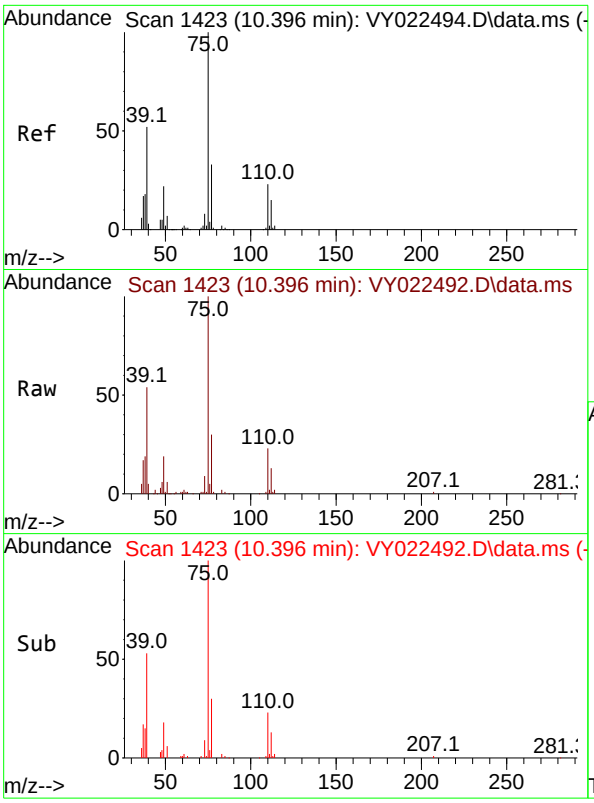


#52
Toluene
Concen: 10.565 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 92 Resp: 68265

Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.0	208.4

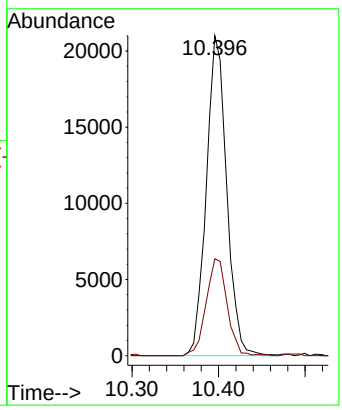




#53
t-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 3430

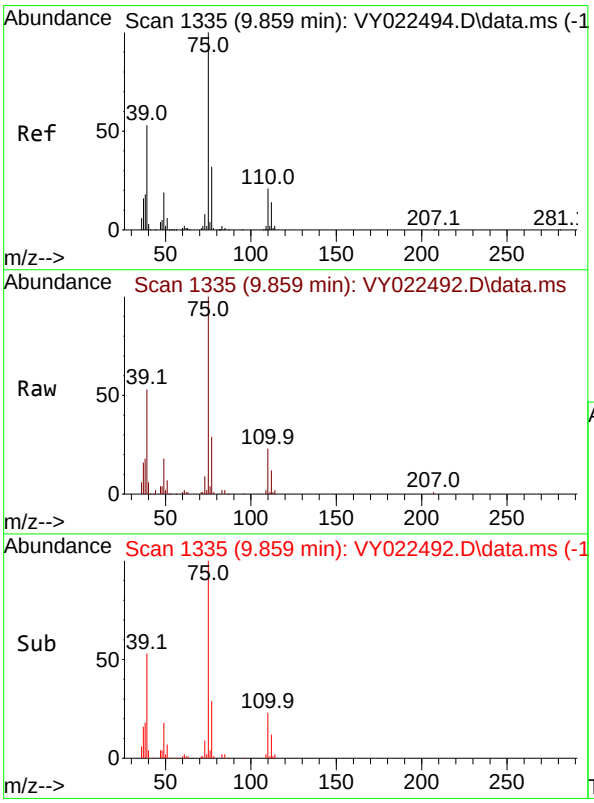
Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

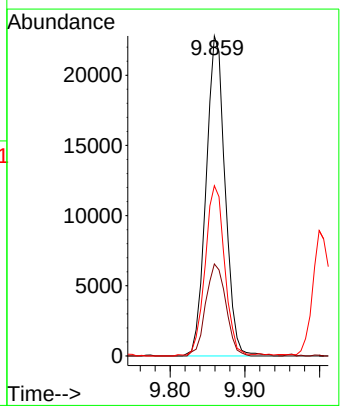
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

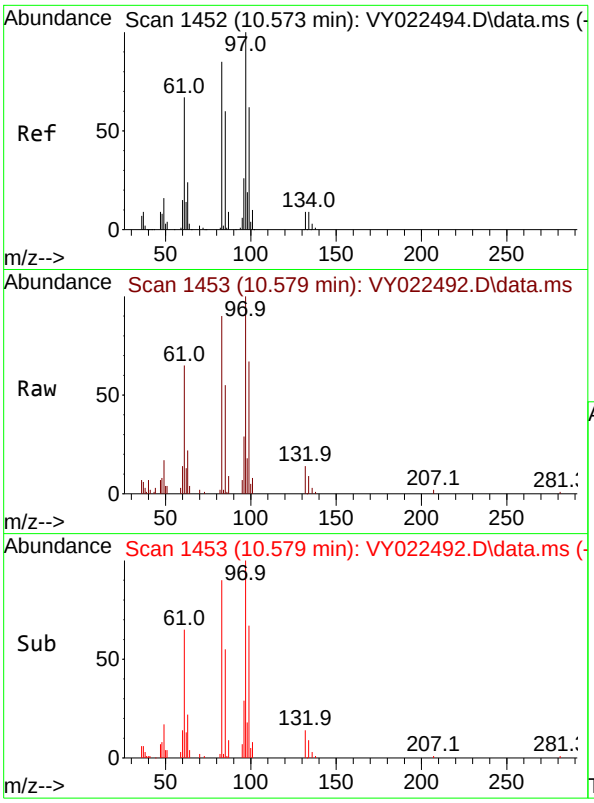


#54
cis-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 40229

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.3	37.9
39	52.8	42.7	64.1

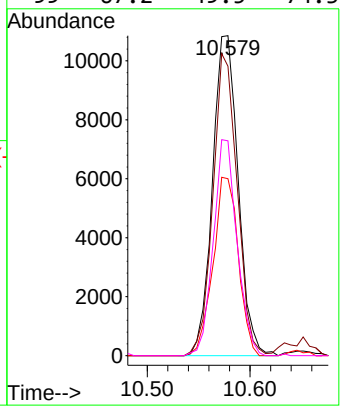




#55
1,1,2-Trichloroethane
Concen: 10.904 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 1884

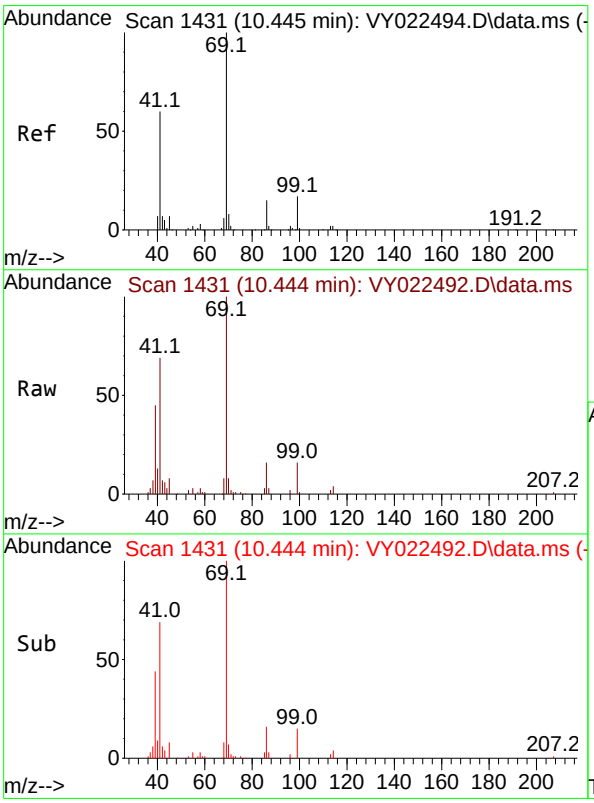
Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.1	102.1
85	55.3	48.2	72.2
99	67.2	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

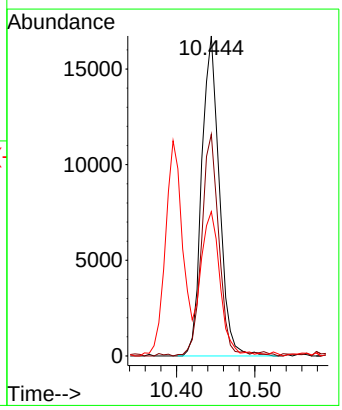
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

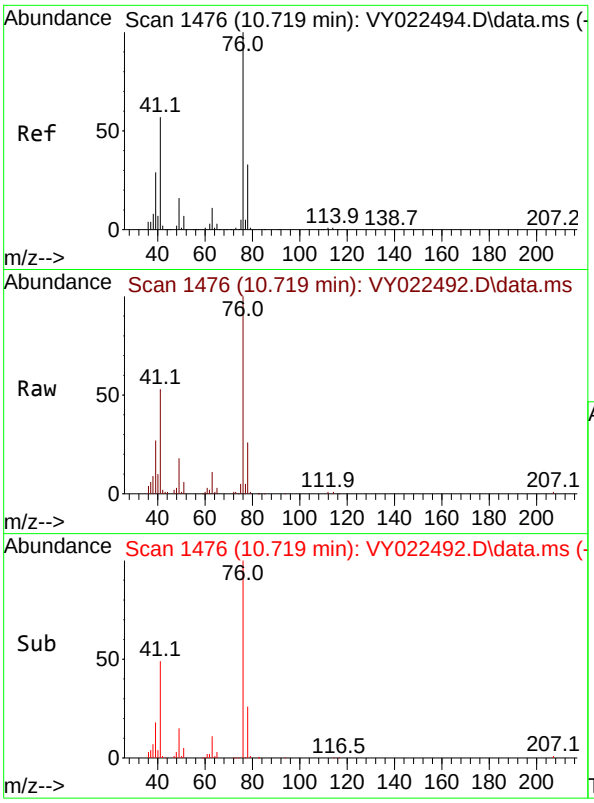


#56
Ethyl methacrylate
Concen: 10.426 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 69 Resp: 26171

Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.2	78.2
39	47.9	36.7	55.1

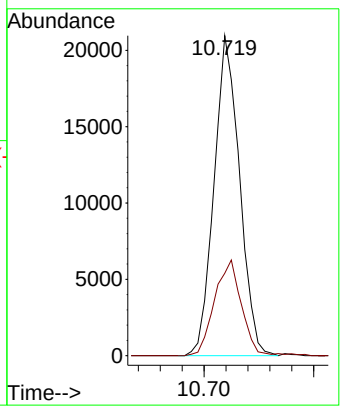




#57
1,3-Dichloropropane
Concen: 10.991 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 76 Resp: 3383(

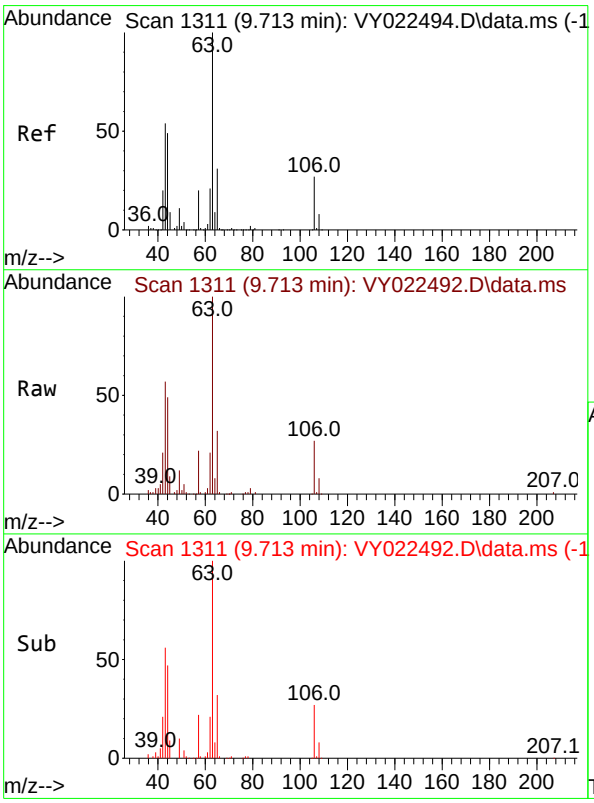
Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

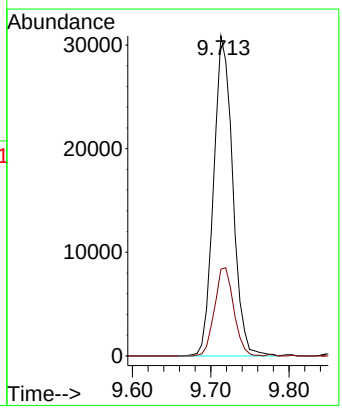
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

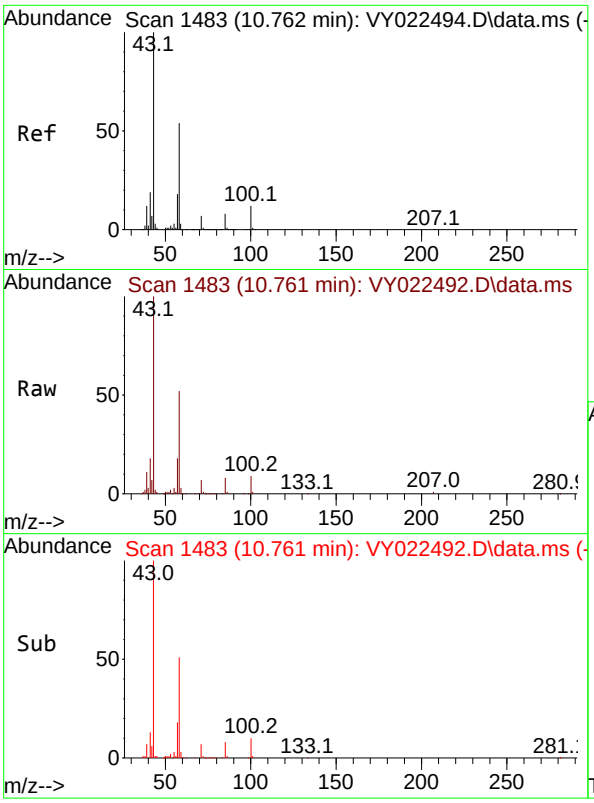


#58
2-Chloroethyl Vinyl ether
Concen: 46.819 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 52396

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.6	32.4





#59
2-Hexanone
Concen: 52.045 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

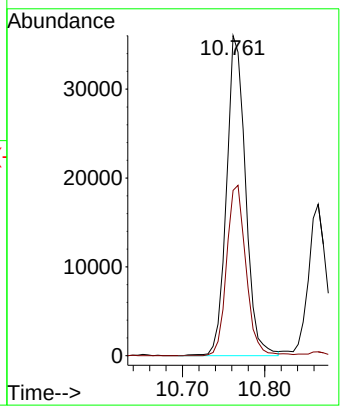
Tgt Ion: 43 Resp: 5773

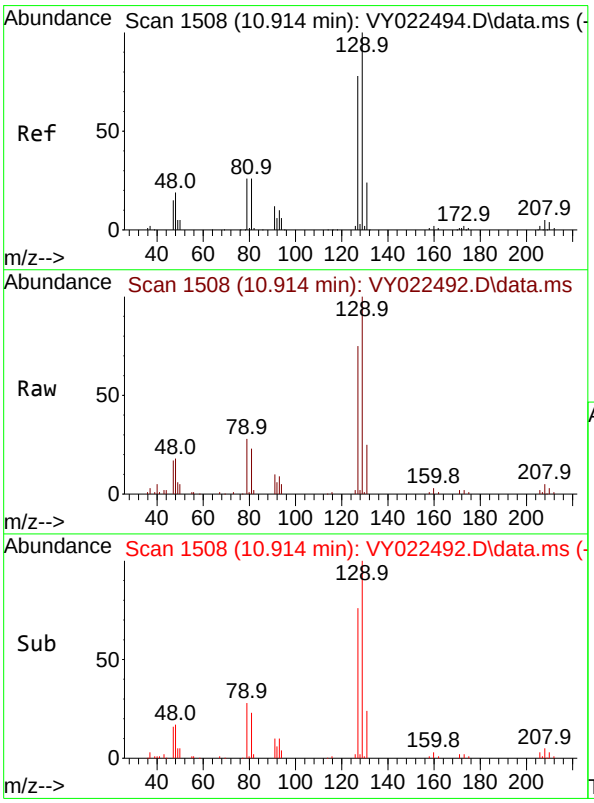
Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

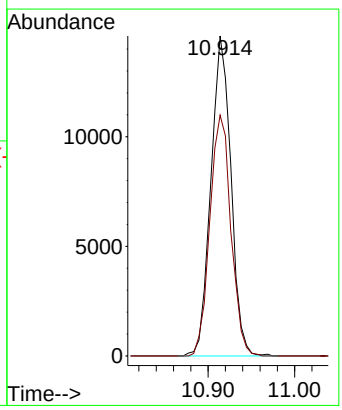


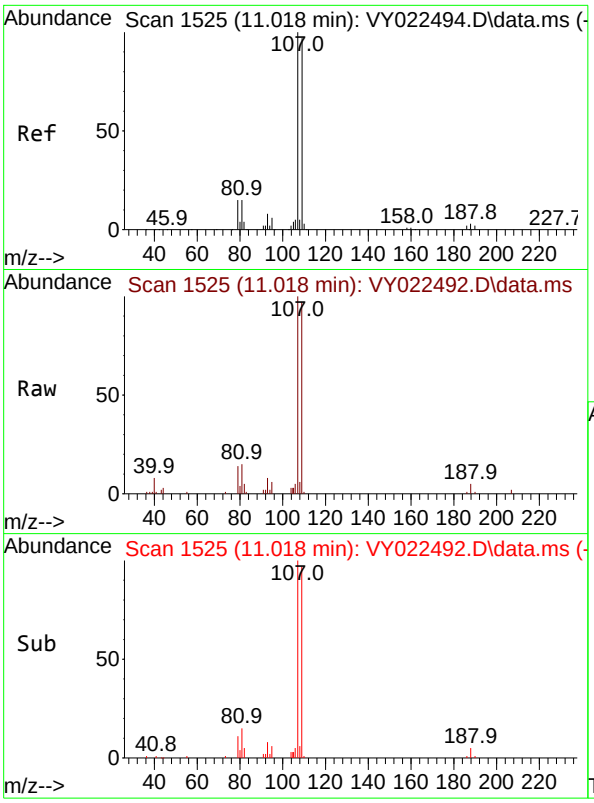


#60
Dibromochloromethane
Concen: 10.694 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:129 Resp: 23423

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2

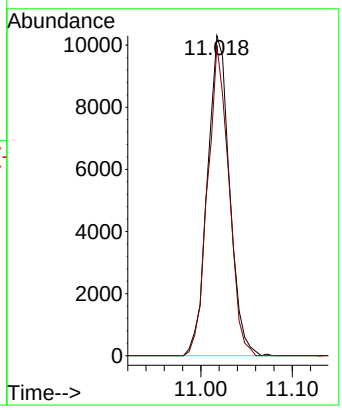




#61
1,2-Dibromoethane
Concen: 10.847 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:107 Resp: 1730

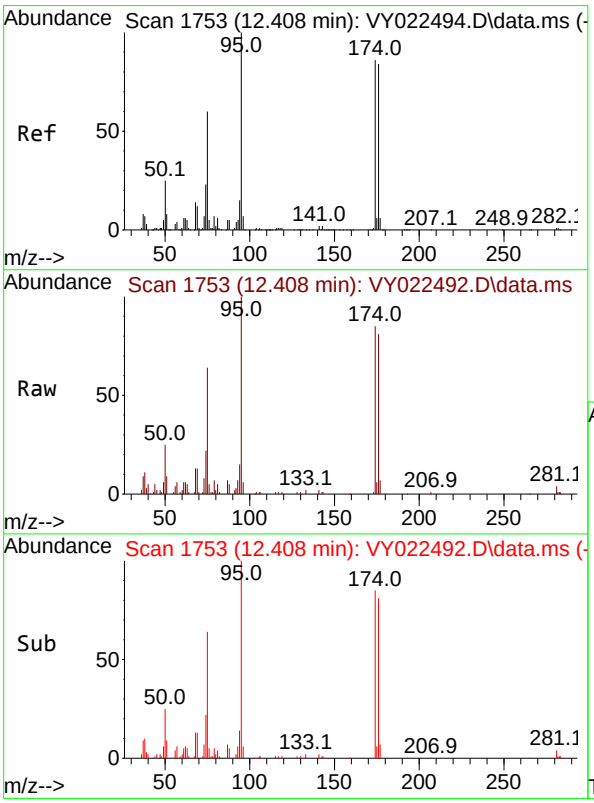
Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

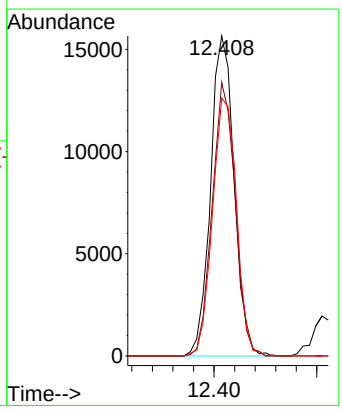
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

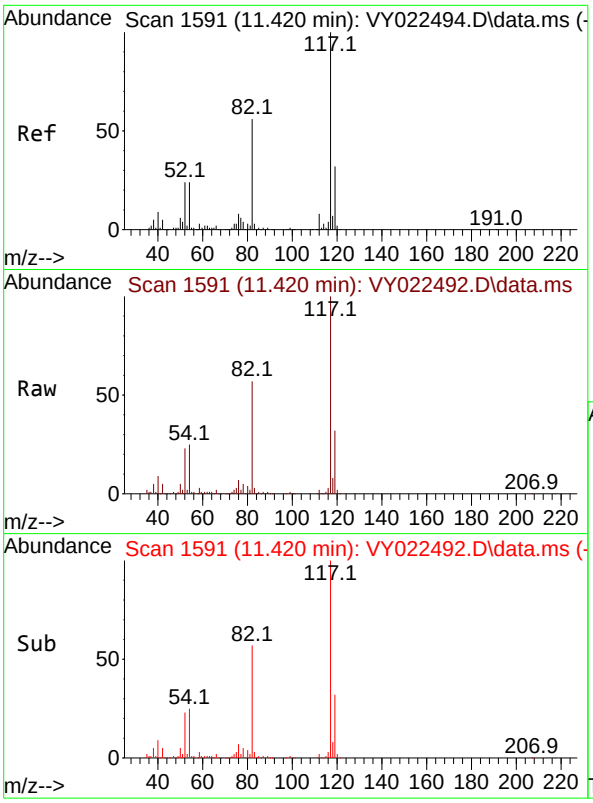


#62
4-Bromofluorobenzene
Concen: 9.409 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 95 Resp: 24870

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.0
176	82.2	0.0	166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

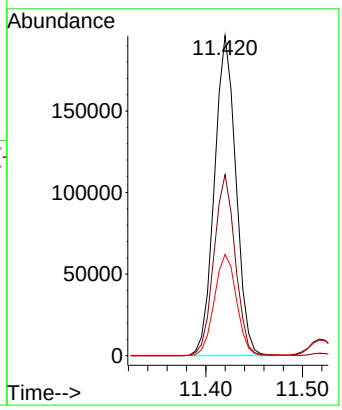
Tgt Ion:117 Resp: 30282

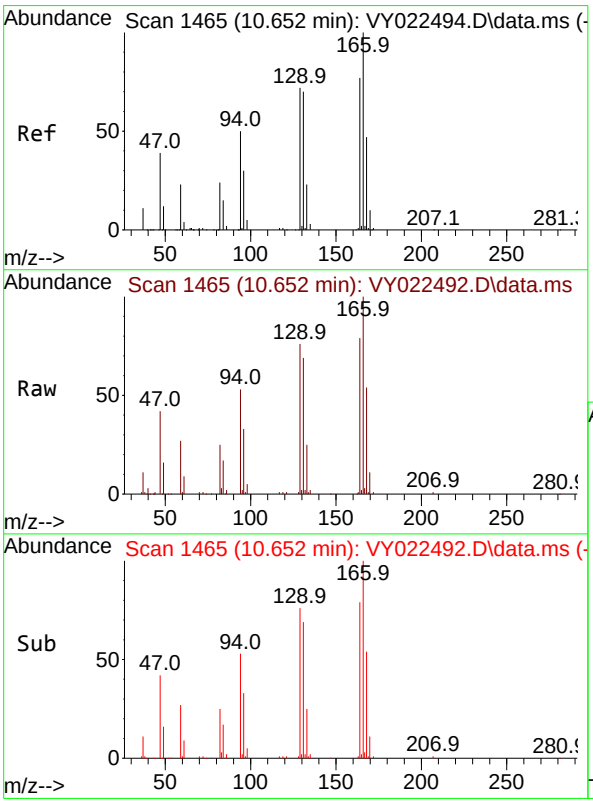
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	31.7	25.4	38.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

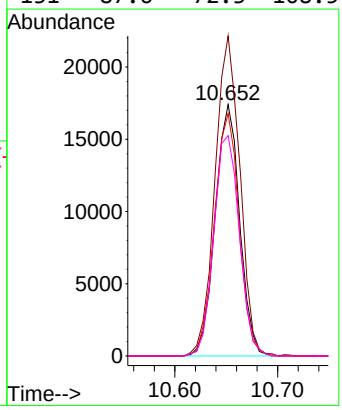


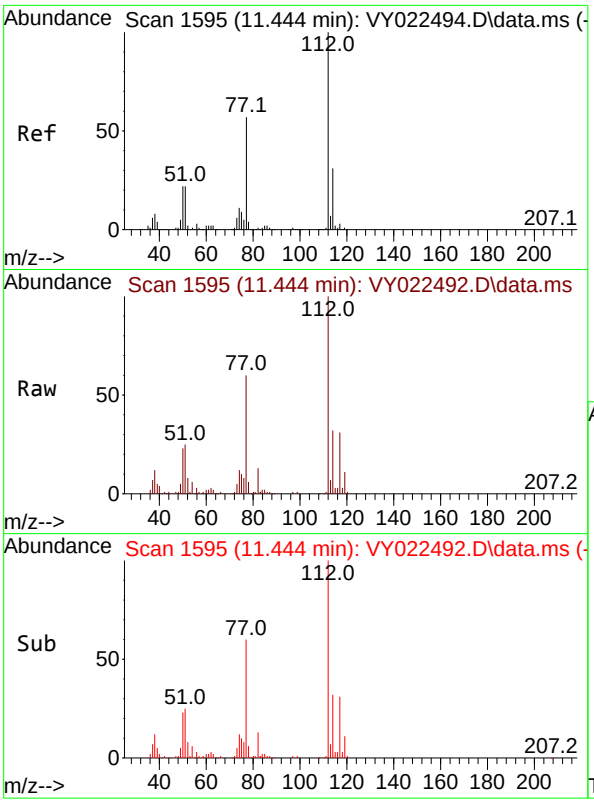


#64
Tetrachloroethene
Concen: 11.144 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:164 Resp: 28680

Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	96.5	74.5	111.7
131	87.6	72.3	108.5





#65
Chlorobenzene
Concen: 10.789 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

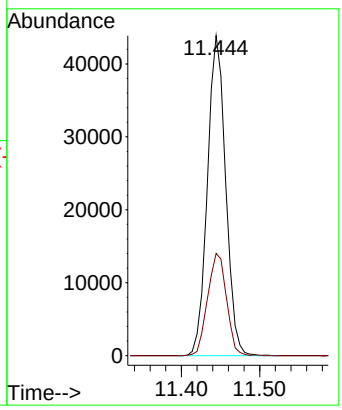
Tgt Ion:112 Resp: 7084

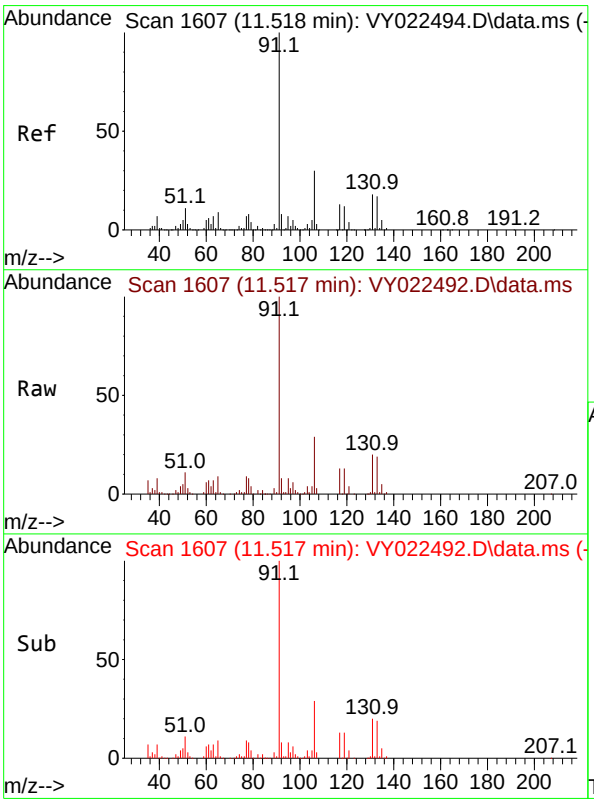
Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

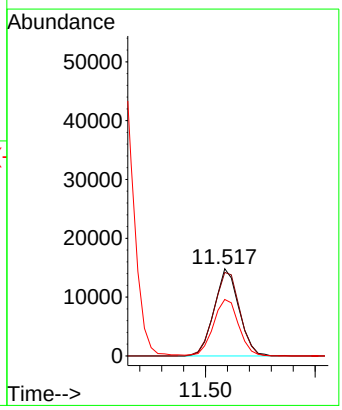


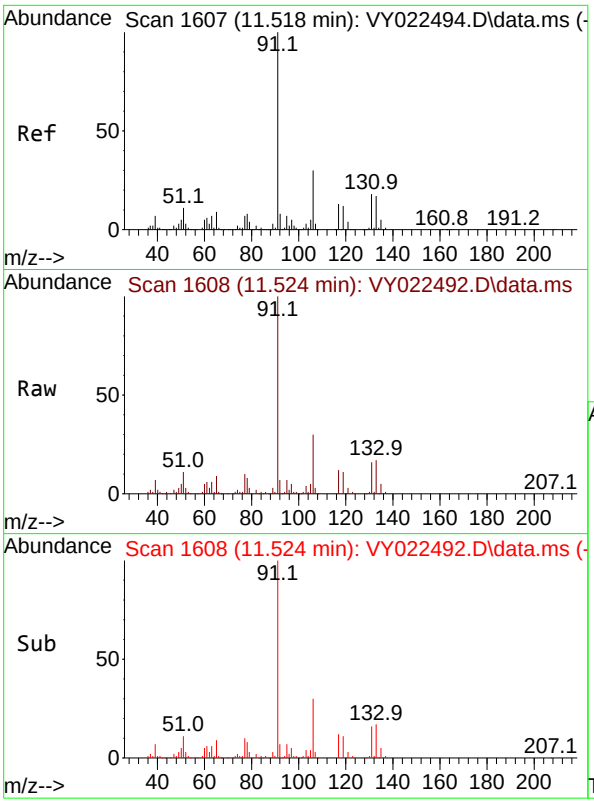


#66
1,1,1,2-Tetrachloroethane
Concen: 10.427 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:131 Resp: 23209

Ion	Ratio	Lower	Upper
131	100		
133	100.5	47.3	141.8
119	66.5	33.1	99.3





#67
Ethyl Benzene
Concen: 10.350 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

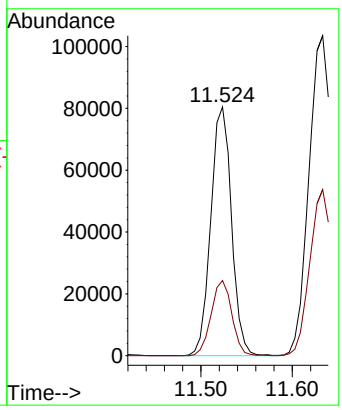
Tgt Ion: 91 Resp: 12655

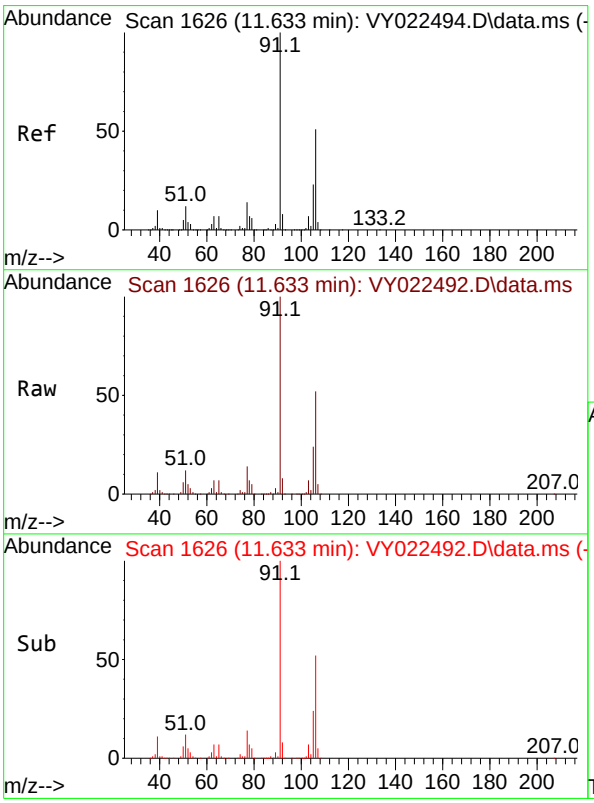
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

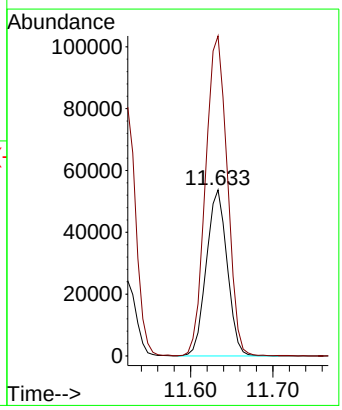


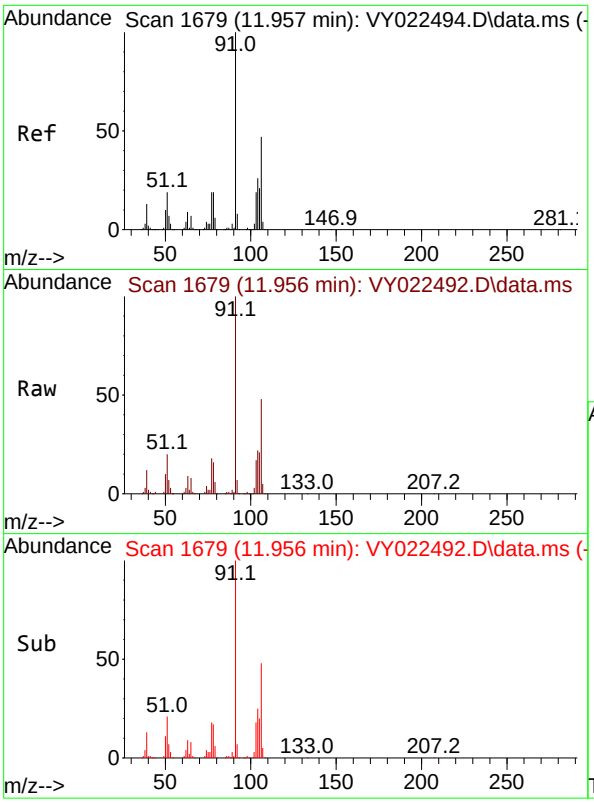


#68
m/p-Xylenes
Concen: 20.427 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:106 Resp: 94535

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0





#69
o-Xylene
Concen: 10.476 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

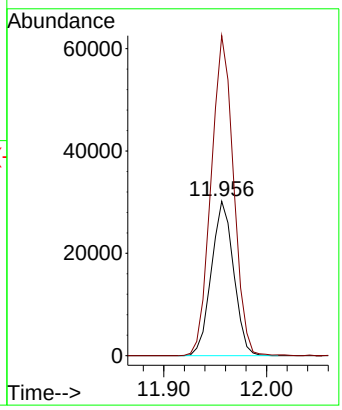
Tgt Ion:106 Resp: 4537

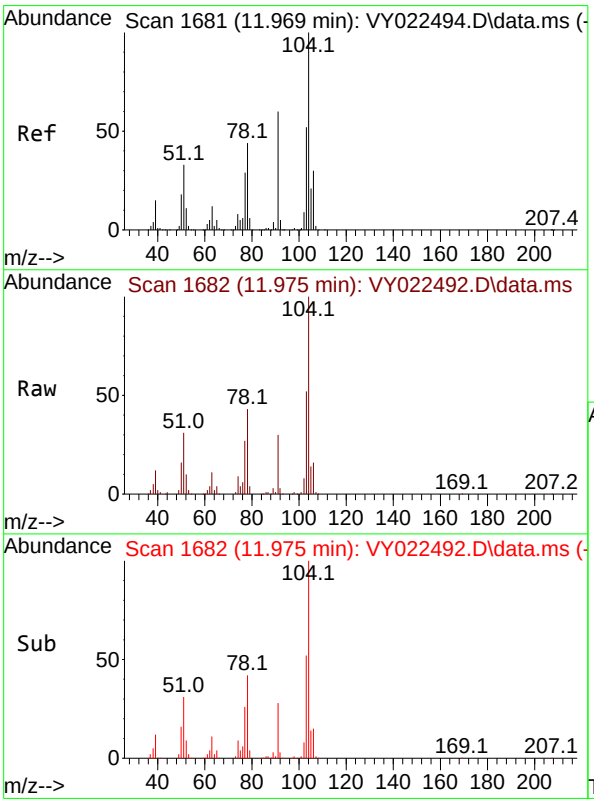
Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

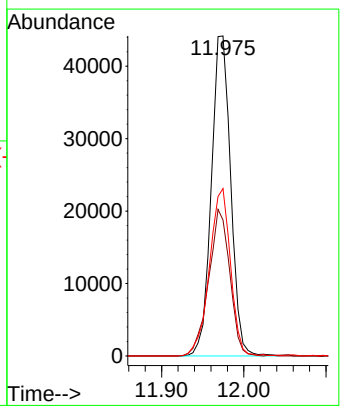


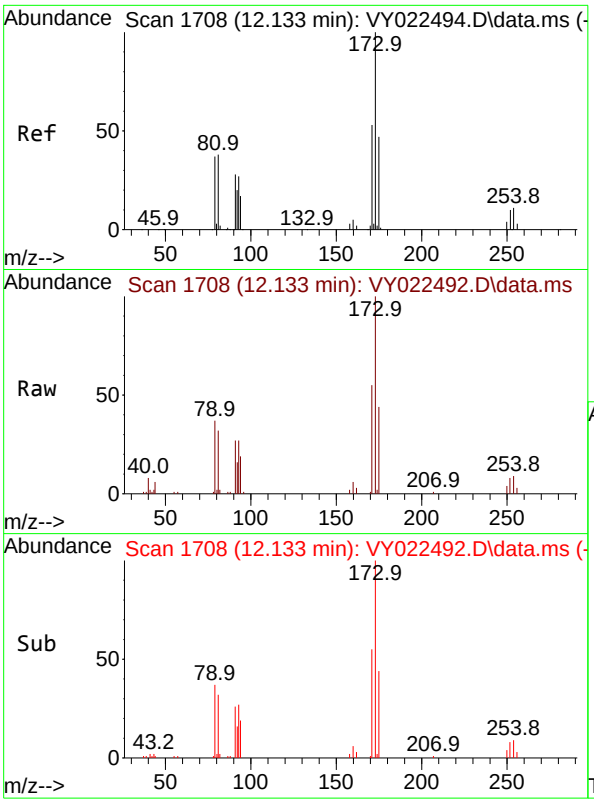


#70
Styrene
Concen: 10.092 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:104 Resp: 72373

Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.5	59.3
103	56.9	44.1	66.1

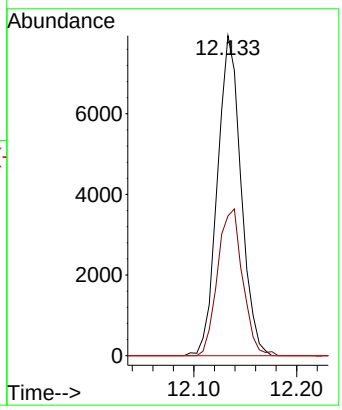




#71
Bromoform
Concen: 10.804 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:173 Resp: 1263

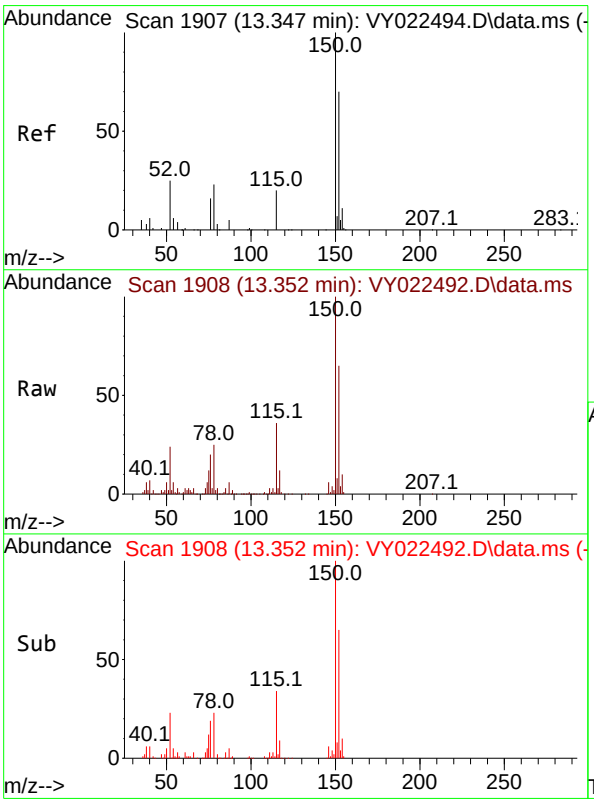
Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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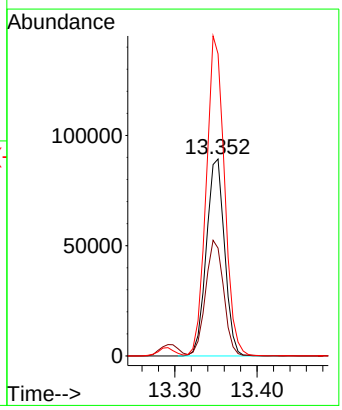
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

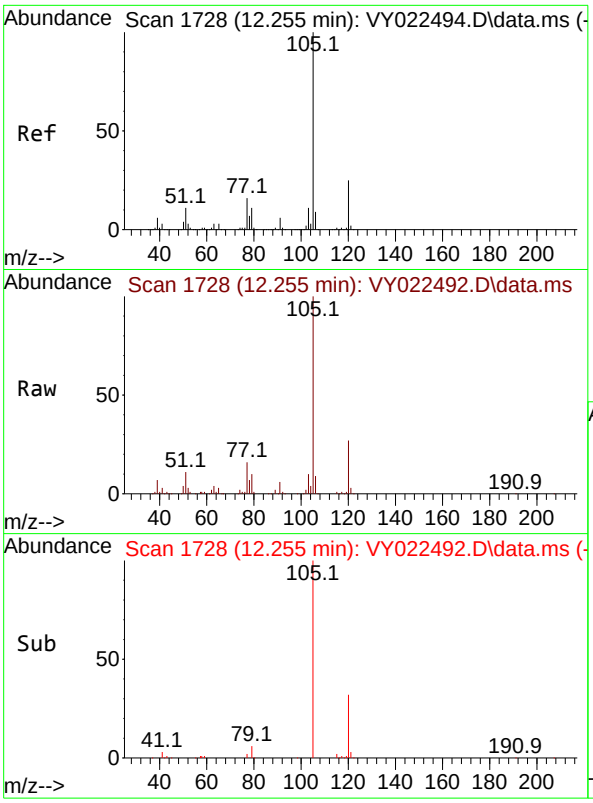


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:152 Resp: 137338

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.7
150	162.7	0.0	349.6

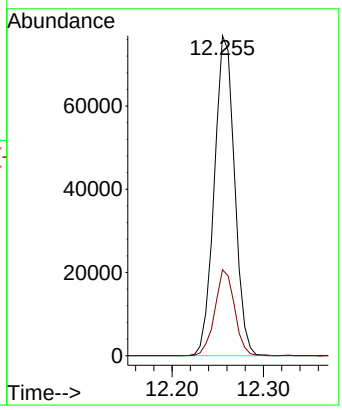




#73
Isopropylbenzene
Concen: 10.695 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 11834

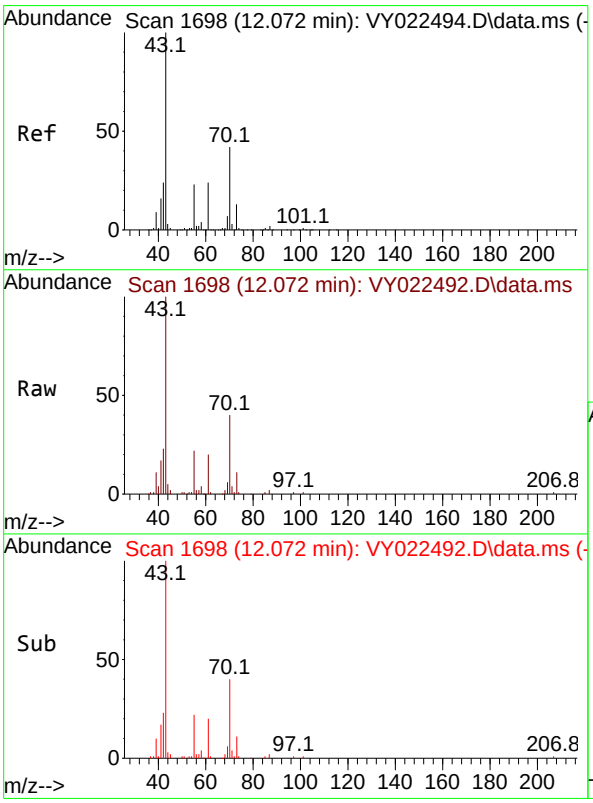
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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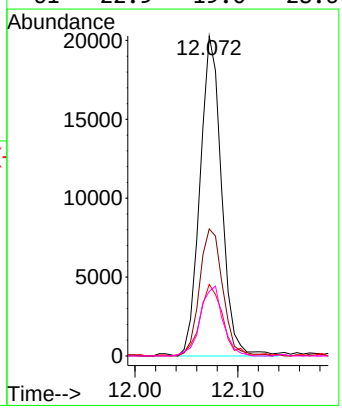
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

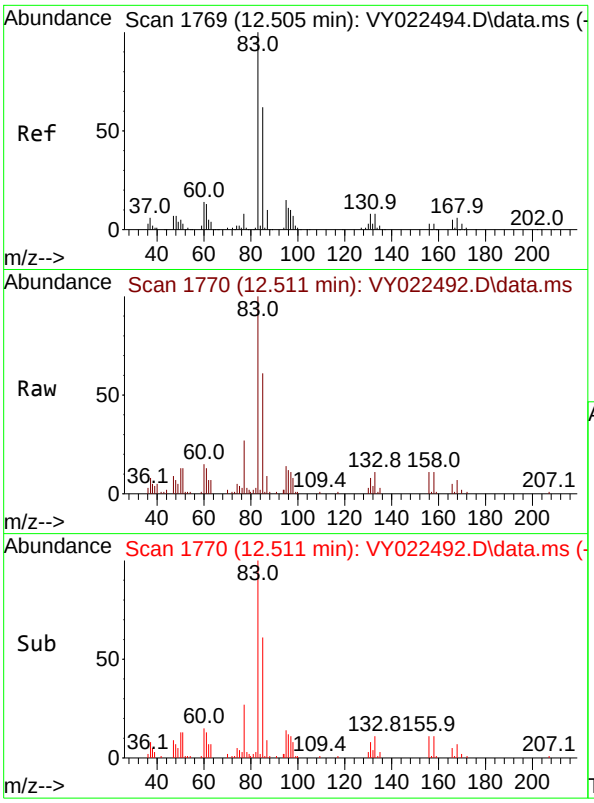


#74
N-amyl acetate
Concen: 10.581 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 29609

Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.2	51.2
55	23.8	18.2	27.4
61	22.9	19.0	28.6

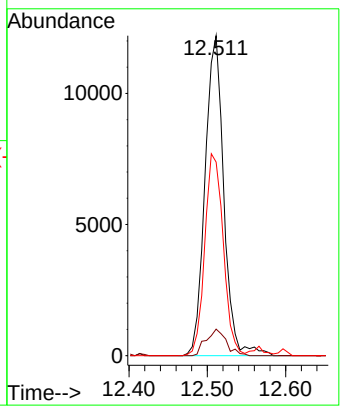




#75
1,1,2,2-Tetrachloroethane
Concen: 11.276 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 2026

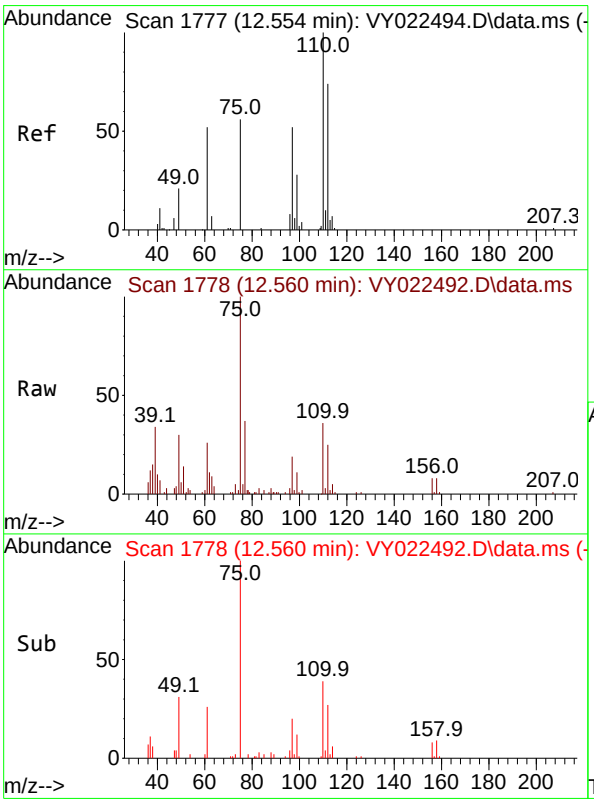
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.7
85	62.2	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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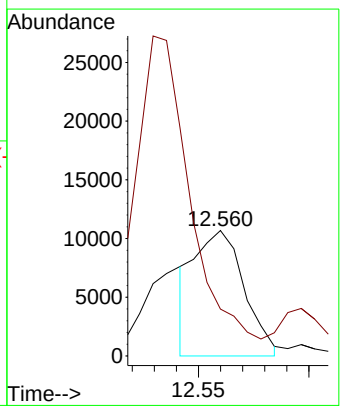
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

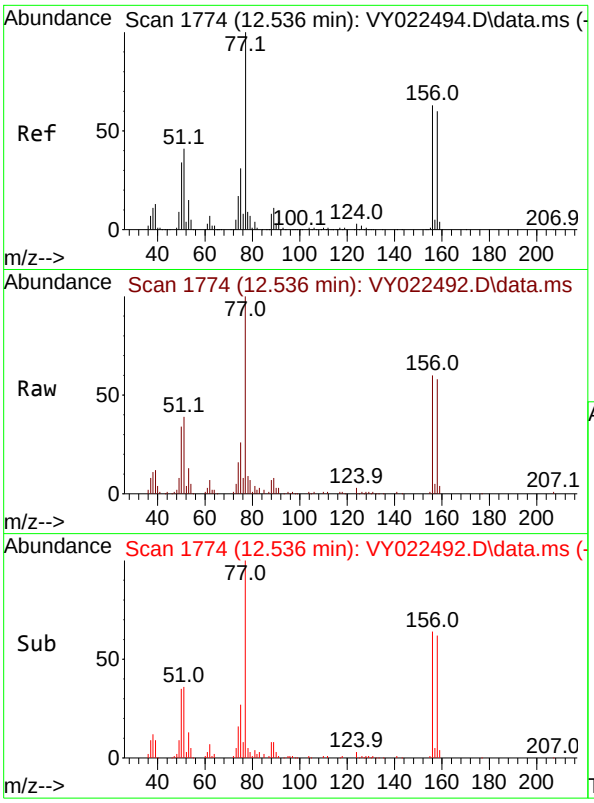


#76
1,2,3-Trichloropropane
Concen: 9.239 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 16751

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 10.827 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

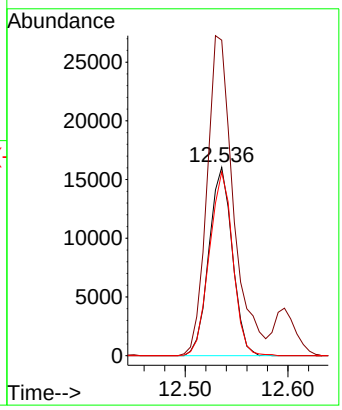
Tgt Ion:156 Resp: 2539

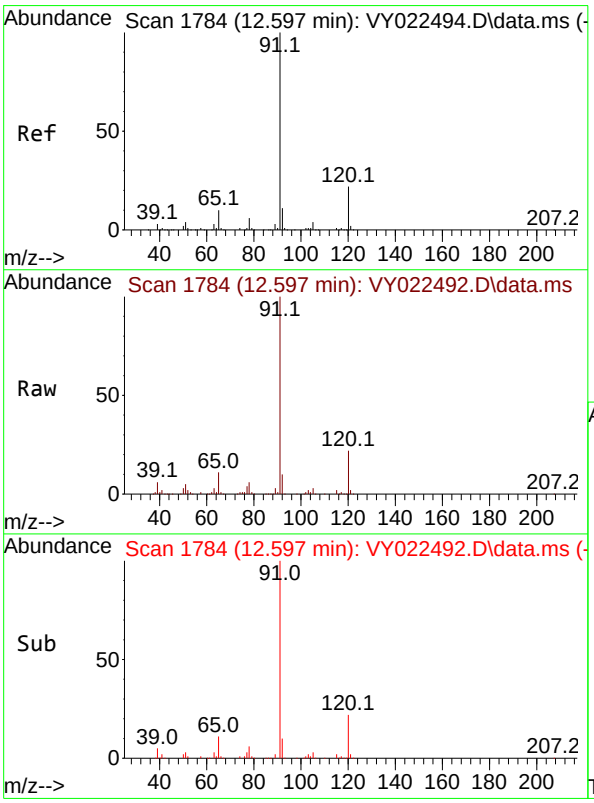
Ion	Ratio	Lower	Upper
156	100		
77	191.7	94.0	282.1
158	97.6	48.2	144.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

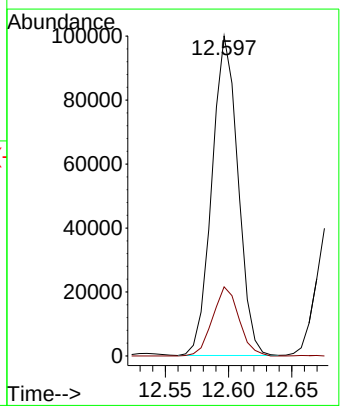


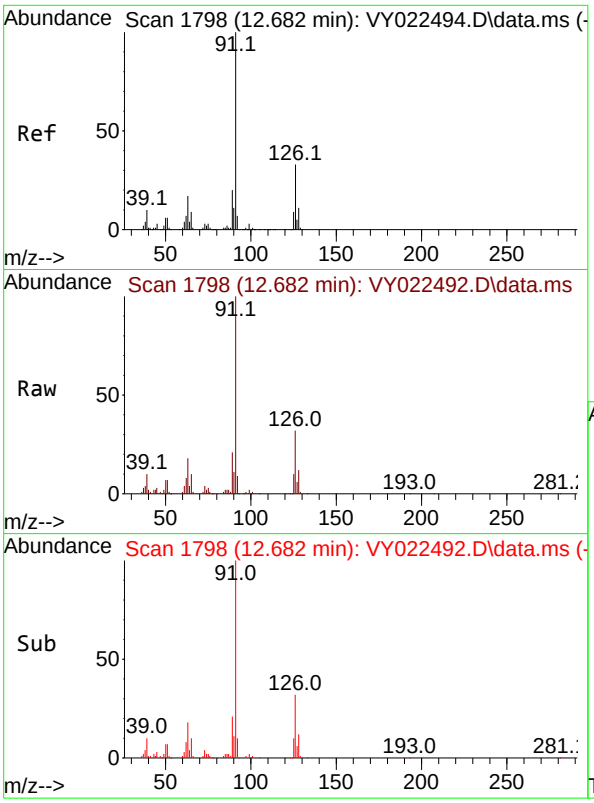


#78
n-propylbenzene
Concen: 10.648 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 143414

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.4





#79
2-Chlorotoluene
Concen: 10.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

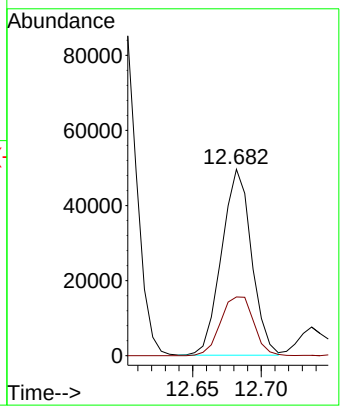
Tgt Ion: 91 Resp: 7532

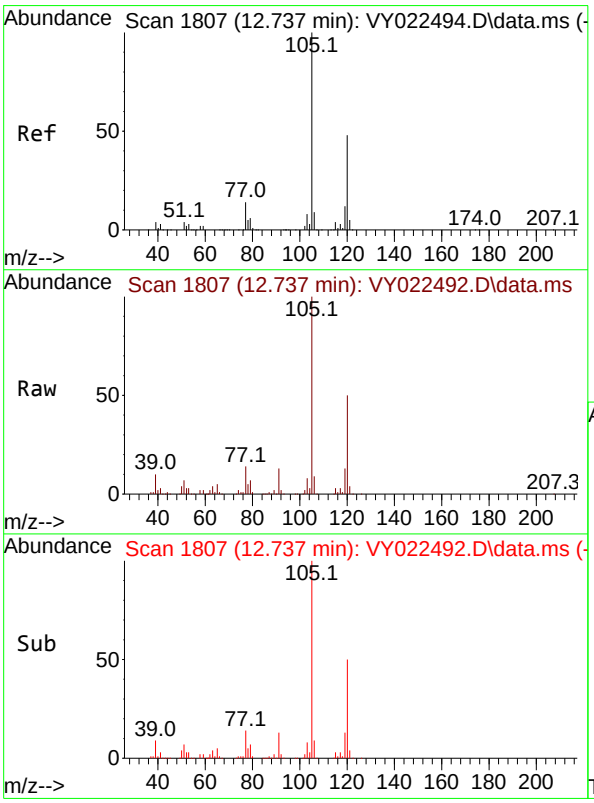
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.0	51.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

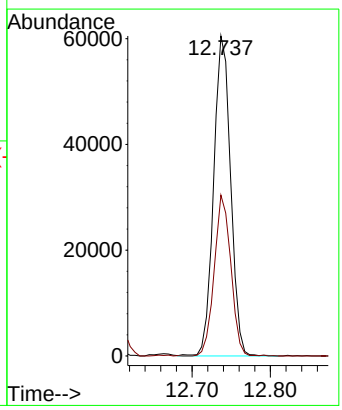


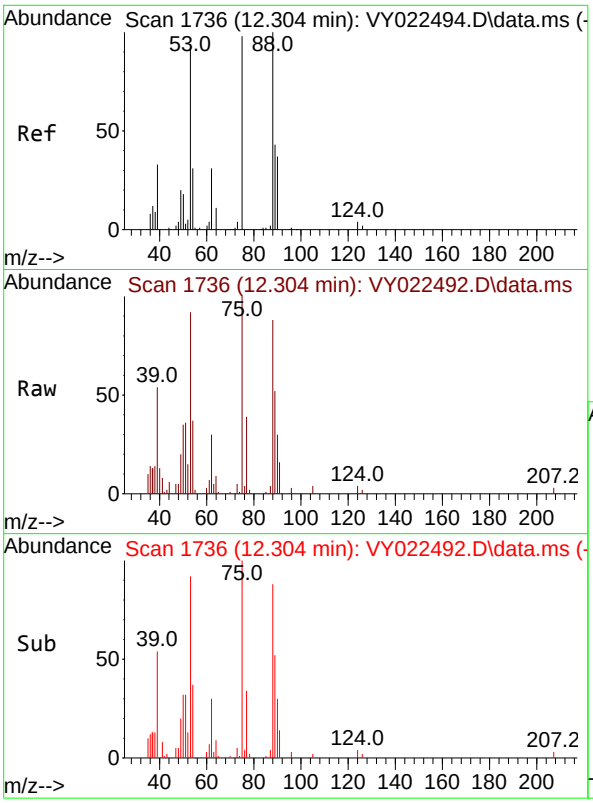


#80
1,3,5-Trimethylbenzene
Concen: 10.532 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 91121

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4

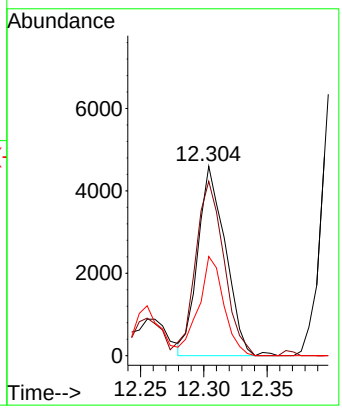




#81
trans-1,4-Dichloro-2-butene
Concen: 11.084 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 700

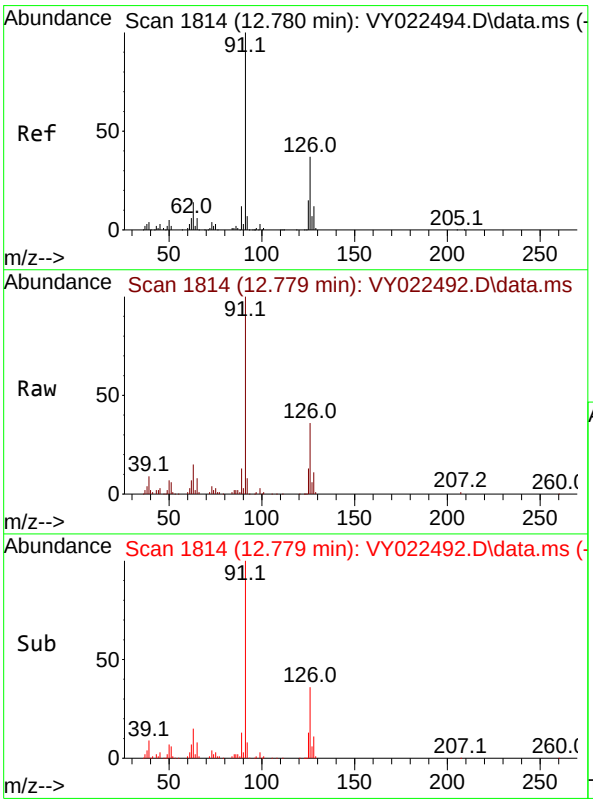
Ion	Ratio	Lower	Upper
75	100		
53	94.7	78.5	117.7
89	47.6	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

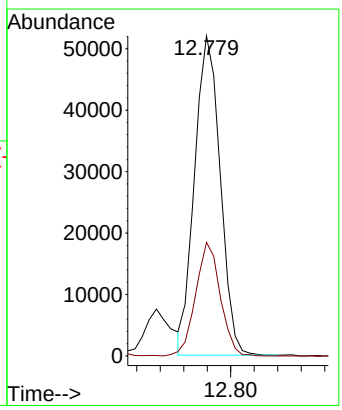
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

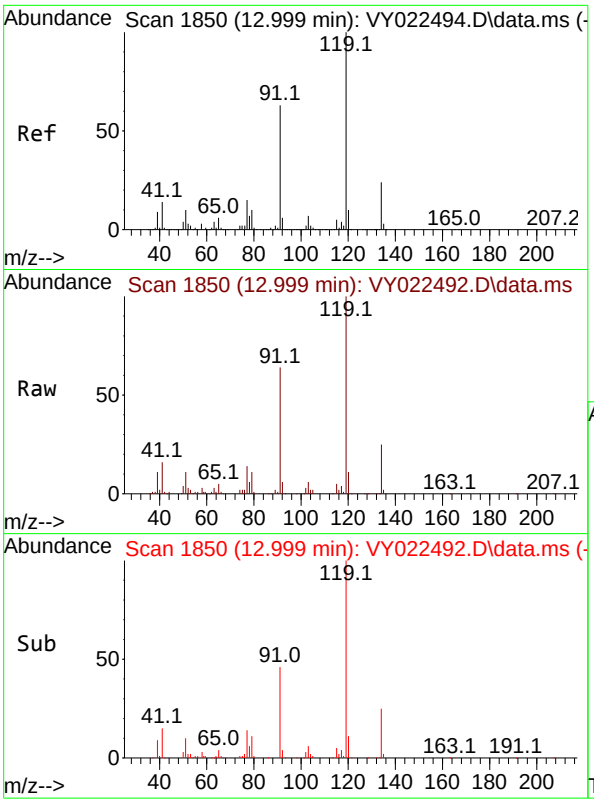


#82
4-Chlorotoluene
Concen: 10.676 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 78689

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9





#83
tert-Butylbenzene
Concen: 10.367 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

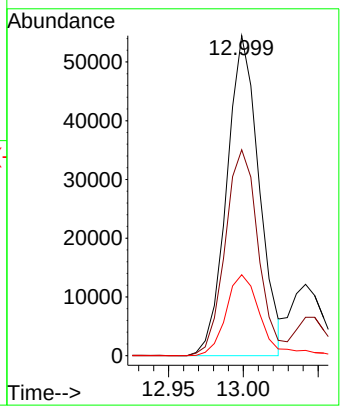
Tgt Ion:119 Resp: 8182

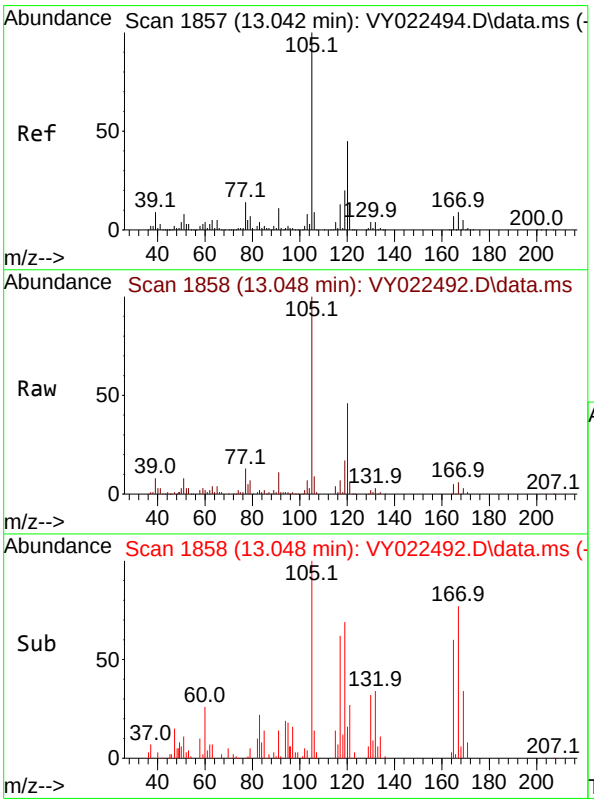
Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.2	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

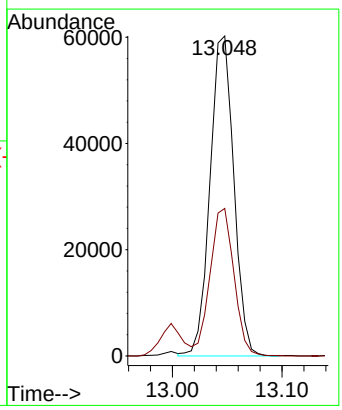


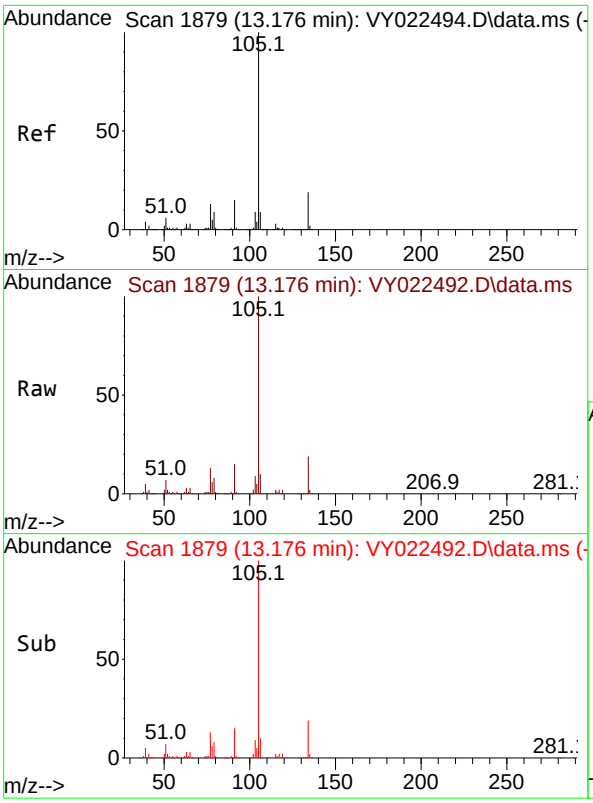


#84
1,2,4-Trimethylbenzene
Concen: 10.495 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 90848

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85
sec-Butylbenzene
Concen: 10.678 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

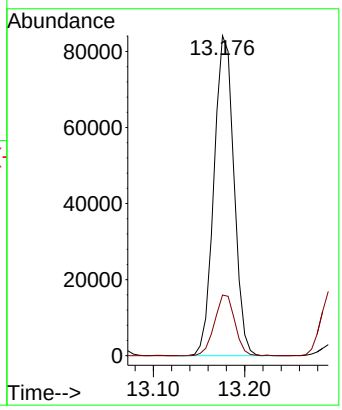
Tgt Ion:105 Resp: 12777

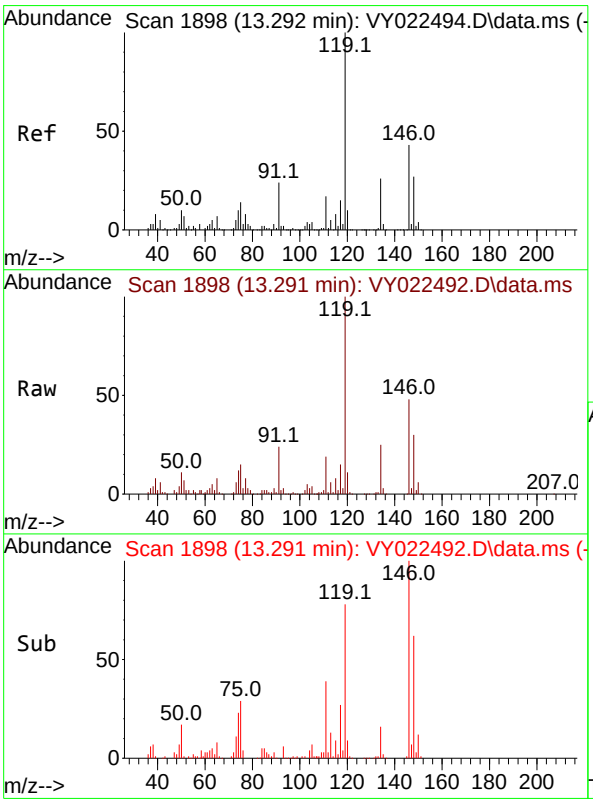
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

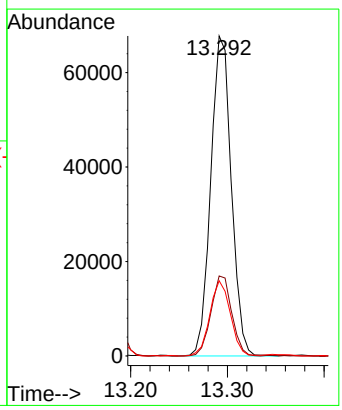


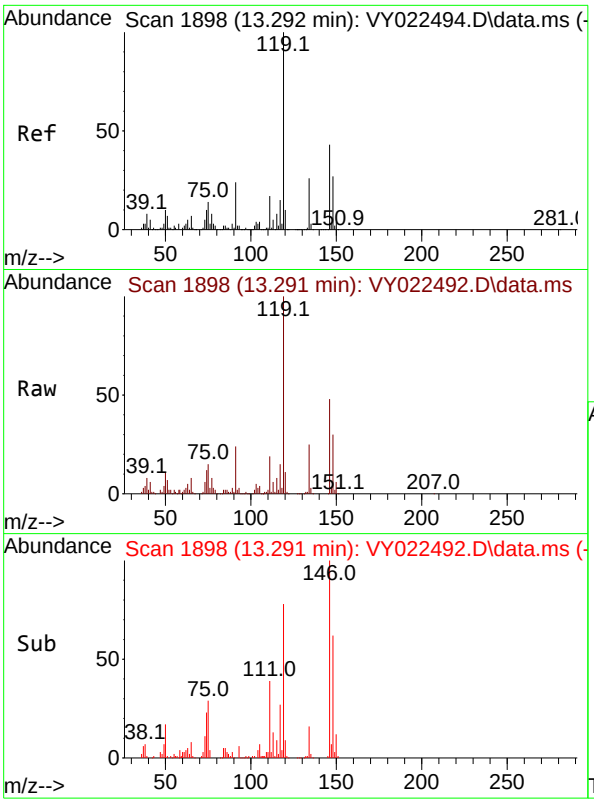


#86
p-Isopropyltoluene
Concen: 10.158 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:119 Resp: 99940

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.1
91	23.5	11.6	34.8

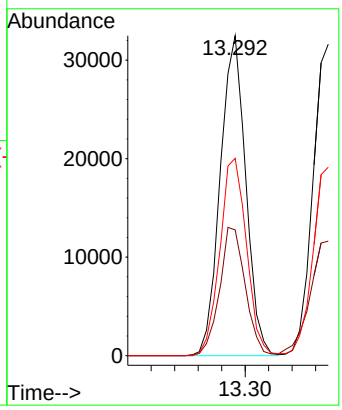




#87
1,3-Dichlorobenzene
Concen: 10.437 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 4897

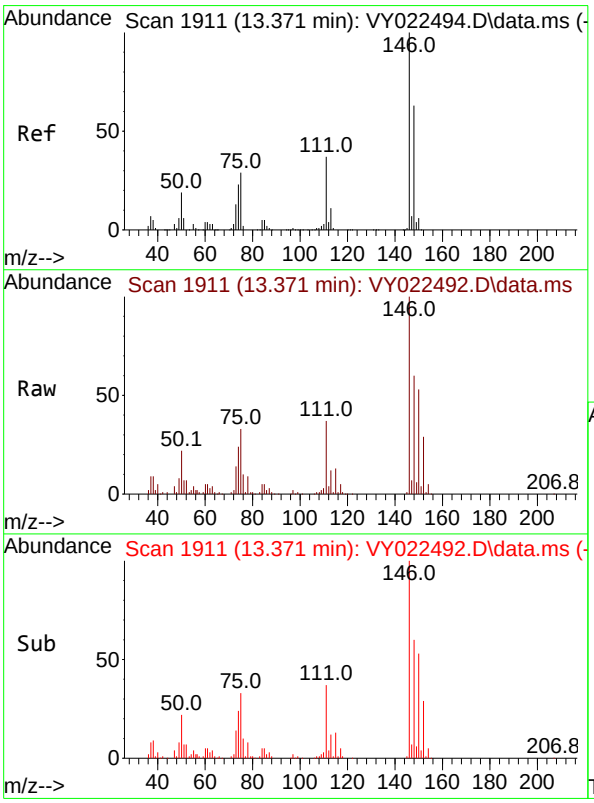
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.6	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

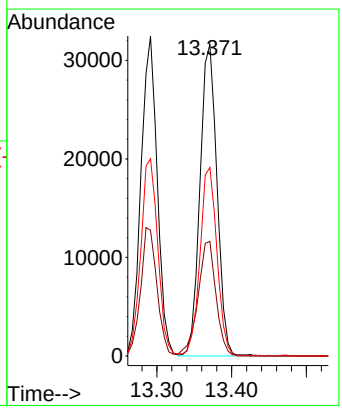
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

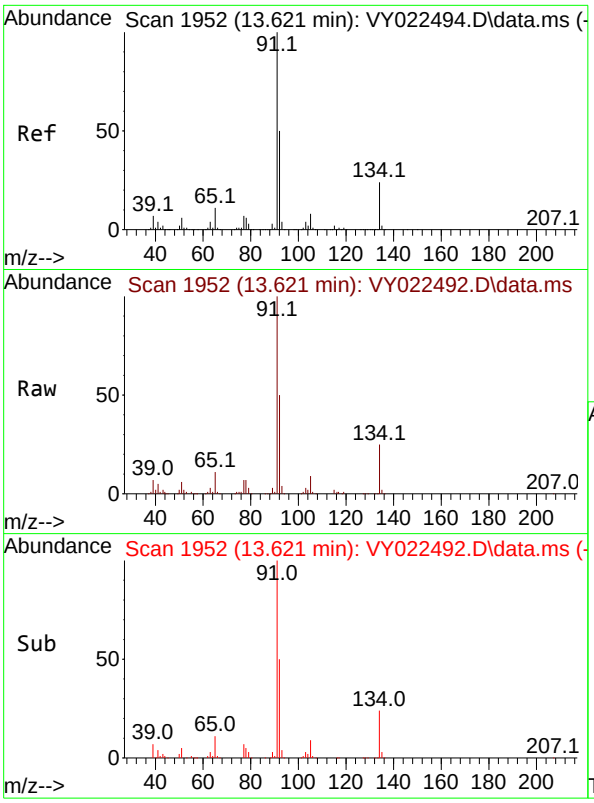


#88
1,4-Dichlorobenzene
Concen: 10.900 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 49834

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	60.6	31.6	94.8

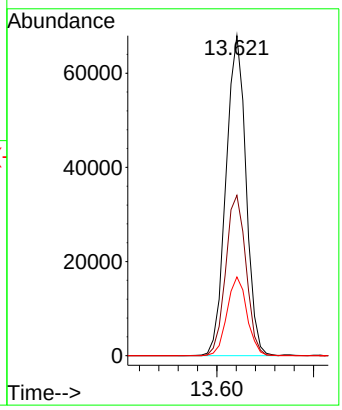




#89
n-Butylbenzene
Concen: 10.413 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 9754

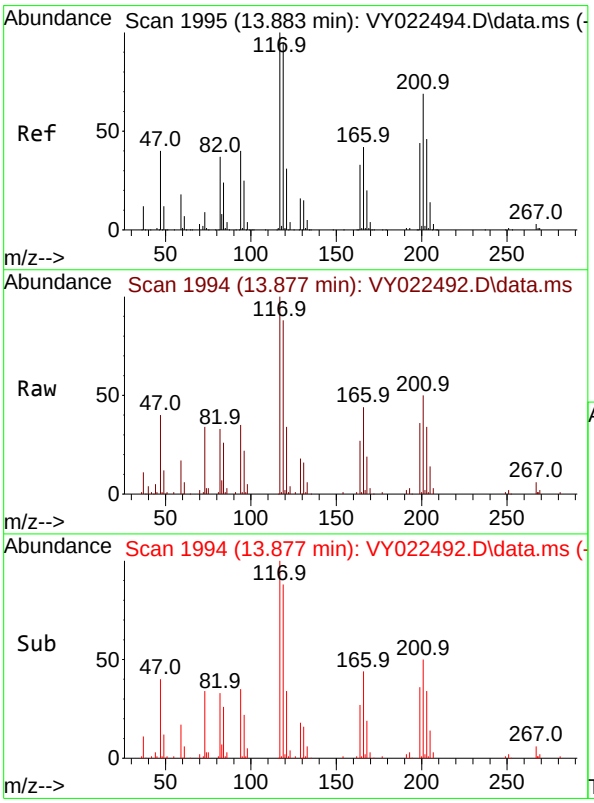
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	24.6	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

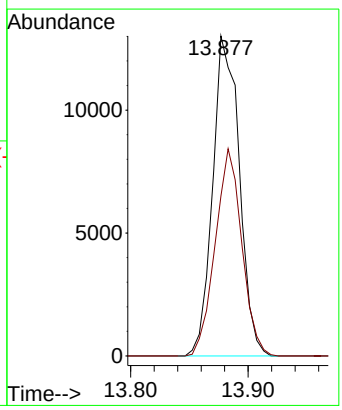
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

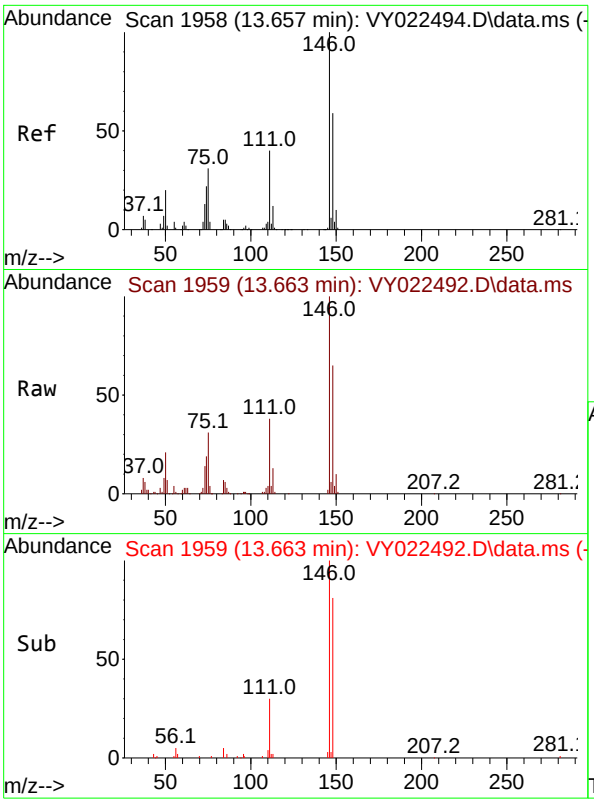


#90
Hexachloroethane
Concen: 10.631 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 20466

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0

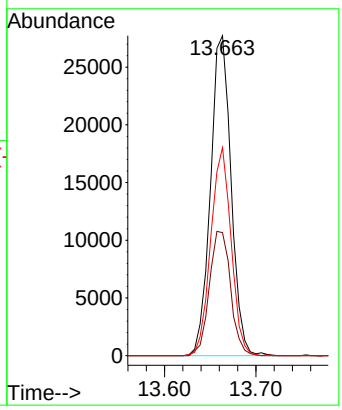




#91
1,2-Dichlorobenzene
Concen: 10.781 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 4346

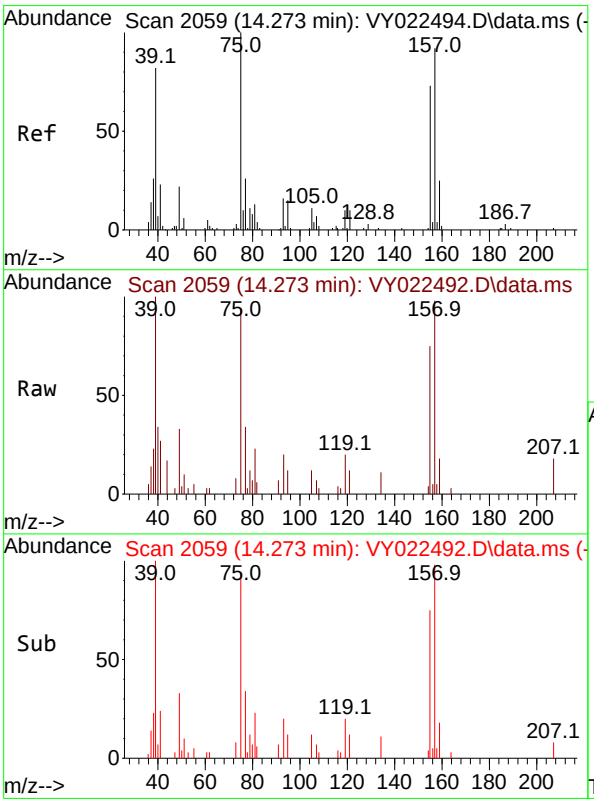
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.0	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

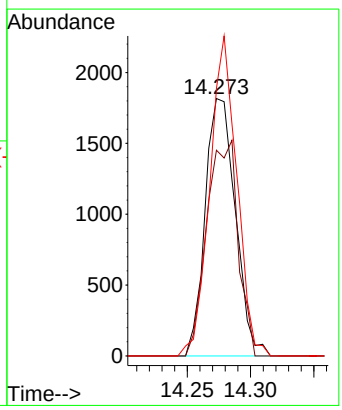
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

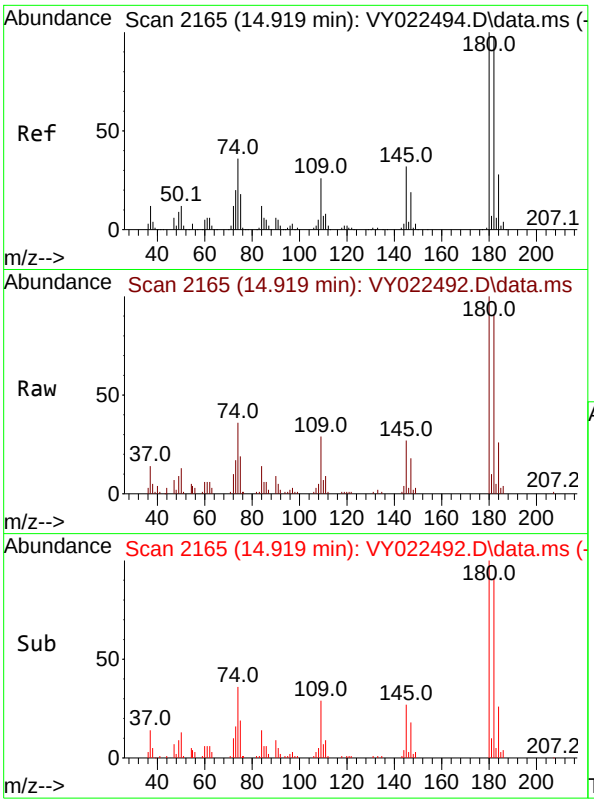


#92
1,2-Dibromo-3-Chloropropane
Concen: 11.095 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 3014

Ion	Ratio	Lower	Upper
75	100		
155	86.2	39.9	119.6
157	111.3	54.0	162.0

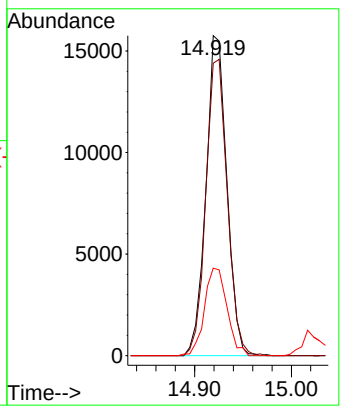




#93
1,2,4-Trichlorobenzene
Concen: 10.760 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 2371

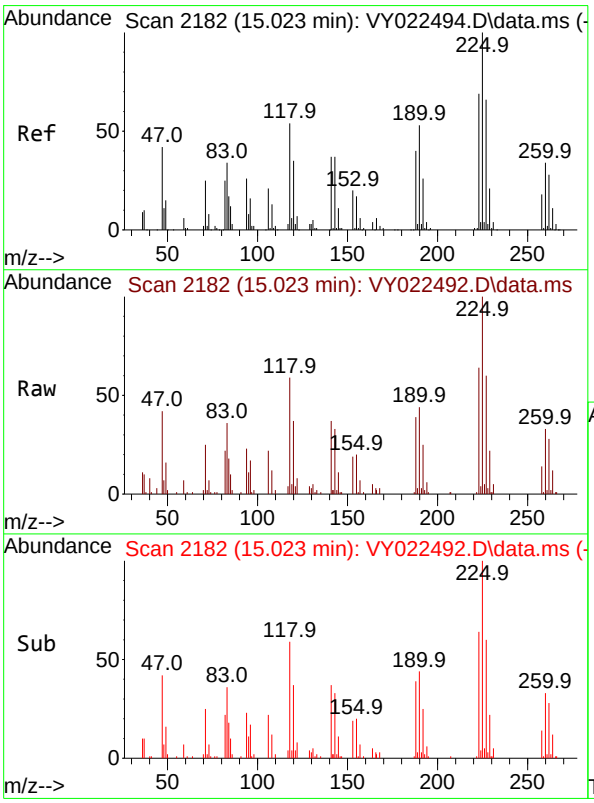
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.3
145	29.5	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

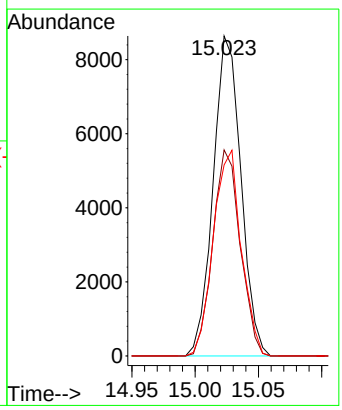
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

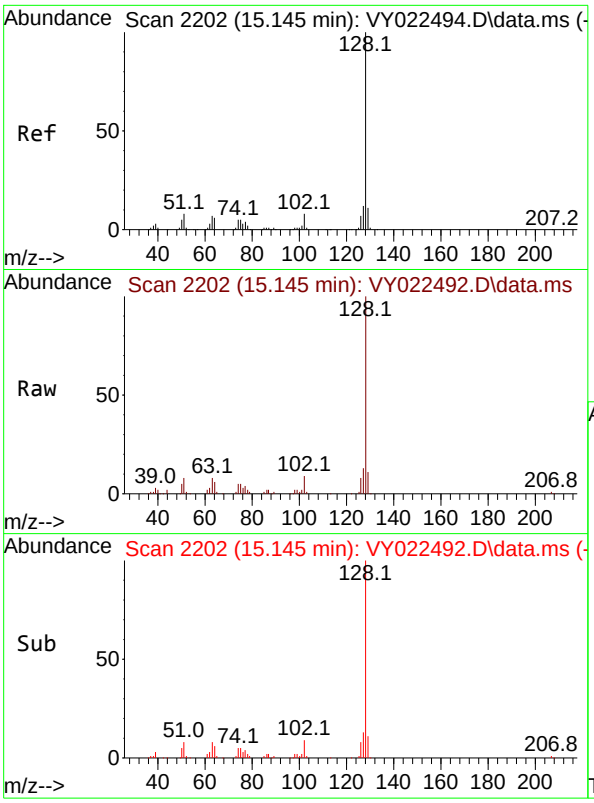


#94
Hexachlorobutadiene
Concen: 10.951 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:225 Resp: 13179

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	64.7	32.3	96.9

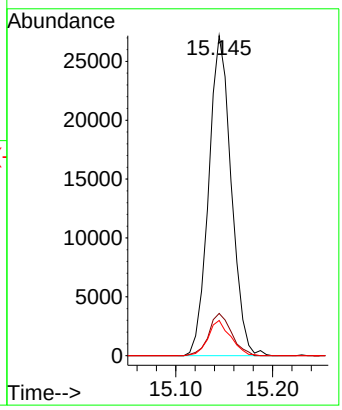




#95
Naphthalene
Concen: 10.434 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:128 Resp: 4406

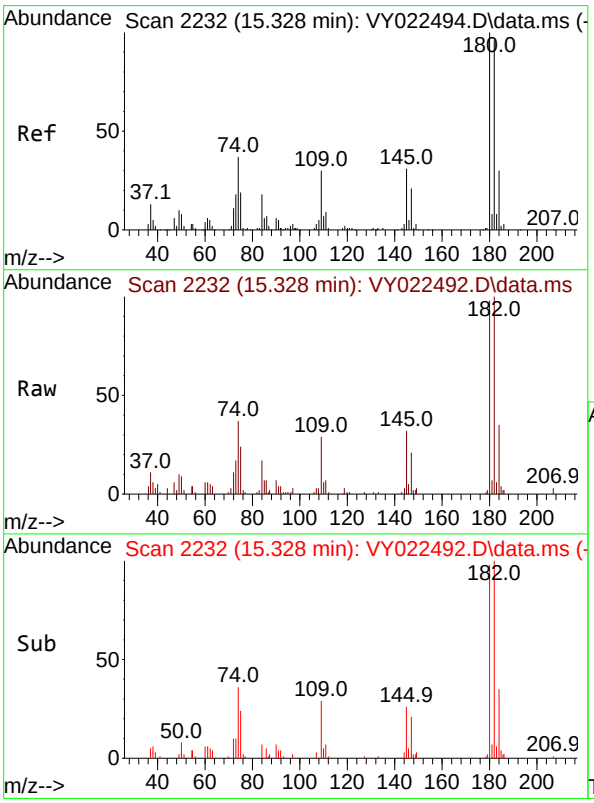
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

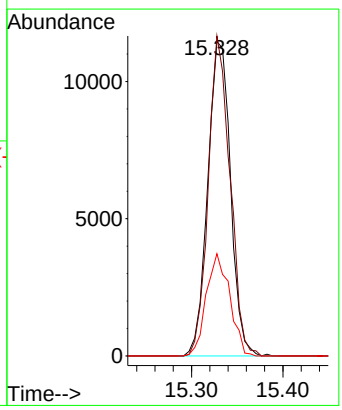
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 10.581 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 19814

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.3
145	33.5	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	217359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48383	20.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.920%#		
35) Dibromofluoromethane	7.640	113	44482	20.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.920%#		
50) Toluene-d8	10.109	98	171165	19.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	12.408	95	51231	19.225	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43056	22.669	ug/l	99
3) Chloromethane	2.068	50	124441	22.209	ug/l	98
4) Vinyl Chloride	2.208	62	143182	21.833	ug/l	99
5) Bromomethane	2.592	94	148203	23.891	ug/l	99
6) Chloroethane	2.739	64	104116	23.188	ug/l	98
7) Trichlorofluoromethane	3.056	101	124370	22.320	ug/l	94
8) Diethyl Ether	3.458	74	27359	22.230	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49746	21.283	ug/l	99
10) Methyl Iodide	4.013	142	52917	21.112	ug/l	99
11) Tert butyl alcohol	4.891	59	19456	115.163	ug/l	96
12) 1,1-Dichloroethene	3.793	96	47770	21.411	ug/l	100
13) Acrolein	3.659	56	22974	111.404	ug/l	98
14) Allyl chloride	4.391	41	73926	21.263	ug/l	98
15) Acrylonitrile	5.073	53	57803	110.420	ug/l	97
16) Acetone	3.885	43	52330	111.925	ug/l	99
17) Carbon Disulfide	4.110	76	150515	21.130	ug/l	99
18) Methyl Acetate	4.397	43	34419	24.470	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	136549	21.935	ug/l	98
20) Methylene Chloride	4.622	84	55399	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	53194	21.342	ug/l	93
22) Diisopropyl ether	6.031	45	168064	21.739	ug/l	97
23) Vinyl Acetate	5.970	43	497937	108.569	ug/l	99
24) 1,1-Dichloroethane	5.927	63	97760	21.392	ug/l	97
25) 2-Butanone	6.902	43	77329	112.124	ug/l	93
26) 2,2-Dichloropropane	6.890	77	84543	20.811	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	61362	21.300	ug/l	98
28) Bromochloromethane	7.256	49	41634	21.085	ug/l	99
29) Tetrahydrofuran	7.268	42	49517	111.296	ug/l	99
30) Chloroform	7.427	83	96414	21.350	ug/l	96
31) Cyclohexane	7.707	56	95487	20.762	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	84365	20.905	ug/l	99
36) 1,1-Dichloropropene	7.841	75	72658	20.670	ug/l	98
37) Ethyl Acetate	6.988	43	34204	22.110	ug/l	98
38) Carbon Tetrachloride	7.823	117	73370	20.247	ug/l	93
39) Methylcyclohexane	9.115	83	95280	20.065	ug/l	97
40) Benzene	8.085	78	217595	21.000	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	19470	19.542	ug/l		95
42) 1,2-Dichloroethane	8.164	62	61097	21.676	ug/l		98
43) Isopropyl Acetate	8.201	43	73745	21.814	ug/l		97
44) Trichloroethene	8.872	130	52175	20.613	ug/l		98
45) 1,2-Dichloropropane	9.146	63	52378	21.204	ug/l		99
46) Dibromomethane	9.237	93	29741	21.491	ug/l		99
47) Bromodichloromethane	9.426	83	73717	20.995	ug/l		99
48) Methyl methacrylate	9.225	41	34508	22.294	ug/l		99
49) 1,4-Dioxane	9.237	88	7444	450.895	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	181461	108.147	ug/l		98
52) Toluene	10.176	92	133601	20.508	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	70358	21.660	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	80524	21.141	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	38079	21.849	ug/l		98
56) Ethyl methacrylate	10.444	69	54734	21.626	ug/l		99
57) 1,3-Dichloropropane	10.719	76	66163	21.317	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	118244	104.797	ug/l		100
59) 2-Hexanone	10.761	43	122817	109.805	ug/l		99
60) Dibromochloromethane	10.914	129	47952	21.715	ug/l		98
61) 1,2-Dibromoethane	11.018	107	35324	21.965	ug/l		95
64) Tetrachloroethene	10.652	164	56256	21.063	ug/l		99
65) Chlorobenzene	11.444	112	138583	20.336	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	47587	20.600	ug/l		98
67) Ethyl Benzene	11.524	91	252180	19.871	ug/l		100
68) m/p-Xylenes	11.633	106	192372	40.053	ug/l		99
69) o-Xylene	11.956	106	90598	20.155	ug/l		98
70) Styrene	11.969	104	149486	20.086	ug/l		98
71) Bromoform	12.133	173	25089	20.668	ug/l	#	99
73) Isopropylbenzene	12.255	105	236185	20.303	ug/l		99
74) N-amyl acetate	12.072	43	62437	21.224	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	39986	21.165	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	33589m	17.622	ug/l		
77) Bromobenzene	12.536	156	51416	20.853	ug/l		99
78) n-propylbenzene	12.597	91	286589	20.239	ug/l		99
79) 2-Chlorotoluene	12.682	91	153250	20.497	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	187101	20.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	13897	20.904	ug/l		97
82) 4-Chlorotoluene	12.779	91	154601	19.951	ug/l		99
83) tert-Butylbenzene	12.999	119	167512	20.188	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	184202	20.241	ug/l		100
85) sec-Butylbenzene	13.176	105	251350	19.979	ug/l		100
86) p-Isopropyltoluene	13.292	119	207417	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	99901	20.252	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	100082	20.823	ug/l		98
89) n-Butylbenzene	13.621	91	199786	20.287	ug/l		99
90) Hexachloroethane	13.883	117	41119	20.316	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	89355	21.085	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5939	20.796	ug/l		94
93) 1,2,4-Trichlorobenzene	14.925	180	46919	20.254	ug/l		99
94) Hexachlorobutadiene	15.023	225	25462	20.124	ug/l		99
95) Naphthalene	15.145	128	93203	20.994	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	41131	20.892	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

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

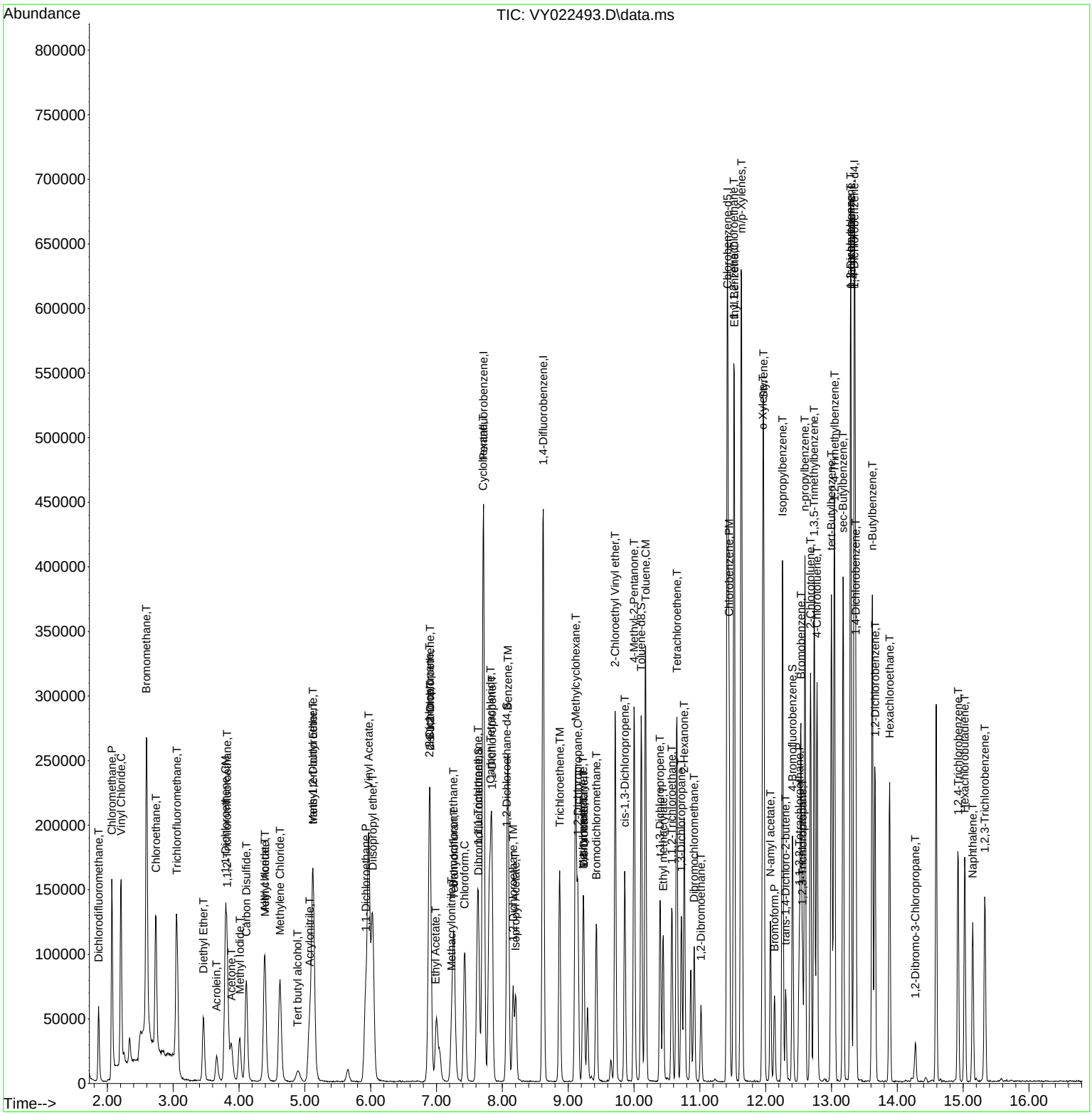
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Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

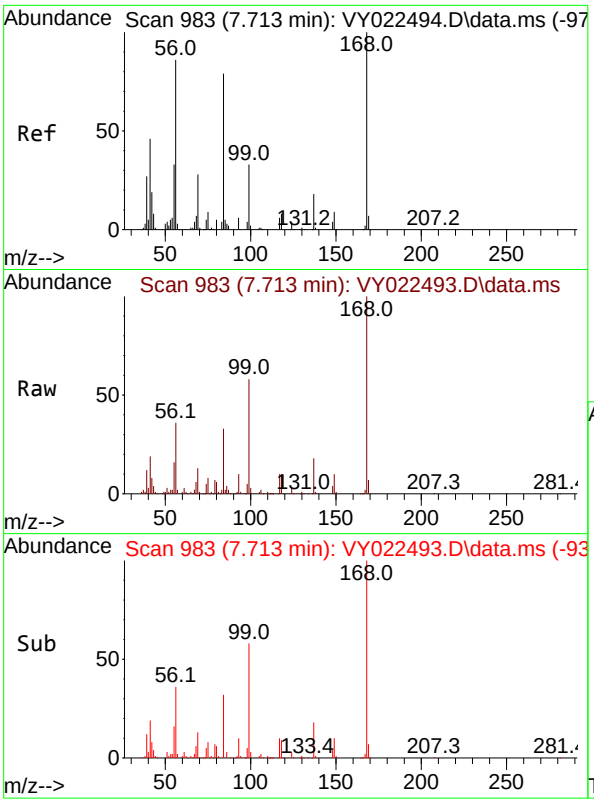
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

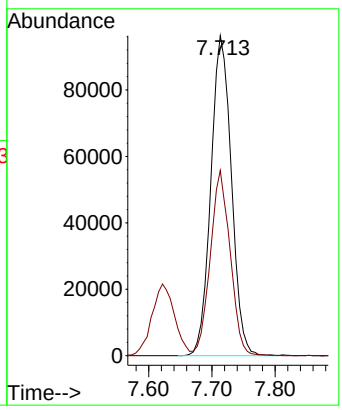




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:168 Resp: 21735

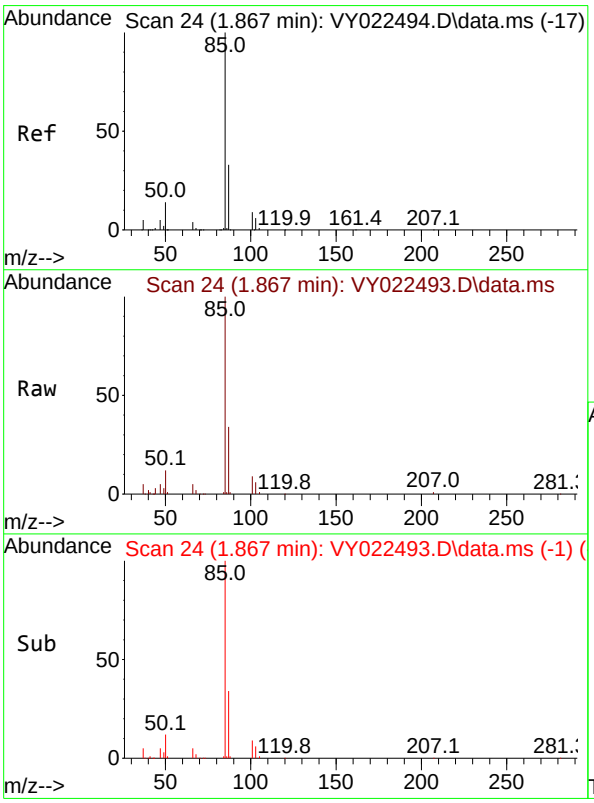
Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

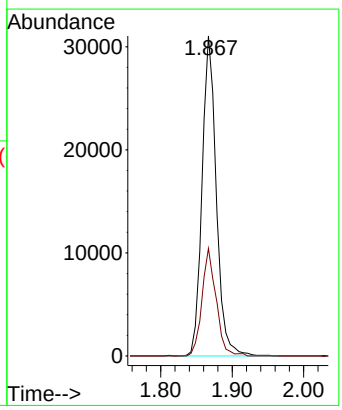
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

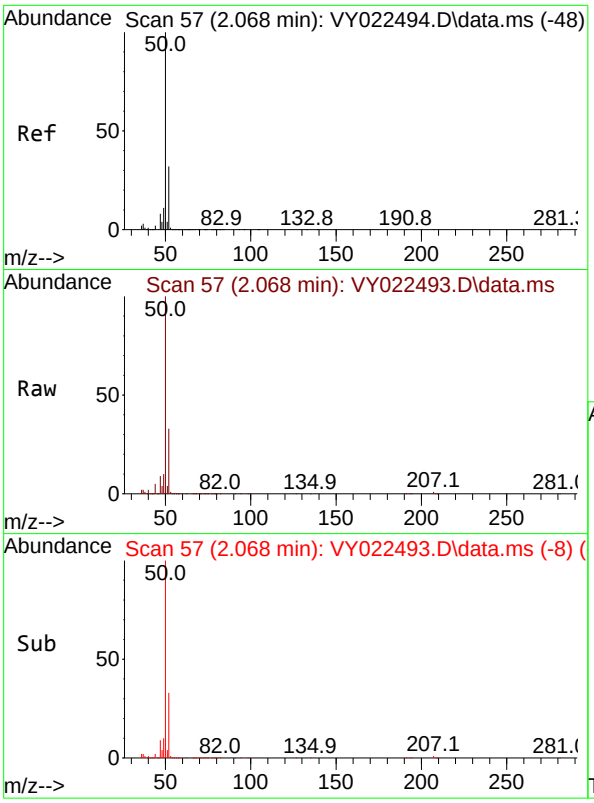


#2
Dichlorodifluoromethane
Concen: 22.669 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 85 Resp: 43056

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.7	50.0

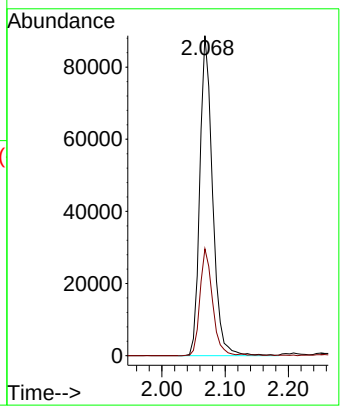




#3
Chloromethane
Concen: 22.209 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 50 Resp: 12444

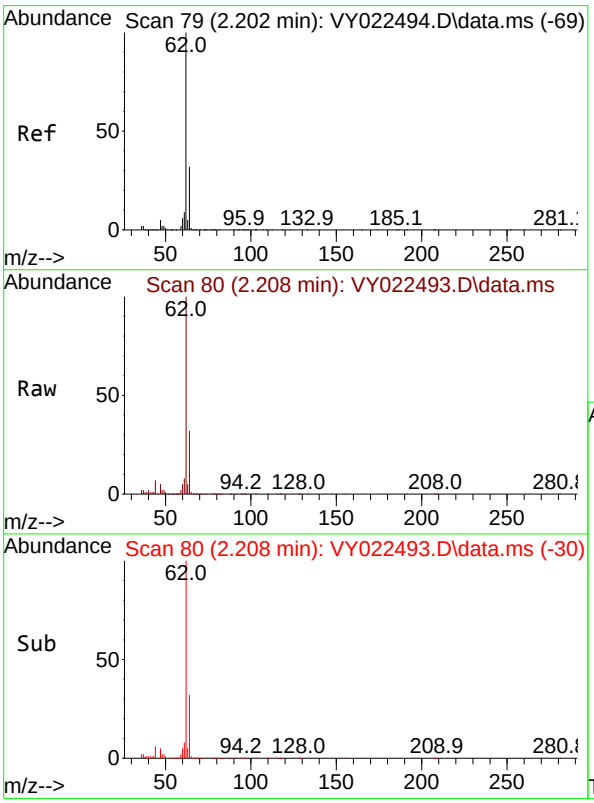
Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

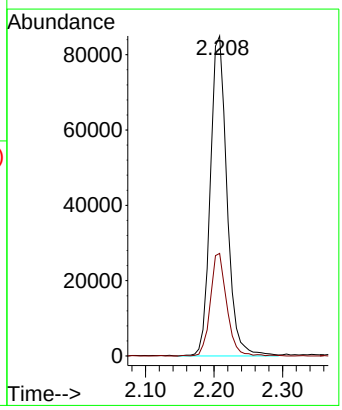
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

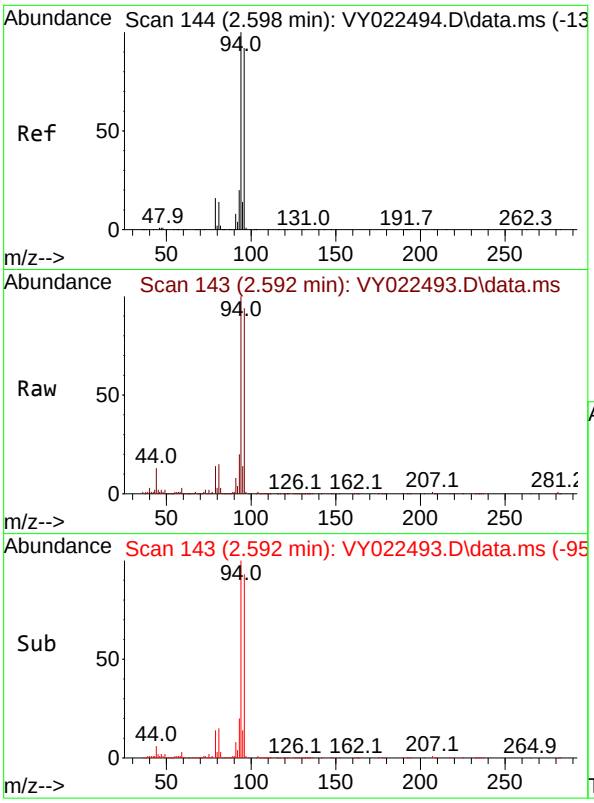


#4
Vinyl Chloride
Concen: 21.833 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 143182

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9

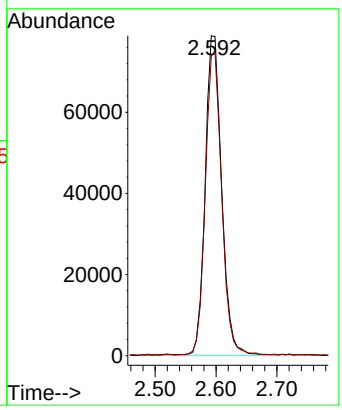




#5
Bromomethane
Concen: 23.891 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 94 Resp: 14820

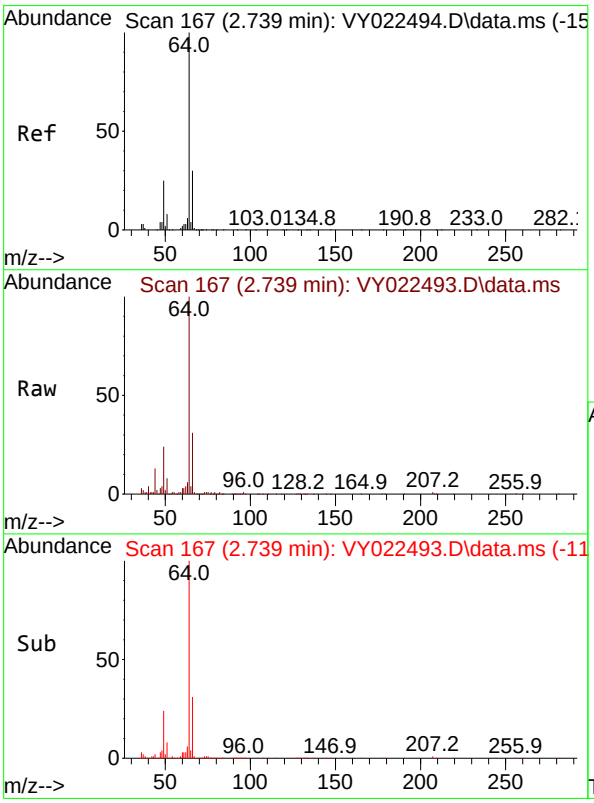
Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

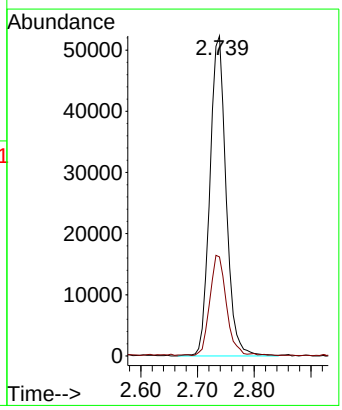
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

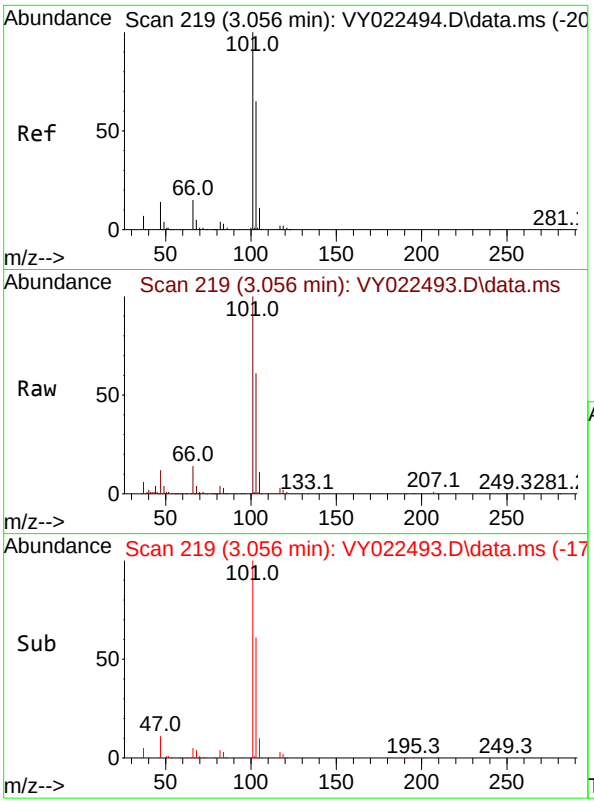


#6
Chloroethane
Concen: 23.188 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 64 Resp: 104116

Ion	Ratio	Lower	Upper
64	100		
66	30.8	23.8	35.6





#7
Trichlorofluoromethane
Concen: 22.320 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

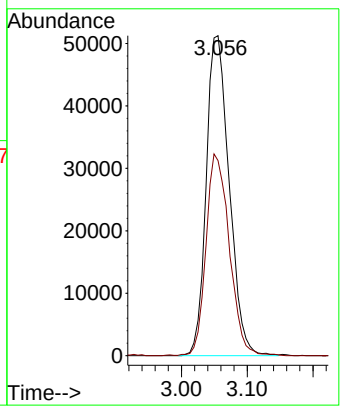
Tgt Ion:101 Resp: 12437

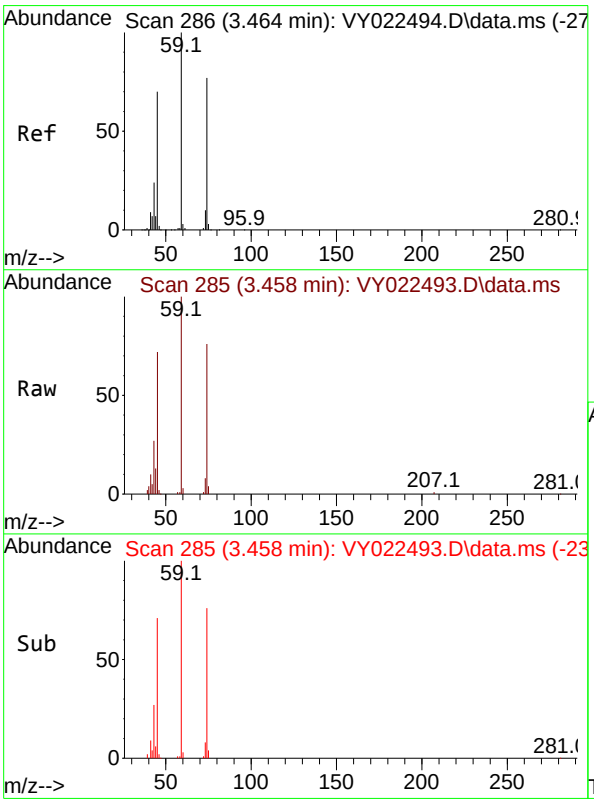
Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

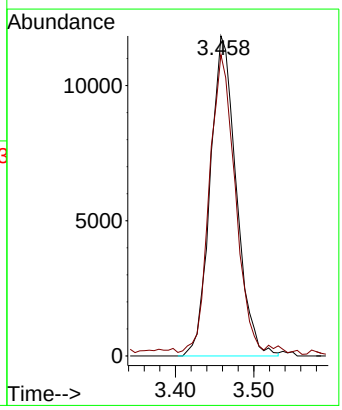


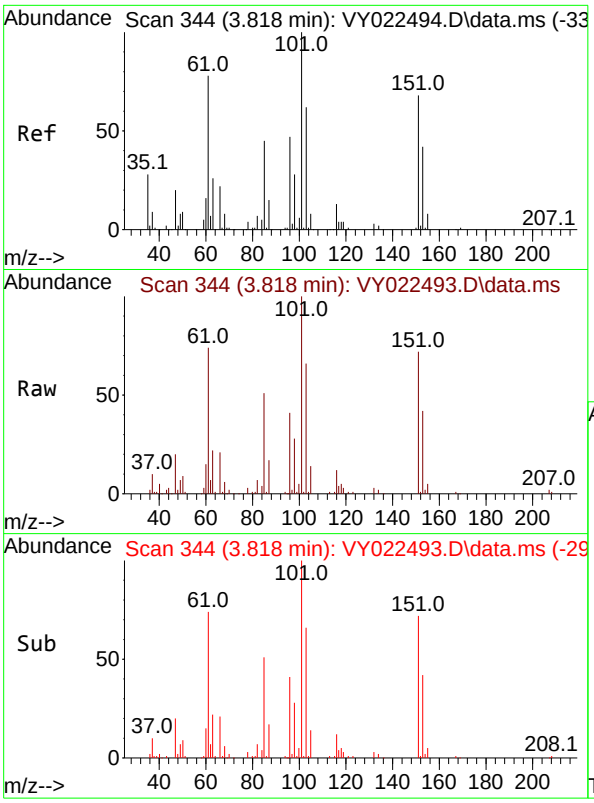


#8
Diethyl Ether
Concen: 22.230 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 74 Resp: 27359

Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

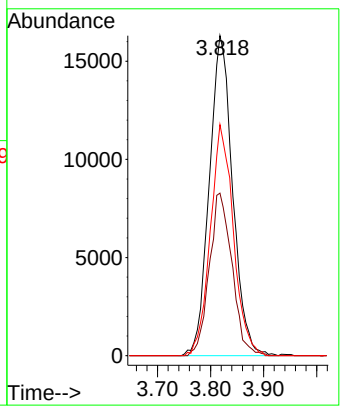
Tgt Ion:101 Resp: 4974

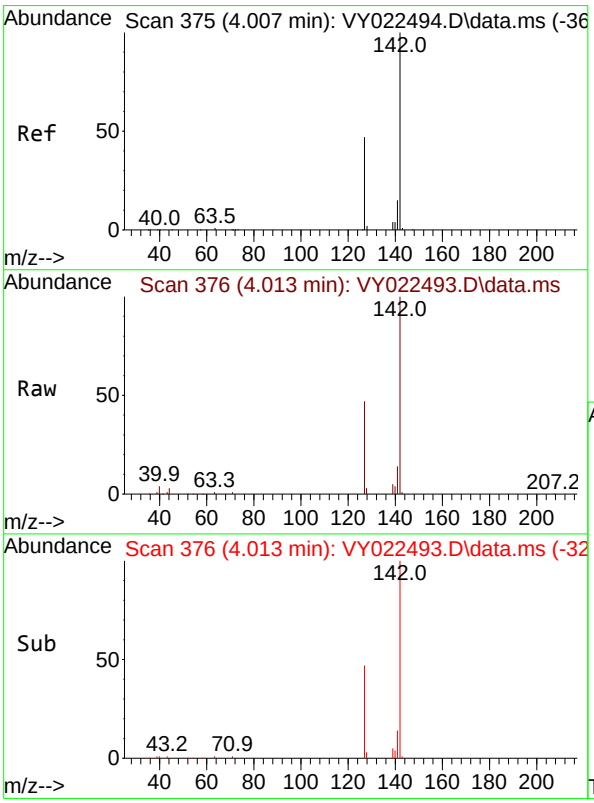
Ion	Ratio	Lower	Upper
101	100		
85	49.4	39.3	58.9
151	71.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

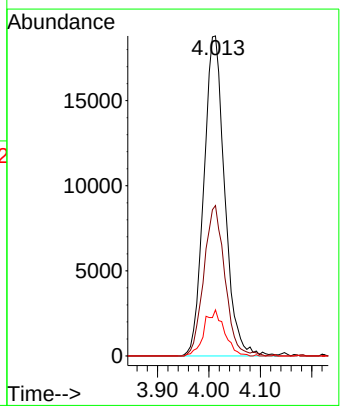


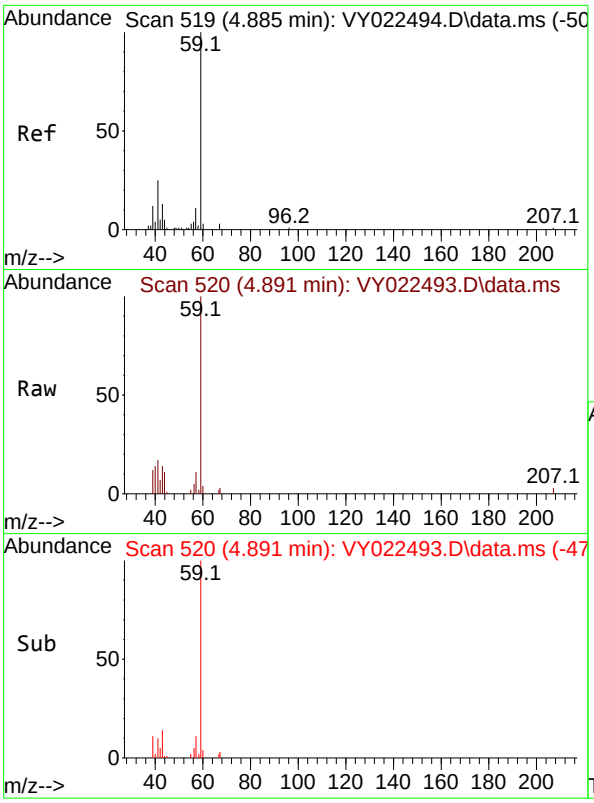


#10
Methyl Iodide
Concen: 21.112 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:142 Resp: 52917

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.1	55.7
141	14.1	11.4	17.2

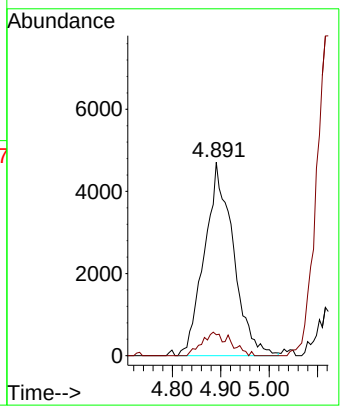




#11
Tert butyl alcohol
Concen: 115.163 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 59 Resp: 1945

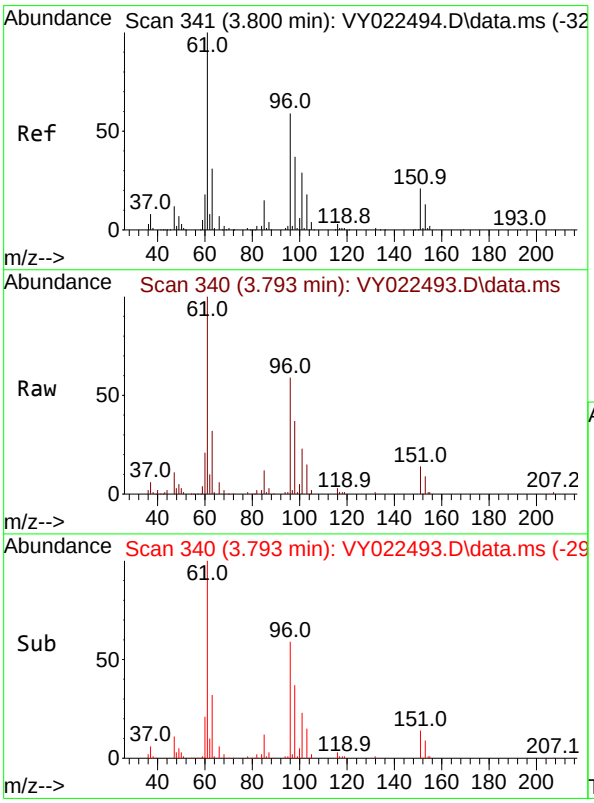
Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

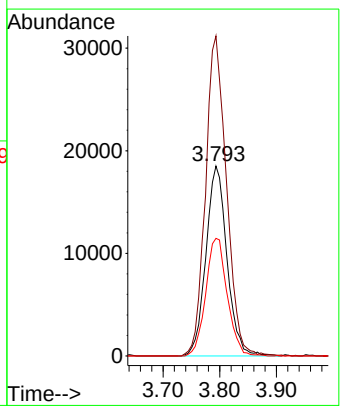
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

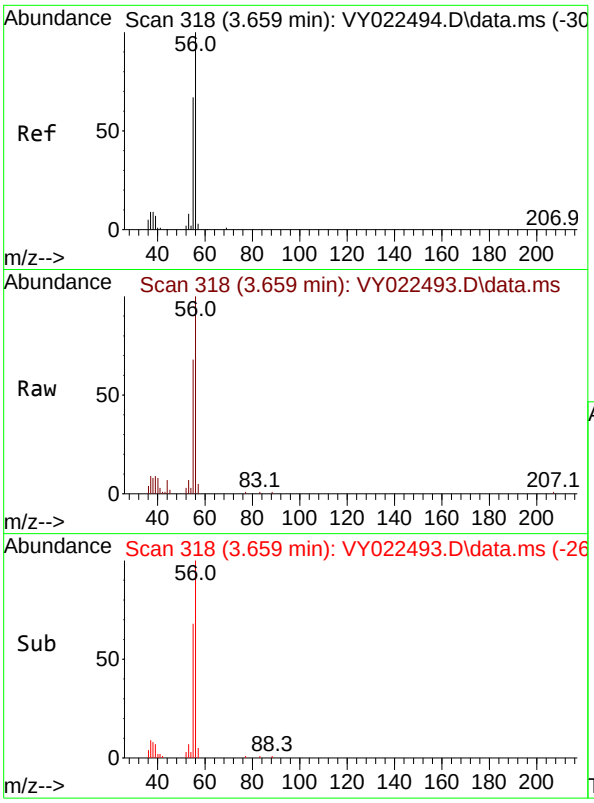


#12
1,1-Dichloroethene
Concen: 21.411 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 47770

Ion	Ratio	Lower	Upper
96	100		
61	168.5	134.6	201.8
98	61.9	50.2	75.4

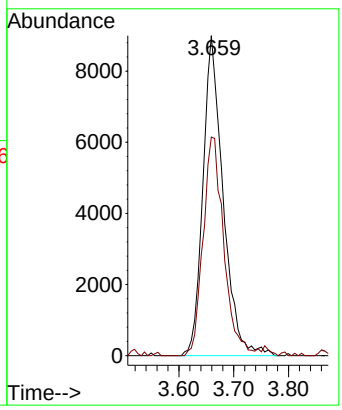




#13
Acrolein
Concen: 111.404 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 56 Resp: 2297

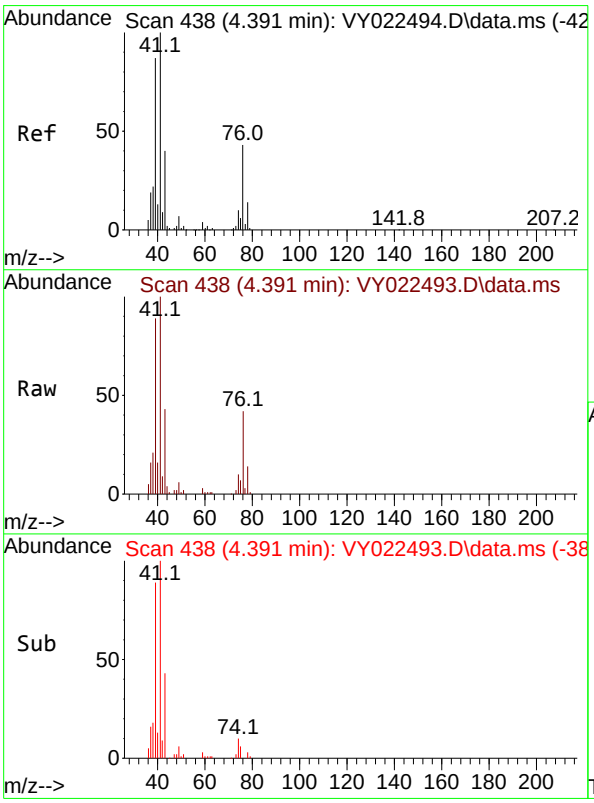
Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

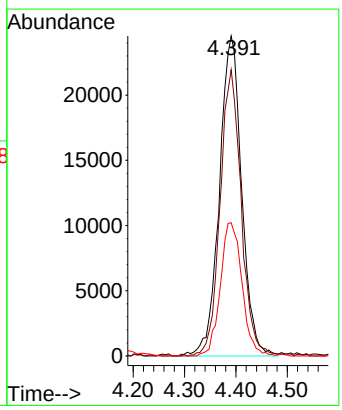
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

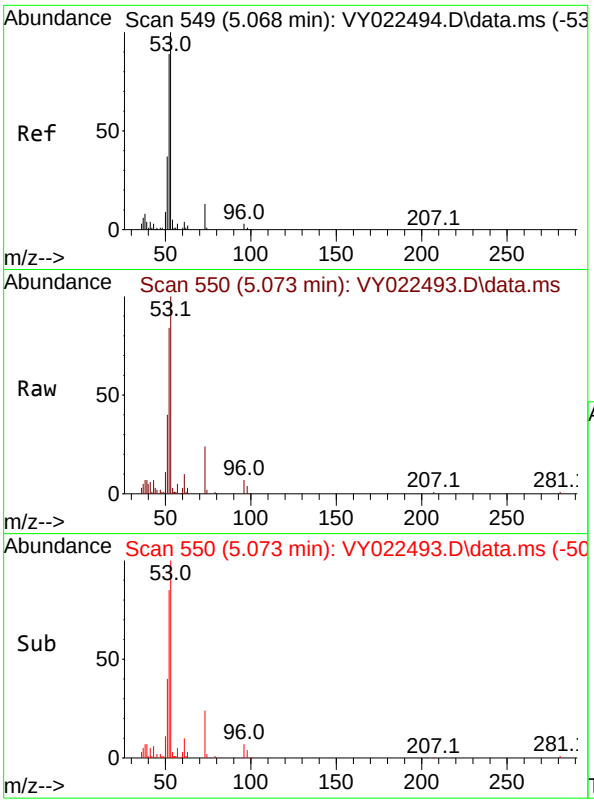


#14
Allyl chloride
Concen: 21.263 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 73926

Ion	Ratio	Lower	Upper
41	100		
39	84.7	69.1	103.7
76	40.5	33.5	50.3

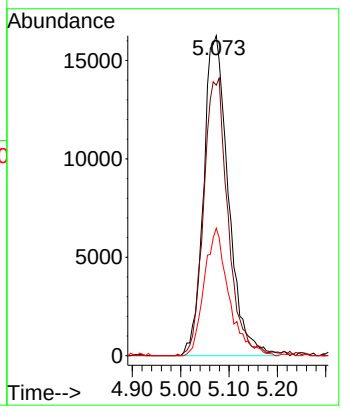




#15
Acrylonitrile
Concen: 110.420 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 53 Resp: 5780

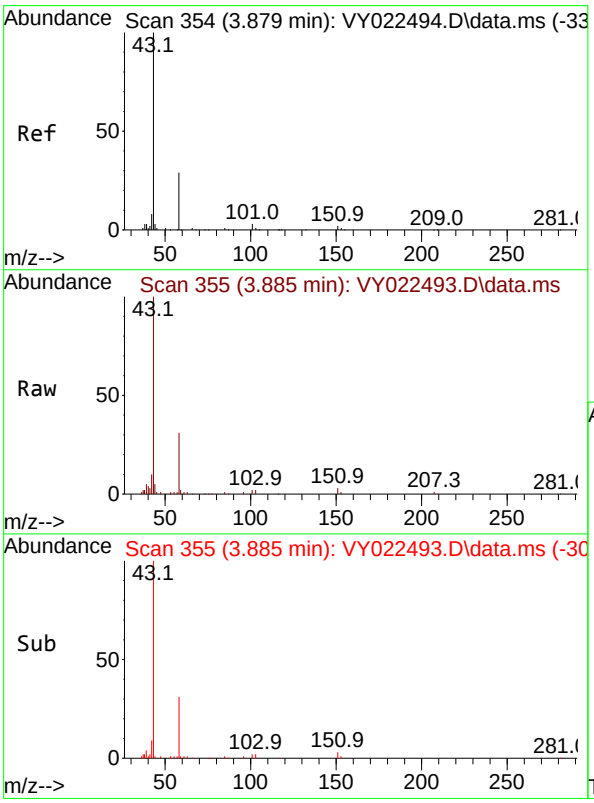
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.7	98.5
51	39.8	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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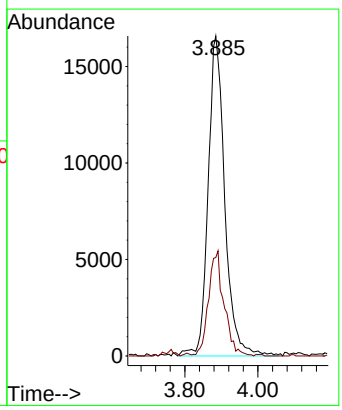
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

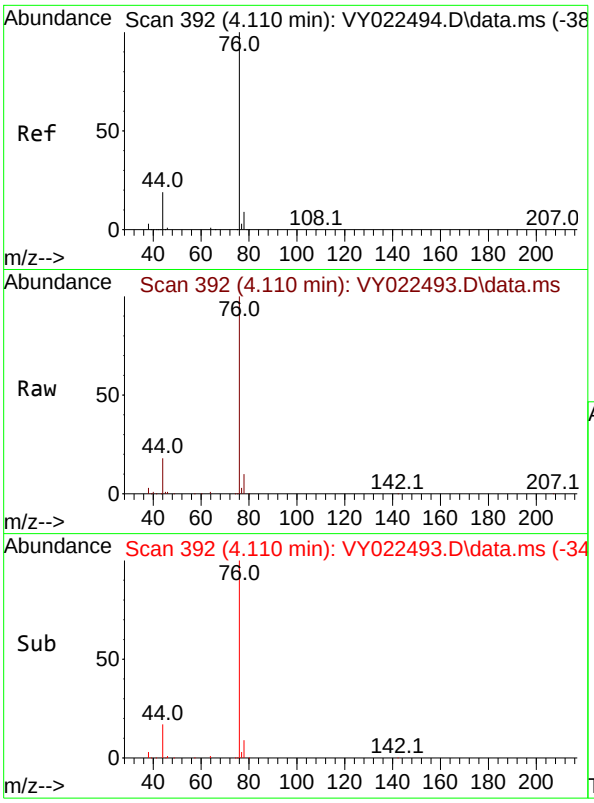


#16
Acetone
Concen: 111.925 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 52330

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0





#17
Carbon Disulfide
Concen: 21.130 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

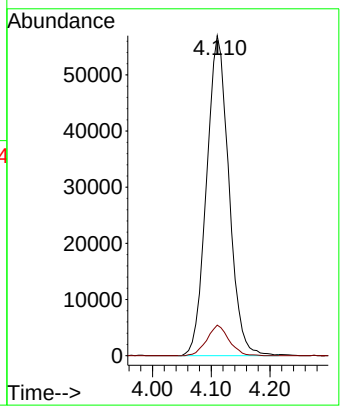
Tgt Ion: 76 Resp: 15051

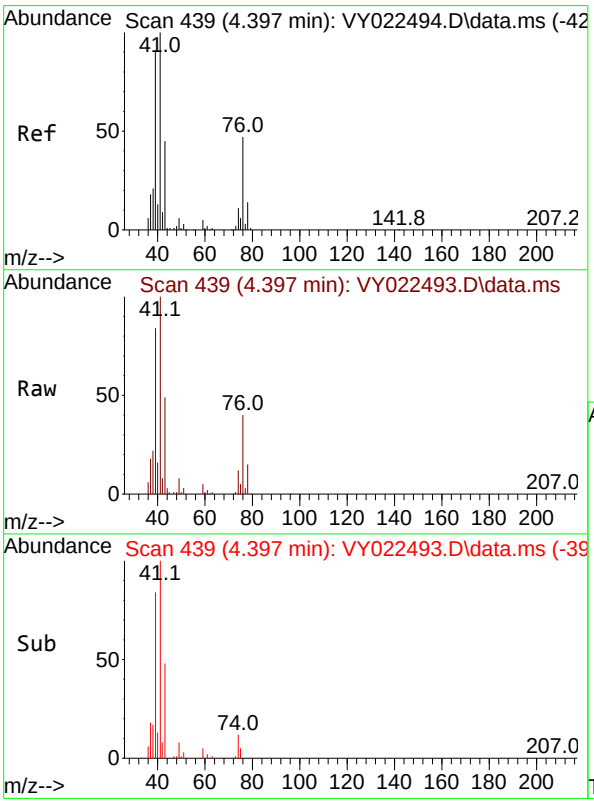
Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

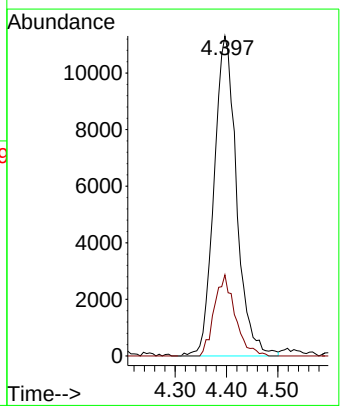


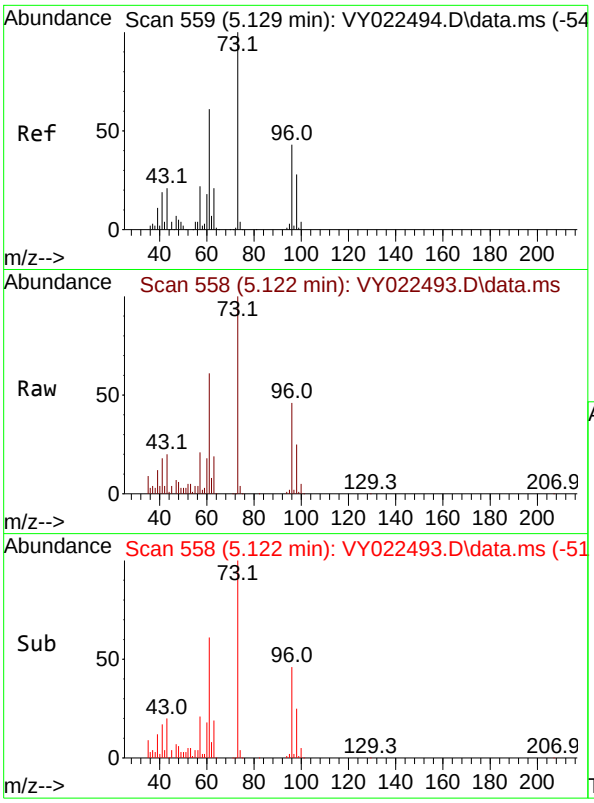


#18
Methyl Acetate
Concen: 24.470 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 34419

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6

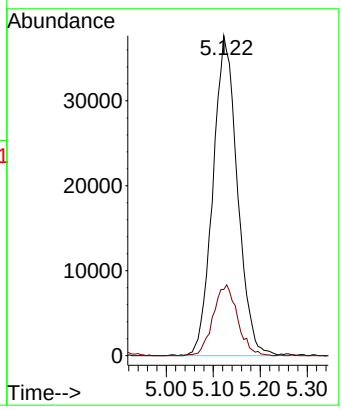




#19
Methyl tert-butyl Ether
Concen: 21.935 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 73 Resp: 13654

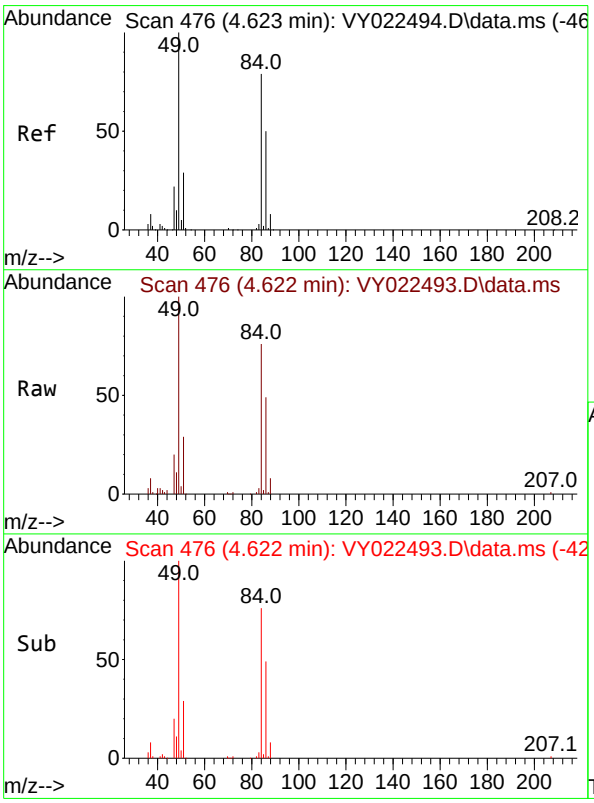
Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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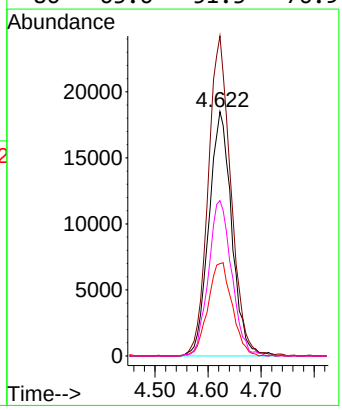
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

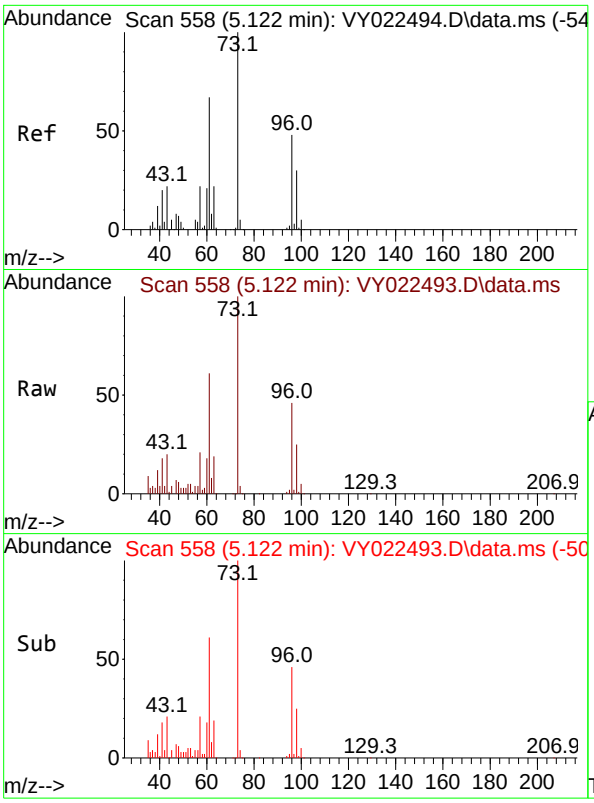


#20
Methylene Chloride
Concen: 21.222 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 84 Resp: 55399

Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.9	152.9
51	37.8	29.8	44.8
86	63.6	51.3	76.9

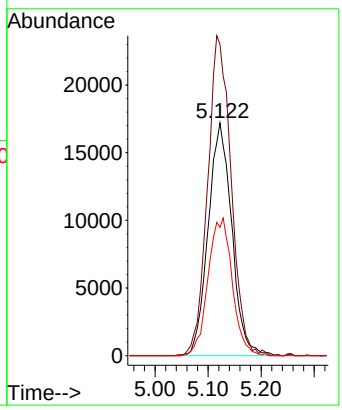




#21
trans-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 5319

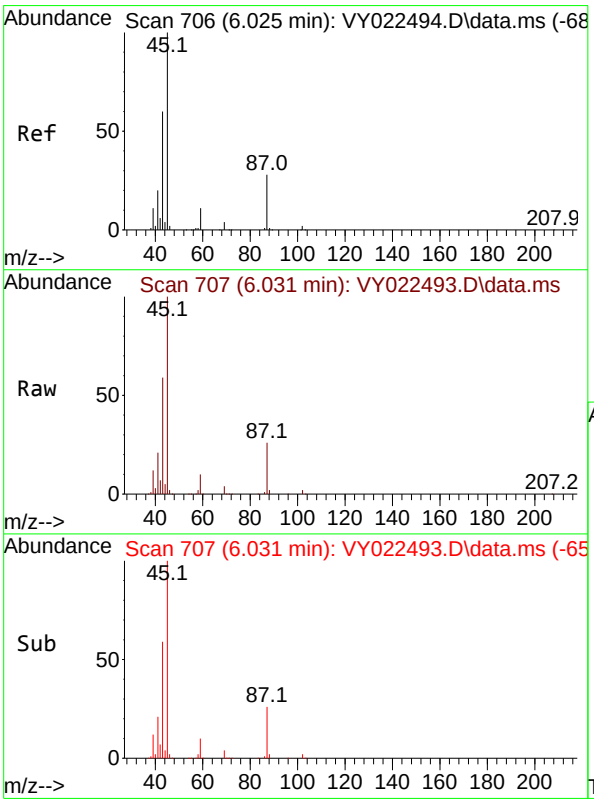
Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	55.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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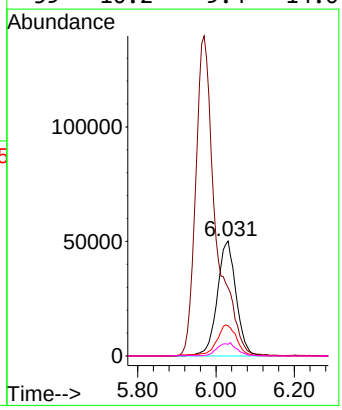
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

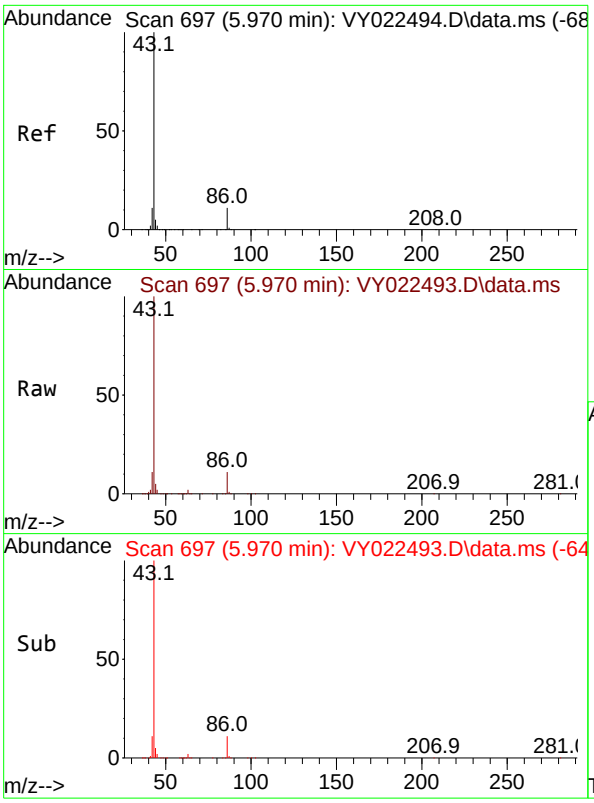


#22
Diisopropyl ether
Concen: 21.739 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 45 Resp: 168064

Ion	Ratio	Lower	Upper
45	100		
43	59.0	48.3	72.5
87	26.3	23.0	34.6
59	10.2	9.4	14.0





#23
Vinyl Acetate
Concen: 108.569 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

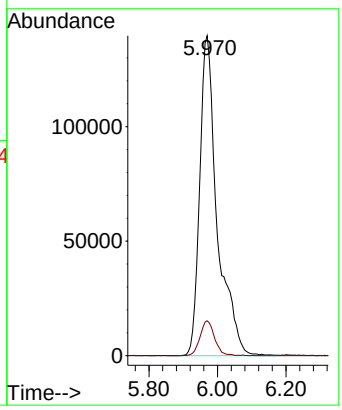
Tgt Ion: 43 Resp: 49793

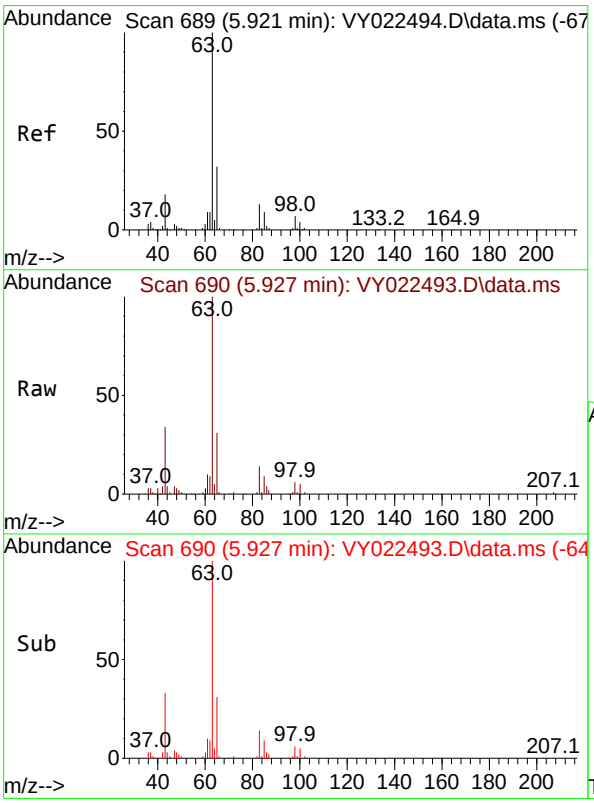
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

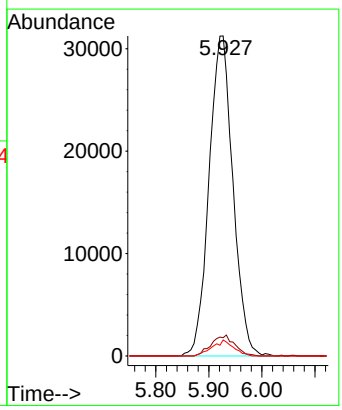


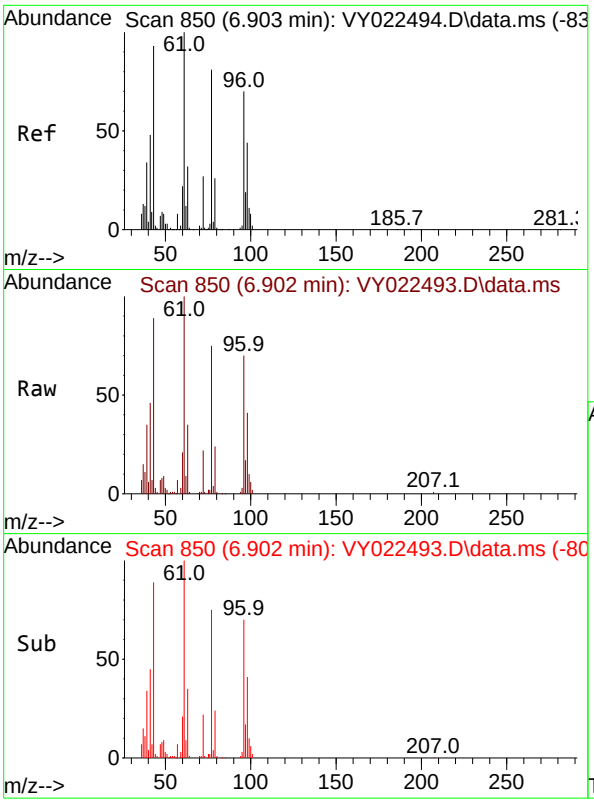


#24
1,1-Dichloroethane
Concen: 21.392 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 97760

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.4	10.1
100	5.0	2.1	6.3





#25
2-Butanone
Concen: 112.124 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

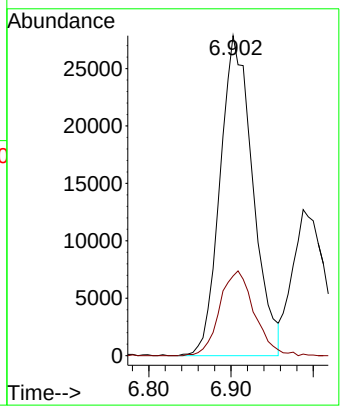
Tgt Ion: 43 Resp: 7732

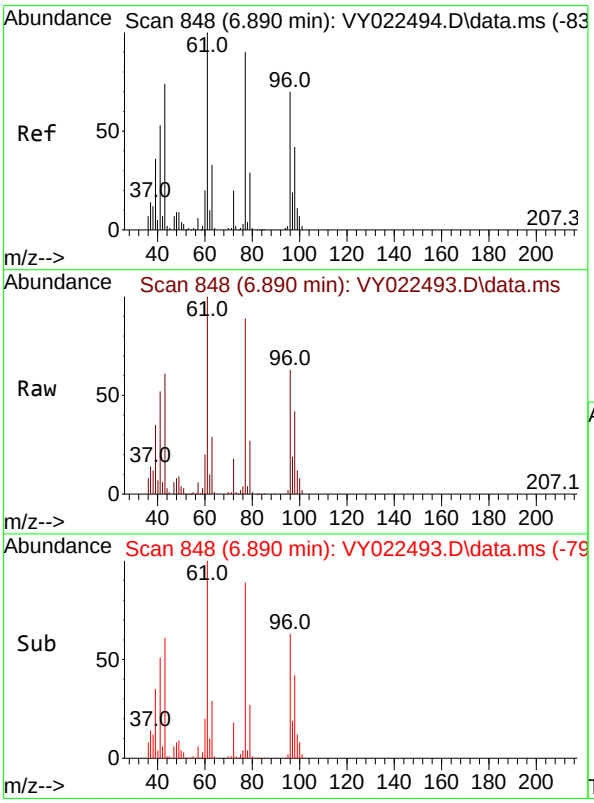
Ion	Ratio	Lower	Upper
43	100		
72	24.9	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

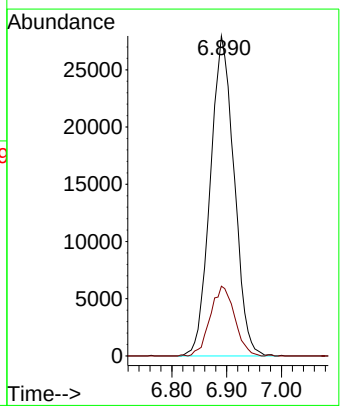


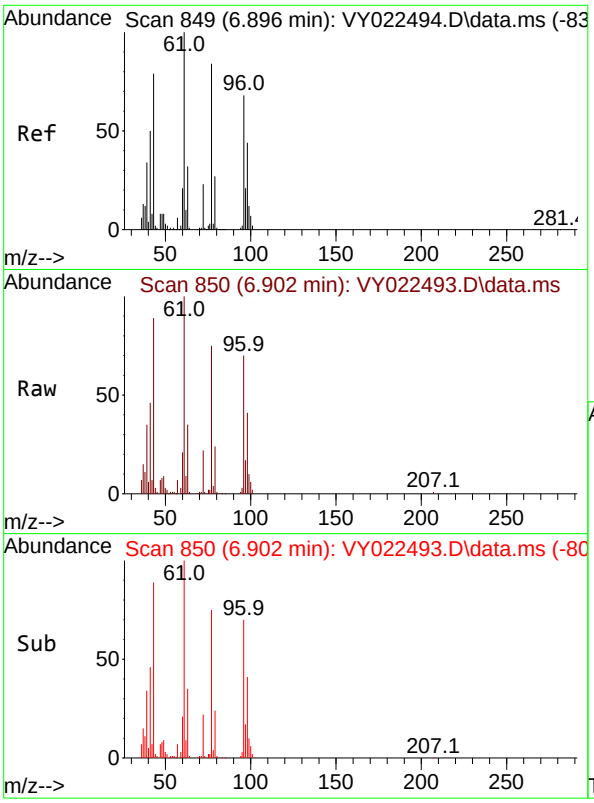


#26
2,2-Dichloropropane
Concen: 20.811 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 77 Resp: 84543

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2

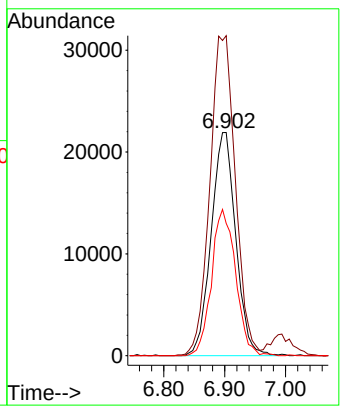




#27
cis-1,2-Dichloroethene
Concen: 21.300 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 6136

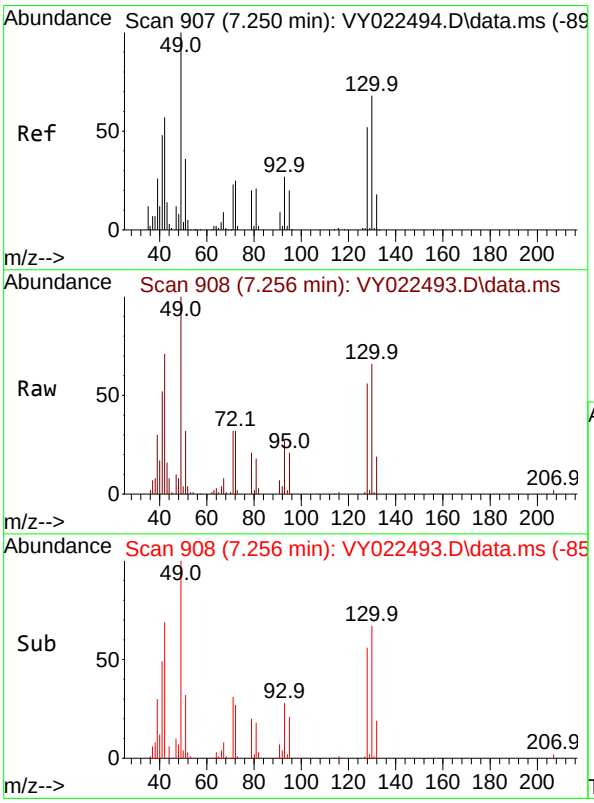
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.0
98	64.4	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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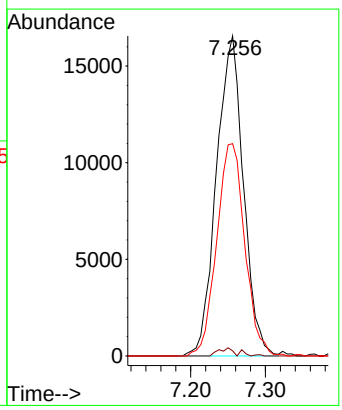
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

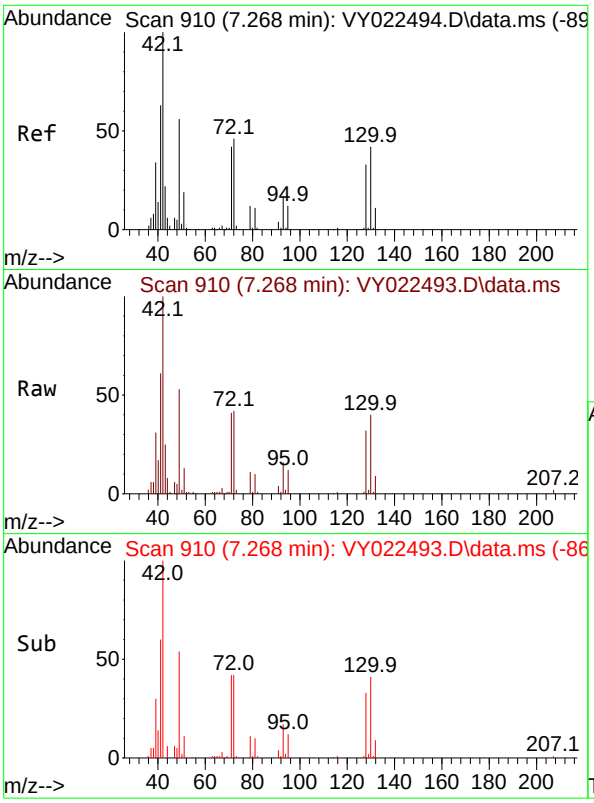


#28
Bromochloromethane
Concen: 21.085 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 49 Resp: 41634

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	69.0	55.7	83.5

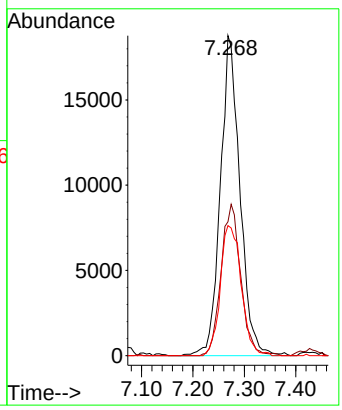




#29
Tetrahydrofuran
Concen: 111.296 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 42 Resp: 4951

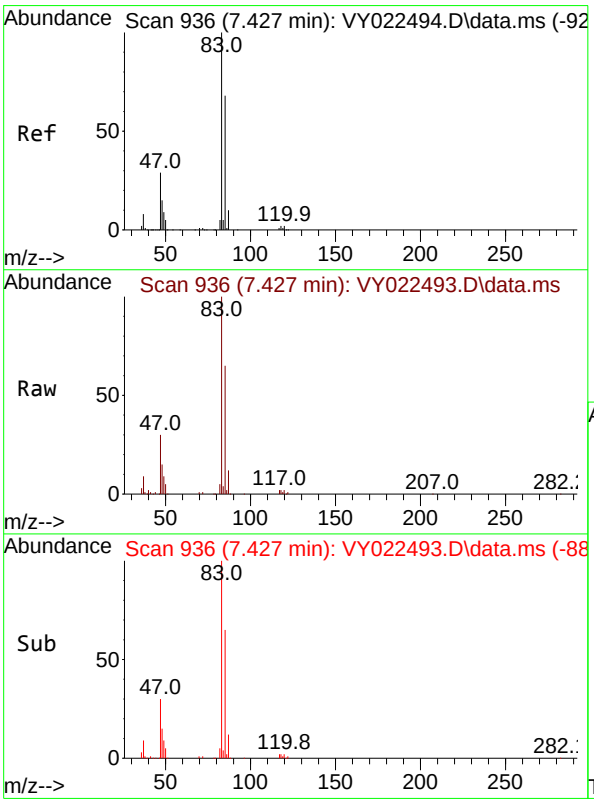
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	43.6	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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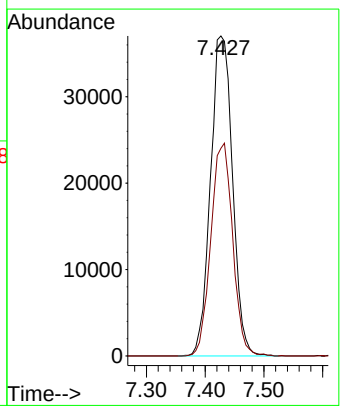
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

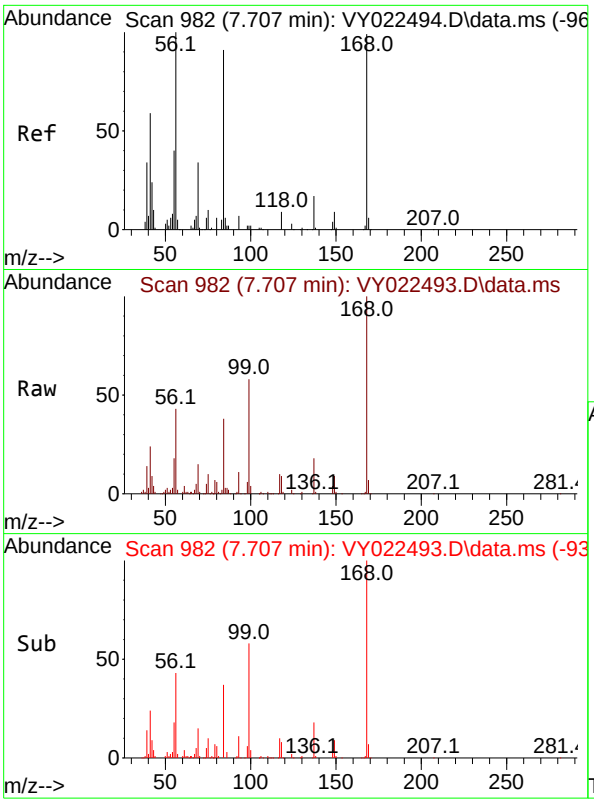


#30
Chloroform
Concen: 21.350 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 96414

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4





#31
Cyclohexane
Concen: 20.762 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

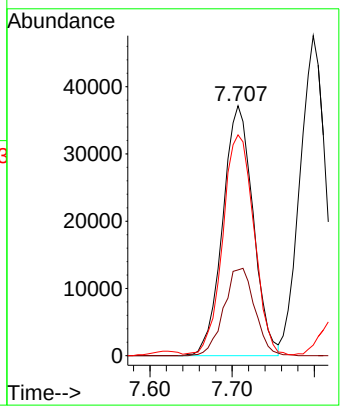
Tgt Ion: 56 Resp: 9548

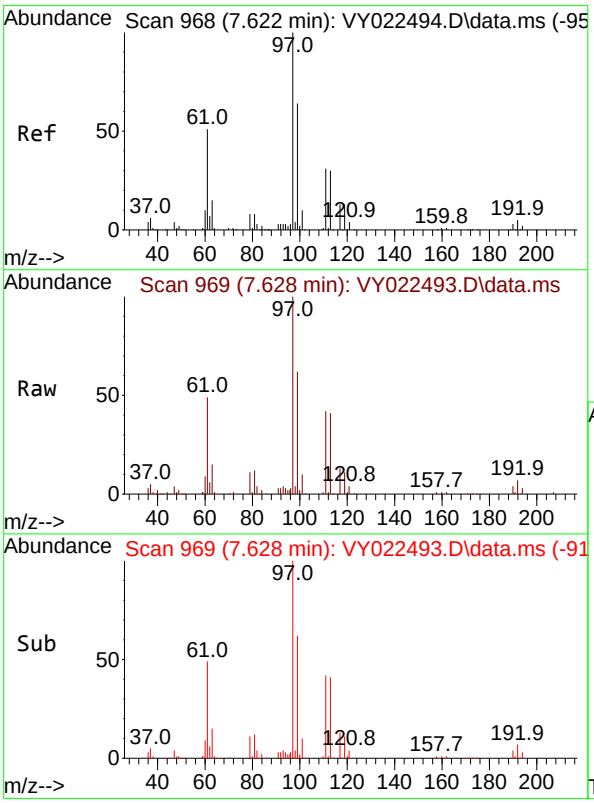
Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.0	40.6
84	87.0	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

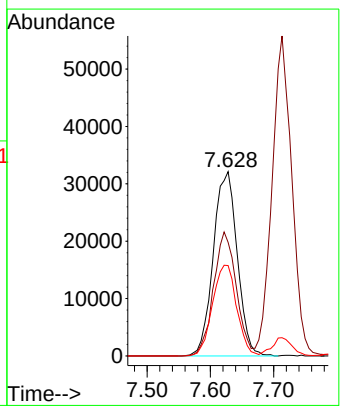


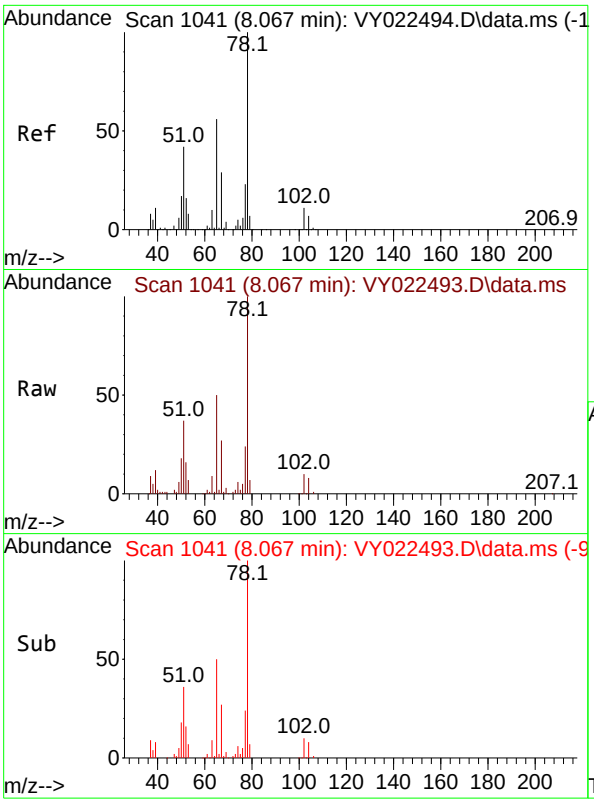


#32
1,1,1-Trichloroethane
Concen: 20.905 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 84365

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	49.7	38.5	57.7

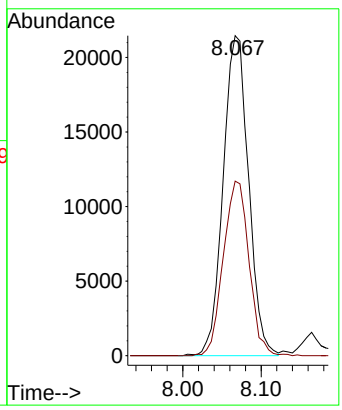




#33
1,2-Dichloroethane-d4
Concen: 20.457 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 65 Resp: 4838

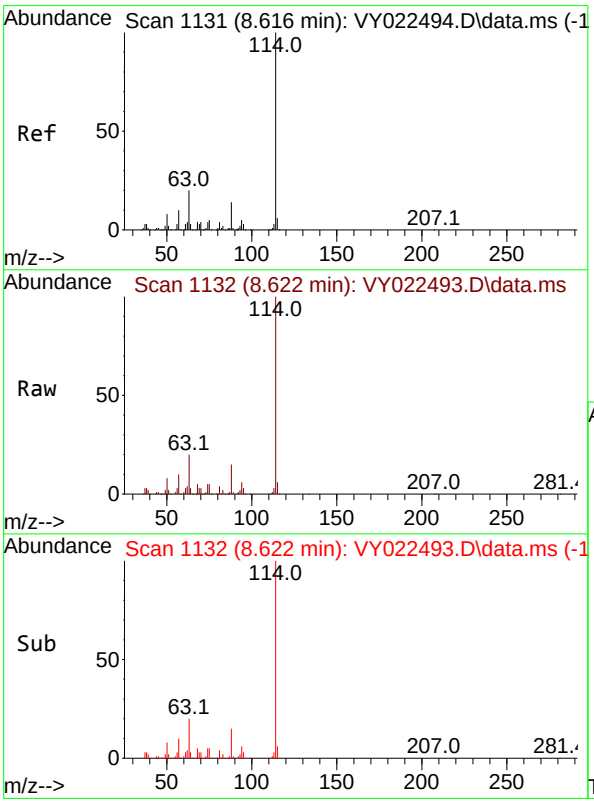
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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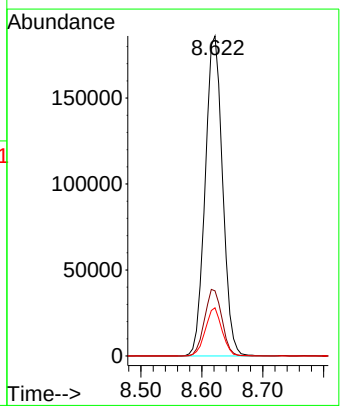
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

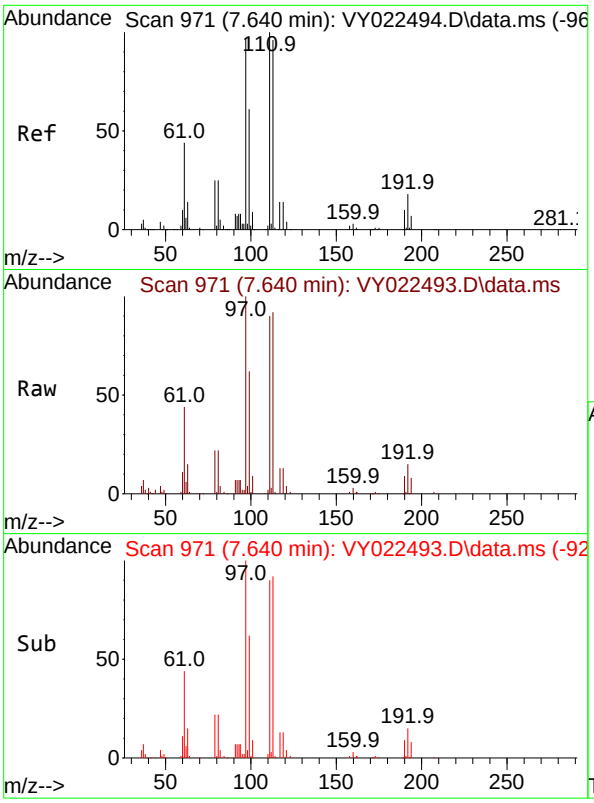


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:114 Resp: 369398

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.0	0.0	27.8

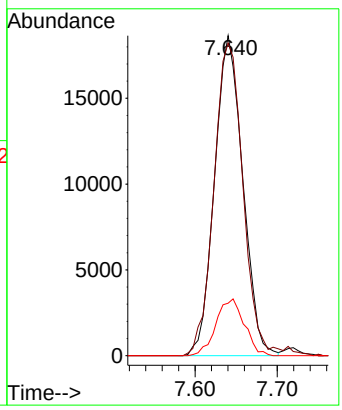




#35
Dibromofluoromethane
Concen: 20.456 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:113 Resp: 4448

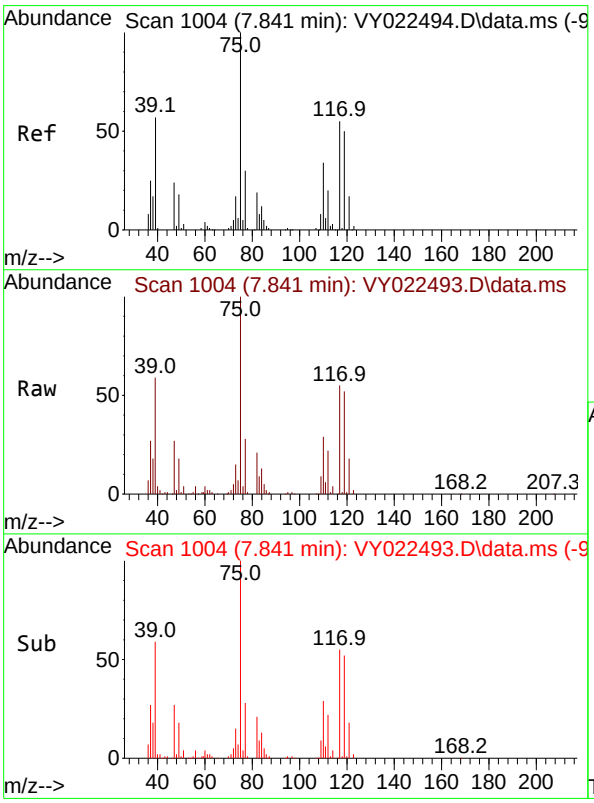
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	17.8	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

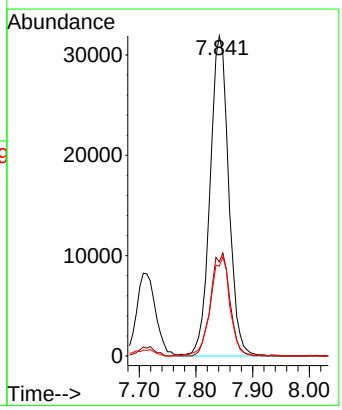
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

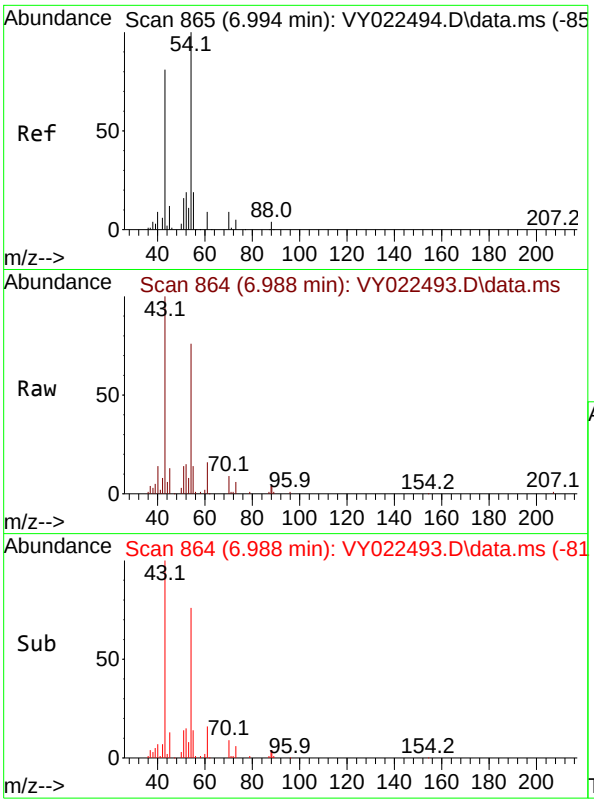


#36
1,1-Dichloropropene
Concen: 20.670 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 72658

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.7
77	32.2	24.8	37.2

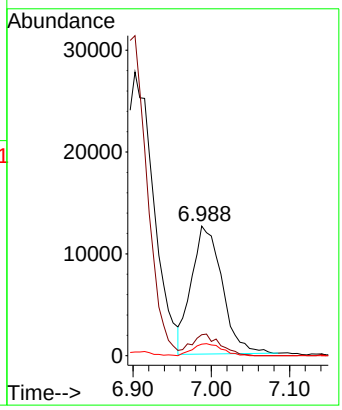




#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 3420

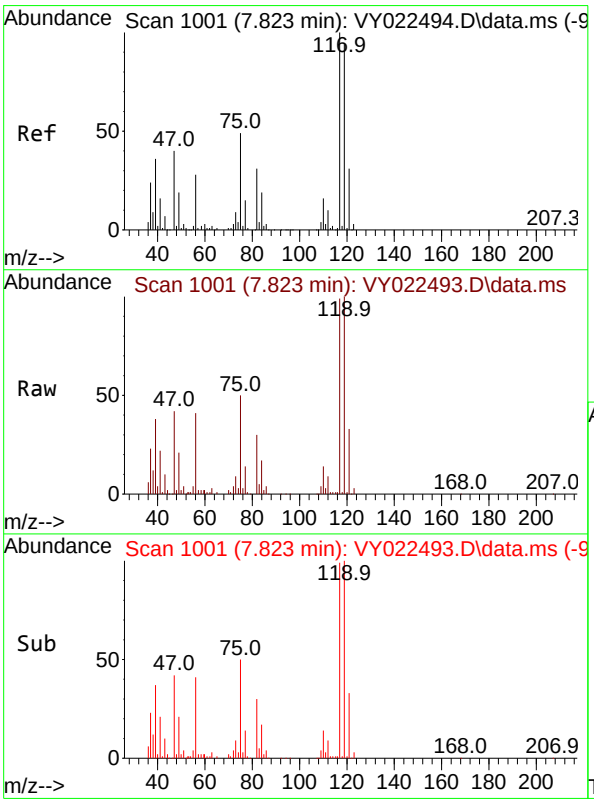
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.5	17.3
70	8.9	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

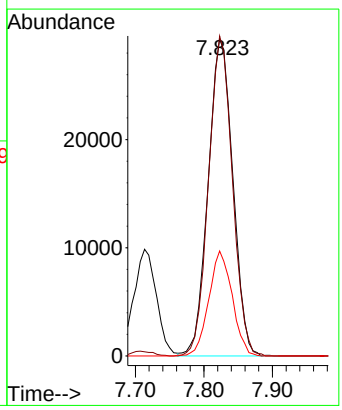
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

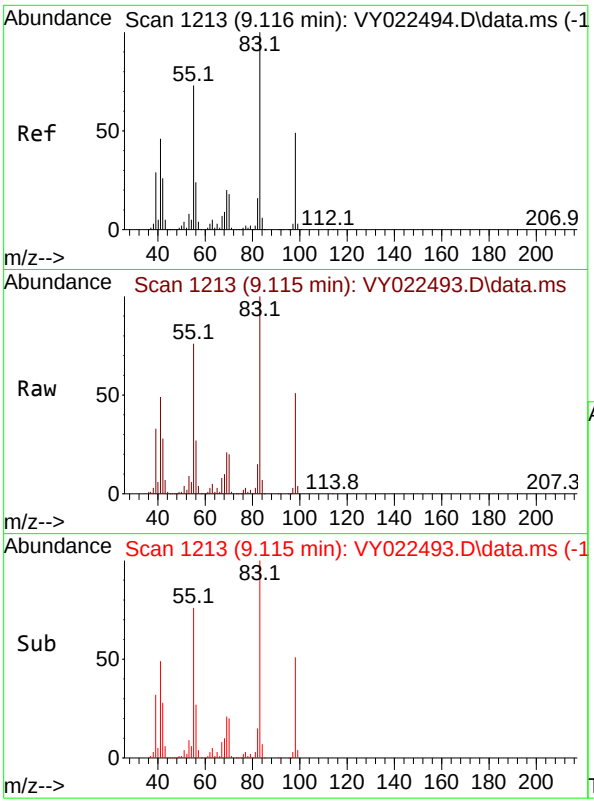


#38
Carbon Tetrachloride
Concen: 20.247 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 73370

Ion	Ratio	Lower	Upper
117	100		
119	101.1	75.0	112.6
121	33.2	25.0	37.4

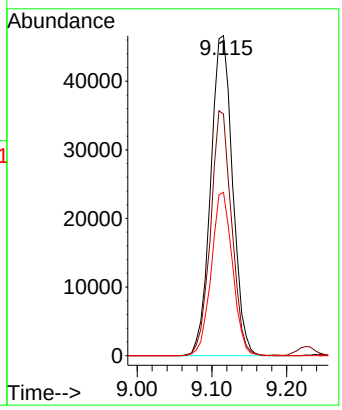




#39
Methylcyclohexane
Concen: 20.065 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 9528

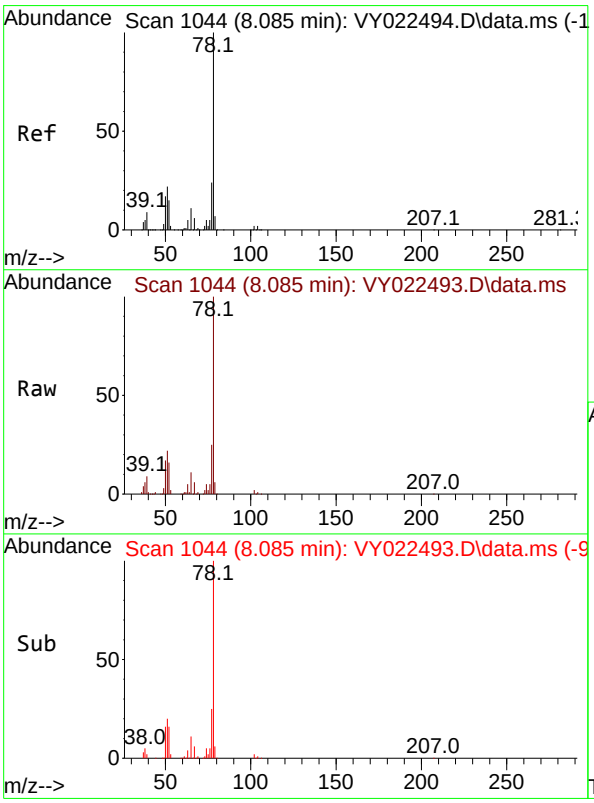
Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.1	87.1
98	51.1	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

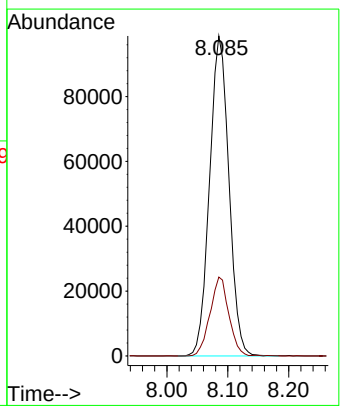
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

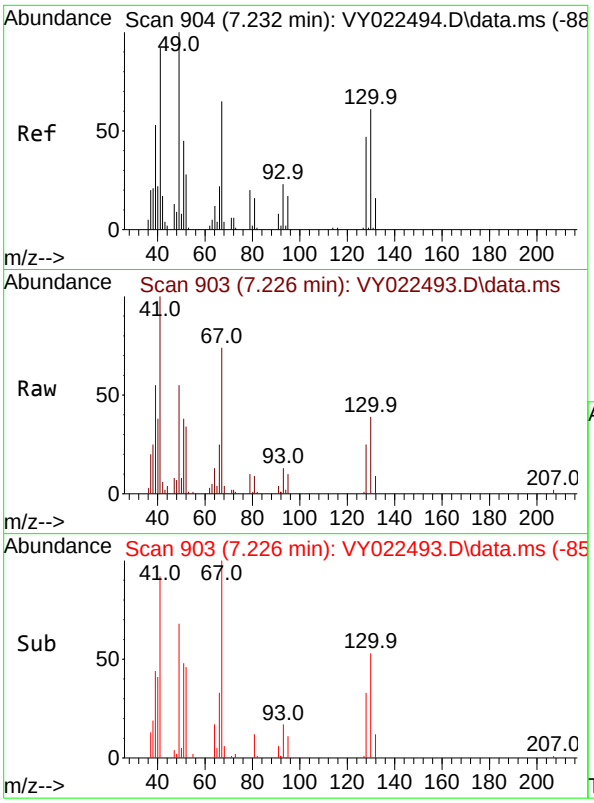


#40
Benzene
Concen: 21.000 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 78 Resp: 217595

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

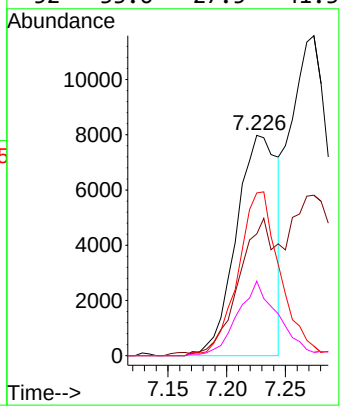




#41
Methacrylonitrile
Concen: 19.542 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 1947

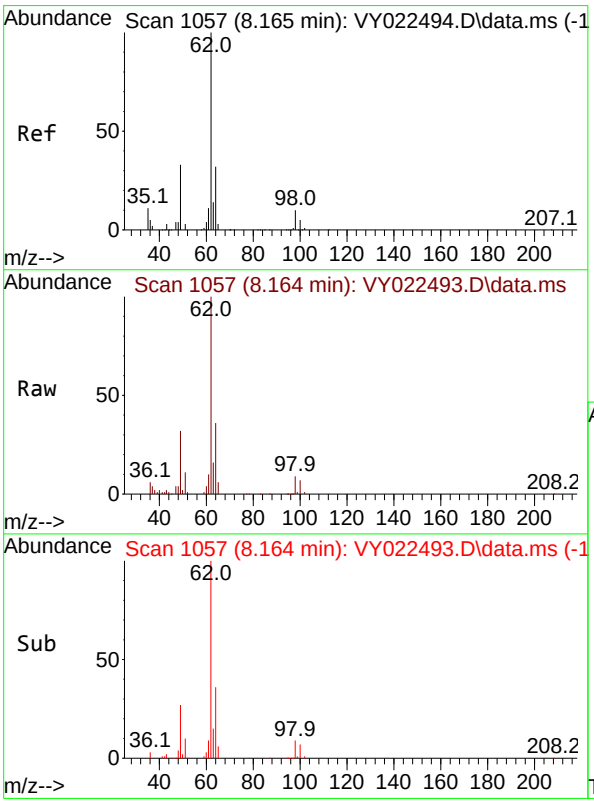
Ion	Ratio	Lower	Upper
41	100		
39	64.4	46.6	69.8
67	76.2	63.3	94.9
52	33.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

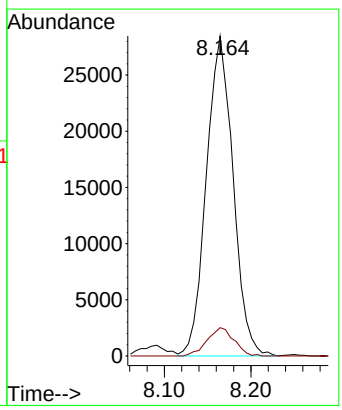
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

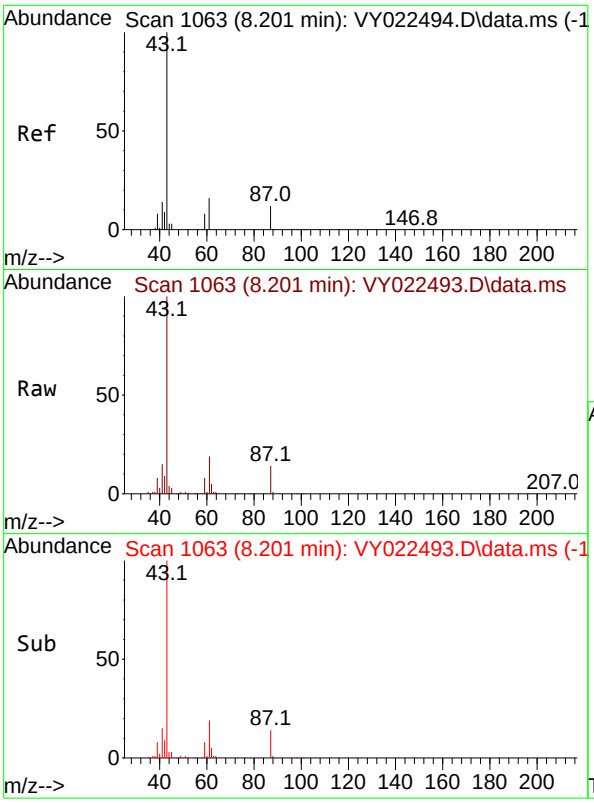


#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 61097

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2





#43
Isopropyl Acetate
Concen: 21.814 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

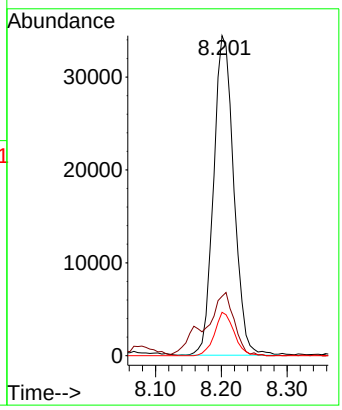
Tgt Ion: 43 Resp: 7374

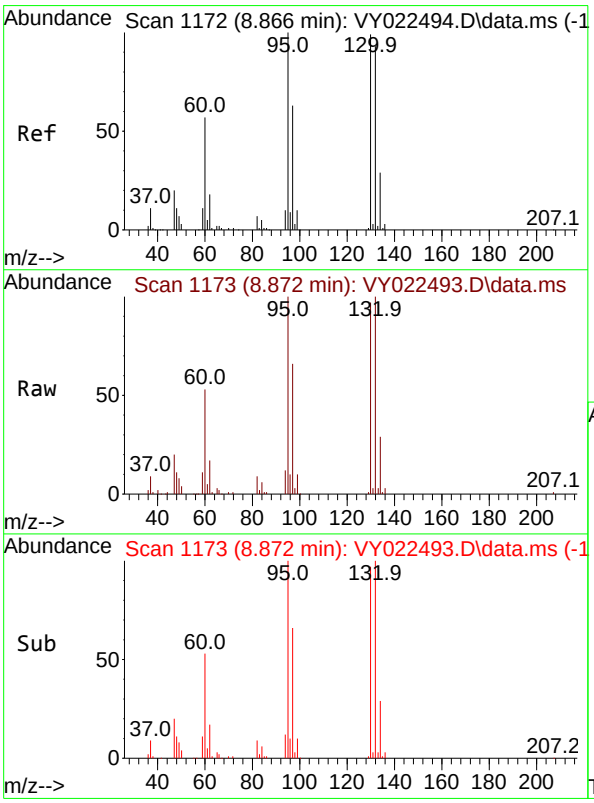
Ion	Ratio	Lower	Upper
43	100		
61	21.6	15.6	23.4
87	13.1	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

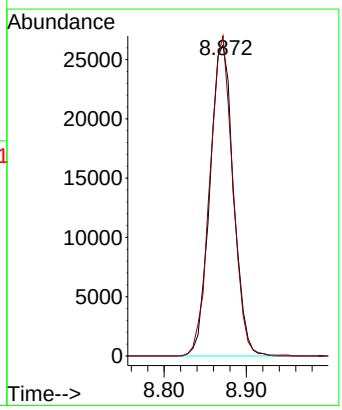


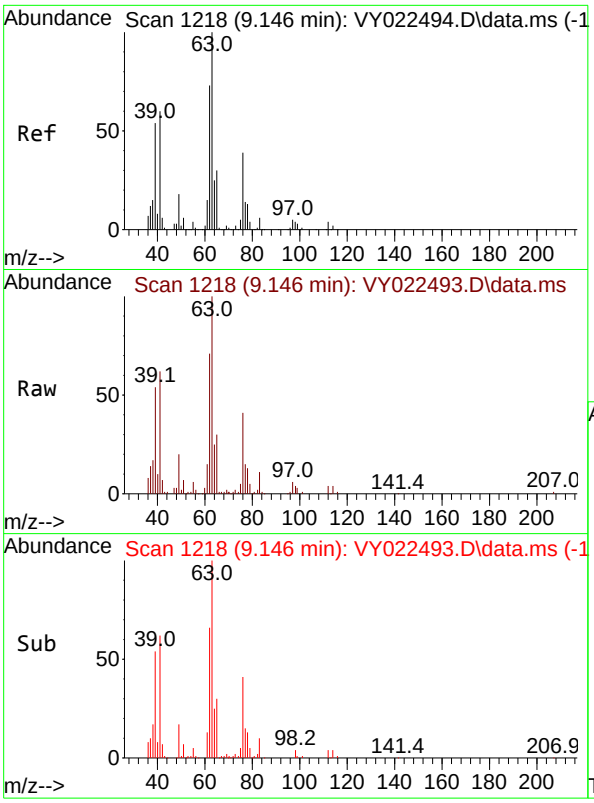


#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:130 Resp: 52175

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	203.0

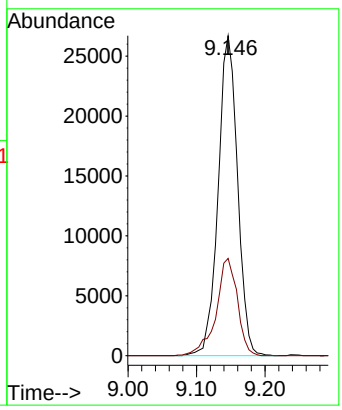




#45
1,2-Dichloropropane
Concen: 21.204 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 5237

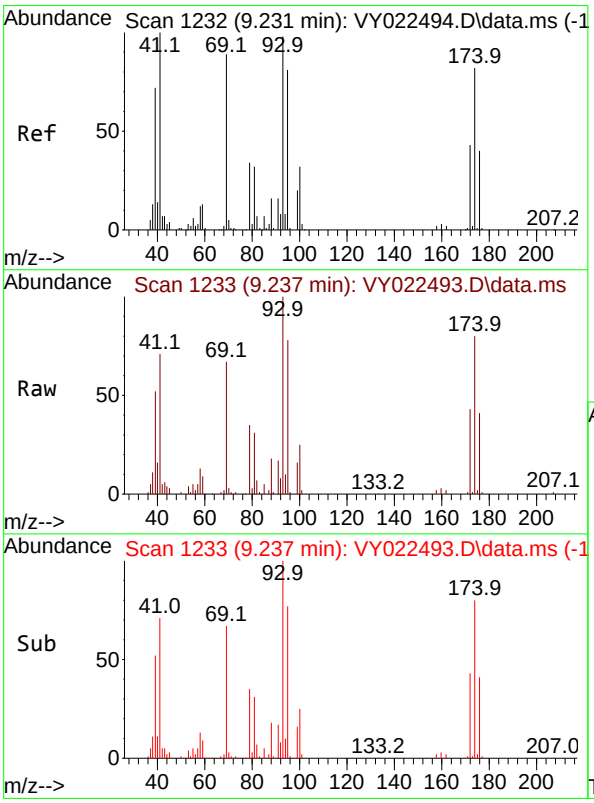
Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

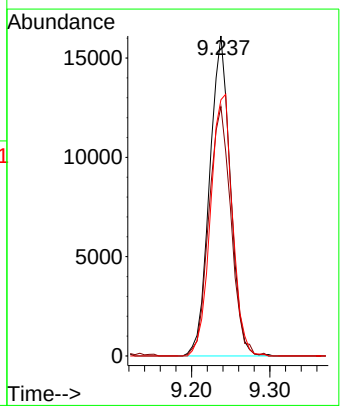
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

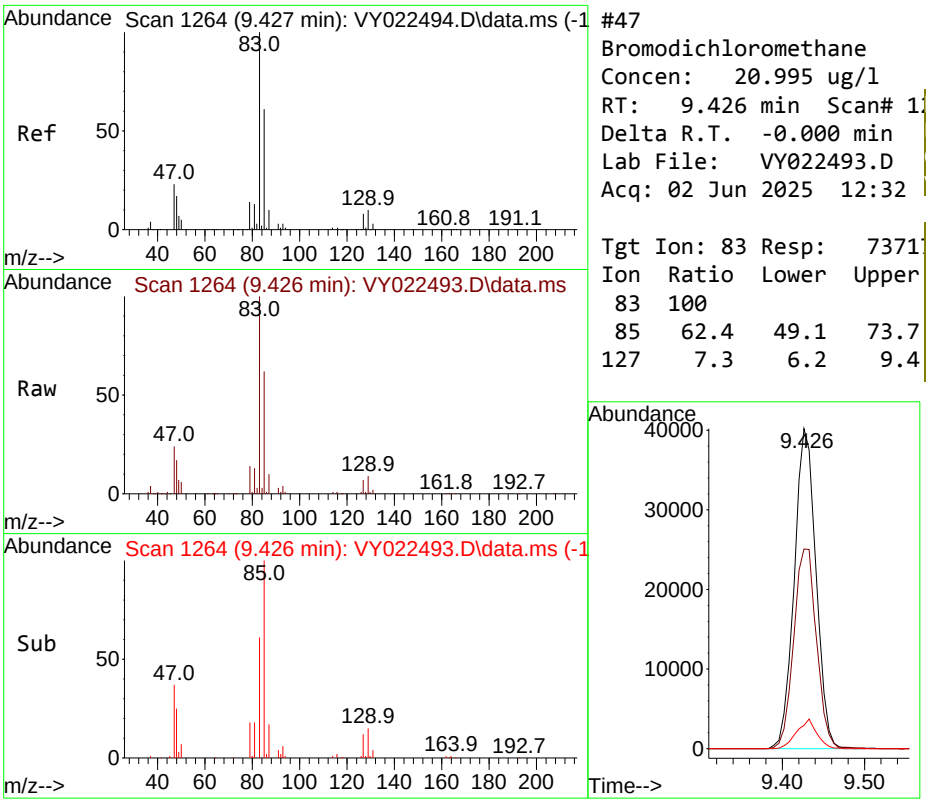


#46
Dibromomethane
Concen: 21.491 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 93 Resp: 29741

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	86.2	70.4	105.6





#47
Bromodichloromethane
Concen: 20.995 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

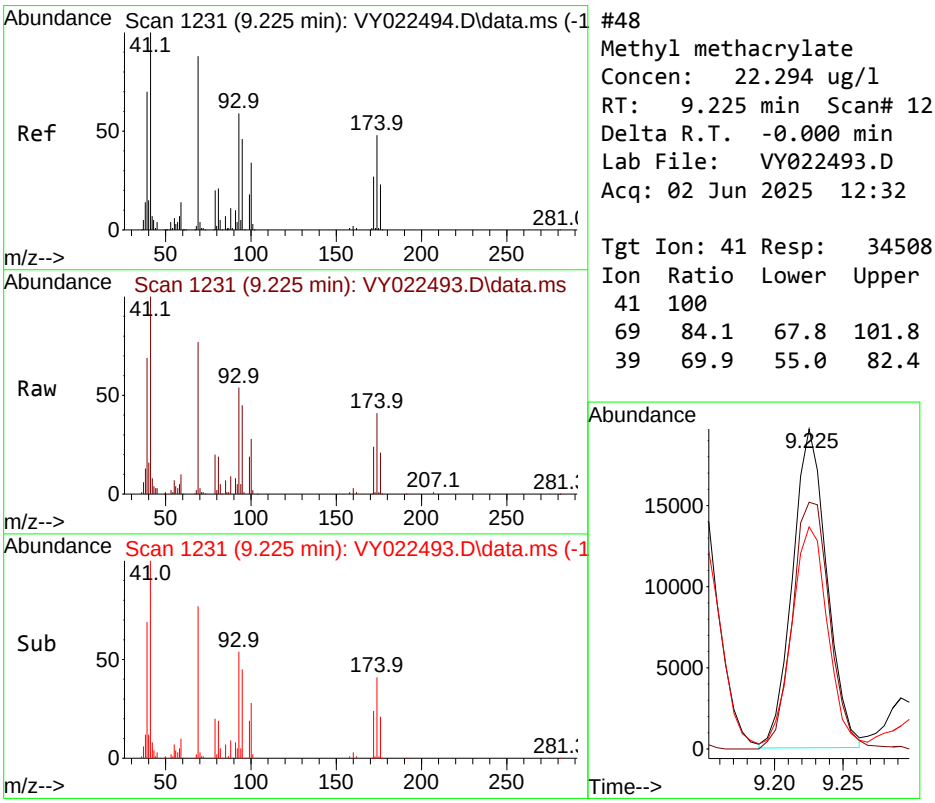
Tgt Ion: 83 Resp: 7371

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.1	73.7
127	7.3	6.2	9.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

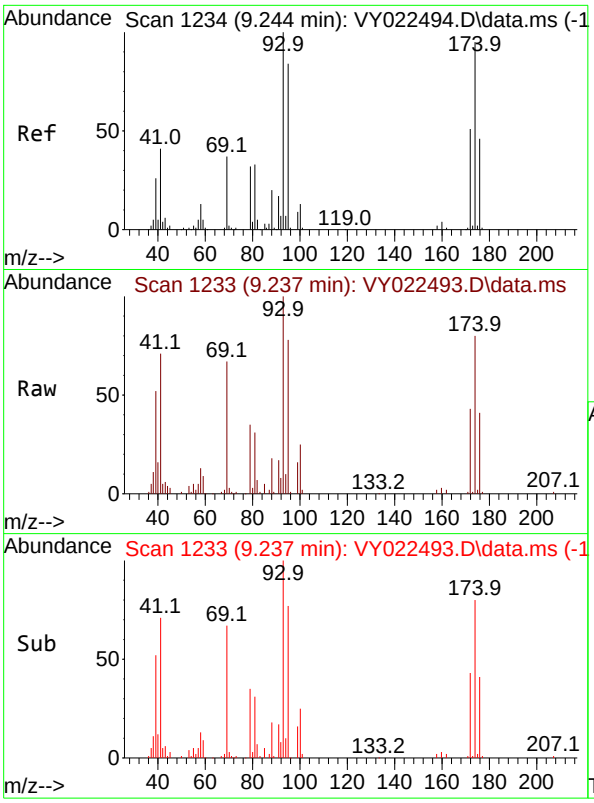
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#48
Methyl methacrylate
Concen: 22.294 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 34508

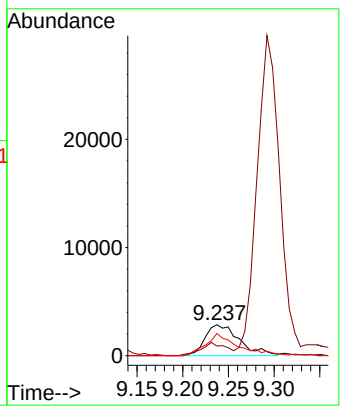
Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.8	101.8
39	69.9	55.0	82.4



#49
1,4-Dioxane
Concen: 450.895 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 88 Resp: 744

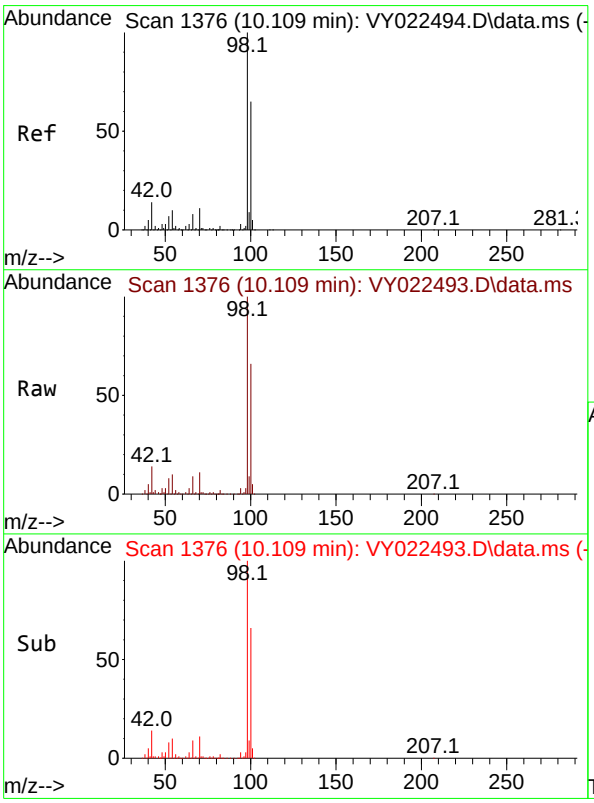
Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.4	38.2
58	67.3	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

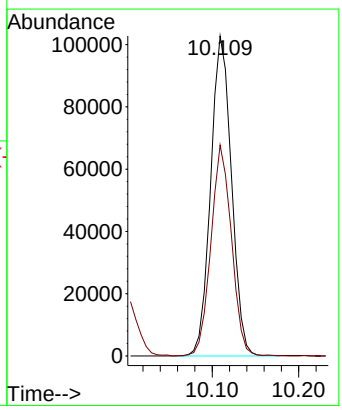
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

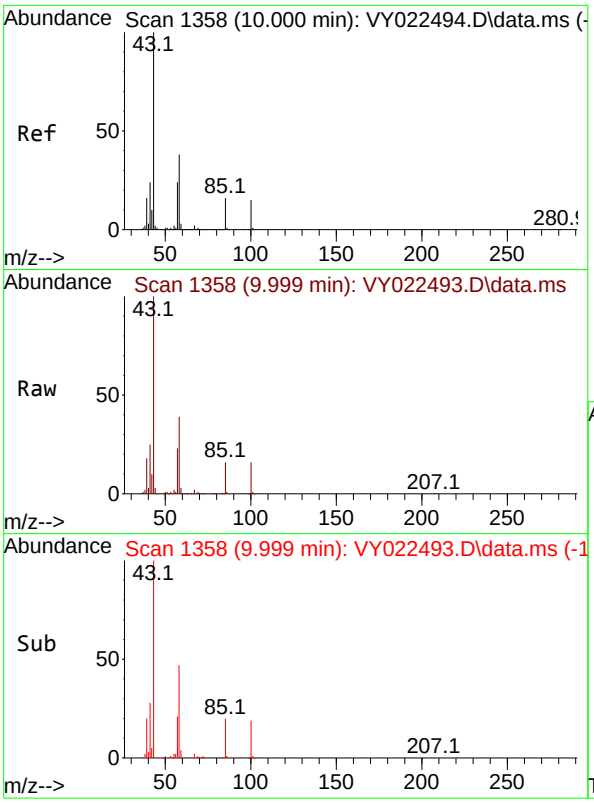


#50
Toluene-d8
Concen: 19.474 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 98 Resp: 171165

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0

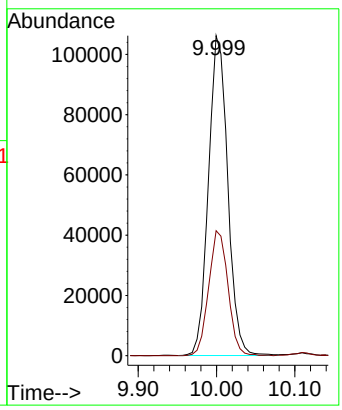




#51
4-Methyl-2-Pentanone
Concen: 108.147 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 18146

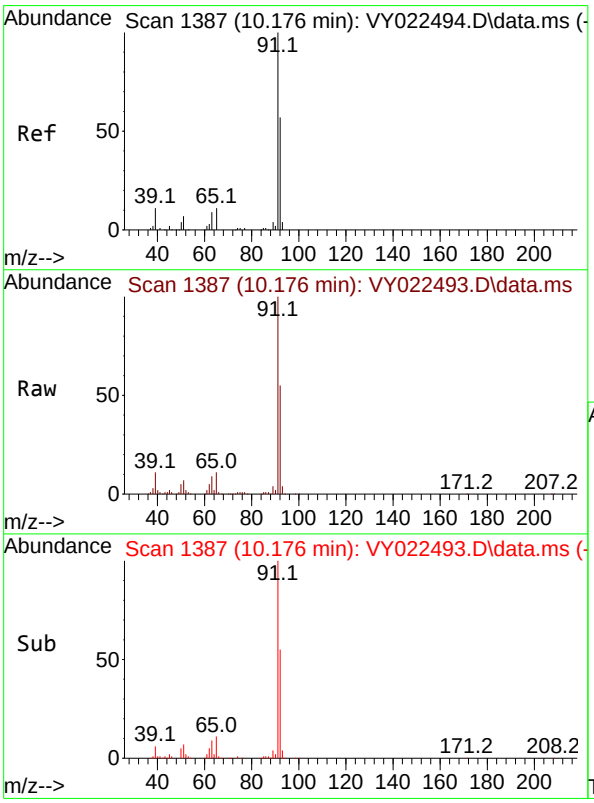
Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

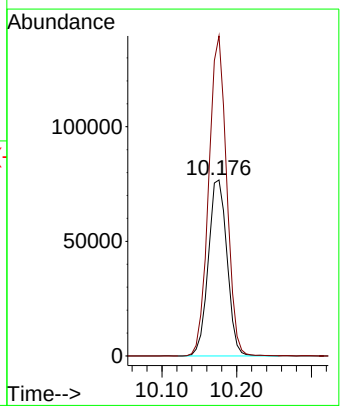
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

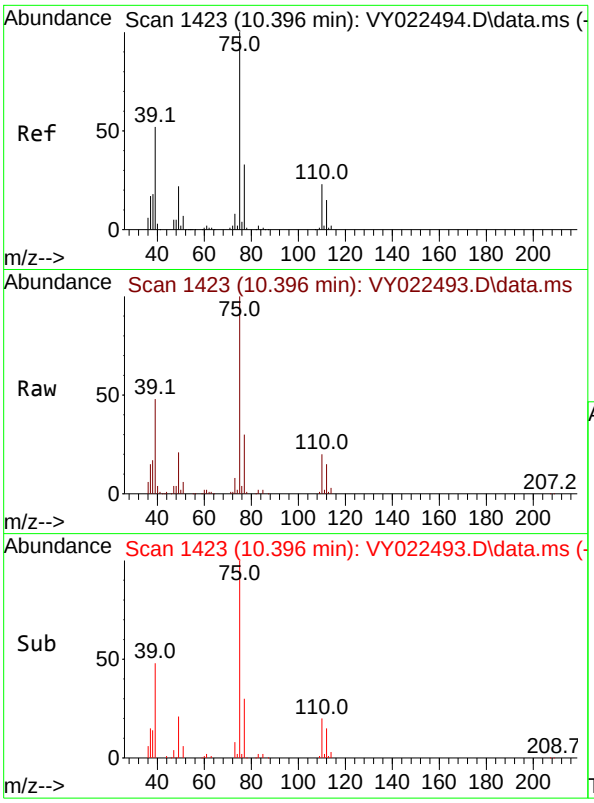


#52
Toluene
Concen: 20.508 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 92 Resp: 133601

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.0	208.4

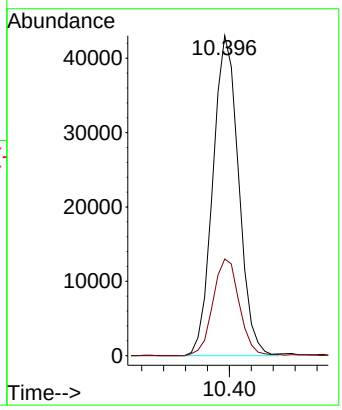




#53
t-1,3-Dichloropropene
Concen: 21.660 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 7035

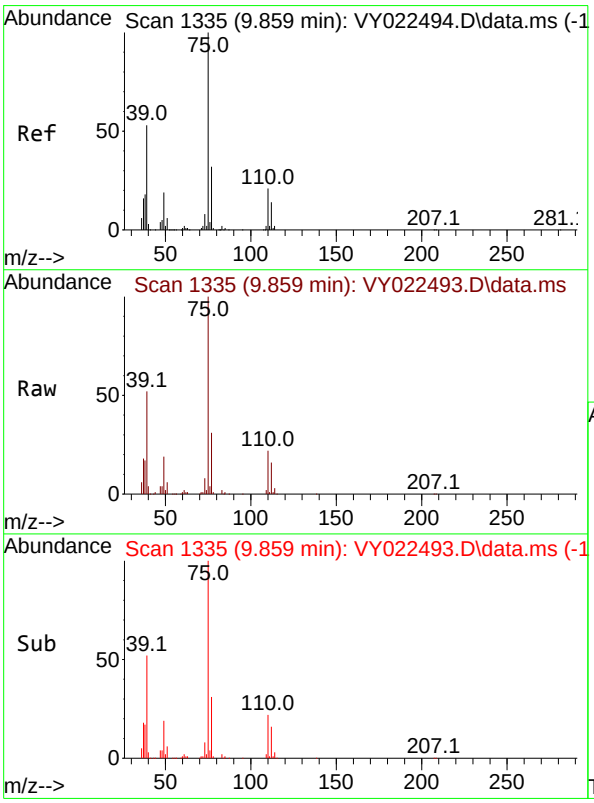
Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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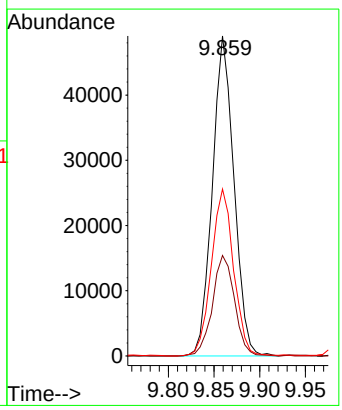
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

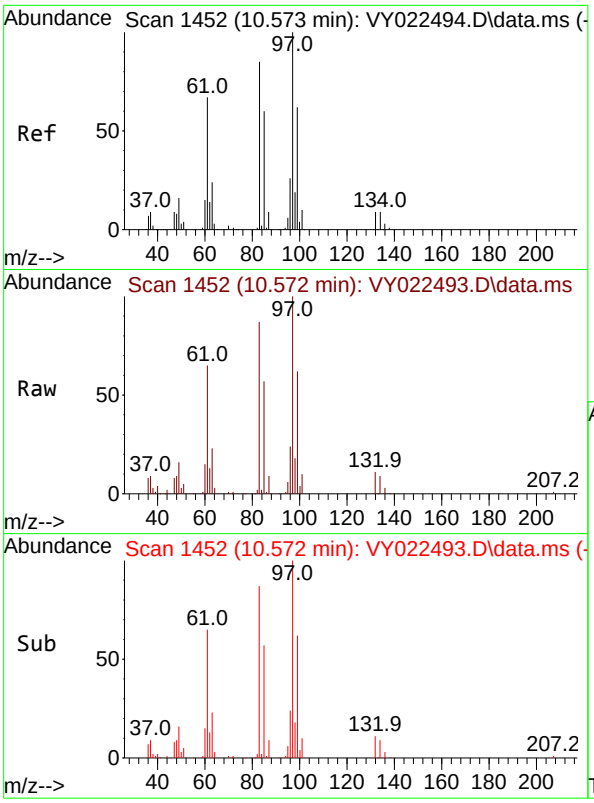


#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 80524

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	52.1	42.7	64.1

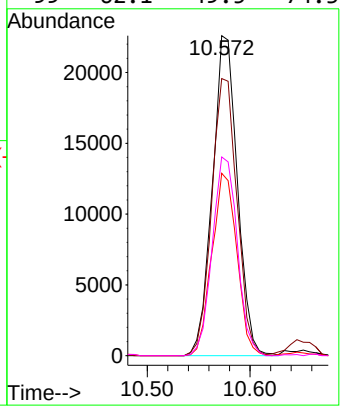




#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 3807

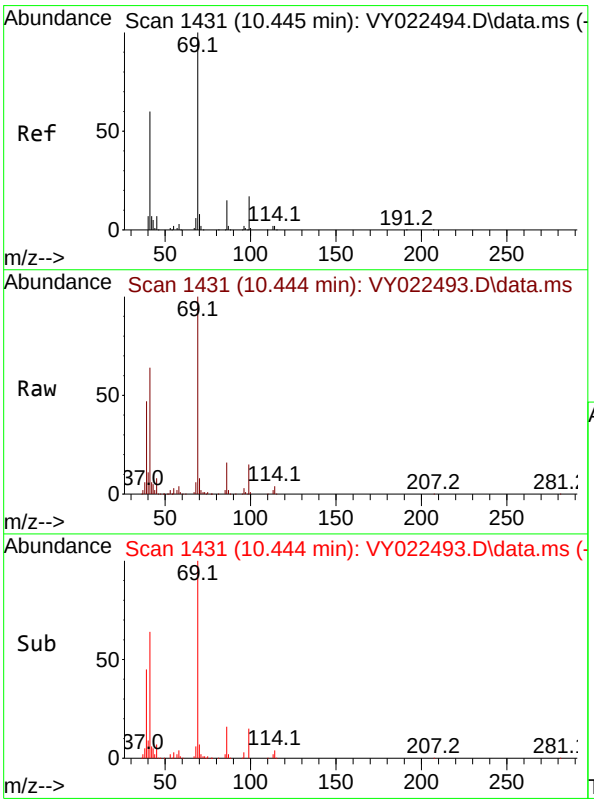
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	57.0	48.2	72.2
99	62.1	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

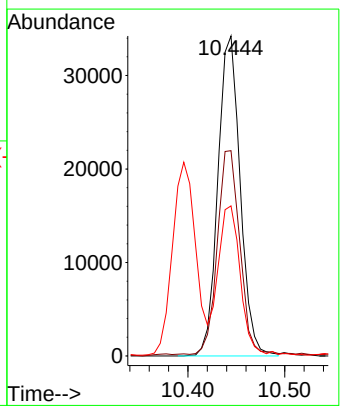
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

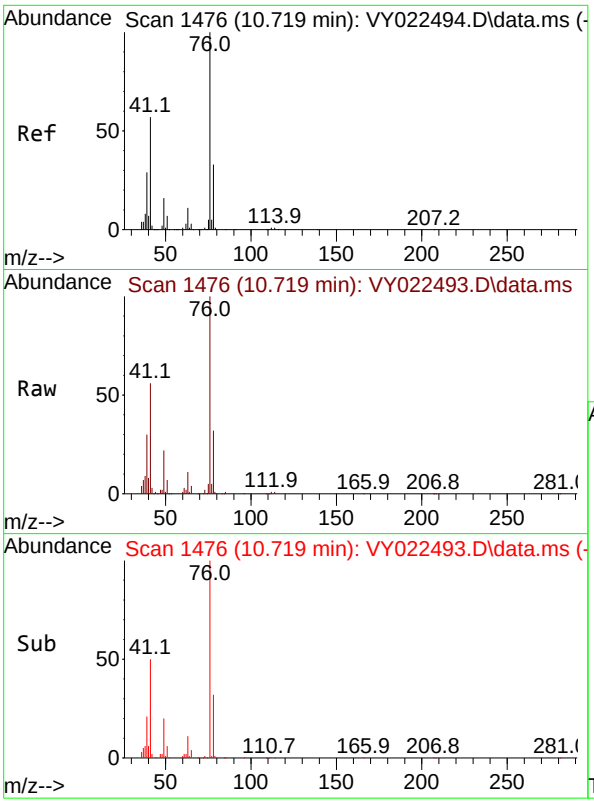


#56
Ethyl methacrylate
Concen: 21.626 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 69 Resp: 54734

Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	46.8	36.7	55.1

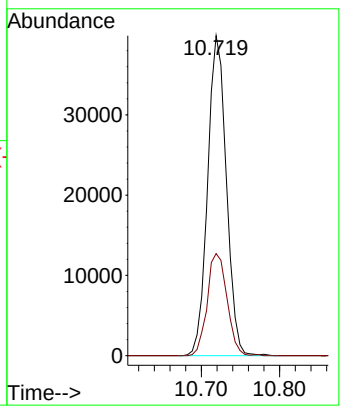




#57
1,3-Dichloropropane
Concen: 21.317 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 76 Resp: 6616

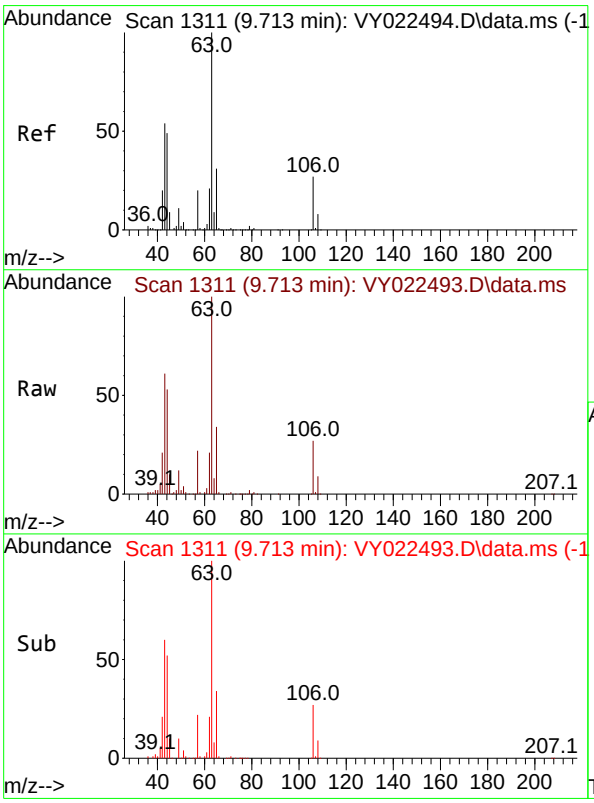
Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

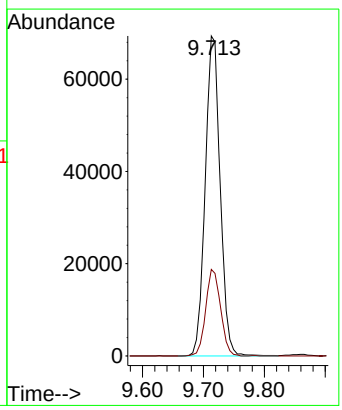
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

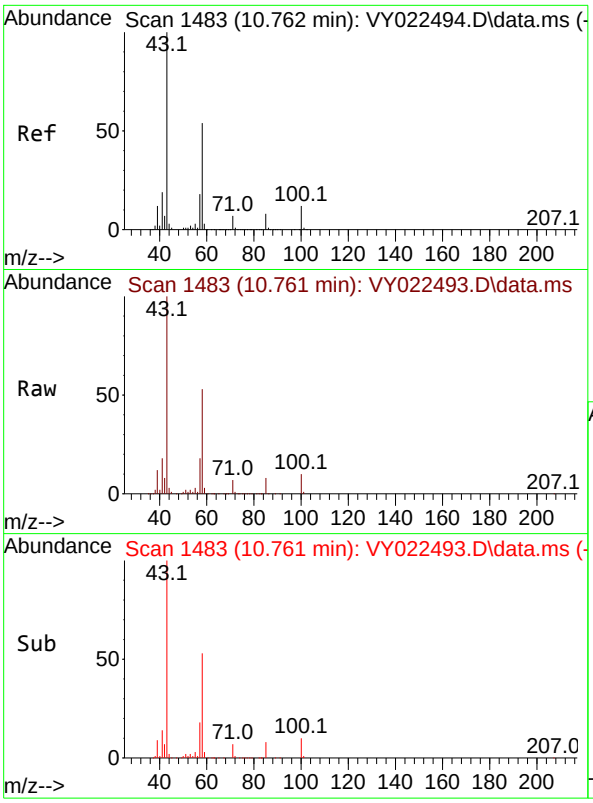


#58
2-Chloroethyl Vinyl ether
Concen: 104.797 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 118244

Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4

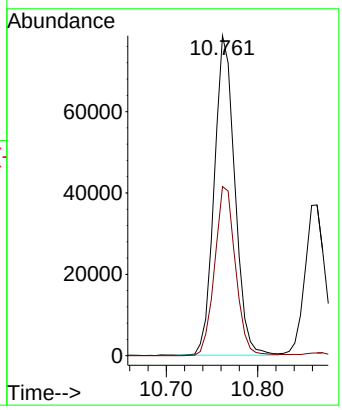




#59
2-Hexanone
Concen: 109.805 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 12281

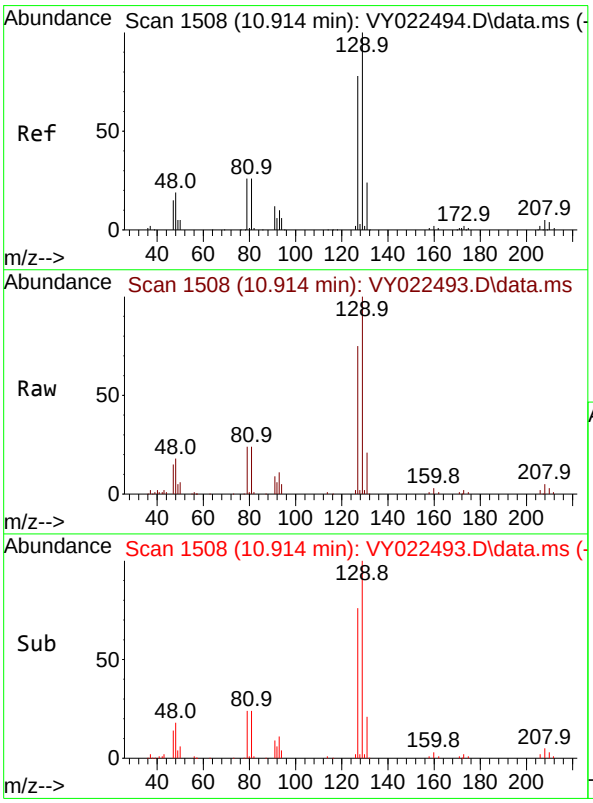
Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

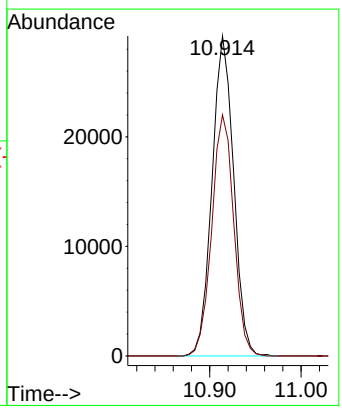
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

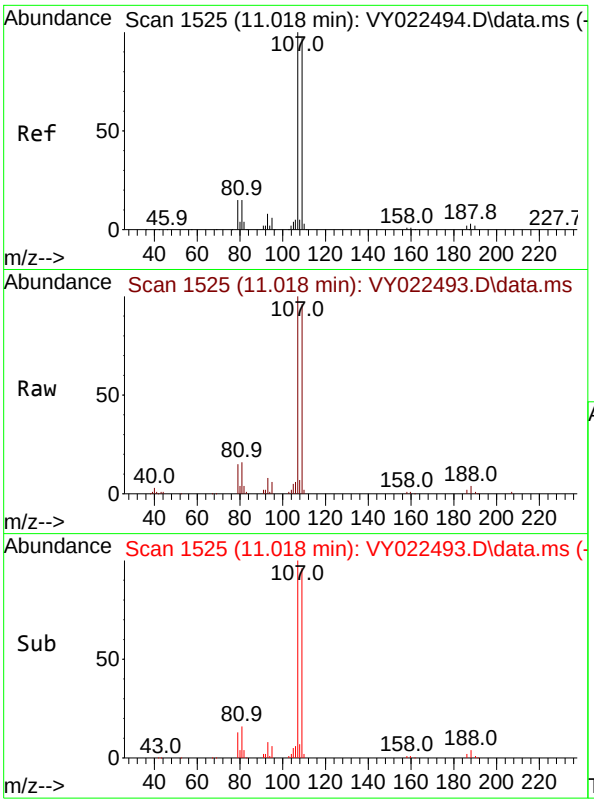


#60
Dibromochloromethane
Concen: 21.715 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:129 Resp: 47952

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.2

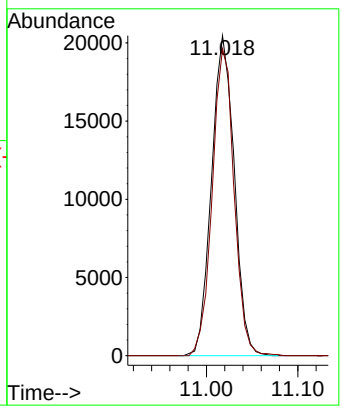




#61
1,2-Dibromoethane
Concen: 21.965 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:107 Resp: 3532

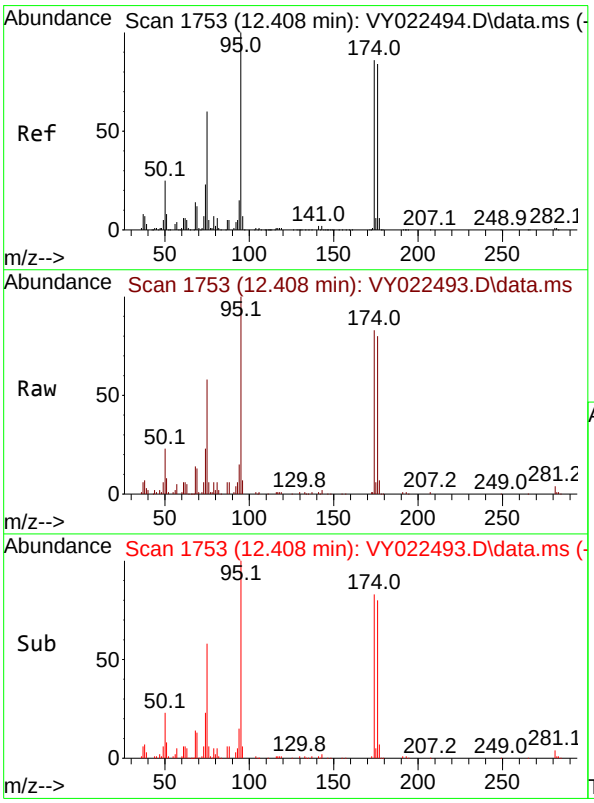
Ion	Ratio	Lower	Upper
107	100		
109	92.4	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

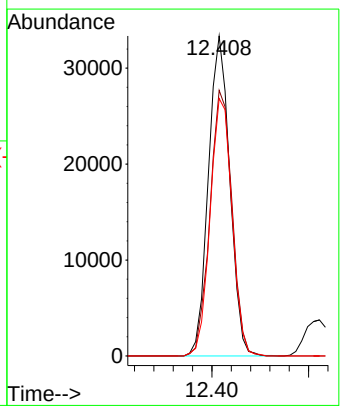
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

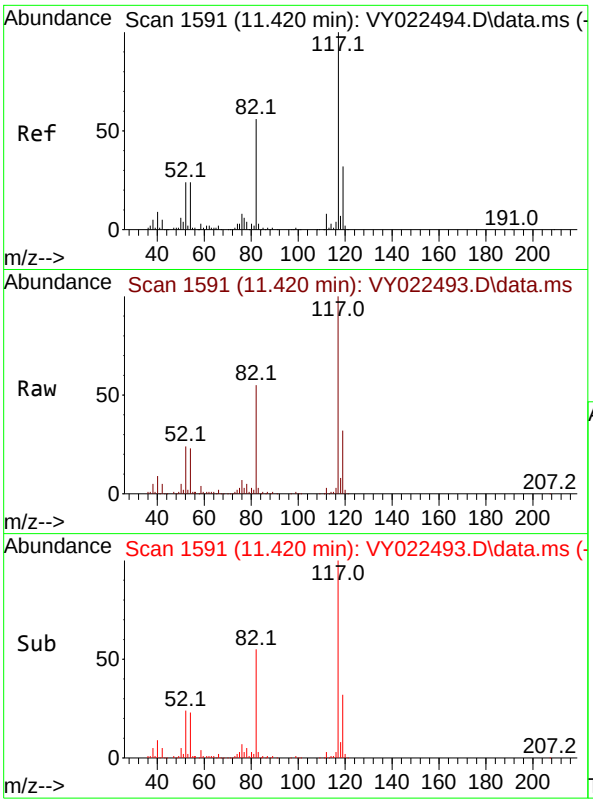


#62
4-Bromofluorobenzene
Concen: 19.225 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 95 Resp: 51231

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	170.0
176	82.3	0.0	166.2

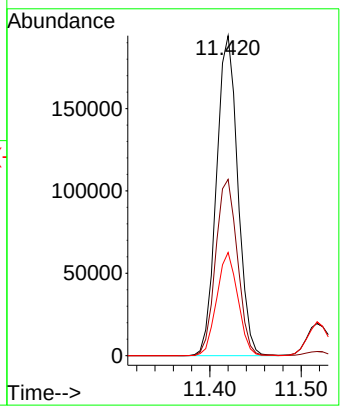




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 31427

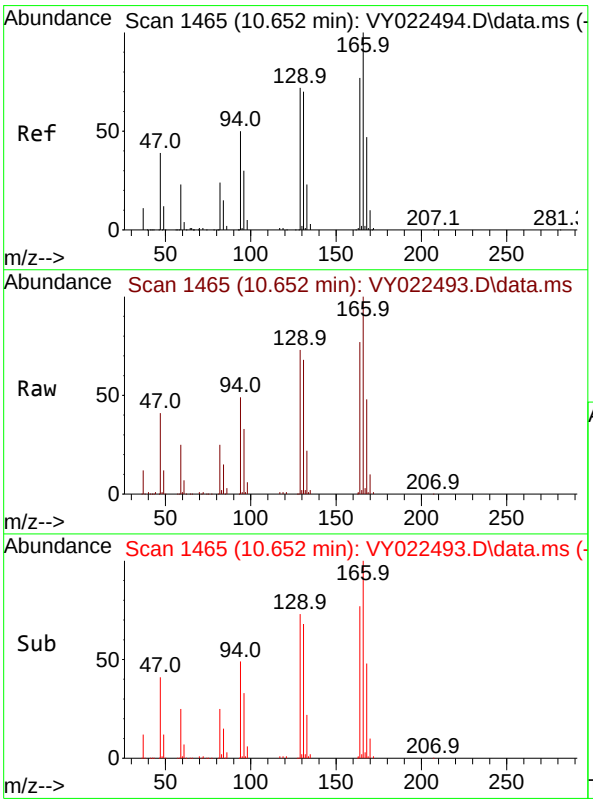
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

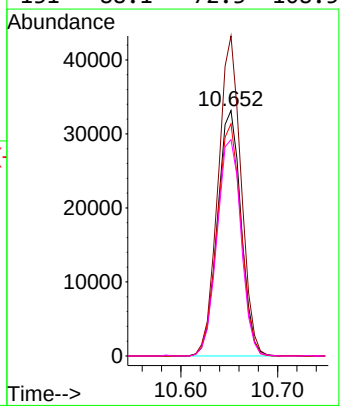
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

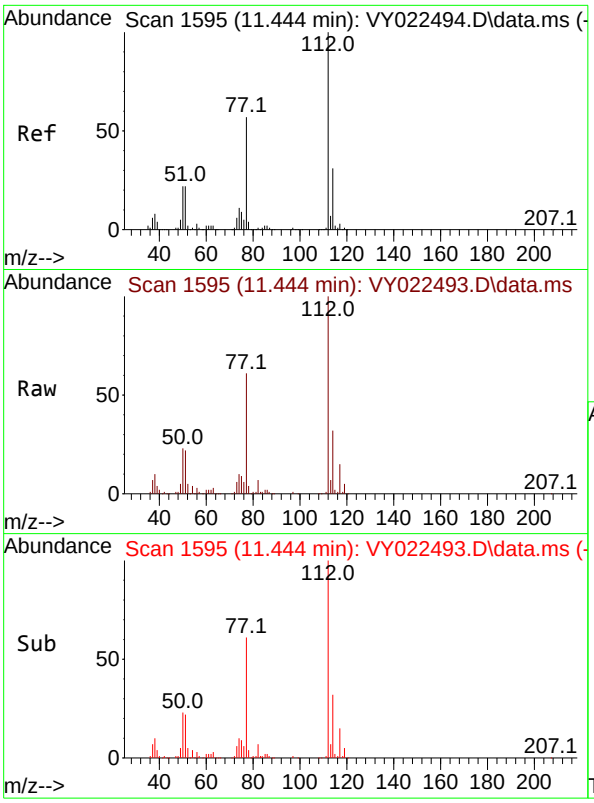


#64
Tetrachloroethene
Concen: 21.063 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:164 Resp: 56256

Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	94.6	74.5	111.7
131	88.1	72.3	108.5

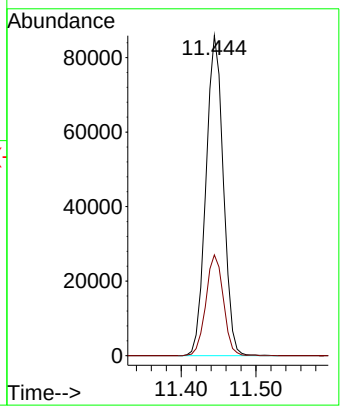




#65
Chlorobenzene
Concen: 20.336 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:112 Resp: 13858

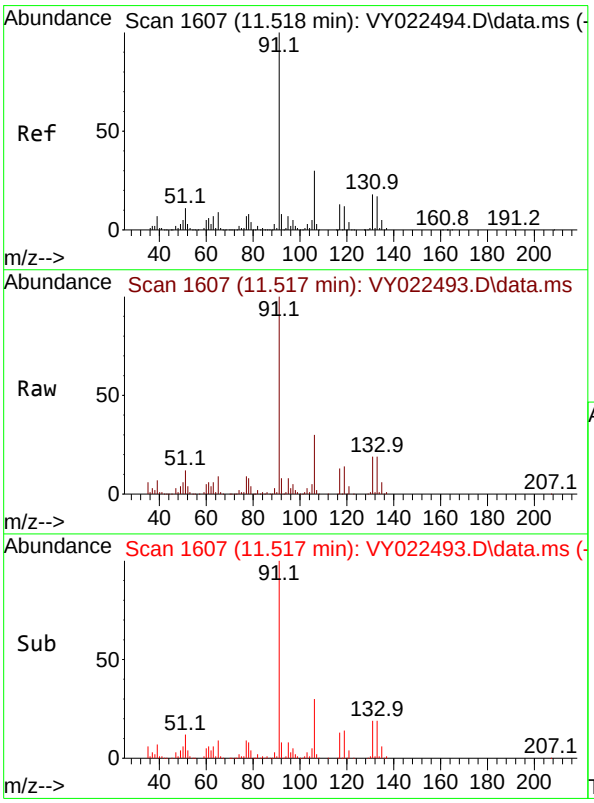
Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

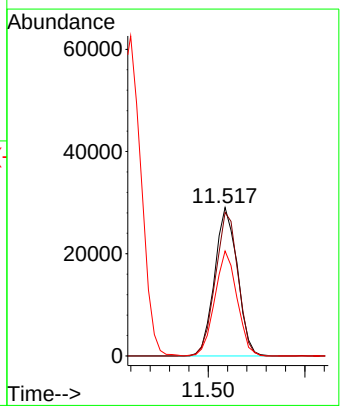
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

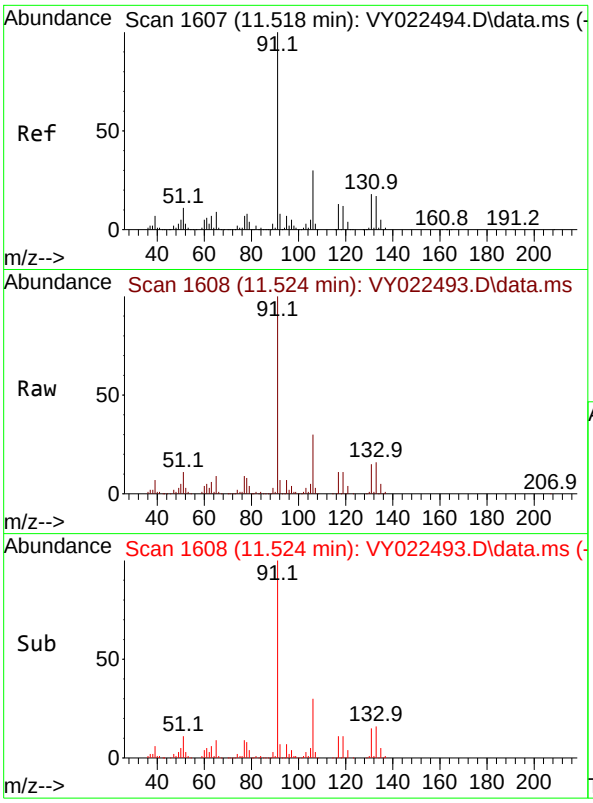


#66
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:131 Resp: 47587

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.8
119	68.9	33.1	99.3

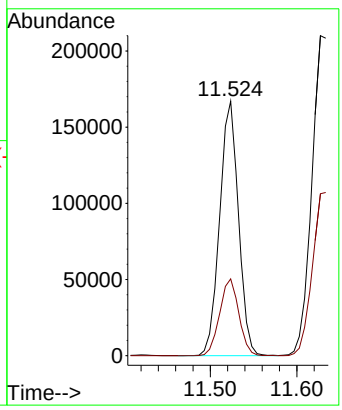




#67
Ethyl Benzene
Concen: 19.871 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 25218

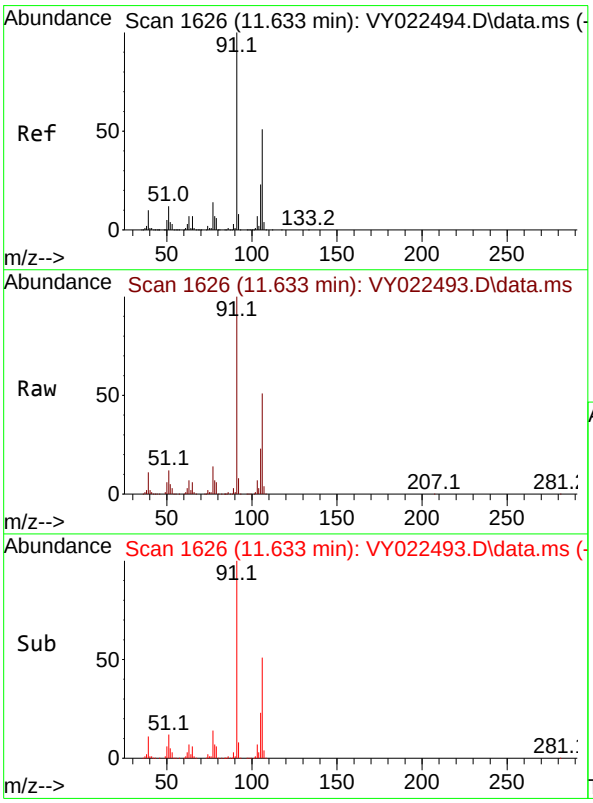
Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

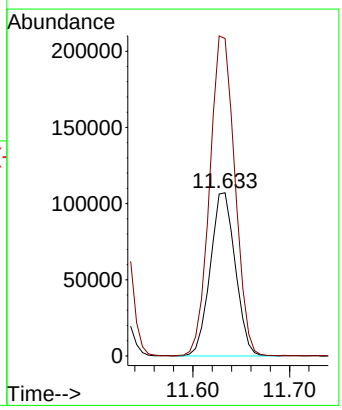
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

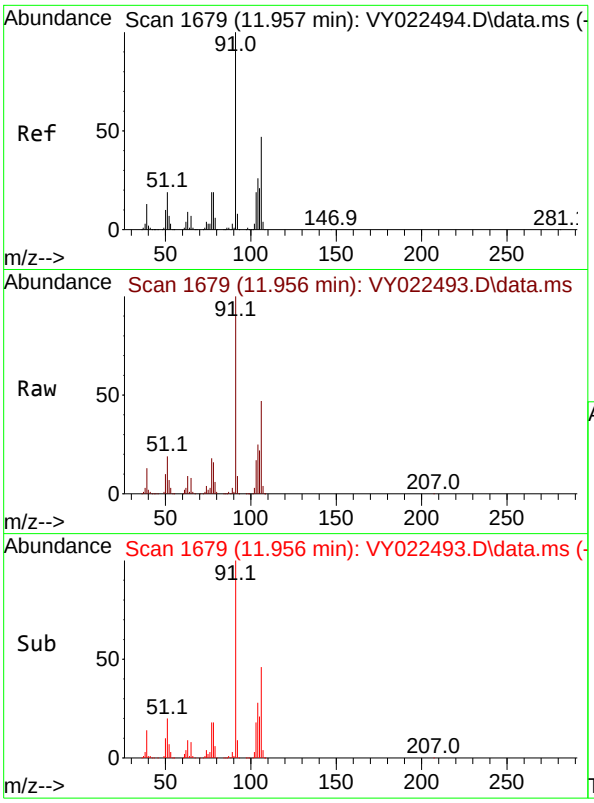


#68
m/p-Xylenes
Concen: 40.053 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 192372

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0

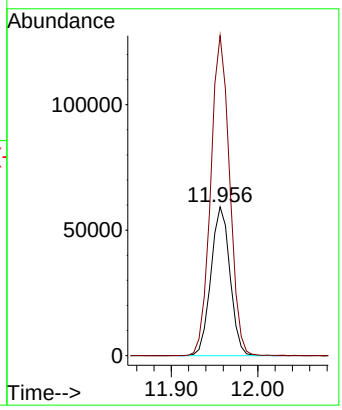




#69
o-Xylene
Concen: 20.155 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 9059

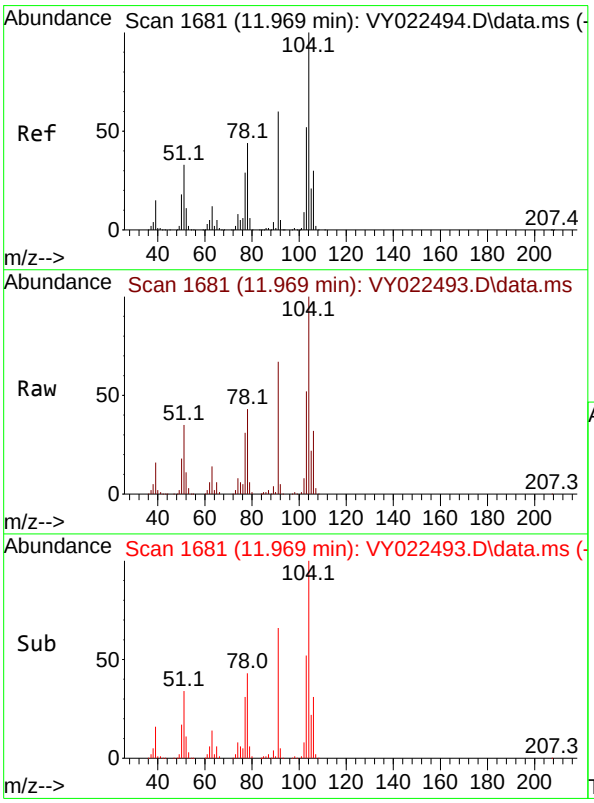
Ion	Ratio	Lower	Upper
106	100		
91	214.1	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

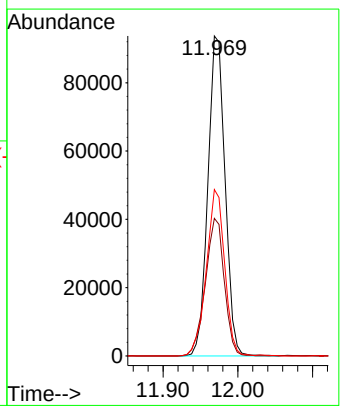
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

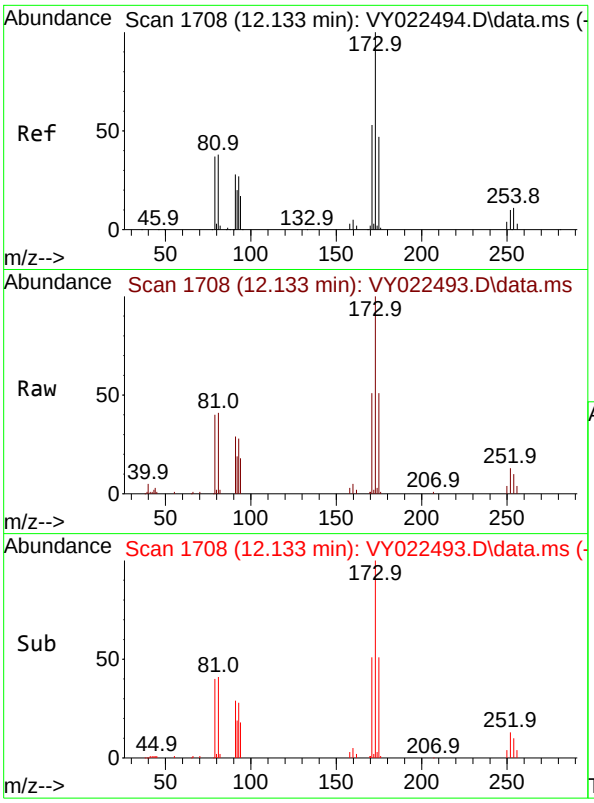


#70
Styrene
Concen: 20.086 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:104 Resp: 149486

Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.5	59.3
103	55.4	44.1	66.1

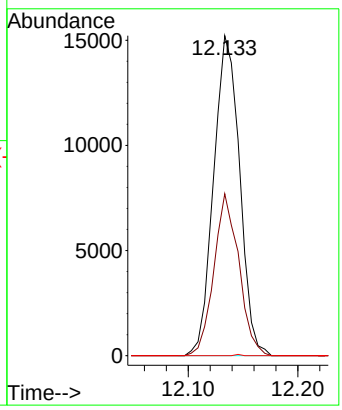




#71
Bromoform
Concen: 20.668 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:173 Resp: 2508

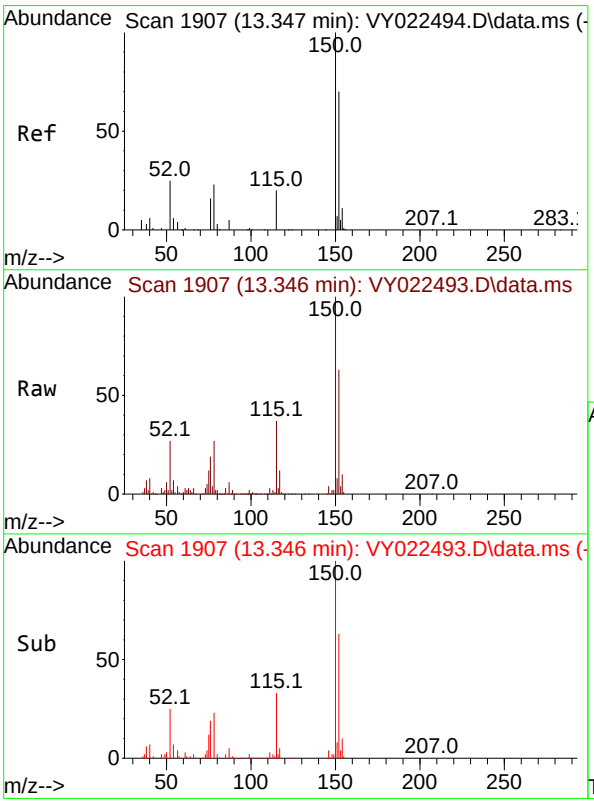
Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

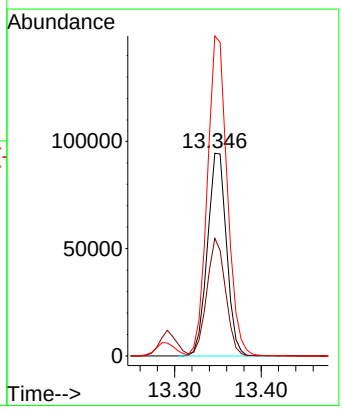
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

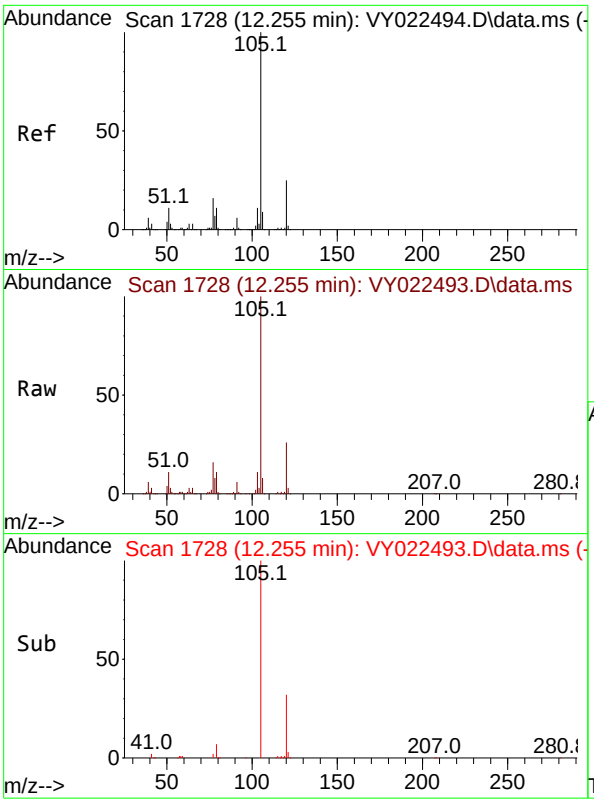


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.7
150	164.8	0.0	349.6

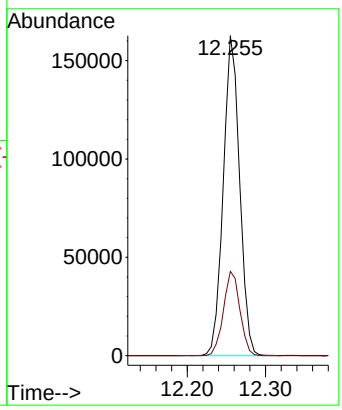




#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 23618

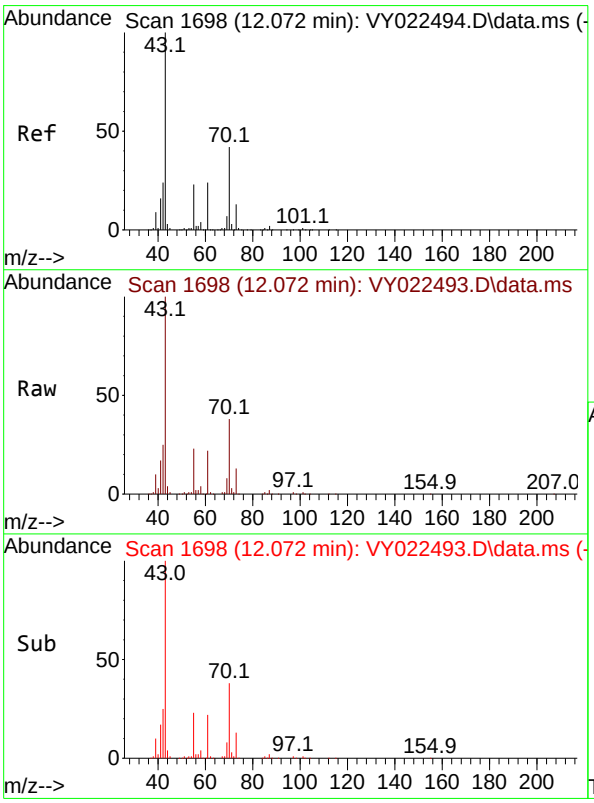
Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

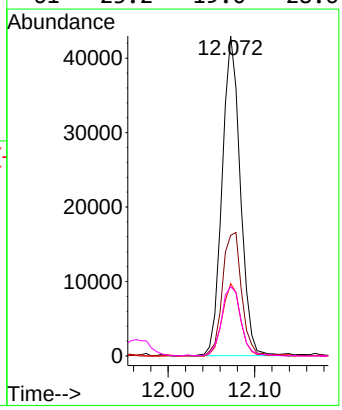
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

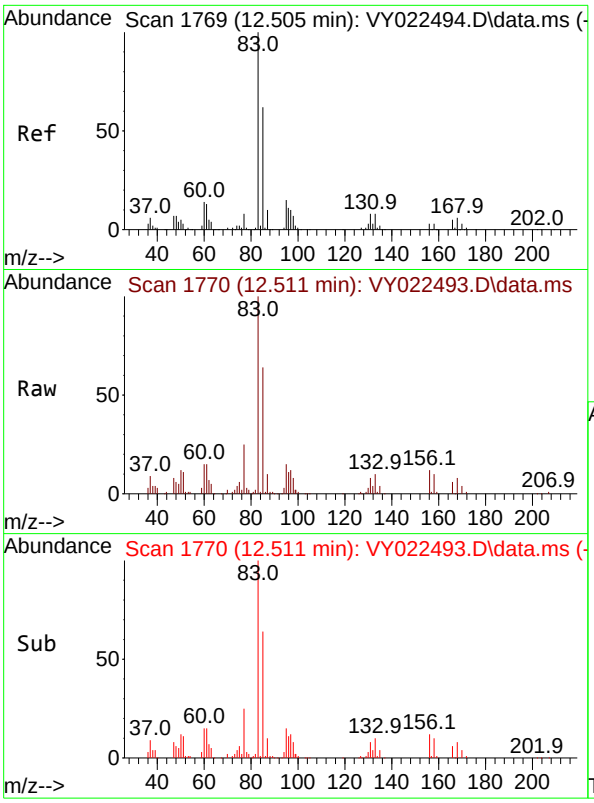


#74
N-amyl acetate
Concen: 21.224 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 62437

Ion	Ratio	Lower	Upper
43	100		
70	41.2	34.2	51.2
55	22.6	18.2	27.4
61	23.2	19.0	28.6

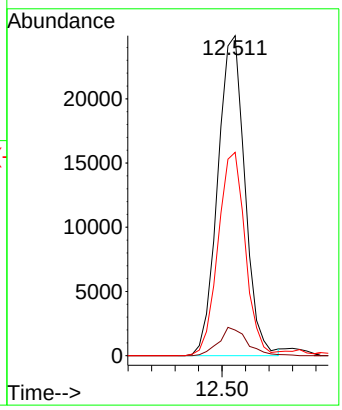




#75
1,1,2,2-Tetrachloroethane
Concen: 21.165 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 3998

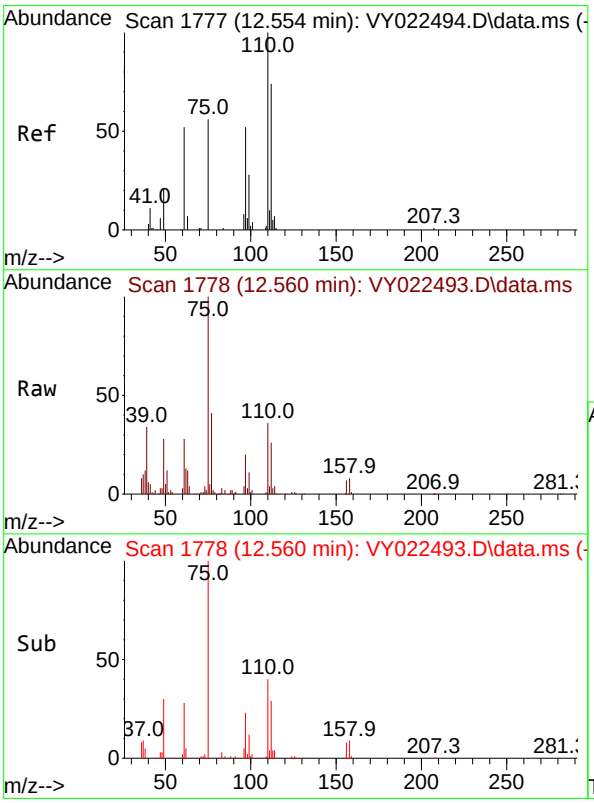
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.8	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

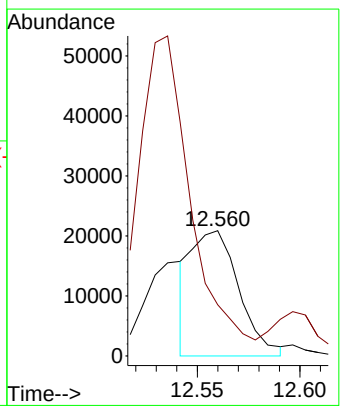
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

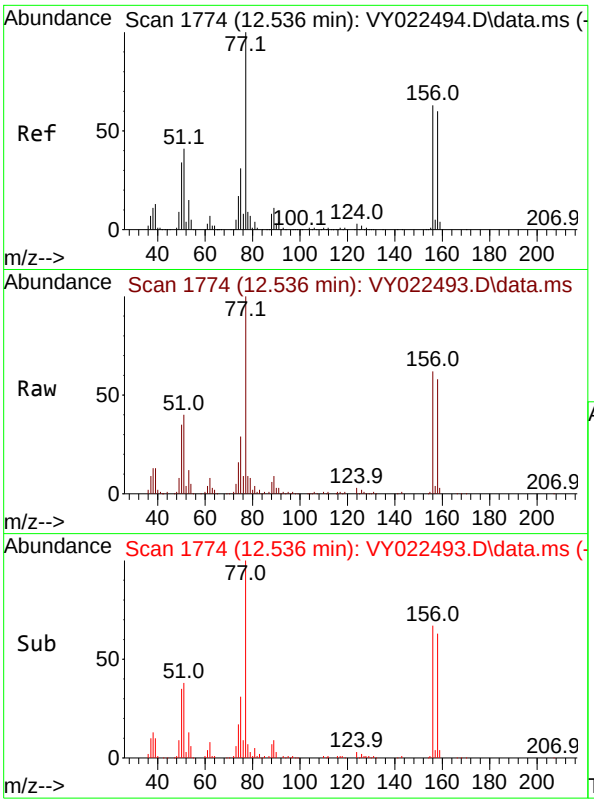


#76
1,2,3-Trichloropropane
Concen: 17.622 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 33589

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

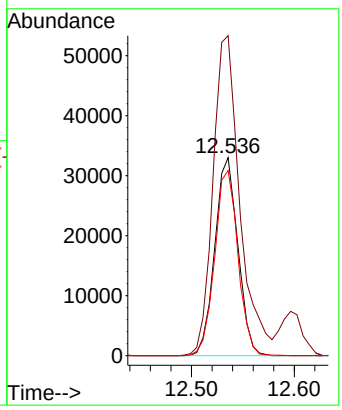




#77
Bromobenzene
Concen: 20.853 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:156 Resp: 5141

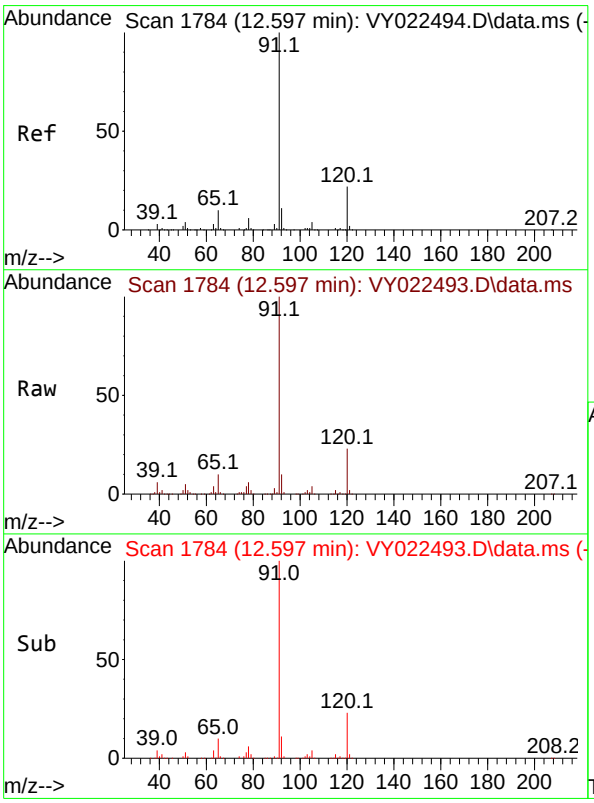
Ion	Ratio	Lower	Upper
156	100		
77	187.6	94.0	282.1
158	94.2	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

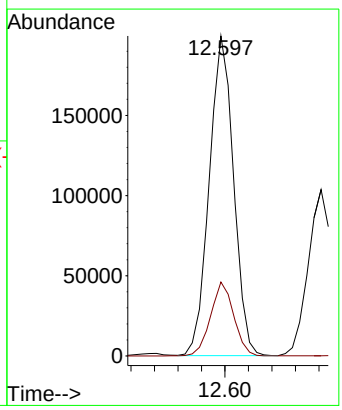
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

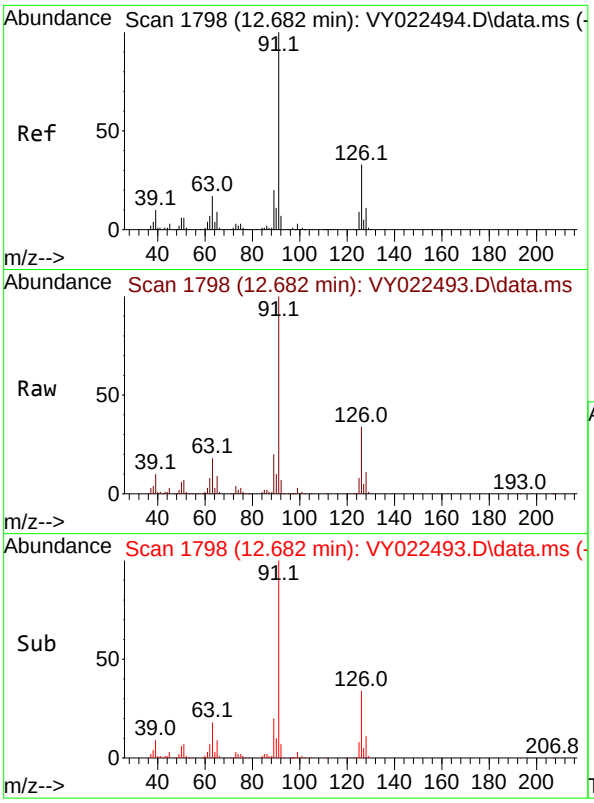


#78
n-propylbenzene
Concen: 20.239 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 286589

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4

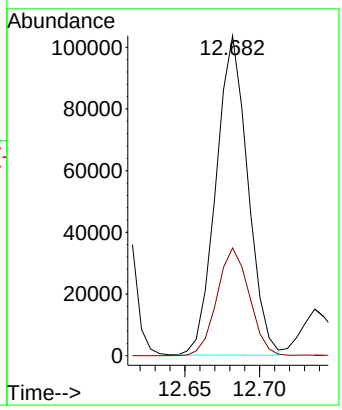




#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 15325

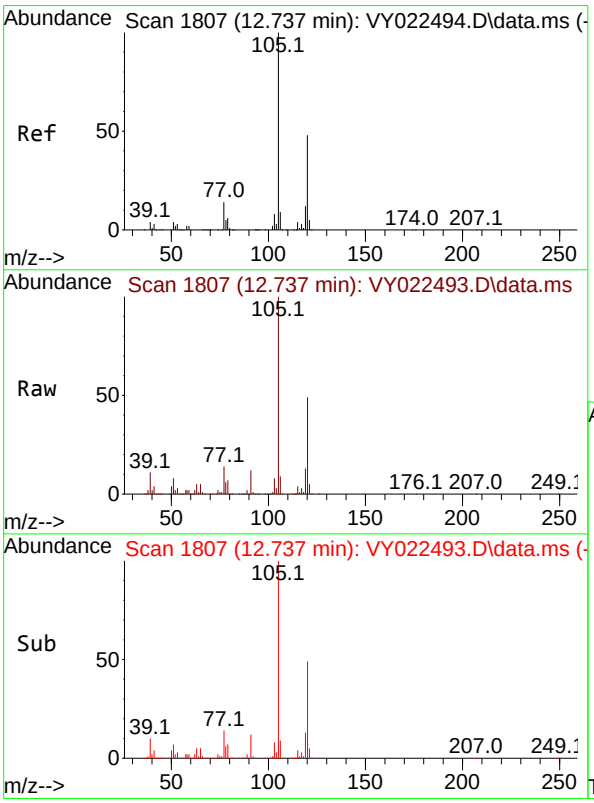
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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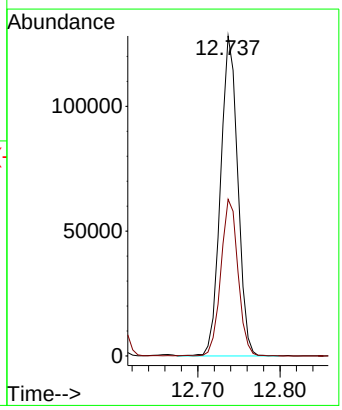
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

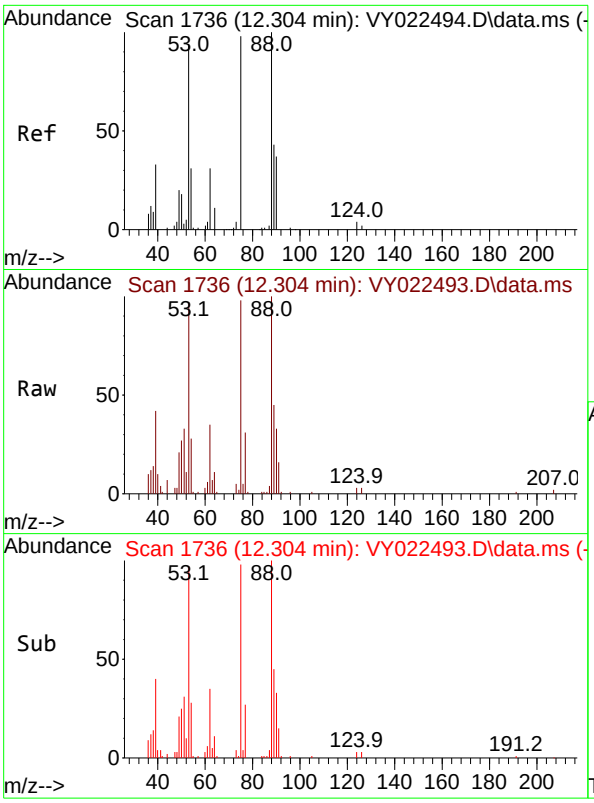


#80
1,3,5-Trimethylbenzene
Concen: 20.570 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 187101

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.904 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

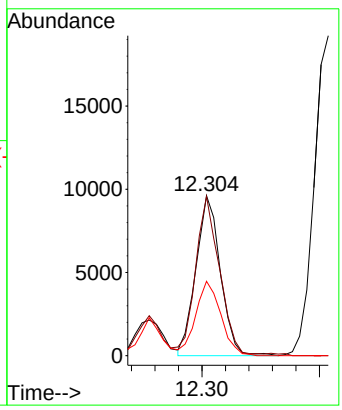
Tgt Ion: 75 Resp: 1389

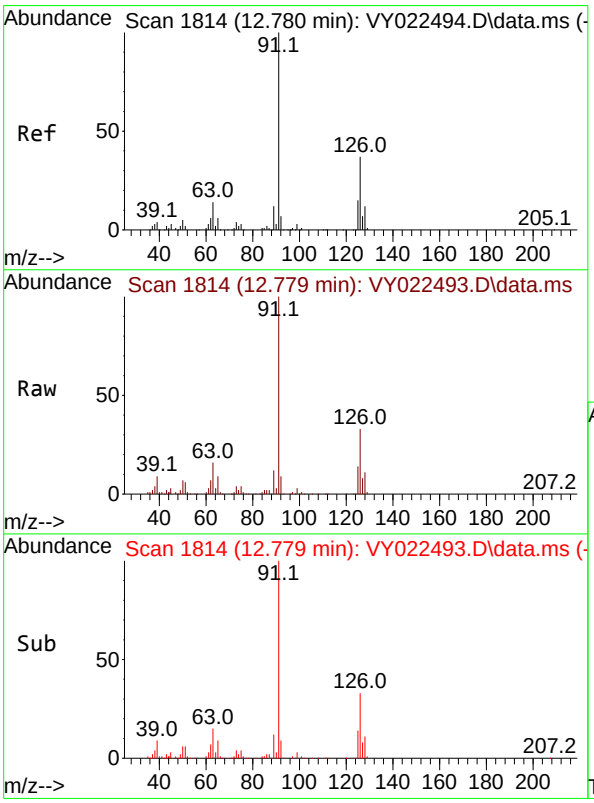
Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	47.7	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

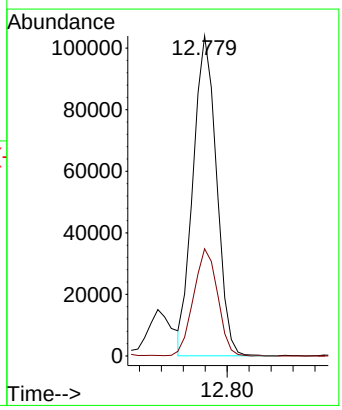


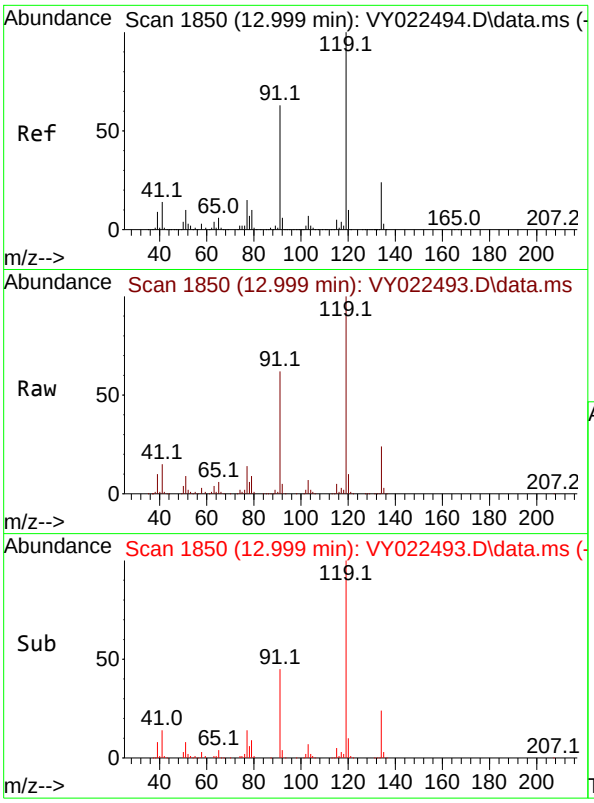


#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 154601

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9

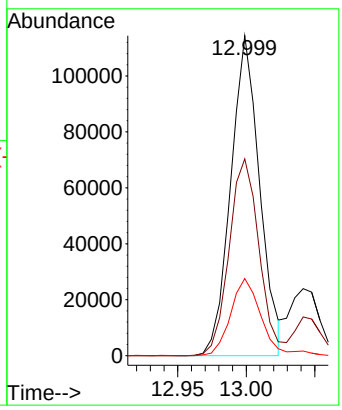




#83
tert-Butylbenzene
Concen: 20.188 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 16751

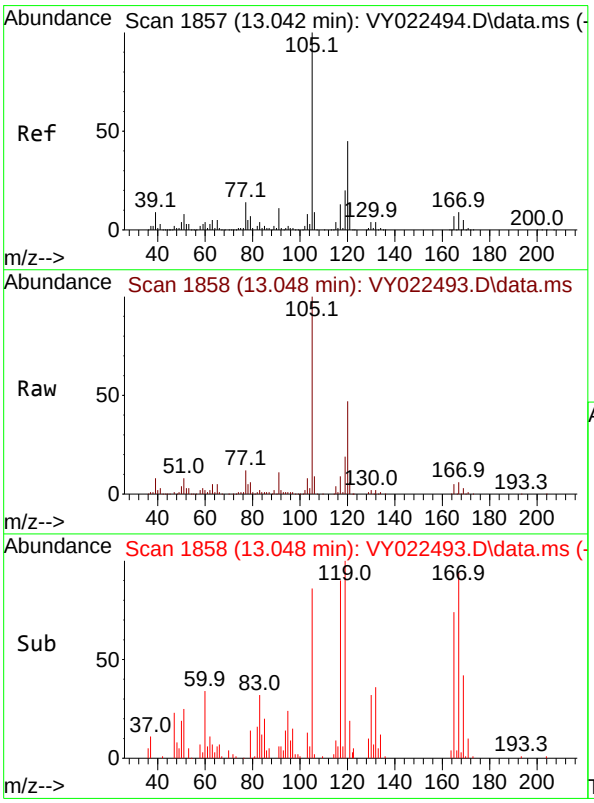
Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	25.7	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

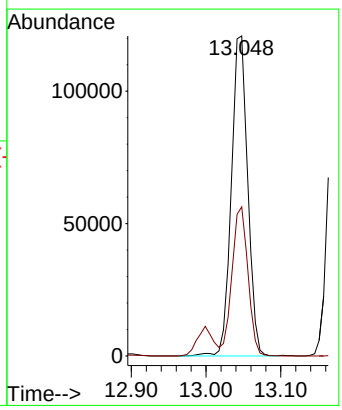
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

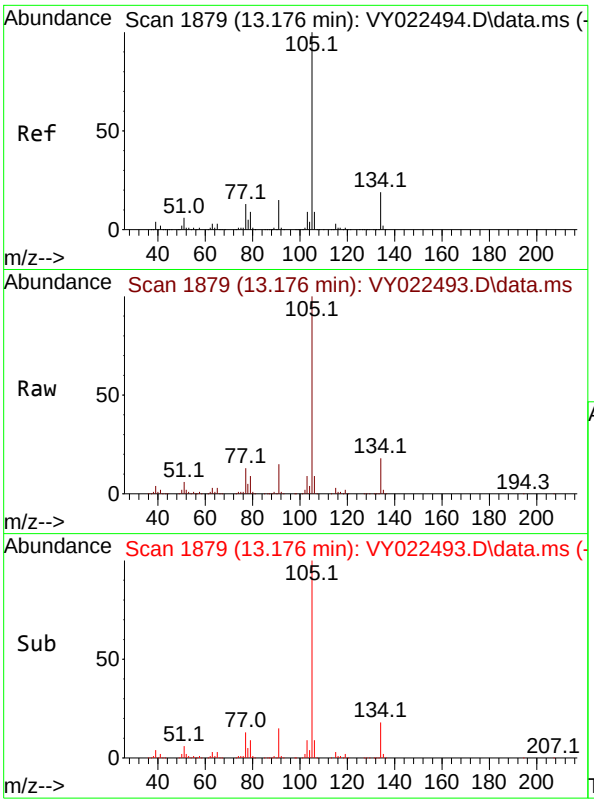


#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 184202

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1





#85
sec-Butylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

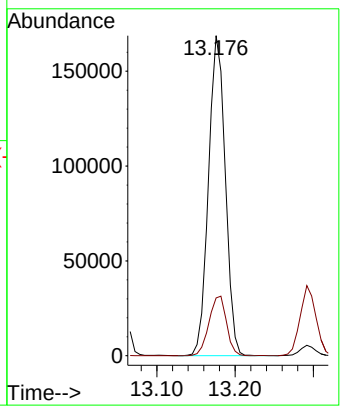
Tgt Ion:105 Resp: 25135

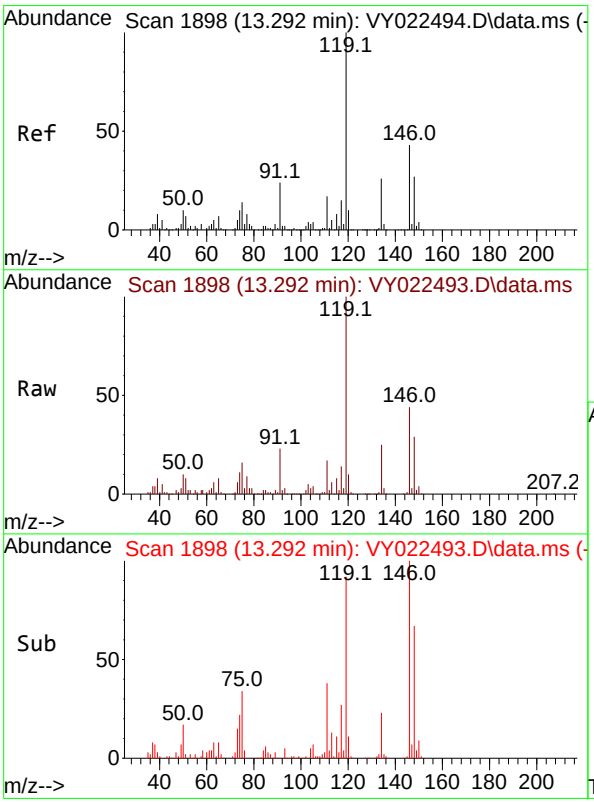
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

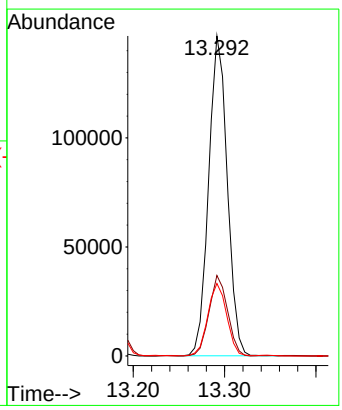


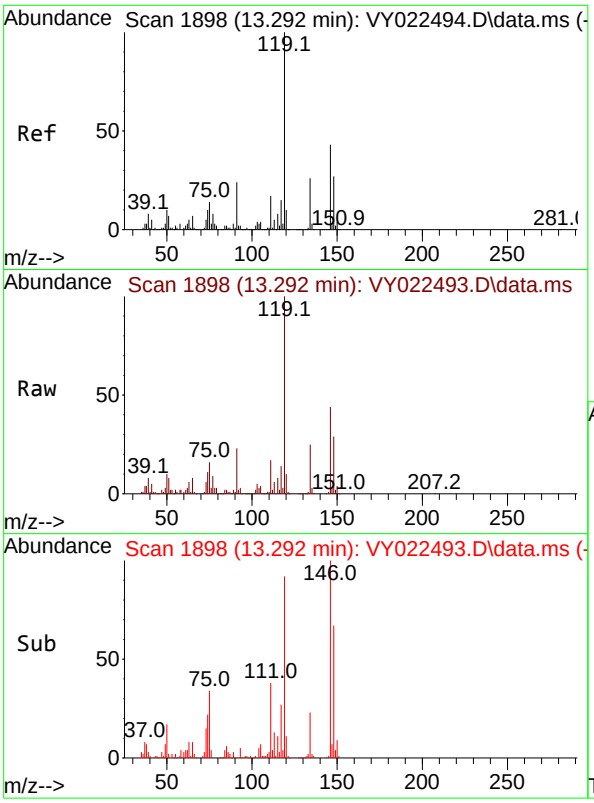


#86
p-Isopropyltoluene
Concen: 20.054 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 207417

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.1	39.1
91	22.8	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 20.252 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

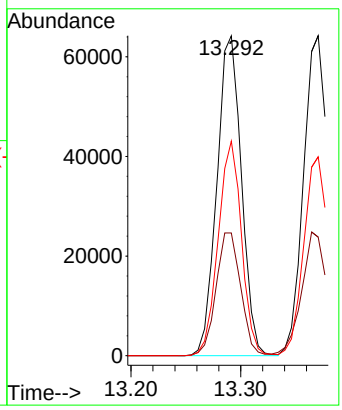
Tgt Ion:146 Resp: 9990

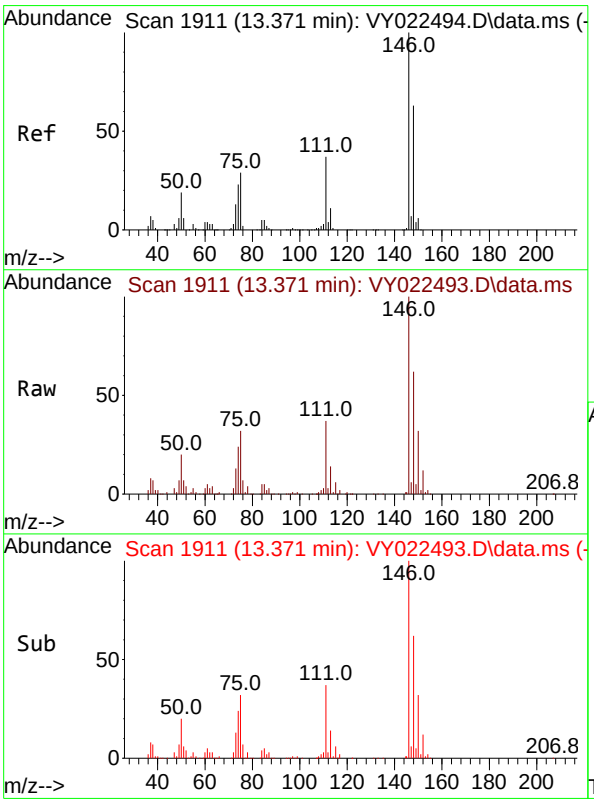
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

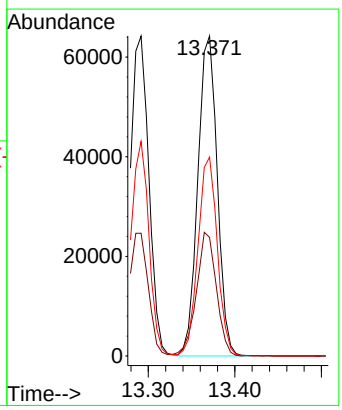


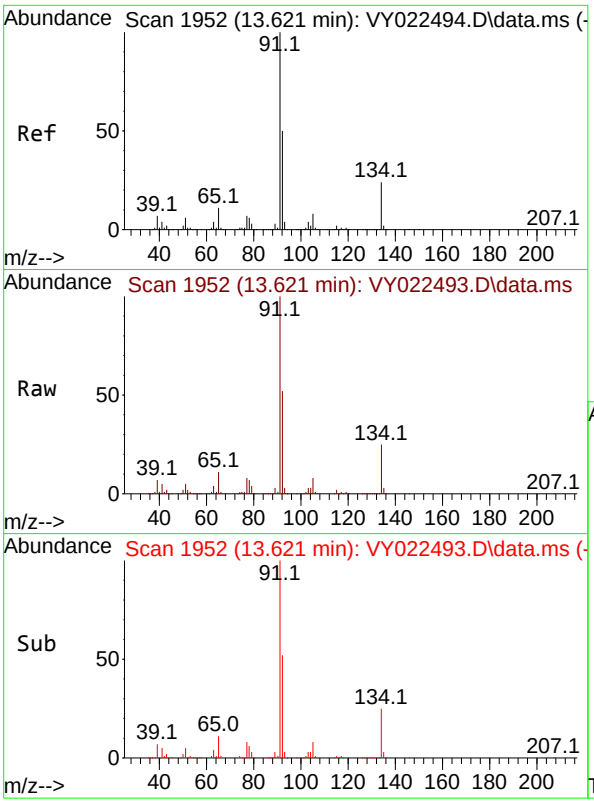


#88
1,4-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 100082

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	62.1	31.6	94.8

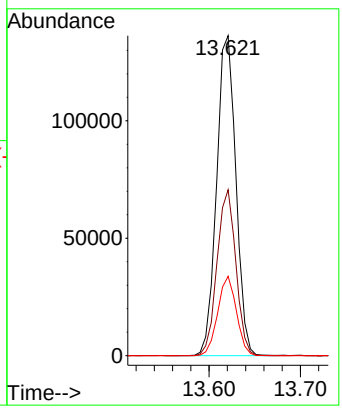




#89
n-Butylbenzene
Concen: 20.287 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 19978

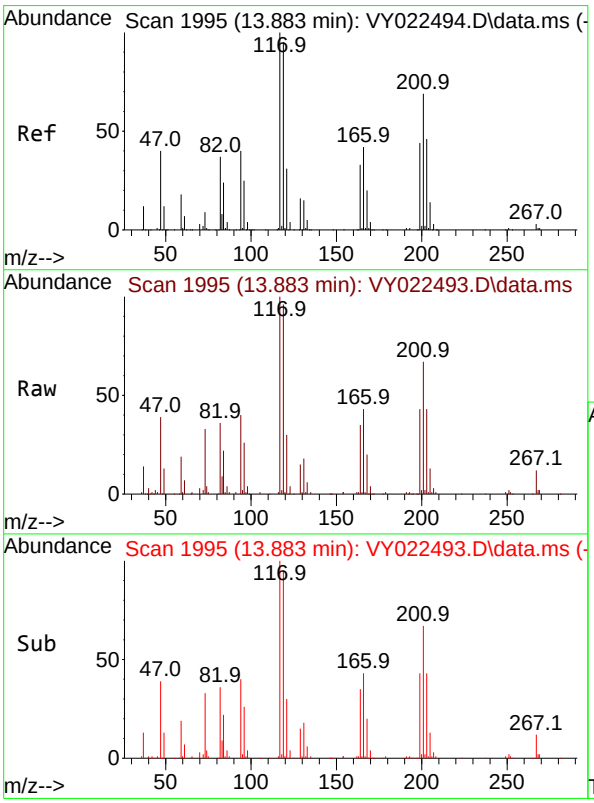
Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

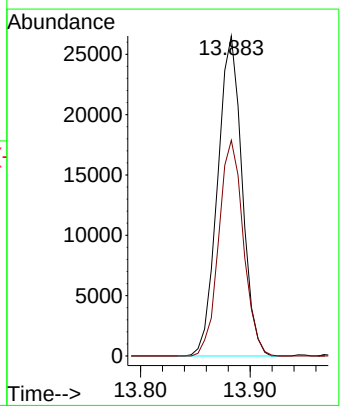
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

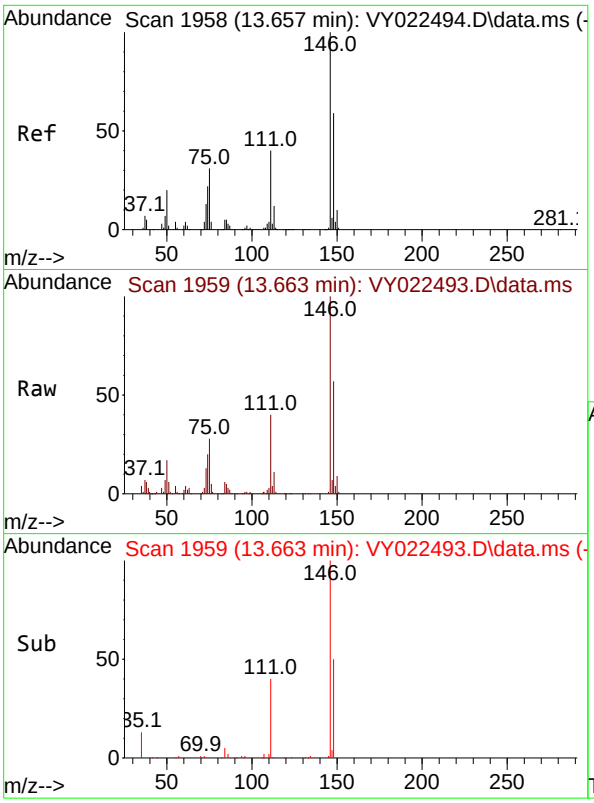


#90
Hexachloroethane
Concen: 20.316 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 41119

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	102.0

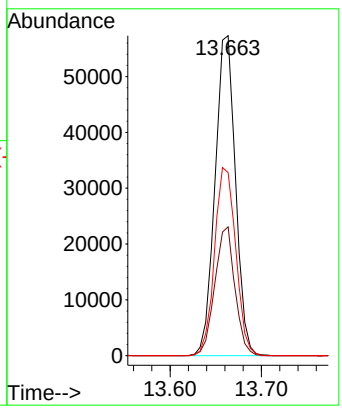




#91
1,2-Dichlorobenzene
Concen: 21.085 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 8935

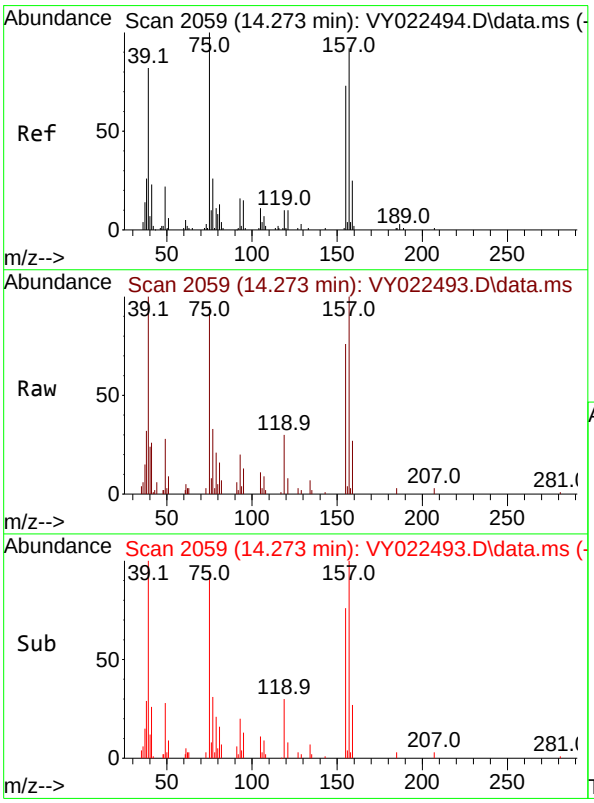
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	60.9	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

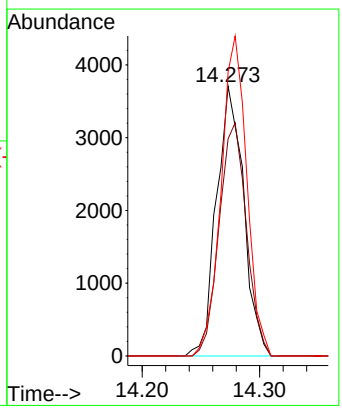
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

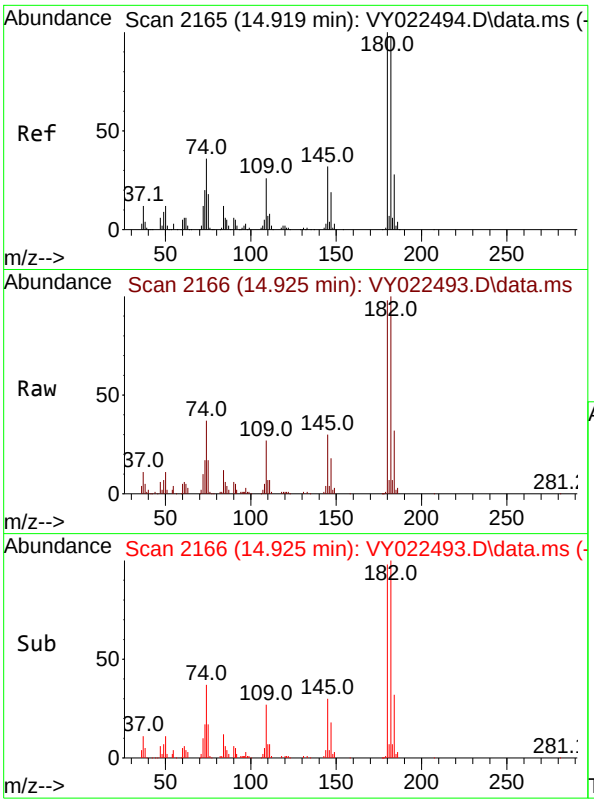


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.796 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 5939

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	112.6	54.0	162.0

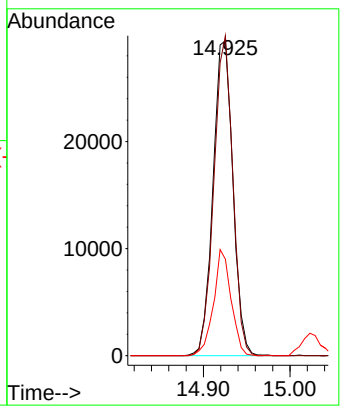




#93
1,2,4-Trichlorobenzene
Concen: 20.254 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 4691

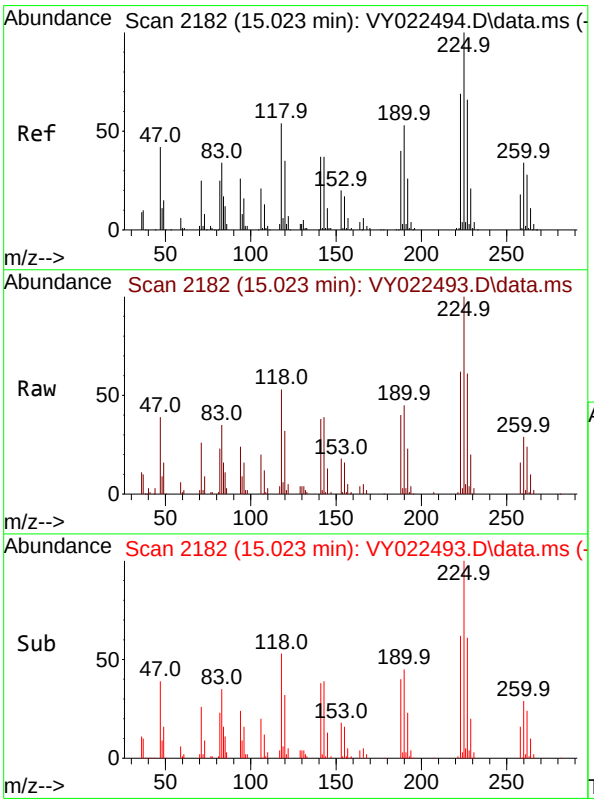
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.3
145	29.8	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

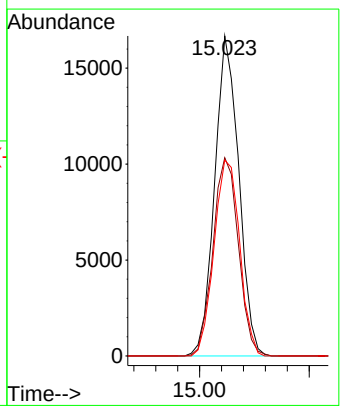
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

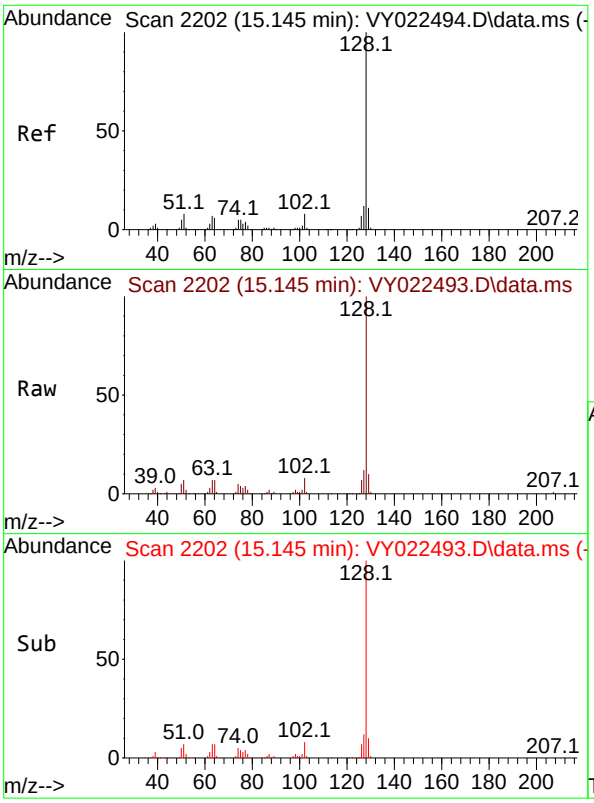


#94
Hexachlorobutadiene
Concen: 20.124 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:225 Resp: 25462

Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.5	97.4
227	65.0	32.3	96.9

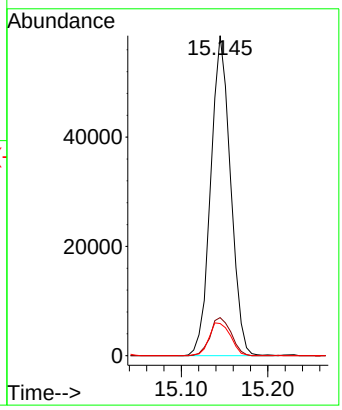




#95
Naphthalene
Concen: 20.994 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:128 Resp: 9320

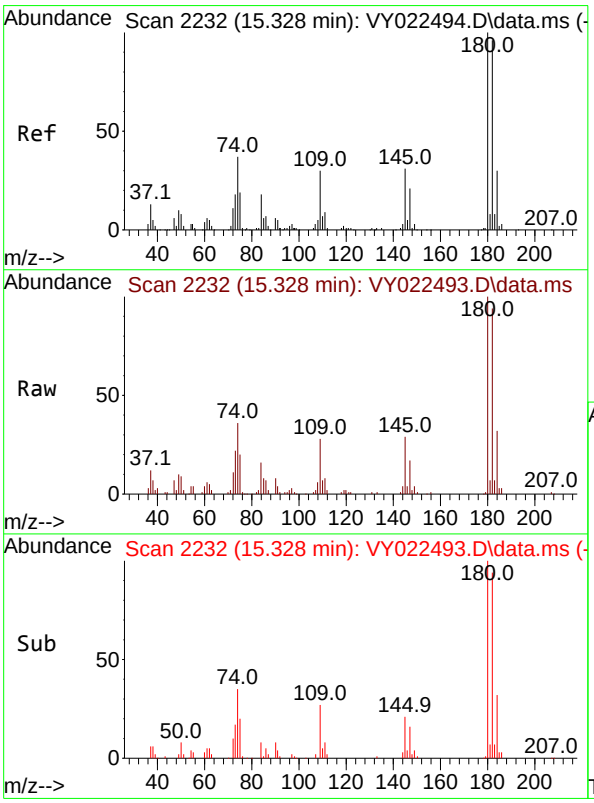
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

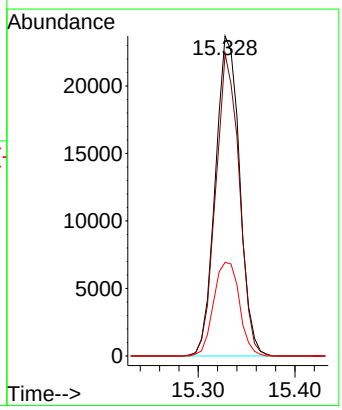
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 41131

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.1	141.3
145	31.1	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.640%			
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l		100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l		100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l		100
44) Trichloroethene	8.866	130	124670	51.843	ug/l		100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l		100
46) Dibromomethane	9.231	93	67690	51.485	ug/l		100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l		100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l		100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l		100
52) Toluene	10.176	92	316972	51.213	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l		100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l		100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l		100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l		100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l		100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l		100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l		100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l		100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l		100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l		100
69) o-Xylene	11.957	106	218760	51.293	ug/l		100
70) Styrene	11.969	104	367553	52.052	ug/l		100
71) Bromoform	12.133	173	59888	51.996	ug/l	#	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l		100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	87965m	47.747	ug/l		
77) Bromobenzene	12.536	156	121092	50.812	ug/l		100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l		100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l		100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l		100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l		100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l		100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l		100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l		100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l		100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l		100
95) Naphthalene	15.145	128	226073	52.686	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

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

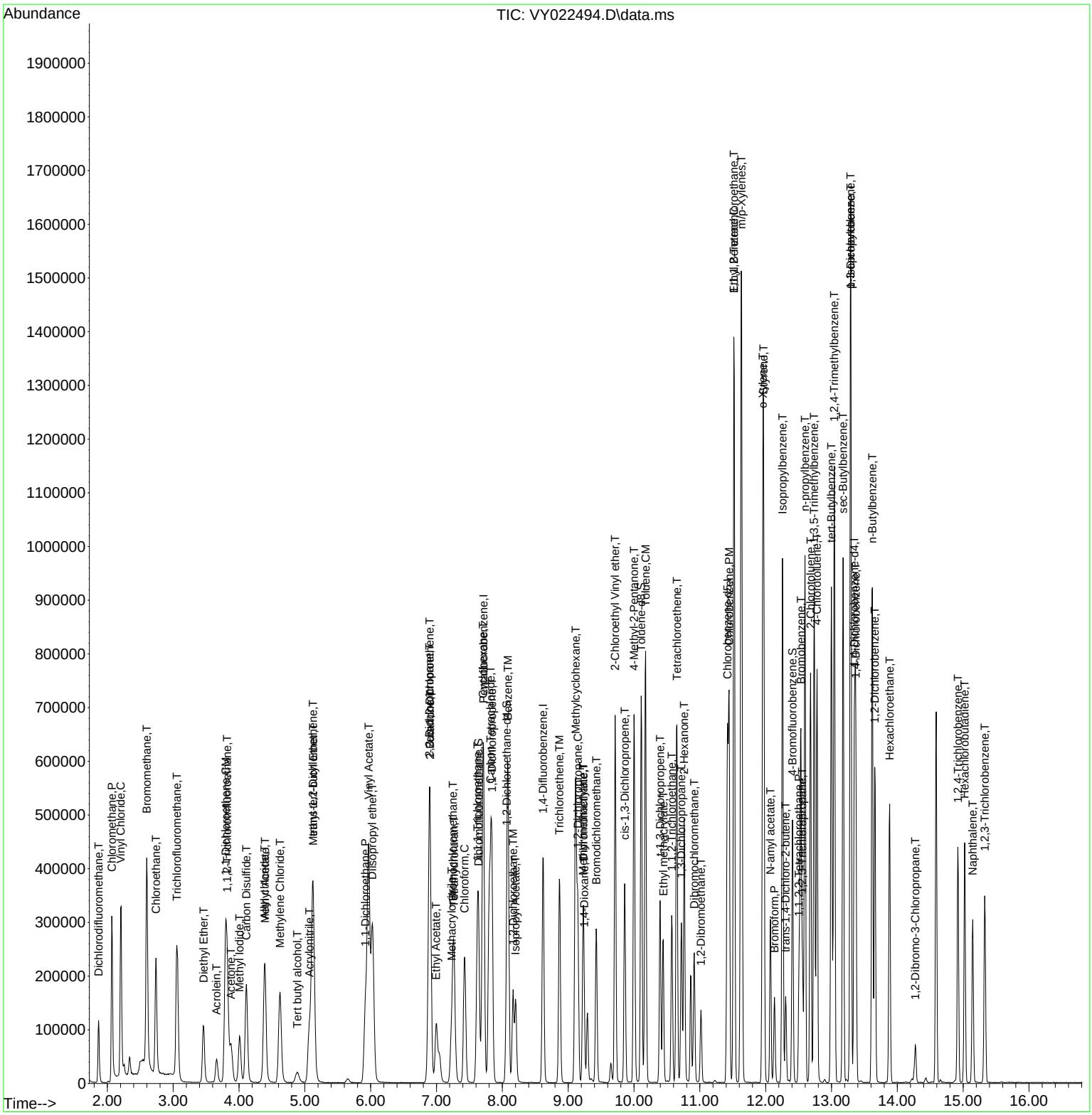
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

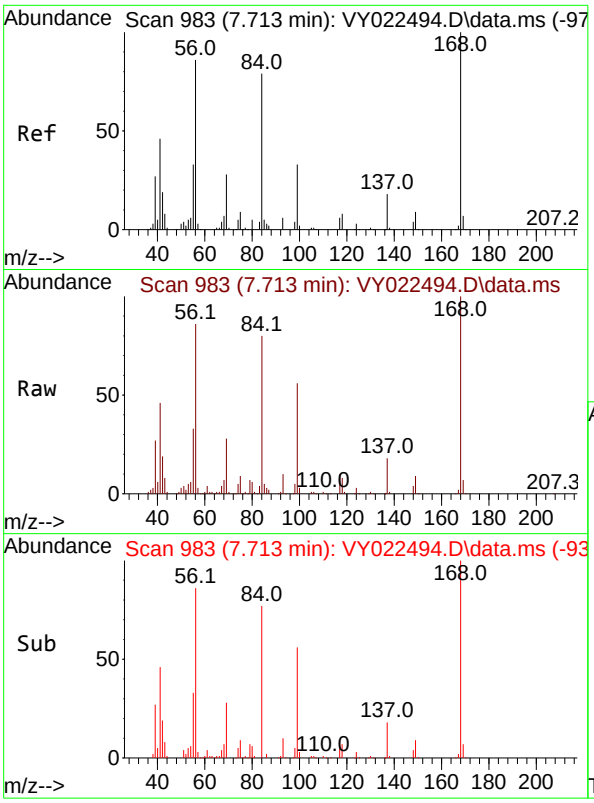
Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

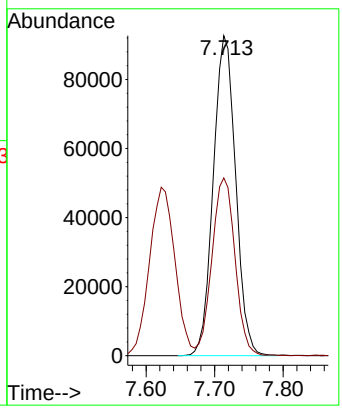
Tgt Ion:168 Resp: 20996

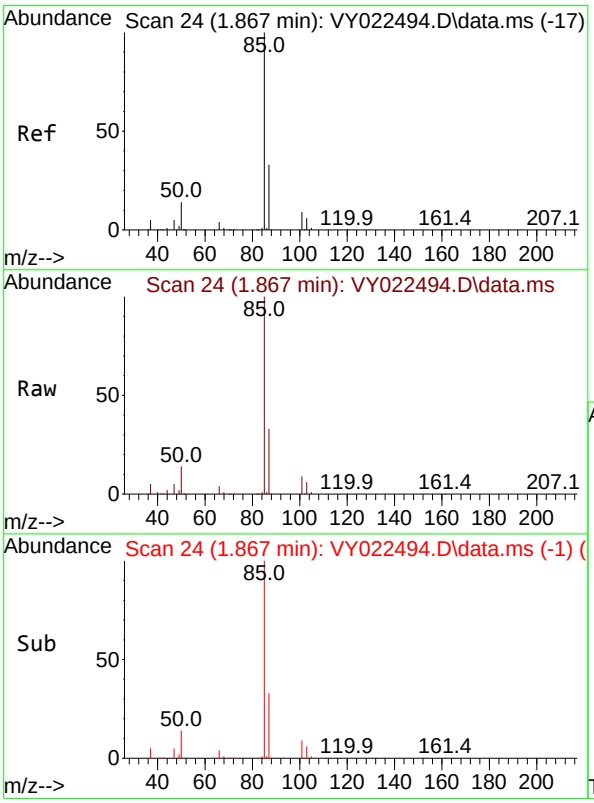
Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

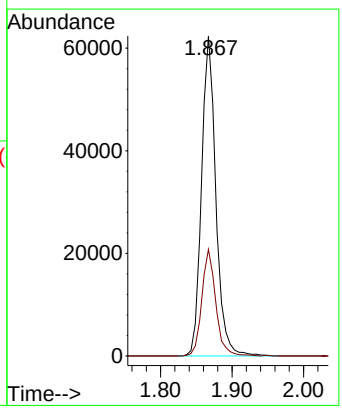


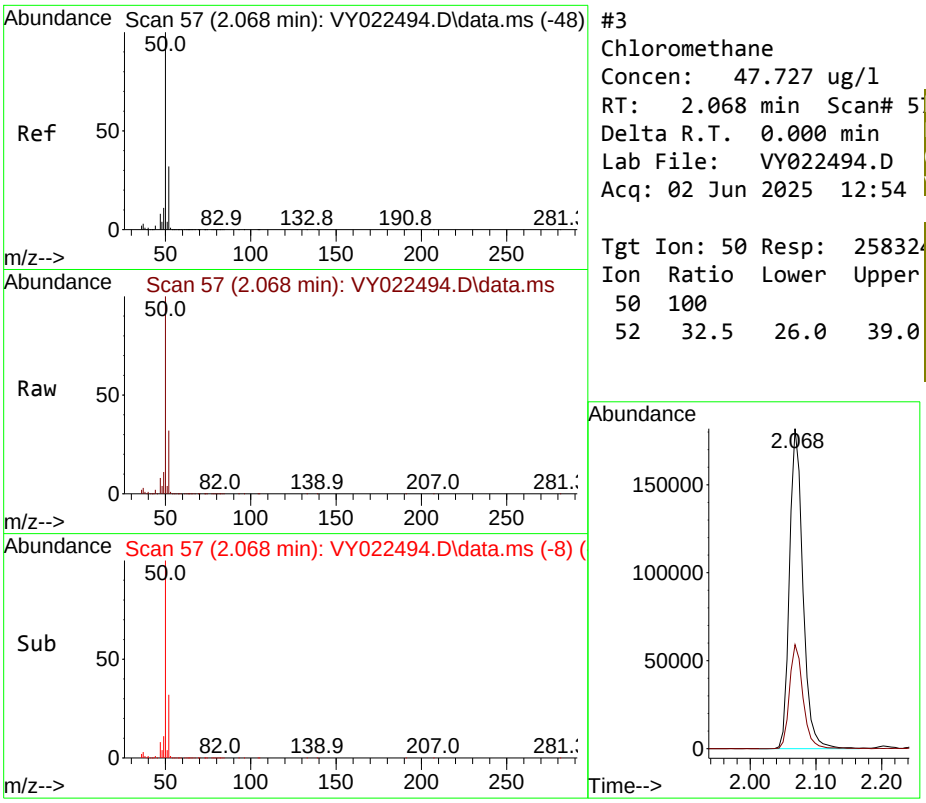


#2
Dichlorodifluoromethane
Concen: 47.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.7	50.0





#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

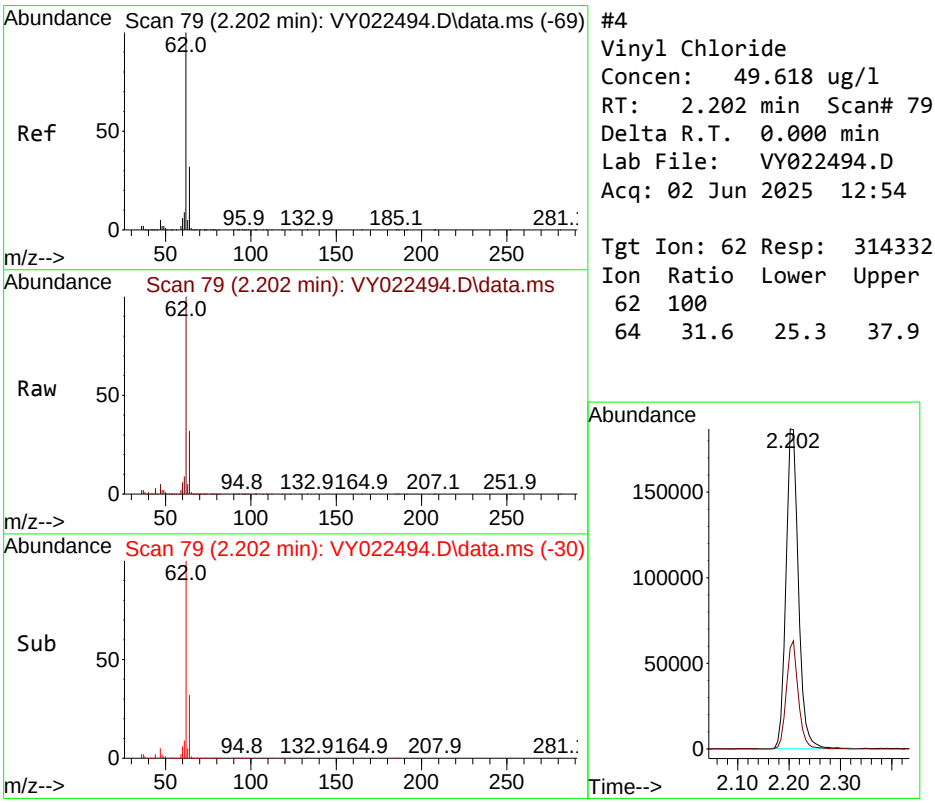
Tgt Ion: 50 Resp: 25832

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

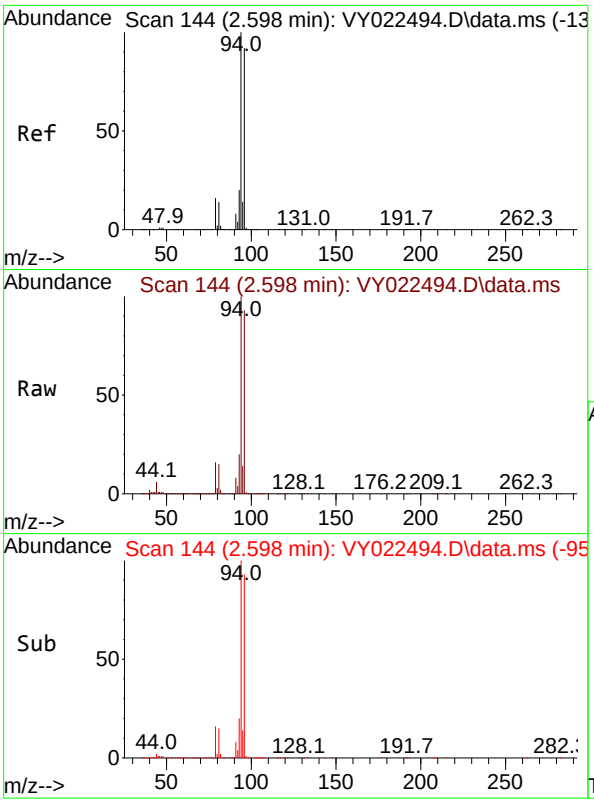
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 49.618 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332

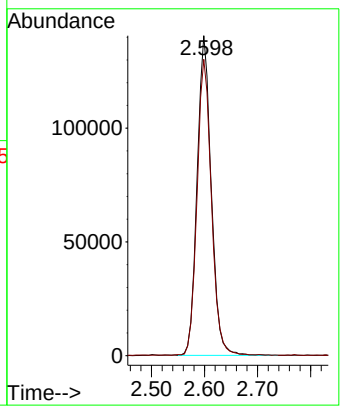
Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.3	37.9



#5
Bromomethane
Concen: 43.463 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 94 Resp: 26044

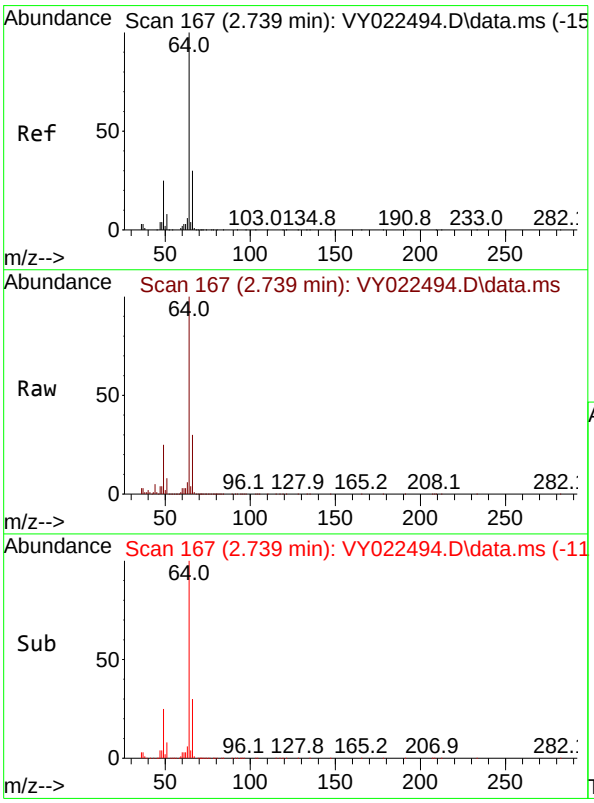
Ion	Ratio	Lower	Upper
94	100		
96	92.5	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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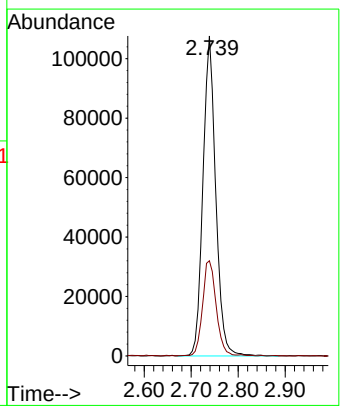
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

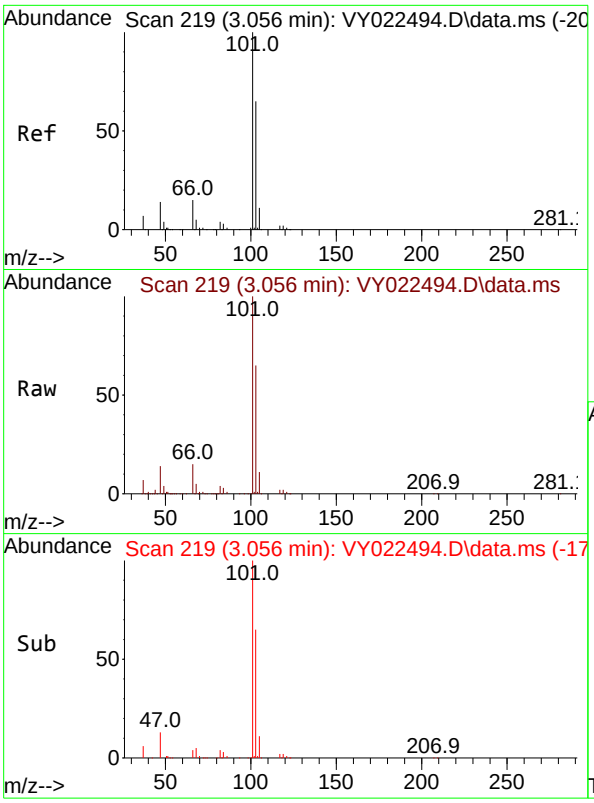


#6
Chloroethane
Concen: 46.711 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595

Ion	Ratio	Lower	Upper
64	100		
66	29.7	23.8	35.6

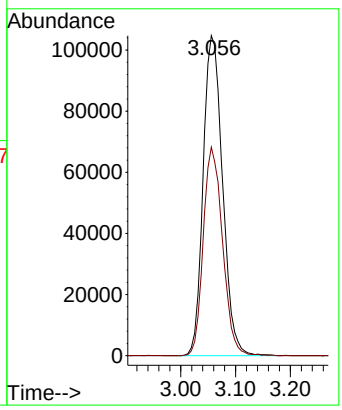




#7
Trichlorofluoromethane
Concen: 47.749 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:101 Resp: 25700

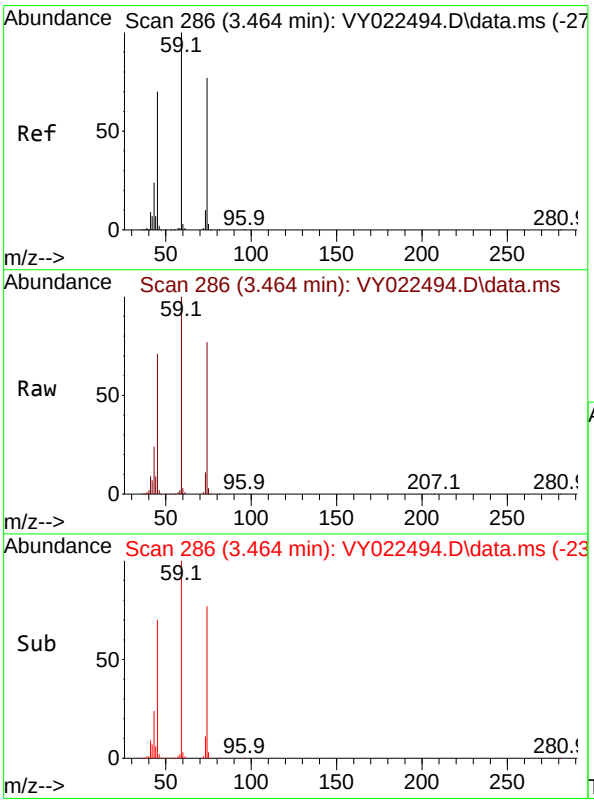
Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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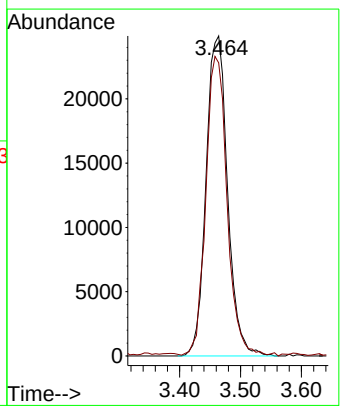
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

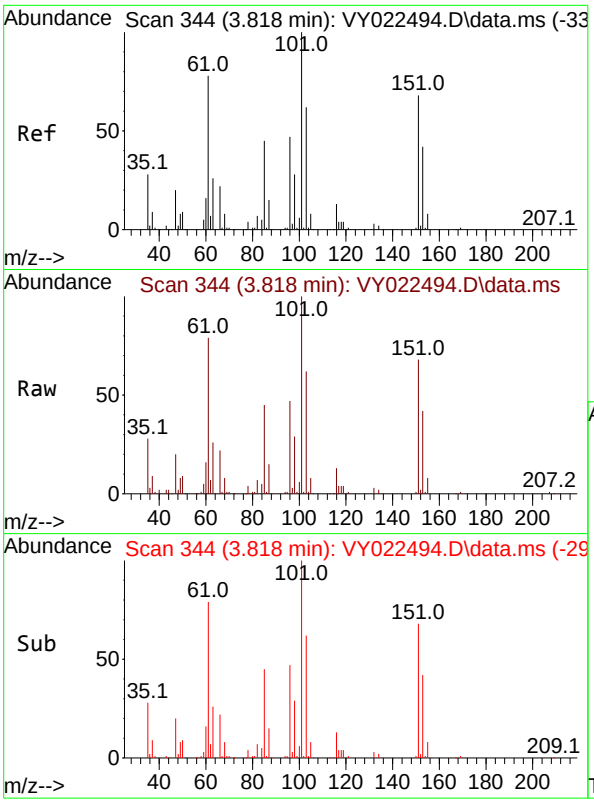


#8
Diethyl Ether
Concen: 51.349 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 74 Resp: 61045

Ion	Ratio	Lower	Upper
74	100		
45	91.7	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.009 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

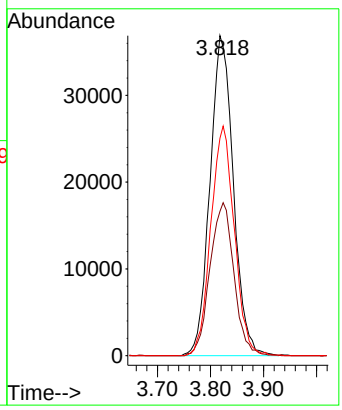
Tgt Ion:101 Resp: 11291

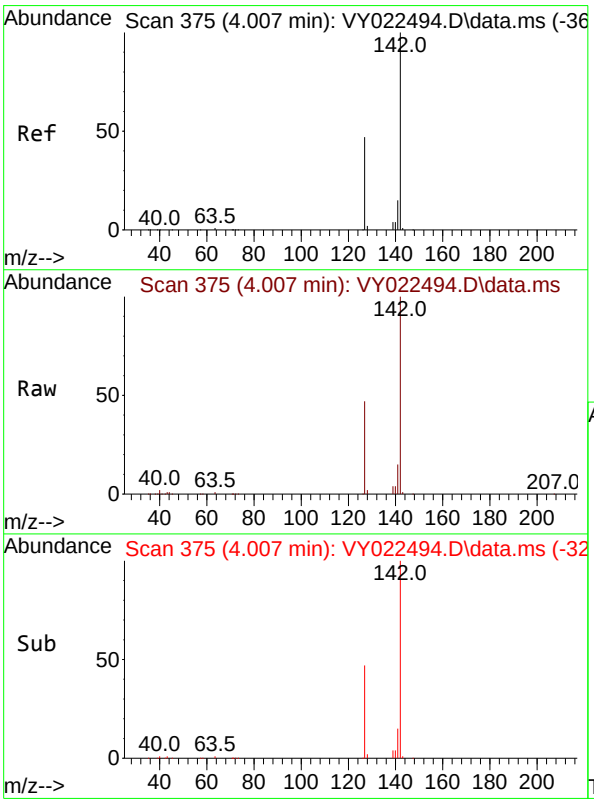
Ion	Ratio	Lower	Upper
101	100		
85	49.1	39.3	58.9
151	72.3	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

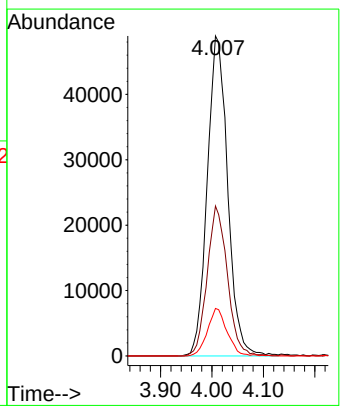


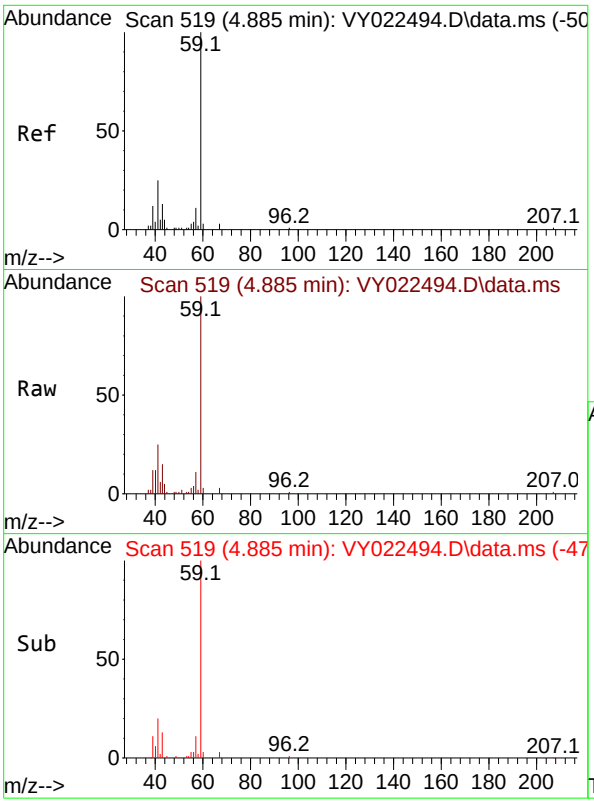


#10
Methyl Iodide
Concen: 55.855 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.1	55.7
141	14.3	11.4	17.2

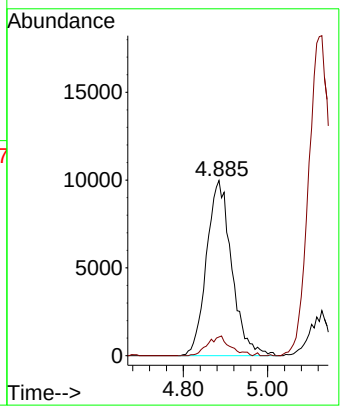




#11
Tert butyl alcohol
Concen: 253.096 ug/l
RT: 4.885 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 59 Resp: 4130

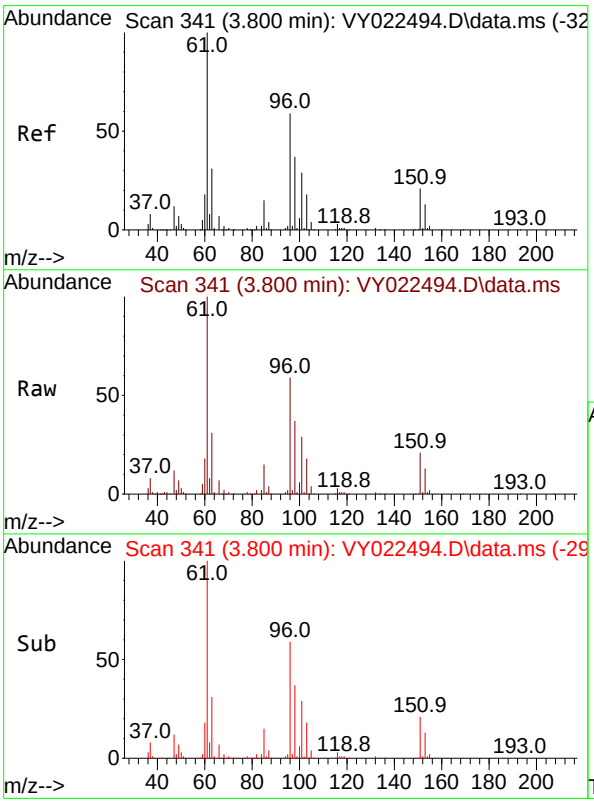
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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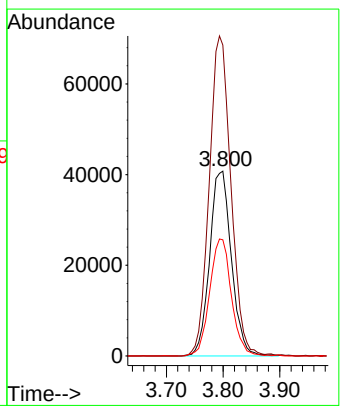
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

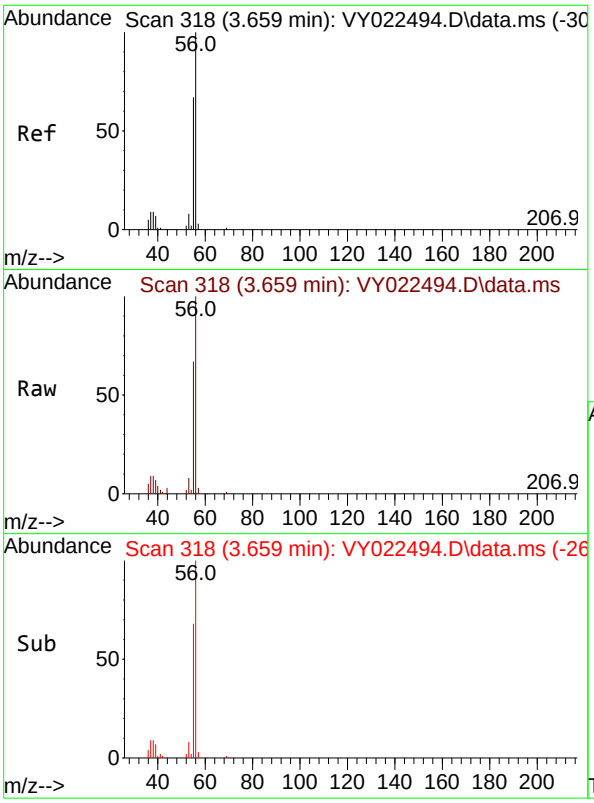


#12
1,1-Dichloroethene
Concen: 50.463 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756

Ion	Ratio	Lower	Upper
96	100		
61	168.2	134.6	201.8
98	62.8	50.2	75.4

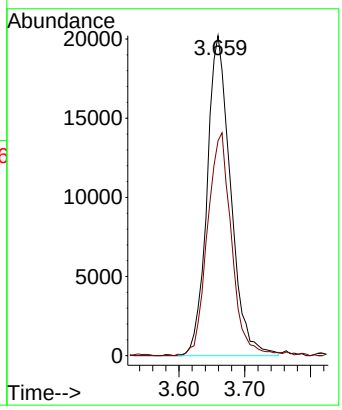




#13
Acrolein
Concen: 252.946 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 56 Resp: 5038

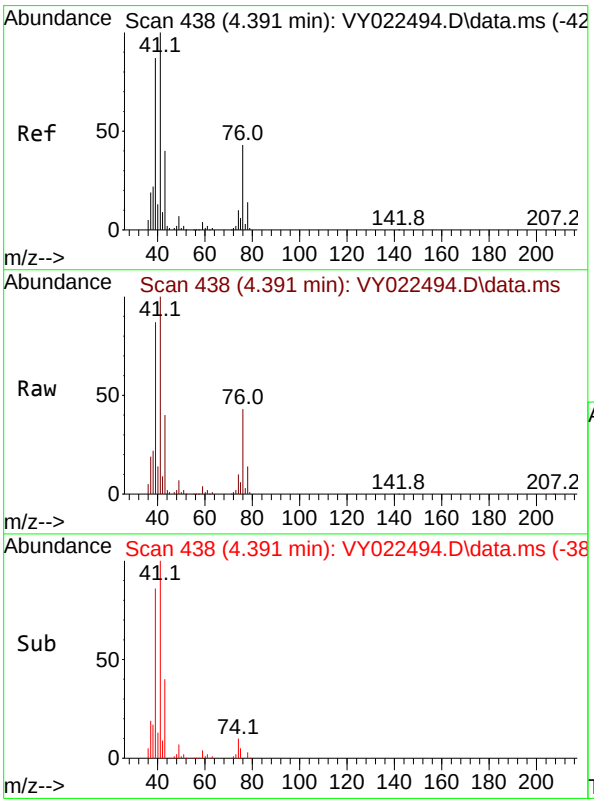
Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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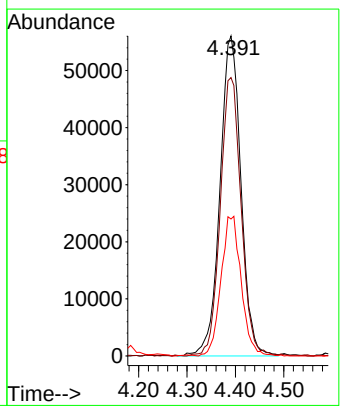
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

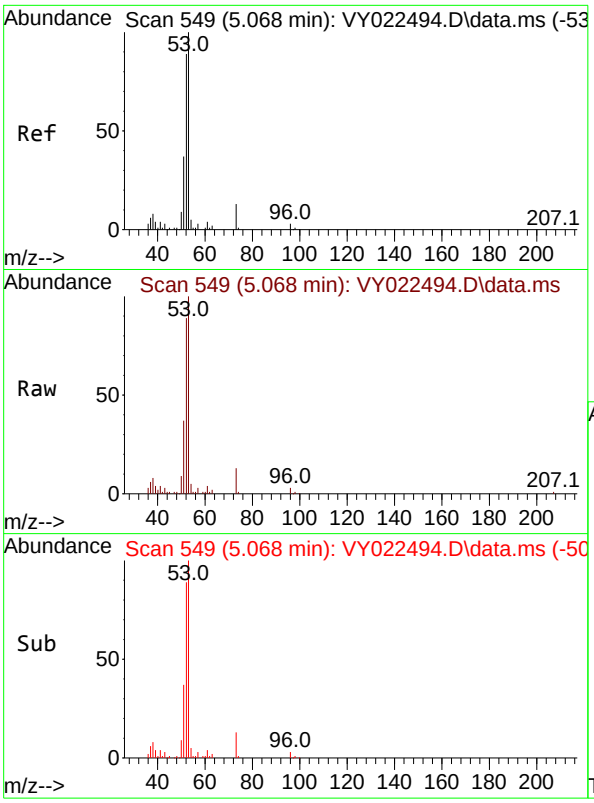


#14
Allyl chloride
Concen: 50.399 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 169258

Ion	Ratio	Lower	Upper
41	100		
39	86.4	69.1	103.7
76	41.9	33.5	50.3





#15
Acrylonitrile
Concen: 261.075 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

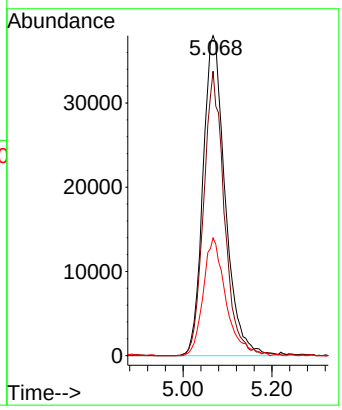
Tgt Ion: 53 Resp: 13201

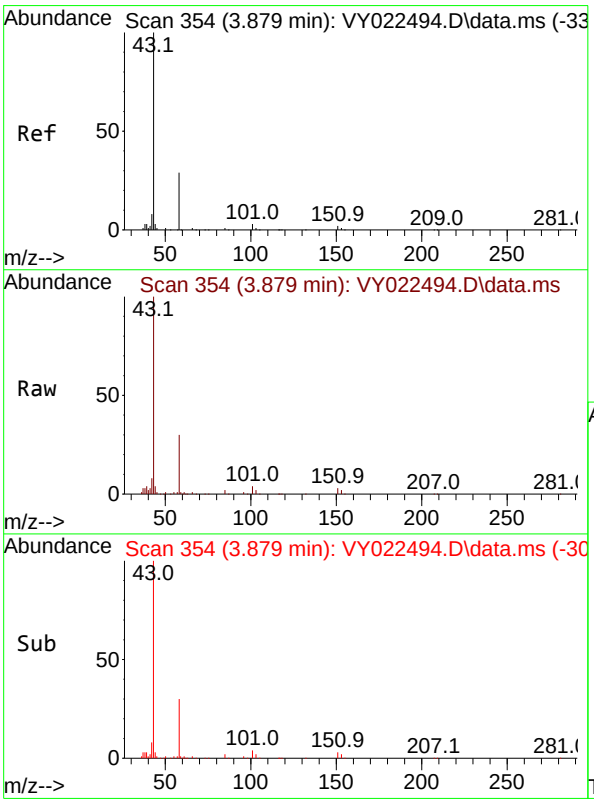
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.6	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

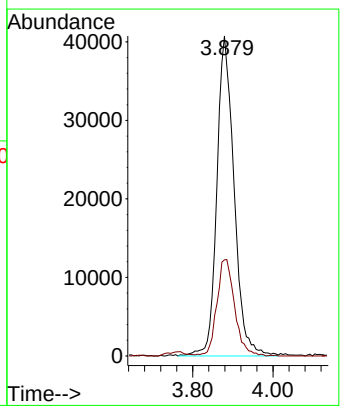


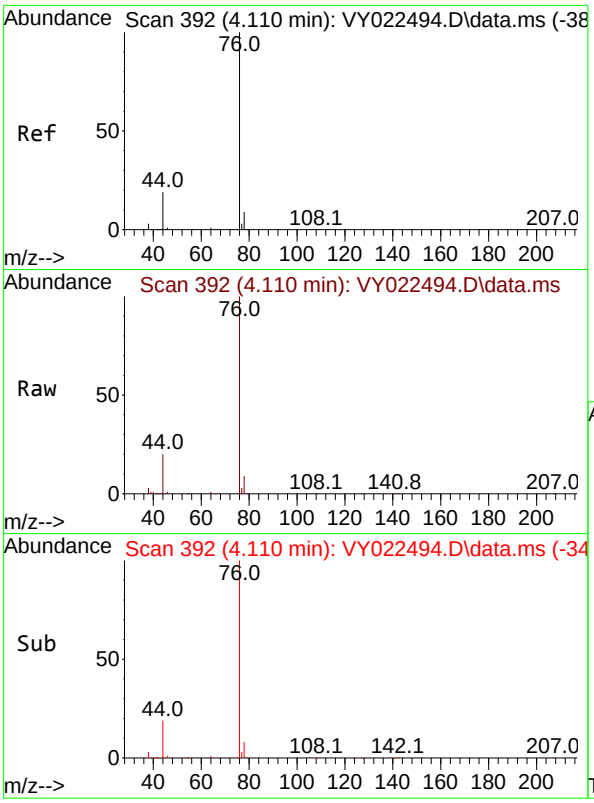


#16
Acetone
Concen: 269.036 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0

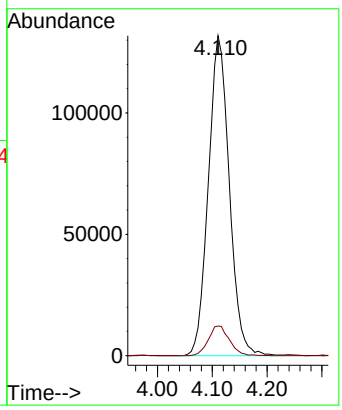




#17
Carbon Disulfide
Concen: 50.769 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 76 Resp: 34934

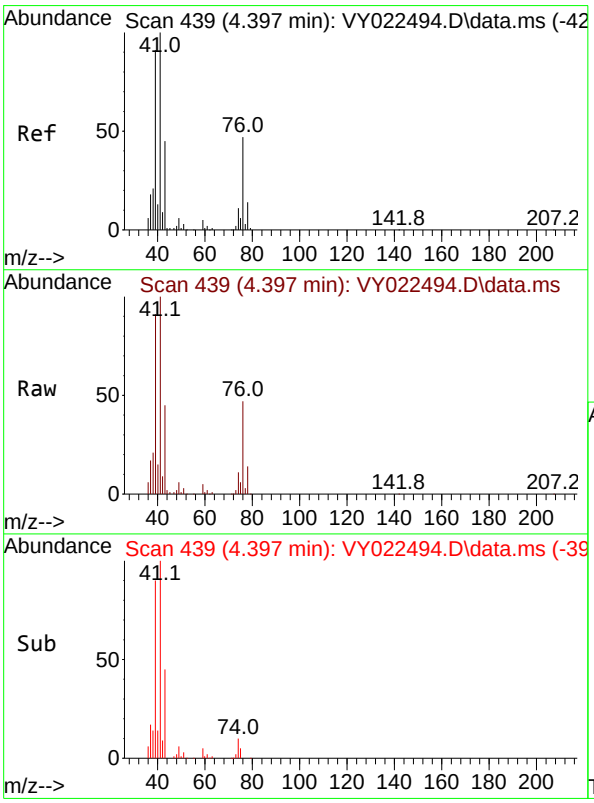
Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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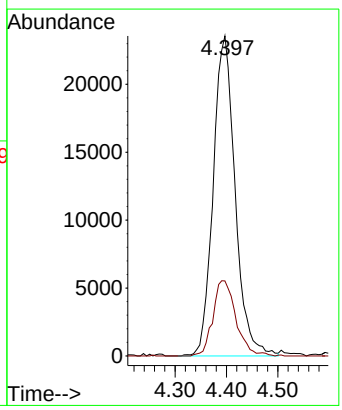
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

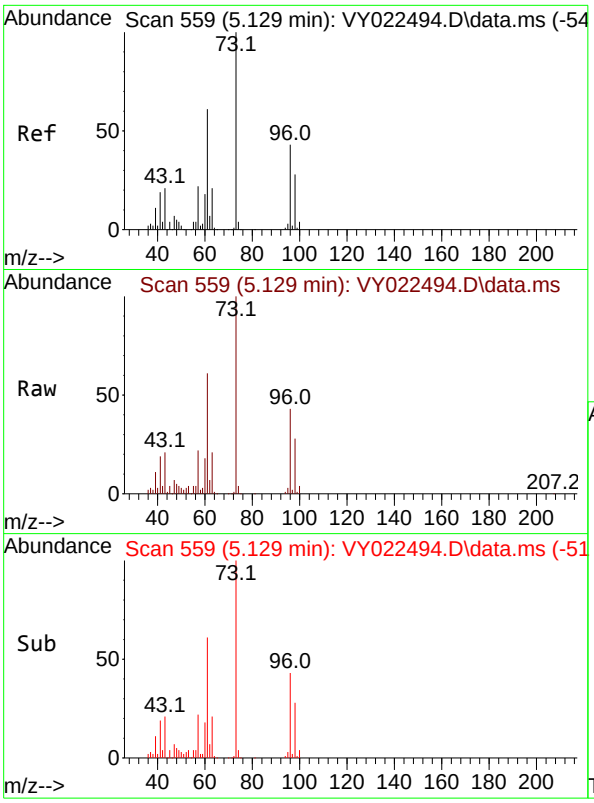


#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6

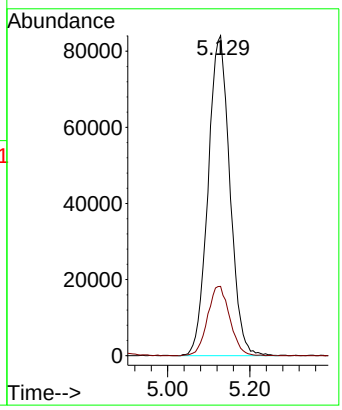




#19
Methyl tert-butyl Ether
Concen: 51.316 ug/l
RT: 5.129 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 73 Resp: 30857

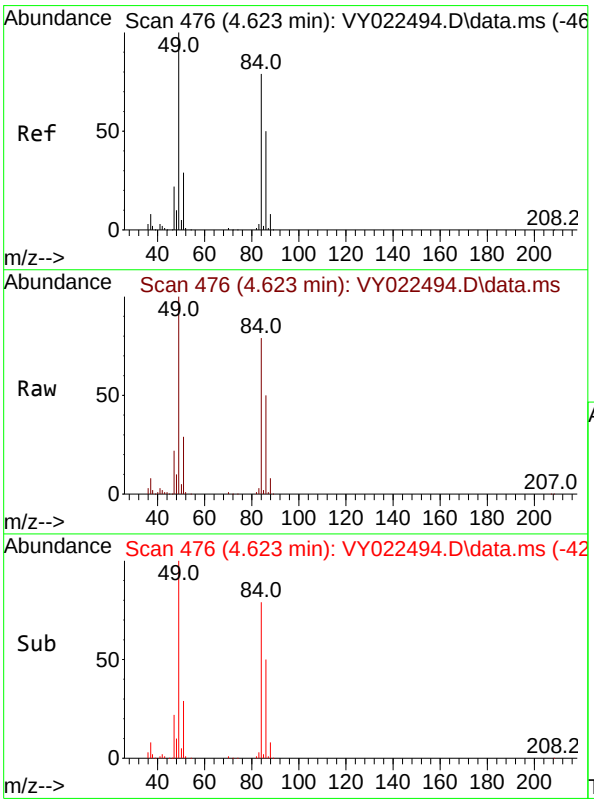
Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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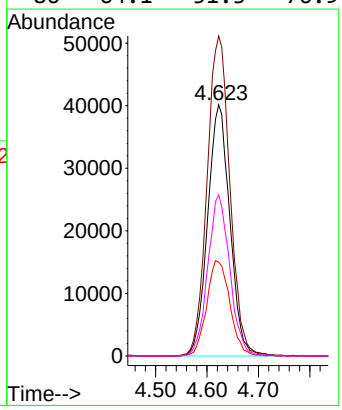
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

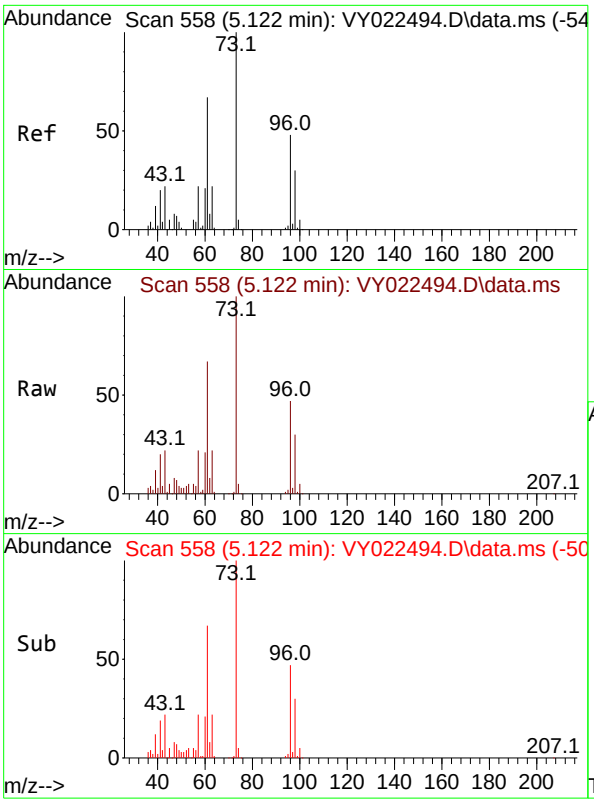


#20
Methylene Chloride
Concen: 47.810 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562

Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.9	152.9
51	37.3	29.8	44.8
86	64.1	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

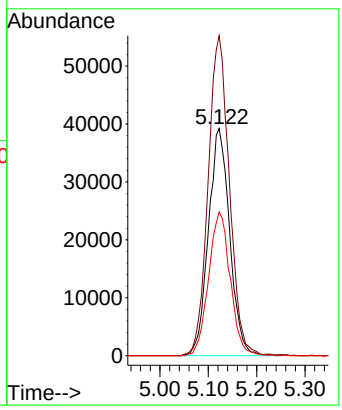
Tgt Ion: 96 Resp: 11991

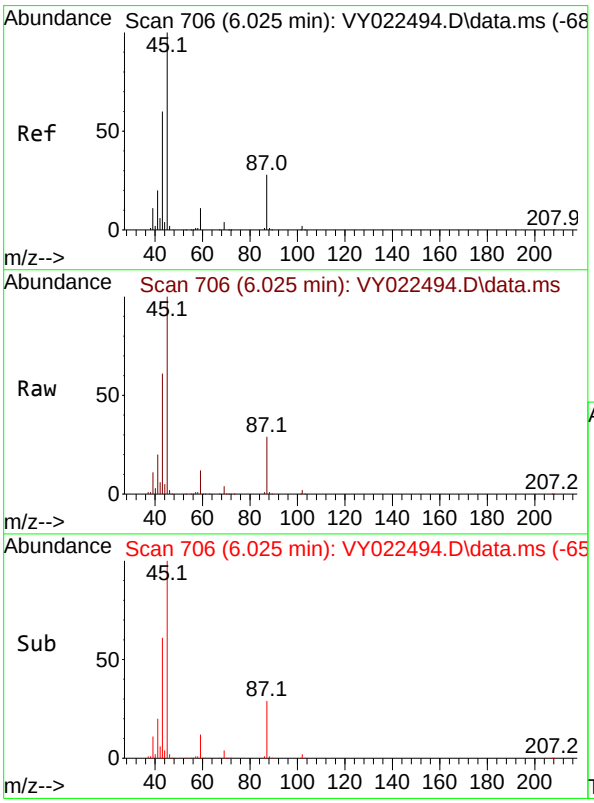
Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.2	50.6	75.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

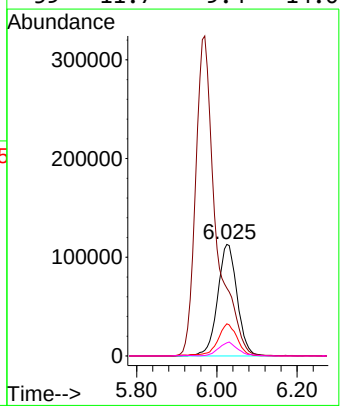


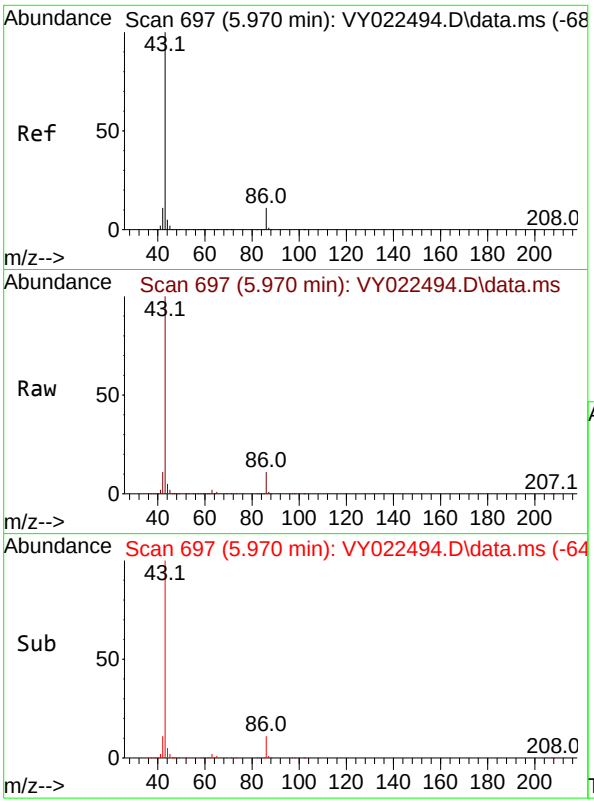


#22
Diisopropyl ether
Concen: 51.120 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760

Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.3	72.5
87	28.8	23.0	34.6
59	11.7	9.4	14.0

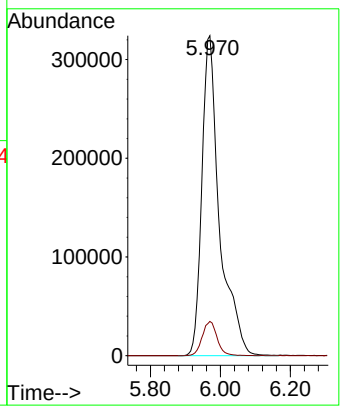




#23
Vinyl Acetate
Concen: 256.734 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 113741

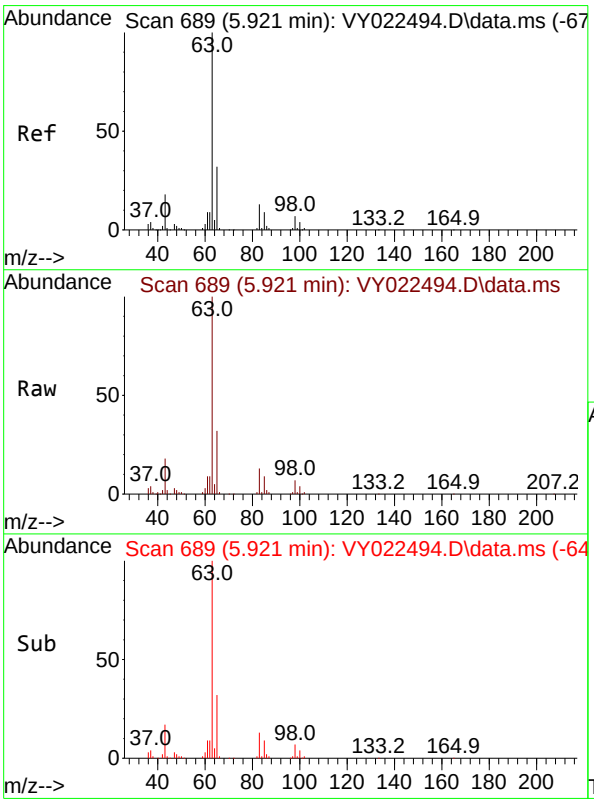
Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

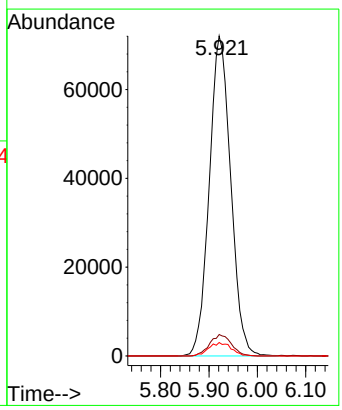
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

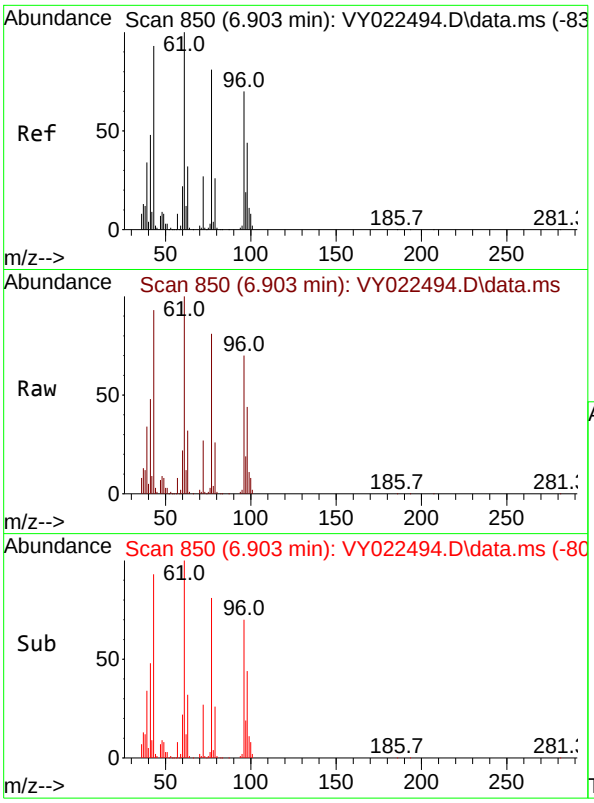


#24
1,1-Dichloroethane
Concen: 50.410 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.2	2.1	6.3

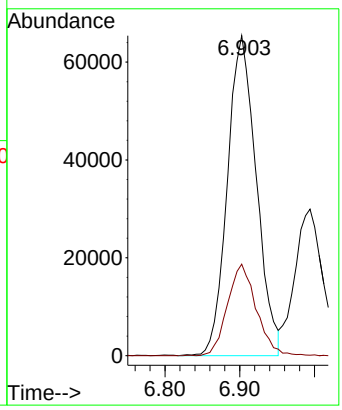




#25
2-Butanone
Concen: 264.461 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 17618

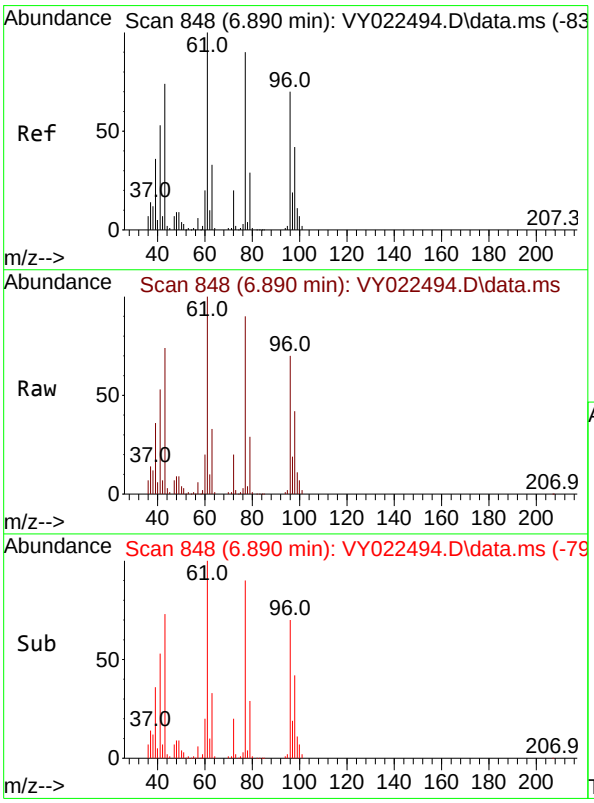
Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

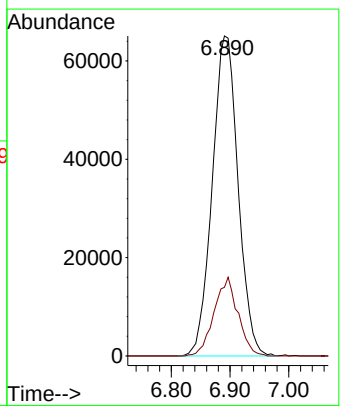
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

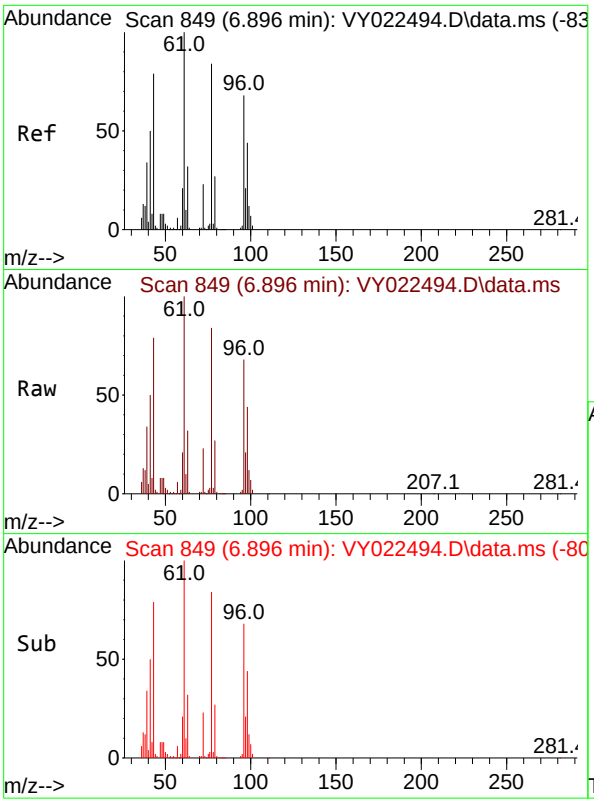


#26
2,2-Dichloropropane
Concen: 50.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.4	34.2

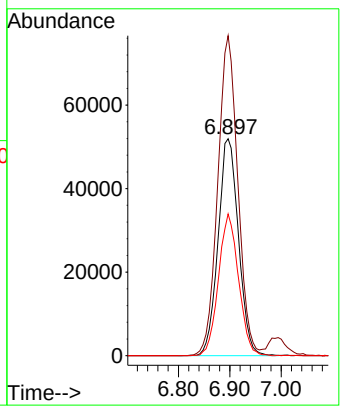




#27
cis-1,2-Dichloroethene
Concen: 51.463 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 14321

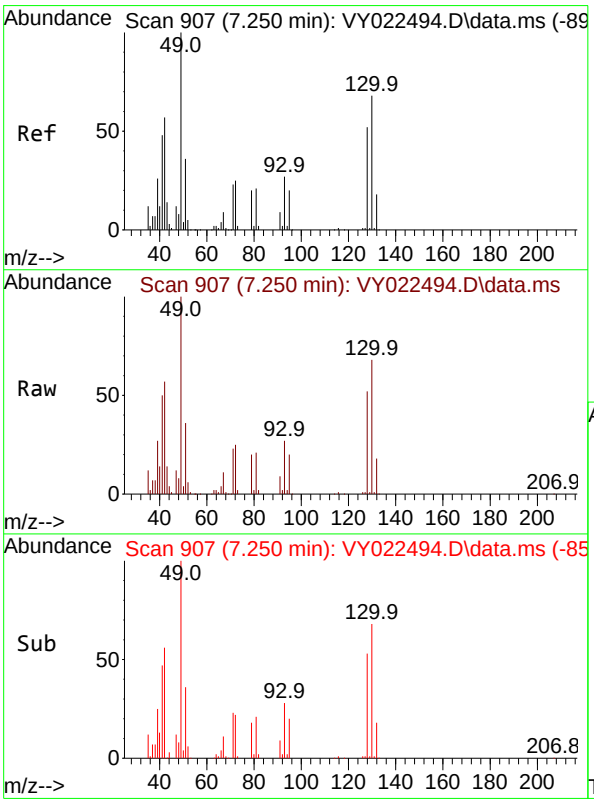
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	290.0
98	64.2	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

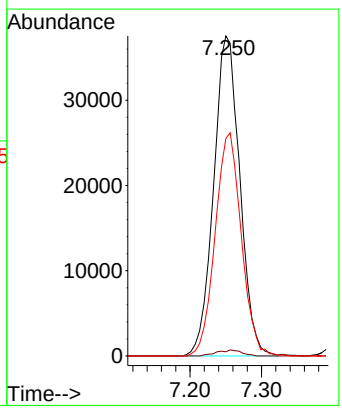
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

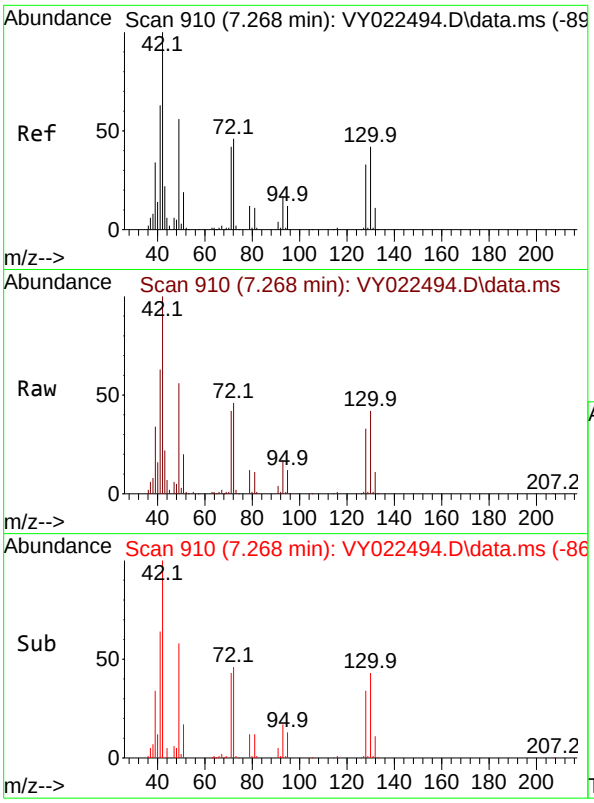


#28
Bromochloromethane
Concen: 50.015 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 49 Resp: 95397

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5

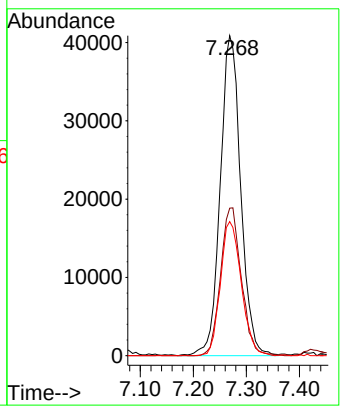




#29
Tetrahydrofuran
Concen: 255.247 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 42 Resp: 10969

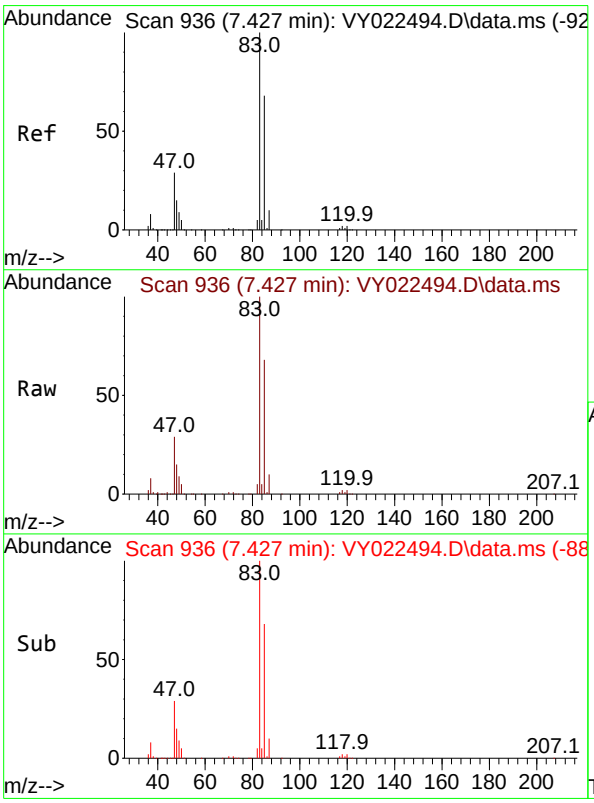
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.7	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

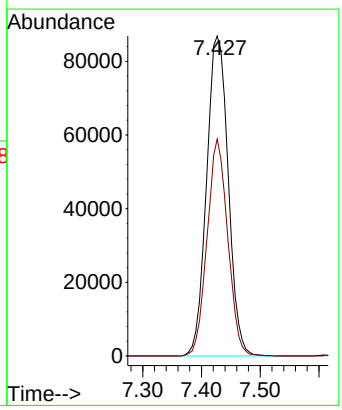
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

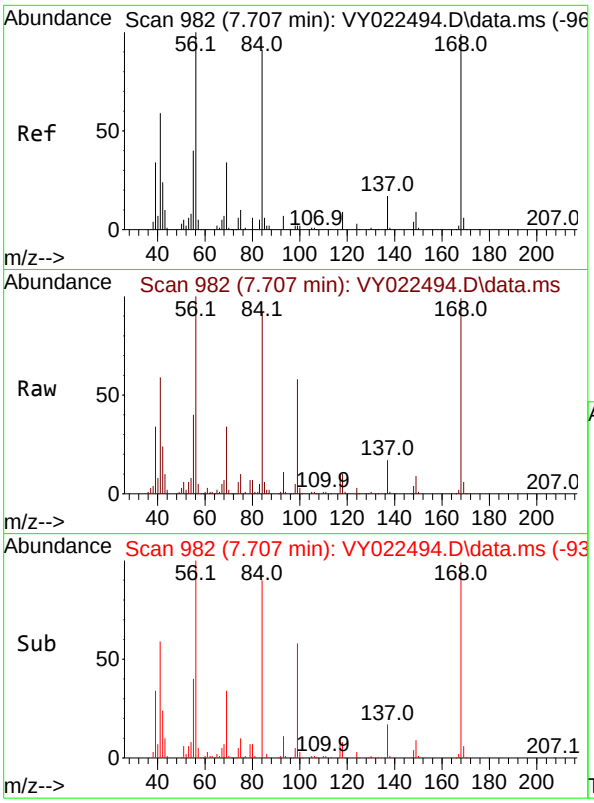


#30
Chloroform
Concen: 50.944 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 222226

Ion	Ratio	Lower	Upper
83	100		
85	67.8	54.2	81.4





#31
Cyclohexane
Concen: 47.951 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

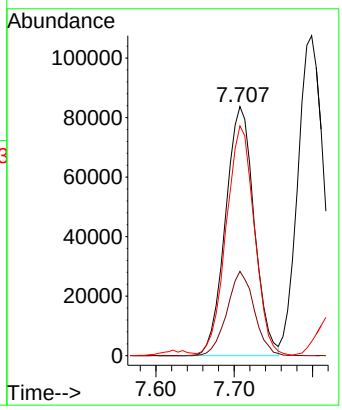
Tgt Ion: 56 Resp: 21303

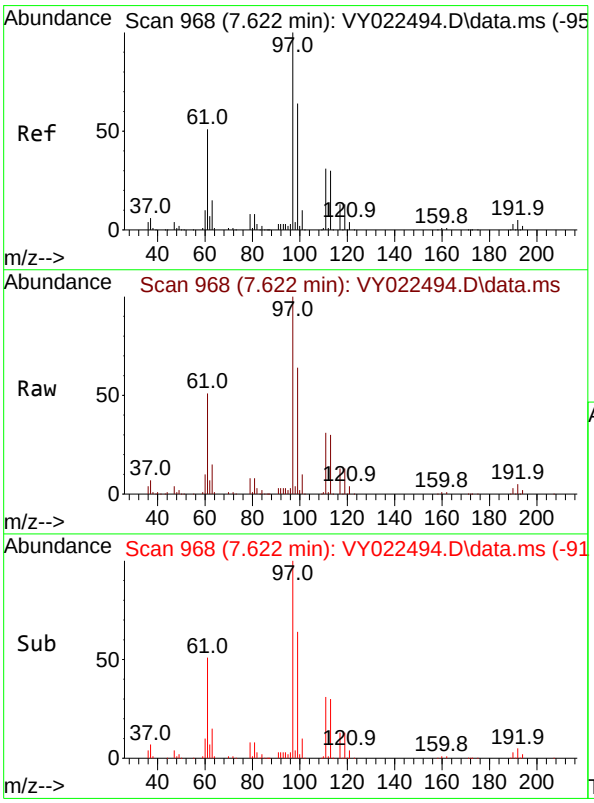
Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	90.8	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

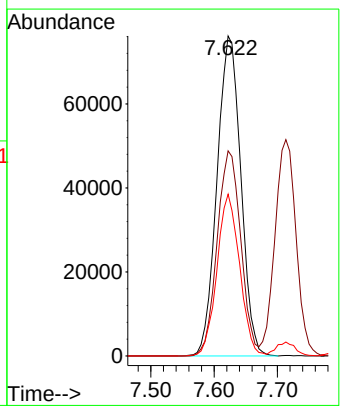


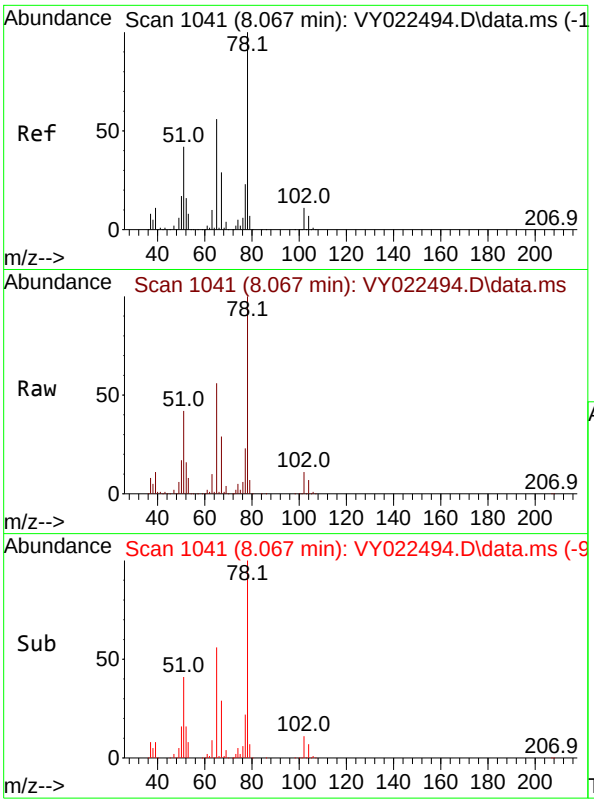


#32
1,1,1-Trichloroethane
Concen: 51.074 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.1	38.5	57.7

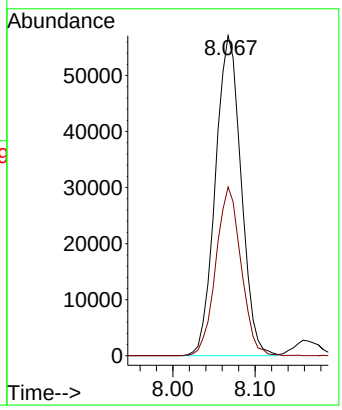




#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 65 Resp: 12409

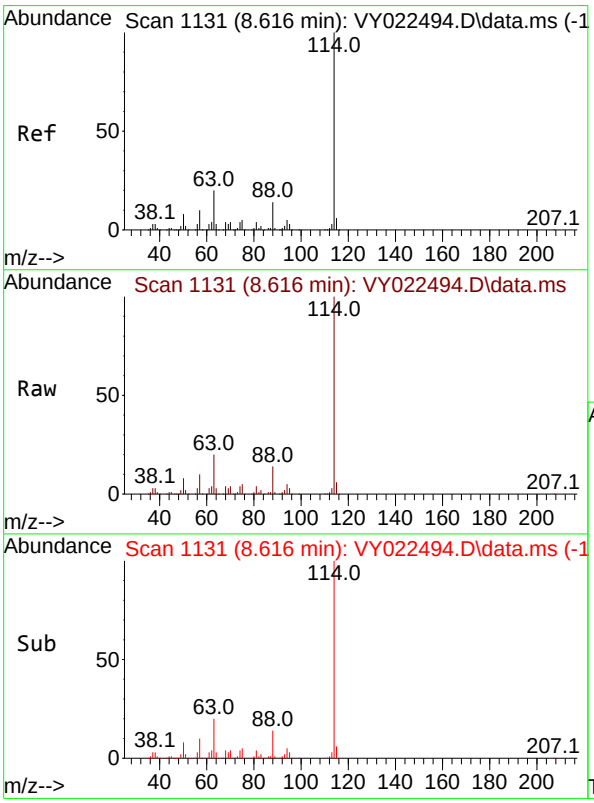
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

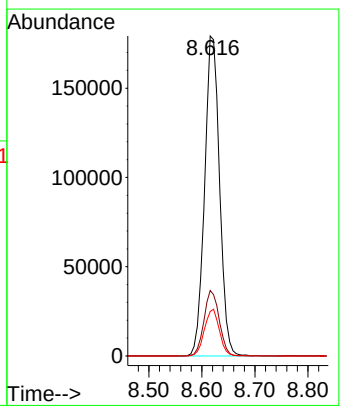
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

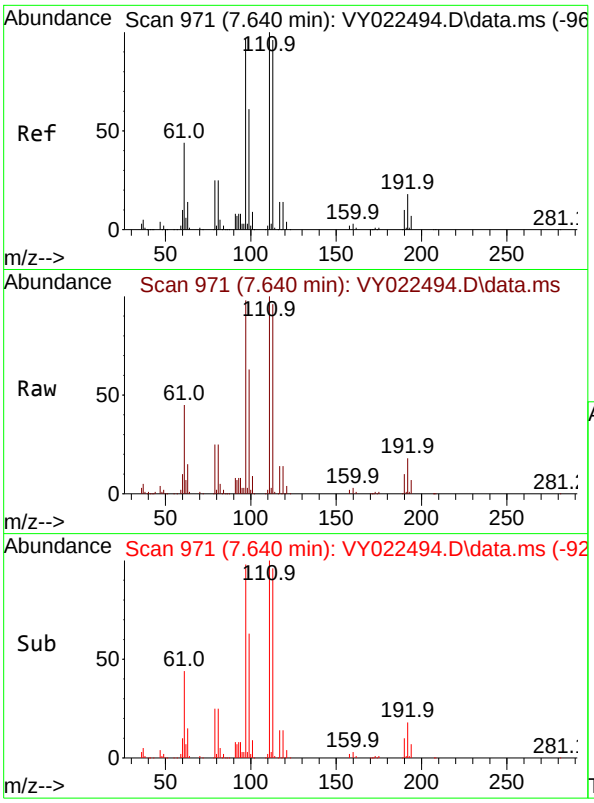


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:114 Resp: 350947

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	13.9	0.0	27.8

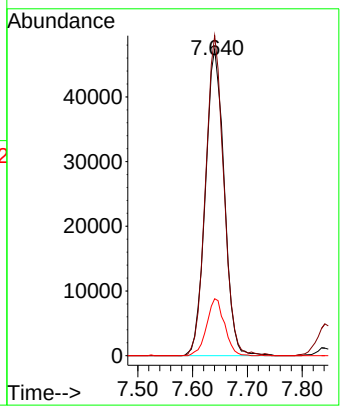




#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:113 Resp: 11262

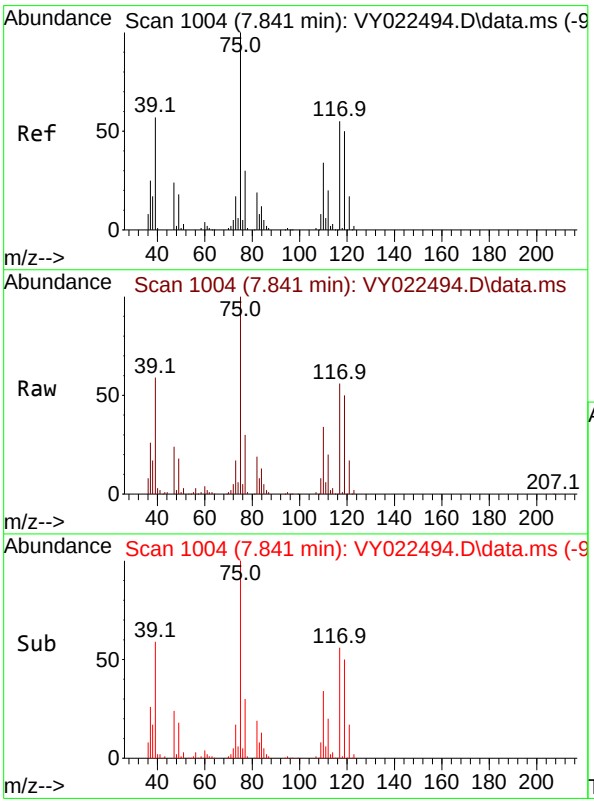
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

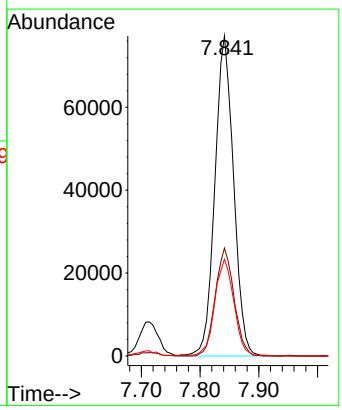
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

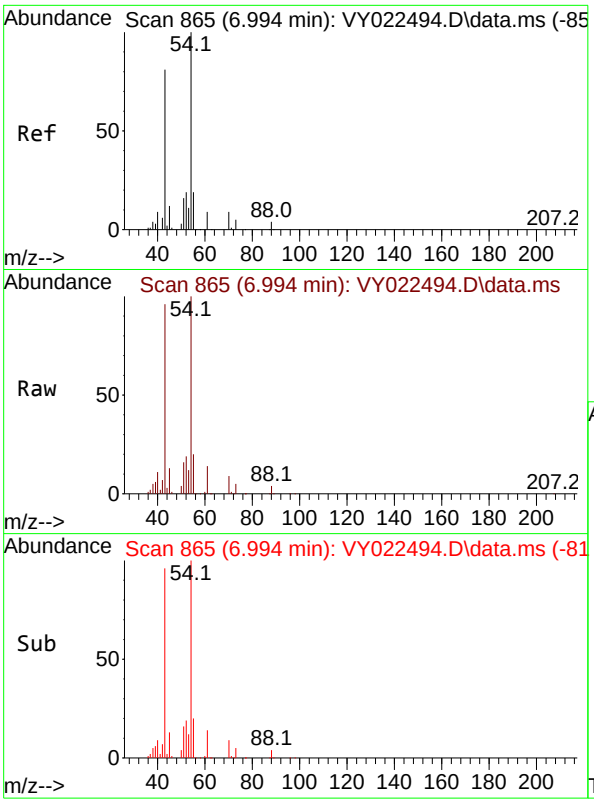


#36
1,1-Dichloropropene
Concen: 51.116 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2

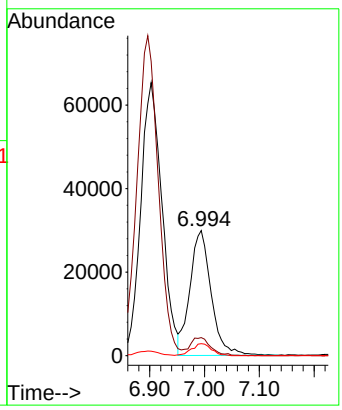




#37
Ethyl Acetate
Concen: 54.721 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 8042

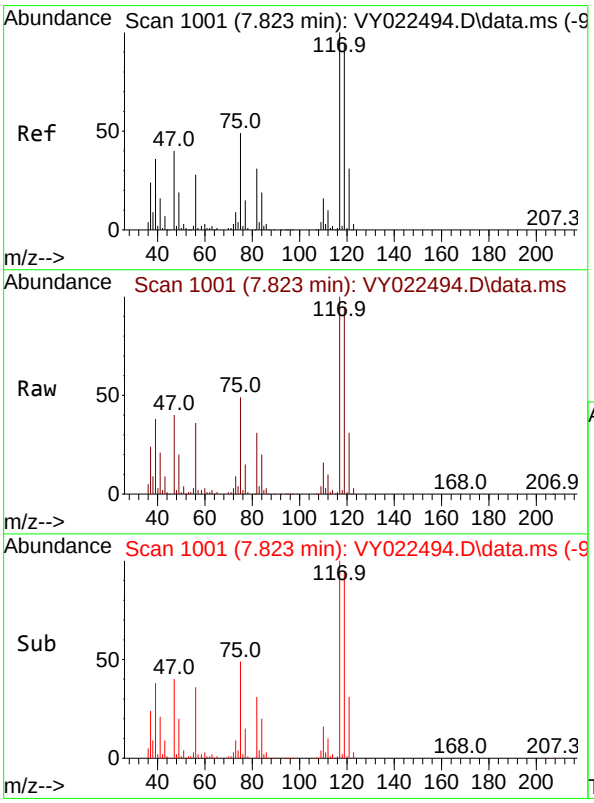
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	9.0	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

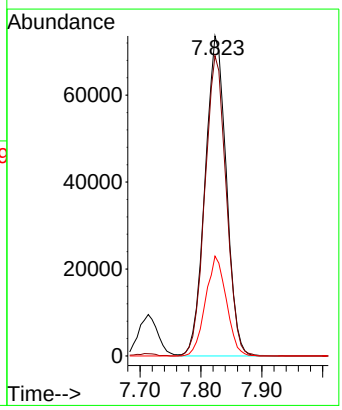
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

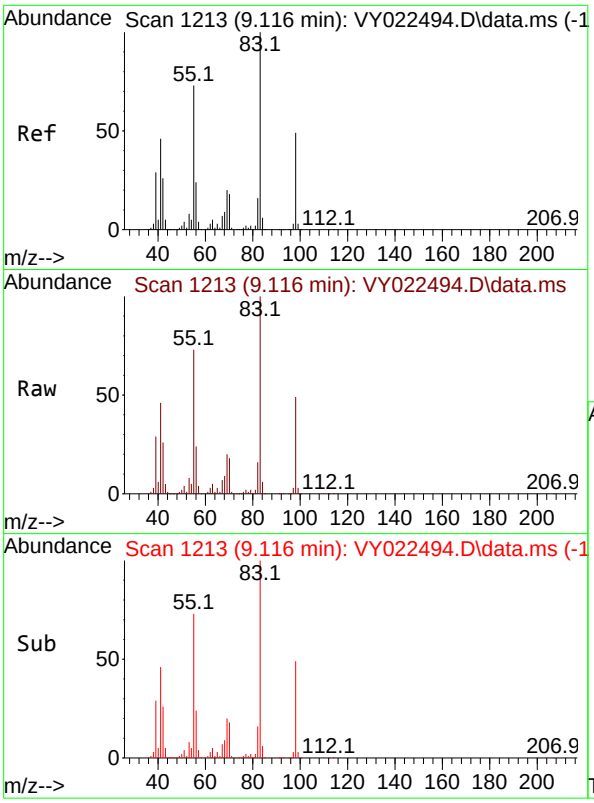


#38
Carbon Tetrachloride
Concen: 51.787 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 178292

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.2	25.0	37.4

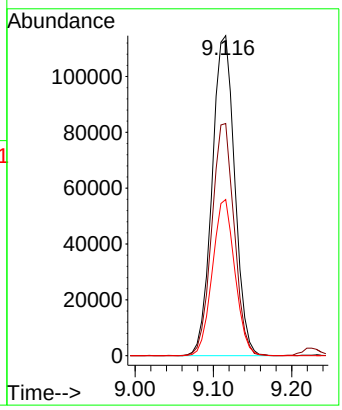




#39
Methylcyclohexane
Concen: 51.100 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 23053

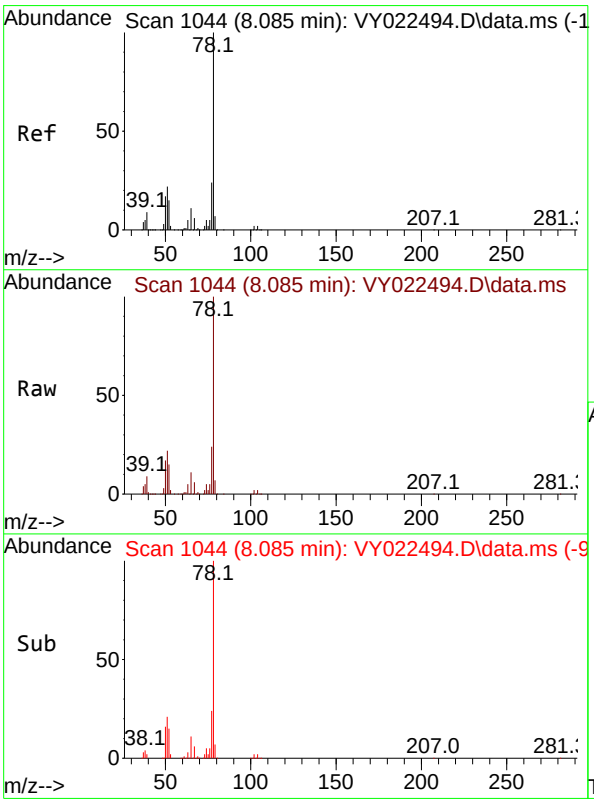
Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.1	87.1
98	48.8	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

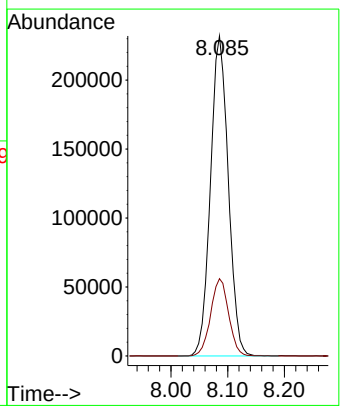
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

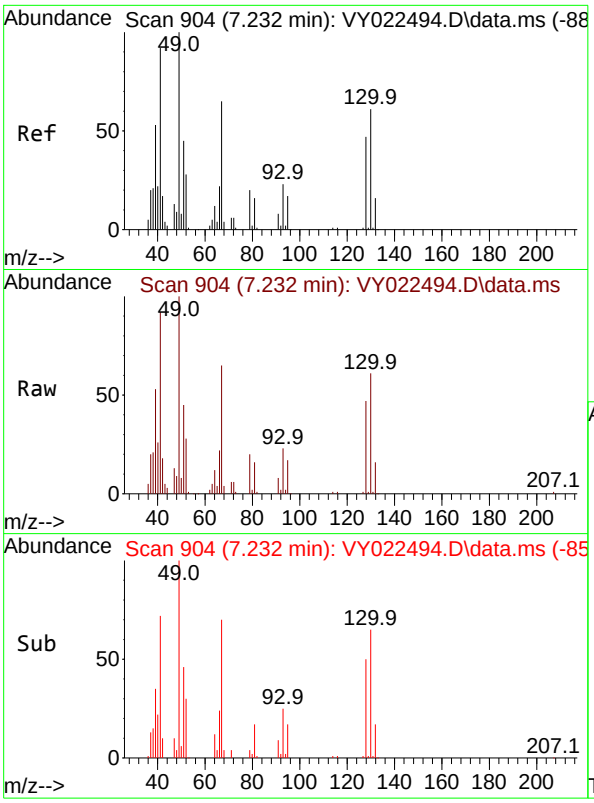


#40
Benzene
Concen: 51.376 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 78 Resp: 505749

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

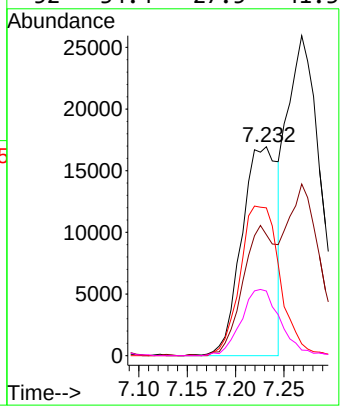




#41
Methacrylonitrile
Concen: 46.342 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 4386

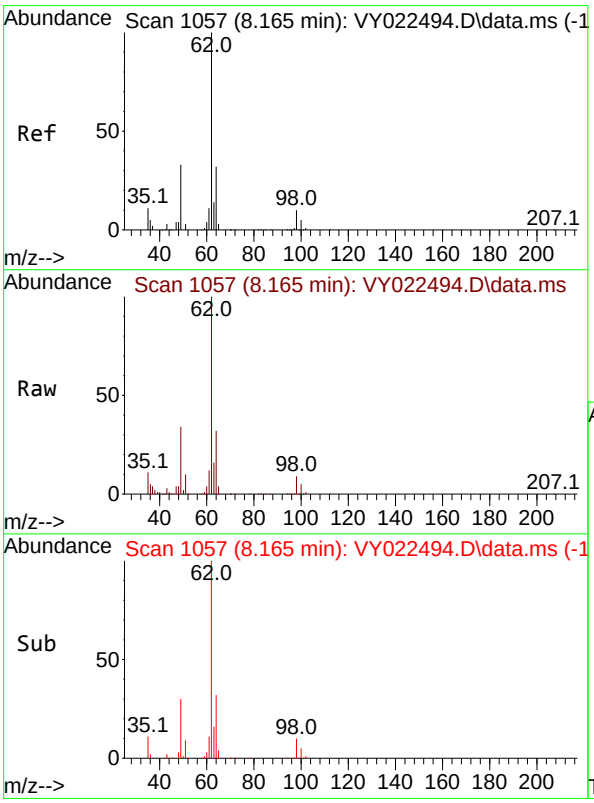
Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.6	69.8
67	79.1	63.3	94.9
52	34.4	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

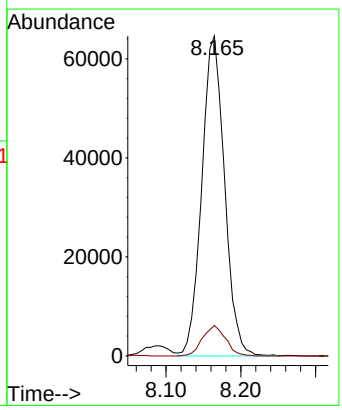
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

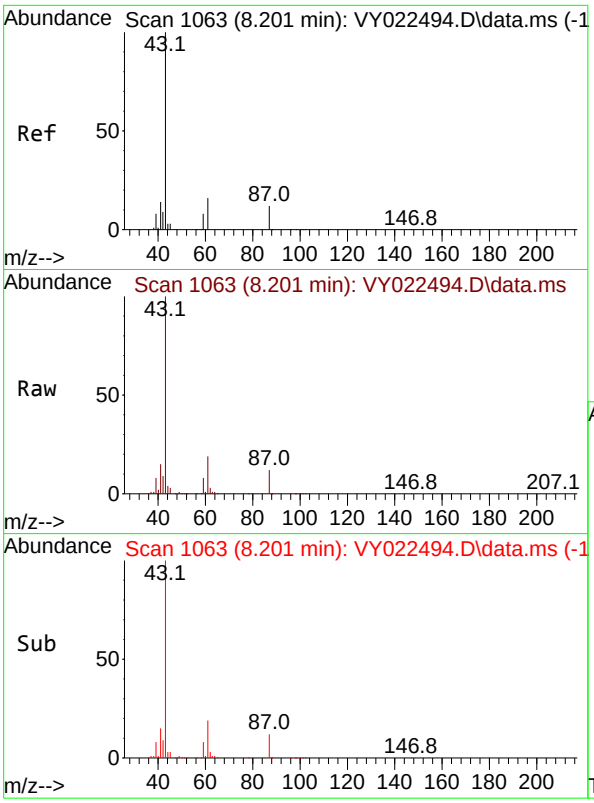


#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 136876

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

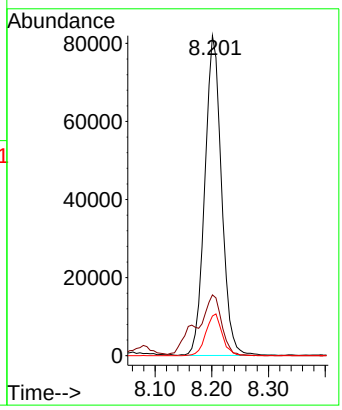
Tgt Ion: 43 Resp: 16777

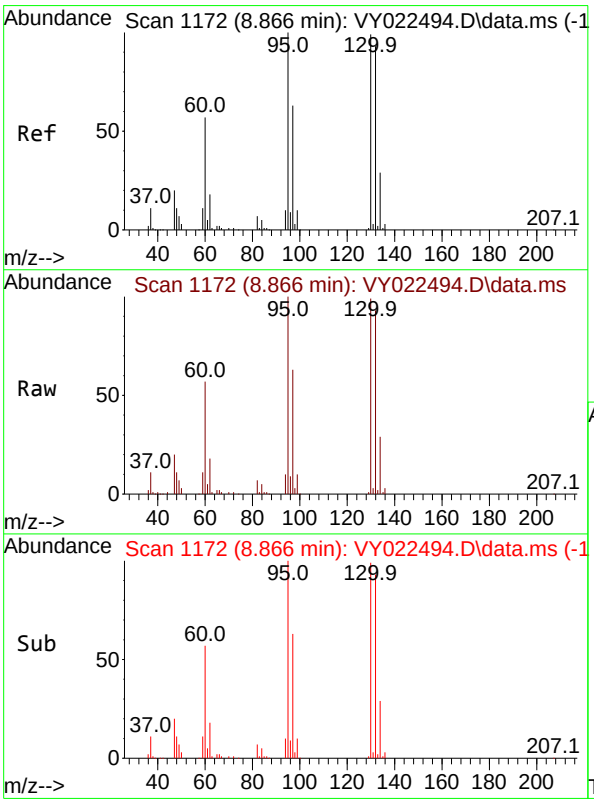
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	12.8	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

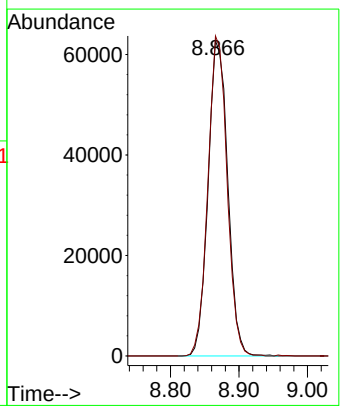


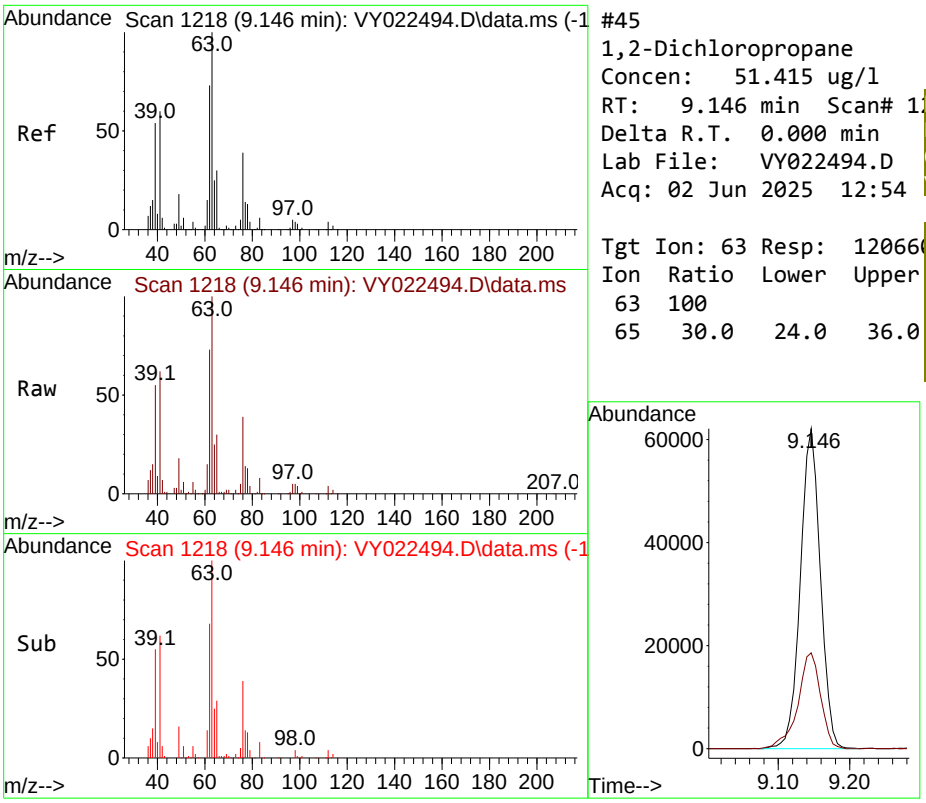


#44
Trichloroethene
Concen: 51.843 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	203.0





#45
1,2-Dichloropropane
Concen: 51.415 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

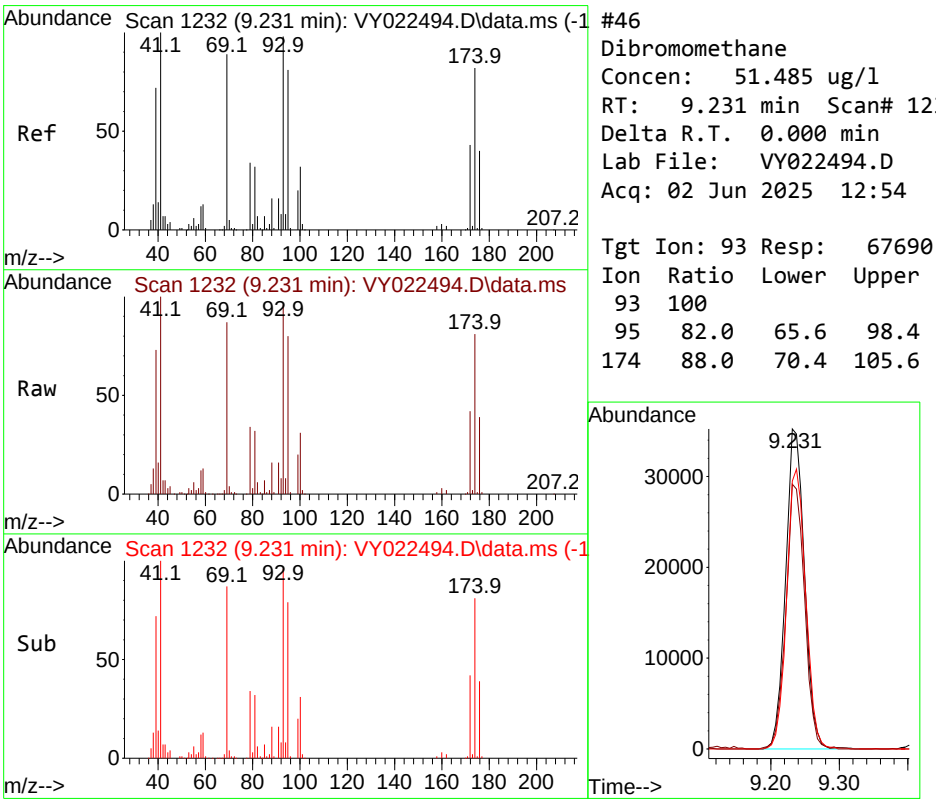
Tgt Ion: 63 Resp: 12066

Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.0	36.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

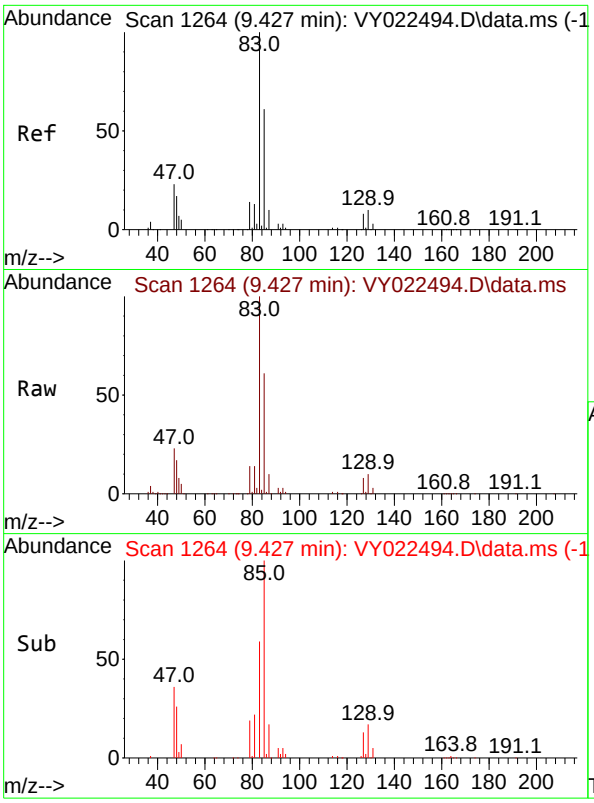
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#46
Dibromomethane
Concen: 51.485 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 93 Resp: 67690

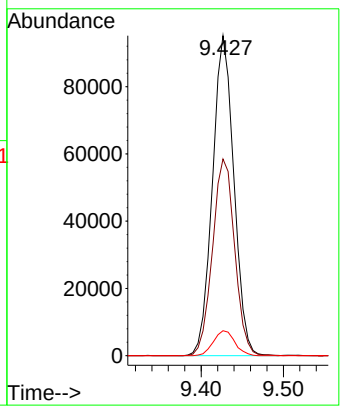
Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	88.0	70.4	105.6



#47
Bromodichloromethane
Concen: 51.664 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 17234

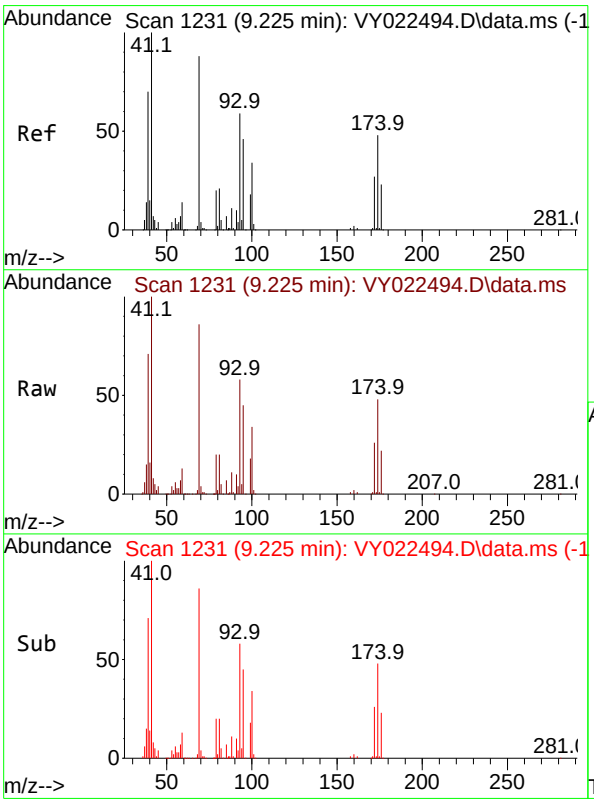
Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

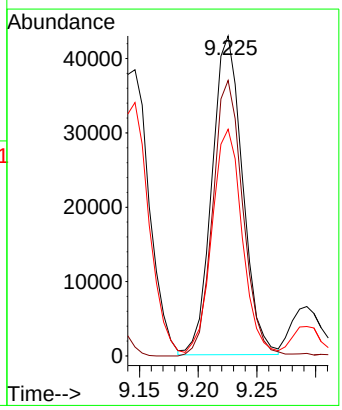
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

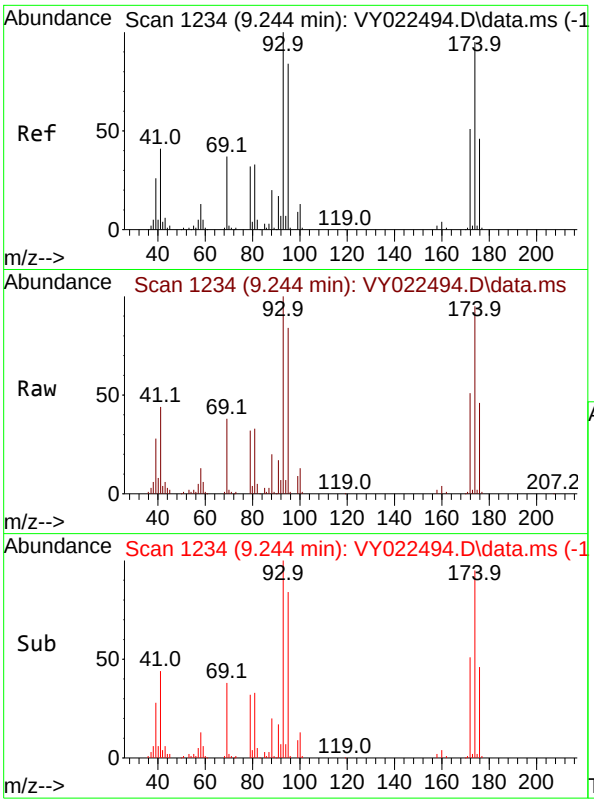


#48
Methyl methacrylate
Concen: 52.963 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885

Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.8	101.8
39	68.7	55.0	82.4

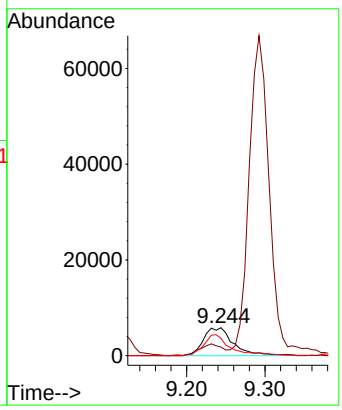




#49
1,4-Dioxane
Concen: 977.637 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 88 Resp: 1533

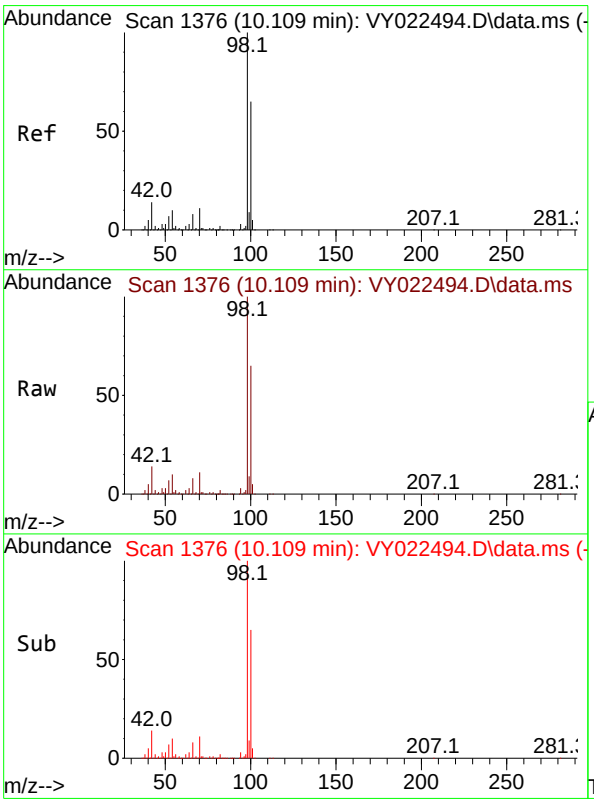
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	68.6	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

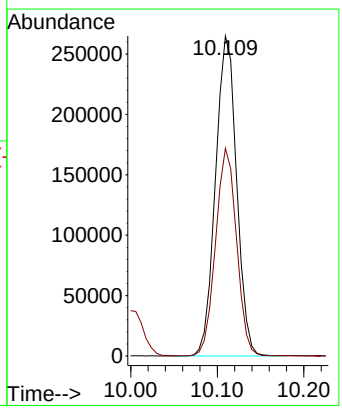
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

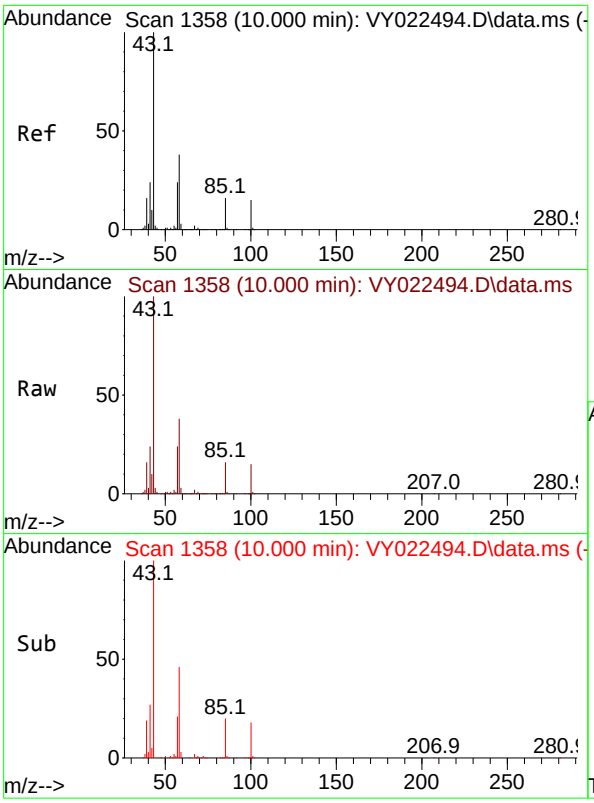


#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

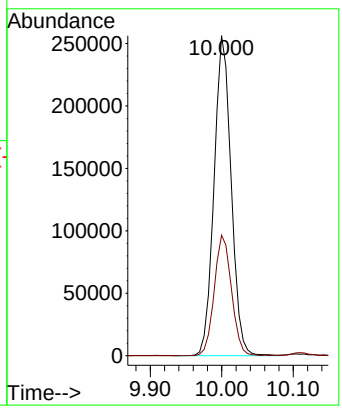




#51
4-Methyl-2-Pentanone
Concen: 267.154 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 42586

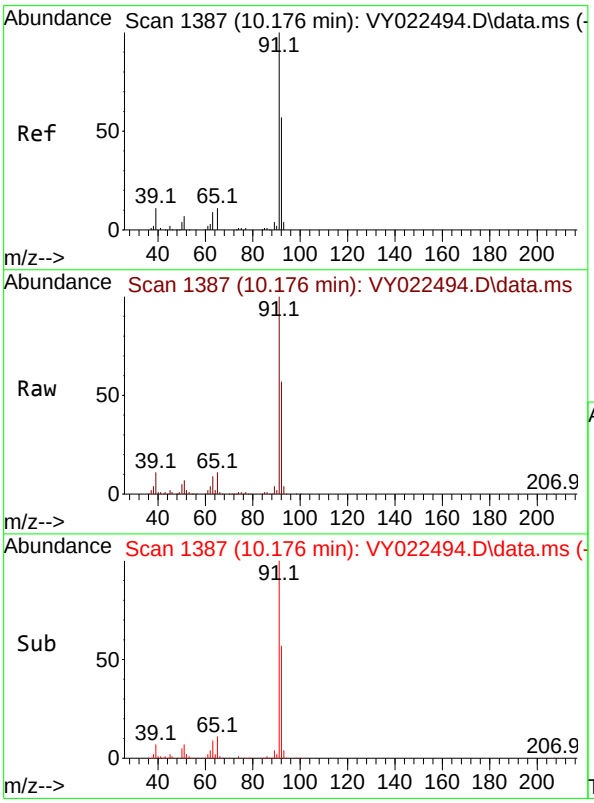
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

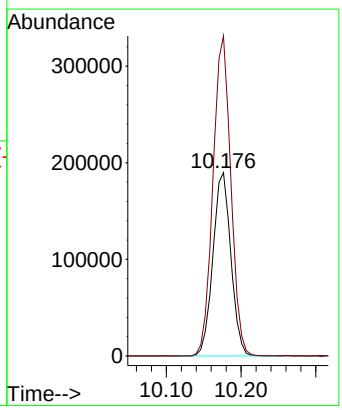
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

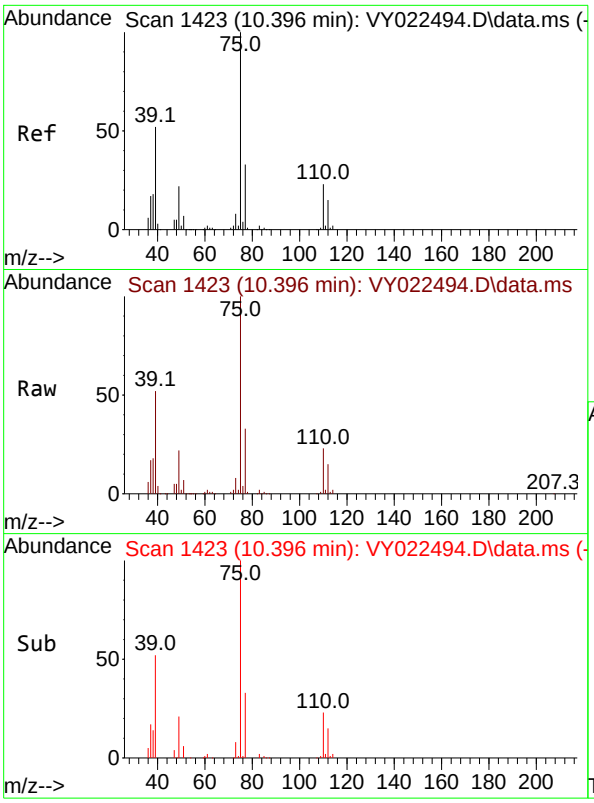


#52
Toluene
Concen: 51.213 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972

Ion	Ratio	Lower	Upper
92	100		
91	173.7	139.0	208.4

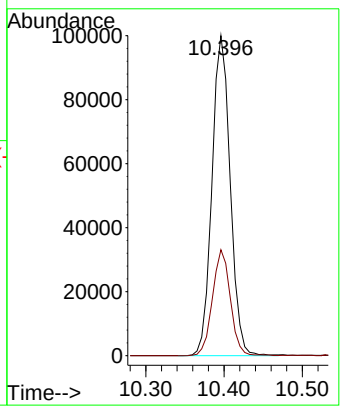




#53
t-1,3-Dichloropropene
Concen: 52.450 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 16185

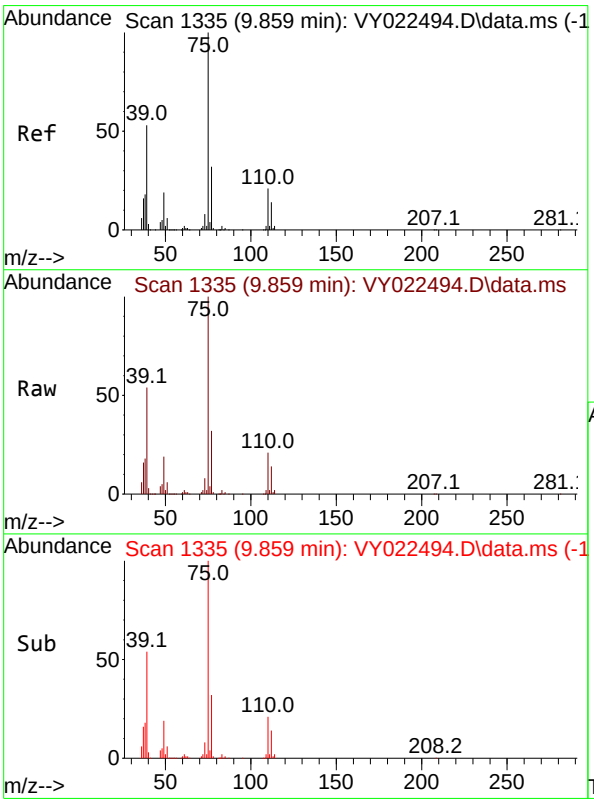
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

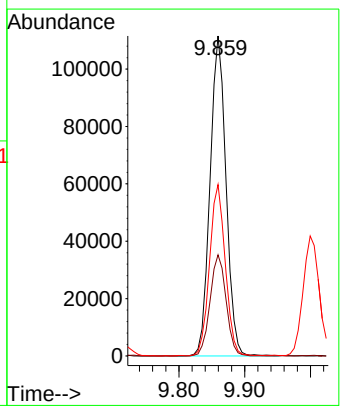
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

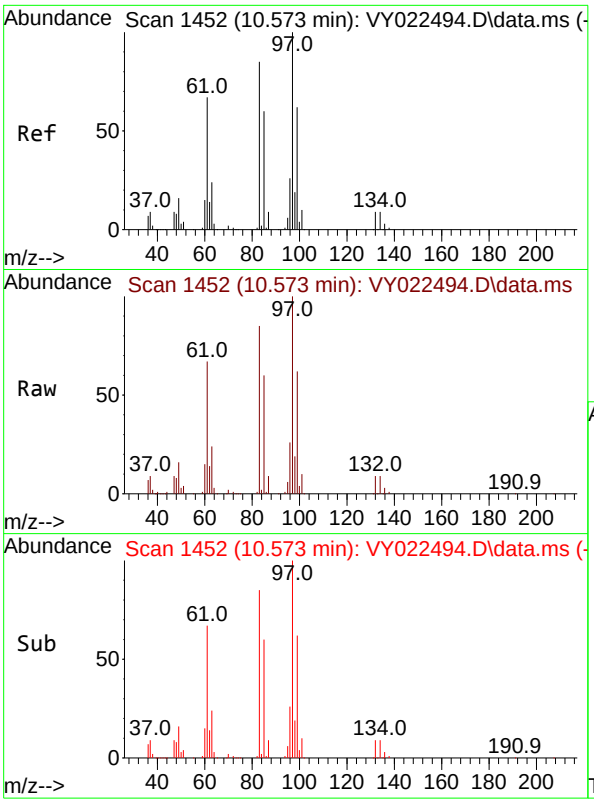


#54
cis-1,3-Dichloropropene
Concen: 52.108 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	53.4	42.7	64.1

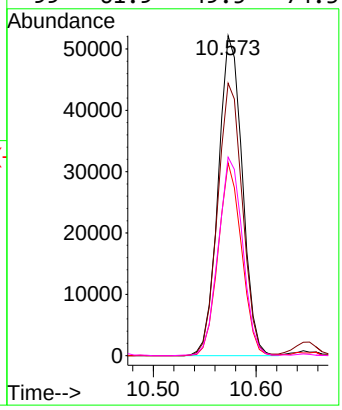




#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 8478

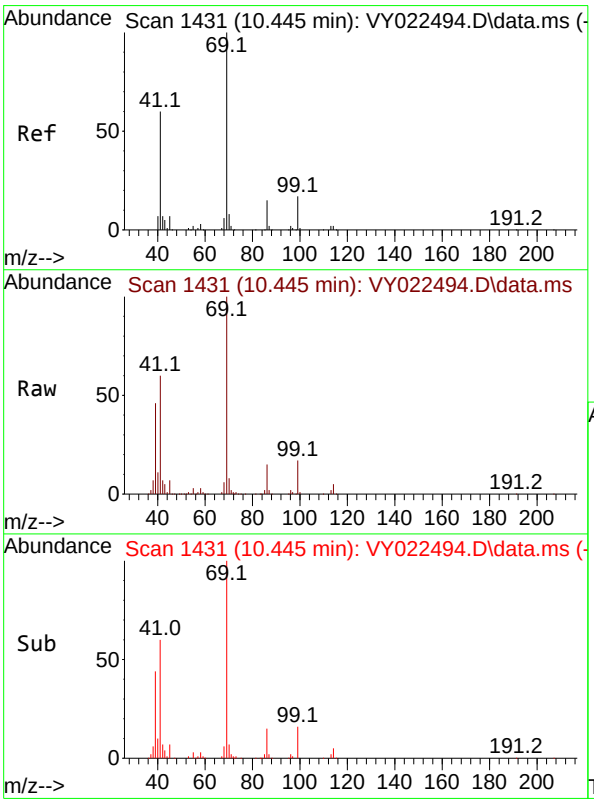
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	60.2	48.2	72.2
99	61.9	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

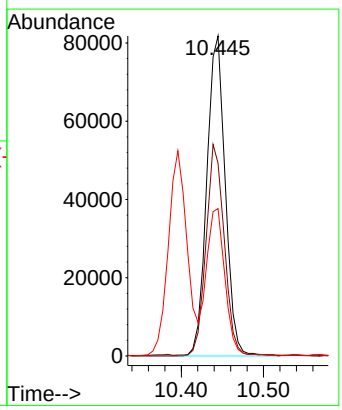
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

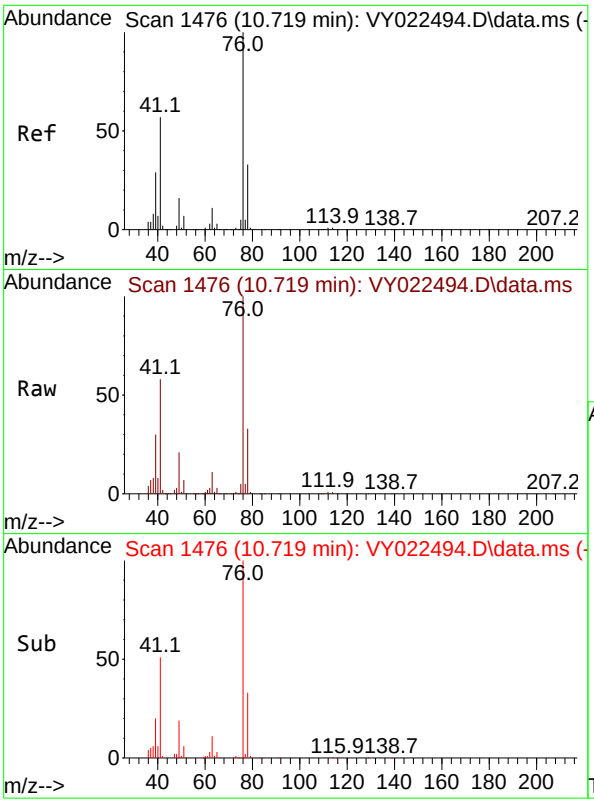


#56
Ethyl methacrylate
Concen: 52.930 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 69 Resp: 127271

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	45.9	36.7	55.1

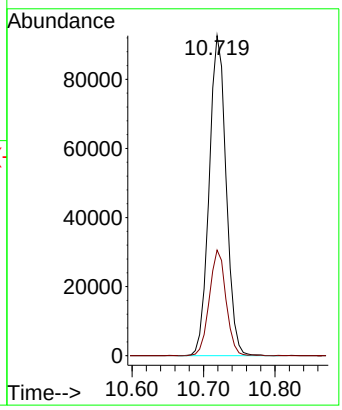




#57
1,3-Dichloropropane
Concen: 51.821 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 76 Resp: 15280

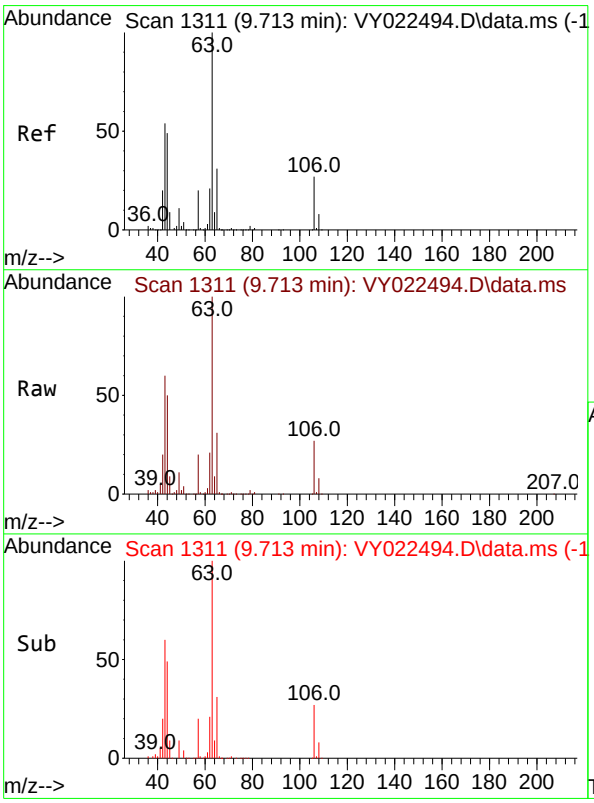
Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

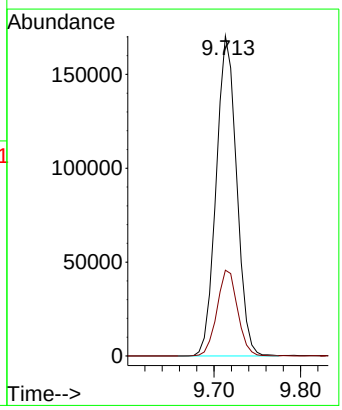
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

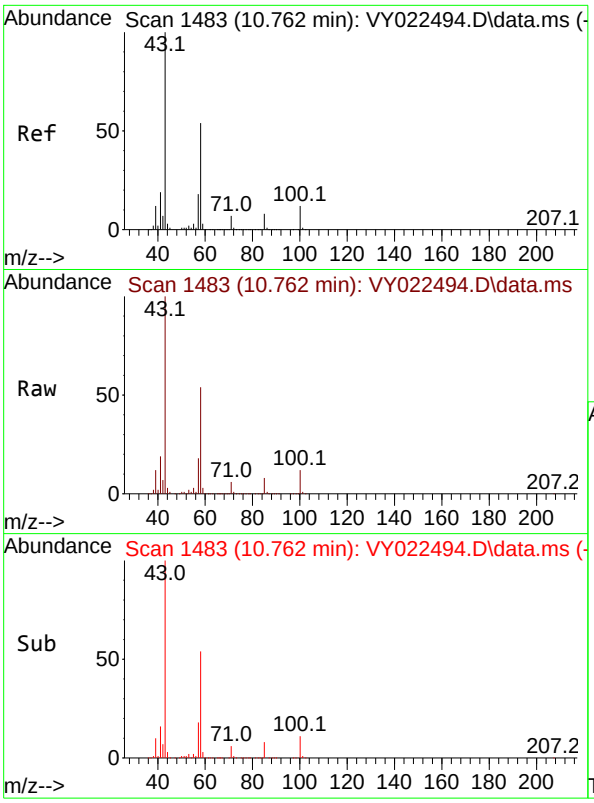


#58
2-Chloroethyl Vinyl ether
Concen: 260.896 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 279669

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.6	32.4





#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

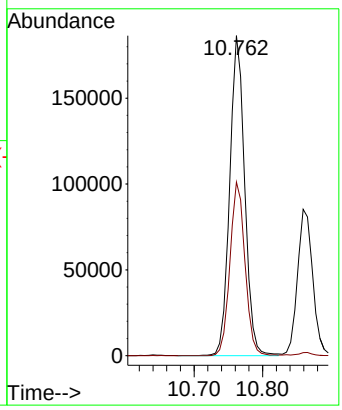
Tgt Ion: 43 Resp: 28360

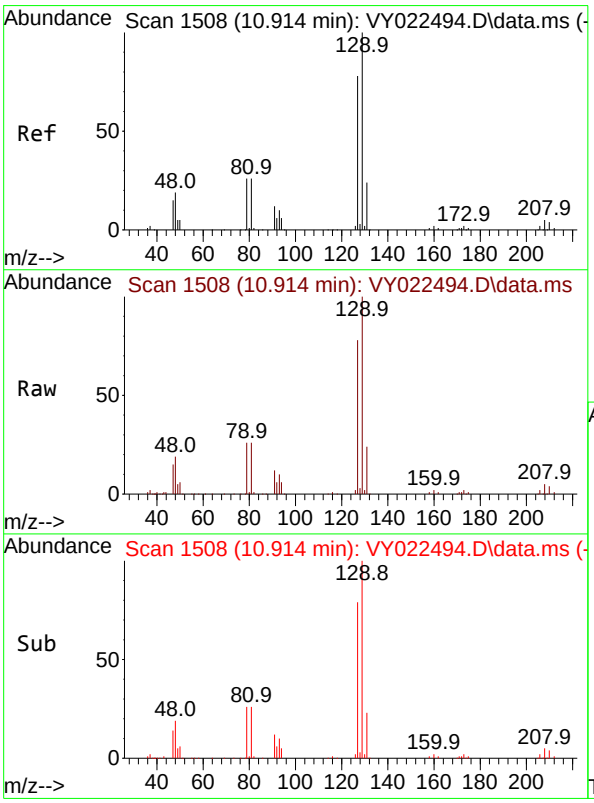
Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

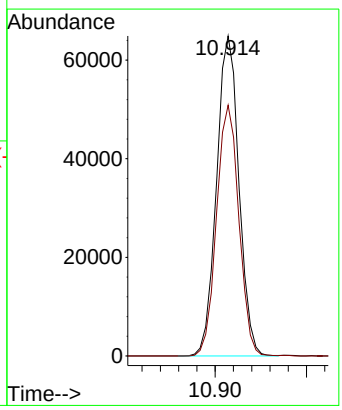


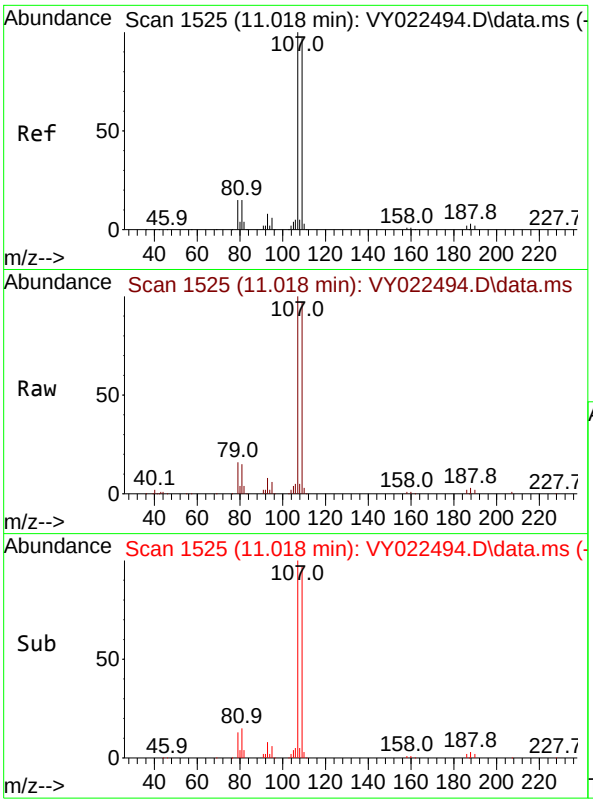


#60
Dibromochloromethane
Concen: 52.582 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:129 Resp: 110314

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2

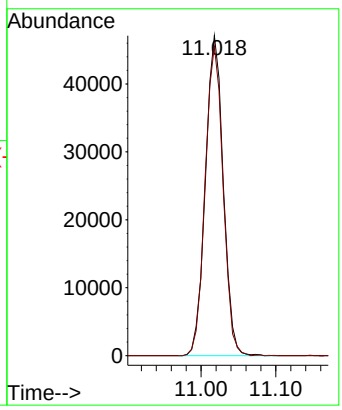




#61
1,2-Dibromoethane
Concen: 51.150 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:107 Resp: 7815

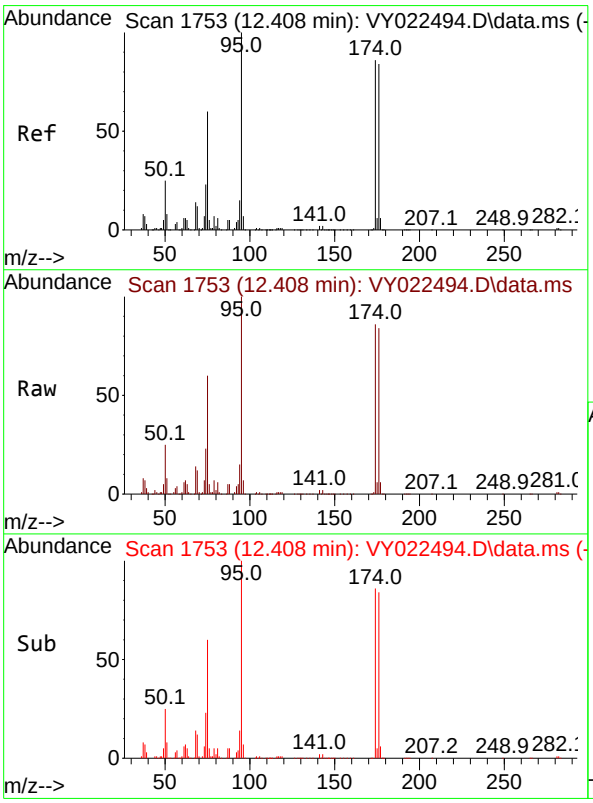
Ion	Ratio	Lower	Upper
107	100		
109	97.1	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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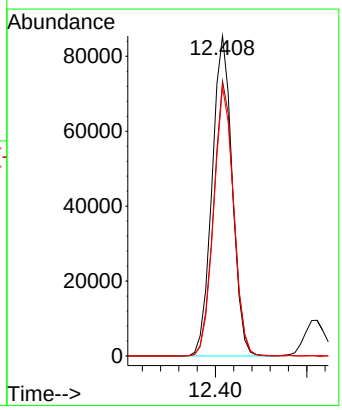
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

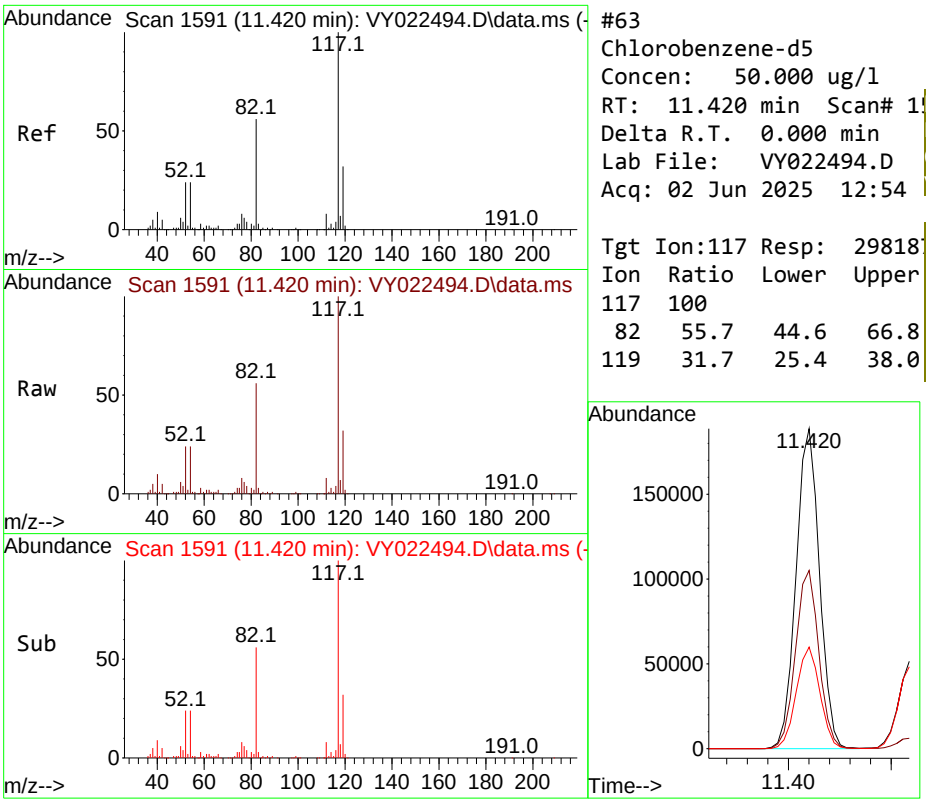


#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	170.0
176	83.1	0.0	166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

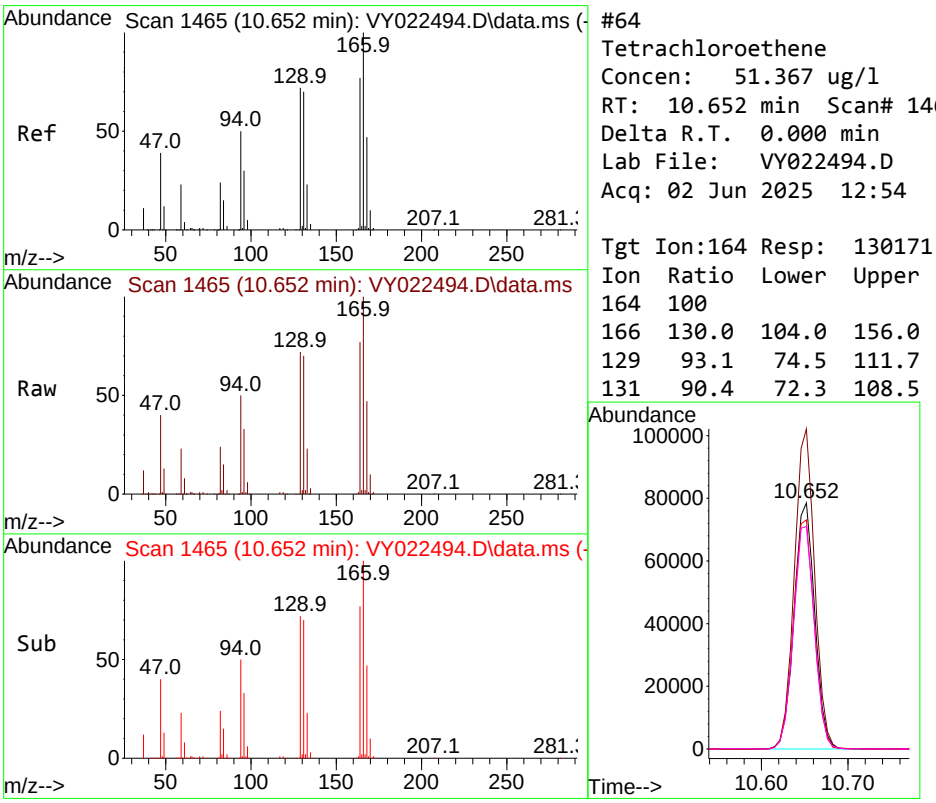
Tgt Ion:117 Resp: 29818

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.7	25.4	38.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

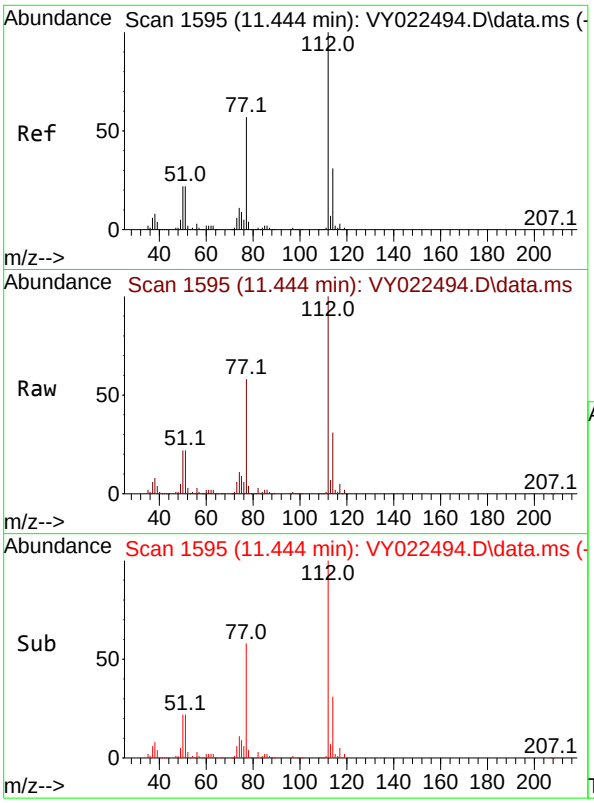
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64
Tetrachloroethene
Concen: 51.367 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:164 Resp: 130171

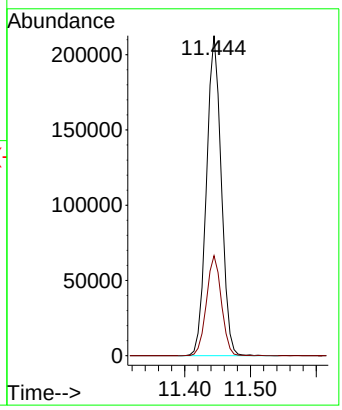
Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.1	74.5	111.7
131	90.4	72.3	108.5



#65
Chlorobenzene
Concen: 51.447 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:112 Resp: 33264

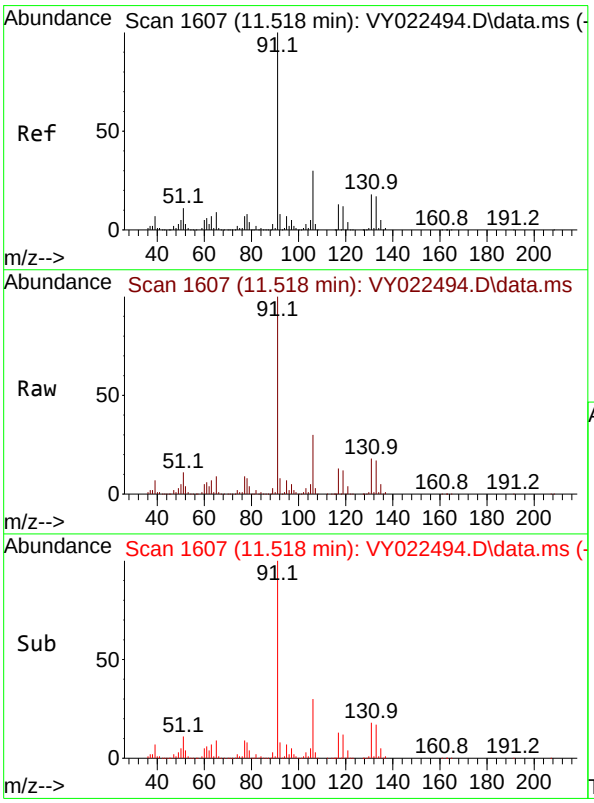
Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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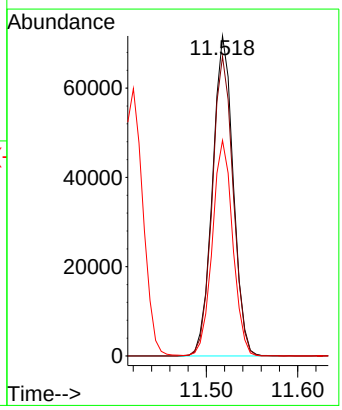
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

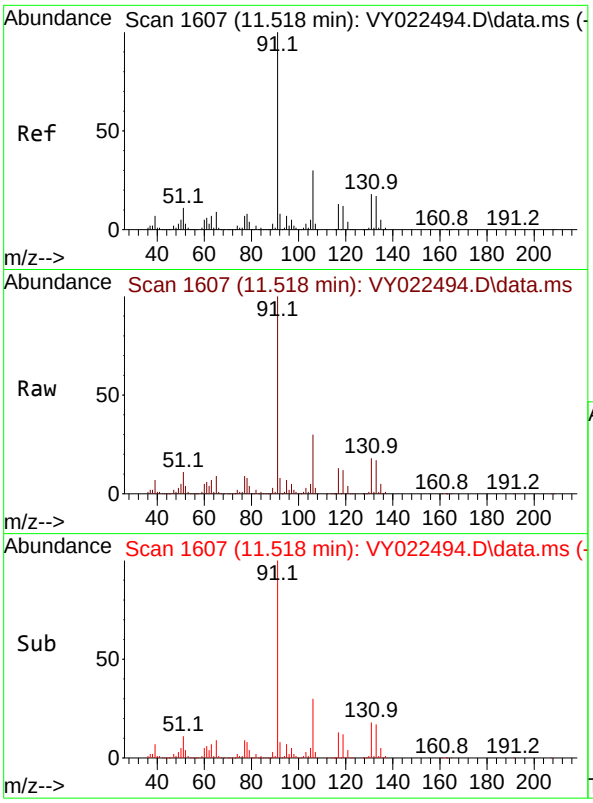


#66
1,1,1,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:131 Resp: 112934

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	66.2	33.1	99.3





#67
Ethyl Benzene
Concen: 51.577 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

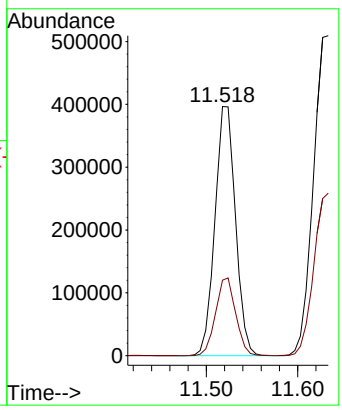
Tgt Ion: 91 Resp: 62103

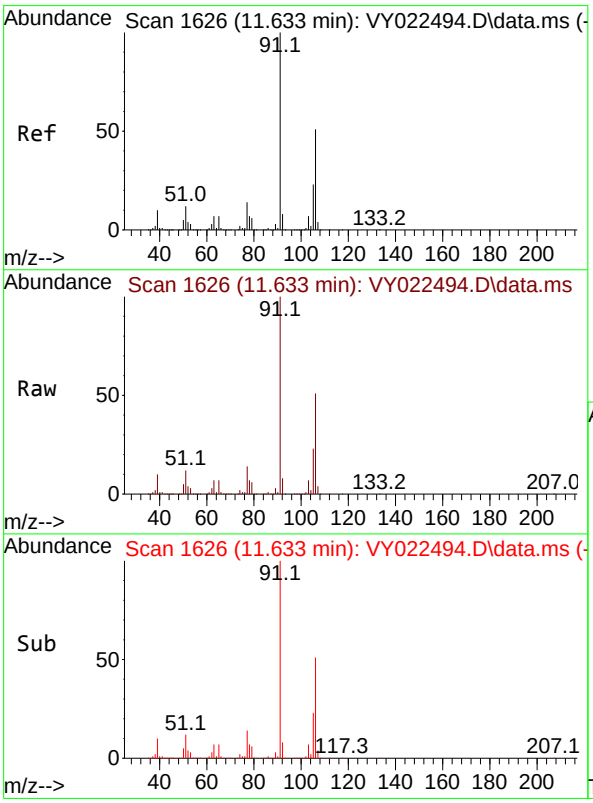
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

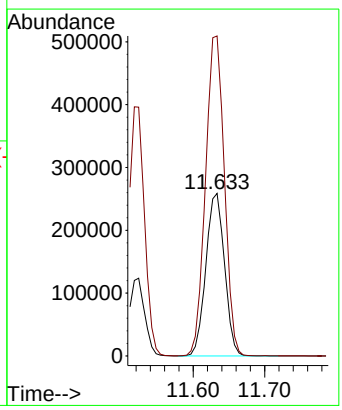


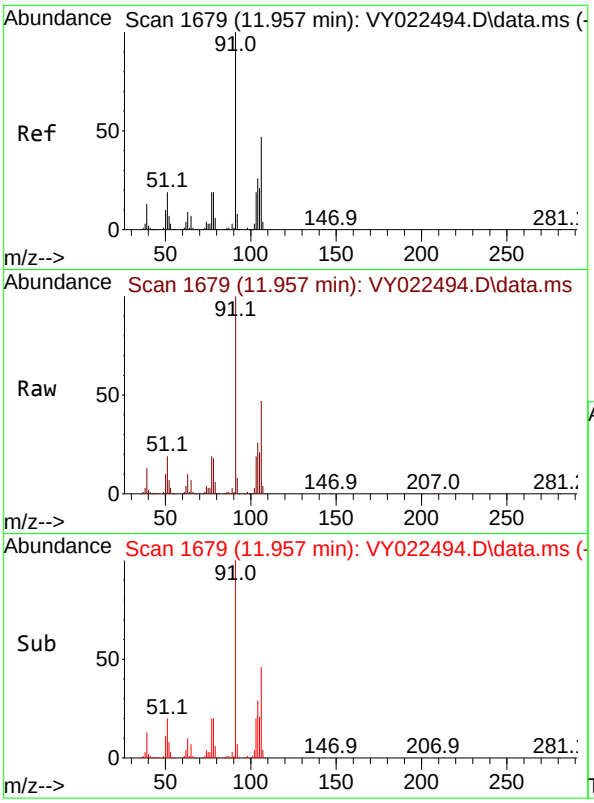


#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:106 Resp: 468441

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0





#69
o-Xylene
Concen: 51.293 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

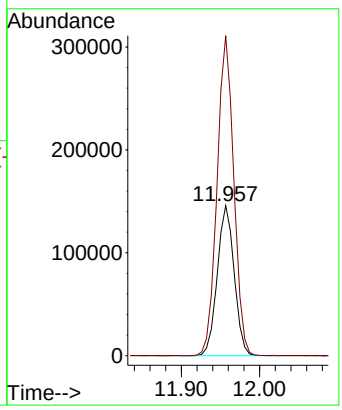
Tgt Ion:106 Resp: 21876

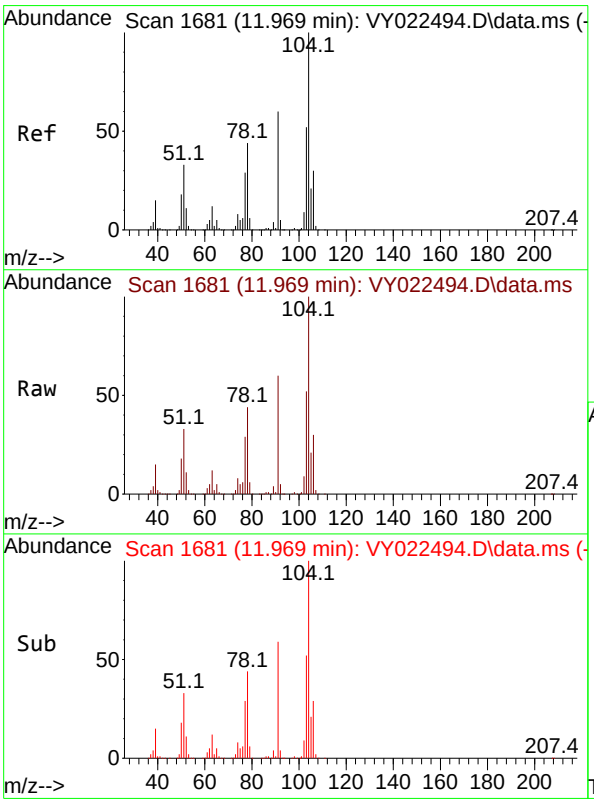
Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

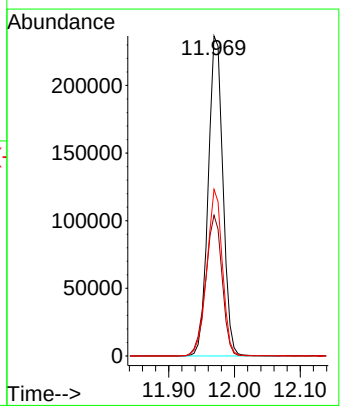


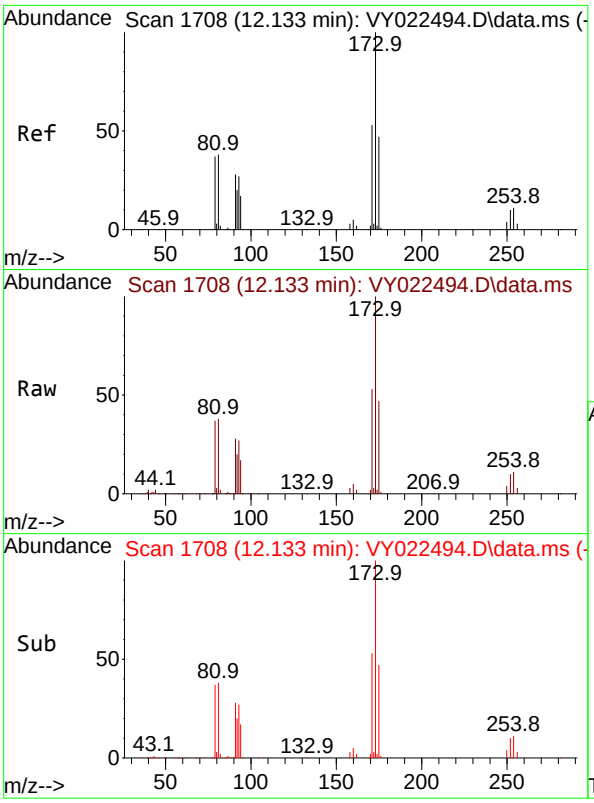


#70
Styrene
Concen: 52.052 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553

Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.5	59.3
103	55.1	44.1	66.1

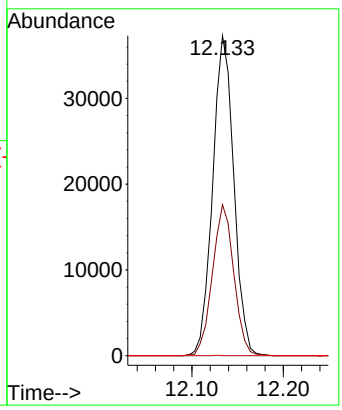




#71
Bromoform
Concen: 51.996 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:173 Resp: 5988

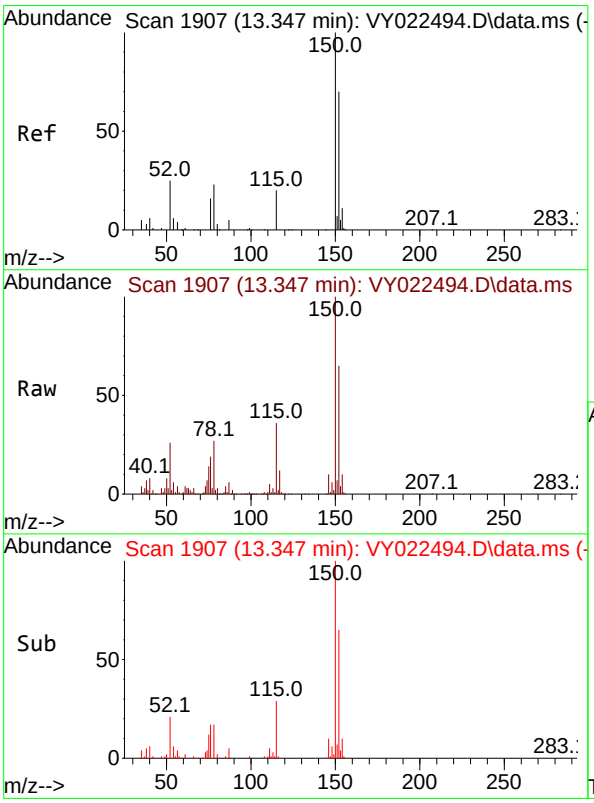
Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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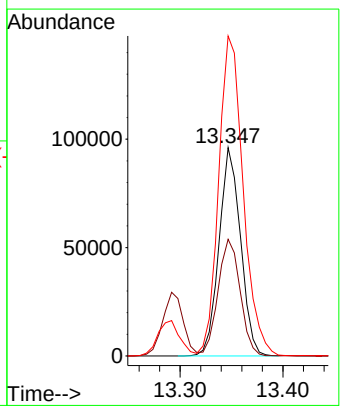
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

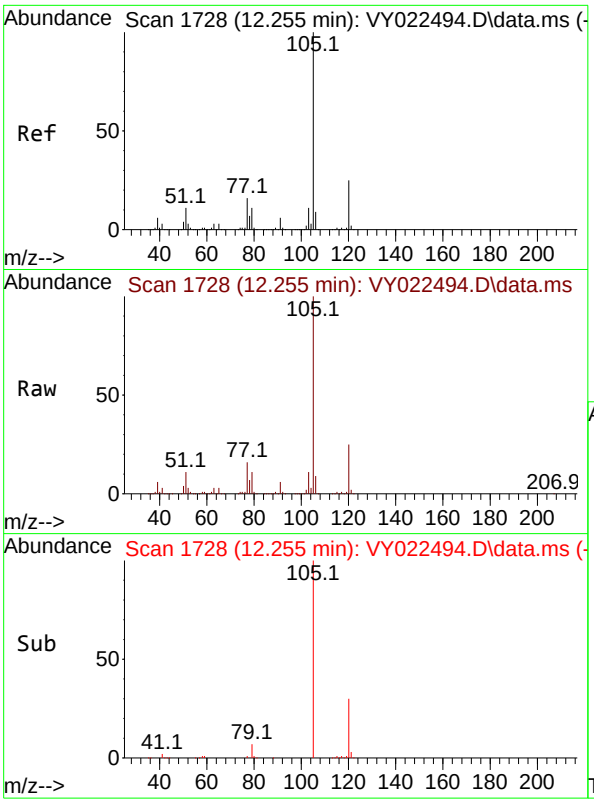


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:152 Resp: 139554

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	174.8	0.0	349.6

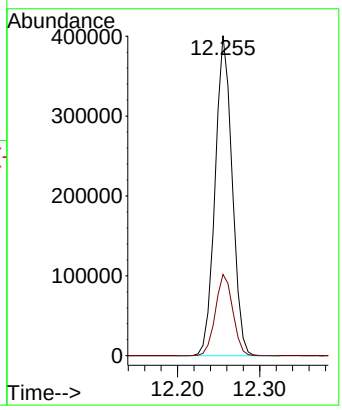




#73
Isopropylbenzene
Concen: 51.329 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 57713

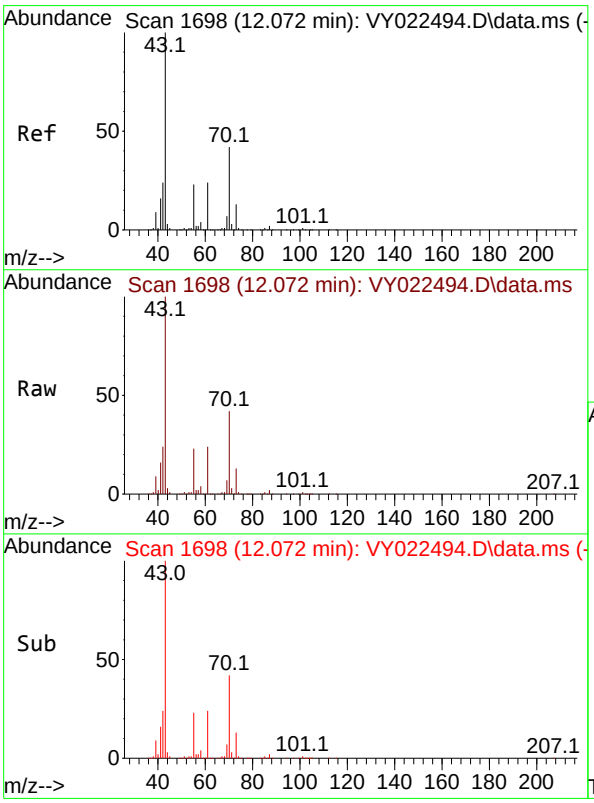
Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

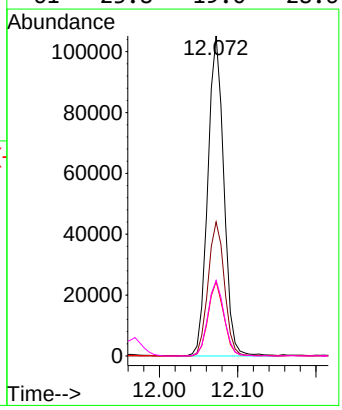
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

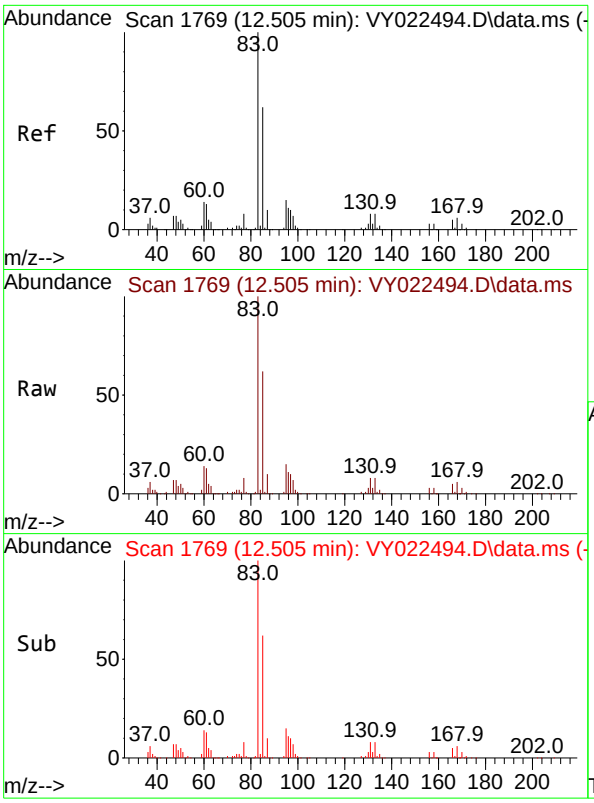


#74
N-amyl acetate
Concen: 52.627 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.2	51.2
55	22.8	18.2	27.4
61	23.8	19.0	28.6

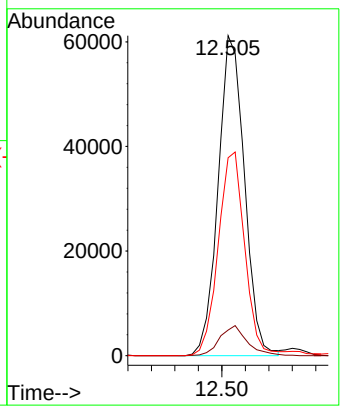




#75
1,1,2,2-Tetrachloroethane
Concen: 52.145 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 9521

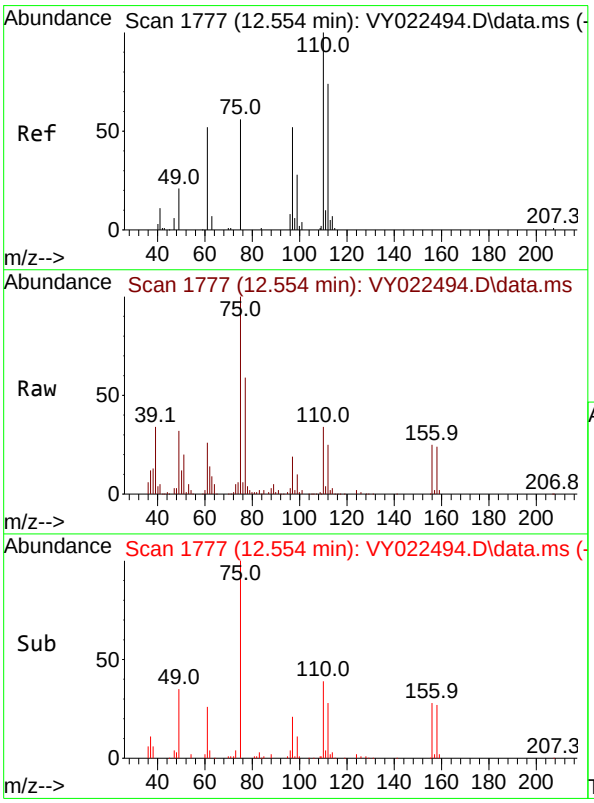
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.2	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
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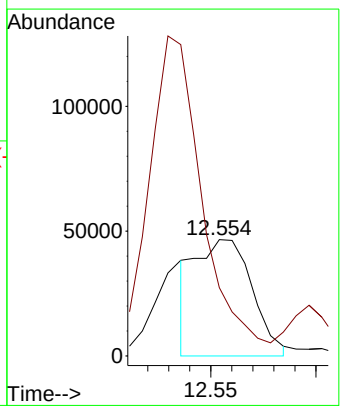
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

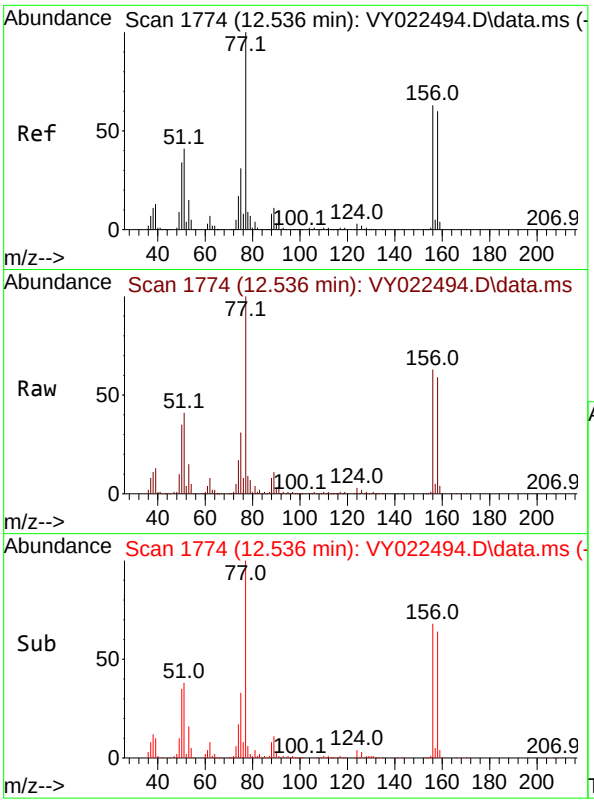


#76
1,2,3-Trichloropropane
Concen: 47.747 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 87965

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 50.812 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

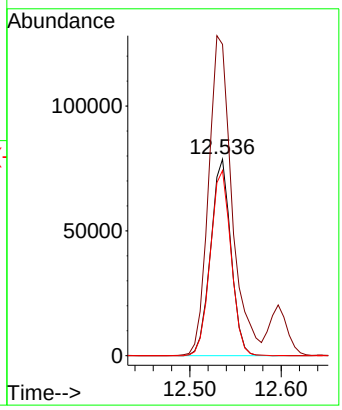
Tgt Ion:156 Resp: 12109

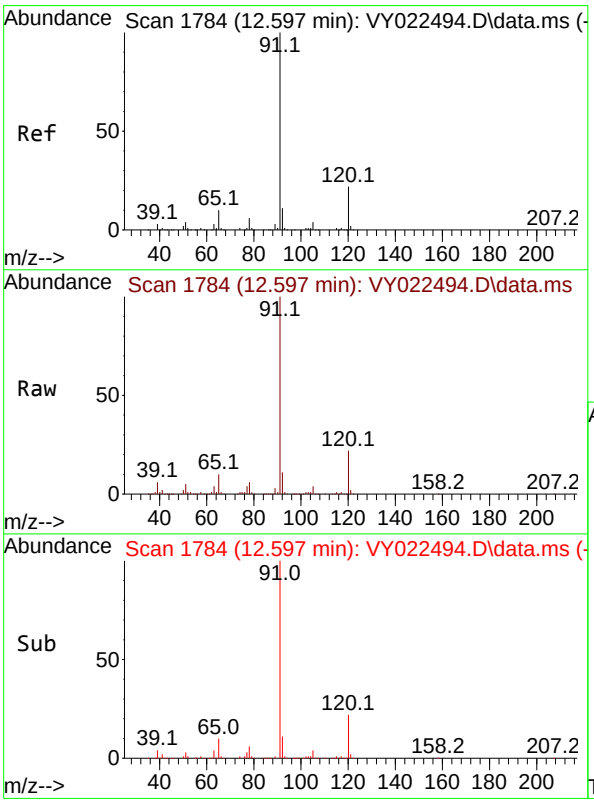
Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	96.4	48.2	144.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

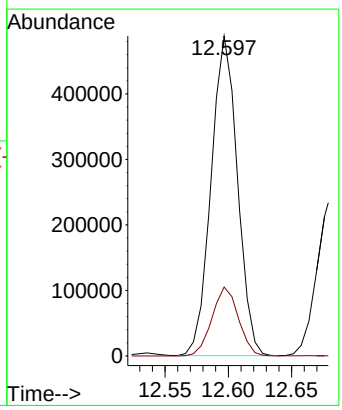


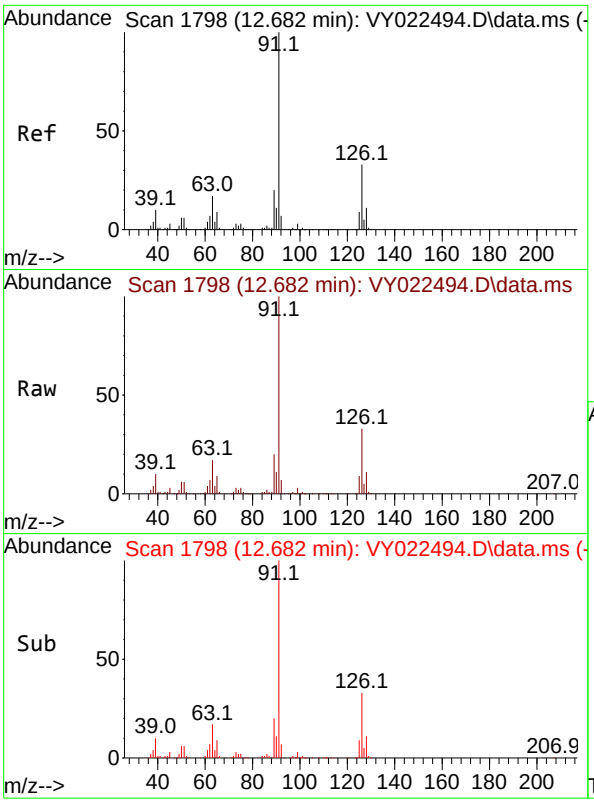


#78
n-propylbenzene
Concen: 51.667 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 707143

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4

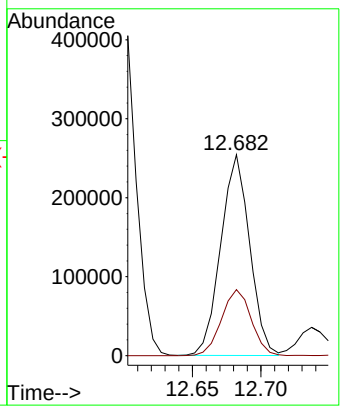




#79
2-Chlorotoluene
Concen: 51.670 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 37340

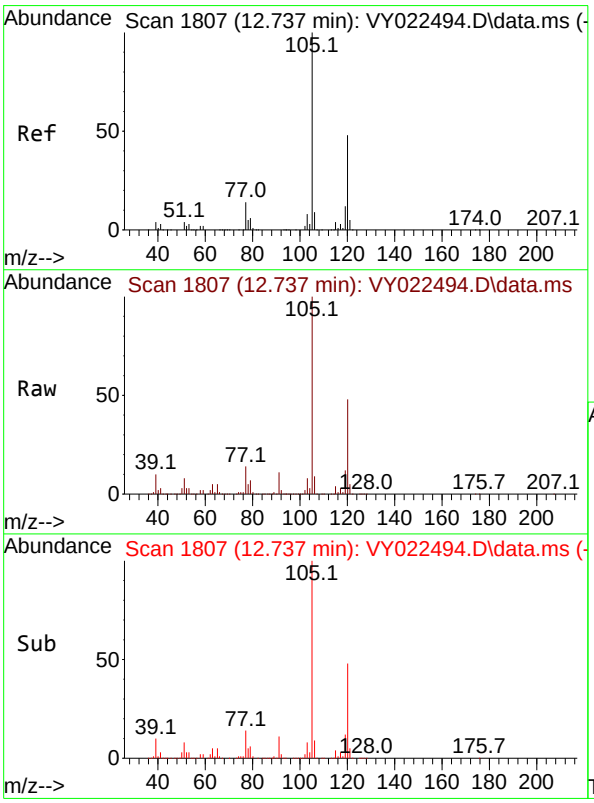
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

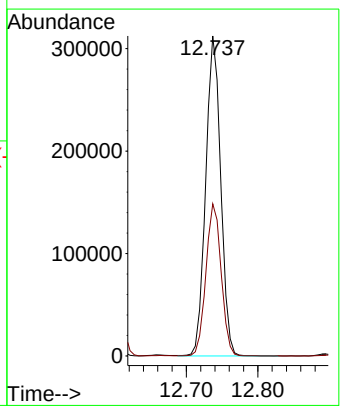
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

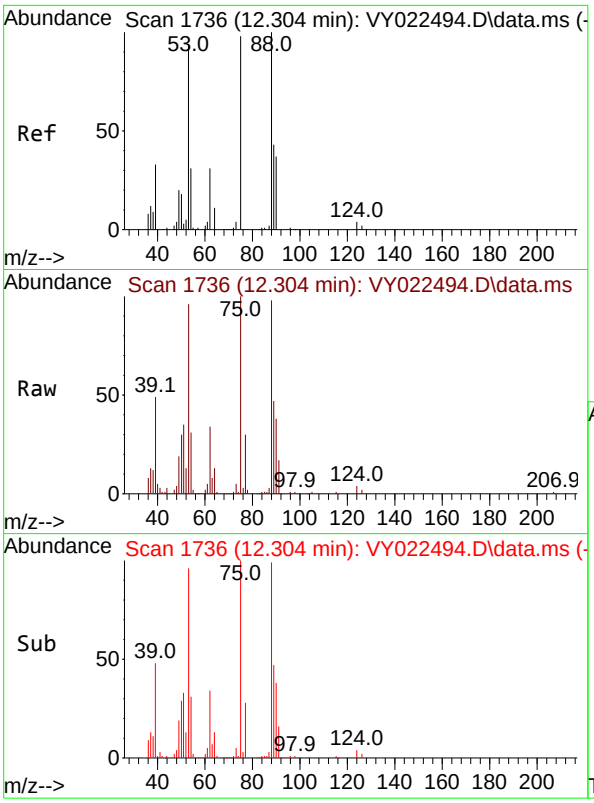


#80
1,3,5-Trimethylbenzene
Concen: 51.754 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 455006

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

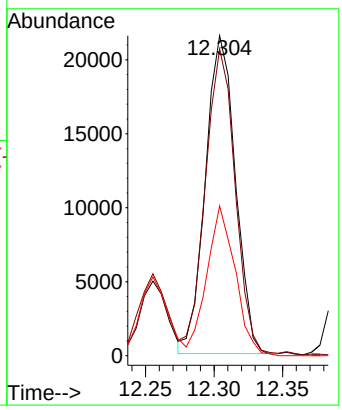




#81
trans-1,4-Dichloro-2-butene
Concen: 50.780 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 3263

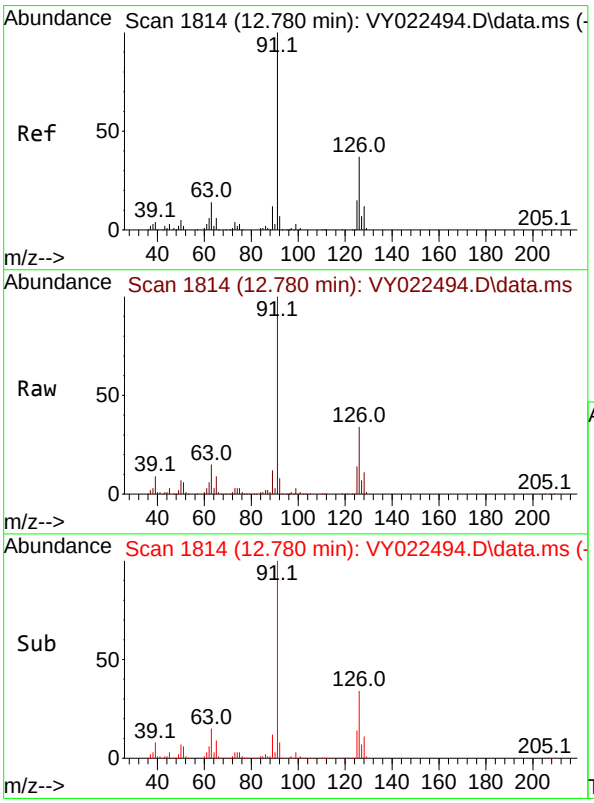
Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	44.6	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

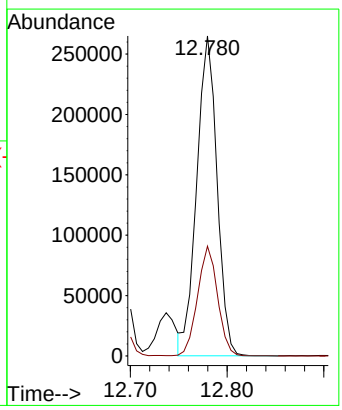
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

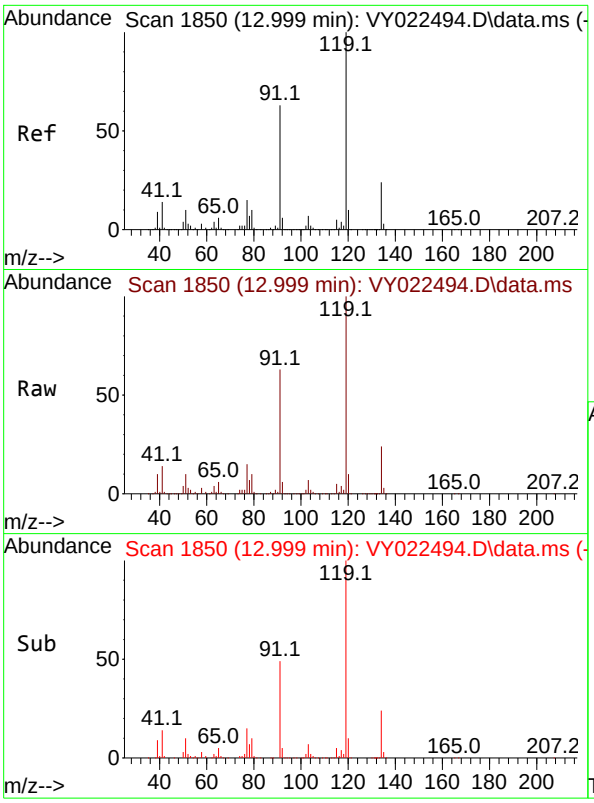


#82
4-Chlorotoluene
Concen: 51.710 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9

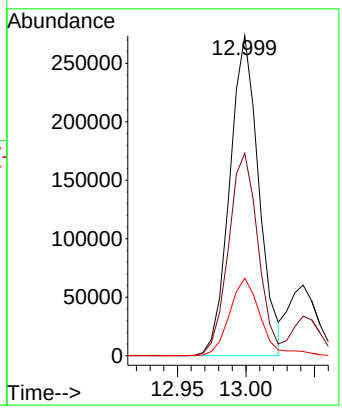




#83
tert-Butylbenzene
Concen: 50.438 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 40451

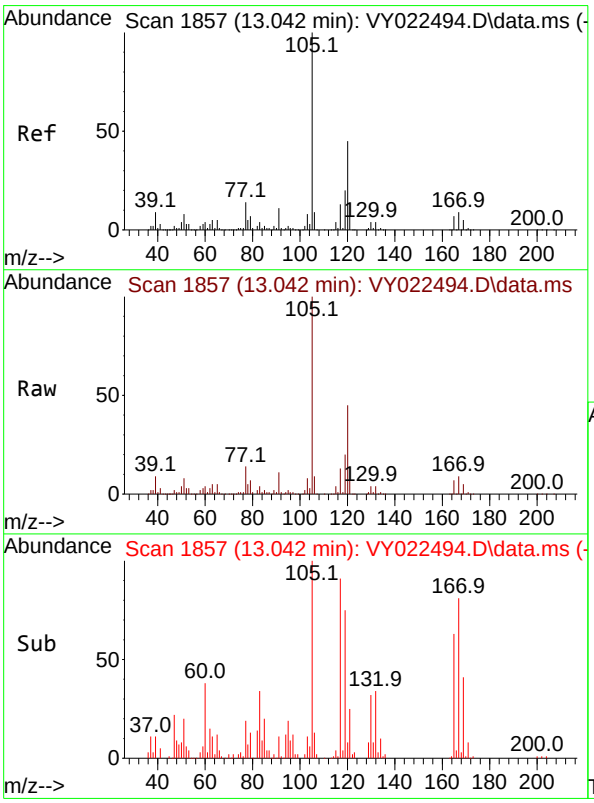
Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

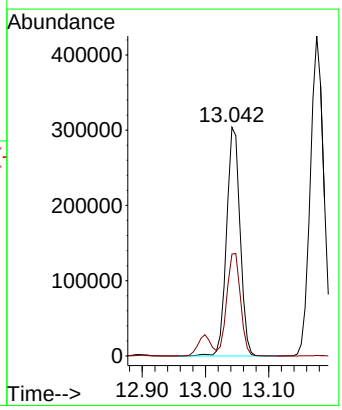
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

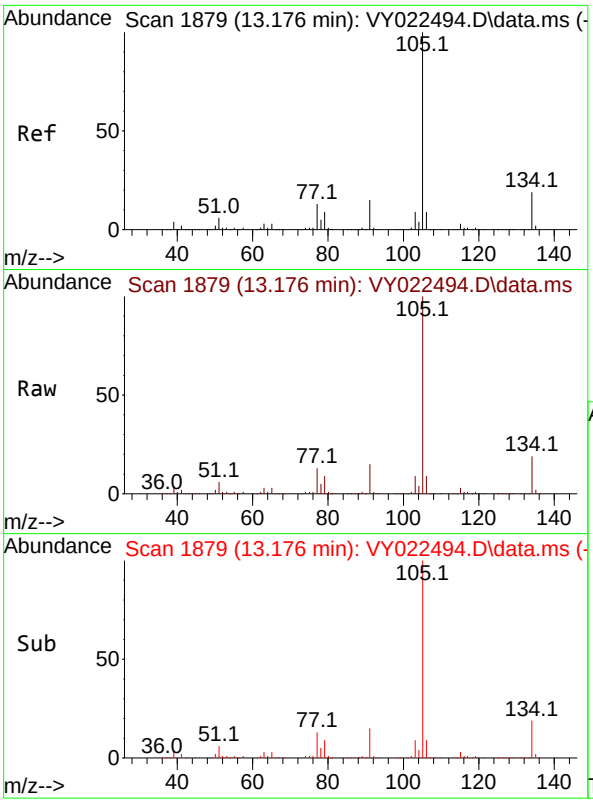


#84
1,2,4-Trimethylbenzene
Concen: 51.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1

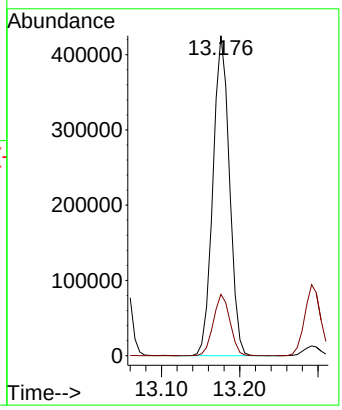




#85
sec-Butylbenzene
Concen: 51.250 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 62318

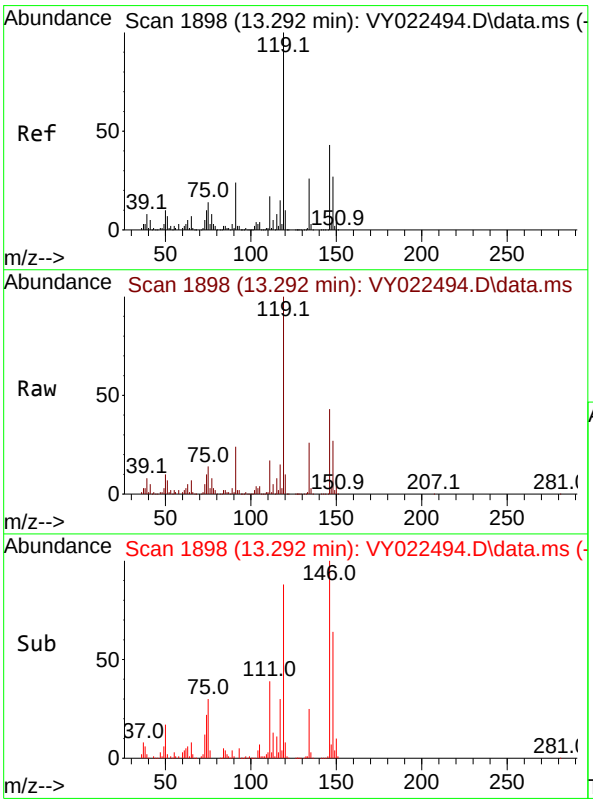
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

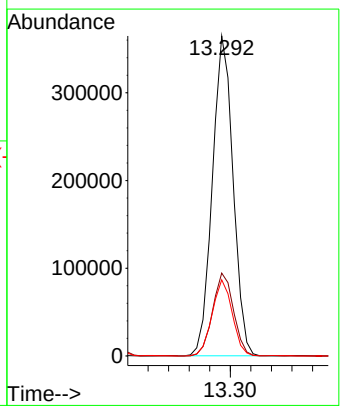
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

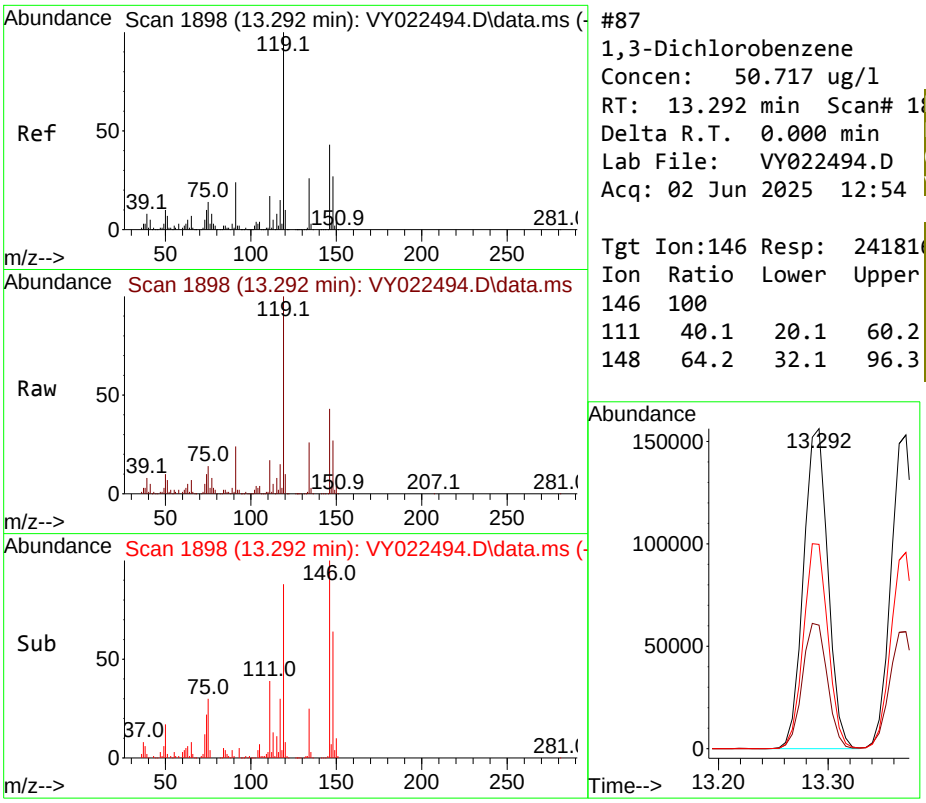


#86
p-Isopropyltoluene
Concen: 51.018 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 510026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 50.717 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

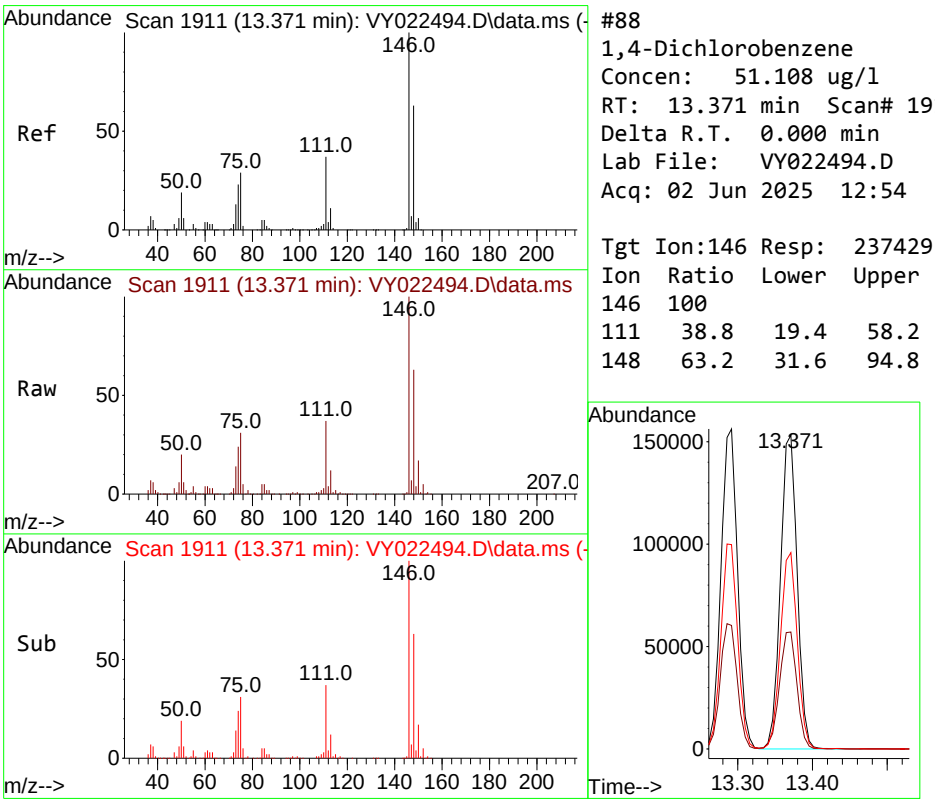
Tgt Ion:146 Resp: 24181

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.2	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

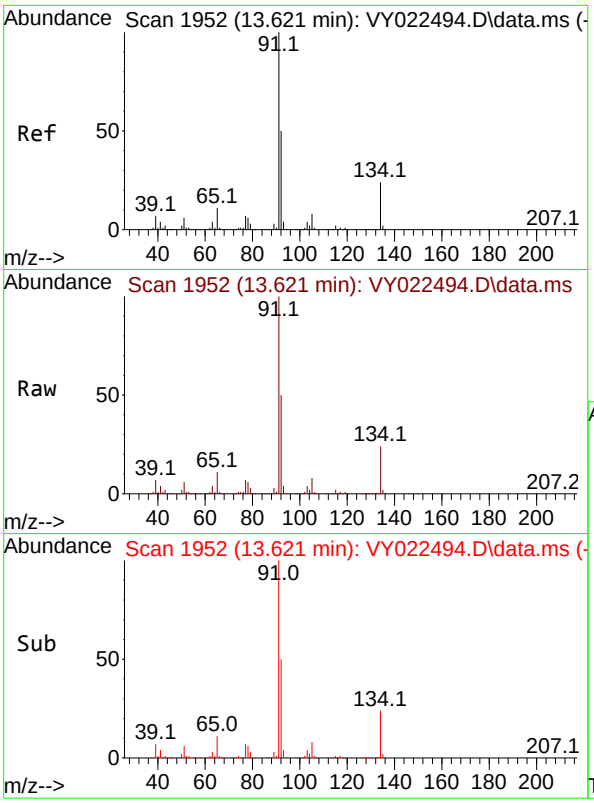
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 51.108 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429

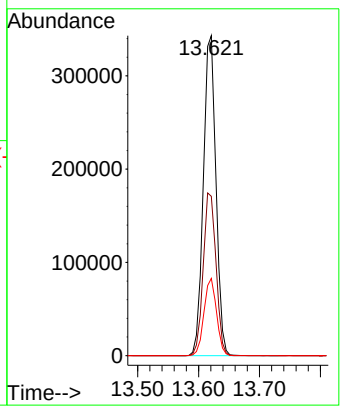
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.2	31.6	94.8



#89
n-Butylbenzene
Concen: 51.811 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 49315

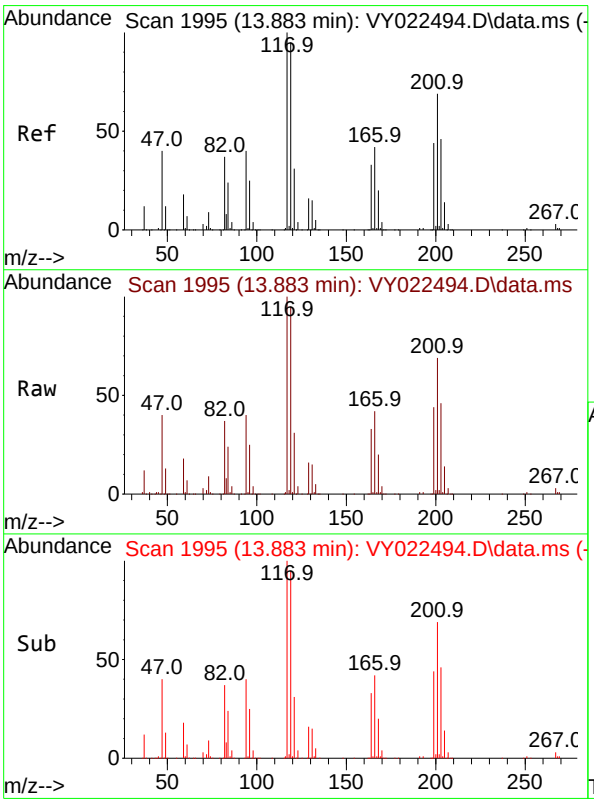
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

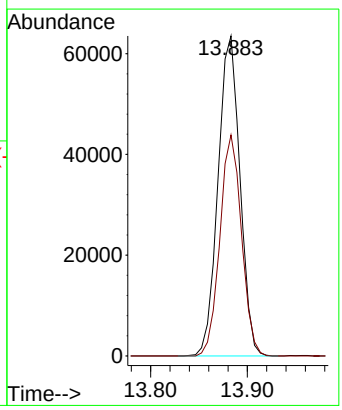
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

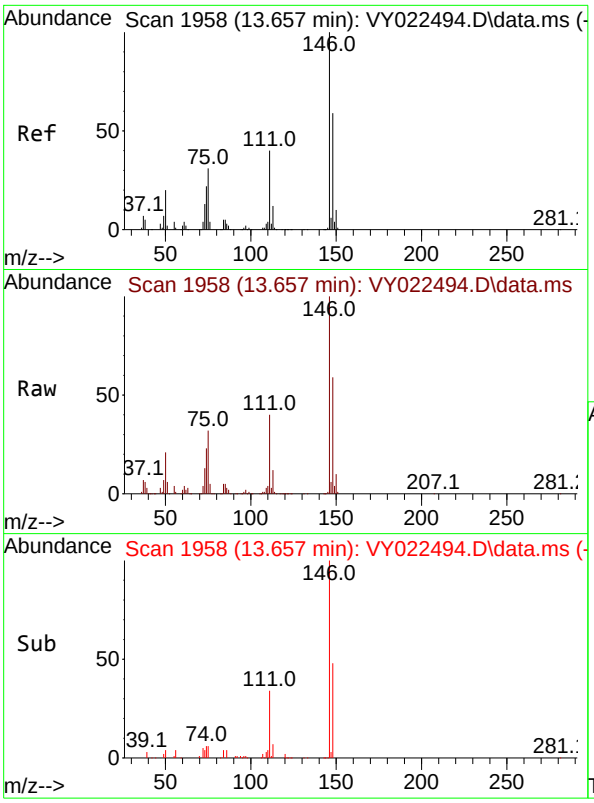


#90
Hexachloroethane
Concen: 51.068 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 99901

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0

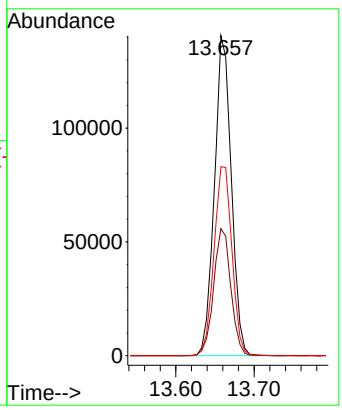




#91
1,2-Dichlorobenzene
Concen: 51.528 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 21106

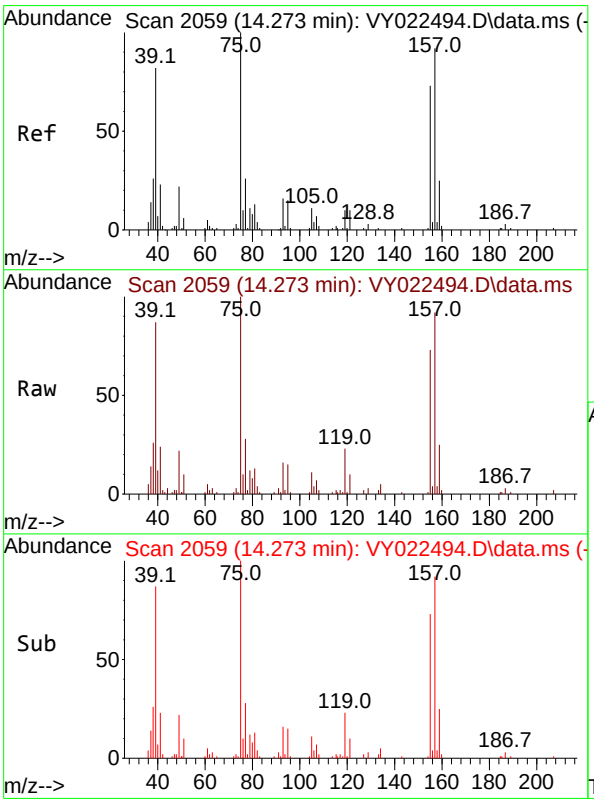
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.7	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

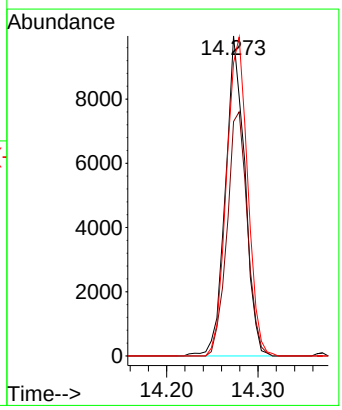
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

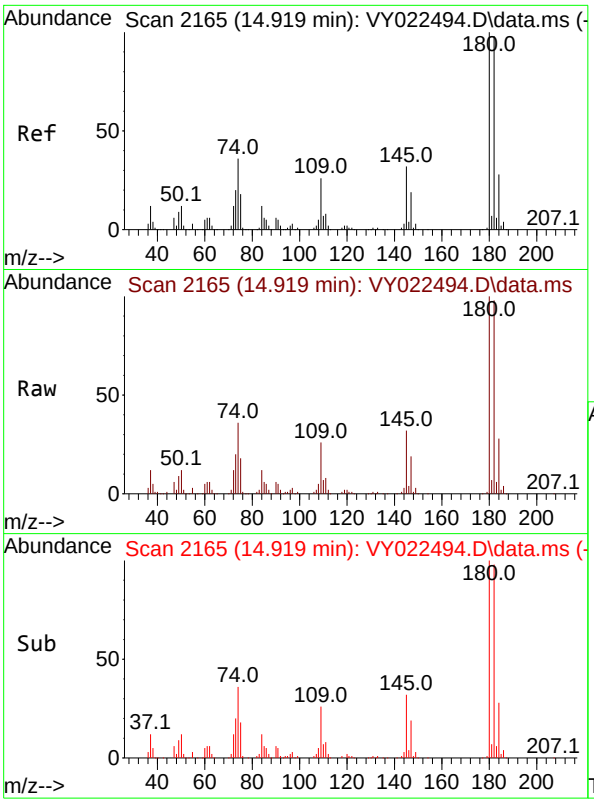


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.244 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 14697

Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	108.0	54.0	162.0

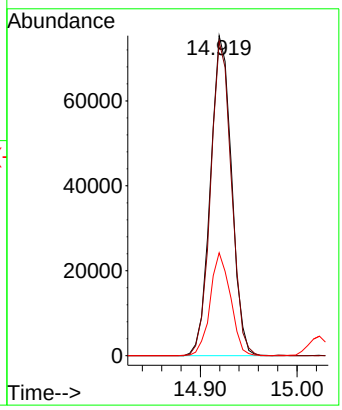




#93
1,2,4-Trichlorobenzene
Concen: 50.919 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 11400

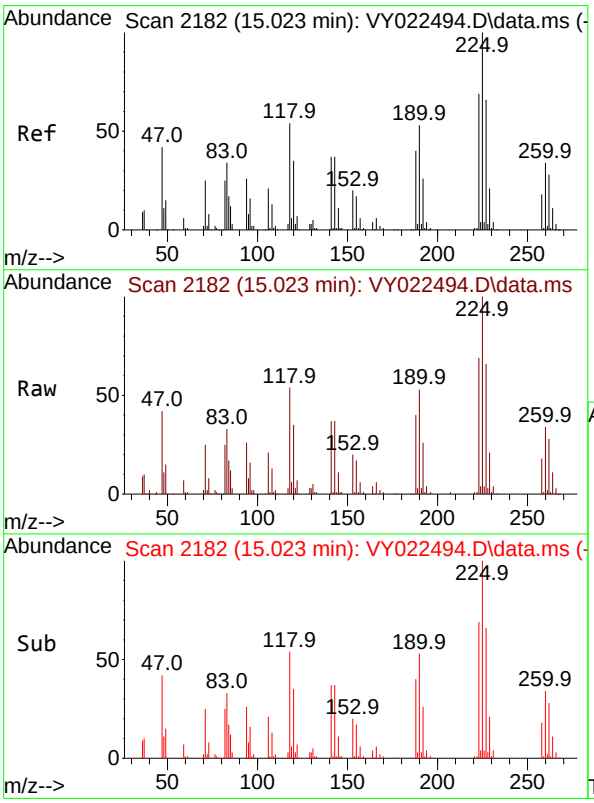
Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	31.0	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

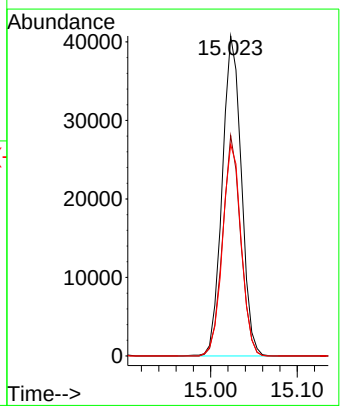
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

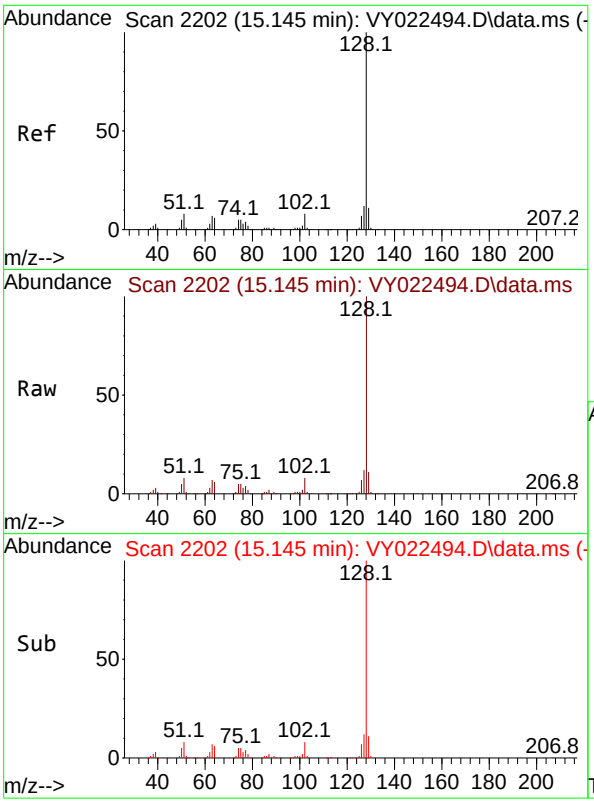


#94
Hexachlorobutadiene
Concen: 51.054 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:225 Resp: 62434

Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.4
227	64.6	32.3	96.9

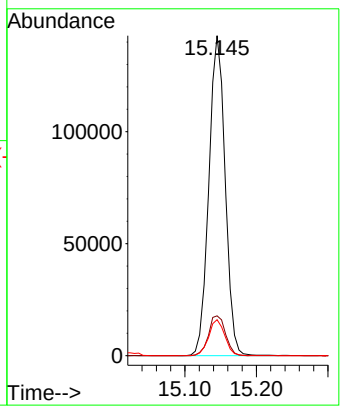




#95
Naphthalene
Concen: 52.686 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:128 Resp: 22607

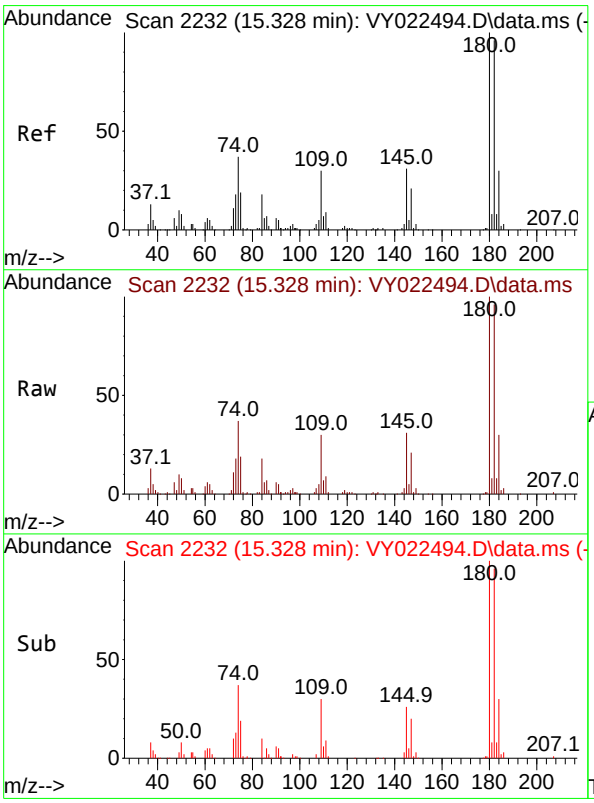
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

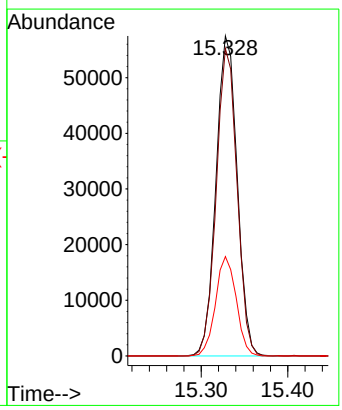
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.295 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	30.4	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.713	168	220566	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.615	114	362519	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	312741	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150217	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	243724	101.553	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.100%#				
35) Dibromofluoromethane	7.634	113	222443	104.234	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.460%#				
50) Toluene-d8	10.109	98	908424	105.318	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 210.640%#				
62) 4-Bromofluorobenzene	12.407	95	270310	103.359	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.720%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	175145	90.872	ug/l		97
3) Chloromethane	2.068	50	519859	91.429	ug/l		99
4) Vinyl Chloride	2.202	62	636843	95.695	ug/l		100
5) Bromomethane	2.592	94	591589	93.980	ug/l		99
6) Chloroethane	2.732	64	414935	91.070	ug/l		96
7) Trichlorofluoromethane	3.049	101	539323	95.384	ug/l		97
8) Diethyl Ether	3.458	74	122923	98.428	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.817	101	230240	97.074	ug/l		99
10) Methyl Iodide	4.006	142	278576	109.525	ug/l		99
11) Tert butyl alcohol	4.878	59	83900	489.395	ug/l	#	87
12) 1,1-Dichloroethene	3.793	96	224855	99.317	ug/l		97
13) Acrolein	3.653	56	109392	522.746	ug/l		100
14) Allyl chloride	4.390	41	354774	100.560	ug/l		98
15) Acrylonitrile	5.067	53	269411	507.168	ug/l		100
16) Acetone	3.872	43	231202	487.310	ug/l		100
17) Carbon Disulfide	4.110	76	722508	99.952	ug/l		99
18) Methyl Acetate	4.390	43	132608	92.907	ug/l		98
19) Methyl tert-butyl Ether	5.122	73	632873	100.187	ug/l		99
20) Methylene Chloride	4.622	84	241903	91.318	ug/l		97
21) trans-1,2-Dichloroethene	5.122	96	253184	100.103	ug/l		95
22) Diisopropyl ether	6.024	45	794164	101.232	ug/l		98
23) Vinyl Acetate	5.963	43	2424134	520.866	ug/l		99
24) 1,1-Dichloroethane	5.915	63	463641	99.980	ug/l		99
25) 2-Butanone	6.896	43	358881	512.798	ug/l		99
26) 2,2-Dichloropropane	6.890	77	420323	101.961	ug/l		99
27) cis-1,2-Dichloroethene	6.890	96	294837	100.858	ug/l		98
28) Bromochloromethane	7.250	49	206906	103.263	ug/l		100
29) Tetrahydrofuran	7.268	42	226299	501.243	ug/l		99
30) Chloroform	7.426	83	459957	100.373	ug/l		96
31) Cyclohexane	7.707	56	428074	91.723	ug/l		98
32) 1,1,1-Trichloroethane	7.622	97	419389	102.410	ug/l		99
36) 1,1-Dichloropropene	7.841	75	355563	103.070	ug/l		99
37) Ethyl Acetate	6.988	43	159922	105.336	ug/l		98
38) Carbon Tetrachloride	7.823	117	368617	103.651	ug/l		96
39) Methylcyclohexane	9.109	83	481512	103.323	ug/l		99
40) Benzene	8.085	78	1052881	103.542	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	97672m	99.893	ug/l		
42) 1,2-Dichloroethane	8.158	62	286305	103.504	ug/l		98
43) Isopropyl Acetate	8.201	43	344110	103.721	ug/l		98
44) Trichloroethene	8.865	130	253632	102.104	ug/l		100
45) 1,2-Dichloropropane	9.146	63	249363	102.865	ug/l		100
46) Dibromomethane	9.231	93	139349	102.605	ug/l		98
47) Bromodichloromethane	9.426	83	356025	103.321	ug/l		99
48) Methyl methacrylate	9.225	41	163867	107.875	ug/l		99
49) 1,4-Dioxane	9.237	88	31675	1955.012	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	884897	537.390	ug/l		98
52) Toluene	10.170	92	676554	105.821	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	339647	106.548	ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	394647	105.579	ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	176386	103.130	ug/l		97
56) Ethyl methacrylate	10.438	69	270253	108.807	ug/l		99
57) 1,3-Dichloropropane	10.719	76	314882	103.374	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	631985	570.744	ug/l		99
59) 2-Hexanone	10.761	43	599356	546.025	ug/l		99
60) Dibromochloromethane	10.914	129	231582	106.862	ug/l		99
61) 1,2-Dibromoethane	11.017	107	162846	103.182	ug/l		97
64) Tetrachloroethene	10.645	164	260085	97.857	ug/l		98
65) Chlorobenzene	11.444	112	700365	103.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	241080	104.874	ug/l		99
67) Ethyl Benzene	11.517	91	1343424	106.379	ug/l		100
68) m/p-Xylenes	11.627	106	1027669	215.017	ug/l		99
69) o-Xylene	11.956	106	478106	106.884	ug/l		100
70) Styrene	11.968	104	807331	109.011	ug/l		99
71) Bromoform	12.133	173	129134	106.900	ug/l	#	98
73) Isopropylbenzene	12.255	105	1251781	103.429	ug/l		100
74) N-amyl acetate	12.072	43	331256	108.232	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	201554	102.543	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	153645m	77.478	ug/l		
77) Bromobenzene	12.535	156	260522	101.560	ug/l		99
78) n-propylbenzene	12.596	91	1517453	103.002	ug/l		99
79) 2-Chlorotoluene	12.682	91	801096	102.984	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	983812	103.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	72518	104.845	ug/l		97
82) 4-Chlorotoluene	12.779	91	836500	103.758	ug/l		99
83) tert-Butylbenzene	12.999	119	886942	102.740	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	992770	104.854	ug/l		100
85) sec-Butylbenzene	13.175	105	1348209	103.006	ug/l		100
86) p-Isopropyltoluene	13.291	119	1148821	106.760	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	543396	105.879	ug/l		99
88) 1,4-Dichlorobenzene	13.364	146	503842	100.757	ug/l		98
89) n-Butylbenzene	13.621	91	1062595	103.713	ug/l		99
90) Hexachloroethane	13.883	117	213148	101.224	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	447574	101.511	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29357	98.805	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	255752	106.117	ug/l		97
94) Hexachlorobutadiene	15.023	225	132452	100.622	ug/l		99
95) Naphthalene	15.145	128	499554	108.155	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	213300	104.136	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

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

ICAL Form

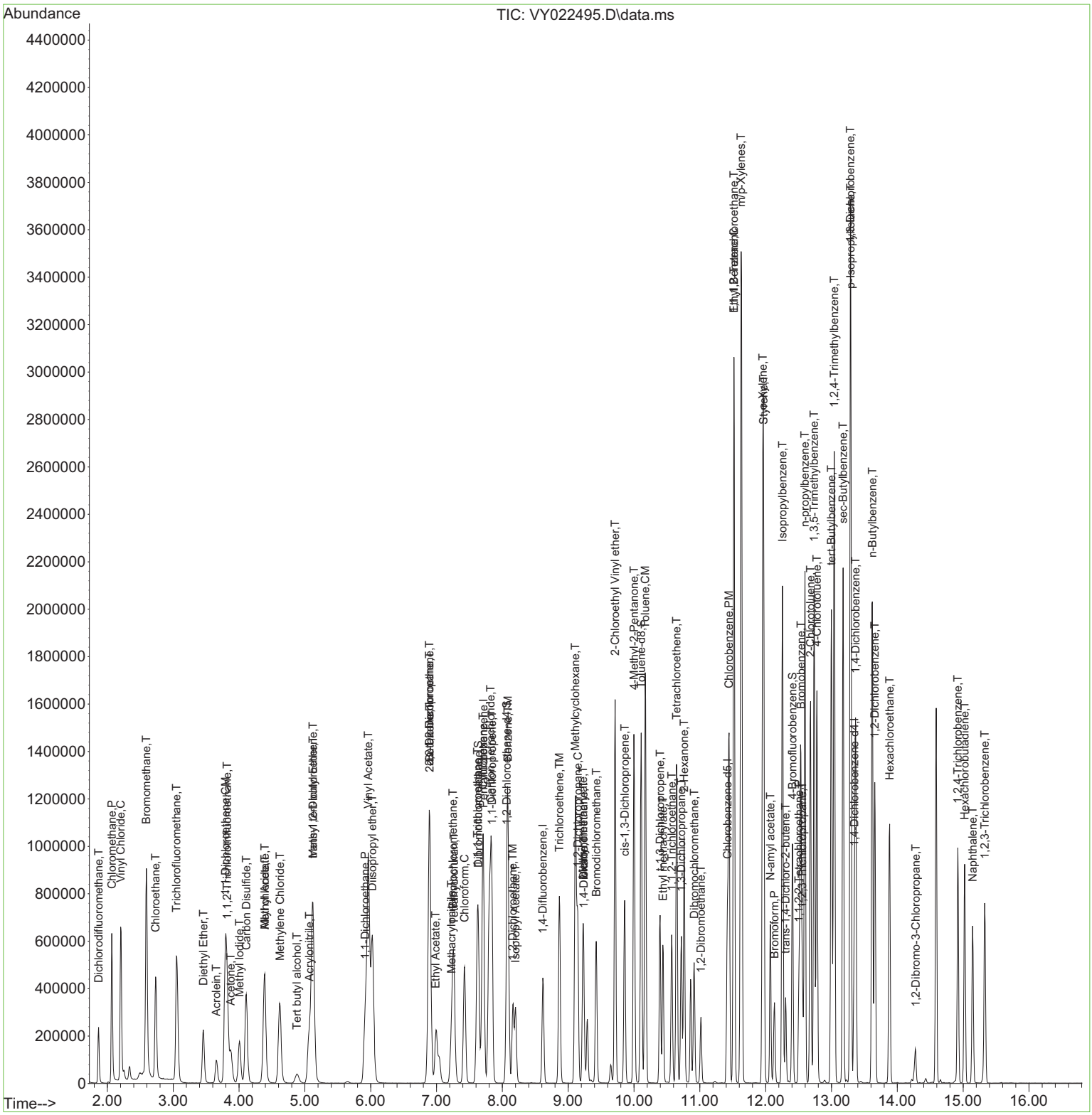
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Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

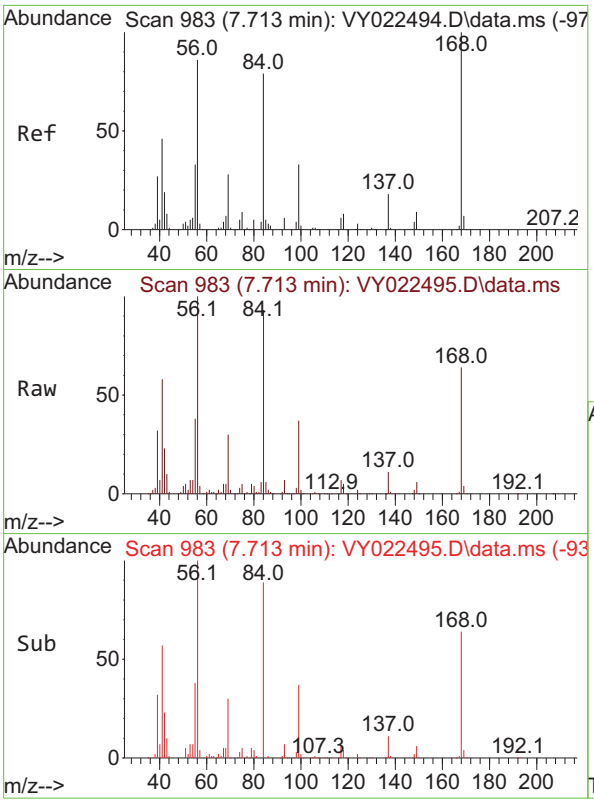
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

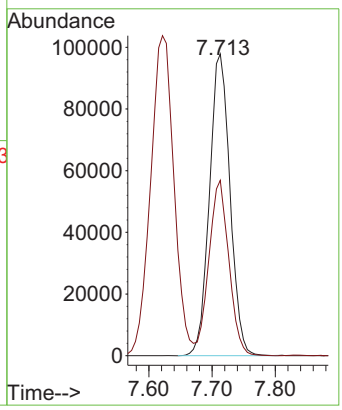




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:168 Resp: 22056

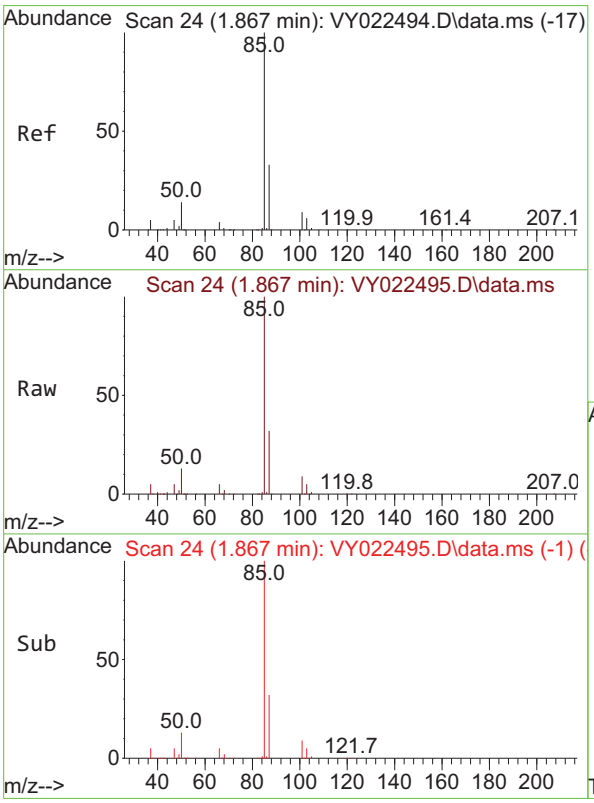
Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

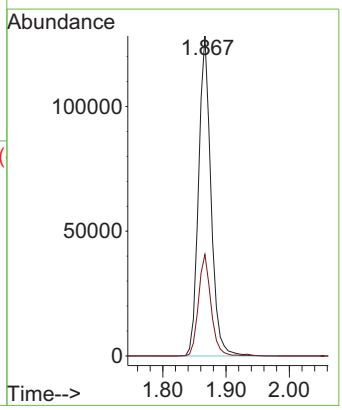
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

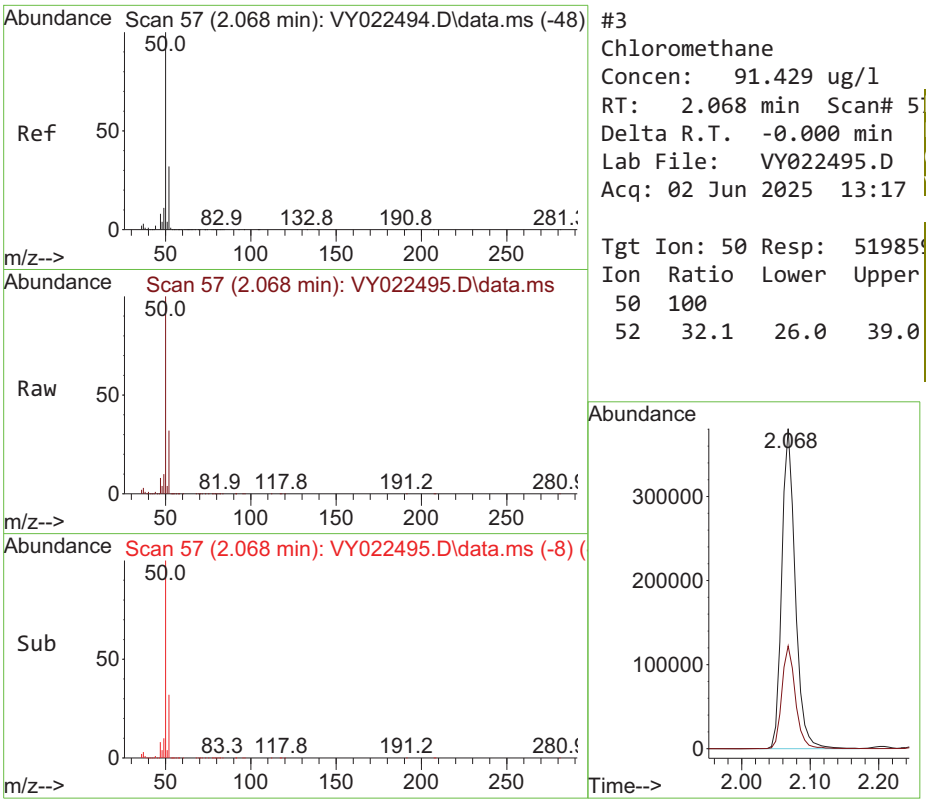


#2
Dichlorodifluoromethane
Concen: 90.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 85 Resp: 175145

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.7	50.0





#3
Chloromethane
Concen: 91.429 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

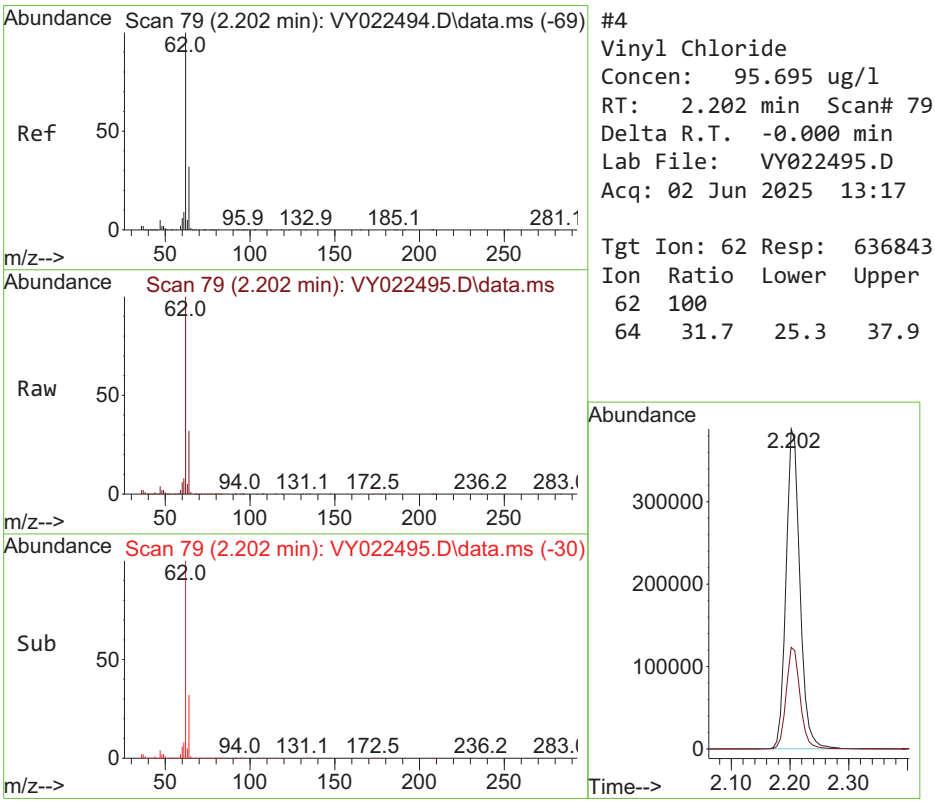
Tgt Ion: 50 Resp: 51985

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

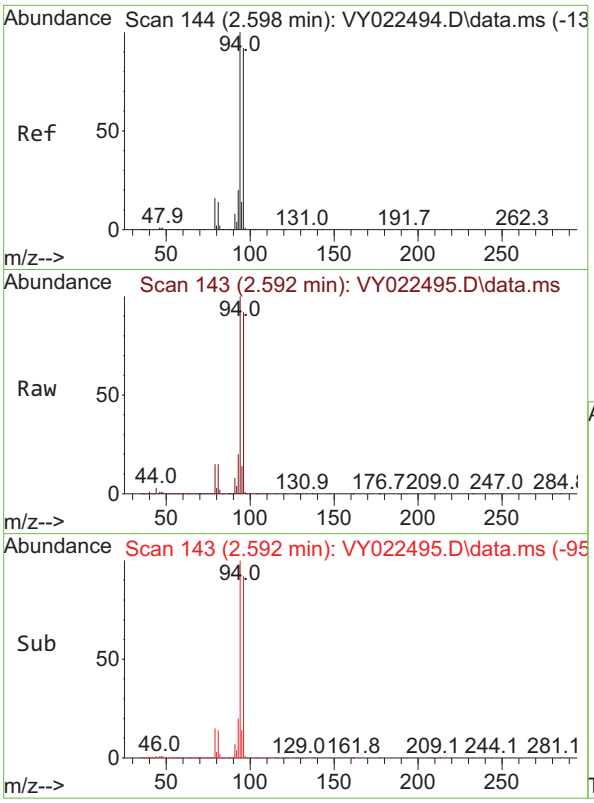
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 95.695 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 636843

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.3	37.9



#5
Bromomethane
Concen: 93.980 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

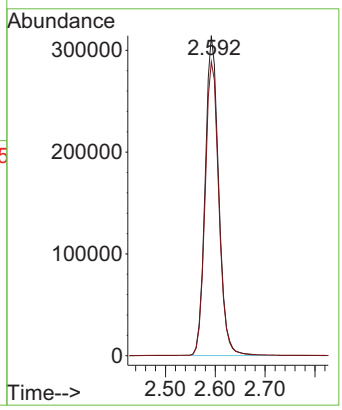
Tgt Ion: 94 Resp: 59158

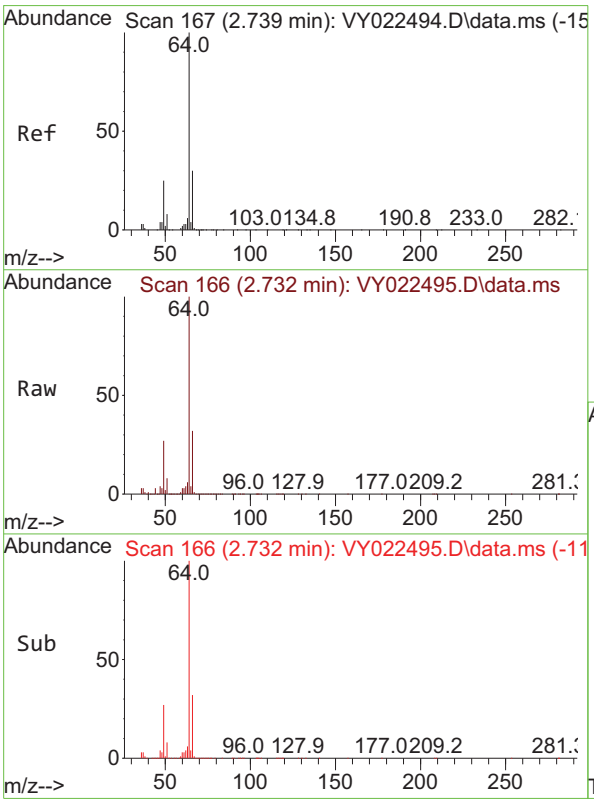
Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

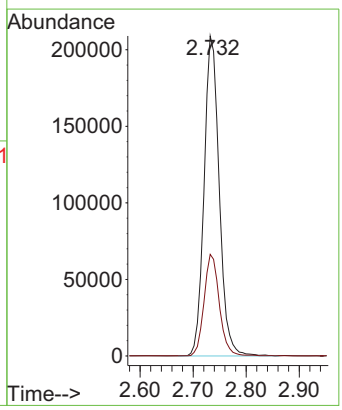


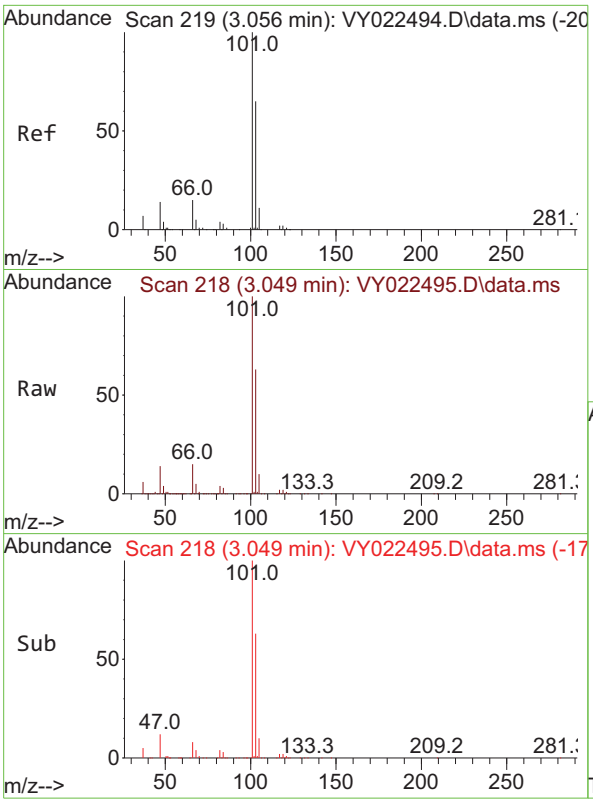


#6
Chloroethane
Concen: 91.070 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 64 Resp: 414935

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6

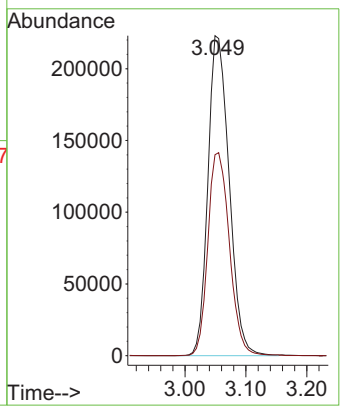




#7
Trichlorofluoromethane
Concen: 95.384 ug/l
RT: 3.049 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:101 Resp: 53932

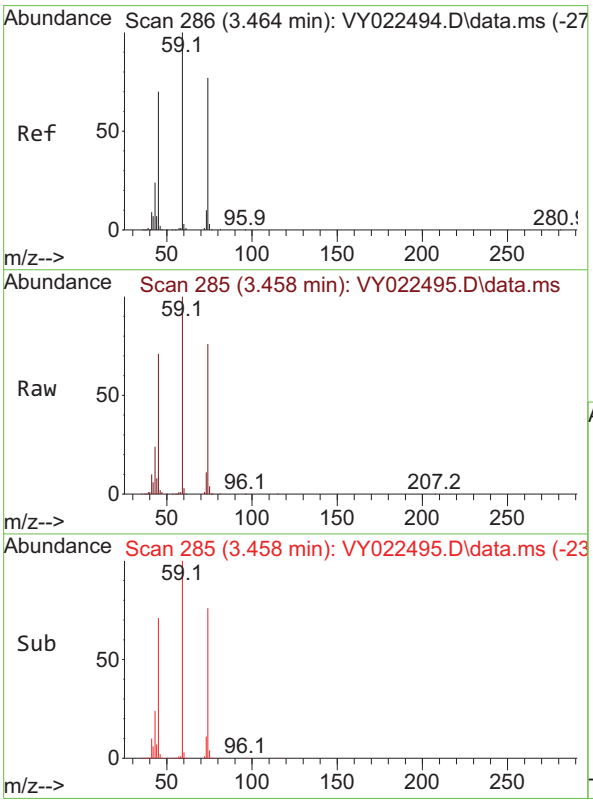
Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

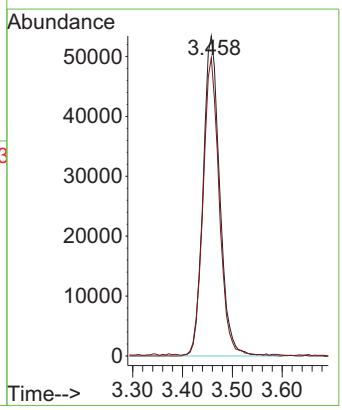
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

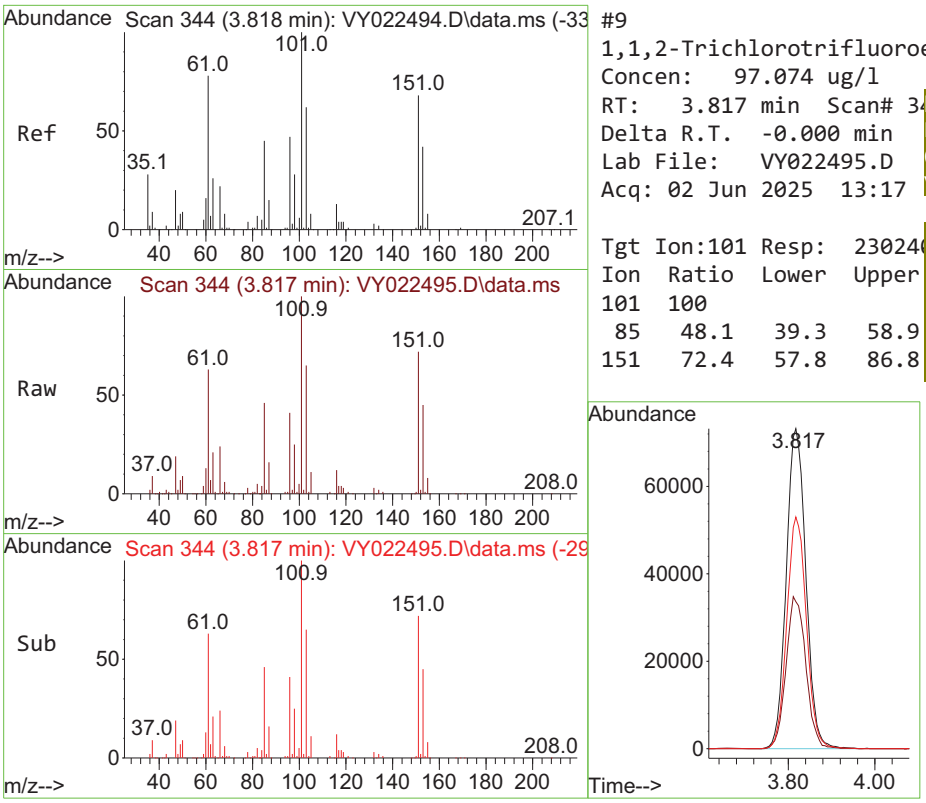


#8
Diethyl Ether
Concen: 98.428 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 74 Resp: 122923

Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.074 ug/l
RT: 3.817 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

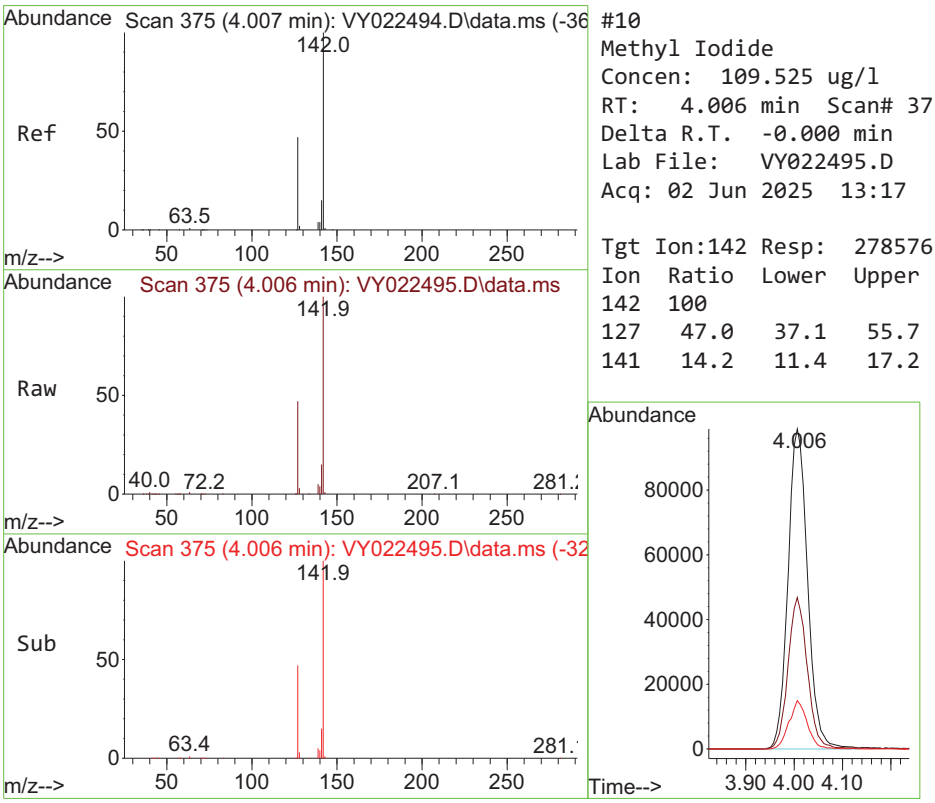
Tgt Ion:101 Resp: 23024

Ion	Ratio	Lower	Upper
101	100		
85	48.1	39.3	58.9
151	72.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

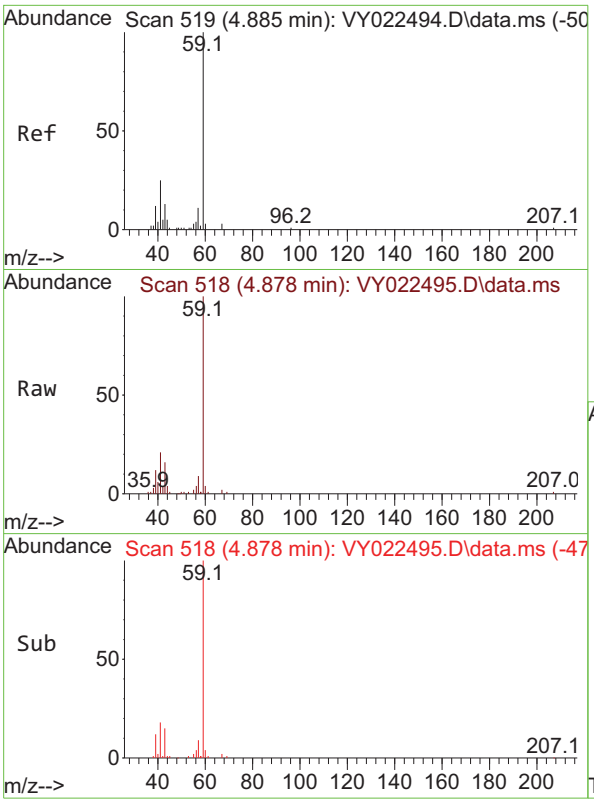
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 109.525 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:142 Resp: 278576

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.1	55.7
141	14.2	11.4	17.2



#11
Tert butyl alcohol
Concen: 489.395 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

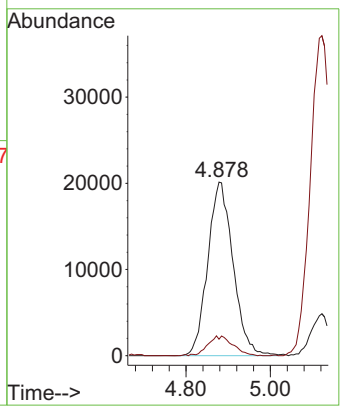
Tgt Ion: 59 Resp: 8390

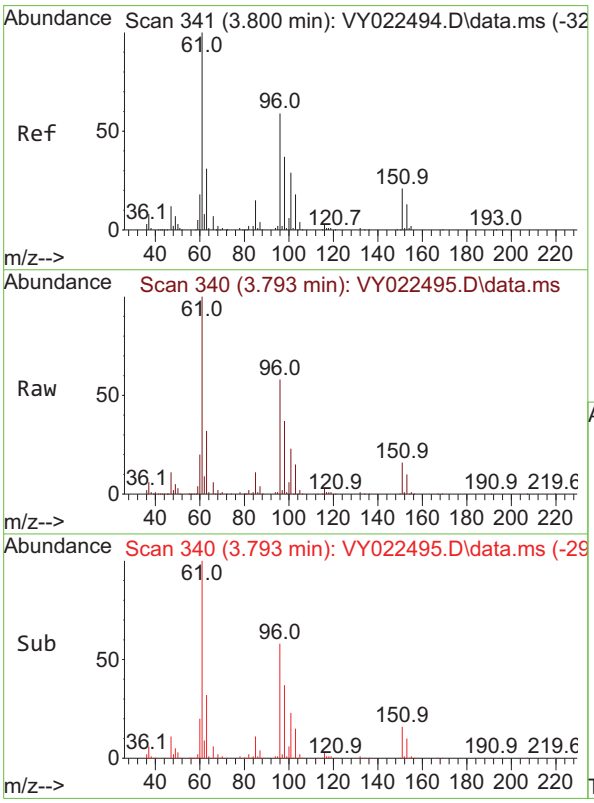
Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

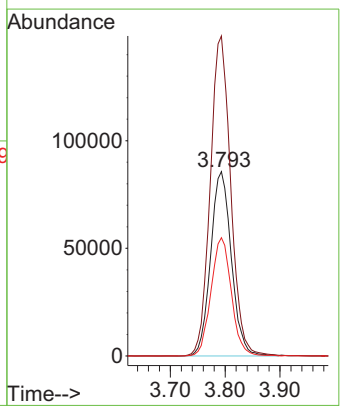


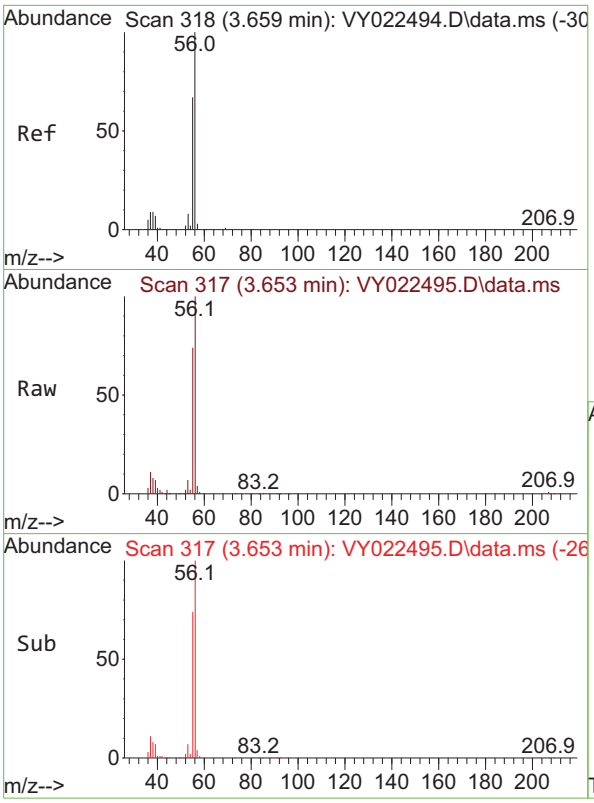


#12
1,1-Dichloroethene
Concen: 99.317 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 224855

Ion	Ratio	Lower	Upper
96	100		
61	173.6	134.6	201.8
98	64.1	50.2	75.4

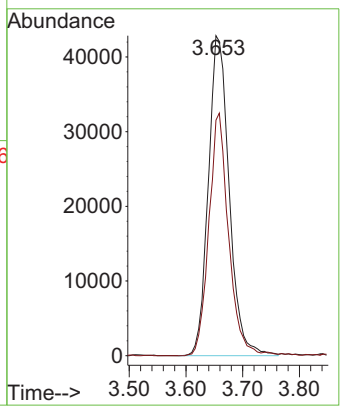




#13
Acrolein
Concen: 522.746 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 56 Resp: 10939

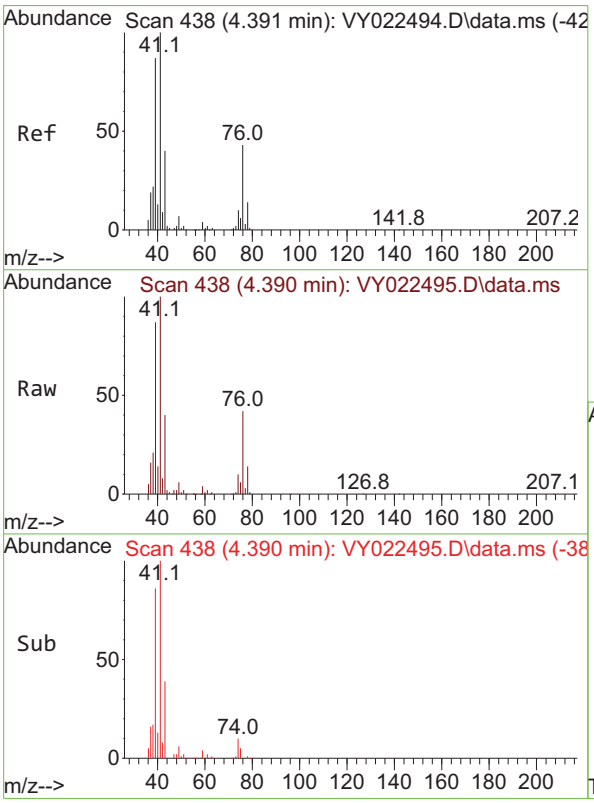
Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

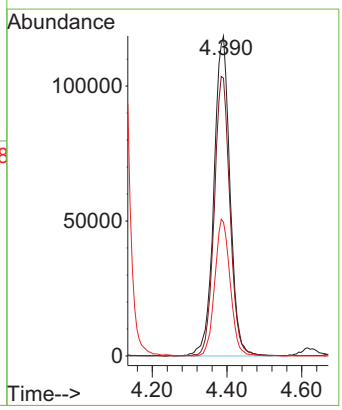
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

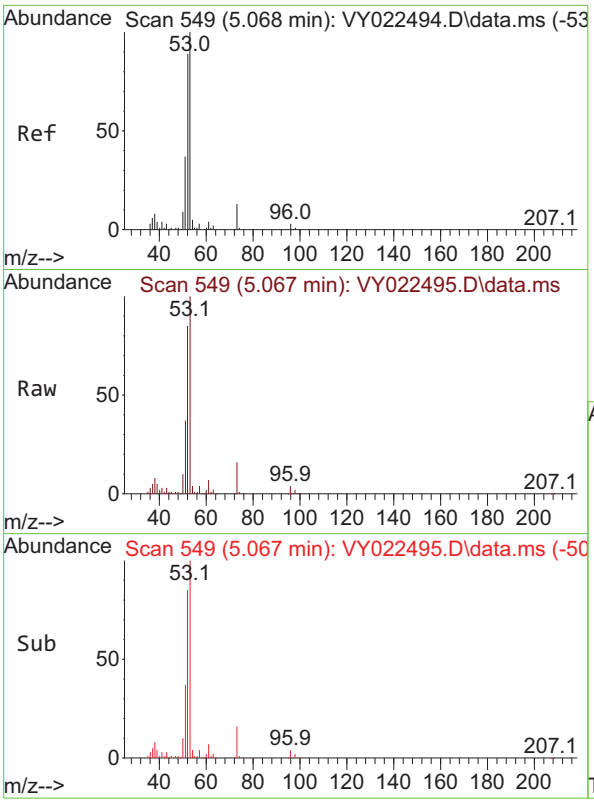


#14
Allyl chloride
Concen: 100.560 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 354774

Ion	Ratio	Lower	Upper
41	100		
39	85.0	69.1	103.7
76	40.8	33.5	50.3

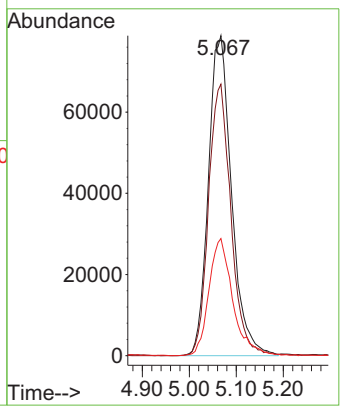




#15
Acrylonitrile
Concen: 507.168 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 53 Resp: 26941

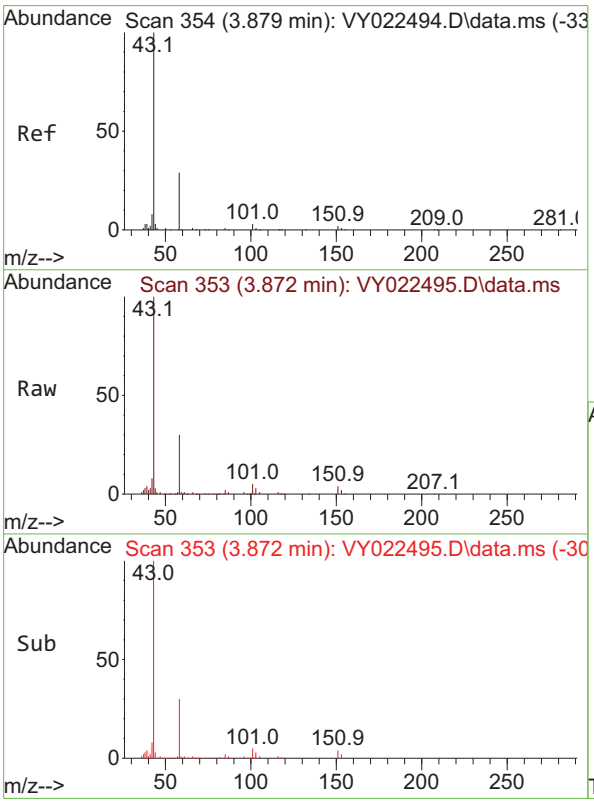
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	37.8	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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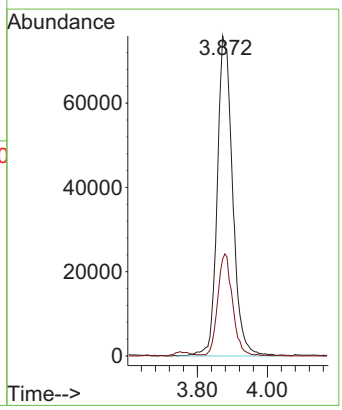
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

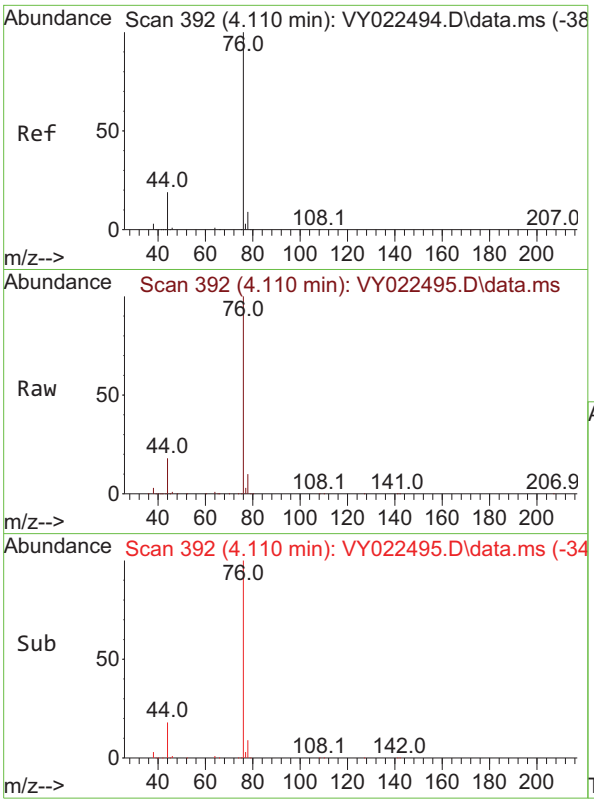


#16
Acetone
Concen: 487.310 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 231202

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





#17
Carbon Disulfide
Concen: 99.952 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

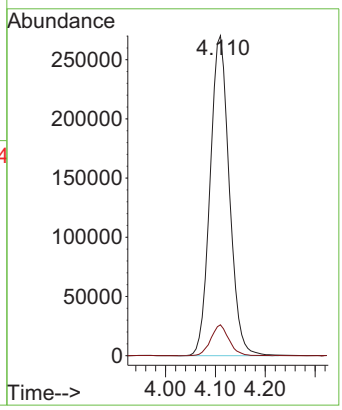
Tgt Ion: 76 Resp: 72250

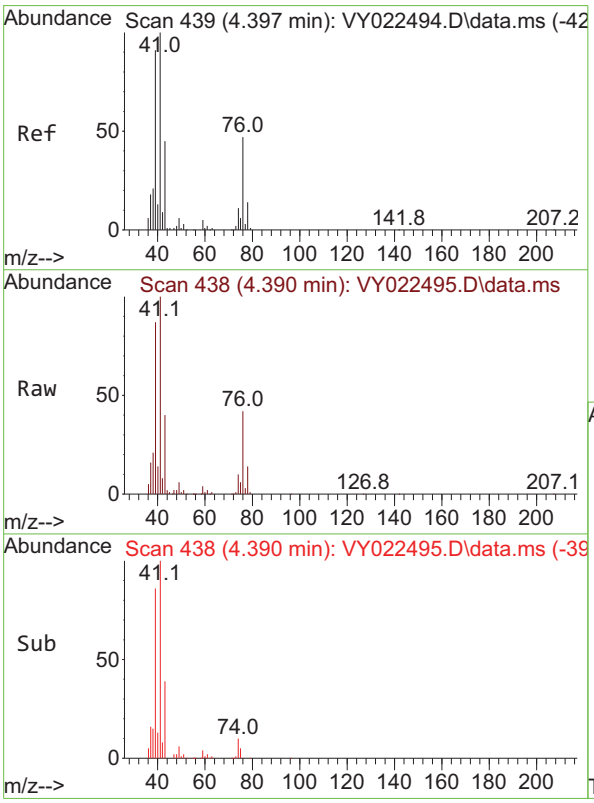
Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

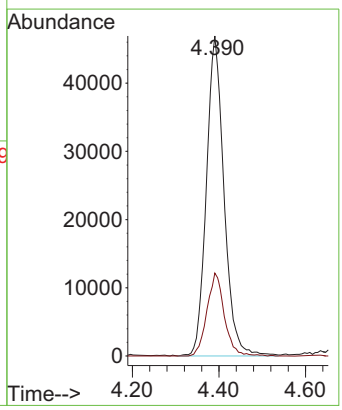


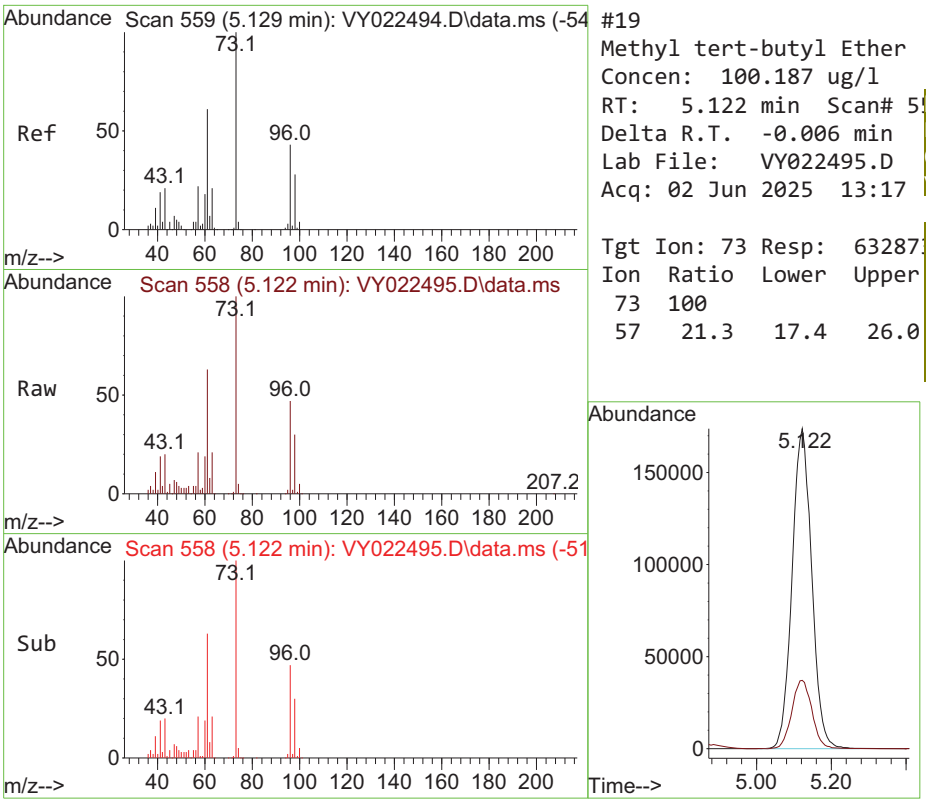


#18
Methyl Acetate
Concen: 92.907 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 132608

Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 100.187 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

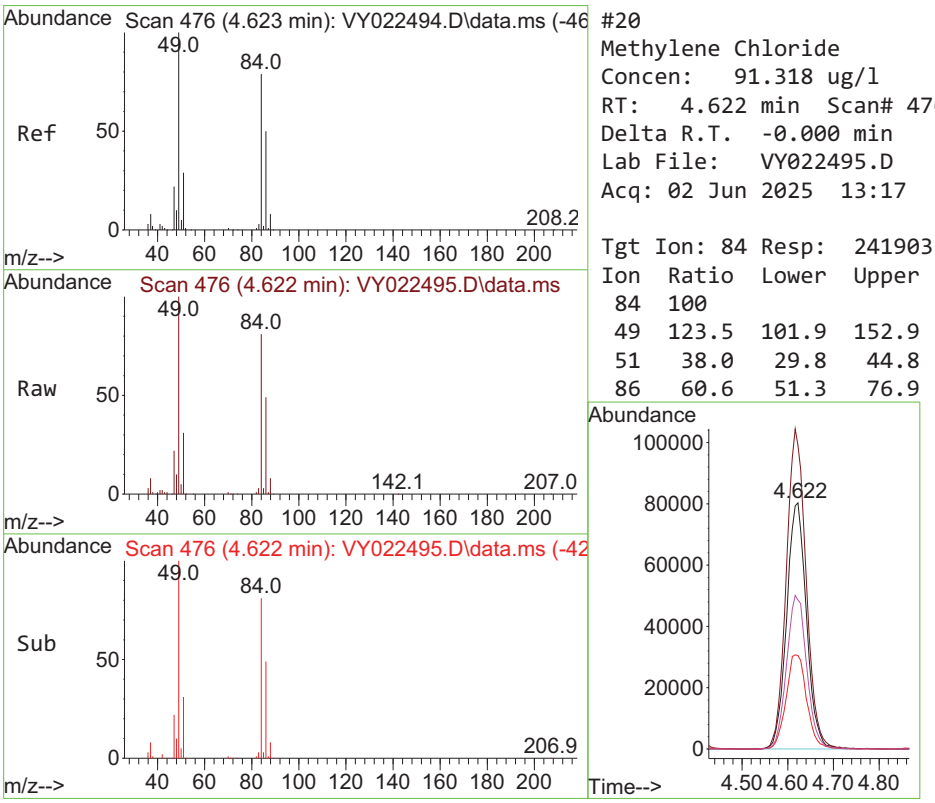
Tgt Ion: 73 Resp: 63287

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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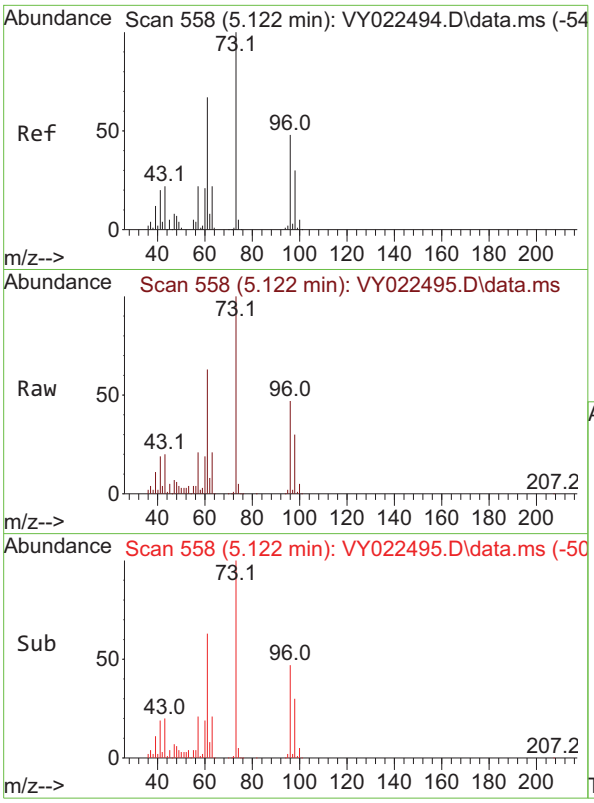
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 84 Resp: 241903

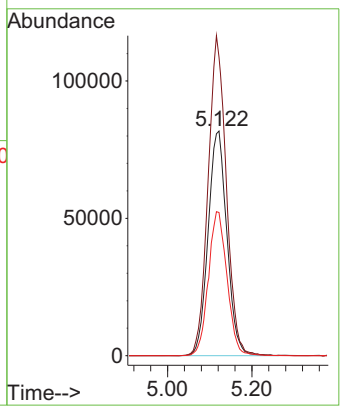
Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.9	152.9
51	38.0	29.8	44.8
86	60.6	51.3	76.9



#21
trans-1,2-Dichloroethene
Concen: 100.103 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 25318

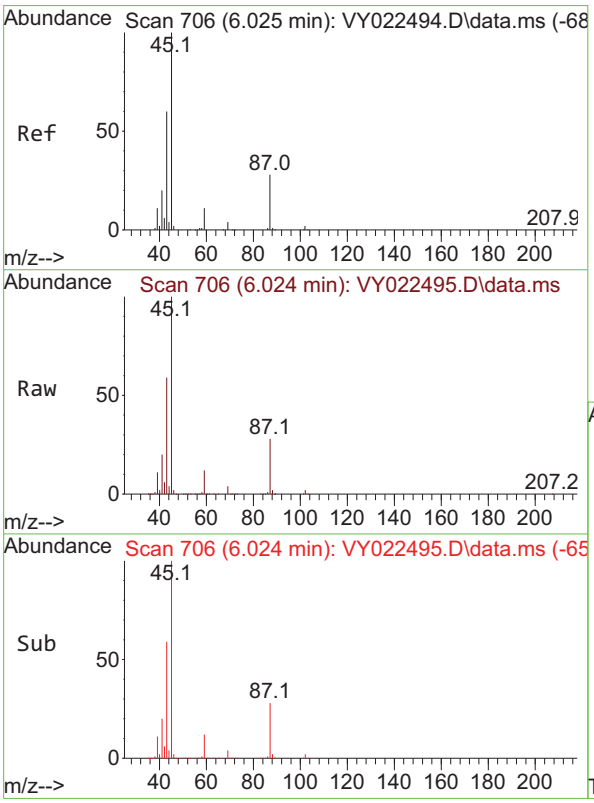
Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.6	169.0
98	63.7	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

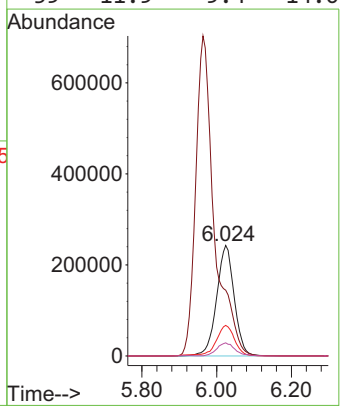
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

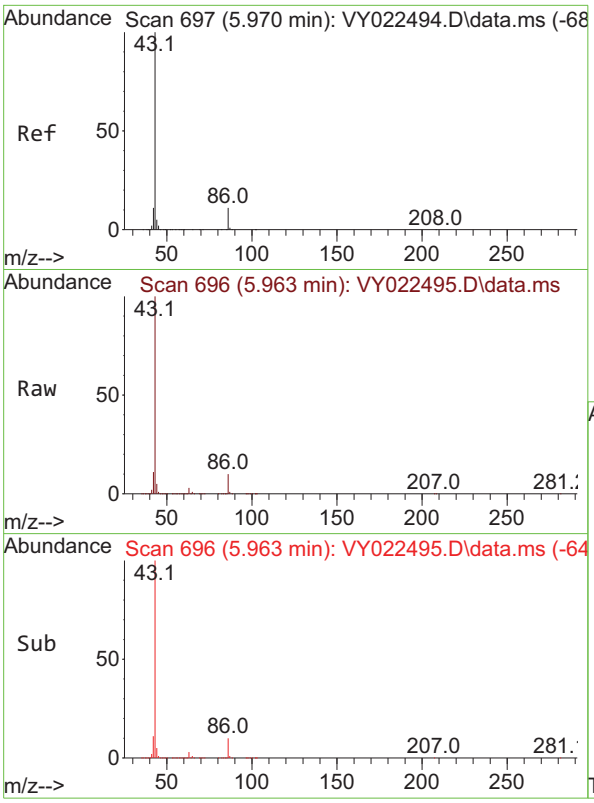


#22
Diisopropyl ether
Concen: 101.232 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 45 Resp: 794164

Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.3	72.5
87	27.6	23.0	34.6
59	11.9	9.4	14.0

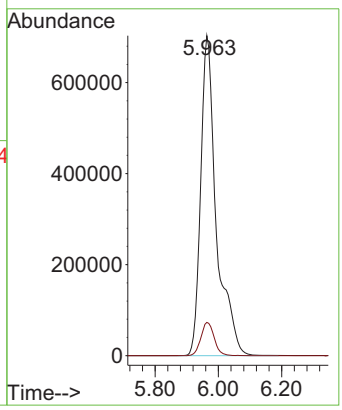




#23
Vinyl Acetate
Concen: 520.866 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 242413

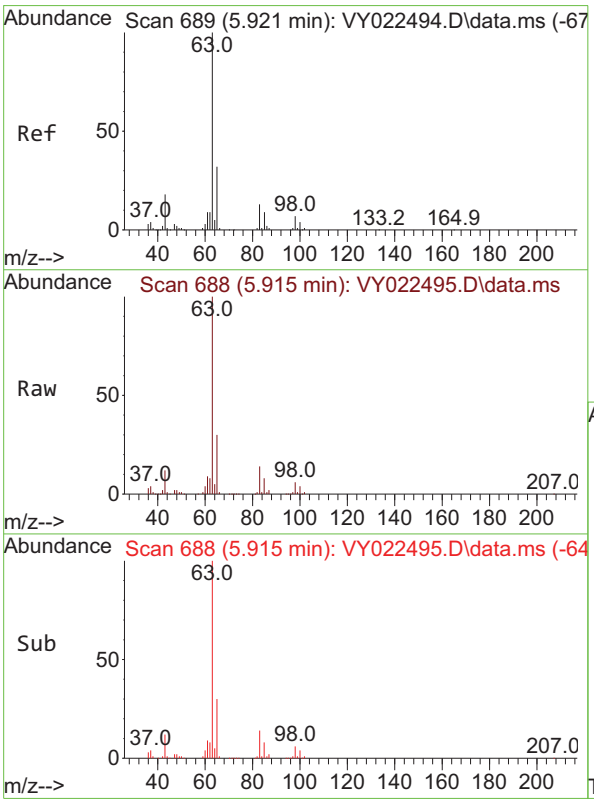
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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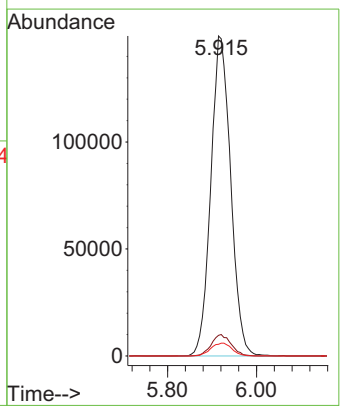
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

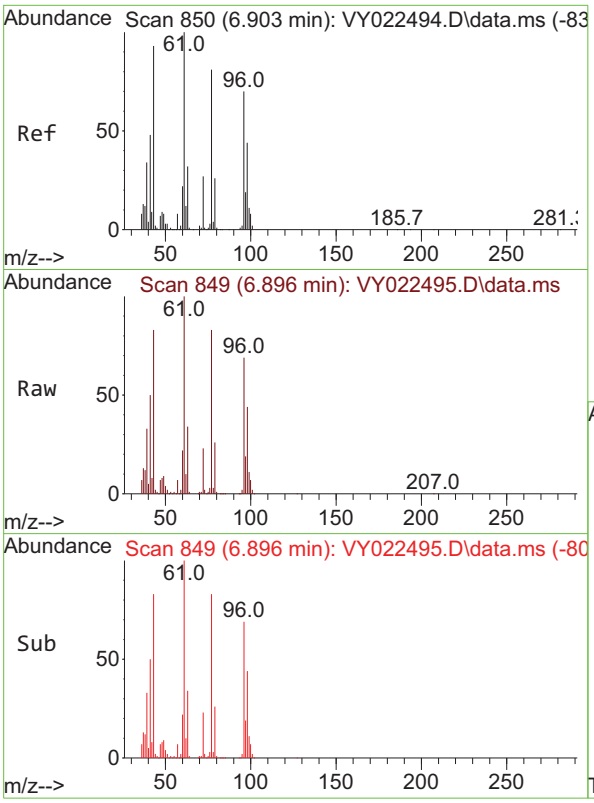


#24
1,1-Dichloroethane
Concen: 99.980 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 463641

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	3.7	2.1	6.3





#25
2-Butanone
Concen: 512.798 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

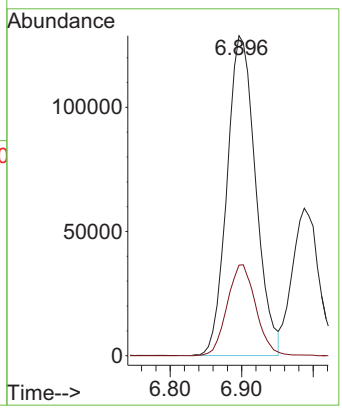
Tgt Ion: 43 Resp: 35888

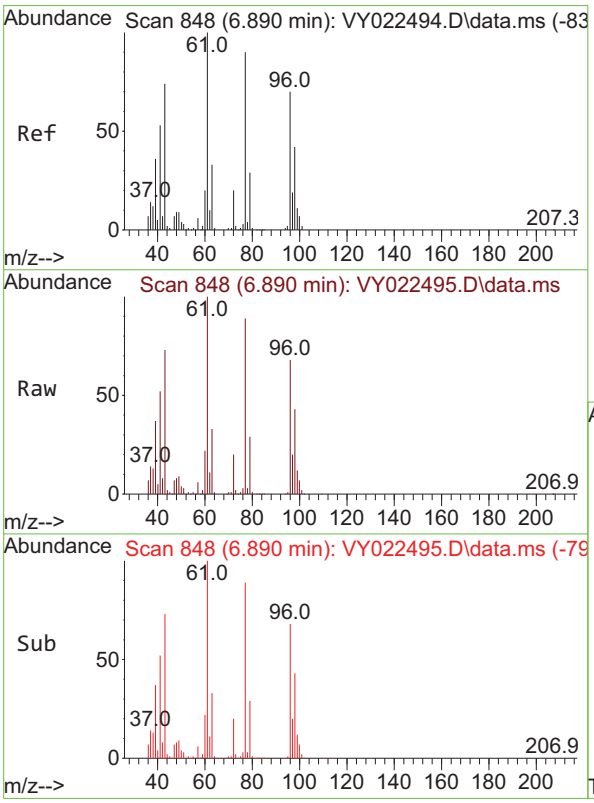
Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

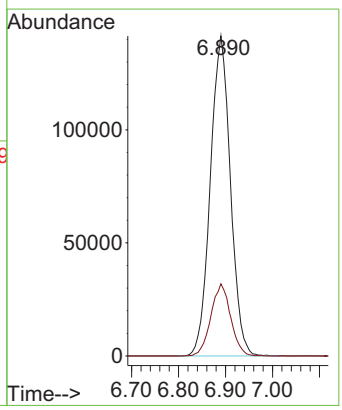


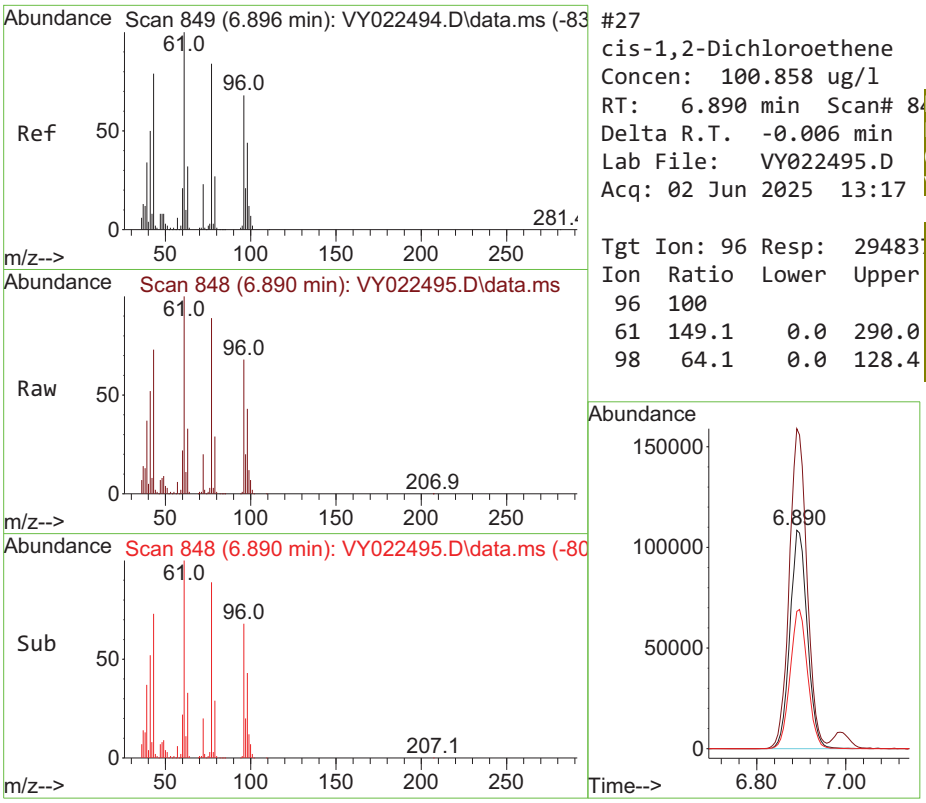


#26
2,2-Dichloropropane
Concen: 101.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 77 Resp: 420323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2





#27
cis-1,2-Dichloroethene
Concen: 100.858 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

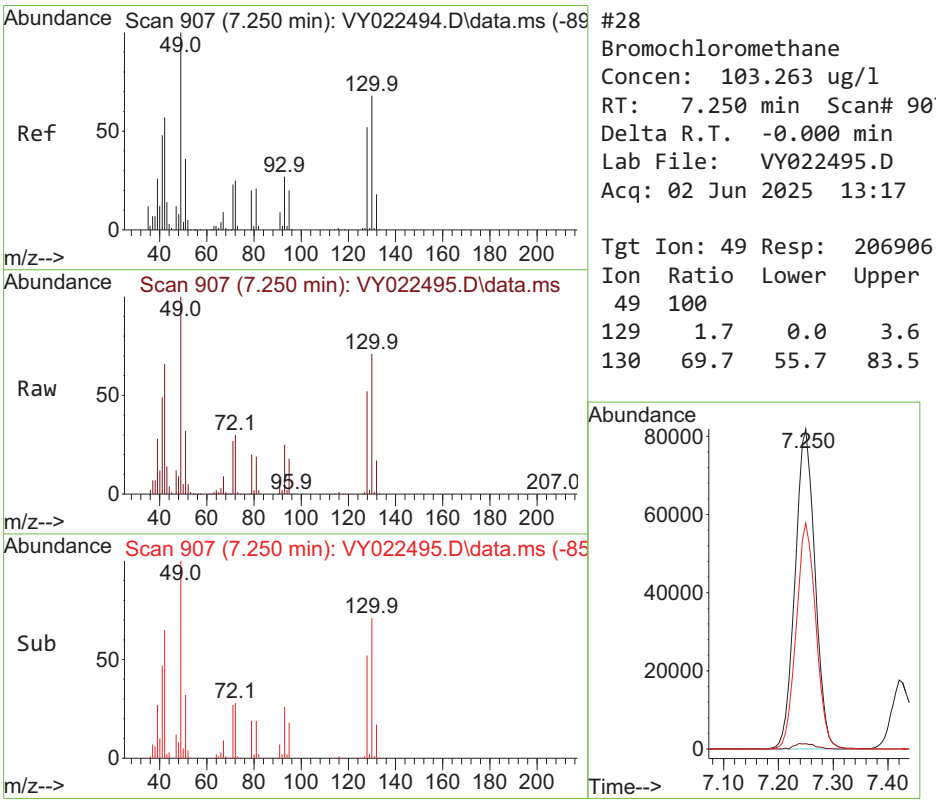
Tgt Ion: 96 Resp: 29483

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.0
98	64.1	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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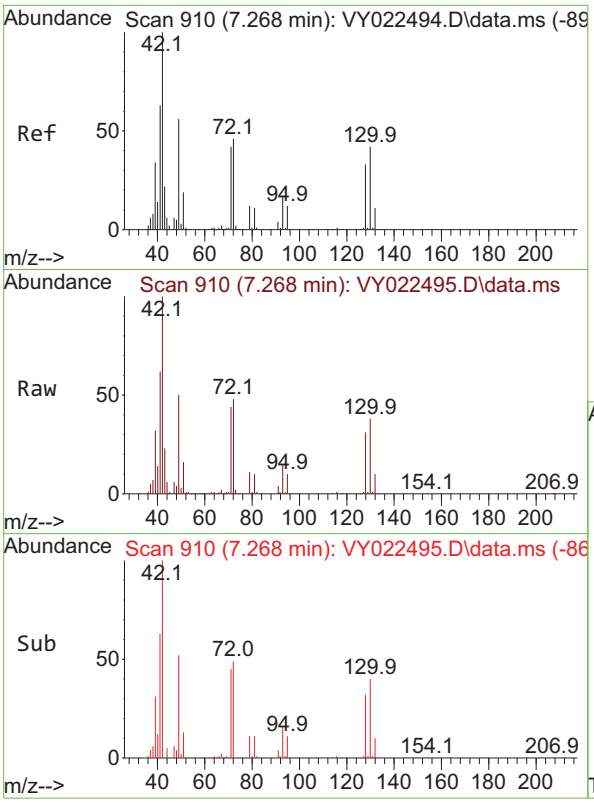
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#28
Bromochloromethane
Concen: 103.263 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 49 Resp: 206906

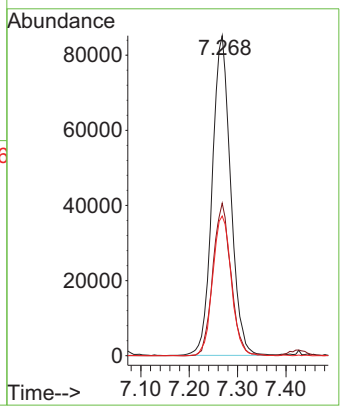
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.7	55.7	83.5



#29
Tetrahydrofuran
Concen: 501.243 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 42 Resp: 22629

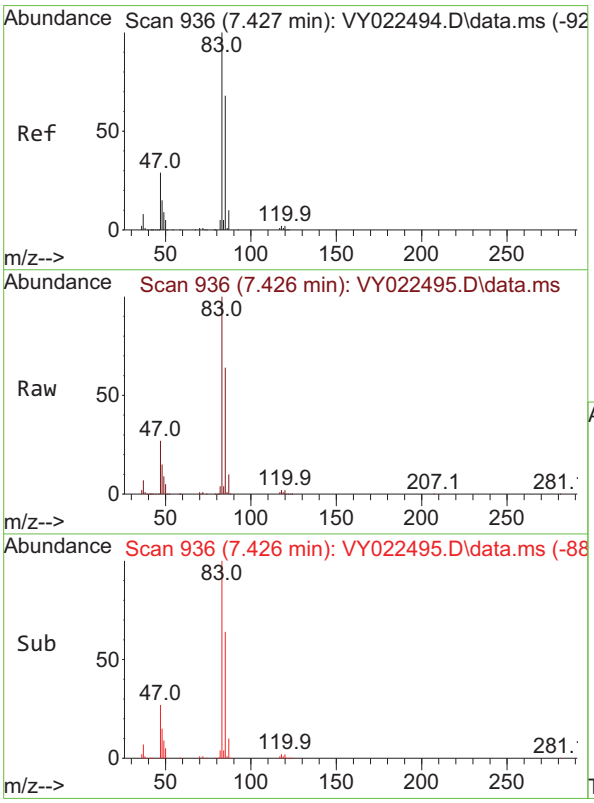
Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.4	56.2
71	44.1	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

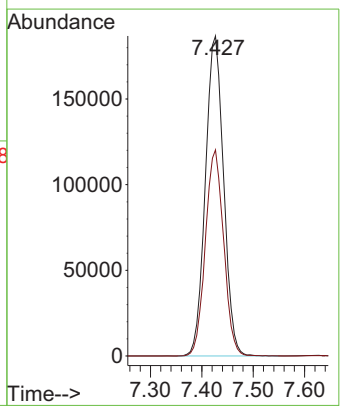
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

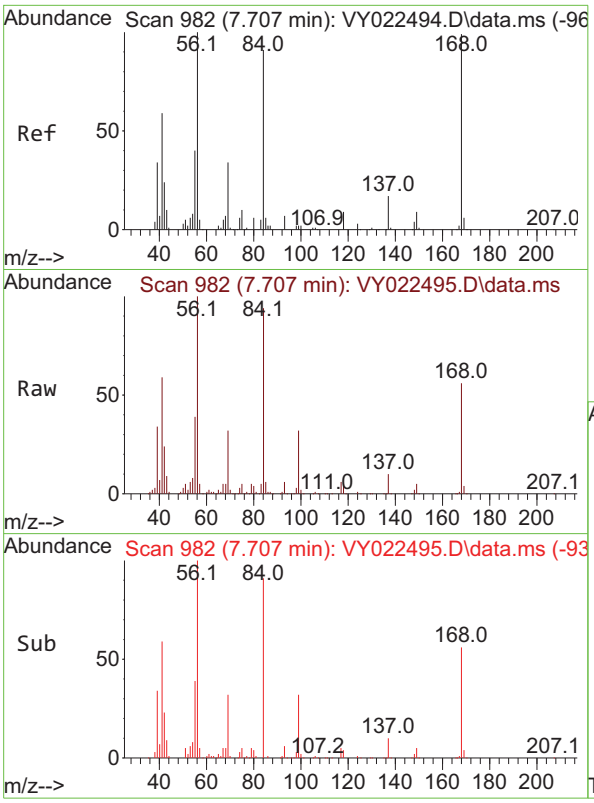


#30
Chloroform
Concen: 100.373 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 459957

Ion	Ratio	Lower	Upper
83	100		
85	64.4	54.2	81.4

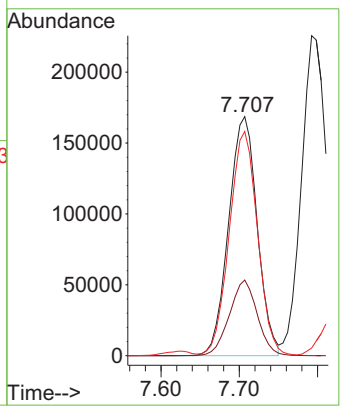




#31
Cyclohexane
Concen: 91.723 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 56 Resp: 42807

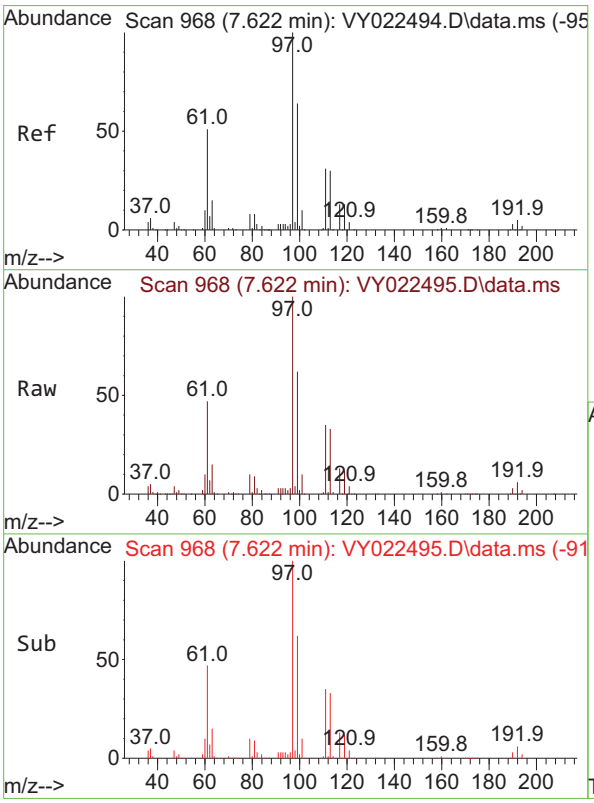
Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.6
84	91.9	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

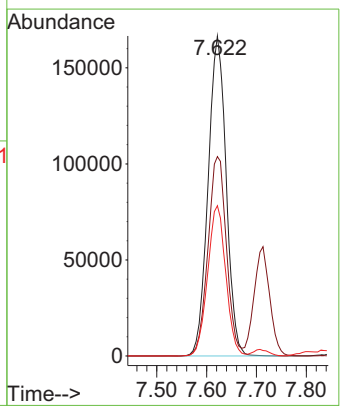
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

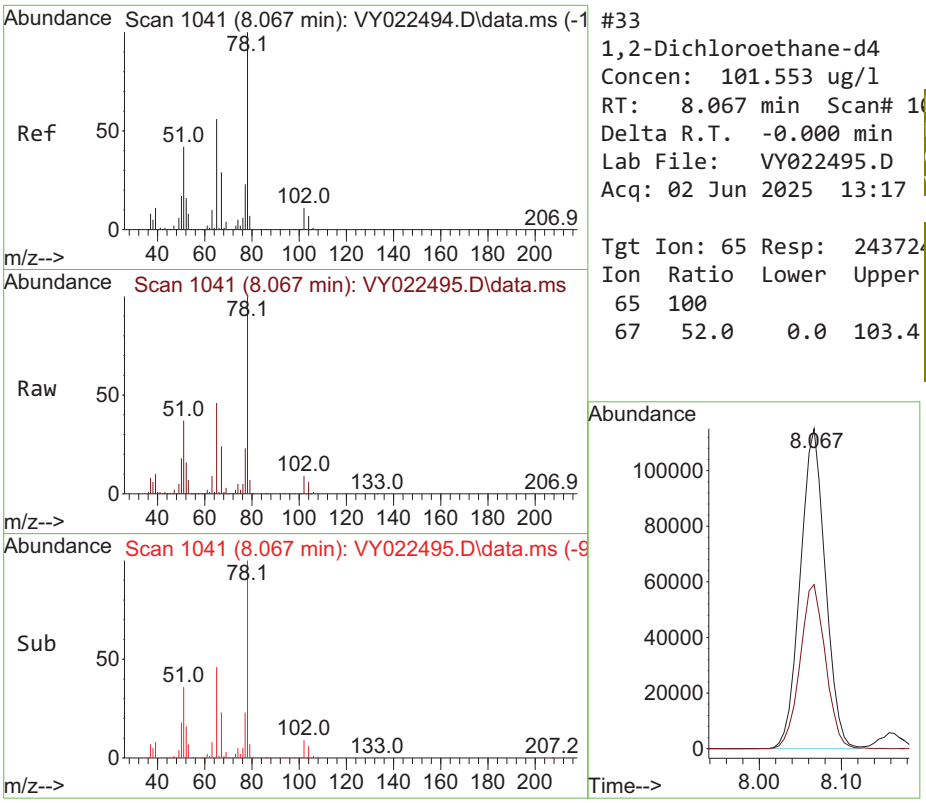


#32
1,1,1-Trichloroethane
Concen: 102.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 419389

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	47.3	38.5	57.7





#33
1,2-Dichloroethane-d4
Concen: 101.553 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

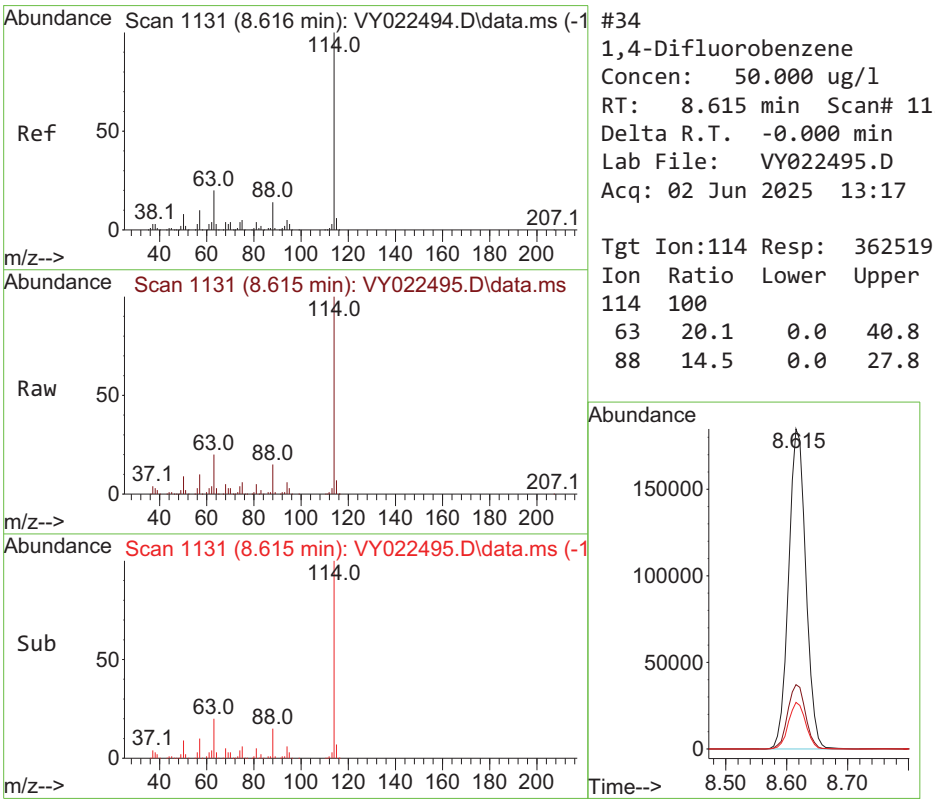
Tgt Ion: 65 Resp: 24372

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

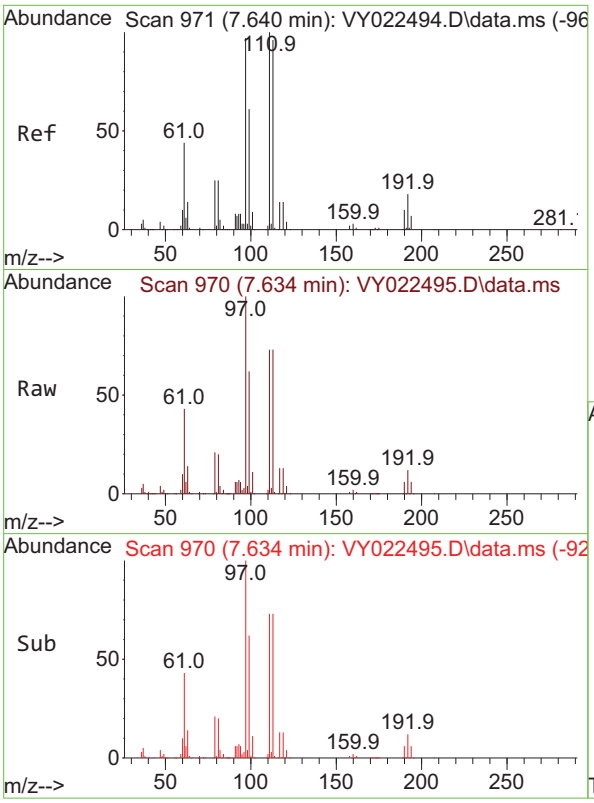
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:114 Resp: 362519

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.5	0.0	27.8



#35
Dibromofluoromethane
Concen: 104.234 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

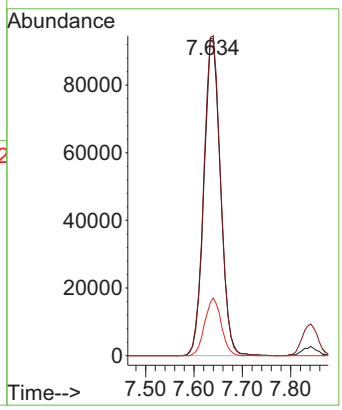
Tgt Ion:113 Resp: 22244

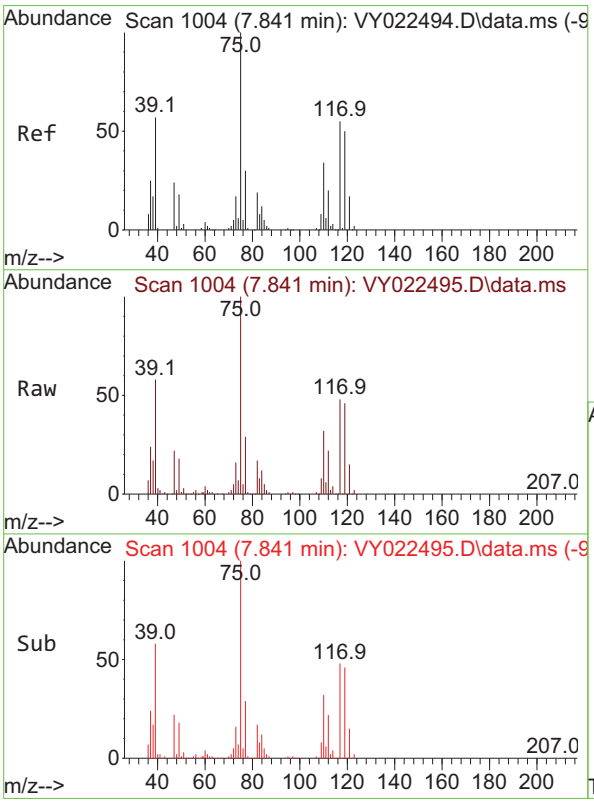
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	18.2	14.2	21.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

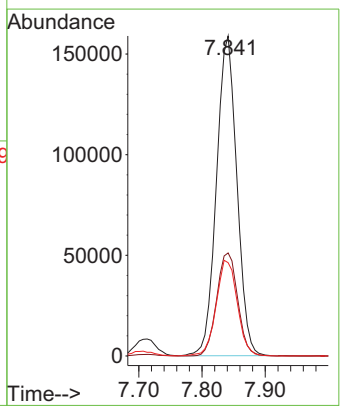


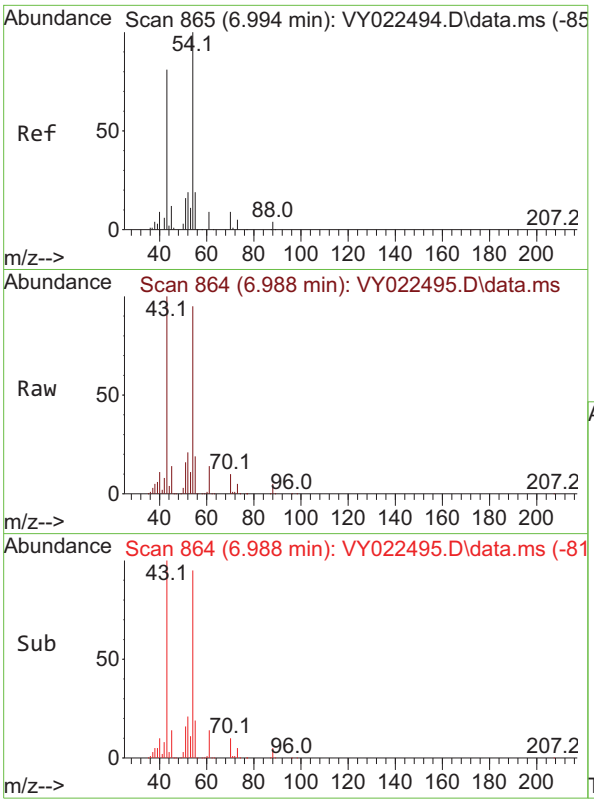


#36
1,1-Dichloropropene
Concen: 103.070 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 355563

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	31.1	24.8	37.2





#37
Ethyl Acetate
Concen: 105.336 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

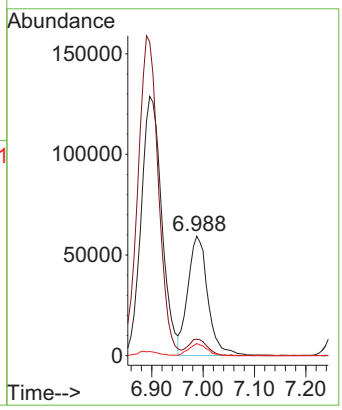
Tgt Ion: 43 Resp: 15992

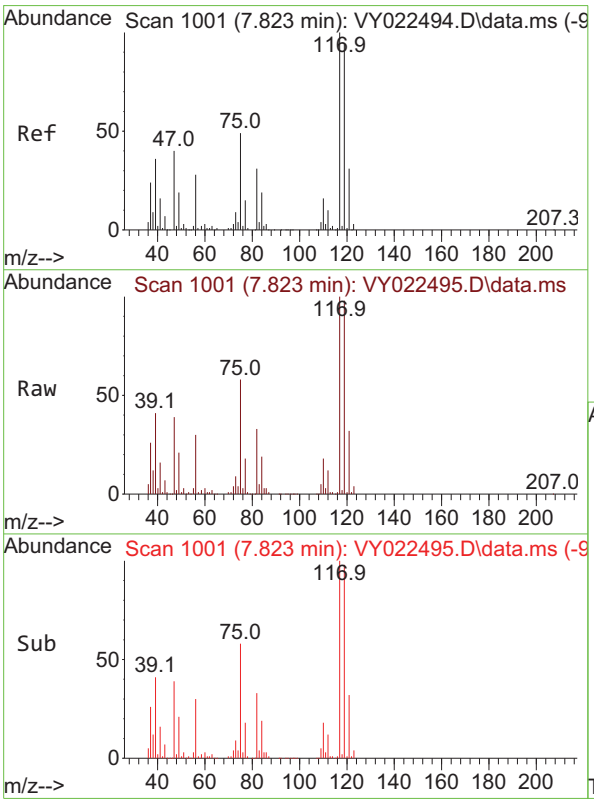
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.3	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

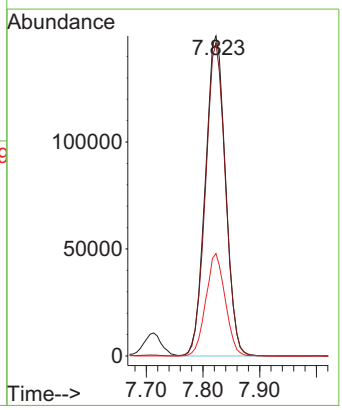


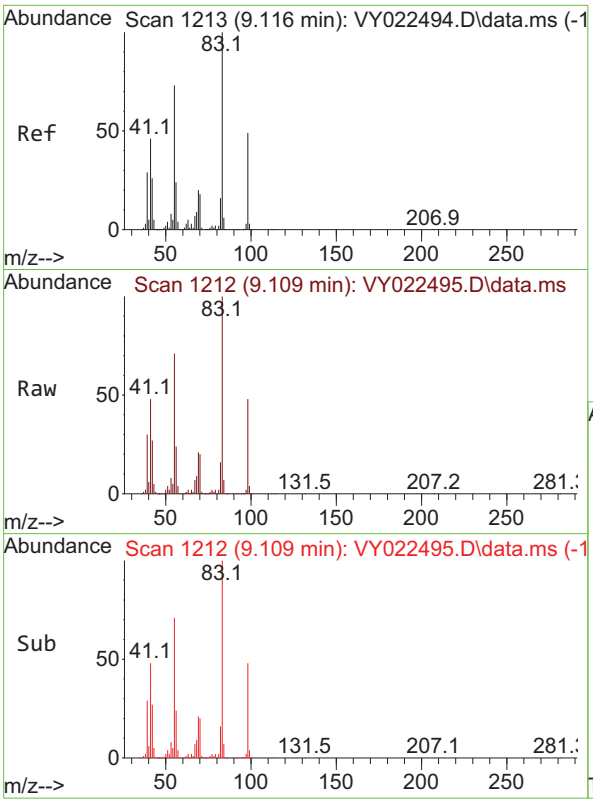


#38
Carbon Tetrachloride
Concen: 103.651 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 368617

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.0	25.0	37.4





#39
Methylcyclohexane
Concen: 103.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

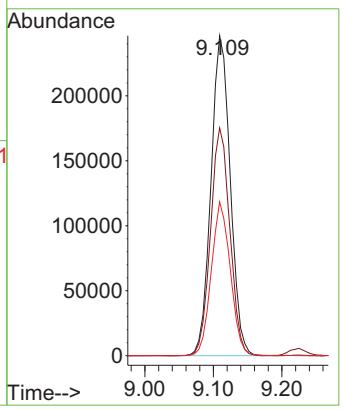
Tgt Ion: 83 Resp: 48151

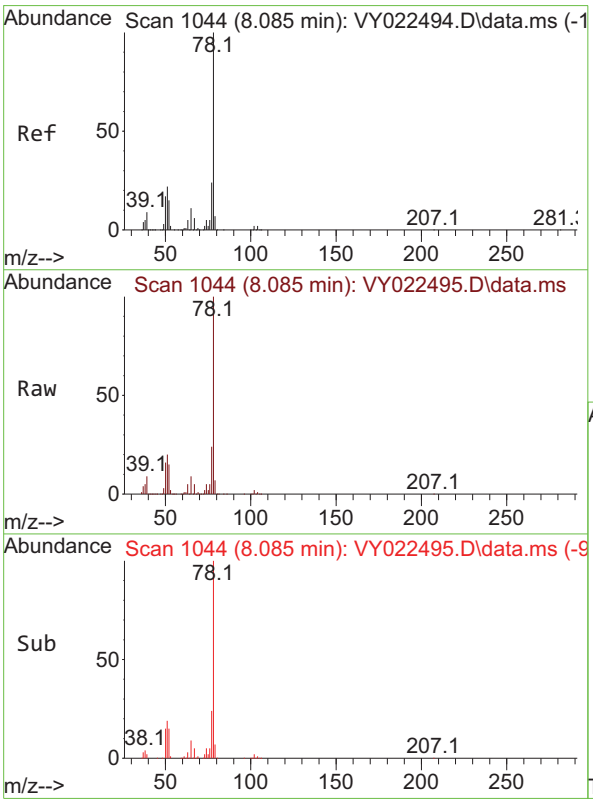
Ion	Ratio	Lower	Upper
83	100		
55	71.2	58.1	87.1
98	48.1	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

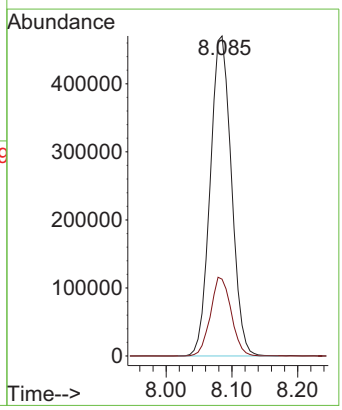


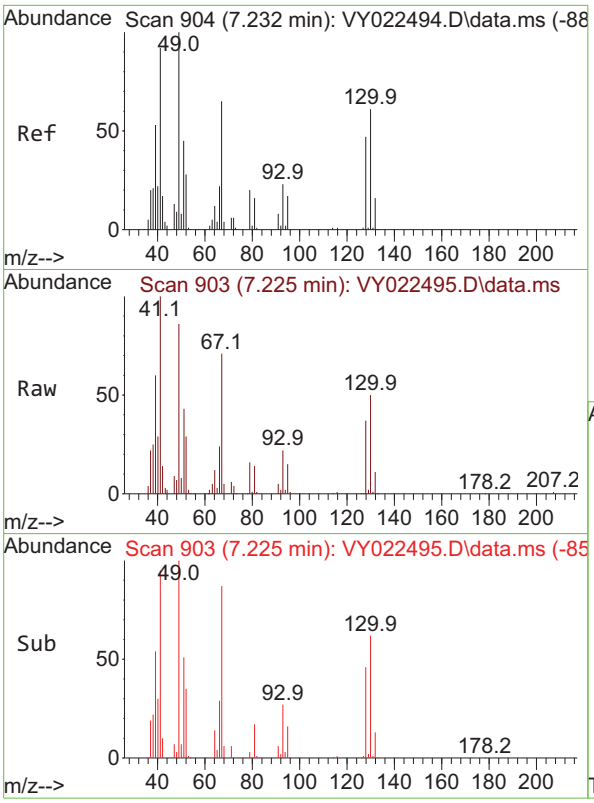


#40
Benzene
Concen: 103.542 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 78 Resp: 1052881

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

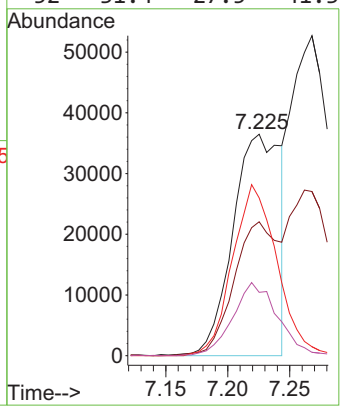




#41
Methacrylonitrile
Concen: 99.893 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 9767

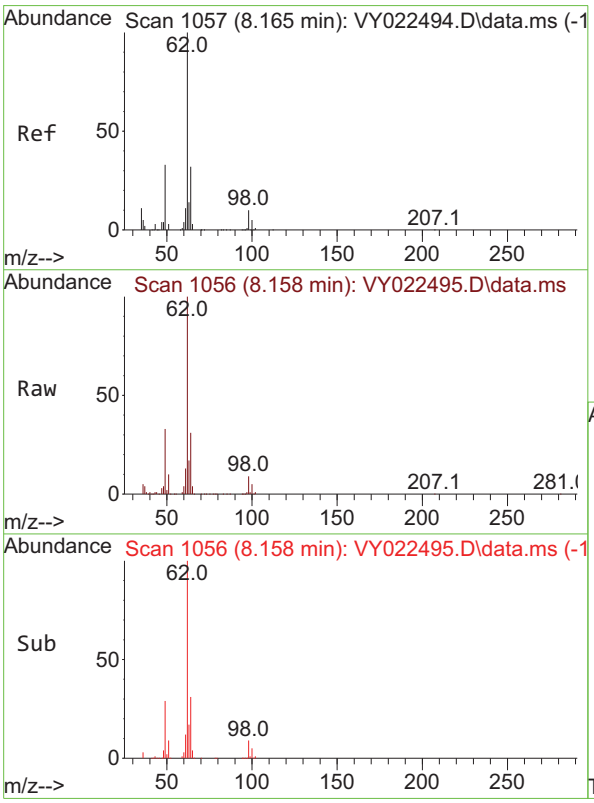
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.6	69.8
67	72.4	63.3	94.9
52	31.4	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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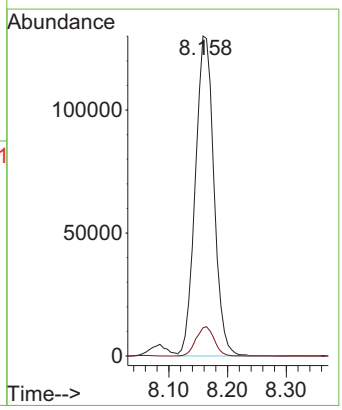
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

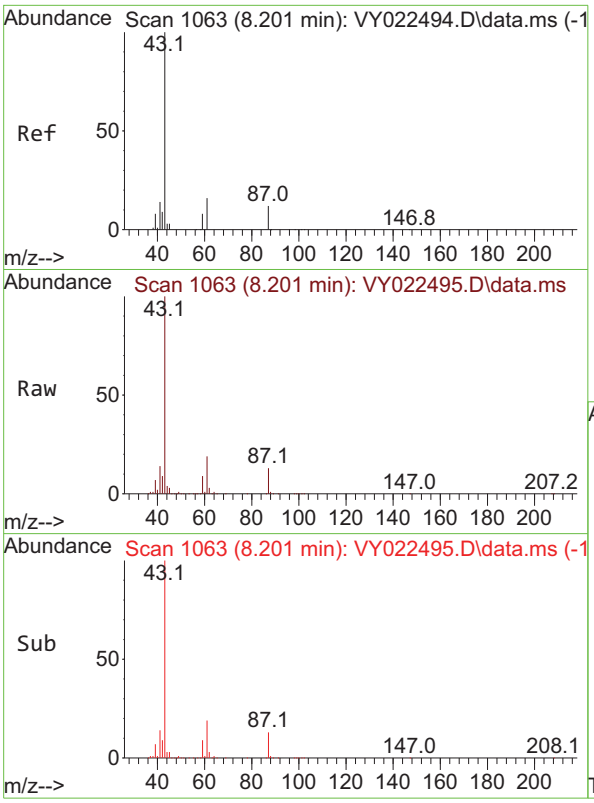


#42
1,2-Dichloroethane
Concen: 103.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 286305

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

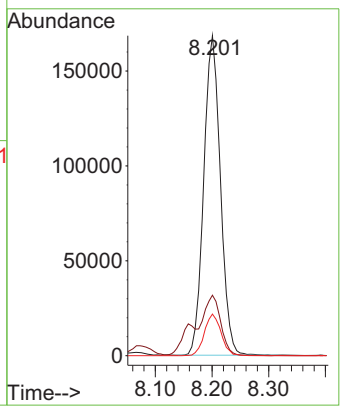




#43
Isopropyl Acetate
Concen: 103.721 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 34411

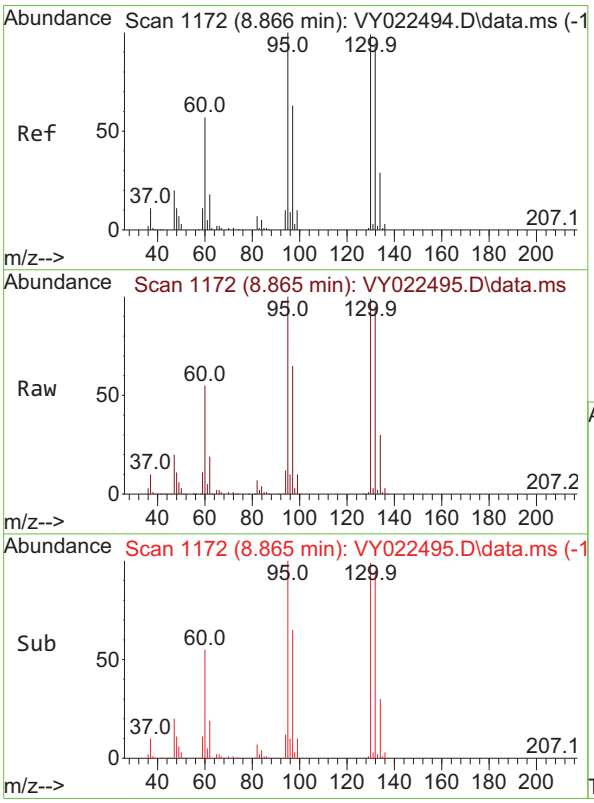
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4
87	13.0	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

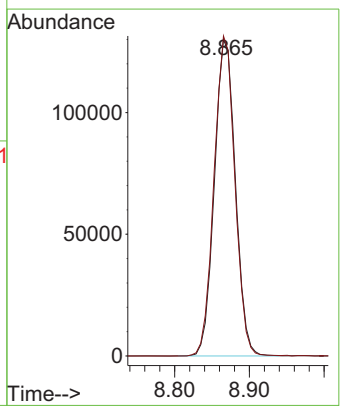
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

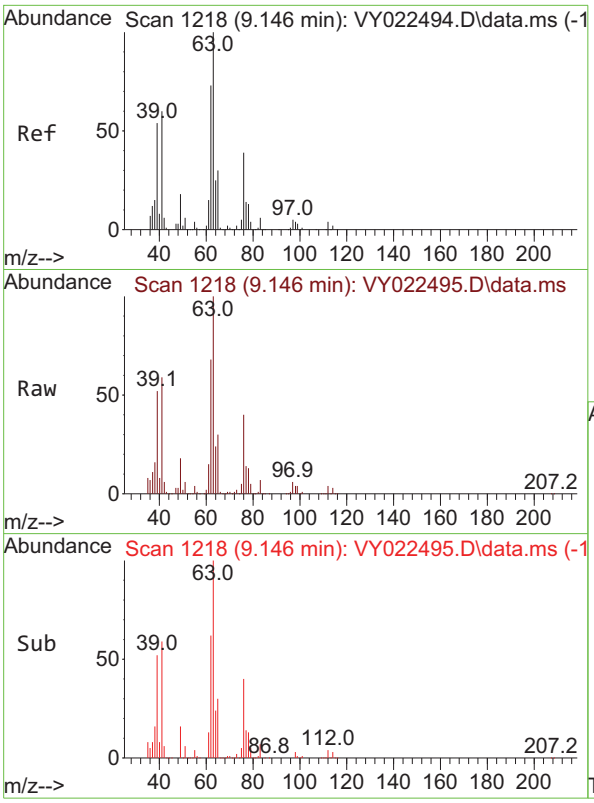


#44
Trichloroethene
Concen: 102.104 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:130 Resp: 253632

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.0

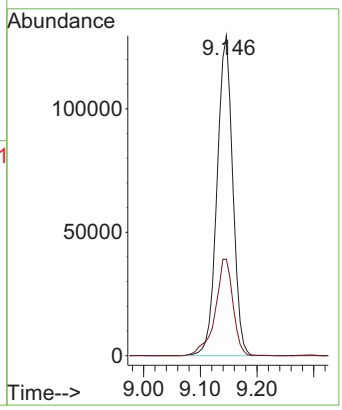




#45
1,2-Dichloropropane
Concen: 102.865 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 24936

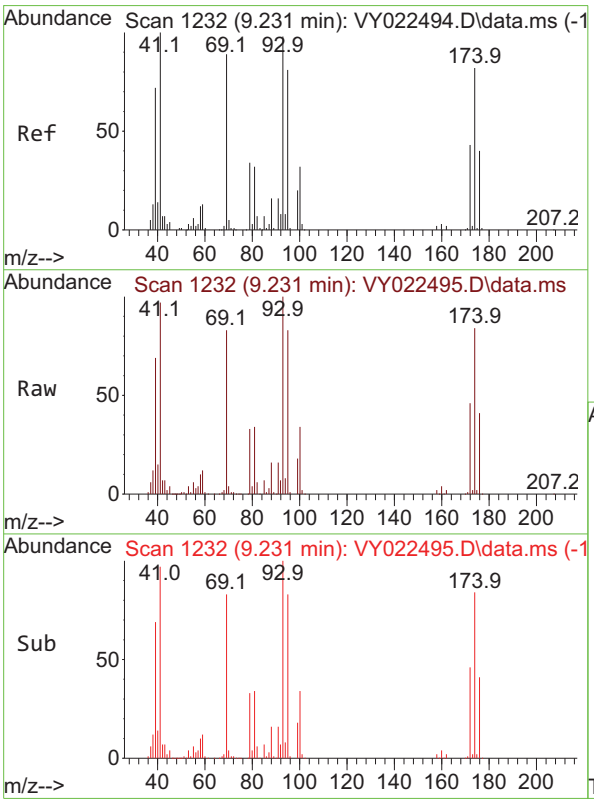
Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

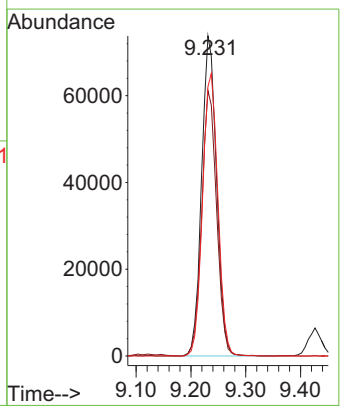
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

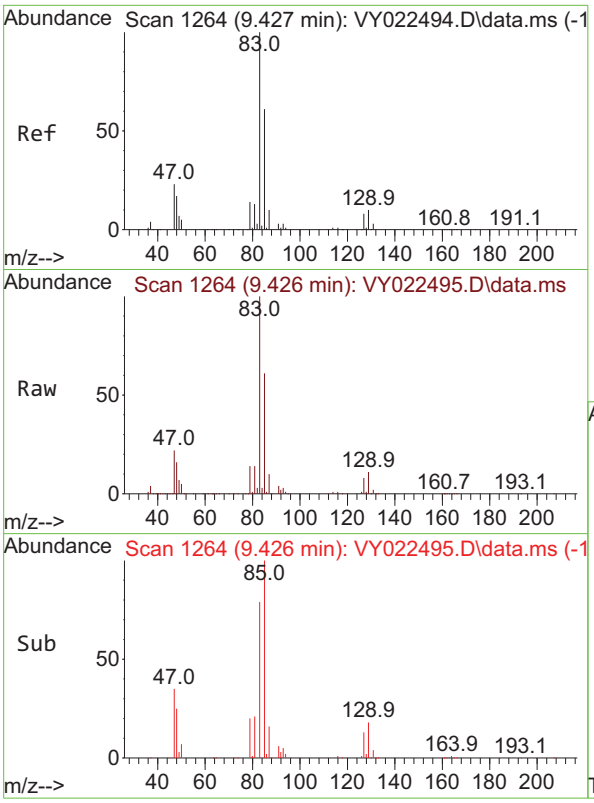


#46
Dibromomethane
Concen: 102.605 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 93 Resp: 139349

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.6	98.4
174	90.4	70.4	105.6

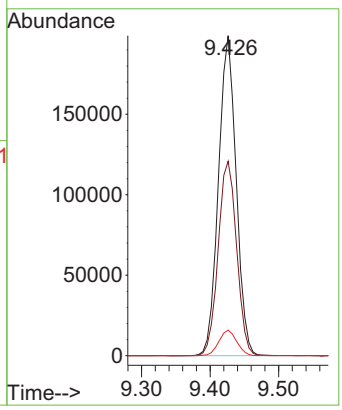




#47
Bromodichloromethane
Concen: 103.321 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 35602

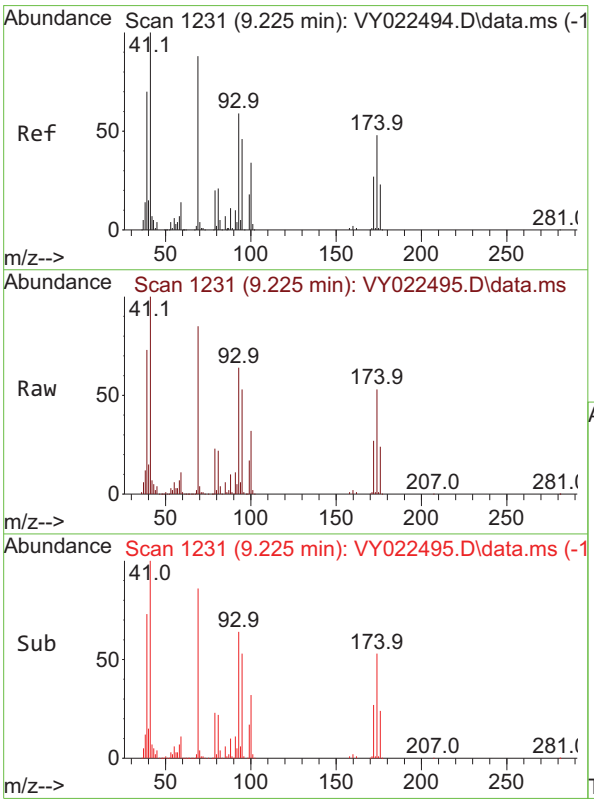
Ion	Ratio	Lower	Upper
83	100		
85	60.7	49.1	73.7
127	8.0	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

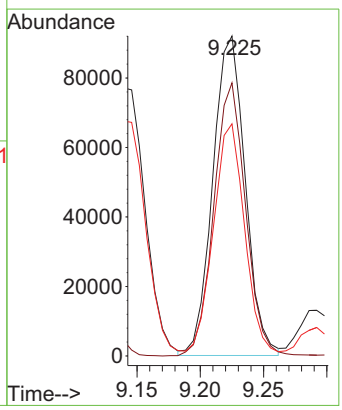
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

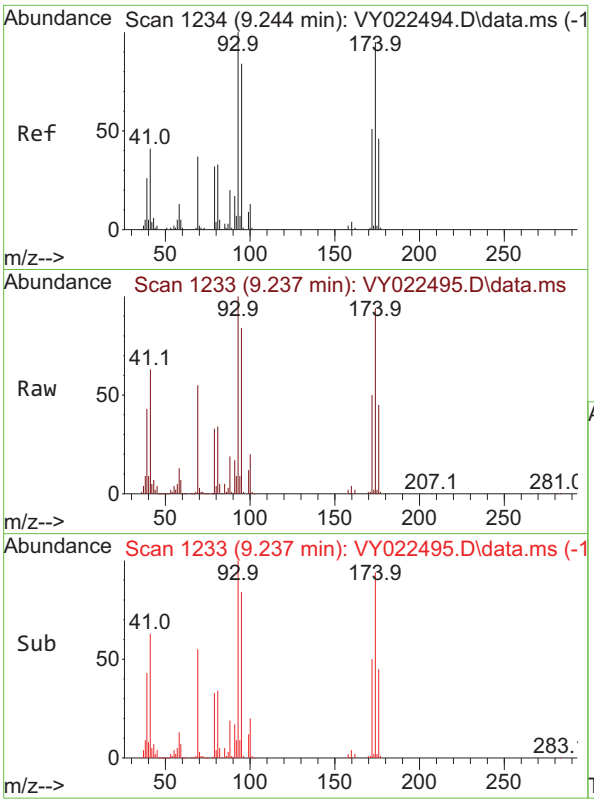


#48
Methyl methacrylate
Concen: 107.875 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 163867

Ion	Ratio	Lower	Upper
41	100		
69	84.0	67.8	101.8
39	68.0	55.0	82.4

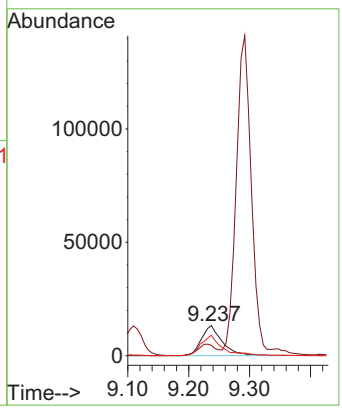




#49
1,4-Dioxane
Concen: 1955.012 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 88 Resp: 3167

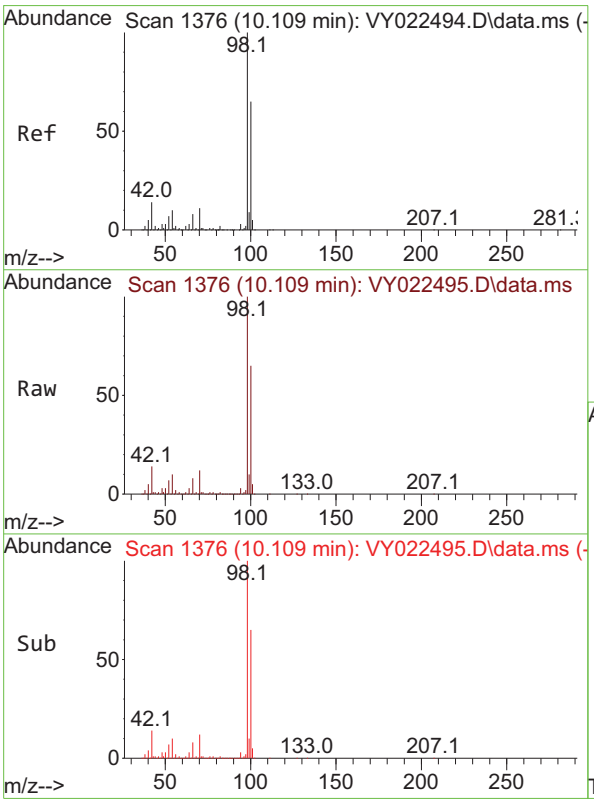
Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.4	38.2
58	69.1	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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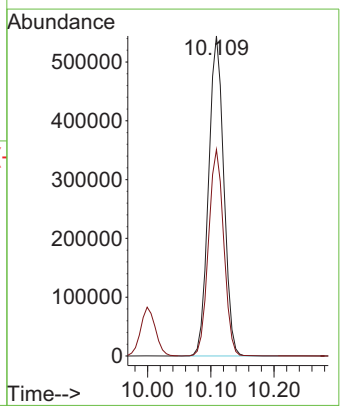
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

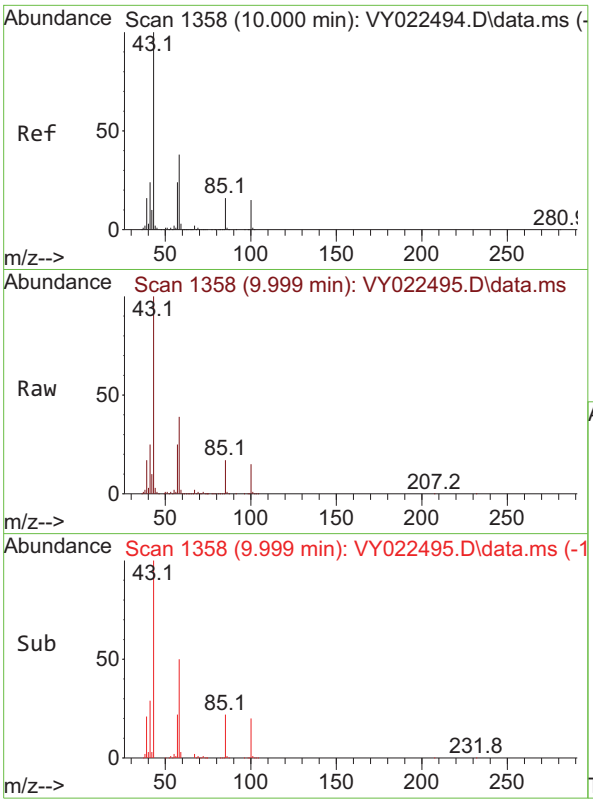


#50
Toluene-d8
Concen: 105.318 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 98 Resp: 908424

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

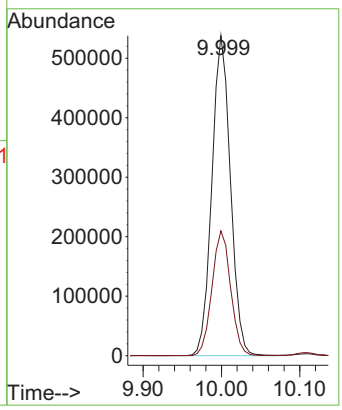




#51
4-Methyl-2-Pentanone
Concen: 537.390 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 88489

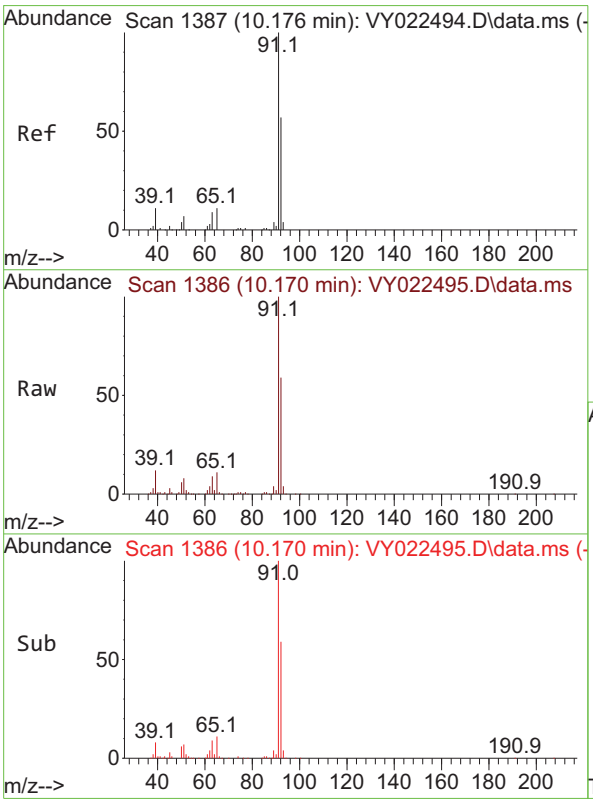
Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

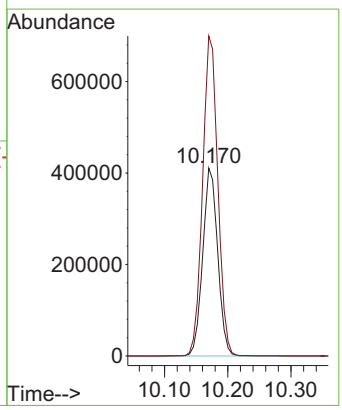
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

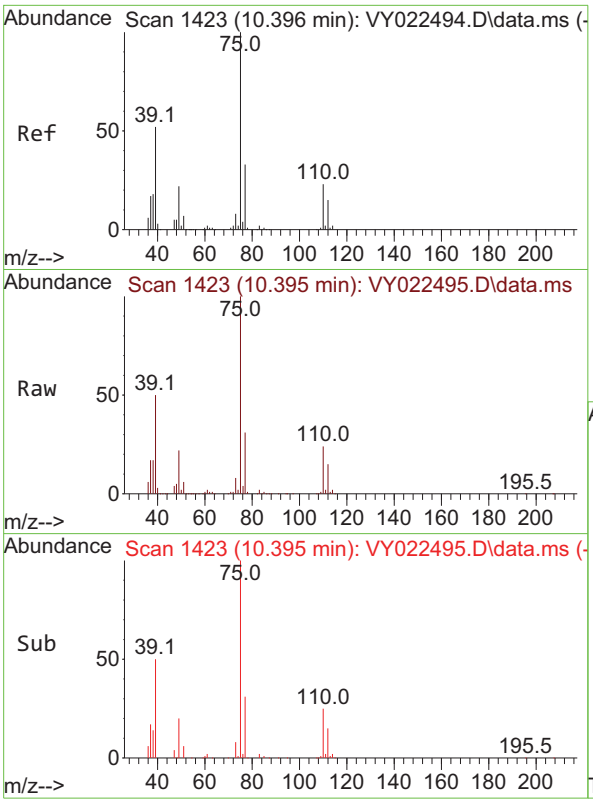


#52
Toluene
Concen: 105.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 92 Resp: 676554

Ion	Ratio	Lower	Upper
92	100		
91	173.1	139.0	208.4

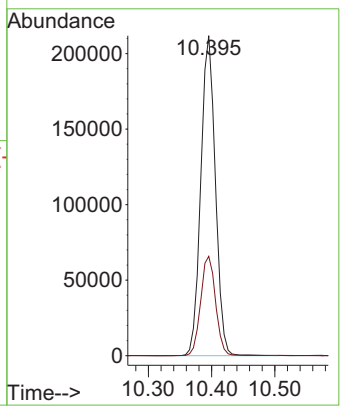




#53
t-1,3-Dichloropropene
Concen: 106.548 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 33964

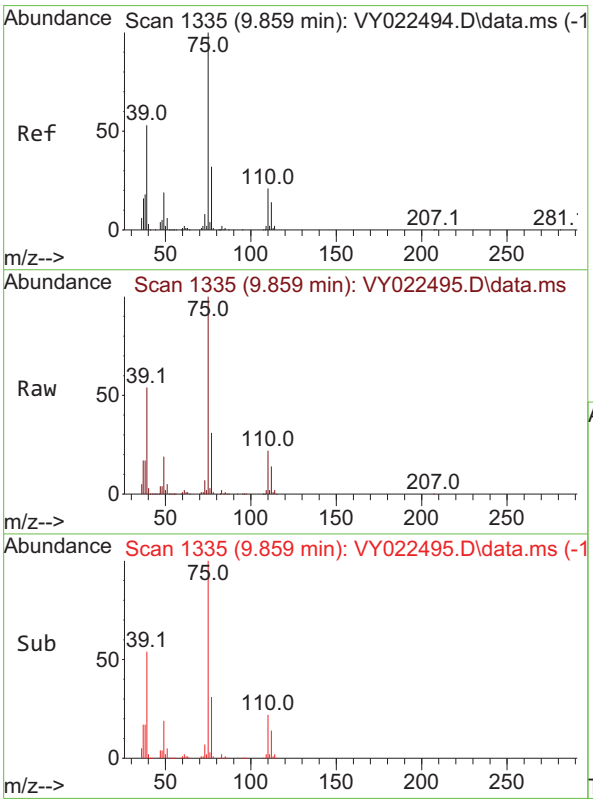
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

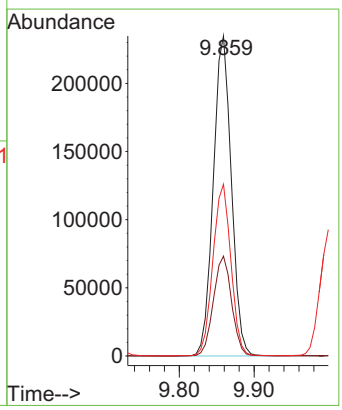
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

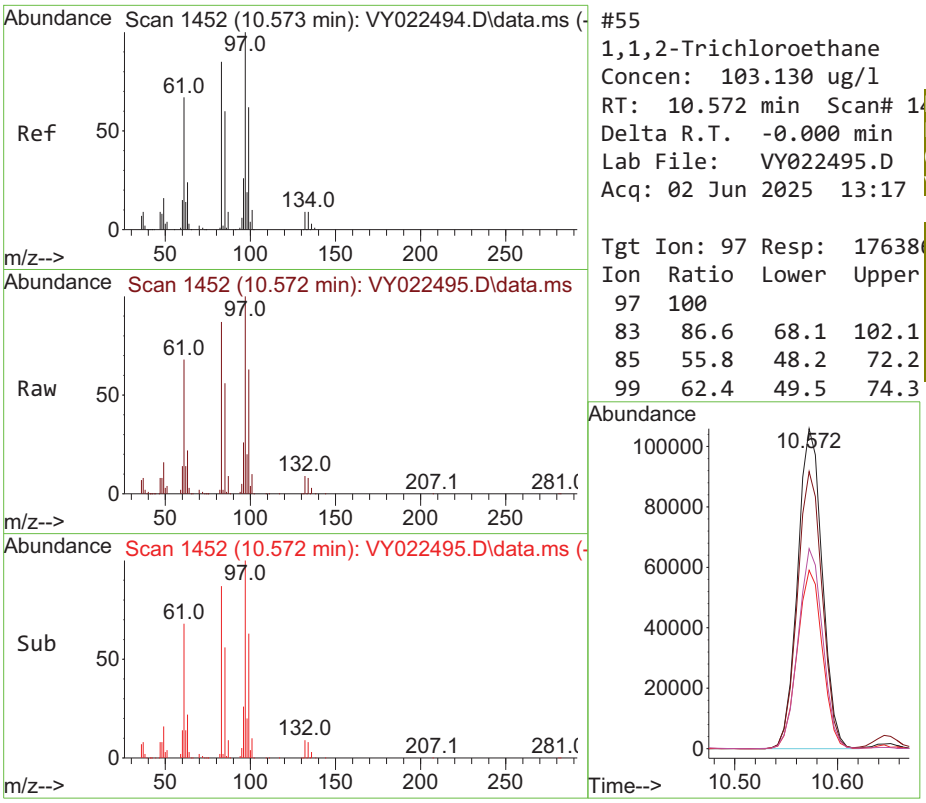


#54
cis-1,3-Dichloropropene
Concen: 105.579 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 394647

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	53.6	42.7	64.1





#55
1,1,2-Trichloroethane
Concen: 103.130 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

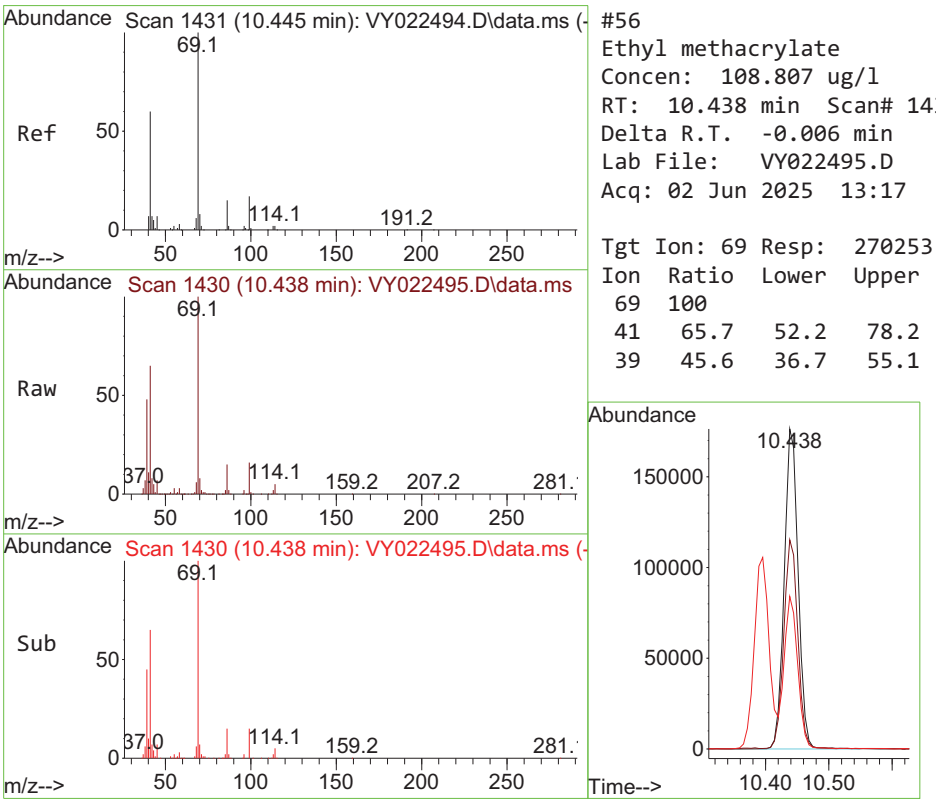
Tgt Ion: 97 Resp: 17638

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.8	48.2	72.2
99	62.4	49.5	74.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

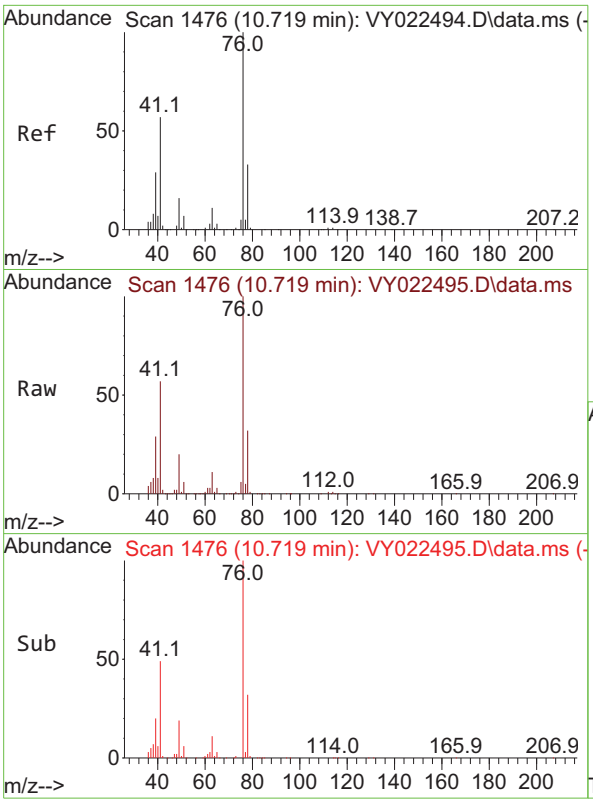
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#56
Ethyl methacrylate
Concen: 108.807 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 69 Resp: 270253

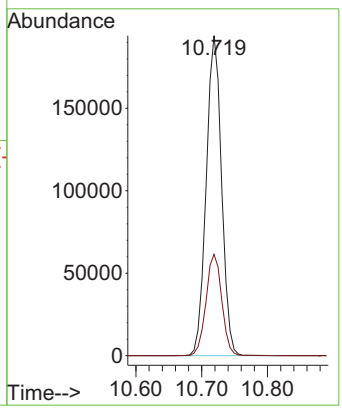
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	45.6	36.7	55.1



#57
1,3-Dichloropropane
Concen: 103.374 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 76 Resp: 31488

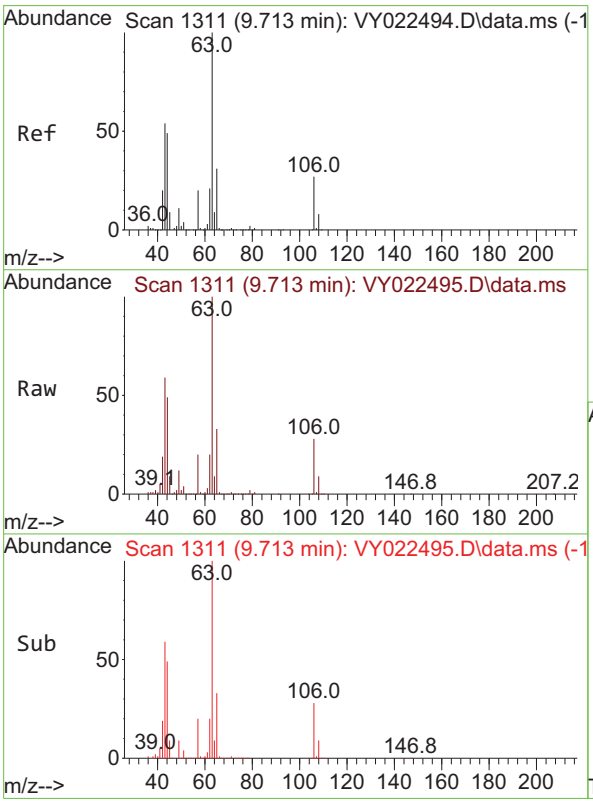
Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

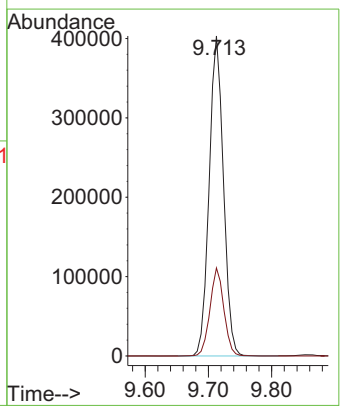
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

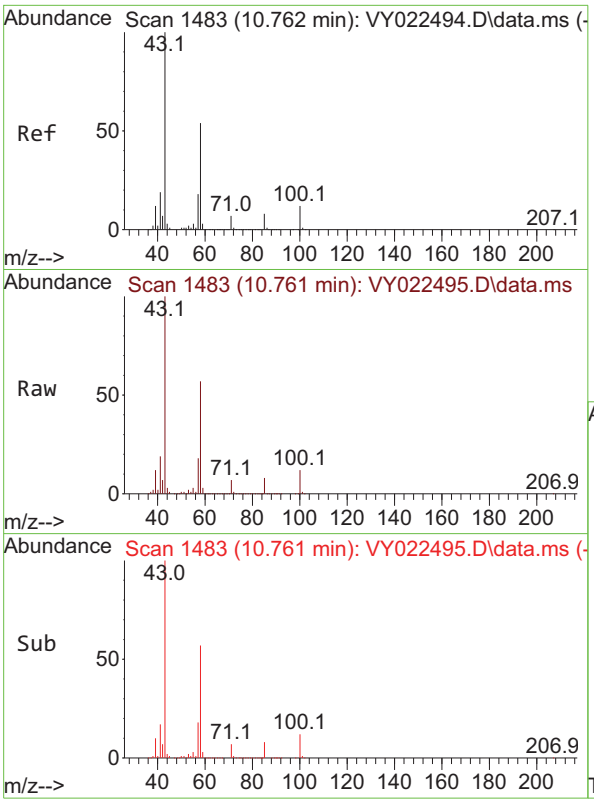


#58
2-Chloroethyl Vinyl ether
Concen: 570.744 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 631985

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4

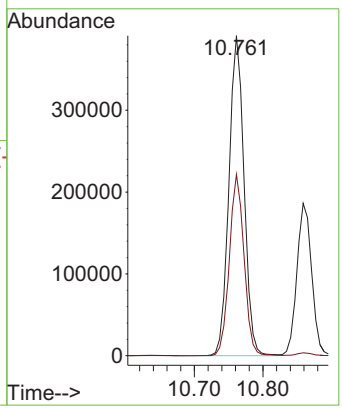




#59
2-Hexanone
Concen: 546.025 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 59935

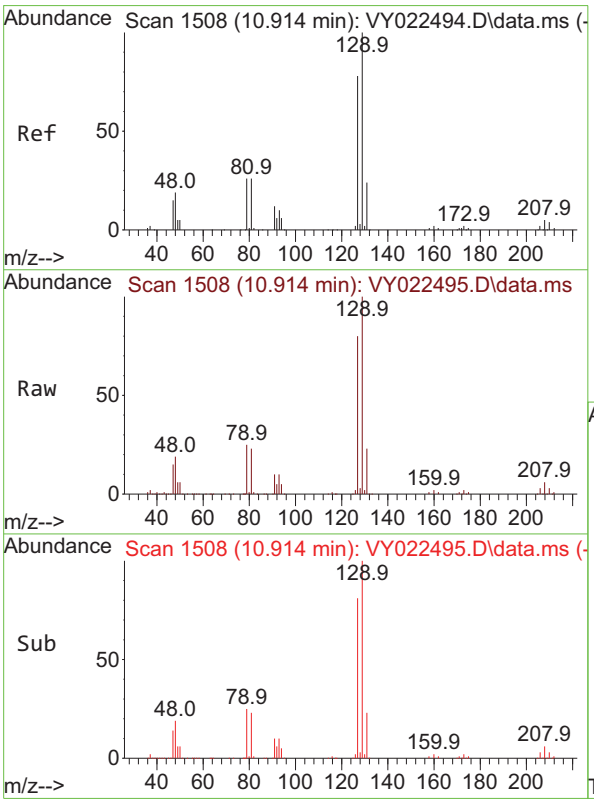
Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

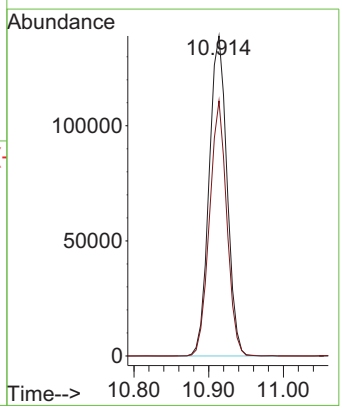
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

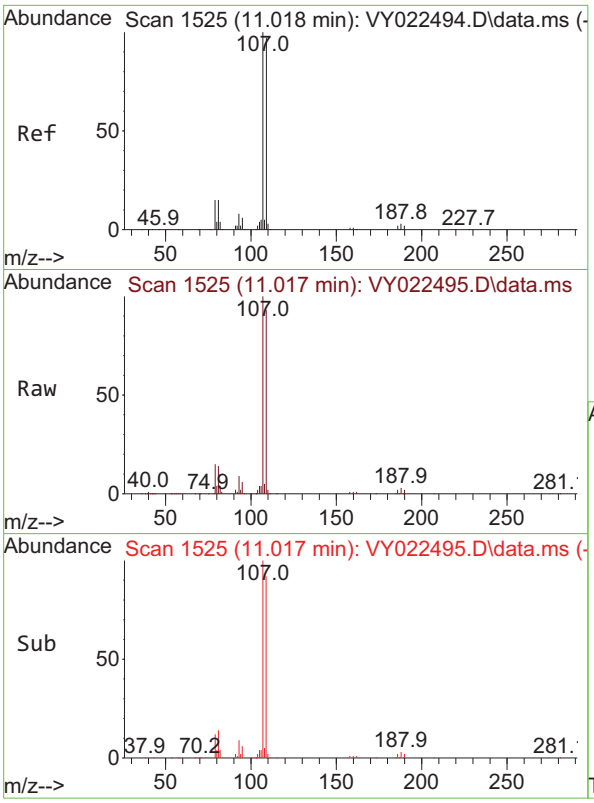


#60
Dibromochloromethane
Concen: 106.862 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:129 Resp: 231582

Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2





#61
1,2-Dibromoethane
Concen: 103.182 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

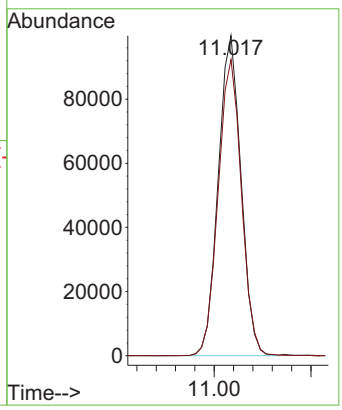
Tgt Ion:107 Resp: 16284

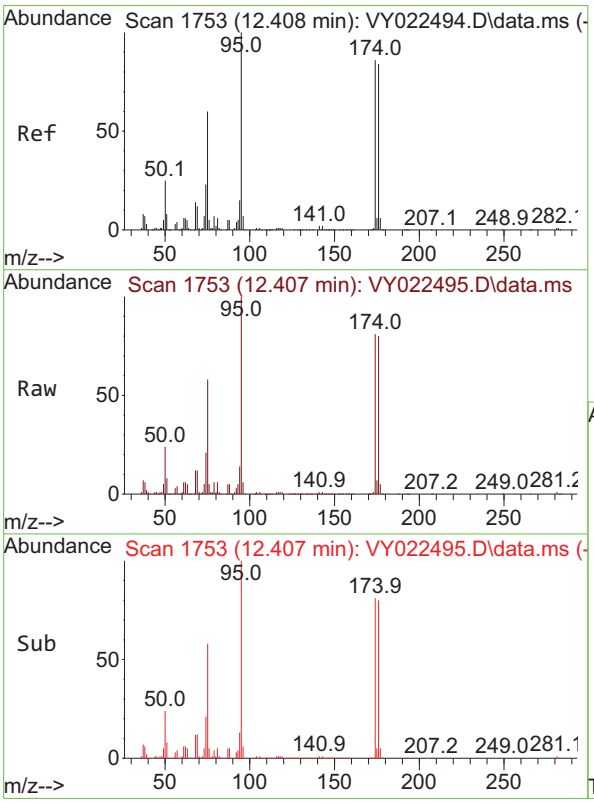
Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

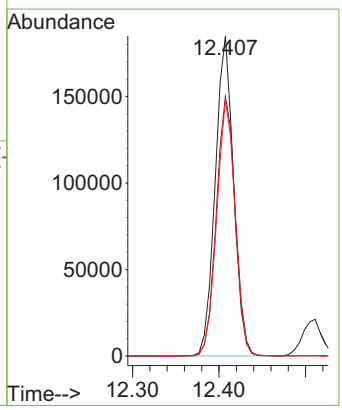


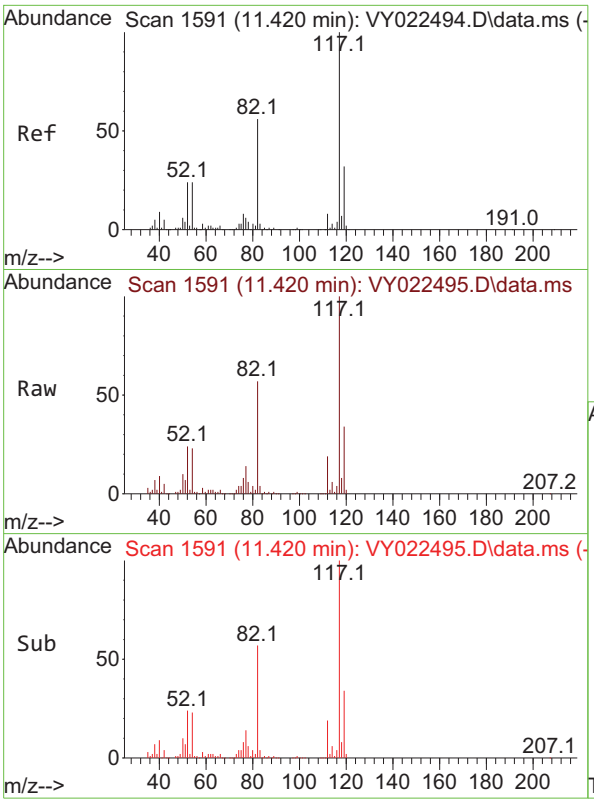


#62
4-Bromofluorobenzene
Concen: 103.359 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 95 Resp: 270310

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	170.0
176	80.8	0.0	166.2

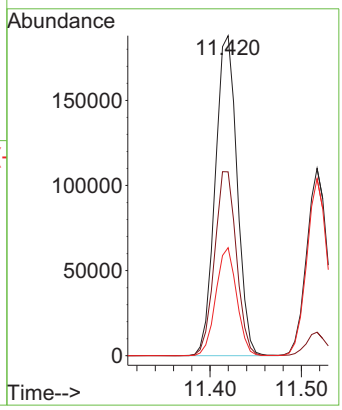




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 31274

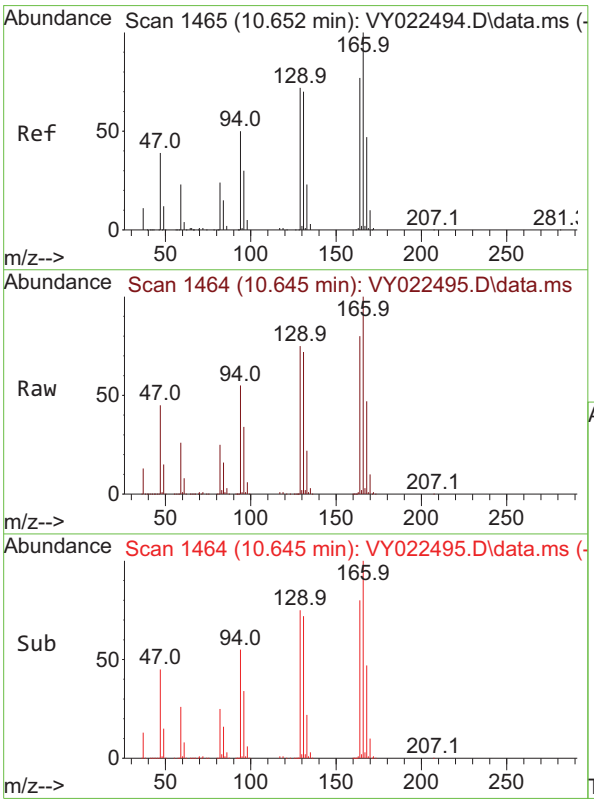
Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.8	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

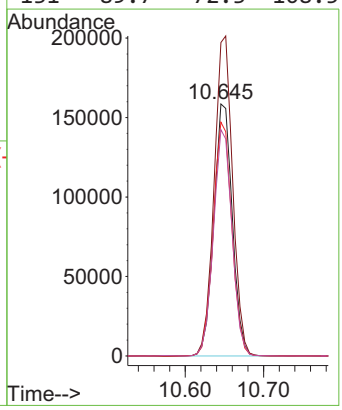
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

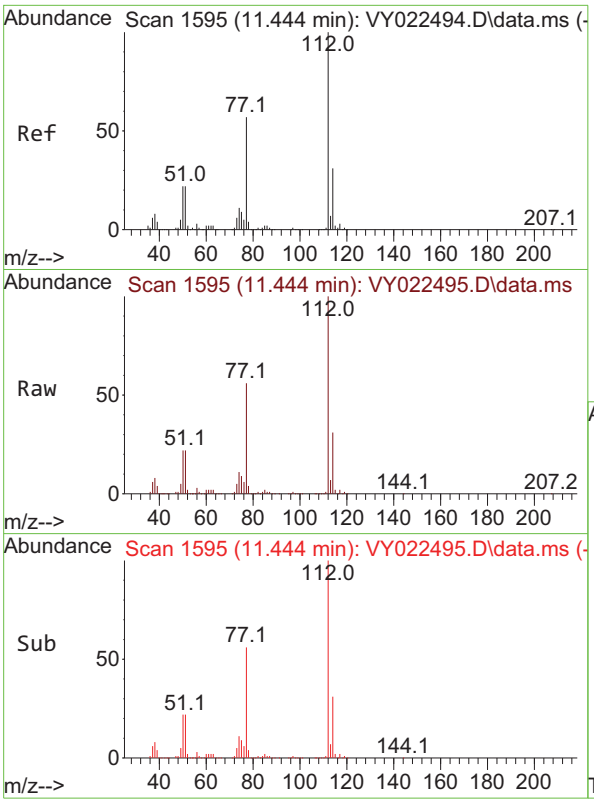


#64
Tetrachloroethene
Concen: 97.857 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:164 Resp: 260085

Ion	Ratio	Lower	Upper
164	100		
166	124.4	104.0	156.0
129	92.8	74.5	111.7
131	89.7	72.3	108.5

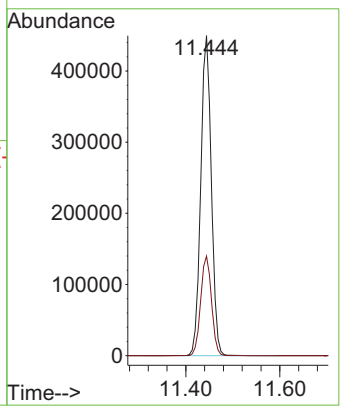




#65
Chlorobenzene
Concen: 103.277 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:112 Resp: 70036

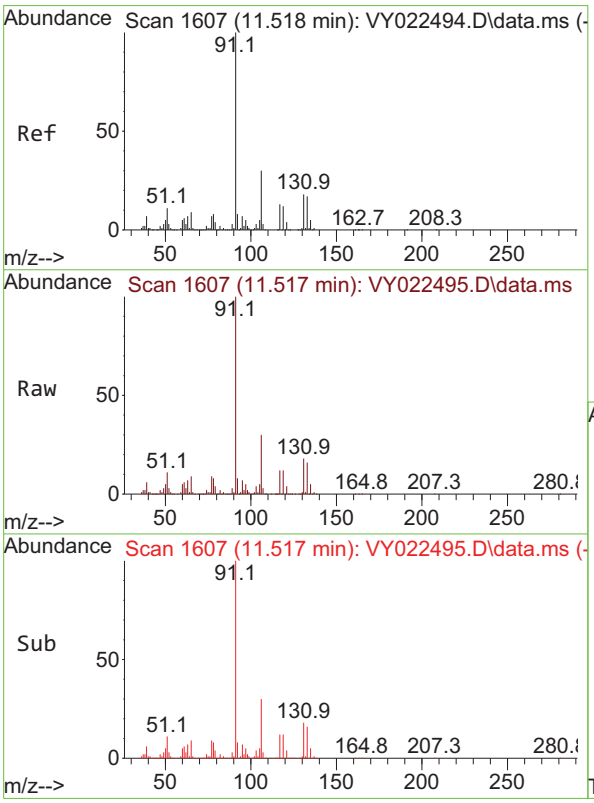
Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

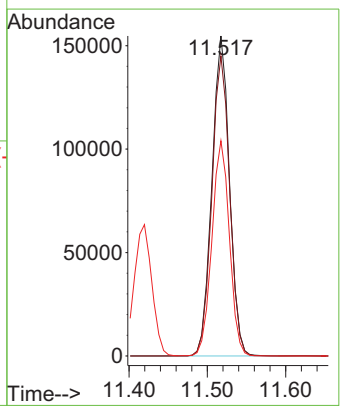
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

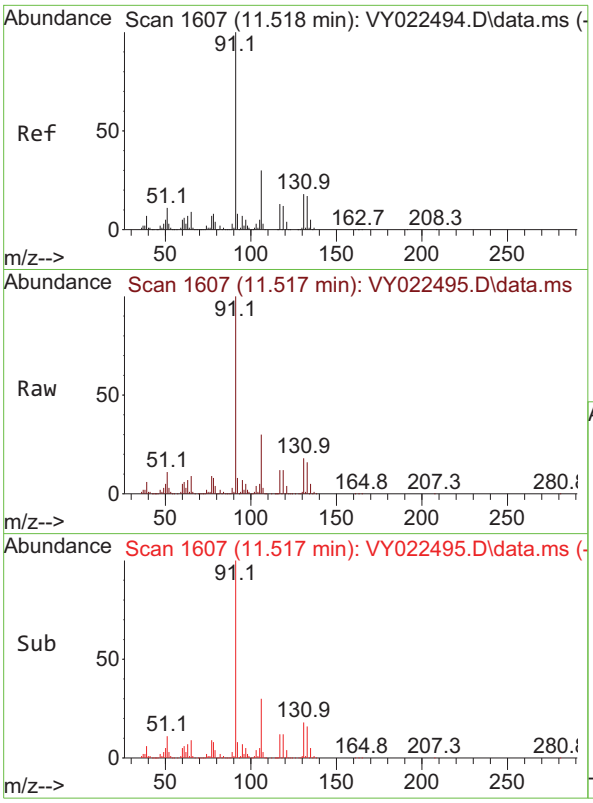


#66
1,1,1,2-Tetrachloroethane
Concen: 104.874 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:131 Resp: 241080

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.8
119	66.9	33.1	99.3

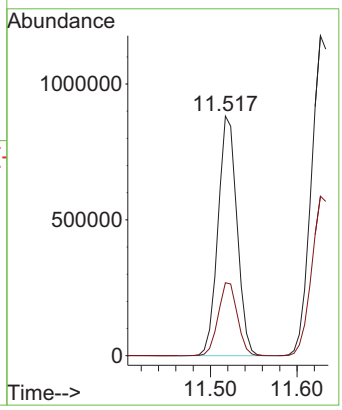




#67
Ethyl Benzene
Concen: 106.379 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 134342

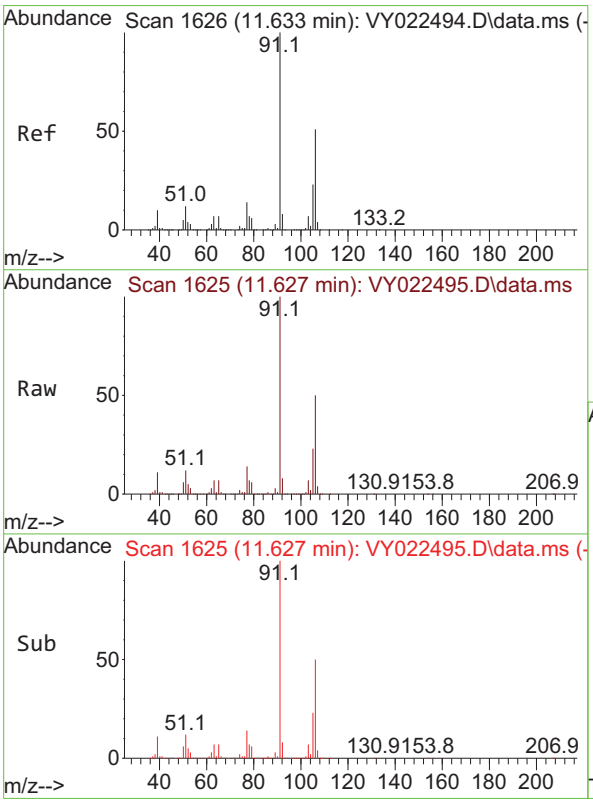
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

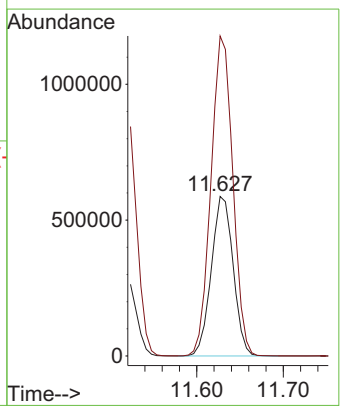
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

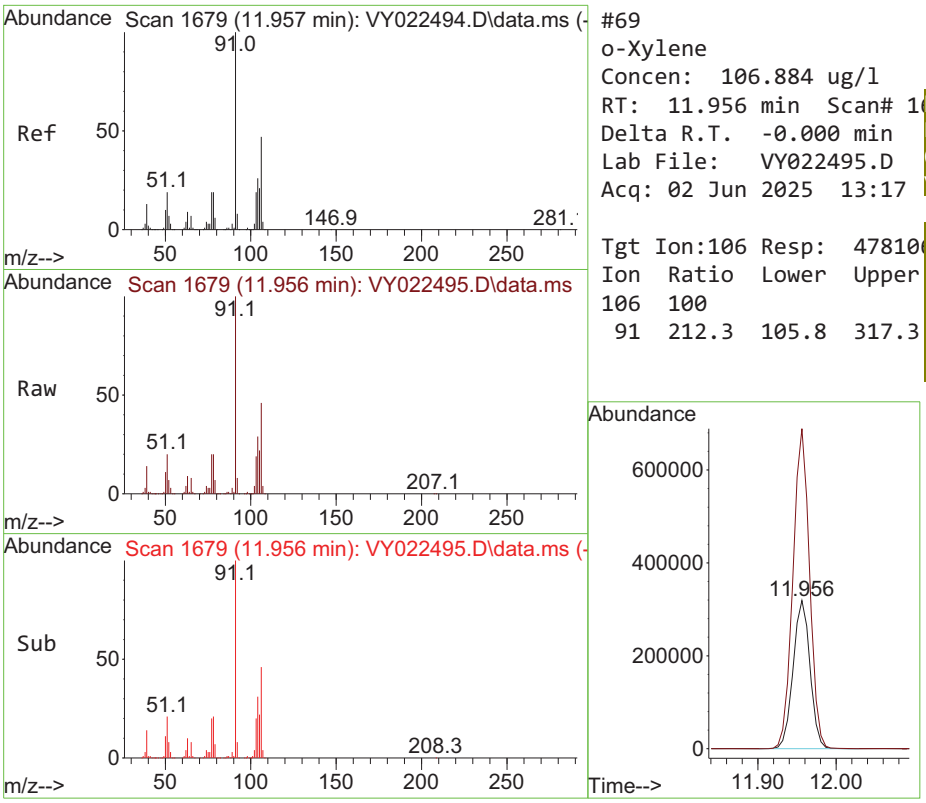


#68
m/p-Xylenes
Concen: 215.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 1027669

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.4	239.0





#69
o-Xylene
Concen: 106.884 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

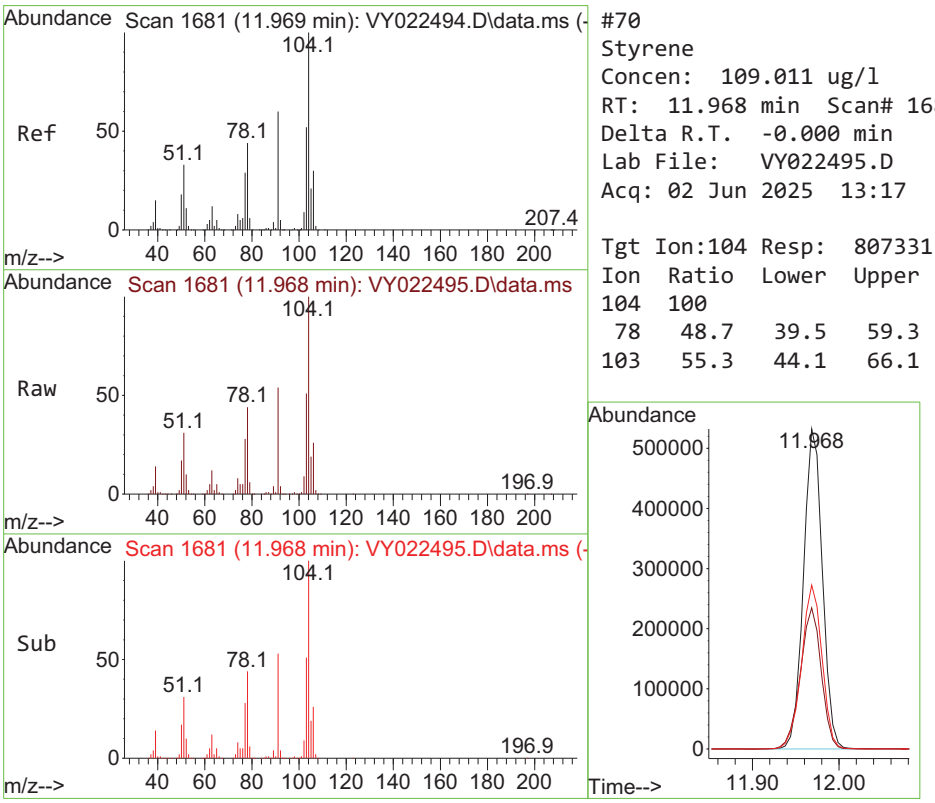
Tgt Ion:106 Resp: 47810

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

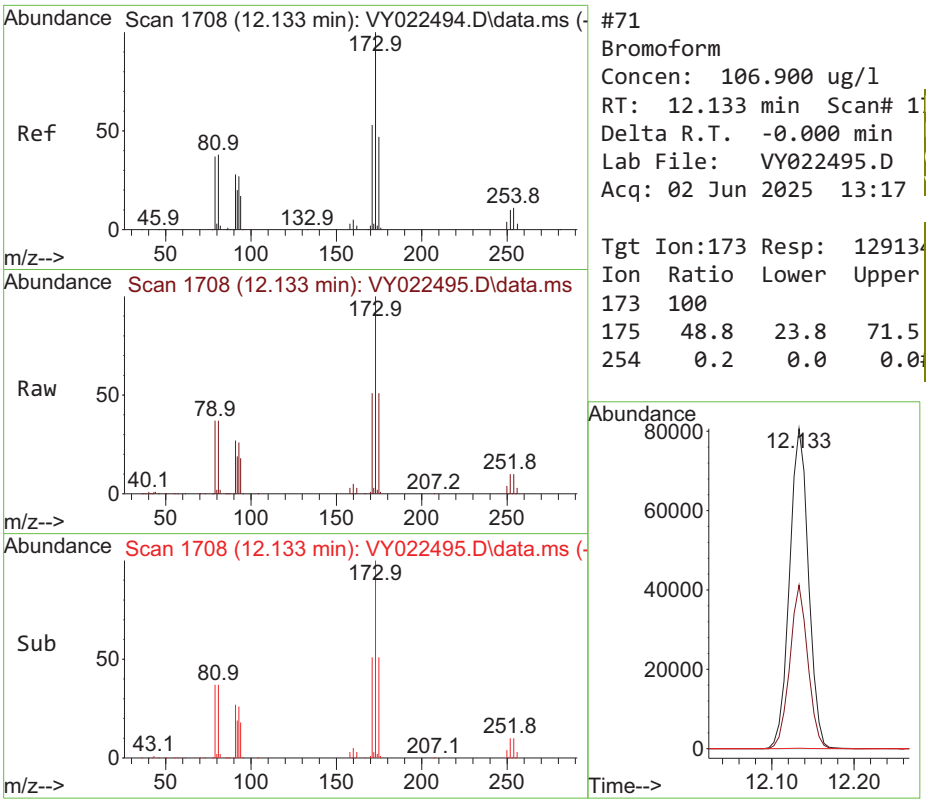
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 109.011 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:104 Resp: 807331

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.3	44.1	66.1



#71
Bromoform
Concen: 106.900 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

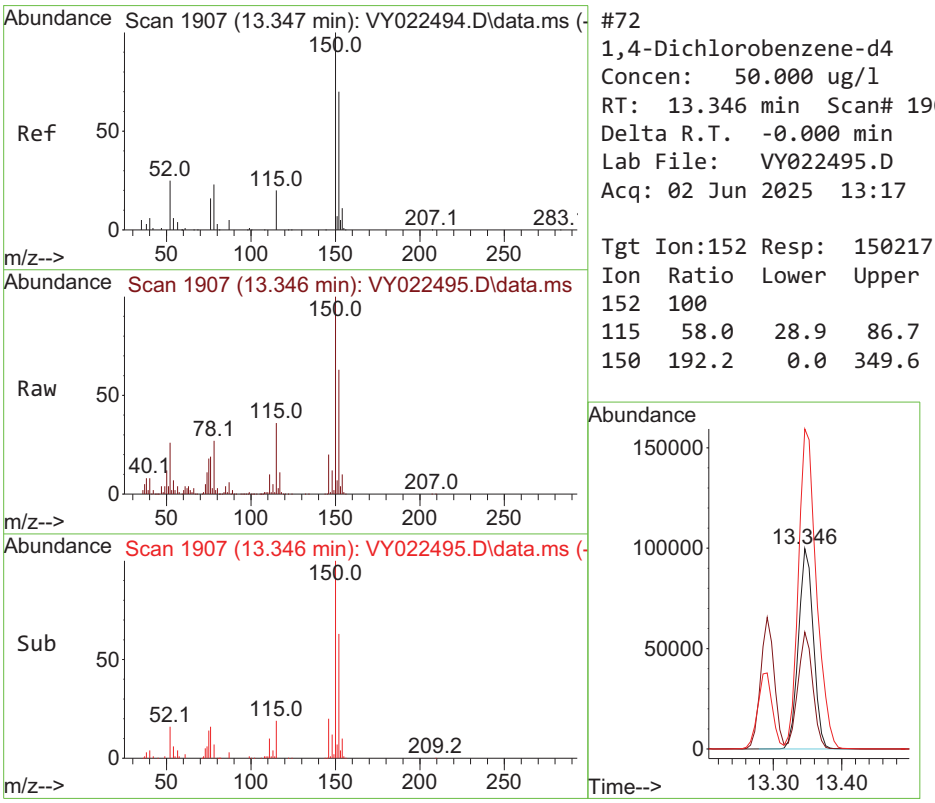
Tgt Ion:173 Resp: 12913

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.5
254	0.2	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

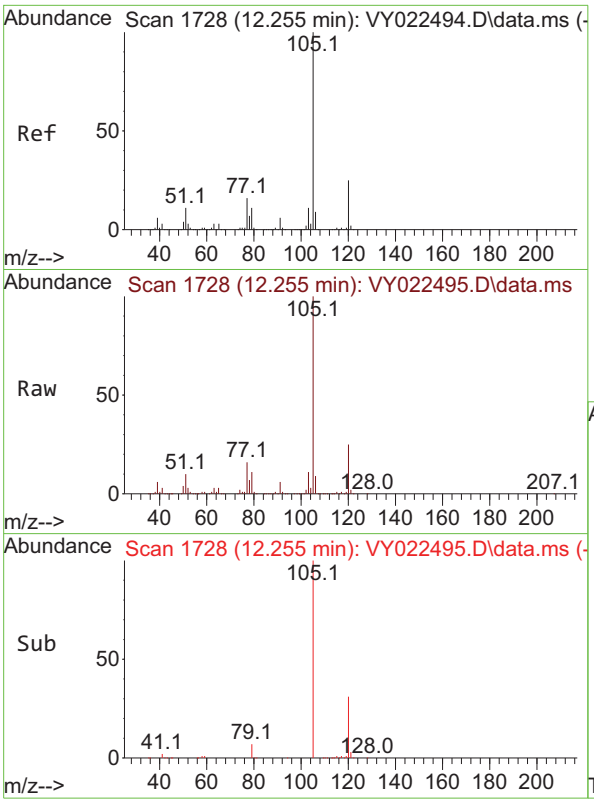
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:152 Resp: 150217

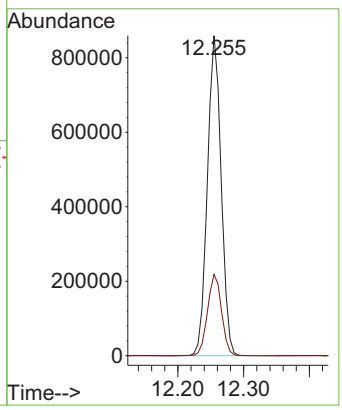
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	192.2	0.0	349.6



#73
Isopropylbenzene
Concen: 103.429 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 125178

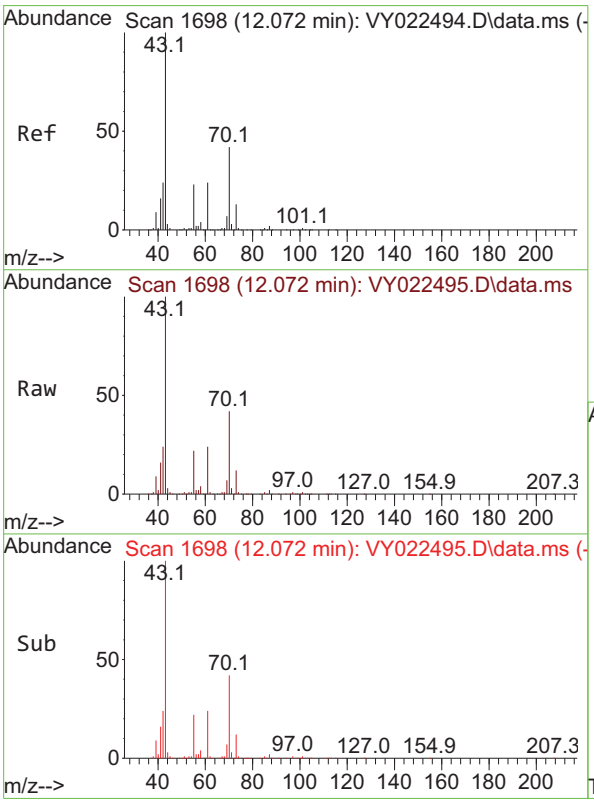
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

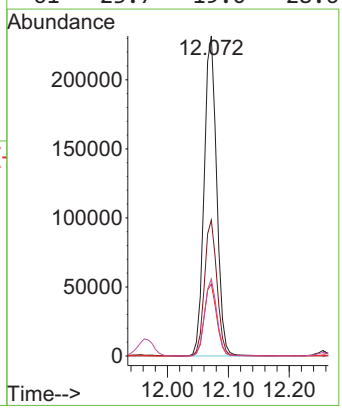
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

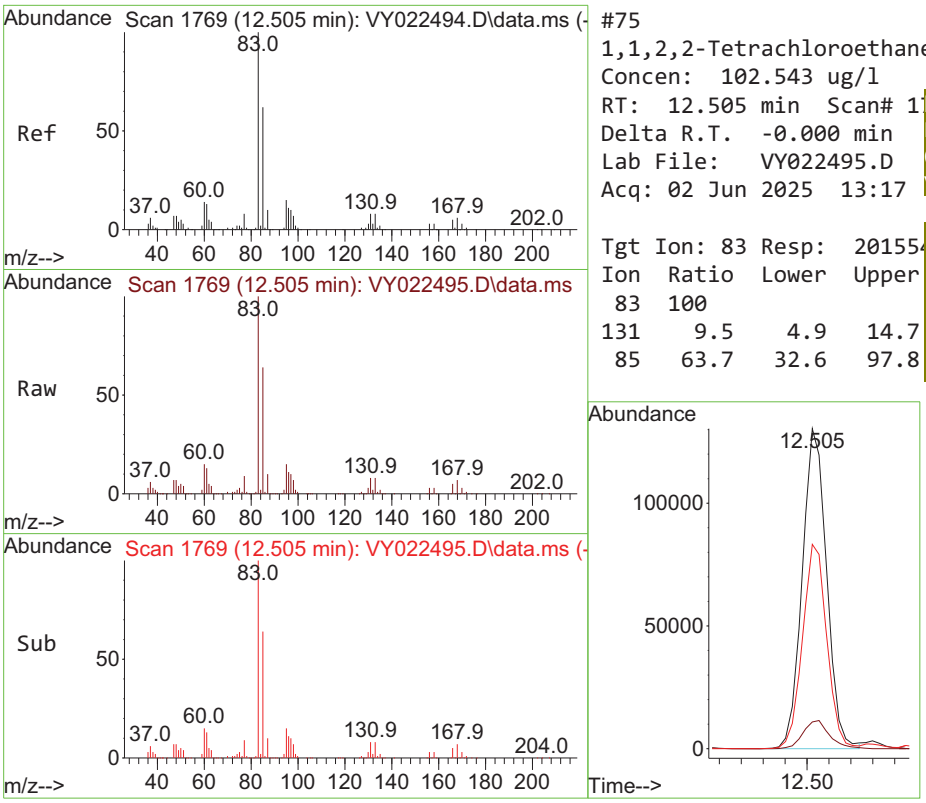


#74
N-amyl acetate
Concen: 108.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 331256

Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.2	51.2
55	22.5	18.2	27.4
61	23.7	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 102.543 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

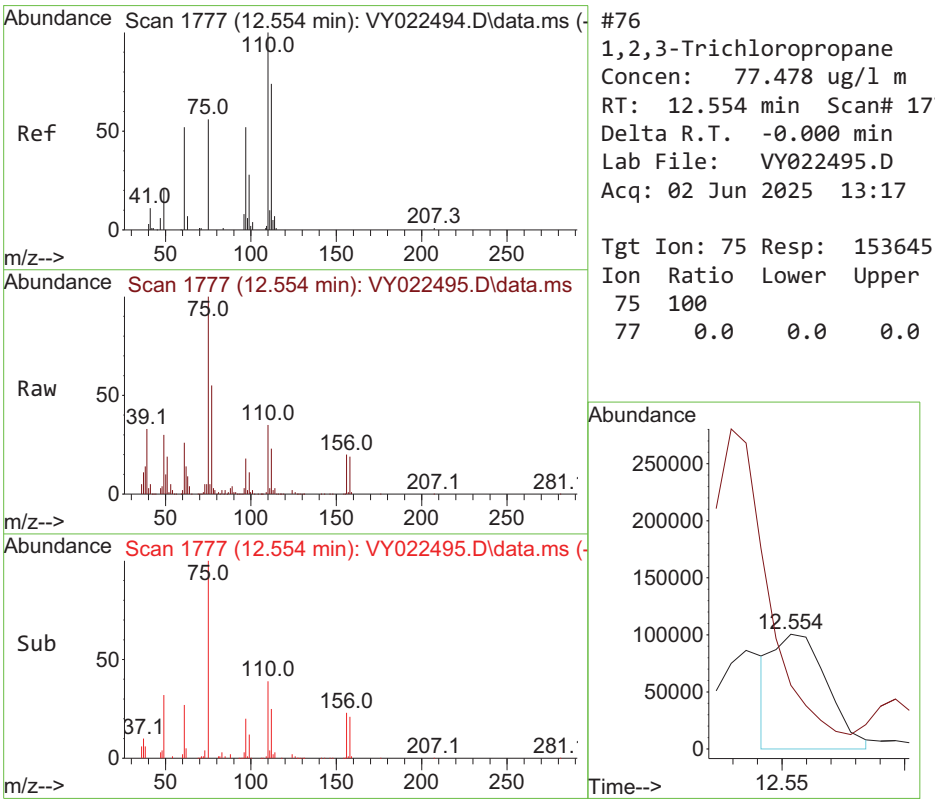
Tgt Ion: 83 Resp: 20155

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.7	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

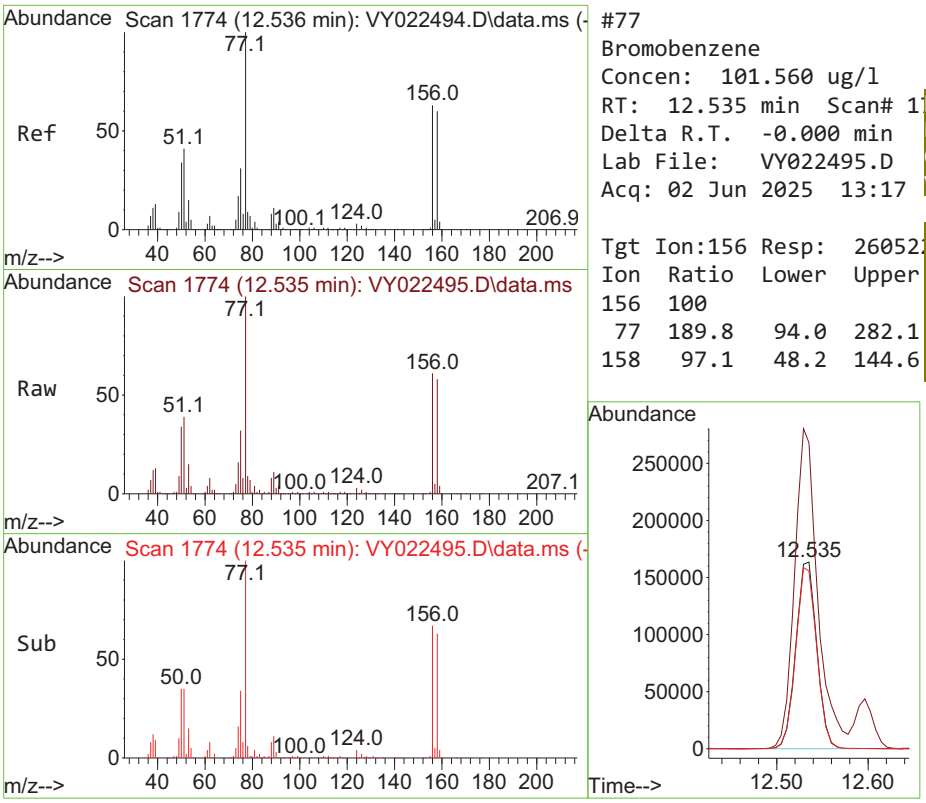
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#76
1,2,3-Trichloropropane
Concen: 77.478 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 153645

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 101.560 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

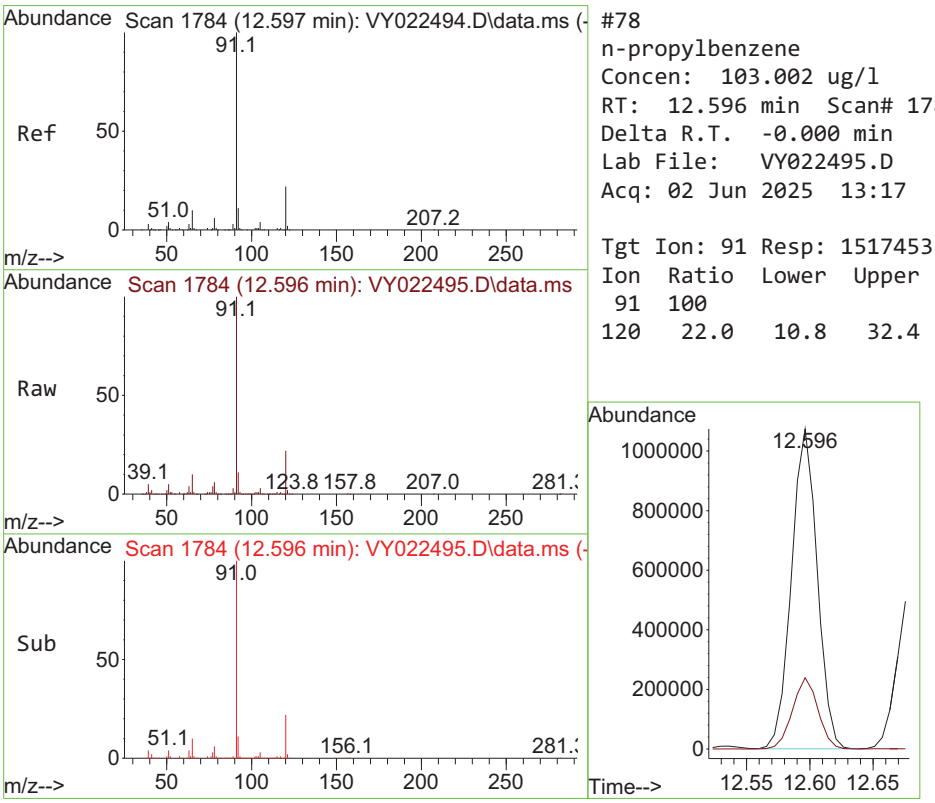
Tgt Ion:156 Resp: 26052

Ion	Ratio	Lower	Upper
156	100		
77	189.8	94.0	282.1
158	97.1	48.2	144.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

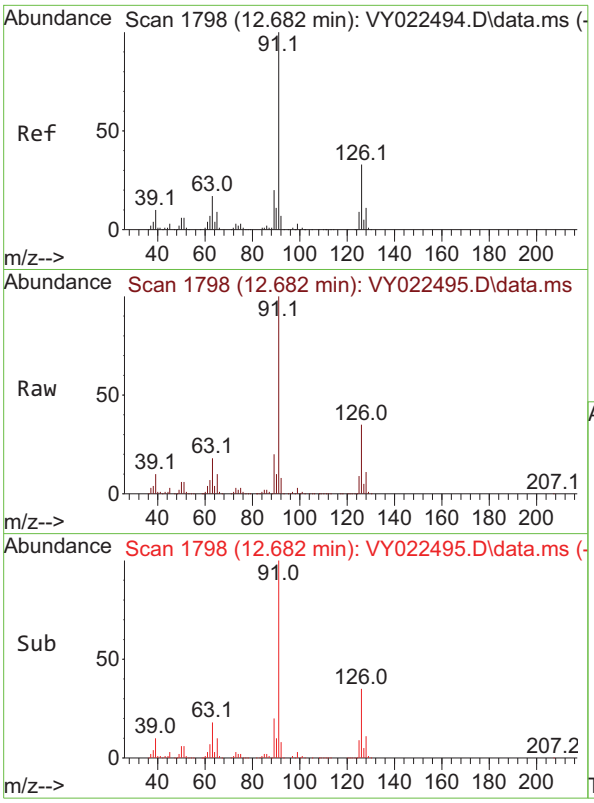
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#78
n-propylbenzene
Concen: 103.002 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 1517453

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4



#79
2-Chlorotoluene
Concen: 102.984 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

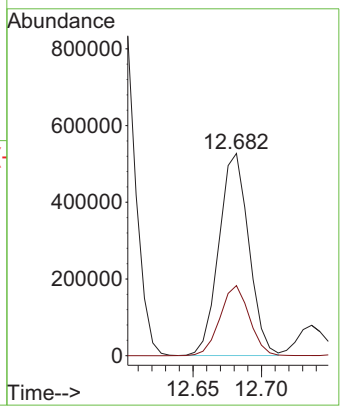
Tgt Ion: 91 Resp: 80109

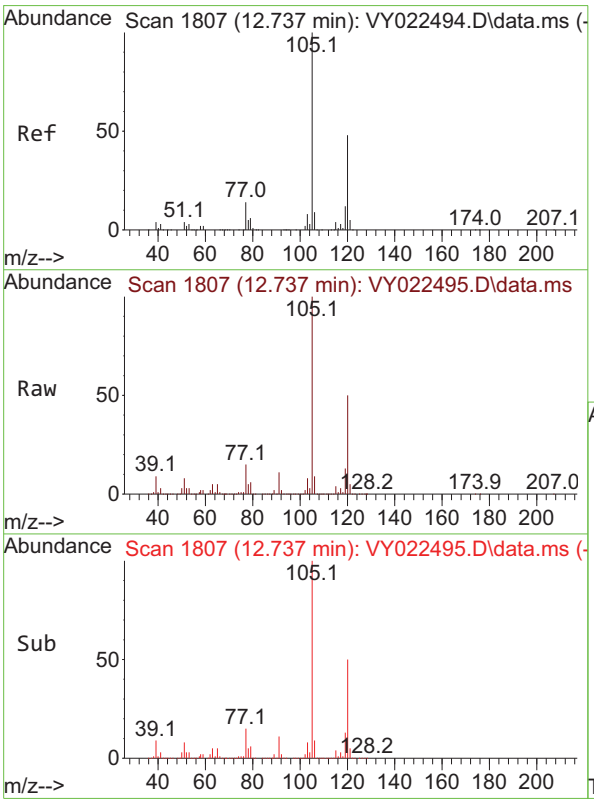
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

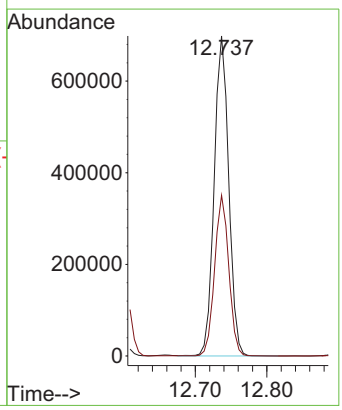


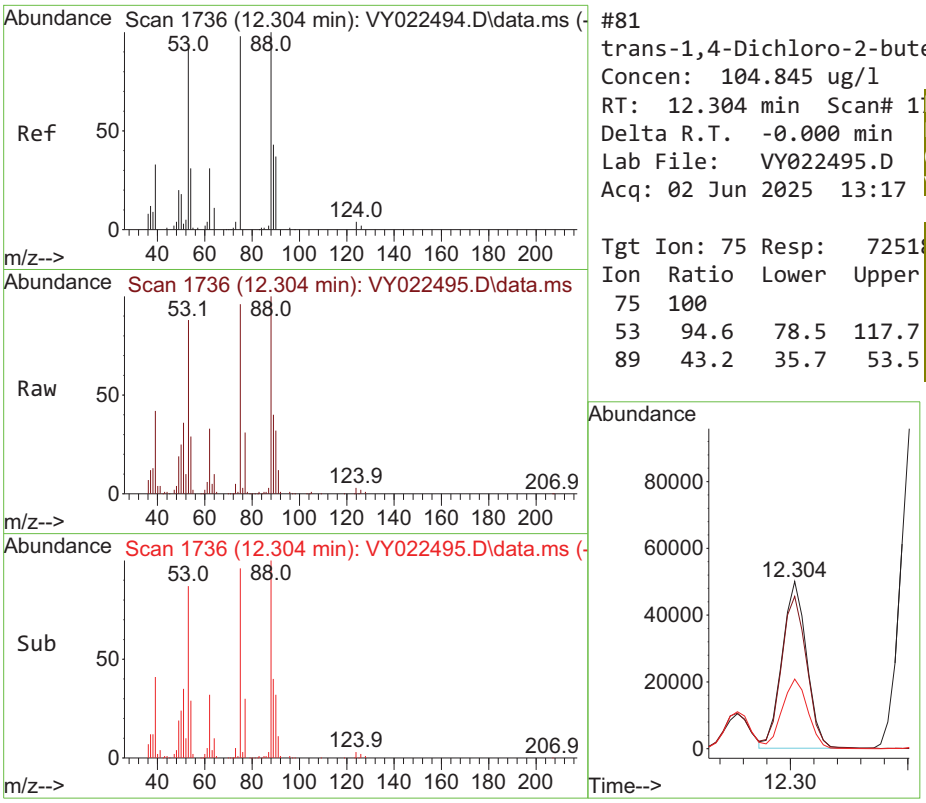


#80
1,3,5-Trimethylbenzene
Concen: 103.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 983812

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

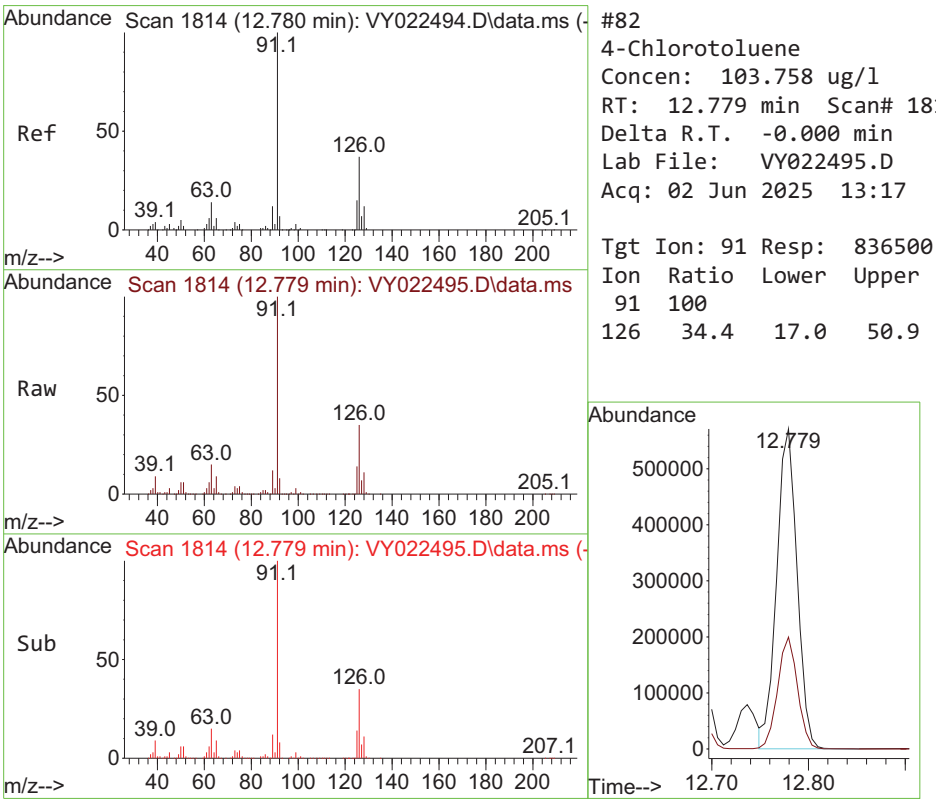
Tgt Ion: 75 Resp: 7251

Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.5	117.7
89	43.2	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

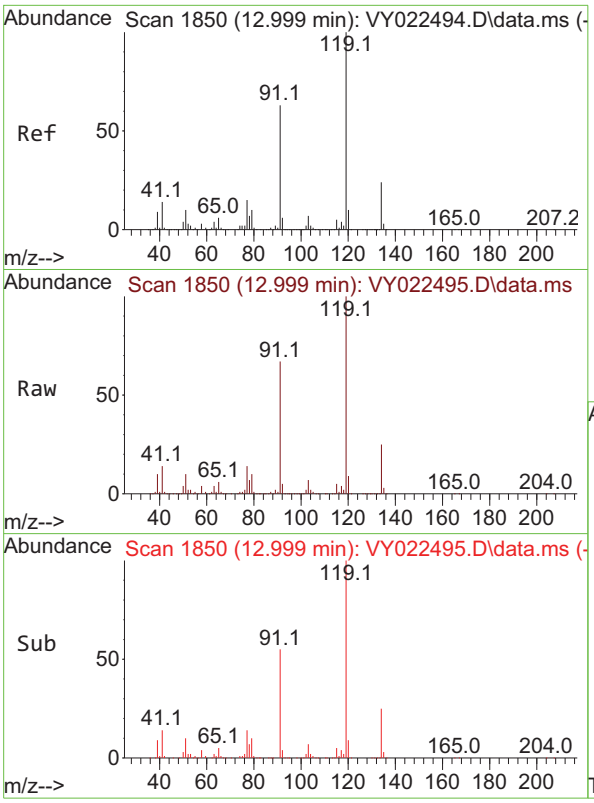
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 103.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 836500

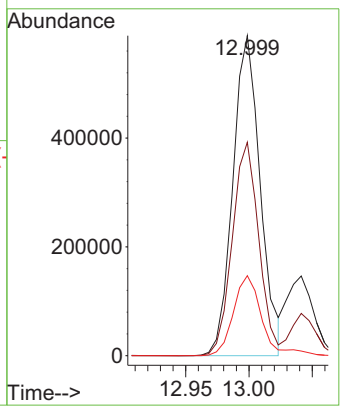
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9



#83
tert-Butylbenzene
Concen: 102.740 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 88694

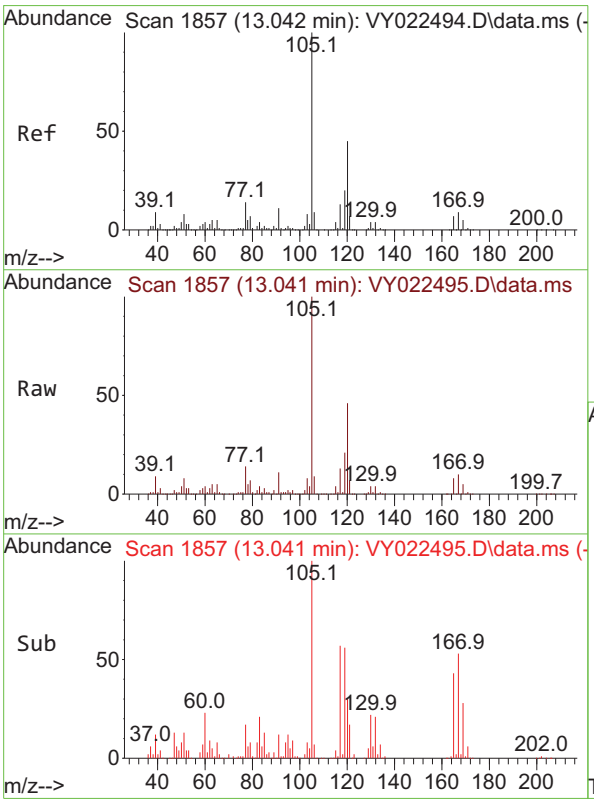
Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

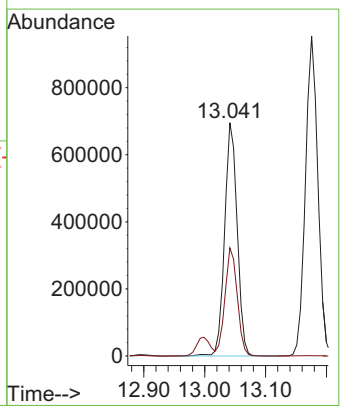
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

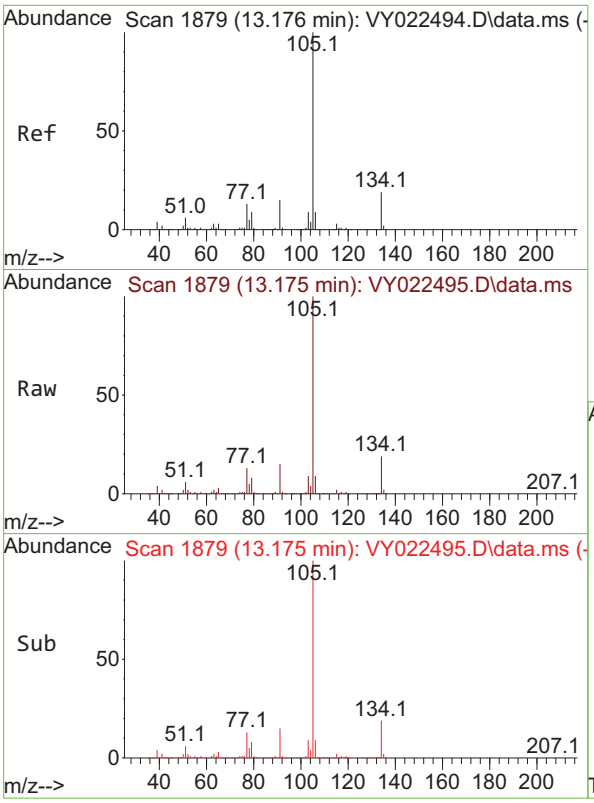


#84
1,2,4-Trimethylbenzene
Concen: 104.854 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 992770

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1

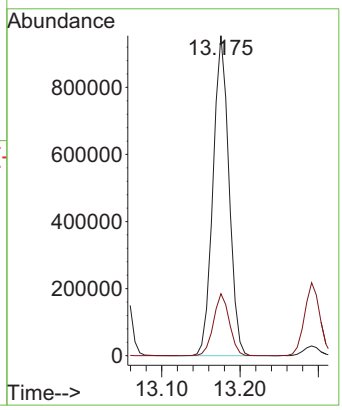




#85
sec-Butylbenzene
Concen: 103.006 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 134820

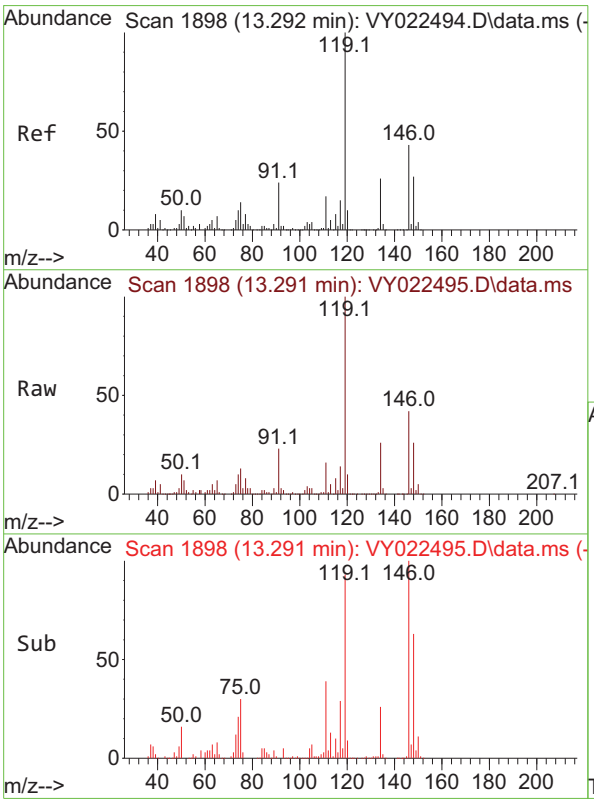
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

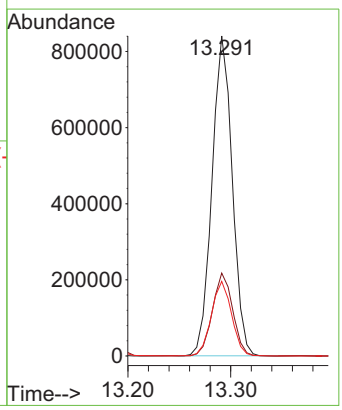
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

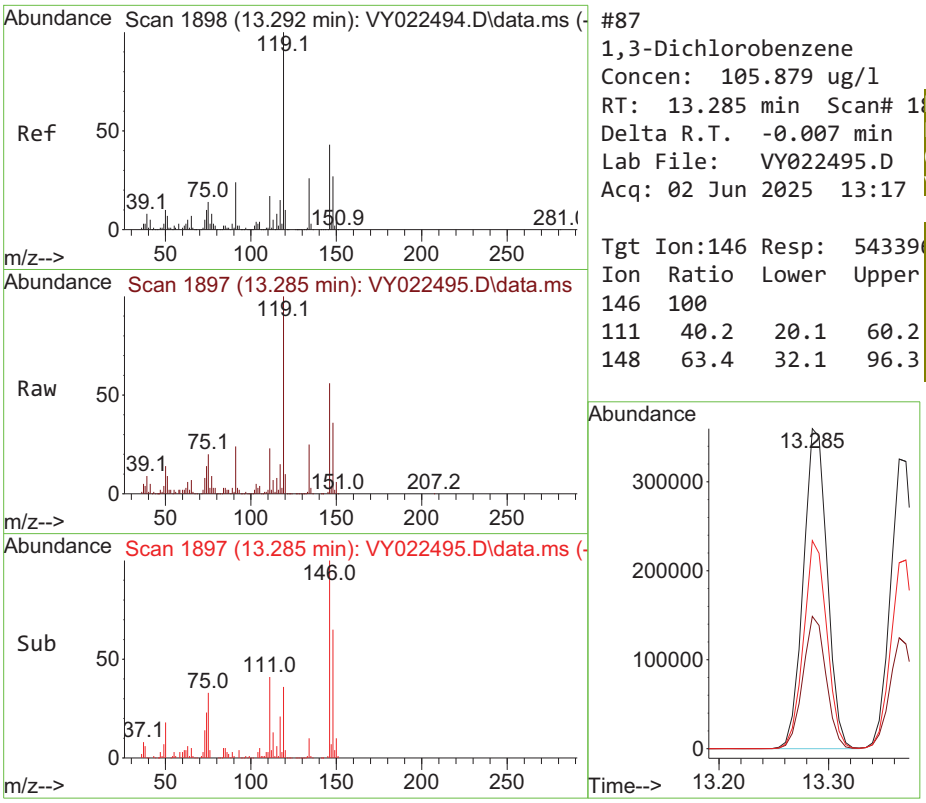


#86
p-Isopropyltoluene
Concen: 106.760 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 1148821

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 105.879 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

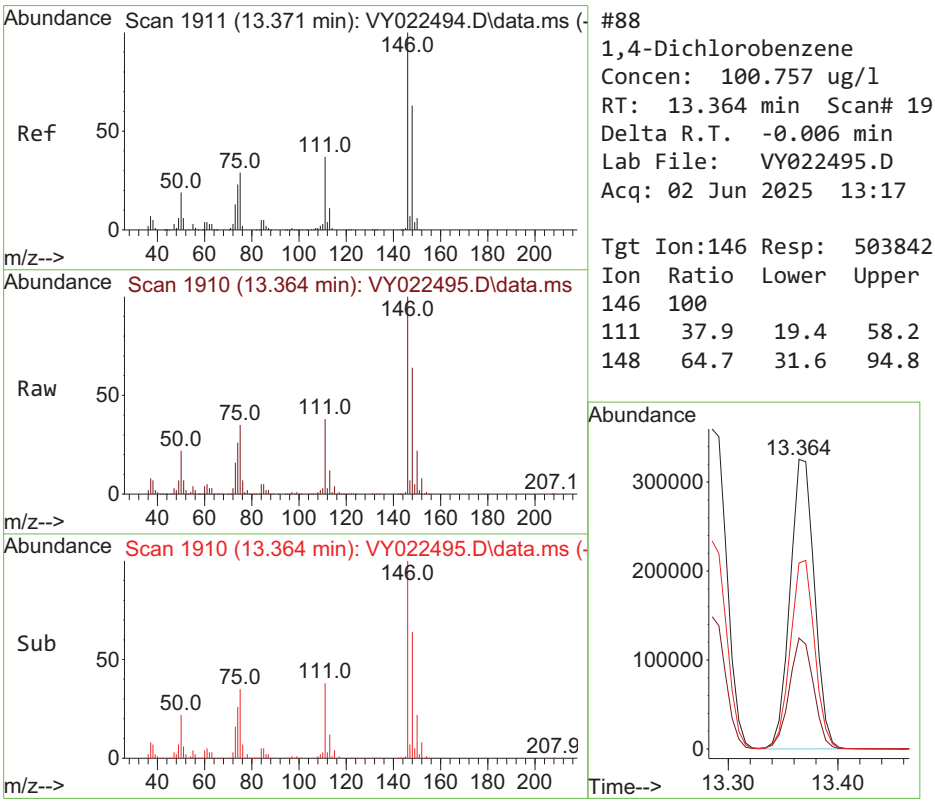
Tgt Ion:146 Resp: 54339

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

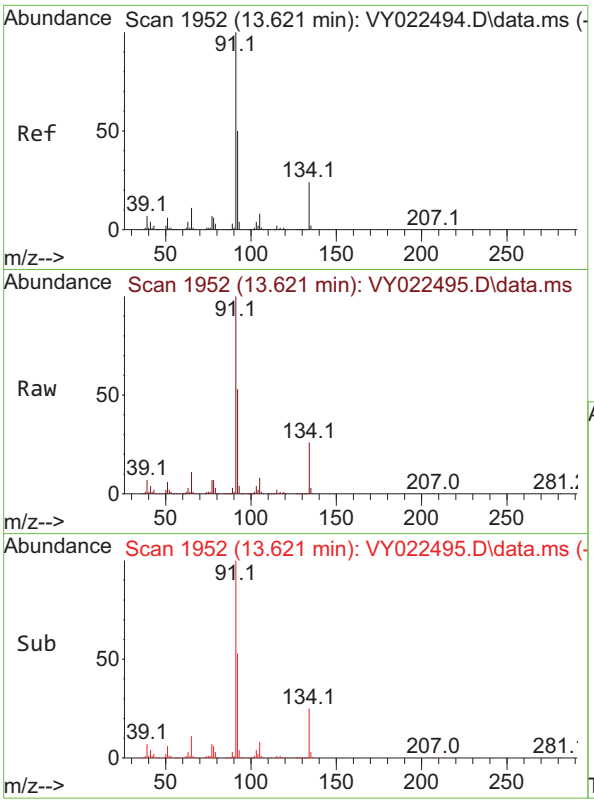
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 100.757 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:146 Resp: 503842

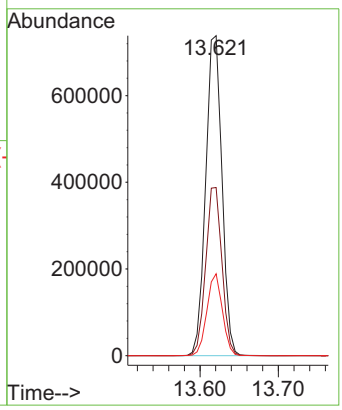
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	64.7	31.6	94.8



#89
n-Butylbenzene
Concen: 103.713 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 106259

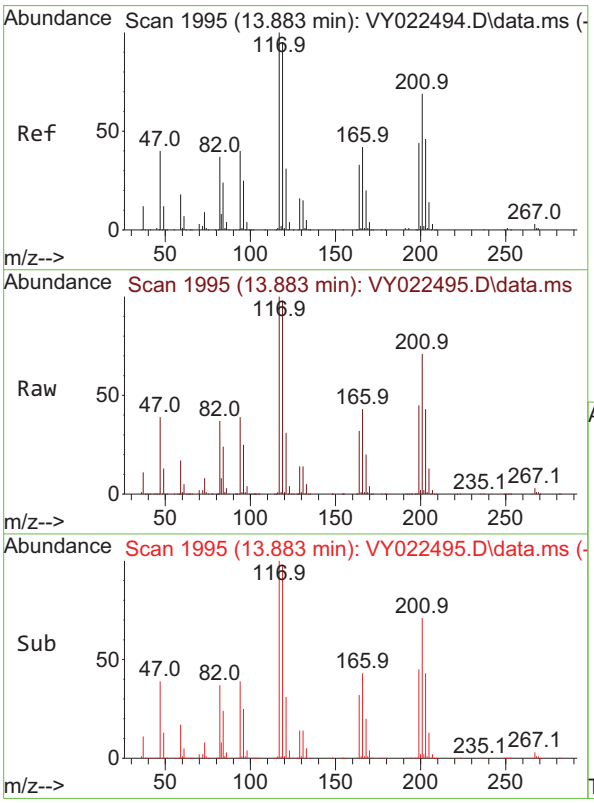
Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	24.4	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

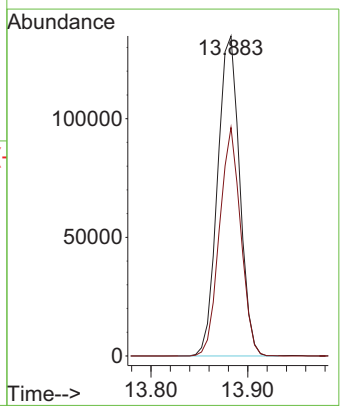
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

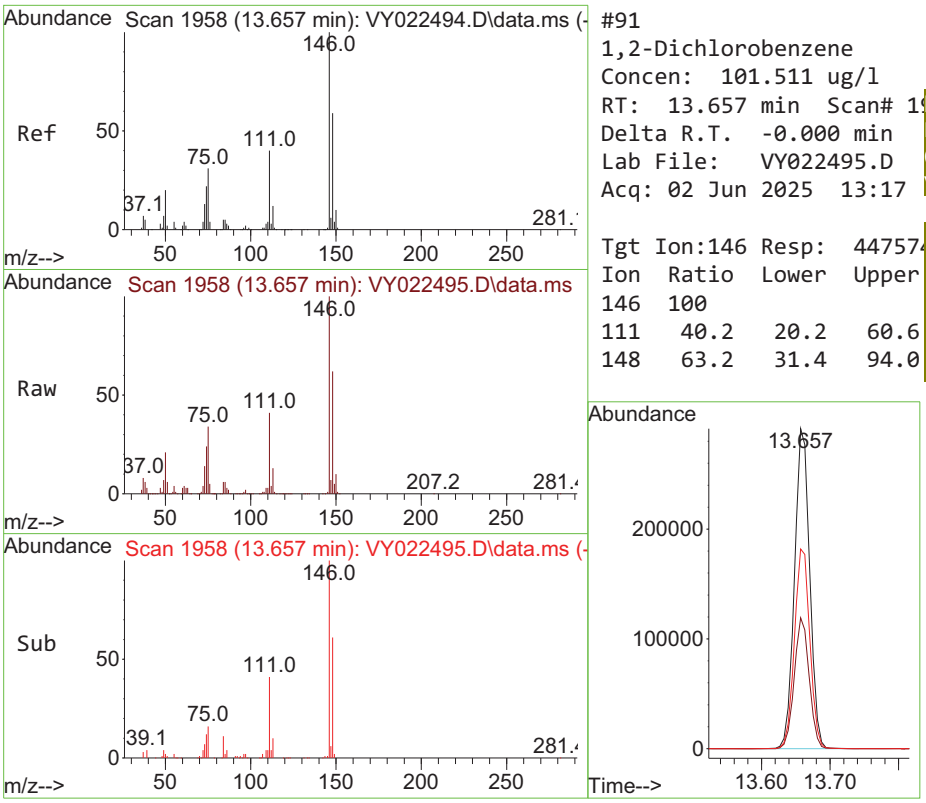


#90
Hexachloroethane
Concen: 101.224 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 213148

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0





#91
1,2-Dichlorobenzene
Concen: 101.511 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

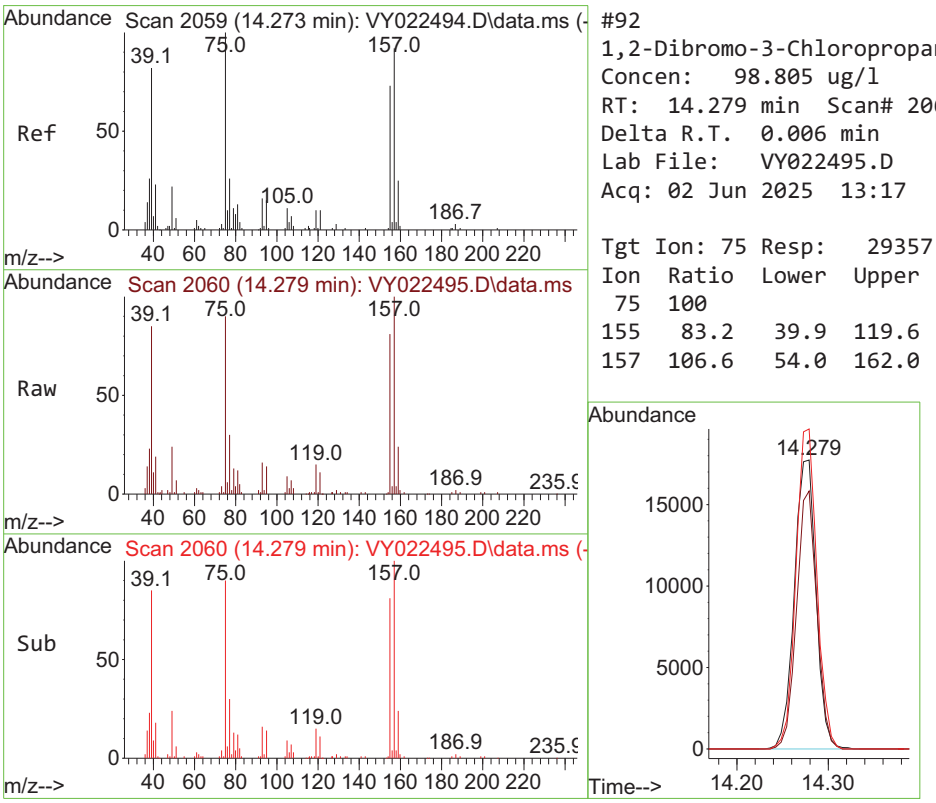
Tgt Ion:146 Resp: 44757

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.2	31.4	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

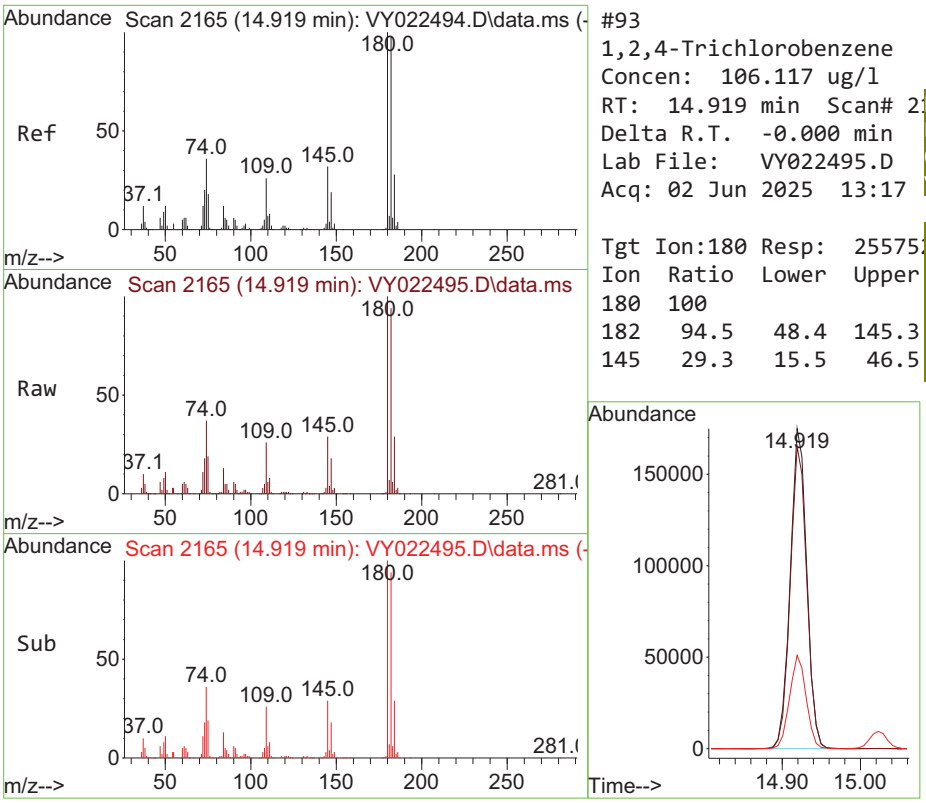
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 98.805 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 29357

Ion	Ratio	Lower	Upper
75	100		
155	83.2	39.9	119.6
157	106.6	54.0	162.0



#93
1,2,4-Trichlorobenzene
Concen: 106.117 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

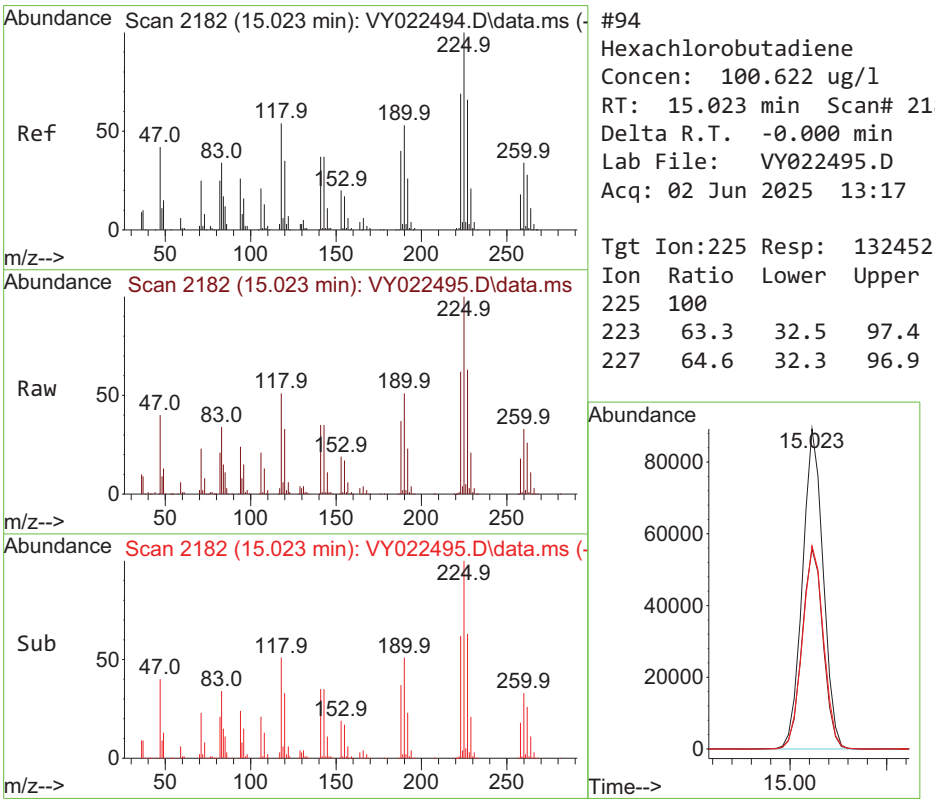
Tgt Ion:180 Resp: 25575

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.3
145	29.3	15.5	46.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

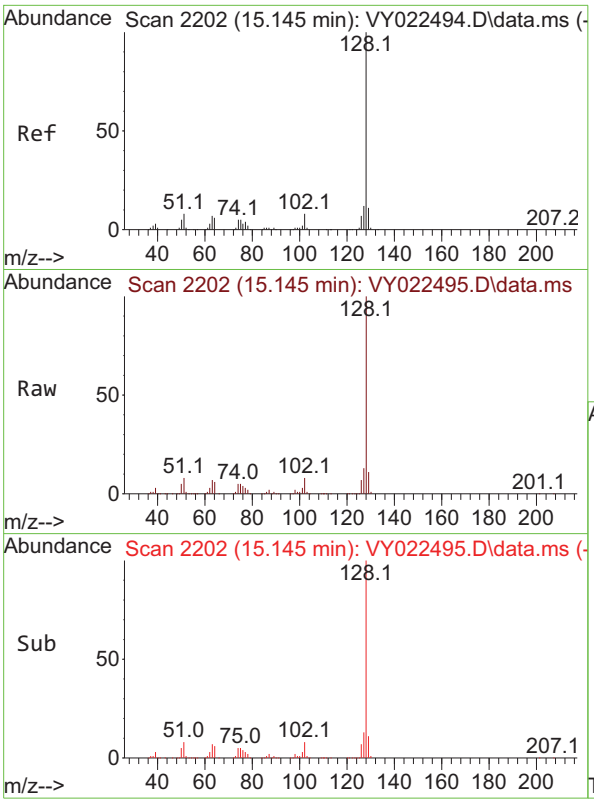
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#94
Hexachlorobutadiene
Concen: 100.622 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:225 Resp: 132452

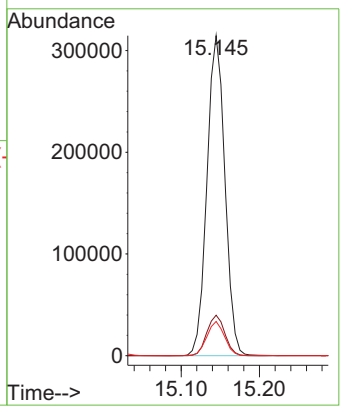
Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	64.6	32.3	96.9



#95
Naphthalene
Concen: 108.155 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:128 Resp: 49955

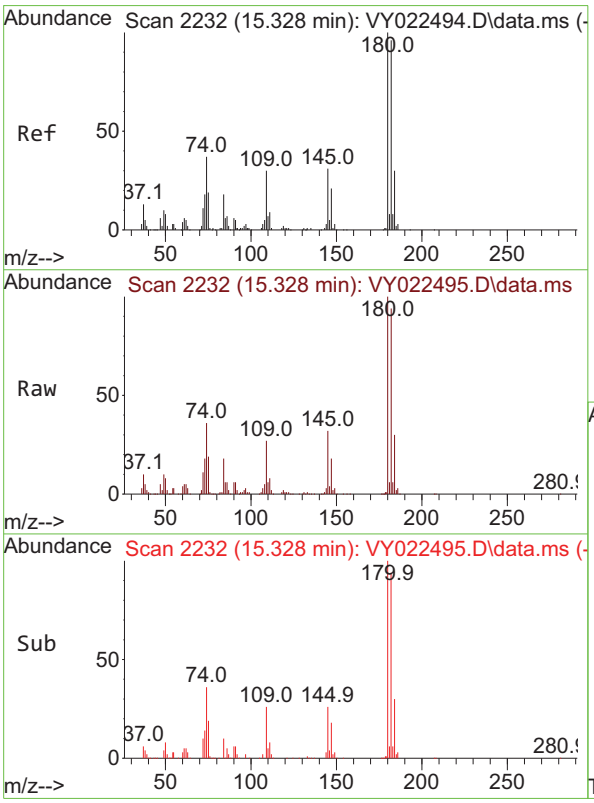
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.6	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

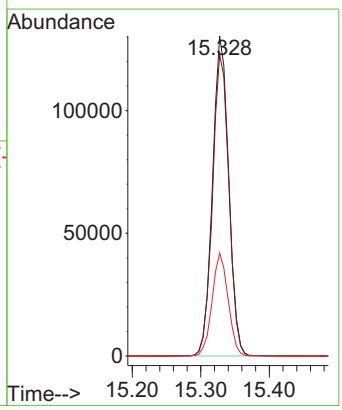
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 104.136 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:180 Resp: 213300

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.7	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	377706	154.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.160%#			
35) Dibromofluoromethane	7.634	113	348038	160.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.320%#			
50) Toluene-d8	10.109	98	1432587	163.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 327.240%#			
62) 4-Bromofluorobenzene	12.408	95	426573	160.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 321.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	273817	139.086	ug/l	96
3) Chloromethane	2.068	50	800733	137.873	ug/l	99
4) Vinyl Chloride	2.202	62	967746	142.366	ug/l	99
5) Bromomethane	2.586	94	970833	150.991	ug/l	99
6) Chloroethane	2.733	64	651603	140.013	ug/l	95
7) Trichlorofluoromethane	3.050	101	885391	153.303	ug/l	98
8) Diethyl Ether	3.458	74	191391	150.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	360800	148.929	ug/l	100
10) Methyl Iodide	4.007	142	416014	160.129	ug/l	100
11) Tert butyl alcohol	4.879	59	128018	731.071	ug/l	100
12) 1,1-Dichloroethene	3.793	96	353193	152.730	ug/l	98
13) Acrolein	3.653	56	156417	731.778	ug/l	100
14) Allyl chloride	4.385	41	551896	153.152	ug/l	100
15) Acrylonitrile	5.061	53	406745	749.634	ug/l	99
16) Acetone	3.879	43	311886	643.577	ug/l	95
17) Carbon Disulfide	4.104	76	1126077	152.513	ug/l	99
18) Methyl Acetate	4.391	43	203507	139.589	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	988071	153.134	ug/l	99
20) Methylene Chloride	4.616	84	371818	137.416	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	399937	154.808	ug/l	99
22) Diisopropyl ether	6.025	45	1244804	155.346	ug/l	99
23) Vinyl Acetate	5.964	43	3806024	800.629	ug/l	100
24) 1,1-Dichloroethane	5.921	63	730276	154.173	ug/l	100
25) 2-Butanone	6.896	43	530692	742.386	ug/l	99
26) 2,2-Dichloropropane	6.890	77	664024	157.698	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	466804	156.334	ug/l	98
28) Bromochloromethane	7.250	49	320509	156.605	ug/l	100
29) Tetrahydrofuran	7.268	42	342435	742.566	ug/l	100
30) Chloroform	7.421	83	717477	153.285	ug/l	94
31) Cyclohexane	7.701	56	667836	140.095	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	660456	157.892	ug/l	99
36) 1,1-Dichloropropene	7.841	75	562935	160.756	ug/l	100
37) Ethyl Acetate	6.988	43	238966	155.059	ug/l	98
38) Carbon Tetrachloride	7.823	117	593167	164.311	ug/l	99
39) Methylcyclohexane	9.109	83	770382	162.851	ug/l	100
40) Benzene	8.085	78	1675603	162.332	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.220	41	136495	137.523 ug/l		98
42) 1,2-Dichloroethane	8.158	62	442216	157.491 ug/l		98
43) Isopropyl Acetate	8.201	43	522842	155.250 ug/l		98
44) Trichloroethene	8.866	130	394832	156.583 ug/l		97
45) 1,2-Dichloropropane	9.140	63	385206	156.539 ug/l		99
46) Dibromomethane	9.231	93	218014	158.140 ug/l		100
47) Bromodichloromethane	9.426	83	560425	160.221 ug/l		97
48) Methyl methacrylate	9.225	41	252724	163.897 ug/l		99
49) 1,4-Dioxane	9.231	88	50874	3093.301 ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	1358512	812.744 ug/l		98
52) Toluene	10.170	92	1093200	168.447 ug/l		99
53) t-1,3-Dichloropropene	10.396	75	537922	166.237 ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	615667	162.259 ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	274460	158.086 ug/l		97
56) Ethyl methacrylate	10.438	69	423233	167.865 ug/l		99
57) 1,3-Dichloropropane	10.719	76	488570	158.010 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1000760	890.345 ug/l		100
59) 2-Hexanone	10.762	43	896627	804.699 ug/l		100
60) Dibromochloromethane	10.914	129	356873	162.227 ug/l		100
61) 1,2-Dibromoethane	11.018	107	254128	158.625 ug/l		96
64) Tetrachloroethene	10.646	164	406758	152.453 ug/l		98
65) Chlorobenzene	11.444	112	1113347	163.544 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	395046	171.190 ug/l		99
67) Ethyl Benzene	11.518	91	2196819	173.285 ug/l		100
68) m/p-Xylenes	11.627	106	1694177	353.103 ug/l		100
69) o-Xylene	11.957	106	777688	173.188 ug/l		99
70) Styrene	11.969	104	1334986	179.564 ug/l		99
71) Bromoform	12.133	173	201469	166.138 ug/l	#	99
73) Isopropylbenzene	12.255	105	2011262	166.060 ug/l		100
74) N-amyl acetate	12.072	43	508301	165.957 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	310641	157.927 ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	231729m	116.768 ug/l		
77) Bromobenzene	12.530	156	417122	162.489 ug/l		100
78) n-propylbenzene	12.597	91	2416013	163.876 ug/l		98
79) 2-Chlorotoluene	12.682	91	1275581	163.862 ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1576906	166.511 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	111432	160.989 ug/l		96
82) 4-Chlorotoluene	12.780	91	1334965	165.467 ug/l		99
83) tert-Butylbenzene	12.999	119	1434641	166.064 ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1623289	171.323 ug/l		99
85) sec-Butylbenzene	13.176	105	2140445	163.415 ug/l		100
86) p-Isopropyltoluene	13.292	119	1877539	174.353 ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	885058	172.326 ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	803022	160.470 ug/l		99
89) n-Butylbenzene	13.615	91	1691118	164.939 ug/l		99
90) Hexachloroethane	13.877	117	338845	160.801 ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	705129	159.809 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	44514	149.709 ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	390170	161.773 ug/l		97
94) Hexachlorobutadiene	15.023	225	199423	151.389 ug/l		98
95) Naphthalene	15.145	128	753279	162.970 ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	321960	157.072 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

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

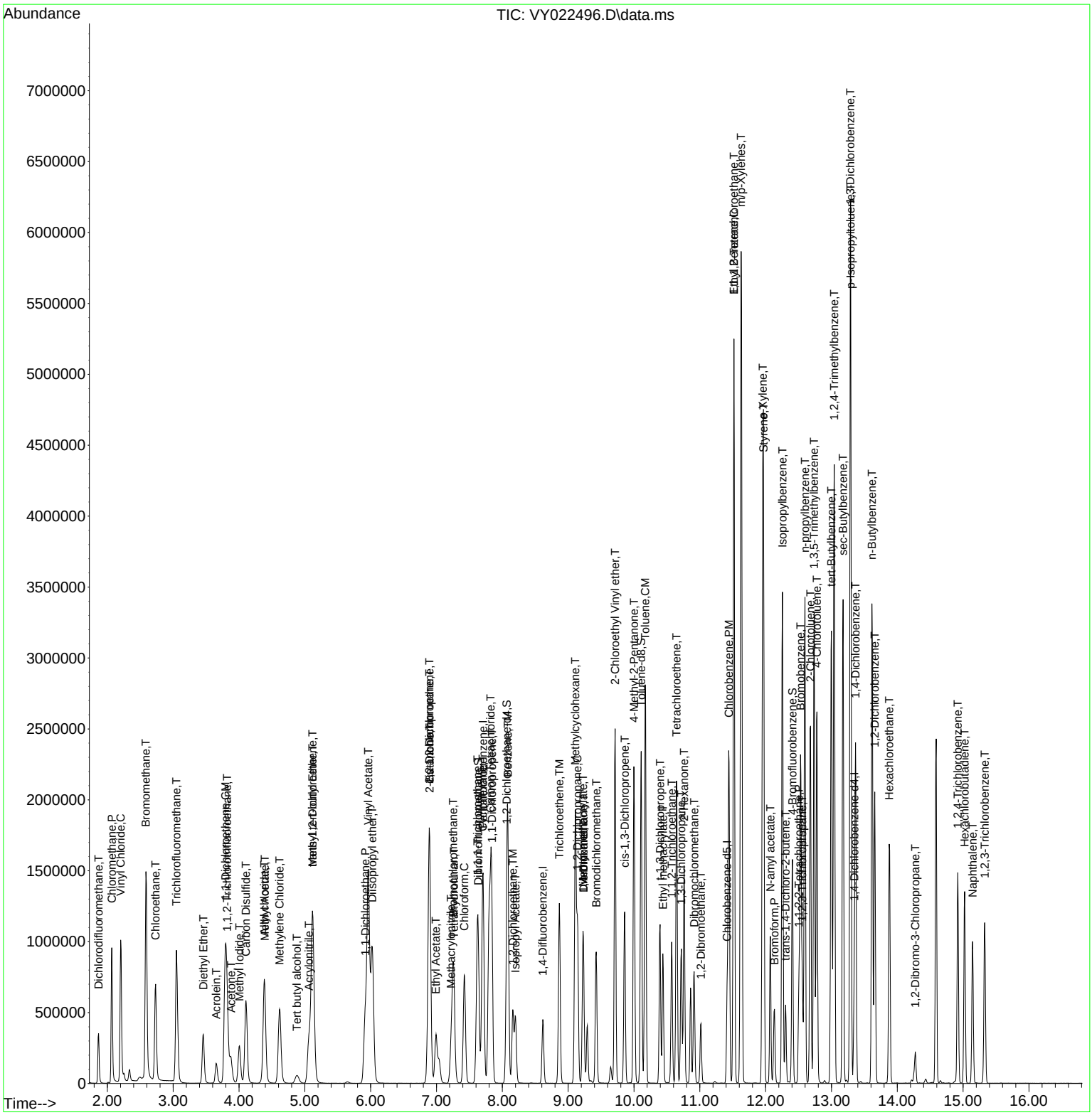
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

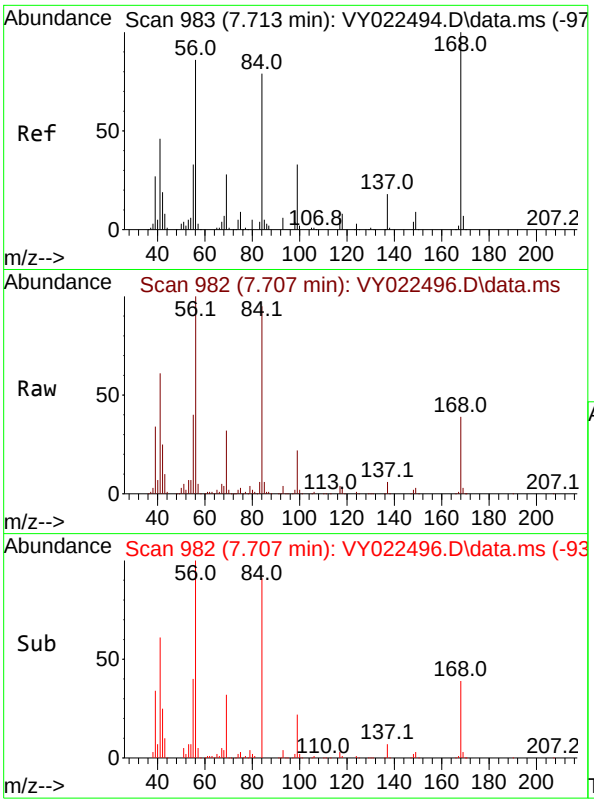
Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

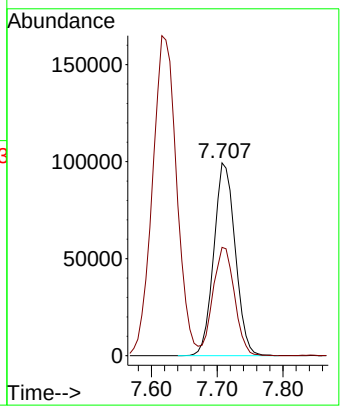




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:168 Resp: 22529

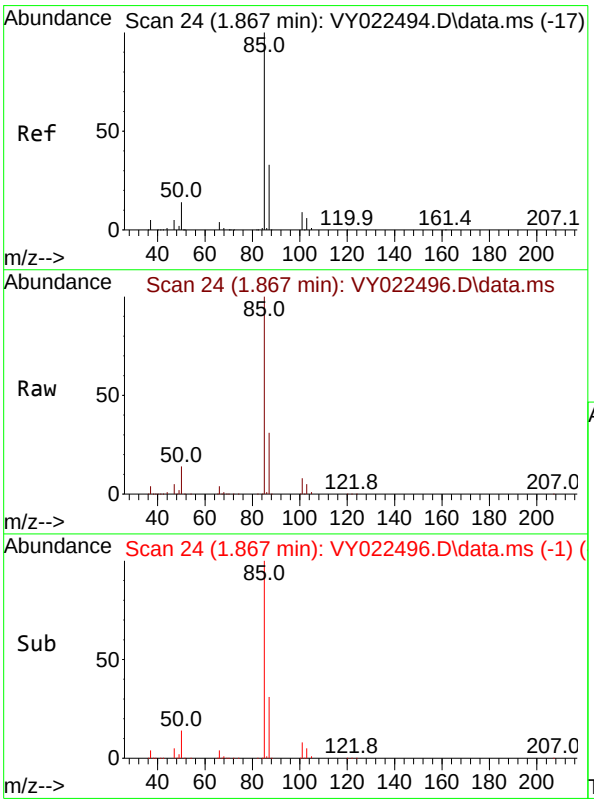
Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

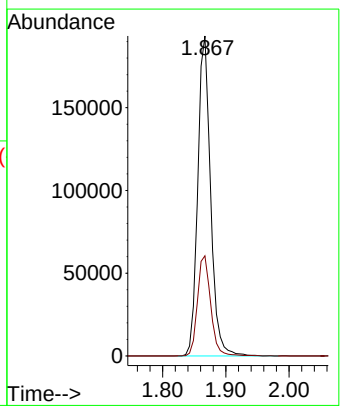
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

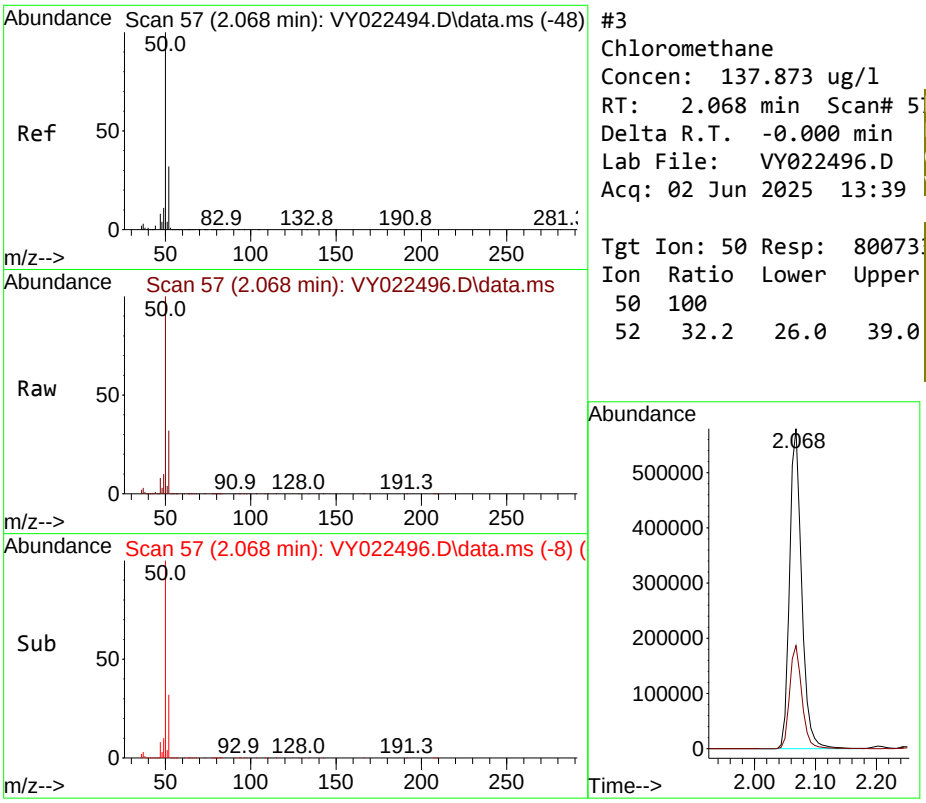


#2
Dichlorodifluoromethane
Concen: 139.086 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 85 Resp: 273817

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.0





#3
Chloromethane
Concen: 137.873 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

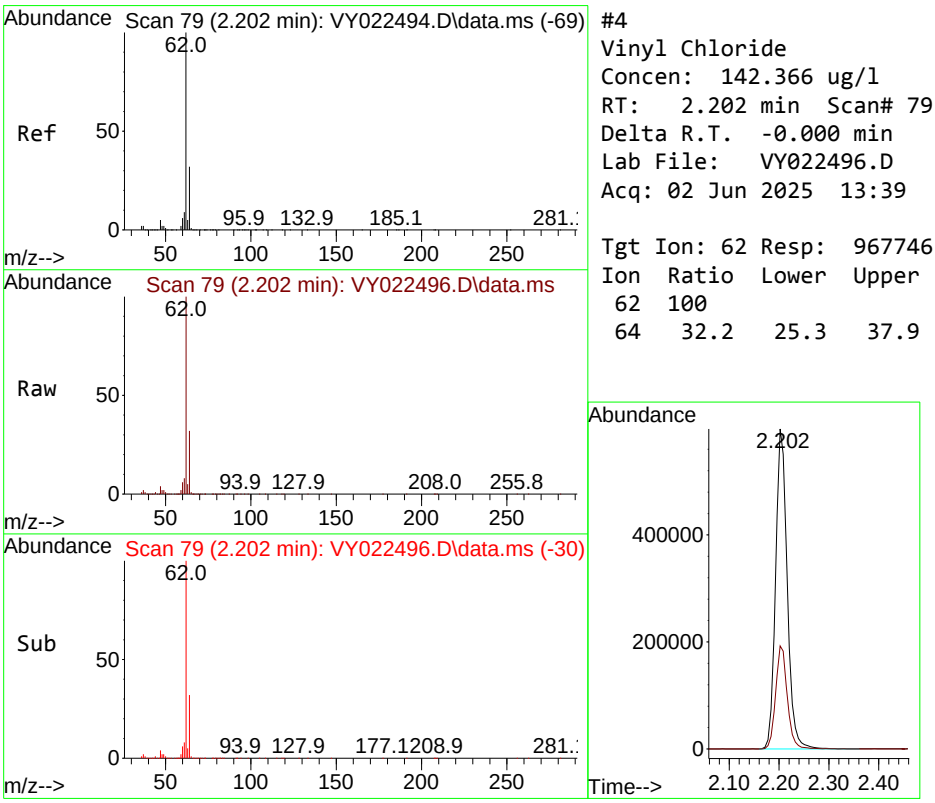
Tgt Ion: 50 Resp: 80073

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

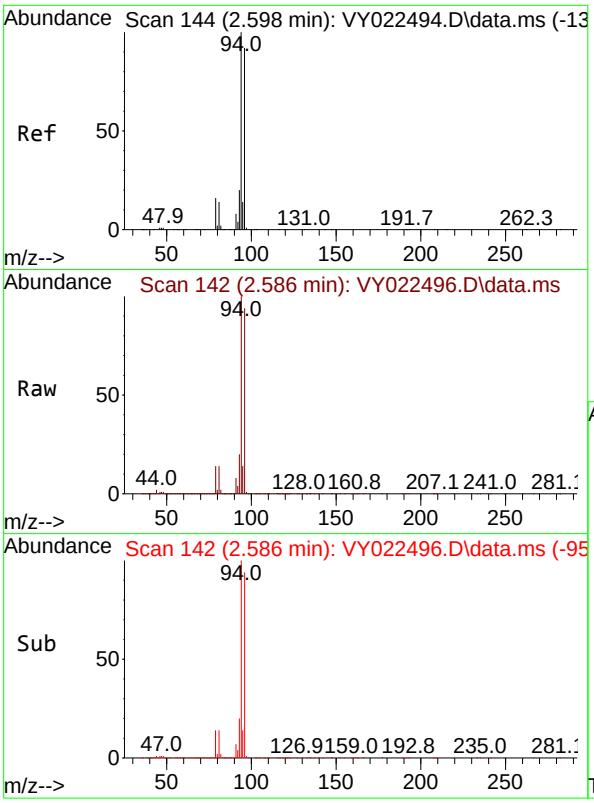
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 967746

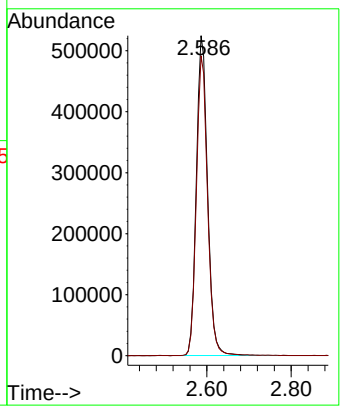
Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.3	37.9



#5
Bromomethane
Concen: 150.991 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 94 Resp: 97083

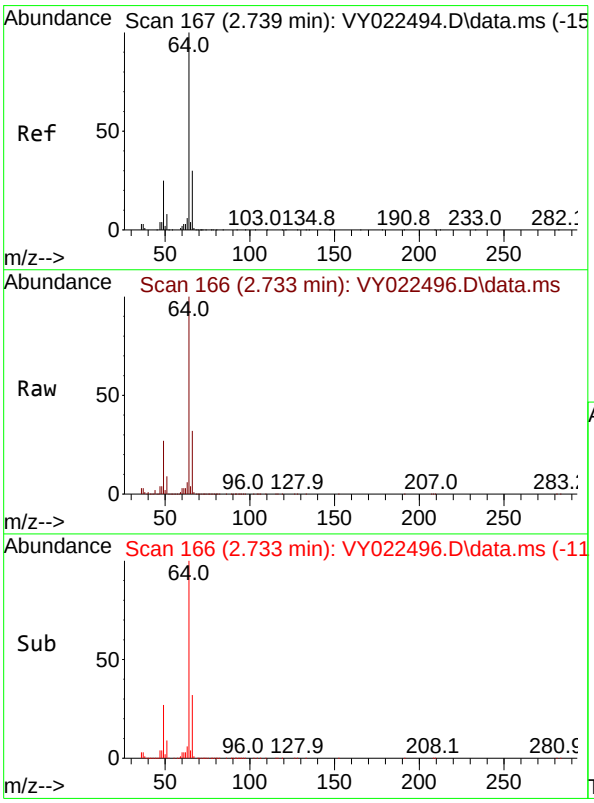
Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

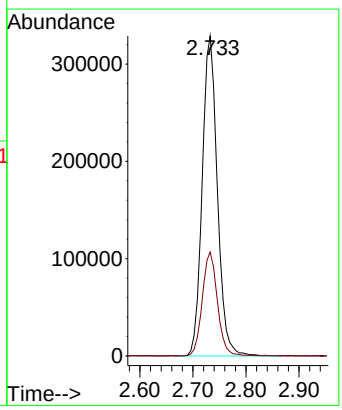
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

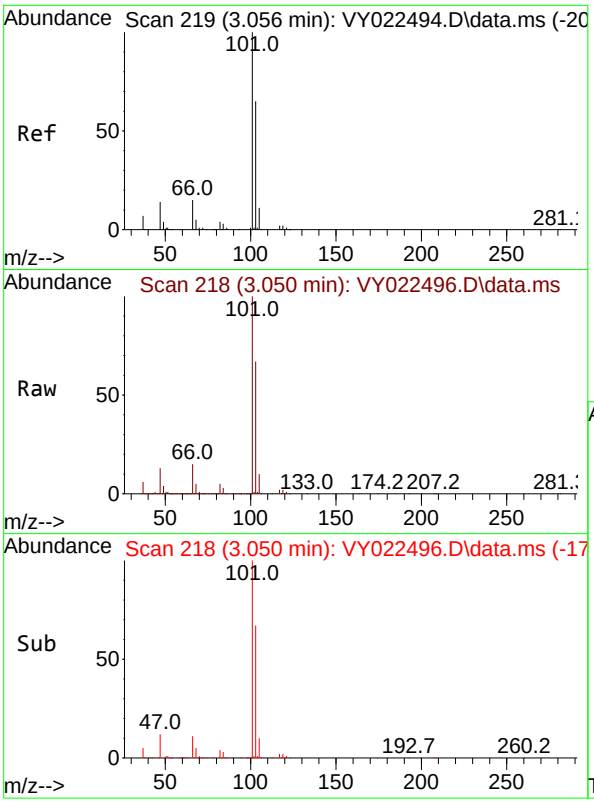


#6
Chloroethane
Concen: 140.013 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 64 Resp: 651603

Ion	Ratio	Lower	Upper
64	100		
66	32.4	23.8	35.6

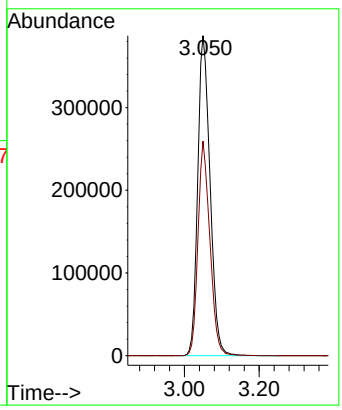




#7
Trichlorofluoromethane
Concen: 153.303 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:101 Resp: 88539

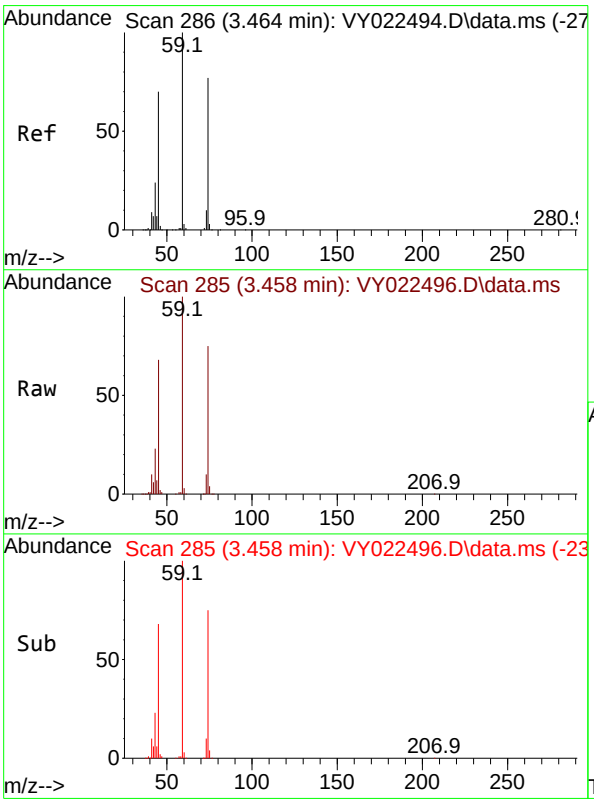
Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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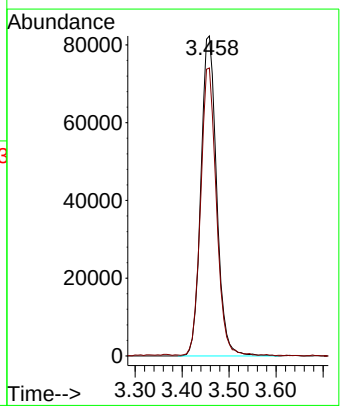
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

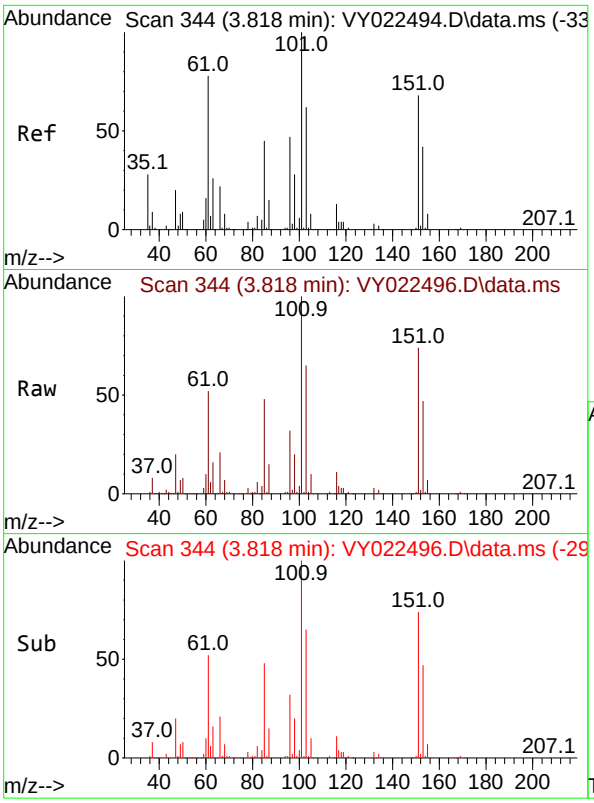


#8
Diethyl Ether
Concen: 150.036 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 74 Resp: 191391

Ion	Ratio	Lower	Upper
74	100		
45	89.8	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.929 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

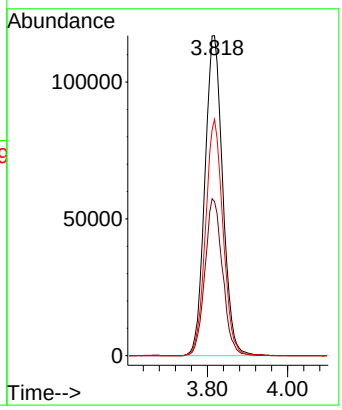
Tgt Ion:101 Resp: 360800

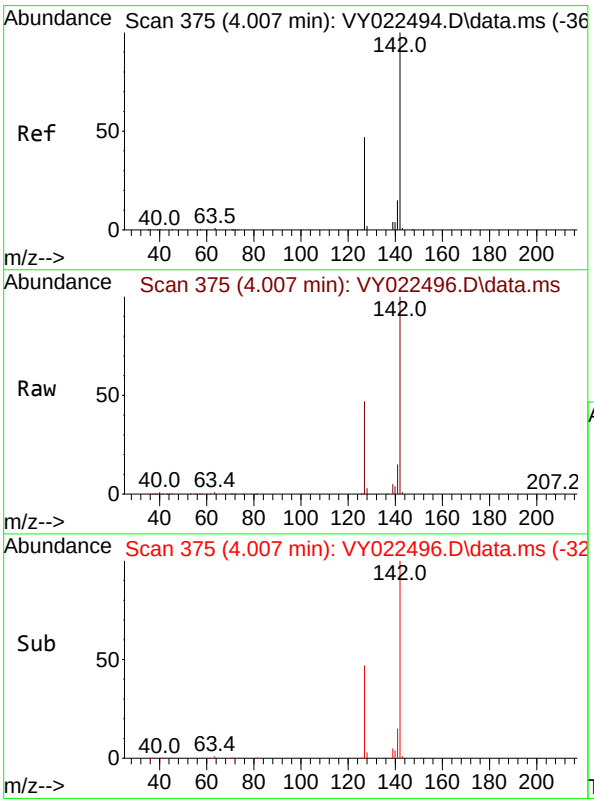
Ion	Ratio	Lower	Upper
101	100		
85	48.7	39.3	58.9
151	72.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

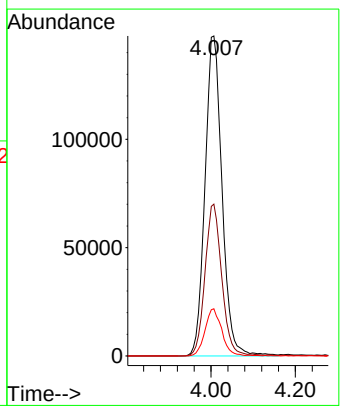


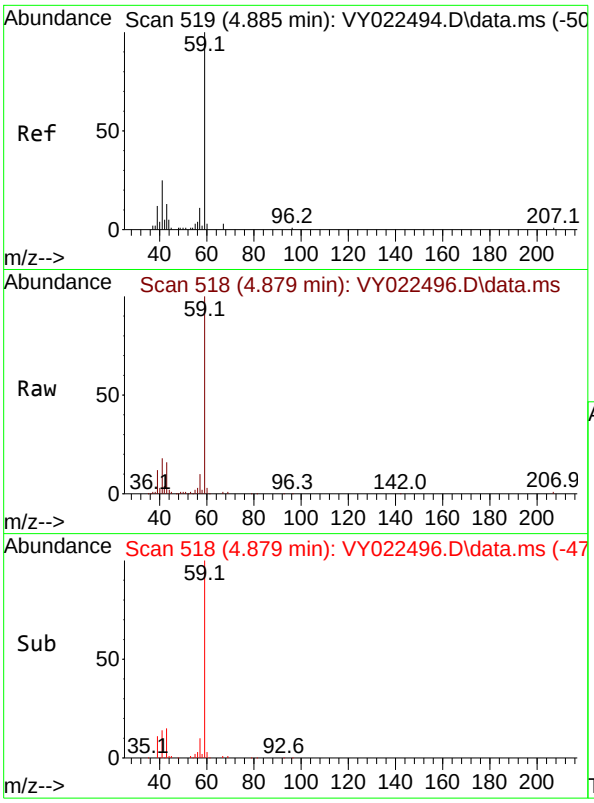


#10
Methyl Iodide
Concen: 160.129 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:142 Resp: 416014

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.6	11.4	17.2

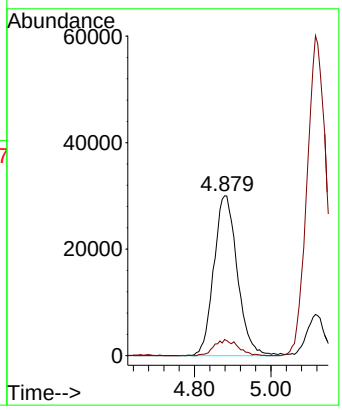




#11
Tert butyl alcohol
Concen: 731.071 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 59 Resp: 12801

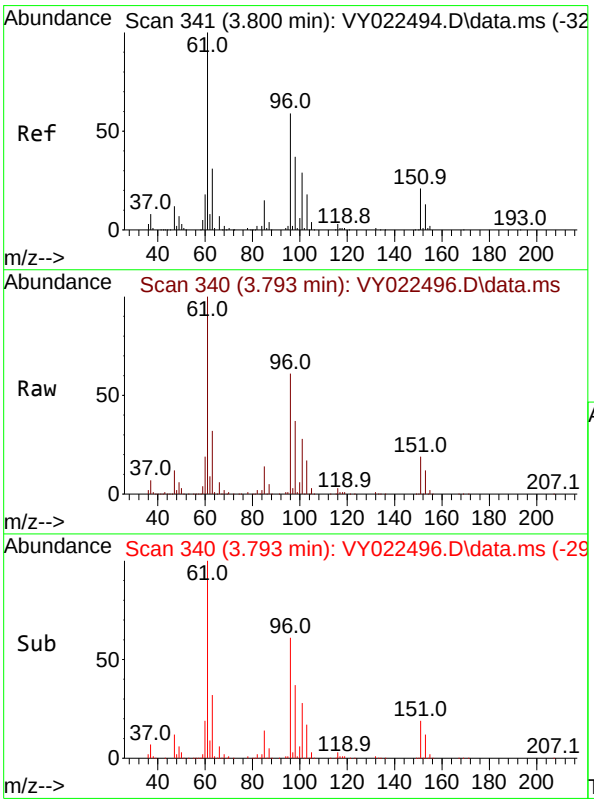
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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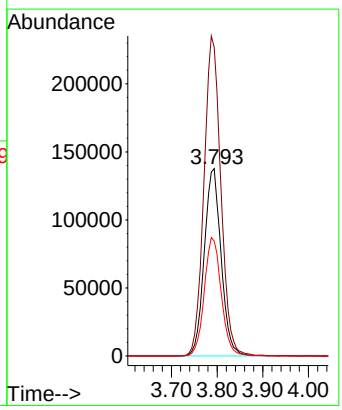
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

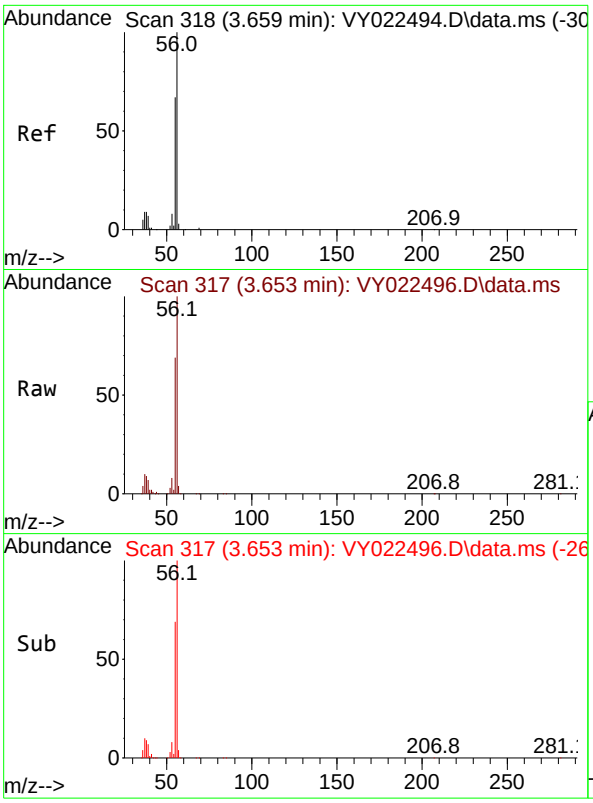


#12
1,1-Dichloroethene
Concen: 152.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 353193

Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.6	201.8
98	61.3	50.2	75.4





#13
Acrolein
Concen: 731.778 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

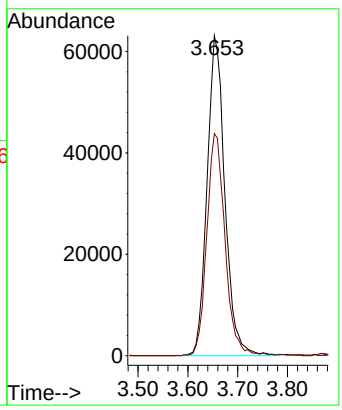
Tgt Ion: 56 Resp: 15641

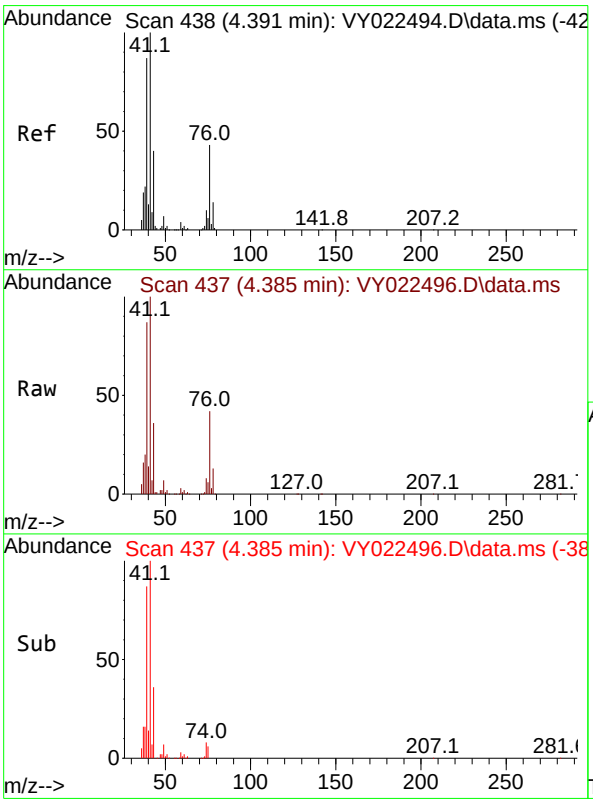
Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.0	85.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

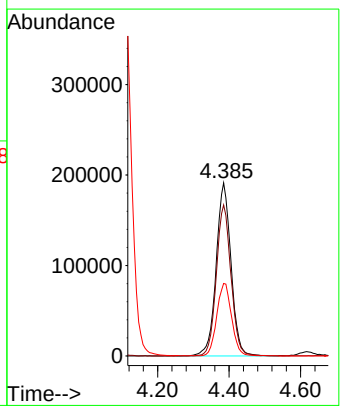


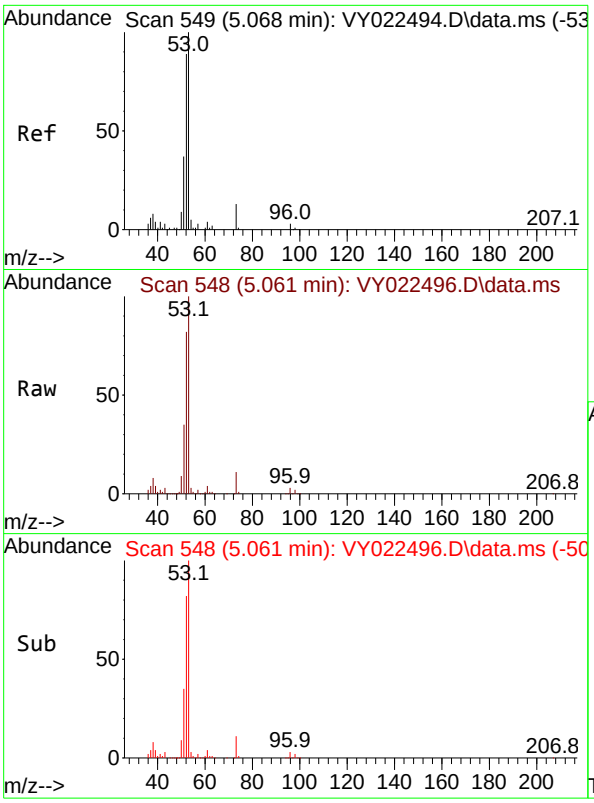


#14
Allyl chloride
Concen: 153.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 551896

Ion	Ratio	Lower	Upper
41	100		
39	86.2	69.1	103.7
76	41.5	33.5	50.3





#15
Acrylonitrile
Concen: 749.634 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

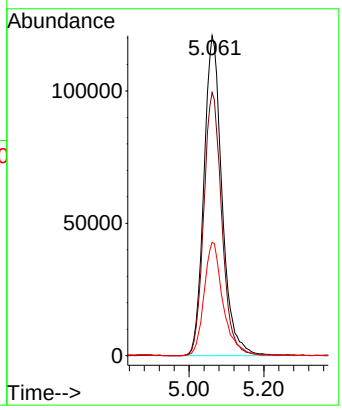
Tgt Ion: 53 Resp: 40674

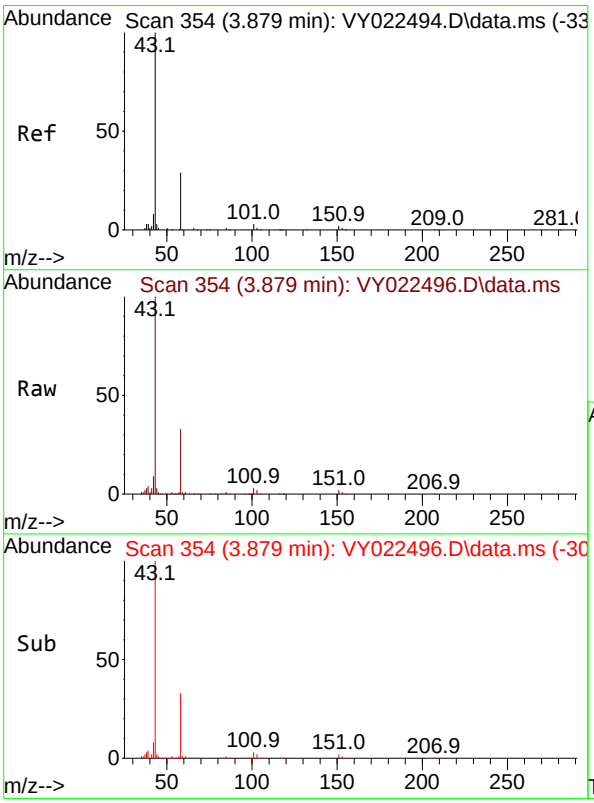
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	37.1	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

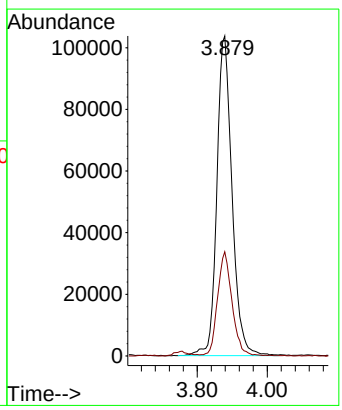


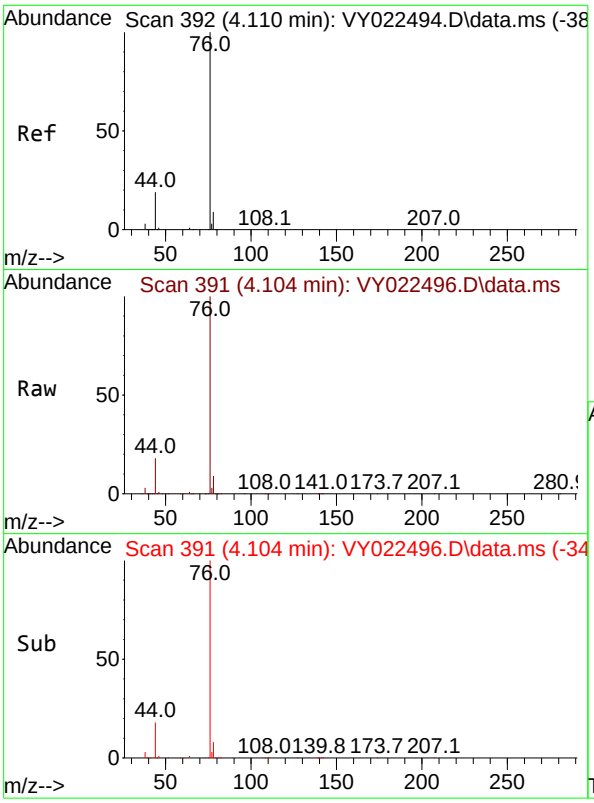


#16
Acetone
Concen: 643.577 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 311886

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.0	36.0





#17
Carbon Disulfide
Concen: 152.513 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

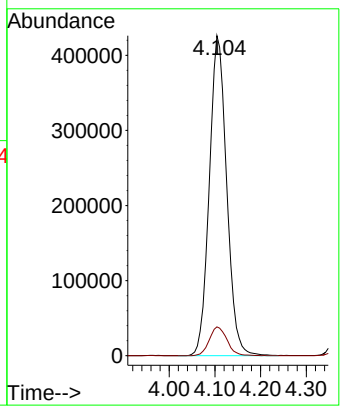
Tgt Ion: 76 Resp: 112607

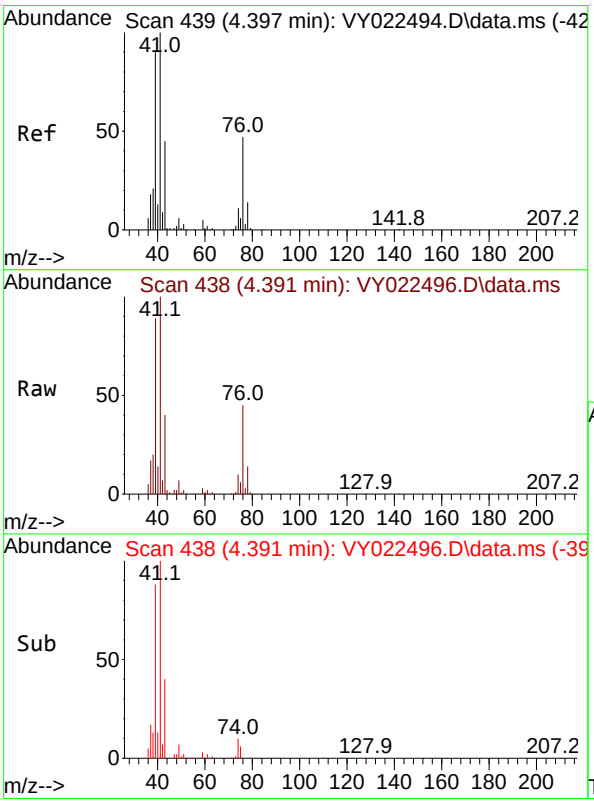
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

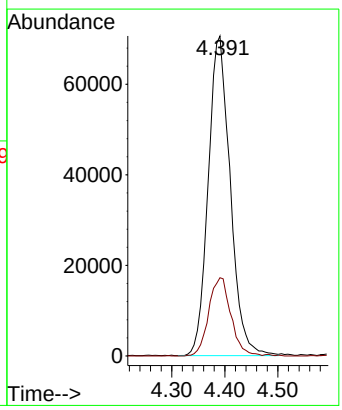


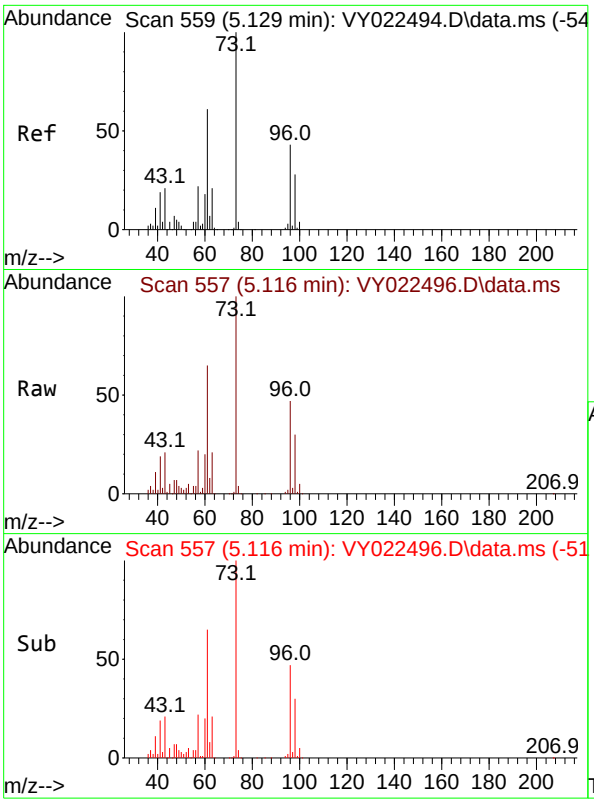


#18
Methyl Acetate
Concen: 139.589 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 203507

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6

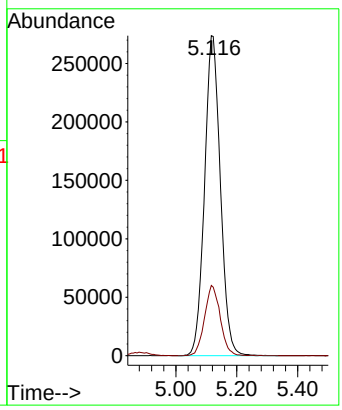




#19
Methyl tert-butyl Ether
Concen: 153.134 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 73 Resp: 98807

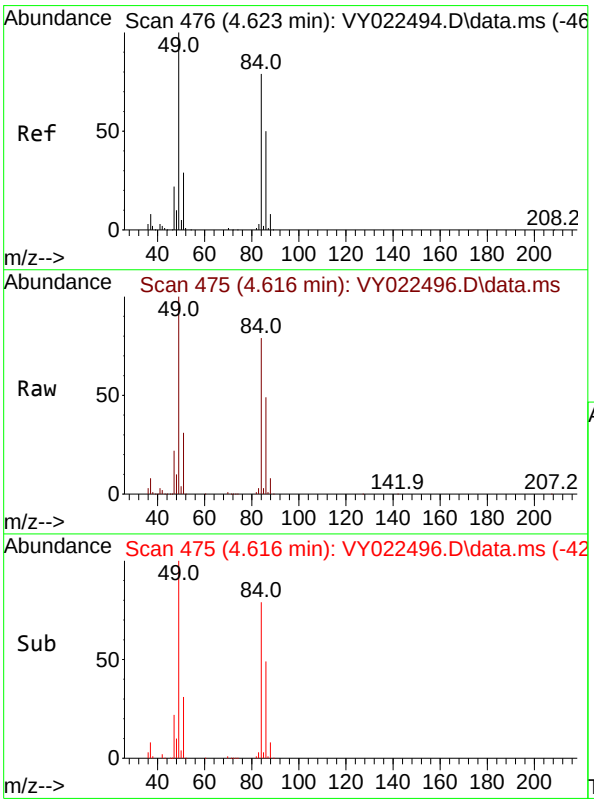
Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

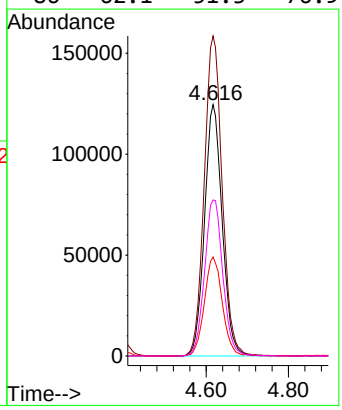
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

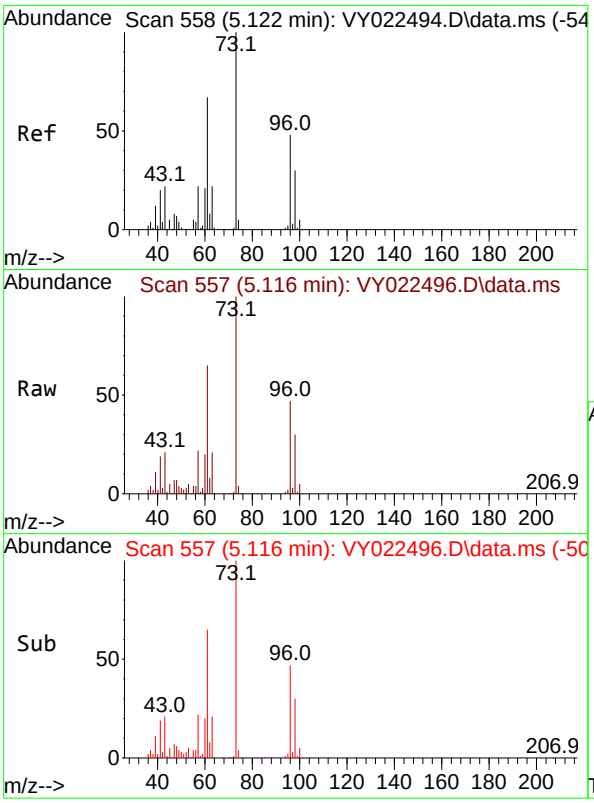


#20
Methylene Chloride
Concen: 137.416 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 84 Resp: 371818

Ion	Ratio	Lower	Upper
84	100		
49	127.3	101.9	152.9
51	39.4	29.8	44.8
86	62.1	51.3	76.9

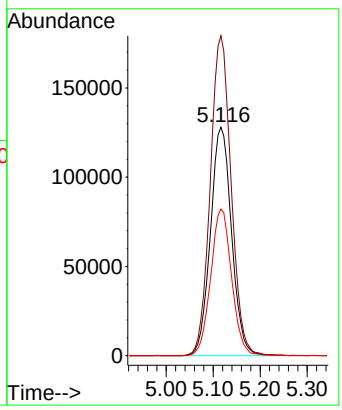




#21
trans-1,2-Dichloroethene
Concen: 154.808 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 39993

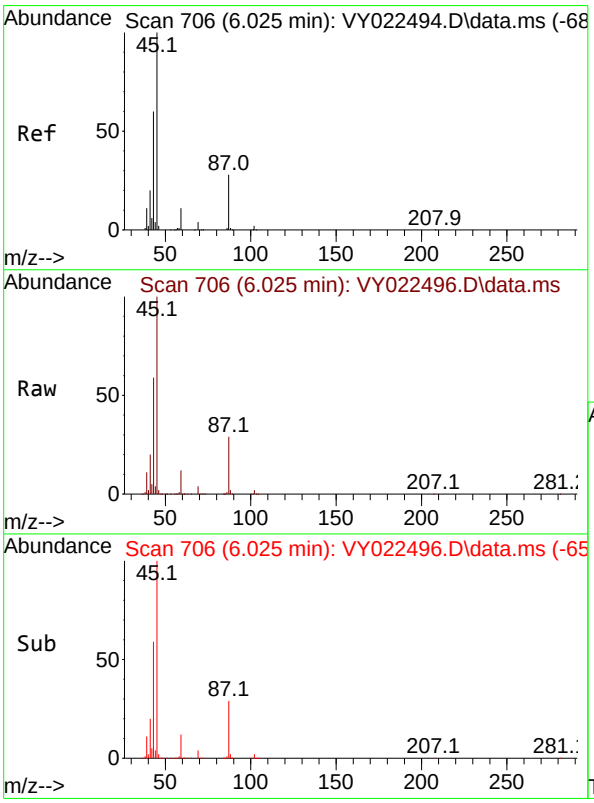
Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.6	169.0
98	64.1	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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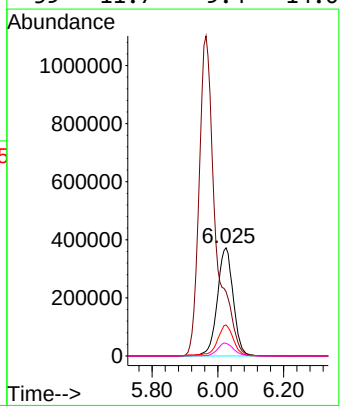
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

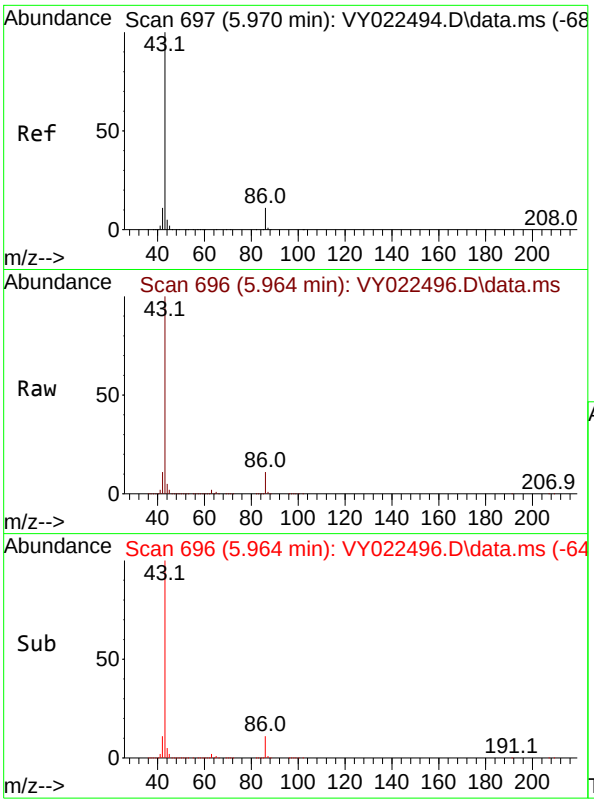


#22
Diisopropyl ether
Concen: 155.346 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 45 Resp: 1244804

Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.3	72.5
87	28.6	23.0	34.6
59	11.7	9.4	14.0

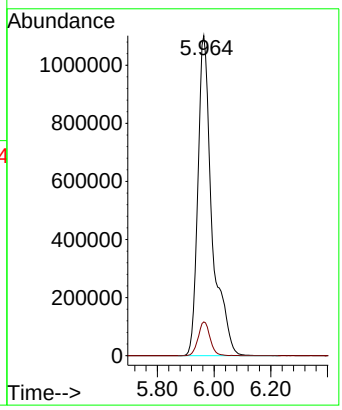




#23
Vinyl Acetate
Concen: 800.629 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 380602

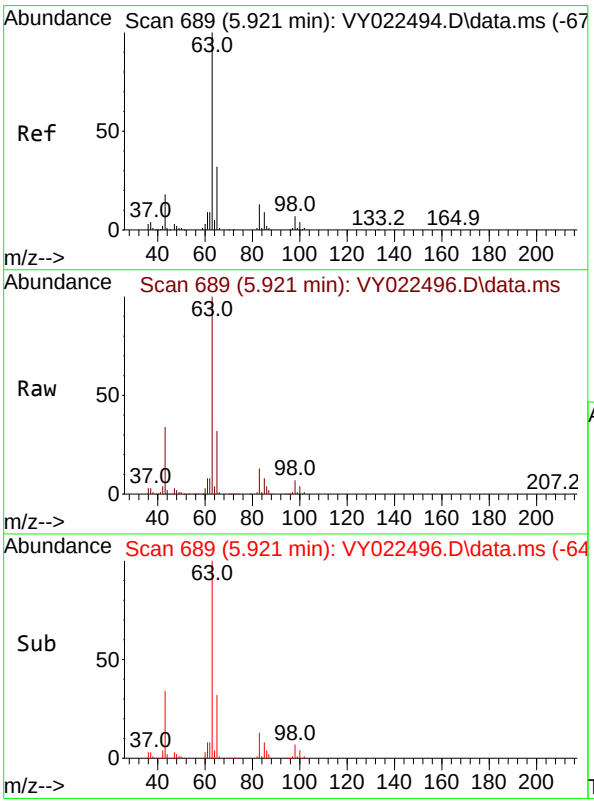
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

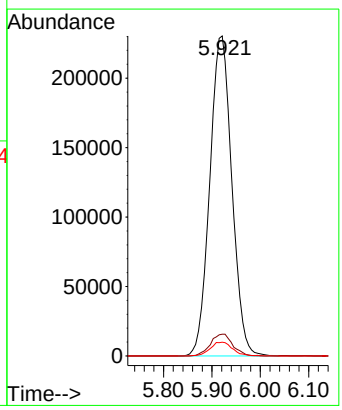
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

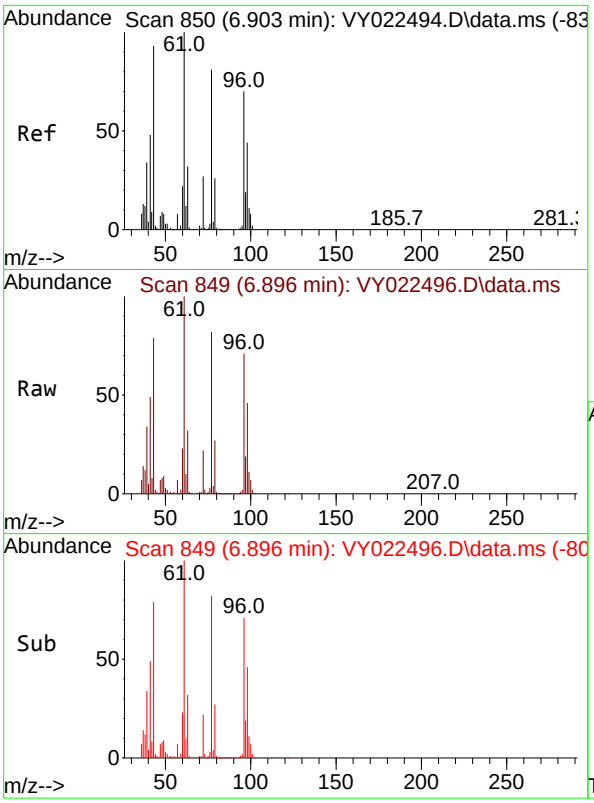


#24
1,1-Dichloroethane
Concen: 154.173 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 730276

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 742.386 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

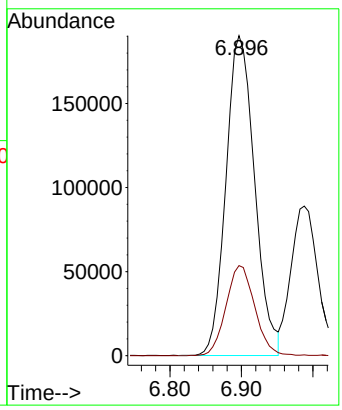
Tgt Ion: 43 Resp: 53069

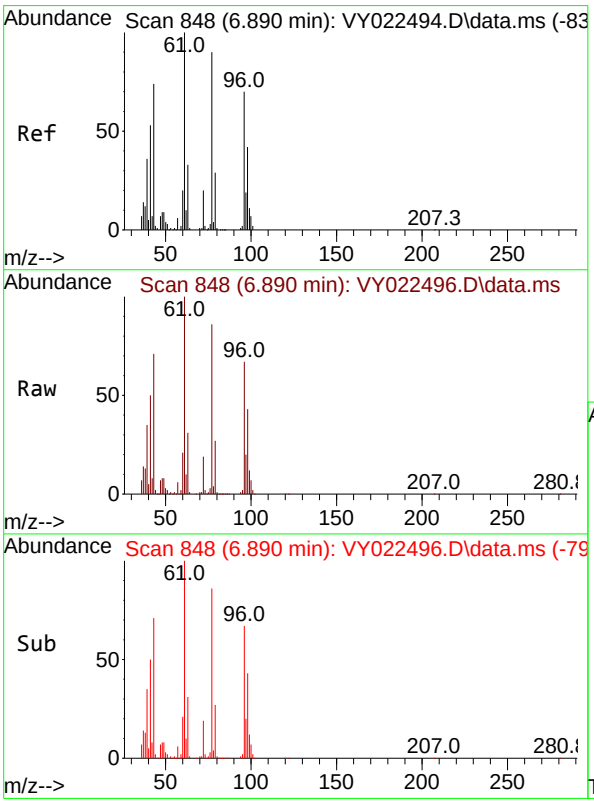
Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

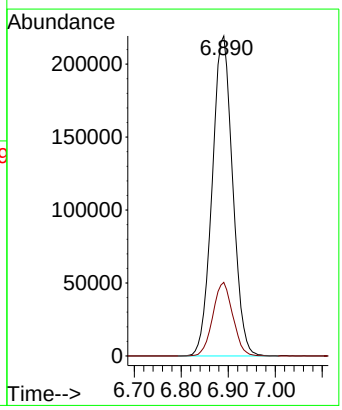


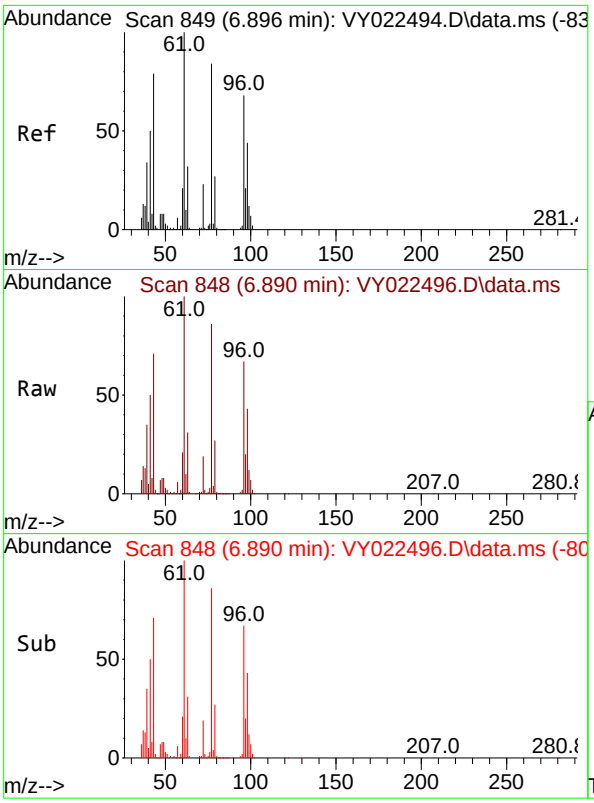


#26
2,2-Dichloropropane
Concen: 157.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 77 Resp: 664024

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2

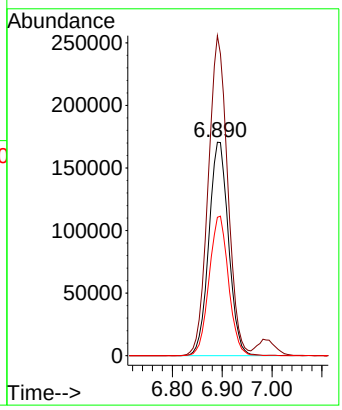




#27
cis-1,2-Dichloroethene
Concen: 156.334 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 46680

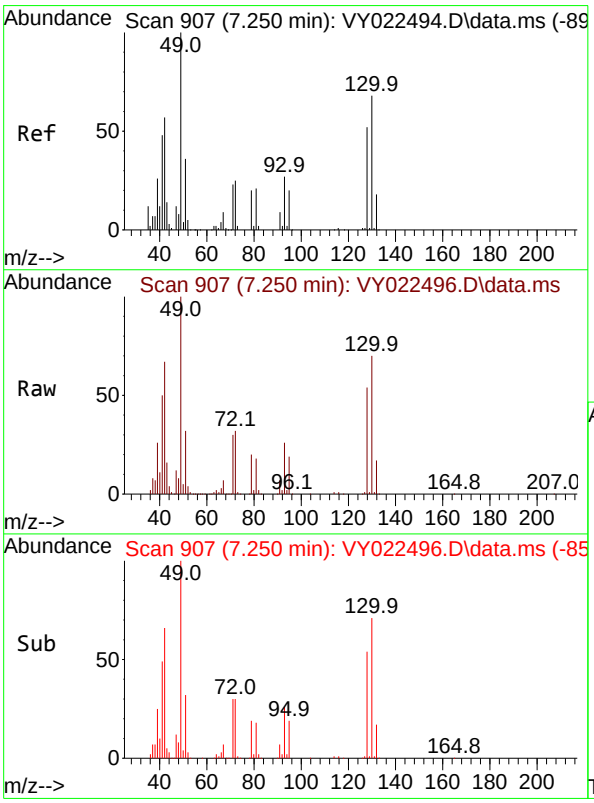
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	290.0
98	64.7	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

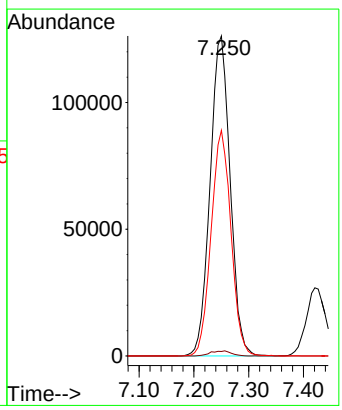
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

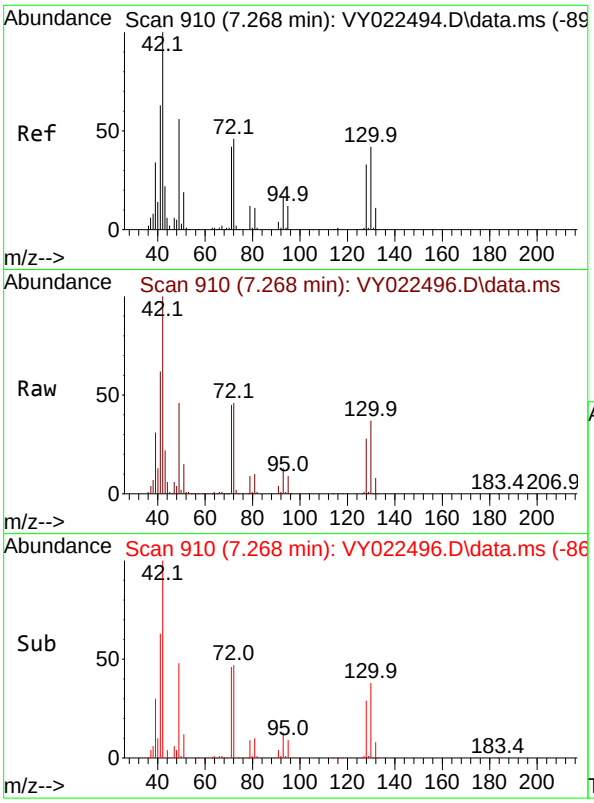


#28
Bromochloromethane
Concen: 156.605 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 49 Resp: 320509

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.8	55.7	83.5

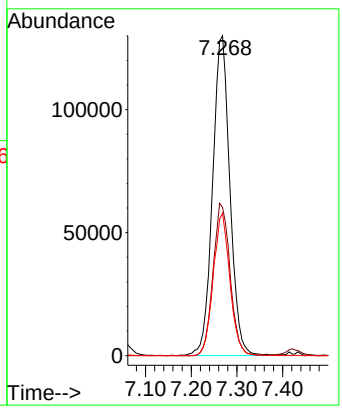




#29
Tetrahydrofuran
Concen: 742.566 ug/l
RT: 7.268 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 42 Resp: 34243

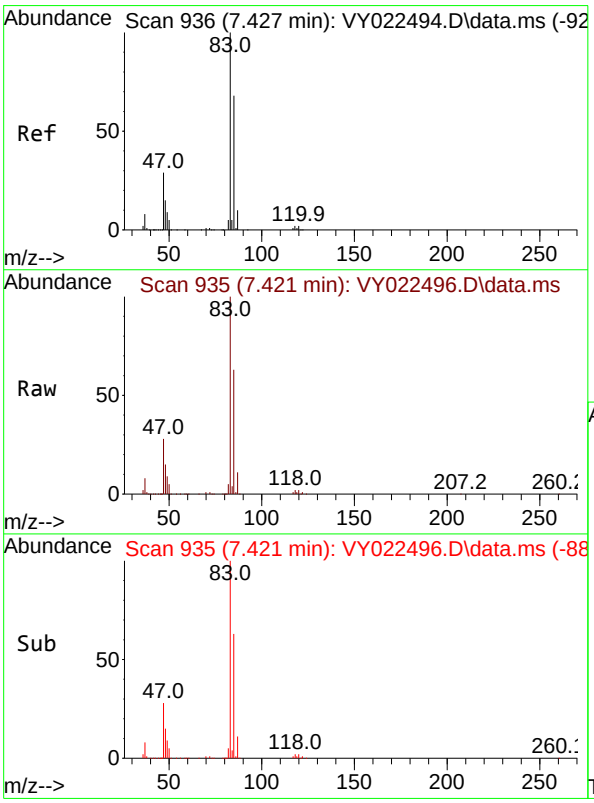
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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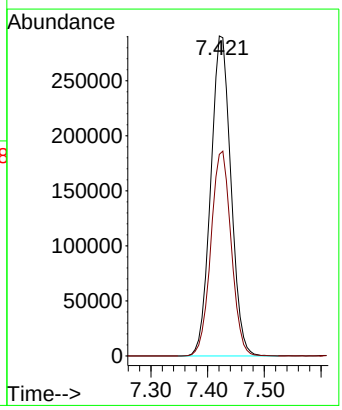
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

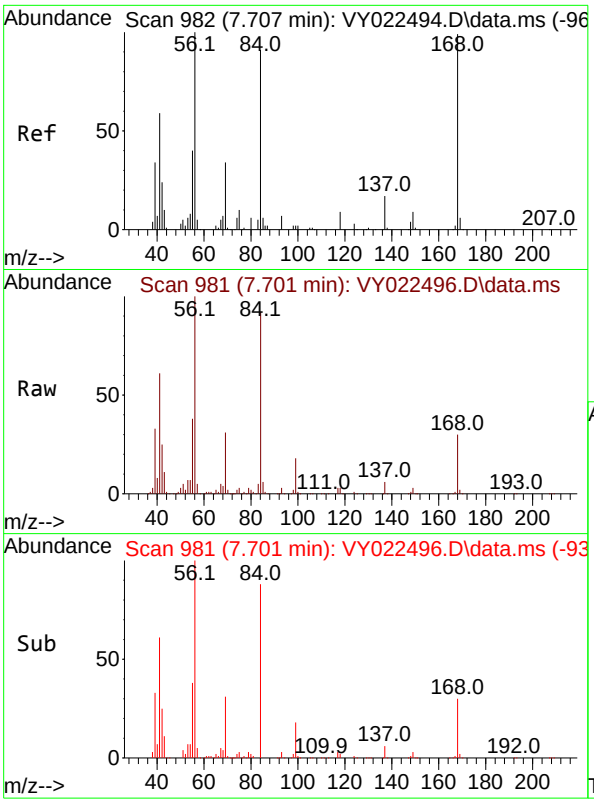


#30
Chloroform
Concen: 153.285 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 717477

Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.4





#31
Cyclohexane
Concen: 140.095 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

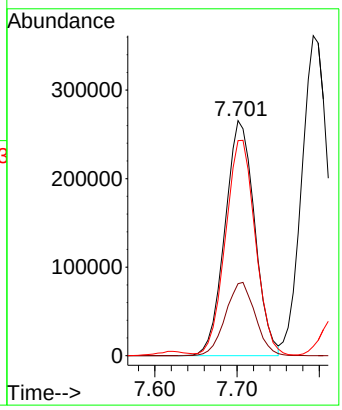
Tgt Ion: 56 Resp: 66783

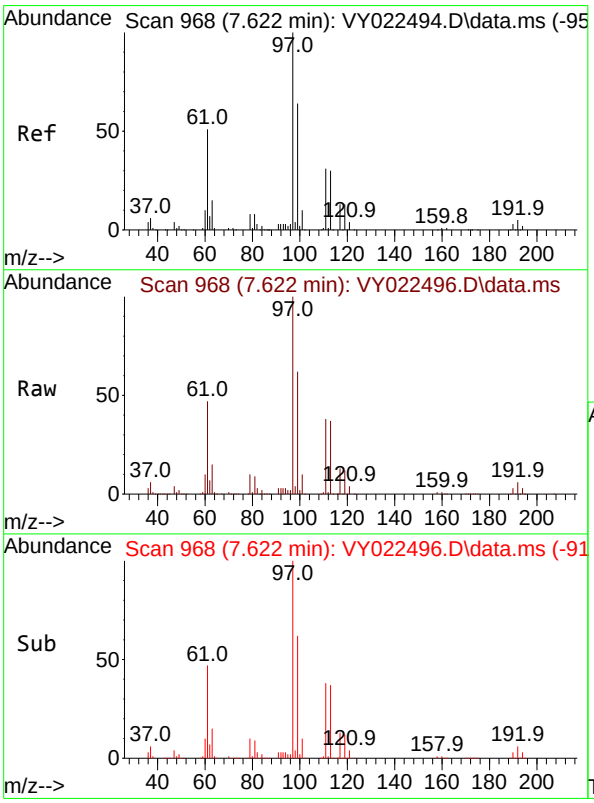
Ion	Ratio	Lower	Upper
56	100		
69	30.6	27.0	40.6
84	89.9	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

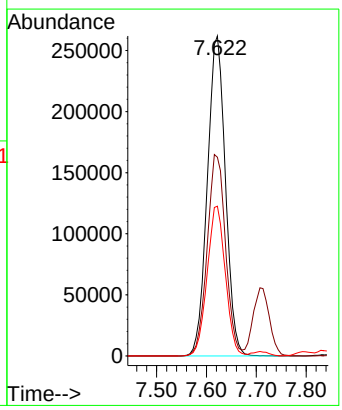


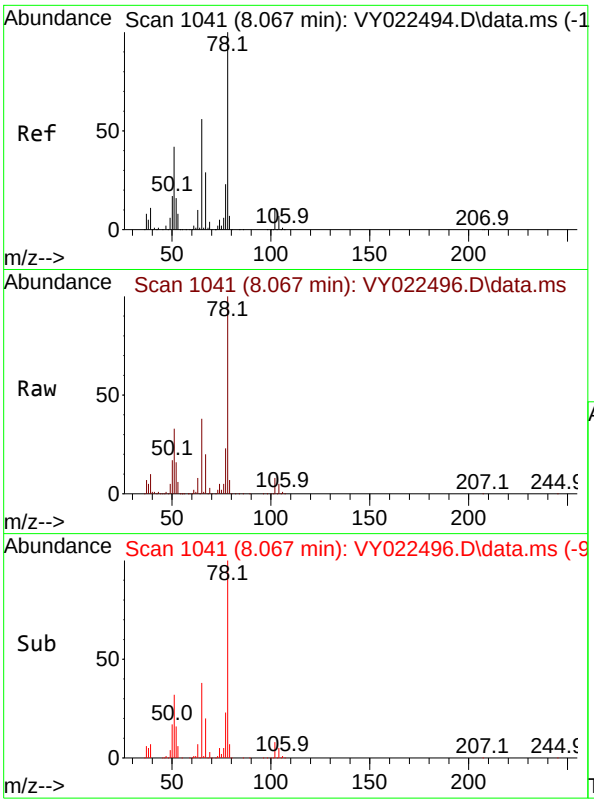


#32
1,1,1-Trichloroethane
Concen: 157.892 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 660456

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	47.2	38.5	57.7

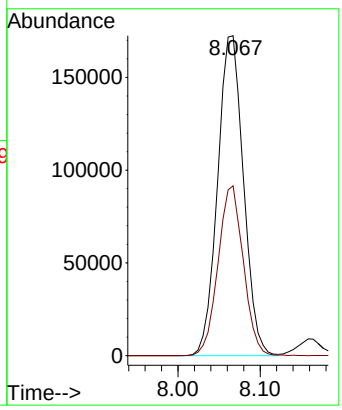




#33
1,2-Dichloroethane-d4
Concen: 154.078 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 65 Resp: 37770

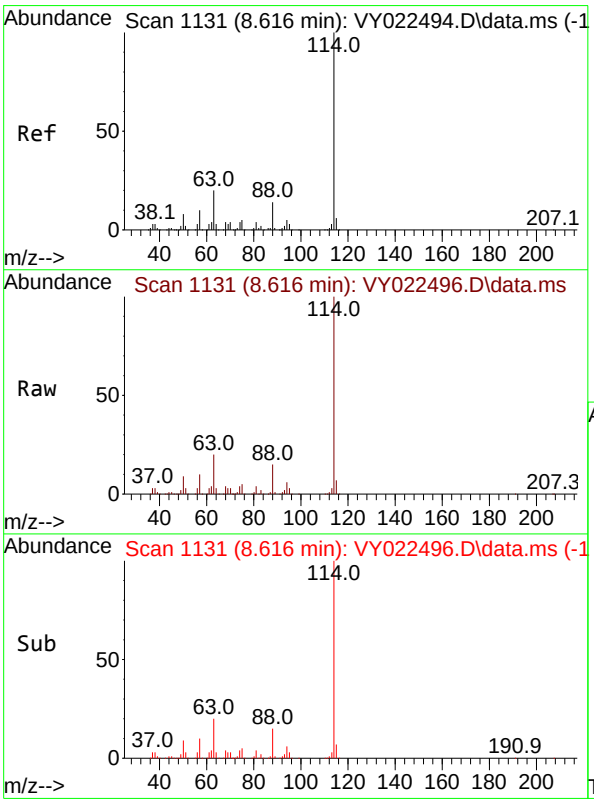
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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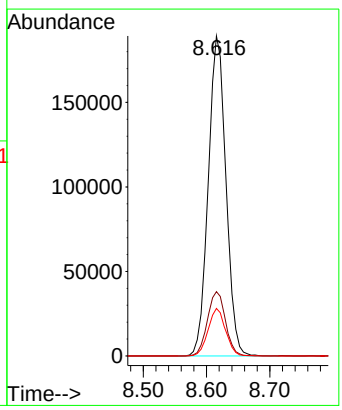
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

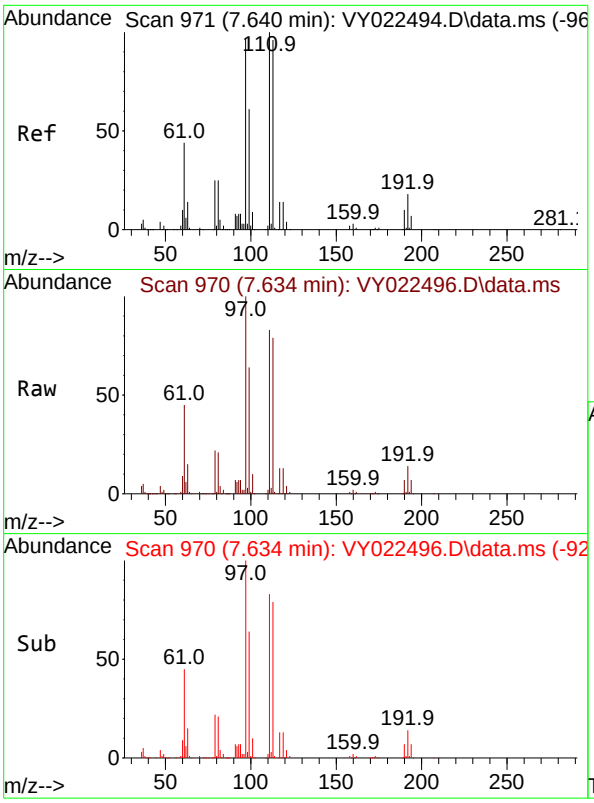


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:114 Resp: 367991

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.8	0.0	27.8

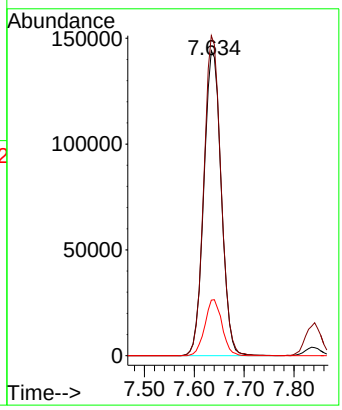




#35
Dibromofluoromethane
Concen: 160.661 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:113 Resp: 34803

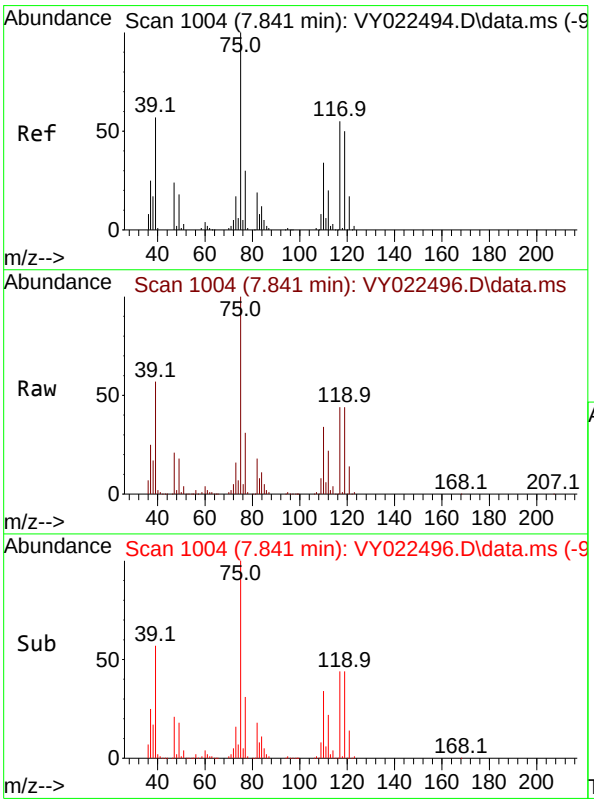
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	18.2	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

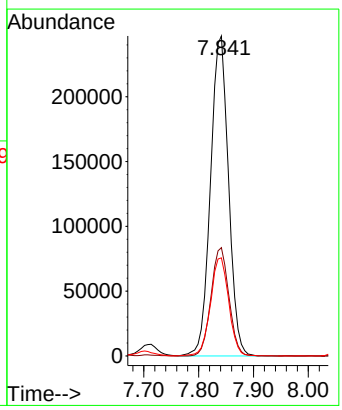
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

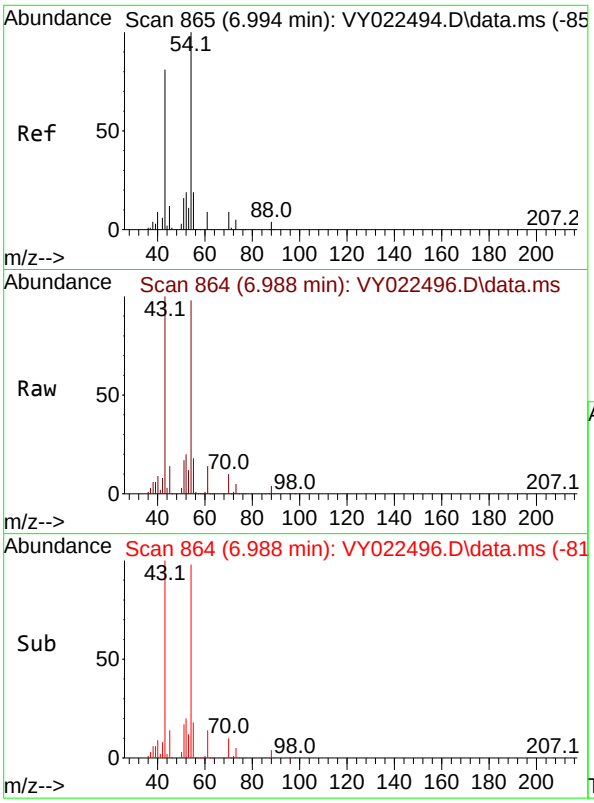


#36
1,1-Dichloropropene
Concen: 160.756 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 562935

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.1	24.8	37.2

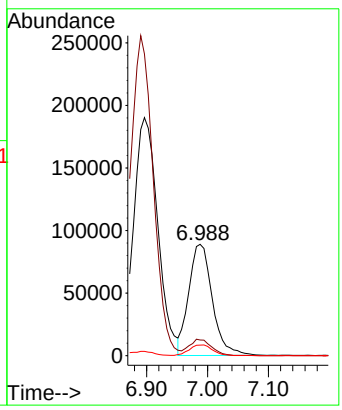




#37
Ethyl Acetate
Concen: 155.059 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 23896

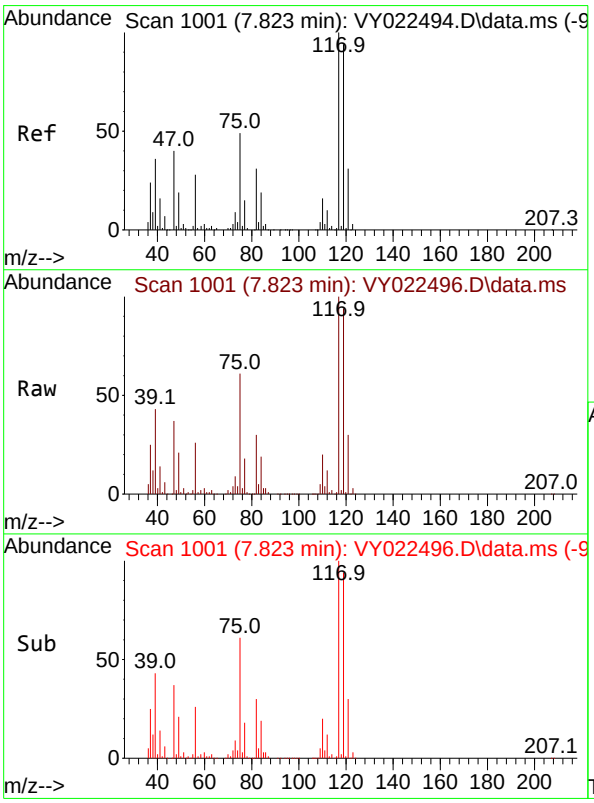
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.4	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

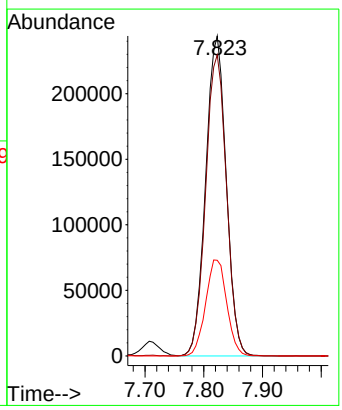
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

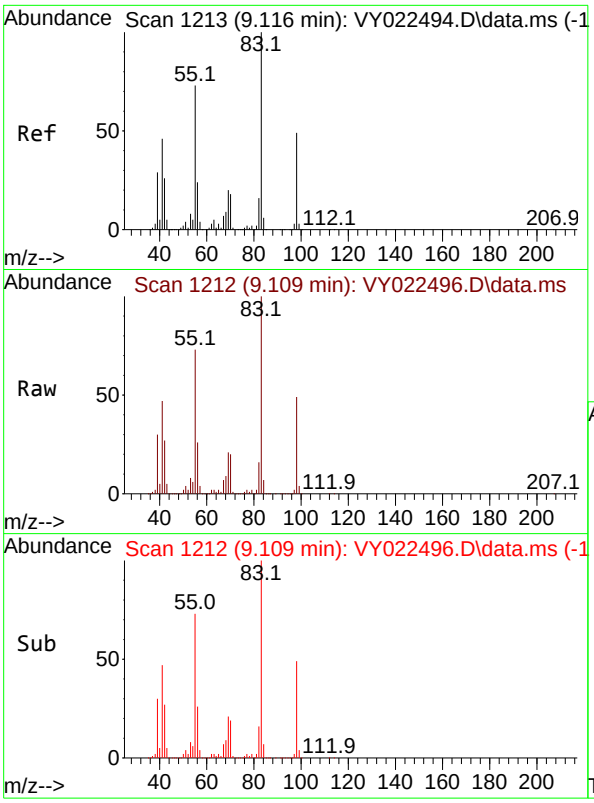


#38
Carbon Tetrachloride
Concen: 164.311 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 593167

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.9	25.0	37.4





#39
Methylcyclohexane
Concen: 162.851 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

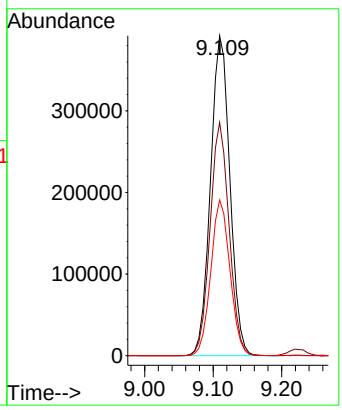
Tgt Ion: 83 Resp: 77038

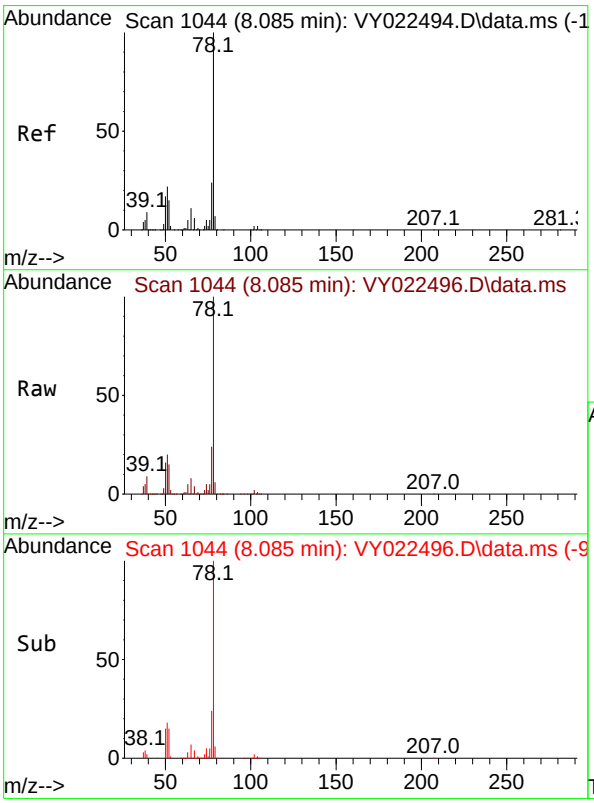
Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.1	87.1
98	48.7	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

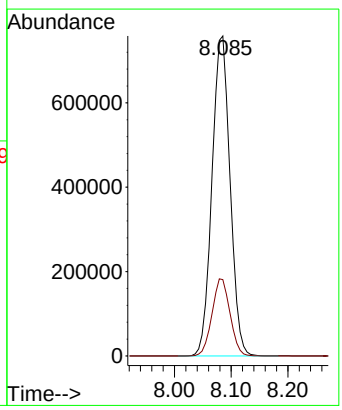


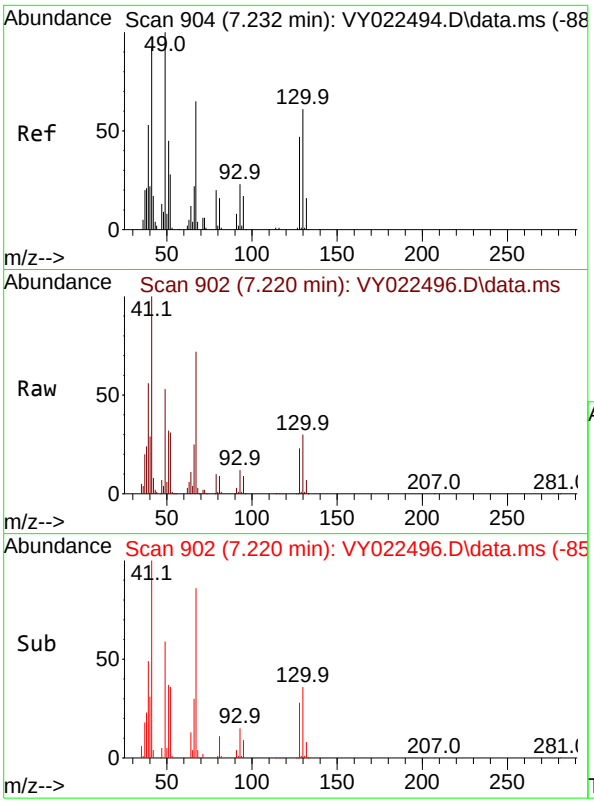


#40
Benzene
Concen: 162.332 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 78 Resp: 1675603

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

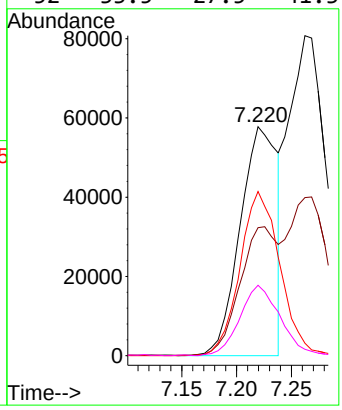




#41
Methacrylonitrile
Concen: 137.523 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 13649

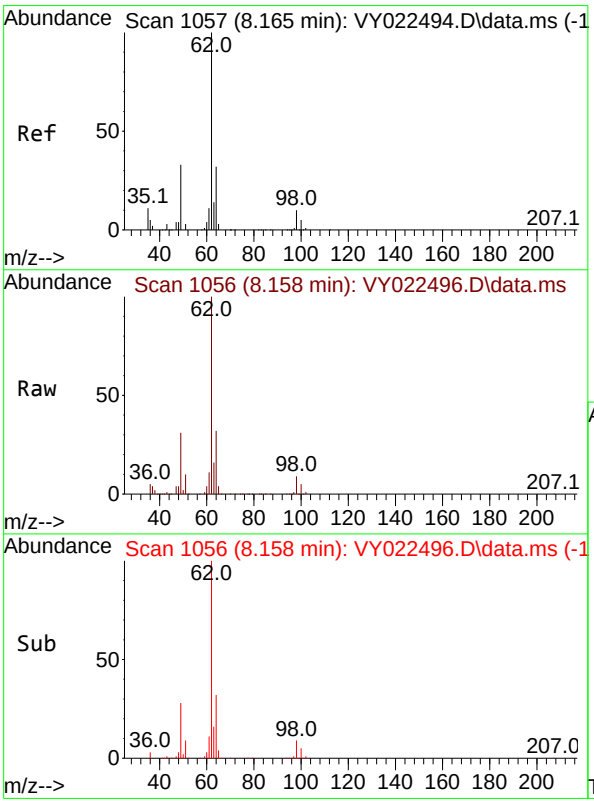
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	77.5	63.3	94.9
52	33.5	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

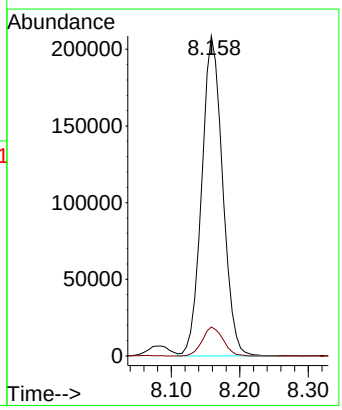
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

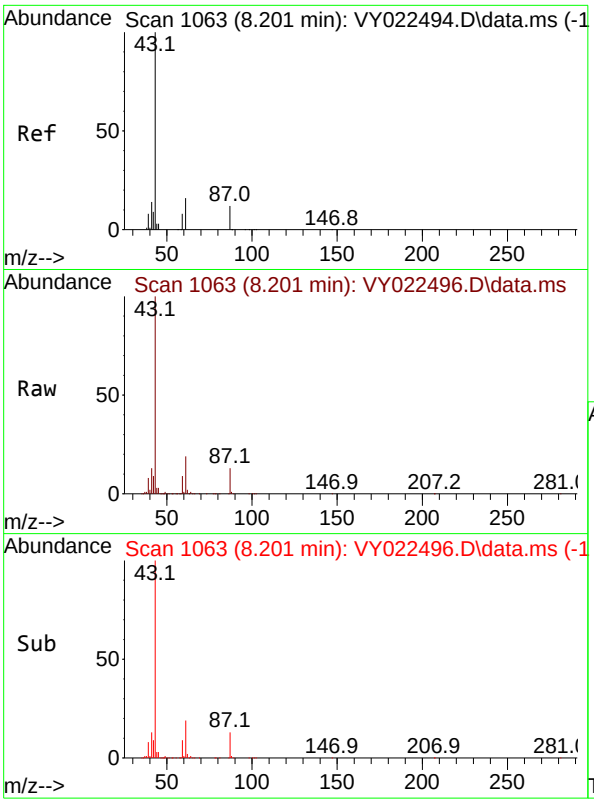


#42
1,2-Dichloroethane
Concen: 157.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 442216

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2

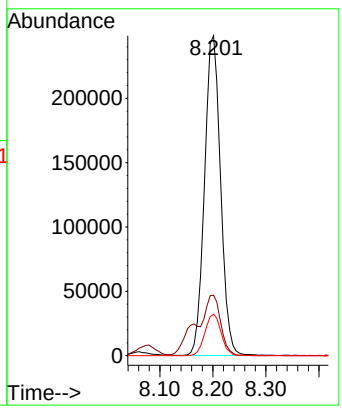




#43
Isopropyl Acetate
Concen: 155.250 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 52284

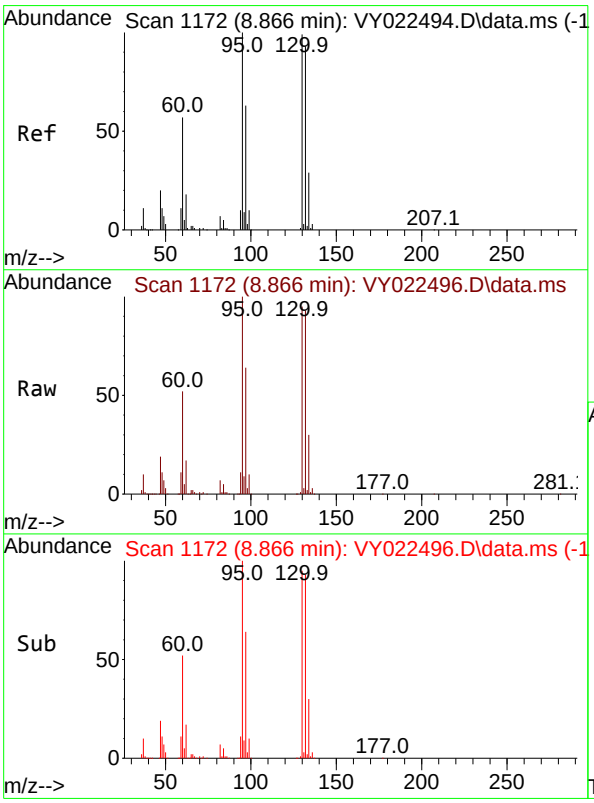
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.6	23.4
87	13.1	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

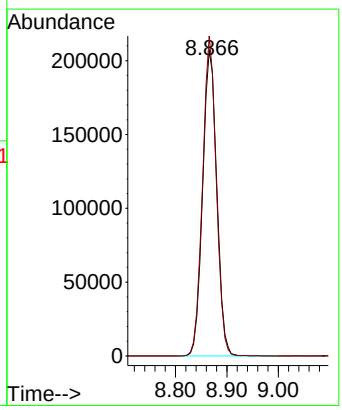
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

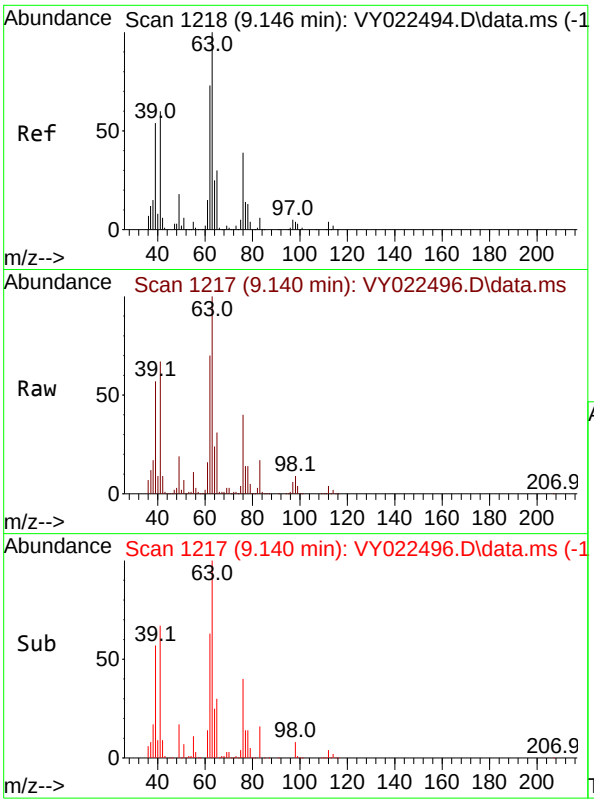


#44
Trichloroethene
Concen: 156.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:130 Resp: 394832

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	203.0





#45
1,2-Dichloropropane
Concen: 156.539 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

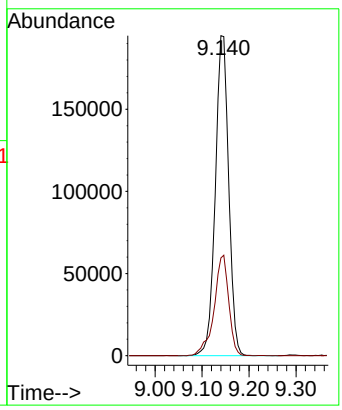
Tgt Ion: 63 Resp: 38520

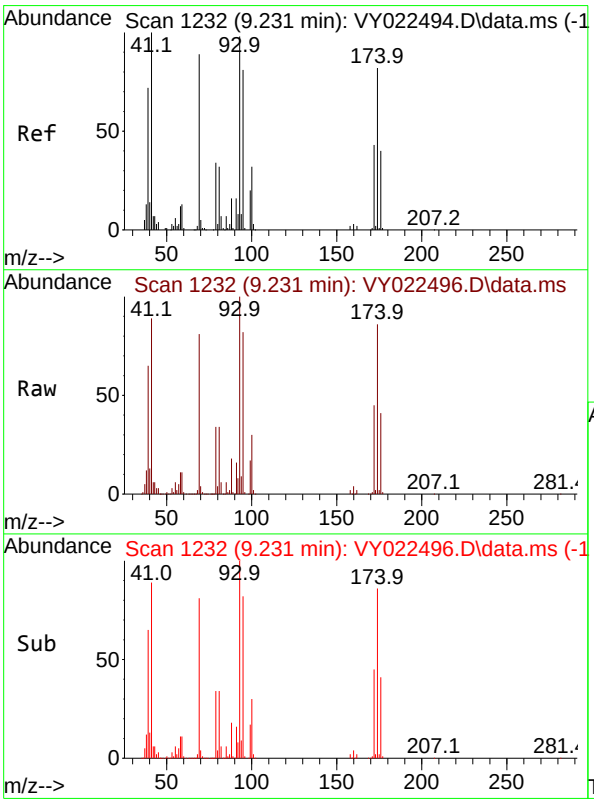
Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.0	36.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

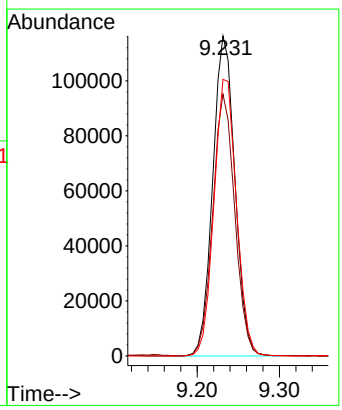


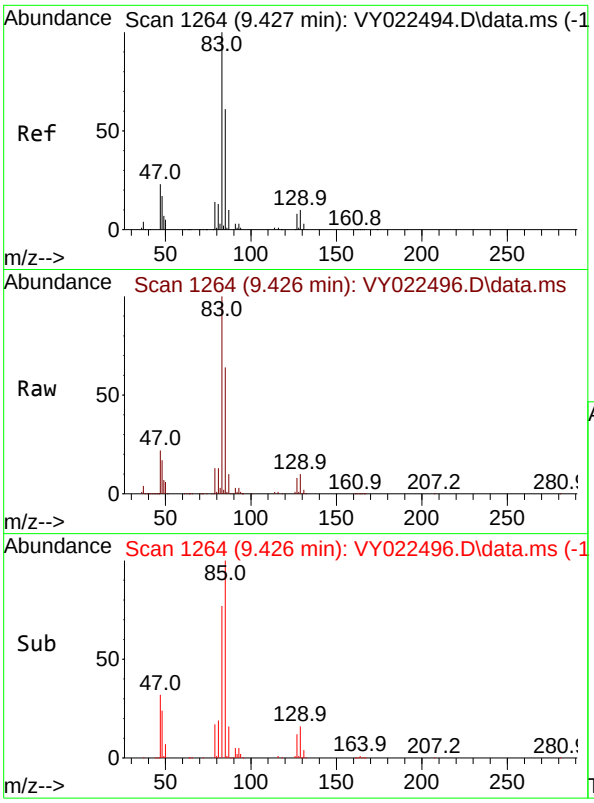


#46
Dibromomethane
Concen: 158.140 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 93 Resp: 218014

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.6	98.4
174	87.8	70.4	105.6

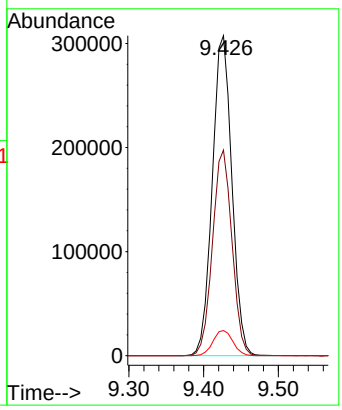




#47
Bromodichloromethane
Concen: 160.221 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 56042

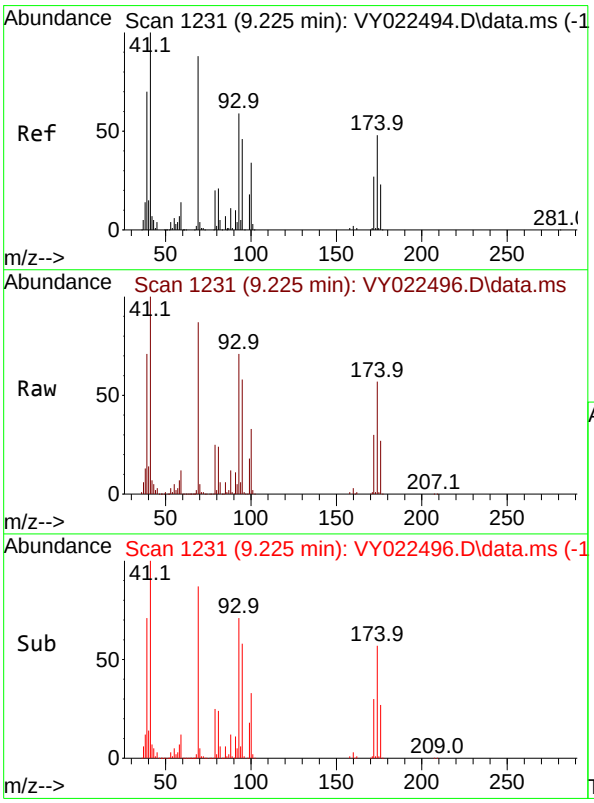
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.1	73.7
127	7.9	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

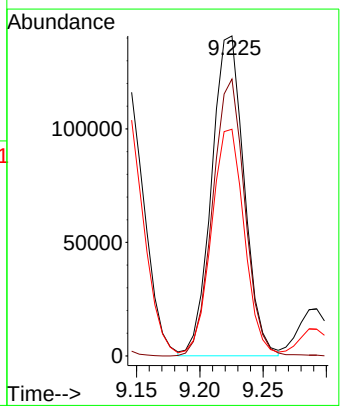
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

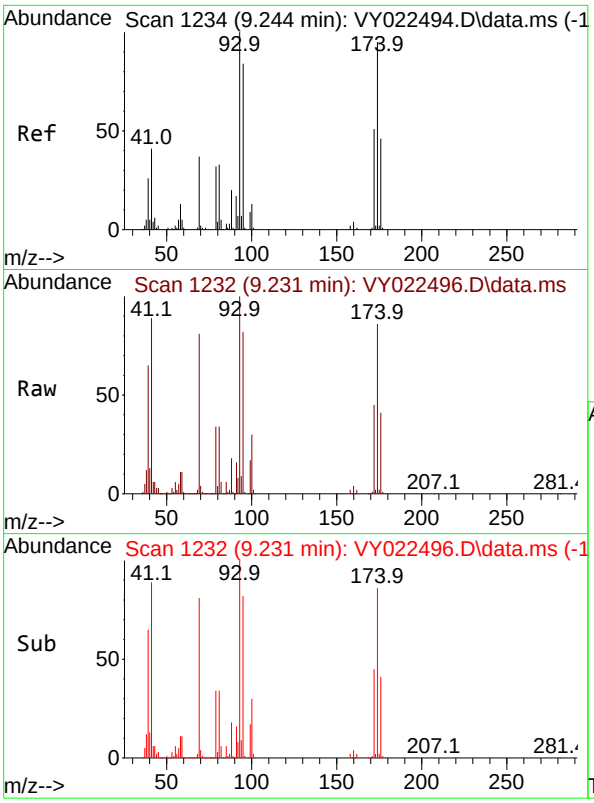


#48
Methyl methacrylate
Concen: 163.897 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 252724

Ion	Ratio	Lower	Upper
41	100		
69	85.6	67.8	101.8
39	69.7	55.0	82.4

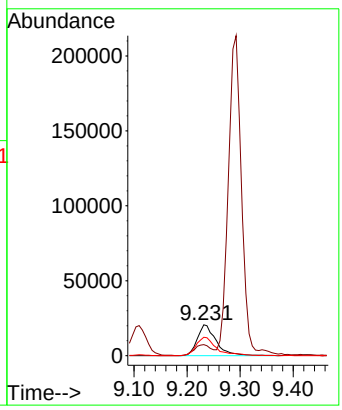




#49
1,4-Dioxane
Concen: 3093.301 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 88 Resp: 5087

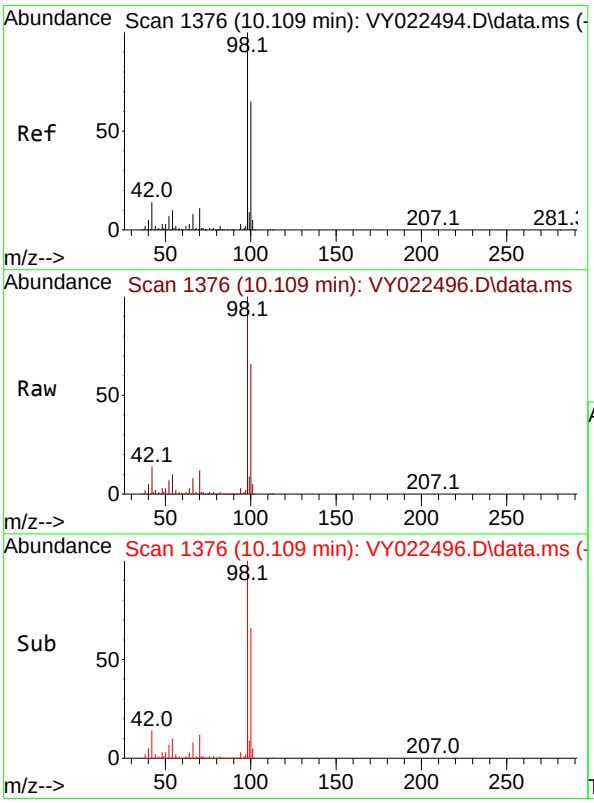
Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	64.1	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

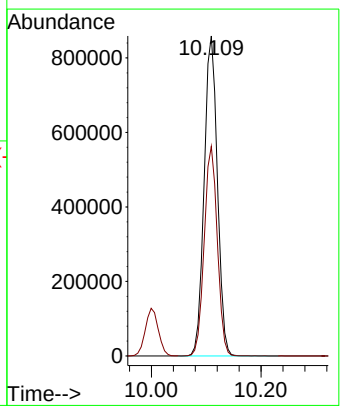
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

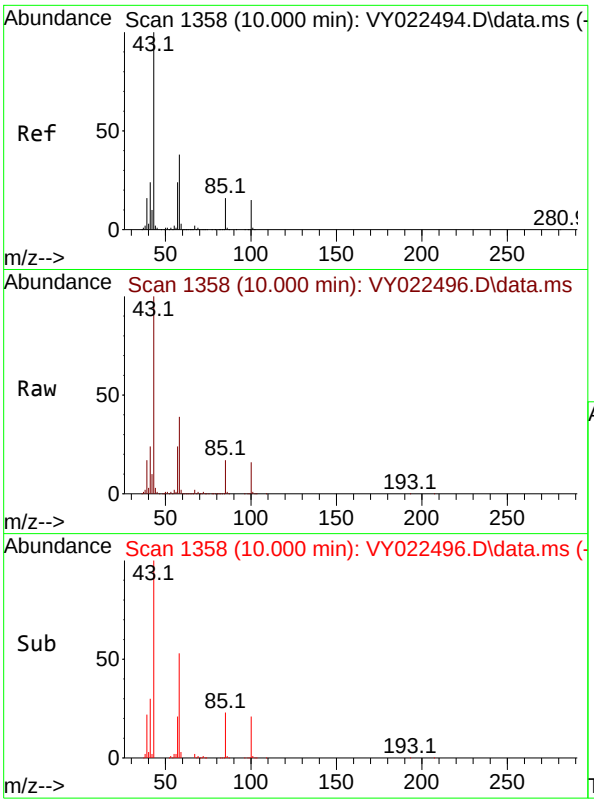


#50
Toluene-d8
Concen: 163.617 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 98 Resp: 1432587

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0

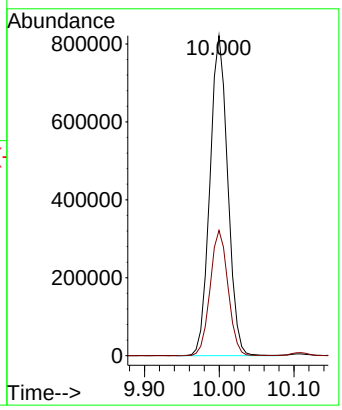




#51
4-Methyl-2-Pentanone
Concen: 812.744 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 135851

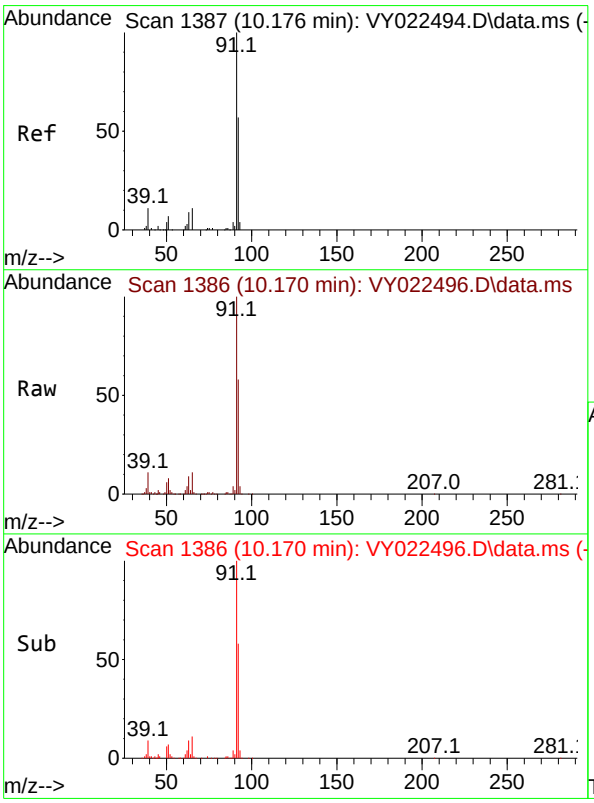
Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

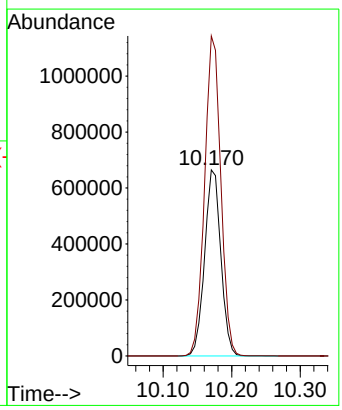
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

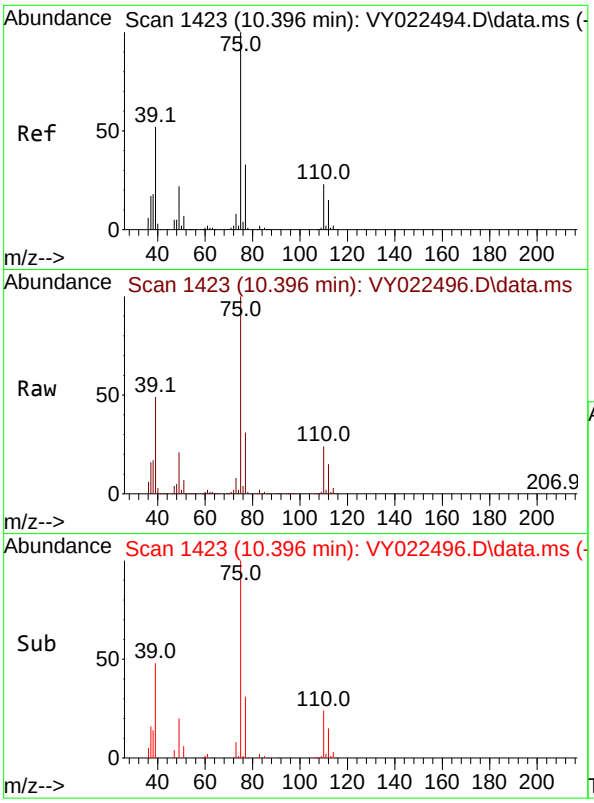


#52
Toluene
Concen: 168.447 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 92 Resp: 1093200

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4

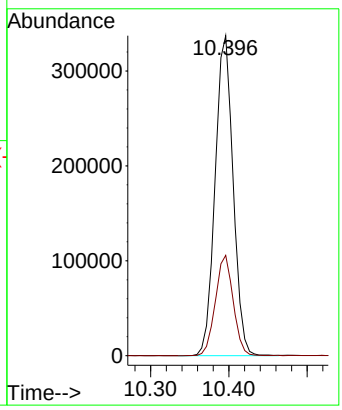




#53
t-1,3-Dichloropropene
Concen: 166.237 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 53792

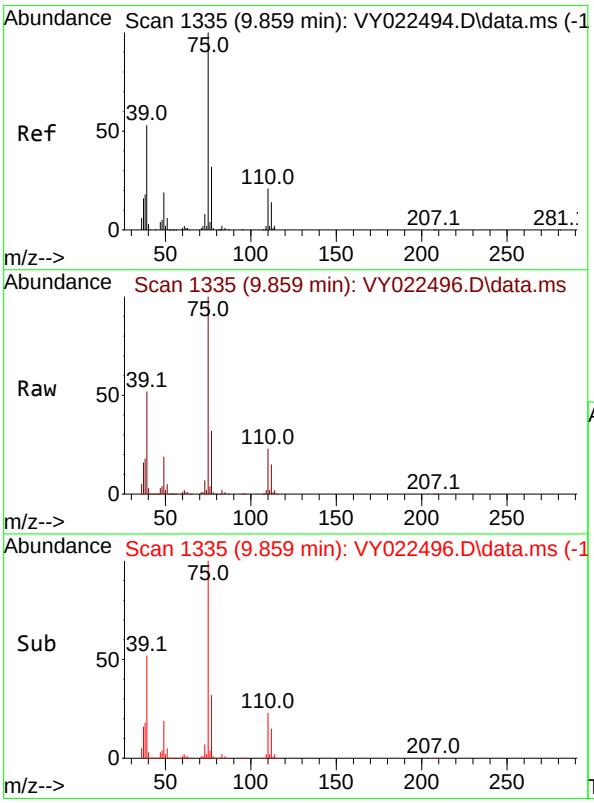
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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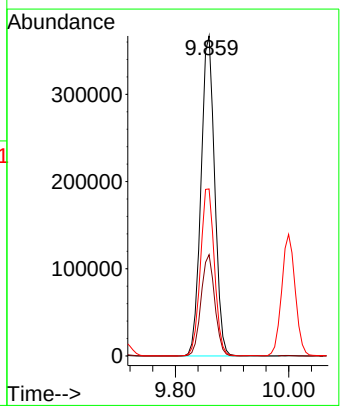
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

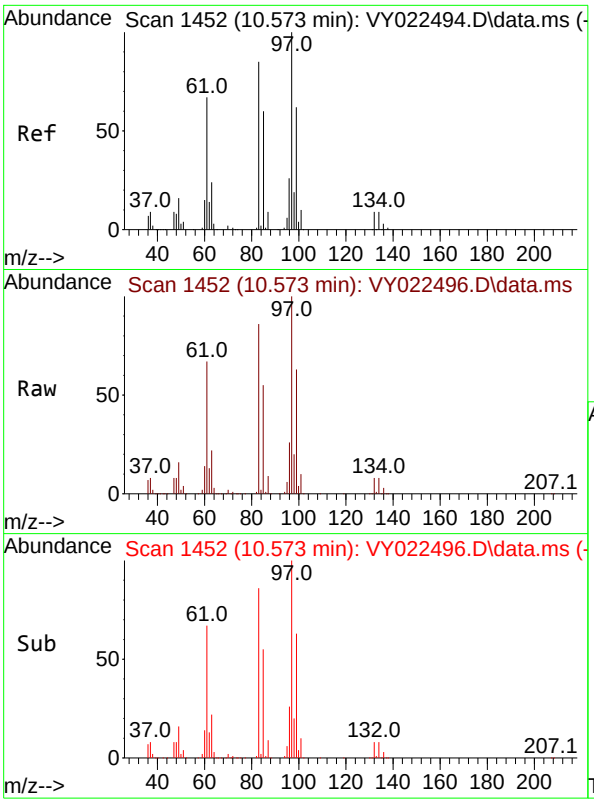


#54
cis-1,3-Dichloropropene
Concen: 162.259 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 615667

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	52.2	42.7	64.1

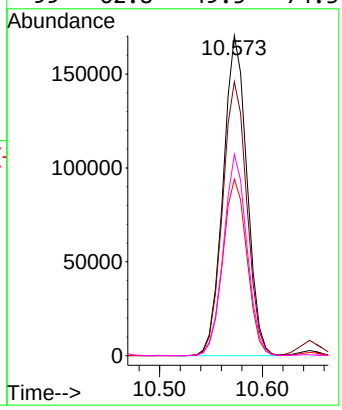




#55
1,1,2-Trichloroethane
Concen: 158.086 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 27446

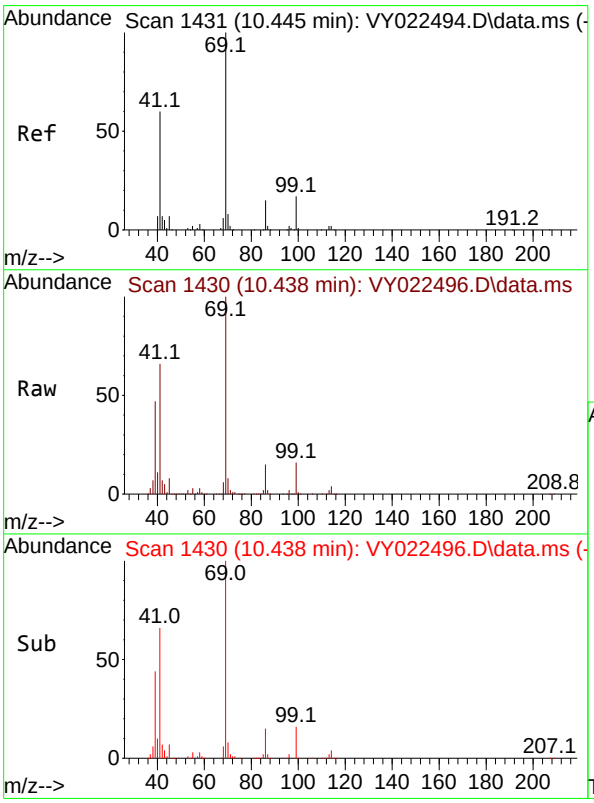
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.1	48.2	72.2
99	62.8	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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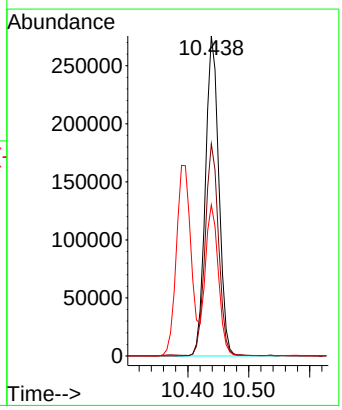
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

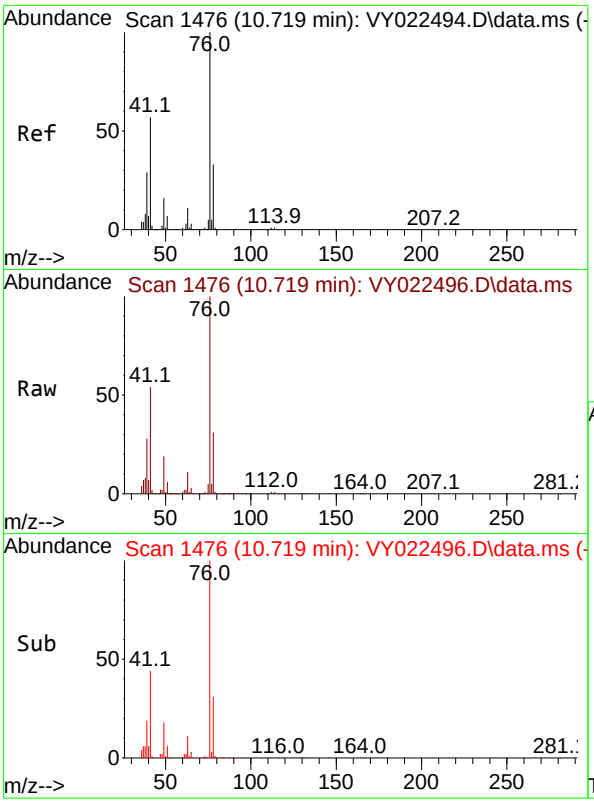


#56
Ethyl methacrylate
Concen: 167.865 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 69 Resp: 423233

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	44.7	36.7	55.1





#57
1,3-Dichloropropane
Concen: 158.010 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

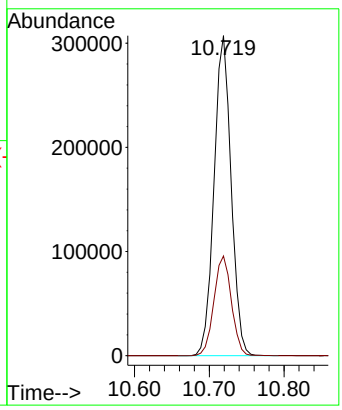
Tgt Ion: 76 Resp: 48857

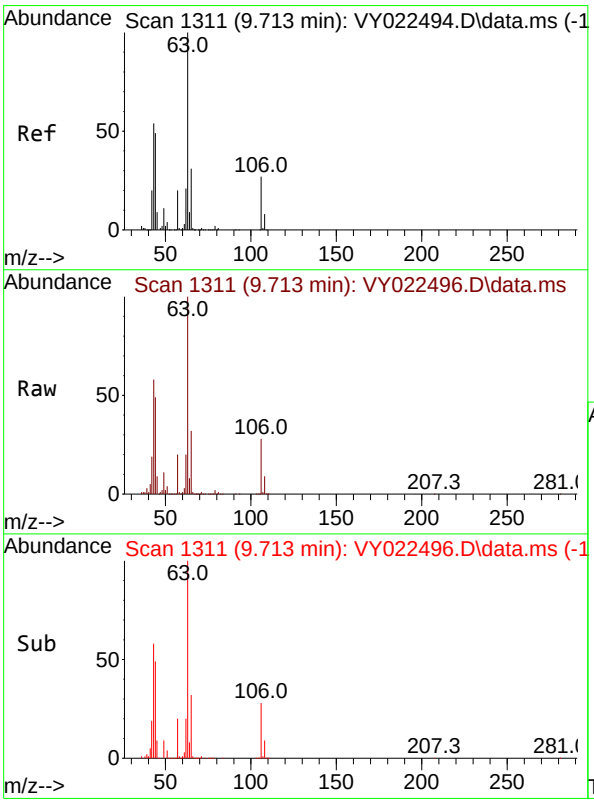
Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

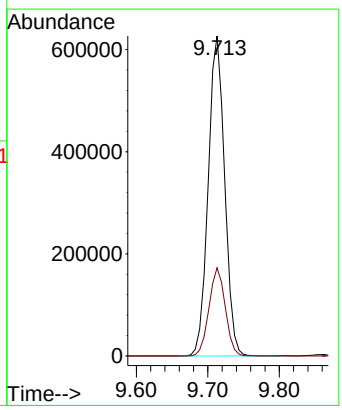


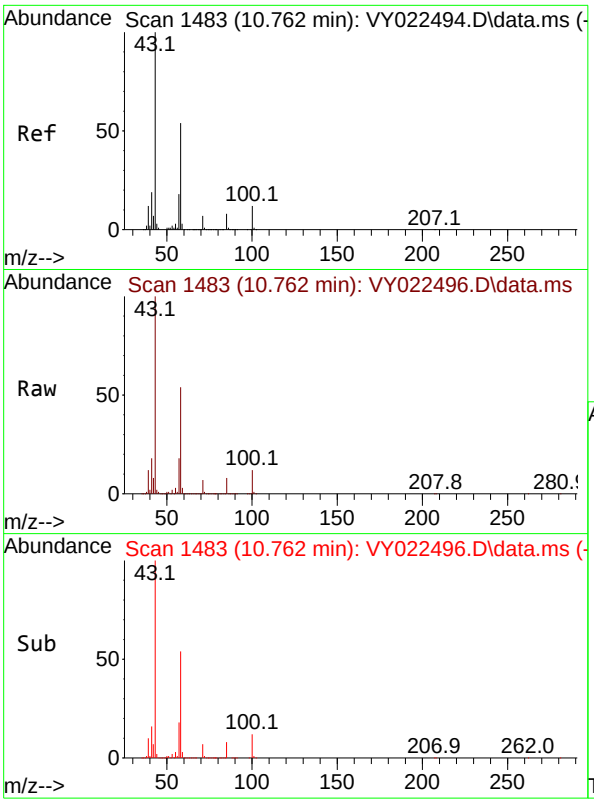


#58
2-Chloroethyl Vinyl ether
Concen: 890.345 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 1000760

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4

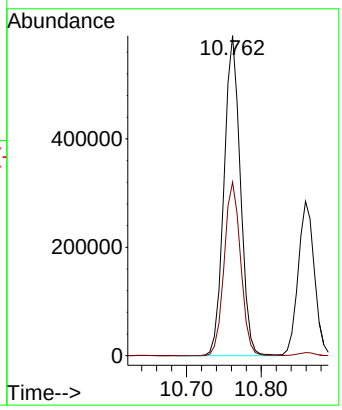




#59
2-Hexanone
Concen: 804.699 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 89662

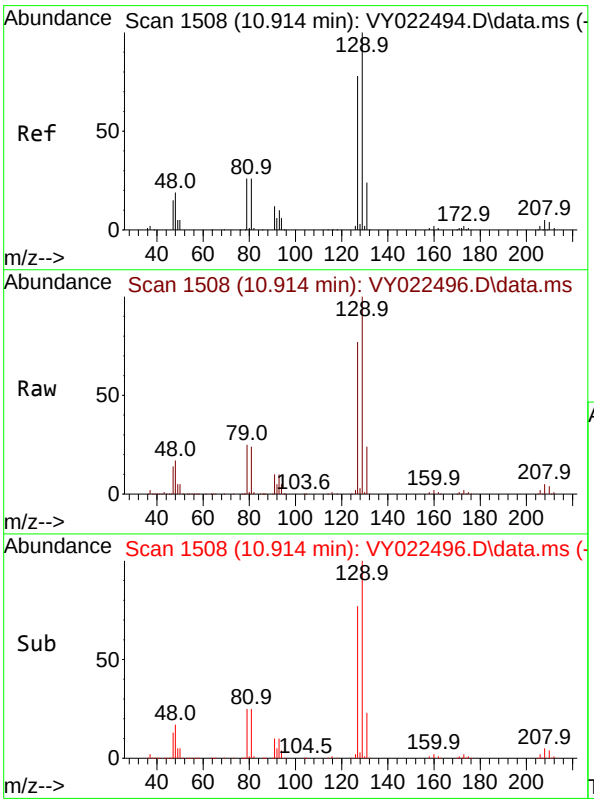
Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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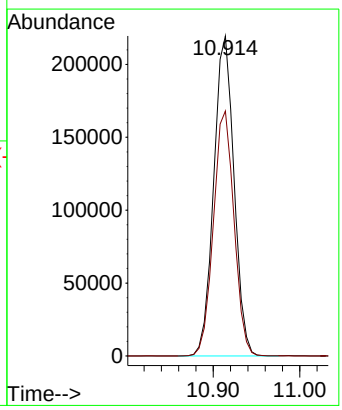
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

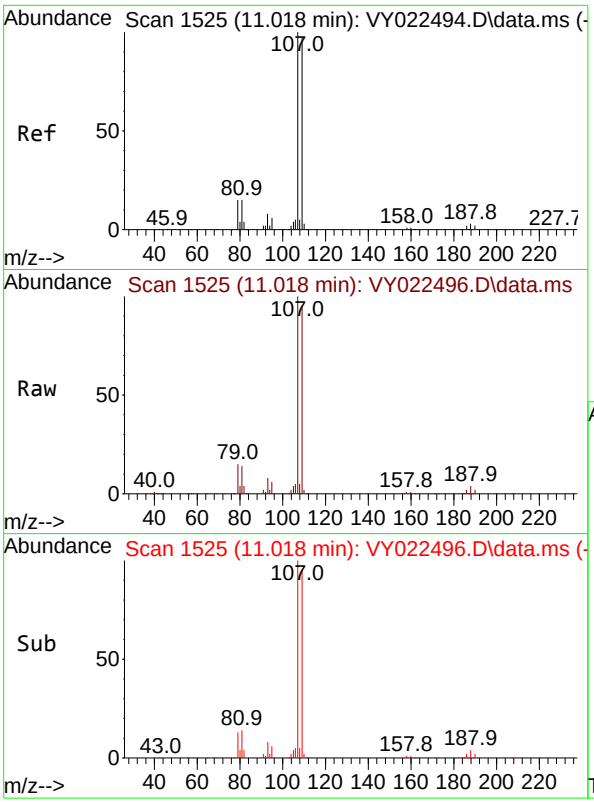


#60
Dibromochloromethane
Concen: 162.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:129 Resp: 356873

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2





#61
1,2-Dibromoethane
Concen: 158.625 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

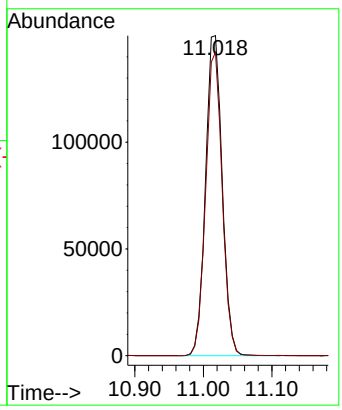
Tgt Ion:107 Resp: 25412

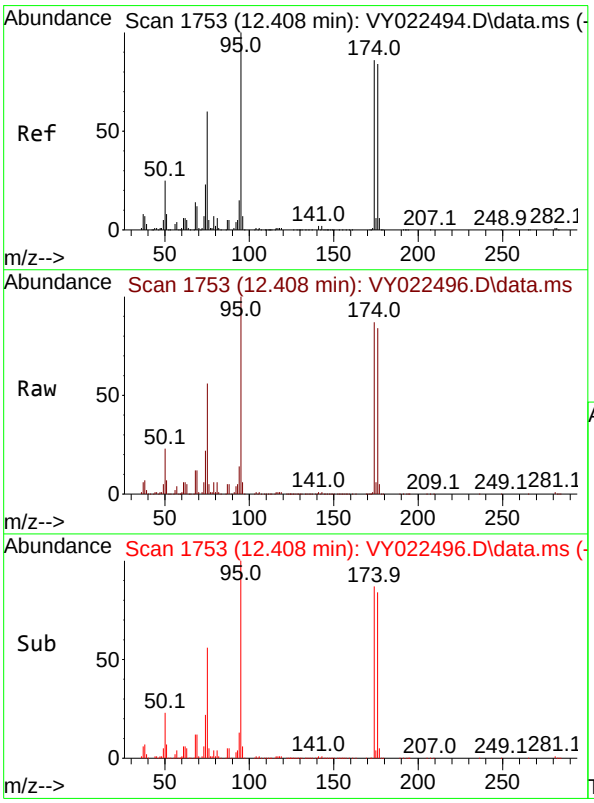
Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

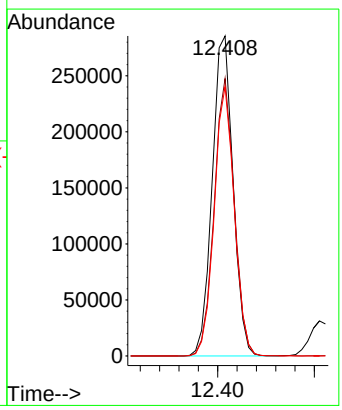


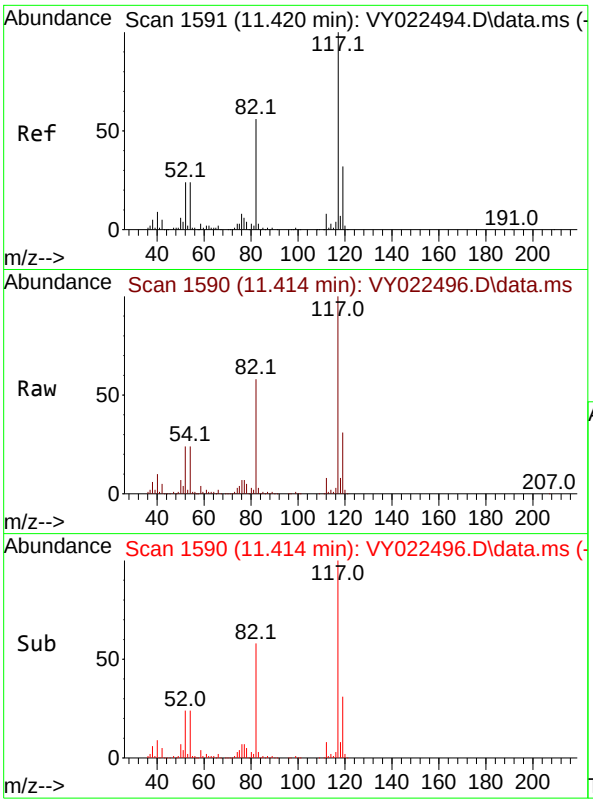


#62
4-Bromofluorobenzene
Concen: 160.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 95 Resp: 426573

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	170.0
176	81.1	0.0	166.2

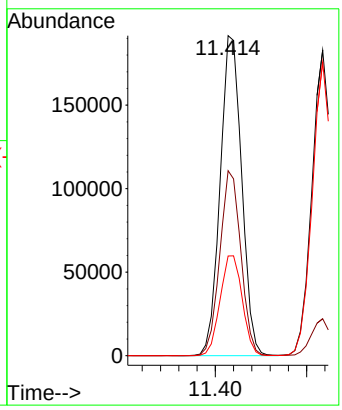




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 31395

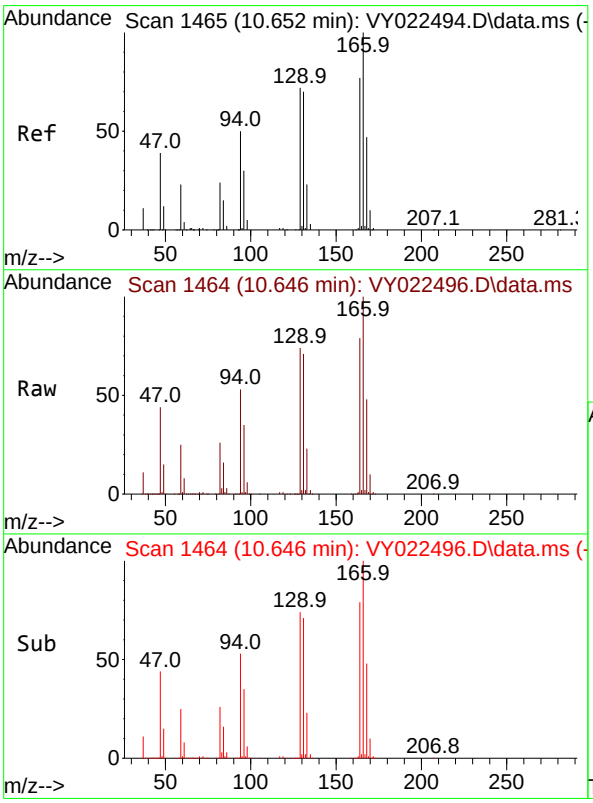
Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	31.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

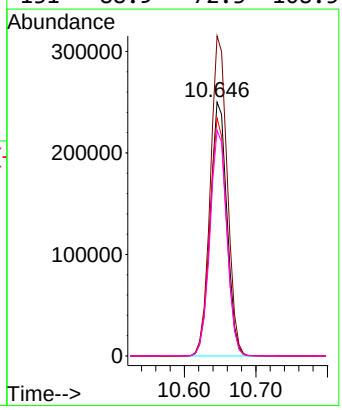
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

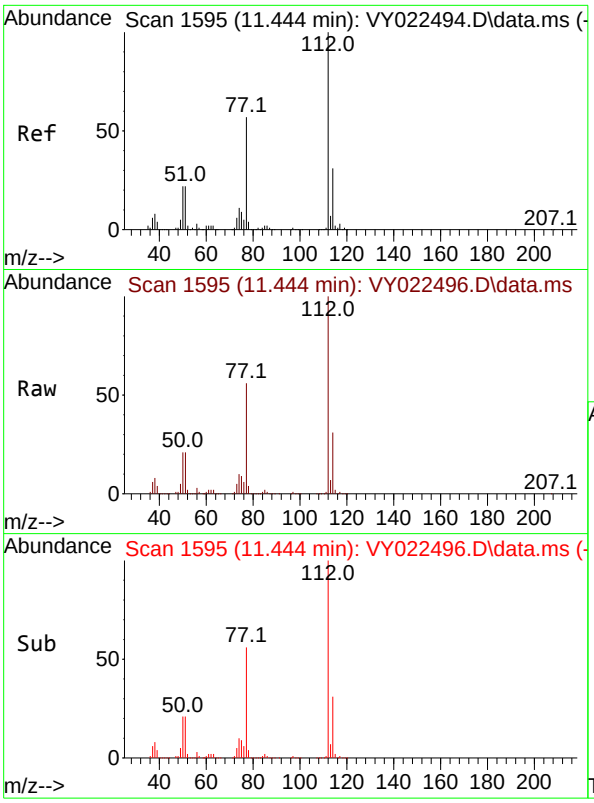


#64
Tetrachloroethene
Concen: 152.453 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:164 Resp: 406758

Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	93.8	74.5	111.7
131	88.9	72.3	108.5

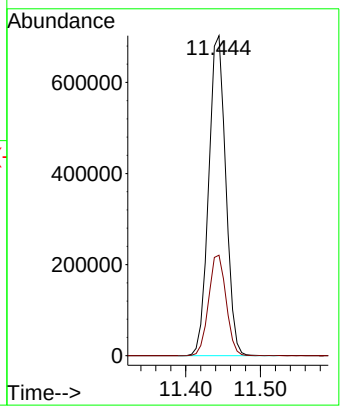




#65
Chlorobenzene
Concen: 163.544 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:112 Resp: 111334

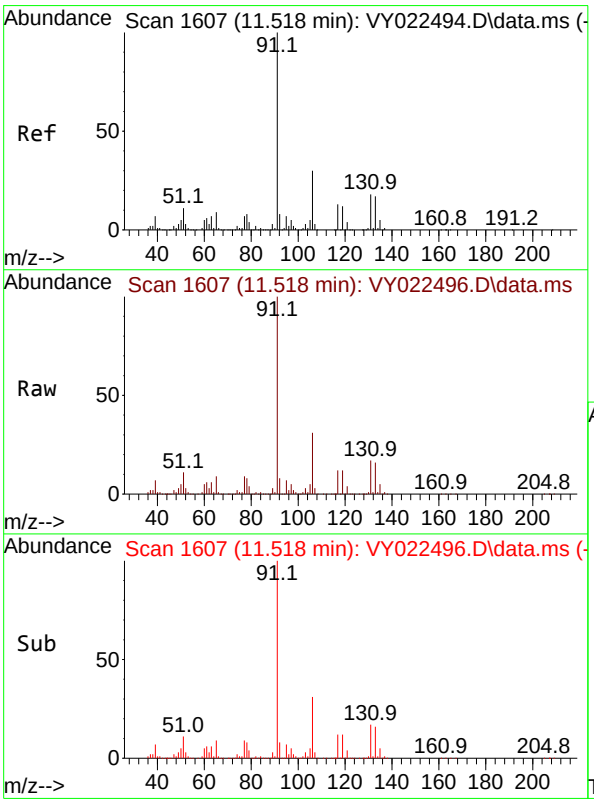
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

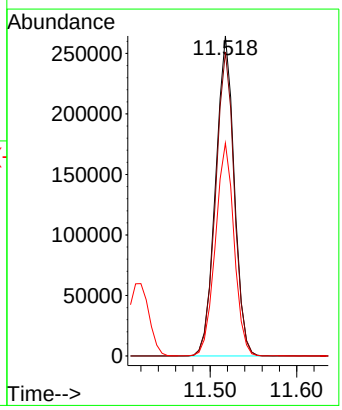
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

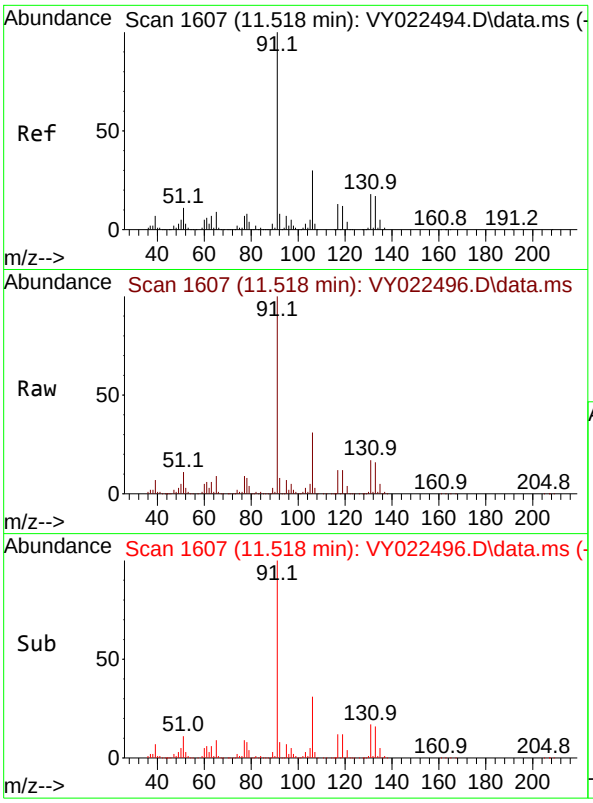


#66
1,1,1,2-Tetrachloroethane
Concen: 171.190 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:131 Resp: 395046

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.8
119	66.8	33.1	99.3

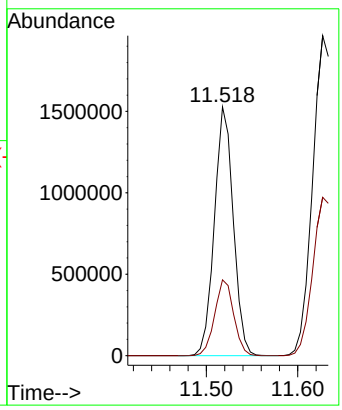




#67
Ethyl Benzene
Concen: 173.285 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 219681

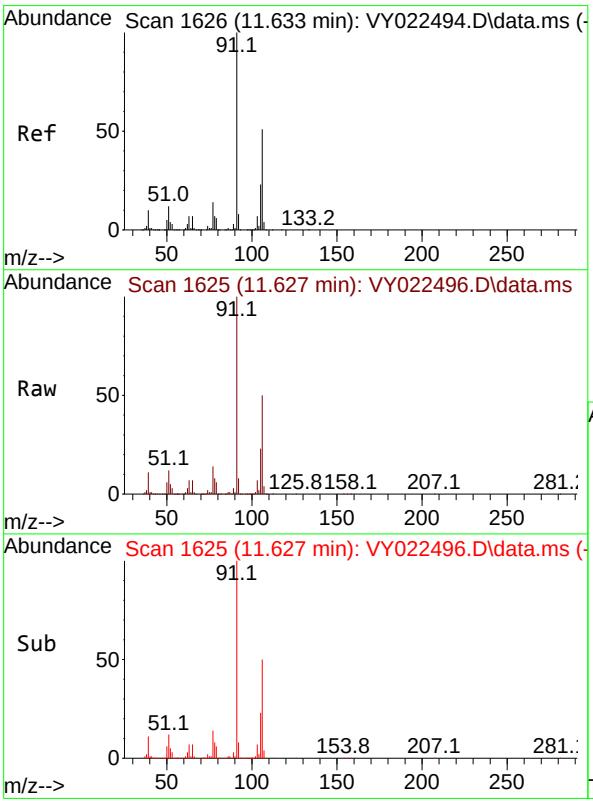
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

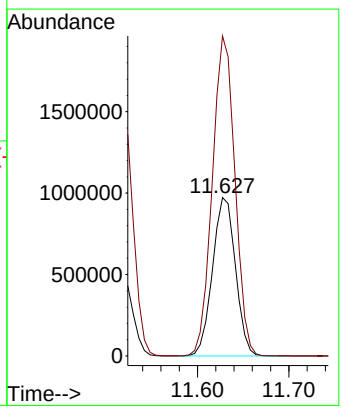
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

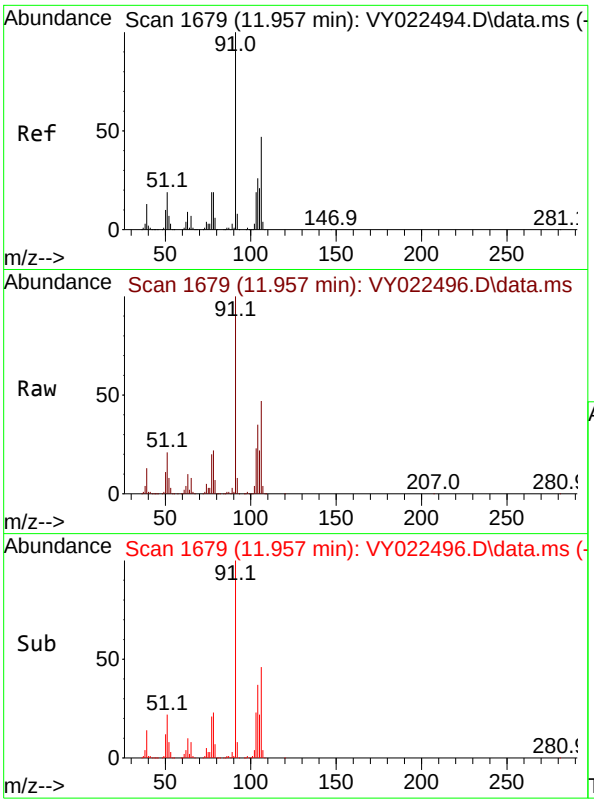


#68
m/p-Xylenes
Concen: 353.103 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 1694177

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0

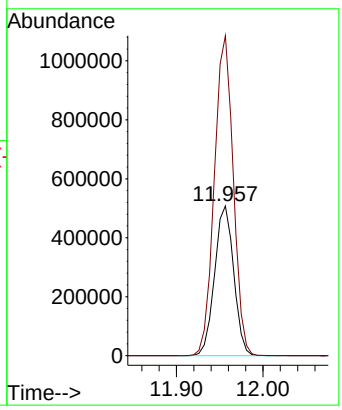




#69
o-Xylene
Concen: 173.188 ug/l
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 77768

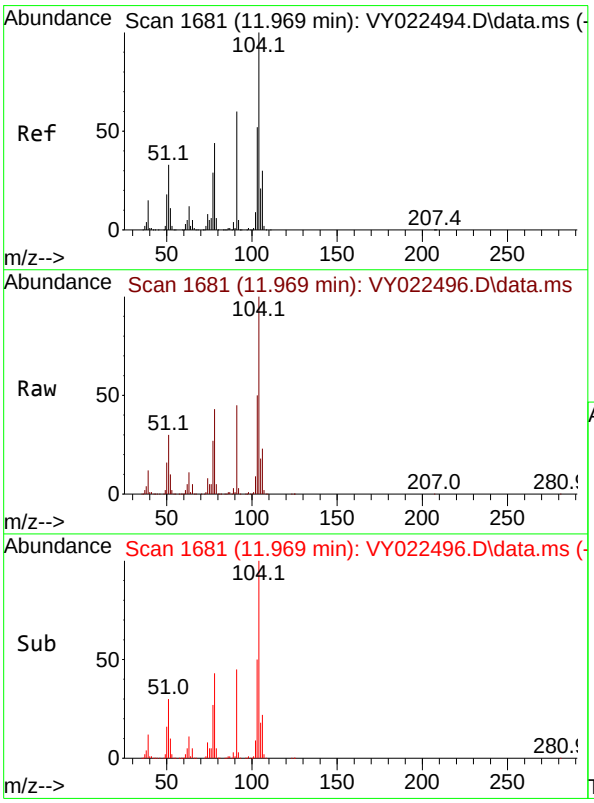
Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

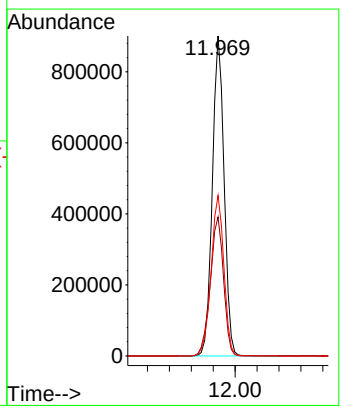
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

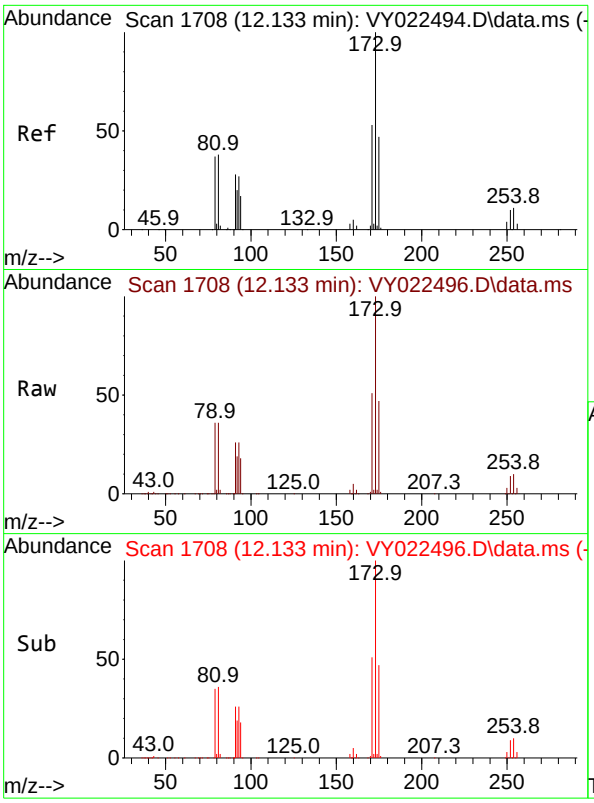


#70
Styrene
Concen: 179.564 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:104 Resp: 1334986

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	54.6	44.1	66.1

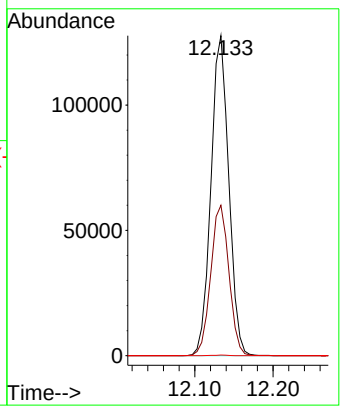




#71
Bromoform
Concen: 166.138 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:173 Resp: 20146

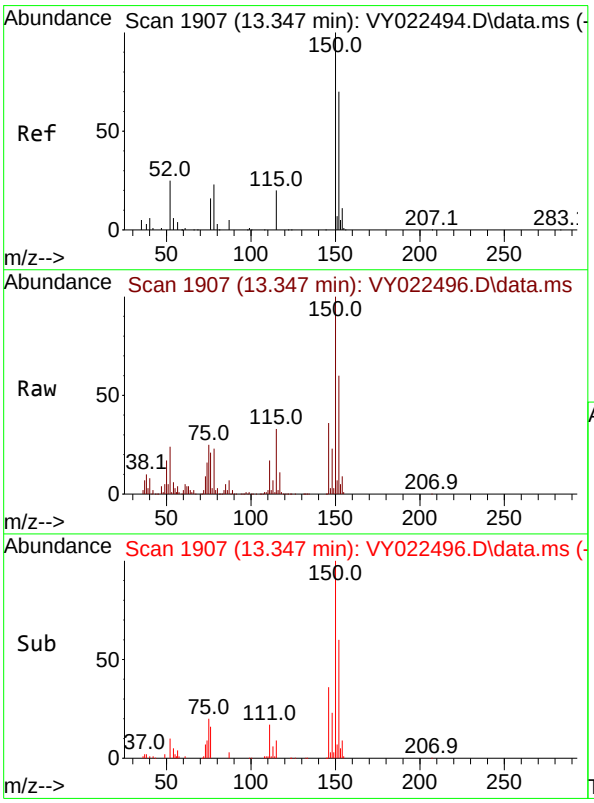
Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.5
254	0.2	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

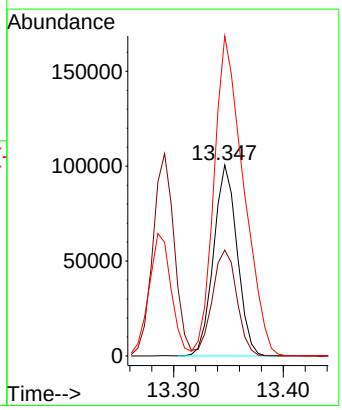
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

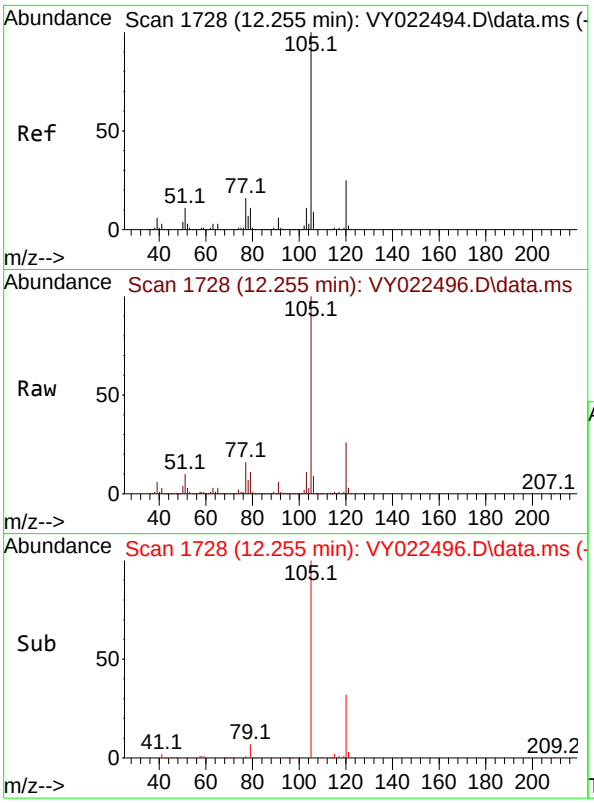


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:152 Resp: 150326

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	210.0	0.0	349.6

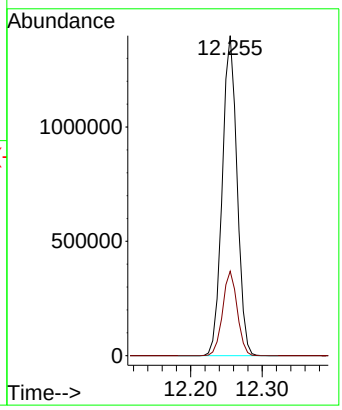




#73
Isopropylbenzene
Concen: 166.060 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 201126

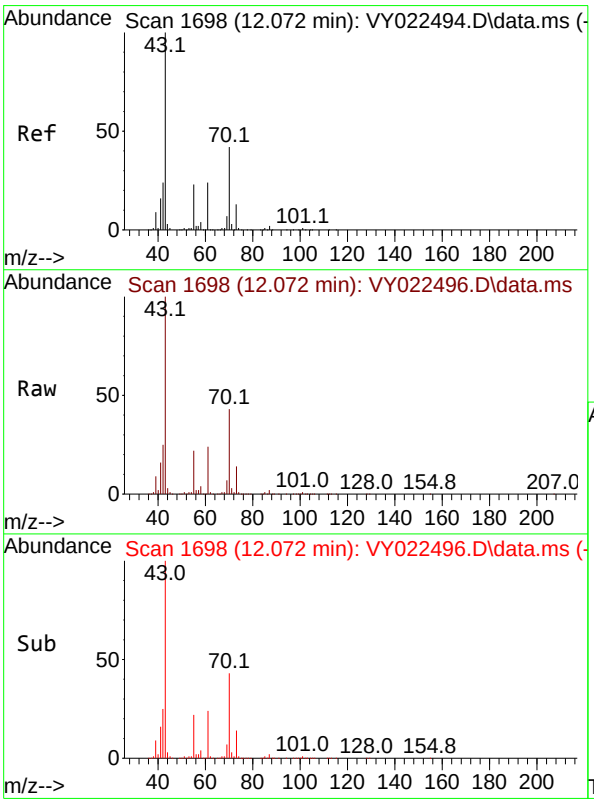
Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

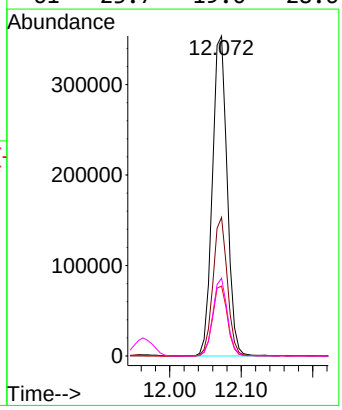
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

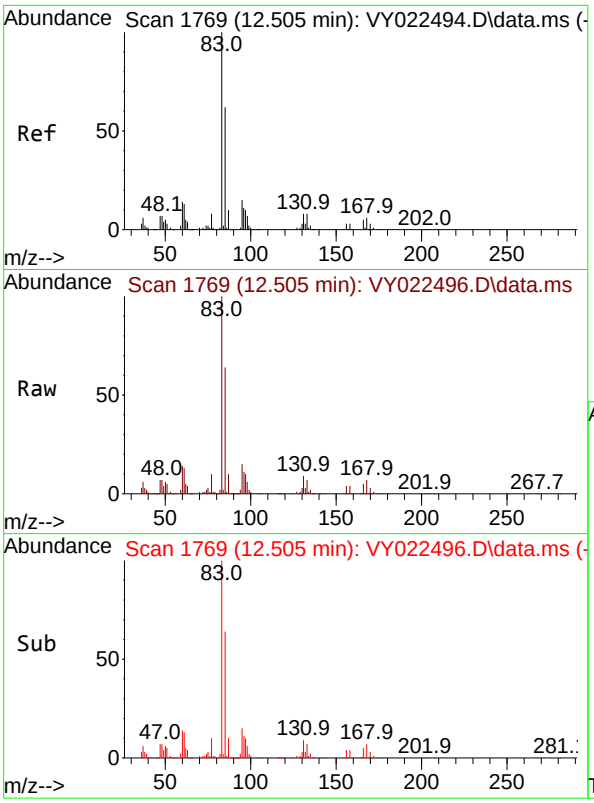


#74
N-amyl acetate
Concen: 165.957 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 508301

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	22.1	18.2	27.4
61	23.7	19.0	28.6

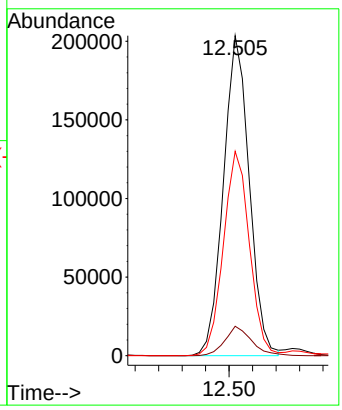




#75
1,1,2,2-Tetrachloroethane
Concen: 157.927 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 31064

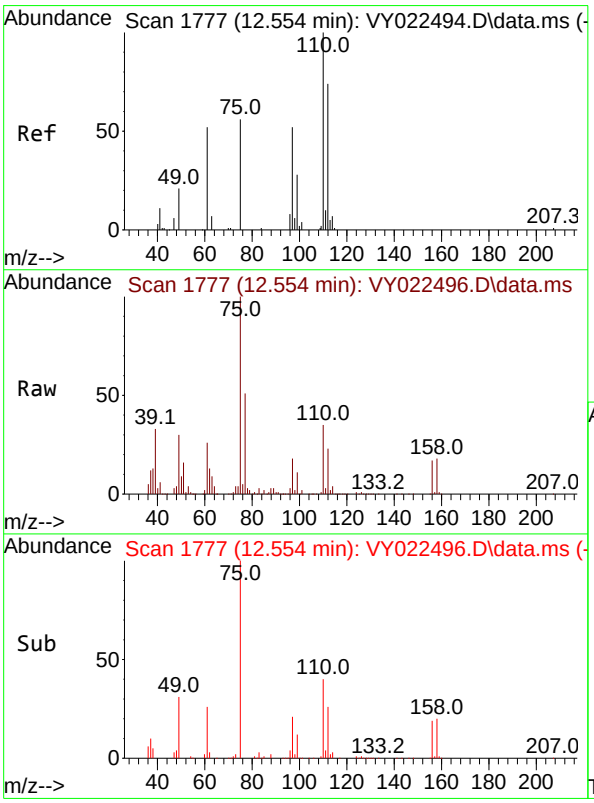
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.3	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

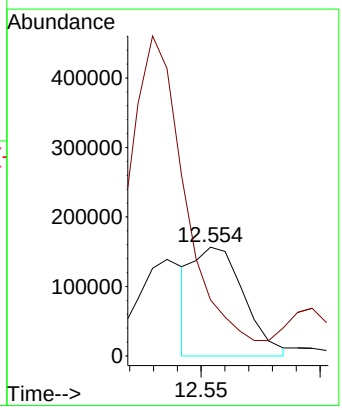
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

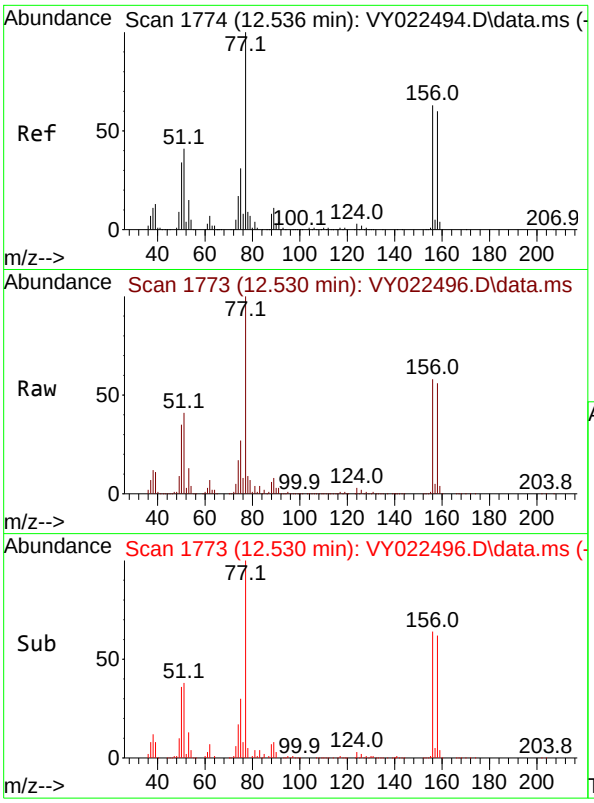


#76
1,2,3-Trichloropropane
Concen: 116.768 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 231729

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

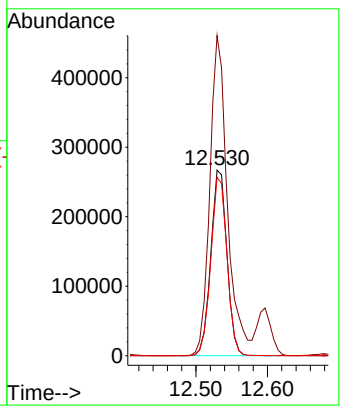




#77
Bromobenzene
Concen: 162.489 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:156 Resp: 41712

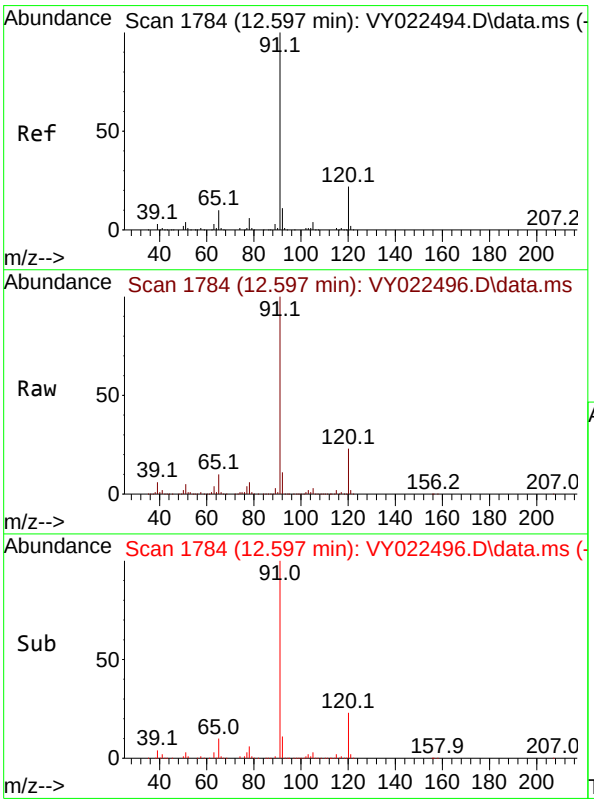
Ion	Ratio	Lower	Upper
156	100		
77	188.4	94.0	282.1
158	96.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

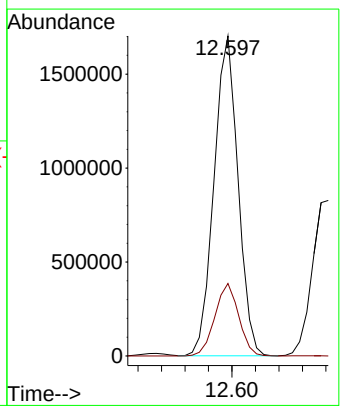
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

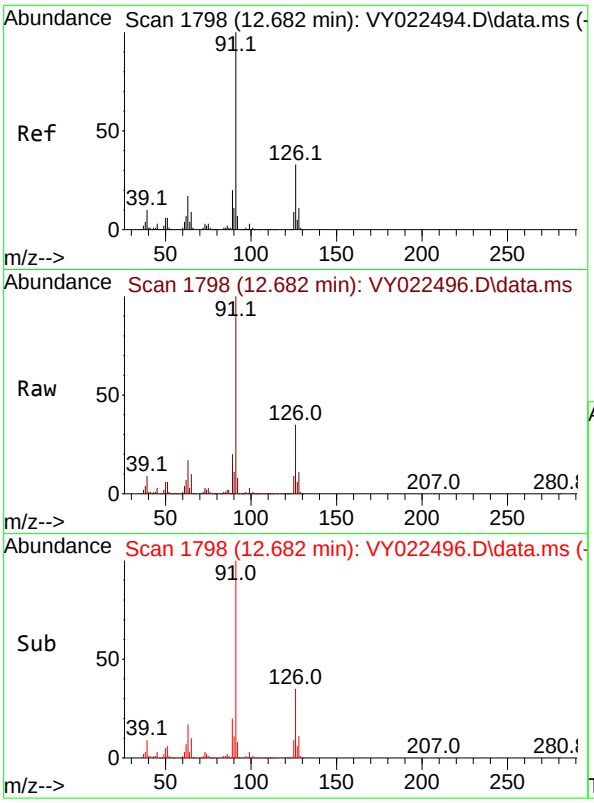


#78
n-propylbenzene
Concen: 163.876 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 2416013

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4

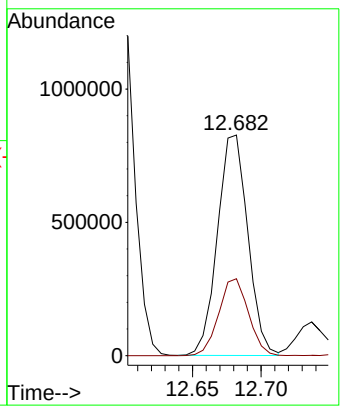




#79
2-Chlorotoluene
Concen: 163.862 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 127558

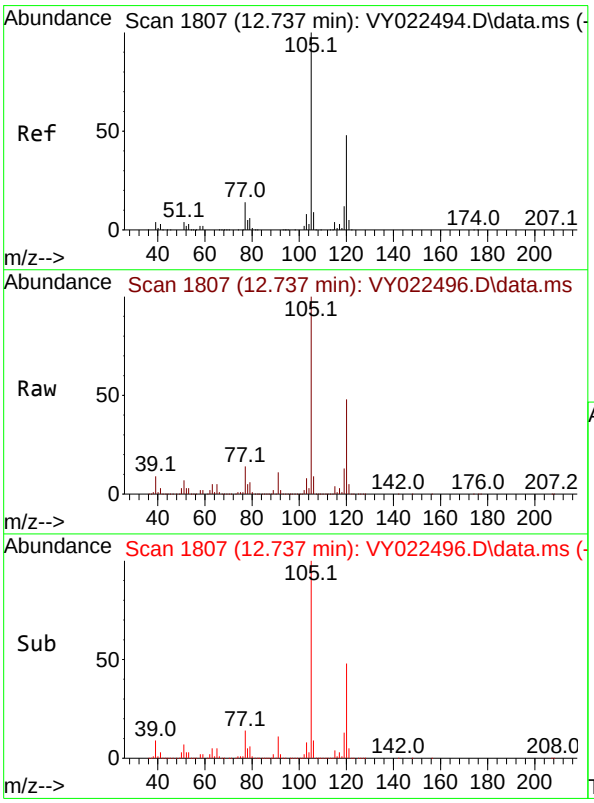
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

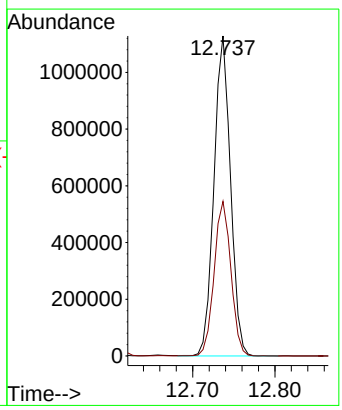
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

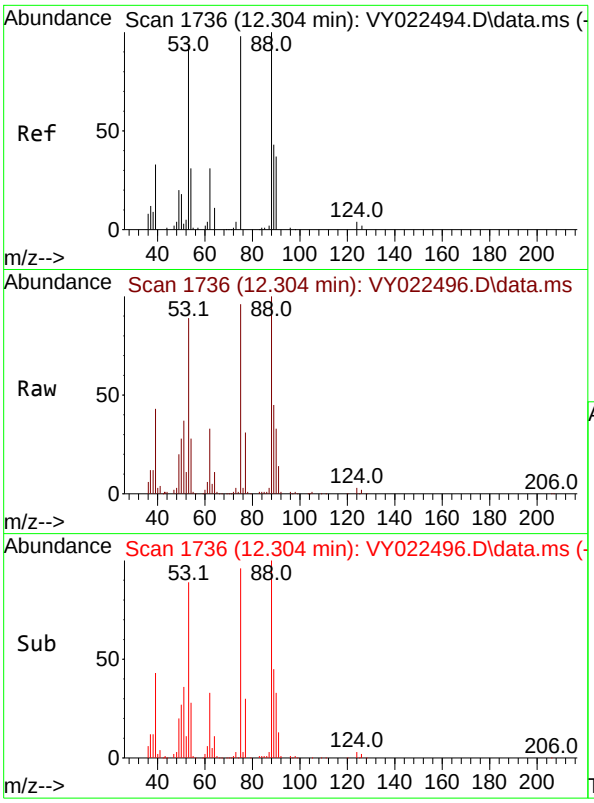


#80
1,3,5-Trimethylbenzene
Concen: 166.511 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1576906

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 160.989 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

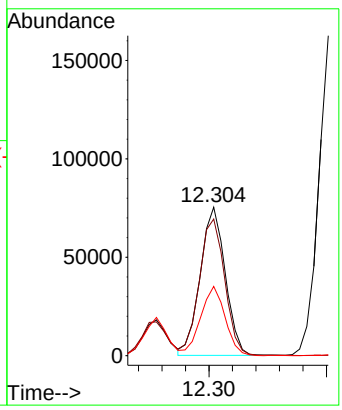
Tgt Ion: 75 Resp: 11143

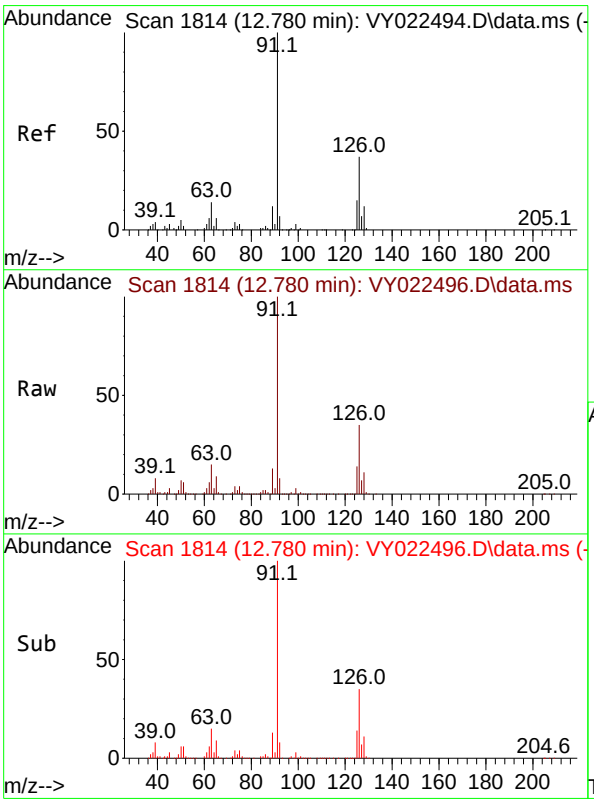
Ion	Ratio	Lower	Upper
75	100		
53	93.2	78.5	117.7
89	46.1	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

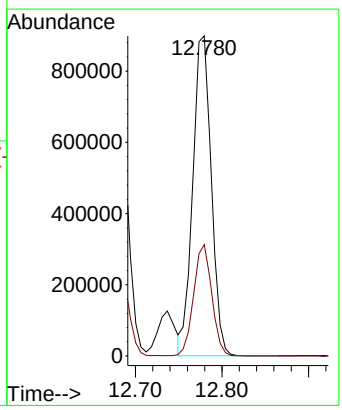


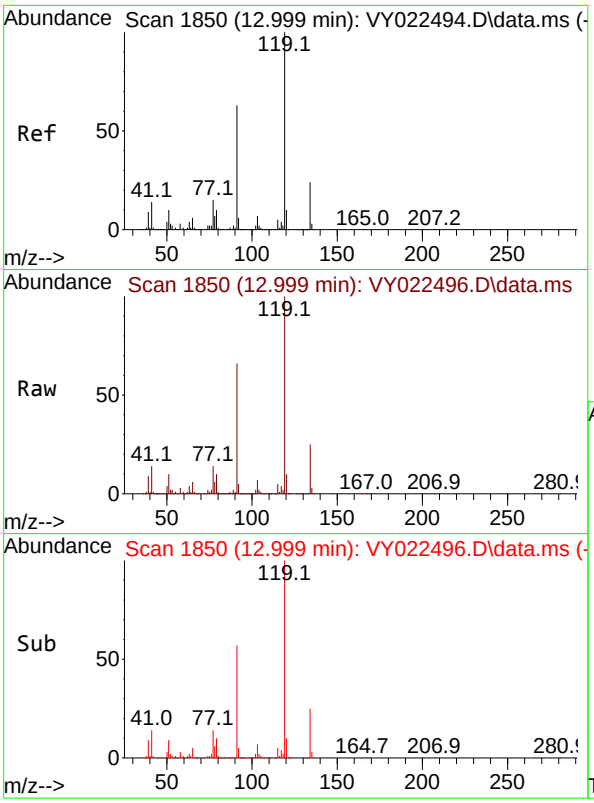


#82
4-Chlorotoluene
Concen: 165.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 1334965

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

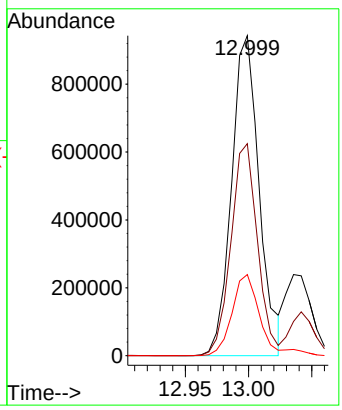




#83
tert-Butylbenzene
Concen: 166.064 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 143464

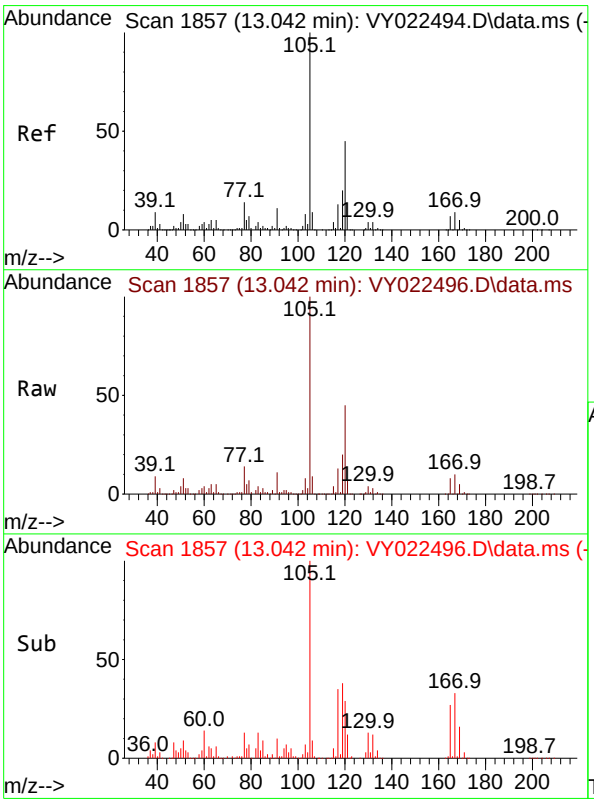
Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

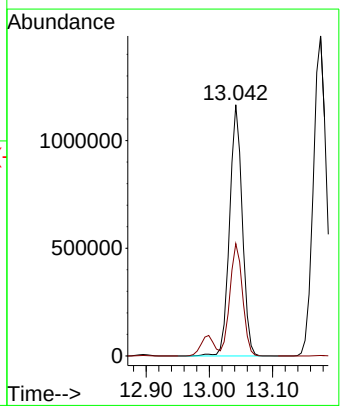
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

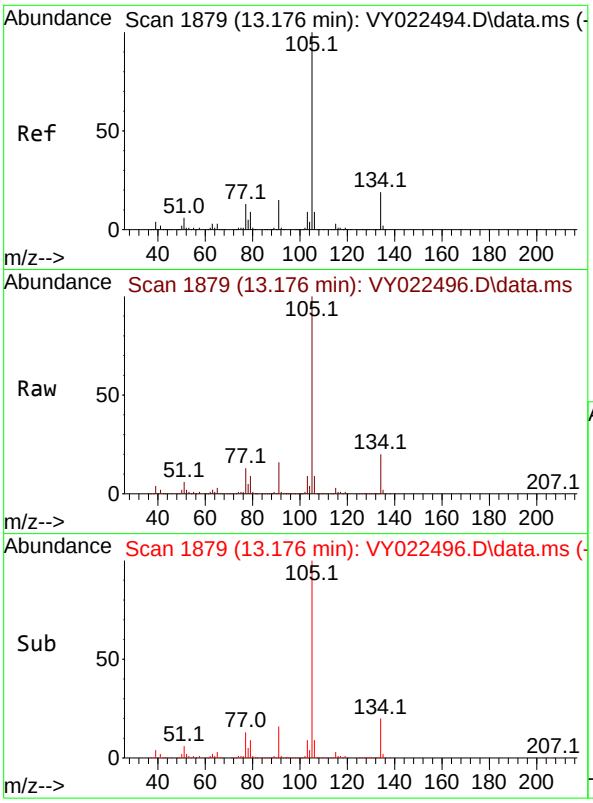


#84
1,2,4-Trimethylbenzene
Concen: 171.323 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1623289

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1

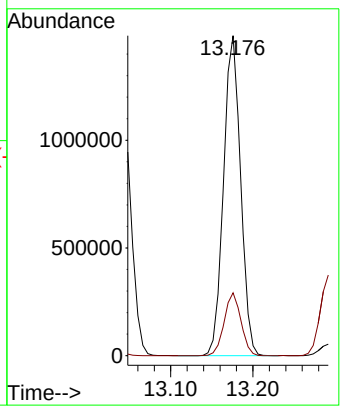




#85
sec-Butylbenzene
Concen: 163.415 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 214044

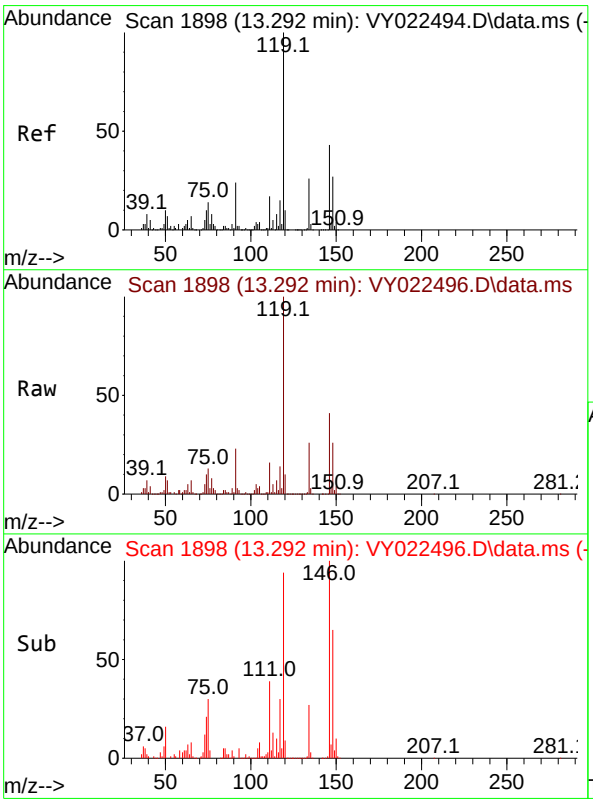
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

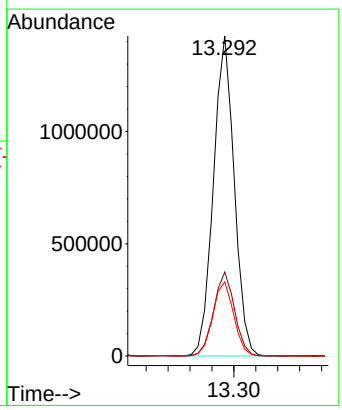
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

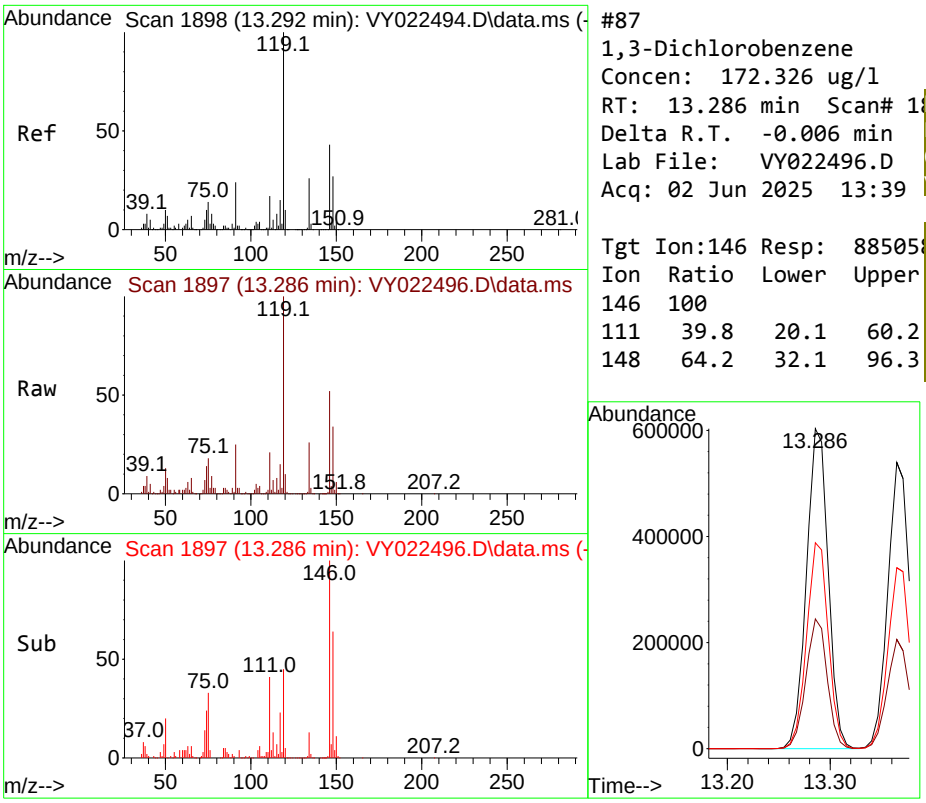


#86
p-Isopropyltoluene
Concen: 174.353 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 1877539

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.6	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 172.326 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

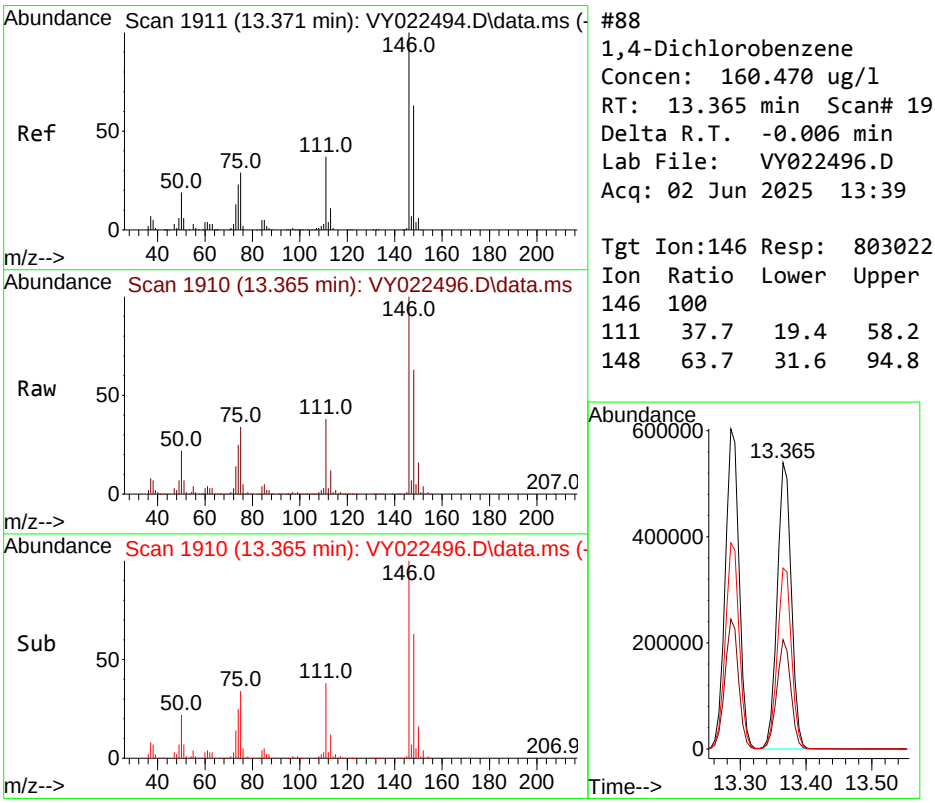
Tgt Ion:146 Resp: 88505

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.2	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

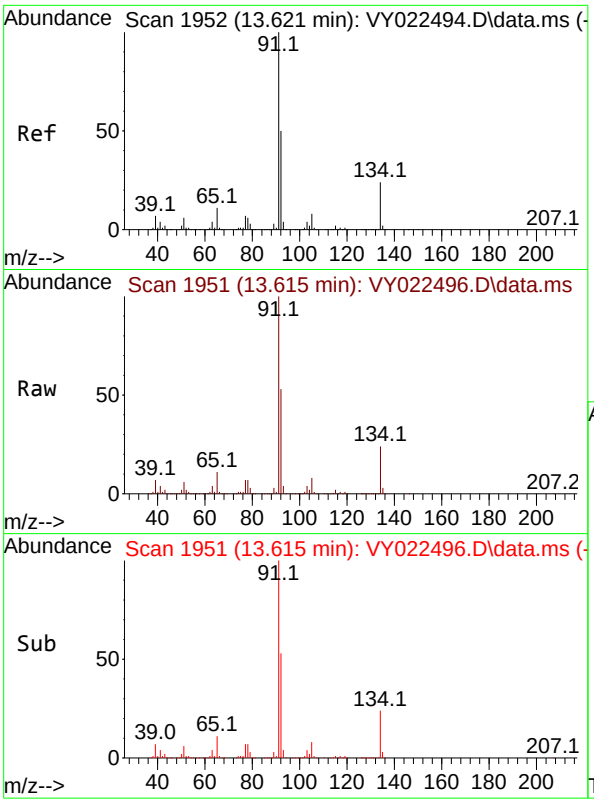
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 160.470 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 803022

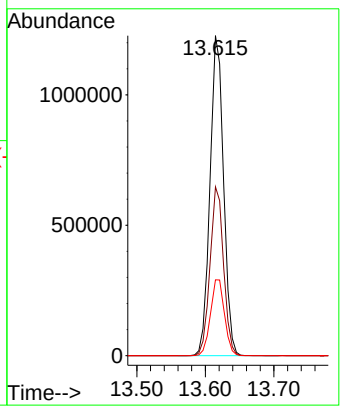
Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	63.7	31.6	94.8



#89
n-Butylbenzene
Concen: 164.939 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 169111

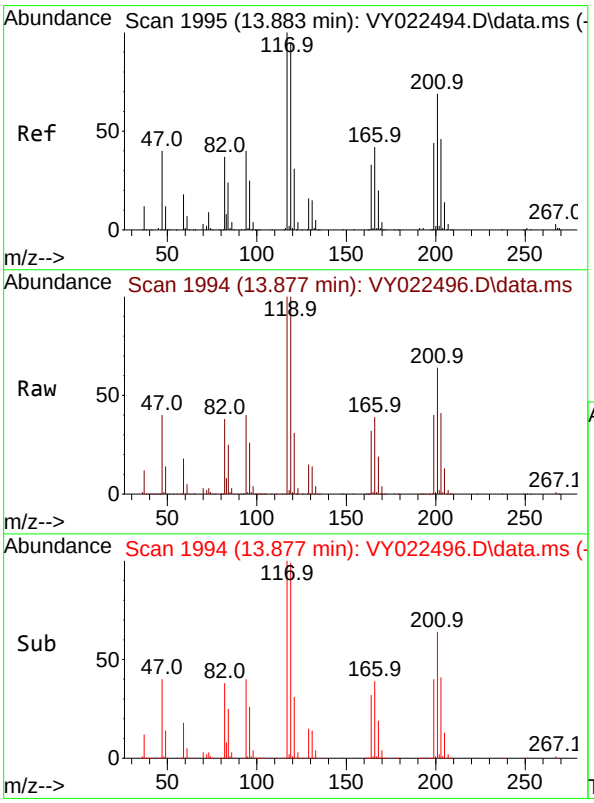
Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.9	77.8
134	24.6	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

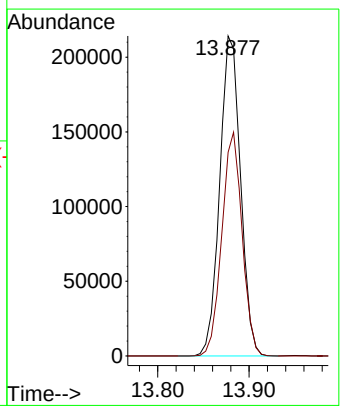
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

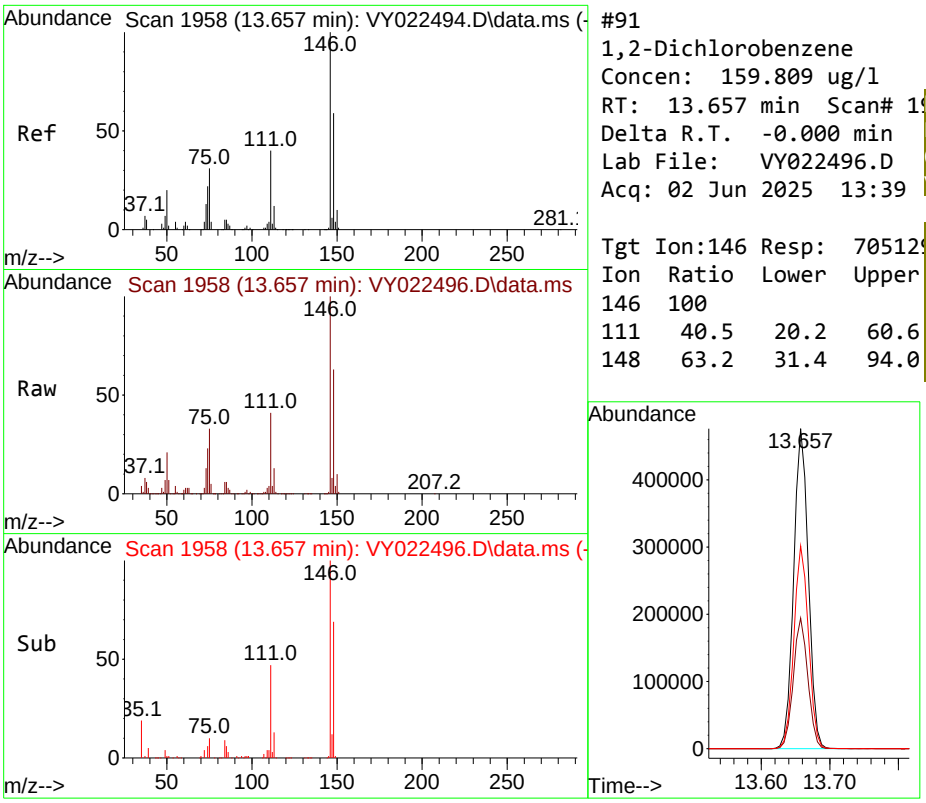


#90
Hexachloroethane
Concen: 160.801 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 338845

Ion	Ratio	Lower	Upper
117	100		
201	68.2	34.0	102.0





#91
1,2-Dichlorobenzene
Concen: 159.809 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

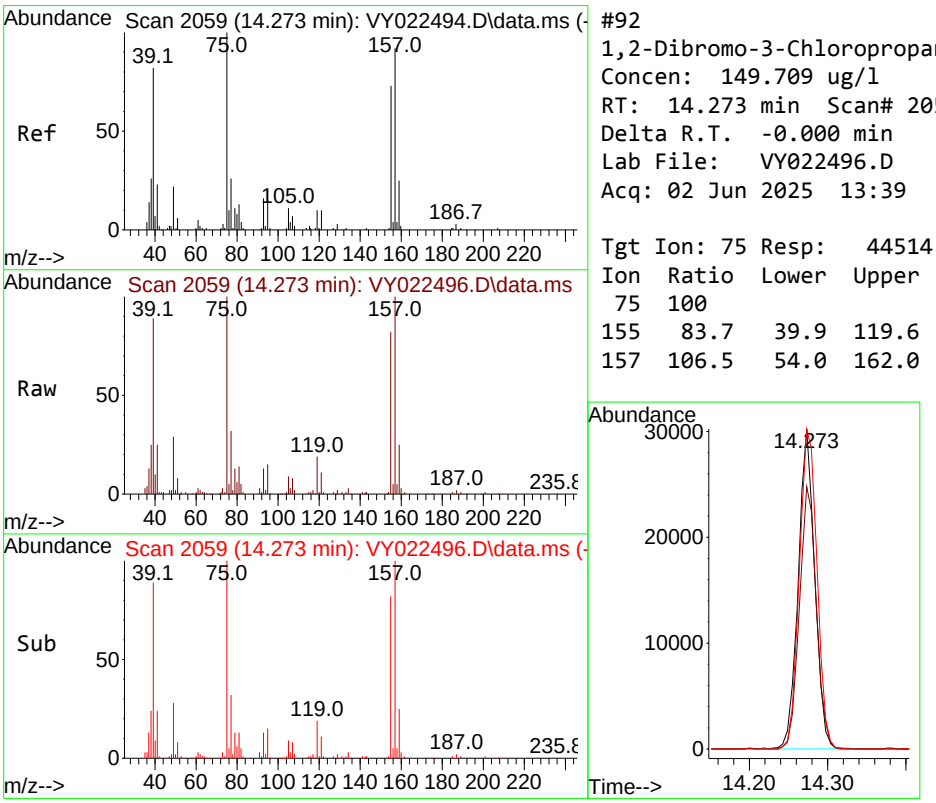
Tgt Ion:146 Resp: 70512

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	63.2	31.4	94.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

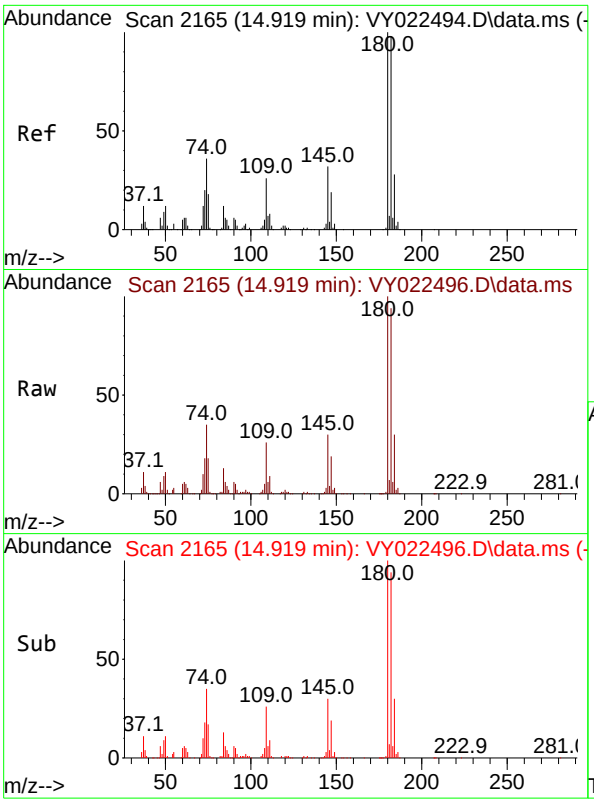
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 149.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 44514

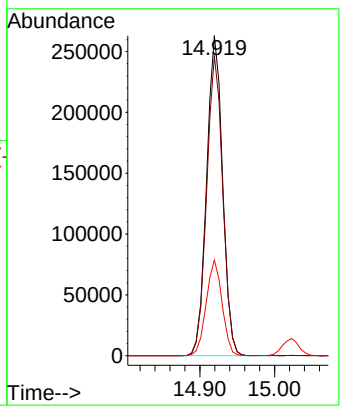
Ion	Ratio	Lower	Upper
75	100		
155	83.7	39.9	119.6
157	106.5	54.0	162.0



#93
1,2,4-Trichlorobenzene
Concen: 161.773 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 39017

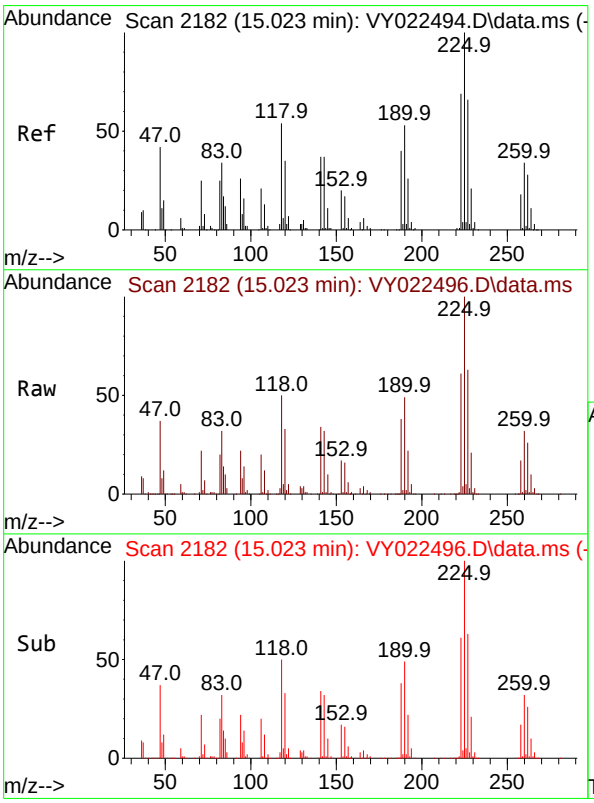
Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	29.7	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

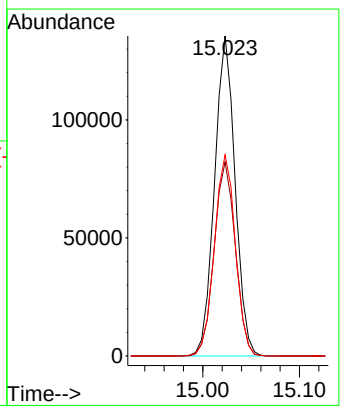
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

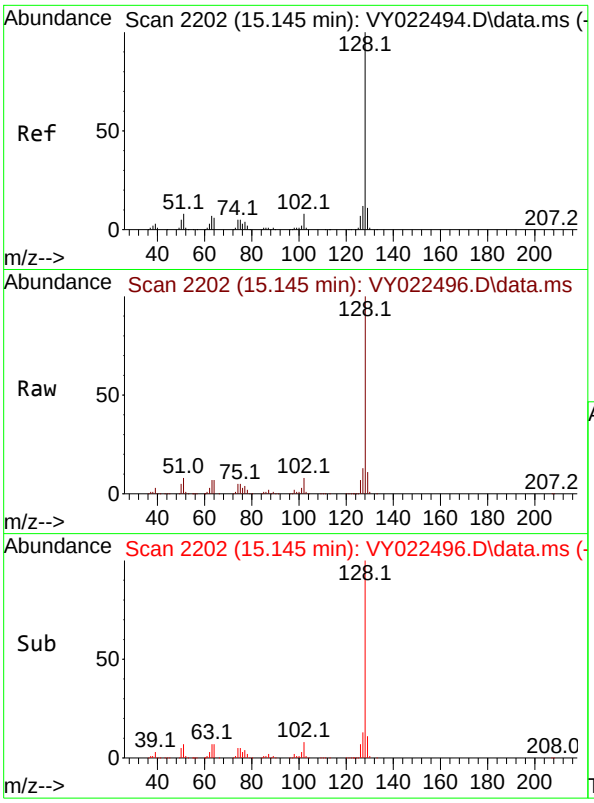


#94
Hexachlorobutadiene
Concen: 151.389 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:225 Resp: 199423

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.4
227	64.2	32.3	96.9

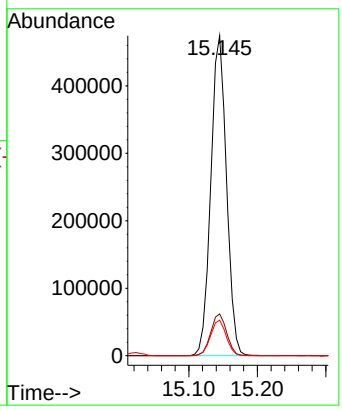




#95
Naphthalene
Concen: 162.970 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:128 Resp: 75327

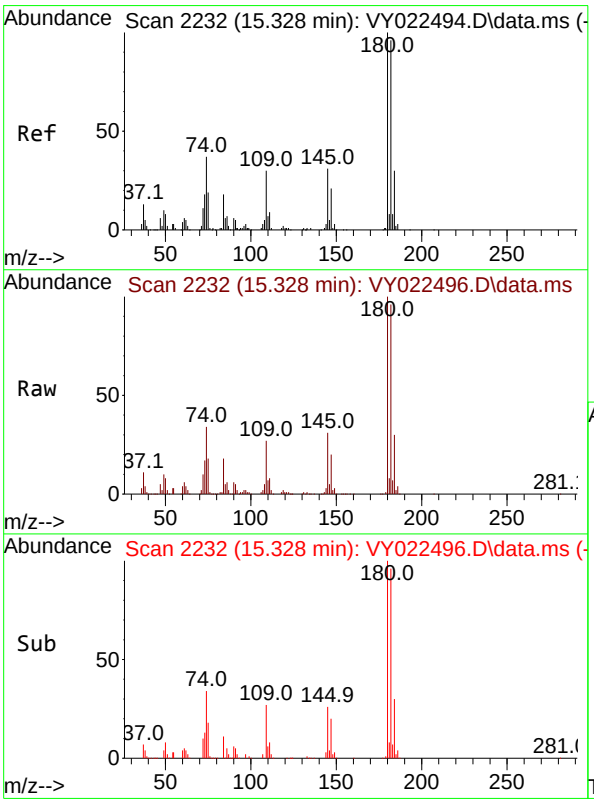
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

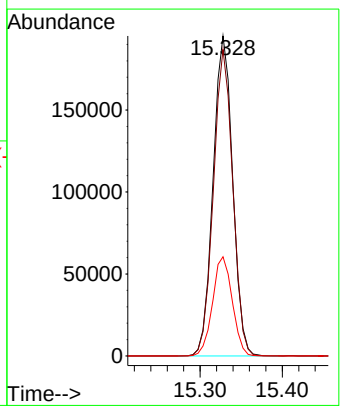
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 157.072 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 321960

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	31.3	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	219240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	365013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106759	43.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.080%			
35) Dibromofluoromethane	7.634	113	101692	46.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.360%			
50) Toluene-d8	10.109	98	411640	46.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.408	95	120253	45.847	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	84059	42.825	ug/l	99
3) Chloromethane	2.068	50	276116	47.616	ug/l	100
4) Vinyl Chloride	2.202	62	323338	48.066	ug/l	97
5) Bromomethane	2.599	94	274123	42.515	ug/l	99
6) Chloroethane	2.733	64	205816	44.575	ug/l	96
7) Trichlorofluoromethane	3.050	101	271122	47.475	ug/l	96
8) Diethyl Ether	3.458	74	56906	44.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108788	45.230	ug/l	99
10) Methyl Iodide	4.007	142	116830	44.885	ug/l	100
11) Tert butyl alcohol	4.879	59	36036	205.761	ug/l	97
12) 1,1-Dichloroethene	3.787	96	106297	46.234	ug/l	98
13) Acrolein	3.653	56	48776	223.473	ug/l	98
14) Allyl chloride	4.385	41	165428	45.834	ug/l	99
15) Acrylonitrile	5.061	53	118175	216.963	ug/l	100
16) Acetone	3.873	43	110479	221.854	ug/l	99
17) Carbon Disulfide	4.104	76	341772	46.432	ug/l	100
18) Methyl Acetate	4.391	43	57416	38.935	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	284761	43.974	ug/l	99
20) Methylene Chloride	4.616	84	115624	40.875	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	118427	46.024	ug/l	95
22) Diisopropyl ether	6.019	45	354328	44.104	ug/l	96
23) Vinyl Acetate	5.964	43	1064896	223.951	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217965	46.053	ug/l	98
25) 2-Butanone	6.897	43	158557	220.736	ug/l	98
26) 2,2-Dichloropropane	6.890	77	195035	46.639	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136882	46.024	ug/l	99
28) Bromochloromethane	7.244	49	96031	46.547	ug/l	100
29) Tetrahydrofuran	7.262	42	98109	211.767	ug/l	100
30) Chloroform	7.427	83	215264	45.919	ug/l	94
31) Cyclohexane	7.701	56	206176	43.757	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	194039	46.627	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166116	46.978	ug/l	99
37) Ethyl Acetate	6.988	43	68761	43.605	ug/l	98
38) Carbon Tetrachloride	7.823	117	173199	47.747	ug/l	97
39) Methylcyclohexane	9.110	83	222971	46.923	ug/l	99
40) Benzene	8.085	78	491078	47.020	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	39730	43.134	ug/l		99
42) 1,2-Dichloroethane	8.158	62	130161	45.644	ug/l		98
43) Isopropyl Acetate	8.201	43	150263	44.122	ug/l	#	88
44) Trichloroethene	8.866	130	118971	46.609	ug/l		97
45) 1,2-Dichloropropane	9.140	63	114988	46.587	ug/l		96
46) Dibromomethane	9.231	93	64473	46.430	ug/l		98
47) Bromodichloromethane	9.427	83	164872	46.825	ug/l		100
48) Methyl methacrylate	9.219	41	70644	44.198	ug/l		98
49) 1,4-Dioxane	9.231	88	13433	816.553	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.000	43	372276	219.250	ug/l		98
52) Toluene	10.170	92	309375	47.137	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	152066	46.094	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	177445	46.206	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	79596	44.953	ug/l		96
56) Ethyl methacrylate	10.439	69	115237	45.029	ug/l		99
57) 1,3-Dichloropropane	10.719	76	143407	45.696	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	283213	243.746	ug/l		99
59) 2-Hexanone	10.762	43	249926	220.088	ug/l		99
60) Dibromochloromethane	10.914	129	101515	45.114	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74173	45.960	ug/l		97
64) Tetrachloroethene	10.646	164	121944	45.398	ug/l		98
65) Chlorobenzene	11.444	112	317533	45.953	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105830	45.464	ug/l		98
67) Ethyl Benzene	11.518	91	605560	47.248	ug/l		99
68) m/p-Xylenes	11.633	106	454148	93.473	ug/l		100
69) o-Xylene	11.957	106	209354	45.959	ug/l		98
70) Styrene	11.969	104	352505	46.815	ug/l		98
71) Bromoform	12.133	173	55559	44.852	ug/l	#	98
73) Isopropylbenzene	12.255	105	559690	46.933	ug/l		100
74) N-amyl acetate	12.072	43	136915	45.502	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87402	44.656	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	68304m	41.103	ug/l		
77) Bromobenzene	12.536	156	114771	45.607	ug/l		100
78) n-propylbenzene	12.597	91	680155	46.696	ug/l		99
79) 2-Chlorotoluene	12.682	91	358756	46.472	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	438873	46.876	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	29567	42.968	ug/l		100
82) 4-Chlorotoluene	12.780	91	368631	46.289	ug/l		100
83) tert-Butylbenzene	12.999	119	400440	47.655	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	437631	46.735	ug/l		99
85) sec-Butylbenzene	13.176	105	607968	47.241	ug/l		100
86) p-Isopropyltoluene	13.292	119	501979	47.321	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	234193	45.932	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	223096	45.113	ug/l		98
89) n-Butylbenzene	13.621	91	482774	47.968	ug/l		100
90) Hexachloroethane	13.883	117	97273	47.101	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	195728	45.213	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12728	44.665	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	109742	46.481	ug/l		97
94) Hexachlorobutadiene	15.023	225	59236	45.457	ug/l		98
95) Naphthalene	15.145	128	203925	45.009	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	89699	44.331	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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

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

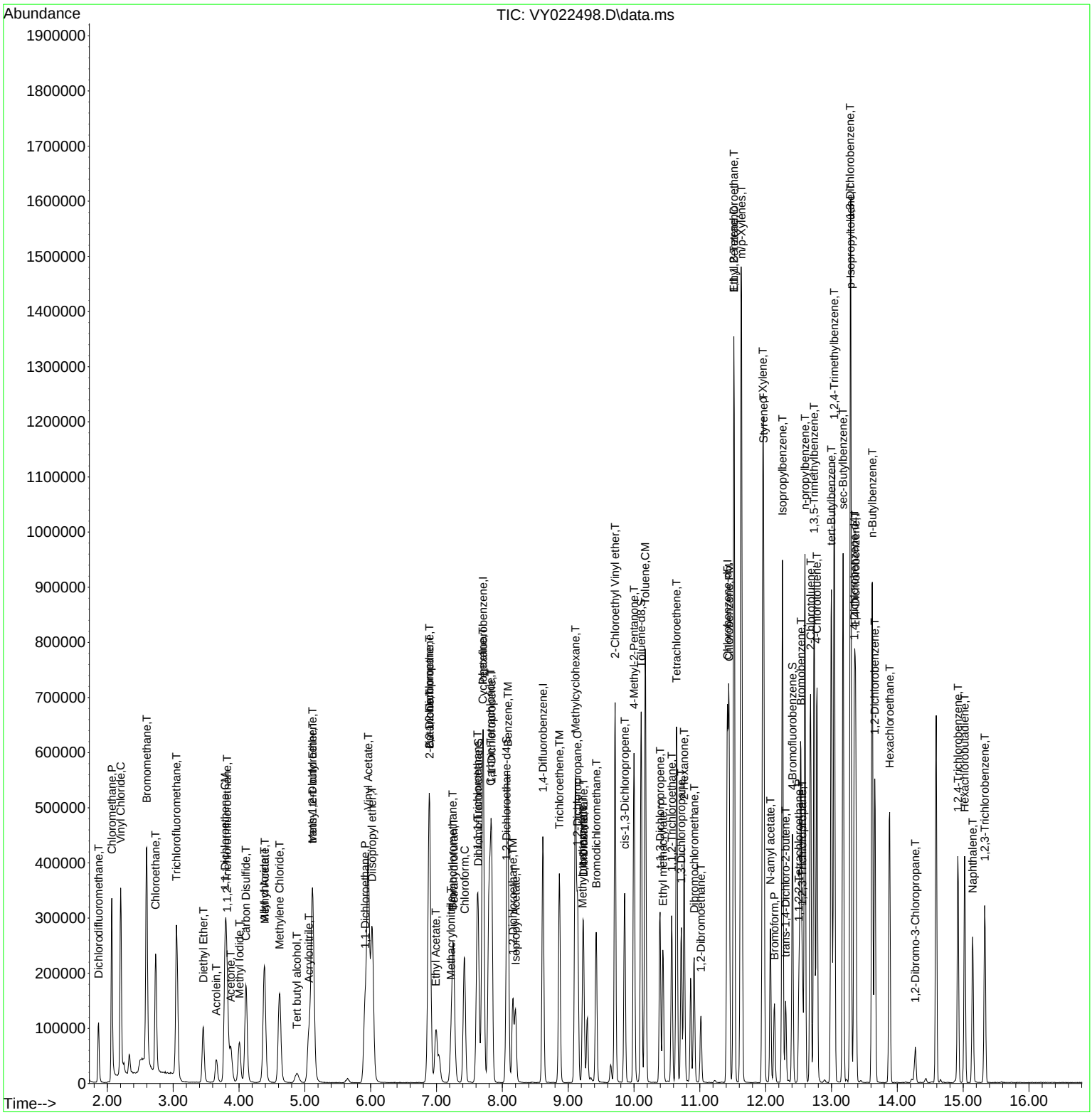
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Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

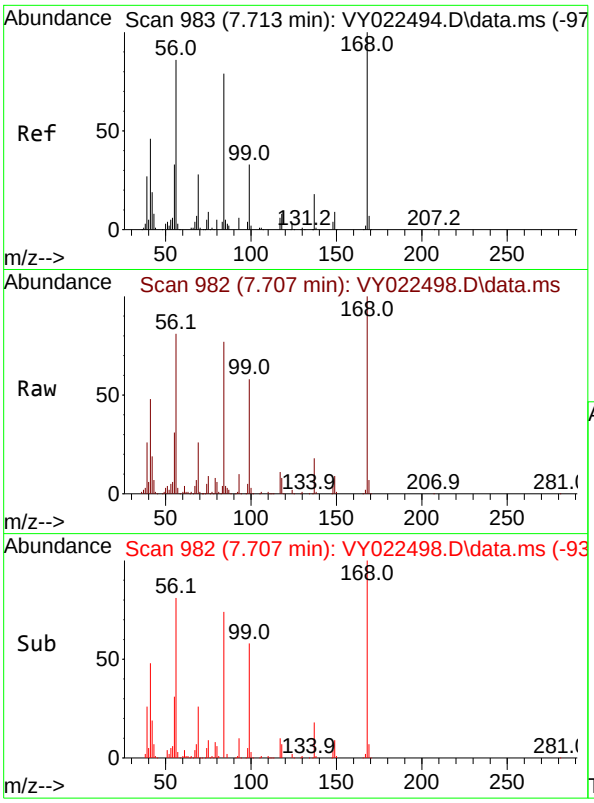
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
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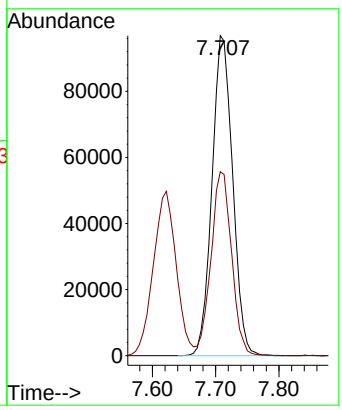




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:168 Resp: 21924

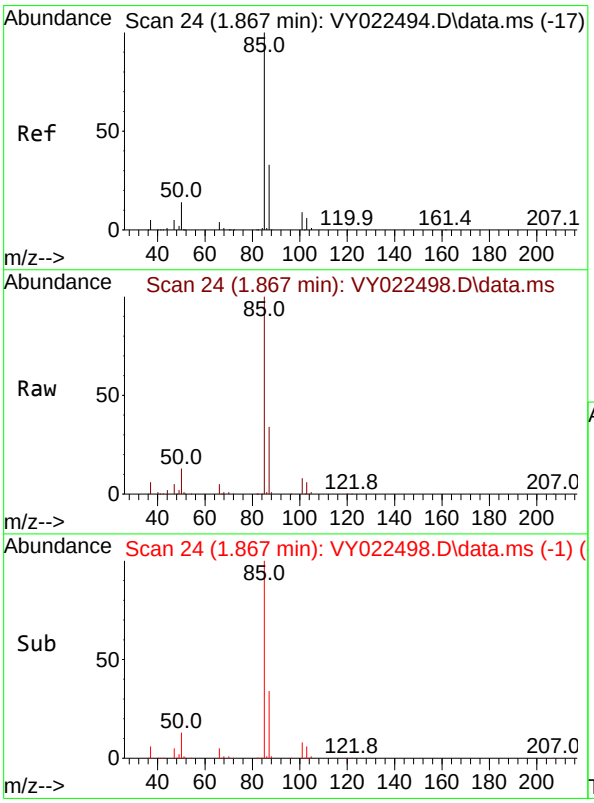
Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

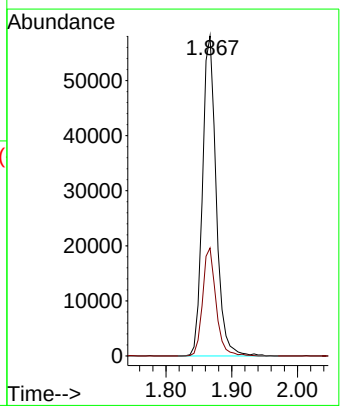
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

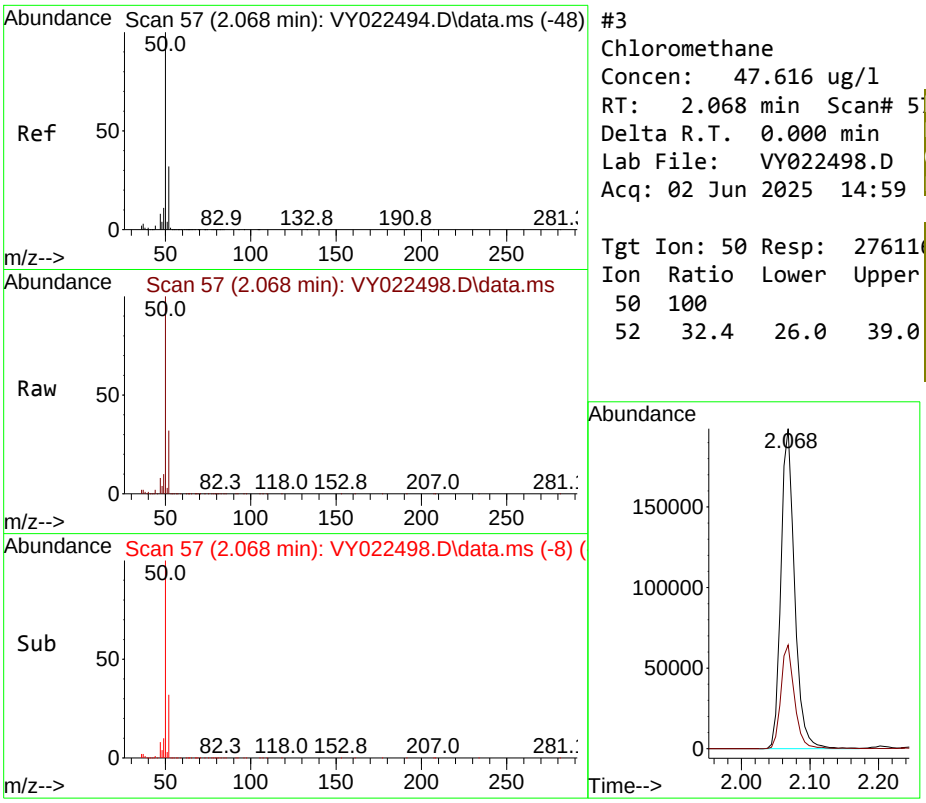


#2
Dichlorodifluoromethane
Concen: 42.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 85 Resp: 84059

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0





#3
Chloromethane
Concen: 47.616 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

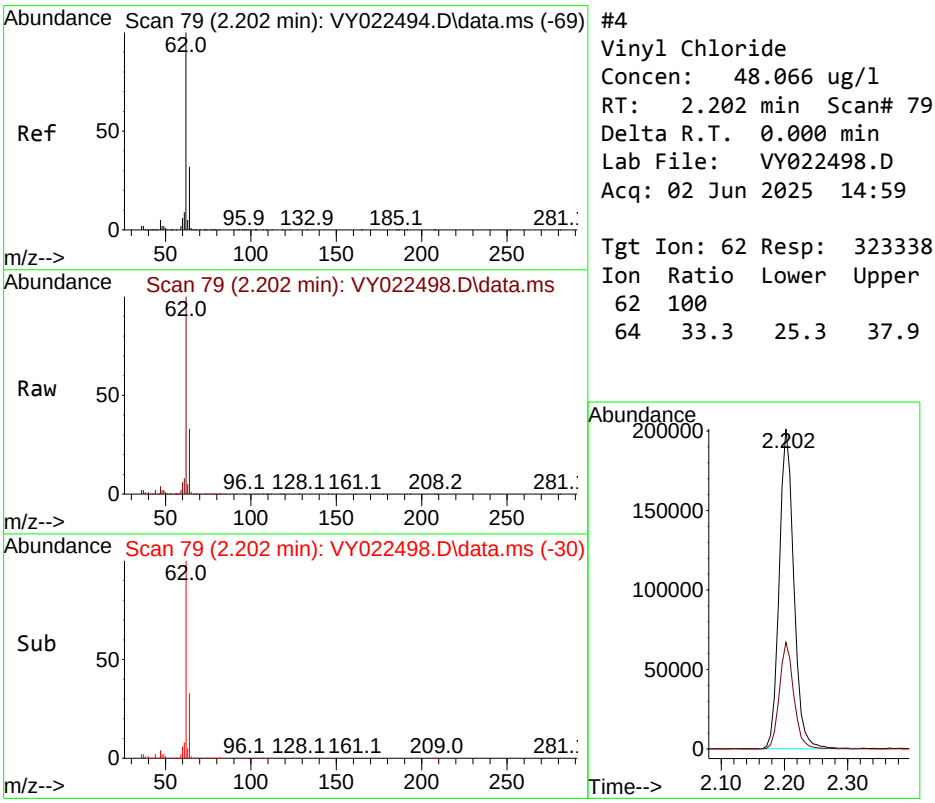
Tgt Ion: 50 Resp: 27611

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

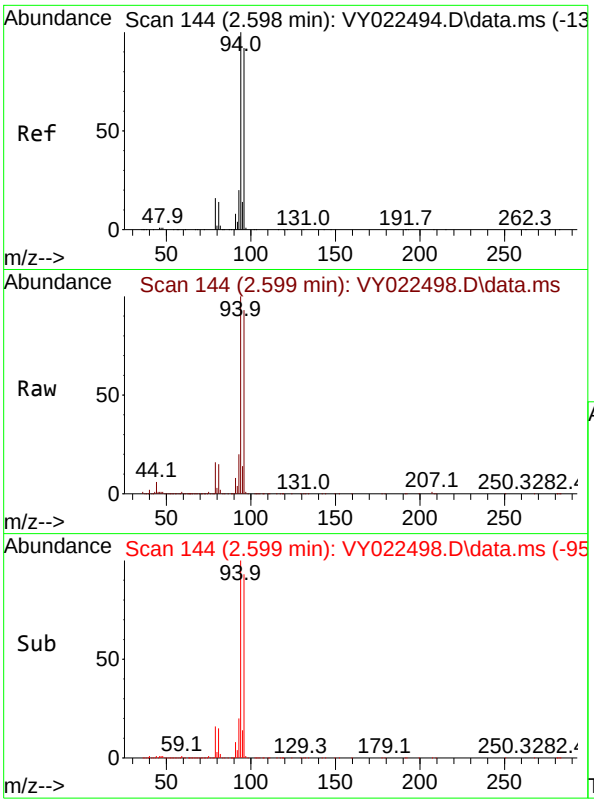
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 323338

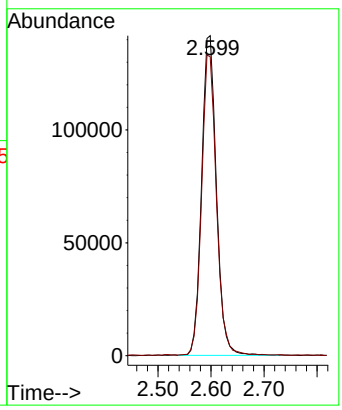
Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9



#5
Bromomethane
Concen: 42.515 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 94 Resp: 27412

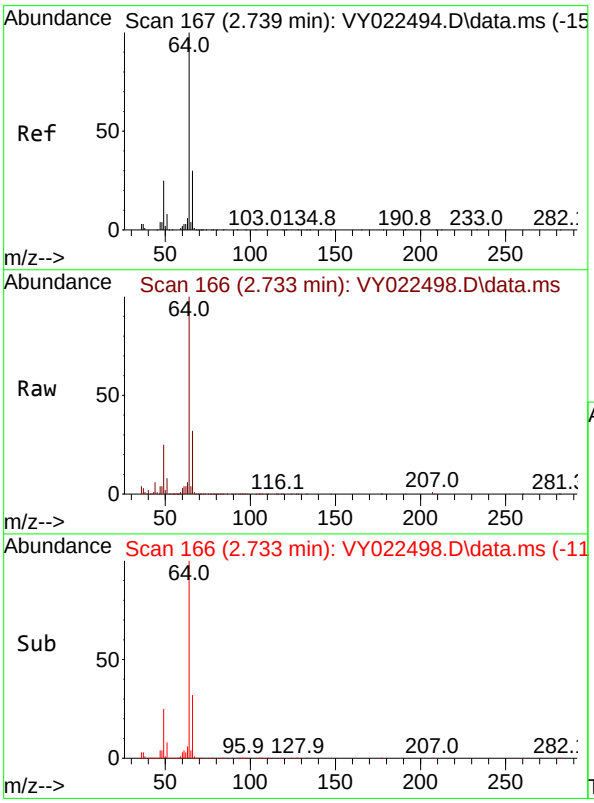
Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

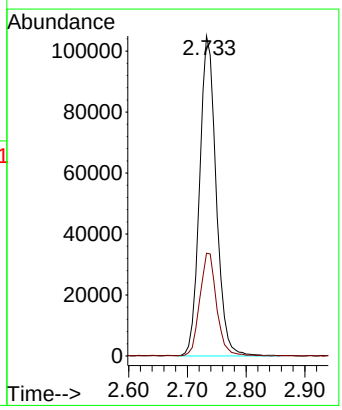
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

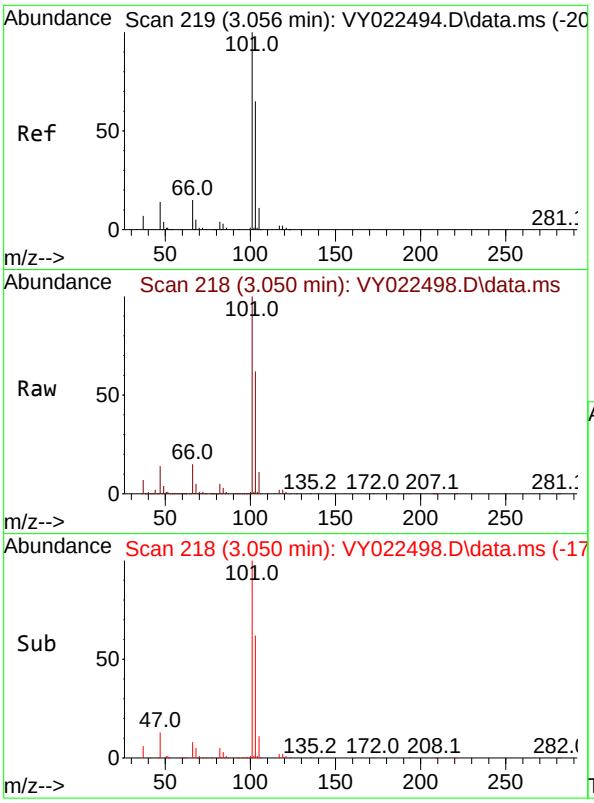


#6
Chloroethane
Concen: 44.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 64 Resp: 205816

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.8	35.6

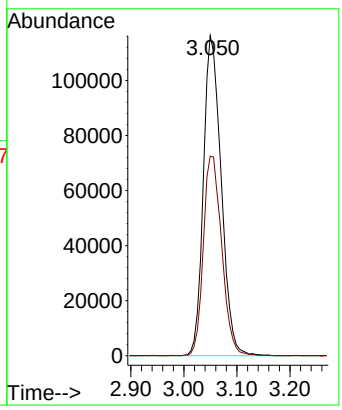




#7
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:101 Resp: 27112

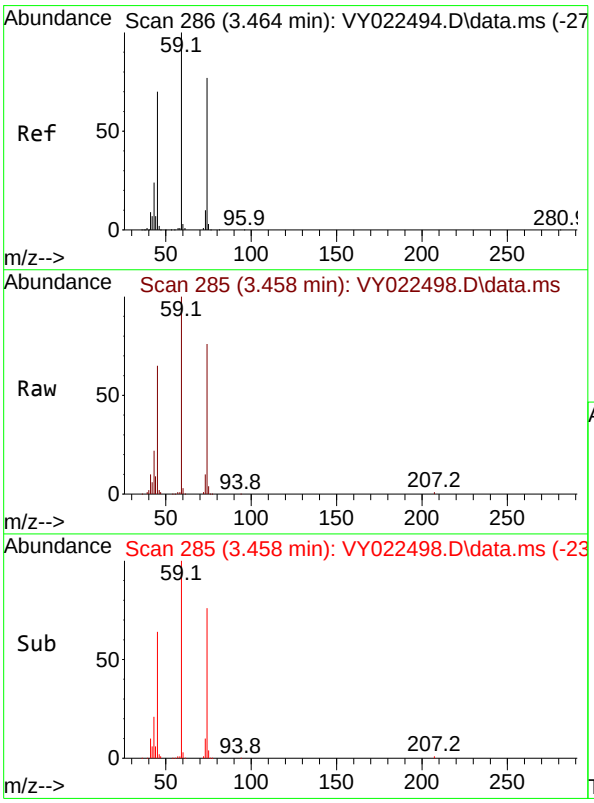
Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

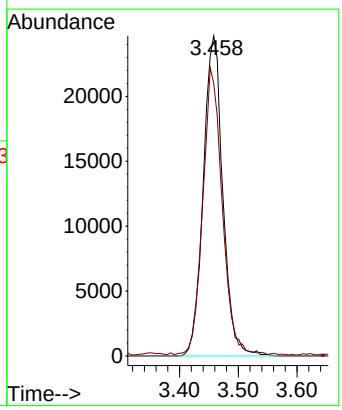
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

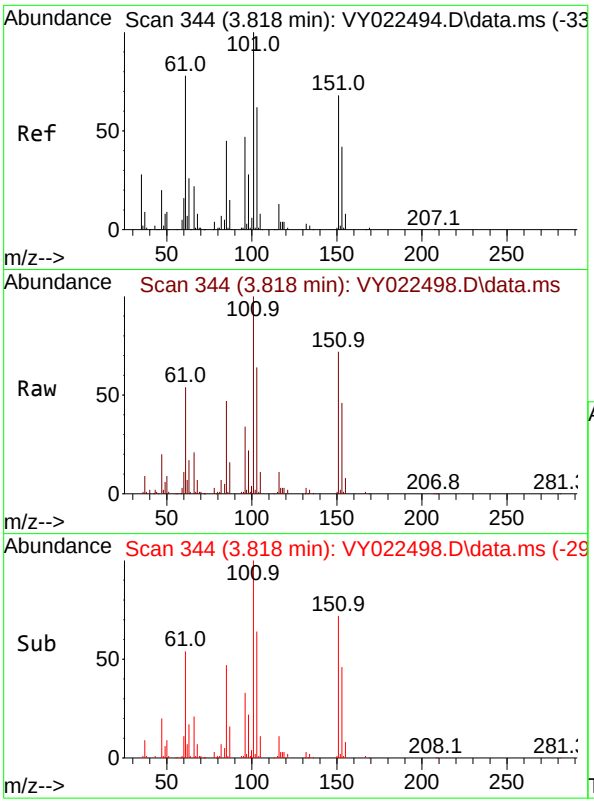


#8
Diethyl Ether
Concen: 44.247 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 74 Resp: 56906

Ion	Ratio	Lower	Upper
74	100		
45	89.1	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.230 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

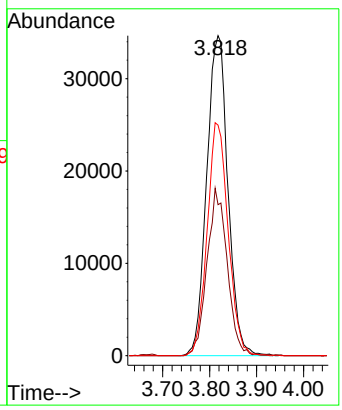
Tgt Ion:101 Resp: 10878

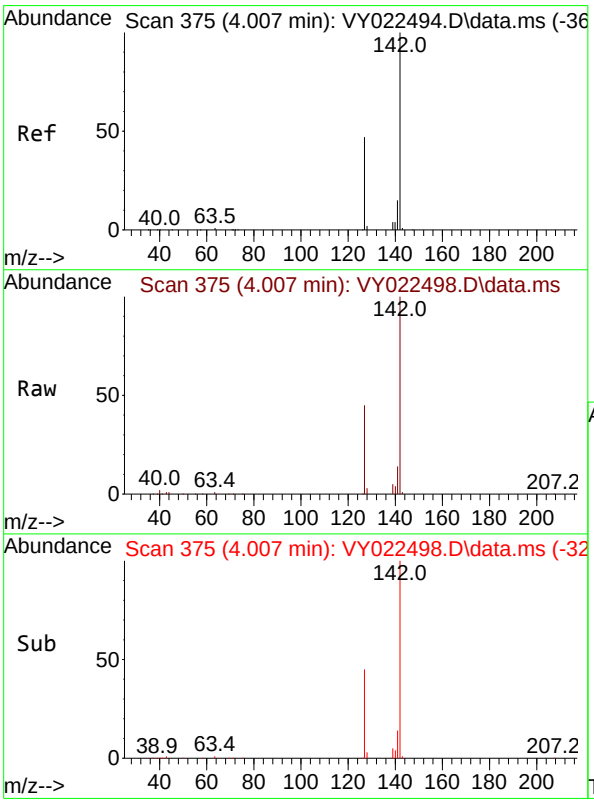
Ion	Ratio	Lower	Upper
101	100		
85	49.7	39.3	58.9
151	71.8	57.8	86.8

Instrument :
MSVOA_Y
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ICVVY060225

Manual Integrations
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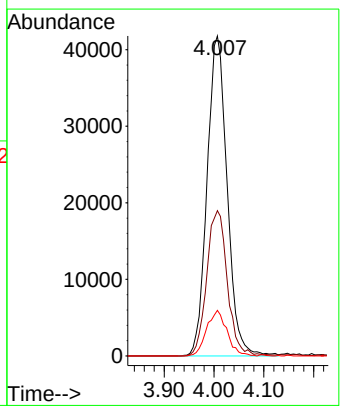


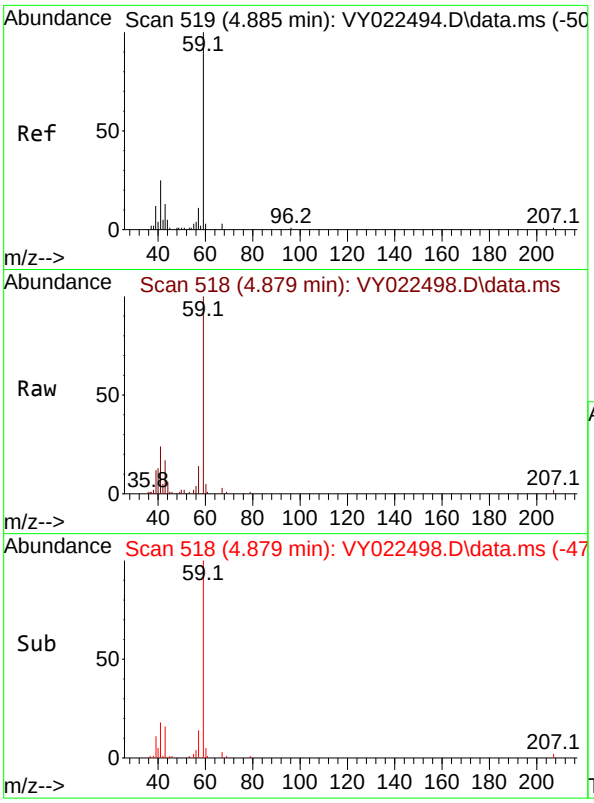


#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:142 Resp: 116830

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.5	11.4	17.2

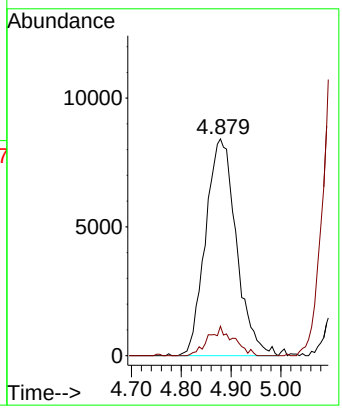




#11
Tert butyl alcohol
Concen: 205.761 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 59 Resp: 3603

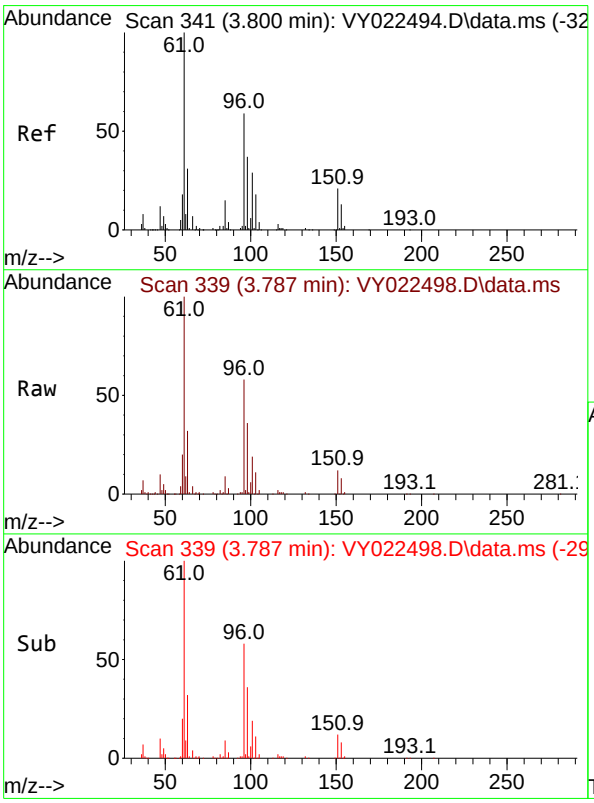
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.0	12.0



Instrument :
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Manual Integrations
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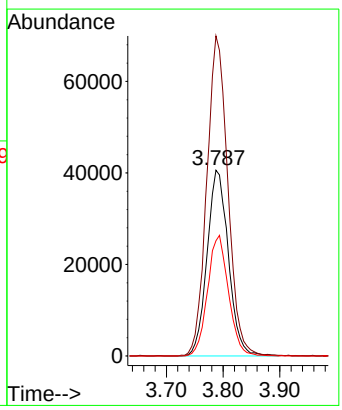
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

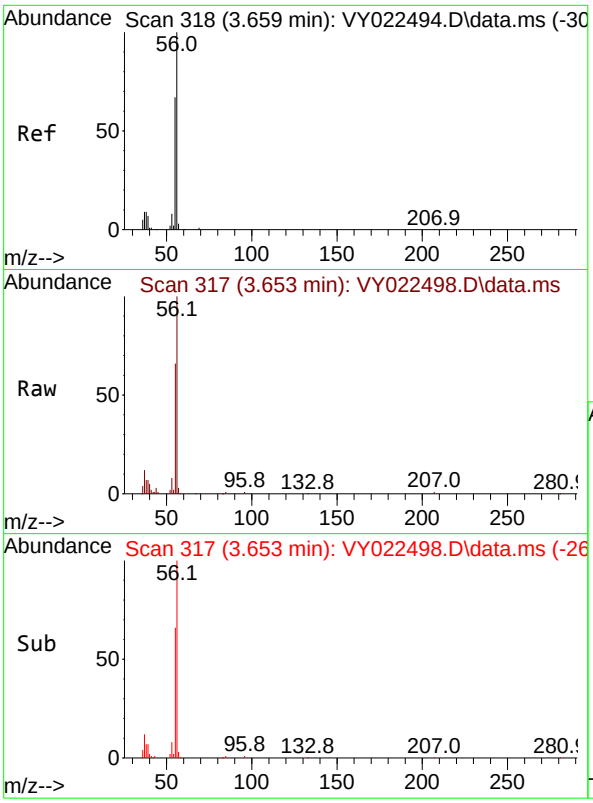


#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 106297

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	201.8
98	62.0	50.2	75.4

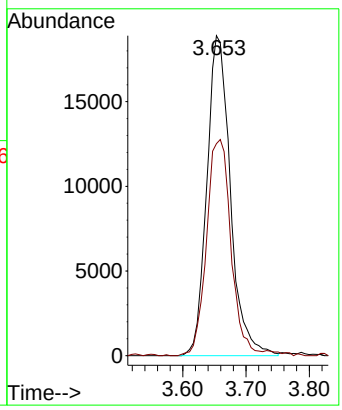




#13
Acrolein
Concen: 223.473 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 56 Resp: 4877

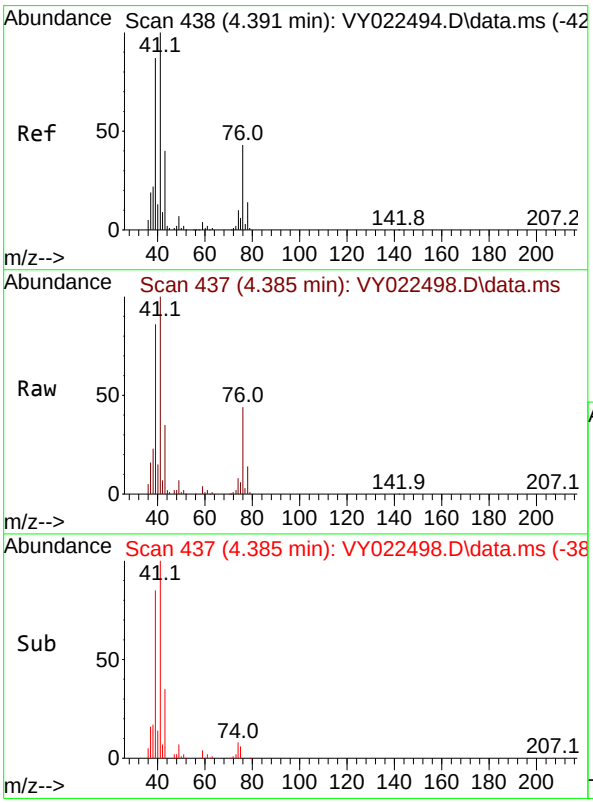
Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.0	85.6



Instrument :
MSVOA_Y
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Manual Integrations
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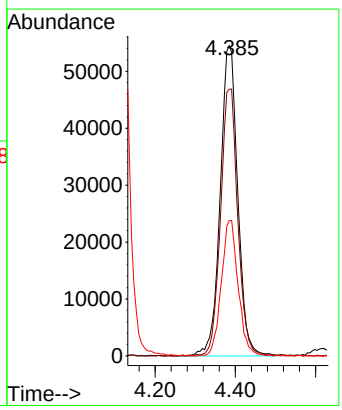
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

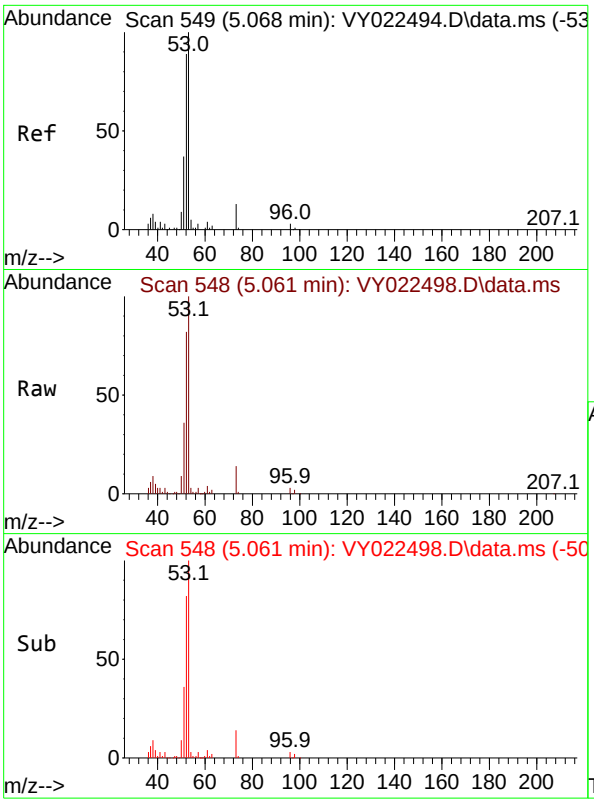


#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 165428

Ion	Ratio	Lower	Upper
41	100		
39	84.5	69.1	103.7
76	41.9	33.5	50.3

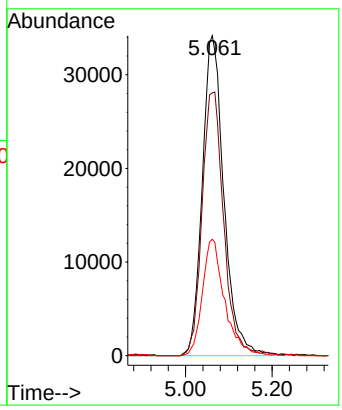




#15
Acrylonitrile
Concen: 216.963 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 53 Resp: 11817

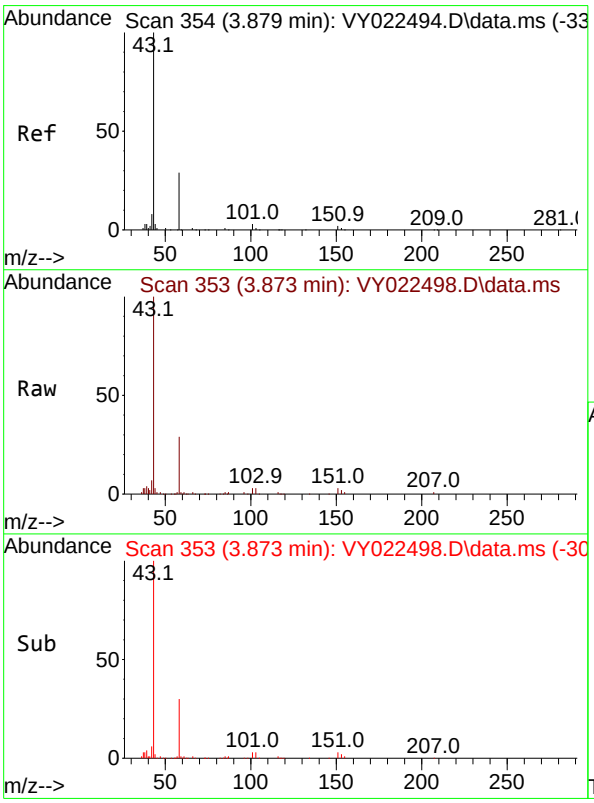
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.5	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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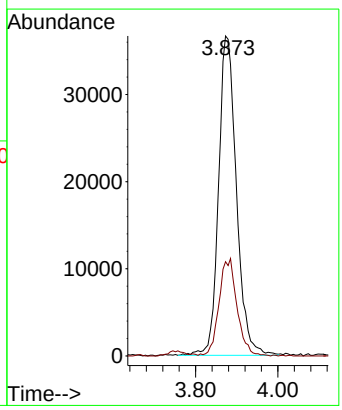
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

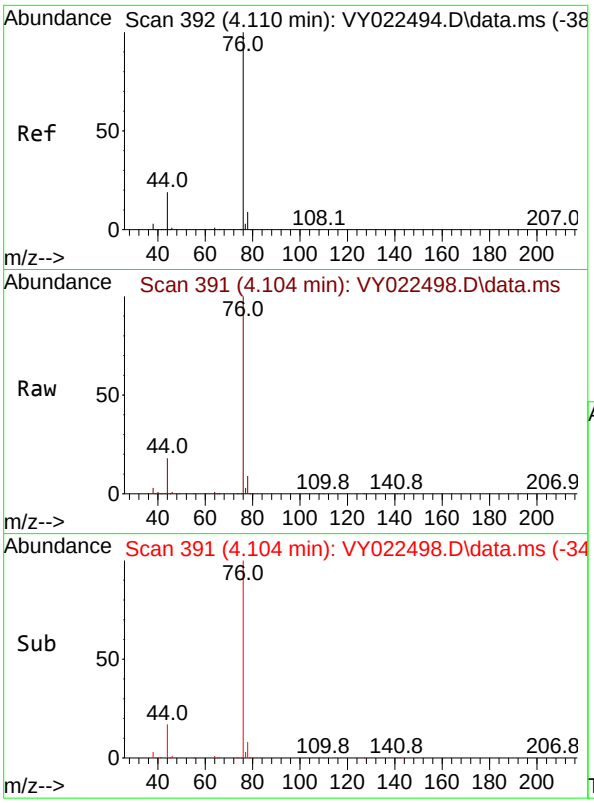


#16
Acetone
Concen: 221.854 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 110479

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0

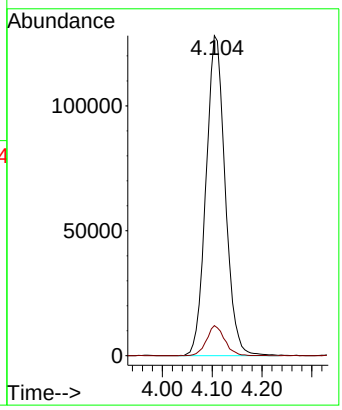




#17
Carbon Disulfide
Concen: 46.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 76 Resp: 34177

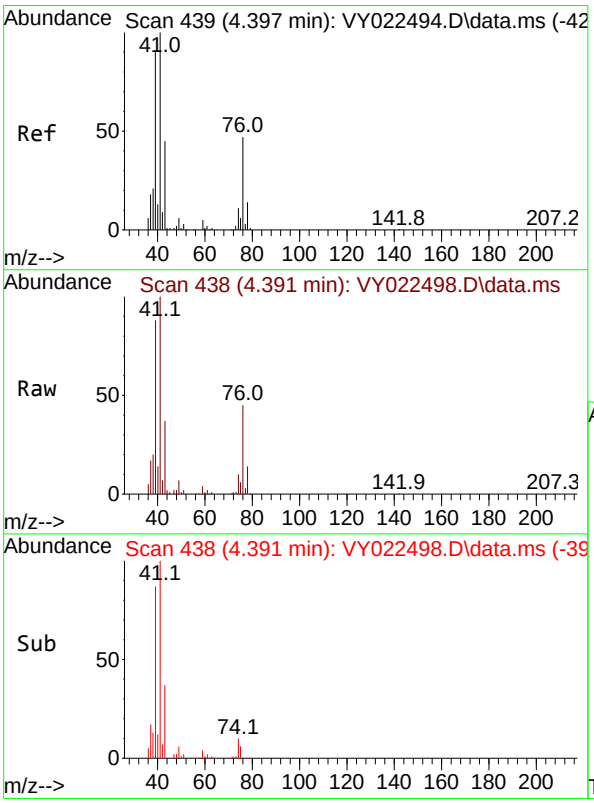
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

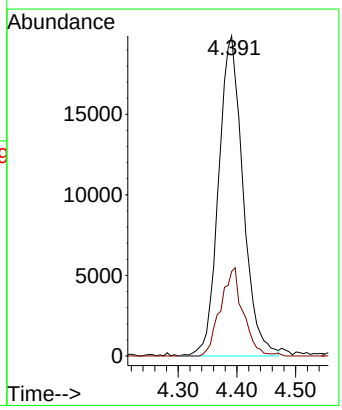
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

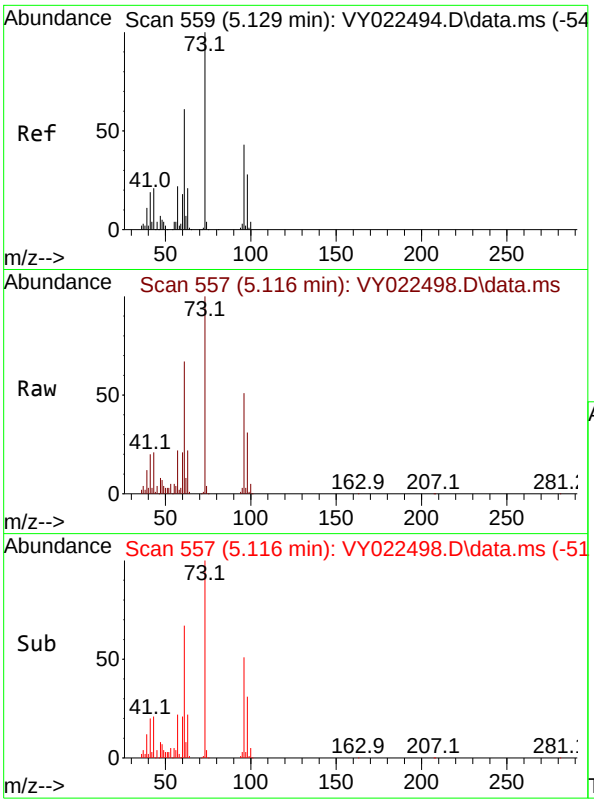


#18
Methyl Acetate
Concen: 38.935 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 57416

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6

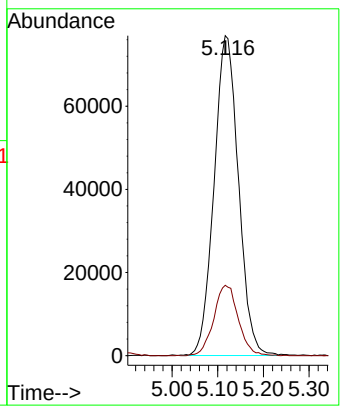




#19
Methyl tert-butyl Ether
Concen: 43.974 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 73 Resp: 28476

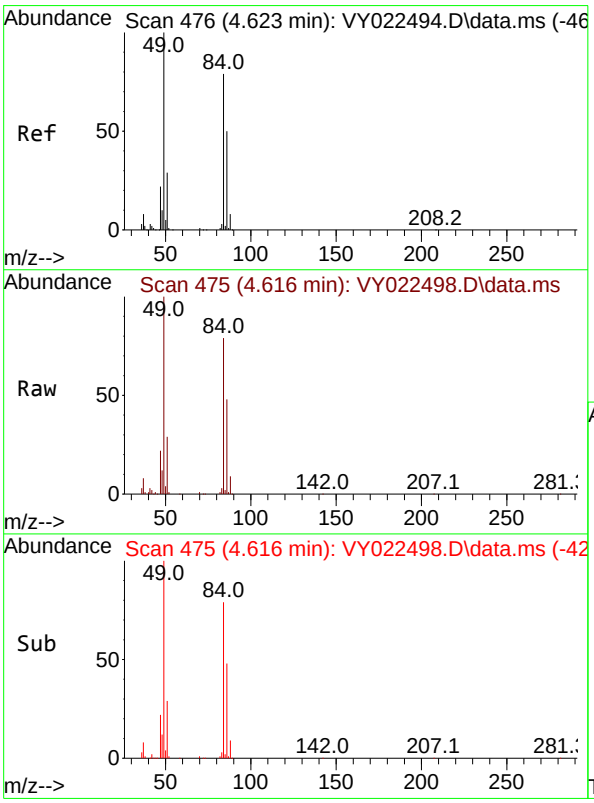
Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

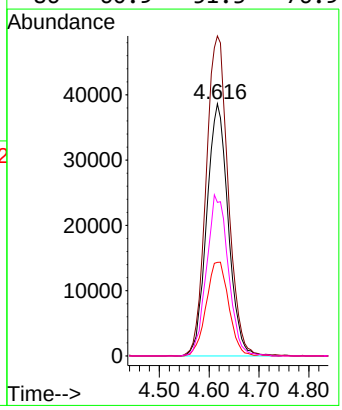
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

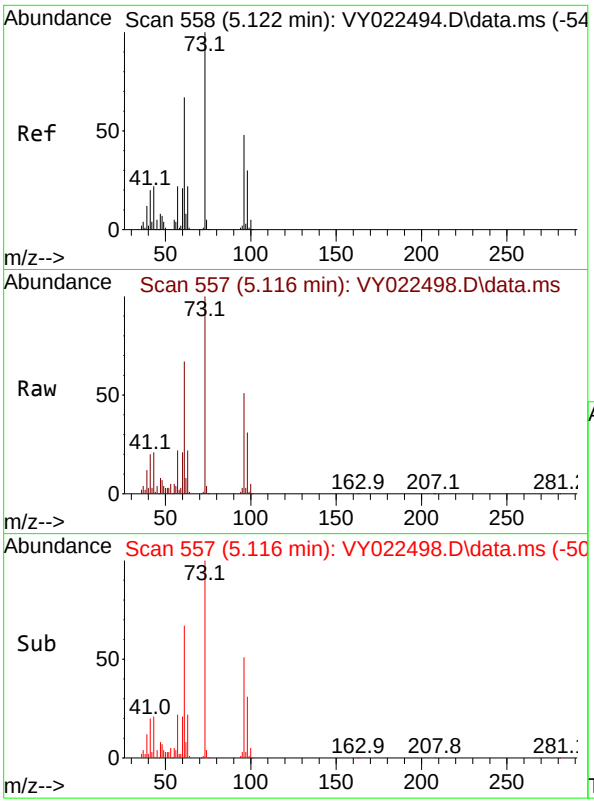


#20
Methylene Chloride
Concen: 40.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 84 Resp: 115624

Ion	Ratio	Lower	Upper
84	100		
49	126.9	101.9	152.9
51	37.1	29.8	44.8
86	60.9	51.3	76.9

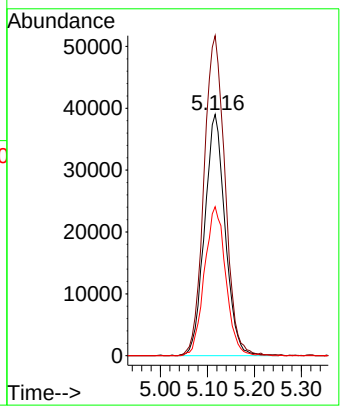




#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 11842

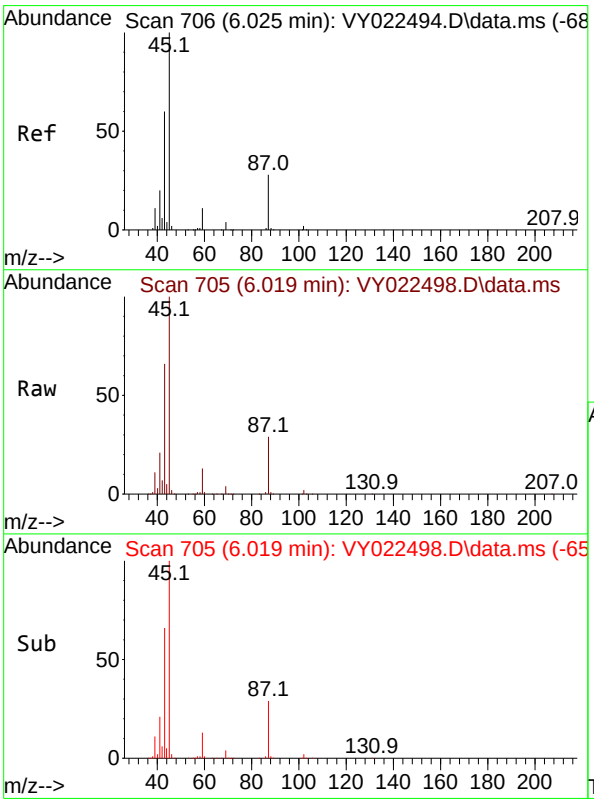
Ion	Ratio	Lower	Upper
96	100		
61	132.6	112.6	169.0
98	61.8	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

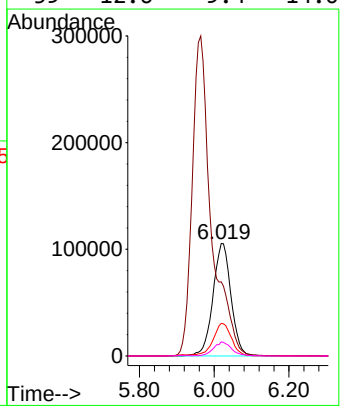
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

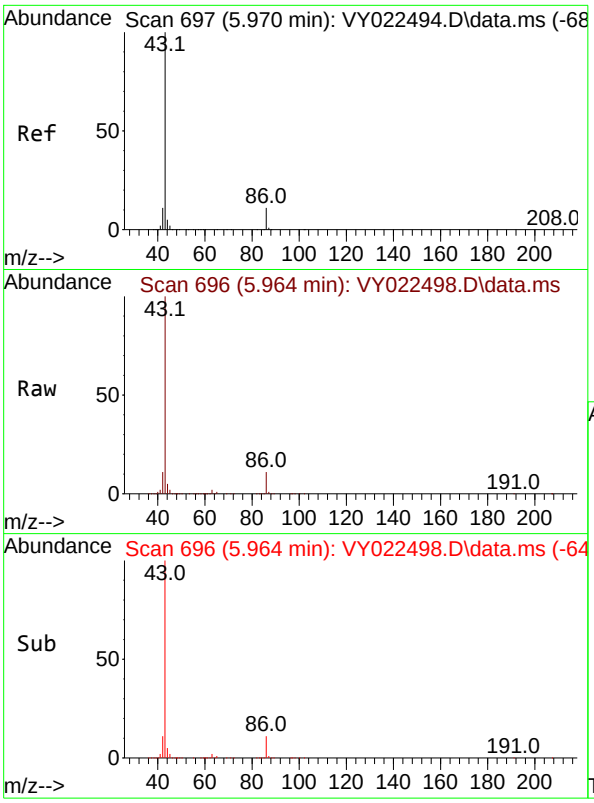


#22
Diisopropyl ether
Concen: 44.104 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 45 Resp: 354328

Ion	Ratio	Lower	Upper
45	100		
43	65.4	48.3	72.5
87	28.8	23.0	34.6
59	12.6	9.4	14.0





#23
Vinyl Acetate
Concen: 223.951 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

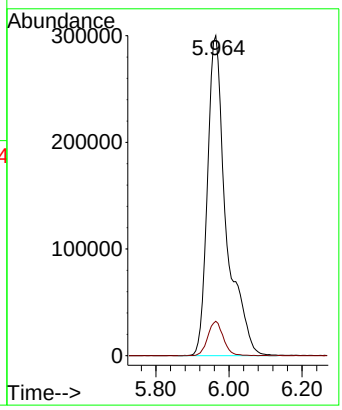
Tgt Ion: 43 Resp: 106489

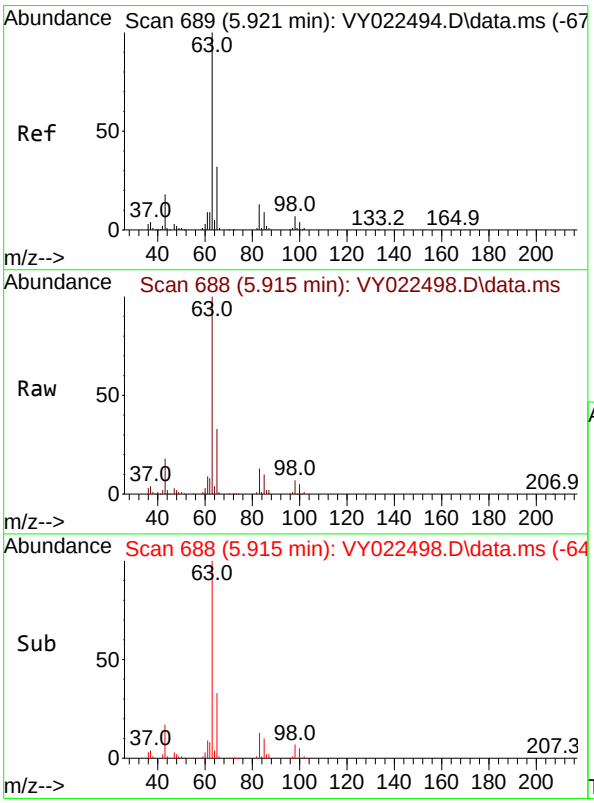
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

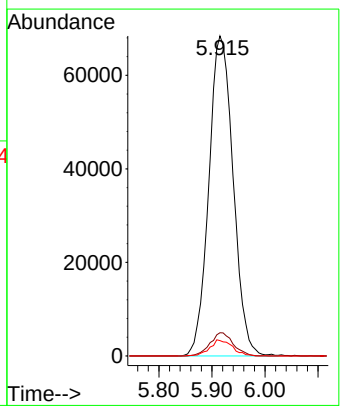


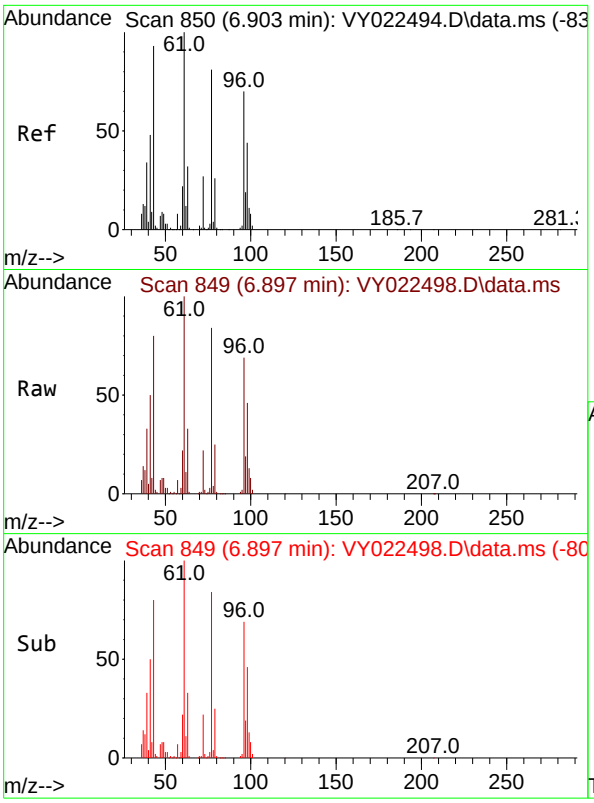


#24
1,1-Dichloroethane
Concen: 46.053 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 217965

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.8	2.1	6.3

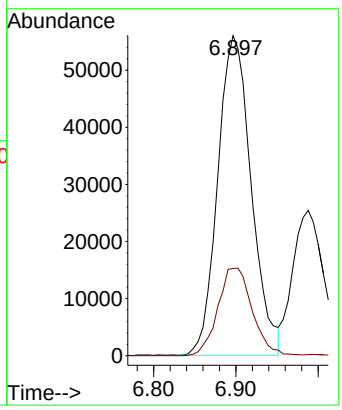




#25
2-Butanone
Concen: 220.736 ug/l
RT: 6.897 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 15855

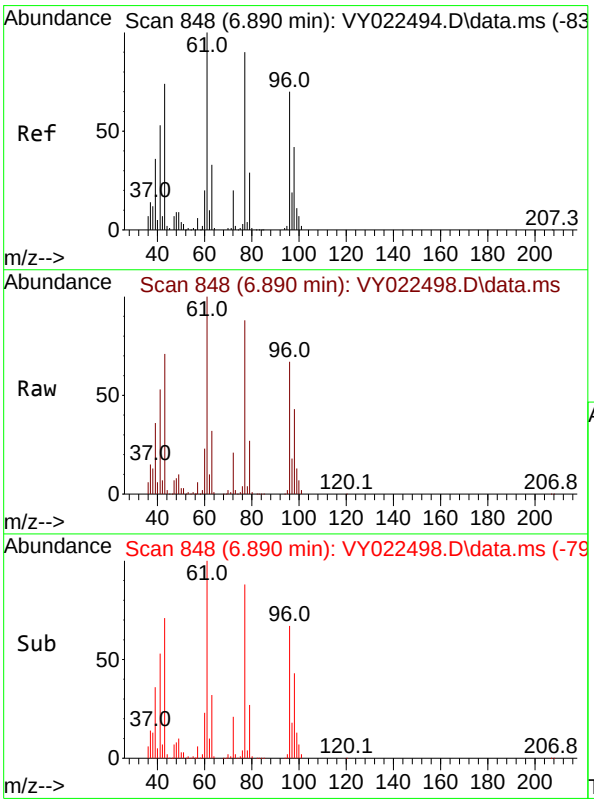
Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

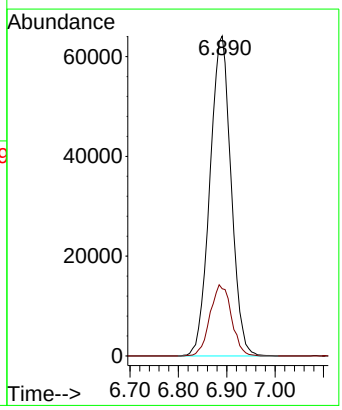
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

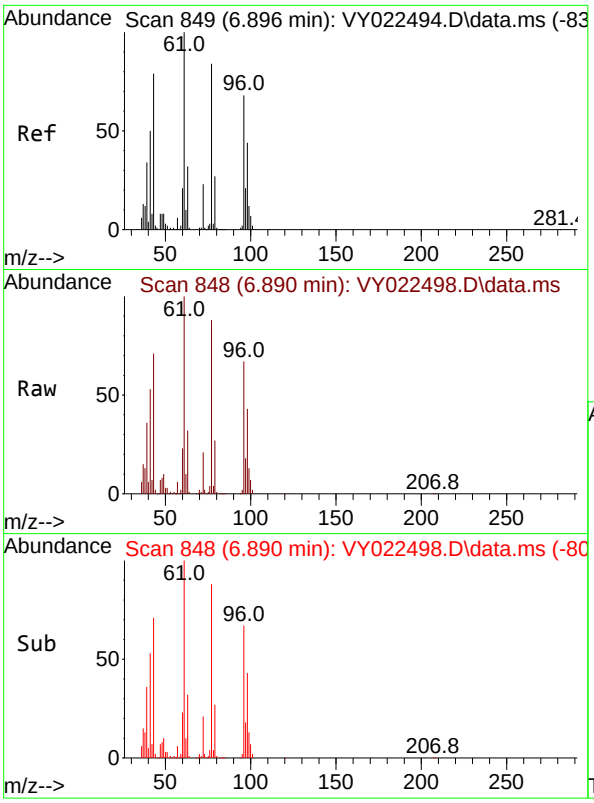


#26
2,2-Dichloropropane
Concen: 46.639 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 77 Resp: 195035

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.2

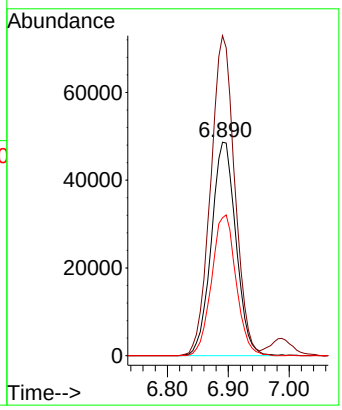




#27
cis-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 13688

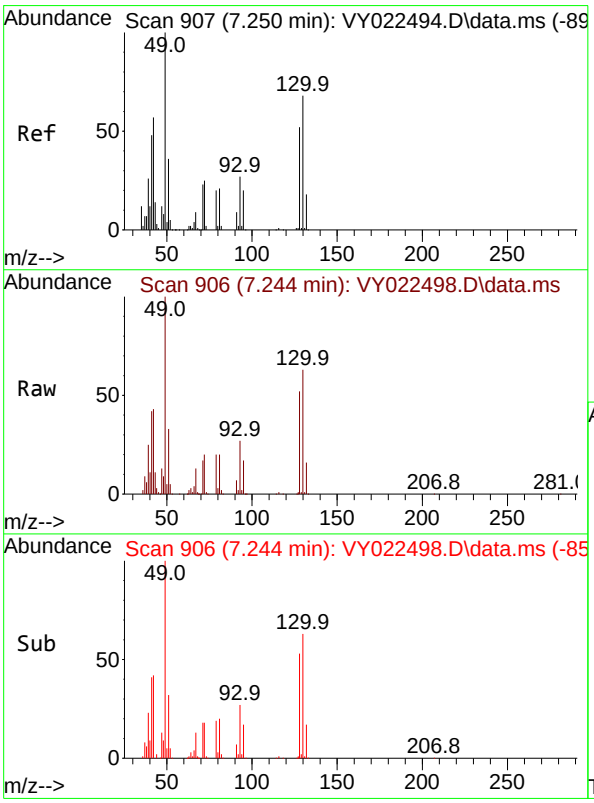
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	290.0
98	65.3	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

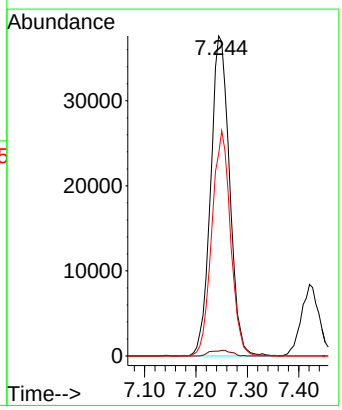
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

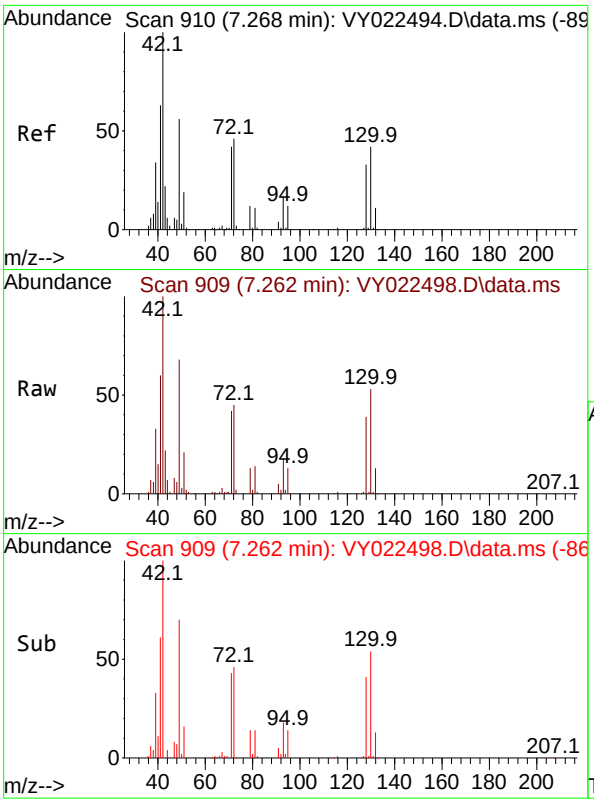


#28
Bromochloromethane
Concen: 46.547 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 49 Resp: 96031

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	69.6	55.7	83.5

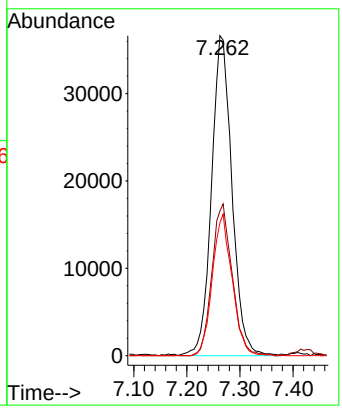




#29
Tetrahydrofuran
Concen: 211.767 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 42 Resp: 9810

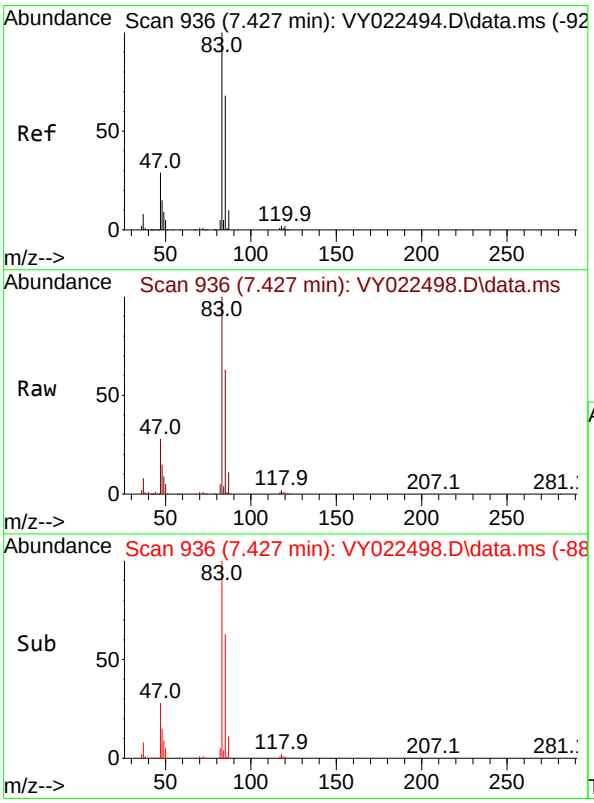
Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.2
71	42.7	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

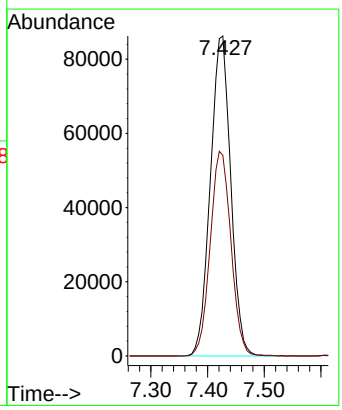
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

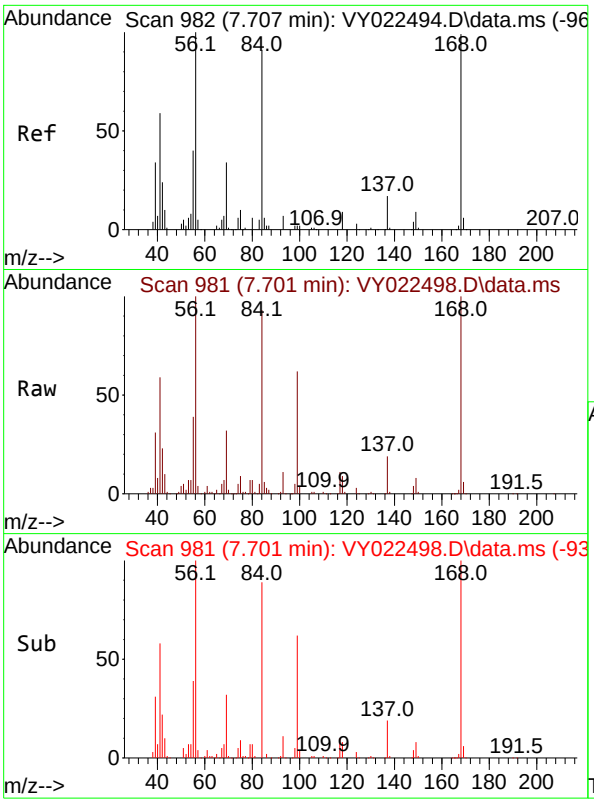


#30
Chloroform
Concen: 45.919 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 215264

Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.2	81.4

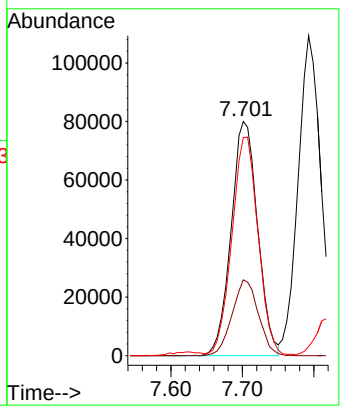




#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 56 Resp: 20617

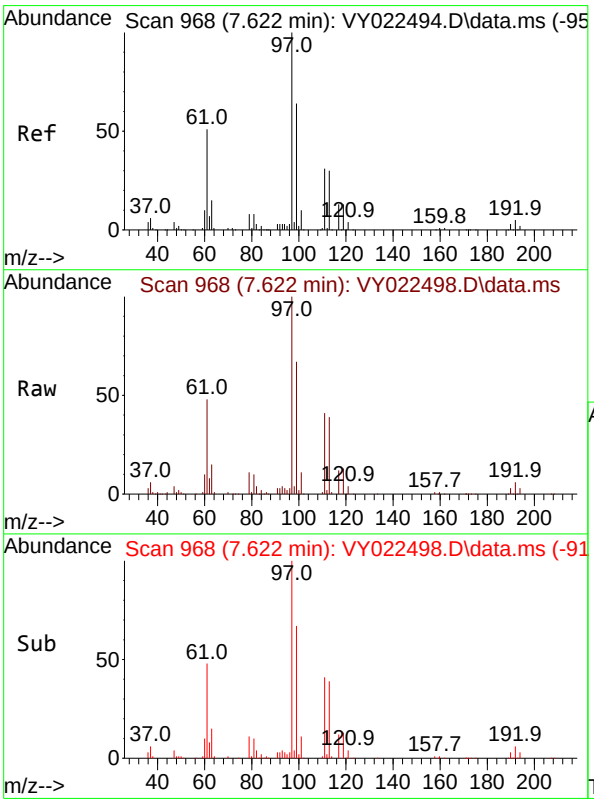
Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.0	40.6
84	91.7	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

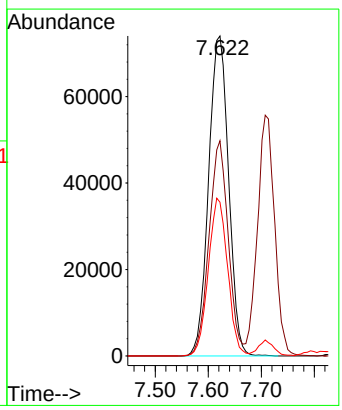
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

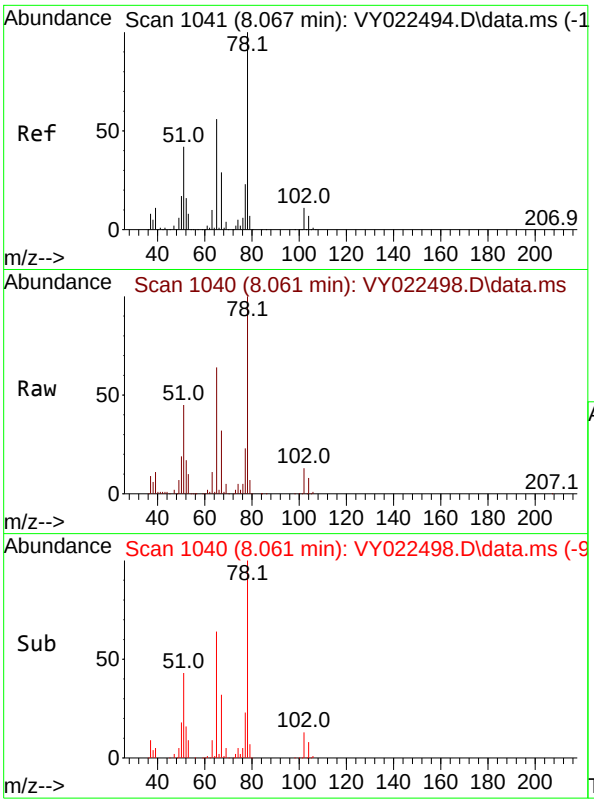


#32
1,1,1-Trichloroethane
Concen: 46.627 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 194039

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.8	38.5	57.7





#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

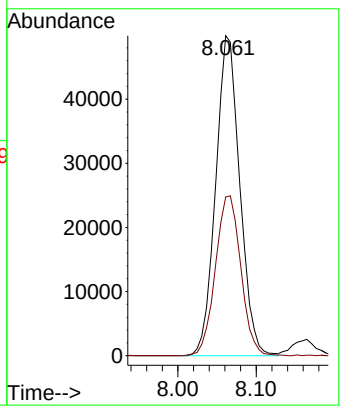
Tgt Ion: 65 Resp: 10675

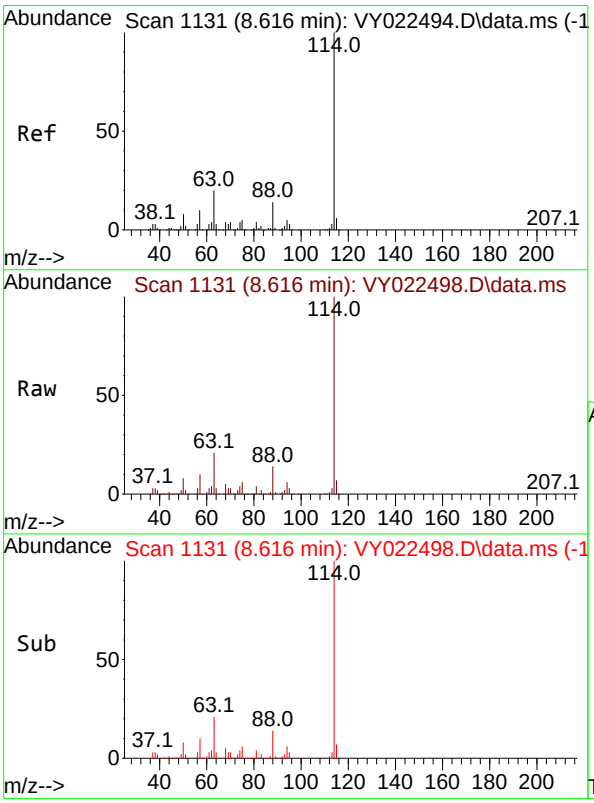
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

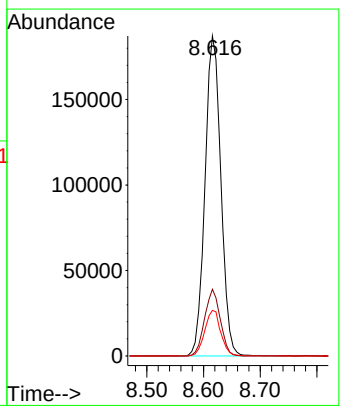


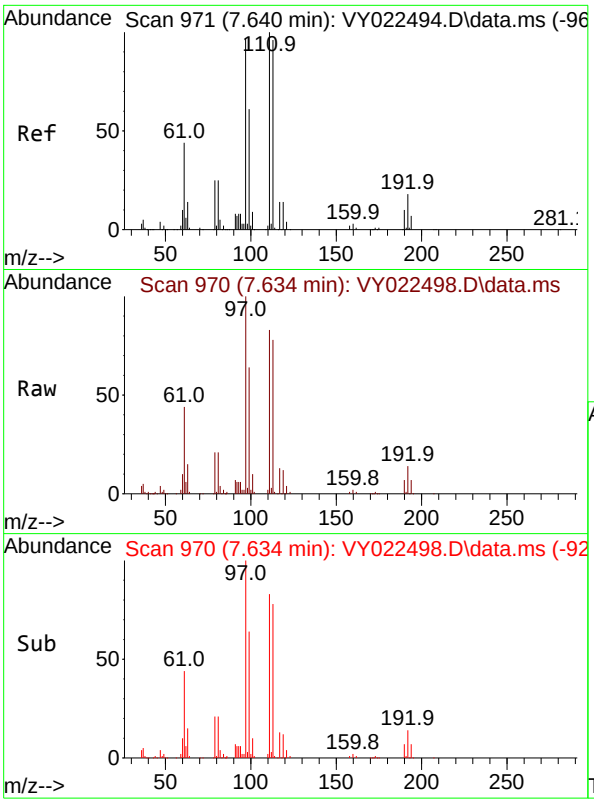


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:114 Resp: 365013

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	14.3	0.0	27.8

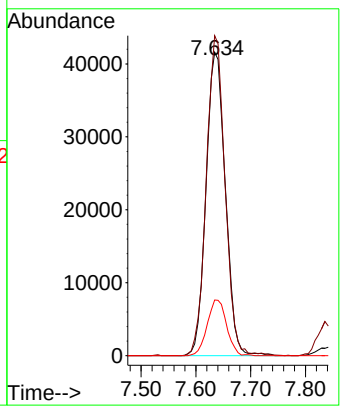




#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:113 Resp: 10169

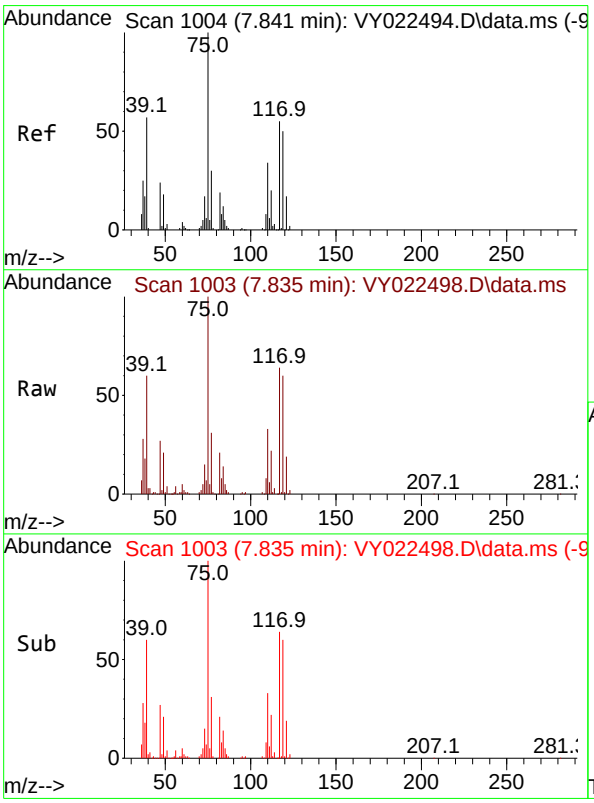
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.4	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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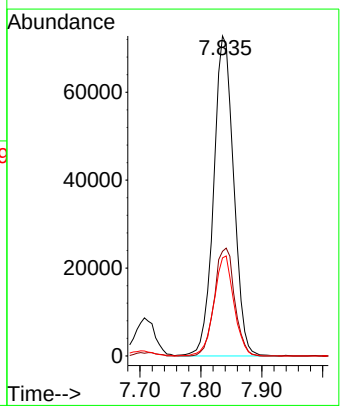
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

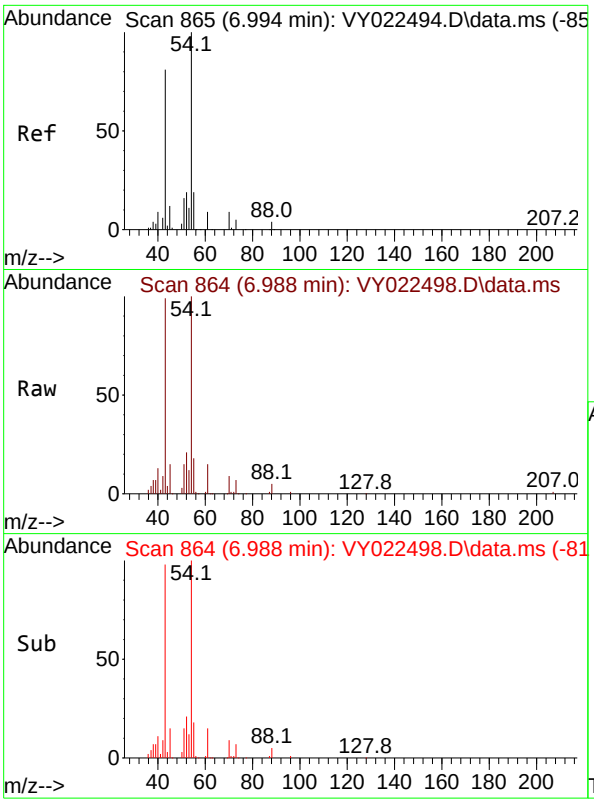


#36
1,1-Dichloropropene
Concen: 46.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 166116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.2	24.8	37.2





#37
Ethyl Acetate
Concen: 43.605 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

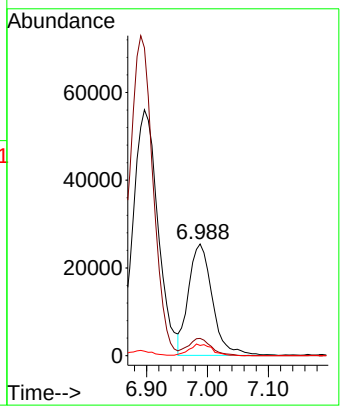
Tgt Ion: 43 Resp: 6876

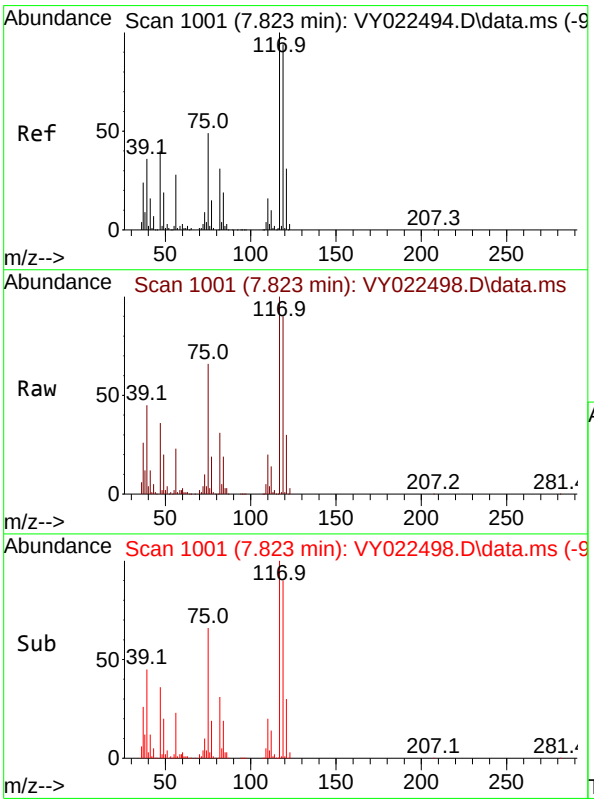
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	10.1	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

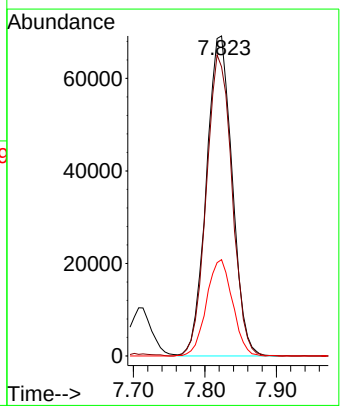


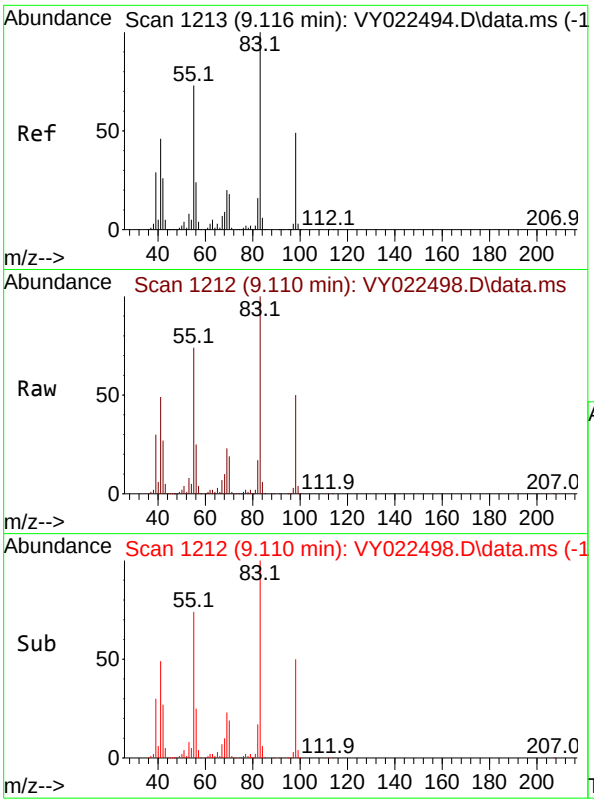


#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 173199

Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.0	112.6
121	30.1	25.0	37.4





#39
Methylcyclohexane
Concen: 46.923 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

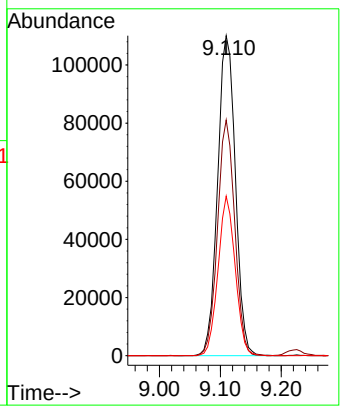
Tgt Ion: 83 Resp: 22297

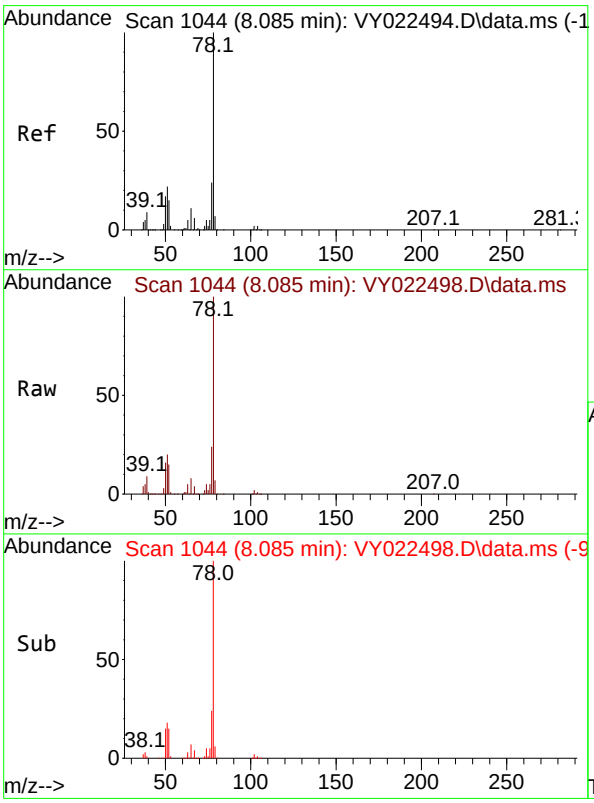
Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.1	87.1
98	49.9	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

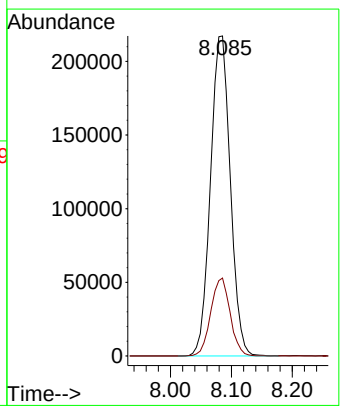


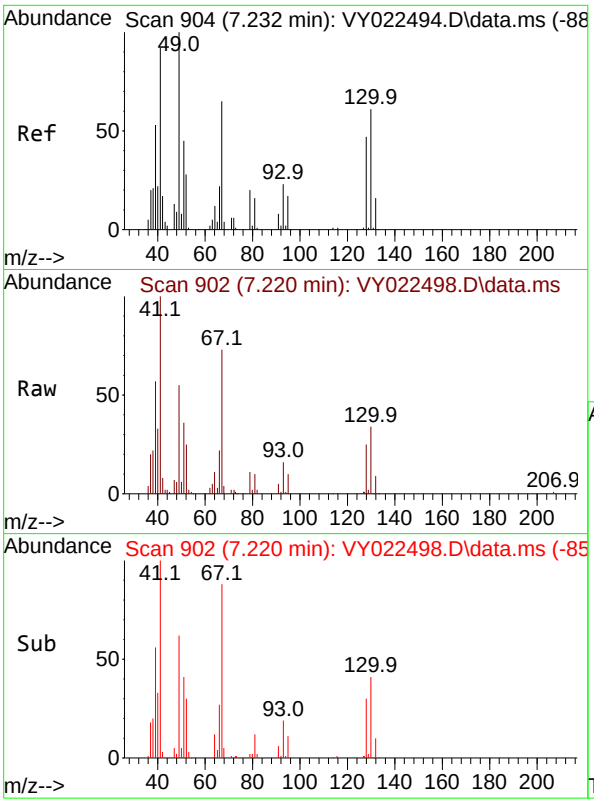


#40
Benzene
Concen: 47.020 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 78 Resp: 491078

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

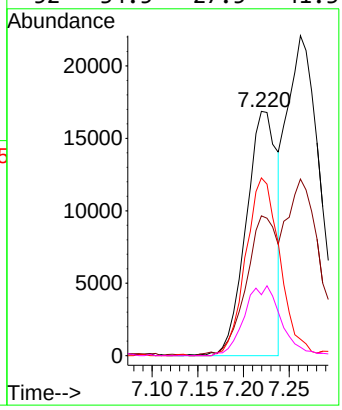




#41
Methacrylonitrile
Concen: 43.134 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 3973

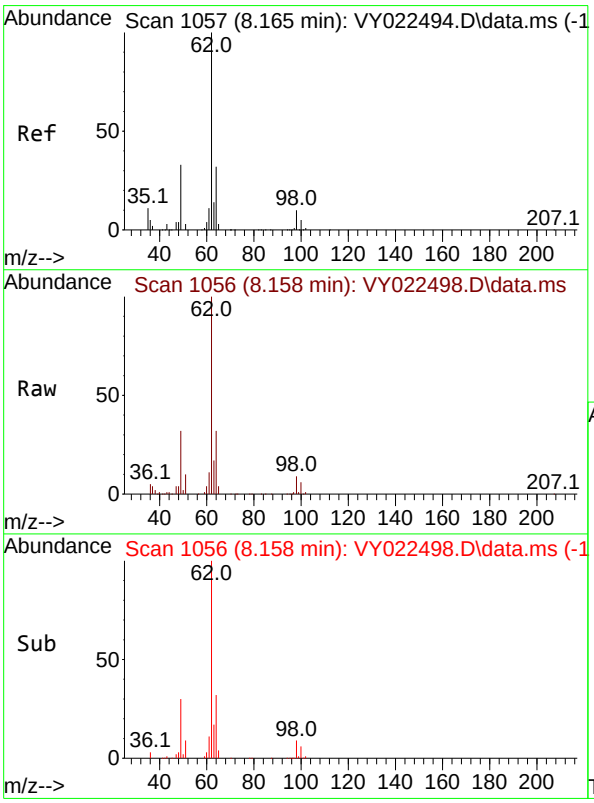
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.6	69.8
67	80.2	63.3	94.9
52	34.5	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

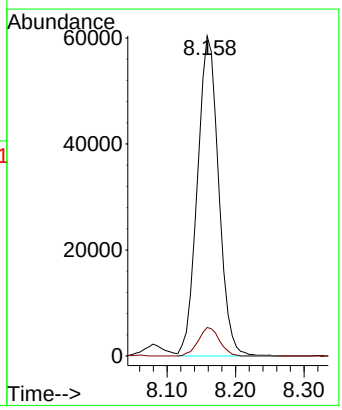
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

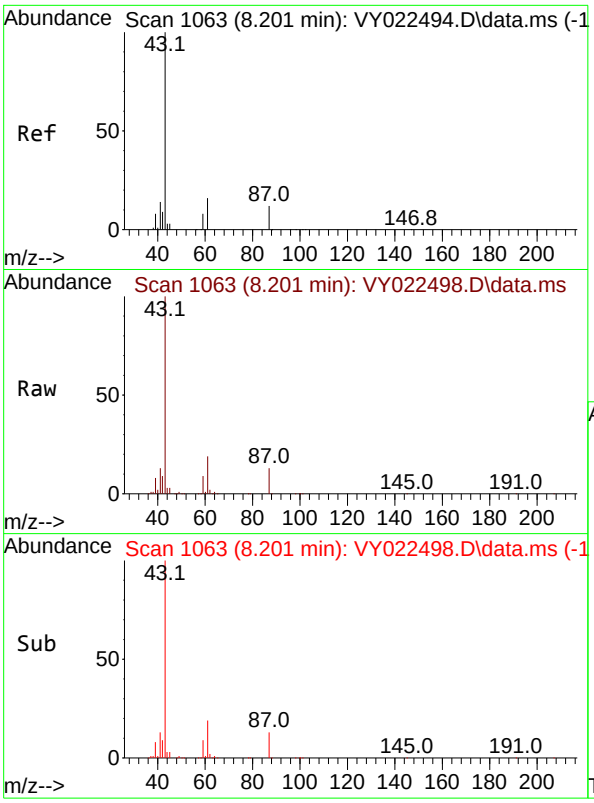


#42
1,2-Dichloroethane
Concen: 45.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 130161

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2





#43
Isopropyl Acetate
Concen: 44.122 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

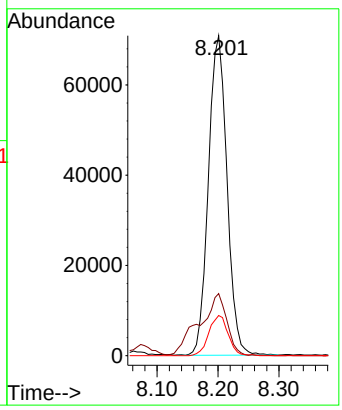
Tgt Ion: 43 Resp: 15026

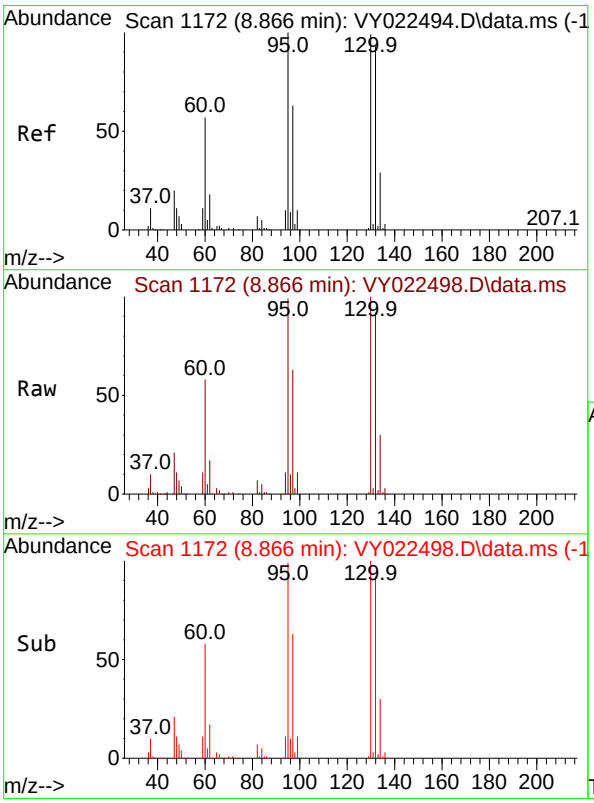
Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.6	23.4
87	13.0	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

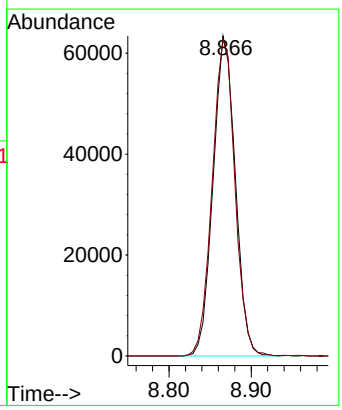


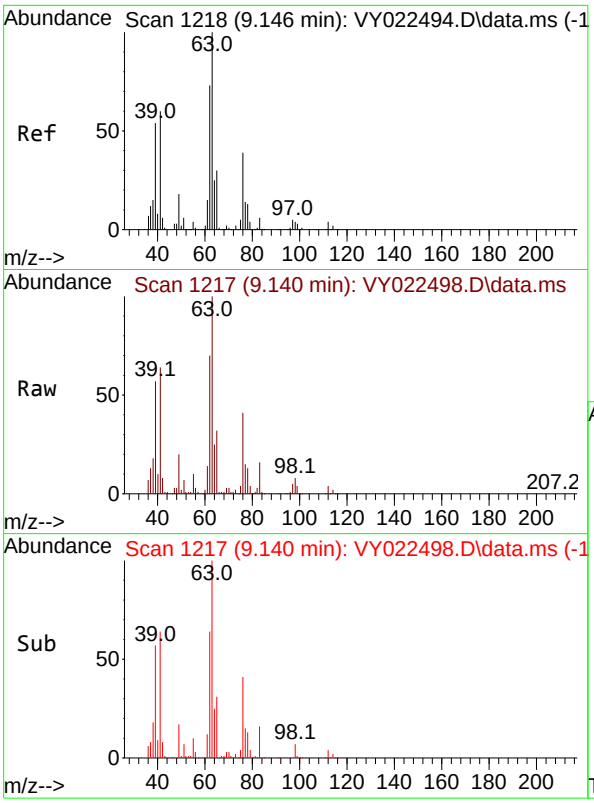


#44
Trichloroethene
Concen: 46.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:130 Resp: 118971

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	203.0





#45
1,2-Dichloropropane
Concen: 46.587 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

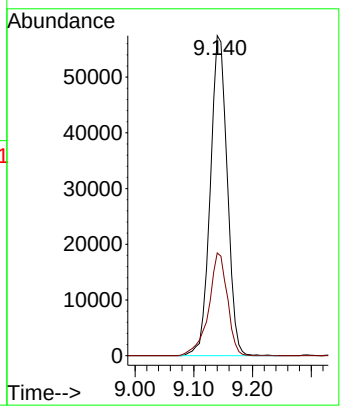
Tgt Ion: 63 Resp: 11498

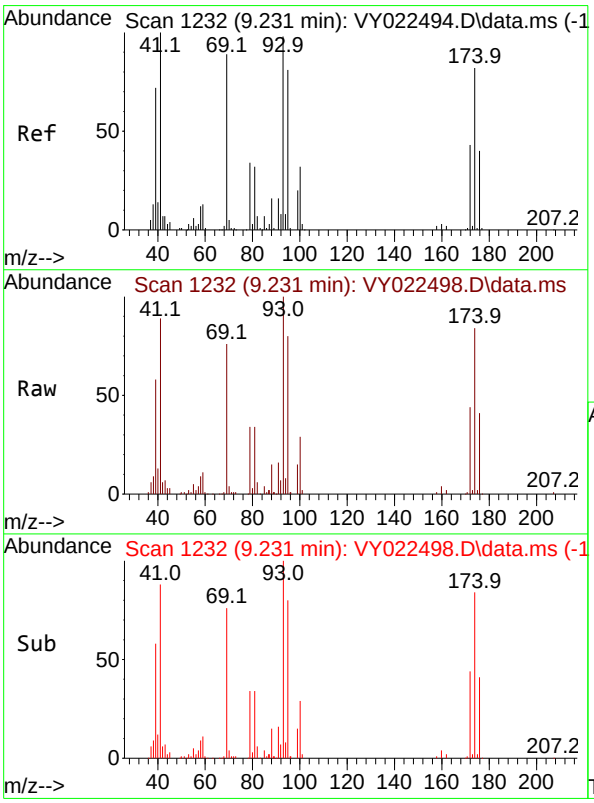
Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.0	36.0

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

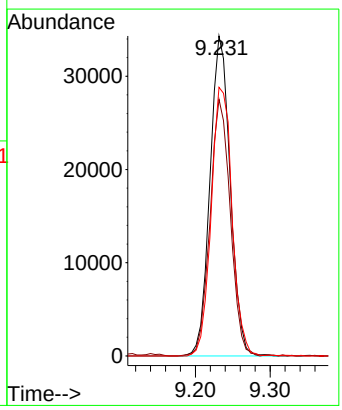


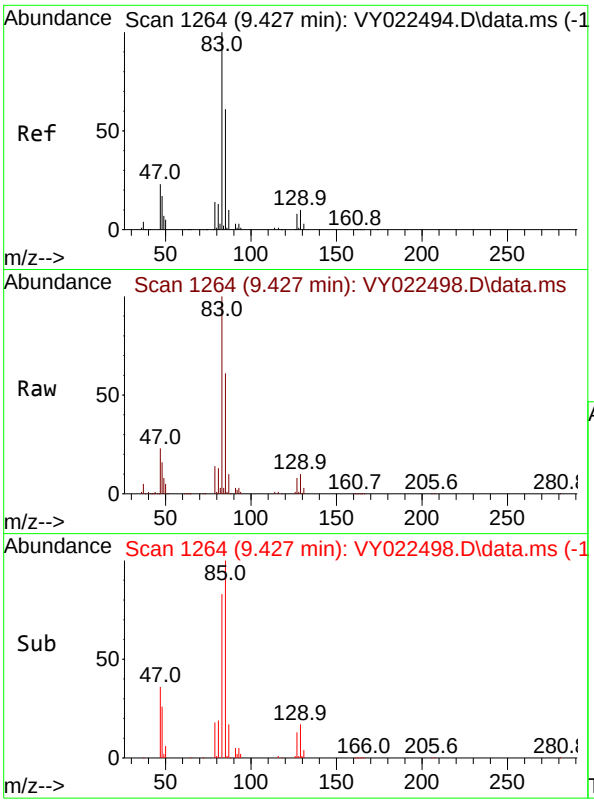


#46
Dibromomethane
Concen: 46.430 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 93 Resp: 64473

Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.6	98.4
174	86.4	70.4	105.6

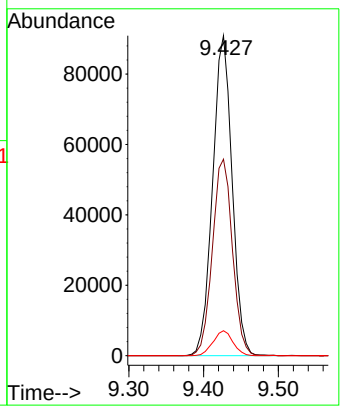




#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 16487

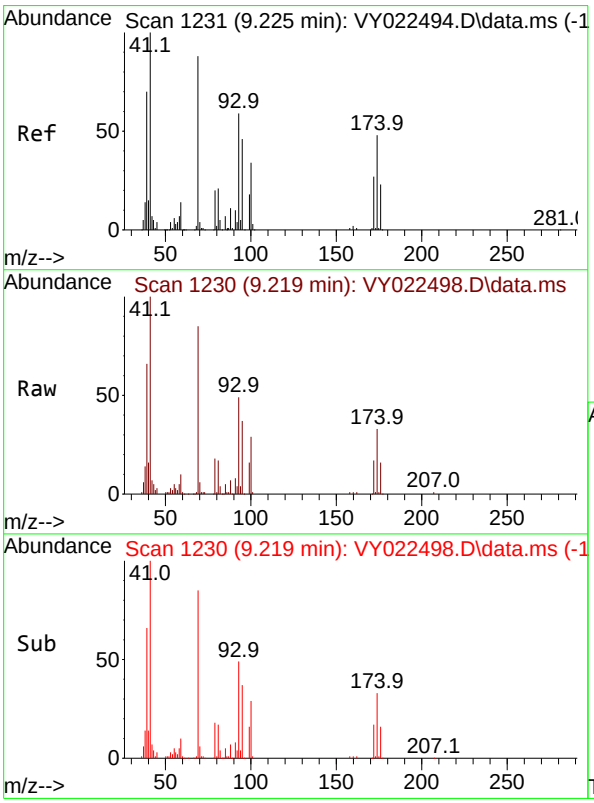
Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

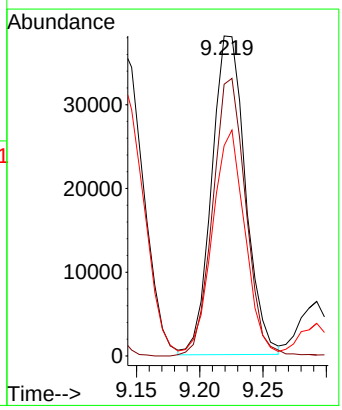
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

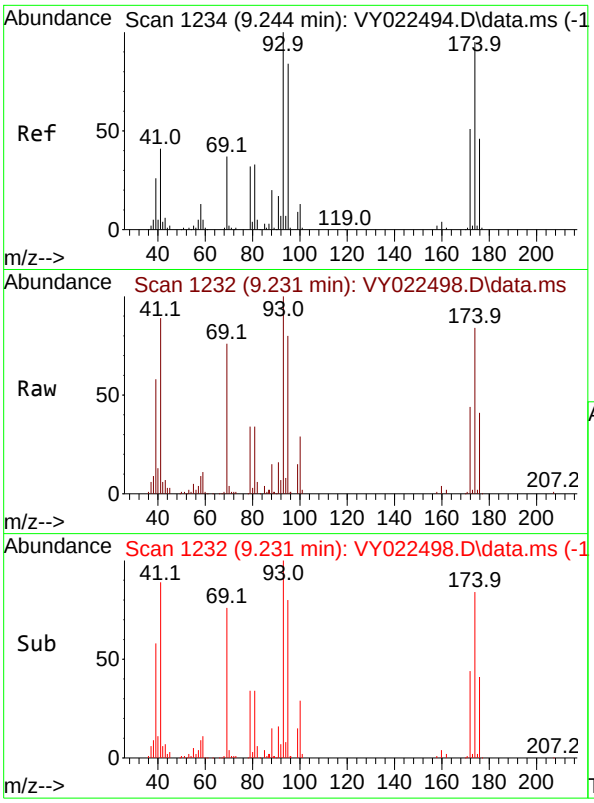


#48
Methyl methacrylate
Concen: 44.198 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 70644

Ion	Ratio	Lower	Upper
41	100		
69	85.1	67.8	101.8
39	65.9	55.0	82.4

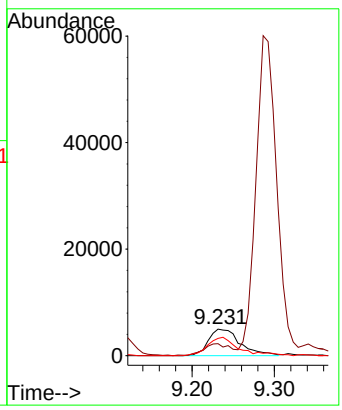




#49
1,4-Dioxane
Concen: 816.553 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 88 Resp: 1343

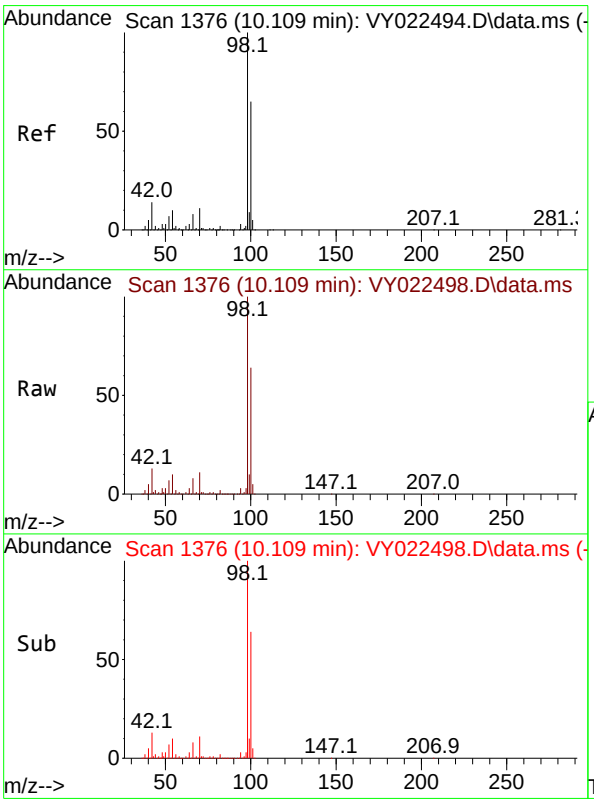
Ion	Ratio	Lower	Upper
88	100		
43	39.1	25.4	38.2
58	67.7	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

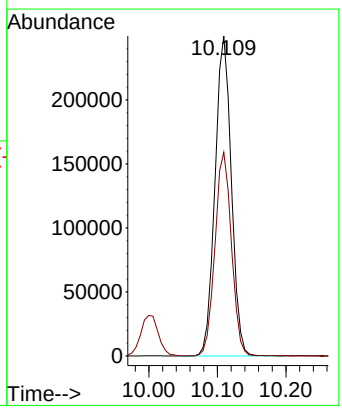
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

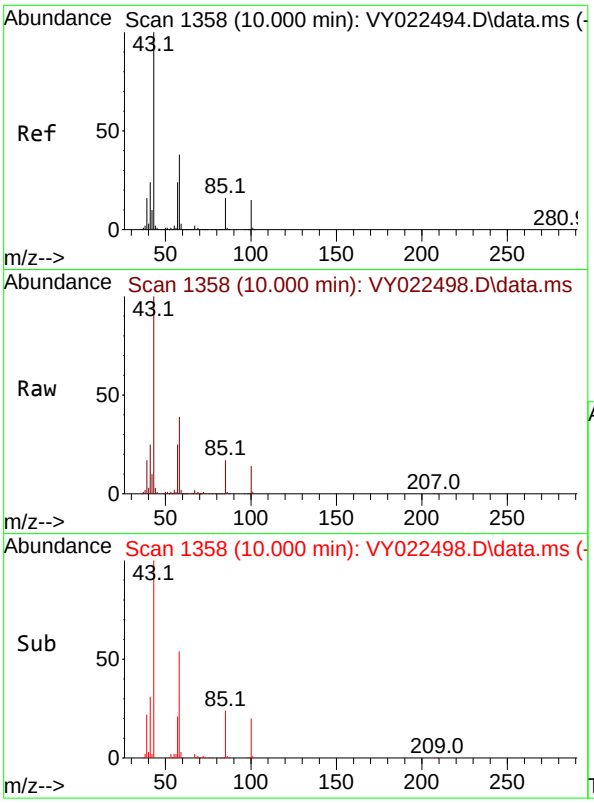


#50
Toluene-d8
Concen: 46.760 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 98 Resp: 411640

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

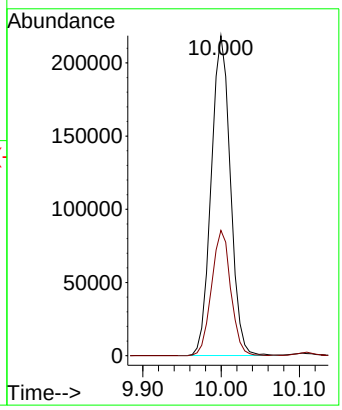




#51
4-Methyl-2-Pentanone
Concen: 219.250 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 37227

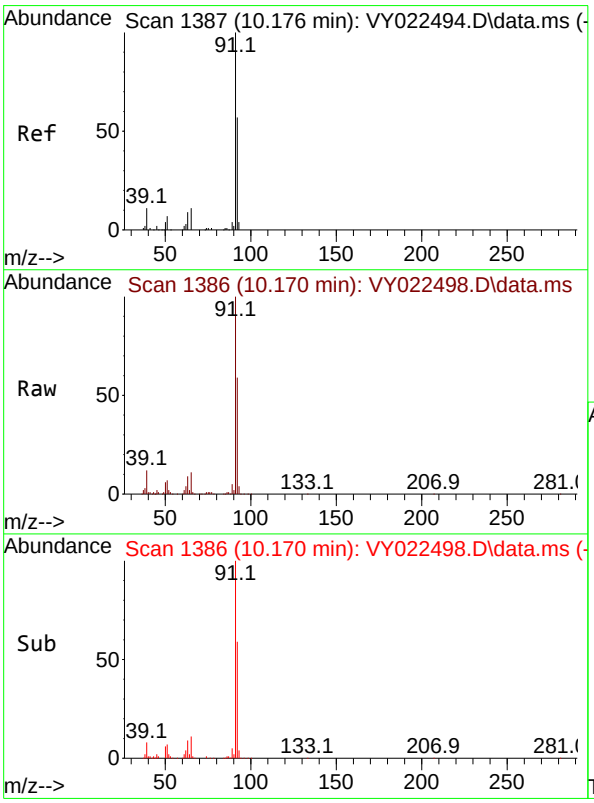
Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

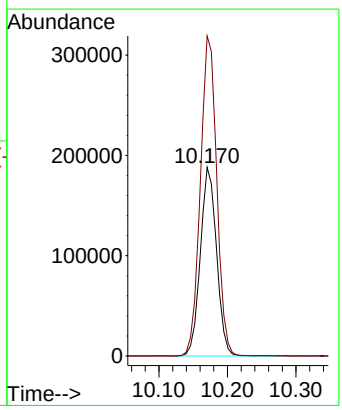
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

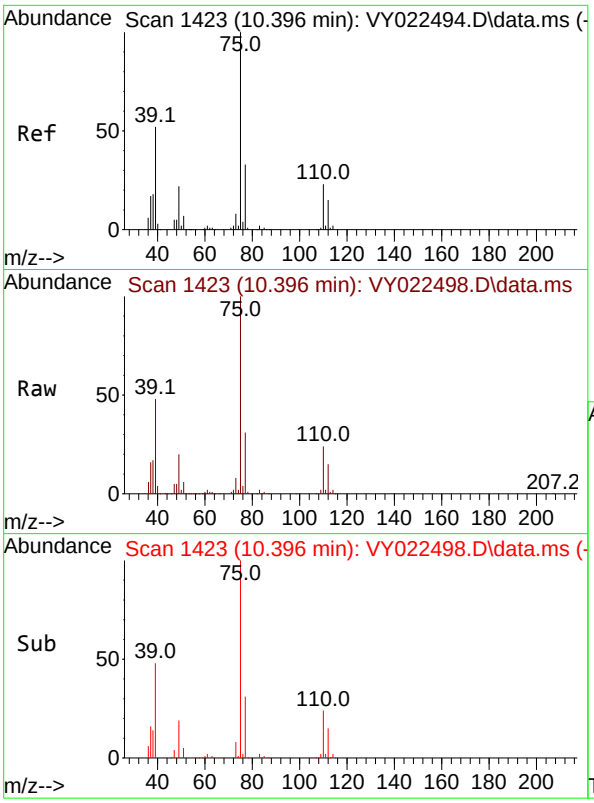


#52
Toluene
Concen: 47.137 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 92 Resp: 309375

Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.0	208.4

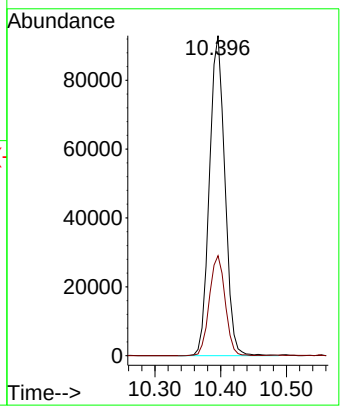




#53
t-1,3-Dichloropropene
Concen: 46.094 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 15206

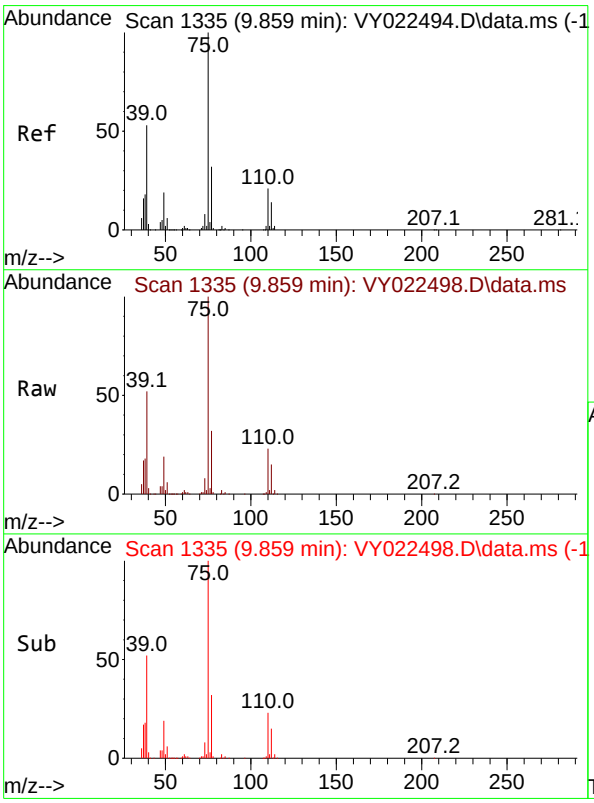
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

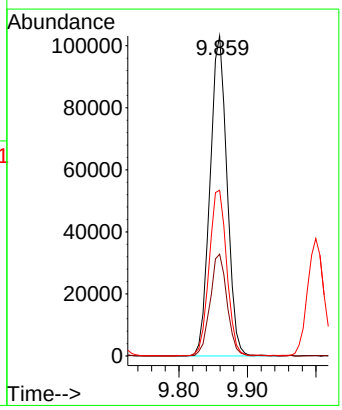
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

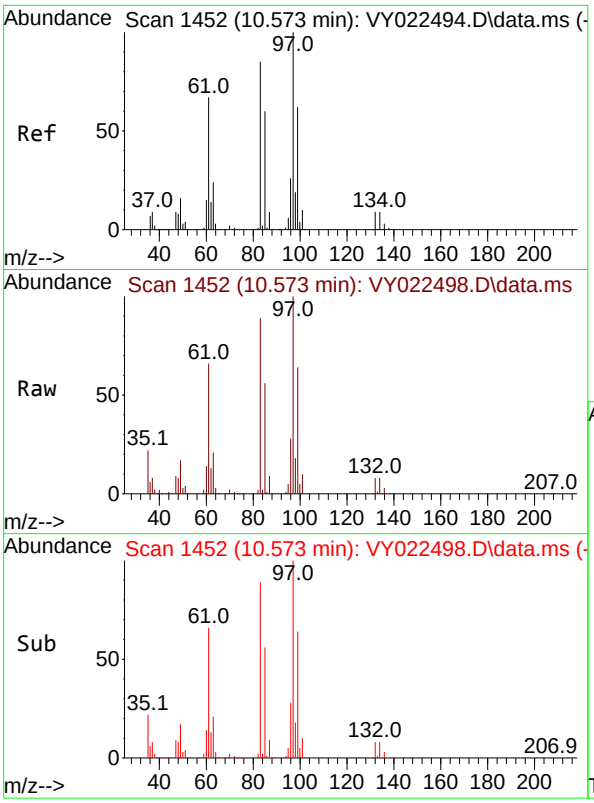


#54
cis-1,3-Dichloropropene
Concen: 46.206 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 177445

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	51.6	42.7	64.1

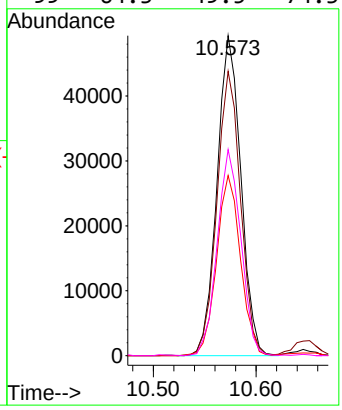




#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 7959

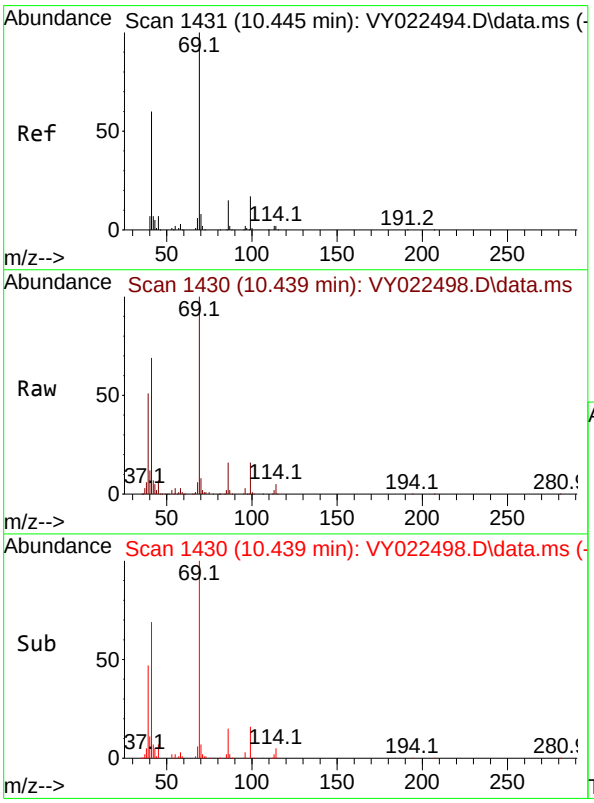
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.3	48.2	72.2
99	64.3	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

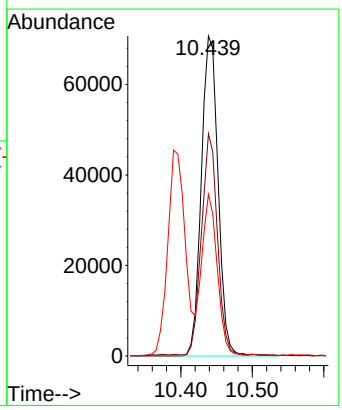
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

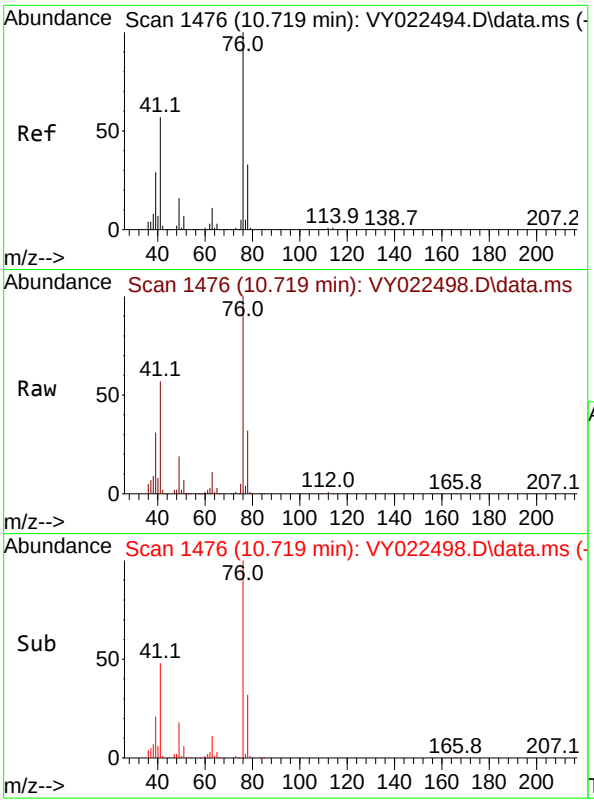


#56
Ethyl methacrylate
Concen: 45.029 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 69 Resp: 115237

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	45.6	36.7	55.1

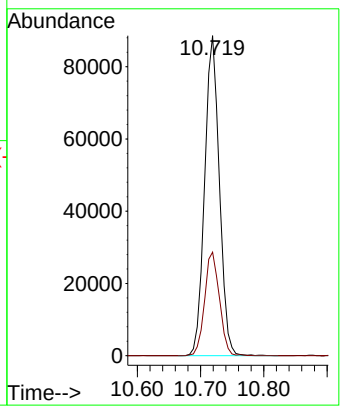




#57
1,3-Dichloropropane
Concen: 45.696 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 76 Resp: 14340

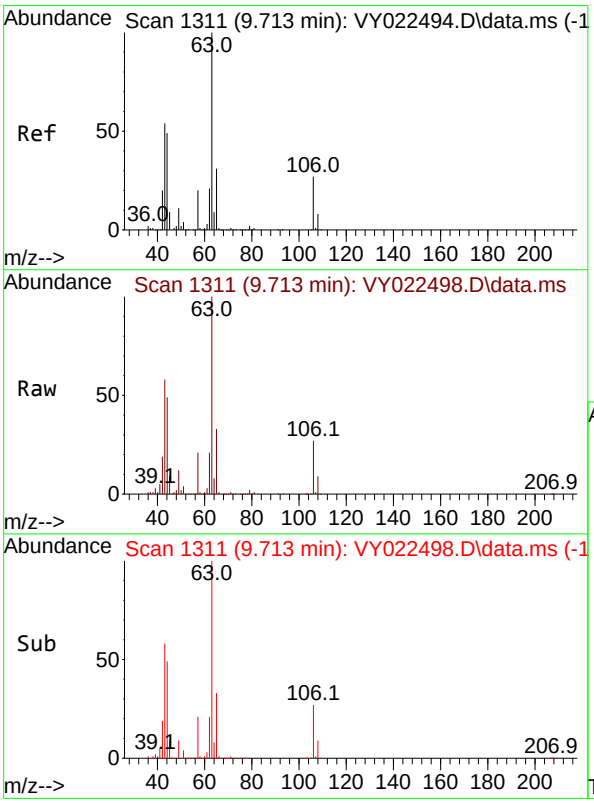
Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

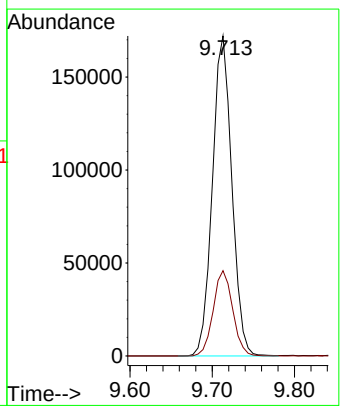
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

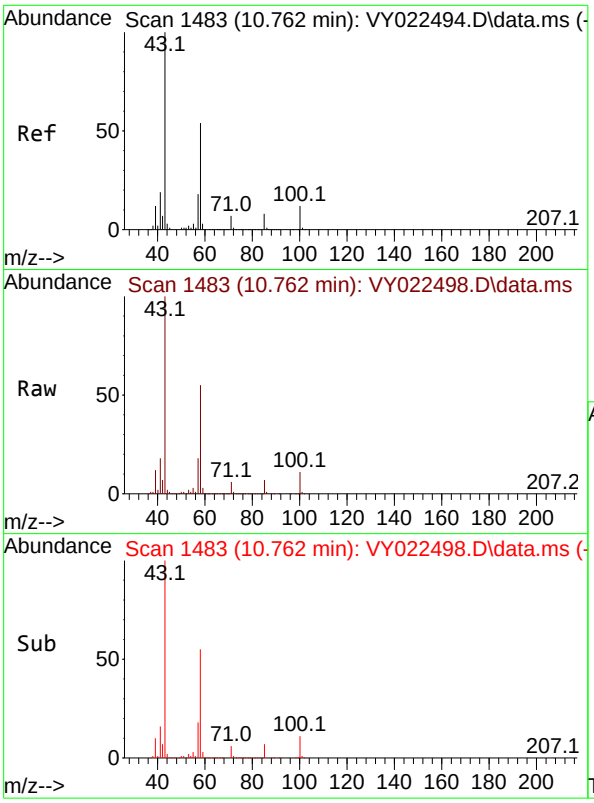


#58
2-Chloroethyl Vinyl ether
Concen: 243.746 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 283213

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4

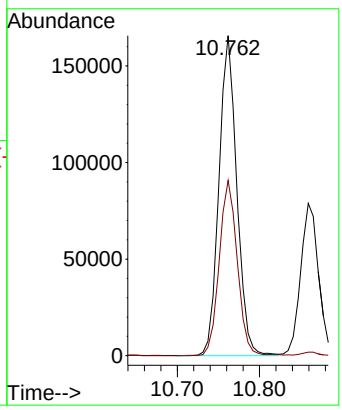




#59
2-Hexanone
Concen: 220.088 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 24992

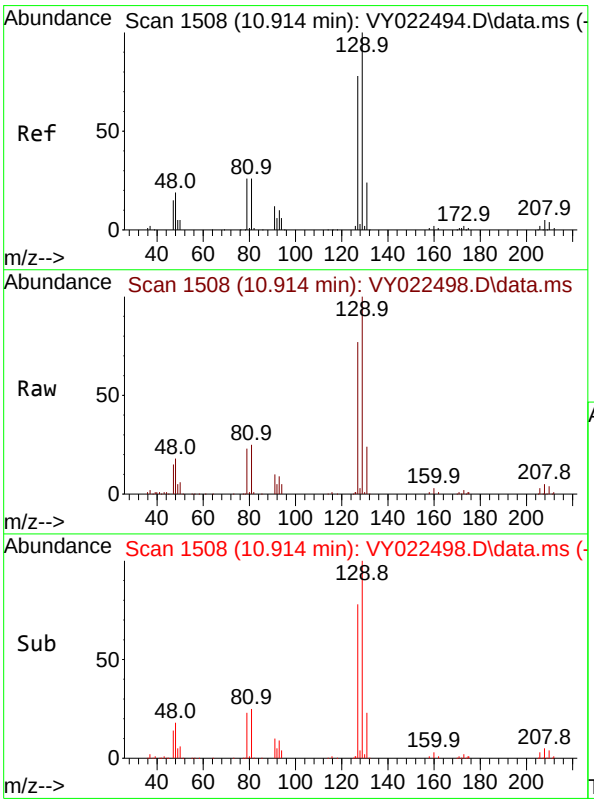
Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

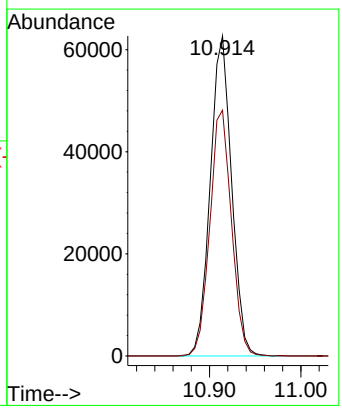
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

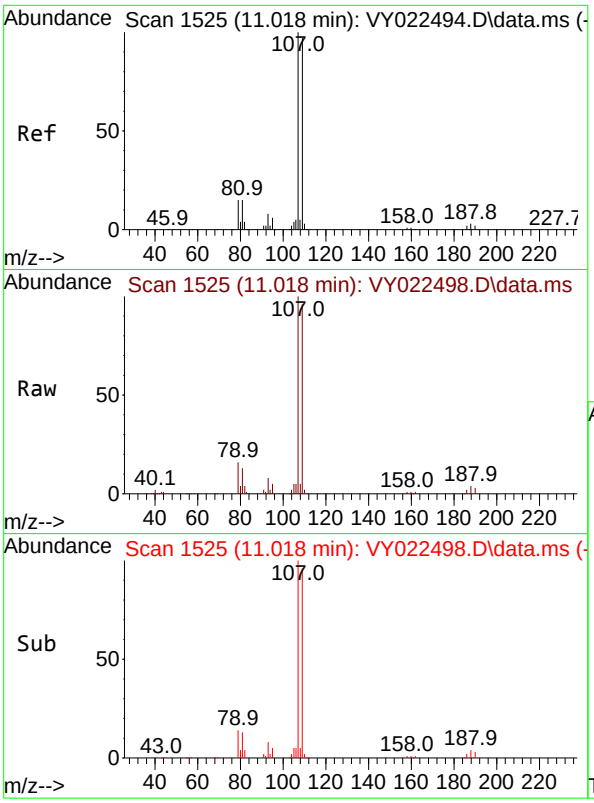


#60
Dibromochloromethane
Concen: 45.114 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:129 Resp: 101515

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2





#61
1,2-Dibromoethane
Concen: 45.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

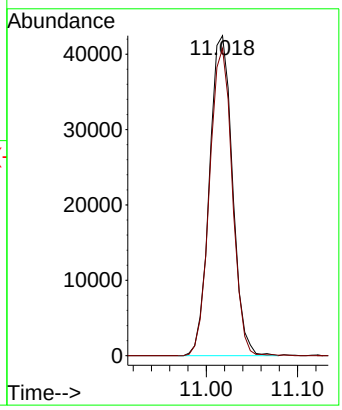
Tgt Ion:107 Resp: 7417

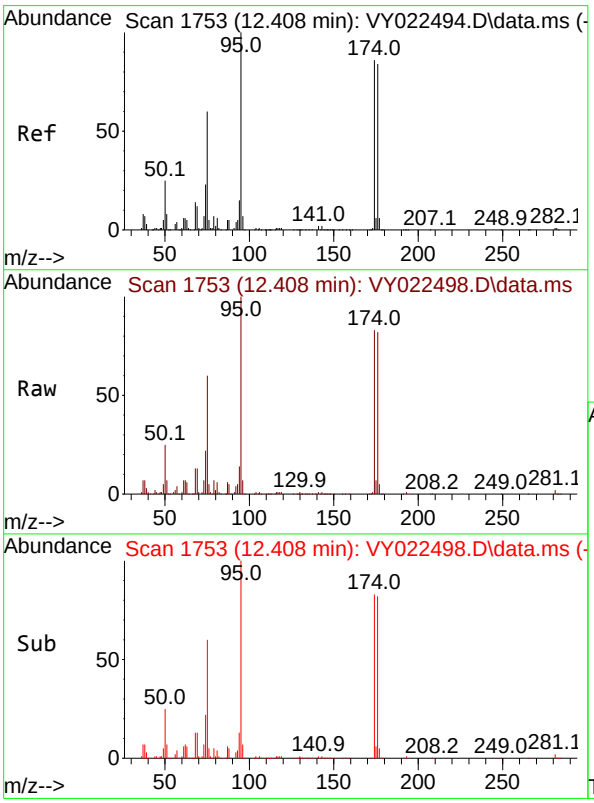
Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

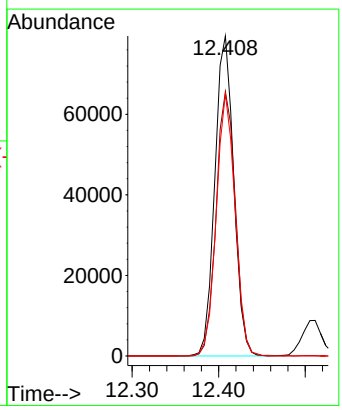


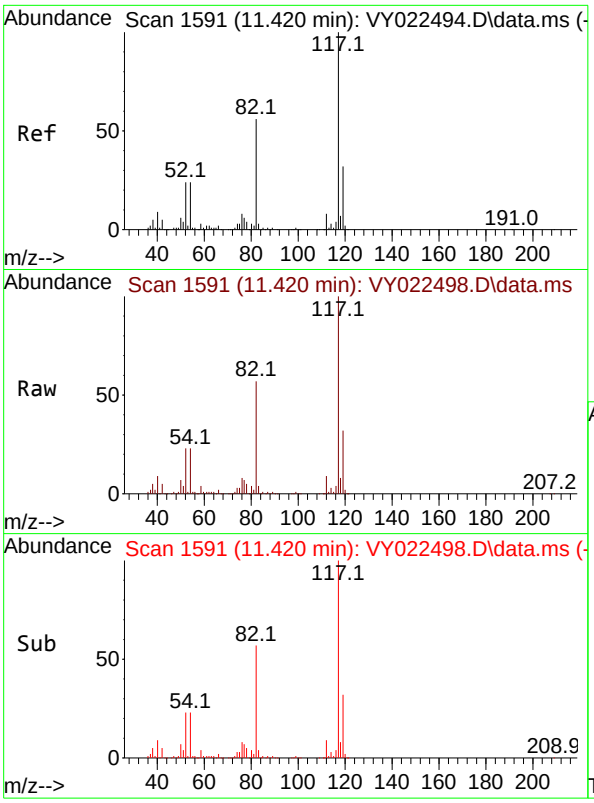


#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 95 Resp: 120253

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	170.0
176	81.5	0.0	166.2

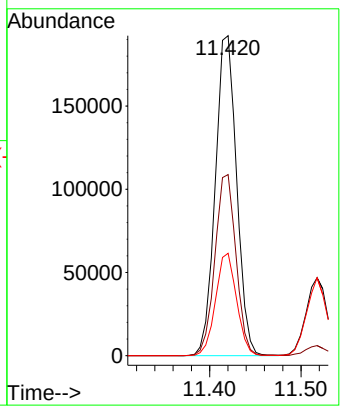




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 31226

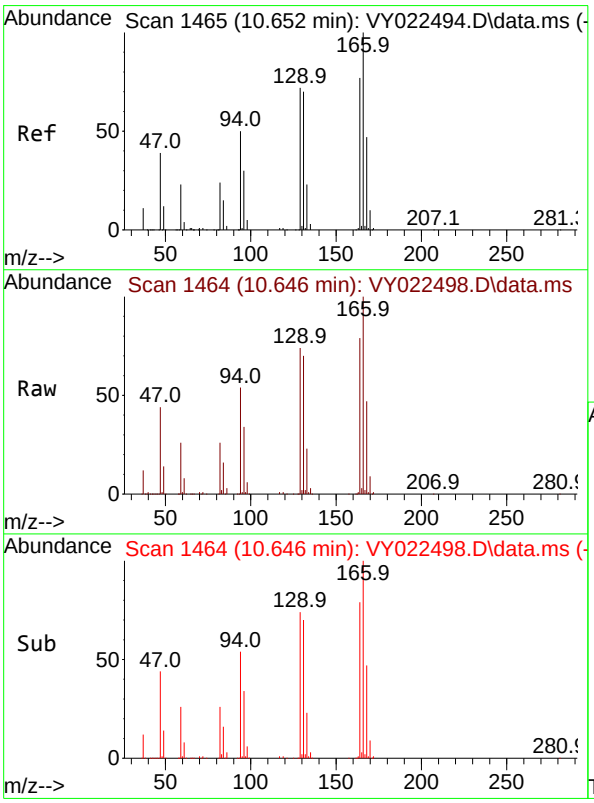
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.0	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

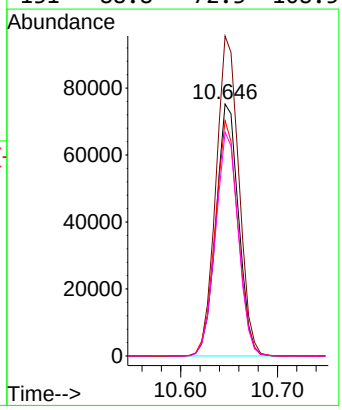
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

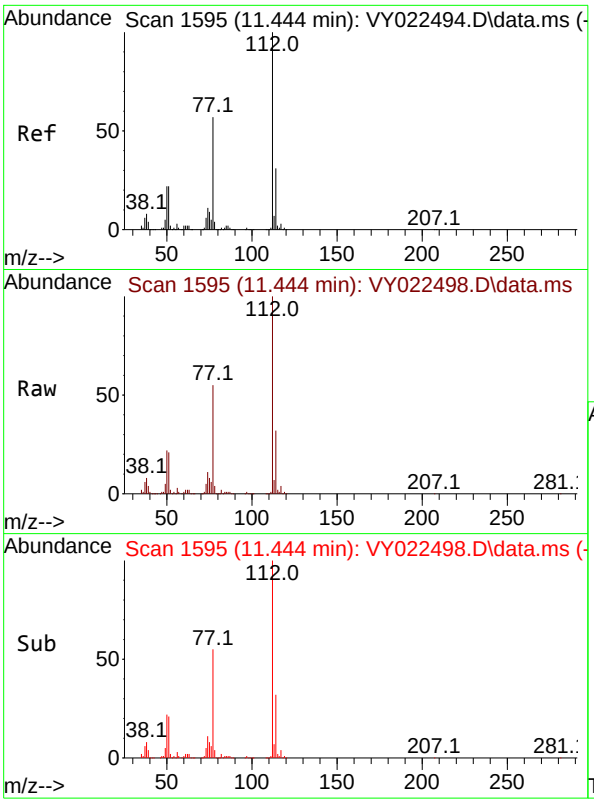


#64
Tetrachloroethene
Concen: 45.398 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:164 Resp: 121944

Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	93.4	74.5	111.7
131	88.8	72.3	108.5

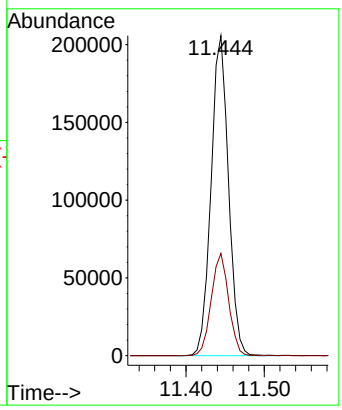




#65
Chlorobenzene
Concen: 45.953 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:112 Resp: 31753

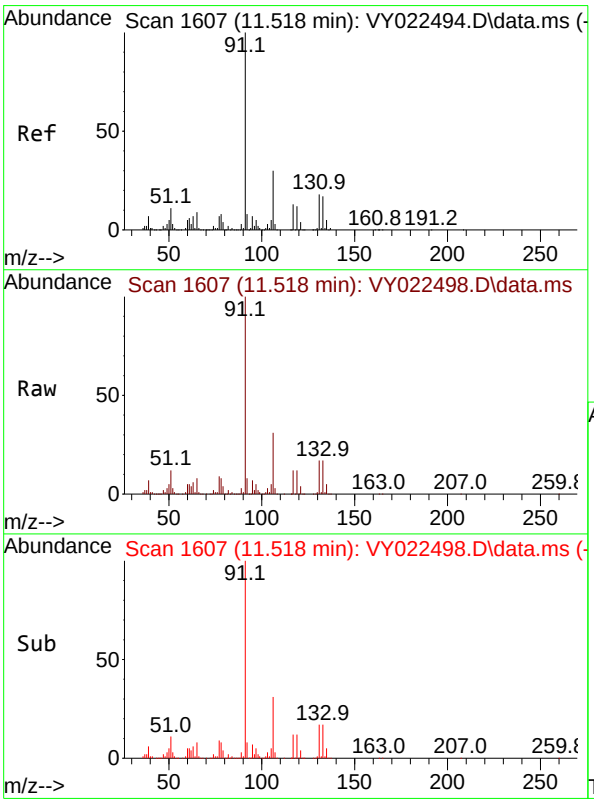
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

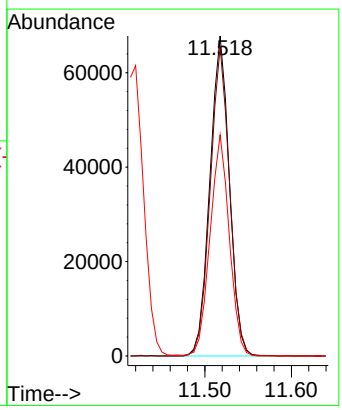
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

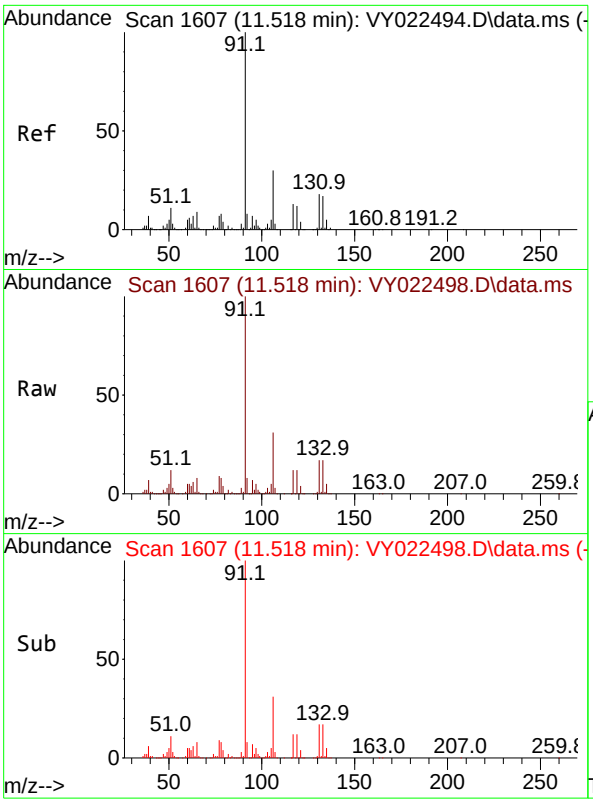


#66
1,1,1,2-Tetrachloroethane
Concen: 45.464 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:131 Resp: 105830

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	68.3	33.1	99.3





#67
Ethyl Benzene
Concen: 47.248 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

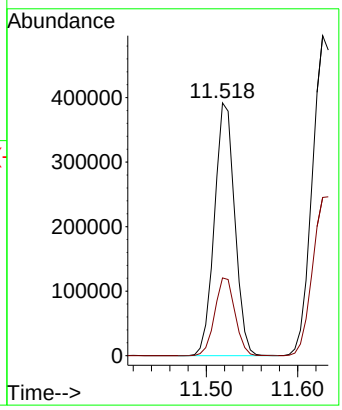
Tgt Ion: 91 Resp: 60556

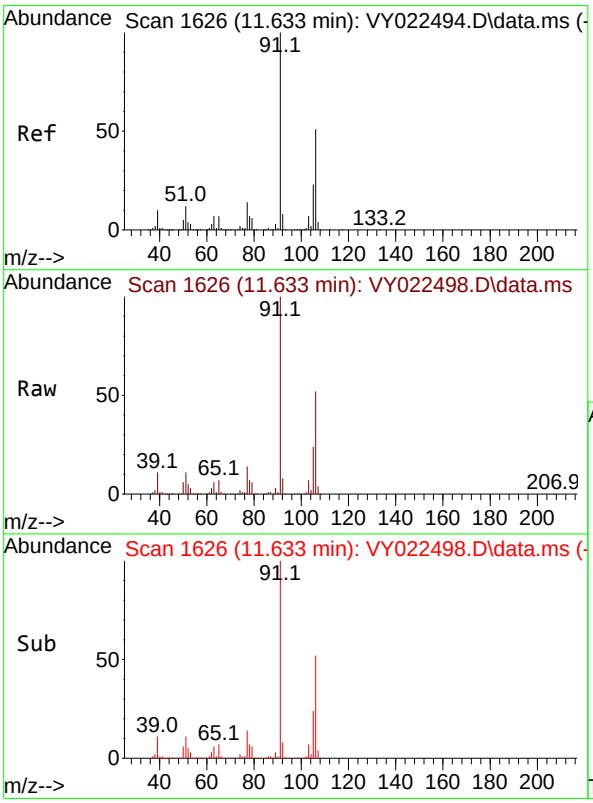
Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

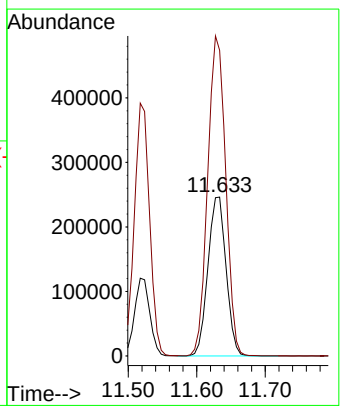


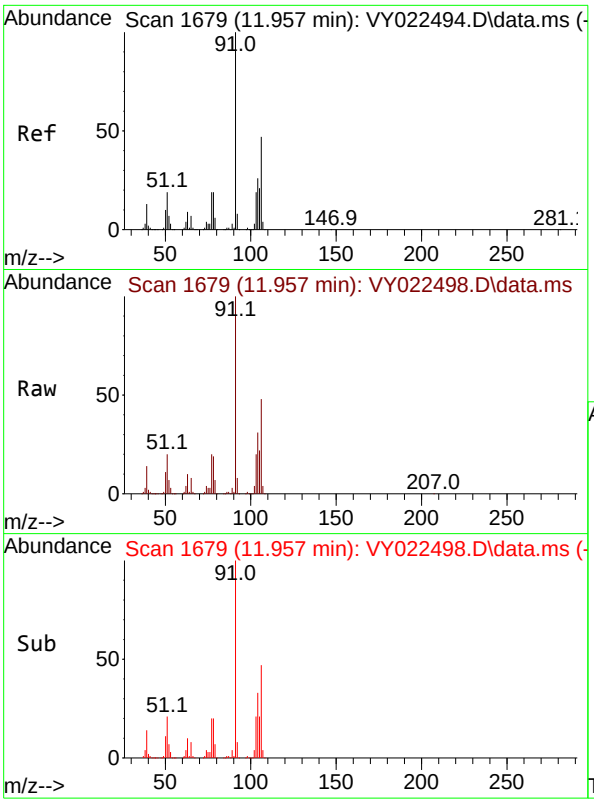


#68
m/p-Xylenes
Concen: 93.473 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 454148

Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.4	239.0

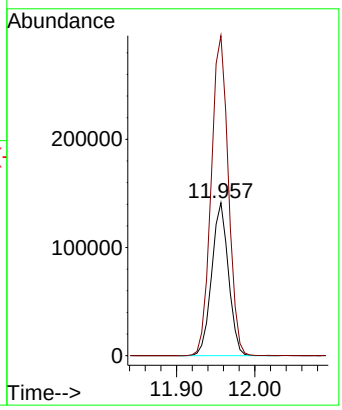




#69
o-Xylene
Concen: 45.959 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 20935

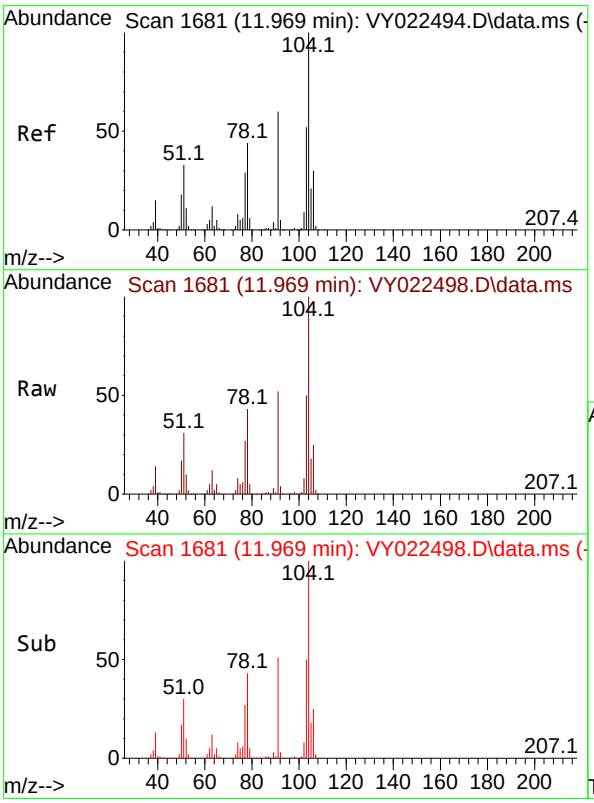
Ion	Ratio	Lower	Upper
106	100		
91	214.9	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

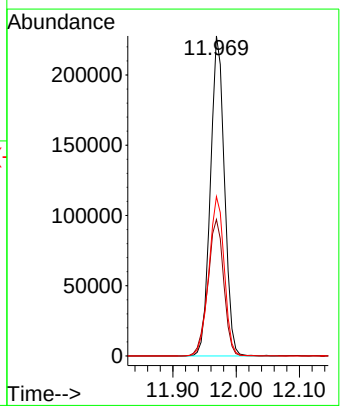
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

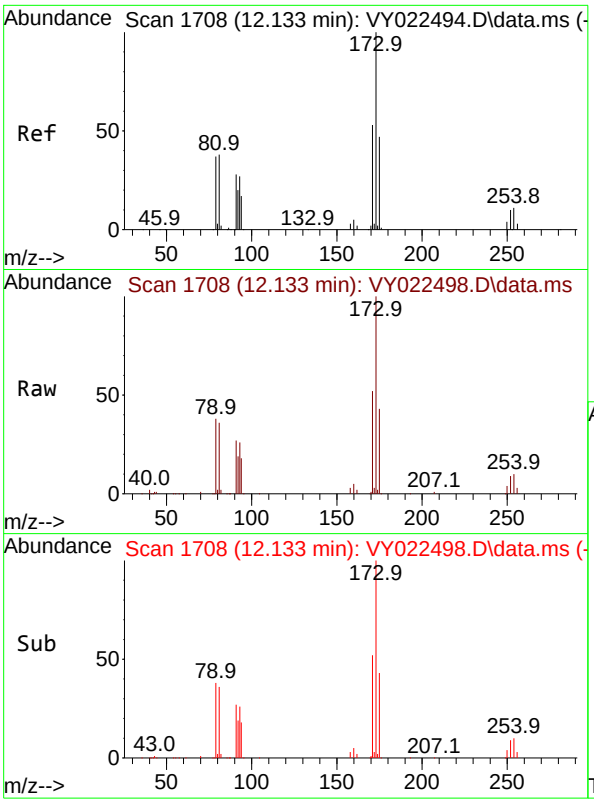


#70
Styrene
Concen: 46.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:104 Resp: 352505

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.5	59.3
103	54.4	44.1	66.1

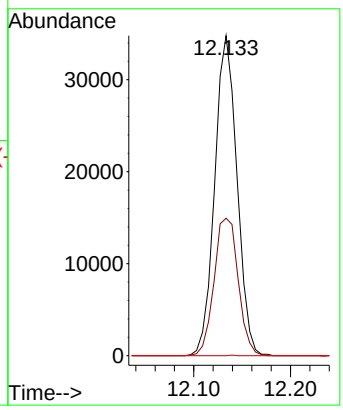




#71
Bromoform
Concen: 44.852 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:173 Resp: 5555

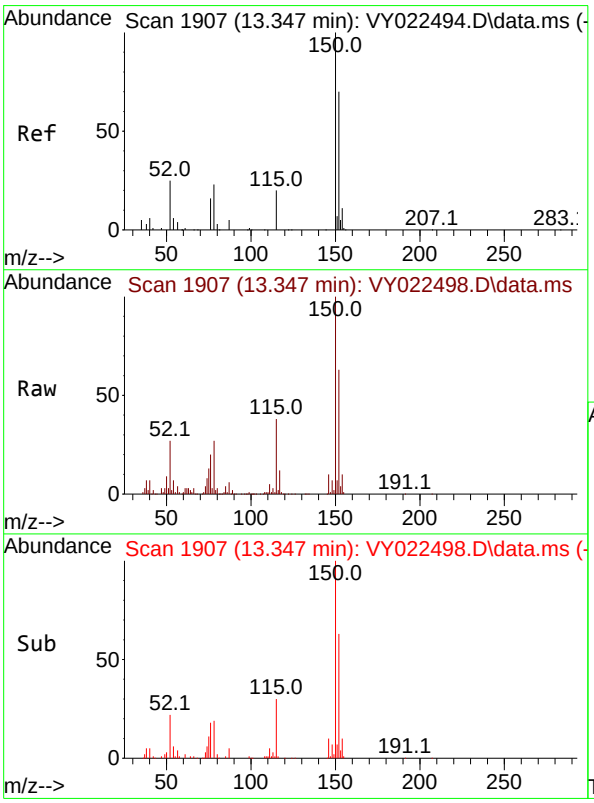
Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

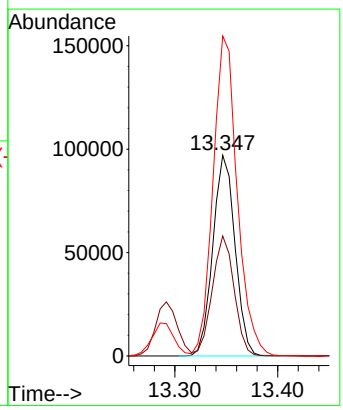
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

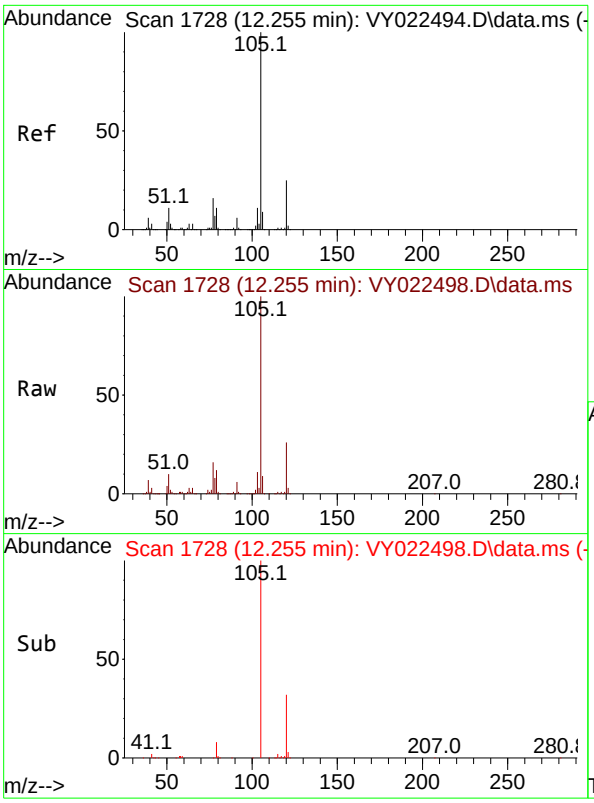


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:152 Resp: 145254

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	174.0	0.0	349.6

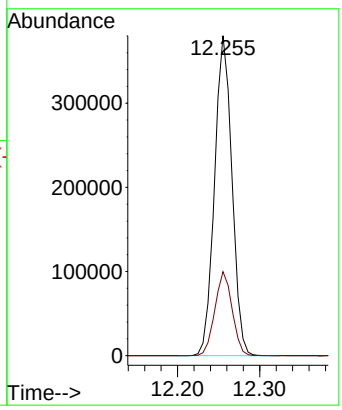




#73
Isopropylbenzene
Concen: 46.933 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 55969

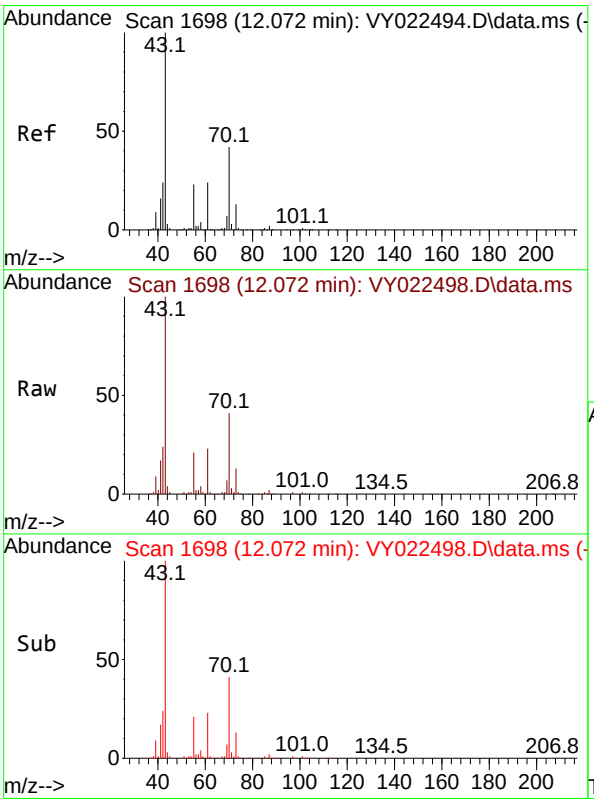
Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

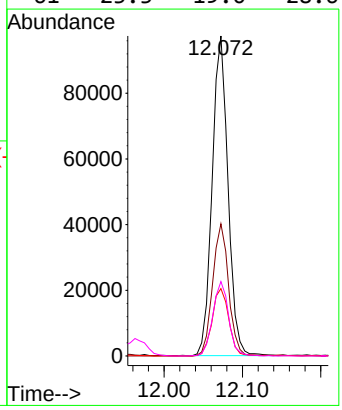
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

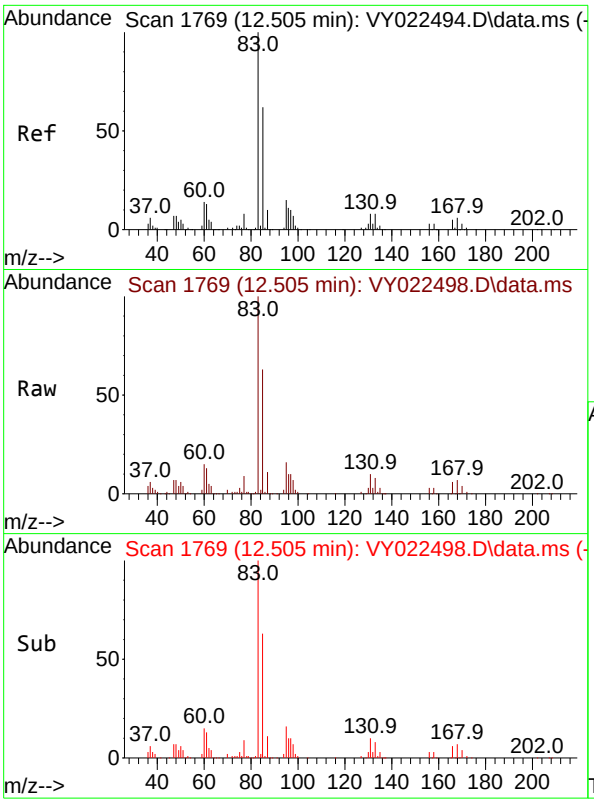


#74
N-amyl acetate
Concen: 45.502 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 136915

Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.2	51.2
55	22.1	18.2	27.4
61	23.3	19.0	28.6

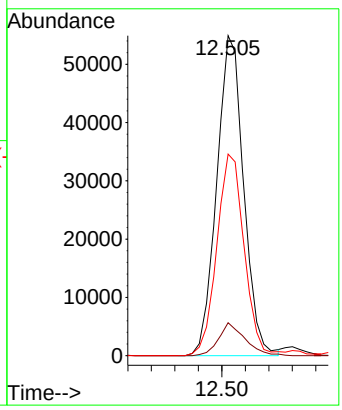




#75
1,1,2,2-Tetrachloroethane
Concen: 44.656 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 8740

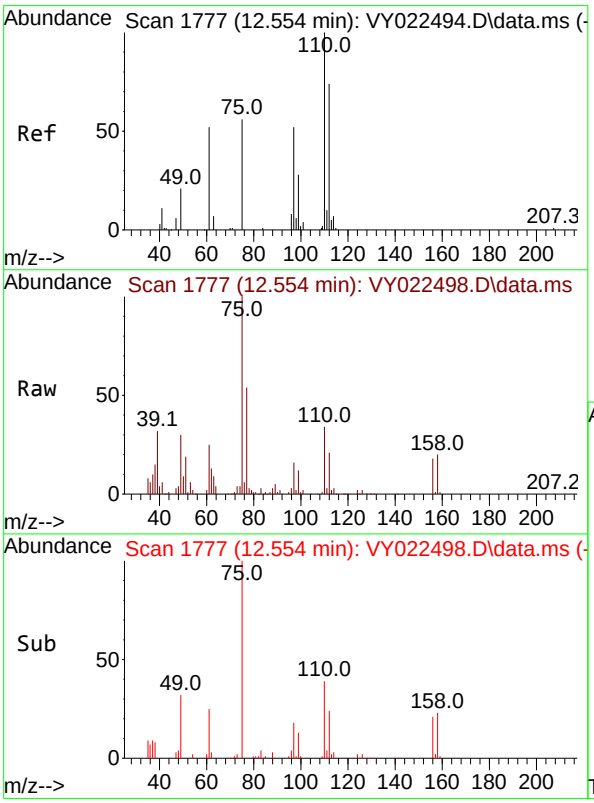
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

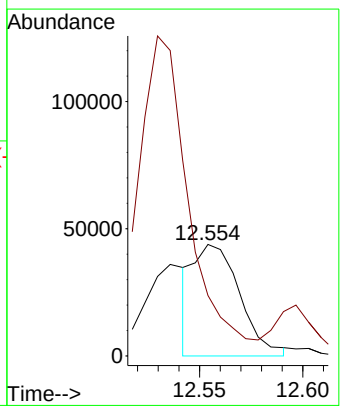
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

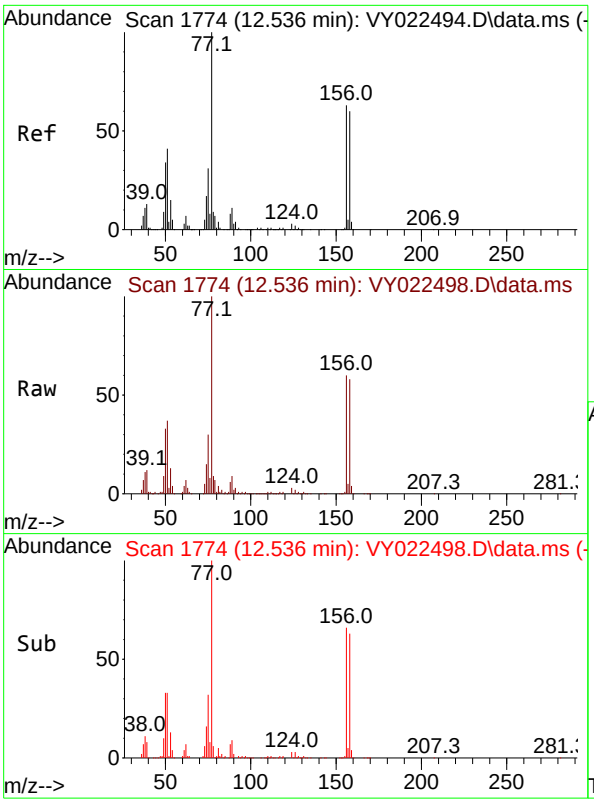


#76
1,2,3-Trichloropropane
Concen: 41.103 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 68304

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

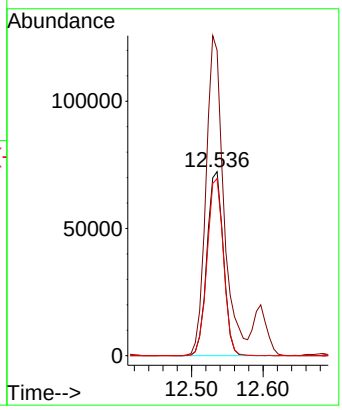




#77
Bromobenzene
Concen: 45.607 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:156 Resp: 11477

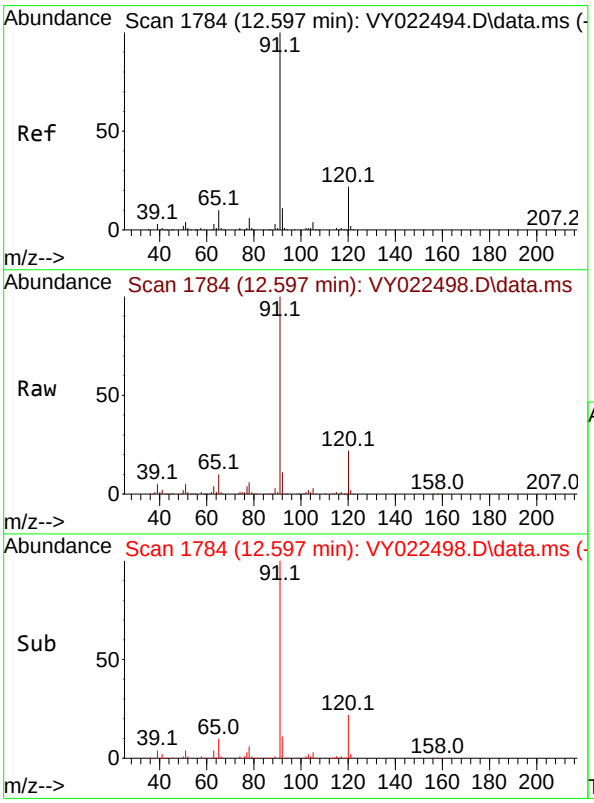
Ion	Ratio	Lower	Upper
156	100		
77	189.1	94.0	282.1
158	96.4	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

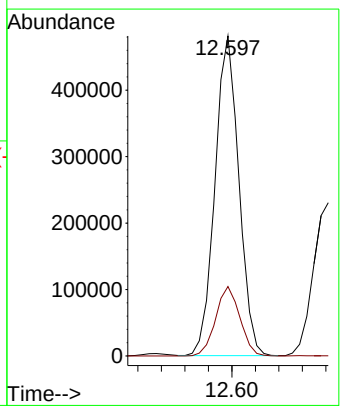
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

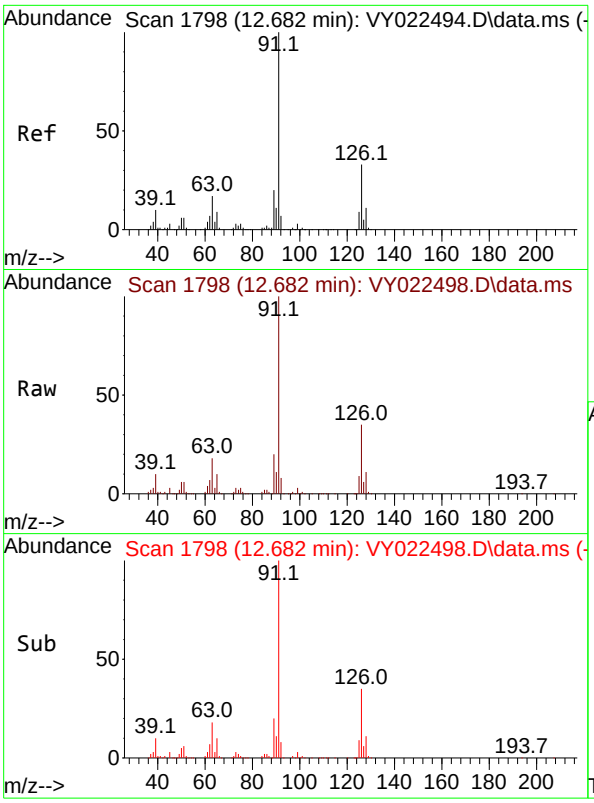


#78
n-propylbenzene
Concen: 46.696 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 680155

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4

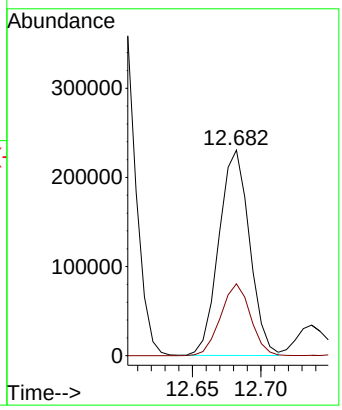




#79
2-Chlorotoluene
Concen: 46.472 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 35875

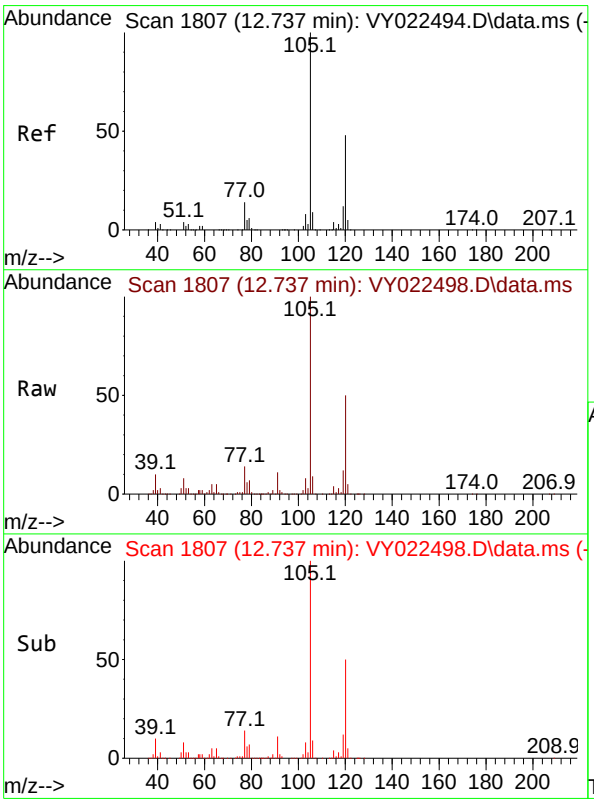
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

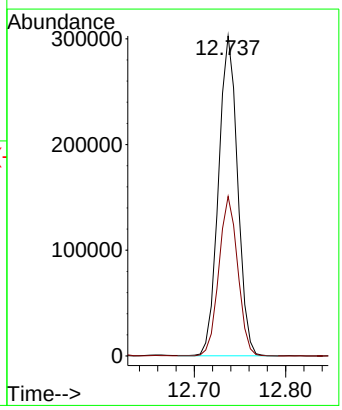
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

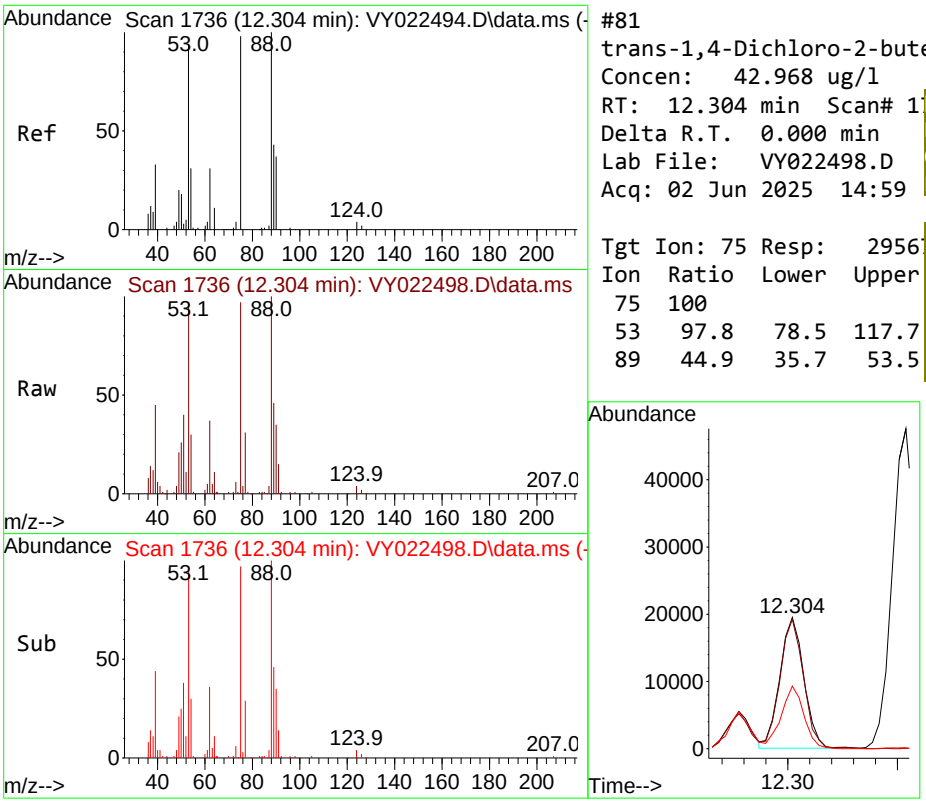


#80
1,3,5-Trimethylbenzene
Concen: 46.876 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 438873

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 42.968 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

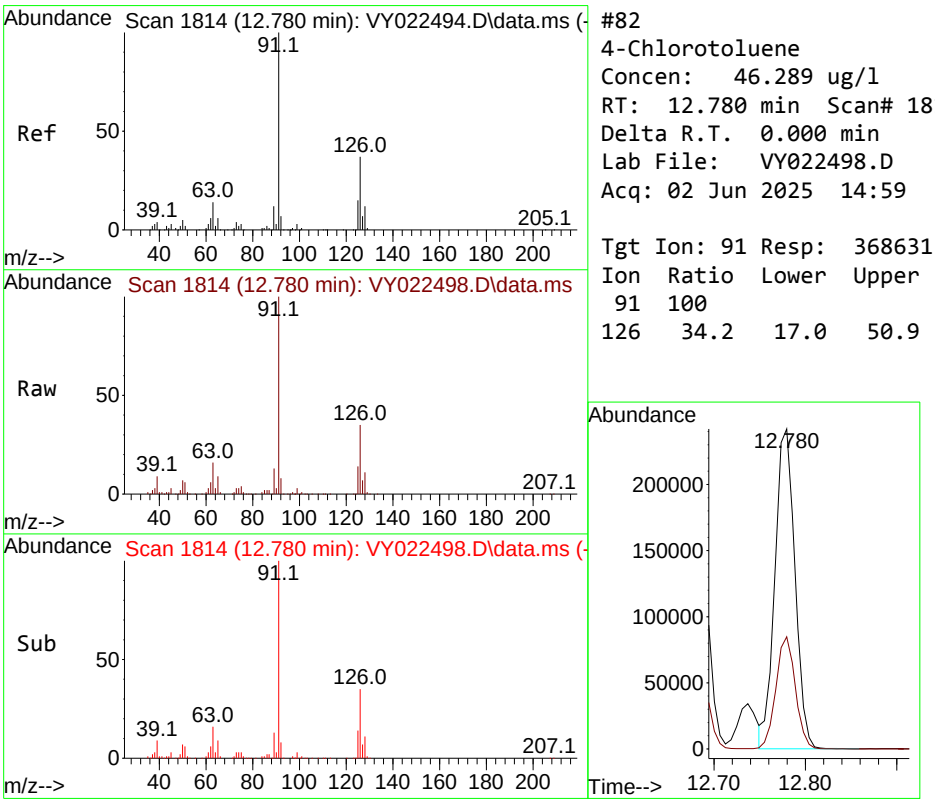
Tgt Ion: 75 Resp: 2956

Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.5	117.7
89	44.9	35.7	53.5

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

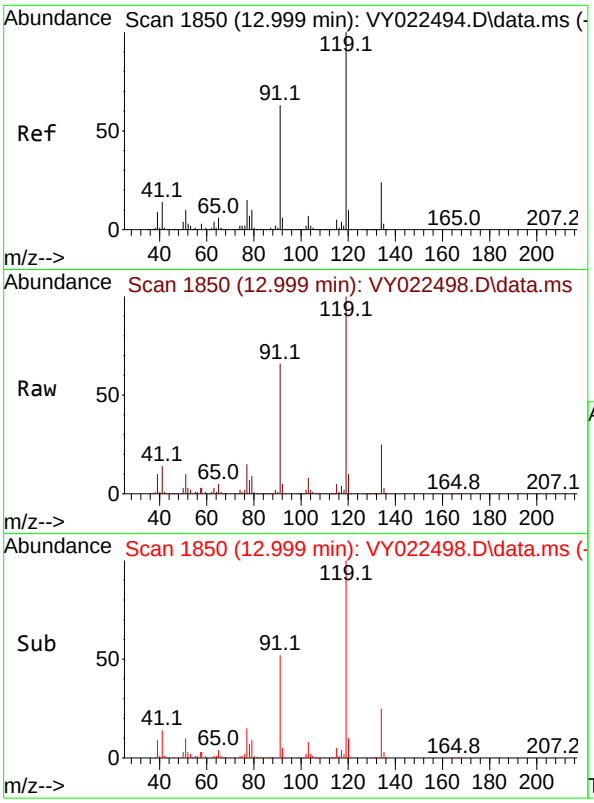
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 46.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 368631

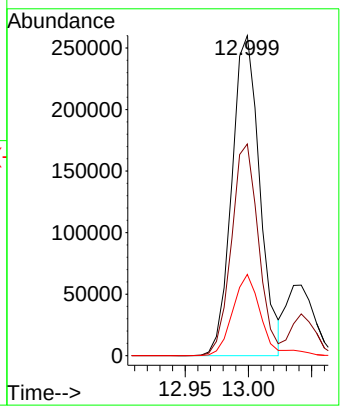
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9



#83
tert-Butylbenzene
Concen: 47.655 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 40044

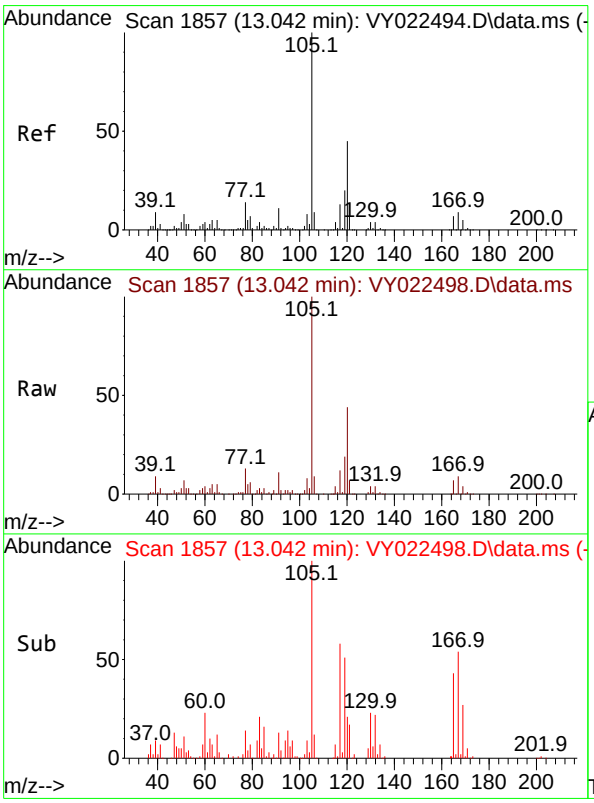
Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.3
134	25.9	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

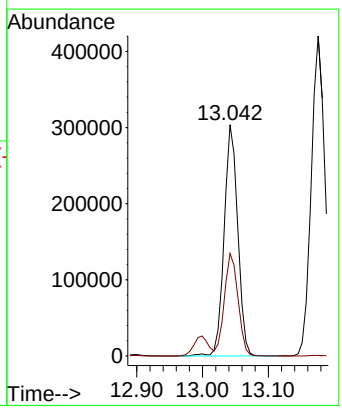
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

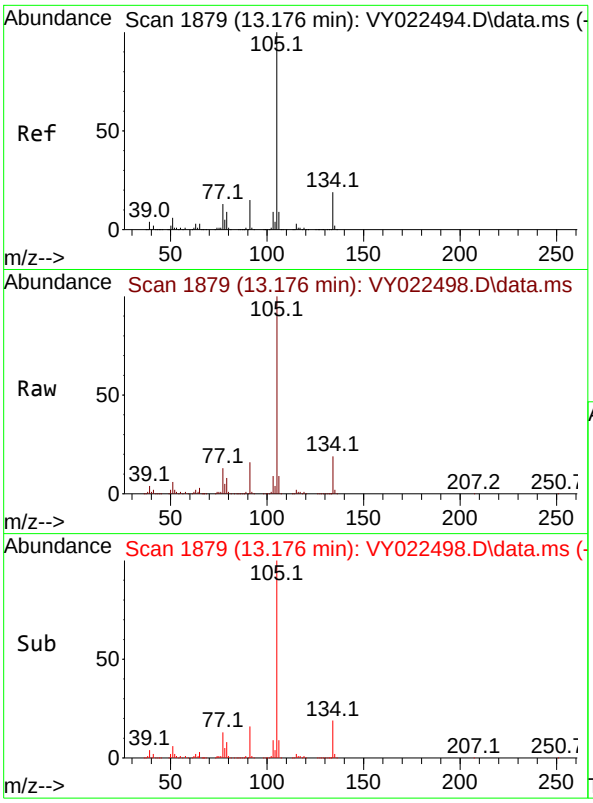


#84
1,2,4-Trimethylbenzene
Concen: 46.735 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 437631

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.1

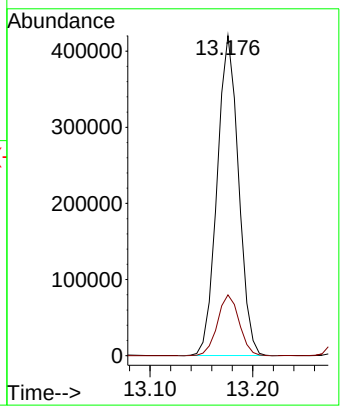




#85
sec-Butylbenzene
Concen: 47.241 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 60796

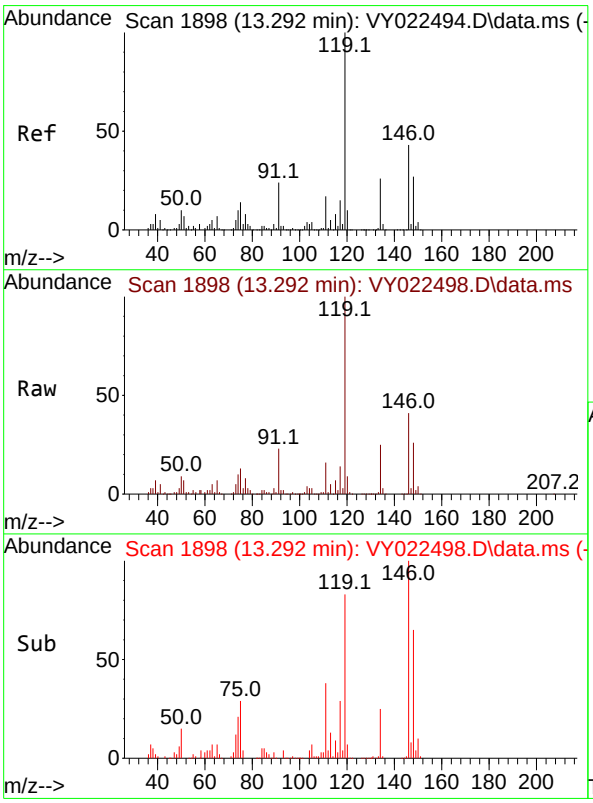
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

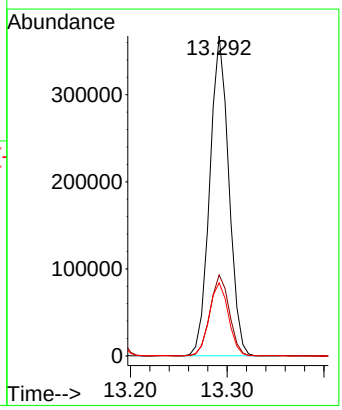
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

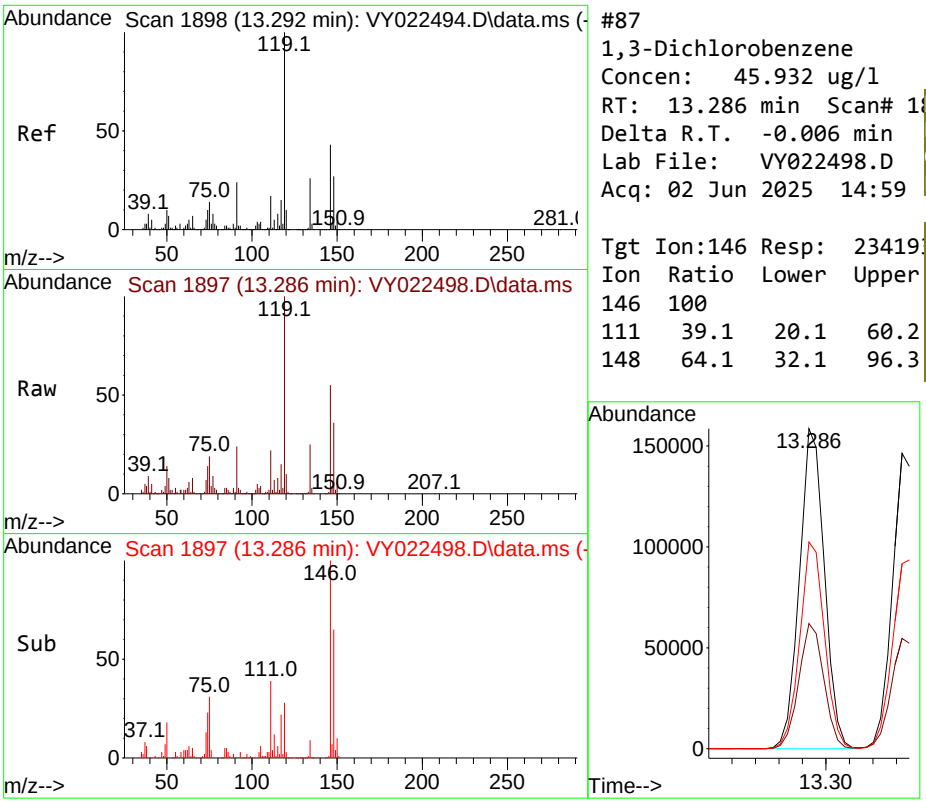


#86
p-Isopropyltoluene
Concen: 47.321 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 501979

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.0	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 45.932 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

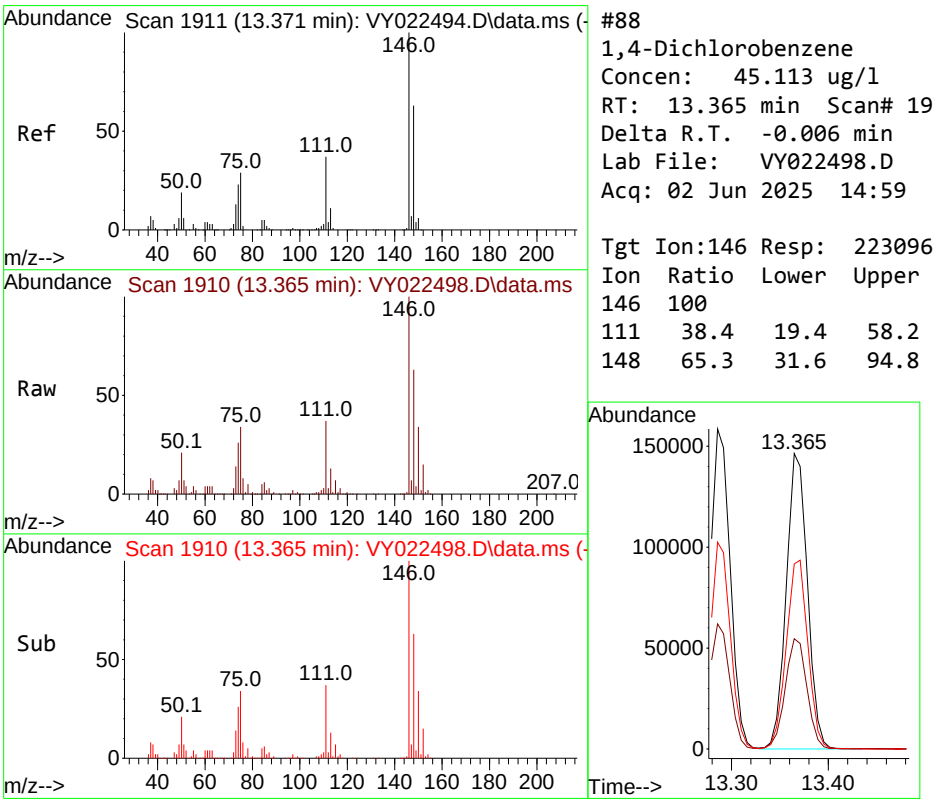
Tgt Ion:146 Resp: 23419

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.1	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations APPROVED

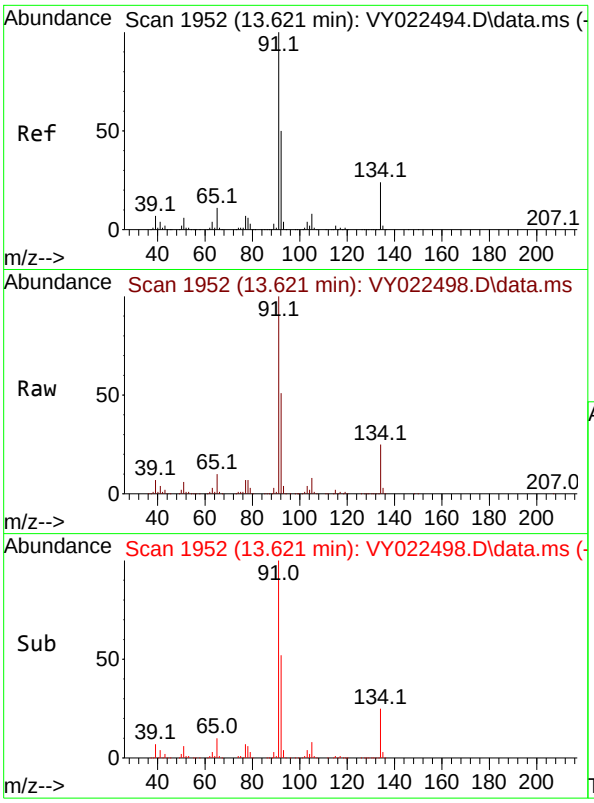
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#88
1,4-Dichlorobenzene
Concen: 45.113 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 223096

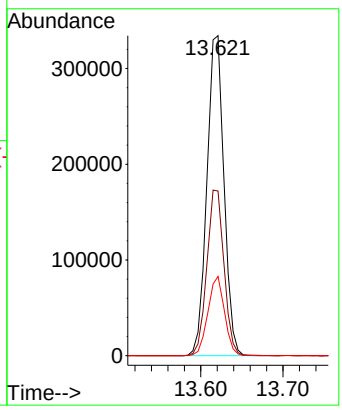
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	65.3	31.6	94.8



#89
n-Butylbenzene
Concen: 47.968 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 48277

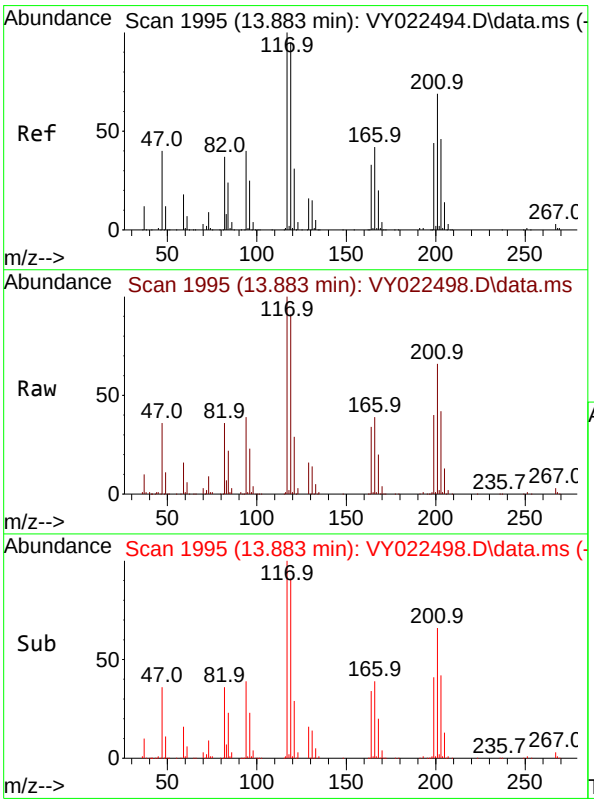
Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

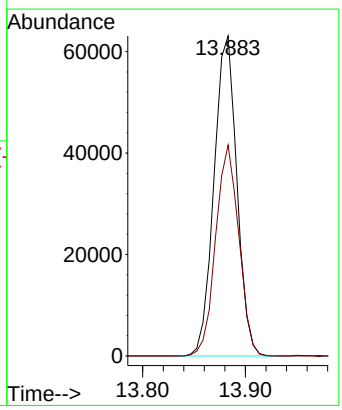
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

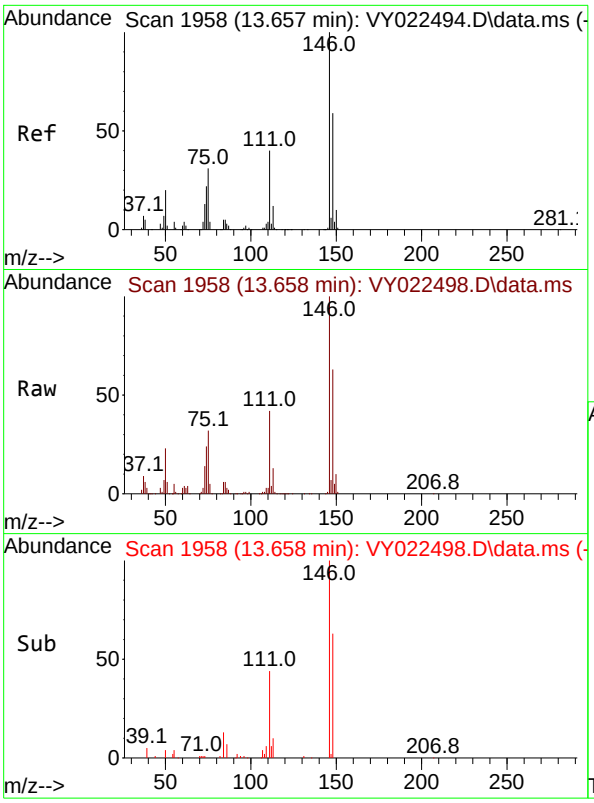


#90
Hexachloroethane
Concen: 47.101 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 97273

Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	102.0

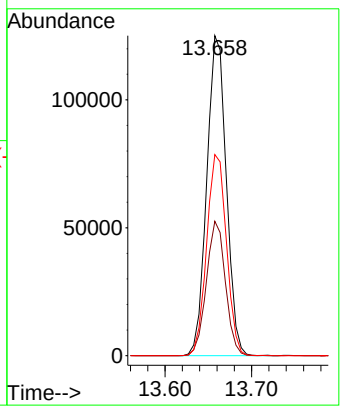




#91
1,2-Dichlorobenzene
Concen: 45.213 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 19572

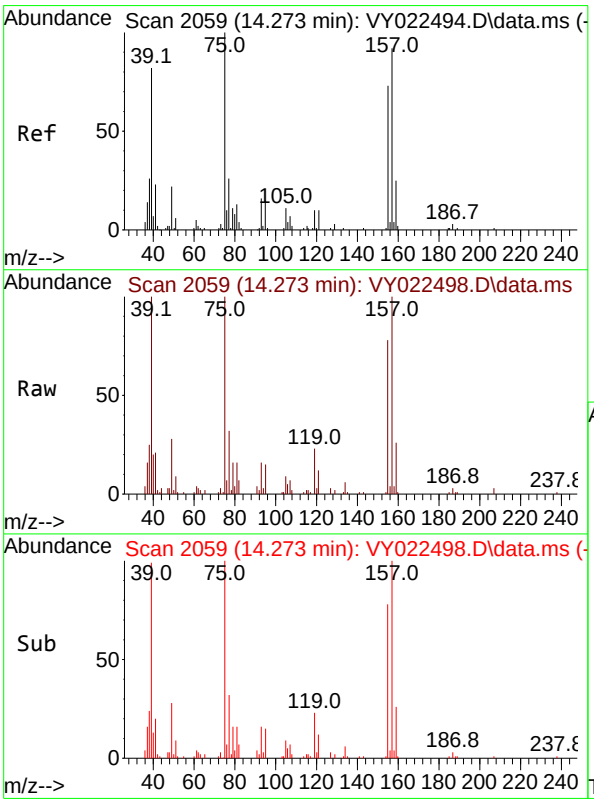
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	63.8	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

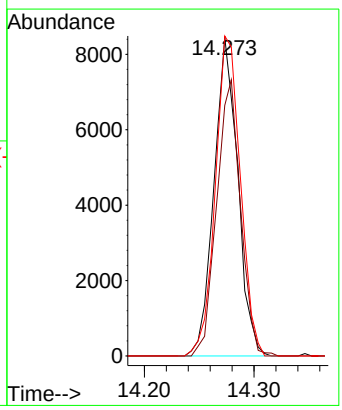
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

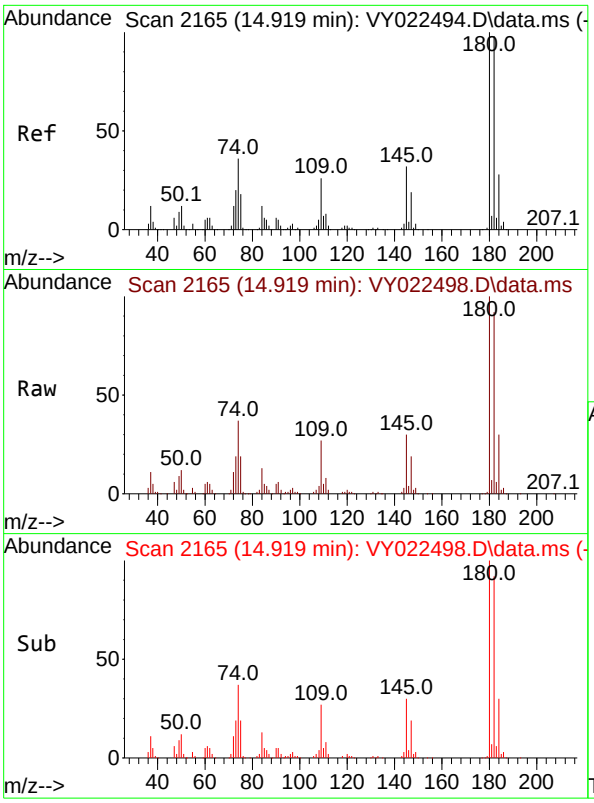


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.665 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 12728

Ion	Ratio	Lower	Upper
75	100		
155	87.1	39.9	119.6
157	105.8	54.0	162.0

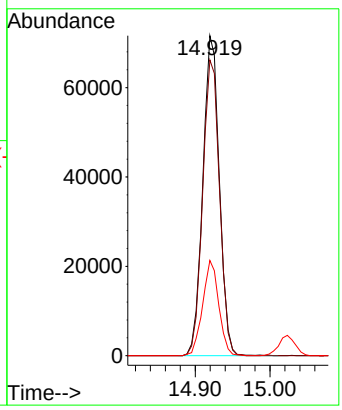




#93
1,2,4-Trichlorobenzene
Concen: 46.481 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 10974

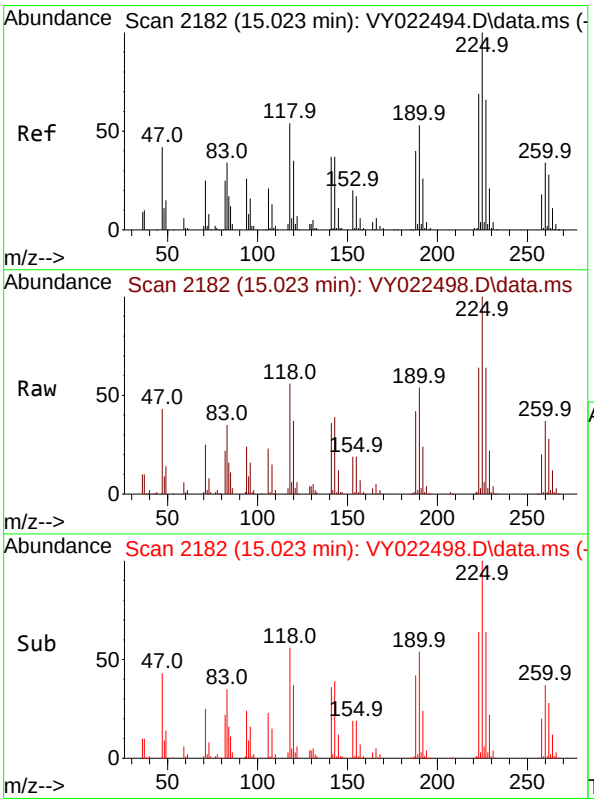
Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.3
145	29.1	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

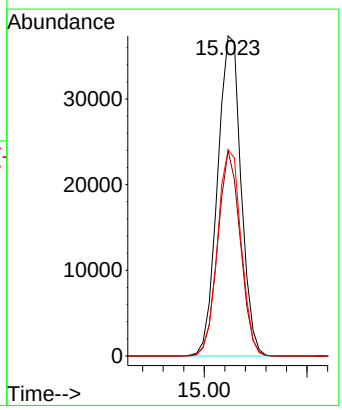
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

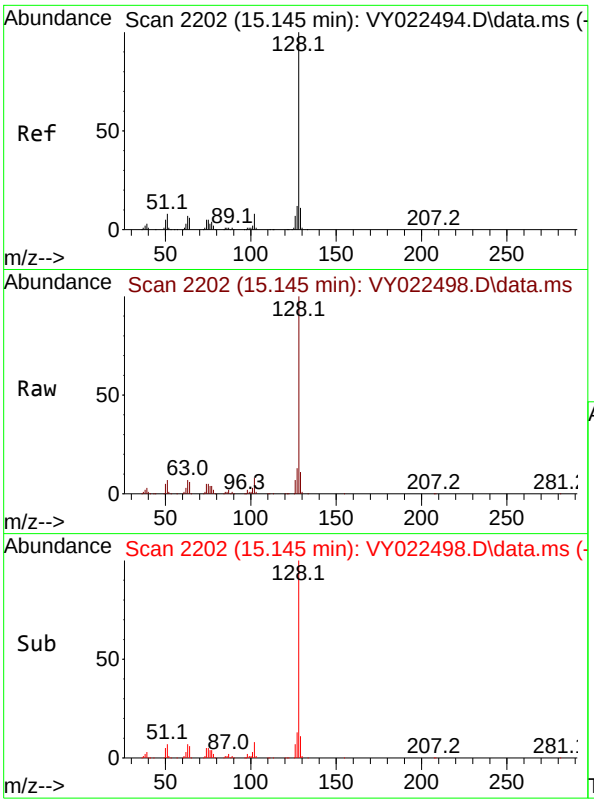


#94
Hexachlorobutadiene
Concen: 45.457 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:225 Resp: 59236

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.4
227	64.6	32.3	96.9

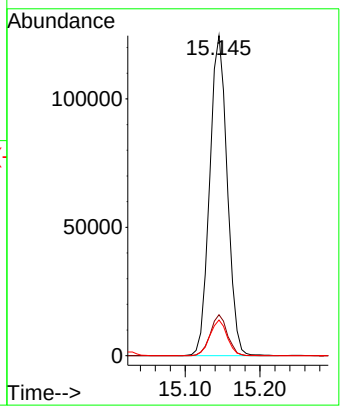




#95
Naphthalene
Concen: 45.009 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:128 Resp: 20392

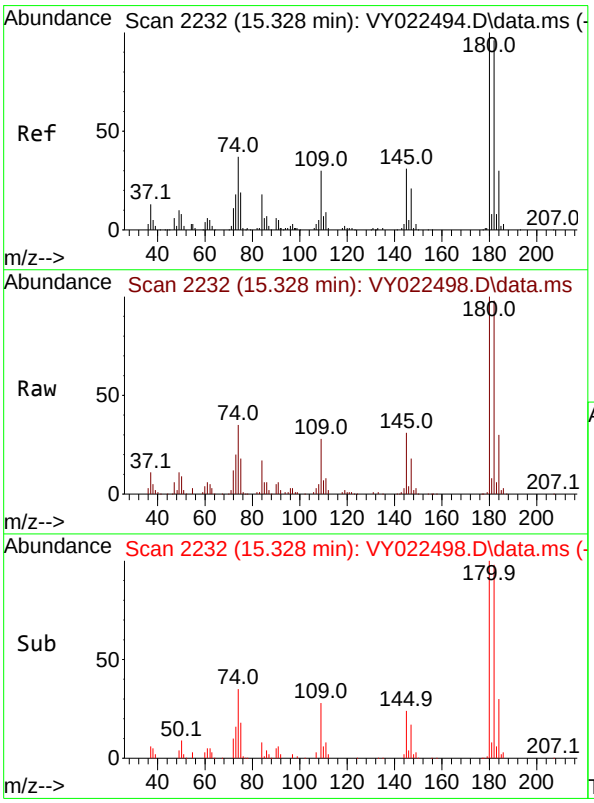
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.0	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Manual Integrations
APPROVED

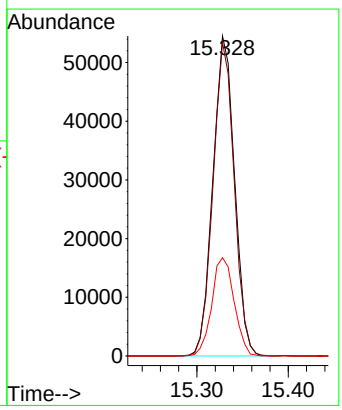
Reviewed By :Semsettin Yesilyurt 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.331 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 89699

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	31.8	15.2	45.6



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	0.448	0.383	14.5	97	0.00
3	P	Chloromethane	1.322	1.259	4.8	107	0.00
4	C	Vinyl Chloride	1.534	1.475	3.8#	103	0.00
5	T	Bromomethane	1.470	1.250	15.0	105	0.00
6	T	Chloroethane	1.053	0.939	10.8	102	0.00
7	T	Trichlorofluoromethane	1.302	1.237	5.0	105	0.00
8	T	Diethyl Ether	0.293	0.260	11.3	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.496	9.7	96	0.00
10	T	Methyl Iodide	0.594	0.533	10.3	86	0.00
11	T	Tert butyl alcohol	0.040	0.033	17.5	87	0.00
12	CM	1,1-Dichloroethene	0.524	0.485	7.4#	98	-0.01
13	T	Acrolein	0.050	0.044	12.0	97	0.00
14	T	Allyl chloride	0.823	0.755	8.3	98	0.00
15	T	Acrylonitrile	0.124	0.108	12.9	90	0.00
16	T	Acetone	0.114	0.101	11.4	91	0.00
17	T	Carbon Disulfide	1.679	1.559	7.1	98	0.00
18	T	Methyl Acetate	0.336	0.262	22.0	82	0.00
19	T	Methyl tert-butyl Ether	1.477	1.299	12.1	92	-0.01
20	T	Methylene Chloride	0.645	0.527	18.3	96	0.00
21	T	trans-1,2-Dichloroethene	0.587	0.540	8.0	99	0.00
22	T	Diisopropyl ether	1.832	1.616	11.8	93	0.00
23	T	Vinyl Acetate	1.084	0.971	10.4	94	0.00
24	P	1,1-Dichloroethane	1.079	0.994	7.9	98	0.00
25	T	2-Butanone	0.164	0.145	11.6	90	0.00
26	T	2,2-Dichloropropane	0.954	0.890	6.7	98	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.624	8.0	96	0.00
28	T	Bromochloromethane	0.471	0.438	7.0	101	0.00
29	T	Tetrahydrofuran	0.106	0.089	16.0	89	0.00
30	C	Chloroform	1.069	0.982	8.1#	97	0.00
31	T	Cyclohexane	1.075	0.940	12.6	97	0.00
32	T	1,1,1-Trichloroethane	0.949	0.885	6.7	97	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.487	12.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.298	0.279	6.4	90	0.00
36	T	1,1-Dichloropropene	0.484	0.455	6.0	97	0.00
37	T	Ethyl Acetate	0.216	0.188	13.0	85	0.00
38	T	Carbon Tetrachloride	0.497	0.475	4.4	97	0.00
39	T	Methylcyclohexane	0.651	0.611	6.1	97	0.00
40	TM	Benzene	1.431	1.345	6.0	97	0.00
41	T	Methacrylonitrile	0.126	0.109	13.5	91	-0.01
42	TM	1,2-Dichloroethane	0.391	0.357	8.7	95	0.00
43	T	Isopropyl Acetate	0.467	0.412	11.8	90	0.00
44	TM	Trichloroethene	0.350	0.326	6.9	95	0.00
45	C	1,2-Dichloropropane	0.338	0.315	6.8#	95	0.00
46	T	Dibromomethane	0.190	0.177	6.8	95	0.00
47	T	Bromodichloromethane	0.482	0.452	6.2	96	0.00
48	T	Methyl methacrylate	0.219	0.194	11.4	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	-0.01
50	S	Toluene-d8	1.206	1.128	6.5	92	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.204	12.4	87	0.00
52	CM	Toluene	0.899	0.848	5.7#	98	0.00
53	T	t-1,3-Dichloropropene	0.452	0.417	7.7	94	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.486	7.6	94	0.00
55	T	1,1,2-Trichloroethane	0.243	0.218	10.3	94	0.00
56	T	Ethyl methacrylate	0.351	0.316	10.0	91	0.00
57	T	1,3-Dichloropropane	0.430	0.393	8.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.155	2.5	101	0.00
59	T	2-Hexanone	0.156	0.137	12.2	88	0.00
60	T	Dibromochloromethane	0.308	0.278	9.7	92	0.00
61	T	1,2-Dibromoethane	0.221	0.203	8.1	95	0.00
62	S	4-Bromofluorobenzene	0.359	0.329	8.4	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.430	0.391	9.1	94	0.00
65	PM	Chlorobenzene	1.106	1.017	8.0	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.339	9.1	94	0.00
67	C	Ethyl Benzene	2.052	1.939	5.5#	98	0.00
68	T	m/p-Xylenes	0.778	0.727	6.6	97	0.00
69	T	o-Xylene	0.729	0.670	8.1	96	0.00
70	T	Styrene	1.206	1.129	6.4	96	0.00
71	P	Bromoform	0.198	0.178	10.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	4.105	3.853	6.1	97	0.00
74	T	N-amyl acetate	1.036	0.943	9.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.602	10.7	92	0.00
76	T	1,2,3-Trichloropropane	0.572	0.470	17.8	78	0.00
77	T	Bromobenzene	0.866	0.790	8.8	95	0.00
78	T	n-propylbenzene	5.014	4.683	6.6	96	0.00
79	T	2-Chlorotoluene	2.657	2.470	7.0	96	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.021	6.3	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.204	13.9	91	0.00
82	T	4-Chlorotoluene	2.741	2.538	7.4	95	0.00
83	T	tert-Butylbenzene	2.893	2.757	4.7	99	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.013	6.5	97	0.00
85	T	sec-Butylbenzene	4.430	4.186	5.5	98	0.00
86	T	p-Isopropyltoluene	3.652	3.456	5.4	98	0.00
87	T	1,3-Dichlorobenzene	1.755	1.612	8.1	97	0.00
88	T	1,4-Dichlorobenzene	1.702	1.536	9.8	94	0.00
89	T	n-Butylbenzene	3.464	3.324	4.0	98	0.00
90	T	Hexachloroethane	0.711	0.670	5.8	97	0.00
91	T	1,2-Dichlorobenzene	1.490	1.347	9.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.088	10.2	87	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.756	7.0	96	0.00
94	T	Hexachlorobutadiene	0.449	0.408	9.1	95	0.00
95	T	Naphthalene	1.560	1.404	10.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.618	11.3	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	50.000	42.825	14.3	97	0.00
3	P	Chloromethane	50.000	47.616	4.8	107	0.00
4	C	Vinyl Chloride	50.000	48.066	3.9#	103	0.00
5	T	Bromomethane	50.000	42.515	15.0	105	0.00
6	T	Chloroethane	50.000	44.575	10.8	102	0.00
7	T	Trichlorofluoromethane	50.000	47.475	5.0	105	0.00
8	T	Diethyl Ether	50.000	44.247	11.5	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.230	9.5	96	0.00
10	T	Methyl Iodide	50.000	44.885	10.2	86	0.00
11	T	Tert butyl alcohol	250.000	205.761	17.7	87	0.00
12	CM	1,1-Dichloroethene	50.000	46.234	7.5#	98	-0.01
13	T	Acrolein	250.000	223.473	10.6	97	0.00
14	T	Allyl chloride	50.000	45.834	8.3	98	0.00
15	T	Acrylonitrile	250.000	216.963	13.2	90	0.00
16	T	Acetone	250.000	221.854	11.3	91	0.00
17	T	Carbon Disulfide	50.000	46.432	7.1	98	0.00
18	T	Methyl Acetate	50.000	38.935	22.1	82	0.00
19	T	Methyl tert-butyl Ether	50.000	43.974	12.1	92	-0.01
20	T	Methylene Chloride	50.000	40.875	18.3	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.024	8.0	99	0.00
22	T	Diisopropyl ether	50.000	44.104	11.8	93	0.00
23	T	Vinyl Acetate	250.000	223.951	10.4	94	0.00
24	P	1,1-Dichloroethane	50.000	46.053	7.9	98	0.00
25	T	2-Butanone	250.000	220.736	11.7	90	0.00
26	T	2,2-Dichloropropane	50.000	46.639	6.7	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.024	8.0	96	0.00
28	T	Bromochloromethane	50.000	46.547	6.9	101	0.00
29	T	Tetrahydrofuran	250.000	211.767	15.3	89	0.00
30	C	Chloroform	50.000	45.919	8.2#	97	0.00
31	T	Cyclohexane	50.000	43.757	12.5	97	0.00
32	T	1,1,1-Trichloroethane	50.000	46.627	6.7	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.538	12.9	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	46.676	6.6	90	0.00
36	T	1,1-Dichloropropene	50.000	46.978	6.0	97	0.00
37	T	Ethyl Acetate	50.000	43.605	12.8	85	0.00
38	T	Carbon Tetrachloride	50.000	47.747	4.5	97	0.00
39	T	Methylcyclohexane	50.000	46.923	6.2	97	0.00
40	TM	Benzene	50.000	47.020	6.0	97	0.00
41	T	Methacrylonitrile	50.000	43.134	13.7	91	-0.01
42	TM	1,2-Dichloroethane	50.000	45.644	8.7	95	0.00
43	T	Isopropyl Acetate	50.000	44.122	11.8	90	0.00
44	TM	Trichloroethene	50.000	46.609	6.8	95	0.00
45	C	1,2-Dichloropropane	50.000	46.587	6.8#	95	0.00
46	T	Dibromomethane	50.000	46.430	7.1	95	0.00
47	T	Bromodichloromethane	50.000	46.825	6.3	96	0.00
48	T	Methyl methacrylate	50.000	44.198	11.6	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	816.553	18.3	88	-0.01
50	S	Toluene-d8	50.000	46.760	6.5	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	219.250	12.3	87	0.00
52	CM	Toluene	50.000	47.137	5.7#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	46.094	7.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.206	7.6	94	0.00
55	T	1,1,2-Trichloroethane	50.000	44.953	10.1	94	0.00
56	T	Ethyl methacrylate	50.000	45.029	9.9	91	0.00
57	T	1,3-Dichloropropane	50.000	45.696	8.6	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.746	2.5	101	0.00
59	T	2-Hexanone	250.000	220.088	12.0	88	0.00
60	T	Dibromochloromethane	50.000	45.114	9.8	92	0.00
61	T	1,2-Dibromoethane	50.000	45.960	8.1	95	0.00
62	S	4-Bromofluorobenzene	50.000	45.847	8.3	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	45.398	9.2	94	0.00
65	PM	Chlorobenzene	50.000	45.953	8.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.464	9.1	94	0.00
67	C	Ethyl Benzene	50.000	47.248	5.5#	98	0.00
68	T	m/p-Xylenes	100.000	93.473	6.5	97	0.00
69	T	o-Xylene	50.000	45.959	8.1	96	0.00
70	T	Styrene	50.000	46.815	6.4	96	0.00
71	P	Bromoform	50.000	44.852	10.3	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	46.933	6.1	97	0.00
74	T	N-amyl acetate	50.000	45.502	9.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.656	10.7	92	0.00
76	T	1,2,3-Trichloropropane	50.000	41.103	17.8	78	0.00
77	T	Bromobenzene	50.000	45.607	8.8	95	0.00
78	T	n-propylbenzene	50.000	46.696	6.6	96	0.00
79	T	2-Chlorotoluene	50.000	46.472	7.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.876	6.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.968	14.1	91	0.00
82	T	4-Chlorotoluene	50.000	46.289	7.4	95	0.00
83	T	tert-Butylbenzene	50.000	47.655	4.7	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.735	6.5	97	0.00
85	T	sec-Butylbenzene	50.000	47.241	5.5	98	0.00
86	T	p-Isopropyltoluene	50.000	47.321	5.4	98	0.00
87	T	1,3-Dichlorobenzene	50.000	45.932	8.1	97	0.00
88	T	1,4-Dichlorobenzene	50.000	45.113	9.8	94	0.00
89	T	n-Butylbenzene	50.000	47.968	4.1	98	0.00
90	T	Hexachloroethane	50.000	47.101	5.8	97	0.00
91	T	1,2-Dichlorobenzene	50.000	45.213	9.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.665	10.7	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.481	7.0	96	0.00
94	T	Hexachlorobutadiene	50.000	45.457	9.1	95	0.00
95	T	Naphthalene	50.000	45.009	10.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.331	11.3	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 10:14

Lab File ID: VX046409.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.801	0.1	7.95	20
Vinyl Chloride	0.691	0.722		4.49	20
Bromomethane	0.320	0.322		0.63	20
Chloroethane	0.369	0.398		7.86	20
Trichlorofluoromethane	1.021	1.123		9.99	20
1,1,2-Trichlorotrifluoroethane	0.632	0.704		11.39	20
1,1-Dichloroethene	0.593	0.644		8.6	20
Acetone	0.374	0.420		12.3	20
Carbon Disulfide	1.406	1.493		6.19	20
Methyl tert-butyl Ether	2.079	2.258		8.61	20
Methylene Chloride	0.716	0.714		-0.28	20
trans-1,2-Dichloroethene	0.596	0.646		8.39	20
1,1-Dichloroethane	1.219	1.347	0.1	10.5	20
2-Butanone	0.543	0.600		10.5	20
Carbon Tetrachloride	0.544	0.593		9.01	20
cis-1,2-Dichloroethene	0.718	0.778		8.36	20
Chloroform	1.271	1.387		9.13	20
1,1,1-Trichloroethane	1.101	1.190		8.08	20
Methylcyclohexane	0.623	0.679		8.99	20
Benzene	1.417	1.556		9.81	20
1,2-Dichloroethane	0.612	0.666		8.82	20
Trichloroethene	0.341	0.373		9.38	20
1,2-Dichloropropane	0.352	0.395		12.22	20
Bromodichloromethane	0.547	0.622		13.71	20
4-Methyl-2-Pentanone	0.605	0.678		12.07	20
Toluene	0.869	0.940		8.17	20
t-1,3-Dichloropropene	0.487	0.555		13.96	20
cis-1,3-Dichloropropene	0.538	0.621		15.43	20
1,1,2-Trichloroethane	0.343	0.376		9.62	20
2-Hexanone	0.448	0.503		12.28	20
Dibromochloromethane	0.376	0.436		15.96	20
Tetrachloroethene	0.354	0.397		12.15	20
Chlorobenzene	1.094	1.183	0.3	8.14	20
Ethyl Benzene	1.929	2.210		14.57	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.688	0.782		13.66	20
Styrene	1.127	1.325		17.57	20
Bromoform	0.281	0.328	0.1	16.73	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 10:14

Lab File ID: VX046409.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.893	4.252		9.22	20
1,1,2,2-Tetrachloroethane	1.364	1.396	0.3	2.35	20
1,3-Dichlorobenzene	1.649	1.805		9.46	20
1,4-Dichlorobenzene	1.684	1.797		6.71	20
1,2-Dichlorobenzene	1.655	1.772		7.07	20
1,2-Dichloroethane-d4	0.932	0.920		-1.29	20
Dibromofluoromethane	0.360	0.375		4.17	20
Toluene-d8	1.246	1.233		-1.04	20
4-Bromofluorobenzene	0.478	0.485		1.46	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\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	91458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84132	49.342	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.680%			
35) Dibromofluoromethane	5.373	113	58349	52.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.641	98	191933	49.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	75501	50.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	74890	53.499	ug/l	96
3) Chloromethane	1.301	50	73284	53.985	ug/l	98
4) Vinyl Chloride	1.374	62	66063	52.290	ug/l	99
5) Bromomethane	1.593	94	29432	50.227	ug/l	100
6) Chloroethane	1.666	64	36390	53.955	ug/l	98
7) Trichlorofluoromethane	1.874	101	102733	55.020	ug/l	99
8) Diethyl Ether	2.130	74	32852	51.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	64429	55.758	ug/l	98
10) Methyl Iodide	2.441	142	73946	54.083	ug/l	100
11) Tert butyl alcohol	2.971	59	60217	251.596	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58940	54.349	ug/l	96
13) Acrolein	2.233	56	73354	269.119	ug/l	98
14) Allyl chloride	2.654	41	118430	57.140	ug/l	97
15) Acrylonitrile	3.056	53	191001	279.087	ug/l	98
16) Acetone	2.380	43	192269	281.238	ug/l	99
17) Carbon Disulfide	2.502	76	136592	53.127	ug/l	100
18) Methyl Acetate	2.703	43	107277	67.621	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	206503	54.313	ug/l	100
20) Methylene Chloride	2.782	84	65272	49.822	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	59084	54.176	ug/l	95
22) Diisopropyl ether	3.751	45	224967	56.192	ug/l	99
23) Vinyl Acetate	3.715	43	959795	272.572	ug/l	100
24) 1,1-Dichloroethane	3.599	63	123217	55.257	ug/l	99
25) 2-Butanone	4.544	43	274497	276.566	ug/l	100
26) 2,2-Dichloropropane	4.465	77	95191	54.540	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	71161	54.202	ug/l	99
28) Bromochloromethane	4.885	49	54104	50.407	ug/l	98
29) Tetrahydrofuran	4.995	42	170240	273.726	ug/l	98
30) Chloroform	5.080	83	126809	54.560	ug/l	99
31) Cyclohexane	5.458	56	107618	52.962	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	108862	54.032	ug/l	99
36) 1,1-Dichloropropene	5.678	75	81871	54.361	ug/l	99
37) Ethyl Acetate	4.702	43	102307	54.982	ug/l	99
38) Carbon Tetrachloride	5.666	117	92271	54.528	ug/l	97
39) Methylcyclohexane	7.373	83	105648	54.488	ug/l	98
40) Benzene	6.025	78	242267	54.919	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	59869	61.507	ug/l		98
42) 1,2-Dichloroethane	6.074	62	103627	54.429	ug/l		99
43) Isopropyl Acetate	6.330	43	159524	56.197	ug/l		99
44) Trichloroethene	7.117	130	58068	54.691	ug/l		94
45) 1,2-Dichloropropane	7.421	63	61502	56.068	ug/l		95
46) Dibromomethane	7.574	93	47561	54.974	ug/l		99
47) Bromodichloromethane	7.812	83	96856	56.841	ug/l		99
48) Methyl methacrylate	7.684	41	83228	57.410	ug/l		99
49) 1,4-Dioxane	7.653	88	28493	1035.118	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	527696	280.055	ug/l		99
52) Toluene	8.714	92	146396	54.121	ug/l		99
53) t-1,3-Dichloropropene	8.970	75	86367	57.024	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	96608	57.712	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	58592	54.934	ug/l		98
56) Ethyl methacrylate	9.110	69	97109	57.126	ug/l		99
57) 1,3-Dichloropropane	9.305	76	102354	53.435	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.232	63	239108	275.903	ug/l		100
59) 2-Hexanone	9.427	43	391463	280.812	ug/l		100
60) Dibromochloromethane	9.519	129	67824	57.902	ug/l		97
61) 1,2-Dibromoethane	9.604	107	61152	55.163	ug/l		99
64) Tetrachloroethene	9.269	164	51973	56.142	ug/l		96
65) Chlorobenzene	10.073	112	154770	54.044	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55431	56.685	ug/l		99
67) Ethyl Benzene	10.189	91	289173	57.284	ug/l		100
68) m/p-Xylenes	10.299	106	209150	113.281	ug/l		98
69) o-Xylene	10.634	106	102312	56.842	ug/l		98
70) Styrene	10.653	104	173337	58.788	ug/l		99
71) Bromoform	10.793	173	42852	58.367	ug/l	#	98
73) Isopropylbenzene	10.957	105	274433	54.621	ug/l		100
74) N-amyl acetate	10.842	43	136906	55.143	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90062	51.151	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	84137m	54.163	ug/l		
77) Bromobenzene	11.195	156	62435	53.525	ug/l		99
78) n-propylbenzene	11.299	91	326575	55.901	ug/l		100
79) 2-Chlorotoluene	11.360	91	198028	52.554	ug/l		100
80) 1,3,5-Trimethylbenzene	11.445	105	230250	54.855	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.012	75	26906	56.390	ug/l		98
82) 4-Chlorotoluene	11.451	91	230030	55.048	ug/l		99
83) tert-Butylbenzene	11.713	119	227701	53.855	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	235959	55.511	ug/l		99
85) sec-Butylbenzene	11.884	105	291277	56.108	ug/l		100
86) p-Isopropyltoluene	12.006	119	243737	56.880	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	116500	54.725	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	115980	53.346	ug/l		100
89) n-Butylbenzene	12.329	91	224309	59.677	ug/l		100
90) Hexachloroethane	12.536	117	43197	57.220	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	114383	53.544	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21197	54.344	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	69193	56.393	ug/l		99
94) Hexachlorobutadiene	13.719	225	30357	56.649	ug/l		97
95) Naphthalene	13.774	128	246917	54.869	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	69047	54.538	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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

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

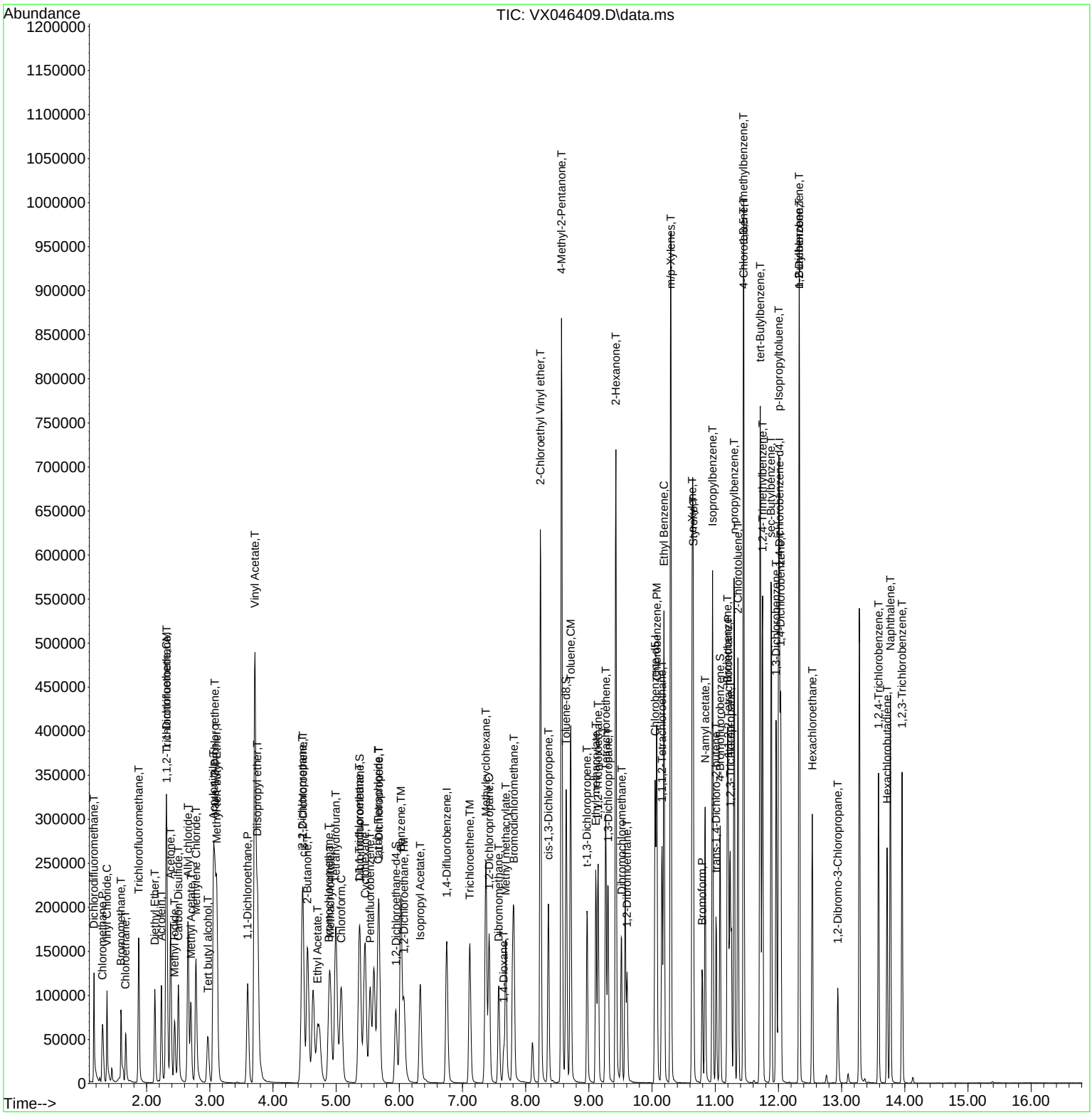
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

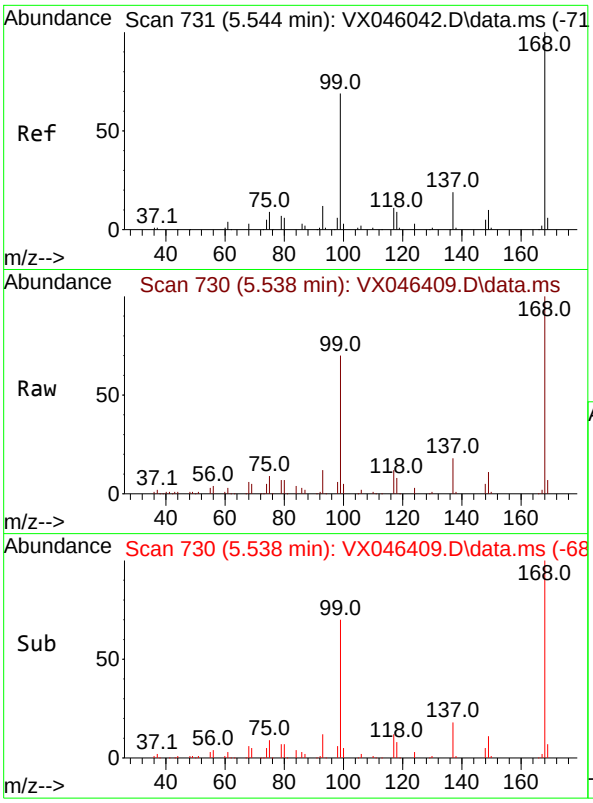
Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

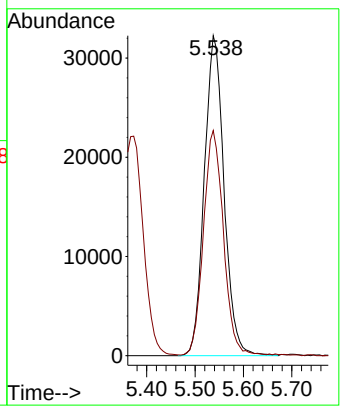




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:168 Resp: 9145

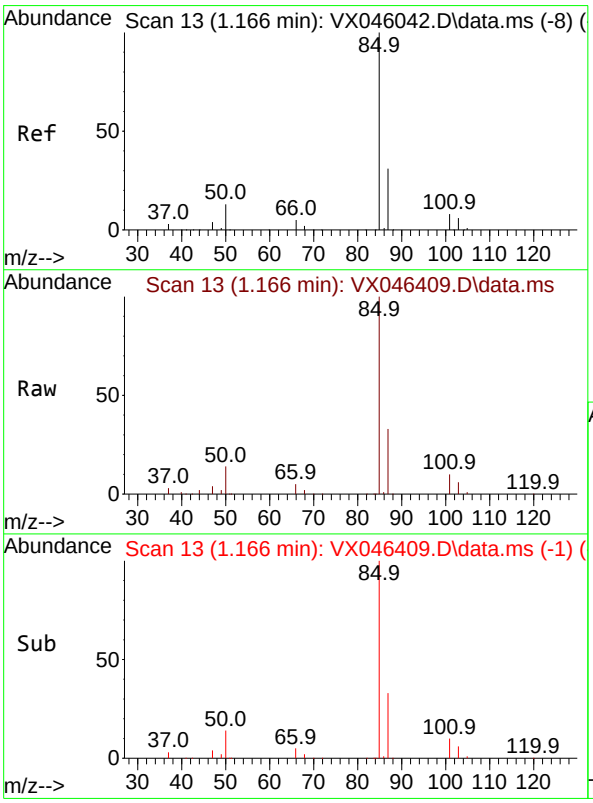
Ion	Ratio	Lower	Upper
168	100		
99	70.1	54.9	82.3



Instrument :
MSVOA_X
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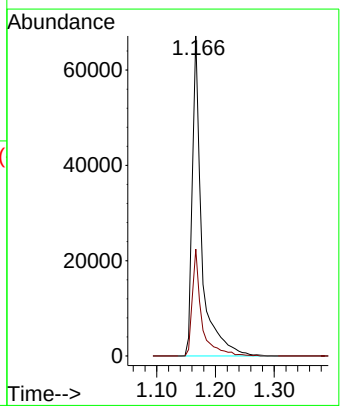
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

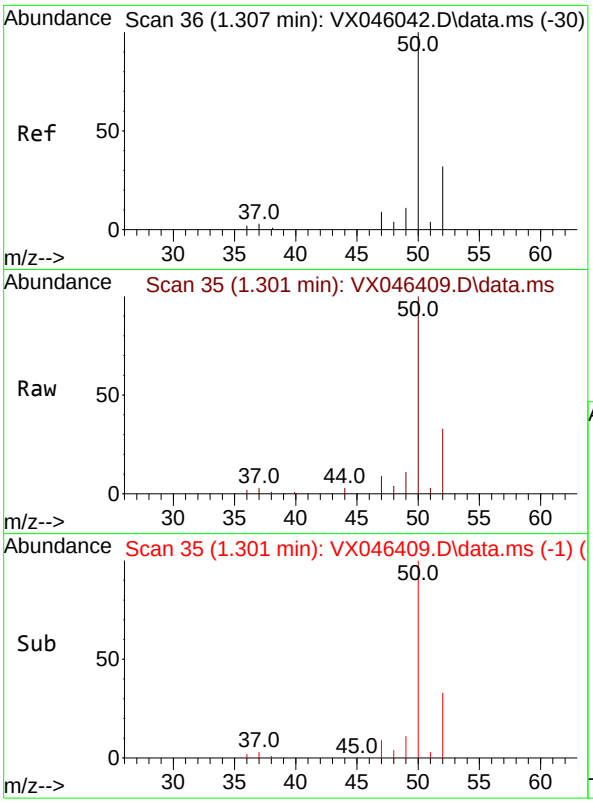


#2
Dichlorodifluoromethane
Concen: 53.499 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 85 Resp: 74890

Ion	Ratio	Lower	Upper
85	100		
87	33.4	15.7	47.1

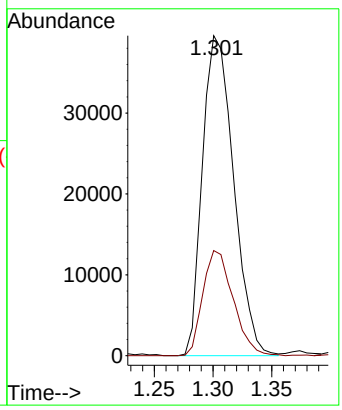




#3
Chloromethane
Concen: 53.985 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 50 Resp: 7328

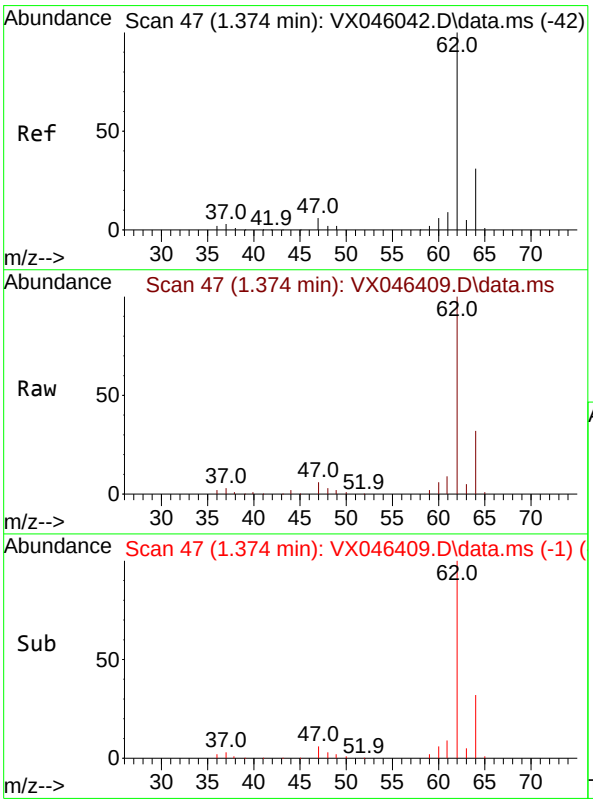
Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.2



Instrument :
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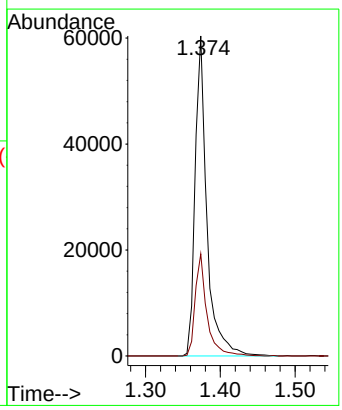
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

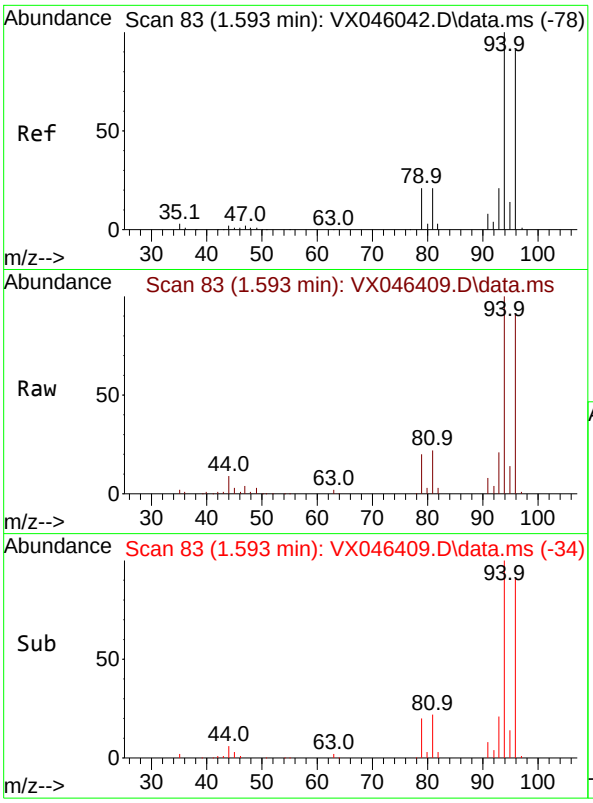


#4
Vinyl Chloride
Concen: 52.290 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 62 Resp: 66063

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.2	37.8

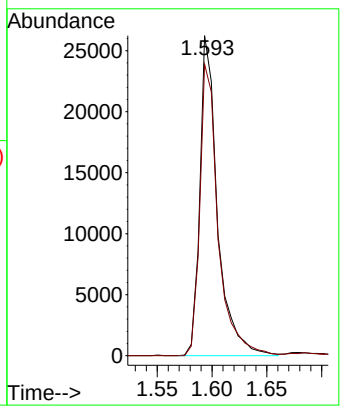




#5
Bromomethane
Concen: 50.227 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 94 Resp: 2943

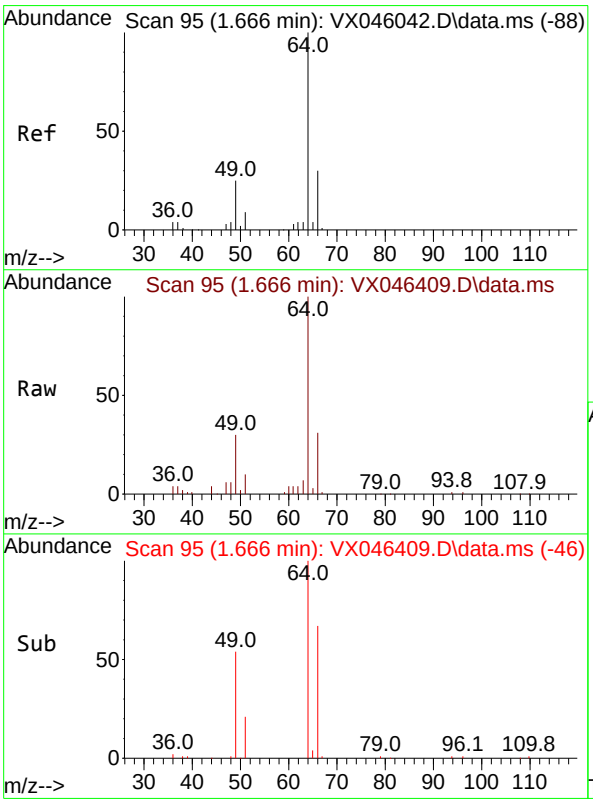
Ion	Ratio	Lower	Upper
94	100		
96	91.0	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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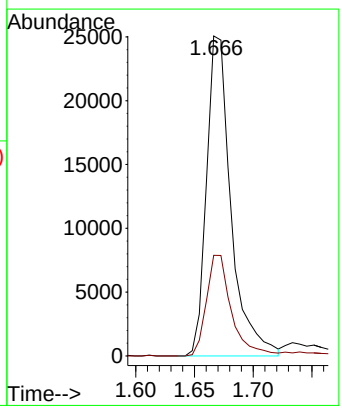
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

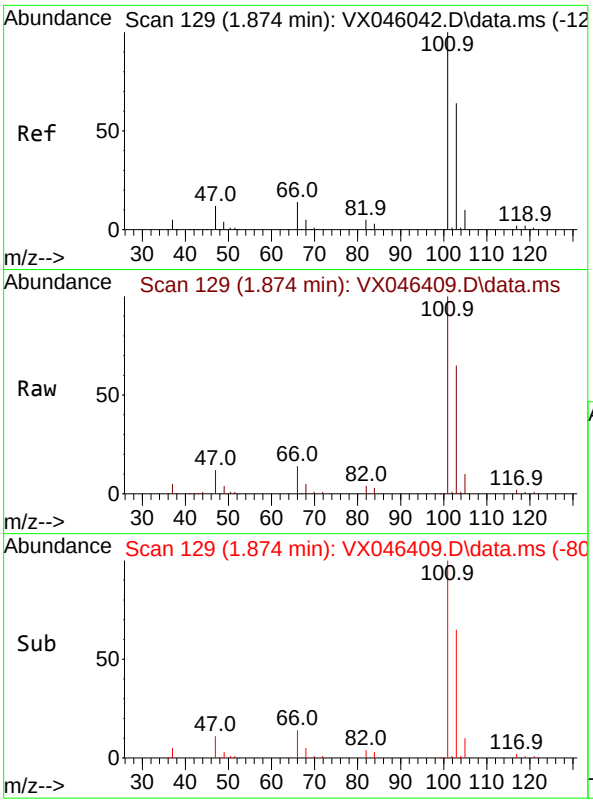


#6
Chloroethane
Concen: 53.955 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 64 Resp: 36390

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.3	36.5

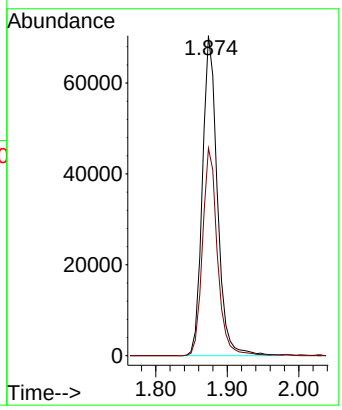




#7
Trichlorofluoromethane
Concen: 55.020 ug/l
RT: 1.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:101 Resp: 10273

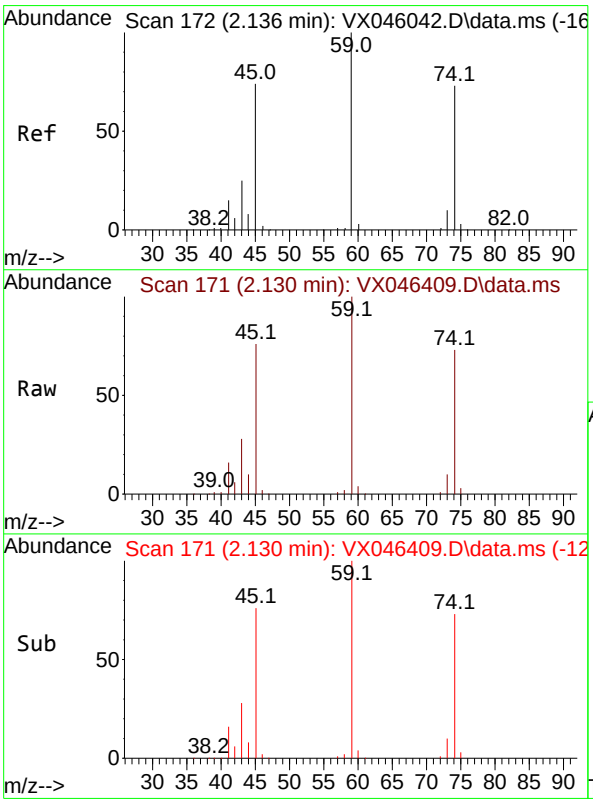
Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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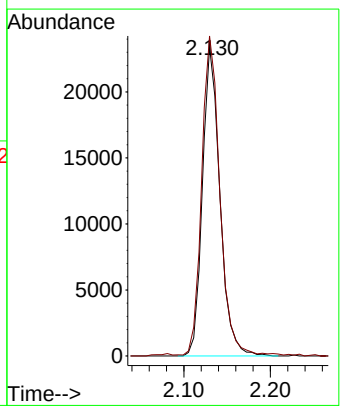
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

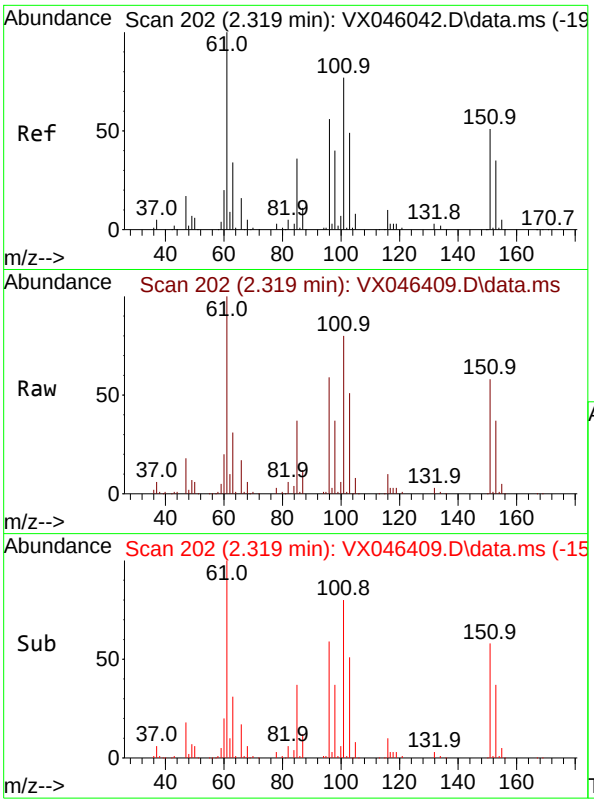


#8
Diethyl Ether
Concen: 51.685 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 74 Resp: 32852

Ion	Ratio	Lower	Upper
74	100		
45	106.7	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.758 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

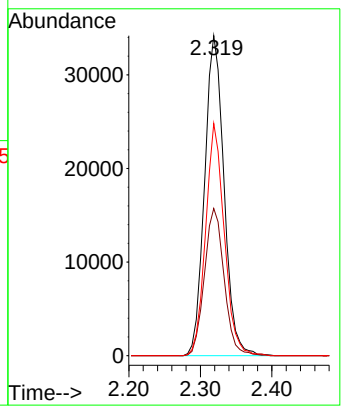
Tgt Ion:101 Resp: 6442

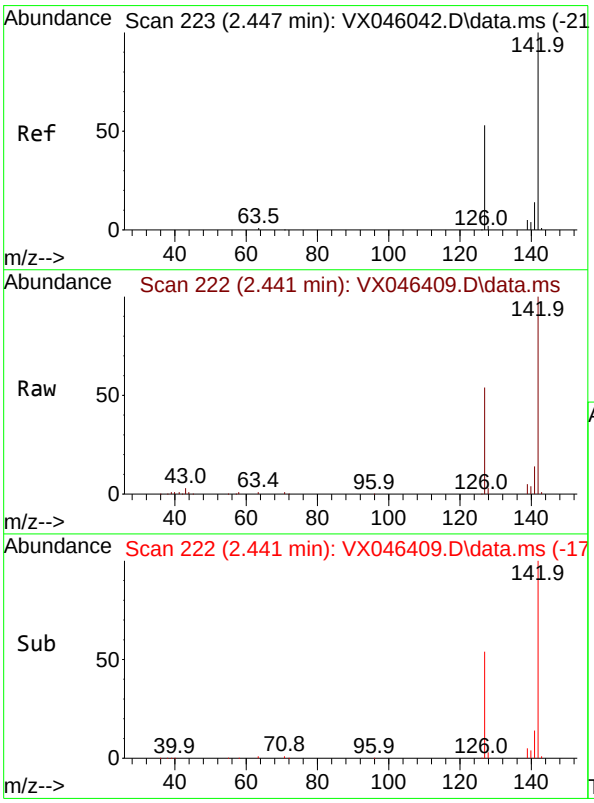
Ion	Ratio	Lower	Upper
101	100		
85	46.6	38.6	58.0
151	70.0	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

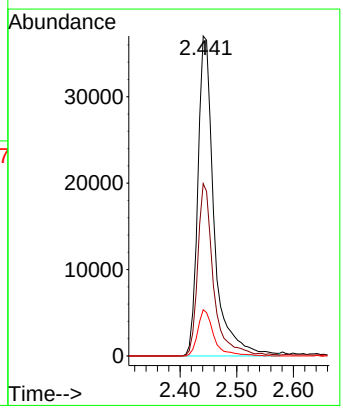


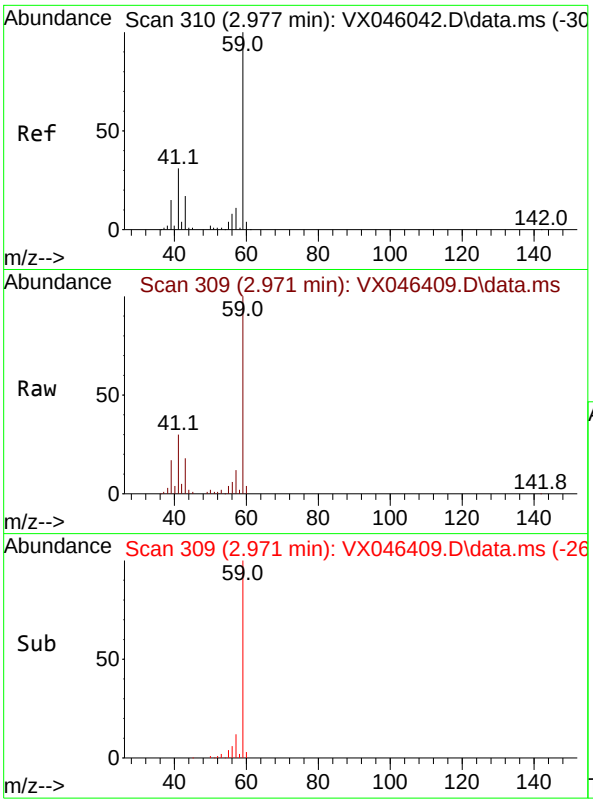


#10
Methyl Iodide
Concen: 54.083 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:142 Resp: 73946

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.7	62.5
141	14.3	11.5	17.3





#11
Tert butyl alcohol
Concen: 251.596 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

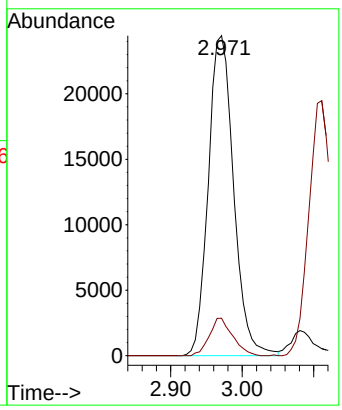
Tgt Ion: 59 Resp: 6021

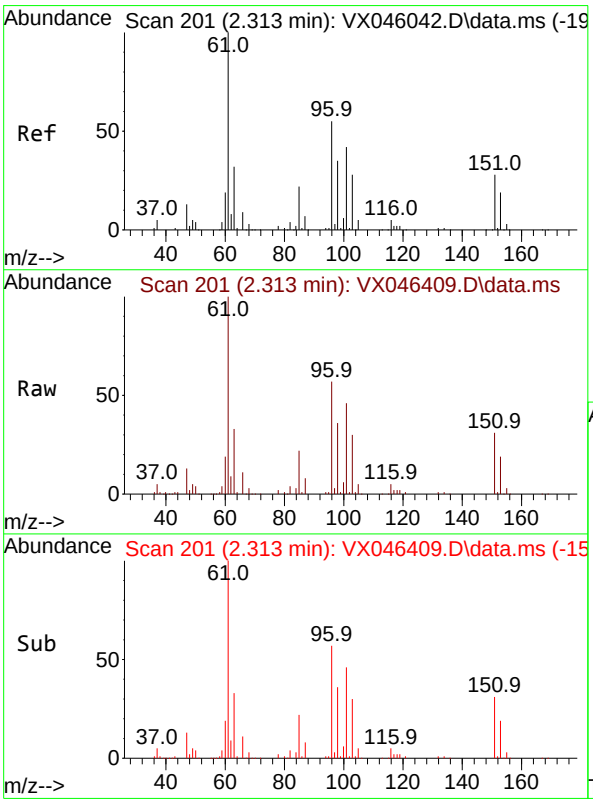
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

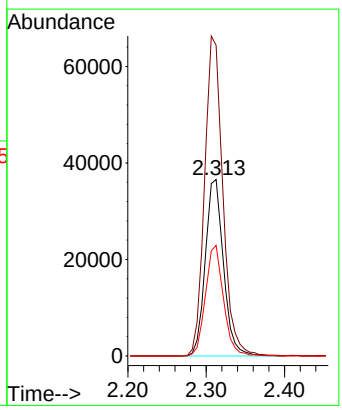


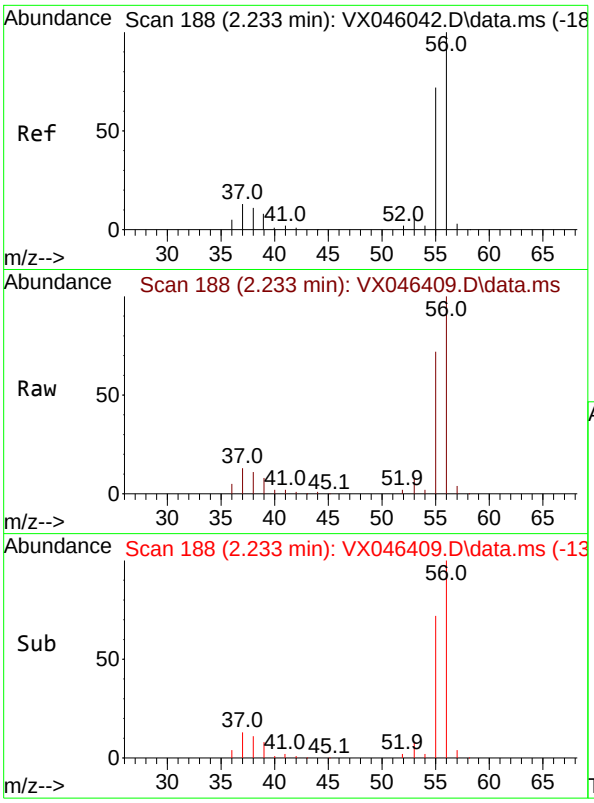


#12
1,1-Dichloroethene
Concen: 54.349 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 96 Resp: 58940

Ion	Ratio	Lower	Upper
96	100		
61	176.0	146.2	219.2
98	62.7	51.0	76.6

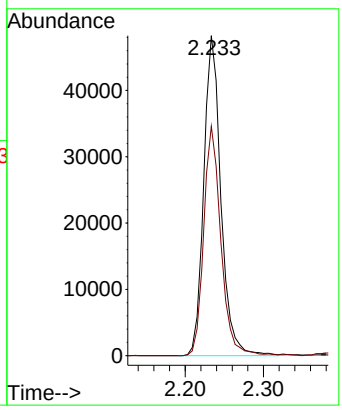




#13
Acrolein
Concen: 269.119 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 56 Resp: 7335

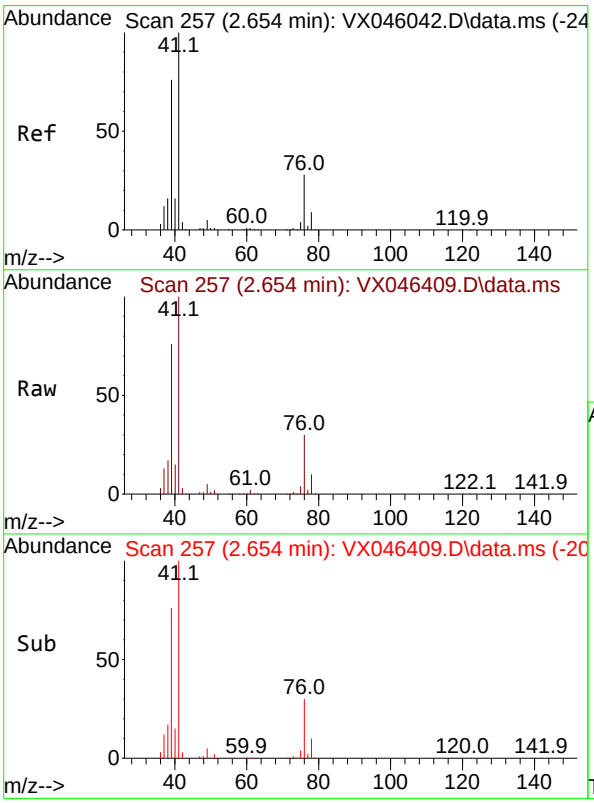
Ion	Ratio	Lower	Upper
56	100		
55	71.9	56.2	84.4



Instrument :
MSVOA_X
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VSTDCCC050

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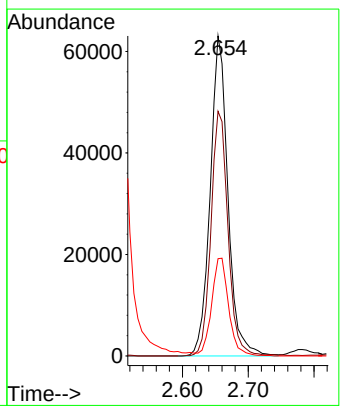
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

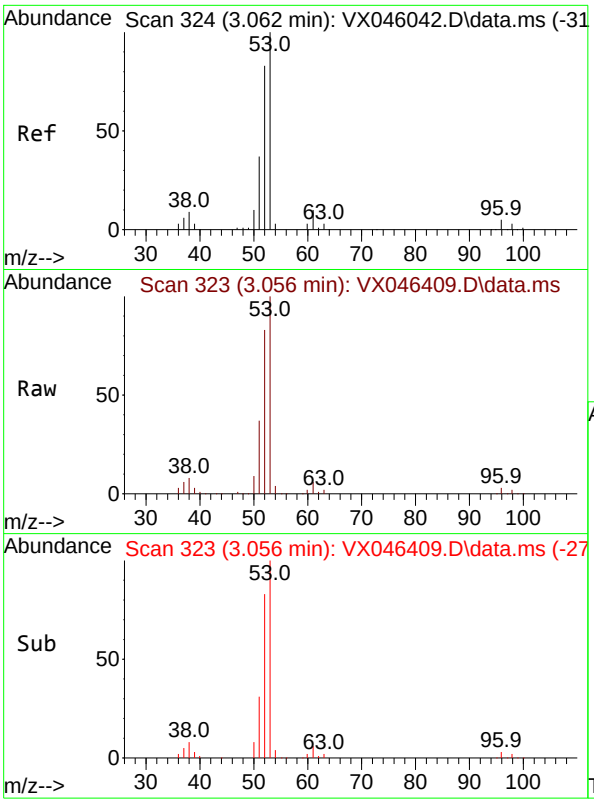


#14
Allyl chloride
Concen: 57.140 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 118430

Ion	Ratio	Lower	Upper
41	100		
39	73.2	60.6	90.8
76	29.4	24.9	37.3

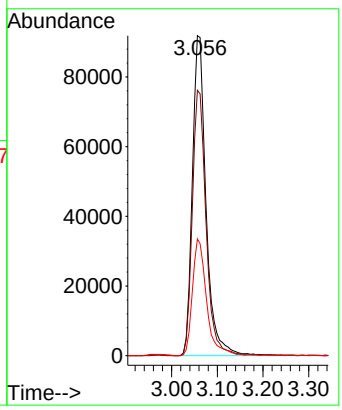




#15
Acrylonitrile
Concen: 279.087 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 53 Resp: 19100

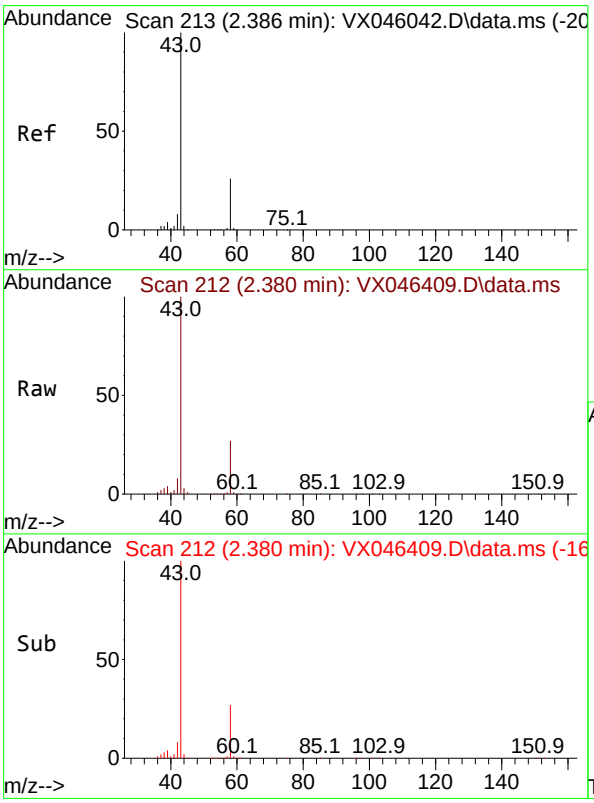
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.3	97.9
51	37.7	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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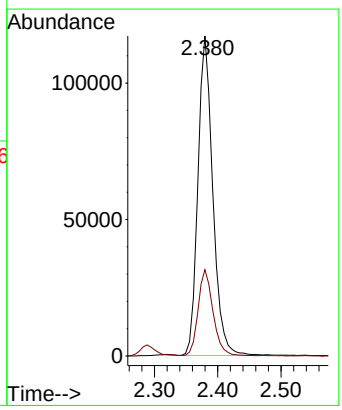
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

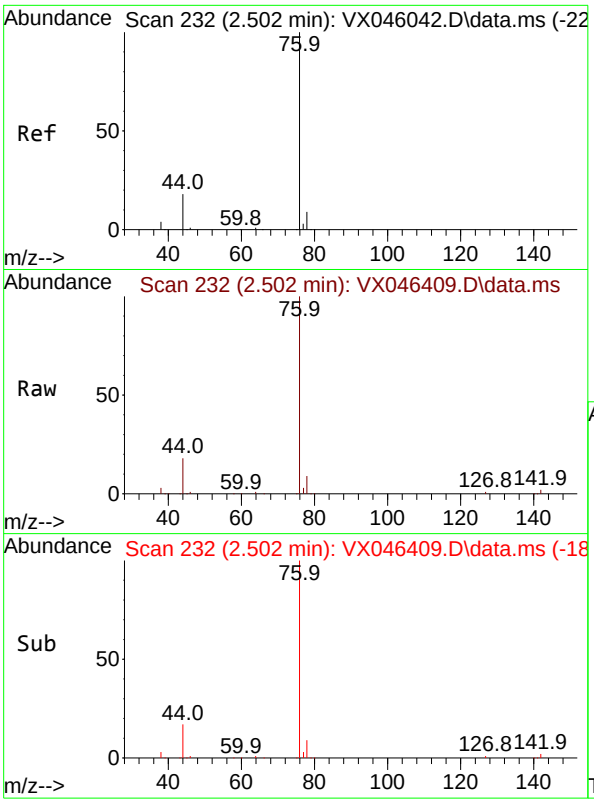


#16
Acetone
Concen: 281.238 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 192269

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8





#17
Carbon Disulfide
Concen: 53.127 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

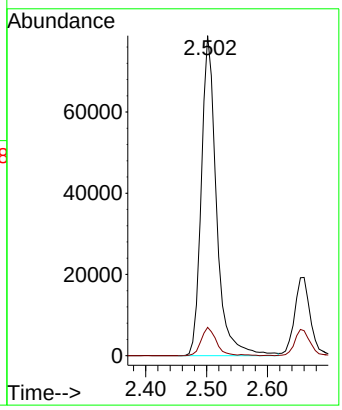
Tgt Ion: 76 Resp: 13659

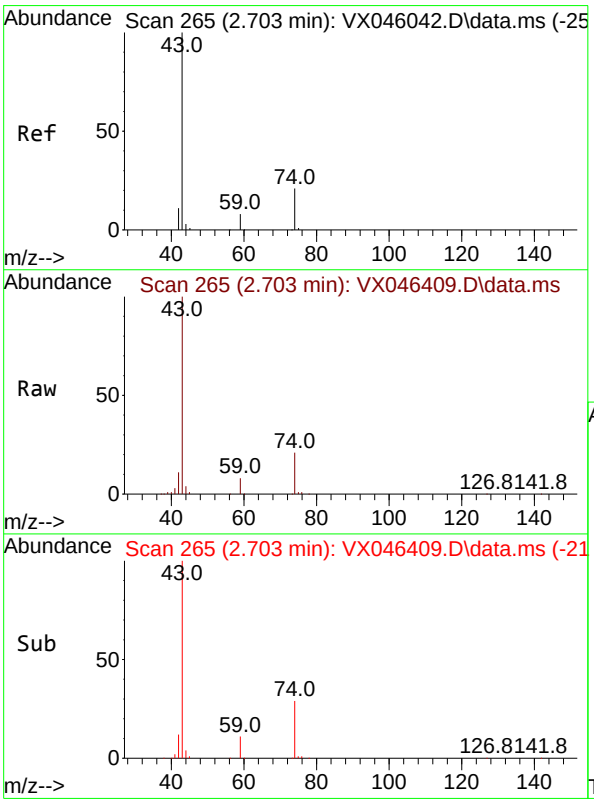
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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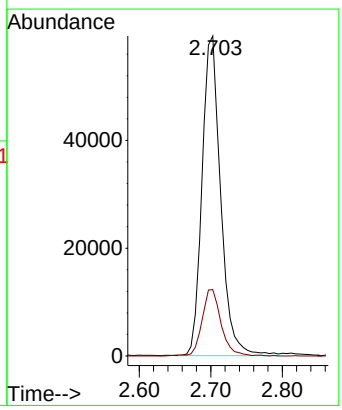


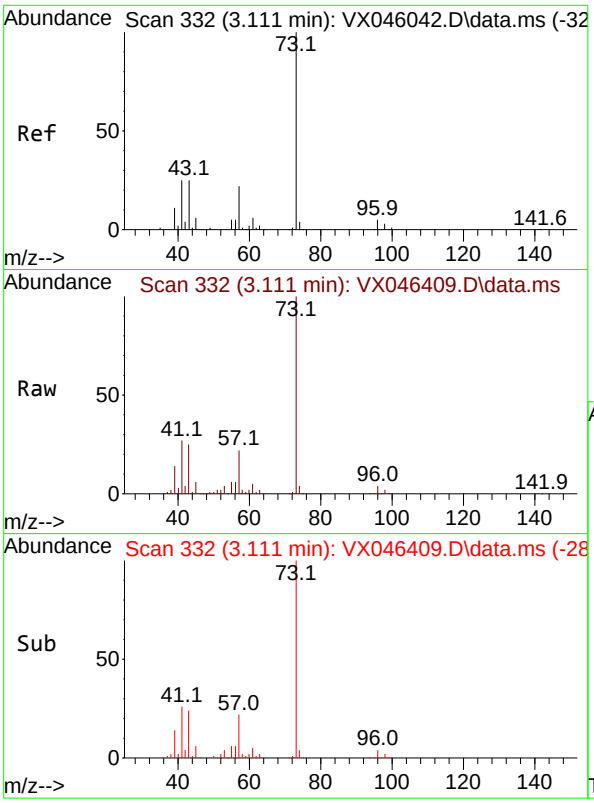


#18
Methyl Acetate
Concen: 67.621 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 107277

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





#19
Methyl tert-butyl Ether
Concen: 54.313 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

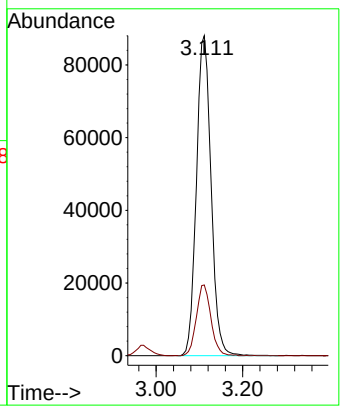
Tgt Ion: 73 Resp: 20650

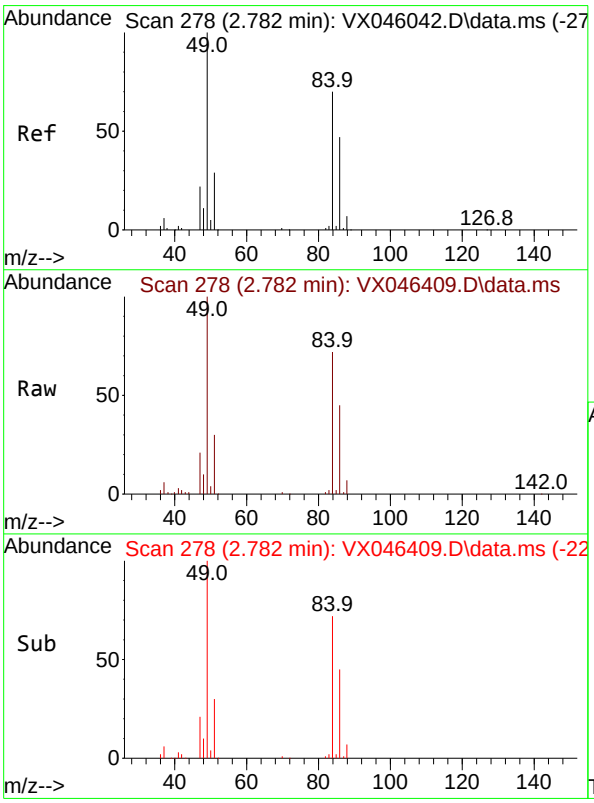
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

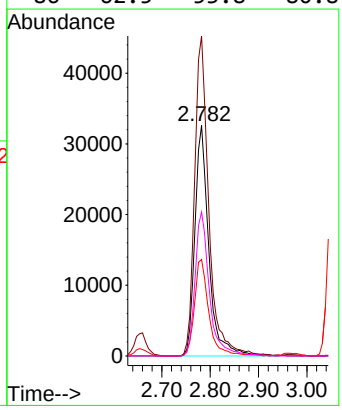


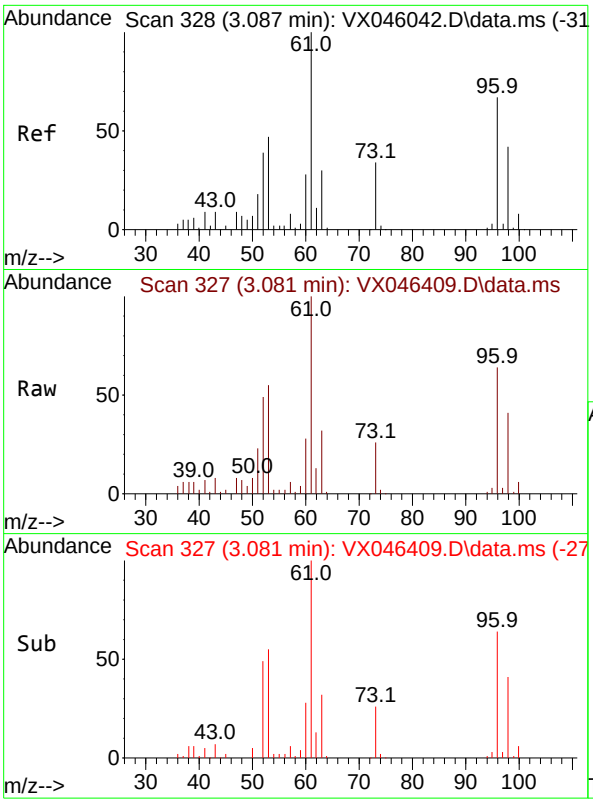


#20
Methylene Chloride
Concen: 49.822 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 84 Resp: 65272

Ion	Ratio	Lower	Upper
84	100		
49	138.8	113.9	170.9
51	41.9	33.5	50.3
86	62.5	53.8	80.8

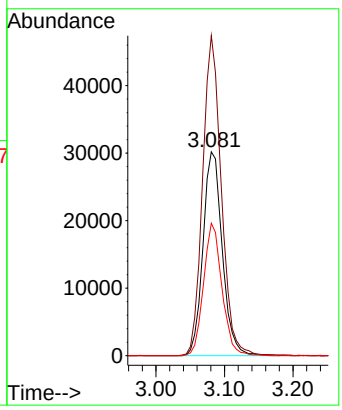




#21
trans-1,2-Dichloroethene
Concen: 54.176 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 96 Resp: 5908

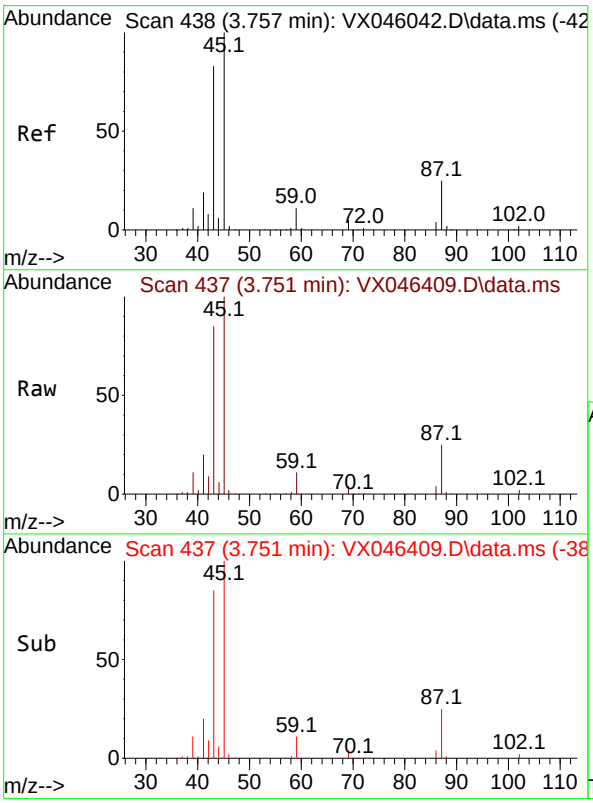
Ion	Ratio	Lower	Upper
96	100		
61	157.0	119.5	179.3
98	65.0	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

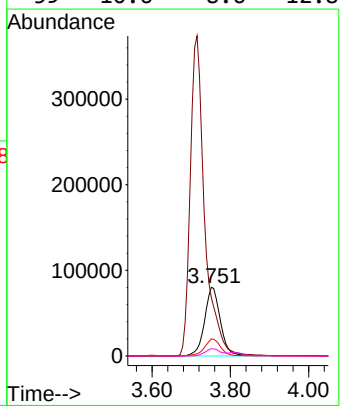
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

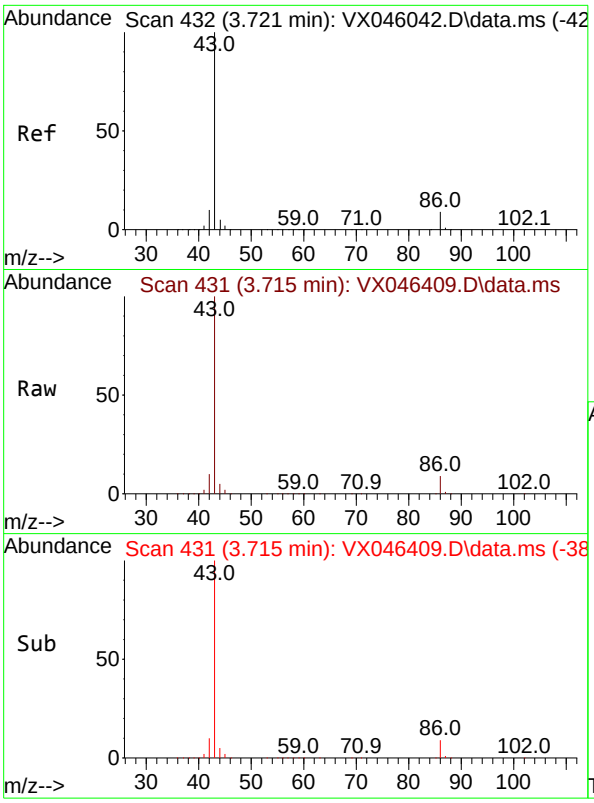


#22
Diisopropyl ether
Concen: 56.192 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 45 Resp: 224967

Ion	Ratio	Lower	Upper
45	100		
43	84.8	66.6	100.0
87	24.9	19.8	29.6
59	10.6	8.6	12.8

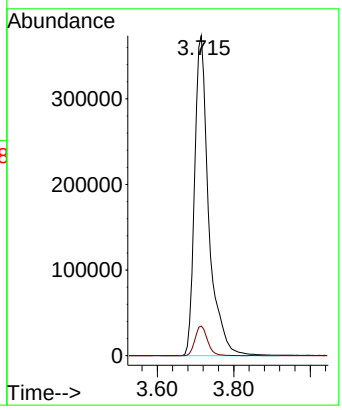




#23
Vinyl Acetate
Concen: 272.572 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 95979

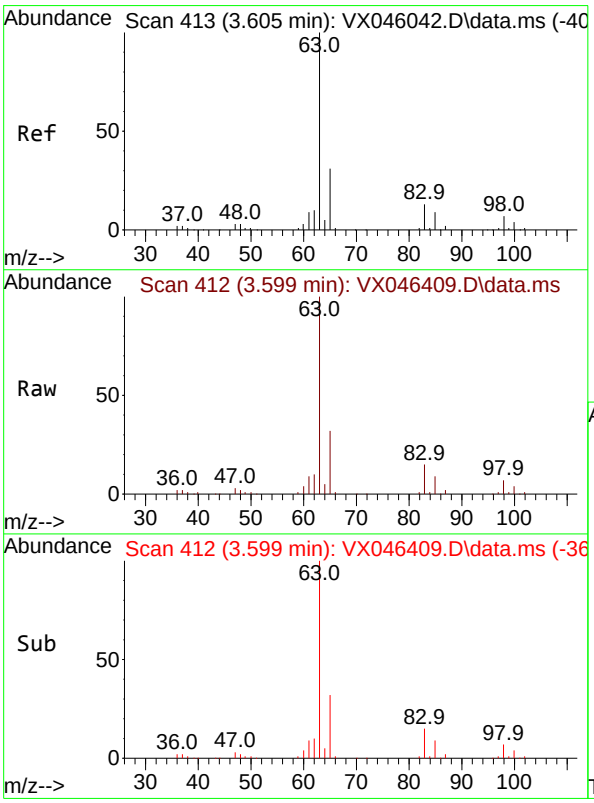
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

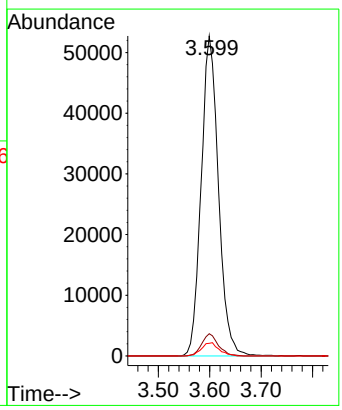
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

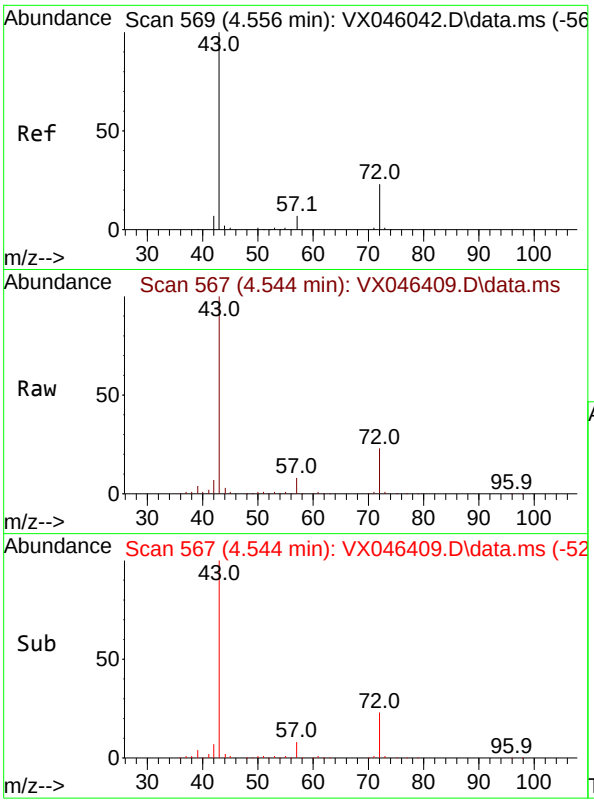


#24
1,1-Dichloroethane
Concen: 55.257 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 123217

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.0	2.1	6.3

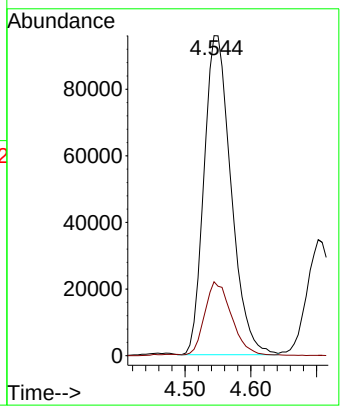




#25
2-Butanone
Concen: 276.566 ug/l
RT: 4.544 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 27449

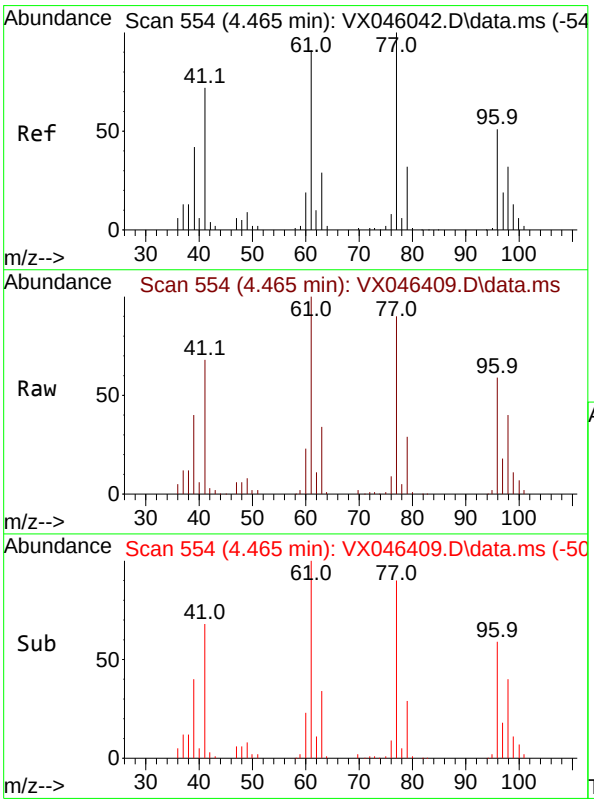
Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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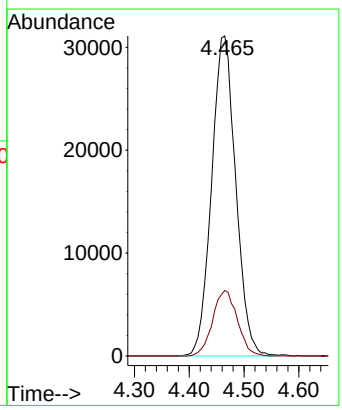
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

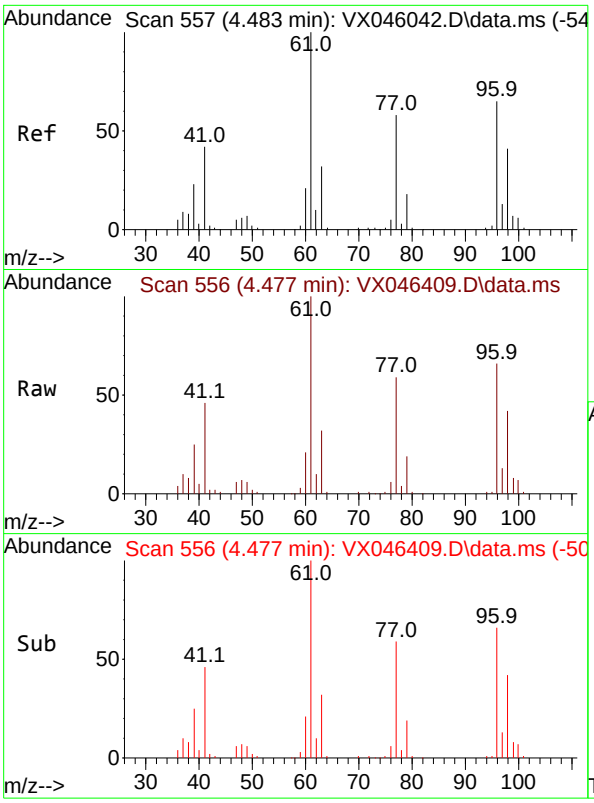


#26
2,2-Dichloropropane
Concen: 54.540 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 77 Resp: 95191

Ion	Ratio	Lower	Upper
77	100		
97	20.9	10.5	31.5





#27
cis-1,2-Dichloroethene
Concen: 54.202 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

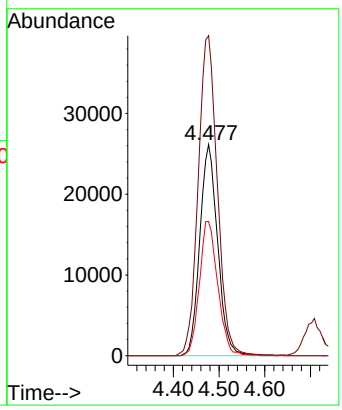
Tgt Ion: 96 Resp: 7116

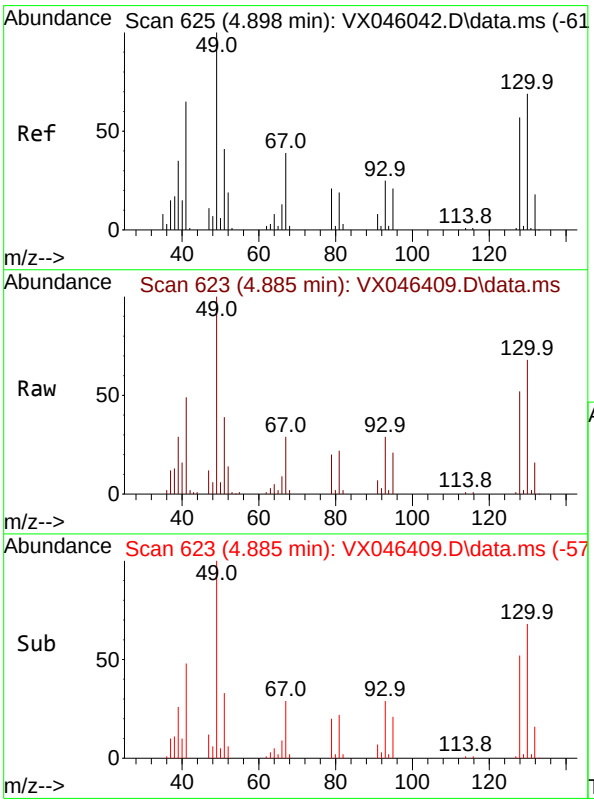
Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	322.8
98	65.2	0.0	129.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

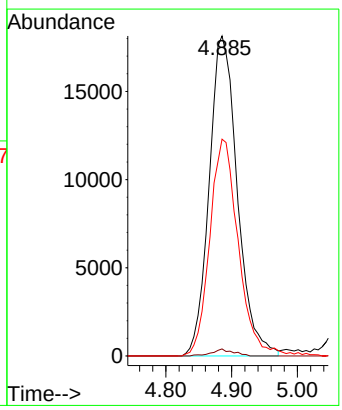


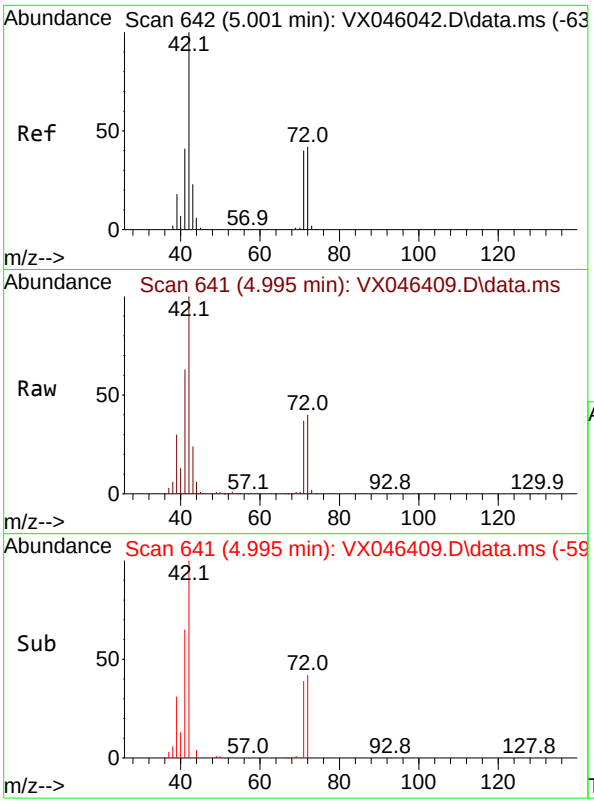


#28
Bromochloromethane
Concen: 50.407 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 49 Resp: 54104

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	68.9	56.2	84.2





#29
Tetrahydrofuran
Concen: 273.726 ug/l
RT: 4.995 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

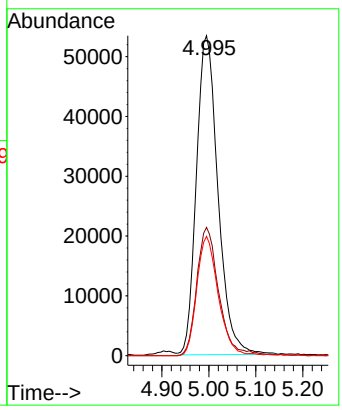
Tgt Ion: 42 Resp: 17024

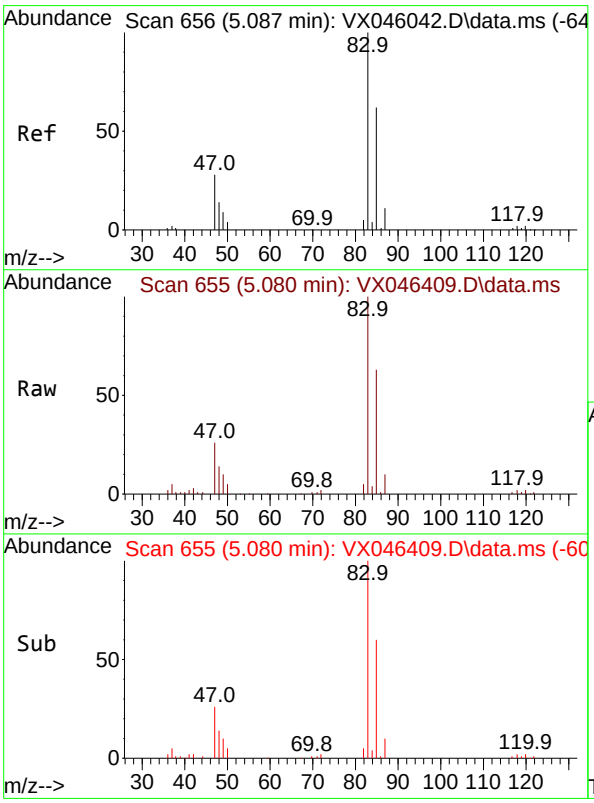
Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.7	50.5
71	37.2	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

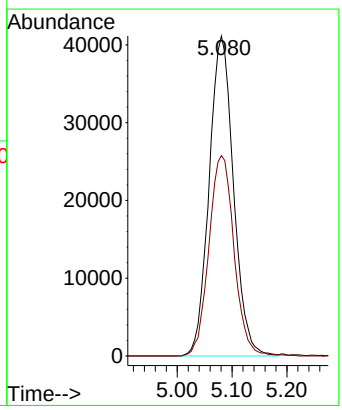


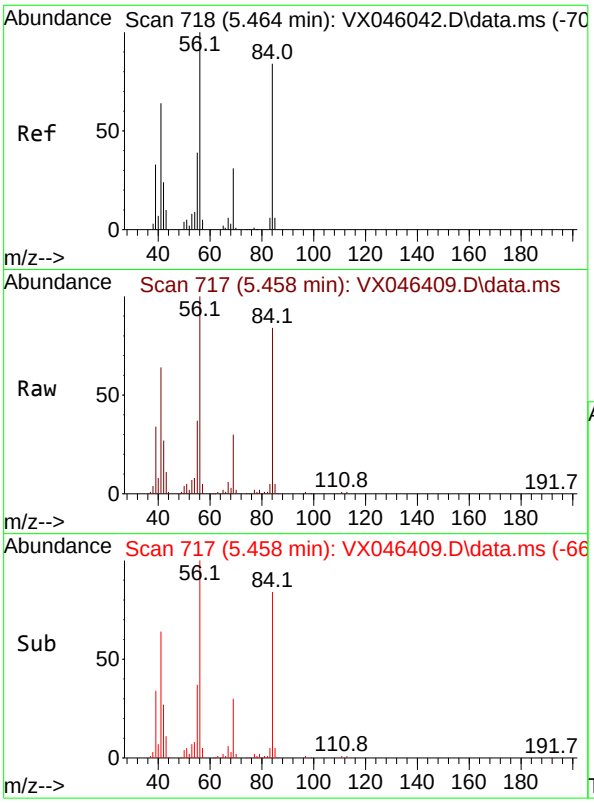


#30
Chloroform
Concen: 54.560 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 83 Resp: 126809

Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.3	73.9

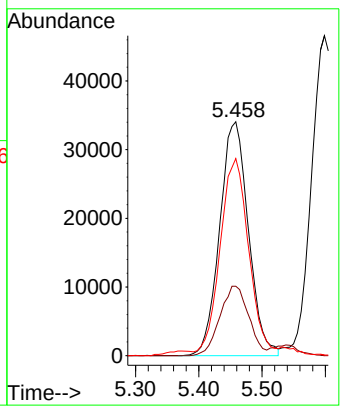




#31
Cyclohexane
Concen: 52.962 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 56 Resp: 10761

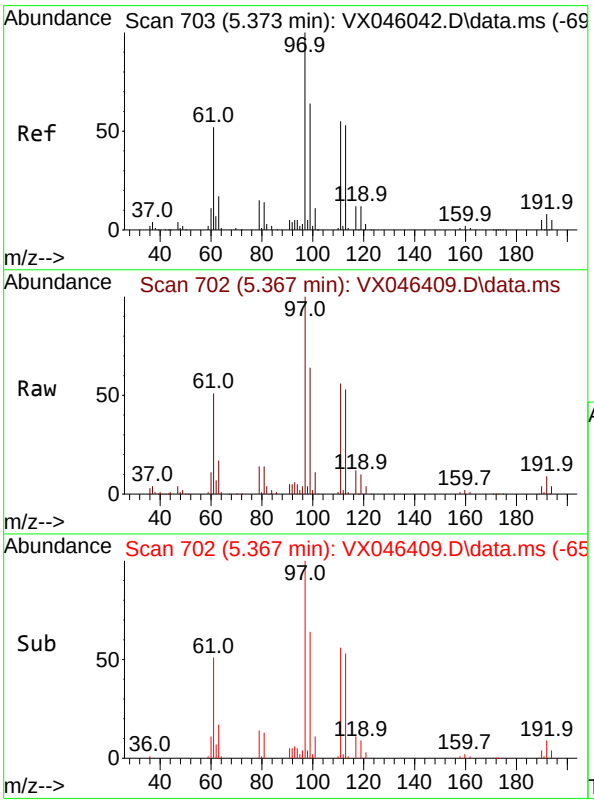
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.4	36.6
84	82.3	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

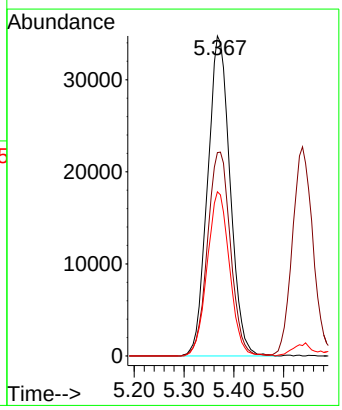
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

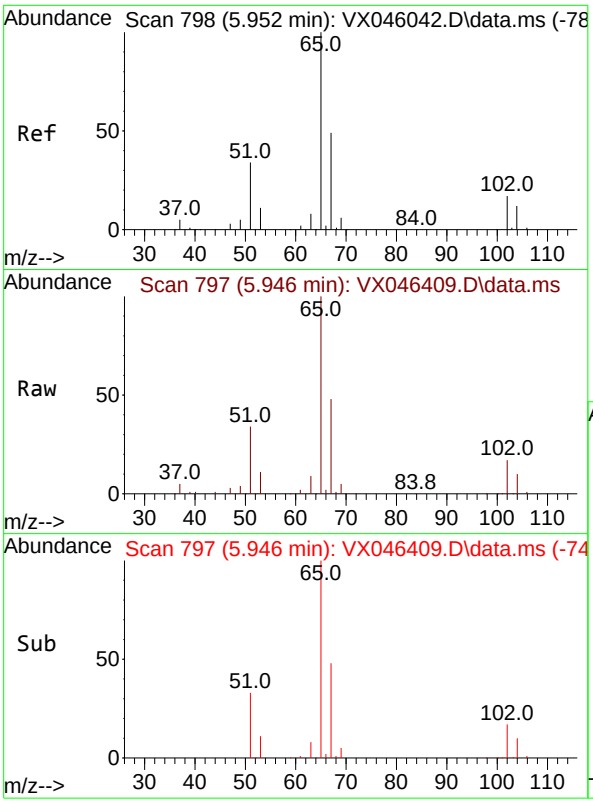


#32
1,1,1-Trichloroethane
Concen: 54.032 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 97 Resp: 108862

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	51.1	40.1	60.1

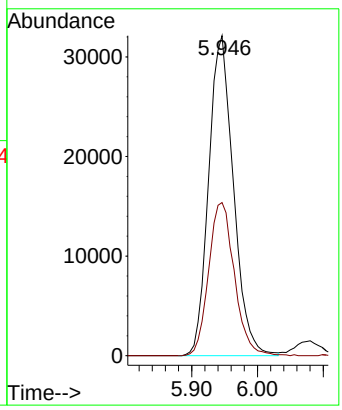




#33
1,2-Dichloroethane-d4
Concen: 49.342 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 65 Resp: 8413

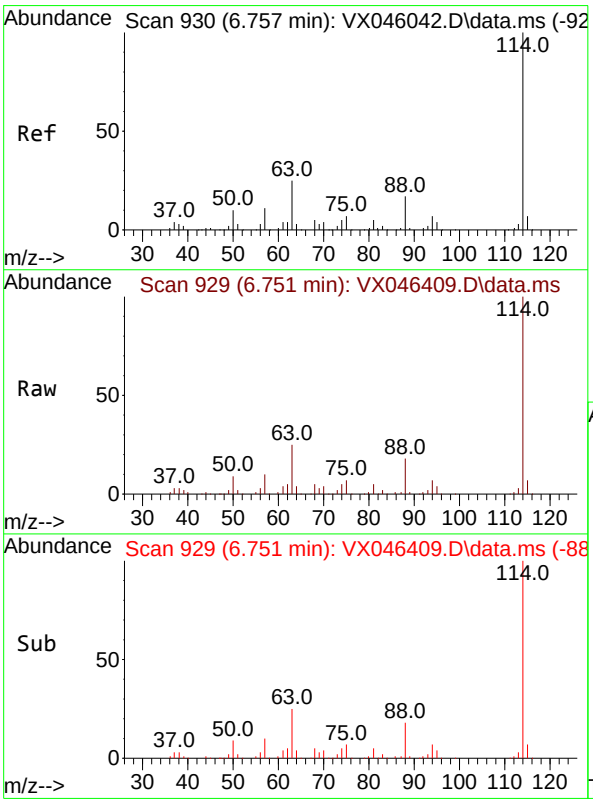
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

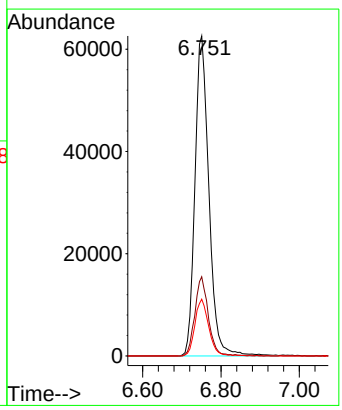
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

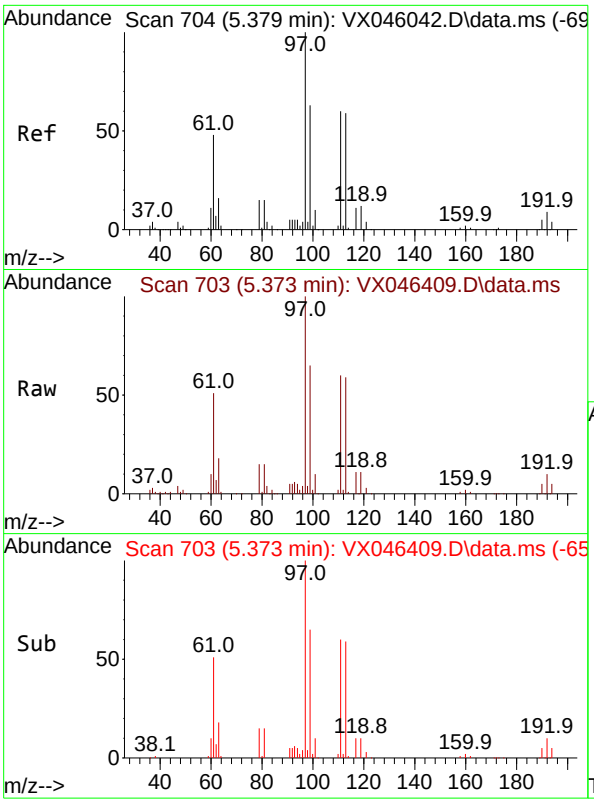


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:114 Resp: 155659

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.7	0.0	33.6

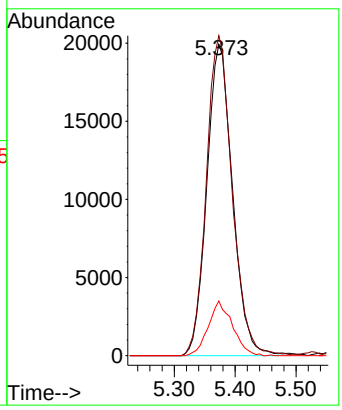




#35
Dibromofluoromethane
Concen: 52.055 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:113 Resp: 5834

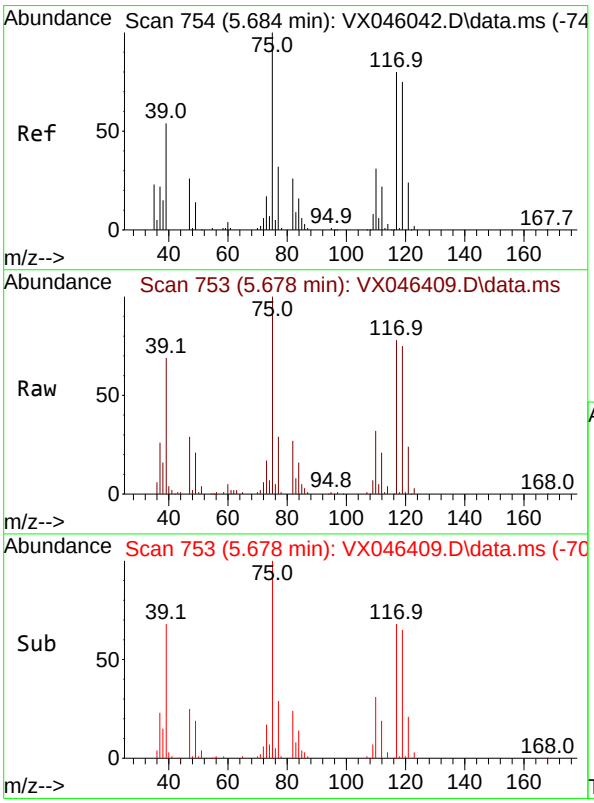
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.6	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

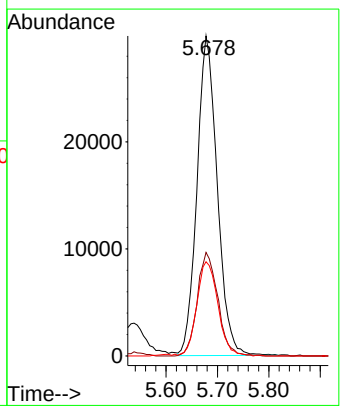
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

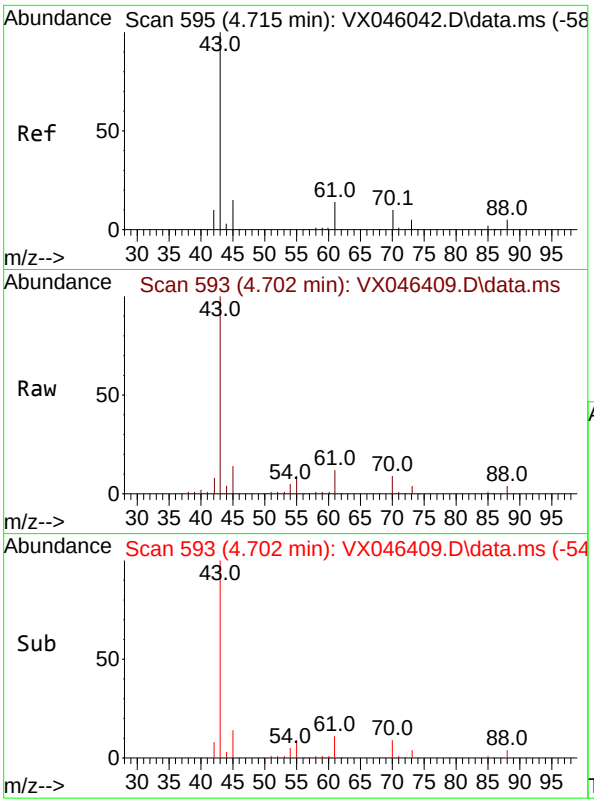


#36
1,1-Dichloropropene
Concen: 54.361 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 81871

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	30.8	24.3	36.5

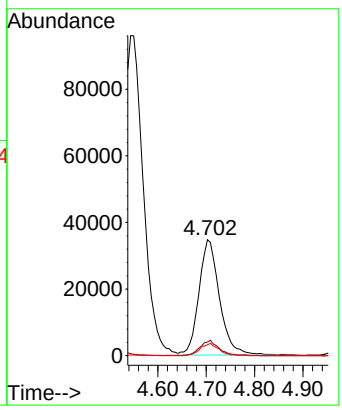




#37
Ethyl Acetate
Concen: 54.982 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 10230

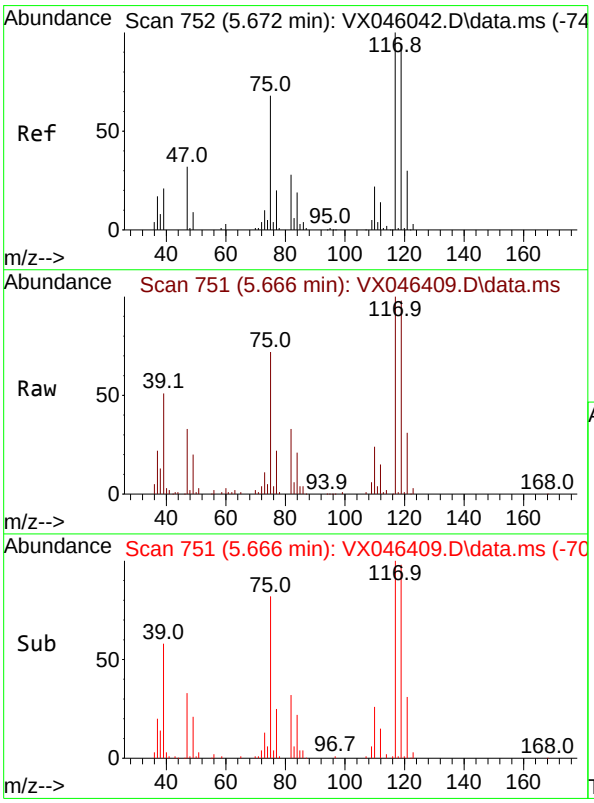
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.7	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

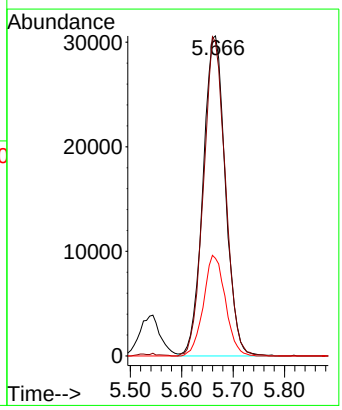
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

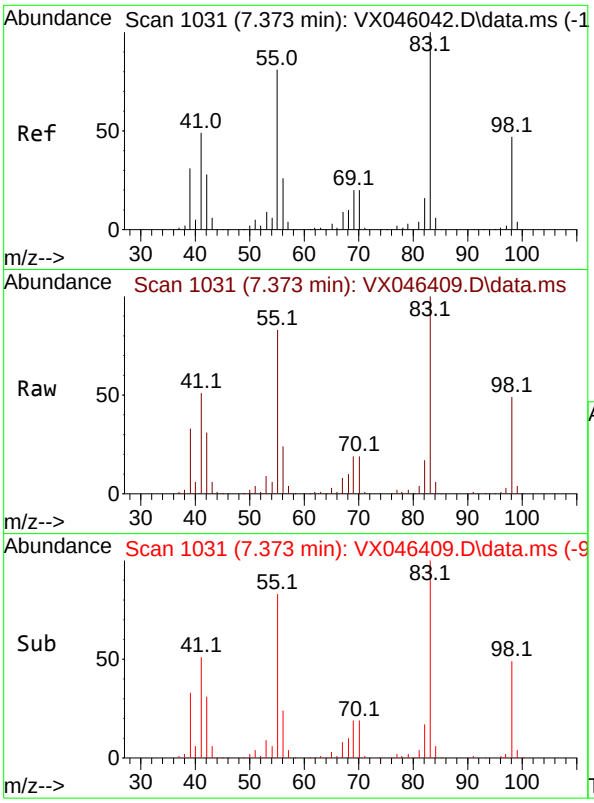


#38
Carbon Tetrachloride
Concen: 54.528 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:117 Resp: 92271

Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.2	112.8
121	30.5	24.2	36.4

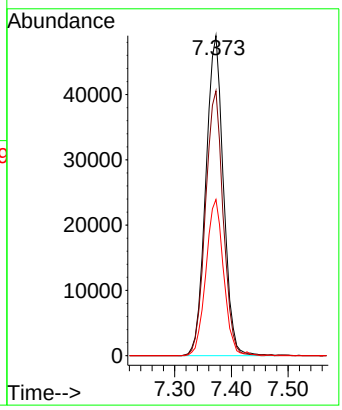




#39
Methylcyclohexane
Concen: 54.488 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 83 Resp: 10564

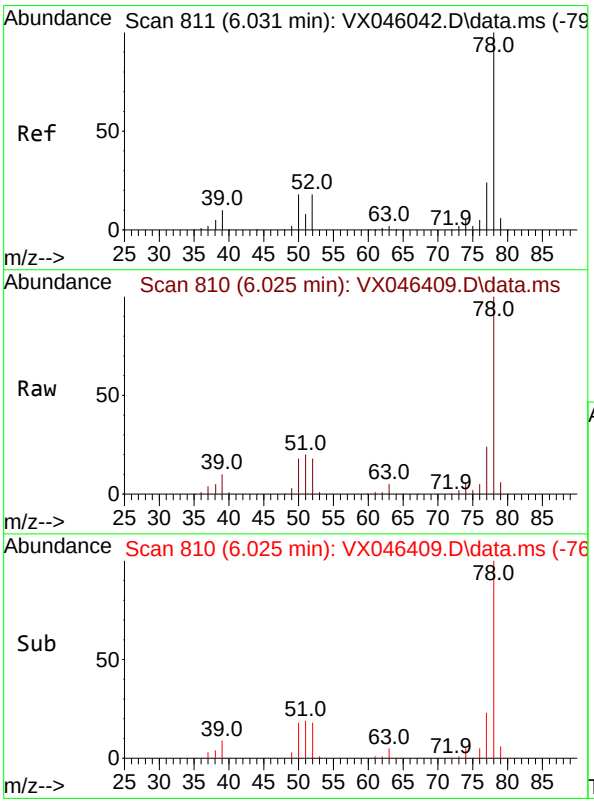
Ion	Ratio	Lower	Upper
83	100		
55	82.8	64.7	97.1
98	48.8	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

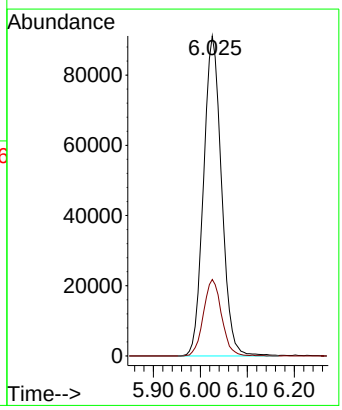
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

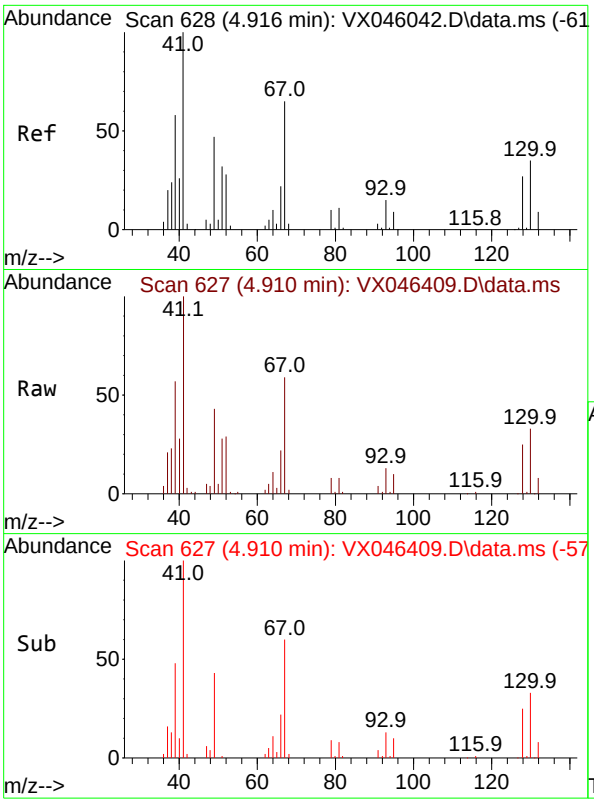


#40
Benzene
Concen: 54.919 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 78 Resp: 242267

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

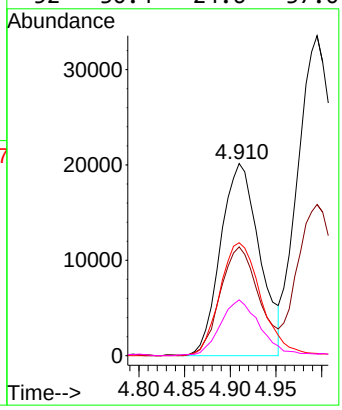




#41
Methacrylonitrile
Concen: 61.507 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 5986

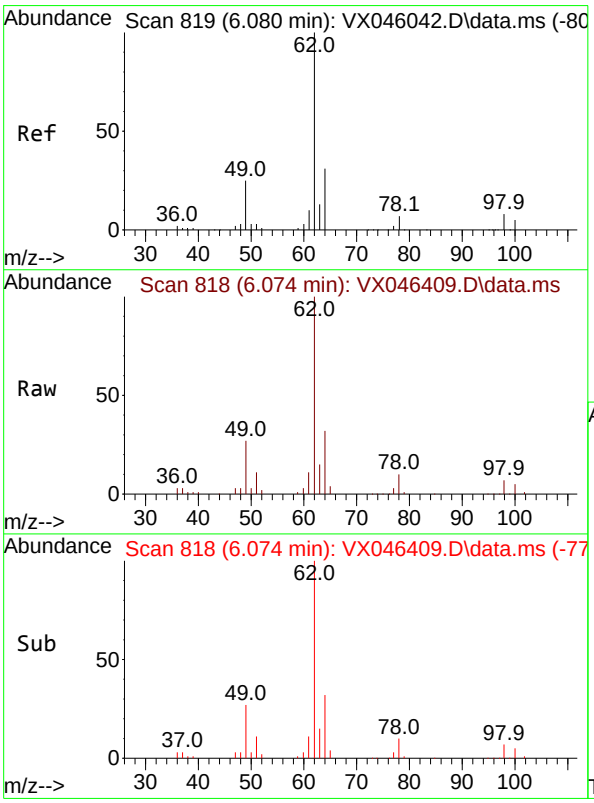
Ion	Ratio	Lower	Upper
41	100		
39	56.4	47.2	70.8
67	62.3	50.7	76.1
52	30.4	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

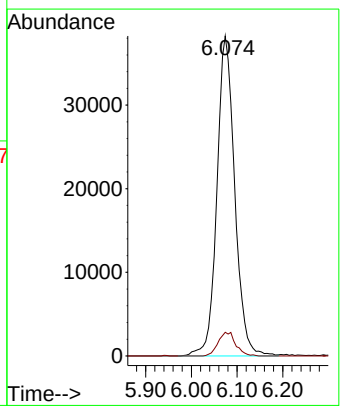
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

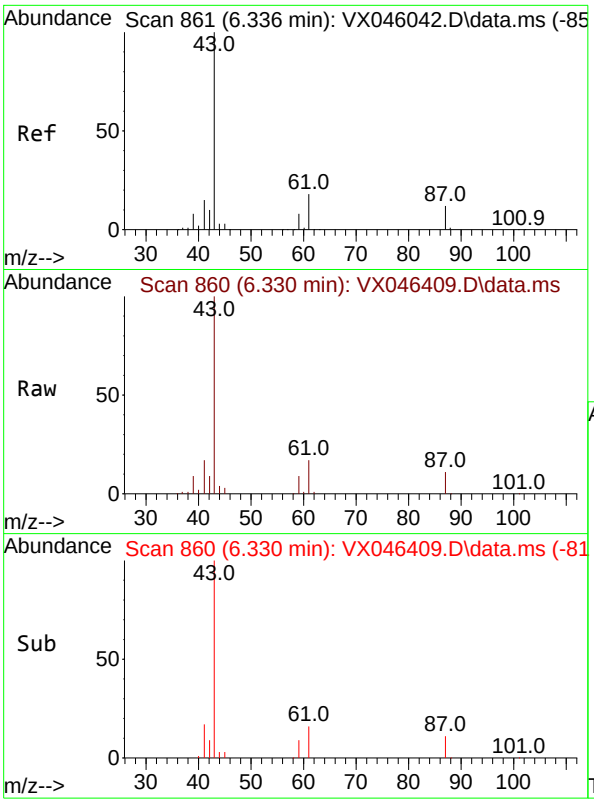


#42
1,2-Dichloroethane
Concen: 54.429 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 62 Resp: 103627

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2





#43
Isopropyl Acetate
Concen: 56.197 ug/l
RT: 6.330 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

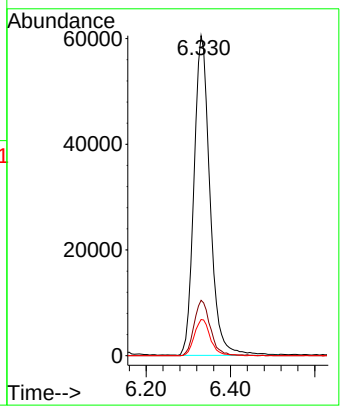
Tgt Ion: 43 Resp: 15952

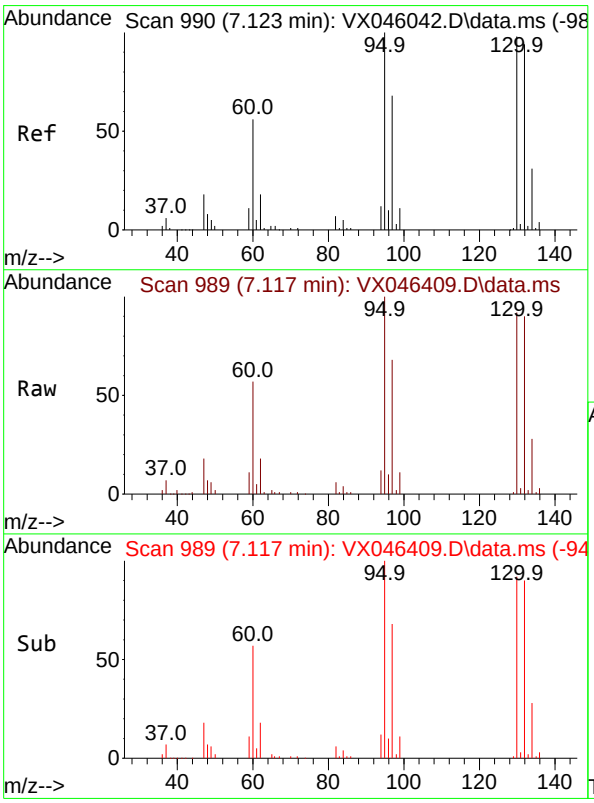
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.3	21.5
87	11.3	9.5	14.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

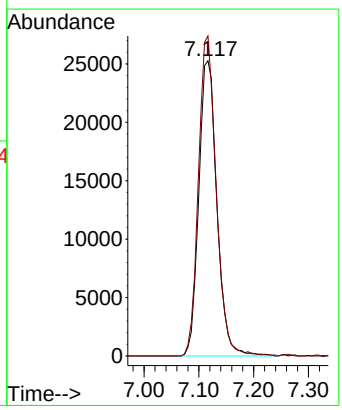


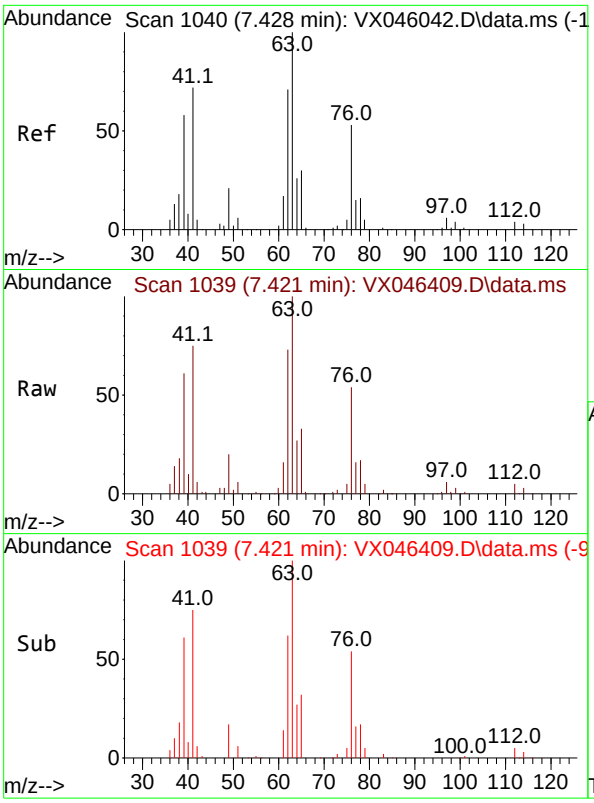


#44
Trichloroethene
Concen: 54.691 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:130 Resp: 58068

Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	204.2

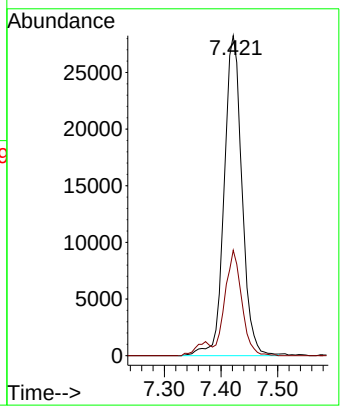




#45
1,2-Dichloropropane
Concen: 56.068 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 6150

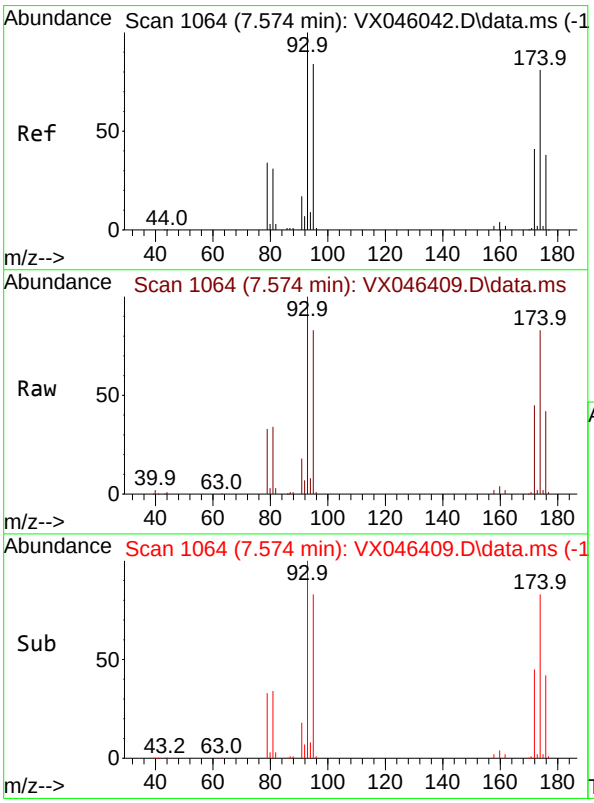
Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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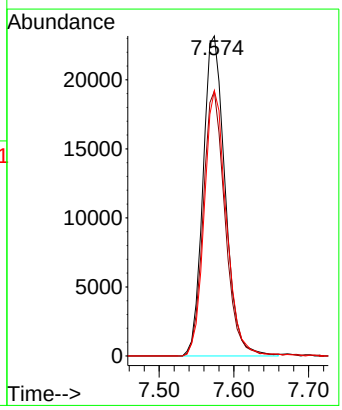
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

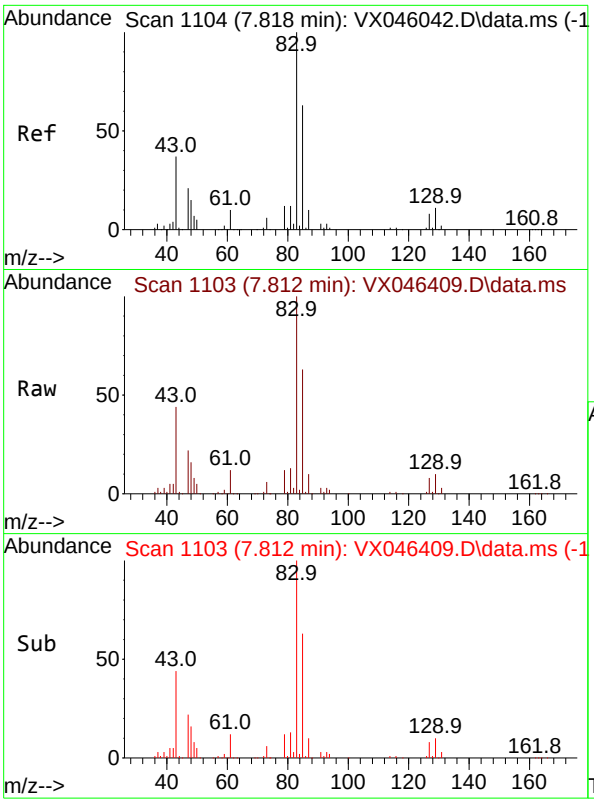


#46
Dibromomethane
Concen: 54.974 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 93 Resp: 47561

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.6	98.4
174	83.1	68.2	102.2

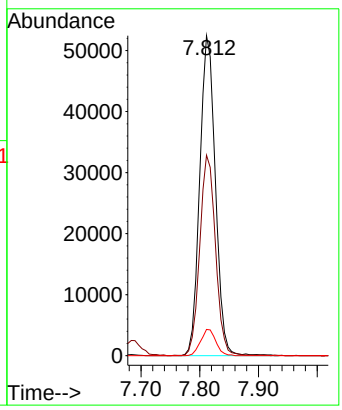




#47
Bromodichloromethane
Concen: 56.841 ug/l
RT: 7.812 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 83 Resp: 9685

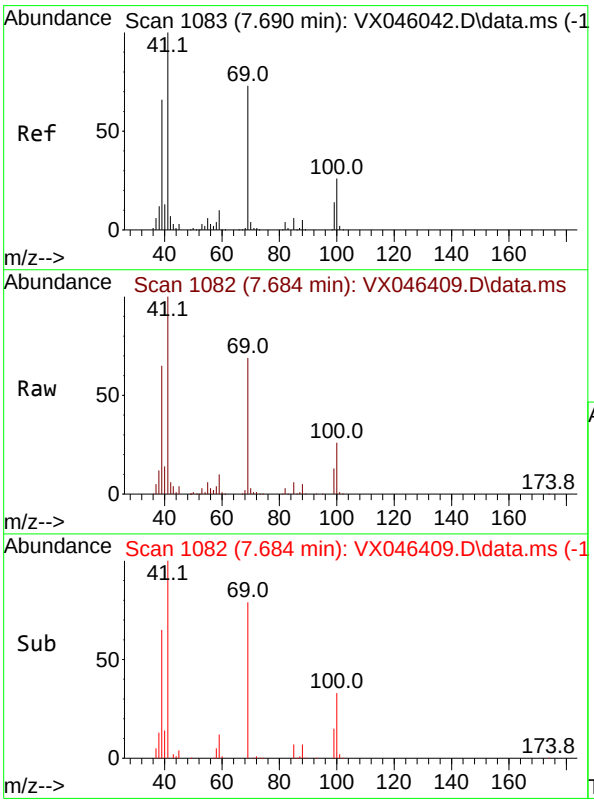
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.5	75.7
127	8.2	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

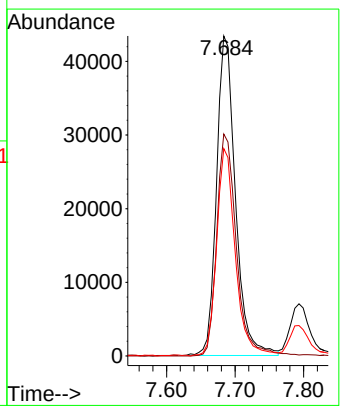
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

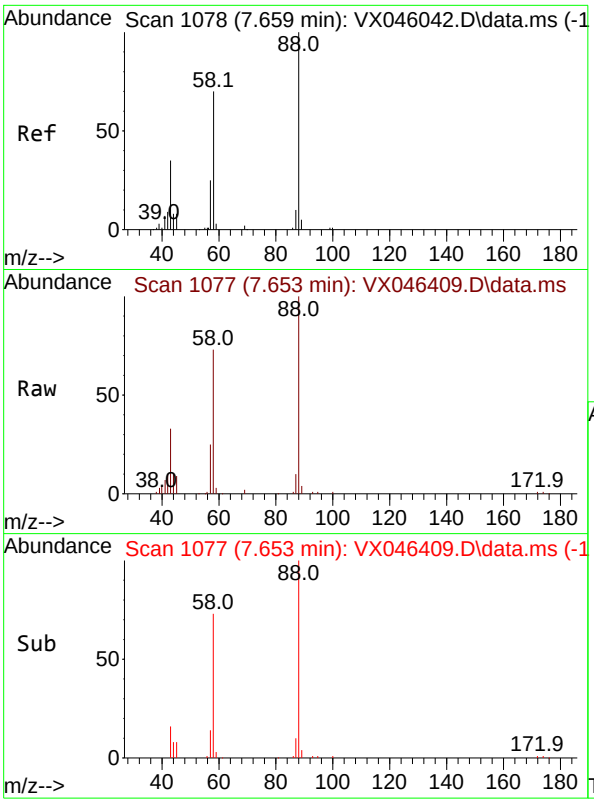


#48
Methyl methacrylate
Concen: 57.410 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 83228

Ion	Ratio	Lower	Upper
41	100		
69	71.8	58.5	87.7
39	64.3	51.7	77.5





#49
1,4-Dioxane
Concen: 1035.118 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

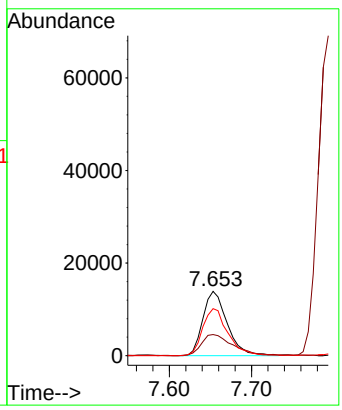
Tgt Ion: 88 Resp: 2849

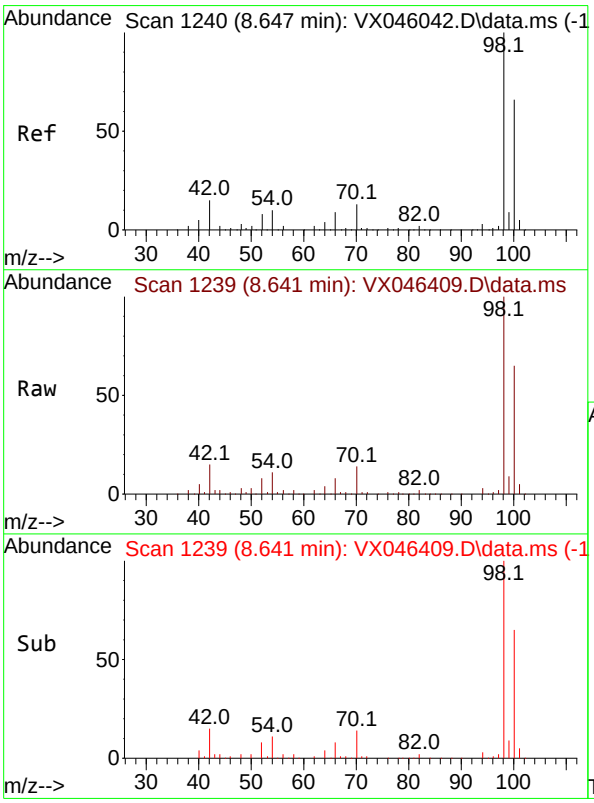
Ion	Ratio	Lower	Upper
88	100		
43	43.2	33.4	50.2
58	75.9	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

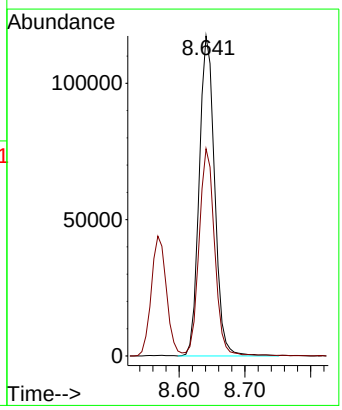


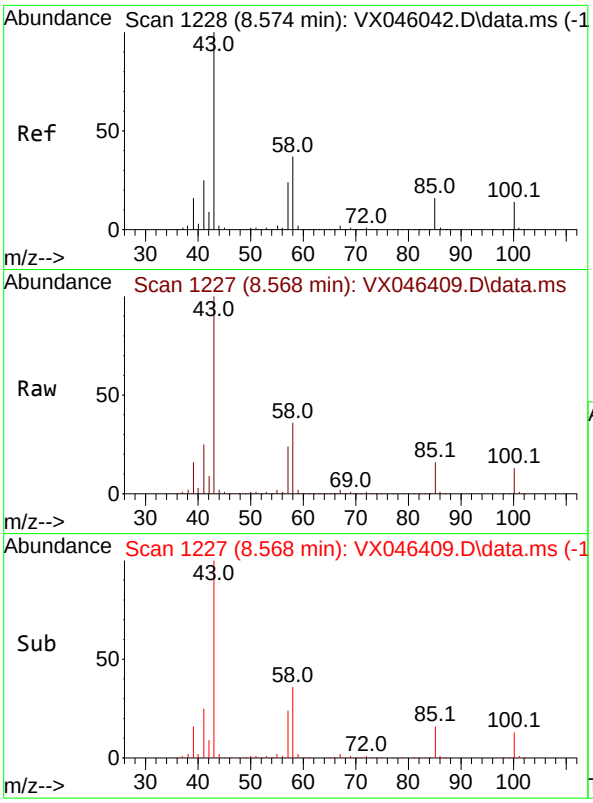


#50
Toluene-d8
Concen: 49.472 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 98 Resp: 191933

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.5	80.3

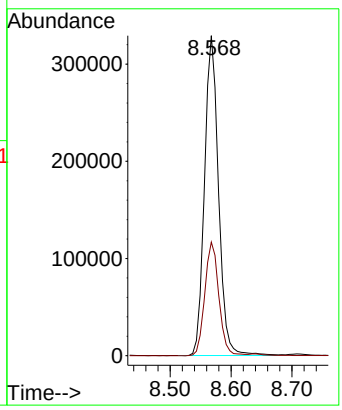




#51
4-Methyl-2-Pentanone
Concen: 280.055 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 52769

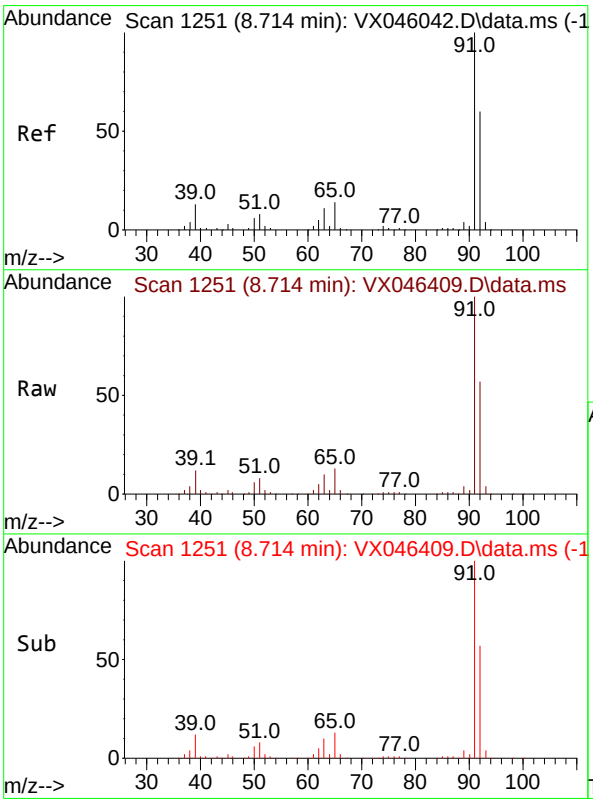
Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

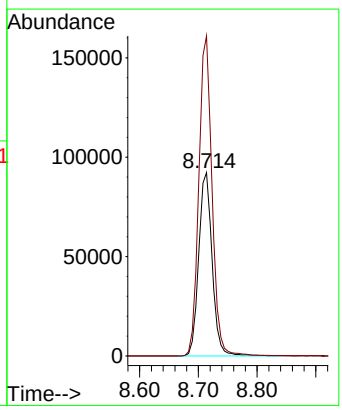
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

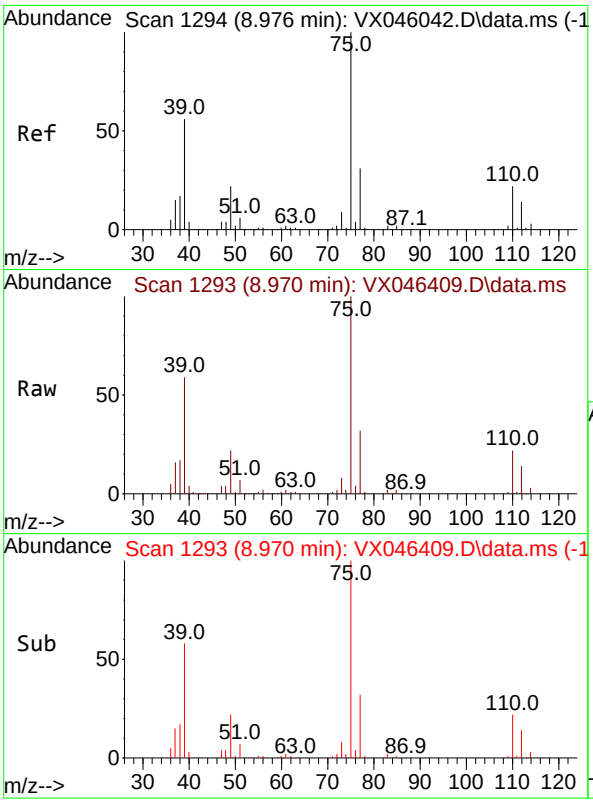


#52
Toluene
Concen: 54.121 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 92 Resp: 146396

Ion	Ratio	Lower	Upper
92	100		
91	172.6	136.6	205.0

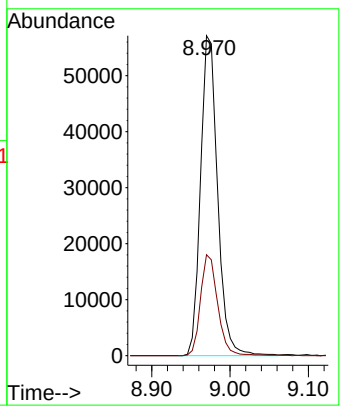




#53
t-1,3-Dichloropropene
Concen: 57.024 ug/l
RT: 8.970 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 8636

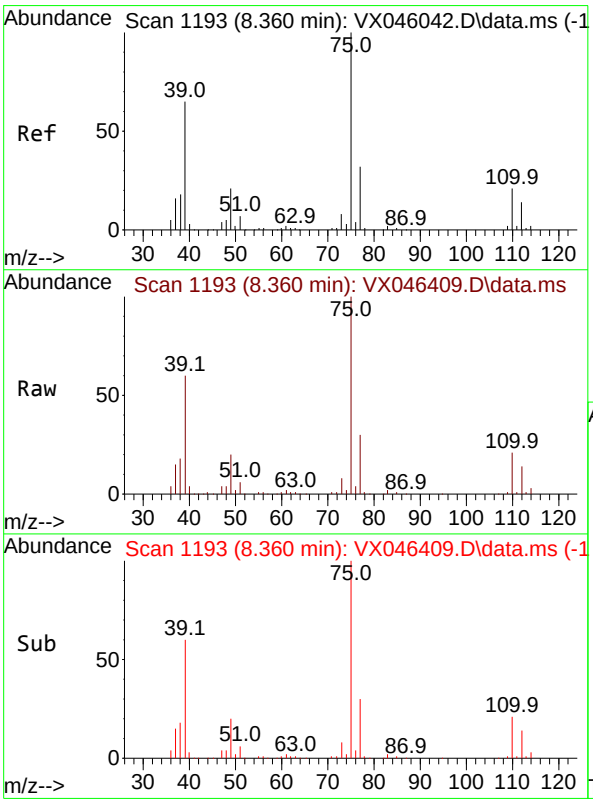
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

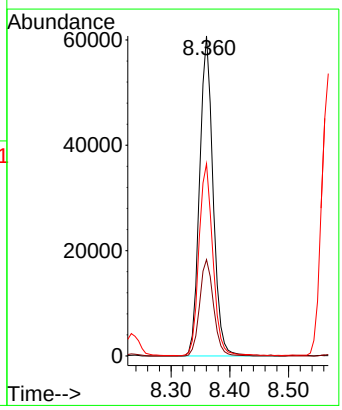
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

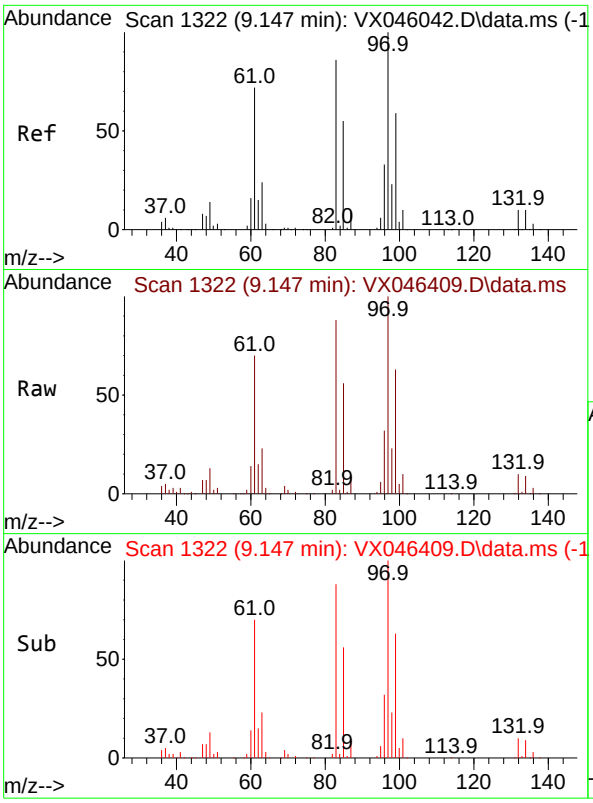


#54
cis-1,3-Dichloropropene
Concen: 57.712 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 96608

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0
39	59.9	52.2	78.4

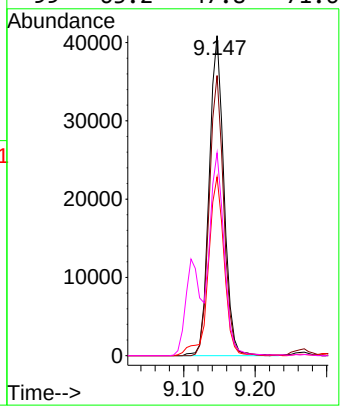




#55
1,1,2-Trichloroethane
Concen: 54.934 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 97 Resp: 5859

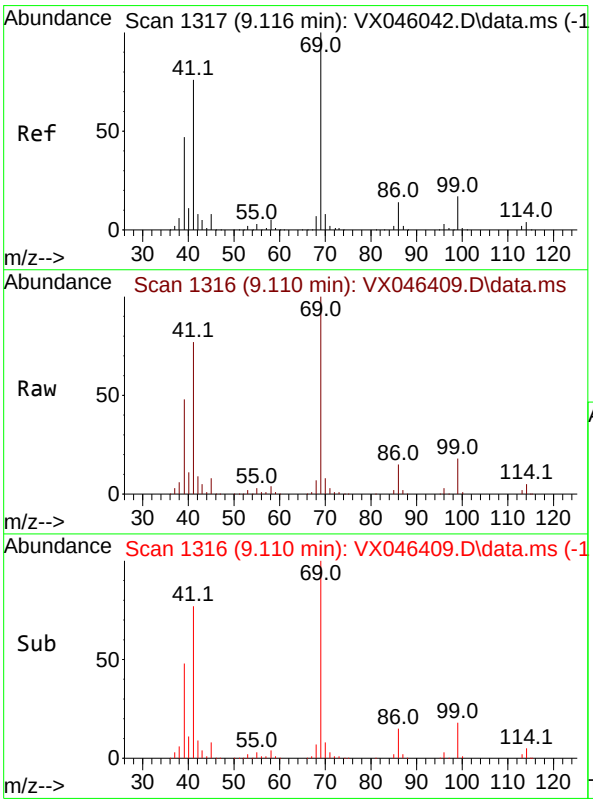
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.7	44.3	66.5
99	63.2	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

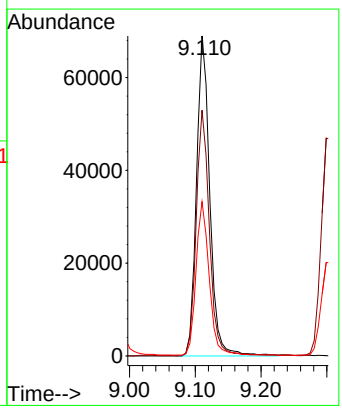
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

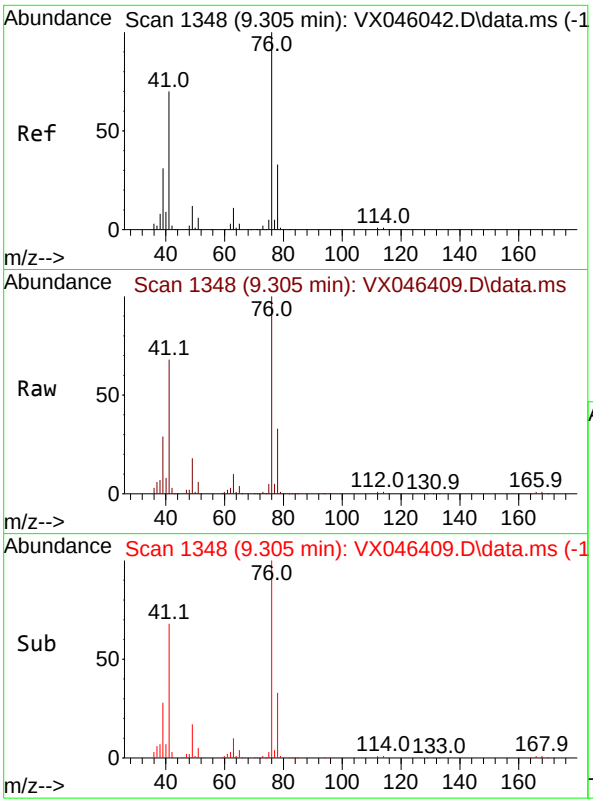


#56
Ethyl methacrylate
Concen: 57.126 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 69 Resp: 97109

Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.8	91.2
39	48.3	39.0	58.6





#57
1,3-Dichloropropane
Concen: 53.435 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

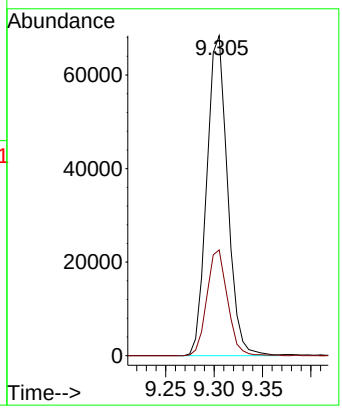
Tgt Ion: 76 Resp: 10235

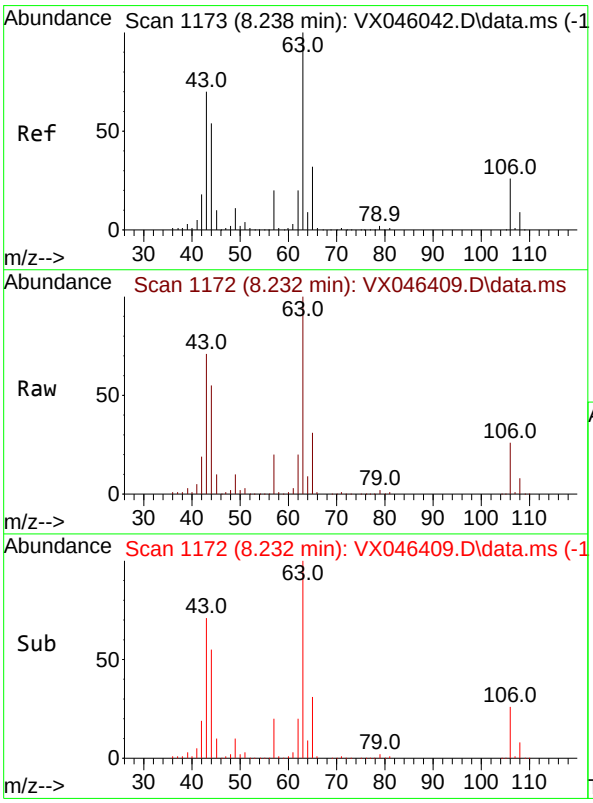
Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

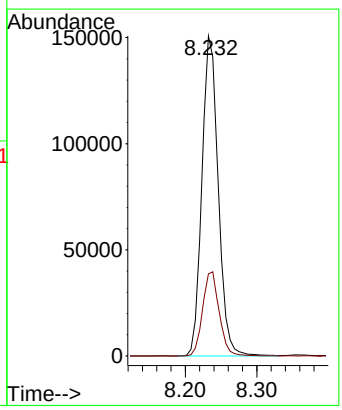


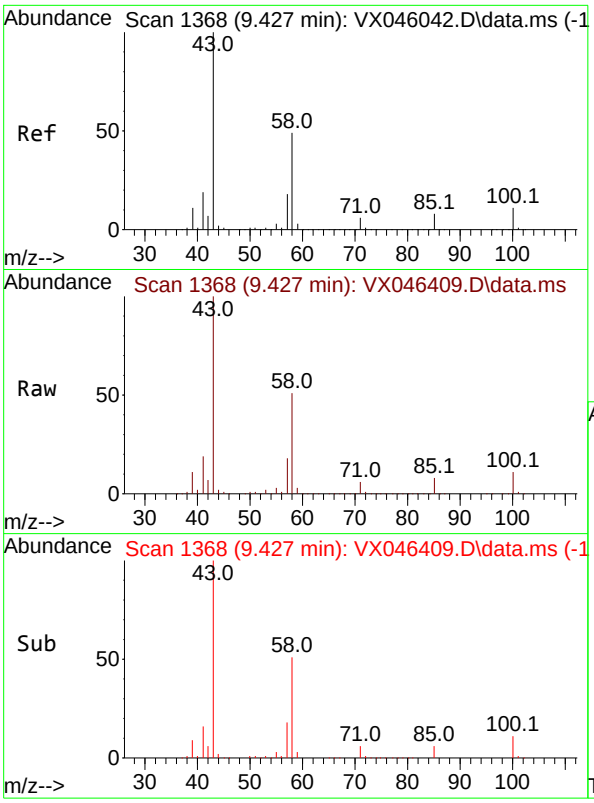


#58
2-Chloroethyl Vinyl ether
Concen: 275.903 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 239108

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3





#59
2-Hexanone
Concen: 280.812 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

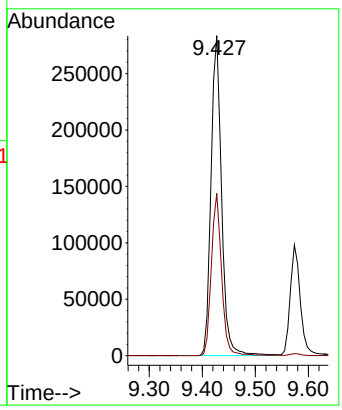
Tgt Ion: 43 Resp: 39146

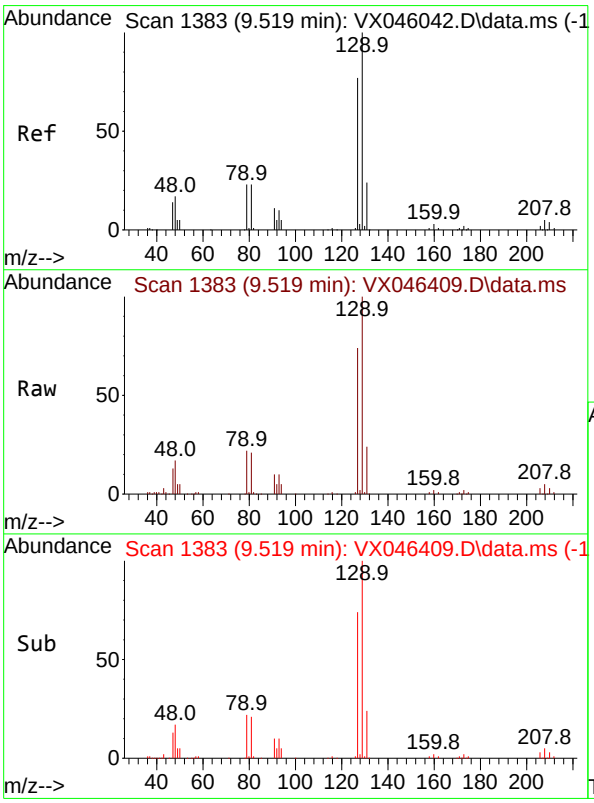
Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

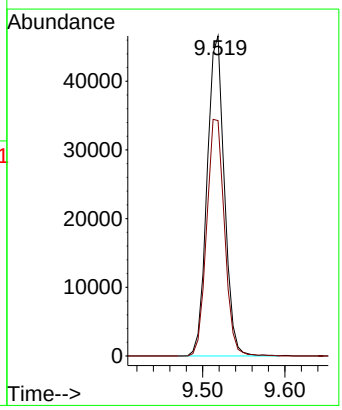


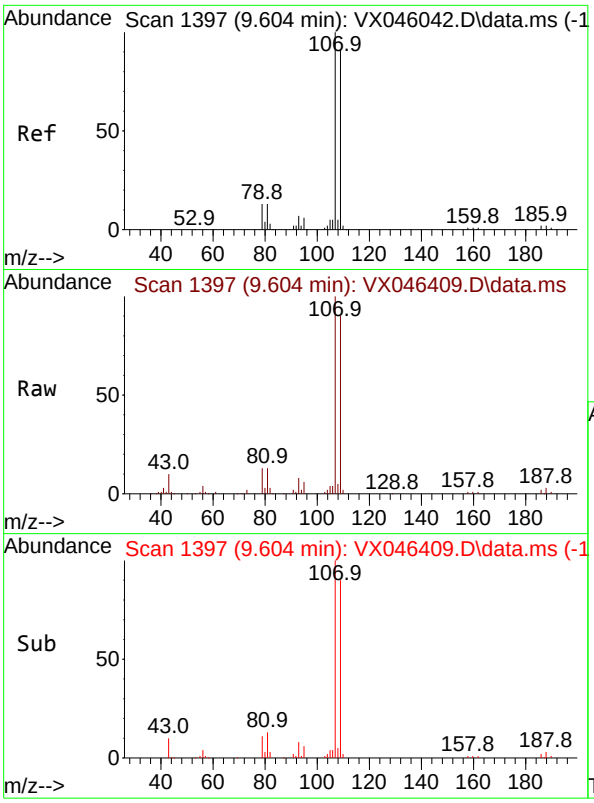


#60
Dibromochloromethane
Concen: 57.902 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:129 Resp: 67824

Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.3	117.8

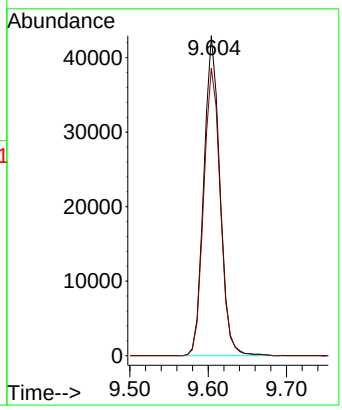




#61
1,2-Dibromoethane
Concen: 55.163 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:107 Resp: 6115

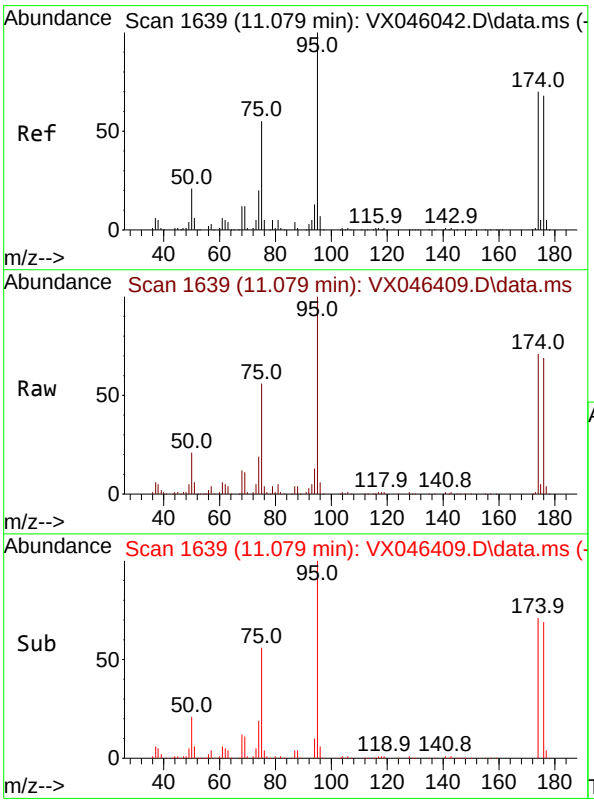
Ion	Ratio	Lower	Upper
107	100		
109	92.8	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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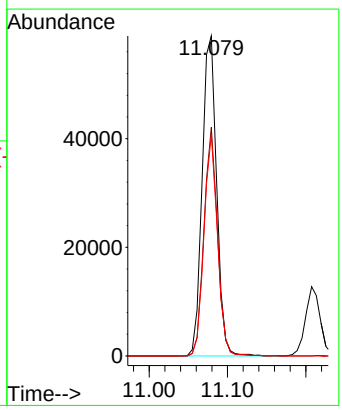
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

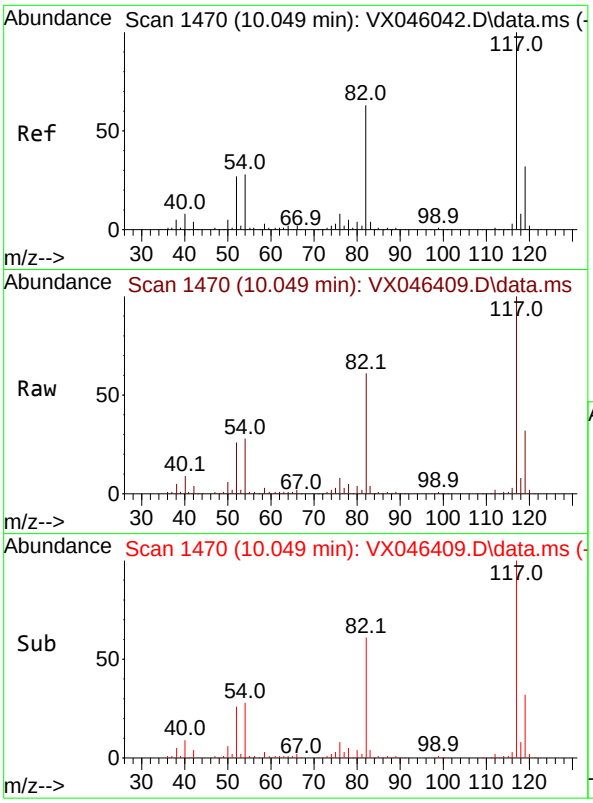


#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 95 Resp: 75501

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	64.6	0.0	131.4

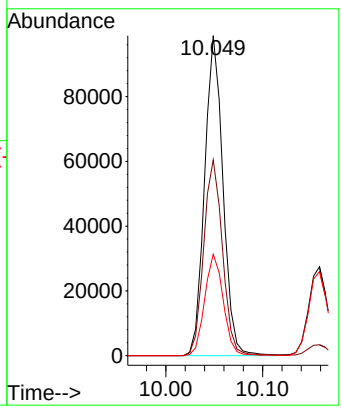




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:117 Resp: 13084

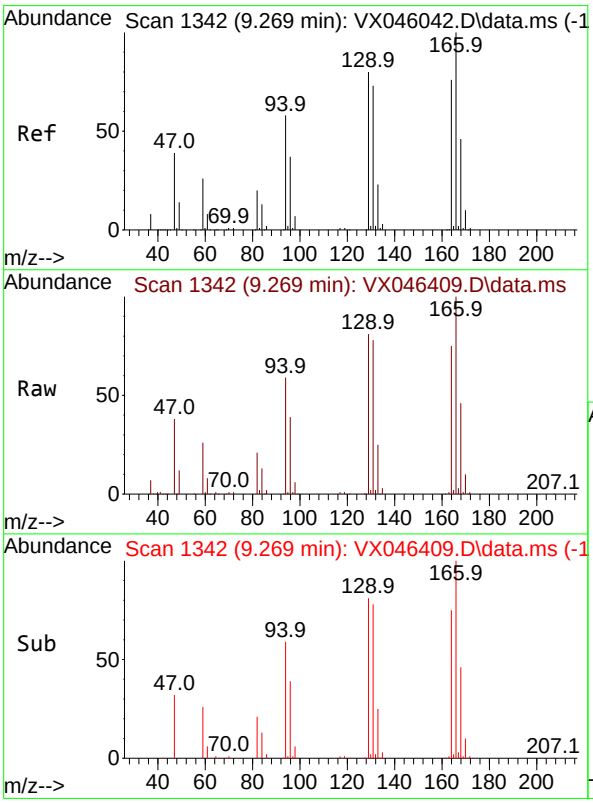
Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	31.7	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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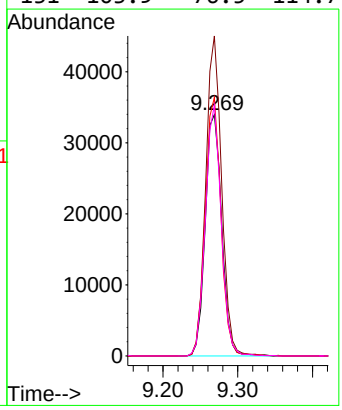
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

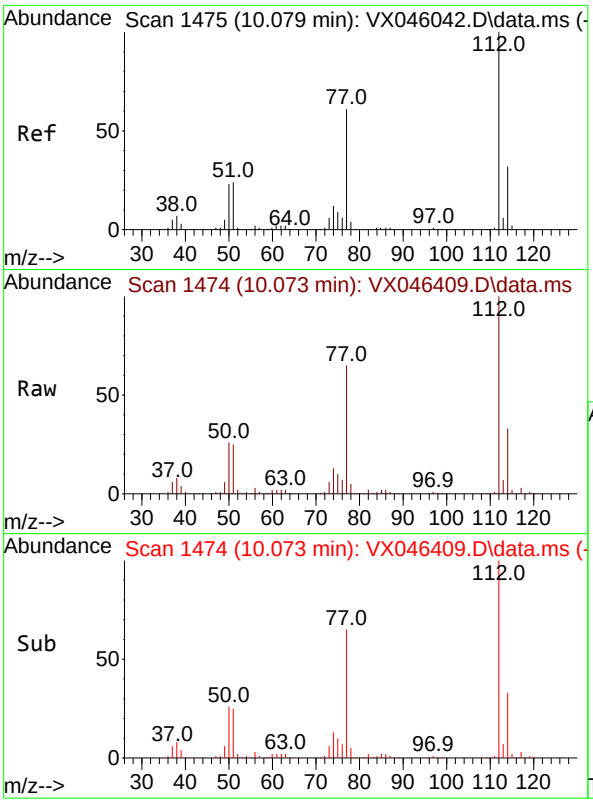


#64
Tetrachloroethene
Concen: 56.142 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:164 Resp: 51973

Ion	Ratio	Lower	Upper
164	100		
166	132.6	105.0	157.6
129	107.2	83.5	125.3
131	103.9	76.5	114.7





#65
Chlorobenzene
Concen: 54.044 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

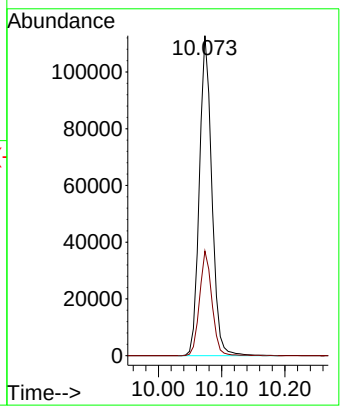
Tgt Ion:112 Resp: 15477

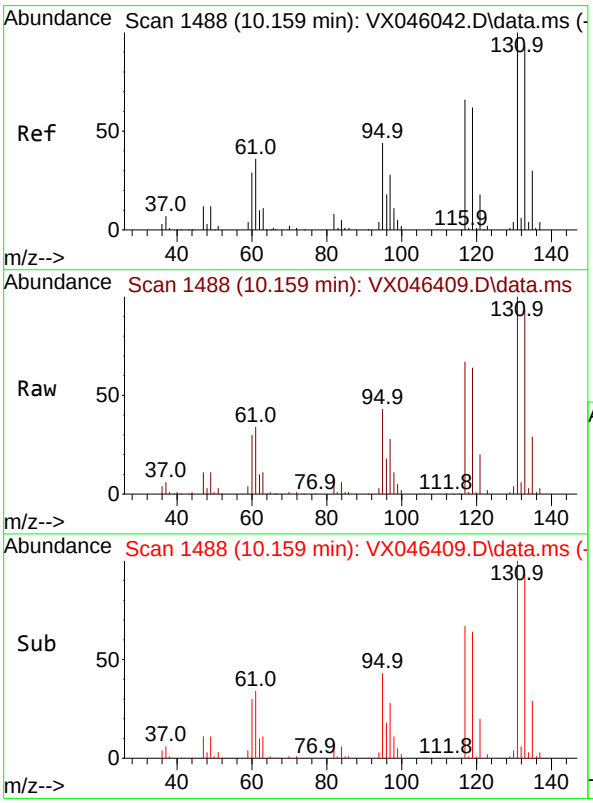
Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

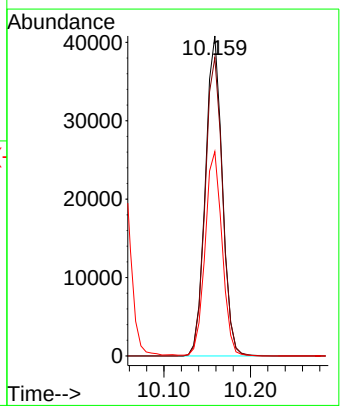


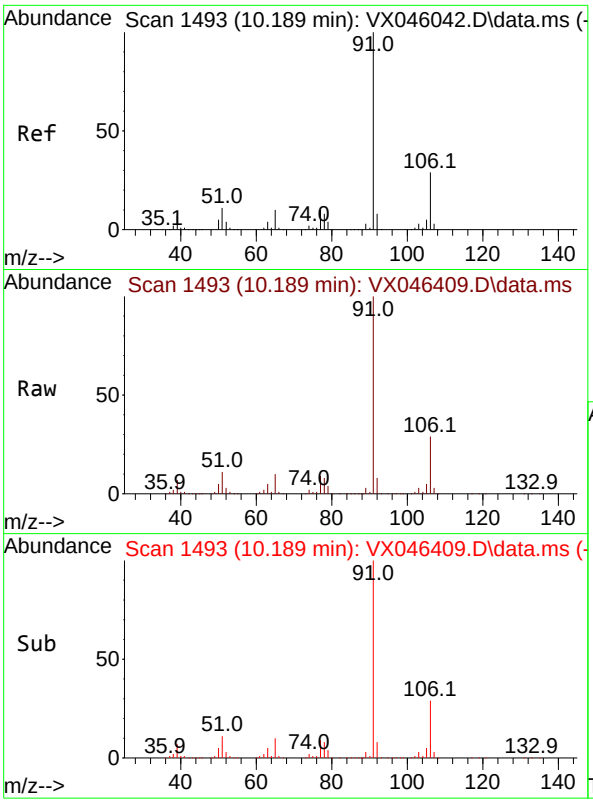


#66
1,1,1,2-Tetrachloroethane
Concen: 56.685 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:131 Resp: 55431

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	141.9
119	64.1	31.6	95.0

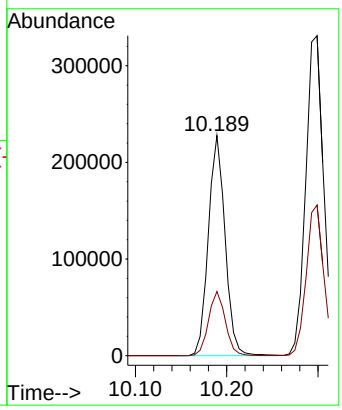




#67
Ethyl Benzene
Concen: 57.284 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 28917

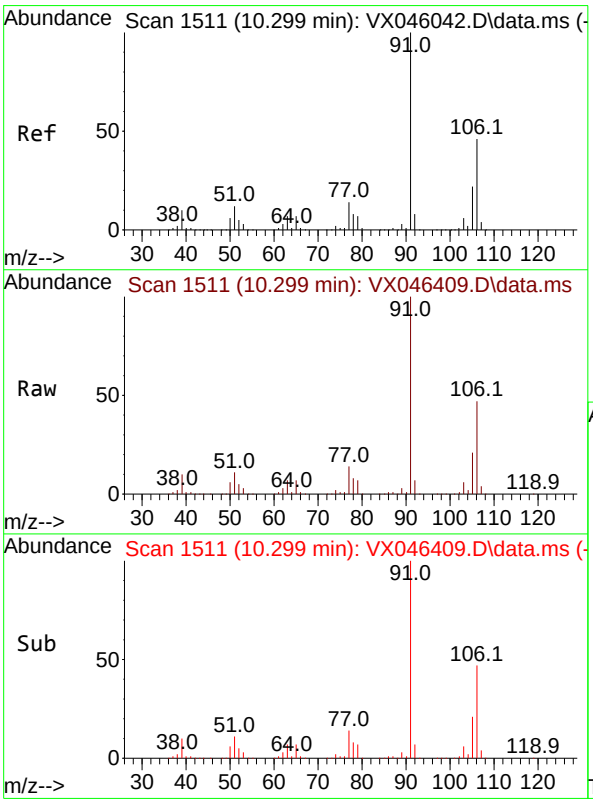
Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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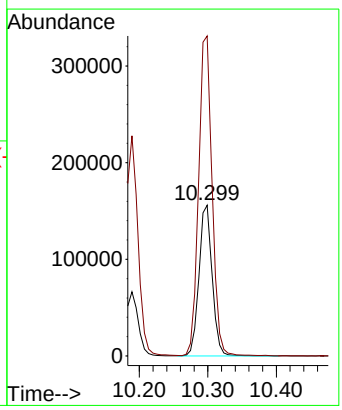
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

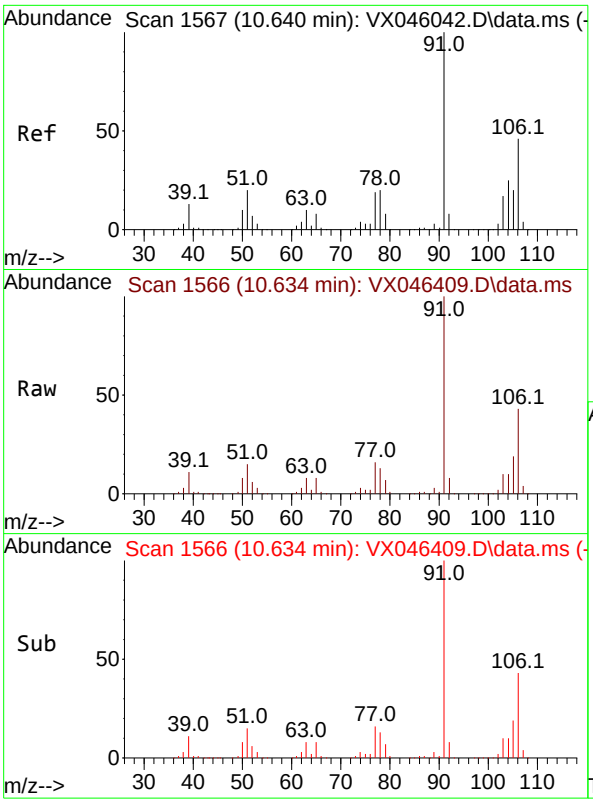


#68
m/p-Xylenes
Concen: 113.281 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:106 Resp: 209150

Ion	Ratio	Lower	Upper
106	100		
91	217.8	171.2	256.8

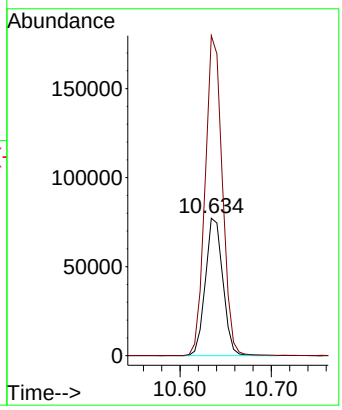




#69
o-Xylene
Concen: 56.842 ug/l
RT: 10.634 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:106 Resp: 10231

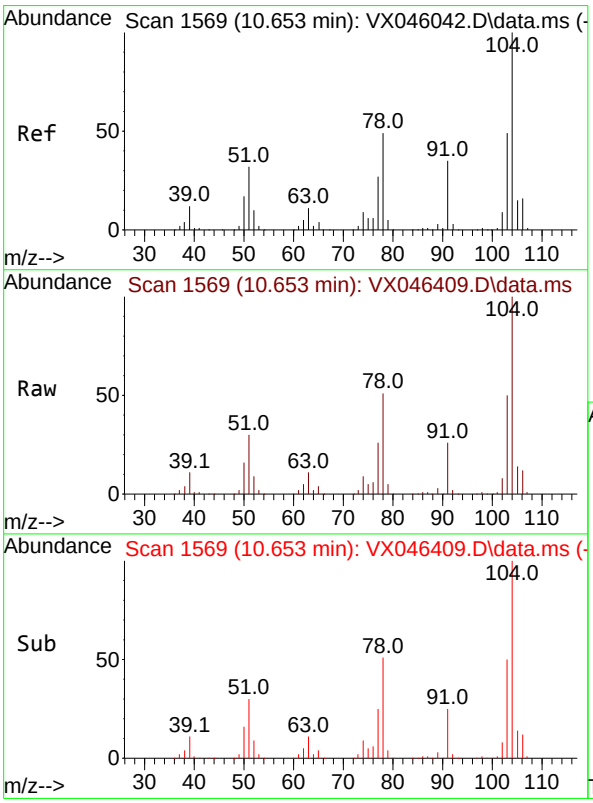
Ion	Ratio	Lower	Upper
106	100		
91	229.3	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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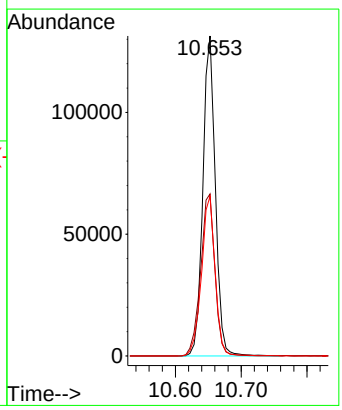
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

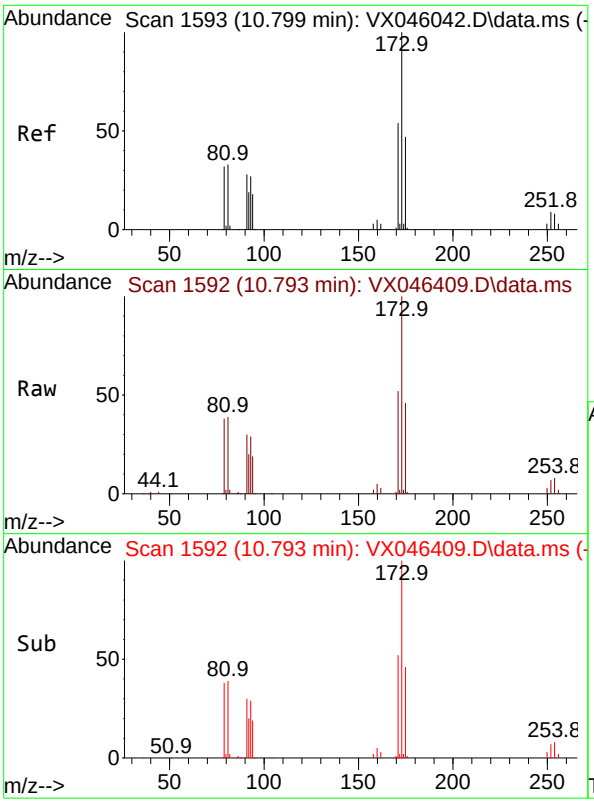


#70
Styrene
Concen: 58.788 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:104 Resp: 173337

Ion	Ratio	Lower	Upper
104	100		
78	58.1	45.7	68.5
103	54.6	43.7	65.5

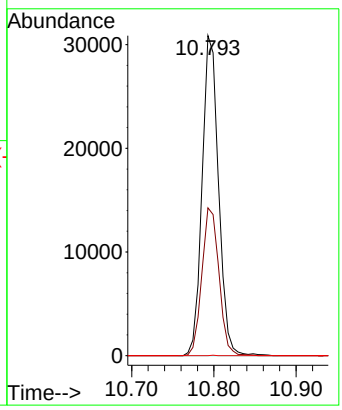




#71
Bromoform
Concen: 58.367 ug/l
RT: 10.793 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

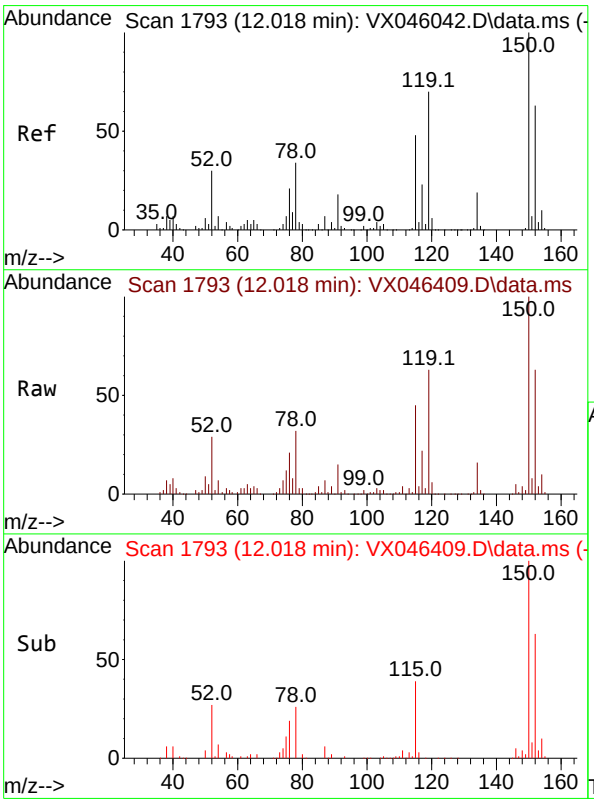
Tgt Ion:173 Resp: 4285

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.4	70.0
254	0.0	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

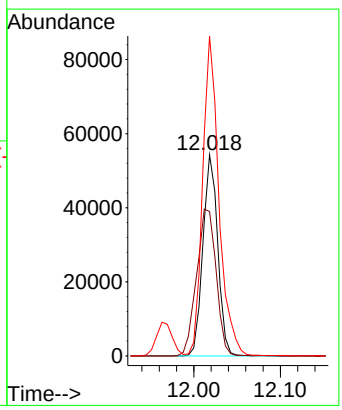
Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

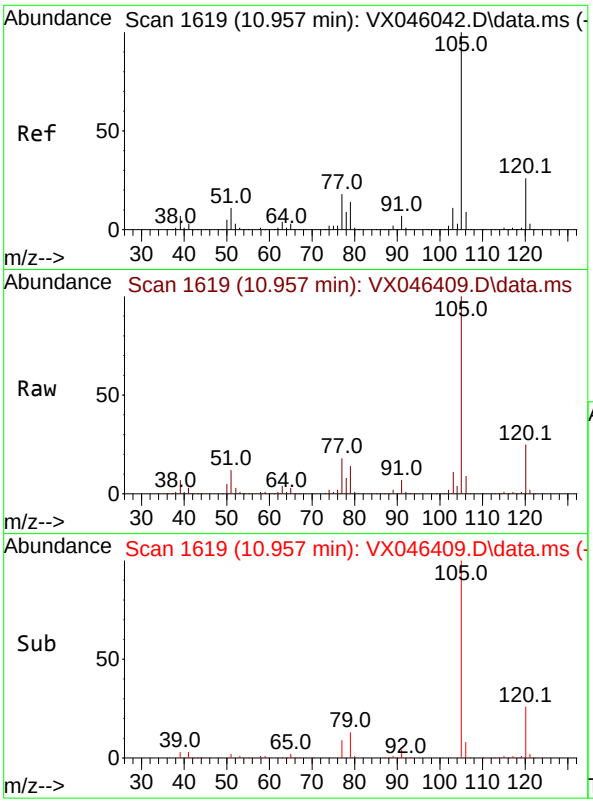


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:152 Resp: 64536

Ion	Ratio	Lower	Upper
152	100		
115	96.2	46.9	140.7
150	174.1	0.0	351.0





#73
Isopropylbenzene
Concen: 54.621 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

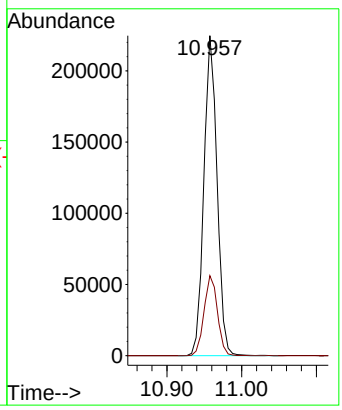
Tgt Ion:105 Resp: 27443

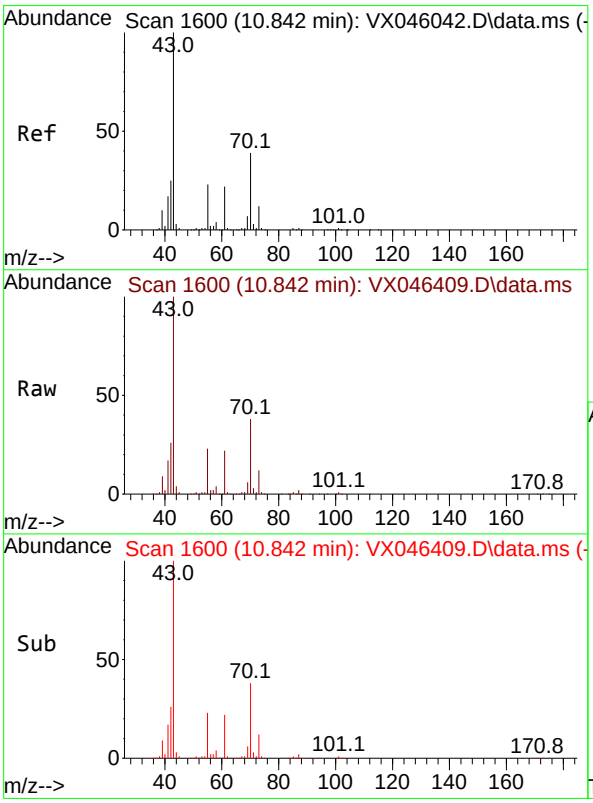
Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

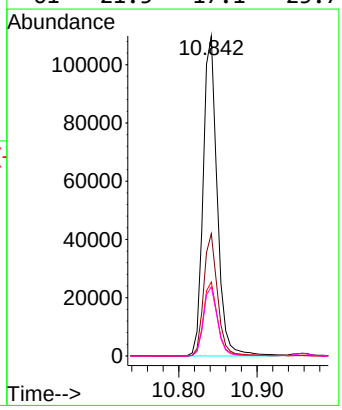


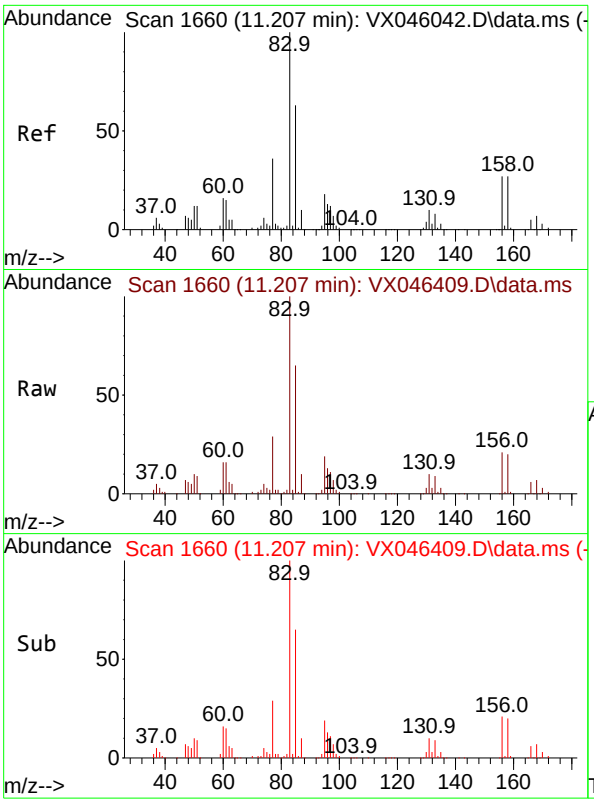


#74
N-amyl acetate
Concen: 55.143 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 136906

Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.9	46.3
55	23.4	18.7	28.1
61	21.5	17.1	25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.151 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

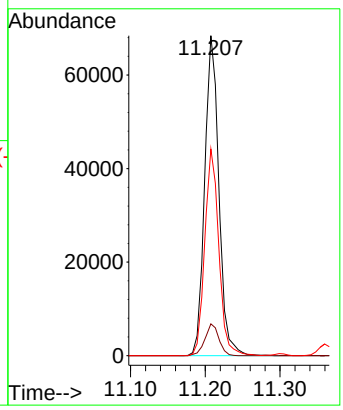
Tgt Ion: 83 Resp: 9006

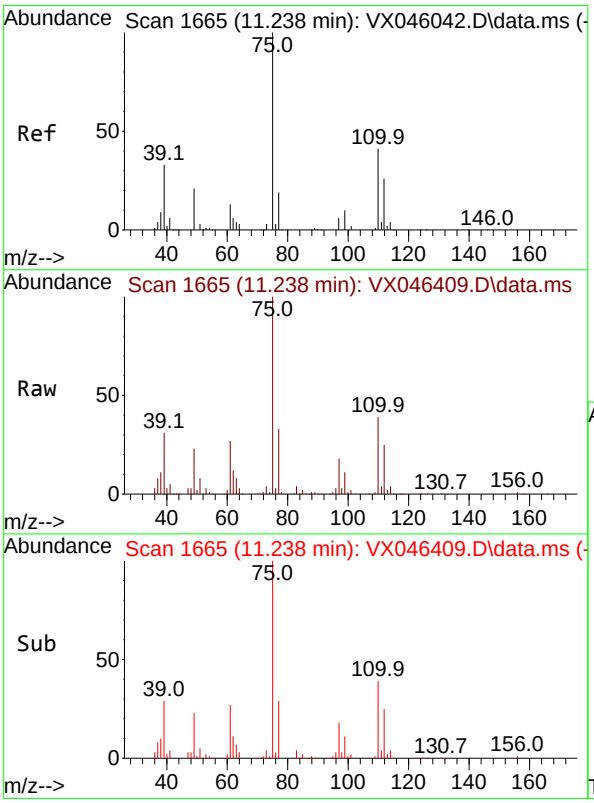
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.1	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

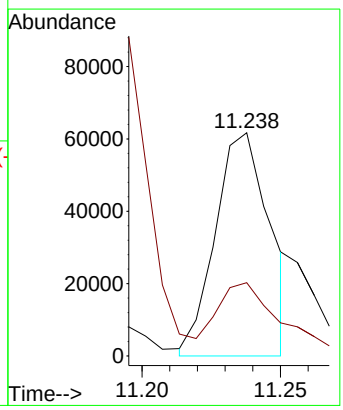


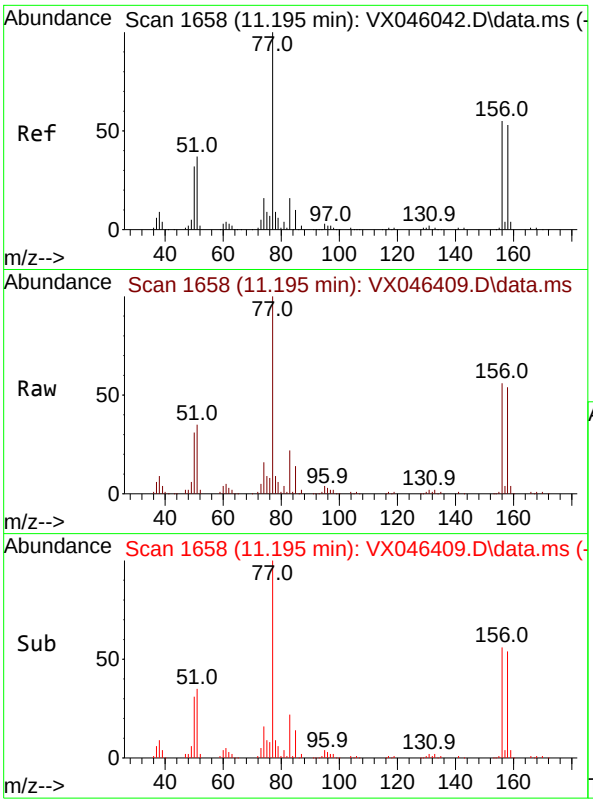


#76
1,2,3-Trichloropropane
Concen: 54.163 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 84137

Ion	Ratio	Lower	Upper
75	100		
77	38.8	20.5	61.5

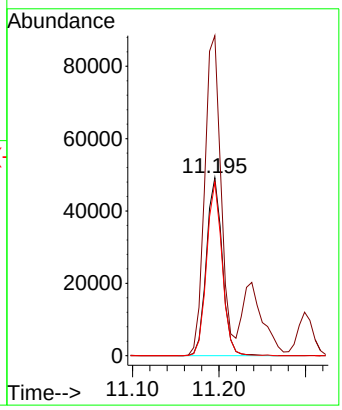




#77
Bromobenzene
Concen: 53.525 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:156 Resp: 6243

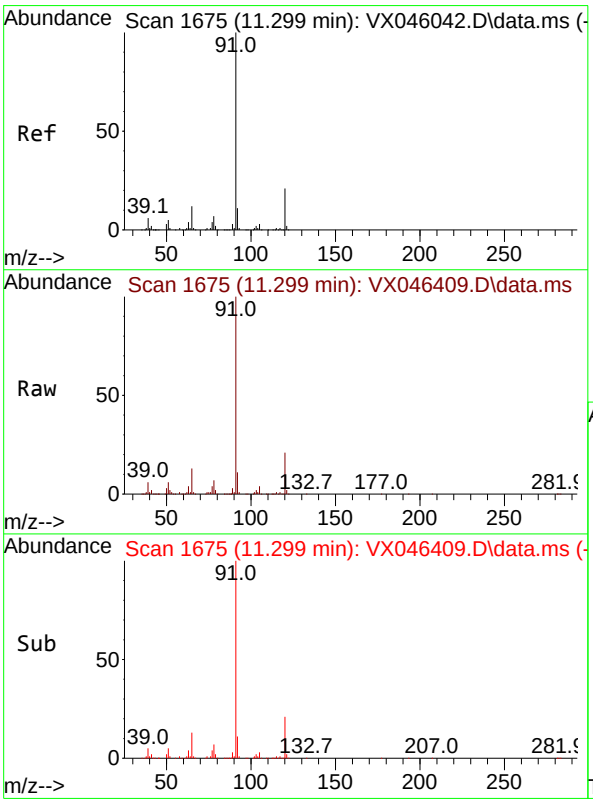
Ion	Ratio	Lower	Upper
156	100		
77	186.0	92.8	278.3
158	95.4	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

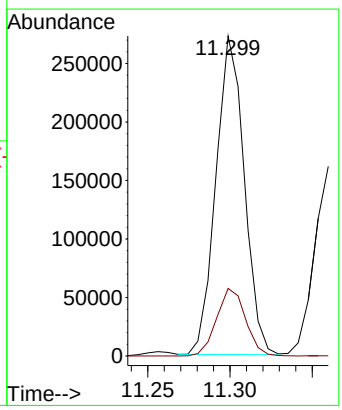
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

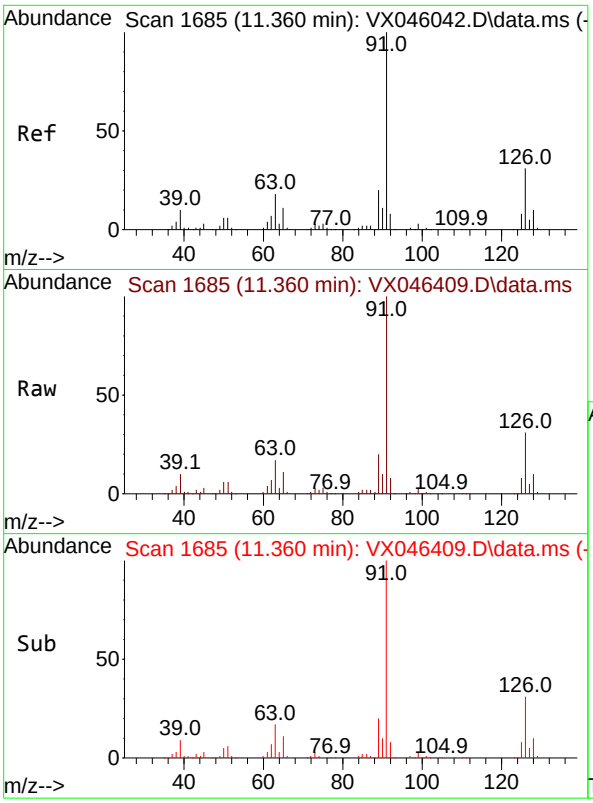


#78
n-propylbenzene
Concen: 55.901 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 326575

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4

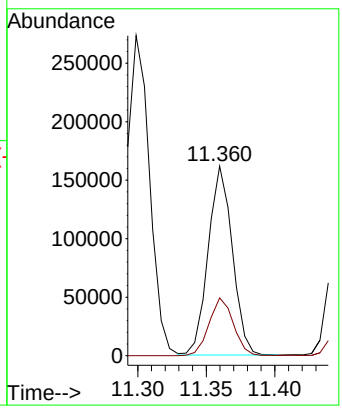




#79
2-Chlorotoluene
Concen: 52.554 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 19802

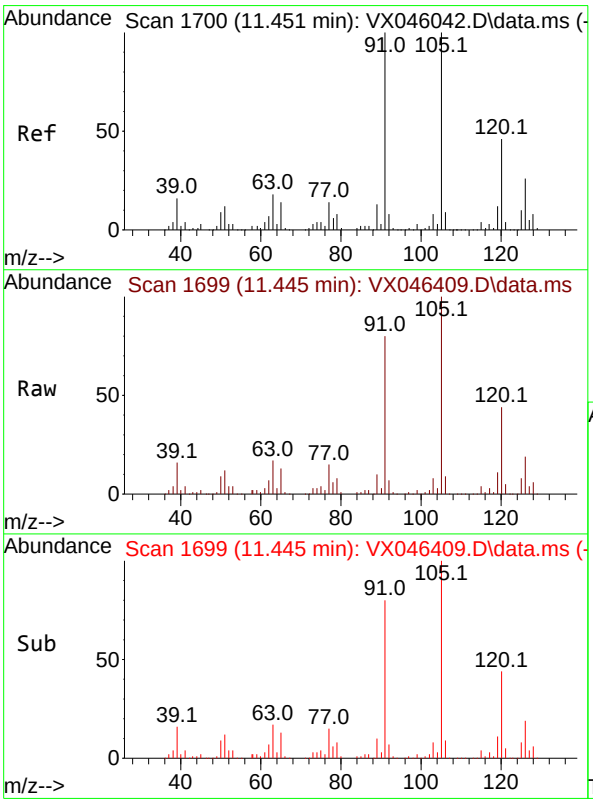
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

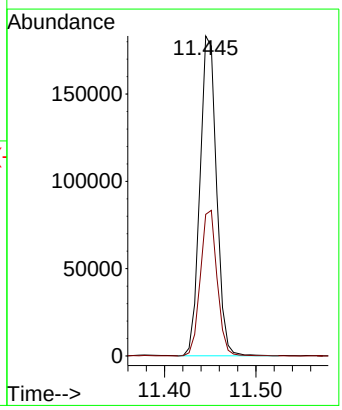
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

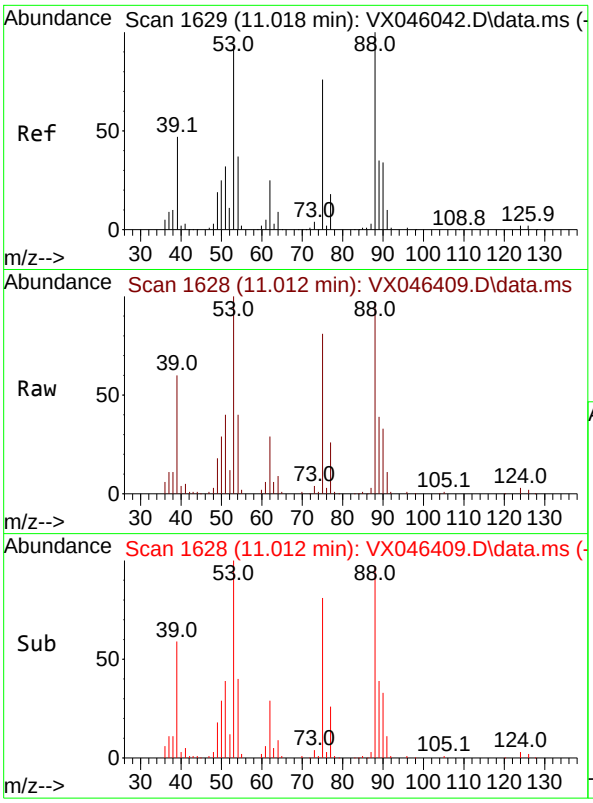


#80
1,3,5-Trimethylbenzene
Concen: 54.855 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:105 Resp: 230250

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2

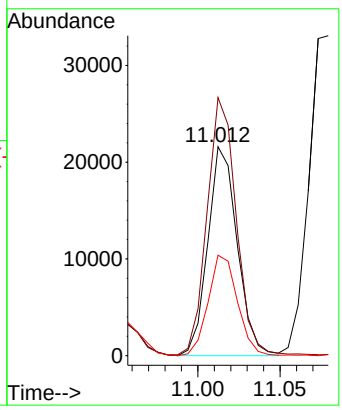




#81
trans-1,4-Dichloro-2-butene
Concen: 56.390 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 2690

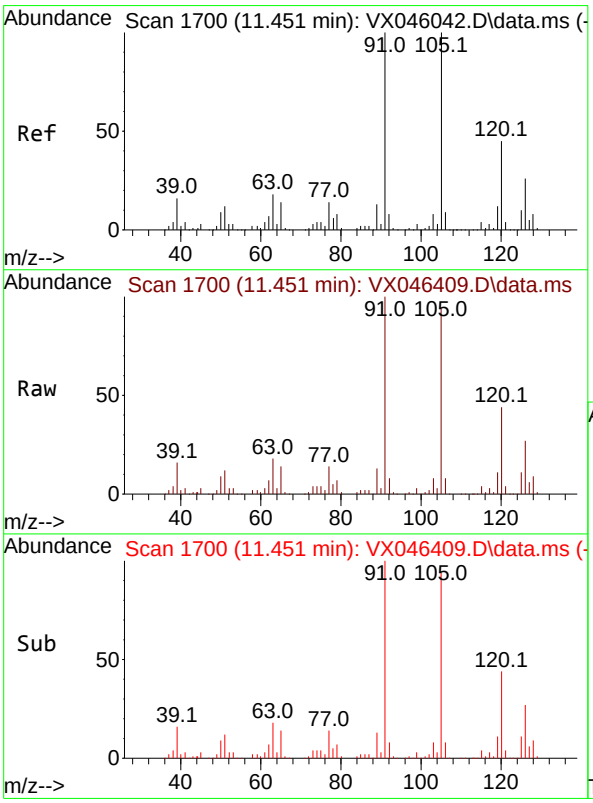
Ion	Ratio	Lower	Upper
75	100		
53	123.5	100.5	150.7
89	48.1	37.0	55.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

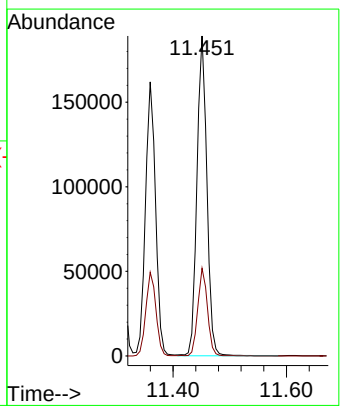
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

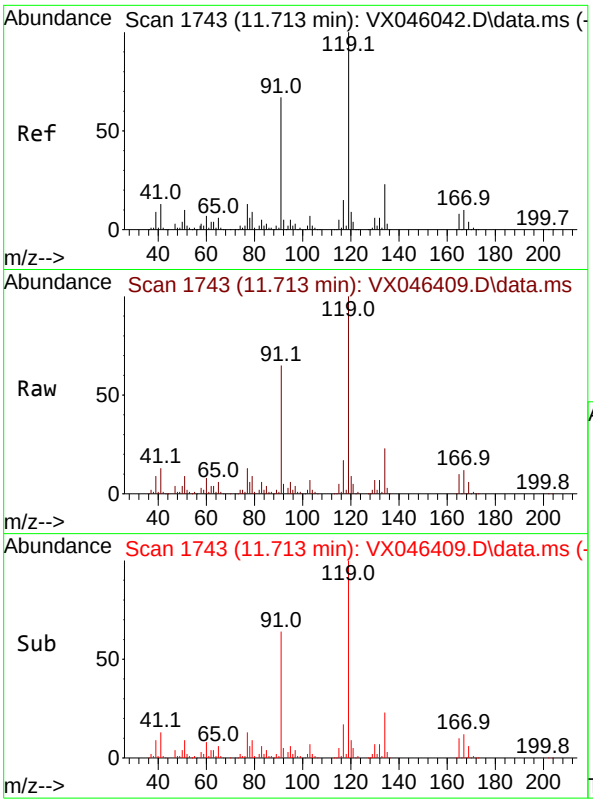


#82
4-Chlorotoluene
Concen: 55.048 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 230030

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.8

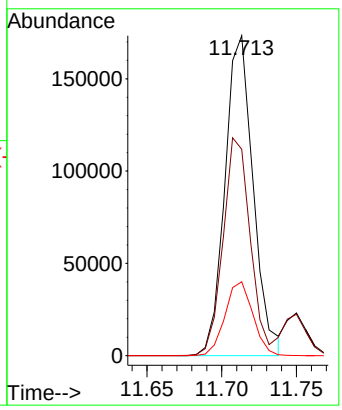




#83
tert-Butylbenzene
Concen: 53.855 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:119 Resp: 22770

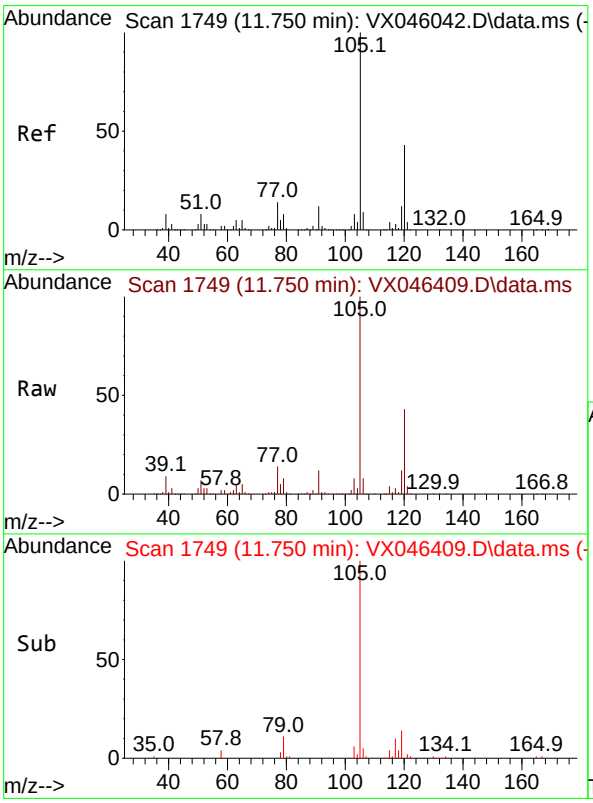
Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.9	98.7
134	22.9	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

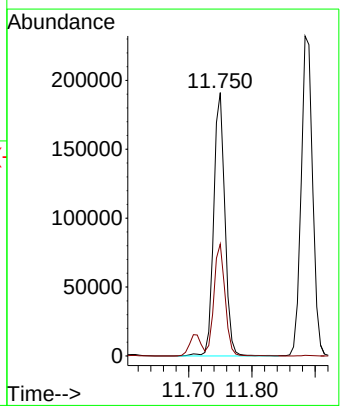
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

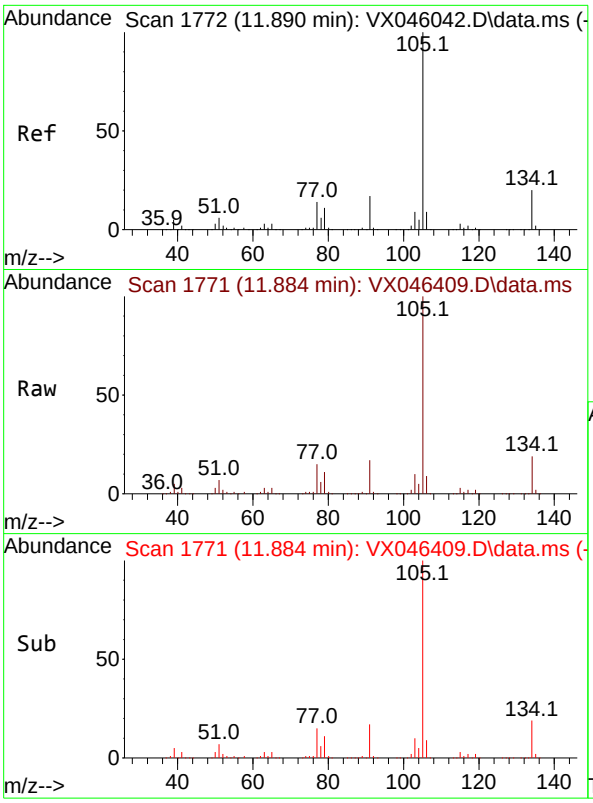


#84
1,2,4-Trimethylbenzene
Concen: 55.511 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:105 Resp: 235959

Ion	Ratio	Lower	Upper
105	100		
120	42.1	21.2	63.6





#85
sec-Butylbenzene
Concen: 56.108 ug/l
RT: 11.884 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

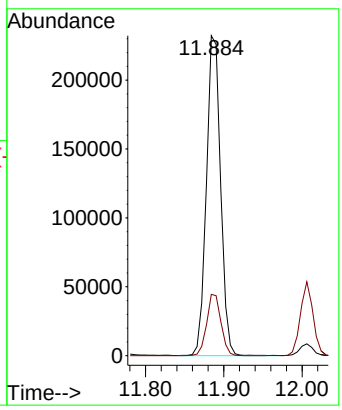
Tgt Ion:105 Resp: 29127

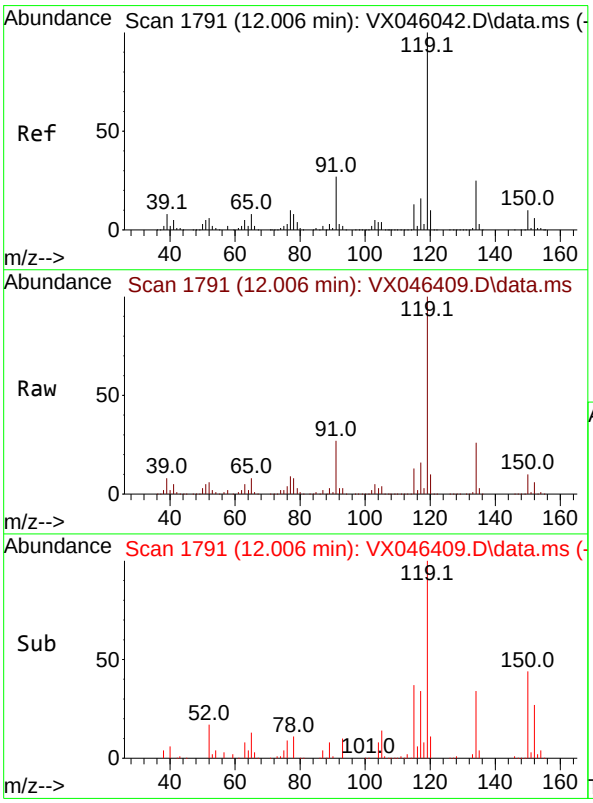
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

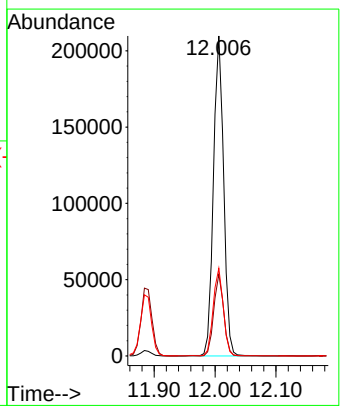


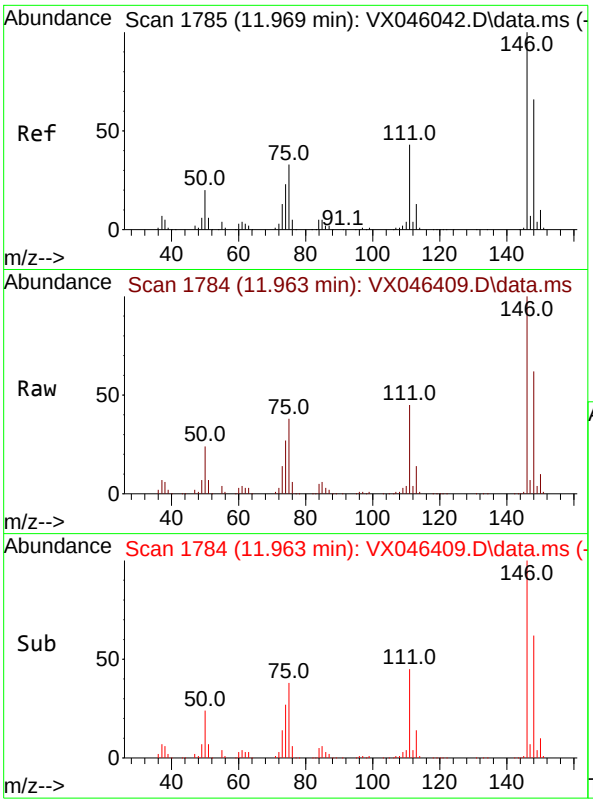


#86
p-Isopropyltoluene
Concen: 56.880 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:119 Resp: 243737

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.5	37.5
91	27.1	13.8	41.4

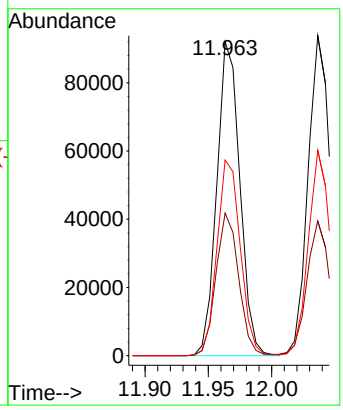




#87
1,3-Dichlorobenzene
Concen: 54.725 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:146 Resp: 11650

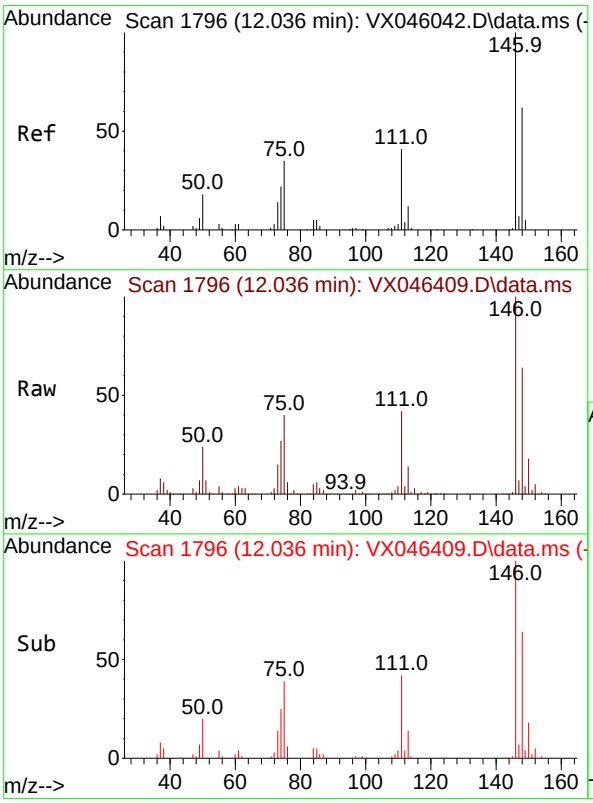
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.3
148	63.1	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

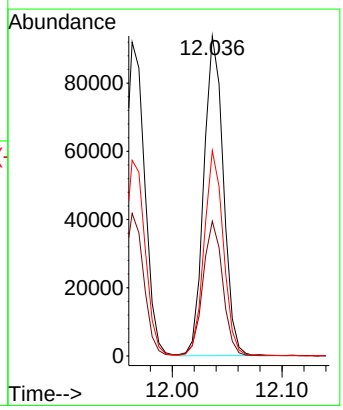
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

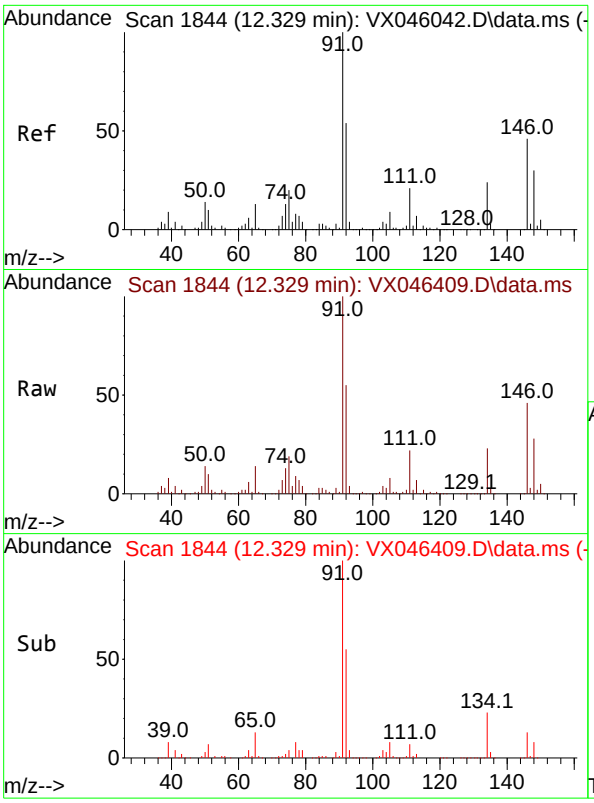


#88
1,4-Dichlorobenzene
Concen: 53.346 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:146 Resp: 115980

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.1	31.9	95.5





#89
n-Butylbenzene
Concen: 59.677 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

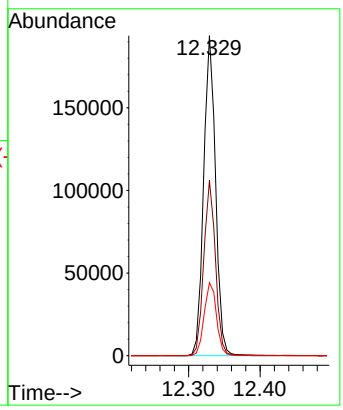
Tgt Ion: 91 Resp: 22430

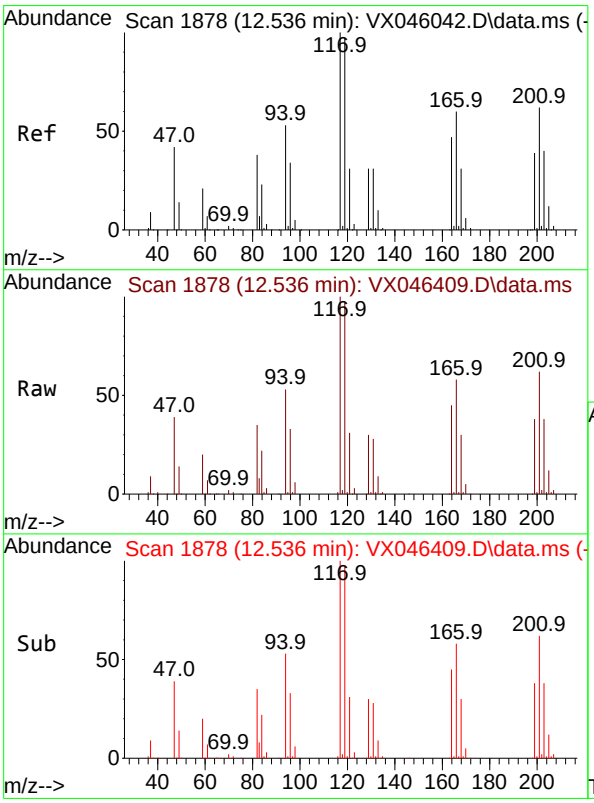
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	23.7	11.8	35.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

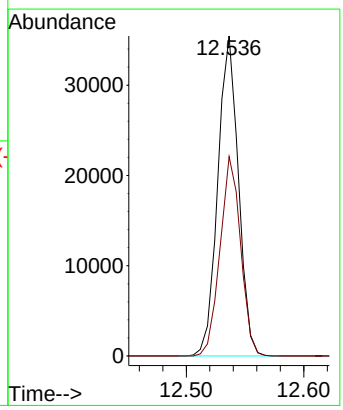


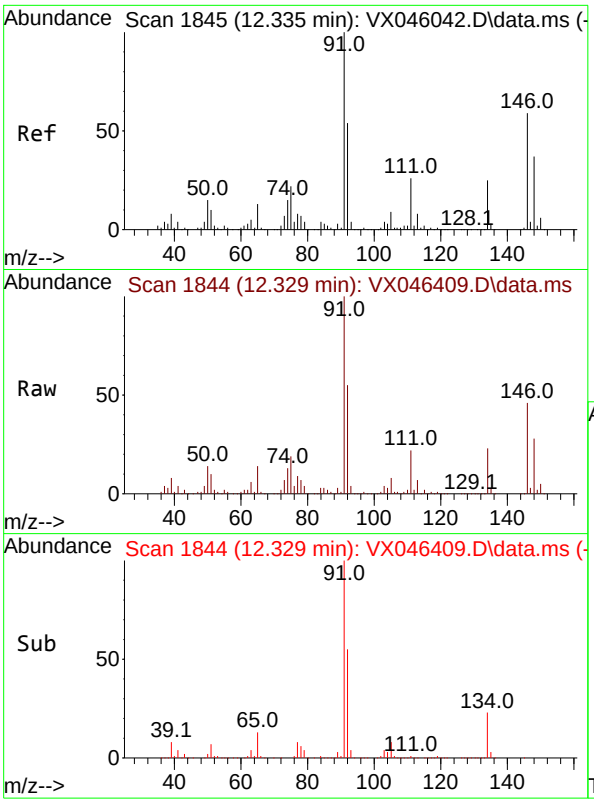


#90
Hexachloroethane
Concen: 57.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:117 Resp: 43197

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.6	94.7

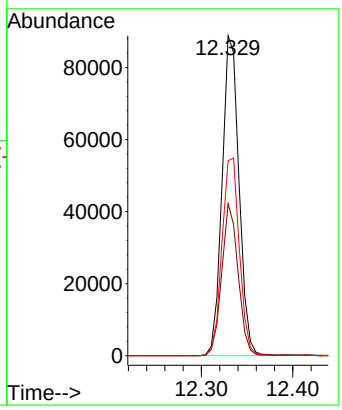




#91
1,2-Dichlorobenzene
Concen: 53.544 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:146 Resp: 11438

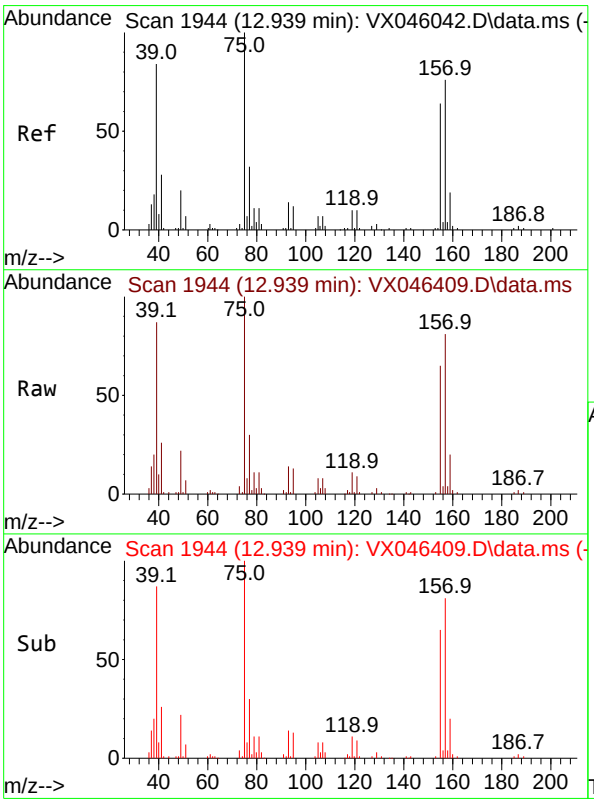
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.4	67.3
148	63.8	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

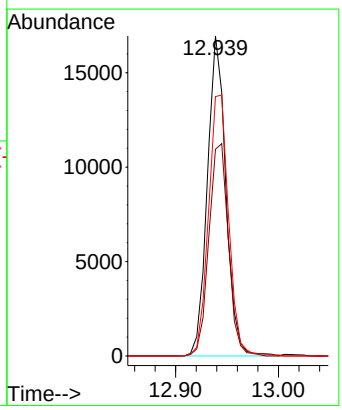
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

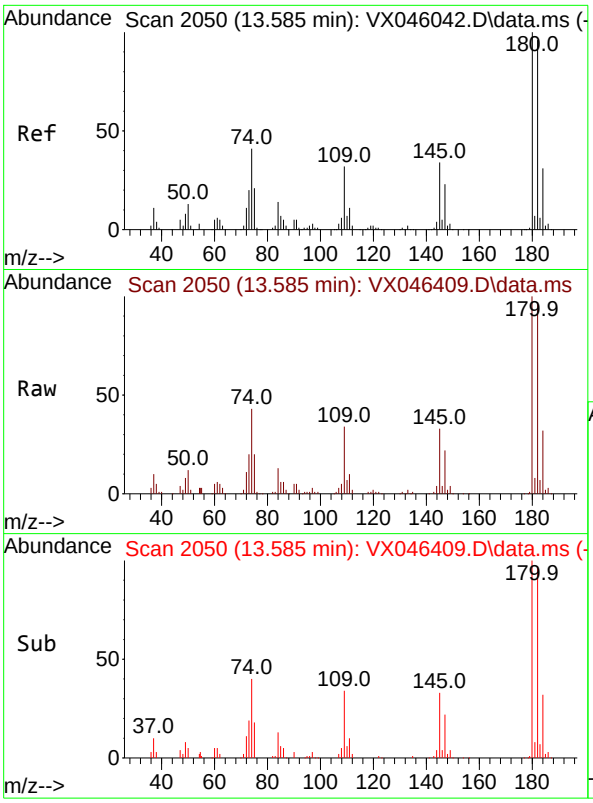


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.344 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 21197

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	88.4	43.8	131.4

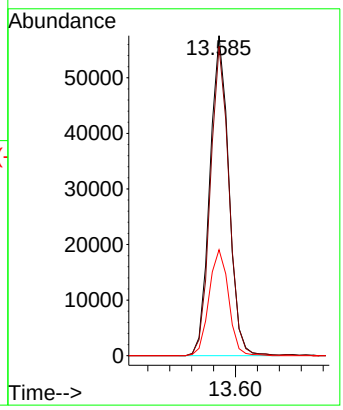




#93
1,2,4-Trichlorobenzene
Concen: 56.393 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:180 Resp: 6919

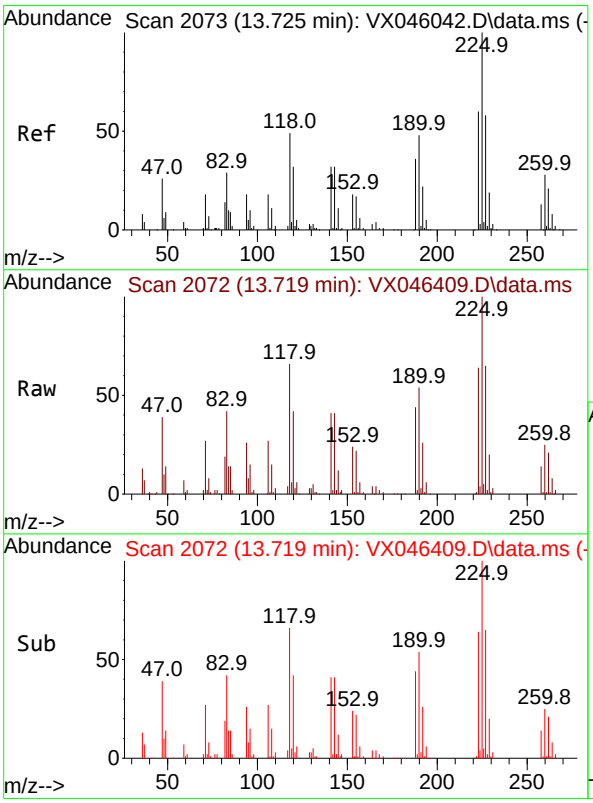
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	34.0	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

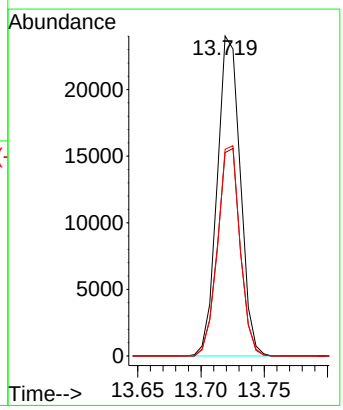
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

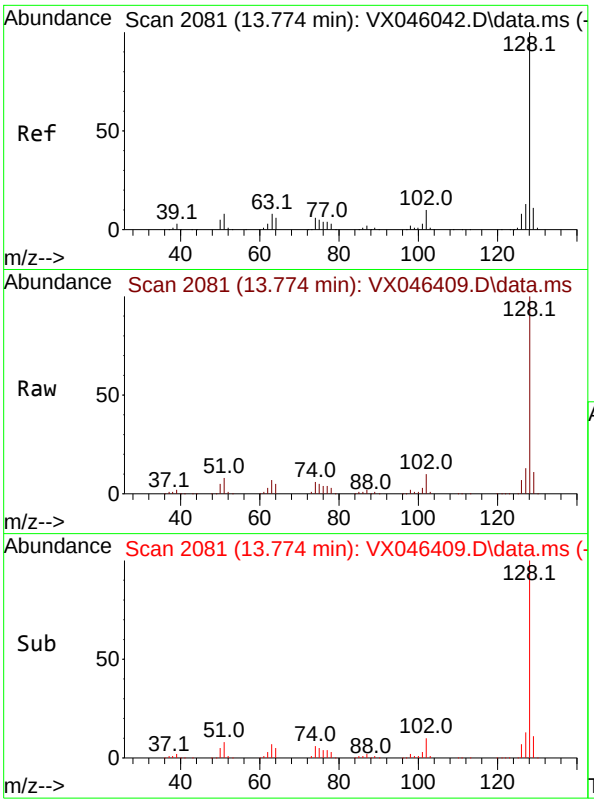


#94
Hexachlorobutadiene
Concen: 56.649 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:225 Resp: 30357

Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.8	92.4
227	64.0	30.9	92.7

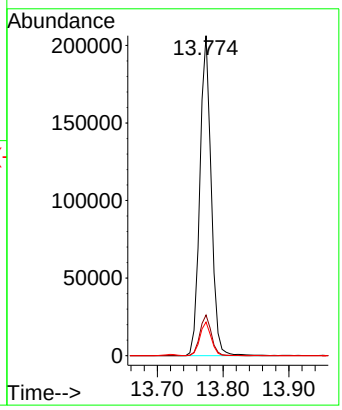




#95
Naphthalene
Concen: 54.869 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:128 Resp: 24691

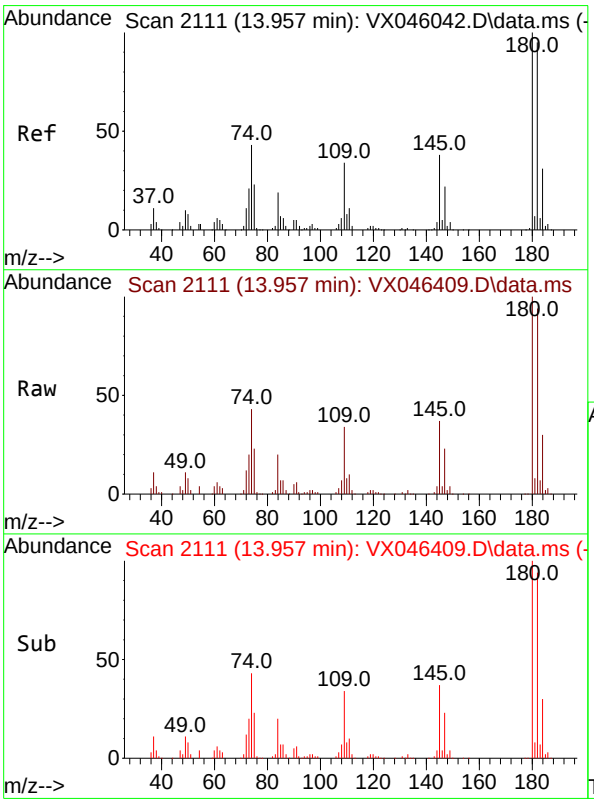
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.5	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

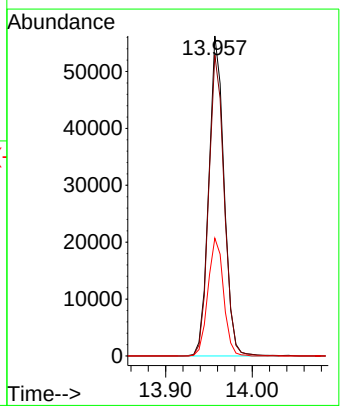
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.538 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:180 Resp: 69047

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	37.4	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	94	0.00
2	T	Dichlorodifluoromethane	0.765	0.819	-7.1	89	0.00
3	P	Chloromethane	0.742	0.801	-8.0	97	0.00
4	C	Vinyl Chloride	0.691	0.722	-4.5#	96	0.00
5	T	Bromomethane	0.320	0.322	-0.6	93	0.00
6	T	Chloroethane	0.369	0.398	-7.9	99	0.00
7	T	Trichlorofluoromethane	1.021	1.123	-10.0	99	0.00
8	T	Diethyl Ether	0.347	0.359	-3.5	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.632	0.704	-11.4	103	0.00
10	T	Methyl Iodide	0.747	0.809	-8.3	94	0.00
11	T	Tert butyl alcohol	0.131	0.132	-0.8	96	0.00
12	CM	1,1-Dichloroethene	0.593	0.644	-8.6#	101	0.00
13	T	Acrolein	0.149	0.160	-7.4	99	0.00
14	T	Allyl chloride	1.133	1.295	-14.3	103	0.00
15	T	Acrylonitrile	0.374	0.418	-11.8	101	0.00
16	T	Acetone	0.374	0.420	-12.3	109	0.00
17	T	Carbon Disulfide	1.406	1.493	-6.2	97	0.00
18	T	Methyl Acetate	0.867	1.173	-35.3#	130	0.00
19	T	Methyl tert-butyl Ether	2.079	2.258	-8.6	98	0.00
20	T	Methylene Chloride	0.716	0.714	0.3	98	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.646	-8.4	100	0.00
22	T	Diisopropyl ether	2.189	2.460	-12.4	102	0.00
23	T	Vinyl Acetate	1.925	2.099	-9.0	97	0.00
24	P	1,1-Dichloroethane	1.219	1.347	-10.5	101	0.00
25	T	2-Butanone	0.543	0.600	-10.5	102	-0.01
26	T	2,2-Dichloropropane	0.954	1.041	-9.1	103	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.778	-8.4	100	0.00
28	T	Bromochloromethane	0.587	0.592	-0.9	96	-0.01
29	T	Tetrahydrofuran	0.340	0.372	-9.4	100	0.00
30	C	Chloroform	1.271	1.387	-9.1#	101	0.00
31	T	Cyclohexane	1.111	1.177	-5.9	98	0.00
32	T	1,1,1-Trichloroethane	1.101	1.190	-8.1	99	0.00
33	S	1,2-Dichloroethane-d4	0.932	0.920	1.3	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.360	0.375	-4.2	98	0.00
36	T	1,1-Dichloropropene	0.484	0.526	-8.7	98	0.00
37	T	Ethyl Acetate	0.598	0.657	-9.9	100	-0.01
38	T	Carbon Tetrachloride	0.544	0.593	-9.0	98	0.00
39	T	Methylcyclohexane	0.623	0.679	-9.0	98	0.00
40	TM	Benzene	1.417	1.556	-9.8	98	0.00
41	T	Methacrylonitrile	0.313	0.385	-23.0	103	0.00
42	TM	1,2-Dichloroethane	0.612	0.666	-8.8	98	0.00
43	T	Isopropyl Acetate	0.912	1.025	-12.4	99	0.00
44	TM	Trichloroethene	0.341	0.373	-9.4	97	0.00
45	C	1,2-Dichloropropane	0.352	0.395	-12.2#	99	0.00
46	T	Dibromomethane	0.278	0.306	-10.1	99	0.00
47	T	Bromodichloromethane	0.547	0.622	-13.7	100	0.00
48	T	Methyl methacrylate	0.466	0.535	-14.8	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.009	0.009	0.0	93	0.00
50	S	Toluene-d8	1.246	1.233	1.0	93	0.00
51	T	4-Methyl-2-Pentanone	0.605	0.678	-12.1	99	0.00
52	CM	Toluene	0.869	0.940	-8.2#	97	0.00
53	T	t-1,3-Dichloropropene	0.487	0.555	-14.0	97	0.00
54	T	cis-1,3-Dichloropropene	0.538	0.621	-15.4	100	0.00
55	T	1,1,2-Trichloroethane	0.343	0.376	-9.6	98	0.00
56	T	Ethyl methacrylate	0.546	0.624	-14.3	97	0.00
57	T	1,3-Dichloropropane	0.615	0.658	-7.0	98	0.00
58	T	2-Chloroethyl Vinyl ether	0.278	0.307	-10.4	93	0.00
59	T	2-Hexanone	0.448	0.503	-12.3	99	0.00
60	T	Dibromochloromethane	0.376	0.436	-16.0	101	0.00
61	T	1,2-Dibromoethane	0.356	0.393	-10.4	98	0.00
62	S	4-Bromofluorobenzene	0.478	0.485	-1.5	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.354	0.397	-12.1	95	0.00
65	PM	Chlorobenzene	1.094	1.183	-8.1	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.424	-13.4	97	0.00
67	C	Ethyl Benzene	1.929	2.210	-14.6#	98	0.00
68	T	m/p-Xylenes	0.706	0.799	-13.2	97	0.00
69	T	o-Xylene	0.688	0.782	-13.7	96	0.00
70	T	Styrene	1.127	1.325	-17.6	97	0.00
71	P	Bromoform	0.281	0.328	-16.7	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.893	4.252	-9.2	98	0.00
74	T	N-amyl acetate	1.924	2.121	-10.2	97	0.00
75	P	1,1,2,2-Tetrachloroethane	1.364	1.396	-2.3	99	0.00
76	T	1,2,3-Trichloropropane	1.204	1.304	-8.3	104	0.00
77	T	Bromobenzene	0.904	0.967	-7.0	99	0.00
78	T	n-propylbenzene	4.526	5.060	-11.8	99	0.00
79	T	2-Chlorotoluene	2.919	3.068	-5.1	97	0.00
80	T	1,3,5-Trimethylbenzene	3.252	3.568	-9.7	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.370	0.417	-12.7	103	0.00
82	T	4-Chlorotoluene	3.238	3.564	-10.1	99	0.00
83	T	tert-Butylbenzene	3.276	3.528	-7.7	98	0.00
84	T	1,2,4-Trimethylbenzene	3.293	3.656	-11.0	99	0.00
85	T	sec-Butylbenzene	4.022	4.513	-12.2	100	0.00
86	T	p-Isopropyltoluene	3.320	3.777	-13.8	101	0.00
87	T	1,3-Dichlorobenzene	1.649	1.805	-9.5	101	0.00
88	T	1,4-Dichlorobenzene	1.684	1.797	-6.7	101	0.00
89	T	n-Butylbenzene	2.912	3.476	-19.4	105	0.00
90	T	Hexachloroethane	0.585	0.669	-14.4	102	0.00
91	T	1,2-Dichlorobenzene	1.655	1.772	-7.1	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.302	0.328	-8.6	97	0.00
93	T	1,2,4-Trichlorobenzene	0.951	1.072	-12.7	104	0.00
94	T	Hexachlorobutadiene	0.415	0.470	-13.3	105	0.00
95	T	Naphthalene	3.487	3.826	-9.7	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	1.070	-9.1	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	53.499	-7.0	89	0.00
3	P	Chloromethane	50.000	53.985	-8.0	97	0.00
4	C	Vinyl Chloride	50.000	52.290	-4.6#	96	0.00
5	T	Bromomethane	50.000	50.227	-0.5	93	0.00
6	T	Chloroethane	50.000	53.955	-7.9	99	0.00
7	T	Trichlorofluoromethane	50.000	55.020	-10.0	99	0.00
8	T	Diethyl Ether	50.000	51.685	-3.4	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.758	-11.5	103	0.00
10	T	Methyl Iodide	50.000	54.083	-8.2	94	0.00
11	T	Tert butyl alcohol	250.000	251.596	-0.6	96	0.00
12	CM	1,1-Dichloroethene	50.000	54.349	-8.7#	101	0.00
13	T	Acrolein	250.000	269.119	-7.6	99	0.00
14	T	Allyl chloride	50.000	57.140	-14.3	103	0.00
15	T	Acrylonitrile	250.000	279.087	-11.6	101	0.00
16	T	Acetone	250.000	281.238	-12.5	109	0.00
17	T	Carbon Disulfide	50.000	53.127	-6.3	97	0.00
18	T	Methyl Acetate	50.000	67.621	-35.2#	130	0.00
19	T	Methyl tert-butyl Ether	50.000	54.313	-8.6	98	0.00
20	T	Methylene Chloride	50.000	49.822	0.4	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.176	-8.4	100	0.00
22	T	Diisopropyl ether	50.000	56.192	-12.4	102	0.00
23	T	Vinyl Acetate	250.000	272.572	-9.0	97	0.00
24	P	1,1-Dichloroethane	50.000	55.257	-10.5	101	0.00
25	T	2-Butanone	250.000	276.566	-10.6	102	-0.01
26	T	2,2-Dichloropropane	50.000	54.540	-9.1	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.202	-8.4	100	0.00
28	T	Bromochloromethane	50.000	50.407	-0.8	96	-0.01
29	T	Tetrahydrofuran	250.000	273.726	-9.5	100	0.00
30	C	Chloroform	50.000	54.560	-9.1#	101	0.00
31	T	Cyclohexane	50.000	52.962	-5.9	98	0.00
32	T	1,1,1-Trichloroethane	50.000	54.032	-8.1	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.342	1.3	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	52.055	-4.1	98	0.00
36	T	1,1-Dichloropropene	50.000	54.361	-8.7	98	0.00
37	T	Ethyl Acetate	50.000	54.982	-10.0	100	-0.01
38	T	Carbon Tetrachloride	50.000	54.528	-9.1	98	0.00
39	T	Methylcyclohexane	50.000	54.488	-9.0	98	0.00
40	TM	Benzene	50.000	54.919	-9.8	98	0.00
41	T	Methacrylonitrile	50.000	61.507	-23.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	54.429	-8.9	98	0.00
43	T	Isopropyl Acetate	50.000	56.197	-12.4	99	0.00
44	TM	Trichloroethene	50.000	54.691	-9.4	97	0.00
45	C	1,2-Dichloropropane	50.000	56.068	-12.1#	99	0.00
46	T	Dibromomethane	50.000	54.974	-9.9	99	0.00
47	T	Bromodichloromethane	50.000	56.841	-13.7	100	0.00
48	T	Methyl methacrylate	50.000	57.410	-14.8	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	1035.118	-3.5	93	0.00
50	S	Toluene-d8	50.000	49.472	1.1	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.055	-12.0	99	0.00
52	CM	Toluene	50.000	54.121	-8.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	57.024	-14.0	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.712	-15.4	100	0.00
55	T	1,1,2-Trichloroethane	50.000	54.934	-9.9	98	0.00
56	T	Ethyl methacrylate	50.000	57.126	-14.3	97	0.00
57	T	1,3-Dichloropropane	50.000	53.435	-6.9	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.903	-10.4	93	0.00
59	T	2-Hexanone	250.000	280.812	-12.3	99	0.00
60	T	Dibromochloromethane	50.000	57.902	-15.8	101	0.00
61	T	1,2-Dibromoethane	50.000	55.163	-10.3	98	0.00
62	S	4-Bromofluorobenzene	50.000	50.734	-1.5	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	56.142	-12.3	95	0.00
65	PM	Chlorobenzene	50.000	54.044	-8.1	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.685	-13.4	97	0.00
67	C	Ethyl Benzene	50.000	57.284	-14.6#	98	0.00
68	T	m/p-Xylenes	100.000	113.281	-13.3	97	0.00
69	T	o-Xylene	50.000	56.842	-13.7	96	0.00
70	T	Styrene	50.000	58.788	-17.6	97	0.00
71	P	Bromoform	50.000	58.367	-16.7	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	54.621	-9.2	98	0.00
74	T	N-amyl acetate	50.000	55.143	-10.3	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.151	-2.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	54.163	-8.3	104	0.00
77	T	Bromobenzene	50.000	53.525	-7.0	99	0.00
78	T	n-propylbenzene	50.000	55.901	-11.8	99	0.00
79	T	2-Chlorotoluene	50.000	52.554	-5.1	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.855	-9.7	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.390	-12.8	103	0.00
82	T	4-Chlorotoluene	50.000	55.048	-10.1	99	0.00
83	T	tert-Butylbenzene	50.000	53.855	-7.7	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.511	-11.0	99	0.00
85	T	sec-Butylbenzene	50.000	56.108	-12.2	100	0.00
86	T	p-Isopropyltoluene	50.000	56.880	-13.8	101	0.00
87	T	1,3-Dichlorobenzene	50.000	54.725	-9.5	101	0.00
88	T	1,4-Dichlorobenzene	50.000	53.346	-6.7	101	0.00
89	T	n-Butylbenzene	50.000	59.677	-19.4	105	0.00
90	T	Hexachloroethane	50.000	57.220	-14.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	53.544	-7.1	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.344	-8.7	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.393	-12.8	104	0.00
94	T	Hexachlorobutadiene	50.000	56.649	-13.3	105	0.00
95	T	Naphthalene	50.000	54.869	-9.7	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	54.538	-9.1	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 18:56

Lab File ID: VX046431.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.678	0.1	-8.63	50
Vinyl Chloride	0.691	0.615		-11	50
Bromomethane	0.320	0.291		-9.06	50
Chloroethane	0.369	0.346		-6.23	50
Trichlorofluoromethane	1.021	0.979		-4.11	50
1,1,2-Trichlorotrifluoroethane	0.632	0.618		-2.21	50
1,1-Dichloroethene	0.593	0.566		-4.55	50
Acetone	0.374	0.427		14.17	50
Carbon Disulfide	1.406	1.085		-22.83	50
Methyl tert-butyl Ether	2.079	2.303		10.77	50
Methylene Chloride	0.716	0.705		-1.54	50
trans-1,2-Dichloroethene	0.596	0.567		-4.87	50
1,1-Dichloroethane	1.219	1.297	0.1	6.4	50
2-Butanone	0.543	0.660		21.55	50
Carbon Tetrachloride	0.544	0.536		-1.47	50
cis-1,2-Dichloroethene	0.718	0.752		4.74	50
Chloroform	1.271	1.391		9.44	50
1,1,1-Trichloroethane	1.101	1.186		7.72	50
Methylcyclohexane	0.623	0.569		-8.67	50
Benzene	1.417	1.443		1.84	50
1,2-Dichloroethane	0.612	0.638		4.25	50
Trichloroethene	0.341	0.338		-0.88	50
1,2-Dichloropropane	0.352	0.390		10.8	50
Bromodichloromethane	0.547	0.604		10.42	50
4-Methyl-2-Pentanone	0.605	0.747		23.47	50
Toluene	0.869	0.892		2.65	50
t-1,3-Dichloropropene	0.487	0.534		9.65	50
cis-1,3-Dichloropropene	0.538	0.594		10.41	50
1,1,2-Trichloroethane	0.343	0.385		12.24	50
2-Hexanone	0.448	0.562		25.45	50
Dibromochloromethane	0.376	0.434		15.43	50
Tetrachloroethene	0.354	0.336		-5.09	50
Chlorobenzene	1.094	1.107	0.3	1.19	50
Ethyl Benzene	1.929	2.037		5.6	50
m/p-Xylenes	0.706	0.738		4.53	50
o-Xylene	0.688	0.742		7.85	50
Styrene	1.127	1.252		11.09	50
Bromoform	0.281	0.308	0.1	9.61	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 18:56

Lab File ID: VX046431.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	3.893	4.117		5.75	50
1,1,2,2-Tetrachloroethane	1.364	1.468	0.3	7.63	50
1,3-Dichlorobenzene	1.649	1.747		5.94	50
1,4-Dichlorobenzene	1.684	1.746		3.68	50
1,2-Dichlorobenzene	1.655	1.784		7.8	50
1,2-Dichloroethane-d4	0.932	0.953		2.25	50
Dibromofluoromethane	0.360	0.370		2.78	50
Toluene-d8	1.246	1.219		-2.17	50
4-Bromofluorobenzene	0.478	0.506		5.86	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\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	74114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70637	51.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	49202	51.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	8.647	98	162192	48.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	67347	52.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52337	46.138	ug/l	97
3) Chloromethane	1.306	50	50222	45.654	ug/l	98
4) Vinyl Chloride	1.374	62	45572	44.512	ug/l	99
5) Bromomethane	1.593	94	21584	45.454	ug/l	96
6) Chloroethane	1.666	64	25642	46.916	ug/l	98
7) Trichlorofluoromethane	1.873	101	72532	47.936	ug/l	99
8) Diethyl Ether	2.129	74	24886	48.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	45829	48.943	ug/l	97
10) Methyl Iodide	2.440	142	51809	46.760	ug/l	99
11) Tert butyl alcohol	2.983	59	60822	313.593	ug/l	98
12) 1,1-Dichloroethene	2.306	96	41957	47.743	ug/l	99
13) Acrolein	2.233	56	61985	280.627	ug/l	100
14) Allyl chloride	2.654	41	89270	53.151	ug/l	96
15) Acrylonitrile	3.062	53	162796	293.541	ug/l	98
16) Acetone	2.386	43	158115	285.403	ug/l	98
17) Carbon Disulfide	2.501	76	80402	38.590	ug/l	100
18) Methyl Acetate	2.703	43	96536	75.091	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	170684	55.398	ug/l	99
20) Methylene Chloride	2.782	84	52227	49.194	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	42033	47.561	ug/l	94
22) Diisopropyl ether	3.763	45	180764	55.717	ug/l	93
23) Vinyl Acetate	3.721	43	777807	272.581	ug/l	100
24) 1,1-Dichloroethane	3.605	63	96154	53.212	ug/l	98
25) 2-Butanone	4.556	43	244738	304.288	ug/l	100
26) 2,2-Dichloropropane	4.464	77	67166	47.489	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	55714	52.367	ug/l	100
28) Bromochloromethane	4.891	49	46340	53.277	ug/l	99
29) Tetrahydrofuran	5.007	42	151953	301.498	ug/l	98
30) Chloroform	5.086	83	103059	54.718	ug/l	96
31) Cyclohexane	5.464	56	77602	47.127	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	87897	53.836	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61592	47.863	ug/l	99
37) Ethyl Acetate	4.714	43	85506	53.781	ug/l	99
38) Carbon Tetrachloride	5.672	117	71351	49.348	ug/l	96
39) Methylcyclohexane	7.379	83	75716	45.703	ug/l	98
40) Benzene	6.031	78	191891	50.909	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	51148	61.498	ug/l		99
42) 1,2-Dichloroethane	6.080	62	84867	52.168	ug/l		99
43) Isopropyl Acetate	6.342	43	140262	57.828	ug/l		99
44) Trichloroethene	7.122	130	44919	49.514	ug/l		97
45) 1,2-Dichloropropane	7.427	63	51884	55.357	ug/l		98
46) Dibromomethane	7.580	93	38897	52.619	ug/l		99
47) Bromodichloromethane	7.817	83	80312	55.161	ug/l		99
48) Methyl methacrylate	7.689	41	74586	60.212	ug/l		99
49) 1,4-Dioxane	7.659	88	27552	1171.433	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	496899	308.632	ug/l		99
52) Toluene	8.714	92	118579	51.305	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	71021	54.879	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	78938	55.188	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	51227	56.210	ug/l		97
56) Ethyl methacrylate	9.116	69	87584	60.299	ug/l		99
57) 1,3-Dichloropropane	9.305	76	89527	54.700	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	211224	285.245	ug/l		99
59) 2-Hexanone	9.427	43	373912	313.912	ug/l		99
60) Dibromochloromethane	9.518	129	57708	57.658	ug/l		98
61) 1,2-Dibromoethane	9.604	107	51593	54.468	ug/l		98
64) Tetrachloroethene	9.268	164	39773	47.434	ug/l		96
65) Chlorobenzene	10.073	112	131134	50.556	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	47254	53.352	ug/l		98
67) Ethyl Benzene	10.189	91	241431	52.804	ug/l		99
68) m/p-Xylenes	10.299	106	174971	104.632	ug/l		99
69) o-Xylene	10.640	106	87961	53.954	ug/l		99
70) Styrene	10.652	104	148376	55.559	ug/l		98
71) Bromoform	10.799	173	36540	54.949	ug/l	#	97
73) Isopropylbenzene	10.957	105	236055	52.887	ug/l		100
74) N-amyl acetate	10.841	43	127751	57.922	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84159	53.806	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	74329m	53.862	ug/l		
77) Bromobenzene	11.195	156	53999	52.111	ug/l		100
78) n-propylbenzene	11.305	91	278510	53.665	ug/l		99
79) 2-Chlorotoluene	11.360	91	174683	52.184	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	200309	53.719	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	23283	54.930	ug/l		98
82) 4-Chlorotoluene	11.451	91	199469	53.734	ug/l		99
83) tert-Butylbenzene	11.713	119	202709	53.969	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	205143	54.326	ug/l		100
85) sec-Butylbenzene	11.890	105	254604	55.208	ug/l		100
86) p-Isopropyltoluene	12.006	119	209095	54.929	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	100145	52.954	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	100095	51.826	ug/l		100
89) n-Butylbenzene	12.329	91	185147	55.448	ug/l		100
90) Hexachloroethane	12.536	117	35458	52.871	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	102295	53.903	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20639	59.563	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	58874	54.013	ug/l		98
94) Hexachlorobutadiene	13.725	225	25552	53.675	ug/l		98
95) Naphthalene	13.774	128	225947	56.519	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	61292	54.497	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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

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

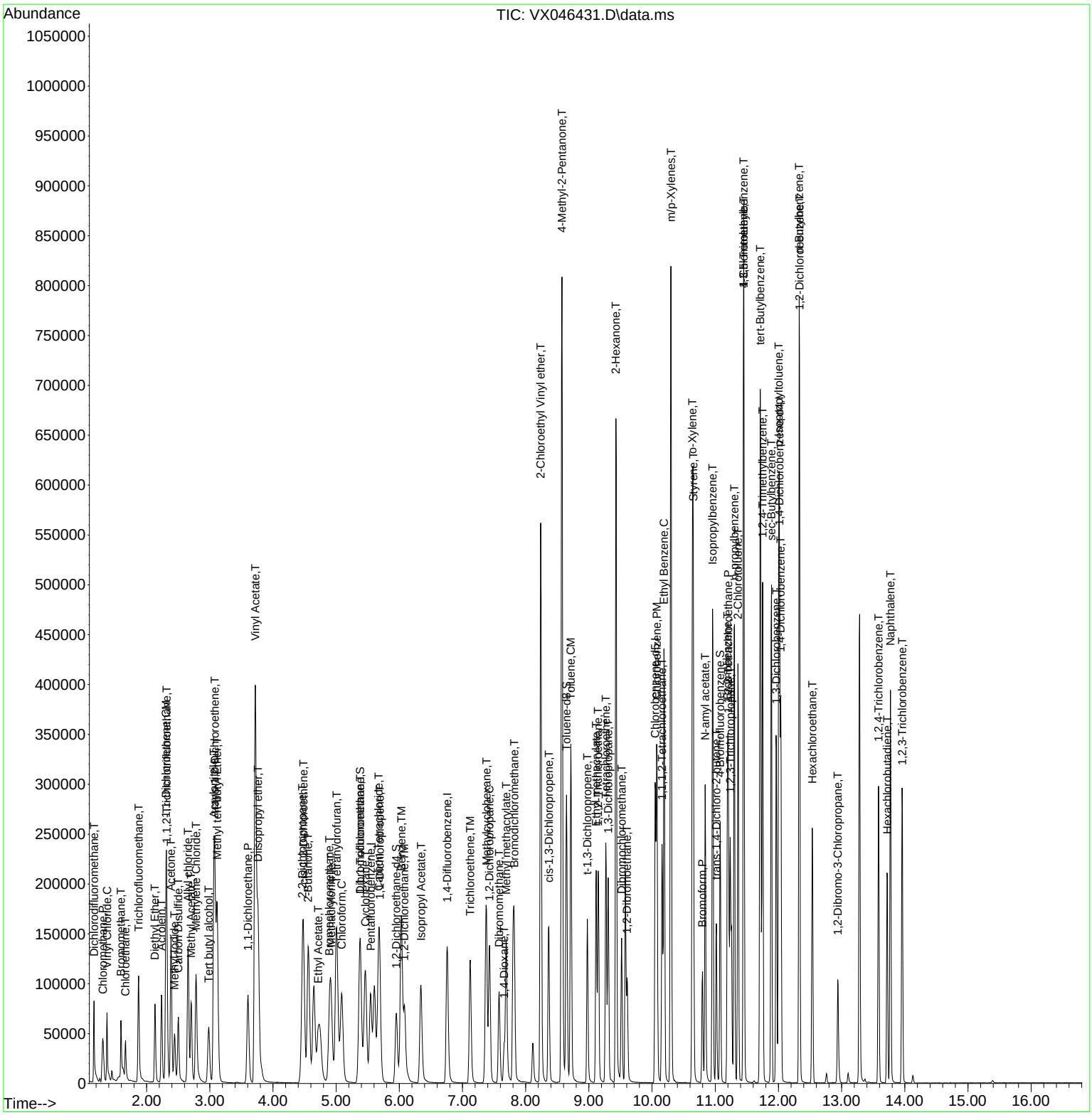
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

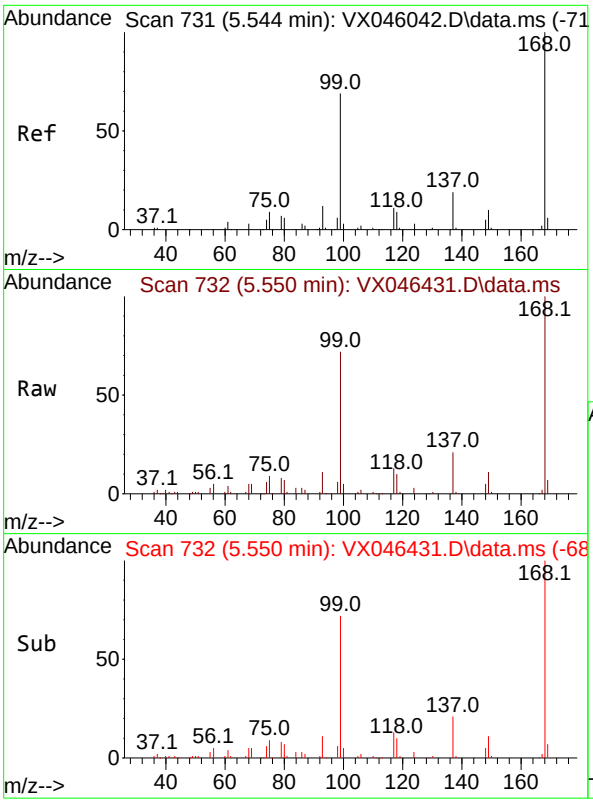
Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

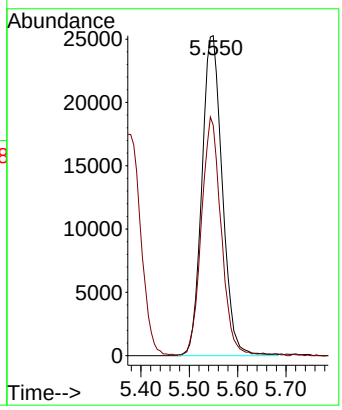




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:168 Resp: 7411

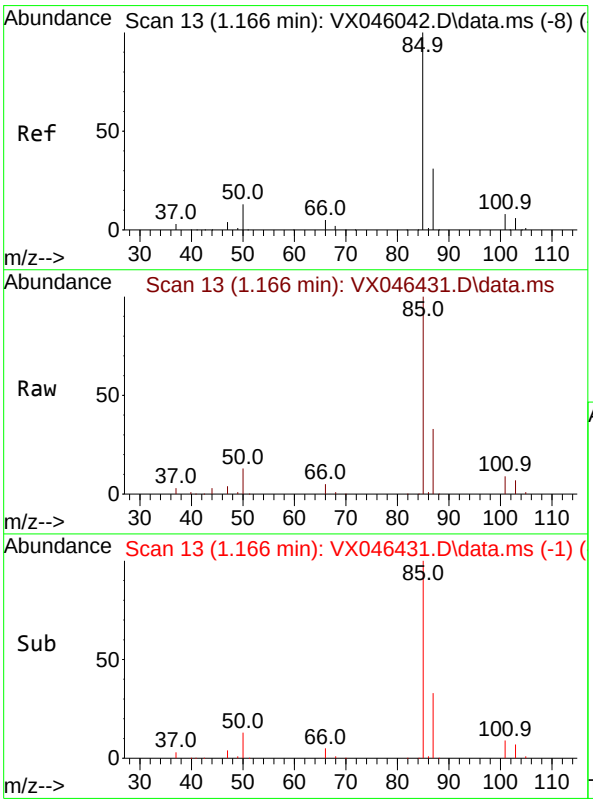
Ion	Ratio	Lower	Upper
168	100		
99	71.7	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

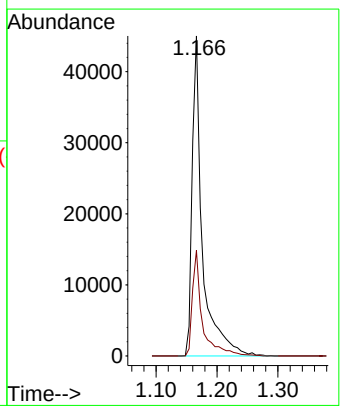
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

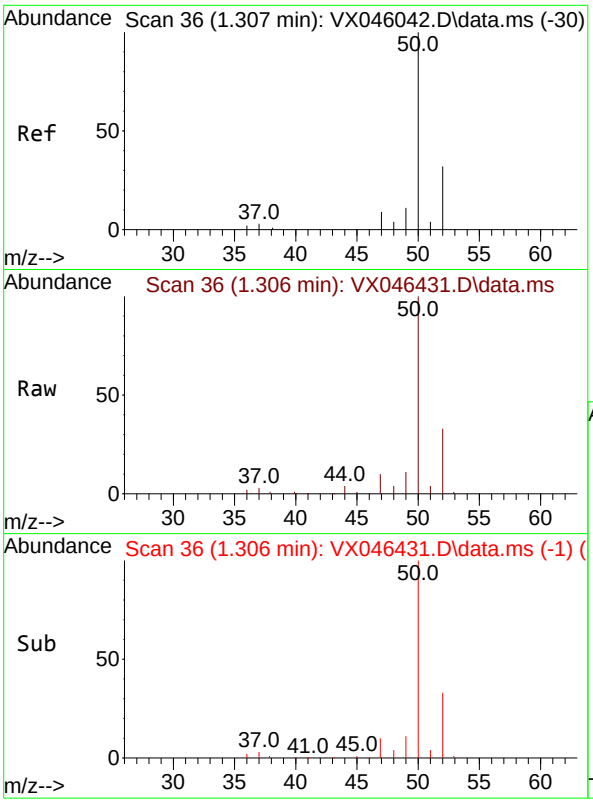


#2
Dichlorodifluoromethane
Concen: 46.138 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 85 Resp: 52337

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3
Chloromethane
Concen: 45.654 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

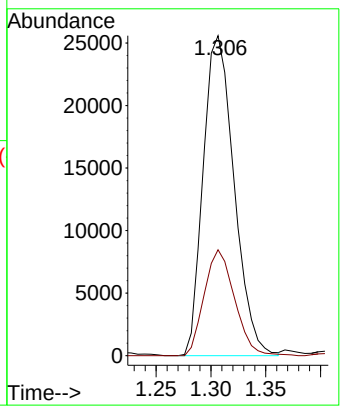
Tgt Ion: 50 Resp: 5022

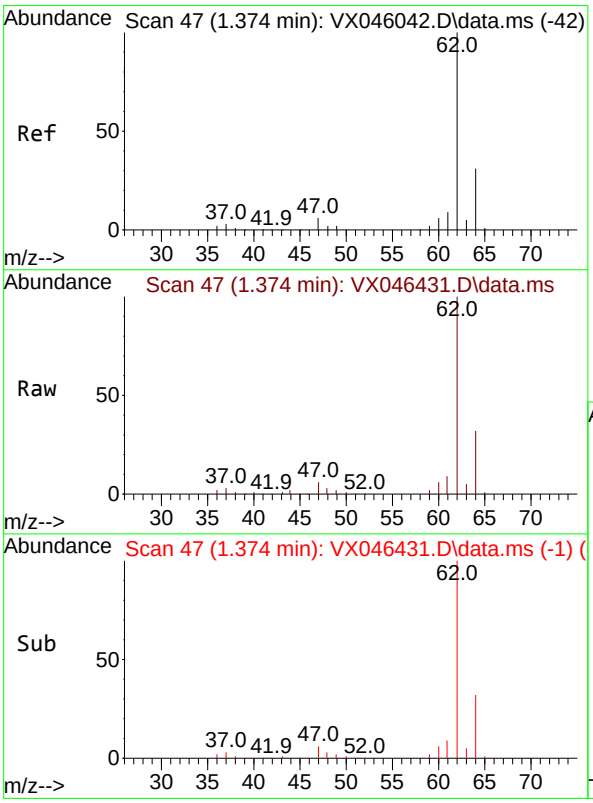
Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

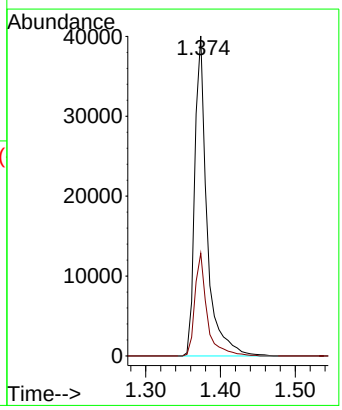


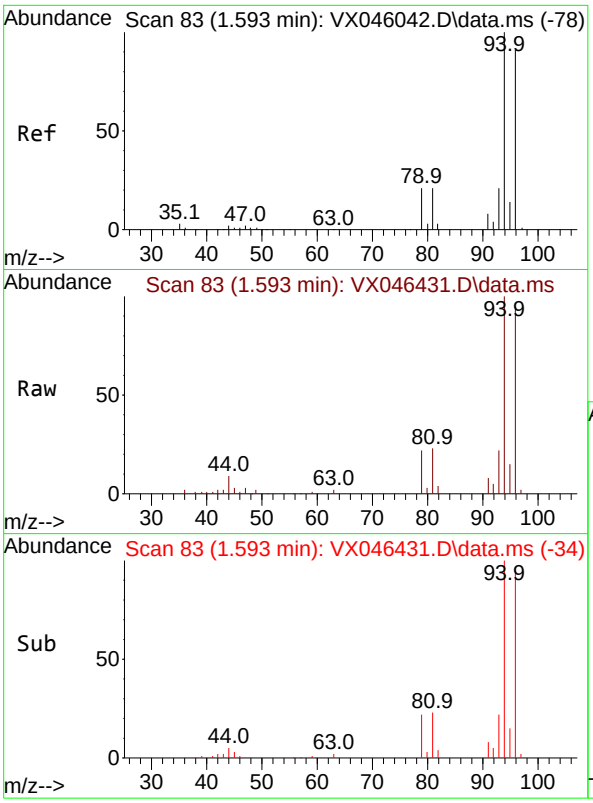


#4
Vinyl Chloride
Concen: 44.512 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 62 Resp: 45572

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.2	37.8

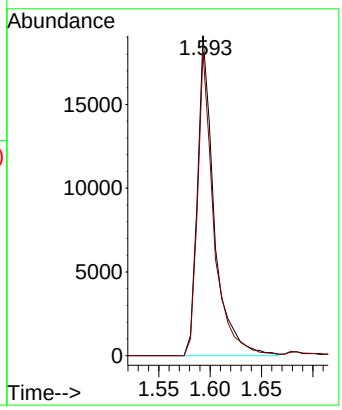




#5
Bromomethane
Concen: 45.454 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 94 Resp: 2158

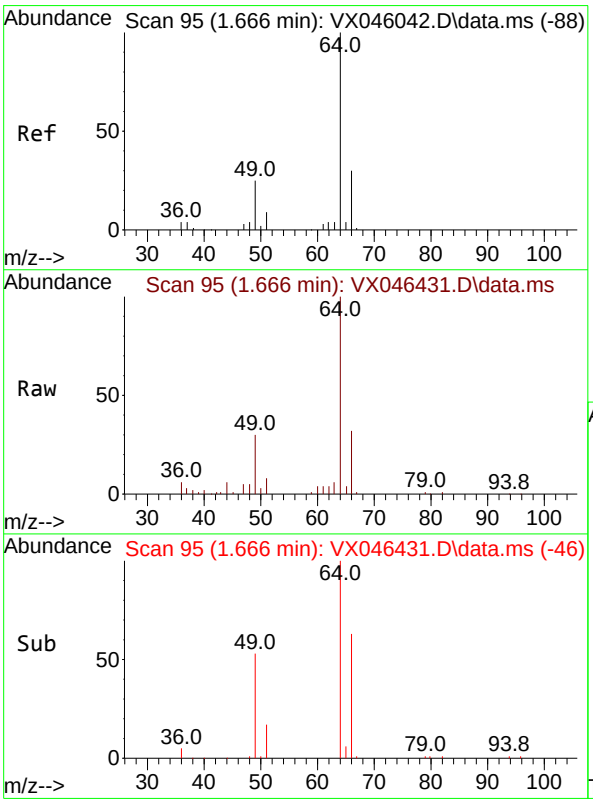
Ion	Ratio	Lower	Upper
94	100		
96	94.9	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

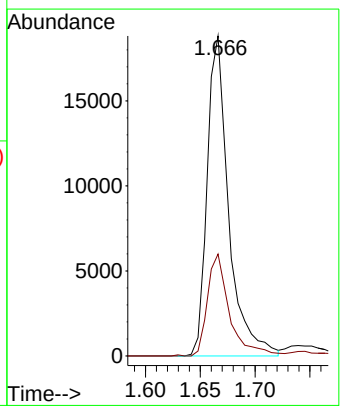
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

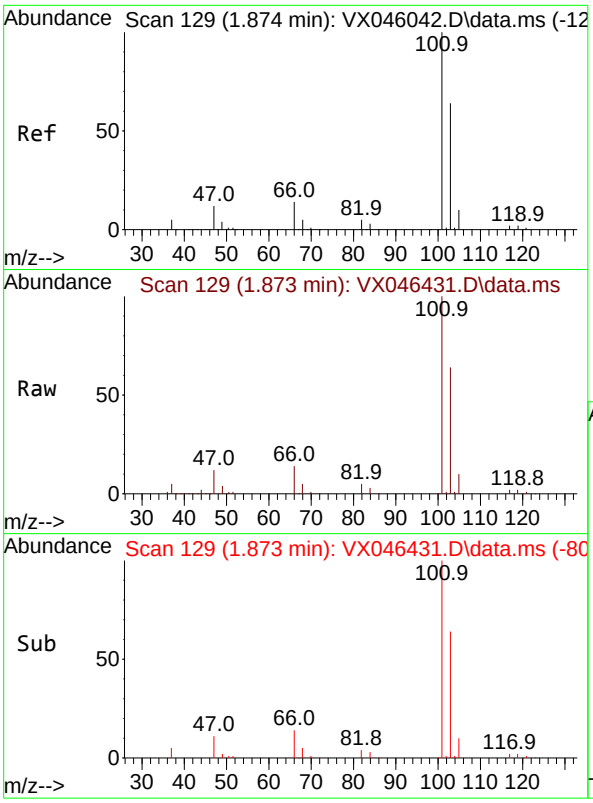


#6
Chloroethane
Concen: 46.916 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 64 Resp: 25642

Ion	Ratio	Lower	Upper
64	100		
66	31.5	24.3	36.5

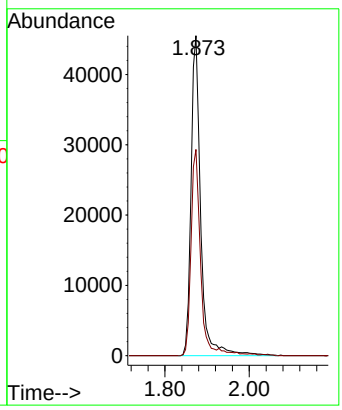




#7
Trichlorofluoromethane
Concen: 47.936 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:101 Resp: 7253

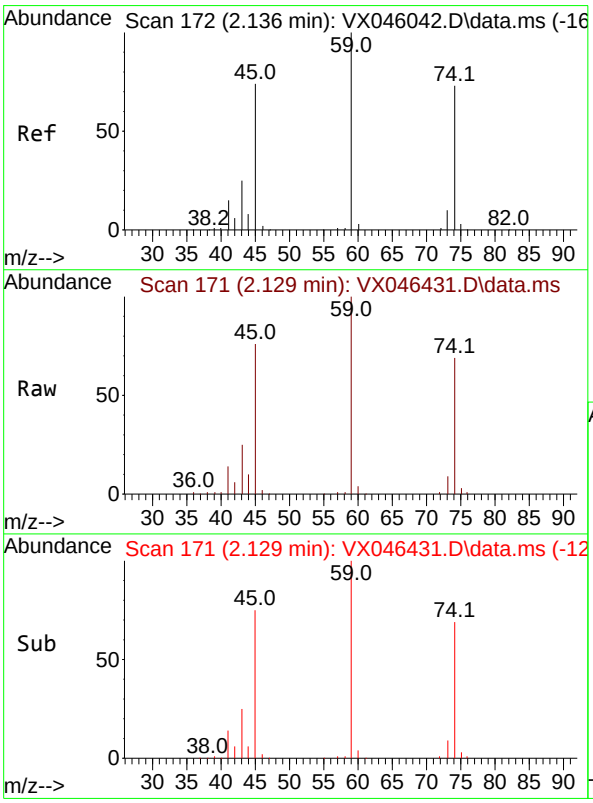
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

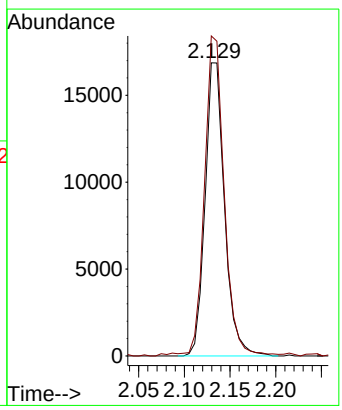
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

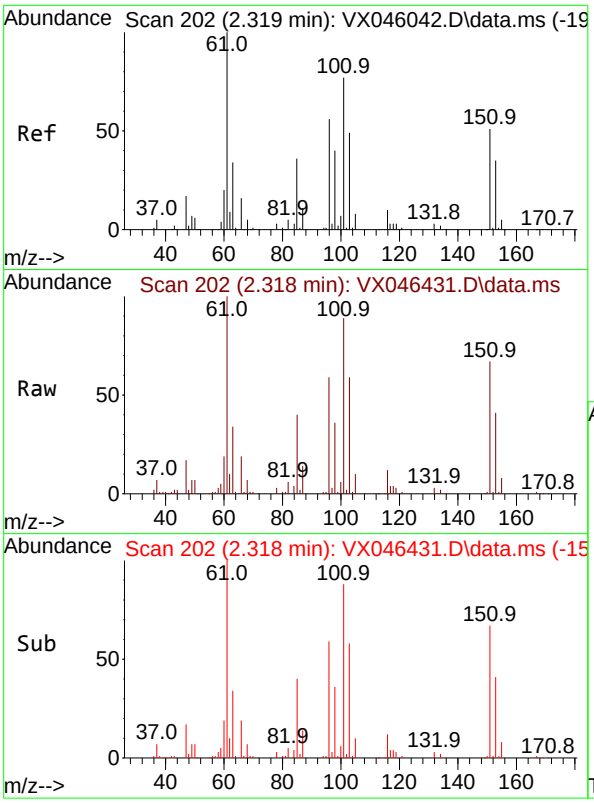


#8
Diethyl Ether
Concen: 48.314 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 74 Resp: 24886

Ion	Ratio	Lower	Upper
74	100		
45	111.2	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.943 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

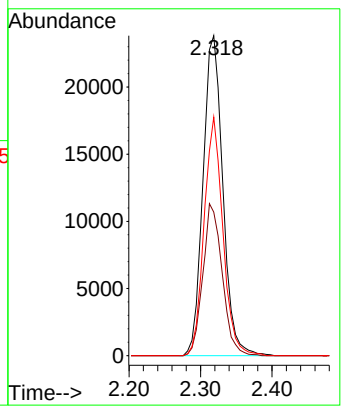
Tgt Ion:101 Resp: 4582

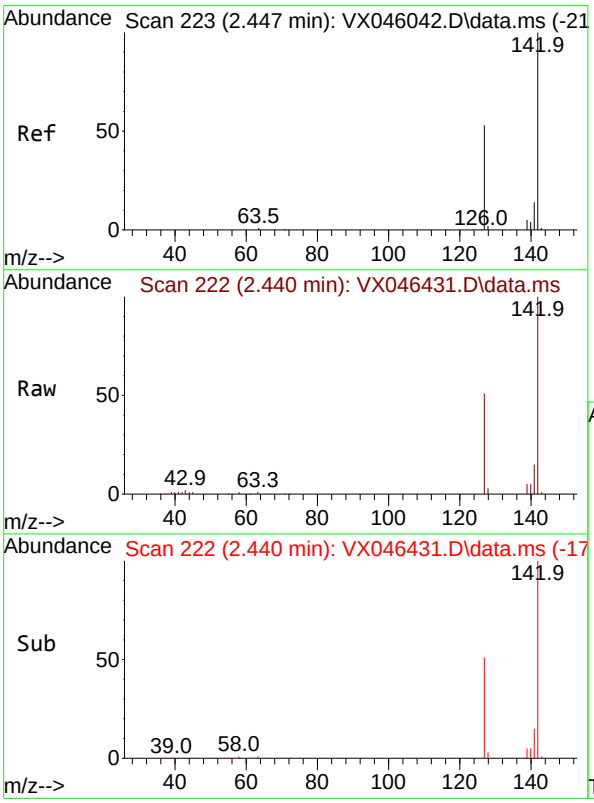
Ion	Ratio	Lower	Upper
101	100		
85	46.4	38.6	58.0
151	70.9	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

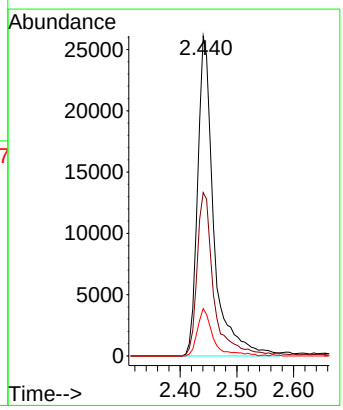


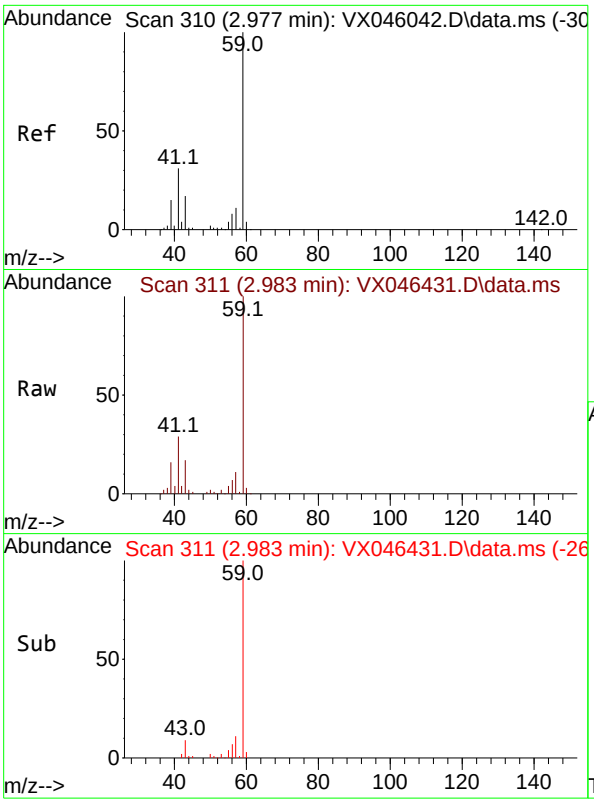


#10
Methyl Iodide
Concen: 46.760 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:142 Resp: 51809

Ion	Ratio	Lower	Upper
142	100		
127	52.5	41.7	62.5
141	14.2	11.5	17.3





#11
Tert butyl alcohol
Concen: 313.593 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

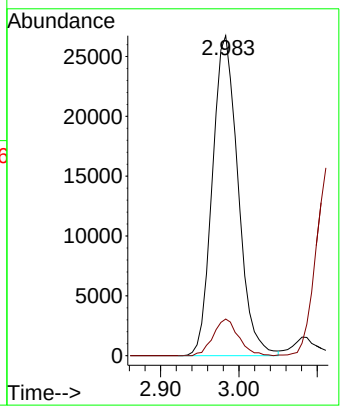
Tgt Ion: 59 Resp: 6082

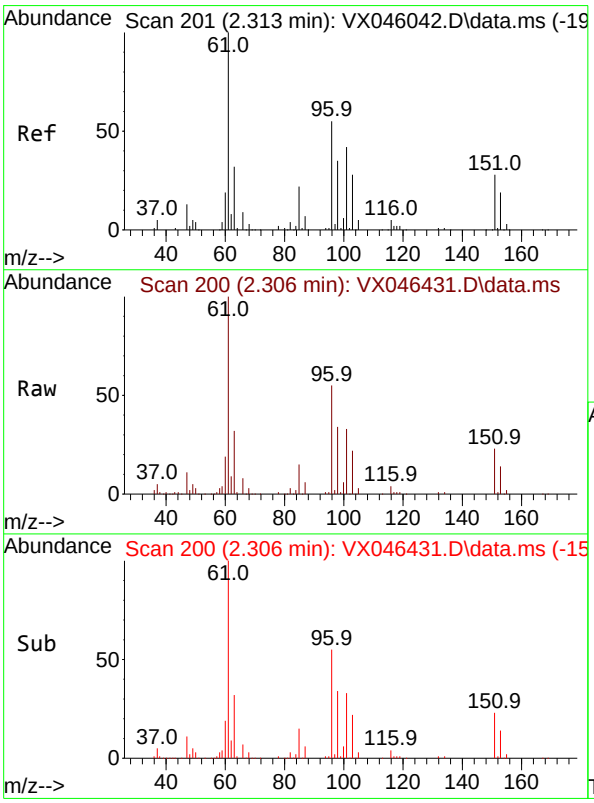
Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

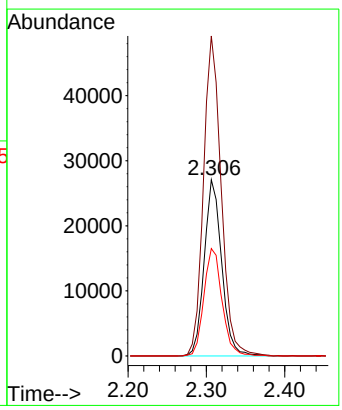


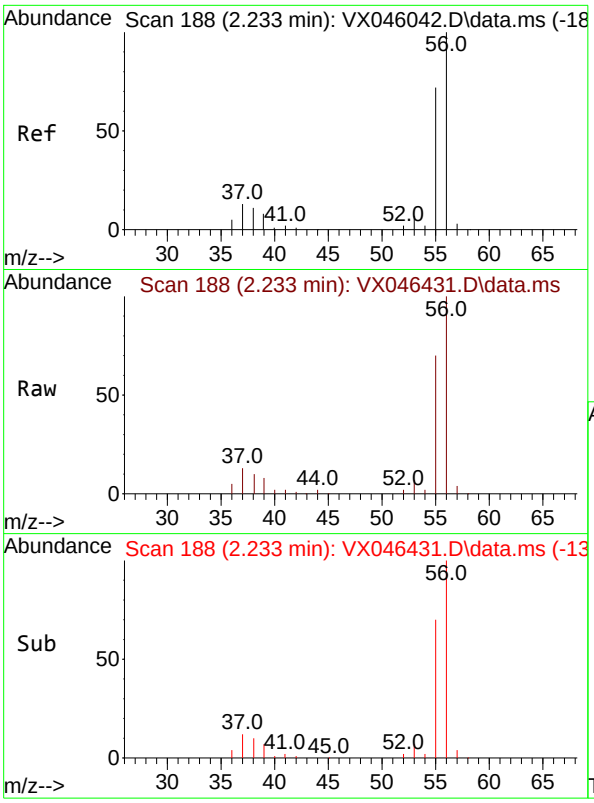


#12
1,1-Dichloroethene
Concen: 47.743 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 96 Resp: 41957

Ion	Ratio	Lower	Upper
96	100		
61	181.7	146.2	219.2
98	61.0	51.0	76.6

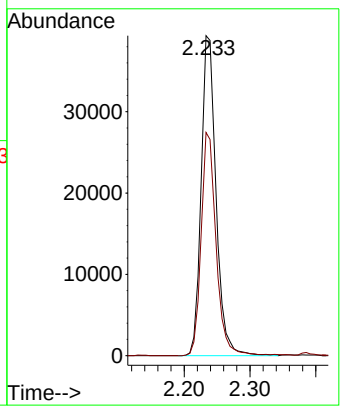




#13
Acrolein
Concen: 280.627 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 56 Resp: 6198

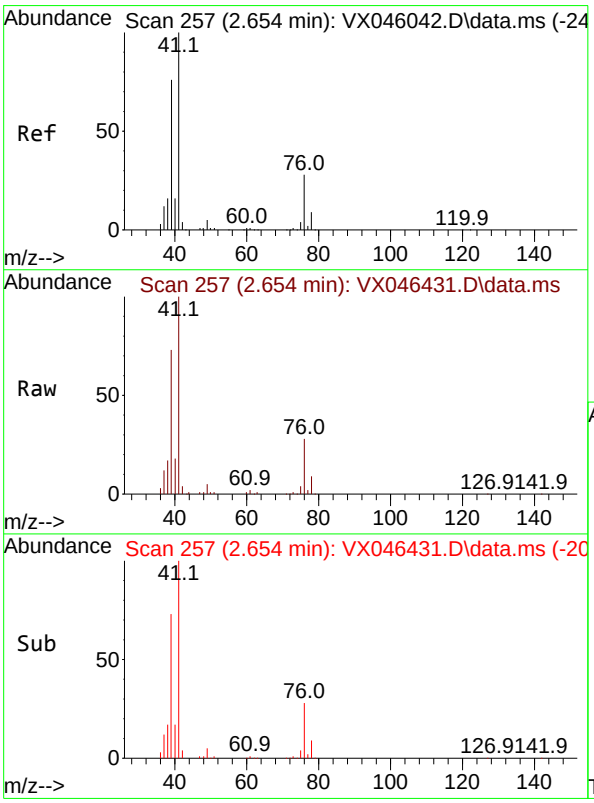
Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

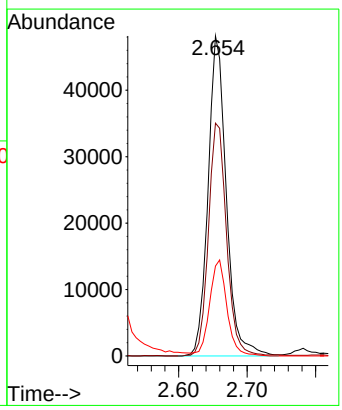
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

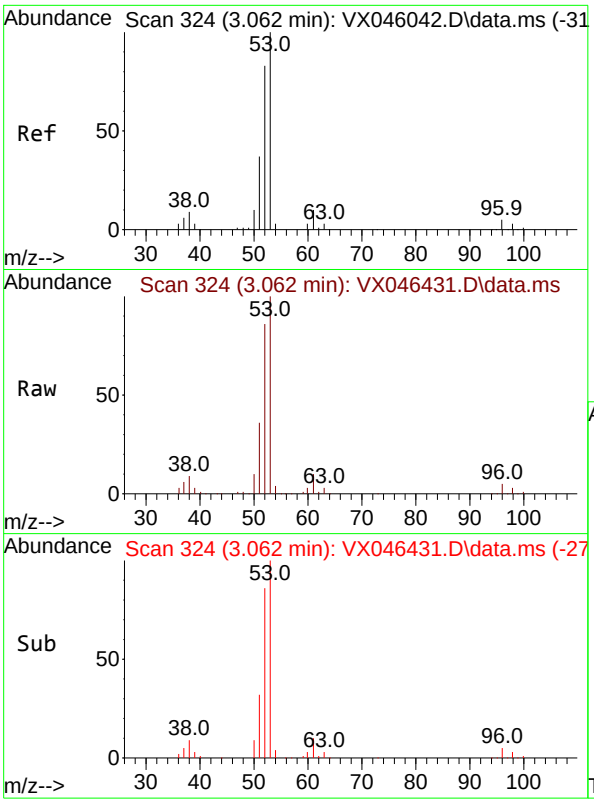


#14
Allyl chloride
Concen: 53.151 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 89270

Ion	Ratio	Lower	Upper
41	100		
39	72.2	60.6	90.8
76	28.5	24.9	37.3

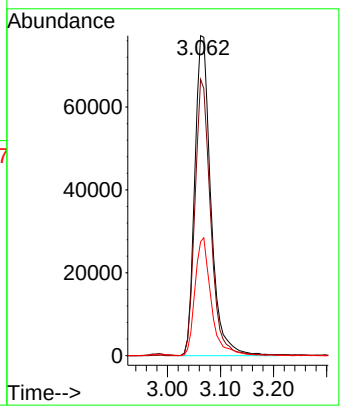




#15
Acrylonitrile
Concen: 293.541 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 53 Resp: 16279

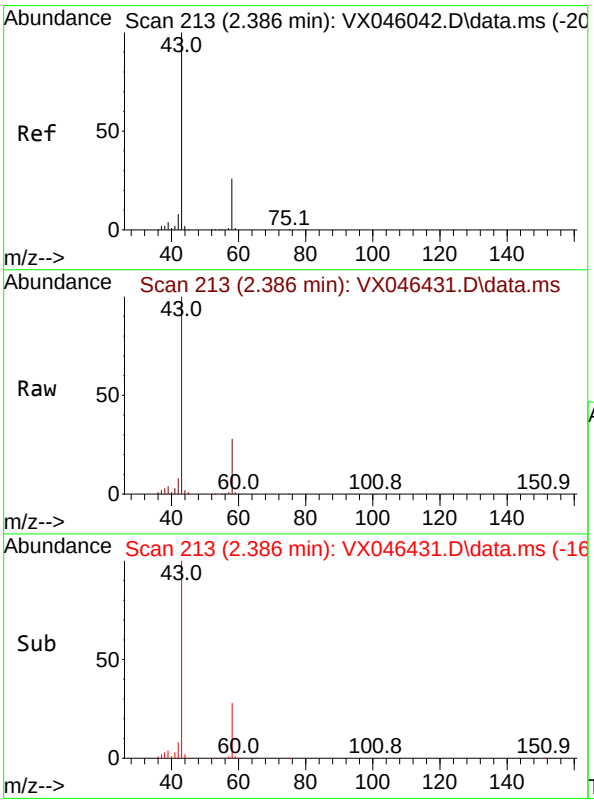
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	37.1	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

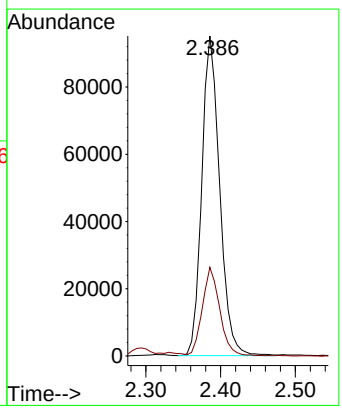
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

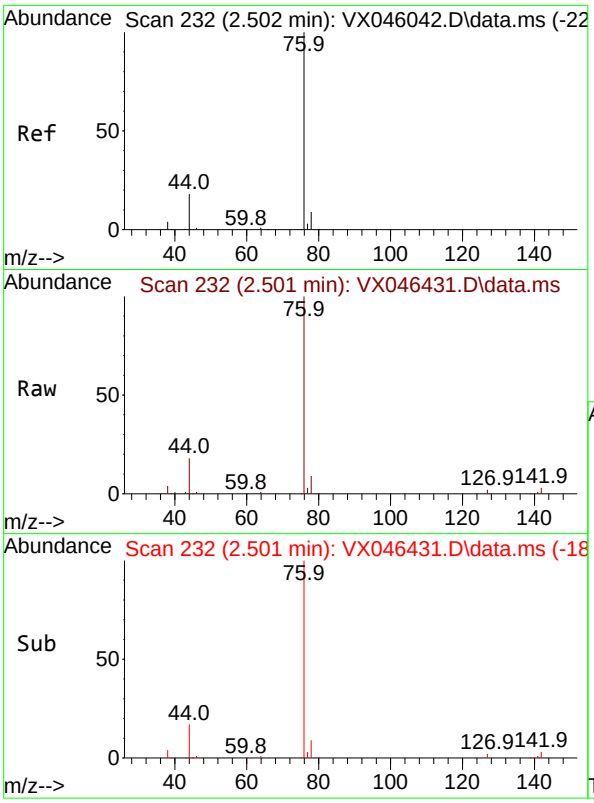


#16
Acetone
Concen: 285.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 158115

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8





#17
Carbon Disulfide
Concen: 38.590 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

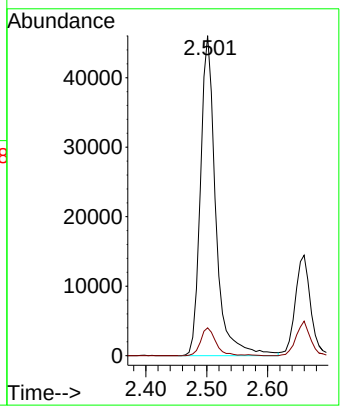
Tgt Ion: 76 Resp: 8040

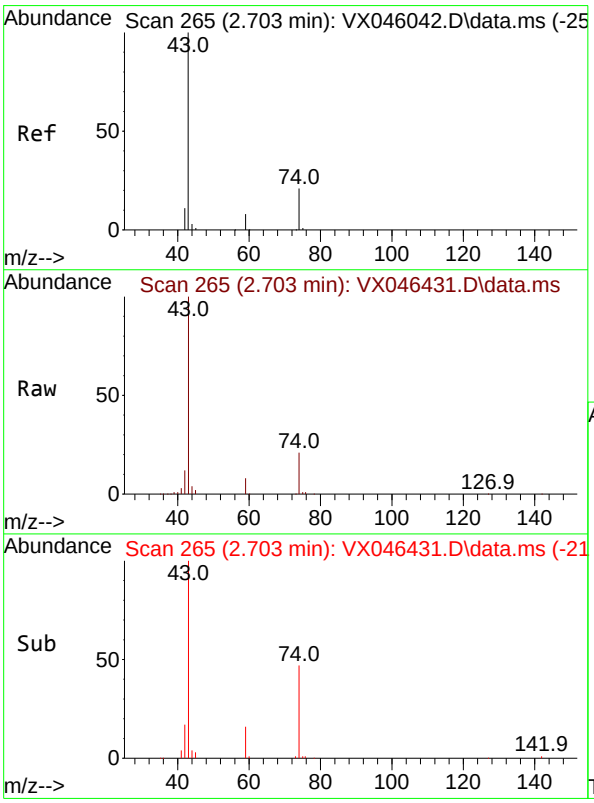
Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

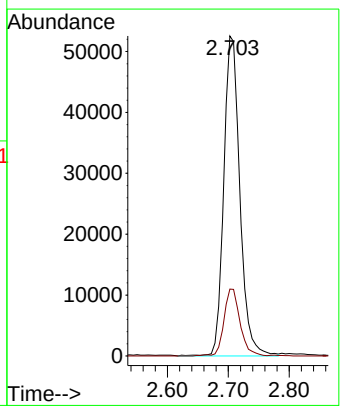


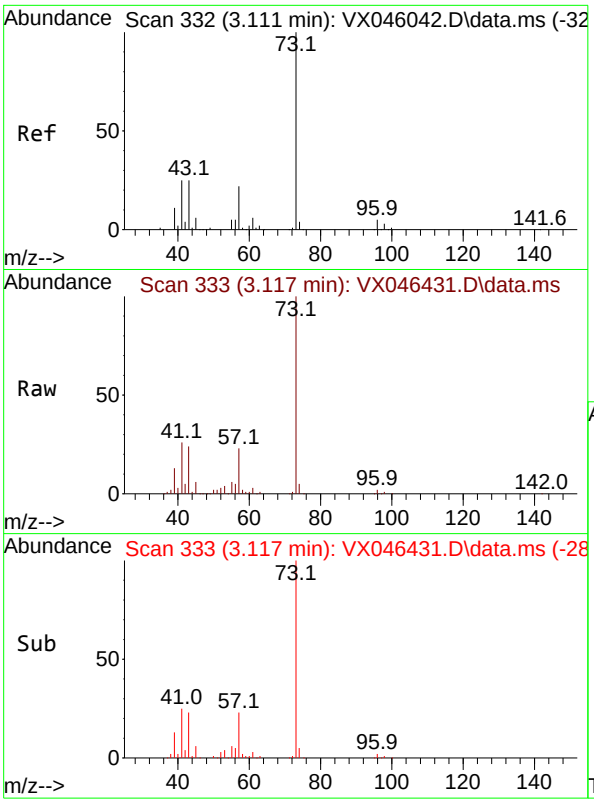


#18
Methyl Acetate
Concen: 75.091 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 96536

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1

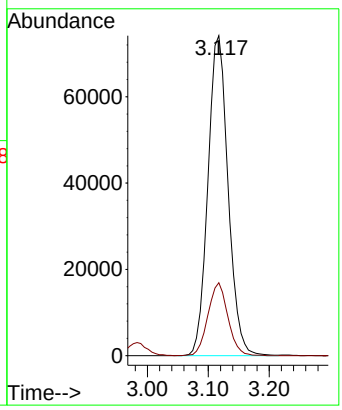




#19
Methyl tert-butyl Ether
Concen: 55.398 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 73 Resp: 17068

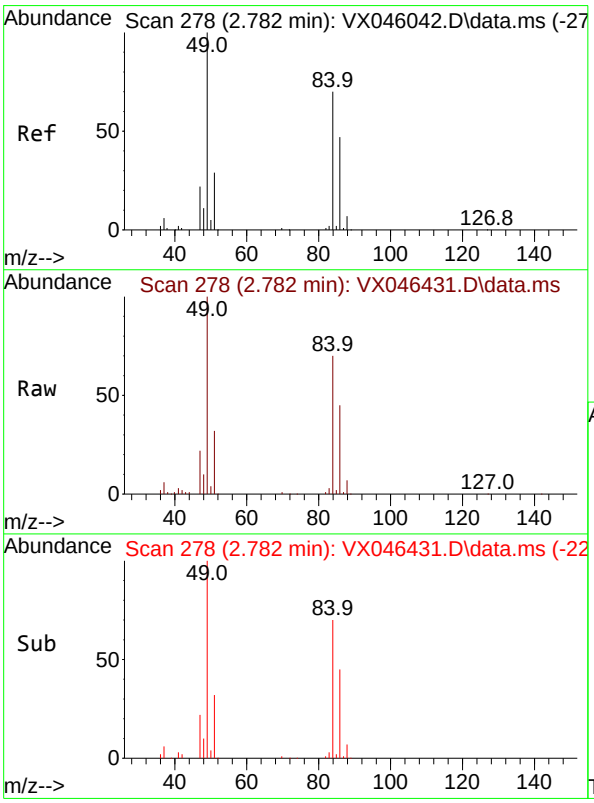
Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

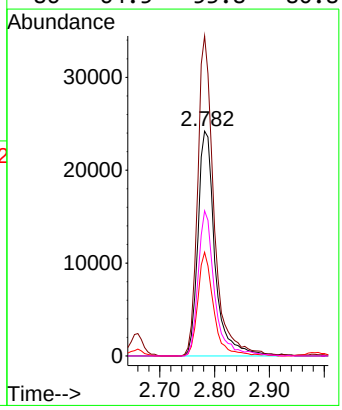
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

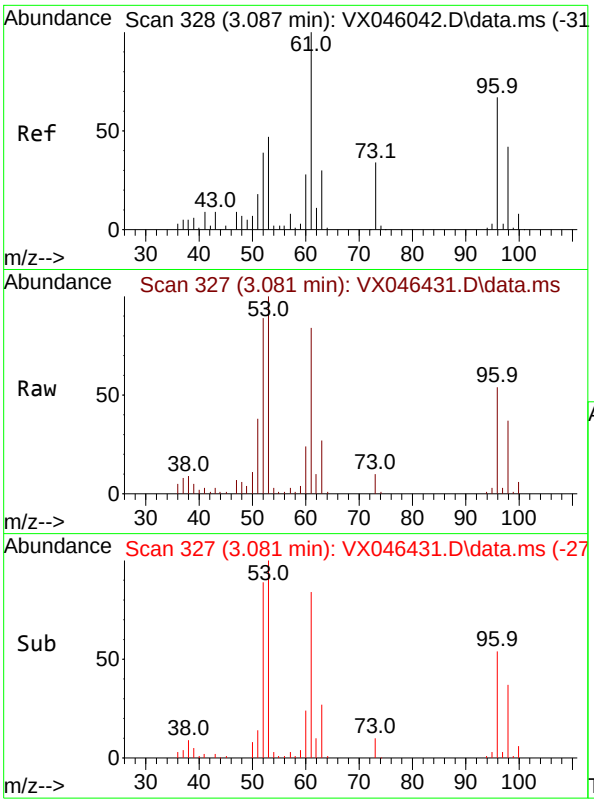


#20
Methylene Chloride
Concen: 49.194 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 84 Resp: 52227

Ion	Ratio	Lower	Upper
84	100		
49	142.3	113.9	170.9
51	46.1	33.5	50.3
86	64.5	53.8	80.8

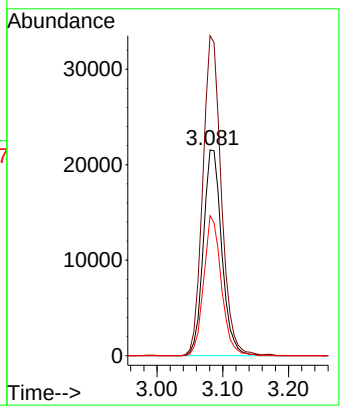




#21
trans-1,2-Dichloroethene
Concen: 47.561 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 96 Resp: 4203

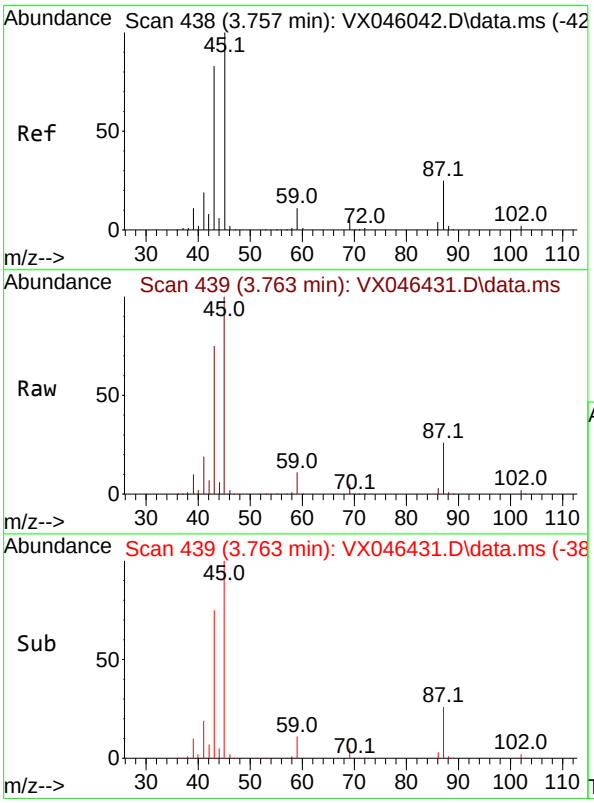
Ion	Ratio	Lower	Upper
96	100		
61	155.6	119.5	179.3
98	68.1	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

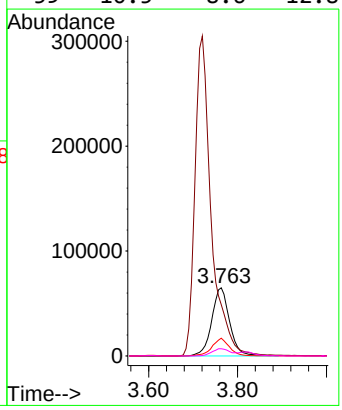
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

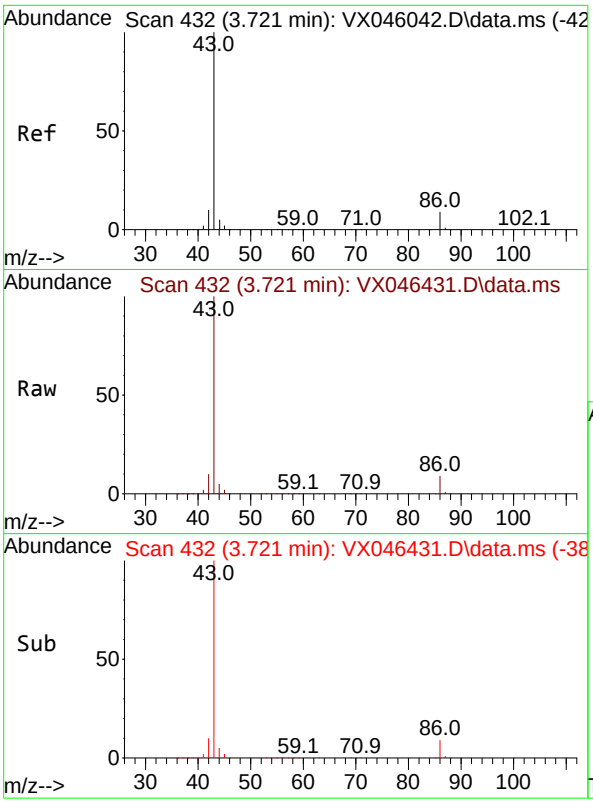


#22
Diisopropyl ether
Concen: 55.717 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 45 Resp: 180764

Ion	Ratio	Lower	Upper
45	100		
43	75.4	66.6	100.0
87	26.2	19.8	29.6
59	10.5	8.6	12.8

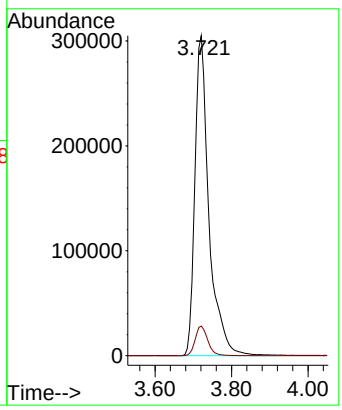




#23
Vinyl Acetate
Concen: 272.581 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 77780

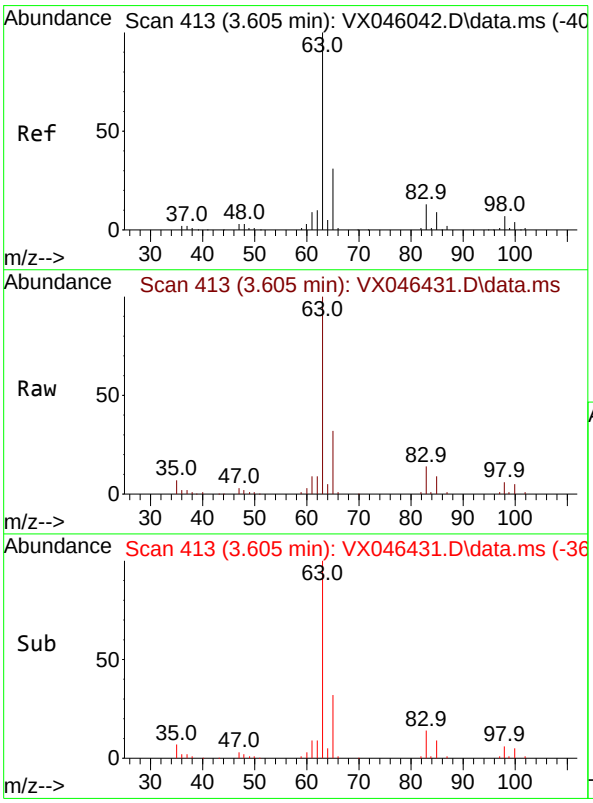
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

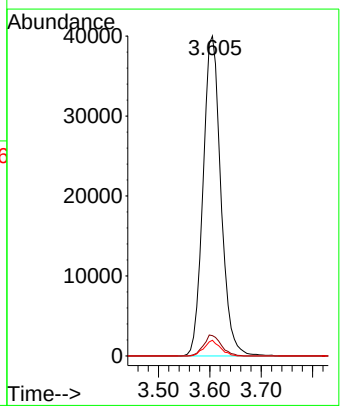
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

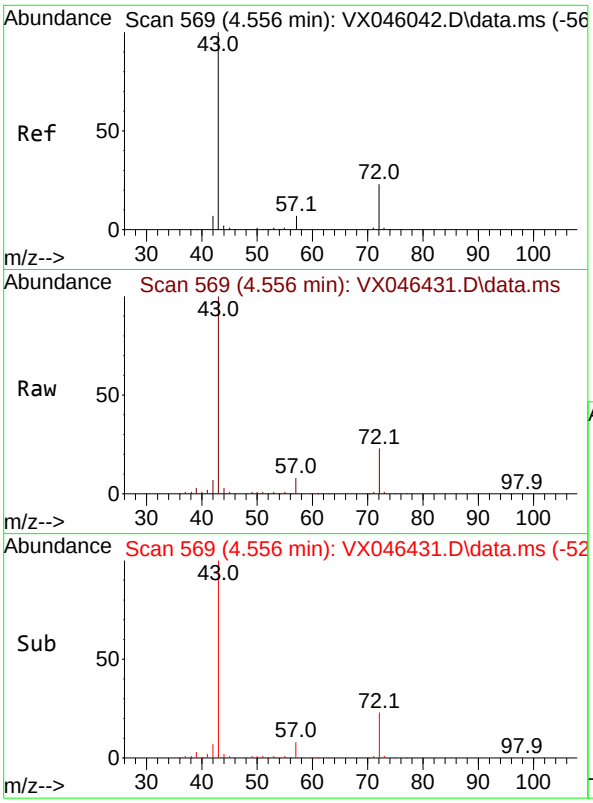


#24
1,1-Dichloroethane
Concen: 53.212 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 63 Resp: 96154

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.6	10.8
100	4.9	2.1	6.3





#25
2-Butanone
Concen: 304.288 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

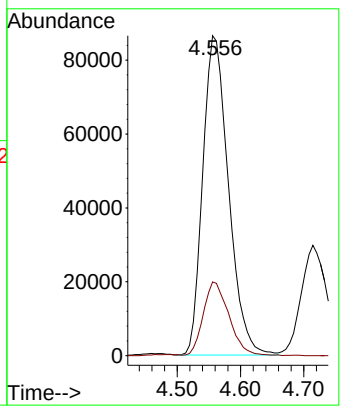
Tgt Ion: 43 Resp: 24473

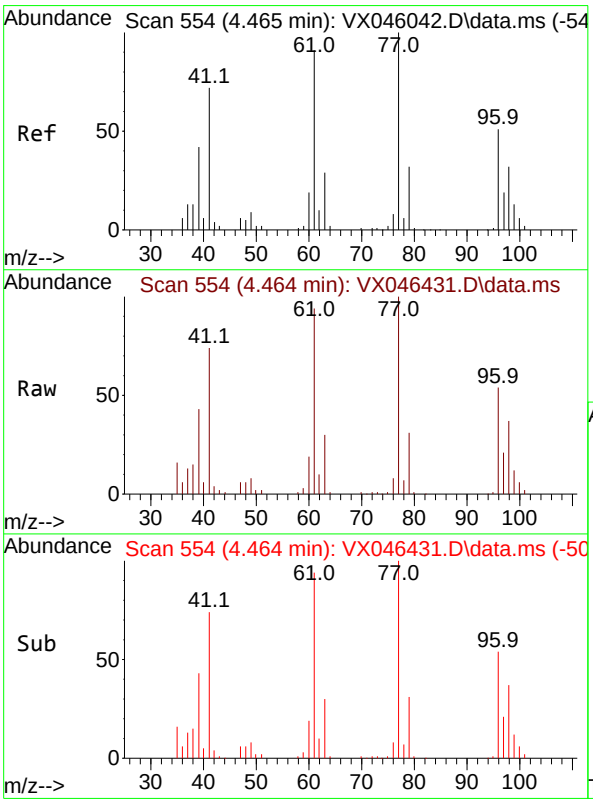
Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

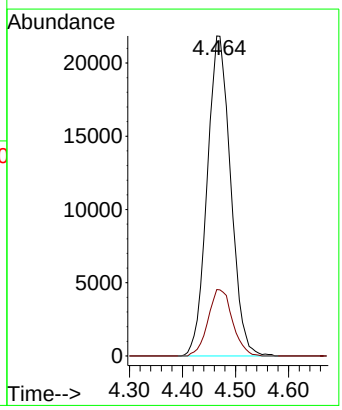


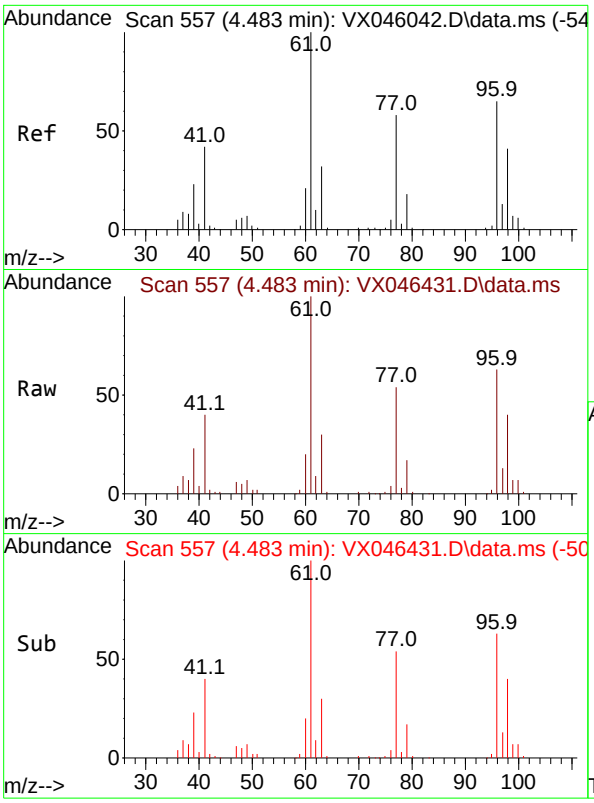


#26
2,2-Dichloropropane
Concen: 47.489 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 77 Resp: 67166

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5

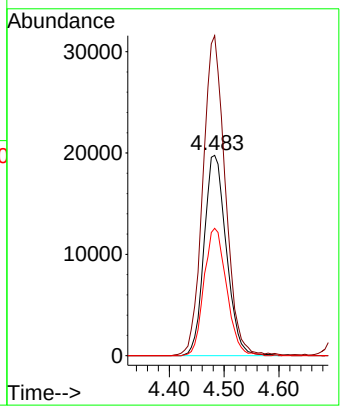




#27
cis-1,2-Dichloroethene
Concen: 52.367 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 96 Resp: 5571

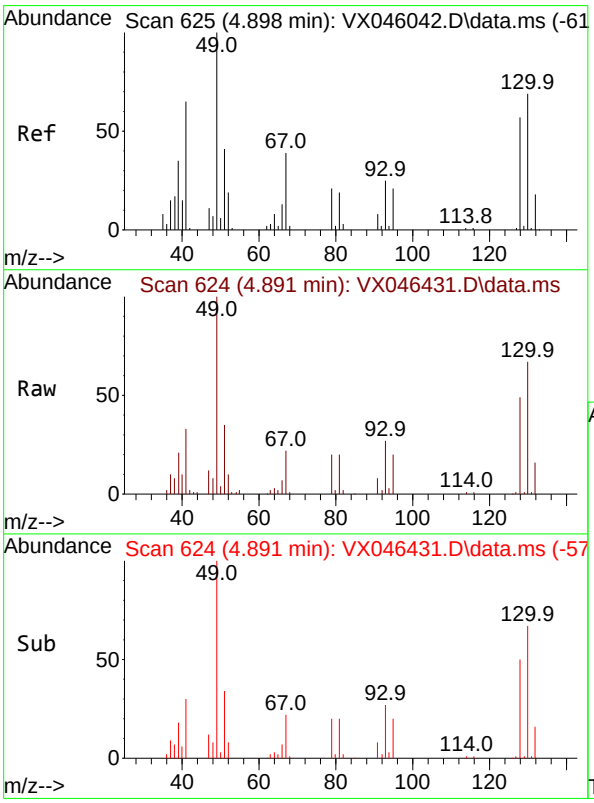
Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	322.8
98	64.3	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

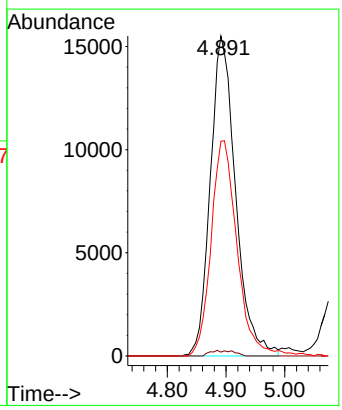
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

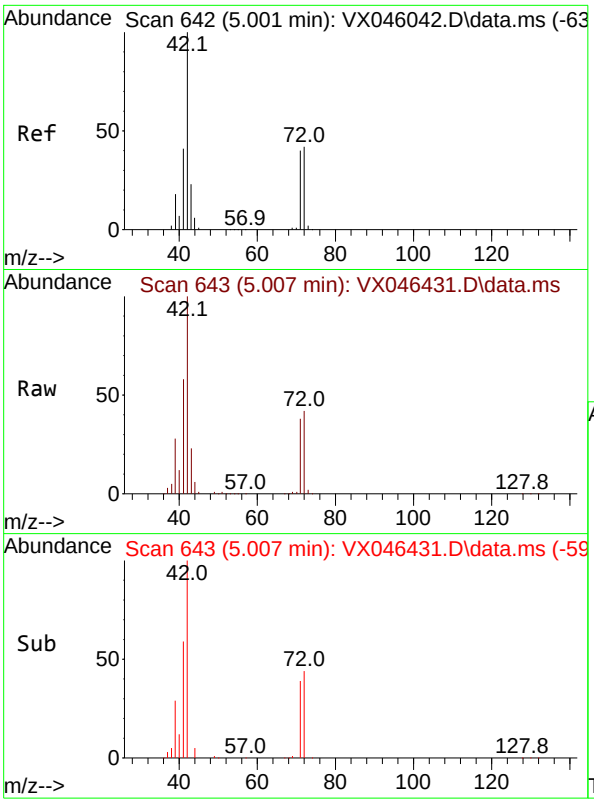


#28
Bromochloromethane
Concen: 53.277 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 49 Resp: 46340

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	69.1	56.2	84.2





#29
Tetrahydrofuran
Concen: 301.498 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

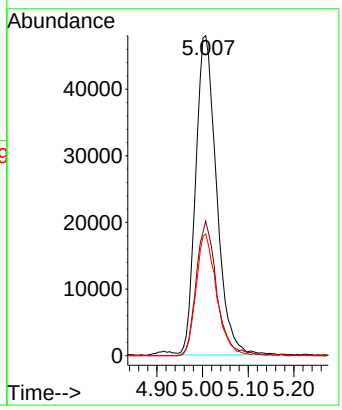
Tgt Ion: 42 Resp: 15195

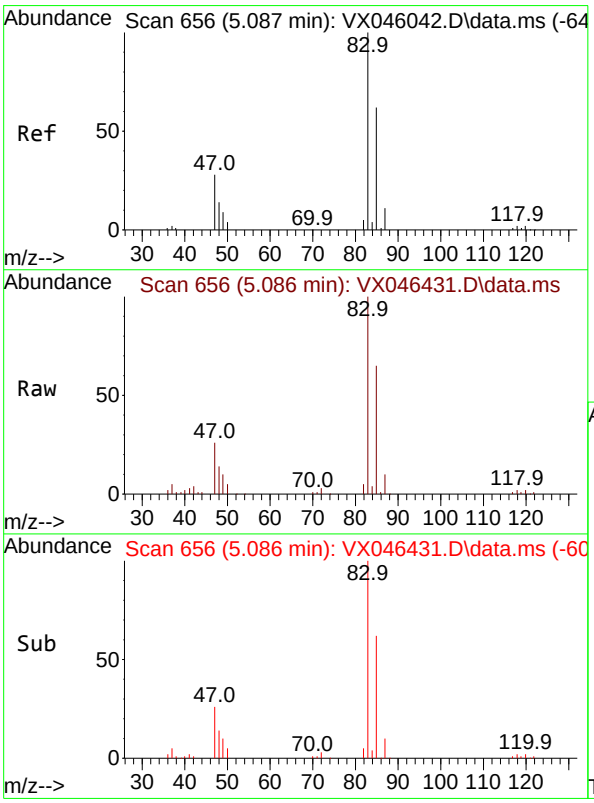
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	37.3	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

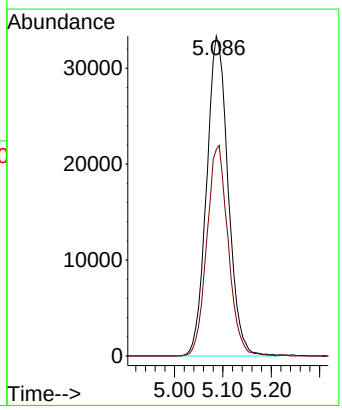


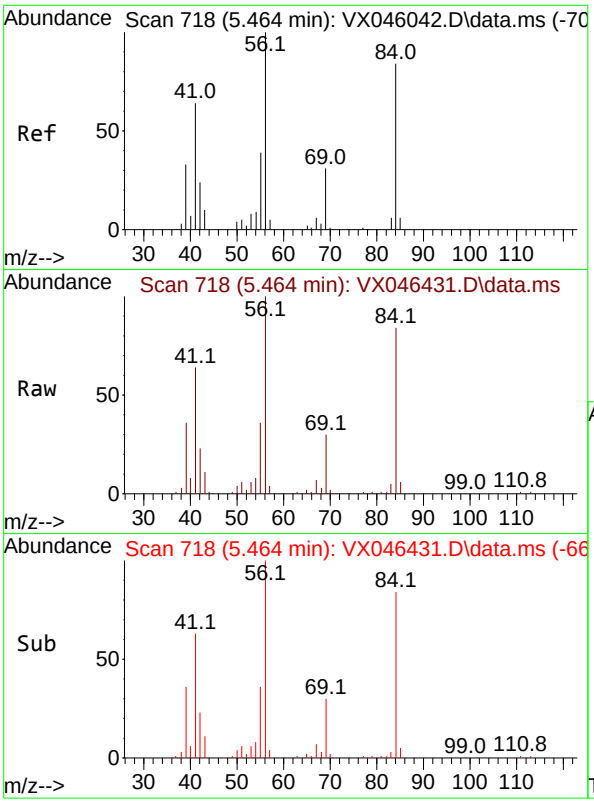


#30
Chloroform
Concen: 54.718 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 103059

Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.3	73.9

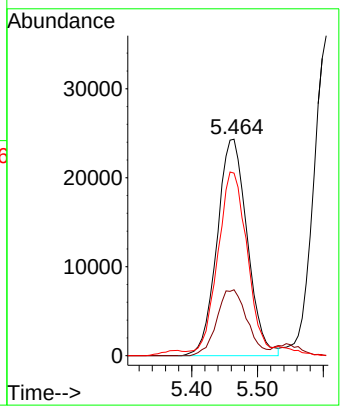




#31
Cyclohexane
Concen: 47.127 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 56 Resp: 7760

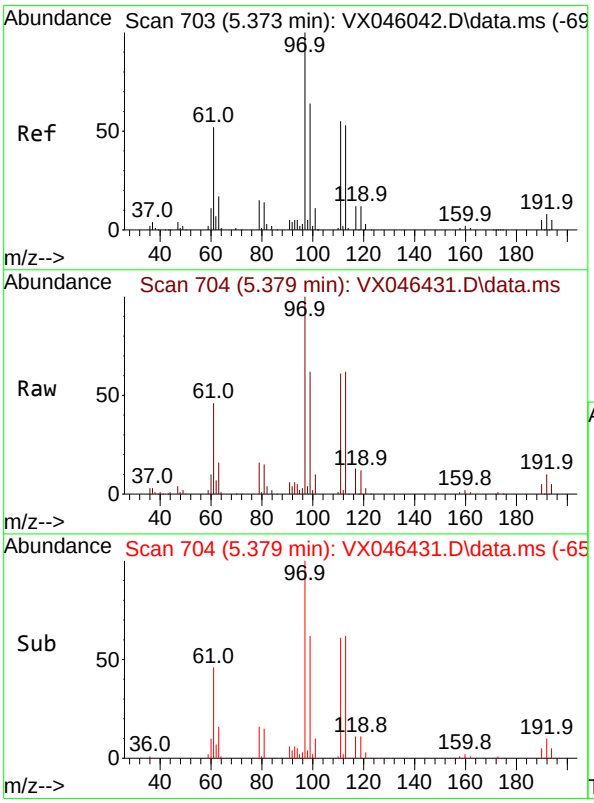
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	81.9	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

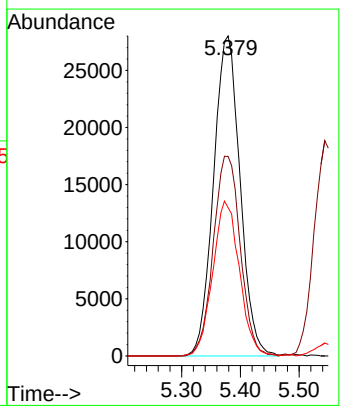
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

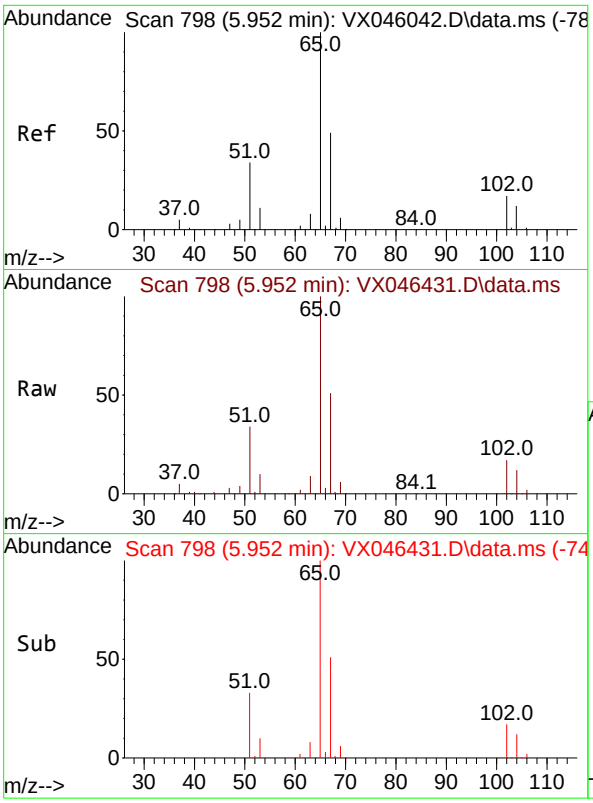


#32
1,1,1-Trichloroethane
Concen: 53.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 97 Resp: 87897

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	48.7	40.1	60.1

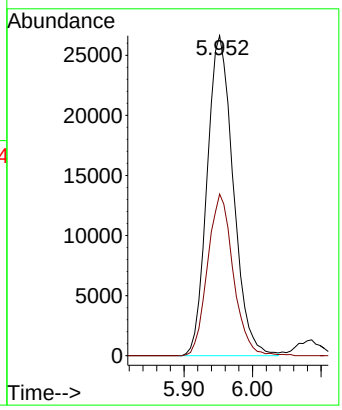




#33
1,2-Dichloroethane-d4
Concen: 51.122 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 65 Resp: 7063

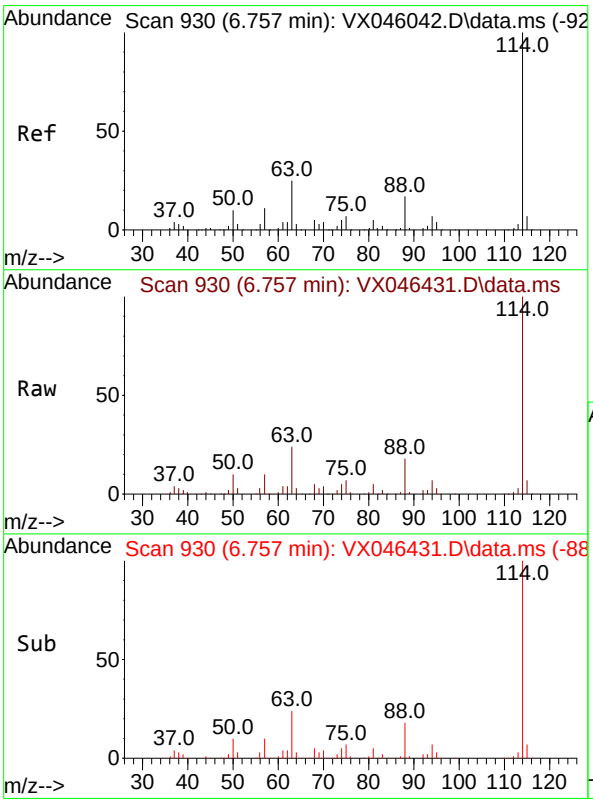
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

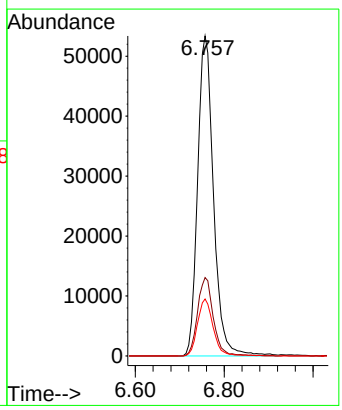
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

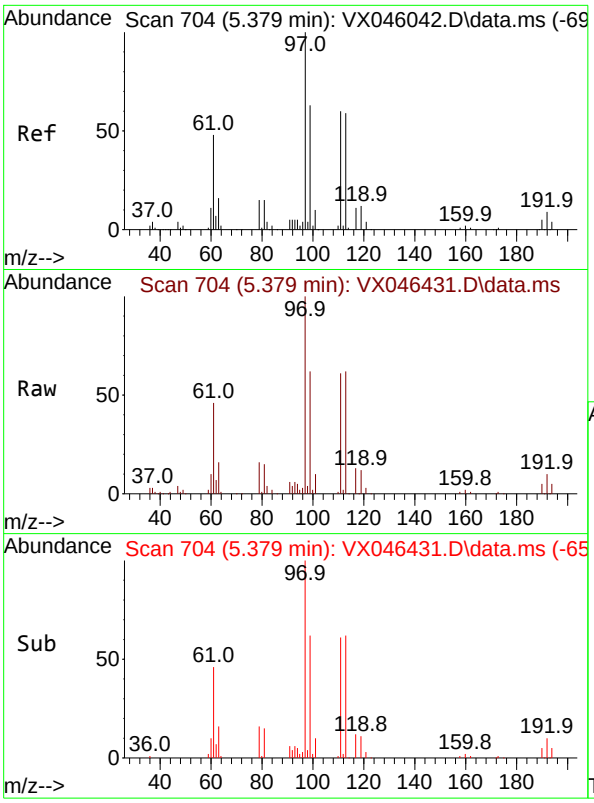


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:114 Resp: 133003

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	17.8	0.0	33.6

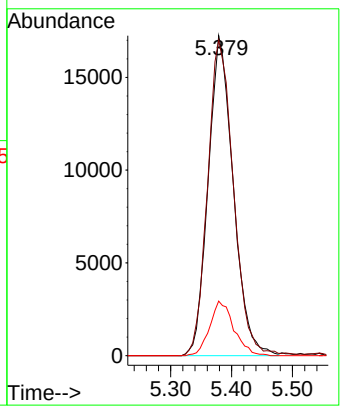




#35
Dibromofluoromethane
Concen: 51.372 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:113 Resp: 4920

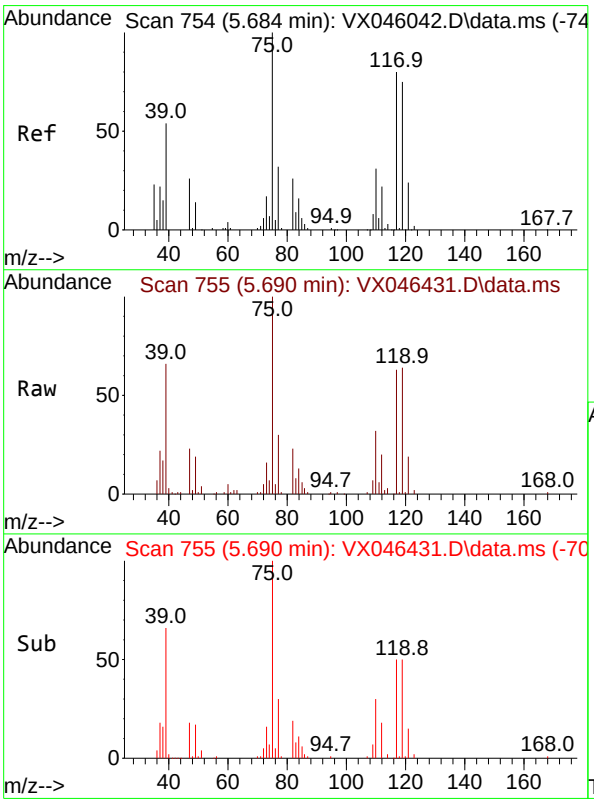
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	16.5	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

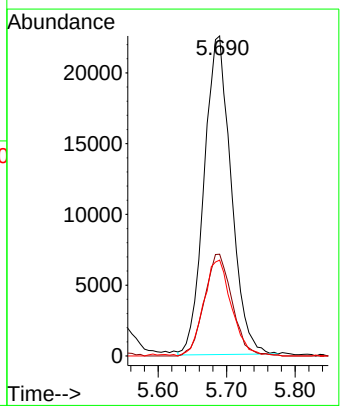
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

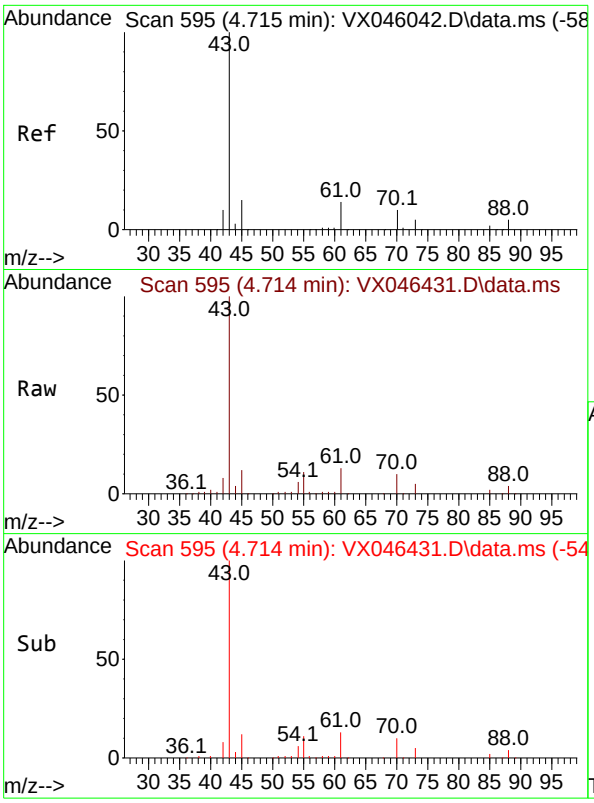


#36
1,1-Dichloropropene
Concen: 47.863 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 61592

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	31.3	24.3	36.5

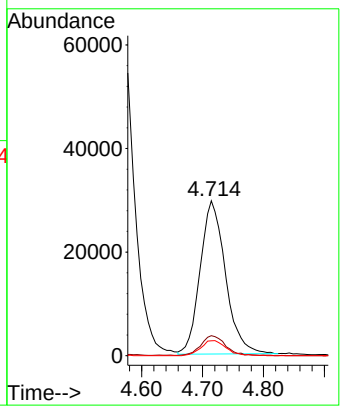




#37
Ethyl Acetate
Concen: 53.781 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 8550

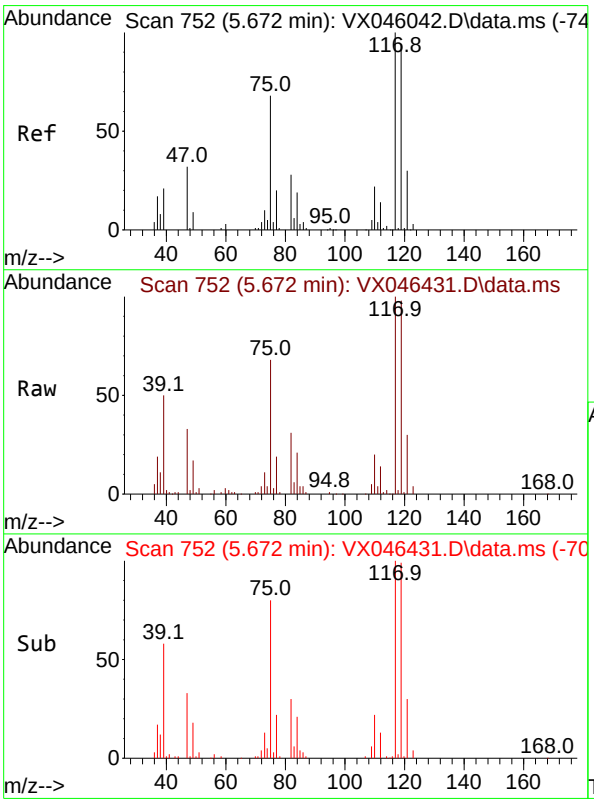
Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.3	15.5
70	9.8	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

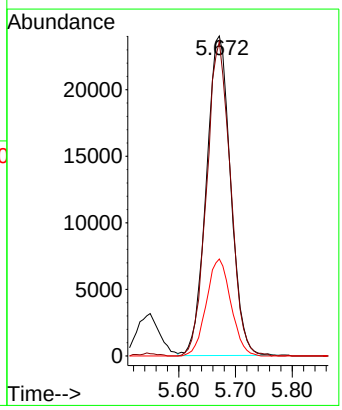
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

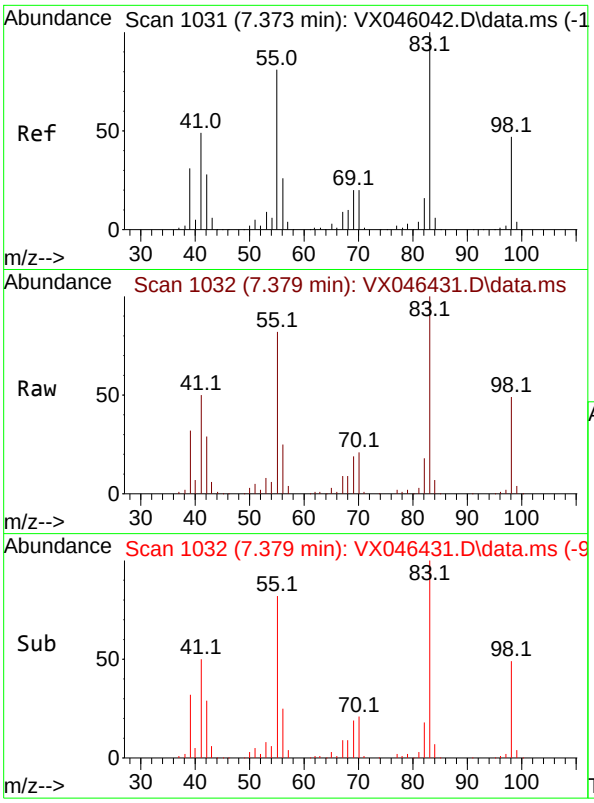


#38
Carbon Tetrachloride
Concen: 49.348 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:117 Resp: 71351

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.2	112.8
121	30.4	24.2	36.4

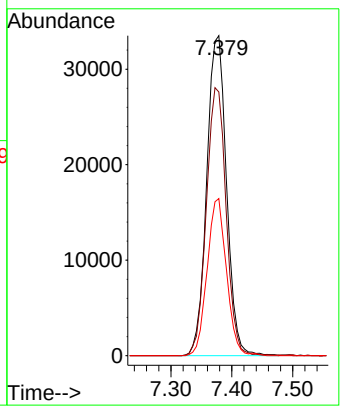




#39
Methylcyclohexane
Concen: 45.703 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 7571

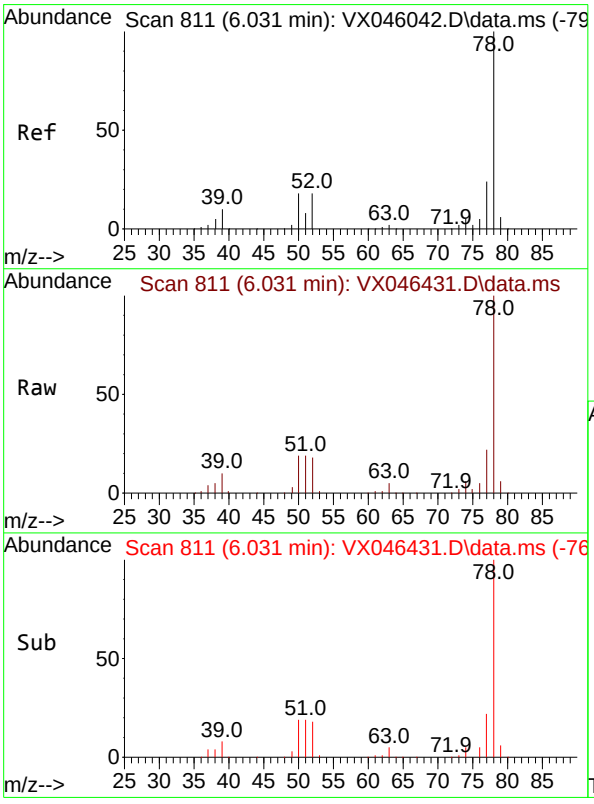
Ion	Ratio	Lower	Upper
83	100		
55	82.4	64.7	97.1
98	49.1	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

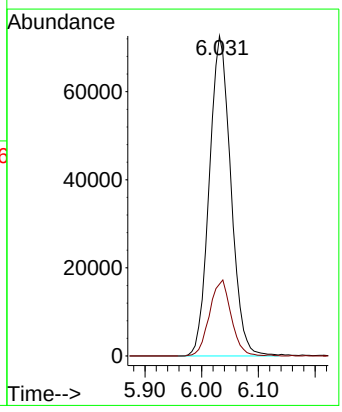
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

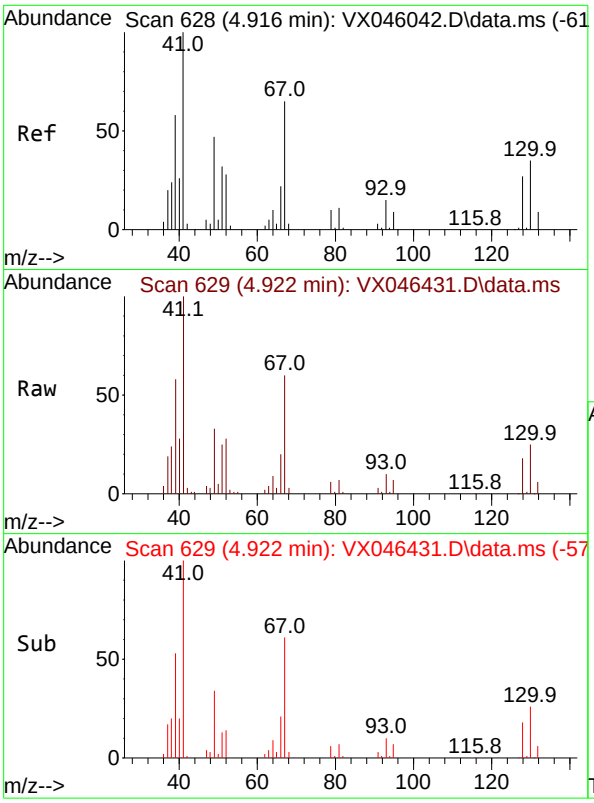


#40
Benzene
Concen: 50.909 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 78 Resp: 191891

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4

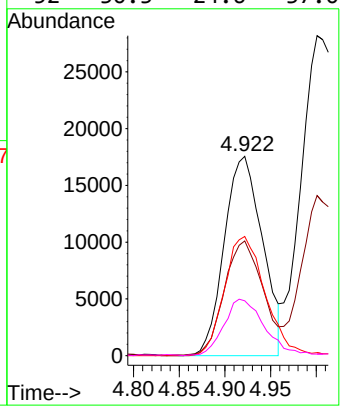




#41
Methacrylonitrile
Concen: 61.498 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 5114

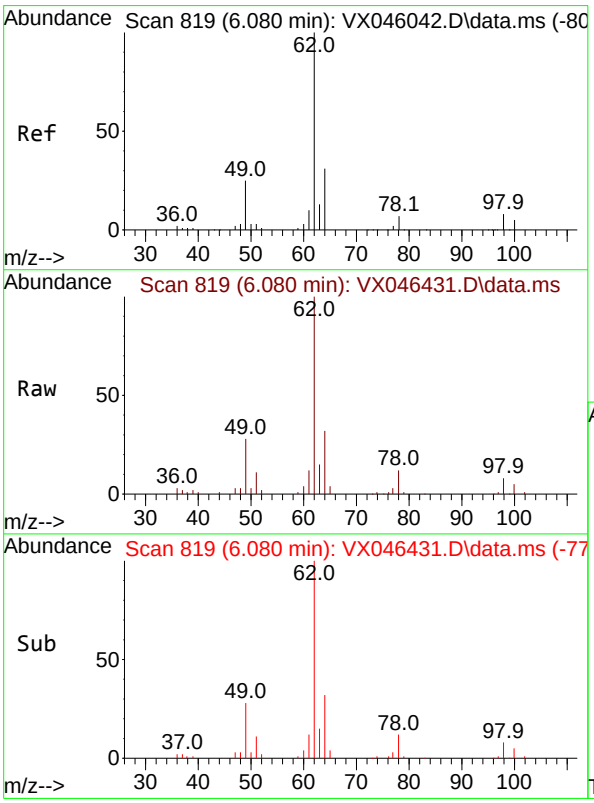
Ion	Ratio	Lower	Upper
41	100		
39	58.1	47.2	70.8
67	64.5	50.7	76.1
52	30.3	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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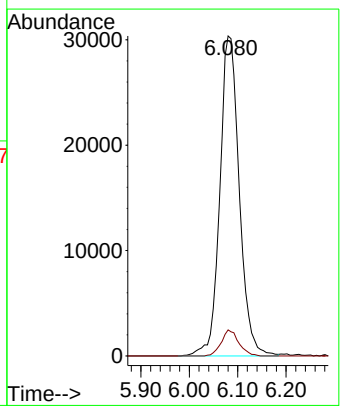
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

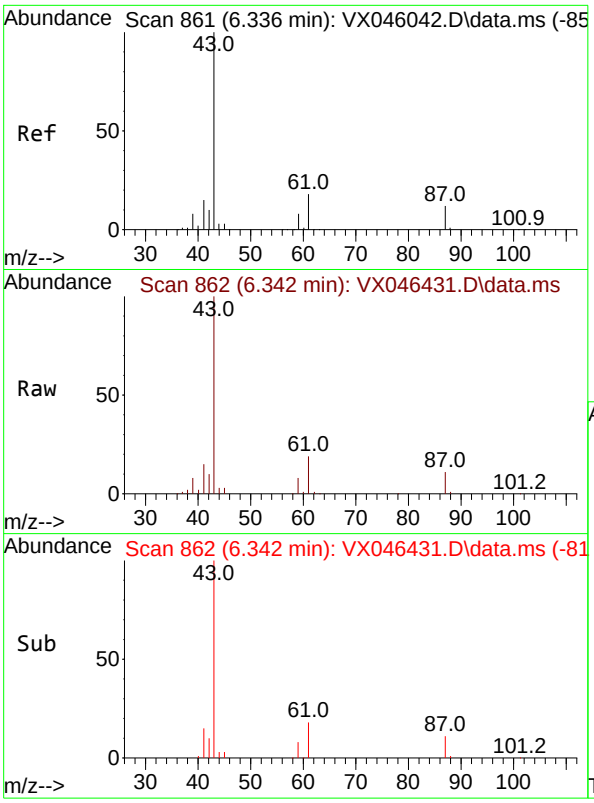


#42
1,2-Dichloroethane
Concen: 52.168 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 62 Resp: 84867

Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.2





#43
Isopropyl Acetate
Concen: 57.828 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

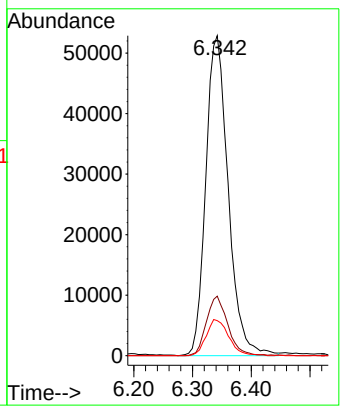
Tgt Ion: 43 Resp: 14026

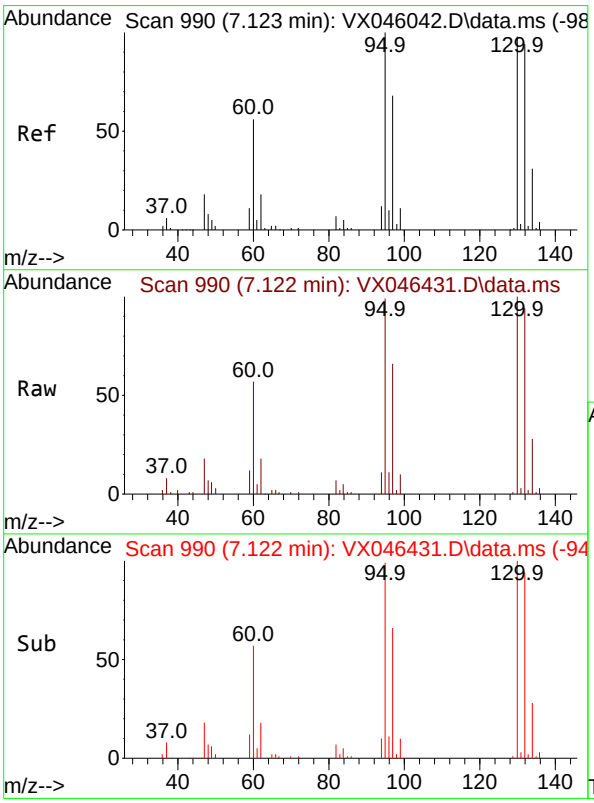
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.3	9.5	14.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

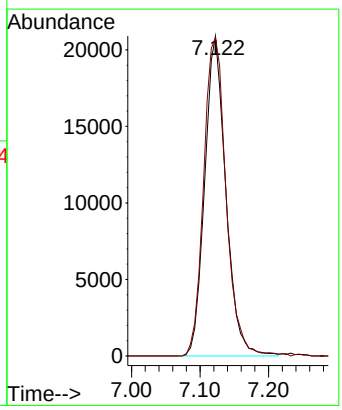


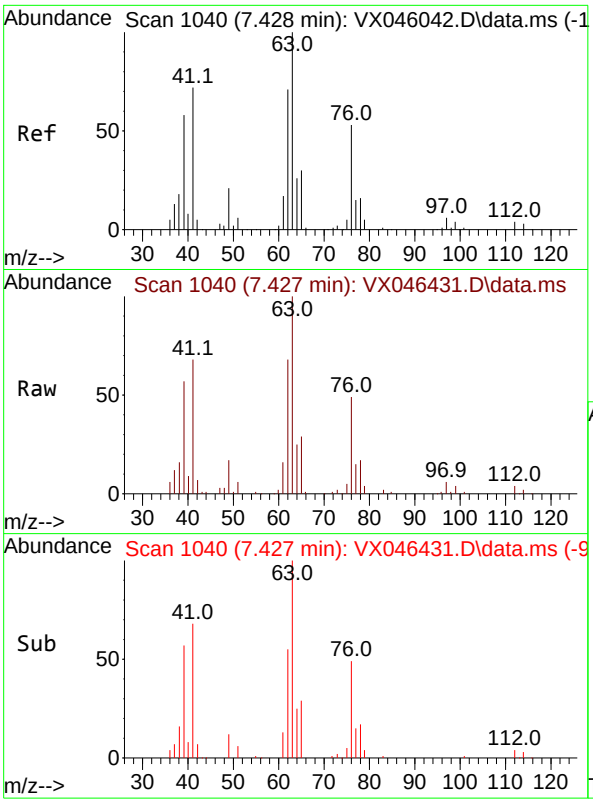


#44
Trichloroethene
Concen: 49.514 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:130 Resp: 44919

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	204.2





#45
1,2-Dichloropropane
Concen: 55.357 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

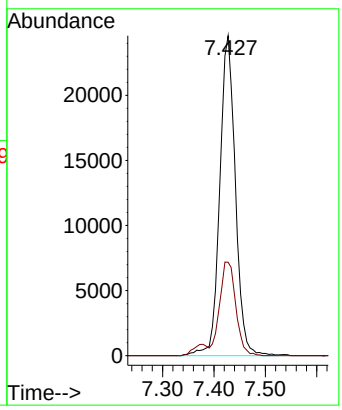
Tgt Ion: 63 Resp: 5188

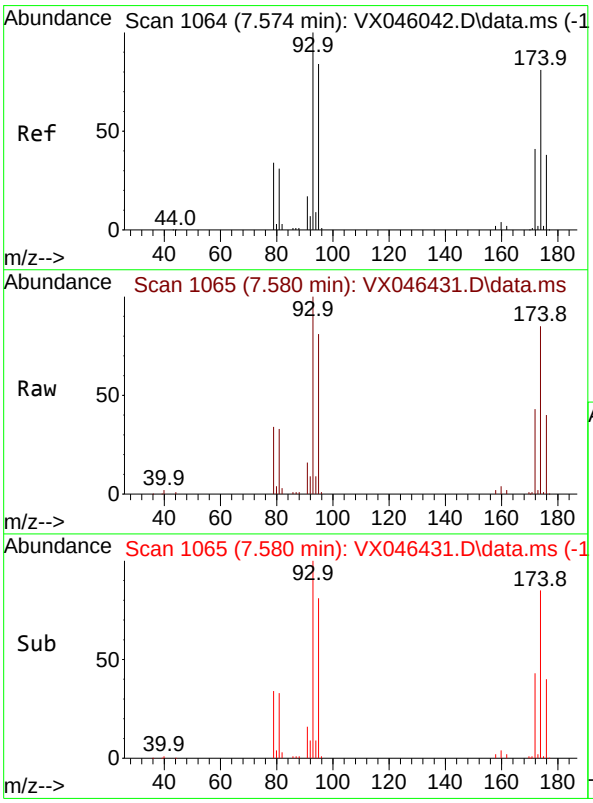
Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.1	36.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

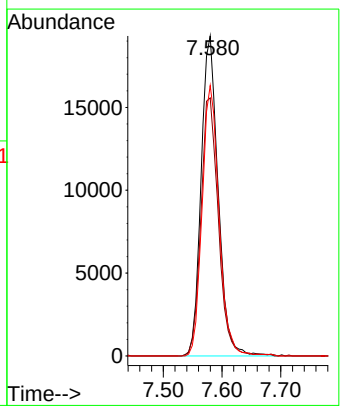


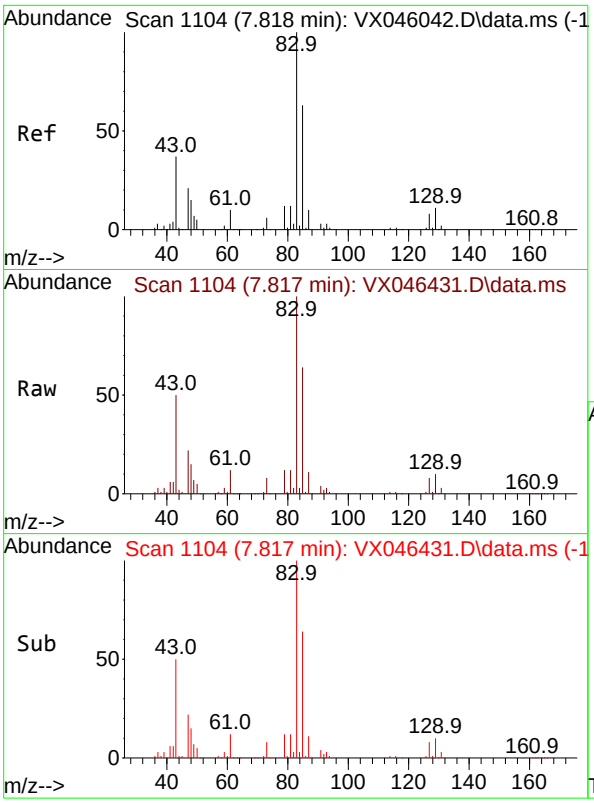


#46
Dibromomethane
Concen: 52.619 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 93 Resp: 38897

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	84.2	68.2	102.2

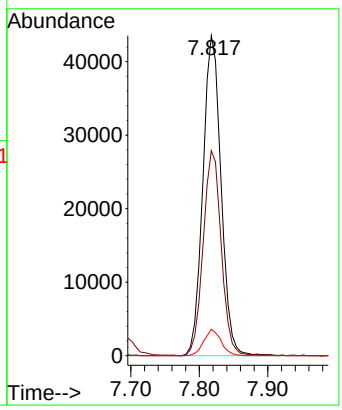




#47
Bromodichloromethane
Concen: 55.161 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 8031

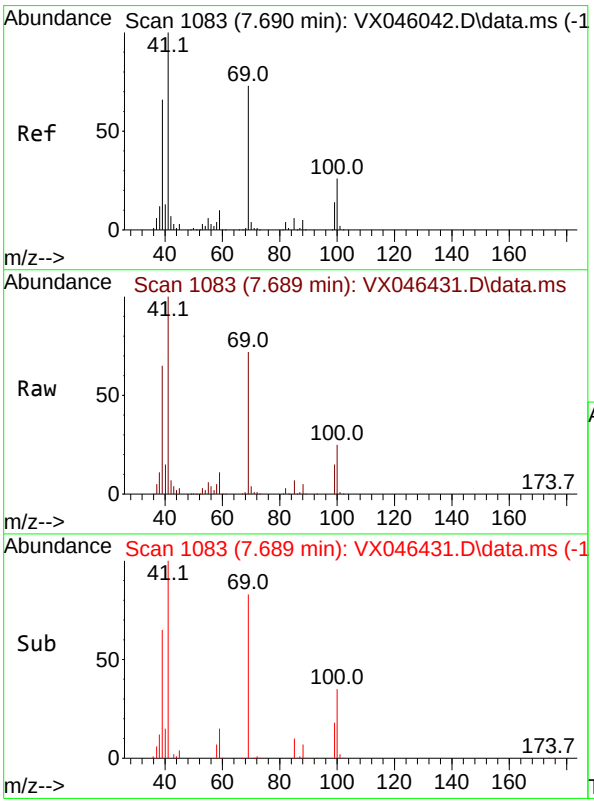
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.3	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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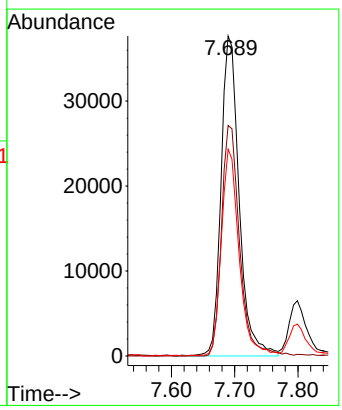
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

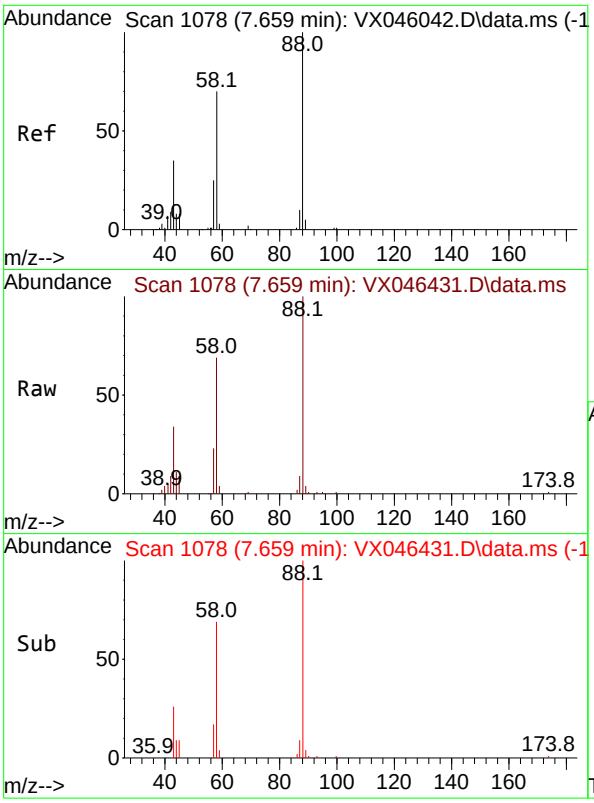


#48
Methyl methacrylate
Concen: 60.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 74586

Ion	Ratio	Lower	Upper
41	100		
69	72.2	58.5	87.7
39	63.8	51.7	77.5





#49
1,4-Dioxane
Concen: 1171.433 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

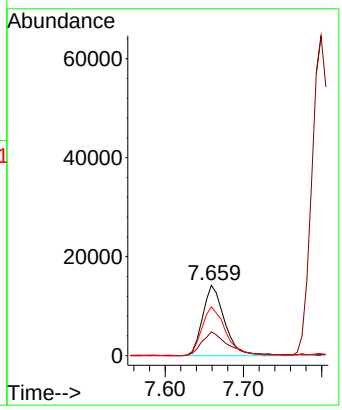
Tgt Ion: 88 Resp: 2755

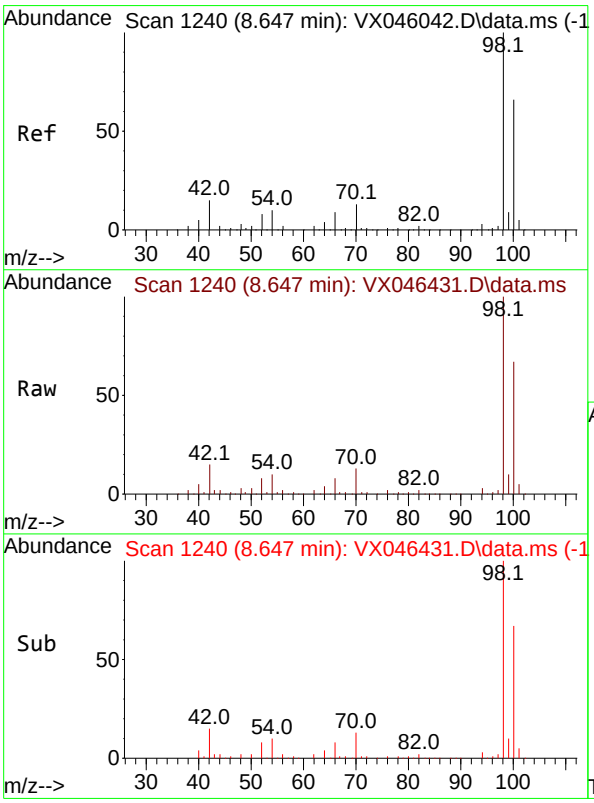
Ion	Ratio	Lower	Upper
88	100		
43	41.3	33.4	50.2
58	74.6	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

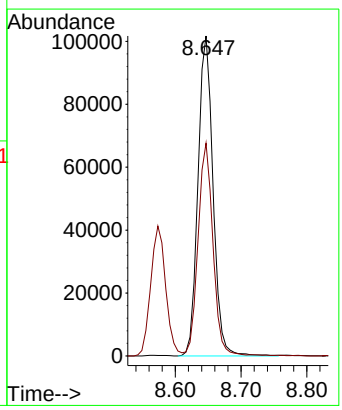


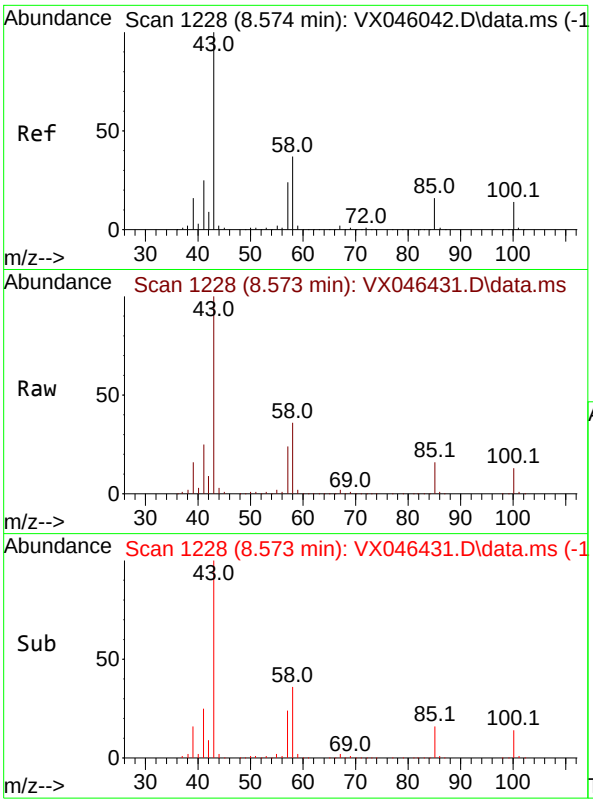


#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 98 Resp: 162192

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3

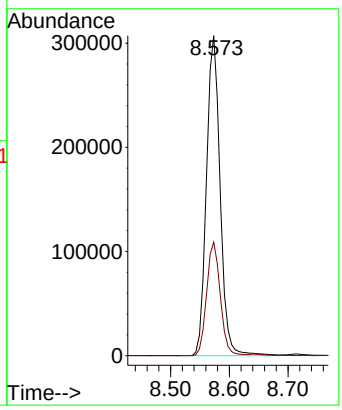




#51
4-Methyl-2-Pentanone
Concen: 308.632 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 49689

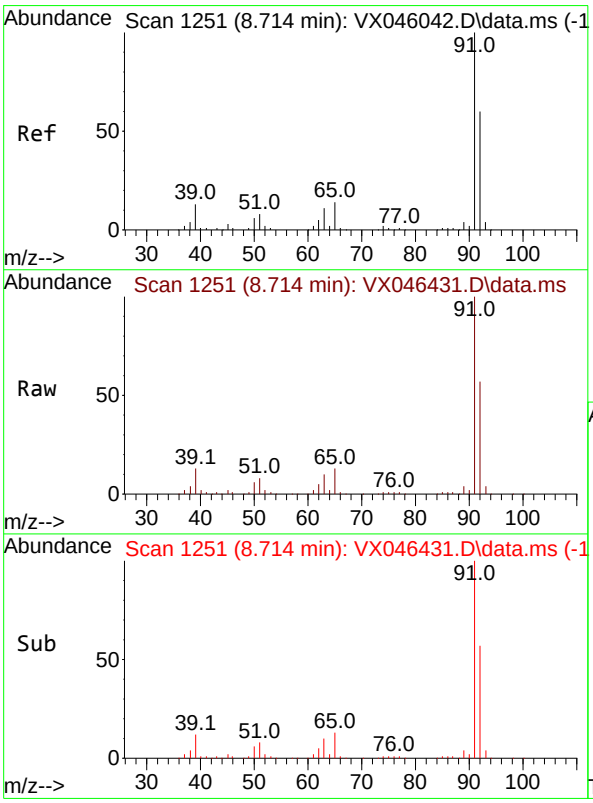
Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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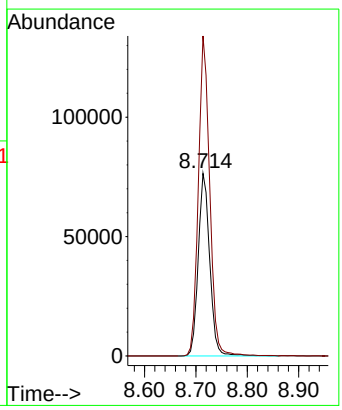
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

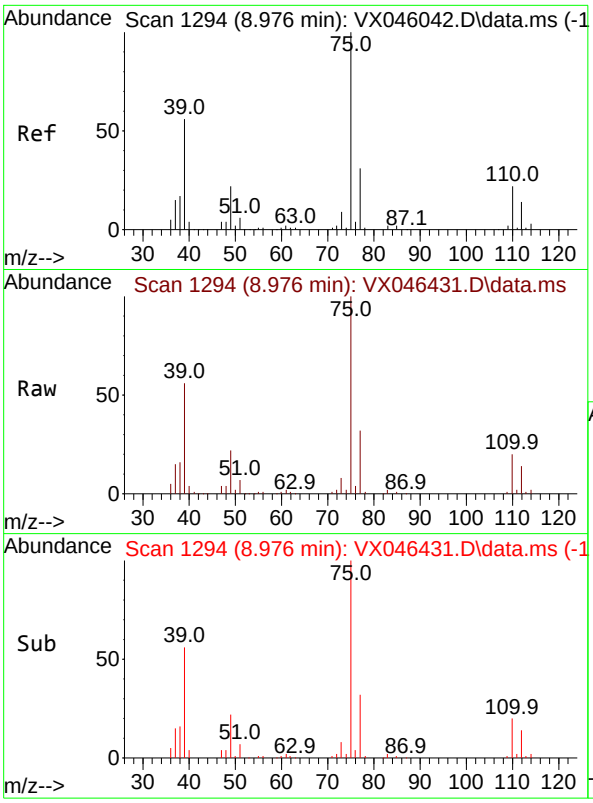


#52
Toluene
Concen: 51.305 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 92 Resp: 118579

Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.6	205.0

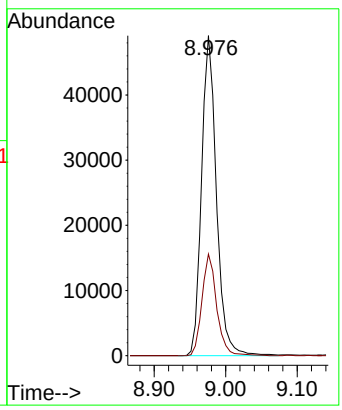




#53
t-1,3-Dichloropropene
Concen: 54.879 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 7102

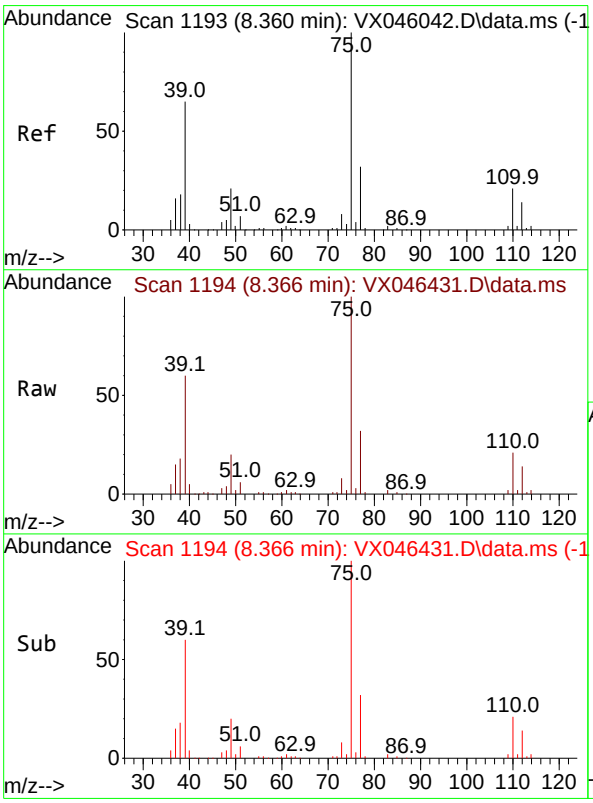
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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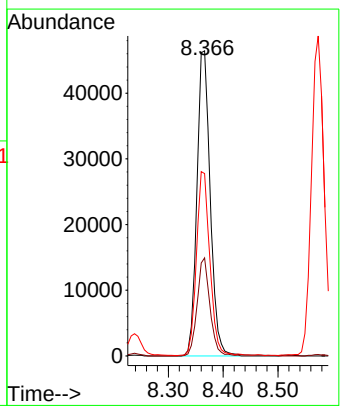
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

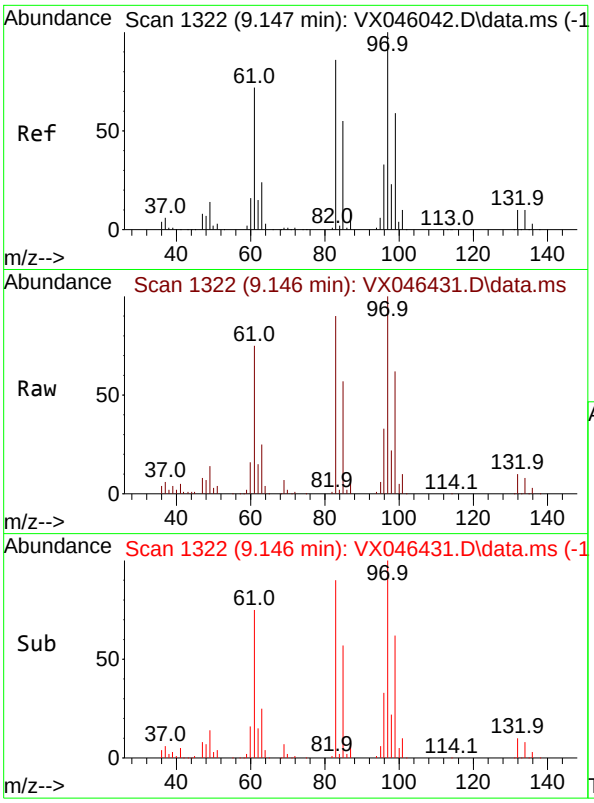


#54
cis-1,3-Dichloropropene
Concen: 55.188 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 78938

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	59.6	52.2	78.4

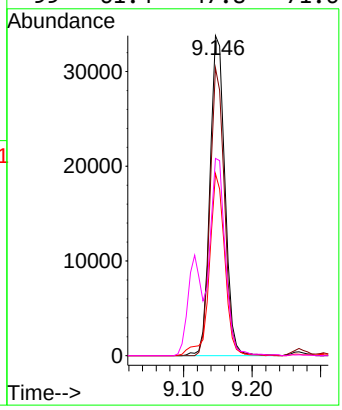




#55
1,1,2-Trichloroethane
Concen: 56.210 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 97 Resp: 5122

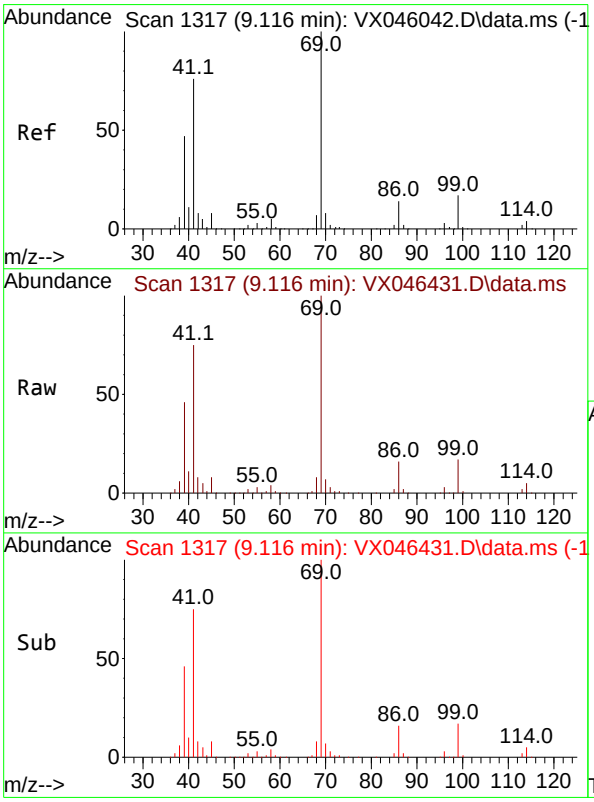
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.0	103.6
85	56.9	44.3	66.5
99	61.4	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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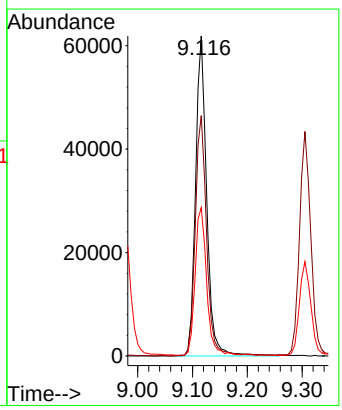
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

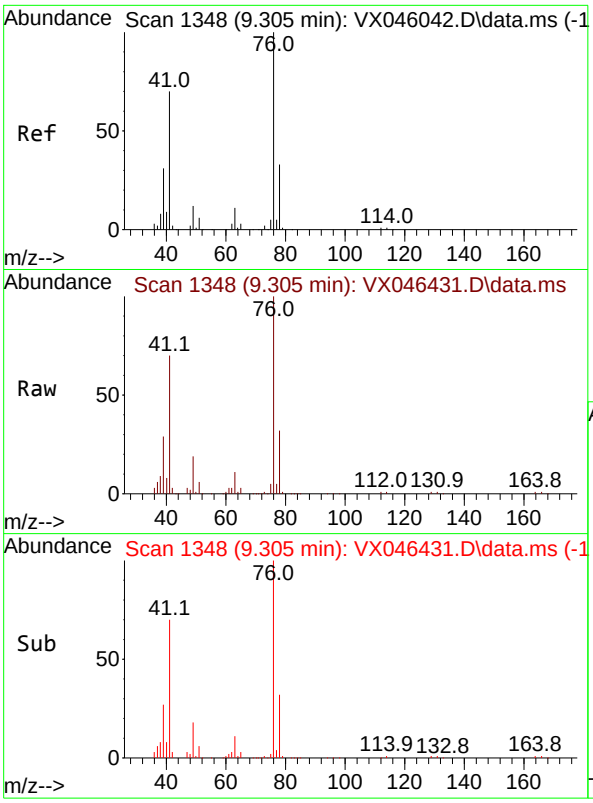


#56
Ethyl methacrylate
Concen: 60.299 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 69 Resp: 87584

Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	47.7	39.0	58.6





#57
1,3-Dichloropropane
Concen: 54.700 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

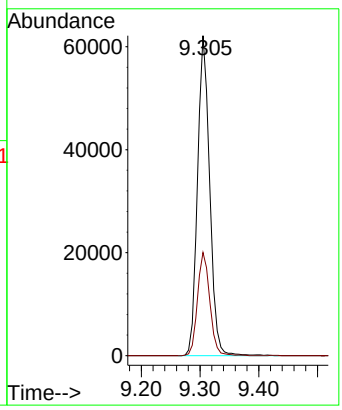
Tgt Ion: 76 Resp: 8952

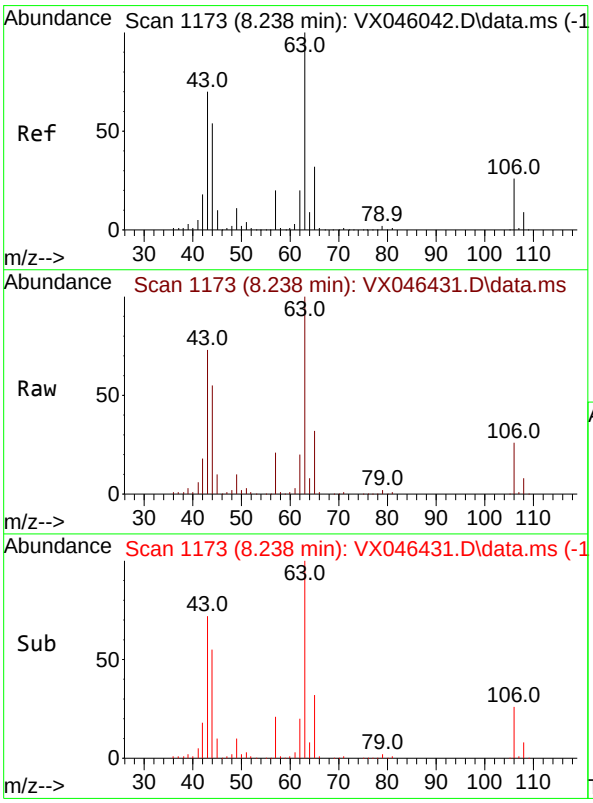
Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

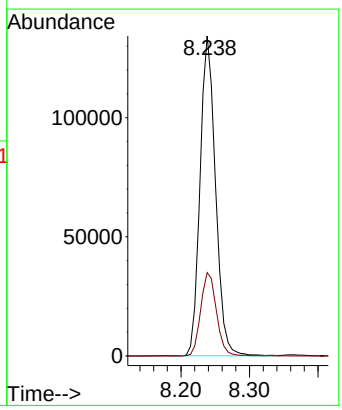


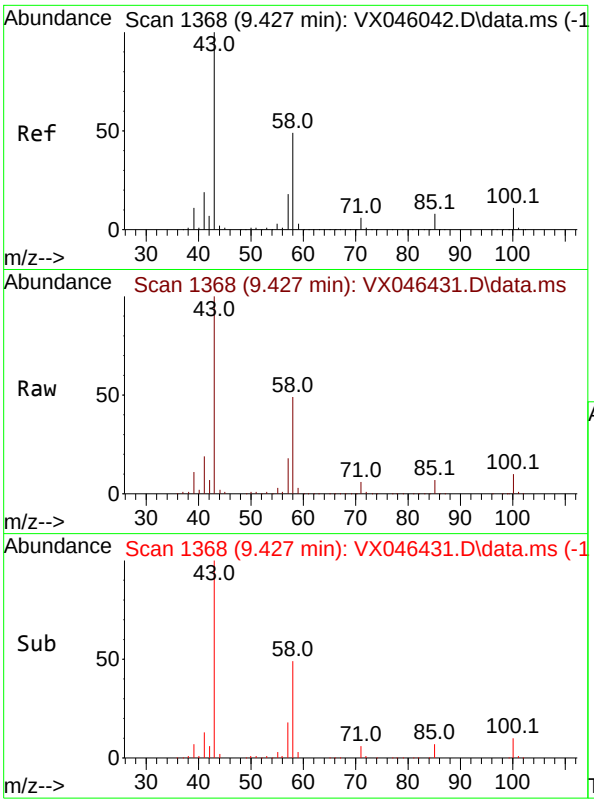


#58
2-Chloroethyl Vinyl ether
Concen: 285.245 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 63 Resp: 211224

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3





#59
2-Hexanone
Concen: 313.912 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

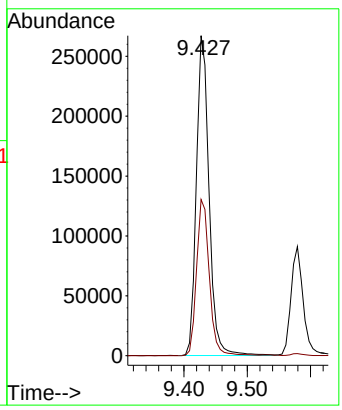
Tgt Ion: 43 Resp: 37391

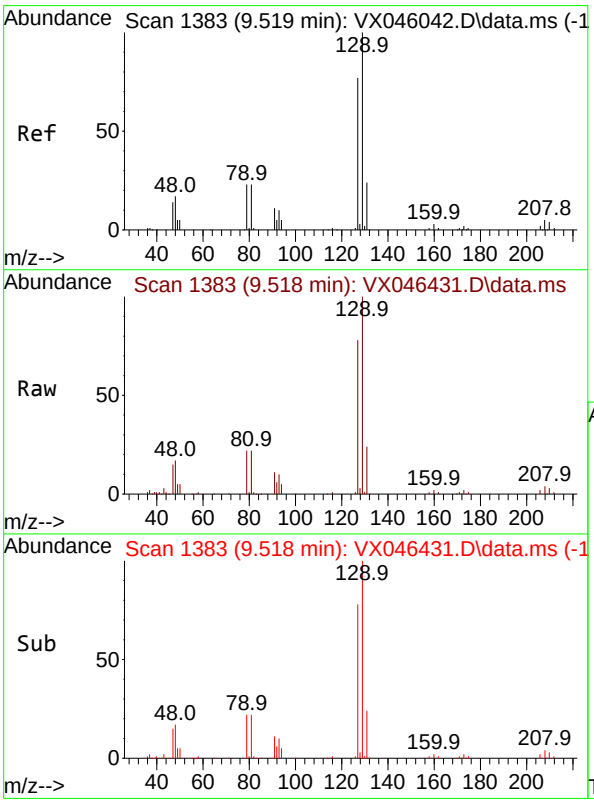
Ion	Ratio	Lower	Upper
43	100		
58	49.0	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

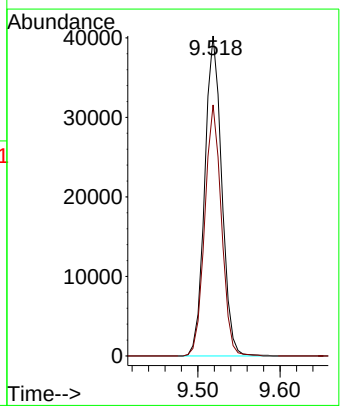


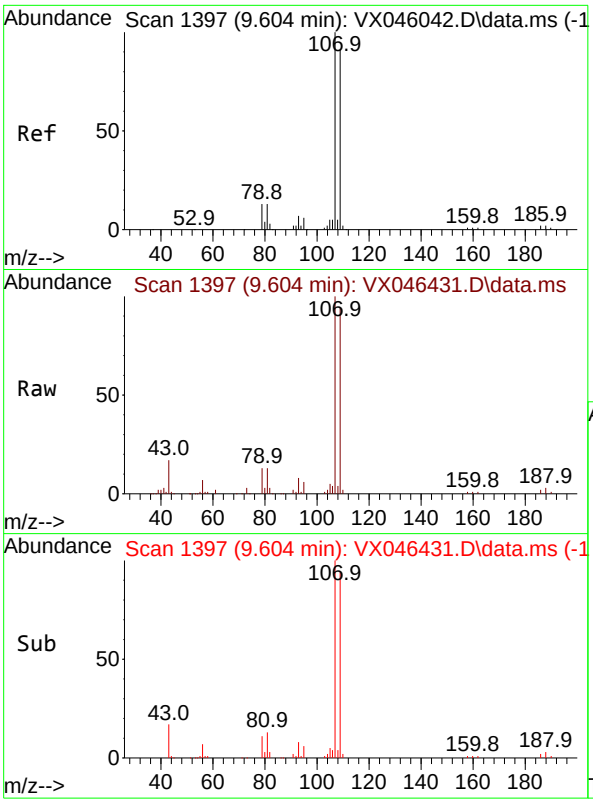


#60
Dibromochloromethane
Concen: 57.658 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:129 Resp: 57708

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.3	117.8





#61
1,2-Dibromoethane
Concen: 54.468 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

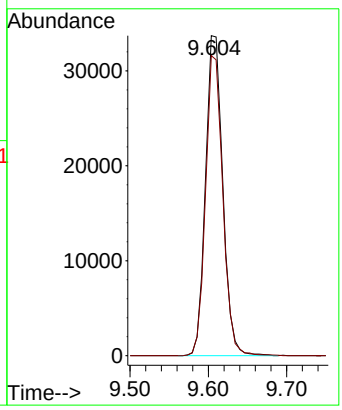
Tgt Ion:107 Resp: 5159

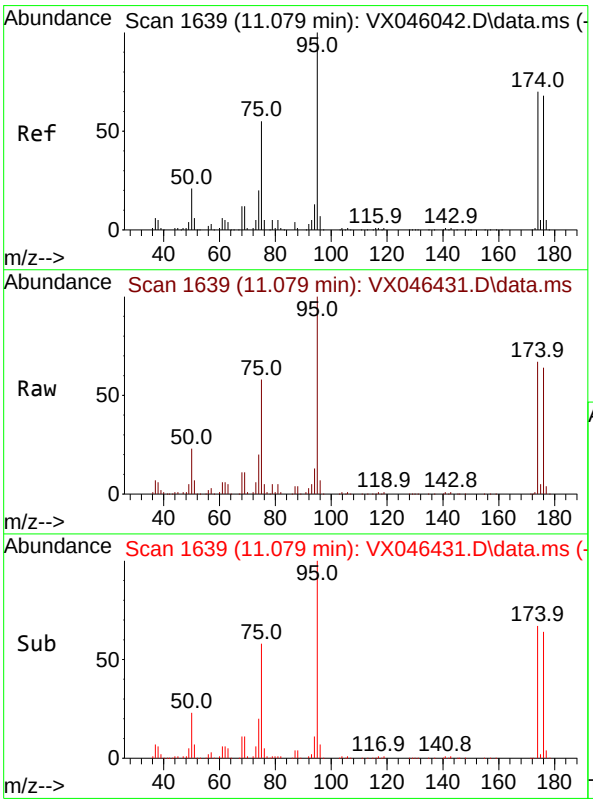
Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.3	109.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

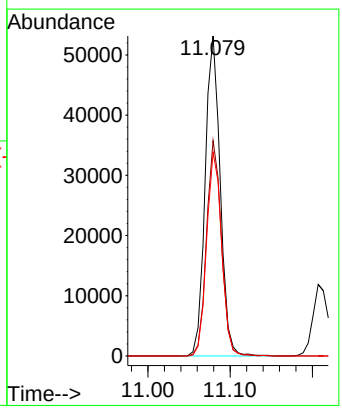


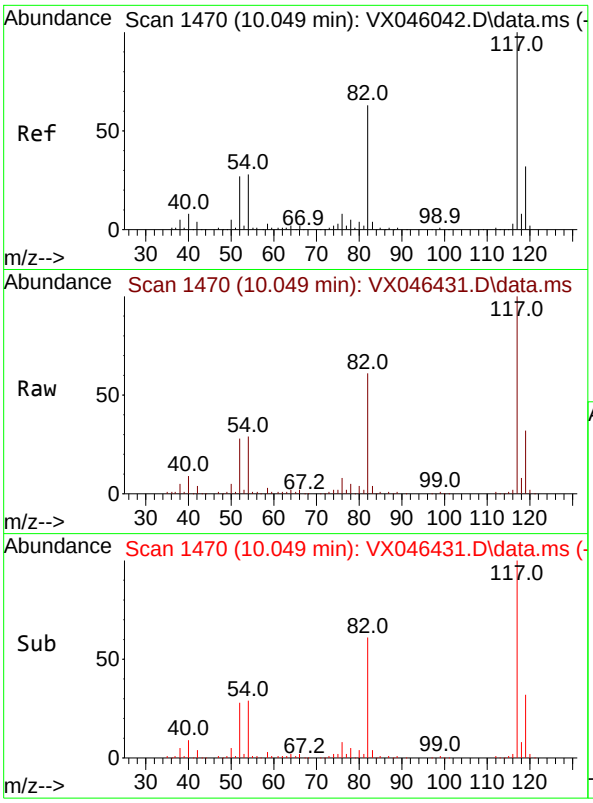


#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 95 Resp: 67347

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	135.8
176	63.6	0.0	131.4

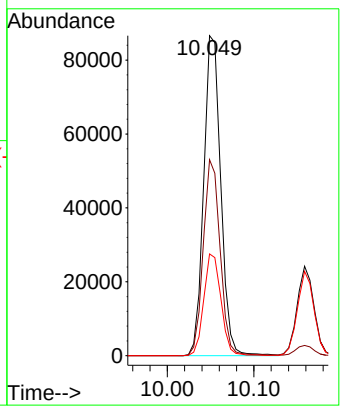




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:117 Resp: 11850

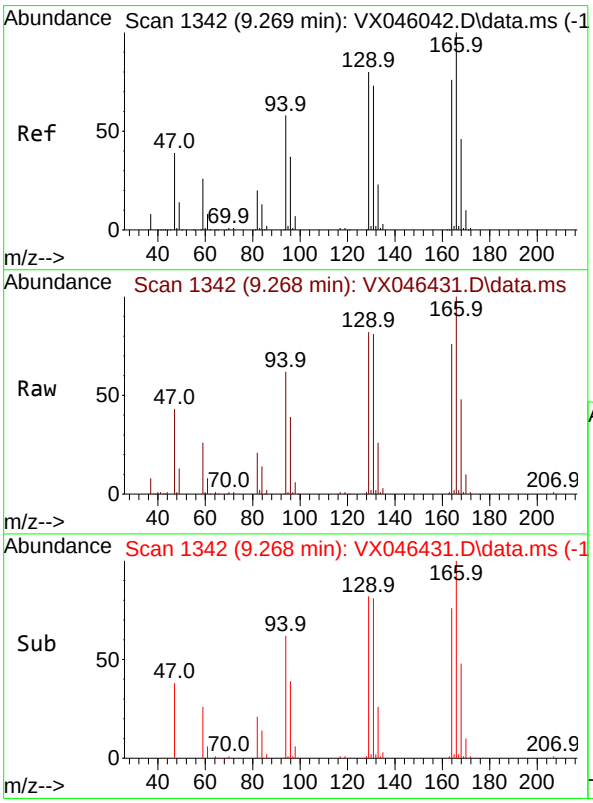
Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	31.8	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

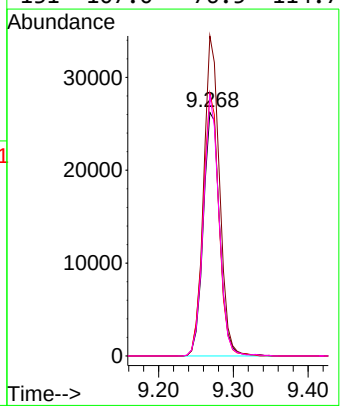
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

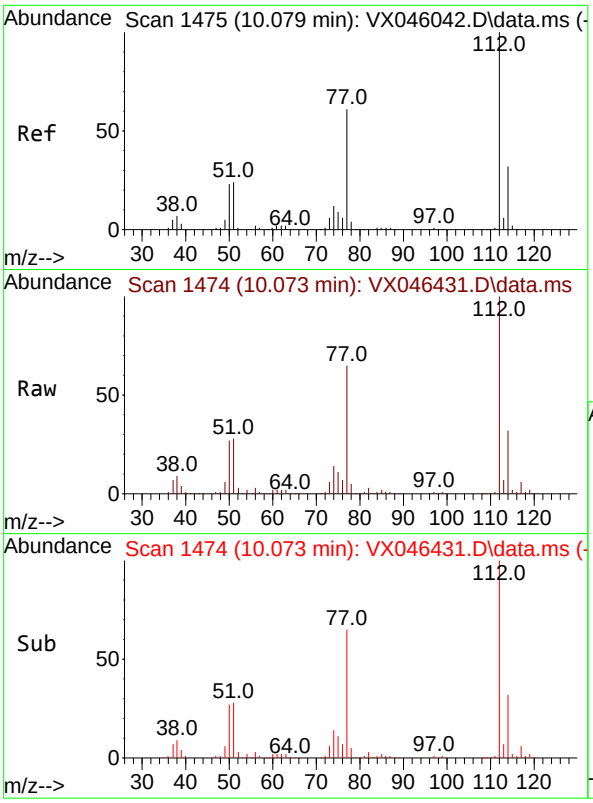


#64
Tetrachloroethene
Concen: 47.434 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:164 Resp: 39773

Ion	Ratio	Lower	Upper
164	100		
166	131.4	105.0	157.6
129	107.9	83.5	125.3
131	107.0	76.5	114.7

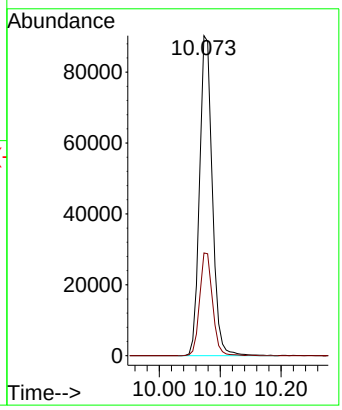




#65
Chlorobenzene
Concen: 50.556 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:112 Resp: 13113

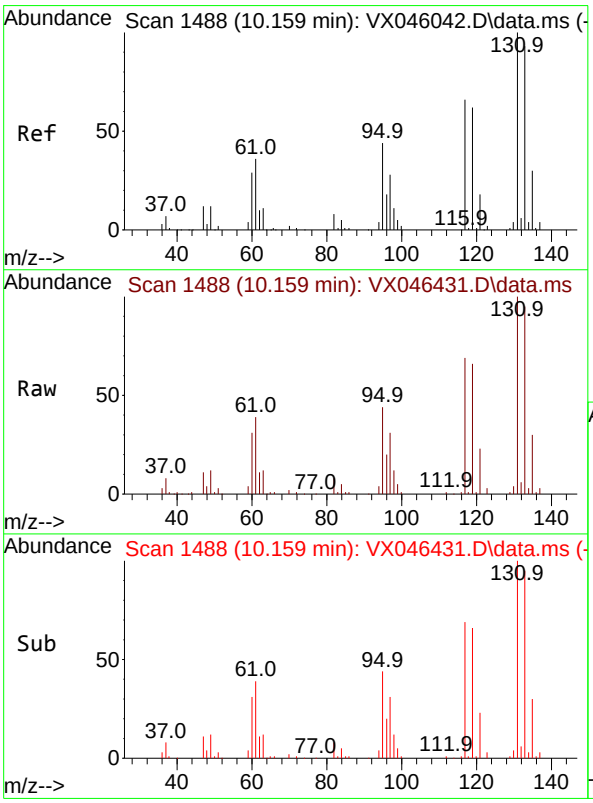
Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

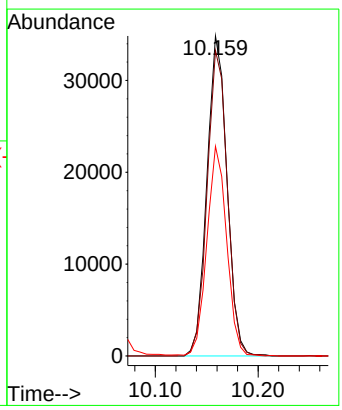
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

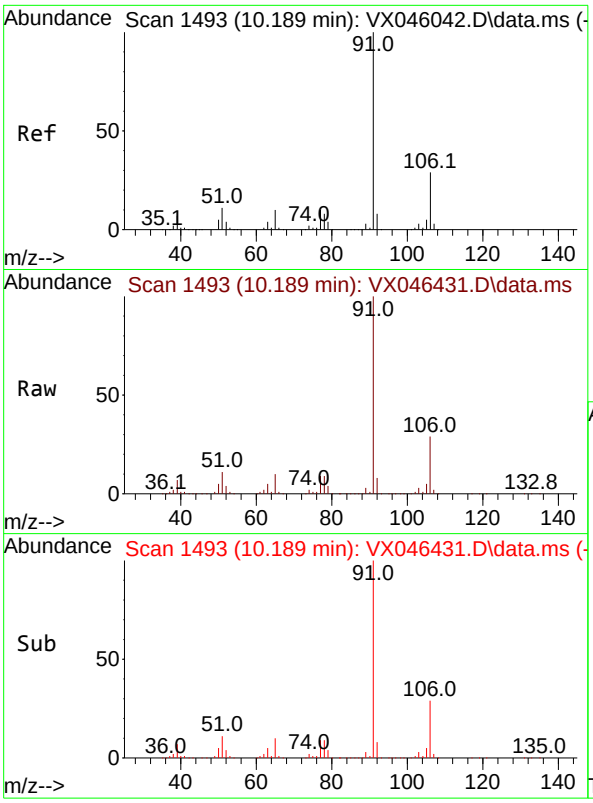


#66
1,1,1,2-Tetrachloroethane
Concen: 53.352 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:131 Resp: 47254

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.9
119	64.7	31.6	95.0

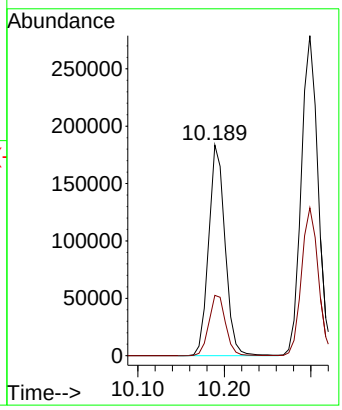




#67
Ethyl Benzene
Concen: 52.804 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 24143

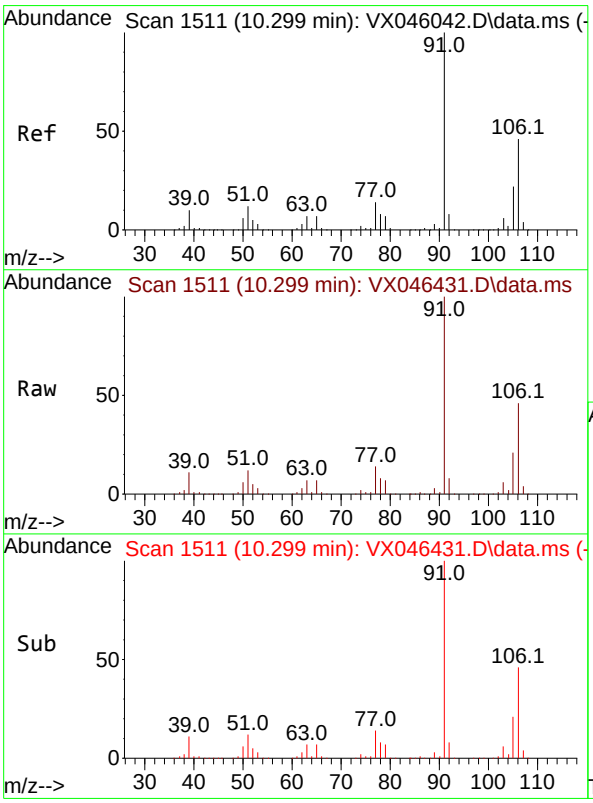
Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

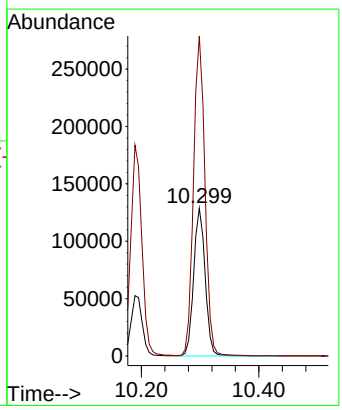
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

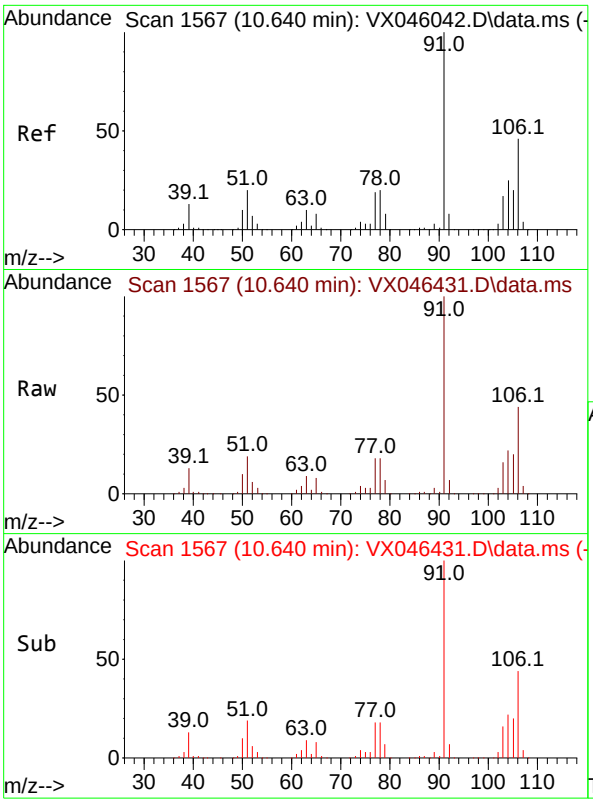


#68
m/p-Xylenes
Concen: 104.632 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:106 Resp: 174971

Ion	Ratio	Lower	Upper
106	100		
91	215.2	171.2	256.8

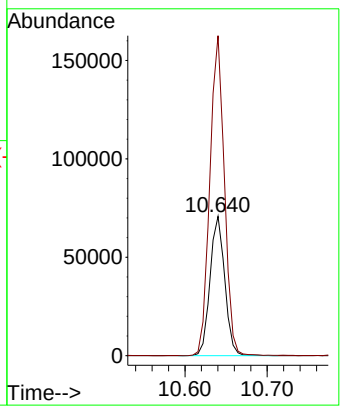




#69
o-Xylene
Concen: 53.954 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:106 Resp: 8796

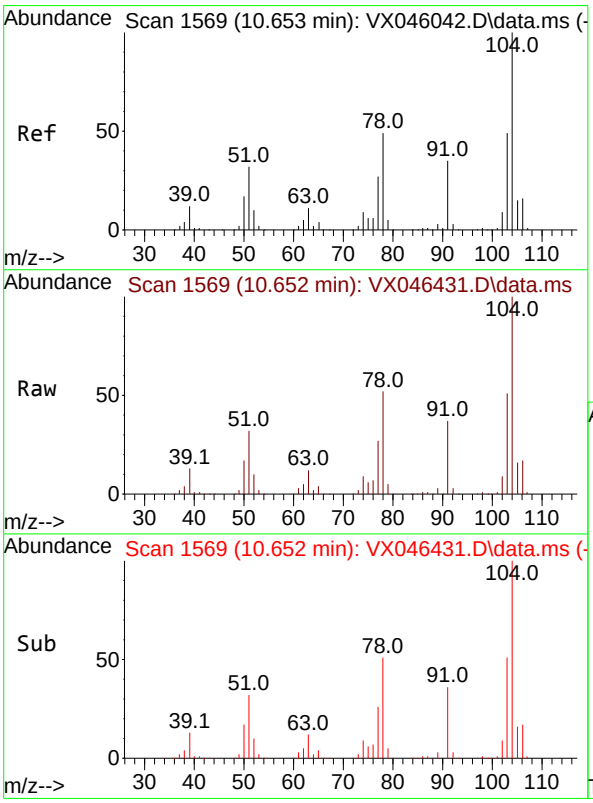
Ion	Ratio	Lower	Upper
106	100		
91	227.6	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

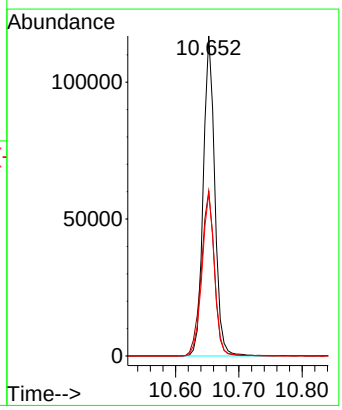
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

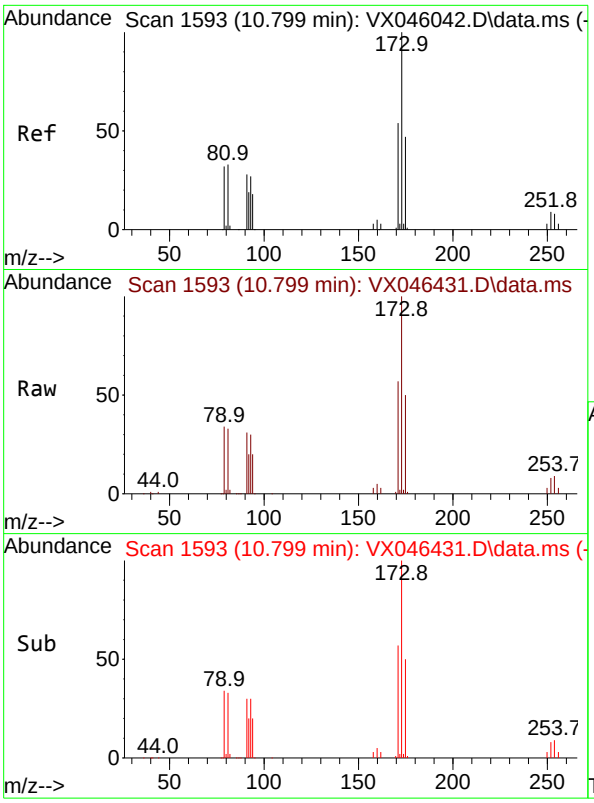


#70
Styrene
Concen: 55.559 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:104 Resp: 148376

Ion	Ratio	Lower	Upper
104	100		
78	58.3	45.7	68.5
103	55.6	43.7	65.5

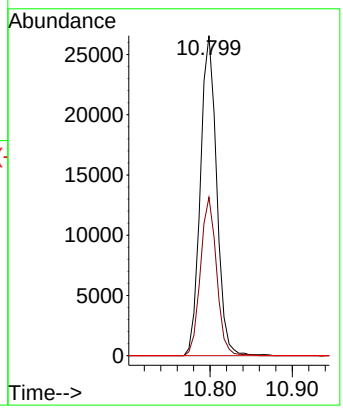




#71
Bromoform
Concen: 54.949 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:173 Resp: 3654

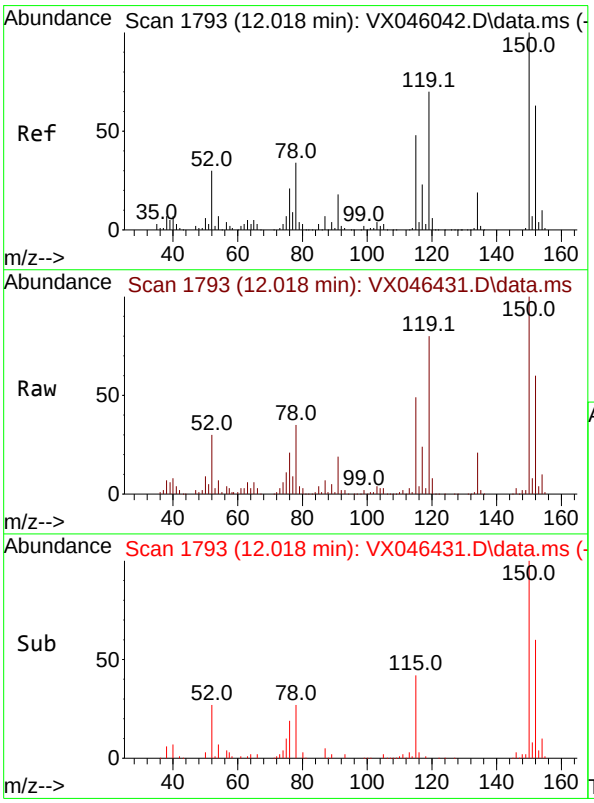
Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

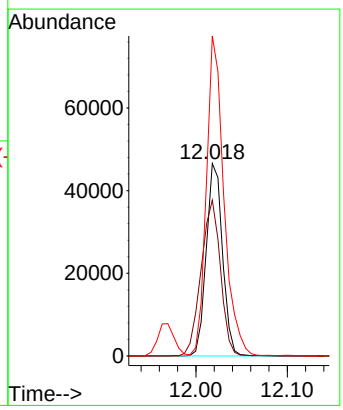
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

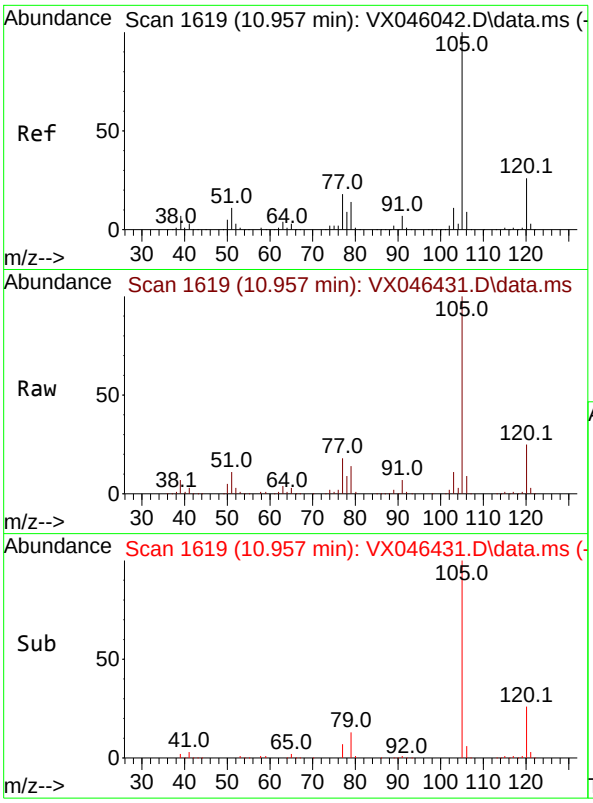


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:152 Resp: 57331

Ion	Ratio	Lower	Upper
152	100		
115	96.8	46.9	140.7
150	178.1	0.0	351.0





#73
Isopropylbenzene
Concen: 52.887 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

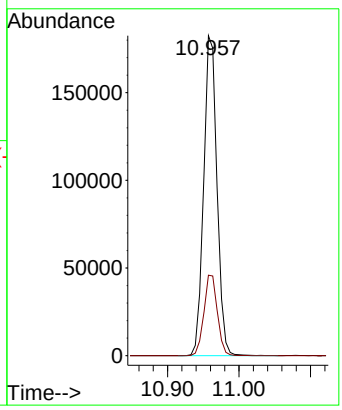
Tgt Ion:105 Resp: 23605

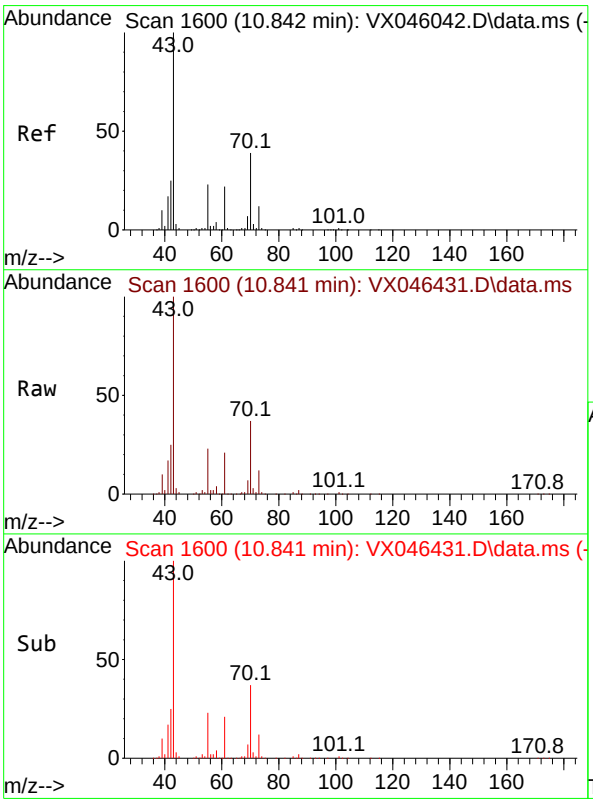
Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

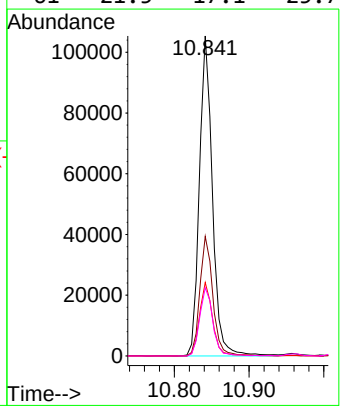


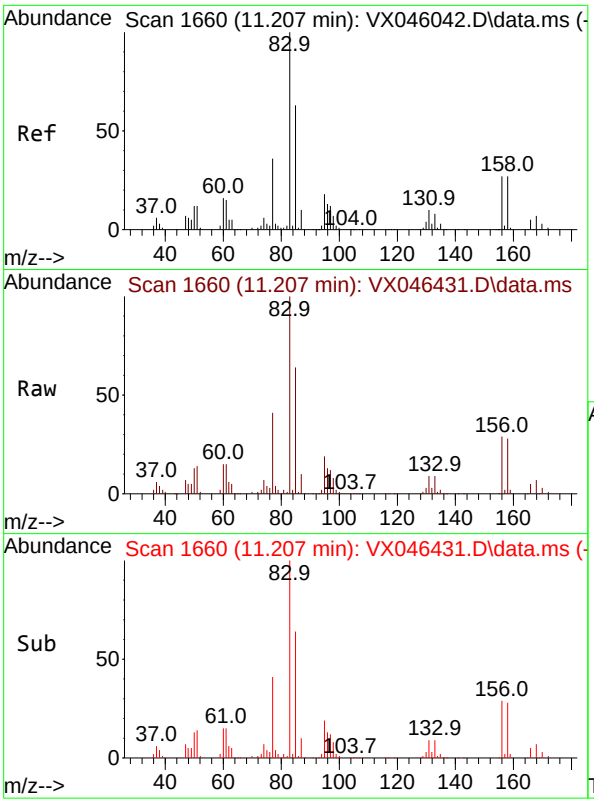


#74
N-amyl acetate
Concen: 57.922 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 127751

Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.9	46.3
55	23.1	18.7	28.1
61	21.5	17.1	25.7

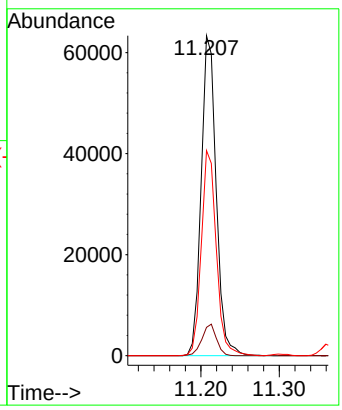




#75
1,1,2,2-Tetrachloroethane
Concen: 53.806 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 8415

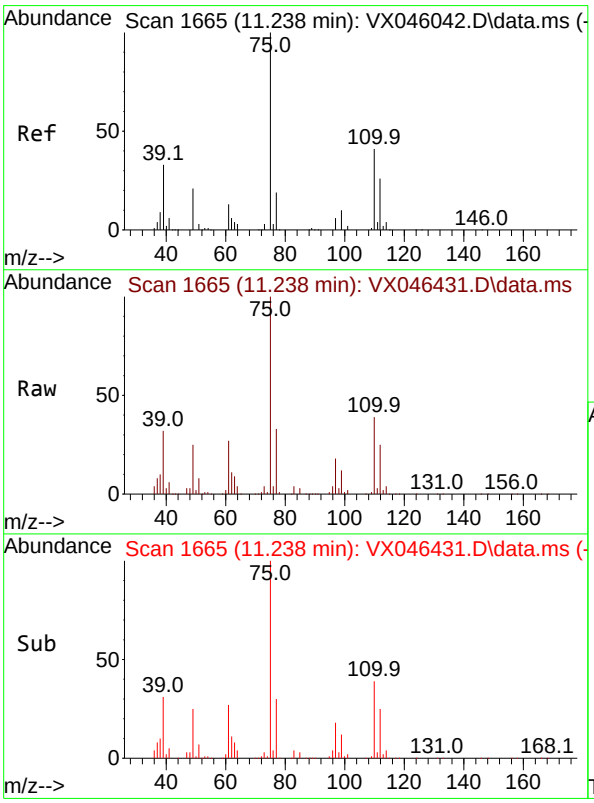
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.1	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

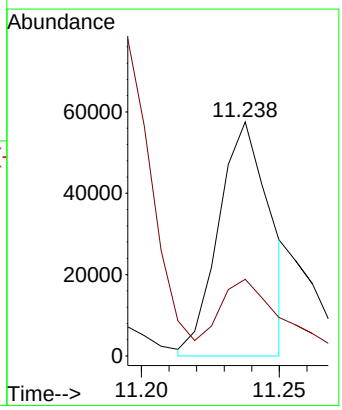
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

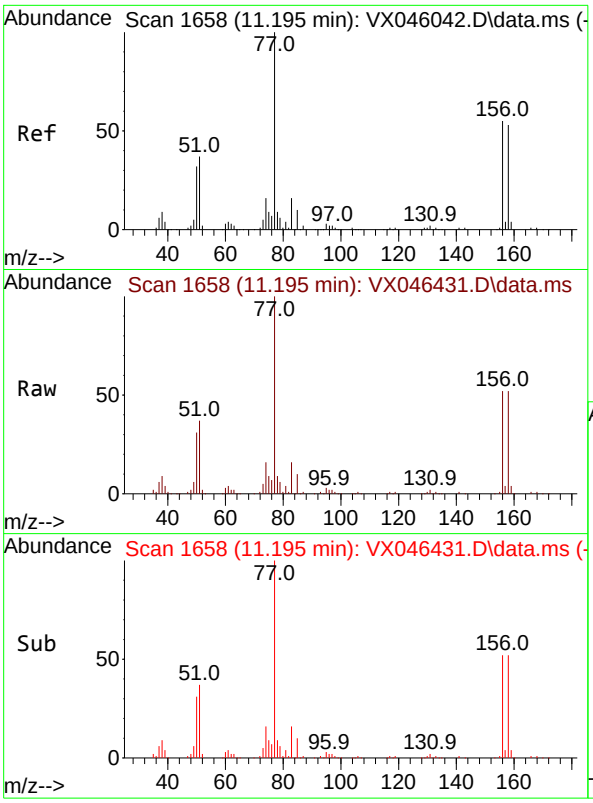


#76
1,2,3-Trichloropropane
Concen: 53.862 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 74329

Ion	Ratio	Lower	Upper
75	100		
77	41.3	20.5	61.5

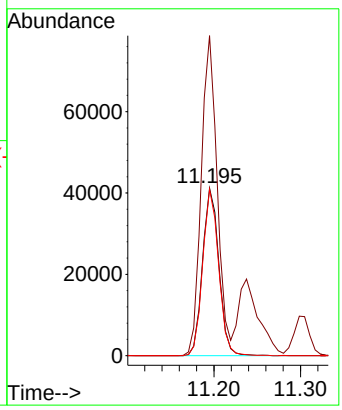




#77
Bromobenzene
Concen: 52.111 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:156 Resp: 5399

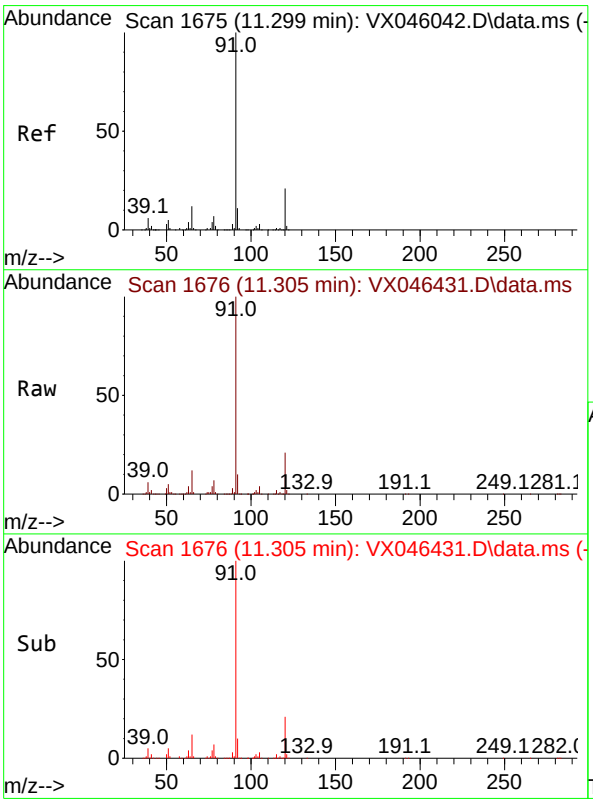
Ion	Ratio	Lower	Upper
156	100		
77	185.8	92.8	278.3
158	97.0	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

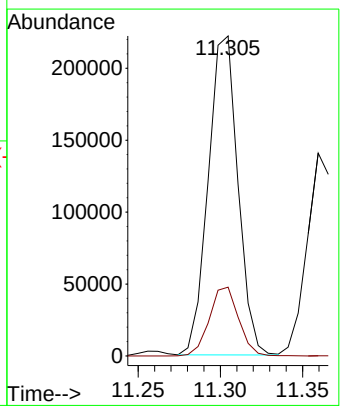
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

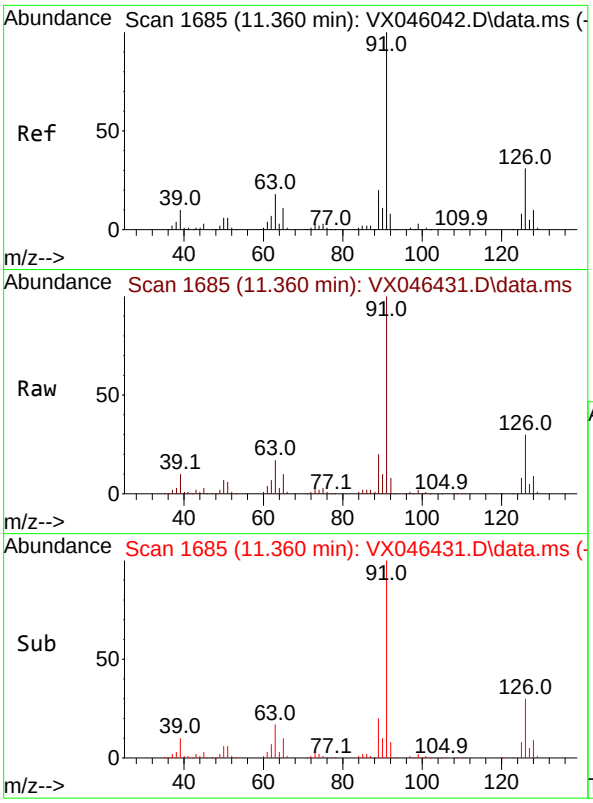


#78
n-propylbenzene
Concen: 53.665 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 278510

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4

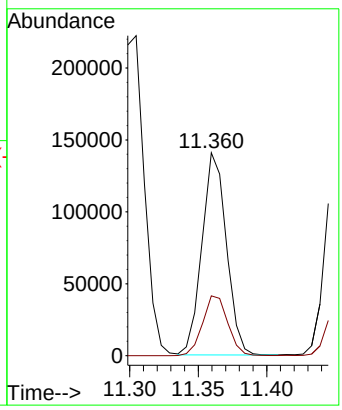




#79
2-Chlorotoluene
Concen: 52.184 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 17468

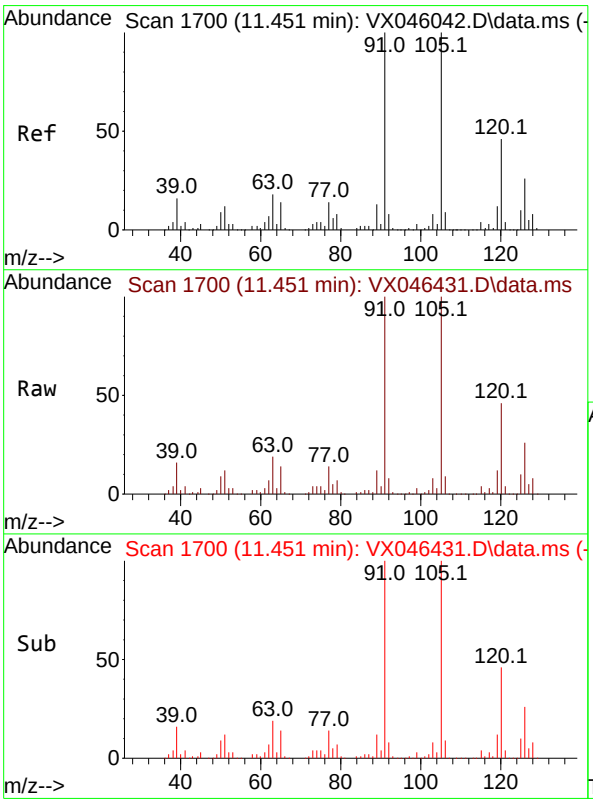
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

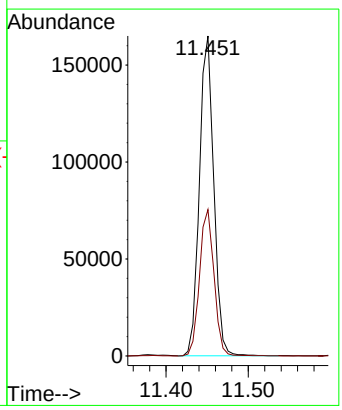
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

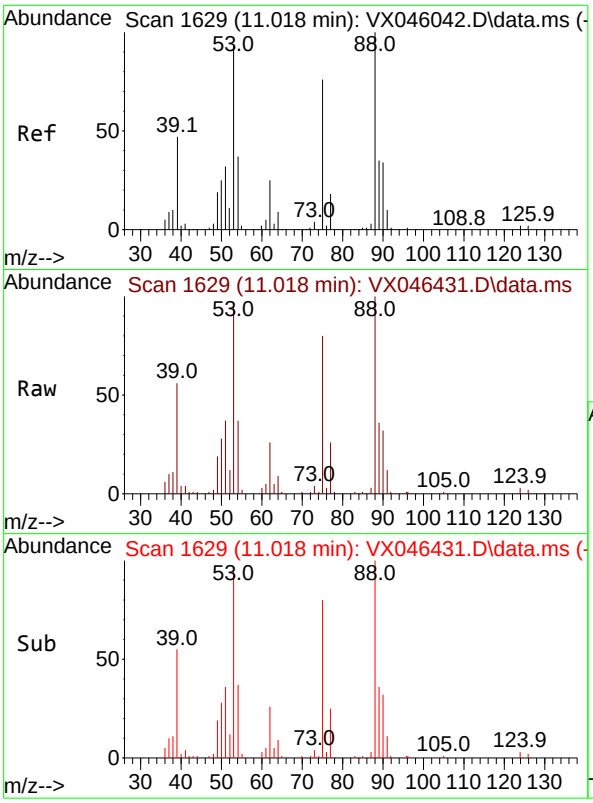


#80
1,3,5-Trimethylbenzene
Concen: 53.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 200309

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.930 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

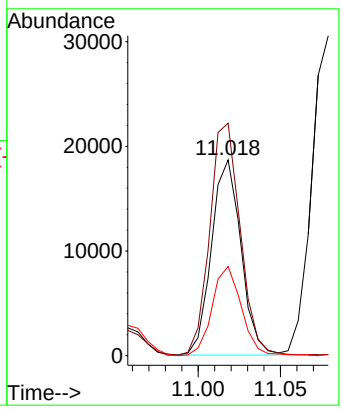
Tgt Ion: 75 Resp: 2328

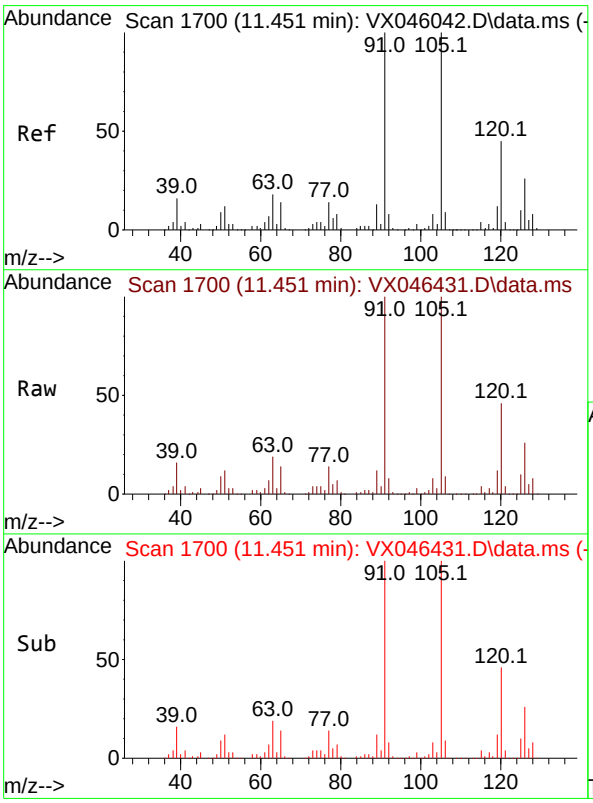
Ion	Ratio	Lower	Upper
75	100		
53	122.6	100.5	150.7
89	45.6	37.0	55.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

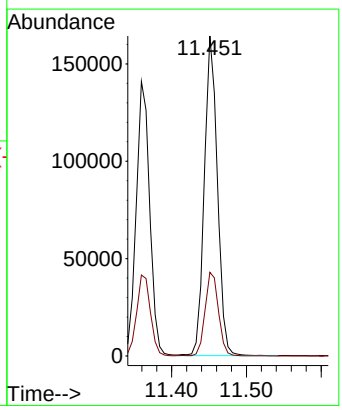


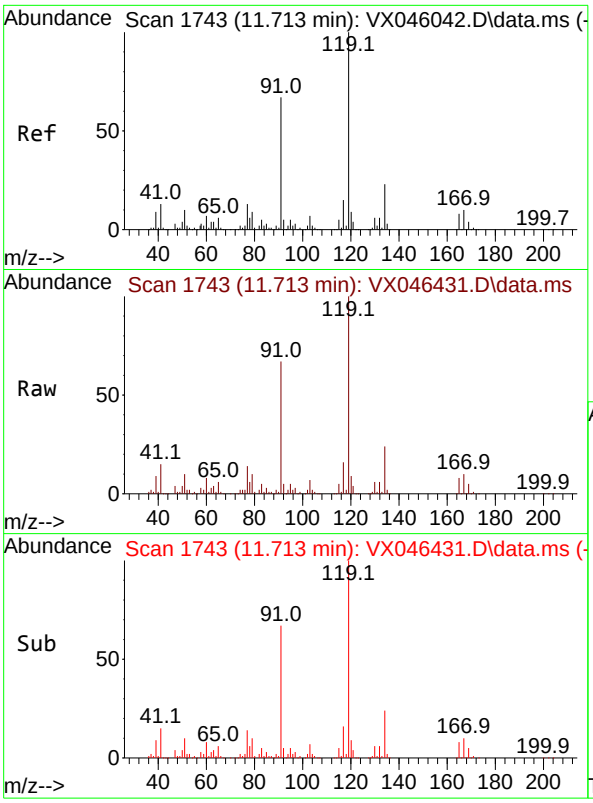


#82
4-Chlorotoluene
Concen: 53.734 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 199469

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.8

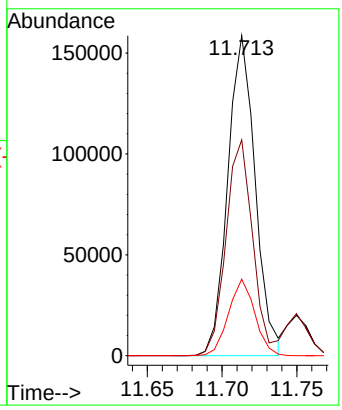




#83
tert-Butylbenzene
Concen: 53.969 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:119 Resp: 20270

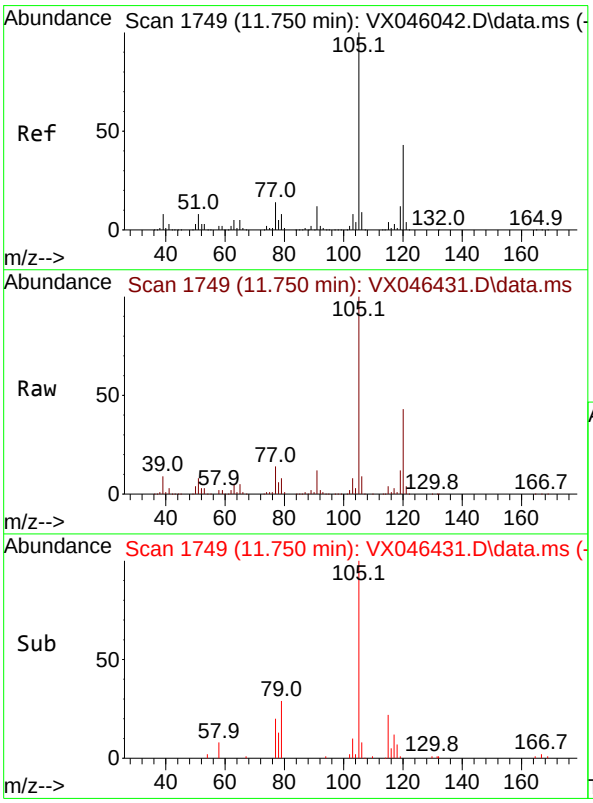
Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.9	98.7
134	22.9	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

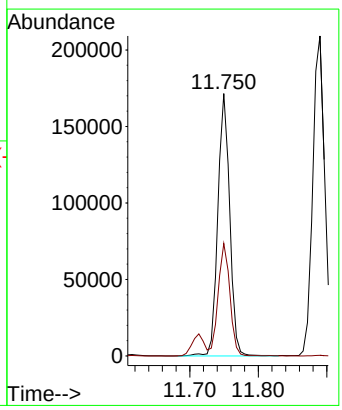
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

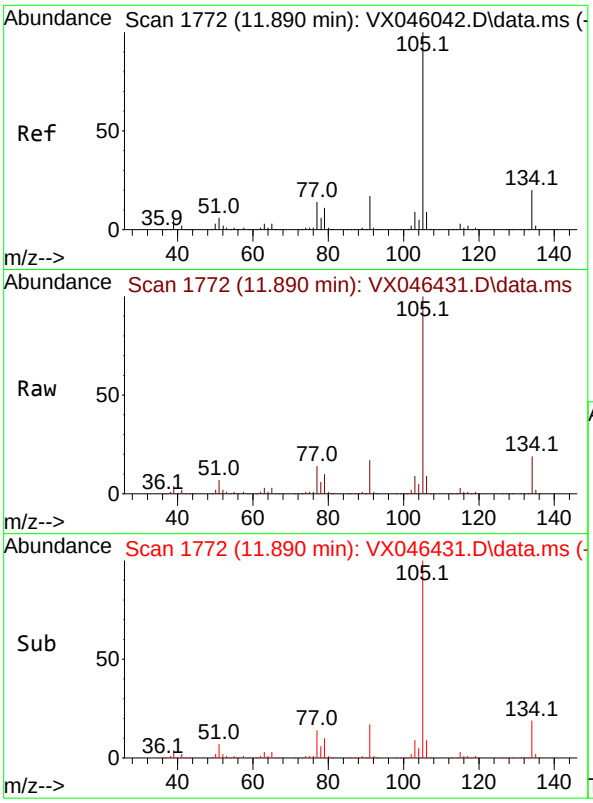


#84
1,2,4-Trimethylbenzene
Concen: 54.326 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 205143

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6

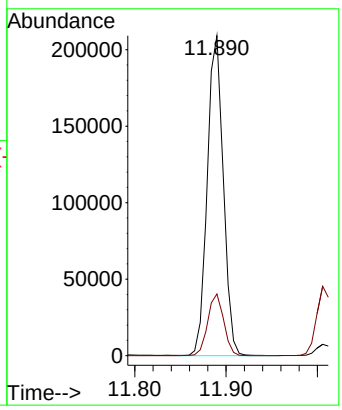




#85
sec-Butylbenzene
Concen: 55.208 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 25460

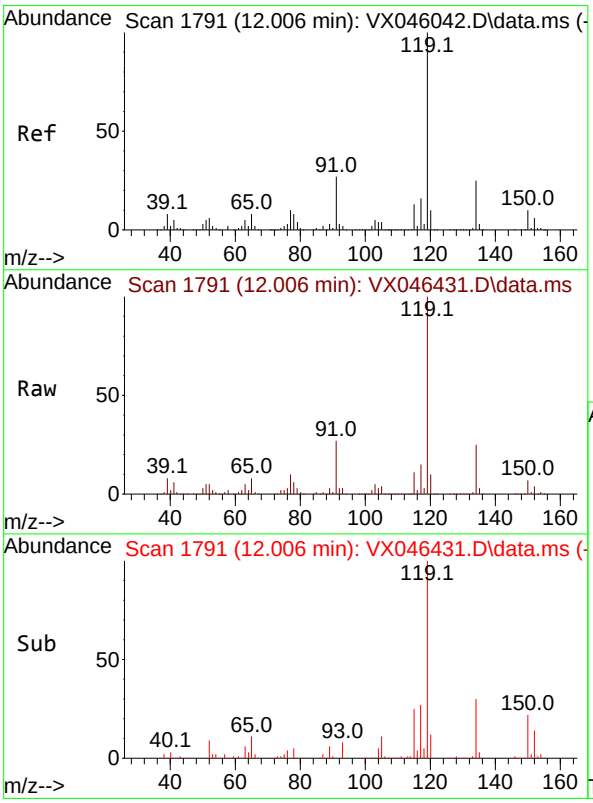
Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

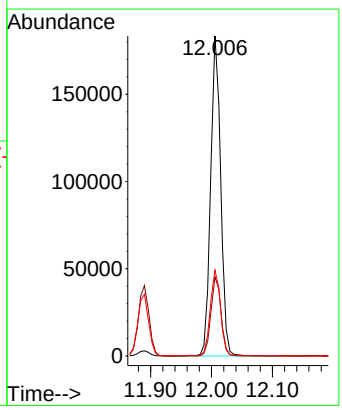
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

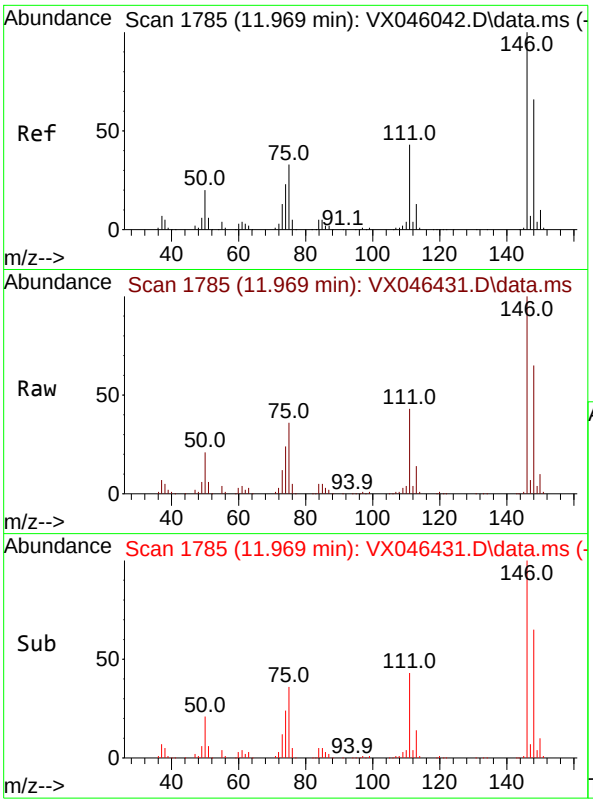


#86
p-Isopropyltoluene
Concen: 54.929 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:119 Resp: 209095

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.2	13.8	41.4

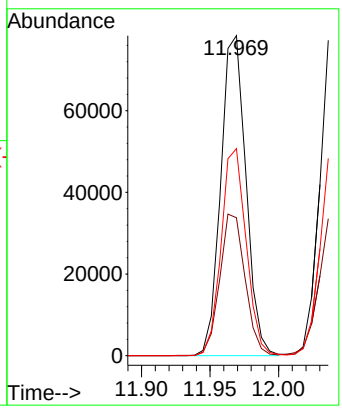




#87
1,3-Dichlorobenzene
Concen: 52.954 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:146 Resp: 10014

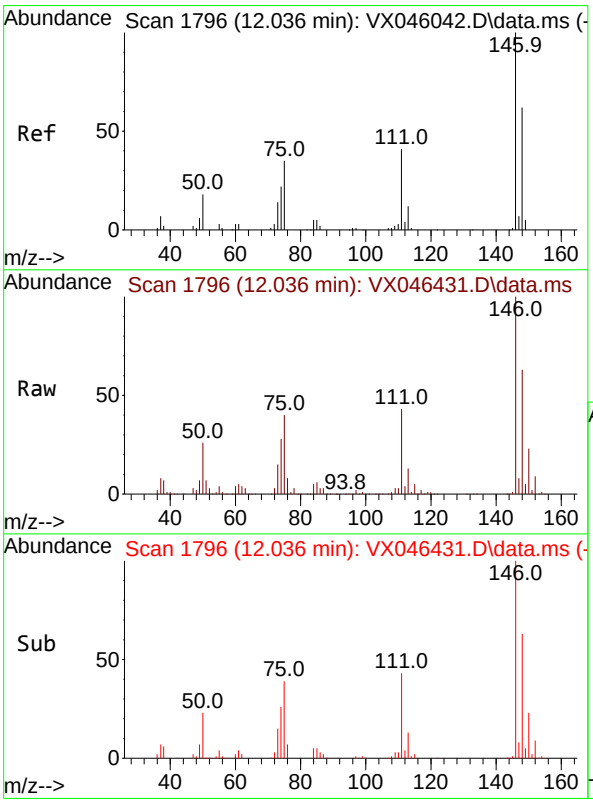
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.3
148	64.4	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

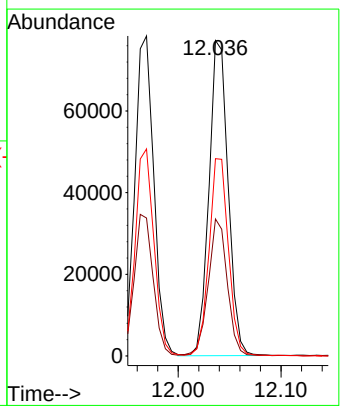
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

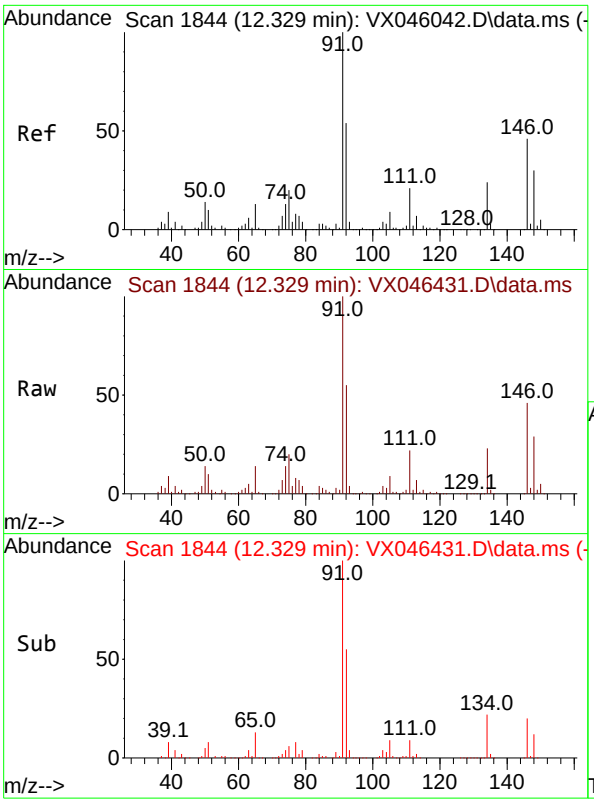


#88
1,4-Dichlorobenzene
Concen: 51.826 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:146 Resp: 100095

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.8	31.9	95.5

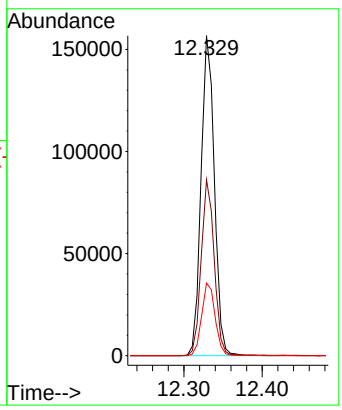




#89
n-Butylbenzene
Concen: 55.448 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 18514

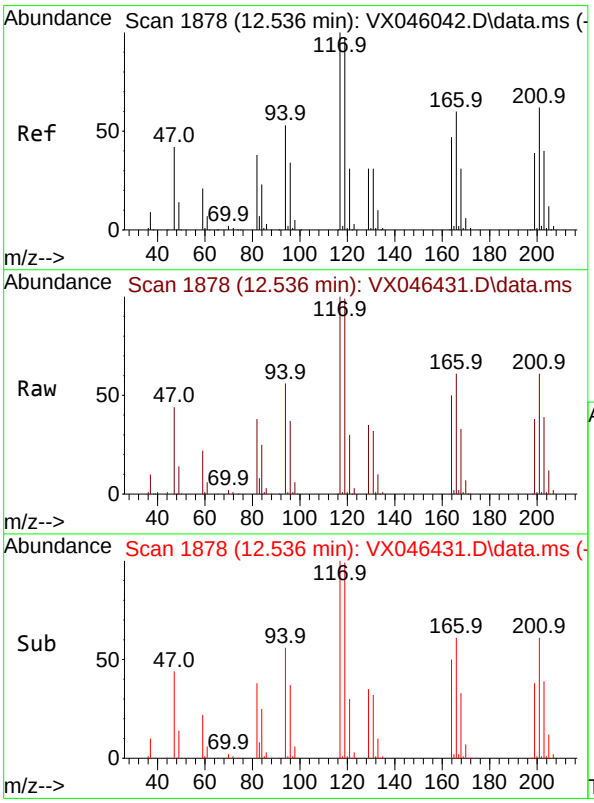
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	22.9	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

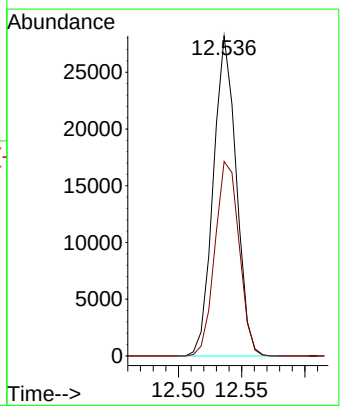
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

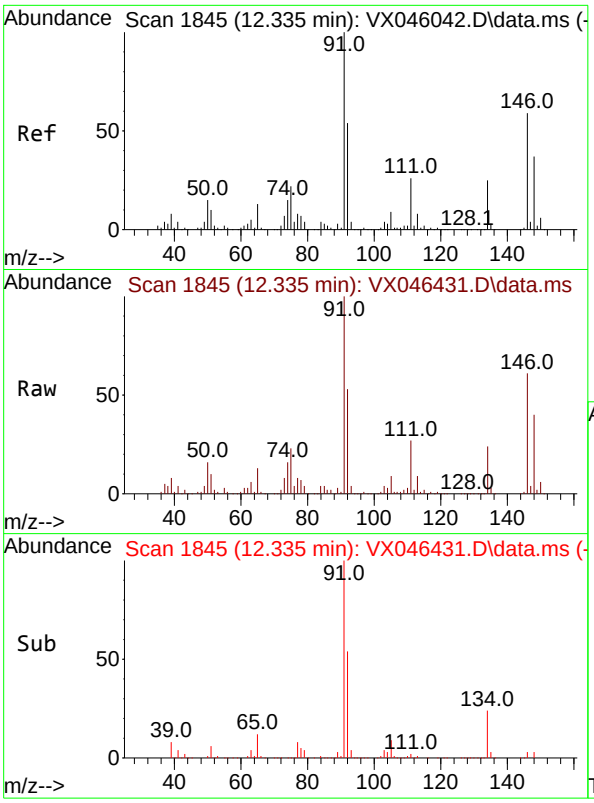


#90
Hexachloroethane
Concen: 52.871 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:117 Resp: 35458

Ion	Ratio	Lower	Upper
117	100		
201	64.4	31.6	94.7

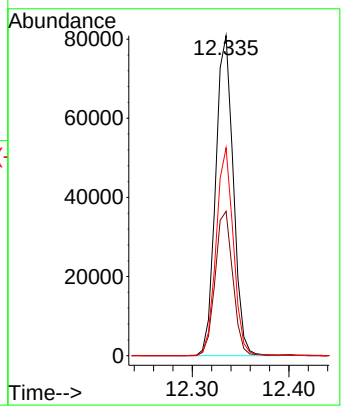




#91
1,2-Dichlorobenzene
Concen: 53.903 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:146 Resp: 10229

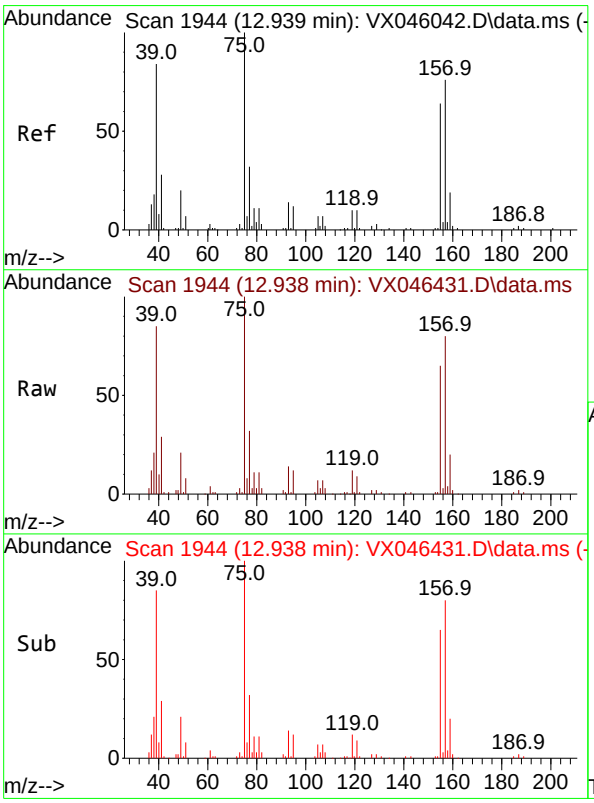
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.4	67.3
148	63.4	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

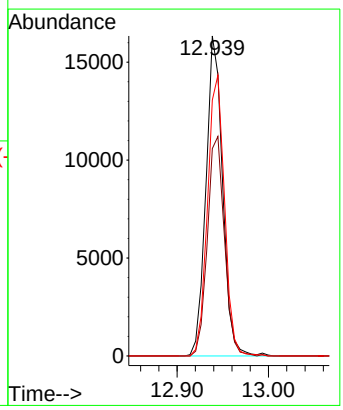
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

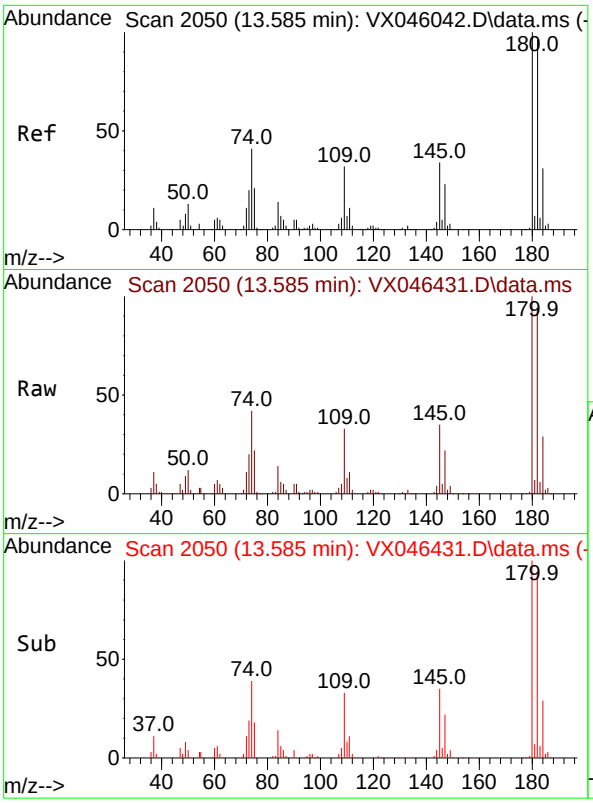


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.563 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 20639

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	89.0	43.8	131.4

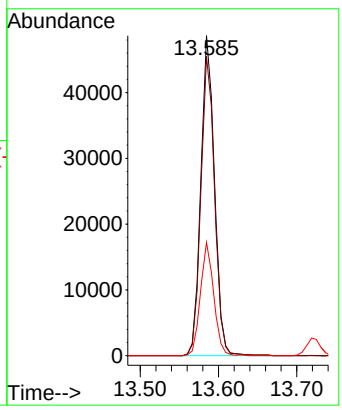




#93
1,2,4-Trichlorobenzene
Concen: 54.013 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:180 Resp: 5887

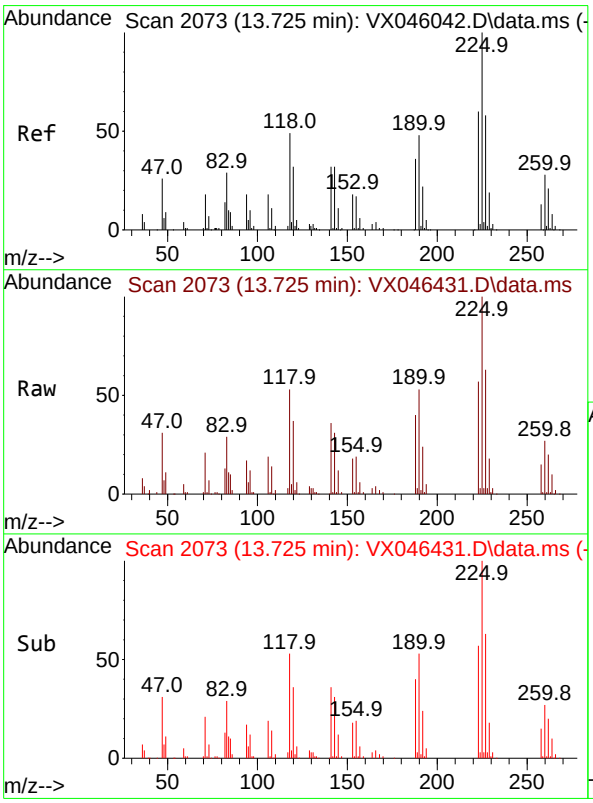
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	34.5	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

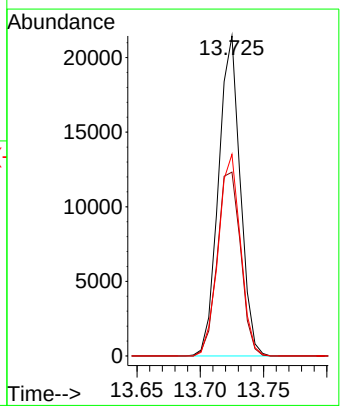
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

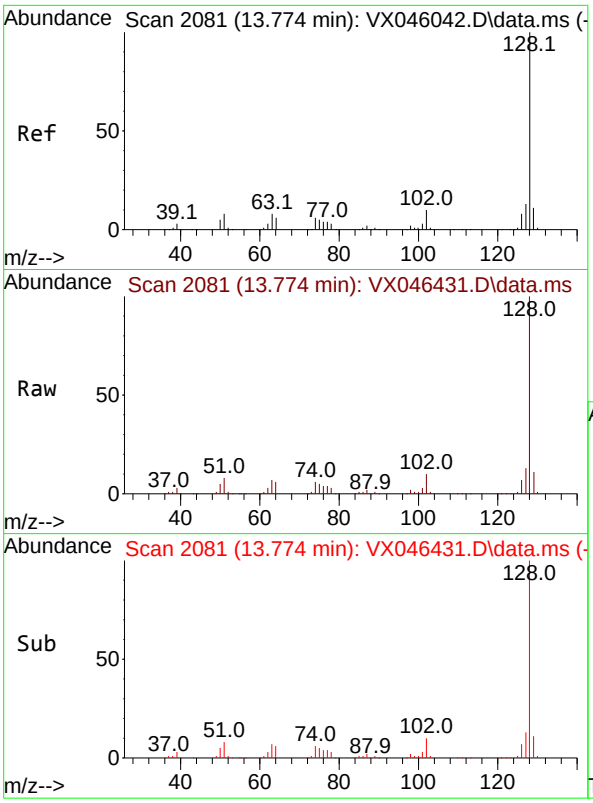


#94
Hexachlorobutadiene
Concen: 53.675 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:225 Resp: 25552

Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.4
227	64.3	30.9	92.7

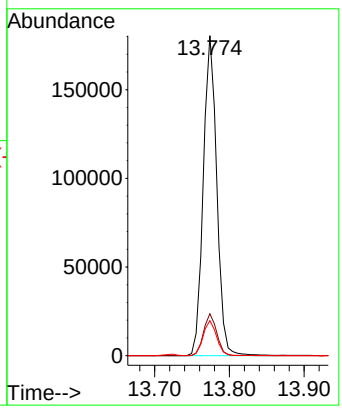




#95
Naphthalene
Concen: 56.519 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:128 Resp: 22594

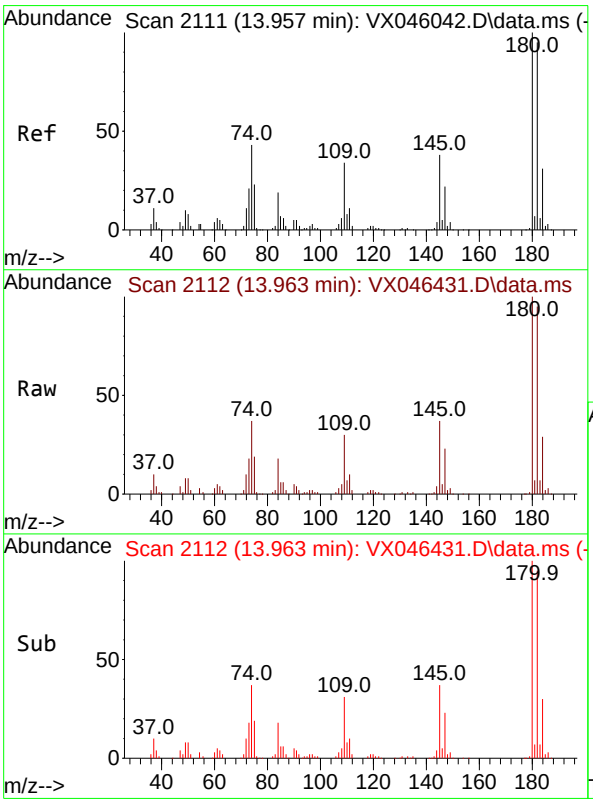
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

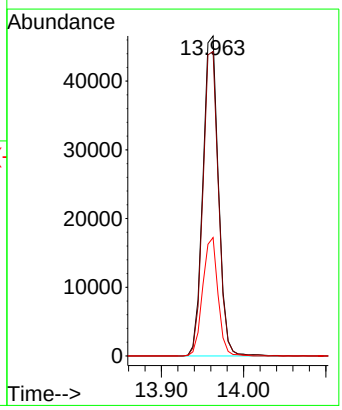
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.497 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:180 Resp: 61292

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	36.3	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	76	0.00
2	T	Dichlorodifluoromethane	0.765	0.706	7.7	62	0.00
3	P	Chloromethane	0.742	0.678	8.6	67	0.00
4	C	Vinyl Chloride	0.691	0.615	11.0#	66	0.00
5	T	Bromomethane	0.320	0.291	9.1	68	0.00
6	T	Chloroethane	0.369	0.346	6.2	70	0.00
7	T	Trichlorofluoromethane	1.021	0.979	4.1	70	0.00
8	T	Diethyl Ether	0.347	0.336	3.2	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.632	0.618	2.2	74	0.00
10	T	Methyl Iodide	0.747	0.699	6.4	66	0.00
11	T	Tert butyl alcohol	0.131	0.164	-25.2#	97	0.00
12	CM	1,1-Dichloroethene	0.593	0.566	4.6#	72	0.00
13	T	Acrolein	0.149	0.167	-12.1	84	0.00
14	T	Allyl chloride	1.133	1.204	-6.3	78	0.00
15	T	Acrylonitrile	0.374	0.439	-17.4	86	0.00
16	T	Acetone	0.374	0.427	-14.2	90	0.00
17	T	Carbon Disulfide	1.406	1.085	22.8	57	0.00
18	T	Methyl Acetate	0.867	1.303	-50.3#	117	0.00
19	T	Methyl tert-butyl Ether	2.079	2.303	-10.8	81	0.00
20	T	Methylene Chloride	0.716	0.705	1.5	79	0.00
21	T	trans-1,2-Dichloroethene	0.596	0.567	4.9	71	0.00
22	T	Diisopropyl ether	2.189	2.439	-11.4	82	0.00
23	T	Vinyl Acetate	1.925	2.099	-9.0	78	0.00
24	P	1,1-Dichloroethane	1.219	1.297	-6.4	78	0.00
25	T	2-Butanone	0.543	0.660	-21.5	91	0.00
26	T	2,2-Dichloropropane	0.954	0.906	5.0	72	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.752	-4.7	78	0.00
28	T	Bromochloromethane	0.587	0.625	-6.5	83	0.00
29	T	Tetrahydrofuran	0.340	0.410	-20.6	89	0.00
30	C	Chloroform	1.271	1.391	-9.4#	82	0.00
31	T	Cyclohexane	1.111	1.047	5.8	71	0.00
32	T	1,1,1-Trichloroethane	1.101	1.186	-7.7	80	0.00
33	S	1,2-Dichloroethane-d4	0.932	0.953	-2.3	80	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35	S	Dibromofluoromethane	0.360	0.370	-2.8	83	0.00
36	T	1,1-Dichloropropene	0.484	0.463	4.3	74	0.00
37	T	Ethyl Acetate	0.598	0.643	-7.5	83	0.00
38	T	Carbon Tetrachloride	0.544	0.536	1.5	76	0.00
39	T	Methylcyclohexane	0.623	0.569	8.7	70	0.00
40	TM	Benzene	1.417	1.443	-1.8	78	0.00
41	T	Methacrylonitrile	0.313	0.385	-23.0	88	0.00
42	TM	1,2-Dichloroethane	0.612	0.638	-4.2	81	0.00
43	T	Isopropyl Acetate	0.912	1.055	-15.7	87	0.00
44	TM	Trichloroethene	0.341	0.338	0.9	75	0.00
45	C	1,2-Dichloropropane	0.352	0.390	-10.8#	83	0.00
46	T	Dibromomethane	0.278	0.292	-5.0	81	0.00
47	T	Bromodichloromethane	0.547	0.604	-10.4	83	0.00
48	T	Methyl methacrylate	0.466	0.561	-20.4	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.009	0.010	-11.1	90	0.00
50	S	Toluene-d8	1.246	1.219	2.2	79	0.00
51	T	4-Methyl-2-Pentanone	0.605	0.747	-23.5	93	0.00
52	CM	Toluene	0.869	0.892	-2.6#	79	0.00
53	T	t-1,3-Dichloropropene	0.487	0.534	-9.7	80	0.00
54	T	cis-1,3-Dichloropropene	0.538	0.594	-10.4	81	0.00
55	T	1,1,2-Trichloroethane	0.343	0.385	-12.2	86	0.00
56	T	Ethyl methacrylate	0.546	0.659	-20.7	88	0.00
57	T	1,3-Dichloropropane	0.615	0.673	-9.4	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.278	0.318	-14.4	82	0.00
59	T	2-Hexanone	0.448	0.562	-25.4#	94	0.00
60	T	Dibromochloromethane	0.376	0.434	-15.4	86	0.00
61	T	1,2-Dibromoethane	0.356	0.388	-9.0	82	0.00
62	S	4-Bromofluorobenzene	0.478	0.506	-5.9	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.354	0.336	5.1	73	0.00
65	PM	Chlorobenzene	1.094	1.107	-1.2	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.399	-6.7	83	0.00
67	C	Ethyl Benzene	1.929	2.037	-5.6#	82	0.00
68	T	m/p-Xylenes	0.706	0.738	-4.5	81	0.00
69	T	o-Xylene	0.688	0.742	-7.8	83	0.00
70	T	Styrene	1.127	1.252	-11.1	83	0.00
71	P	Bromoform	0.281	0.308	-9.6	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.893	4.117	-5.8	84	0.00
74	T	N-amyl acetate	1.924	2.228	-15.8	91	0.00
75	P	1,1,2,2-Tetrachloroethane	1.364	1.468	-7.6	93	0.00
76	T	1,2,3-Trichloropropane	1.204	1.296	-7.6	92	0.00
77	T	Bromobenzene	0.904	0.942	-4.2	86	0.00
78	T	n-propylbenzene	4.526	4.858	-7.3	84	0.00
79	T	2-Chlorotoluene	2.919	3.047	-4.4	86	0.00
80	T	1,3,5-Trimethylbenzene	3.252	3.494	-7.4	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.370	0.406	-9.7	89	0.00
82	T	4-Chlorotoluene	3.238	3.479	-7.4	86	0.00
83	T	tert-Butylbenzene	3.276	3.536	-7.9	87	0.00
84	T	1,2,4-Trimethylbenzene	3.293	3.578	-8.7	86	0.00
85	T	sec-Butylbenzene	4.022	4.441	-10.4	87	0.00
86	T	p-Isopropyltoluene	3.320	3.647	-9.8	87	0.00
87	T	1,3-Dichlorobenzene	1.649	1.747	-5.9	87	0.00
88	T	1,4-Dichlorobenzene	1.684	1.746	-3.7	87	0.00
89	T	n-Butylbenzene	2.912	3.229	-10.9	87	0.00
90	T	Hexachloroethane	0.585	0.618	-5.6	84	0.00
91	T	1,2-Dichlorobenzene	1.655	1.784	-7.8	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.302	0.360	-19.2	94	0.00
93	T	1,2,4-Trichlorobenzene	0.951	1.027	-8.0	88	0.00
94	T	Hexachlorobutadiene	0.415	0.446	-7.5	88	0.00
95	T	Naphthalene	3.487	3.941	-13.0	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	1.069	-9.0	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	46.138	7.7	62	0.00
3	P	Chloromethane	50.000	45.654	8.7	67	0.00
4	C	Vinyl Chloride	50.000	44.512	11.0#	66	0.00
5	T	Bromomethane	50.000	45.454	9.1	68	0.00
6	T	Chloroethane	50.000	46.916	6.2	70	0.00
7	T	Trichlorofluoromethane	50.000	47.936	4.1	70	0.00
8	T	Diethyl Ether	50.000	48.314	3.4	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.943	2.1	74	0.00
10	T	Methyl Iodide	50.000	46.760	6.5	66	0.00
11	T	Tert butyl alcohol	250.000	313.593	-25.4#	97	0.00
12	CM	1,1-Dichloroethene	50.000	47.743	4.5#	72	0.00
13	T	Acrolein	250.000	280.627	-12.3	84	0.00
14	T	Allyl chloride	50.000	53.151	-6.3	78	0.00
15	T	Acrylonitrile	250.000	293.541	-17.4	86	0.00
16	T	Acetone	250.000	285.403	-14.2	90	0.00
17	T	Carbon Disulfide	50.000	38.590	22.8	57	0.00
18	T	Methyl Acetate	50.000	75.091	-50.2#	117	0.00
19	T	Methyl tert-butyl Ether	50.000	55.398	-10.8	81	0.00
20	T	Methylene Chloride	50.000	49.194	1.6	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.561	4.9	71	0.00
22	T	Diisopropyl ether	50.000	55.717	-11.4	82	0.00
23	T	Vinyl Acetate	250.000	272.581	-9.0	78	0.00
24	P	1,1-Dichloroethane	50.000	53.212	-6.4	78	0.00
25	T	2-Butanone	250.000	304.288	-21.7	91	0.00
26	T	2,2-Dichloropropane	50.000	47.489	5.0	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.367	-4.7	78	0.00
28	T	Bromochloromethane	50.000	53.277	-6.6	83	0.00
29	T	Tetrahydrofuran	250.000	301.498	-20.6	89	0.00
30	C	Chloroform	50.000	54.718	-9.4#	82	0.00
31	T	Cyclohexane	50.000	47.127	5.7	71	0.00
32	T	1,1,1-Trichloroethane	50.000	53.836	-7.7	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.122	-2.2	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	51.372	-2.7	83	0.00
36	T	1,1-Dichloropropene	50.000	47.863	4.3	74	0.00
37	T	Ethyl Acetate	50.000	53.781	-7.6	83	0.00
38	T	Carbon Tetrachloride	50.000	49.348	1.3	76	0.00
39	T	Methylcyclohexane	50.000	45.703	8.6	70	0.00
40	TM	Benzene	50.000	50.909	-1.8	78	0.00
41	T	Methacrylonitrile	50.000	61.498	-23.0	88	0.00
42	TM	1,2-Dichloroethane	50.000	52.168	-4.3	81	0.00
43	T	Isopropyl Acetate	50.000	57.828	-15.7	87	0.00
44	TM	Trichloroethene	50.000	49.514	1.0	75	0.00
45	C	1,2-Dichloropropane	50.000	55.357	-10.7#	83	0.00
46	T	Dibromomethane	50.000	52.619	-5.2	81	0.00
47	T	Bromodichloromethane	50.000	55.161	-10.3	83	0.00
48	T	Methyl methacrylate	50.000	60.212	-20.4	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	1171.433	-17.1	90	0.00
50	S	Toluene-d8	50.000	48.928	2.1	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.632	-23.5	93	0.00
52	CM	Toluene	50.000	51.305	-2.6#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	54.879	-9.8	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.188	-10.4	81	0.00
55	T	1,1,2-Trichloroethane	50.000	56.210	-12.4	86	0.00
56	T	Ethyl methacrylate	50.000	60.299	-20.6	88	0.00
57	T	1,3-Dichloropropane	50.000	54.700	-9.4	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.245	-14.1	82	0.00
59	T	2-Hexanone	250.000	313.912	-25.6#	94	0.00
60	T	Dibromochloromethane	50.000	57.658	-15.3	86	0.00
61	T	1,2-Dibromoethane	50.000	54.468	-8.9	82	0.00
62	S	4-Bromofluorobenzene	50.000	52.964	-5.9	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	47.434	5.1	73	0.00
65	PM	Chlorobenzene	50.000	50.556	-1.1	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.352	-6.7	83	0.00
67	C	Ethyl Benzene	50.000	52.804	-5.6#	82	0.00
68	T	m/p-Xylenes	100.000	104.632	-4.6	81	0.00
69	T	o-Xylene	50.000	53.954	-7.9	83	0.00
70	T	Styrene	50.000	55.559	-11.1	83	0.00
71	P	Bromoform	50.000	54.949	-9.9	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	52.887	-5.8	84	0.00
74	T	N-amyl acetate	50.000	57.922	-15.8	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.806	-7.6	93	0.00
76	T	1,2,3-Trichloropropane	50.000	53.862	-7.7	92	0.00
77	T	Bromobenzene	50.000	52.111	-4.2	86	0.00
78	T	n-propylbenzene	50.000	53.665	-7.3	84	0.00
79	T	2-Chlorotoluene	50.000	52.184	-4.4	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.719	-7.4	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.930	-9.9	89	0.00
82	T	4-Chlorotoluene	50.000	53.734	-7.5	86	0.00
83	T	tert-Butylbenzene	50.000	53.969	-7.9	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.326	-8.7	86	0.00
85	T	sec-Butylbenzene	50.000	55.208	-10.4	87	0.00
86	T	p-Isopropyltoluene	50.000	54.929	-9.9	87	0.00
87	T	1,3-Dichlorobenzene	50.000	52.954	-5.9	87	0.00
88	T	1,4-Dichlorobenzene	50.000	51.826	-3.7	87	0.00
89	T	n-Butylbenzene	50.000	55.448	-10.9	87	0.00
90	T	Hexachloroethane	50.000	52.871	-5.7	84	0.00
91	T	1,2-Dichlorobenzene	50.000	53.903	-7.8	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.563	-19.1	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.013	-8.0	88	0.00
94	T	Hexachlorobutadiene	50.000	53.675	-7.3	88	0.00
95	T	Naphthalene	50.000	56.519	-13.0	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	54.497	-9.0	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date/Time: 06/03/2025 10:03

Lab File ID: VY022511.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.322	1.316	0.1	-0.45	20
Vinyl Chloride	1.534	1.560		1.7	20
Bromomethane	1.470	1.393		-5.24	20
Chloroethane	1.053	1.102		4.65	20
Trichlorofluoromethane	1.302	1.272		-2.3	20
1,1,2-Trichlorotrifluoroethane	0.549	0.523		-4.74	20
1,1-Dichloroethene	0.524	0.513		-2.1	20
Acetone	0.114	0.097		-14.91	20
Carbon Disulfide	1.679	1.680		0.06	20
Methyl tert-butyl Ether	1.477	1.494		1.15	20
Methylene Chloride	0.645	0.579		-10.23	20
trans-1,2-Dichloroethene	0.587	0.598		1.87	20
1,1-Dichloroethane	1.079	1.105	0.1	2.41	20
2-Butanone	0.164	0.160		-2.44	20
Carbon Tetrachloride	0.497	0.487		-2.01	20
cis-1,2-Dichloroethene	0.678	0.701		3.39	20
Chloroform	1.069	1.105		3.37	20
1,1,1-Trichloroethane	0.949	0.968		2	20
Methylcyclohexane	0.651	0.616		-5.38	20
Benzene	1.431	1.436		0.35	20
1,2-Dichloroethane	0.391	0.395		1.02	20
Trichloroethene	0.350	0.343		-2	20
1,2-Dichloropropane	0.338	0.343		1.48	20
Bromodichloromethane	0.482	0.494		2.49	20
4-Methyl-2-Pentanone	0.233	0.236		1.29	20
Toluene	0.899	0.901		0.22	20
t-1,3-Dichloropropene	0.452	0.460		1.77	20
cis-1,3-Dichloropropene	0.526	0.531		0.95	20
1,1,2-Trichloroethane	0.243	0.243		0	20
2-Hexanone	0.156	0.155		-0.64	20
Dibromochloromethane	0.308	0.312		1.3	20
Tetrachloroethene	0.430	0.422		-1.86	20
Chlorobenzene	1.106	1.118	0.3	1.09	20
Ethyl Benzene	2.052	2.059		0.34	20
m/p-Xylenes	0.778	0.765		-1.67	20
o-Xylene	0.729	0.713		-2.19	20
Styrene	1.206	1.220		1.16	20
Bromoform	0.198	0.195	0.1	-1.51	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date/Time: 06/03/2025 10:03

Lab File ID: VY022511.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	4.105	4.015		-2.19	20
1,1,2,2-Tetrachloroethane	0.674	0.669	0.3	-0.74	20
1,3-Dichlorobenzene	1.755	1.733		-1.25	20
1,4-Dichlorobenzene	1.702	1.659		-2.53	20
1,2-Dichlorobenzene	1.490	1.467		-1.54	20
1,2-Dichloroethane-d4	0.559	0.576		3.04	20
Dibromofluoromethane	0.298	0.300		0.67	20
Toluene-d8	1.206	1.224		1.49	20
4-Bromofluorobenzene	0.359	0.354		-1.39	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	187797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	325302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	108238	51.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.060%			
35) Dibromofluoromethane	7.640	113	97475	50.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.109	98	398159	50.750	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.407	95	115160	49.265	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	75927	45.159	ug/l	99
3) Chloromethane	2.068	50	247189	49.765	ug/l	98
4) Vinyl Chloride	2.208	62	292986	50.846	ug/l	99
5) Bromomethane	2.598	94	261600	47.366	ug/l	99
6) Chloroethane	2.738	64	206973	52.331	ug/l	98
7) Trichlorofluoromethane	3.055	101	238847	48.826	ug/l	99
8) Diethyl Ether	3.458	74	55565	50.439	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.823	101	98243	47.685	ug/l	99
10) Methyl Iodide	4.006	142	116238	52.134	ug/l	99
11) Tert butyl alcohol	4.890	59	37588	250.557	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96260	48.879	ug/l	95
13) Acrolein	3.659	56	44427	237.627	ug/l	98
14) Allyl chloride	4.390	41	154530	49.983	ug/l	99
15) Acrylonitrile	5.067	53	118258	253.468	ug/l	99
16) Acetone	3.884	43	91451	214.391	ug/l	97
17) Carbon Disulfide	4.110	76	315520	50.043	ug/l	97
18) Methyl Acetate	4.390	43	69944	55.372	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	280632	50.593	ug/l	99
20) Methylene Chloride	4.622	84	108749	44.882	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	112230	50.918	ug/l	100
22) Diisopropyl ether	6.024	45	347494	50.496	ug/l	98
23) Vinyl Acetate	5.969	43	1020040	250.435	ug/l	100
24) 1,1-Dichloroethane	5.921	63	207429	51.165	ug/l	99
25) 2-Butanone	6.902	43	150087	243.928	ug/l	96
26) 2,2-Dichloropropane	6.890	77	179492	50.109	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	131693	51.693	ug/l	98
28) Bromochloromethane	7.250	49	104897	59.357	ug/l	99
29) Tetrahydrofuran	7.268	42	100100	252.240	ug/l	98
30) Chloroform	7.426	83	207435	51.658	ug/l	92
31) Cyclohexane	7.707	56	185038	45.846	ug/l	98
32) 1,1,1-Trichloroethane	7.621	97	181822	51.007	ug/l	100
36) 1,1-Dichloropropene	7.841	75	153258	48.633	ug/l	99
37) Ethyl Acetate	6.994	43	69356	49.352	ug/l	98
38) Carbon Tetrachloride	7.823	117	158278	48.960	ug/l	98
39) Methylcyclohexane	9.115	83	200361	47.312	ug/l	95
40) Benzene	8.085	78	467282	50.204	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	41205m	50.197	ug/l		
42) 1,2-Dichloroethane	8.164	62	128548	50.581	ug/l		98
43) Isopropyl Acetate	8.201	43	150269	49.510	ug/l		99
44) Trichloroethene	8.871	130	111488	49.009	ug/l		95
45) 1,2-Dichloropropane	9.146	63	111633	50.749	ug/l		95
46) Dibromomethane	9.231	93	62344	50.378	ug/l		99
47) Bromodichloromethane	9.426	83	160659	51.199	ug/l		97
48) Methyl methacrylate	9.225	41	72544	50.927	ug/l		99
49) 1,4-Dioxane	9.243	88	13838	943.857	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	383731	253.585	ug/l		99
52) Toluene	10.176	92	292952	50.084	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	149694	50.914	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	172592	50.428	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	79092	50.121	ug/l		96
56) Ethyl methacrylate	10.444	69	114501	50.203	ug/l		99
57) 1,3-Dichloropropane	10.718	76	139564	49.900	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	279007	269.440	ug/l		100
59) 2-Hexanone	10.761	43	251489	248.499	ug/l		99
60) Dibromochloromethane	10.914	129	101429	50.578	ug/l		98
61) 1,2-Dibromoethane	11.017	107	73106	50.829	ug/l		97
64) Tetrachloroethene	10.651	164	116688	49.032	ug/l		98
65) Chlorobenzene	11.444	112	309162	50.500	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	102149	49.530	ug/l		99
67) Ethyl Benzene	11.523	91	569736	50.175	ug/l		97
68) m/p-Xylenes	11.633	106	423248	98.325	ug/l		99
69) o-Xylene	11.956	106	197139	48.847	ug/l		95
70) Styrene	11.968	104	337617	50.608	ug/l		99
71) Bromoform	12.133	173	54008	49.211	ug/l	#	97
73) Isopropylbenzene	12.255	105	523520	48.906	ug/l		99
74) N-amyl acetate	12.072	43	134344	49.739	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.511	83	87261	49.668	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	83401m	55.912	ug/l		
77) Bromobenzene	12.535	156	112367	49.743	ug/l		99
78) n-propylbenzene	12.596	91	641434	49.060	ug/l		99
79) 2-Chlorotoluene	12.682	91	340867	49.190	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	416181	49.521	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	30494	49.369	ug/l		96
82) 4-Chlorotoluene	12.779	91	343404	48.038	ug/l		99
83) tert-Butylbenzene	12.999	119	371831	49.296	ug/l		100
84) 1,2,4-Trimethylbenzene	13.047	105	417788	49.704	ug/l		100
85) sec-Butylbenzene	13.175	105	567452	49.121	ug/l		100
86) p-Isopropyltoluene	13.291	119	464860	48.819	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	225894	49.356	ug/l		100
88) 1,4-Dichlorobenzene	13.370	146	216249	48.715	ug/l		99
89) n-Butylbenzene	13.620	91	452386	50.075	ug/l		99
90) Hexachloroethane	13.883	117	91854	49.550	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	191317	49.234	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13456	52.605	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	108808	51.341	ug/l		96
94) Hexachlorobutadiene	15.023	225	56388	48.206	ug/l		98
95) Naphthalene	15.145	128	209808	51.588	ug/l		99
96) 1,2,3-Trichlorobenzene	15.327	180	91404	50.325	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

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

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

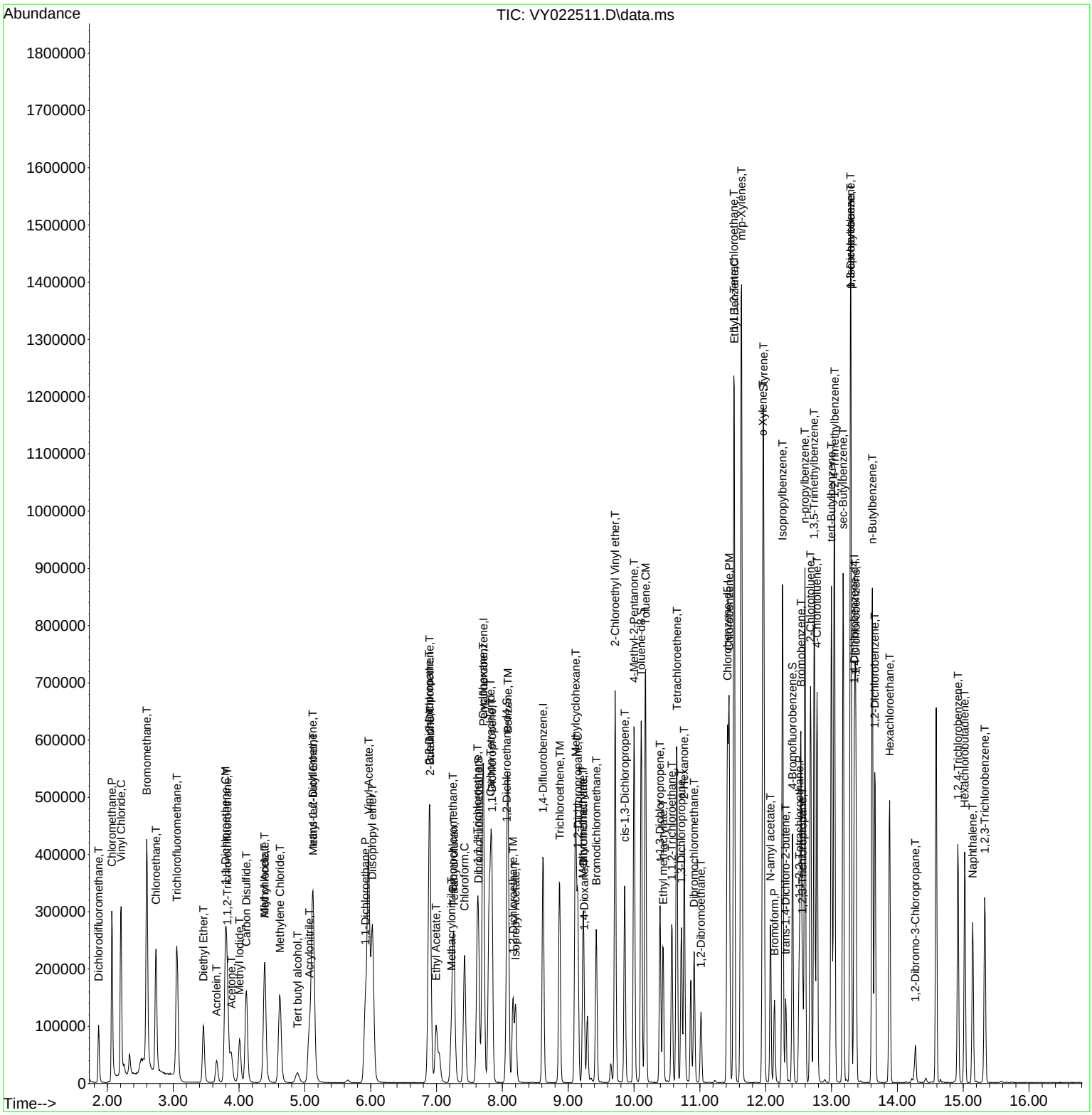
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

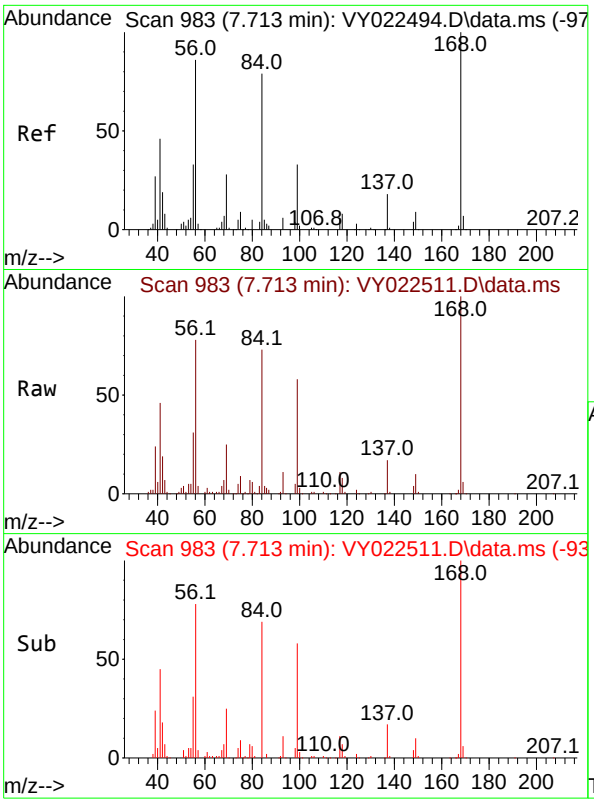
Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

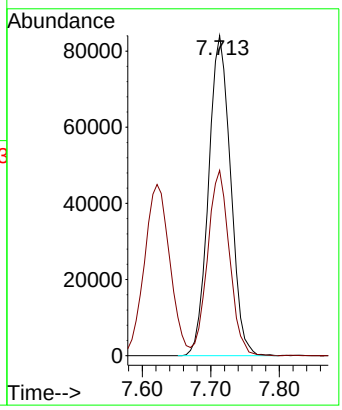




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:168 Resp: 18779

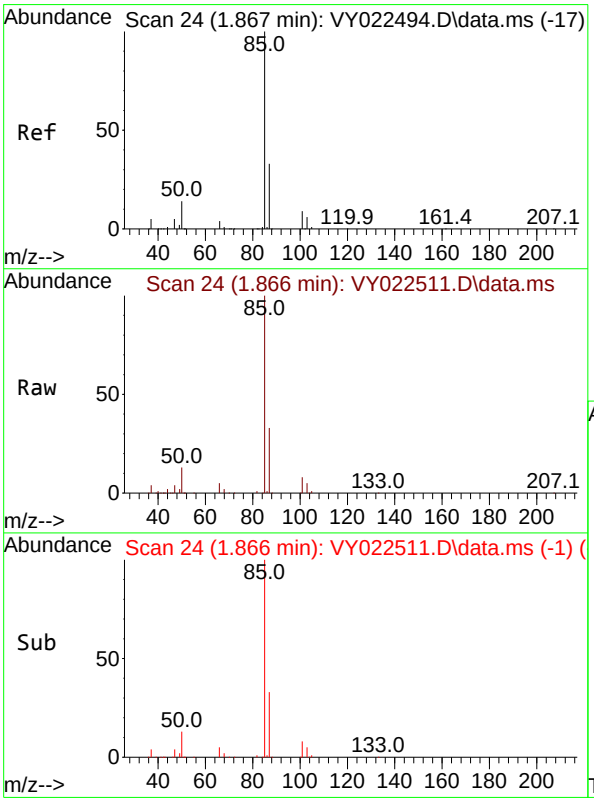
Ion	Ratio	Lower	Upper
168	100		
99	57.9	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

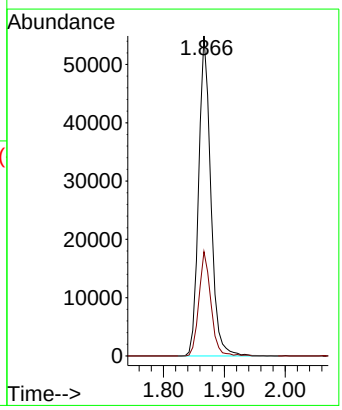
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

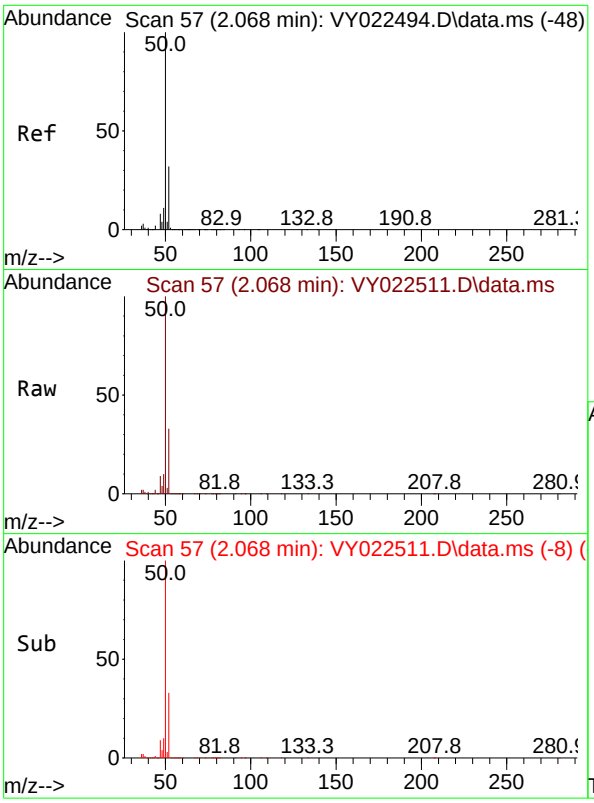


#2
Dichlorodifluoromethane
Concen: 45.159 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 85 Resp: 75927

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.7	50.0

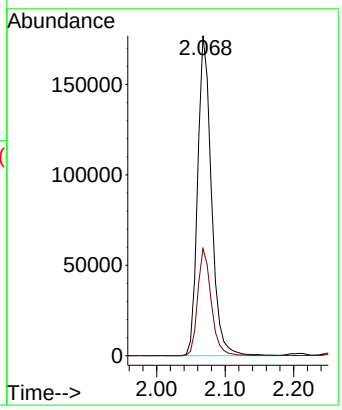




#3
Chloromethane
Concen: 49.765 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 50 Resp: 24718

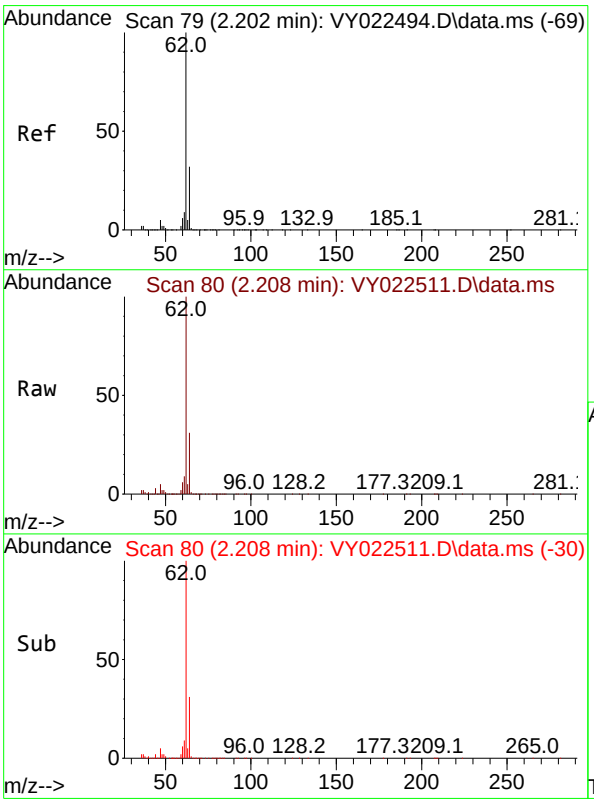
Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

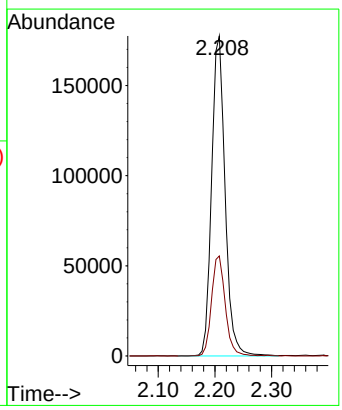
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

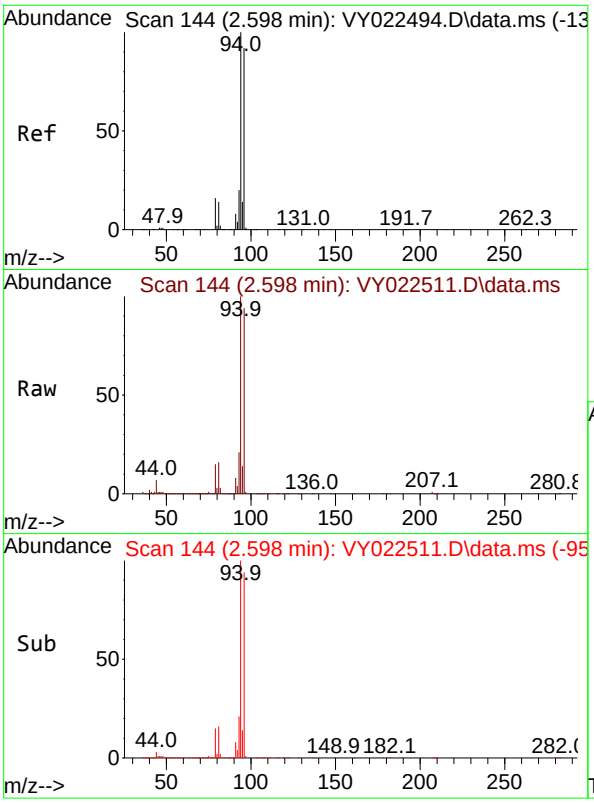


#4
Vinyl Chloride
Concen: 50.846 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 292986

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.3	37.9





#5
Bromomethane
Concen: 47.366 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

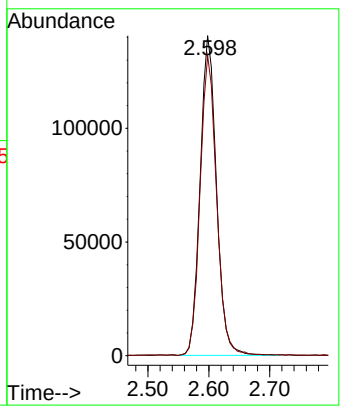
Tgt Ion: 94 Resp: 26160

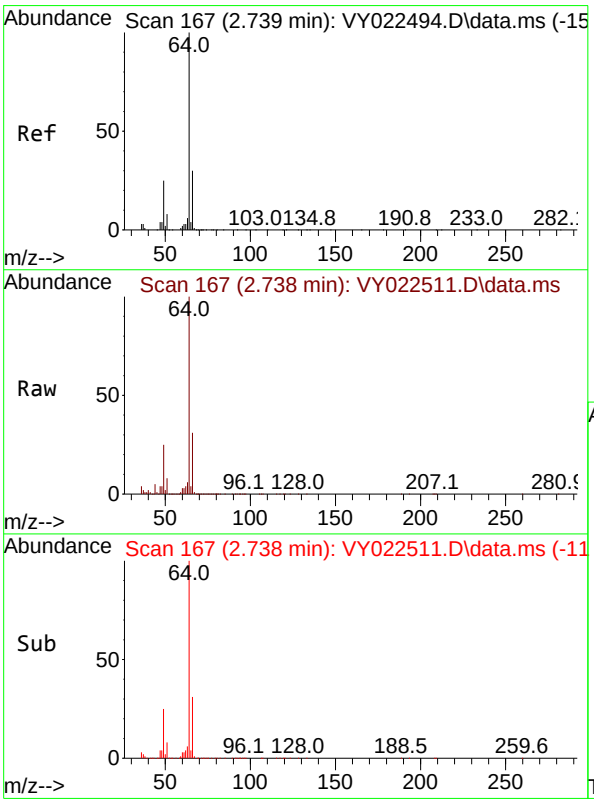
Ion	Ratio	Lower	Upper
94	100		
96	93.8	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

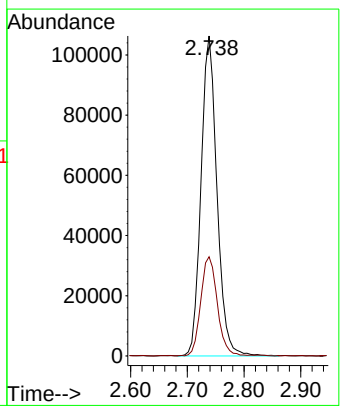


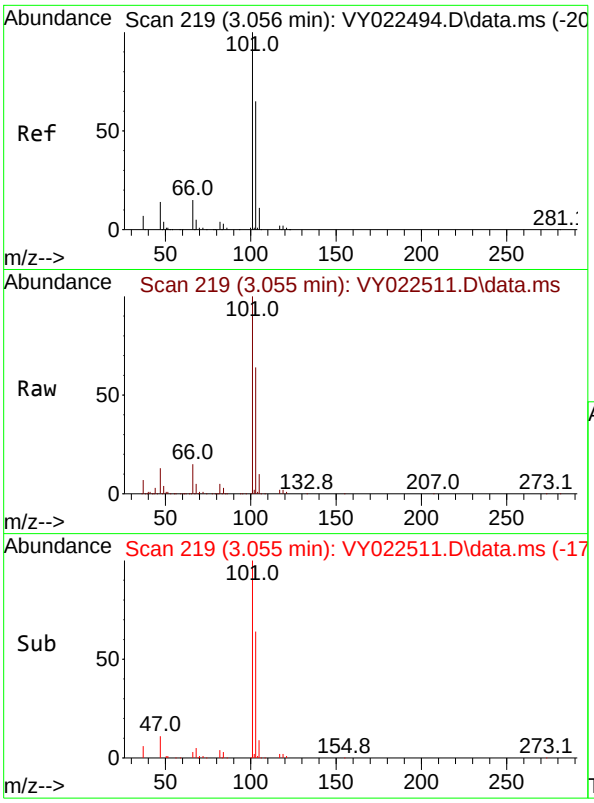


#6
Chloroethane
Concen: 52.331 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 64 Resp: 206973

Ion	Ratio	Lower	Upper
64	100		
66	30.9	23.8	35.6





#7
Trichlorofluoromethane
Concen: 48.826 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

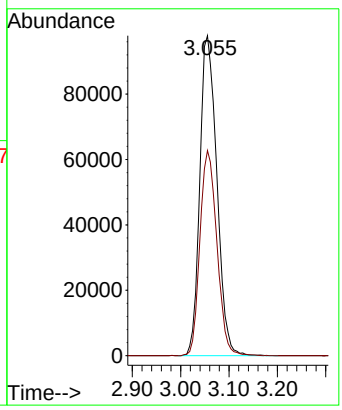
Tgt Ion:101 Resp: 23884

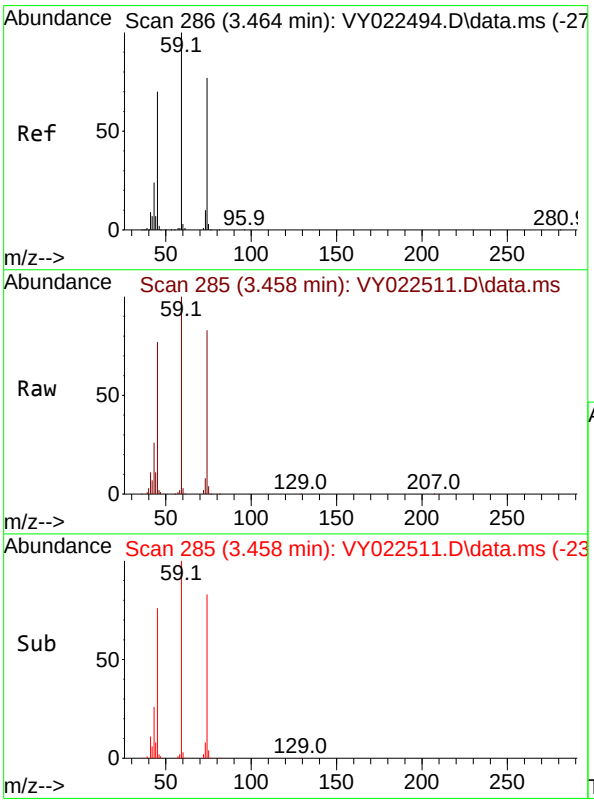
Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

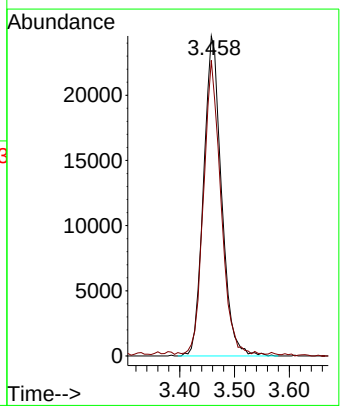


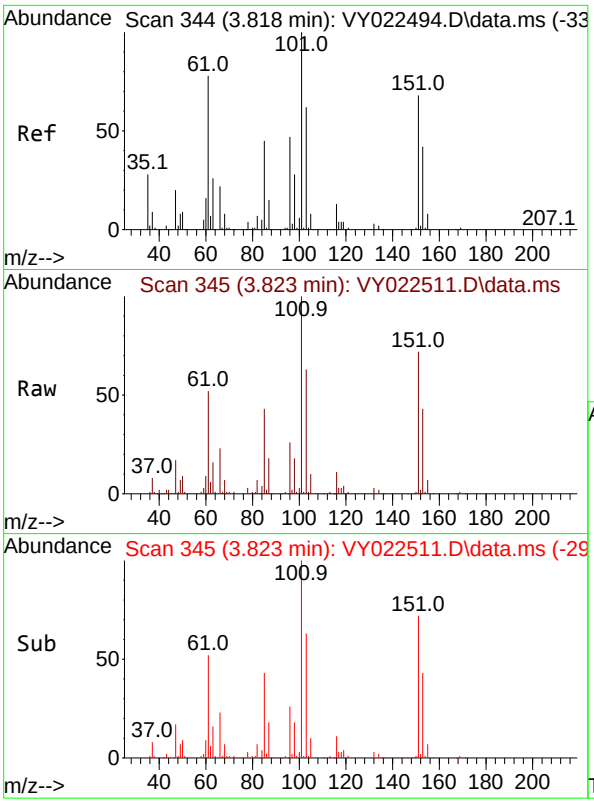


#8
Diethyl Ether
Concen: 50.439 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 74 Resp: 55565

Ion	Ratio	Lower	Upper
74	100		
45	88.8	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.685 ug/l
RT: 3.823 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

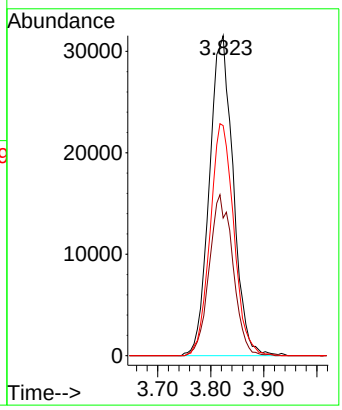
Tgt Ion:101 Resp: 9824

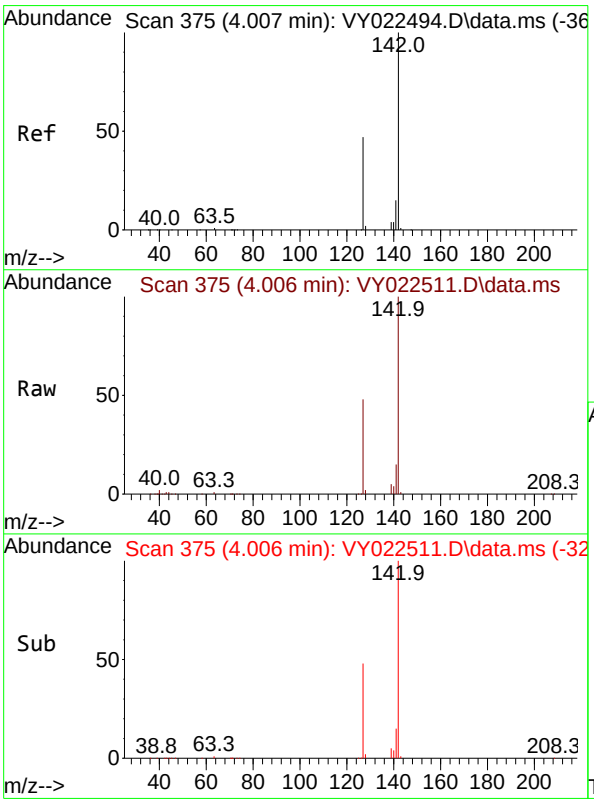
Ion	Ratio	Lower	Upper
101	100		
85	50.1	39.3	58.9
151	72.5	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

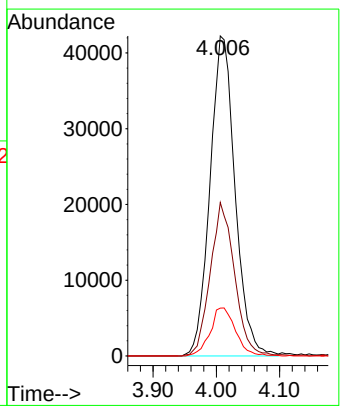


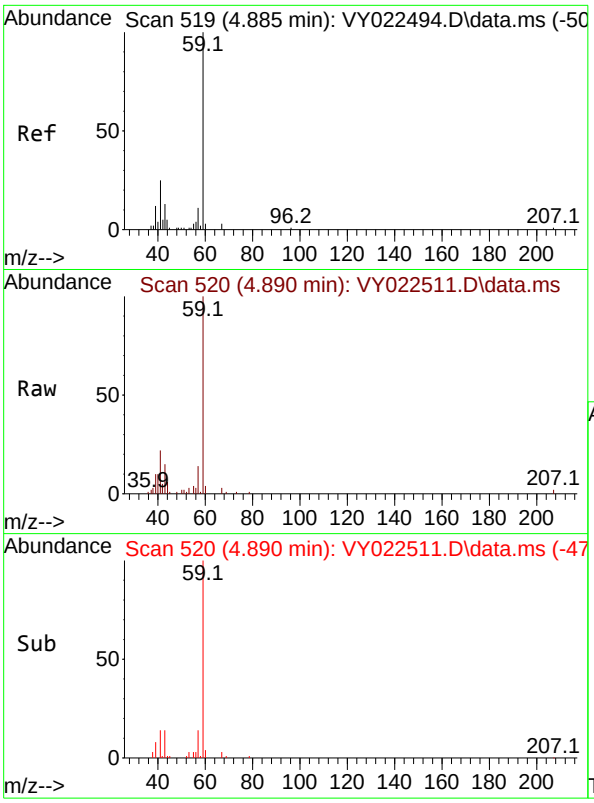


#10
Methyl Iodide
Concen: 52.134 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:142 Resp: 116238

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.1	55.7
141	15.2	11.4	17.2

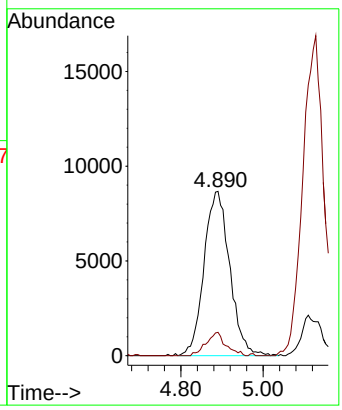




#11
Tert butyl alcohol
Concen: 250.557 ug/l
RT: 4.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 59 Resp: 3758

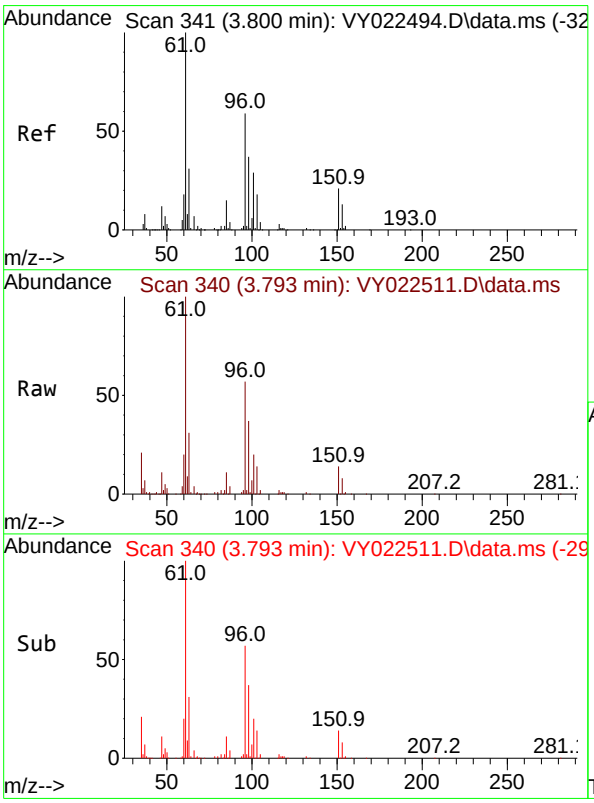
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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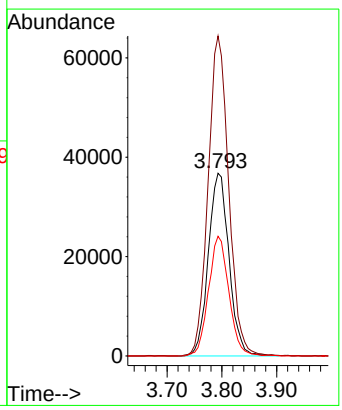
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

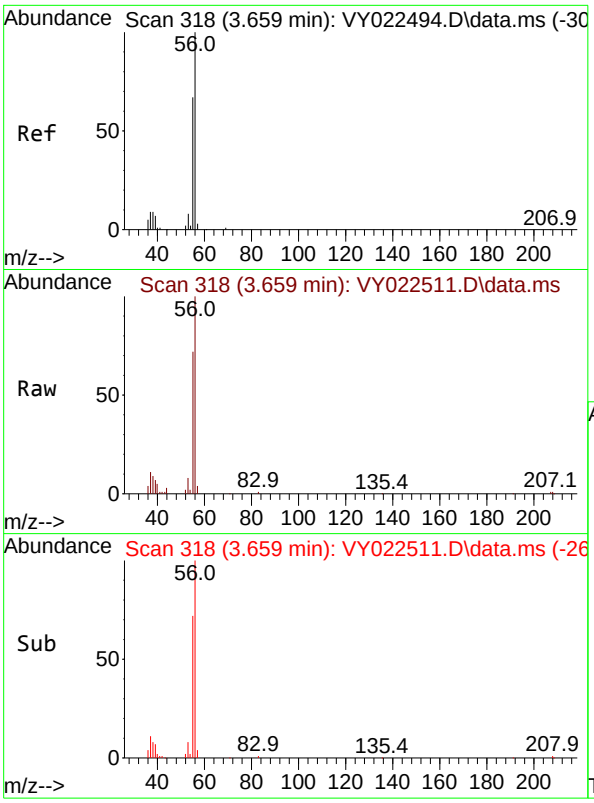


#12
1,1-Dichloroethene
Concen: 48.879 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 96 Resp: 96260

Ion	Ratio	Lower	Upper
96	100		
61	175.2	134.6	201.8
98	65.5	50.2	75.4

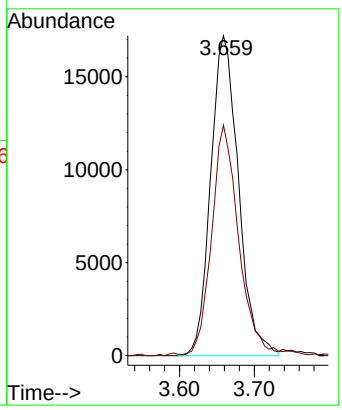




#13
Acrolein
Concen: 237.627 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 56 Resp: 4442

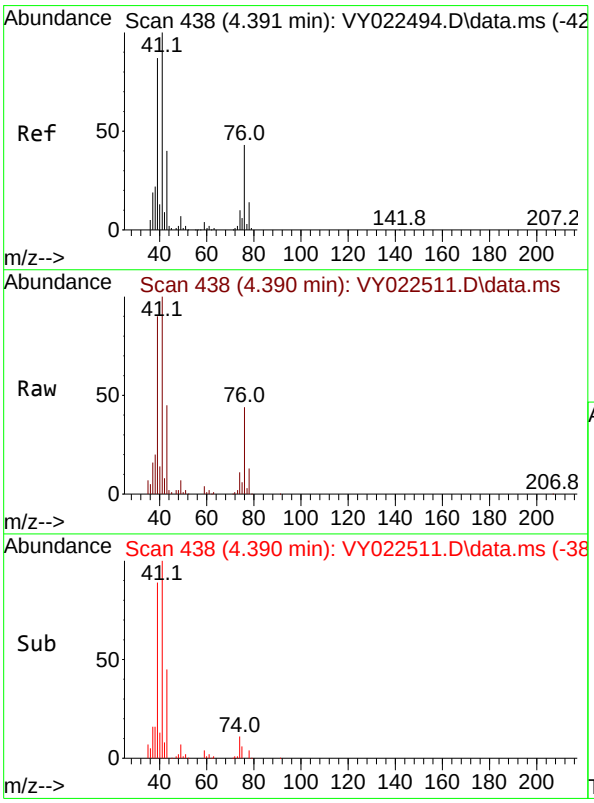
Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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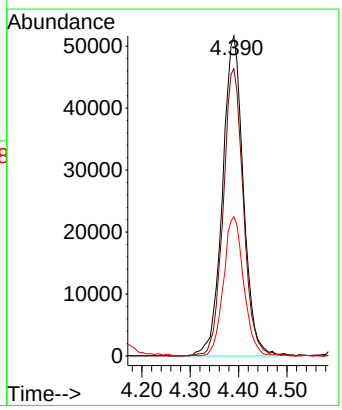
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

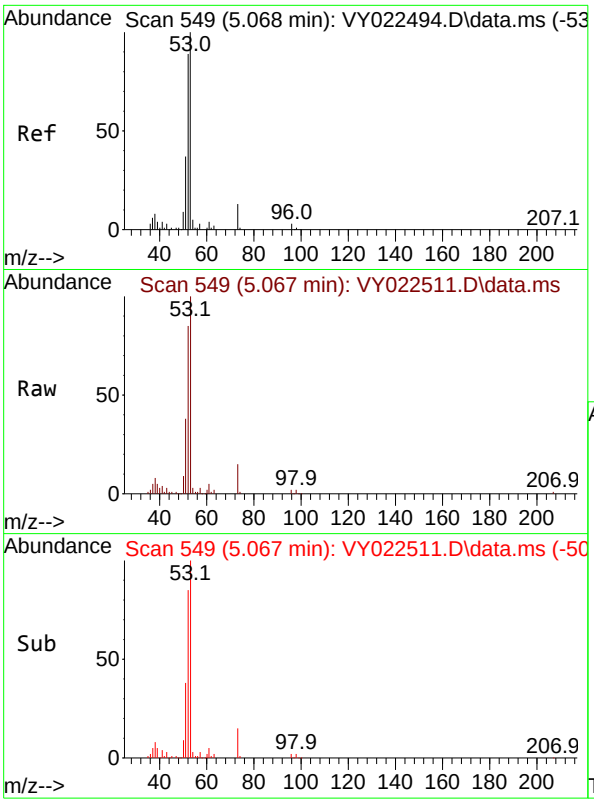


#14
Allyl chloride
Concen: 49.983 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 154530

Ion	Ratio	Lower	Upper
41	100		
39	87.1	69.1	103.7
76	42.3	33.5	50.3

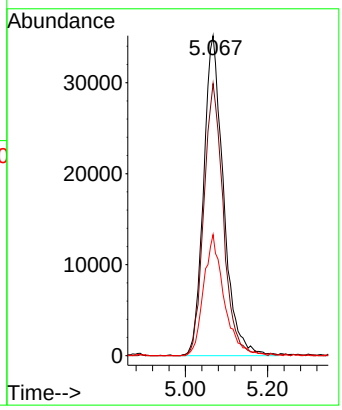




#15
Acrylonitrile
Concen: 253.468 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 53 Resp: 118258

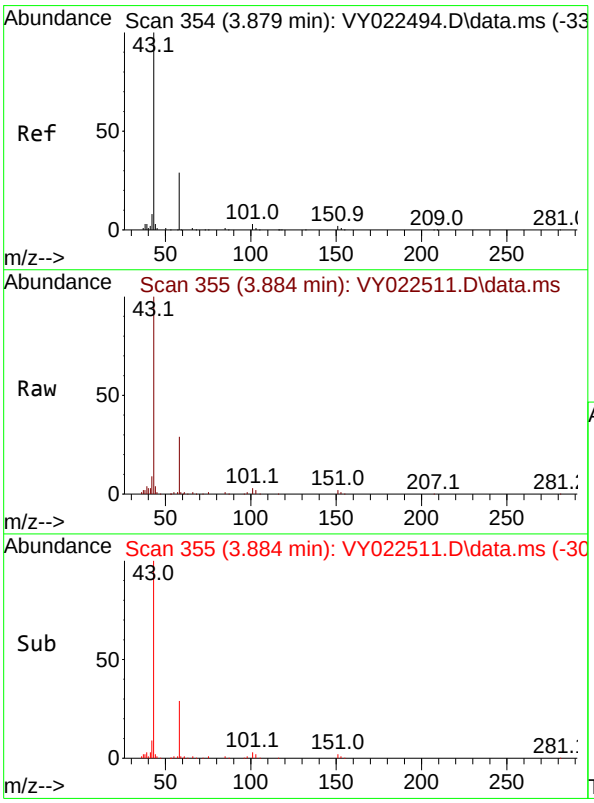
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.7	98.5
51	38.7	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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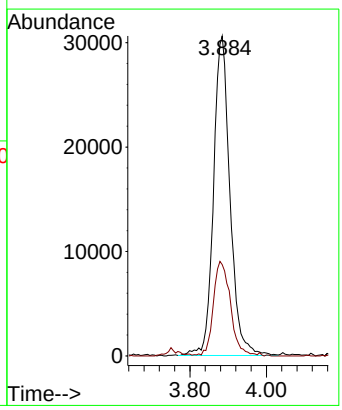
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

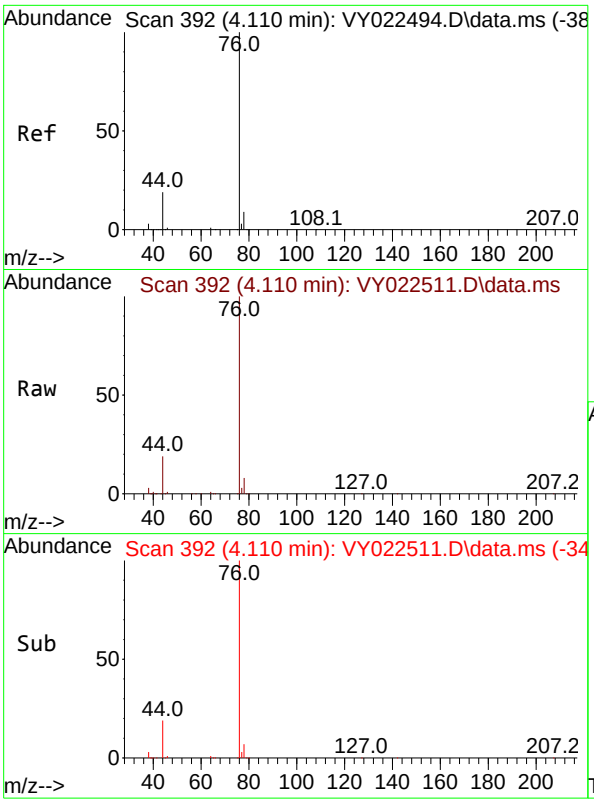


#16
Acetone
Concen: 214.391 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 91451

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.0	36.0





#17
Carbon Disulfide
Concen: 50.043 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

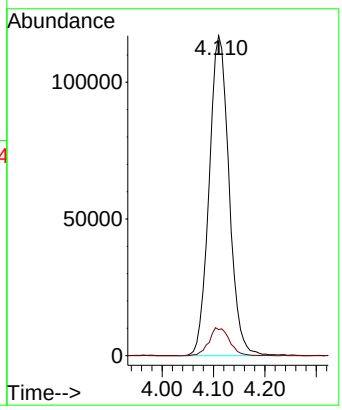
Tgt Ion: 76 Resp: 31552

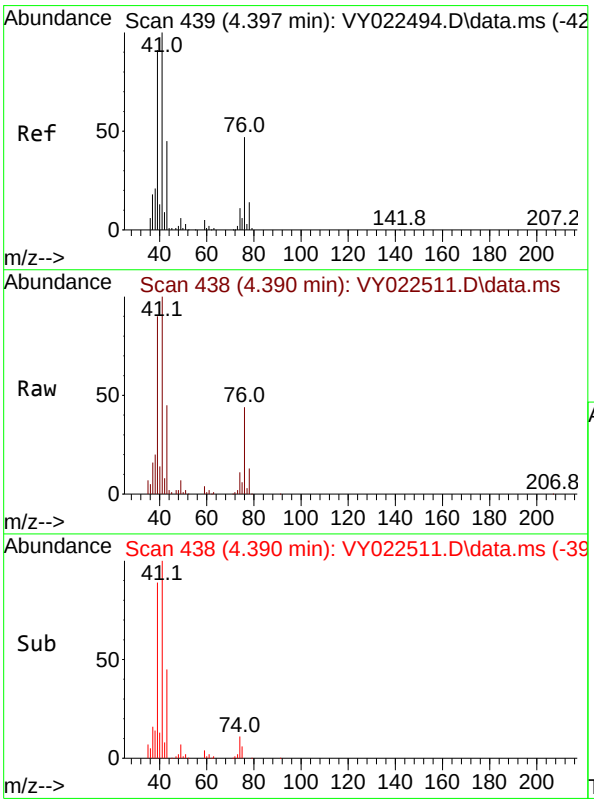
Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

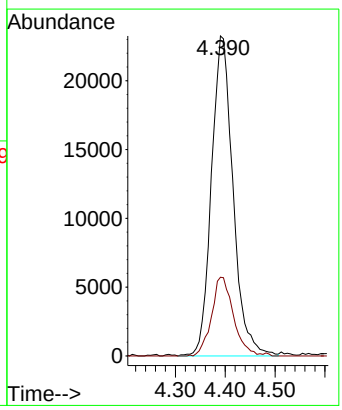


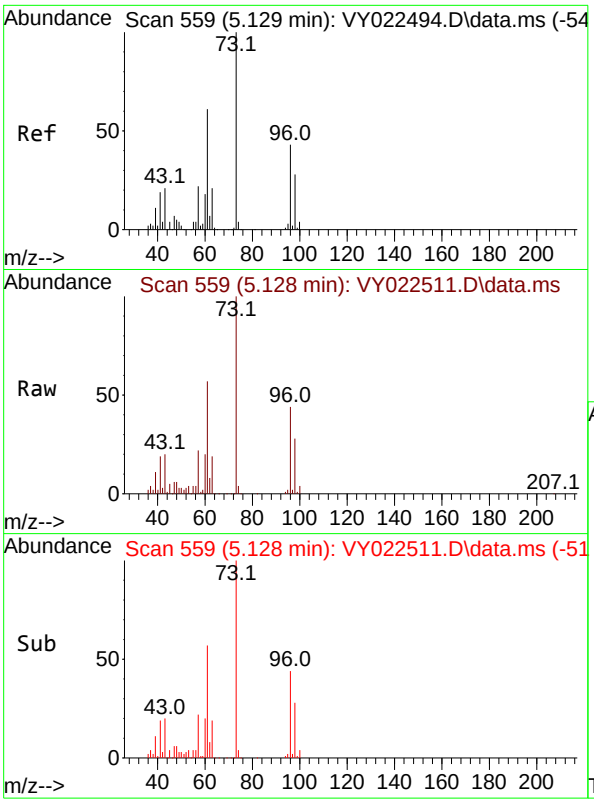


#18
Methyl Acetate
Concen: 55.372 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 69944

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 50.593 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

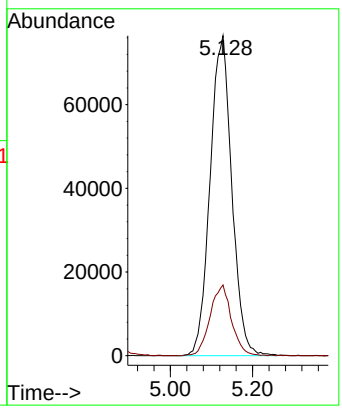
Tgt Ion: 73 Resp: 28063

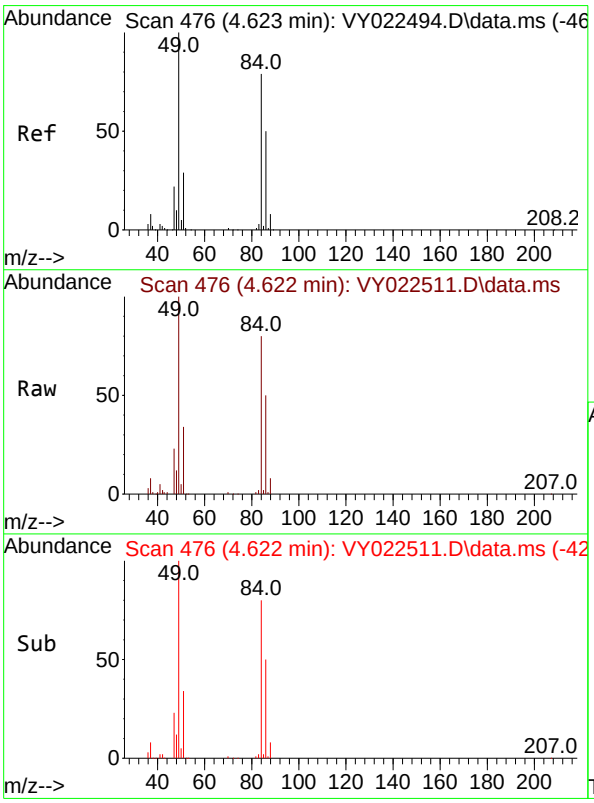
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

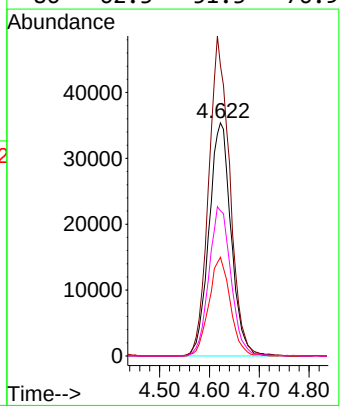


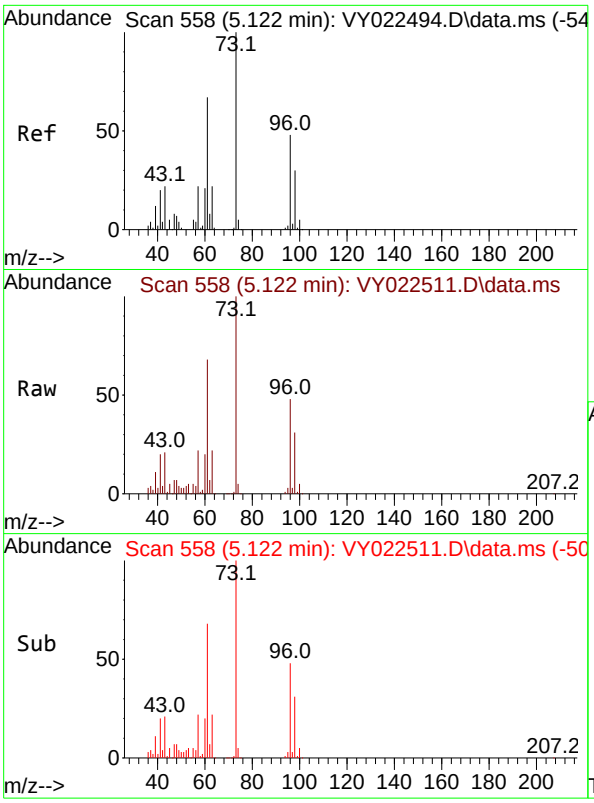


#20
Methylene Chloride
Concen: 44.882 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 84 Resp: 108749

Ion	Ratio	Lower	Upper
84	100		
49	124.6	101.9	152.9
51	42.4	29.8	44.8
86	62.3	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 50.918 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

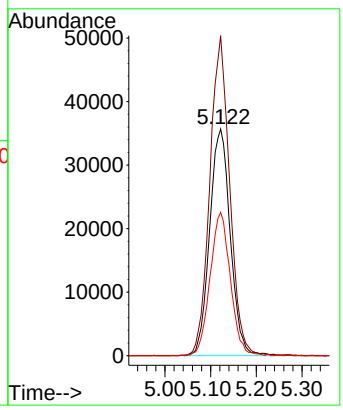
Tgt Ion: 96 Resp: 11223

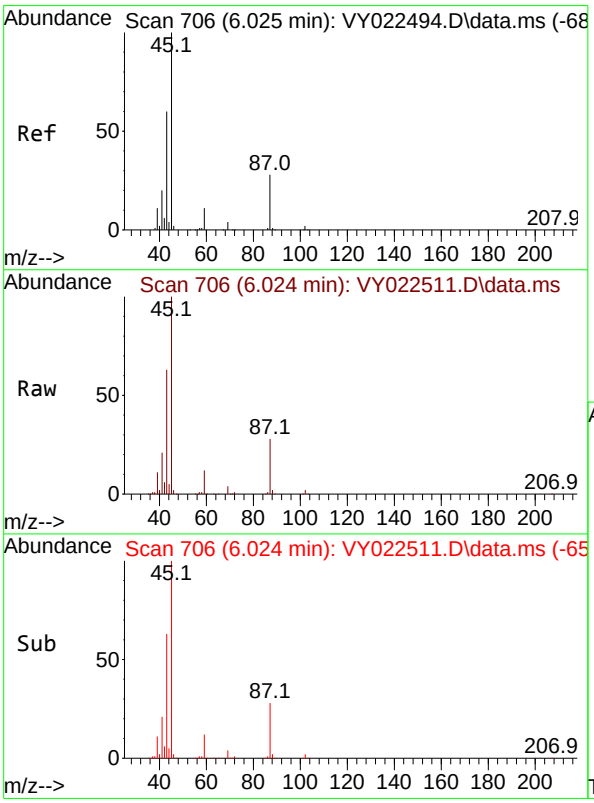
Ion	Ratio	Lower	Upper
96	100		
61	141.1	112.6	169.0
98	63.1	50.6	75.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

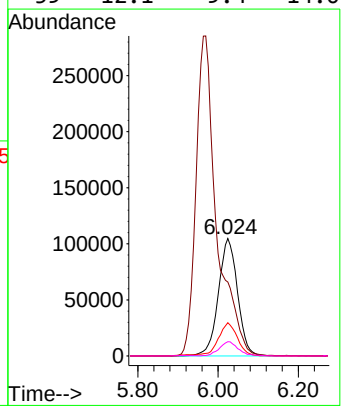


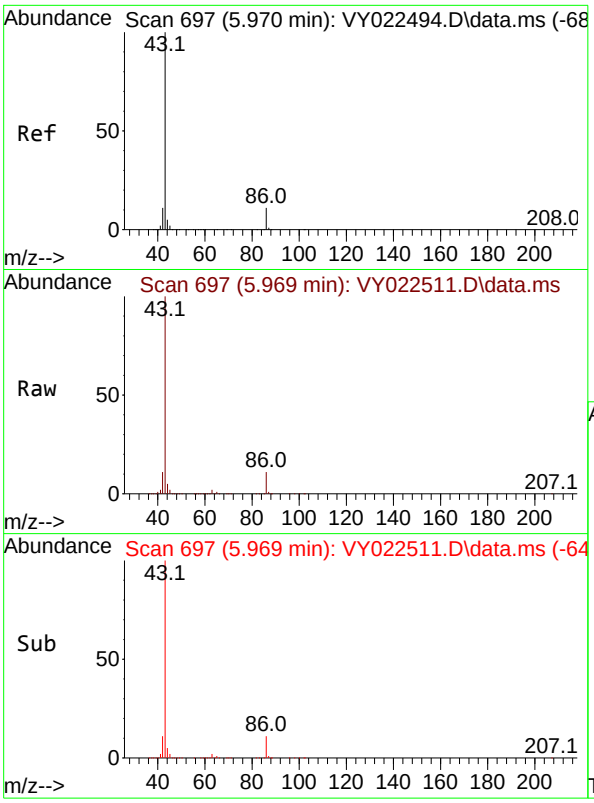


#22
Diisopropyl ether
Concen: 50.496 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 45 Resp: 347494

Ion	Ratio	Lower	Upper
45	100		
43	62.6	48.3	72.5
87	28.3	23.0	34.6
59	12.1	9.4	14.0

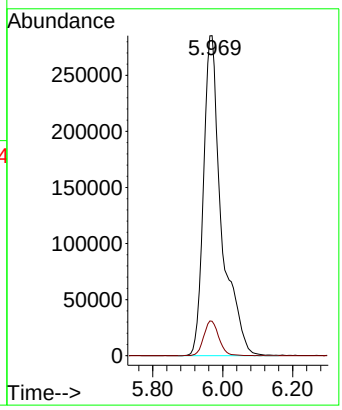




#23
Vinyl Acetate
Concen: 250.435 ug/l
RT: 5.969 min Scan# 6
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 102004

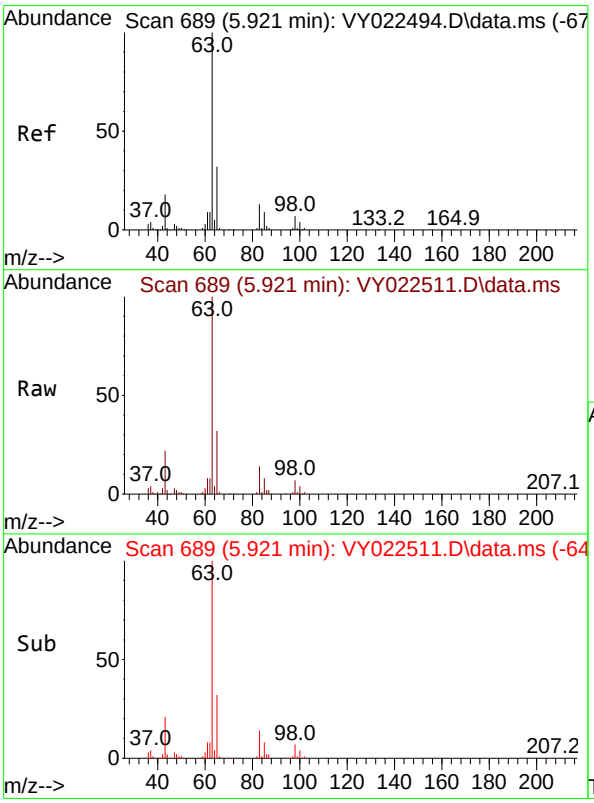
Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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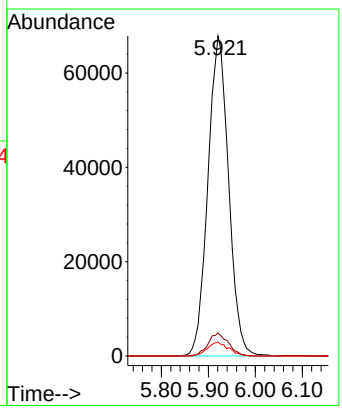
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

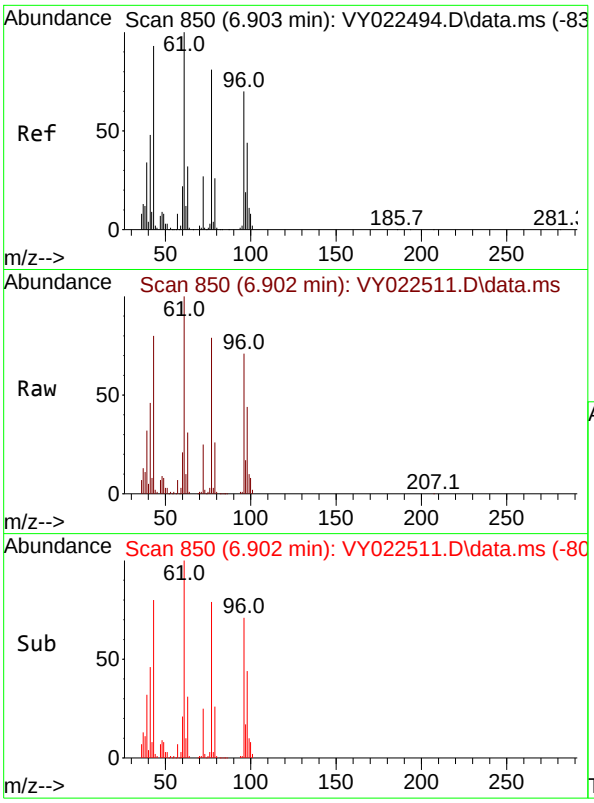


#24
1,1-Dichloroethane
Concen: 51.165 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 207429

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.3	2.1	6.3

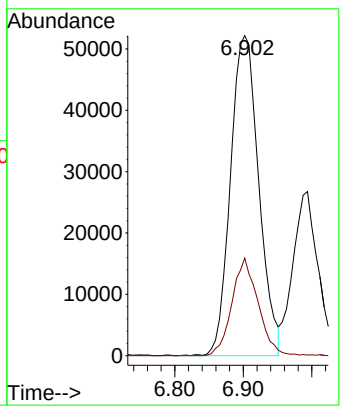




#25
2-Butanone
Concen: 243.928 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 15008

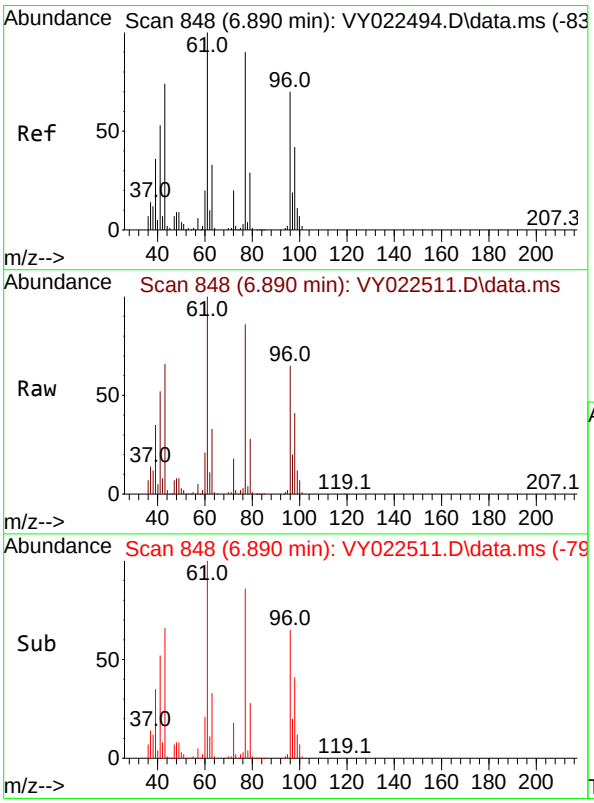
Ion	Ratio	Lower	Upper
43	100		
72	30.5	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

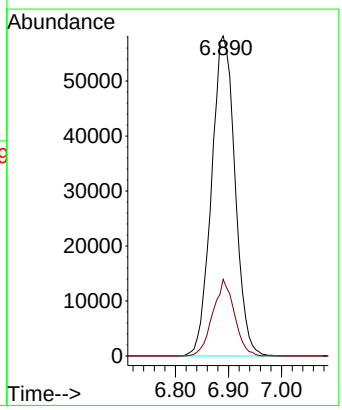
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

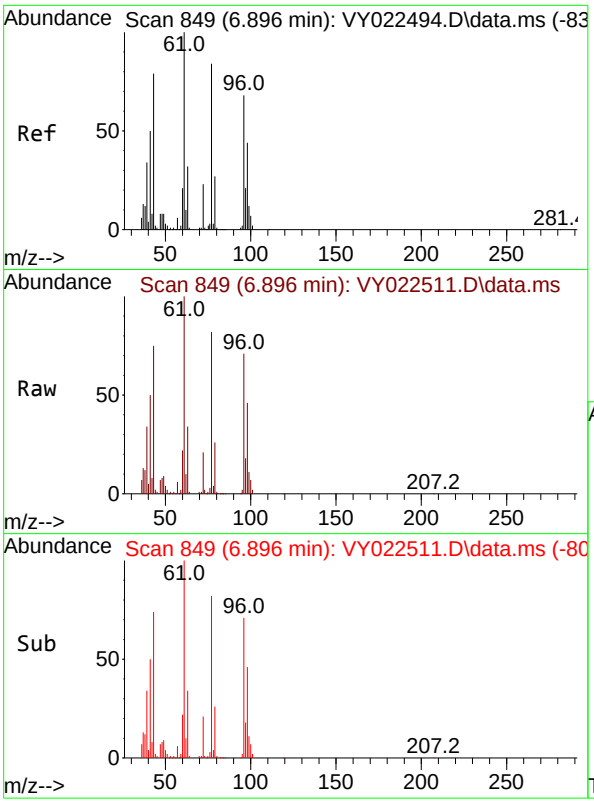


#26
2,2-Dichloropropane
Concen: 50.109 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 77 Resp: 179492

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.2

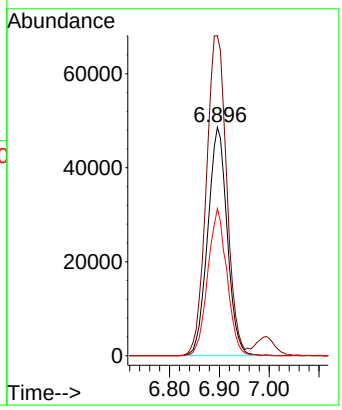




#27
cis-1,2-Dichloroethene
Concen: 51.693 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 96 Resp: 13169

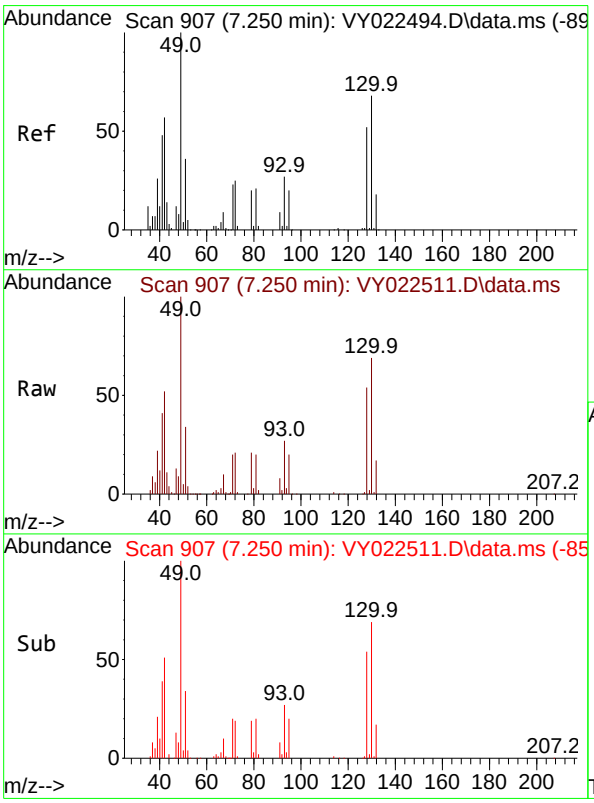
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.0
98	63.4	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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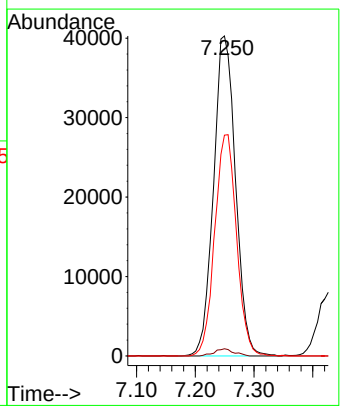
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

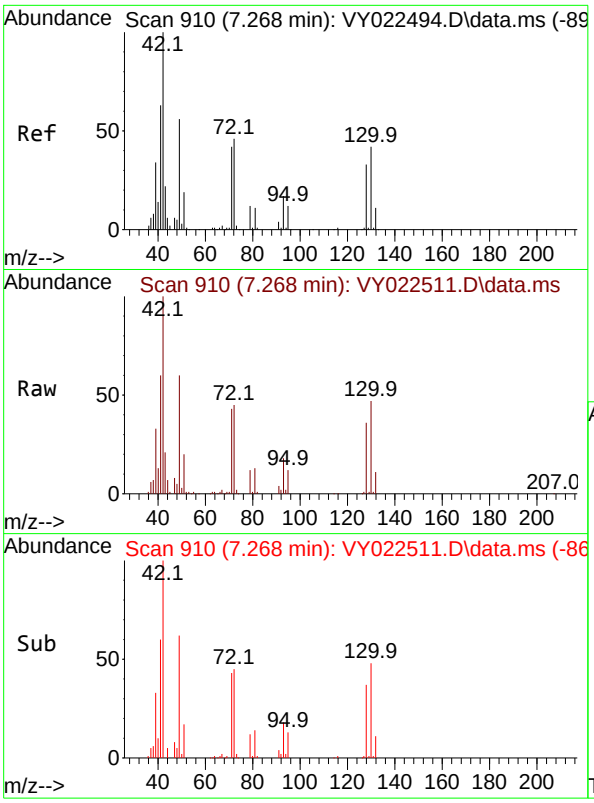


#28
Bromochloromethane
Concen: 59.357 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 49 Resp: 104897

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	68.6	55.7	83.5





#29
Tetrahydrofuran
Concen: 252.240 ug/l
RT: 7.268 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

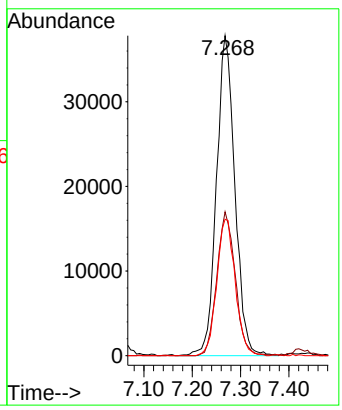
Tgt Ion: 42 Resp: 10010

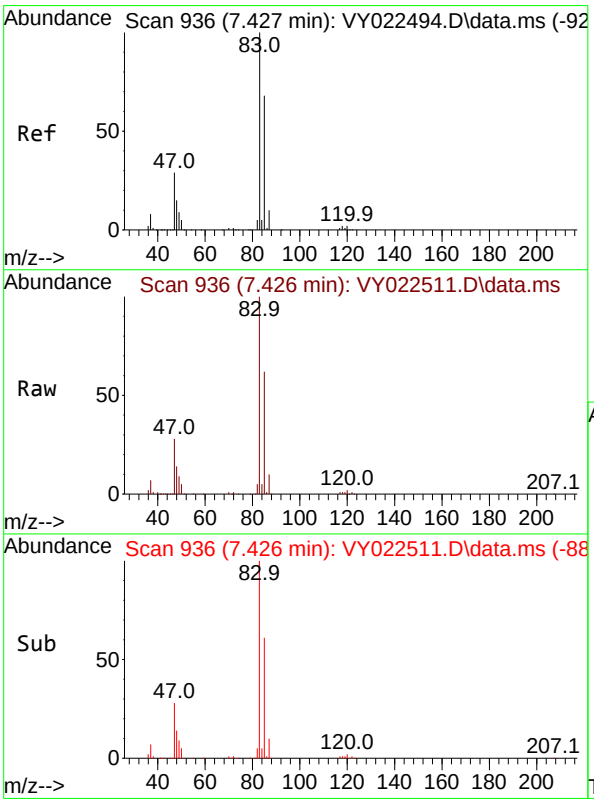
Ion	Ratio	Lower	Upper
42	100		
72	45.0	37.4	56.2
71	42.9	34.2	51.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

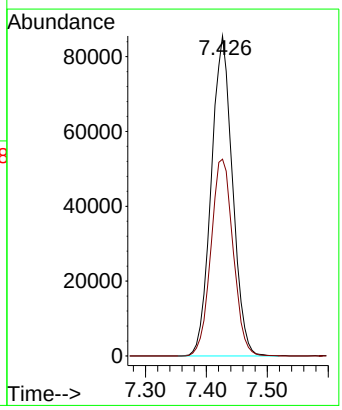


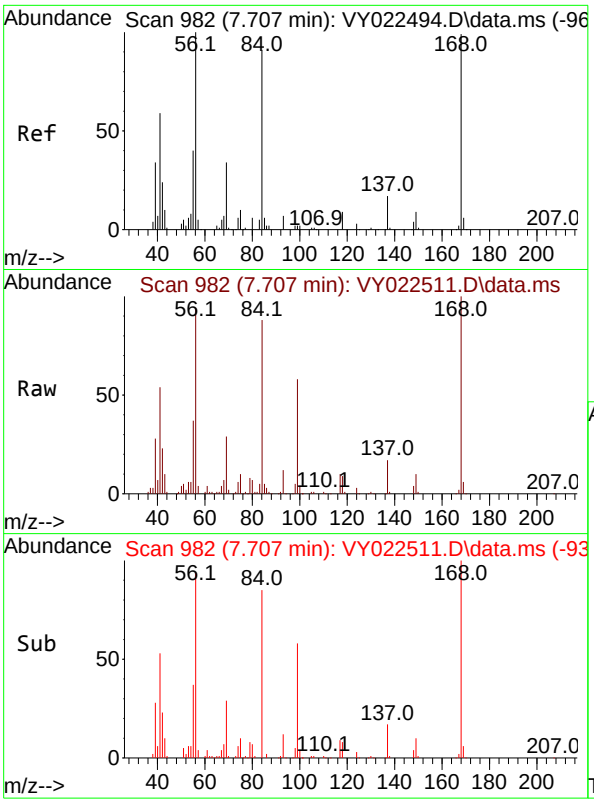


#30
Chloroform
Concen: 51.658 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 83 Resp: 207435

Ion	Ratio	Lower	Upper
83	100		
85	61.5	54.2	81.4





#31
Cyclohexane
Concen: 45.846 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

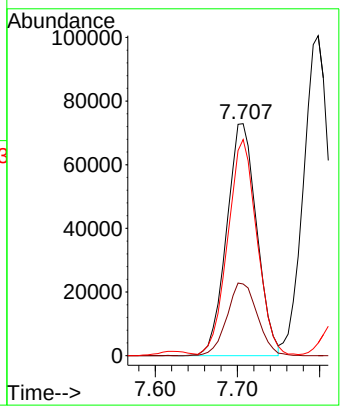
Tgt Ion: 56 Resp: 18503

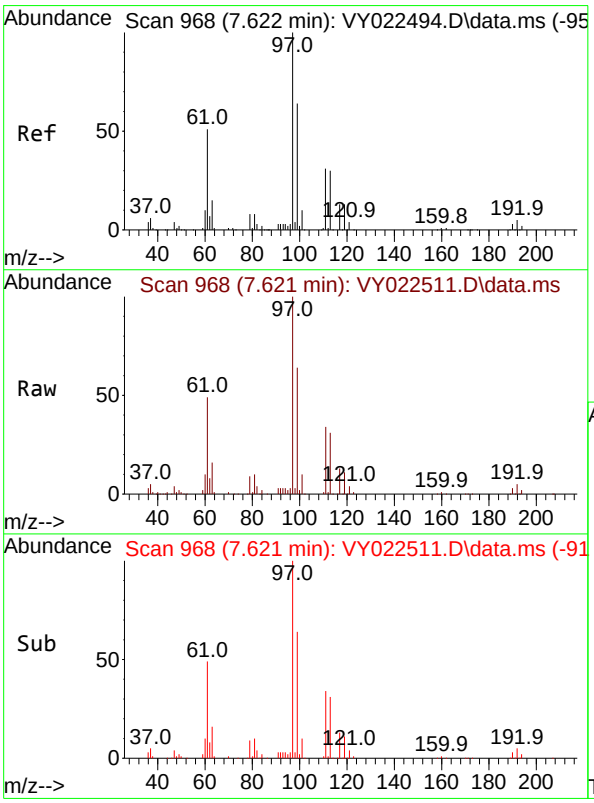
Ion	Ratio	Lower	Upper
56	100		
69	30.9	27.0	40.6
84	91.4	72.6	109.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

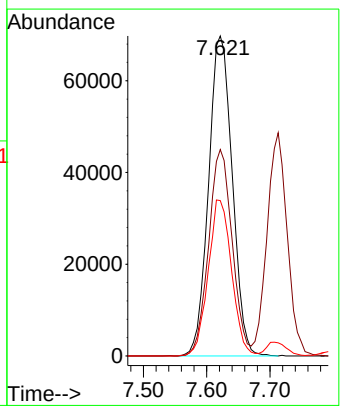


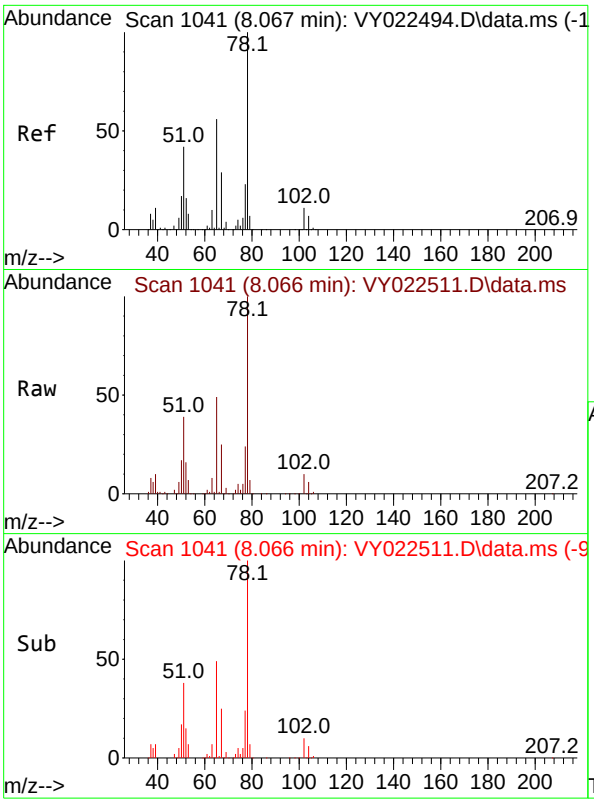


#32
1,1,1-Trichloroethane
Concen: 51.007 ug/l
RT: 7.621 min Scan# 968
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 97 Resp: 181822

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	48.1	38.5	57.7

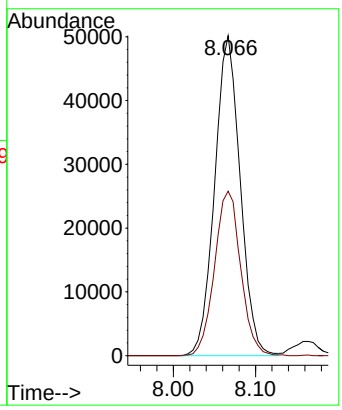




#33
1,2-Dichloroethane-d4
Concen: 51.532 ug/l
RT: 8.066 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 65 Resp: 10823

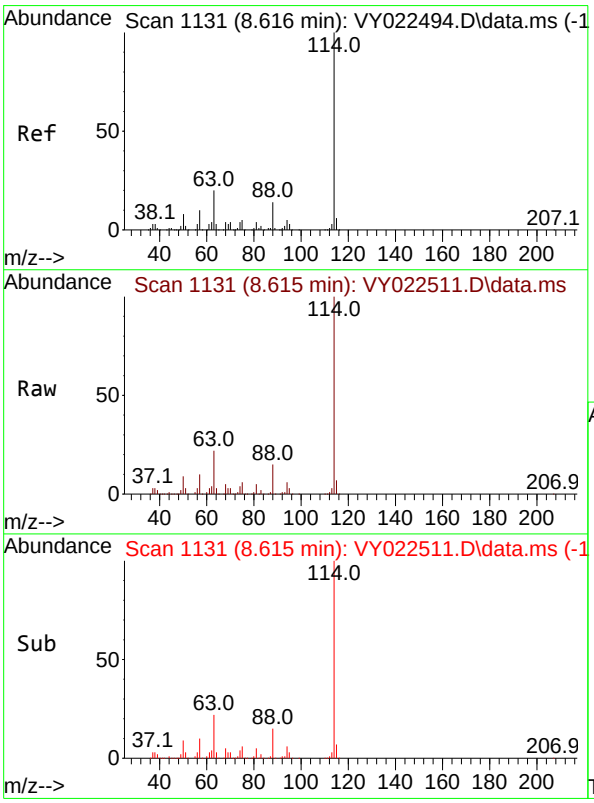
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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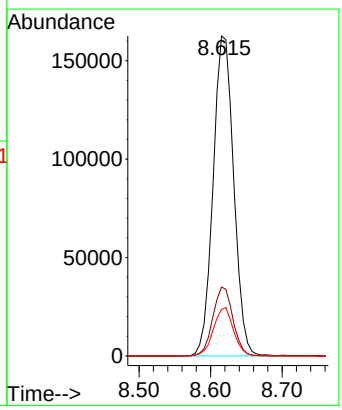
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

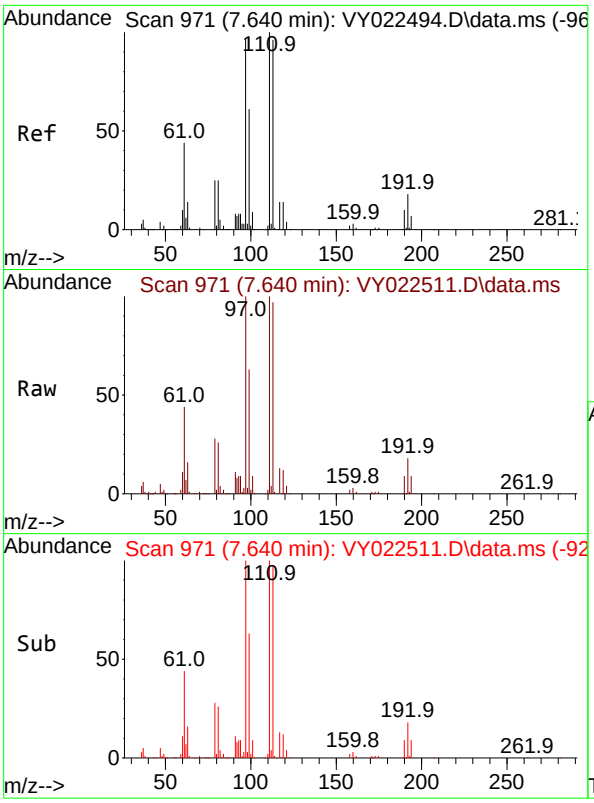


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:114 Resp: 325302

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.8
88	14.5	0.0	27.8

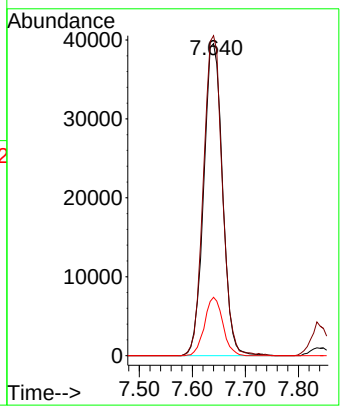




#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:113 Resp: 9747

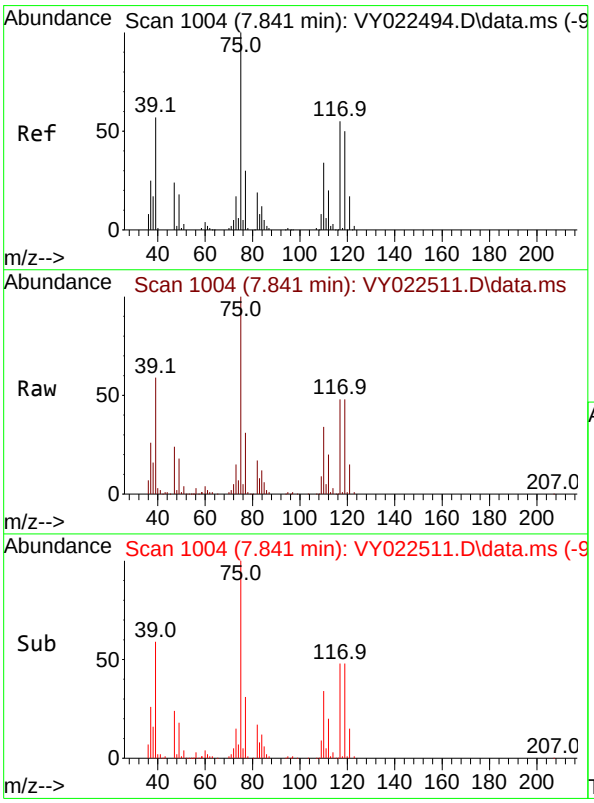
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	18.2	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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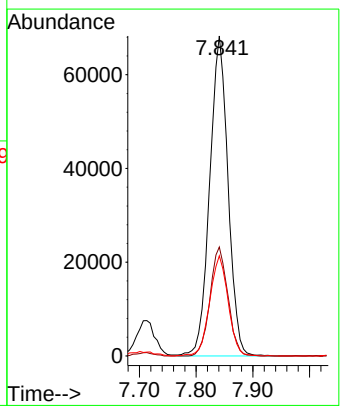
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

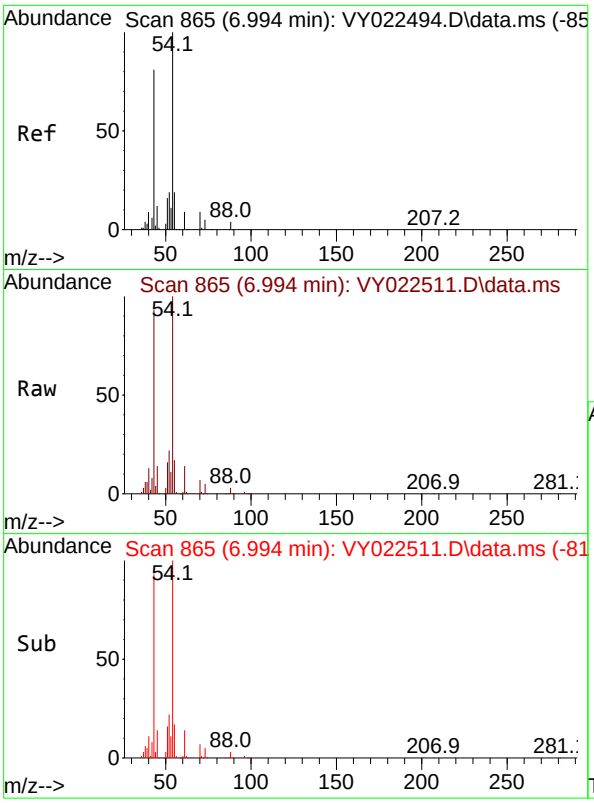


#36
1,1-Dichloropropene
Concen: 48.633 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 153258

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.7
77	31.4	24.8	37.2

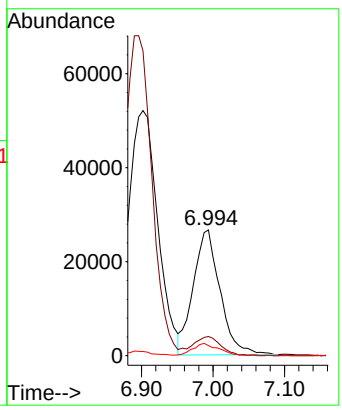




#37
Ethyl Acetate
Concen: 49.352 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 6935

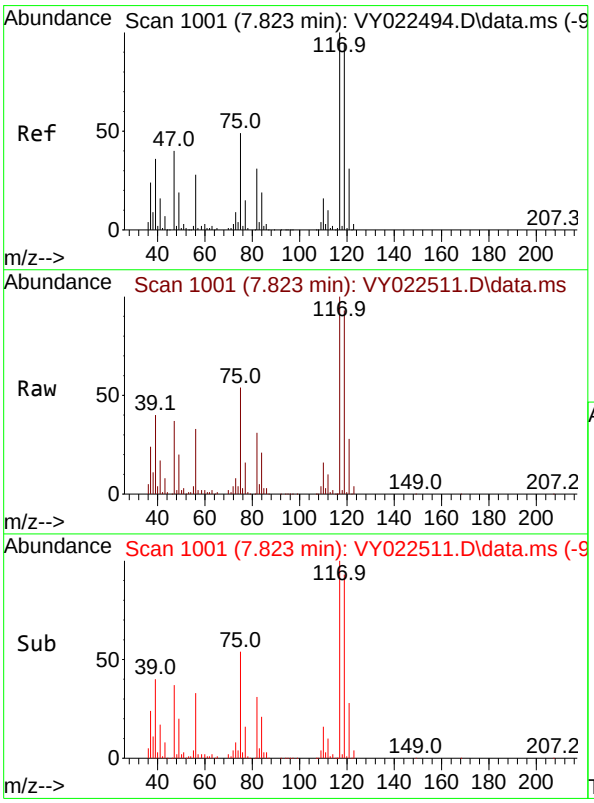
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	9.7	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

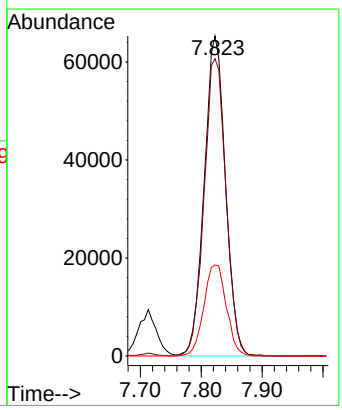
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

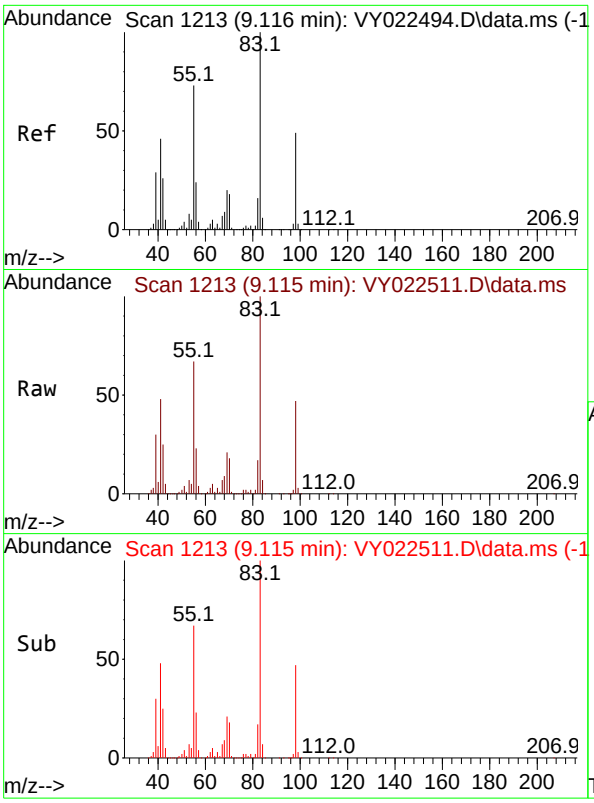


#38
Carbon Tetrachloride
Concen: 48.960 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:117 Resp: 158278

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	28.4	25.0	37.4





#39
Methylcyclohexane
Concen: 47.312 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

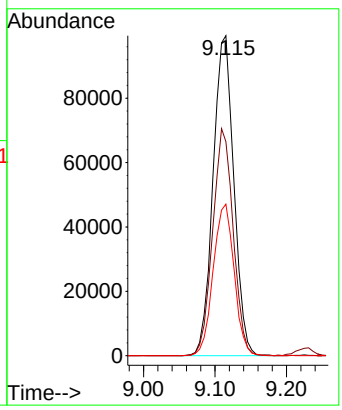
Tgt Ion: 83 Resp: 20036

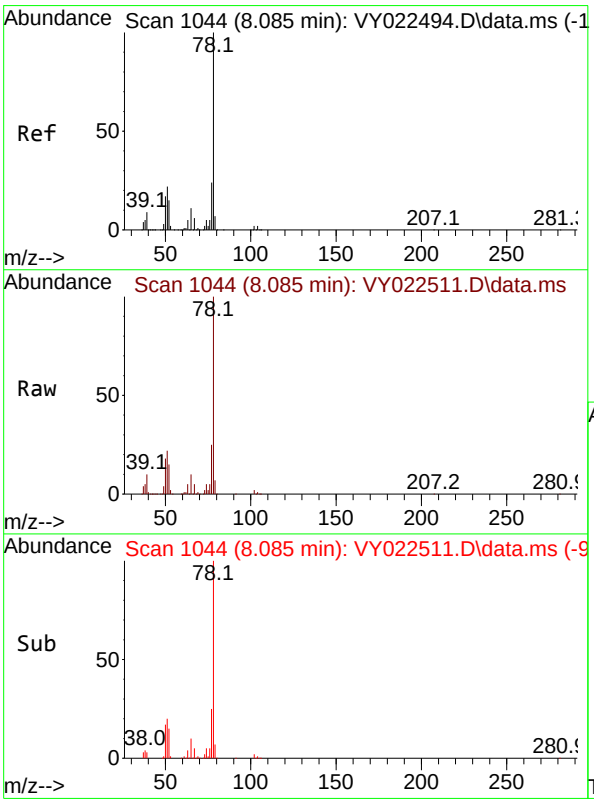
Ion	Ratio	Lower	Upper
83	100		
55	66.9	58.1	87.1
98	47.3	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

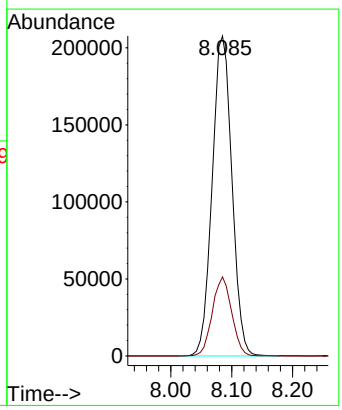


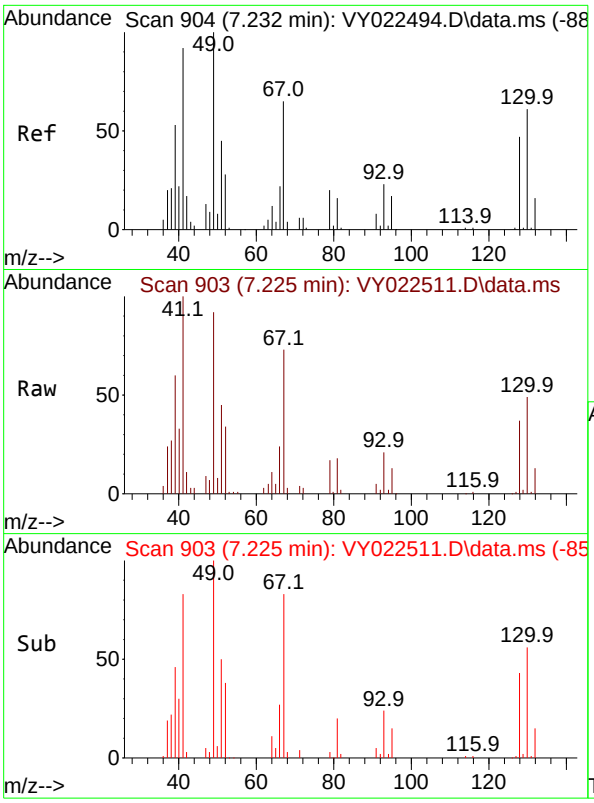


#40
Benzene
Concen: 50.204 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 78 Resp: 467282

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

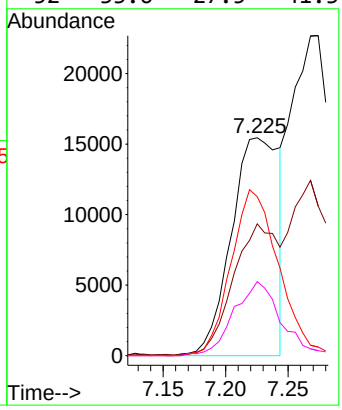




#41
Methacrylonitrile
Concen: 50.197 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 4120

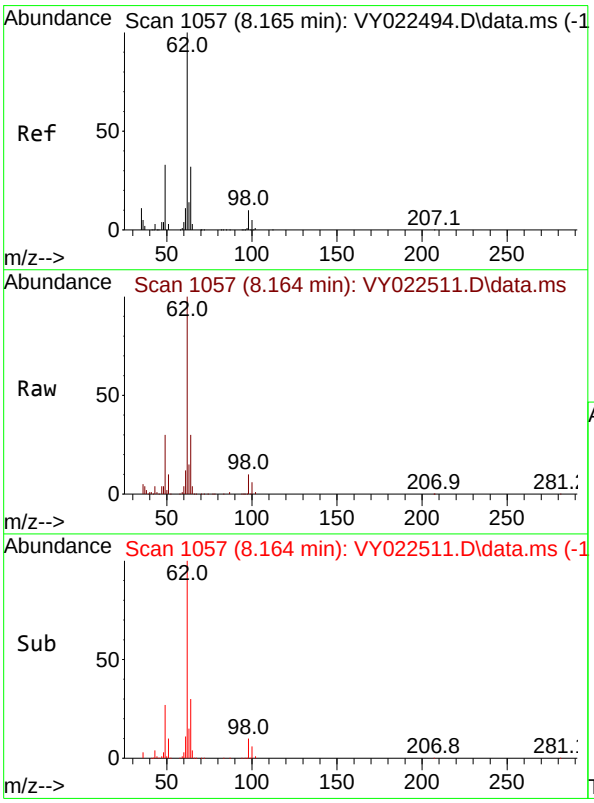
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.6	69.8
67	76.2	63.3	94.9
52	33.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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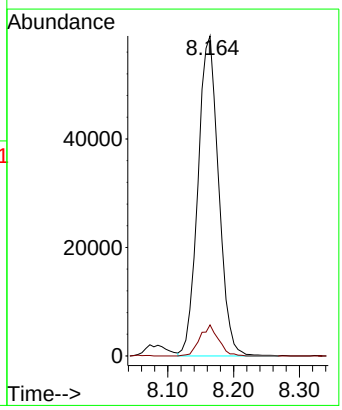
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

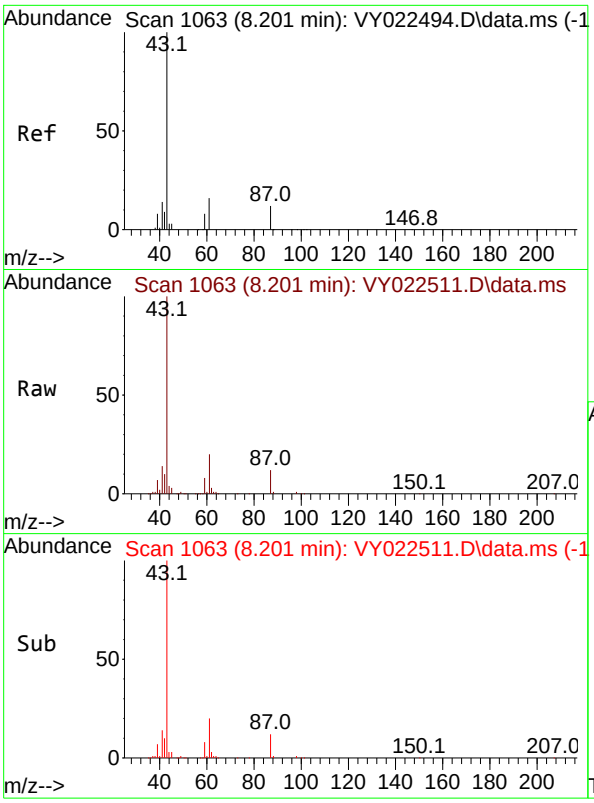


#42
1,2-Dichloroethane
Concen: 50.581 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 128548

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2

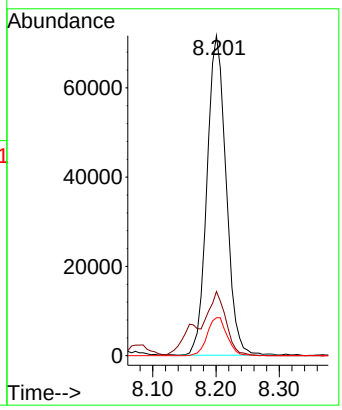




#43
Isopropyl Acetate
Concen: 49.510 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 15026

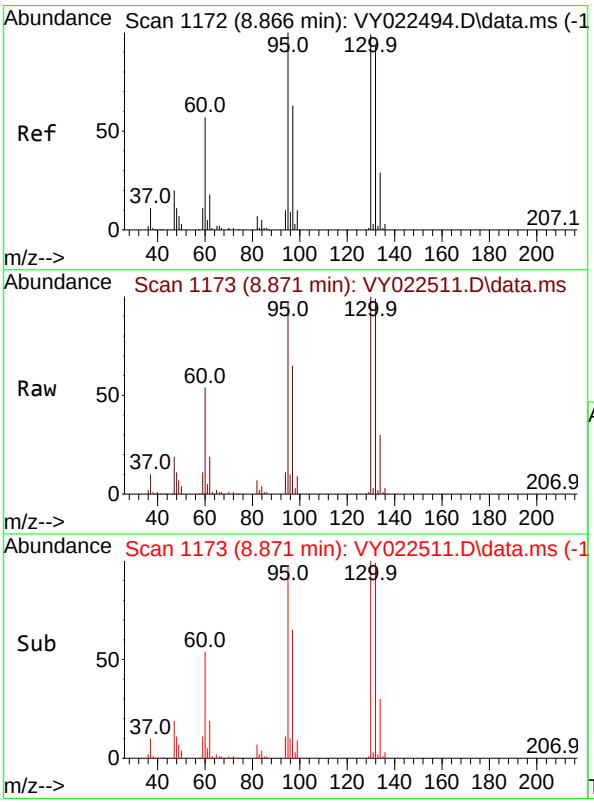
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.6	23.4
87	12.4	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

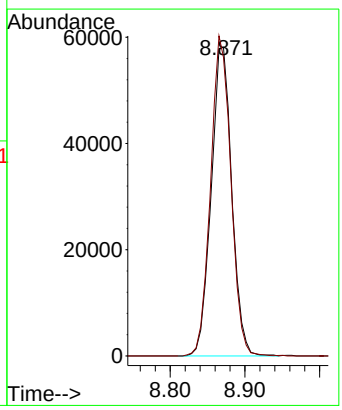
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

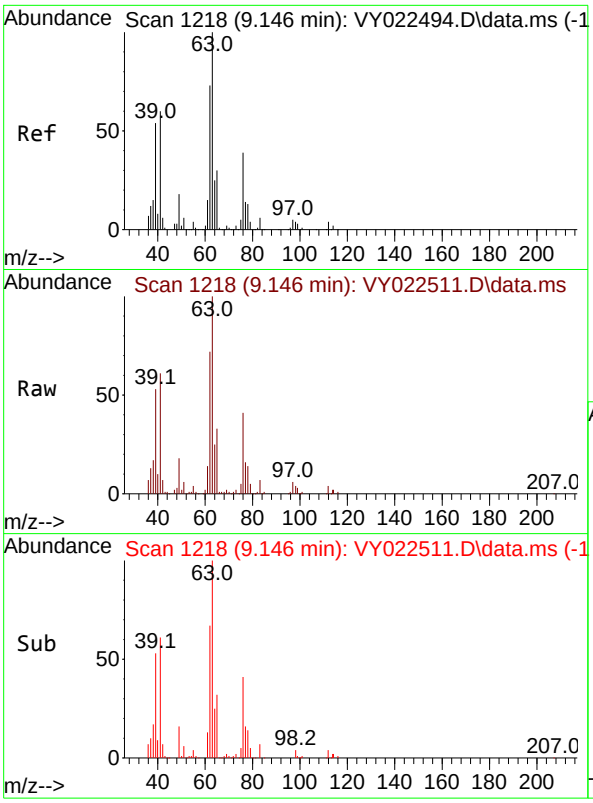


#44
Trichloroethene
Concen: 49.009 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:130 Resp: 111488

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	203.0

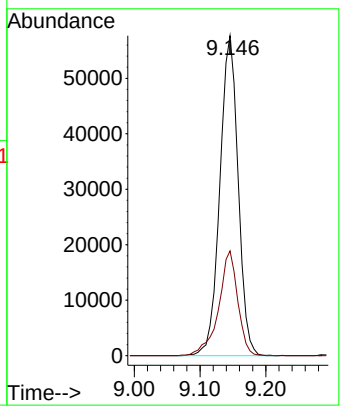




#45
1,2-Dichloropropane
Concen: 50.749 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 11163

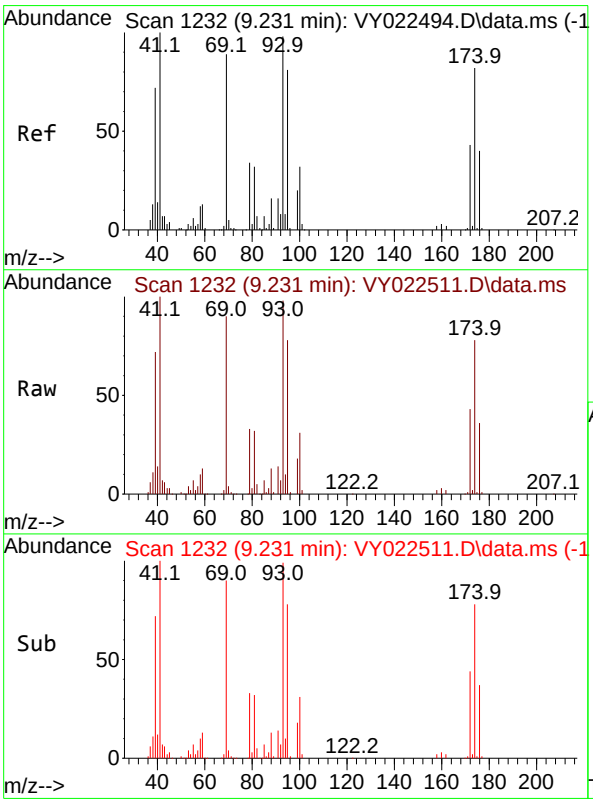
Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

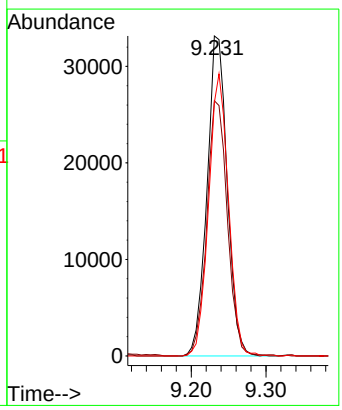
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

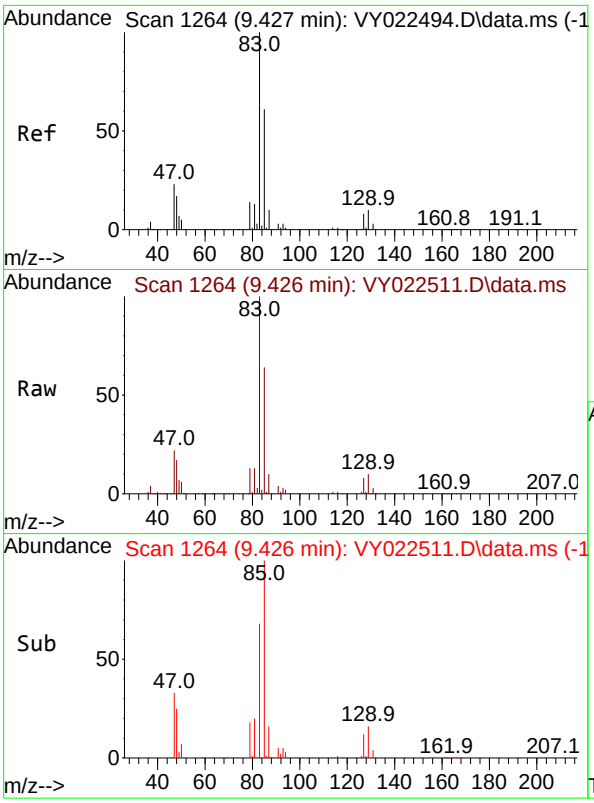


#46
Dibromomethane
Concen: 50.378 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 93 Resp: 62344

Ion	Ratio	Lower	Upper
93	100		
95	81.0	65.6	98.4
174	86.7	70.4	105.6

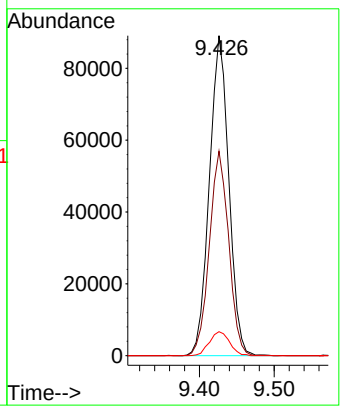




#47
Bromodichloromethane
Concen: 51.199 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 83 Resp: 16065

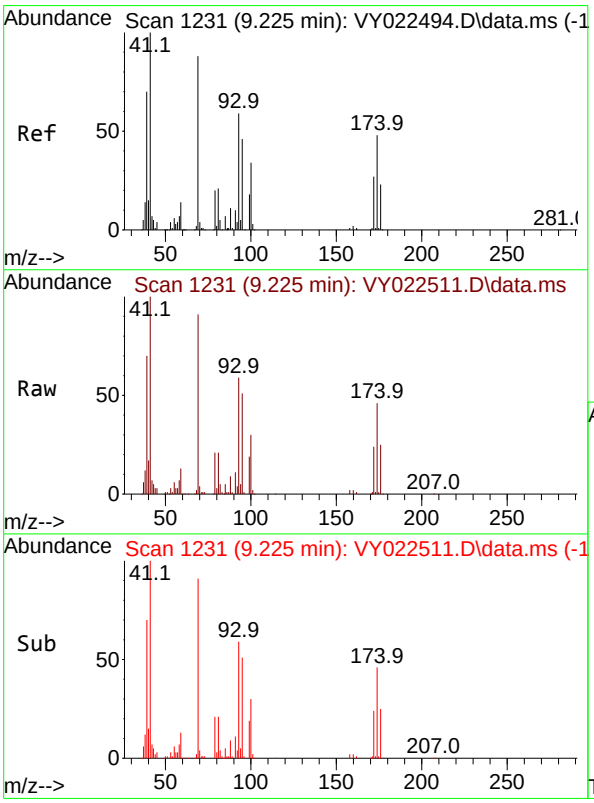
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.1	73.7
127	7.5	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

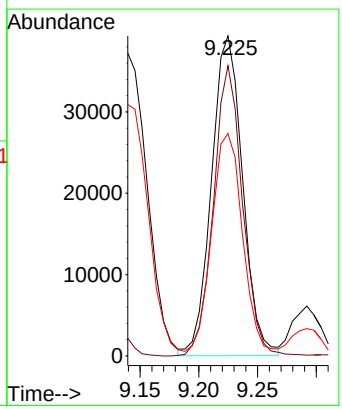
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

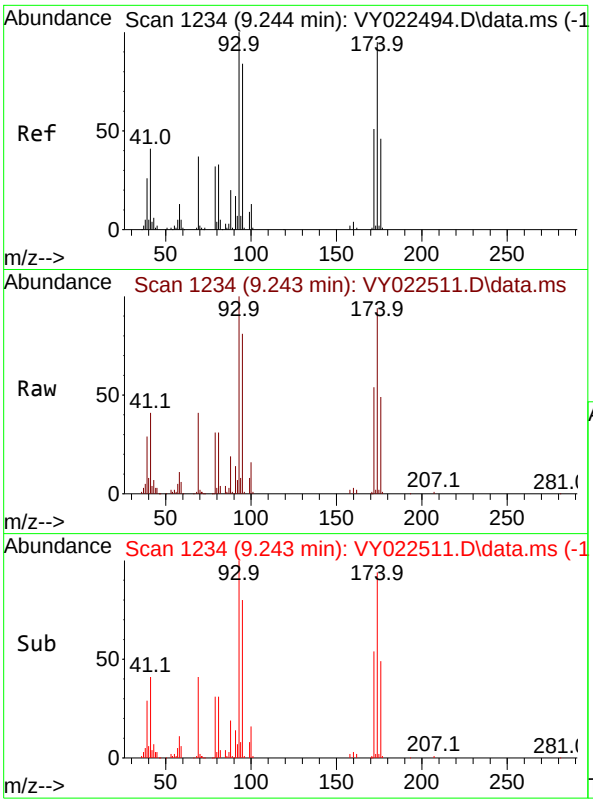


#48
Methyl methacrylate
Concen: 50.927 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 72544

Ion	Ratio	Lower	Upper
41	100		
69	84.7	67.8	101.8
39	67.1	55.0	82.4





#49
1,4-Dioxane
Concen: 943.857 ug/l
RT: 9.243 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

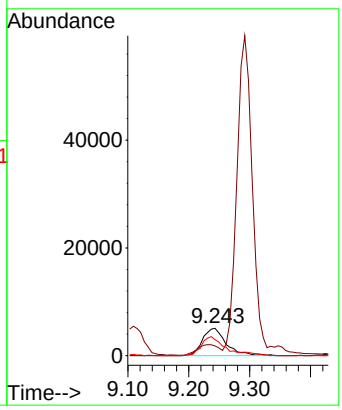
Tgt Ion: 88 Resp: 1383

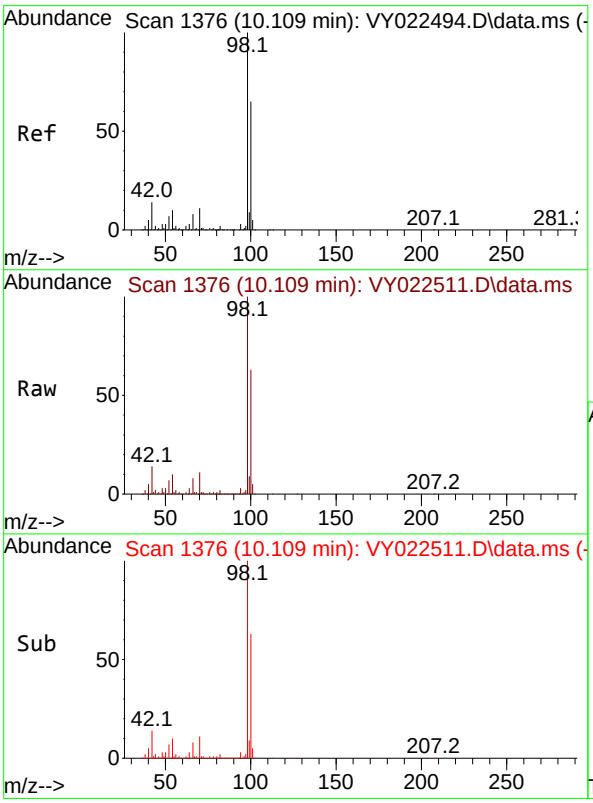
Ion	Ratio	Lower	Upper
88	100		
43	35.1	25.4	38.2
58	71.1	54.9	82.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

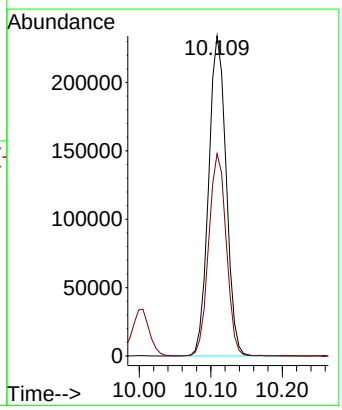


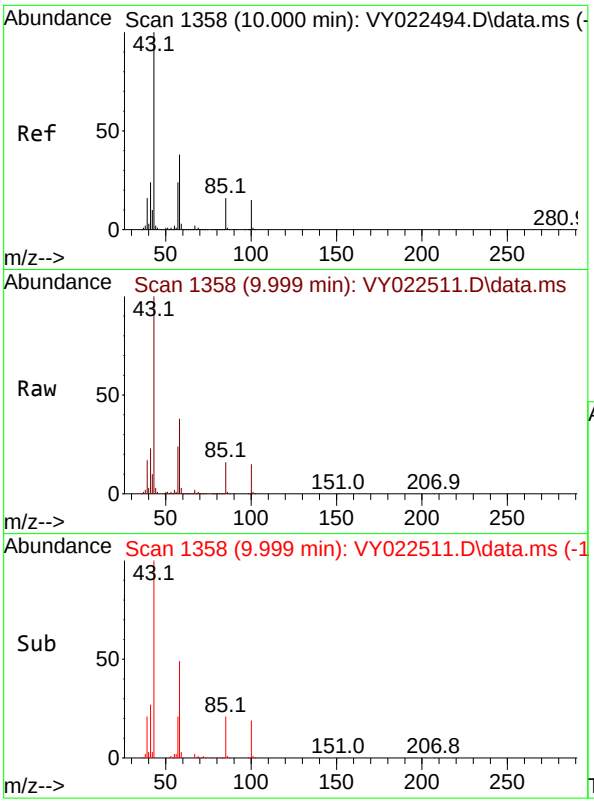


#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 98 Resp: 398159

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.0

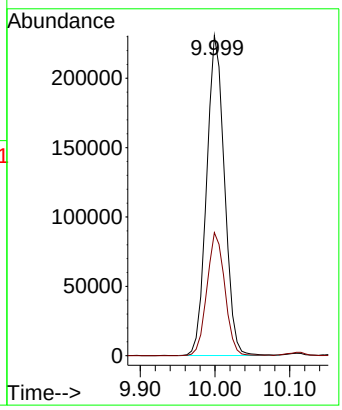




#51
4-Methyl-2-Pentanone
Concen: 253.585 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 38373

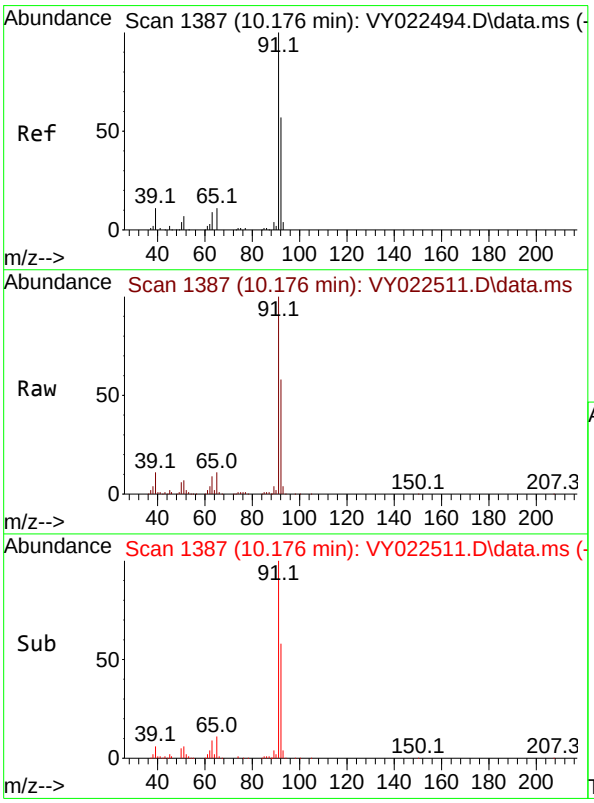
Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

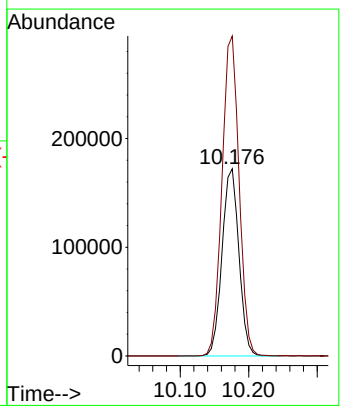
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

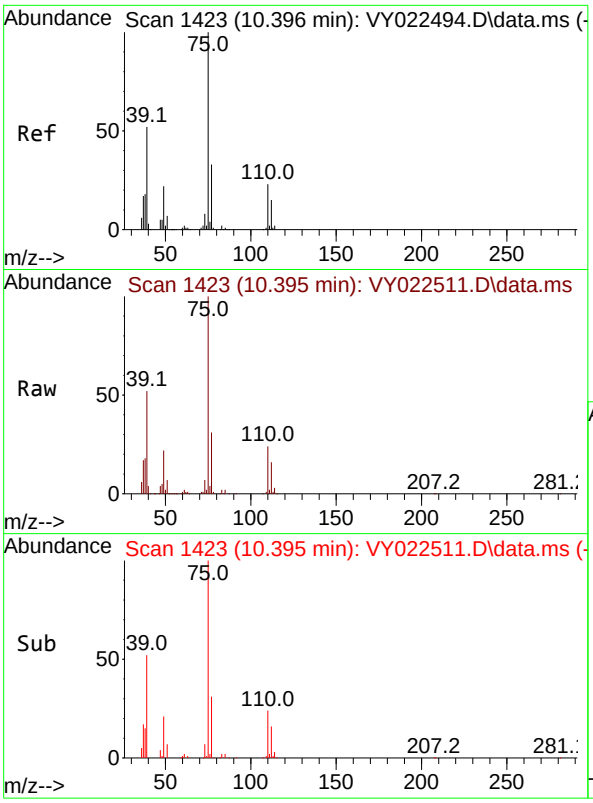


#52
Toluene
Concen: 50.084 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 92 Resp: 292952

Ion	Ratio	Lower	Upper
92	100		
91	173.2	139.0	208.4

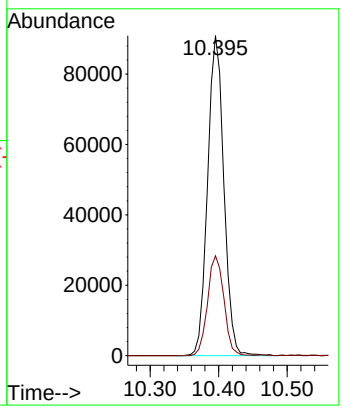




#53
t-1,3-Dichloropropene
Concen: 50.914 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 14969

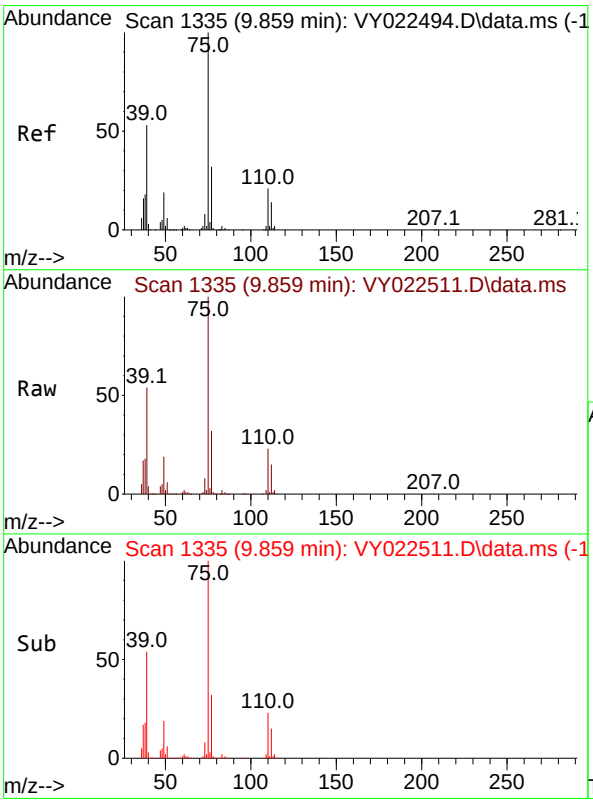
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

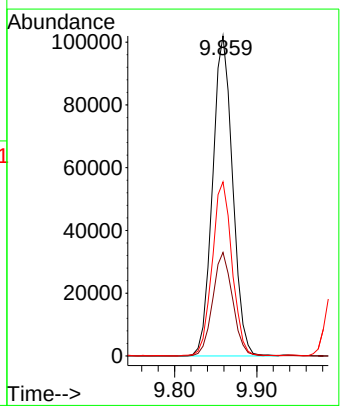
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

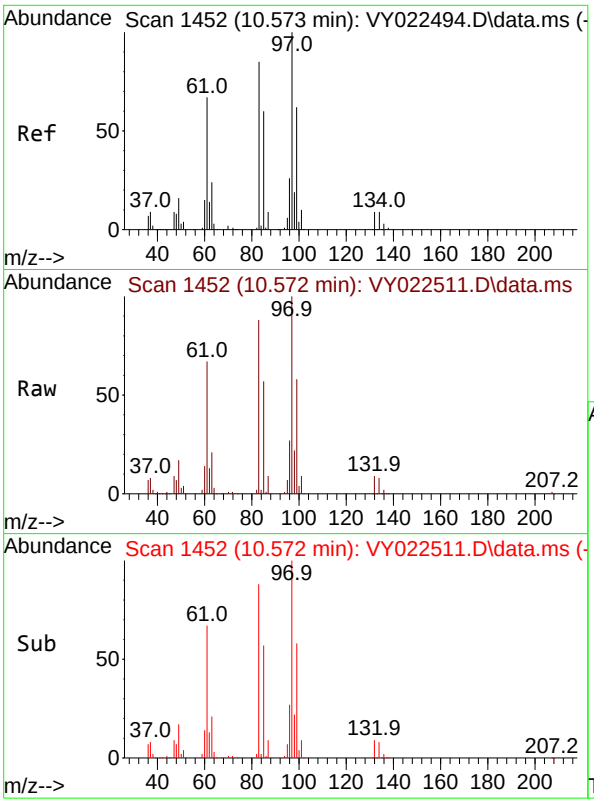


#54
cis-1,3-Dichloropropene
Concen: 50.428 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 172592

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	54.4	42.7	64.1

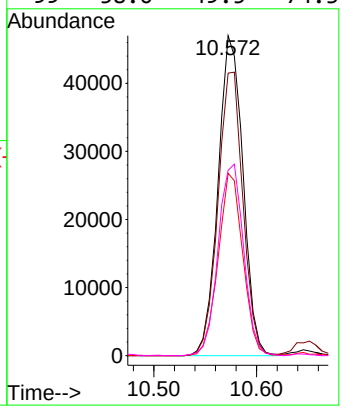




#55
1,1,2-Trichloroethane
Concen: 50.121 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 97 Resp: 7909

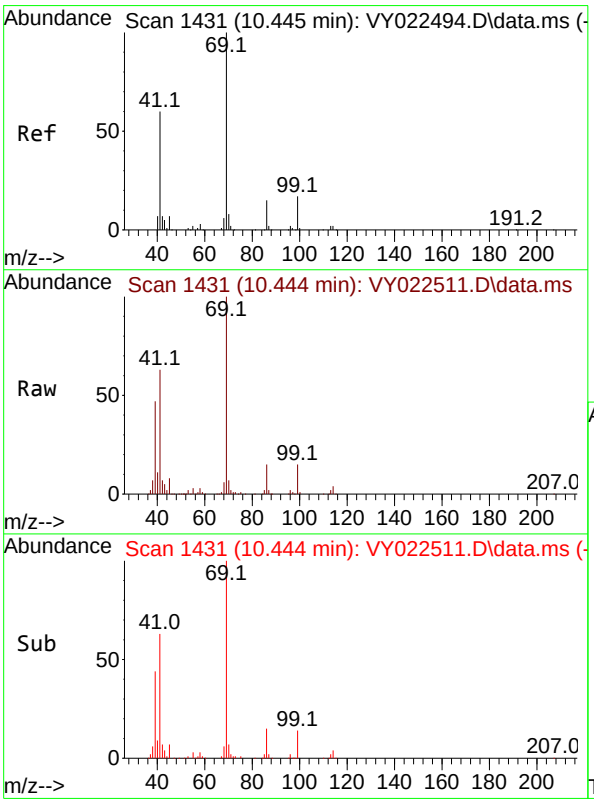
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.1	102.1
85	57.0	48.2	72.2
99	58.0	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

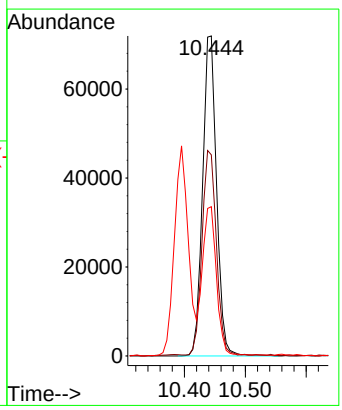
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

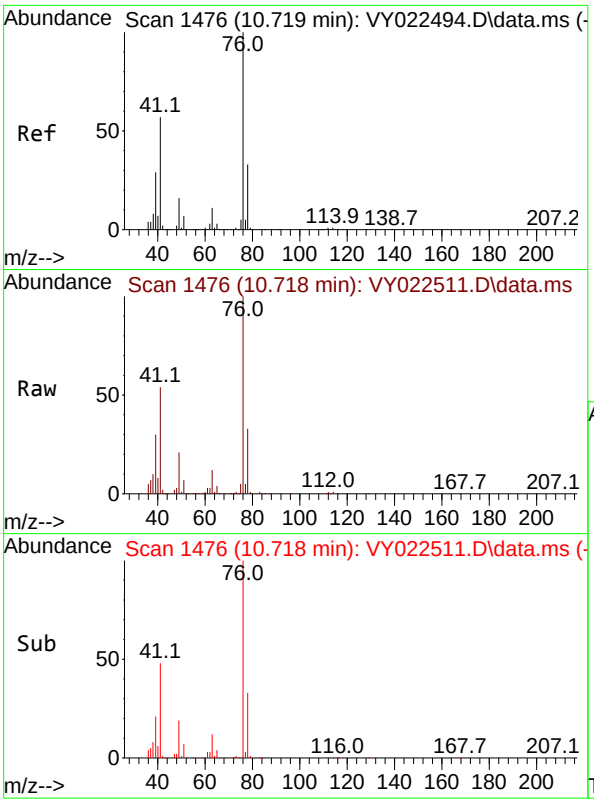


#56
Ethyl methacrylate
Concen: 50.203 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 69 Resp: 114501

Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	46.7	36.7	55.1

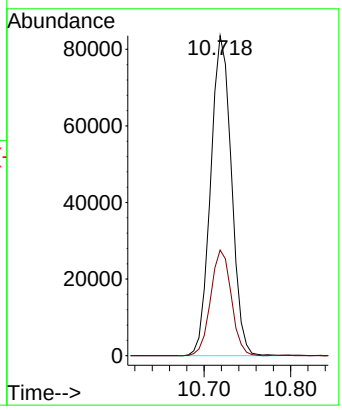




#57
1,3-Dichloropropane
Concen: 49.900 ug/l
RT: 10.718 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 76 Resp: 13956

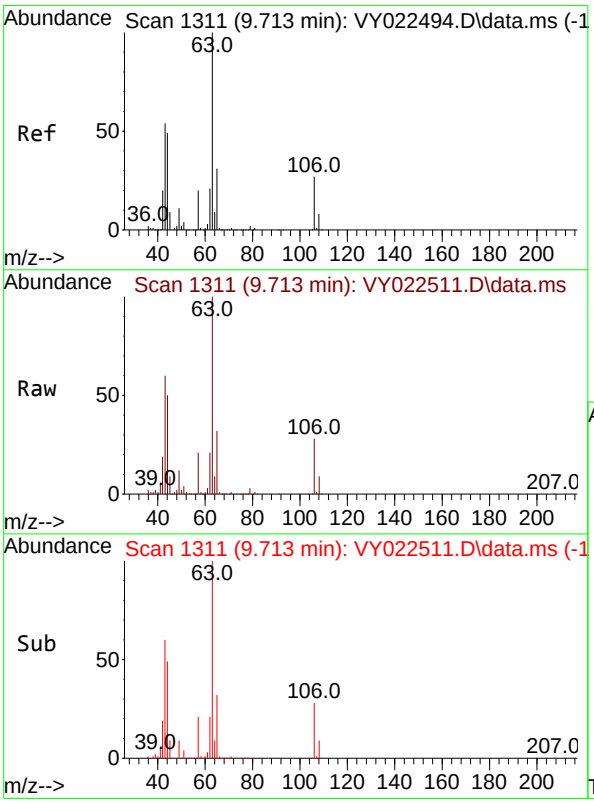
Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

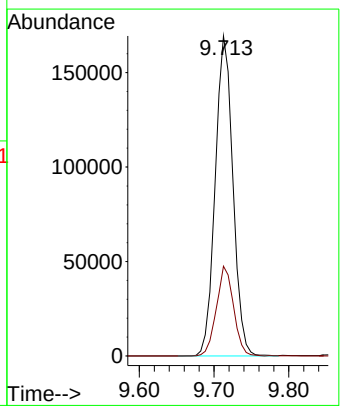
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

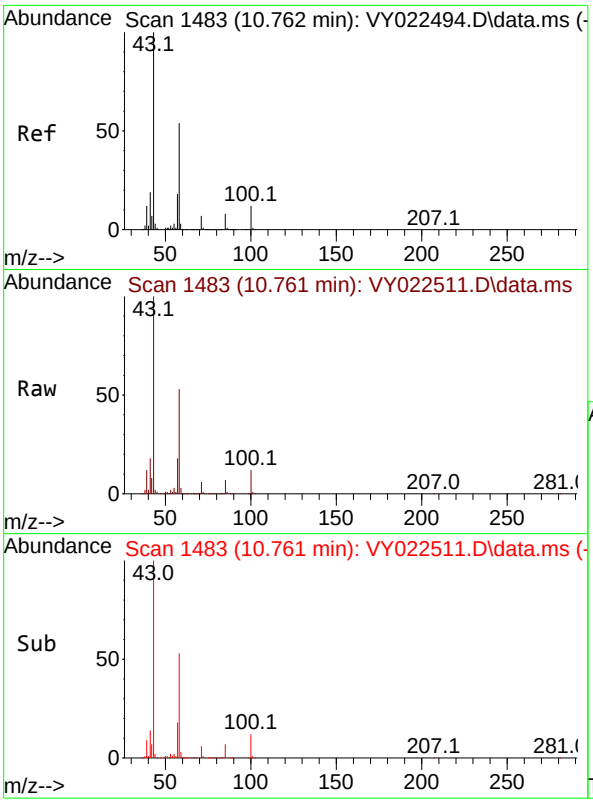


#58
2-Chloroethyl Vinyl ether
Concen: 269.440 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 279007

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4





#59
2-Hexanone
Concen: 248.499 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

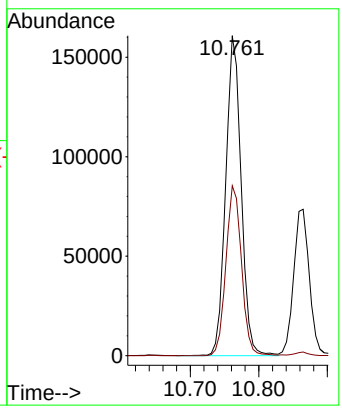
Tgt Ion: 43 Resp: 25148

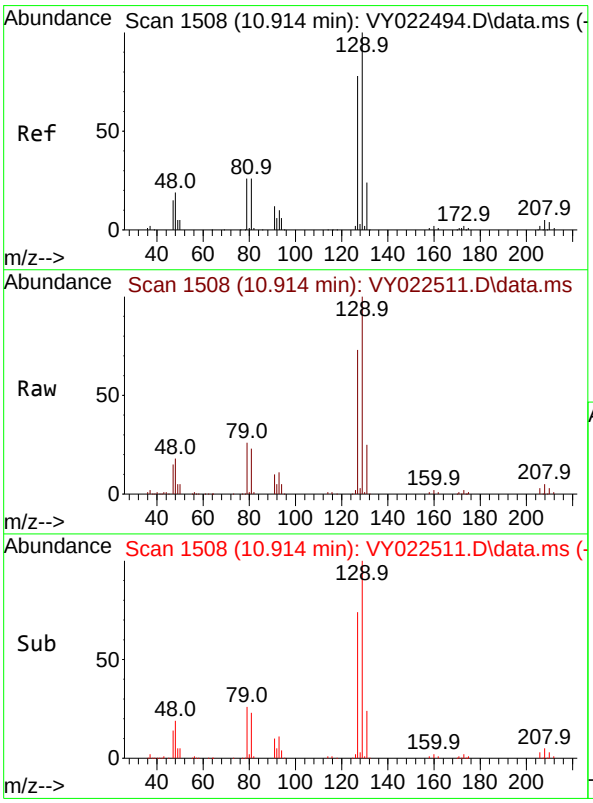
Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

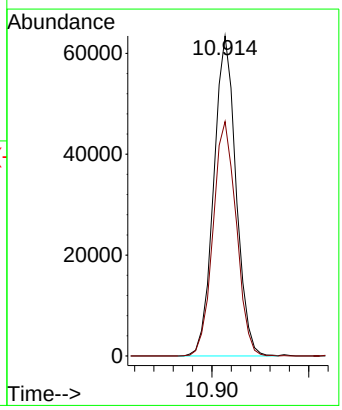


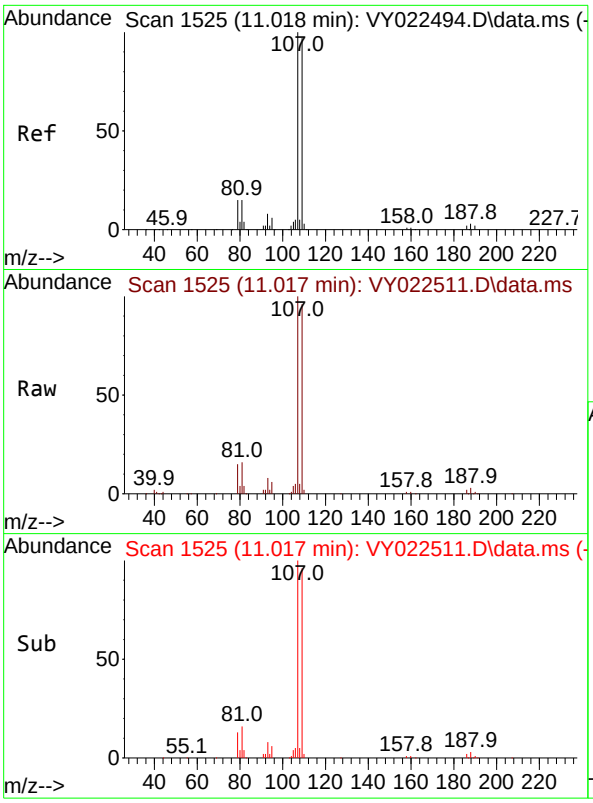


#60
Dibromochloromethane
Concen: 50.578 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:129 Resp: 101429

Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.1	117.2

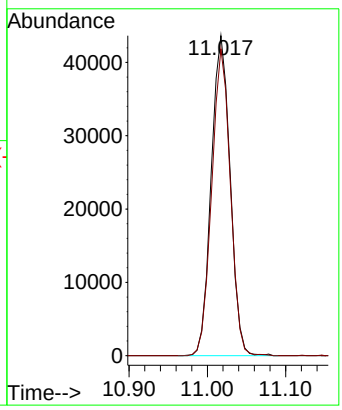




#61
1,2-Dibromoethane
Concen: 50.829 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:107 Resp: 7310

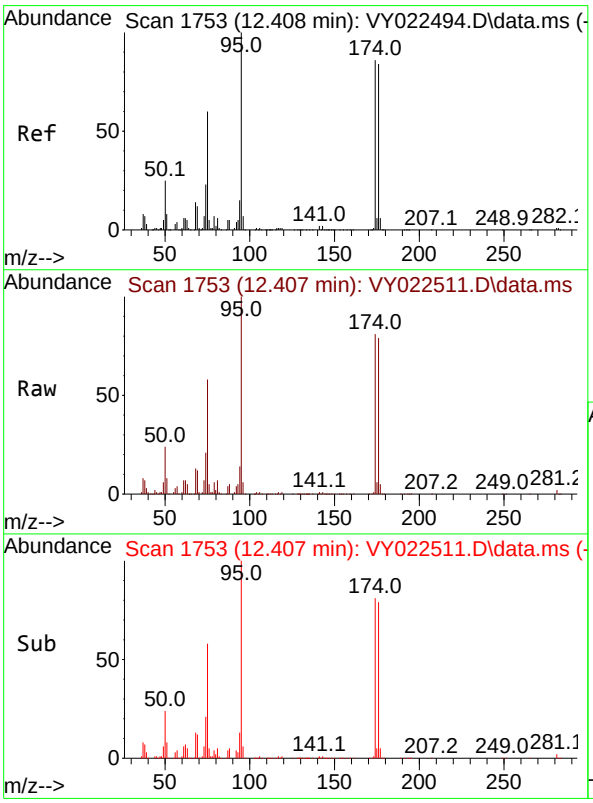
Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

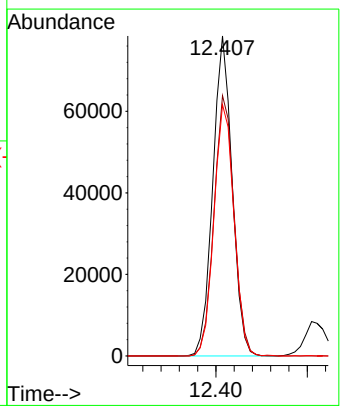
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

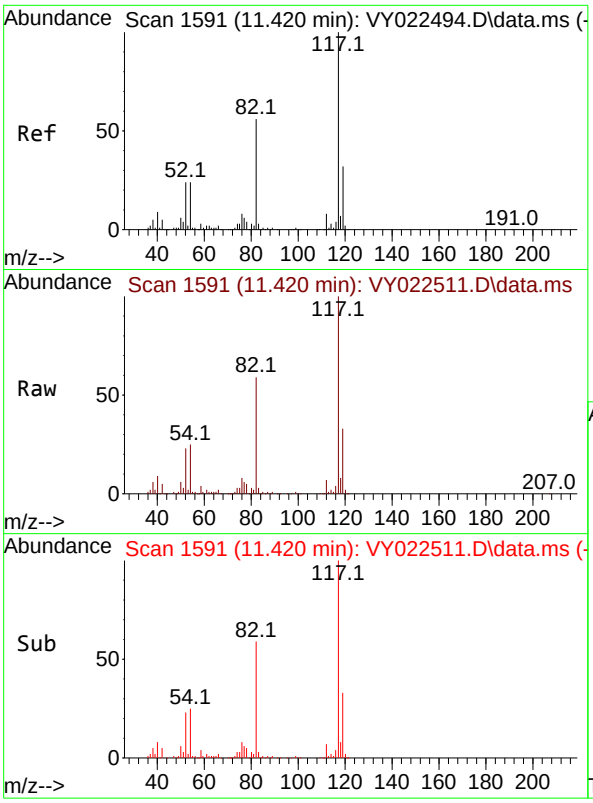


#62
4-Bromofluorobenzene
Concen: 49.265 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 95 Resp: 115160

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.0
176	81.5	0.0	166.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

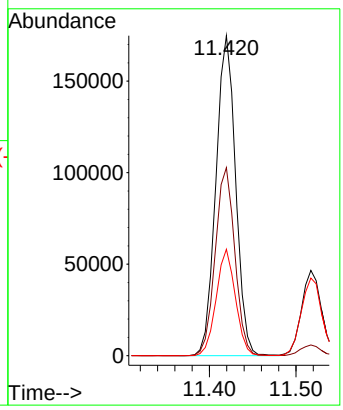
Tgt Ion:117 Resp: 27665

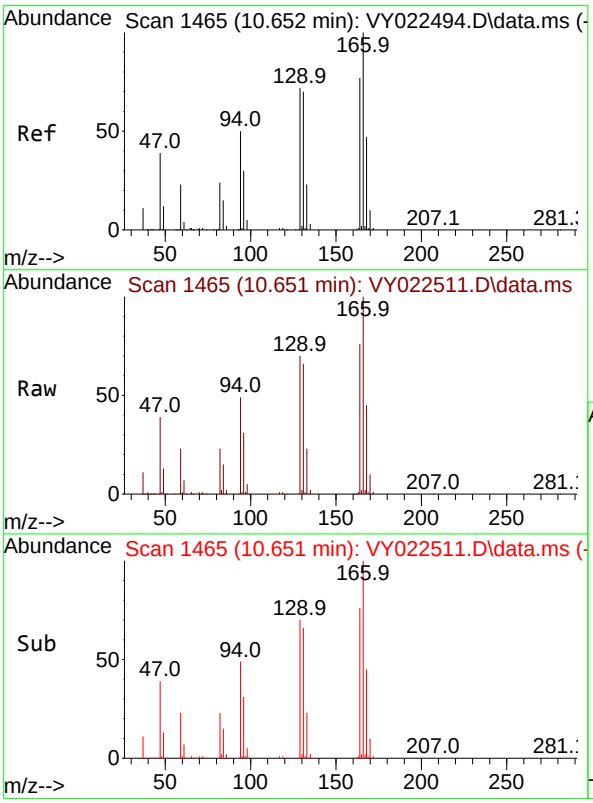
Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.6	66.8
119	33.2	25.4	38.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

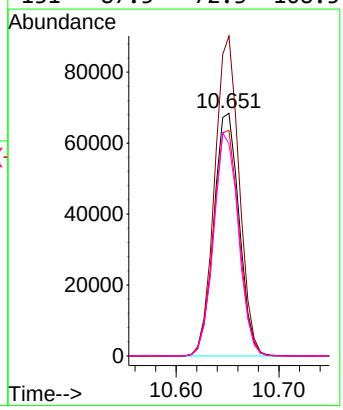


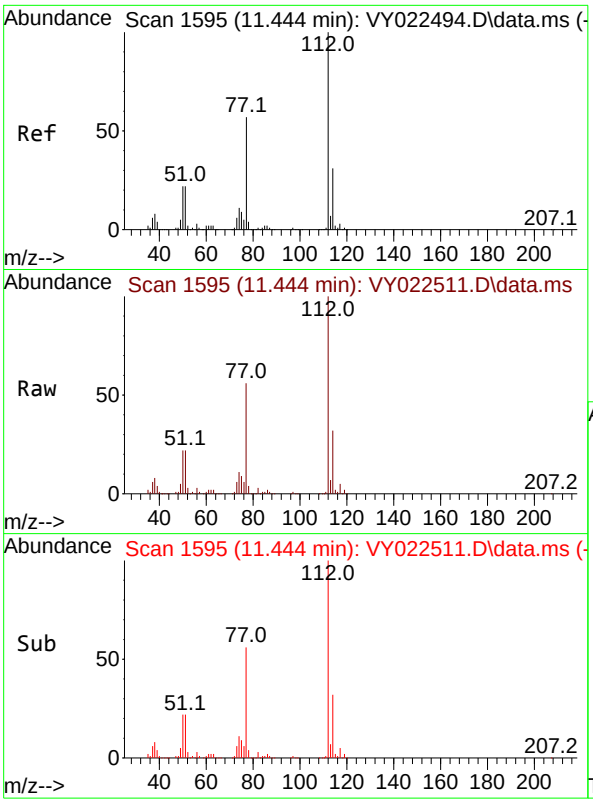


#64
Tetrachloroethene
Concen: 49.032 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:164 Resp: 116688

Ion	Ratio	Lower	Upper
164	100		
166	131.9	104.0	156.0
129	92.9	74.5	111.7
131	87.5	72.3	108.5

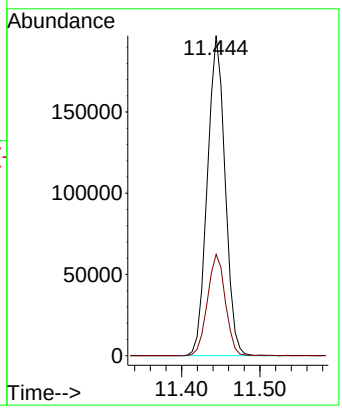




#65
Chlorobenzene
Concen: 50.500 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:112 Resp: 30916

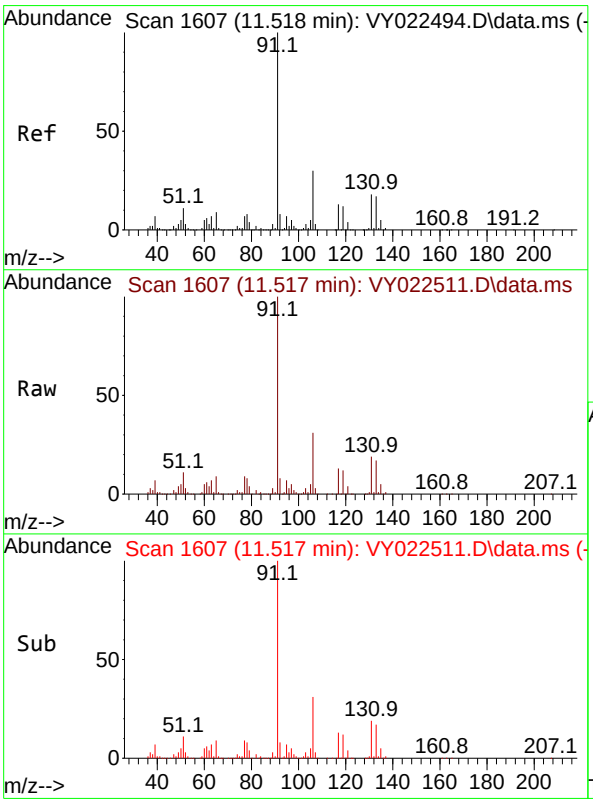
Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

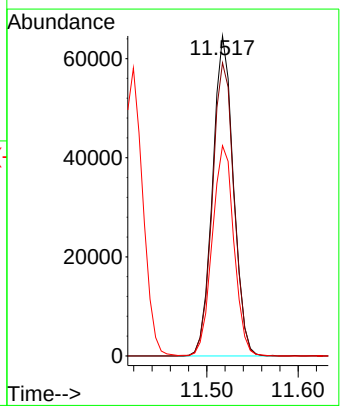
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

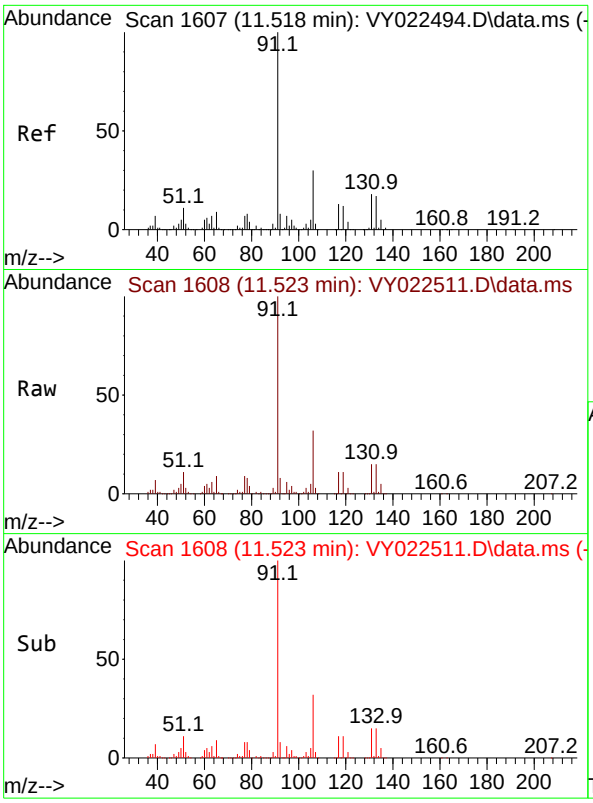


#66
1,1,1,2-Tetrachloroethane
Concen: 49.530 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:131 Resp: 102149

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.8
119	68.4	33.1	99.3





#67
Ethyl Benzene
Concen: 50.175 ug/l
RT: 11.523 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

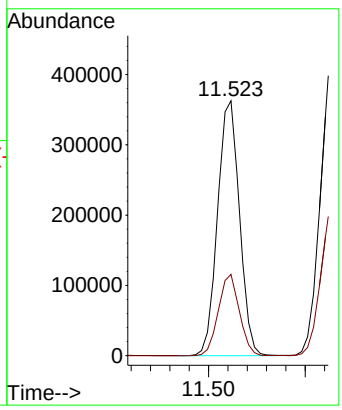
Tgt Ion: 91 Resp: 5697

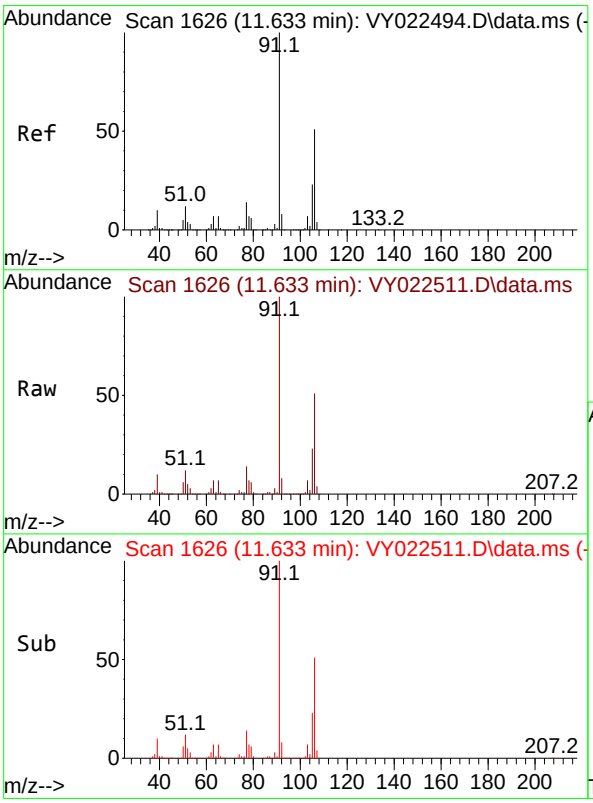
Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

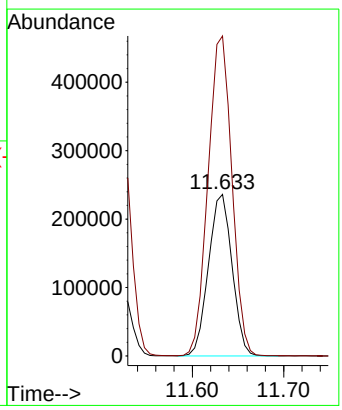


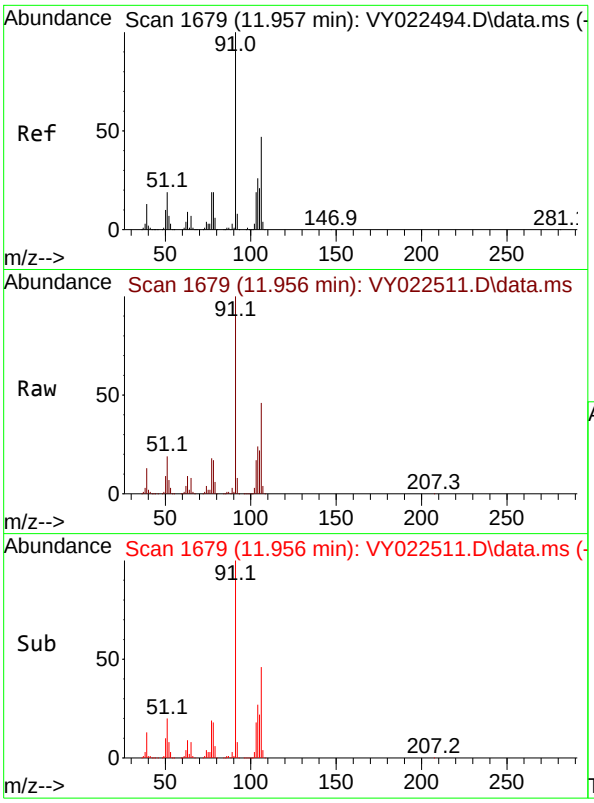


#68
m/p-Xylenes
Concen: 98.325 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:106 Resp: 423248

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0





#69
o-Xylene
Concen: 48.847 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

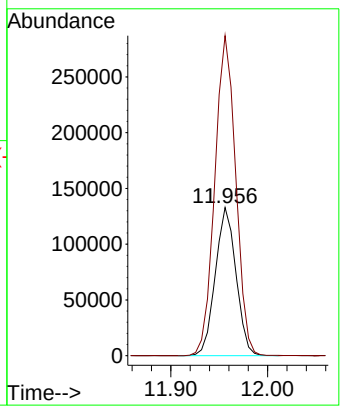
Tgt Ion:106 Resp: 19713

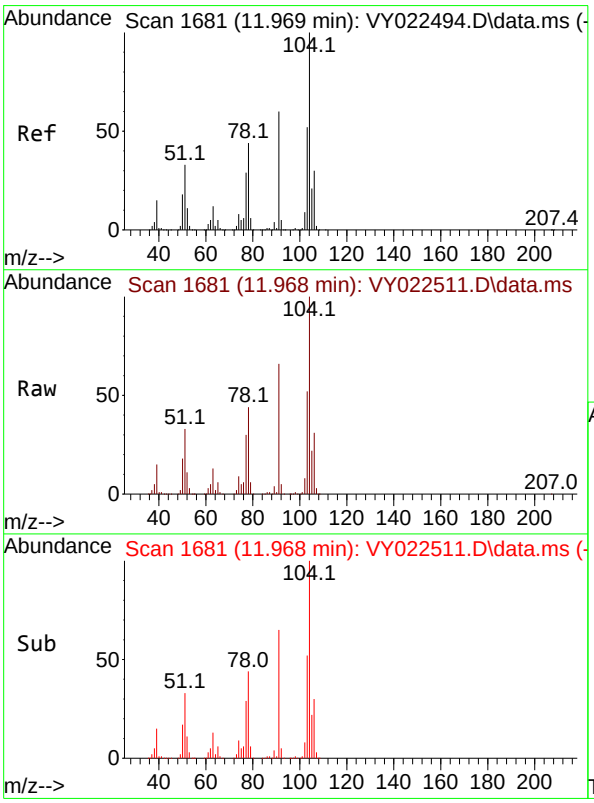
Ion	Ratio	Lower	Upper
106	100		
91	219.0	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

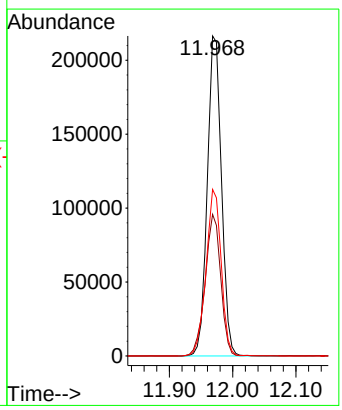


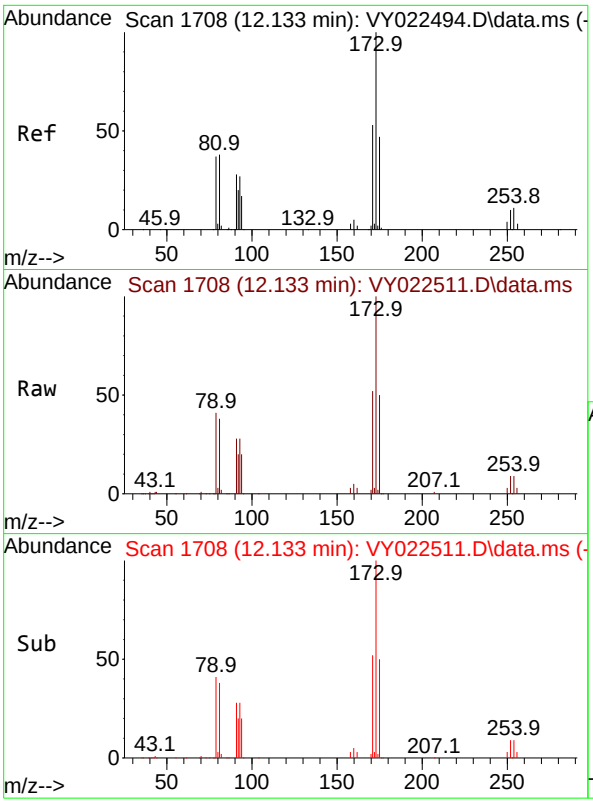


#70
Styrene
Concen: 50.608 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:104 Resp: 337617

Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.5	59.3
103	55.8	44.1	66.1

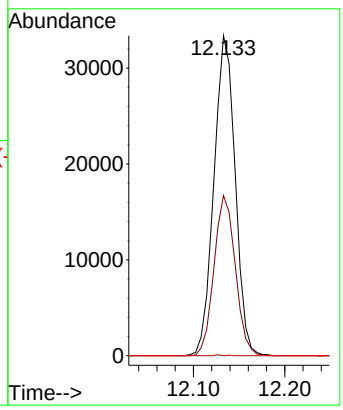




#71
Bromoform
Concen: 49.211 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:173 Resp: 5400

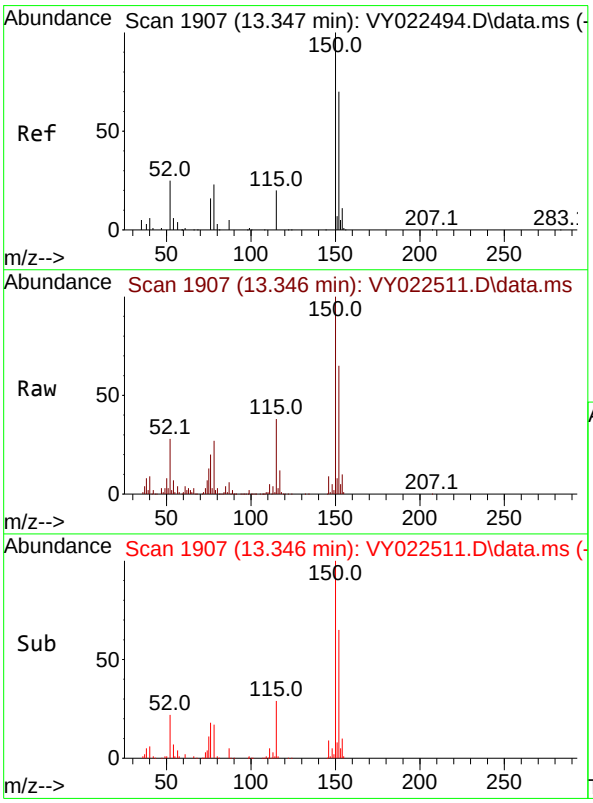
Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.8	71.5
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

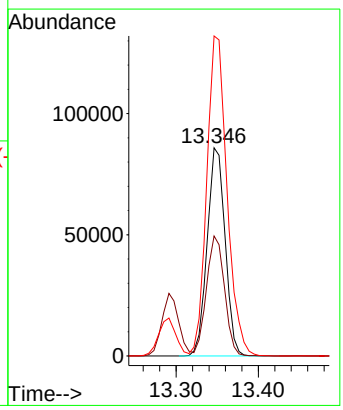
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

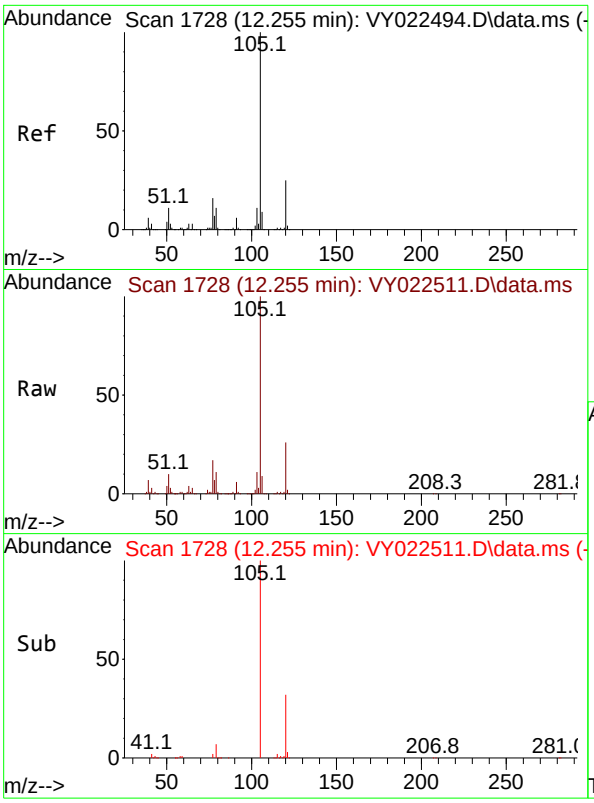


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:152 Resp: 130385

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	172.9	0.0	349.6

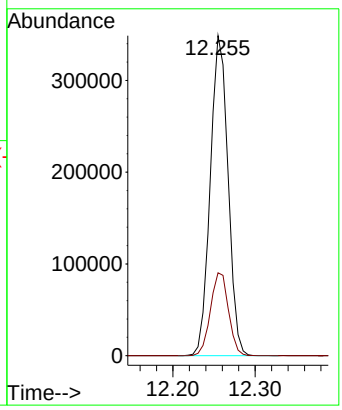




#73
Isopropylbenzene
Concen: 48.906 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 52352

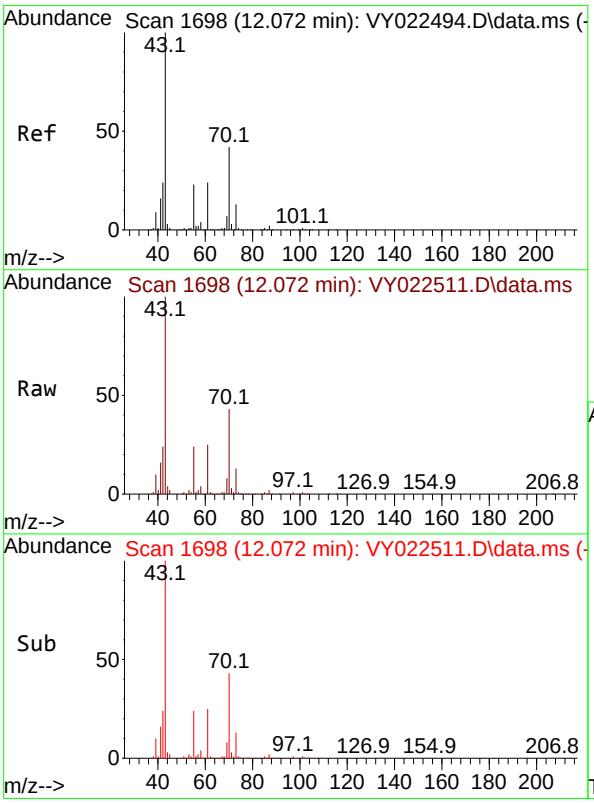
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

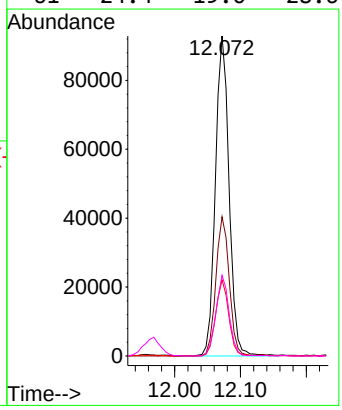
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

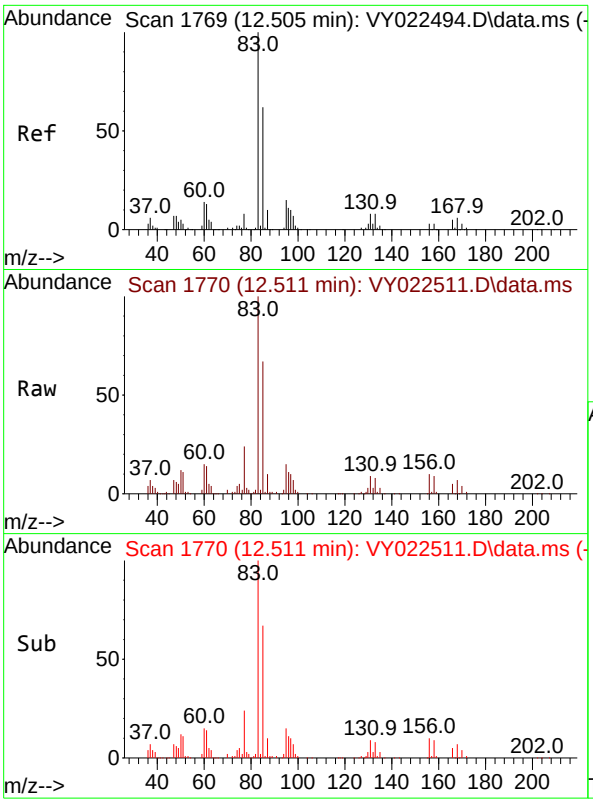


#74
N-amyl acetate
Concen: 49.739 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 134344

Ion	Ratio	Lower	Upper
43	100		
70	42.6	34.2	51.2
55	22.7	18.2	27.4
61	24.4	19.0	28.6

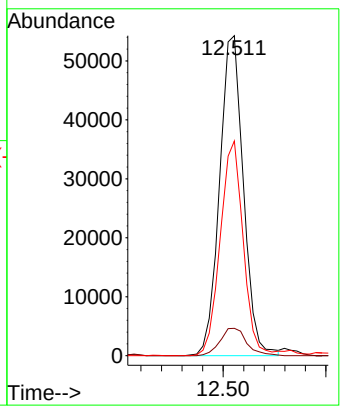




#75
1,1,2,2-Tetrachloroethane
Concen: 49.668 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 83 Resp: 8726

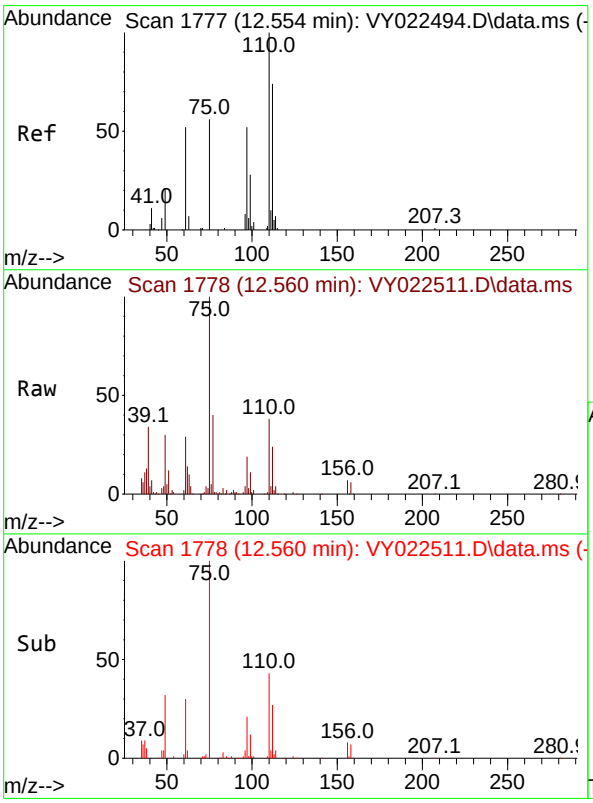
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.5	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

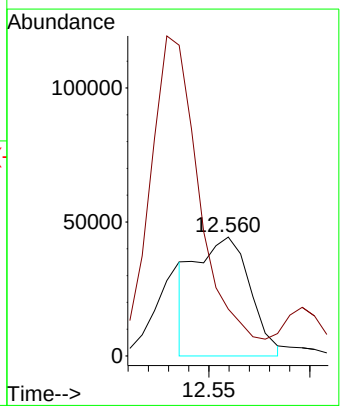
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

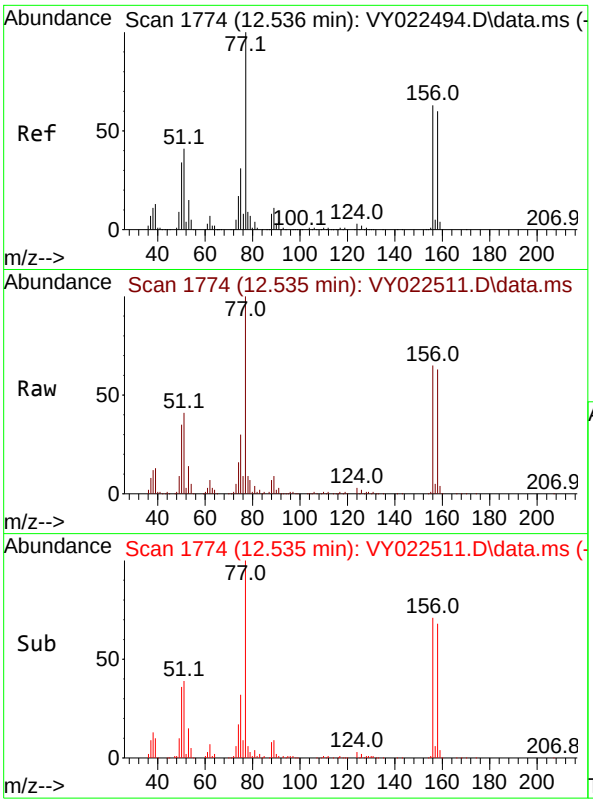


#76
1,2,3-Trichloropropane
Concen: 55.912 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 83401

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

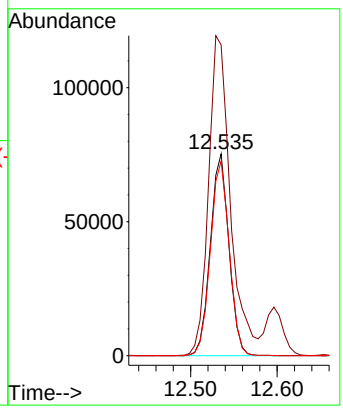




#77
Bromobenzene
Concen: 49.743 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:156 Resp: 11236

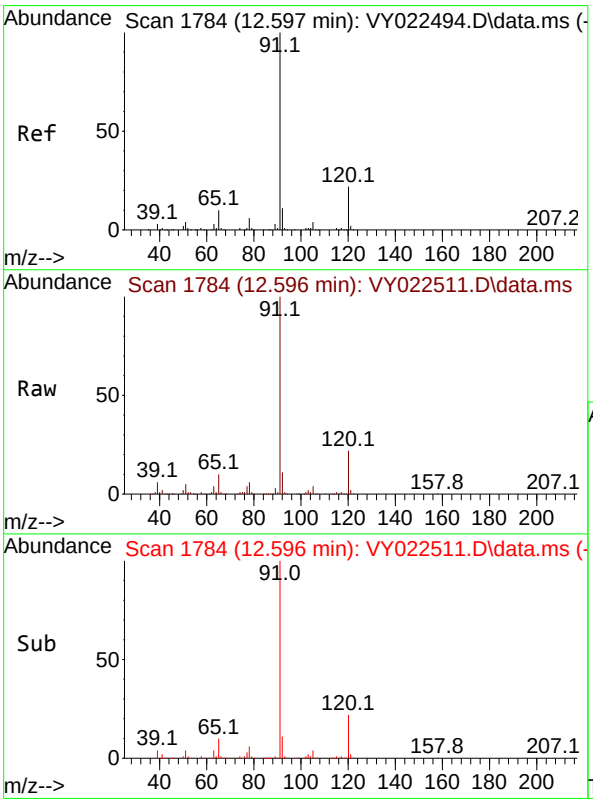
Ion	Ratio	Lower	Upper
156	100		
77	186.2	94.0	282.1
158	97.6	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

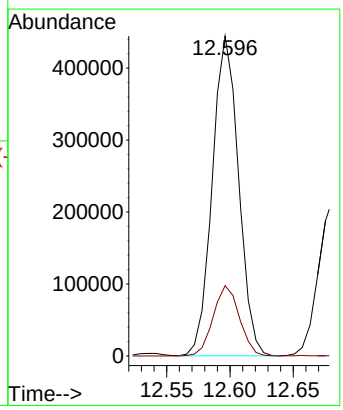
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

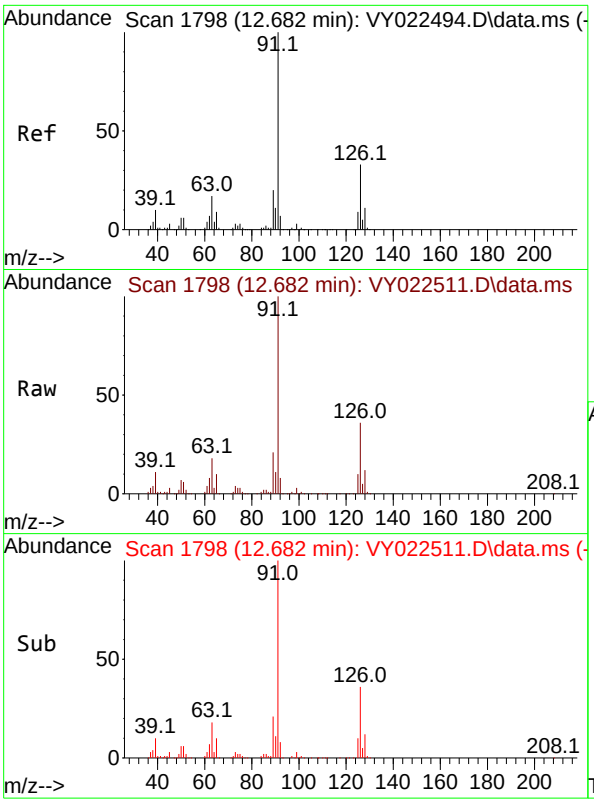


#78
n-propylbenzene
Concen: 49.060 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 641434

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4

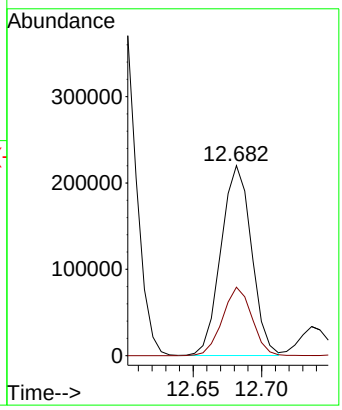




#79
2-Chlorotoluene
Concen: 49.190 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 34086

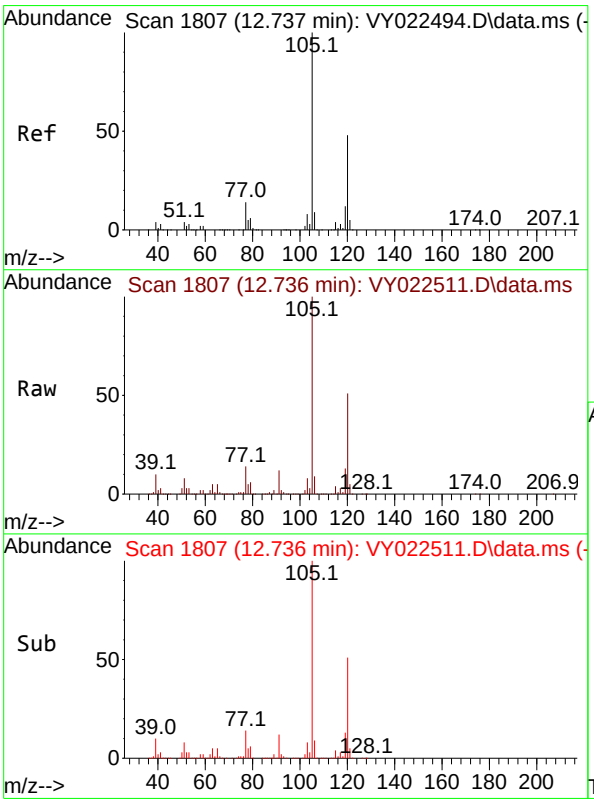
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

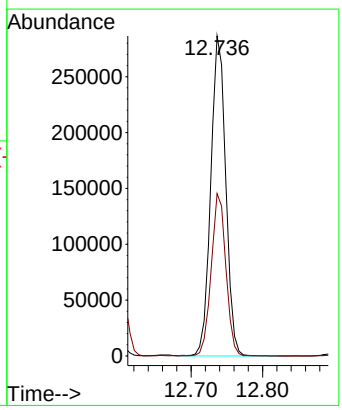
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

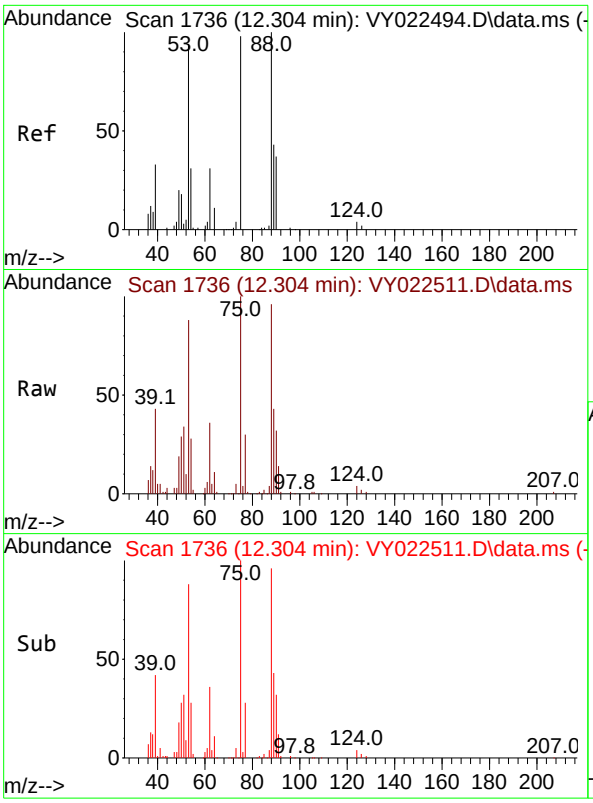


#80
1,3,5-Trimethylbenzene
Concen: 49.521 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 416181

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.1	72.4

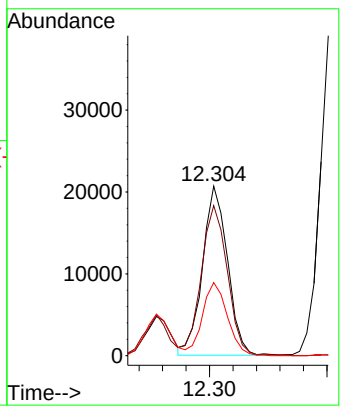




#81
trans-1,4-Dichloro-2-butene
Concen: 49.369 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 3049

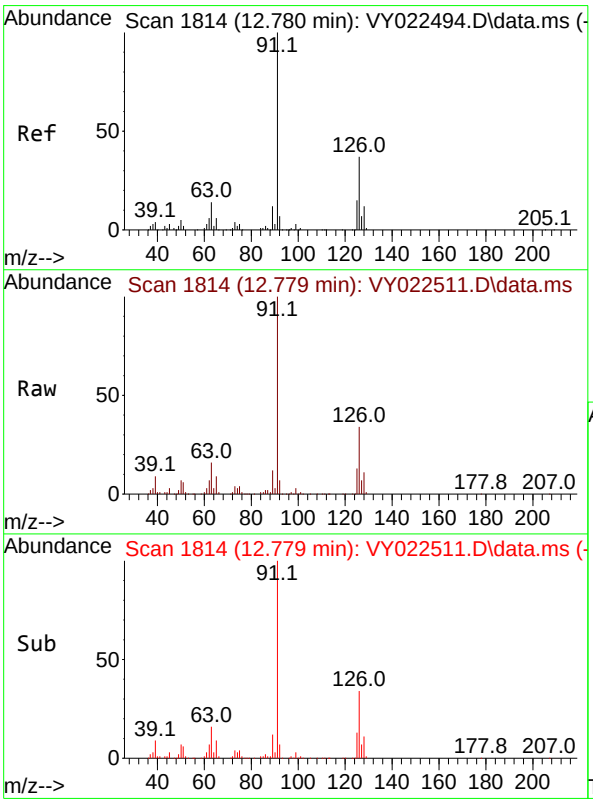
Ion	Ratio	Lower	Upper
75	100		
53	93.4	78.5	117.7
89	42.9	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

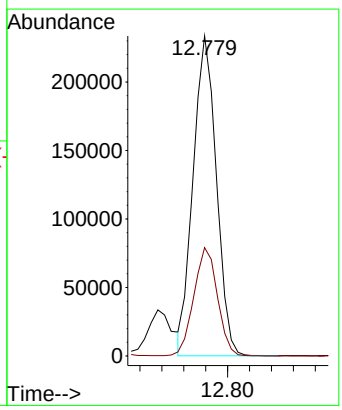
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

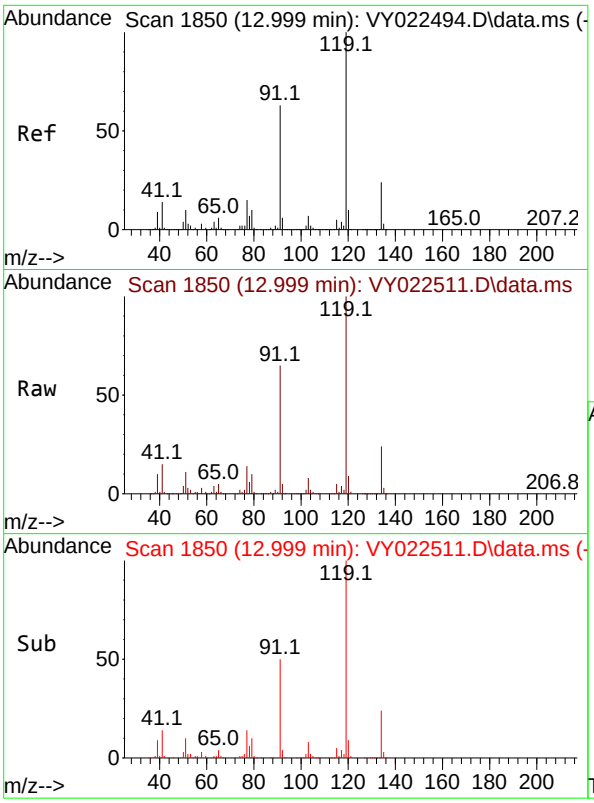


#82
4-Chlorotoluene
Concen: 48.038 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 343404

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9

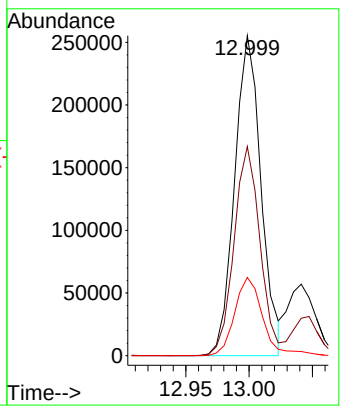




#83
tert-Butylbenzene
Concen: 49.296 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:119 Resp: 37183

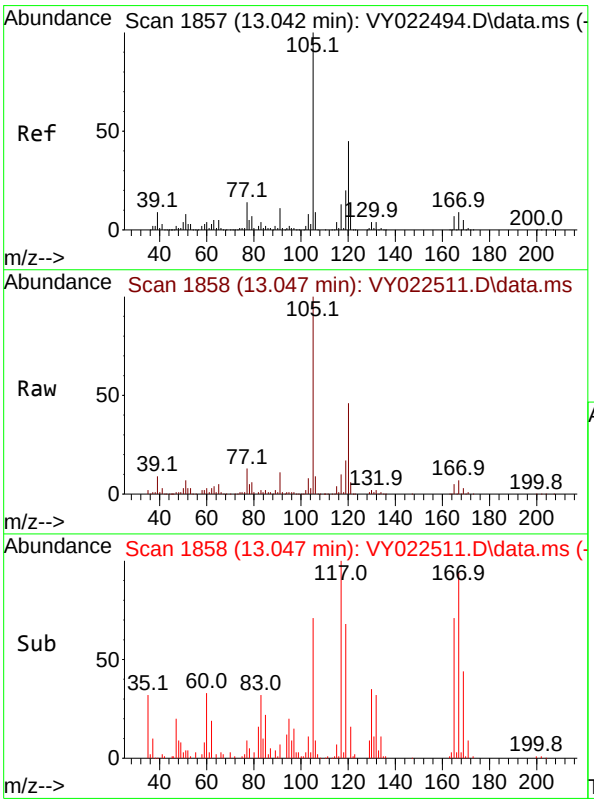
Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.1	96.3
134	26.0	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

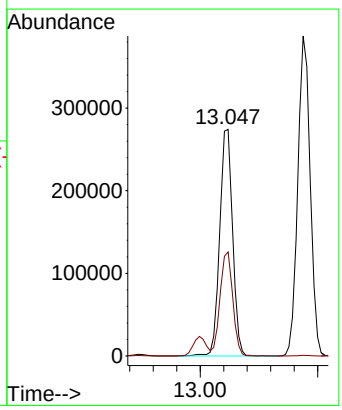
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

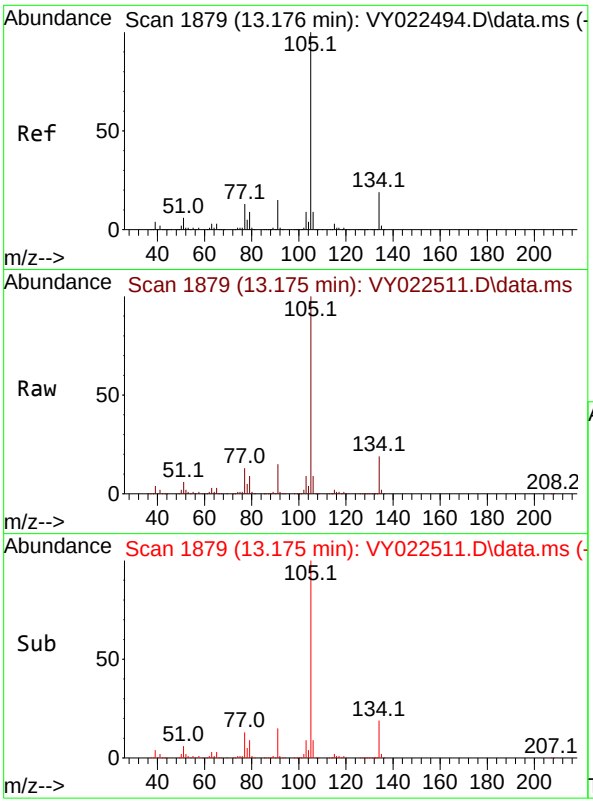


#84
1,2,4-Trimethylbenzene
Concen: 49.704 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 417788

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1

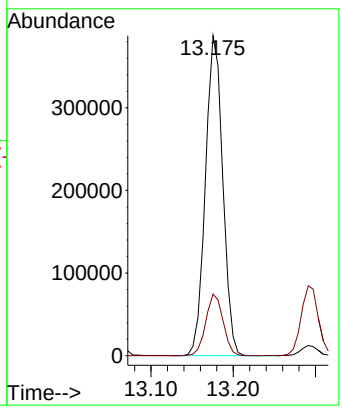




#85
sec-Butylbenzene
Concen: 49.121 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 56745

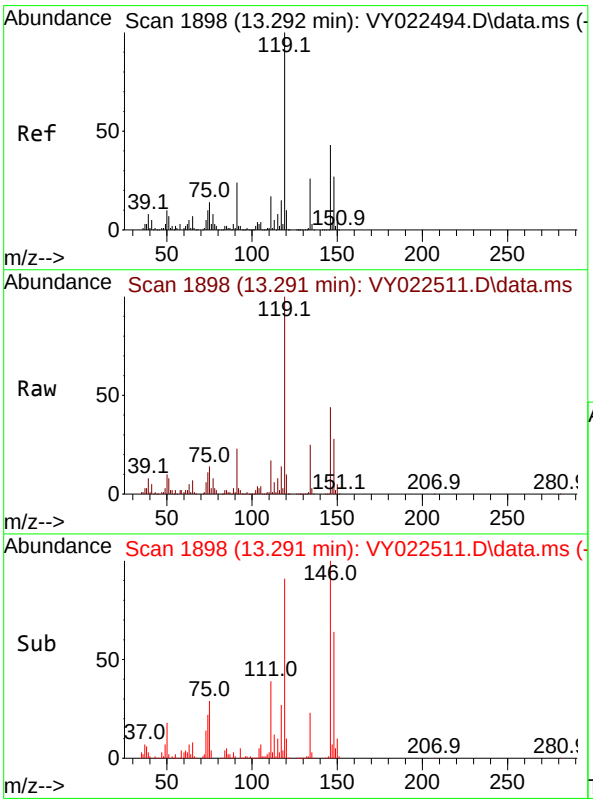
Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

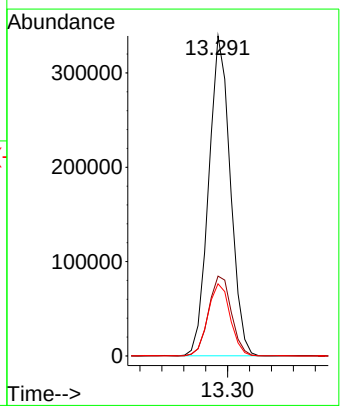
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

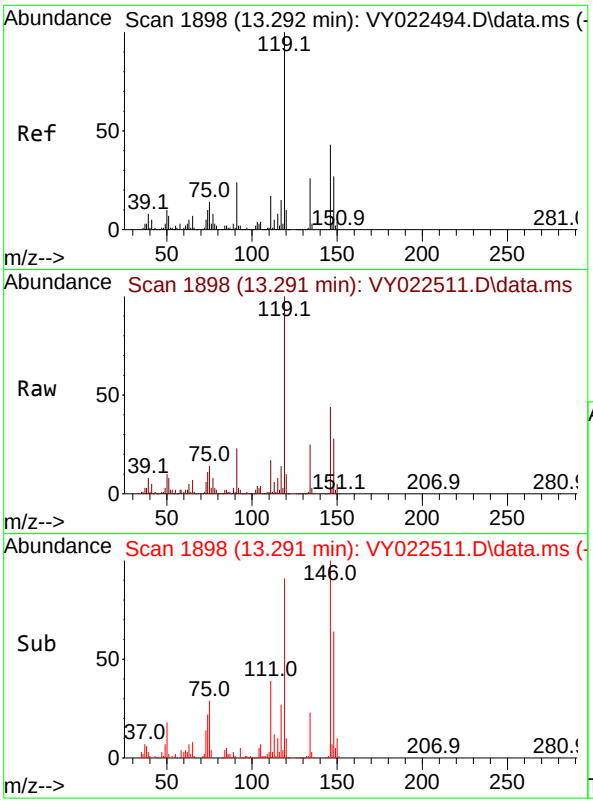


#86
p-Isopropyltoluene
Concen: 48.819 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:119 Resp: 464860

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.1
91	23.2	11.6	34.8

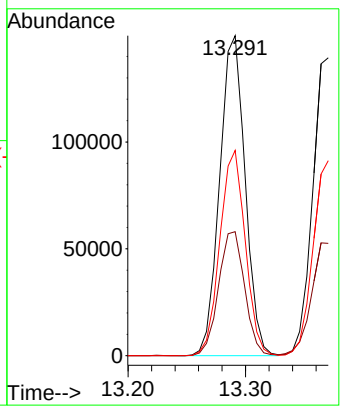




#87
1,3-Dichlorobenzene
Concen: 49.356 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:146 Resp: 22589

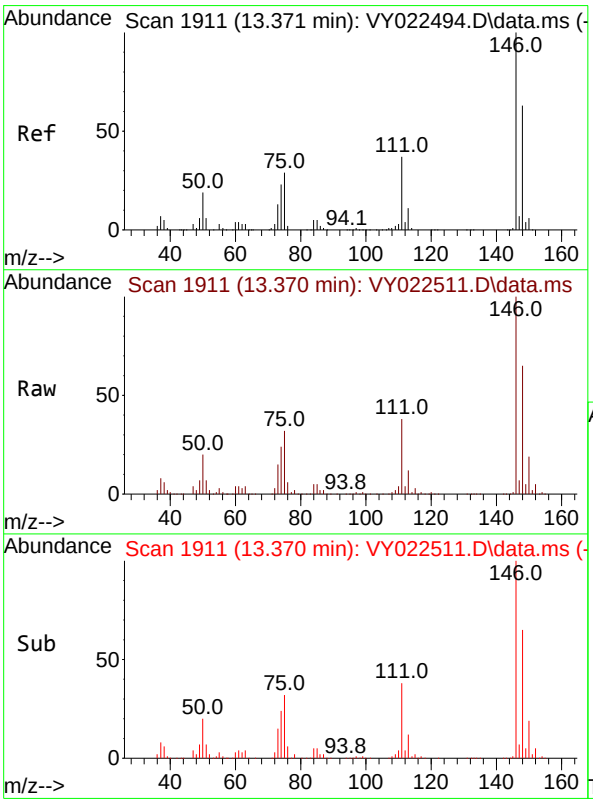
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	64.0	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

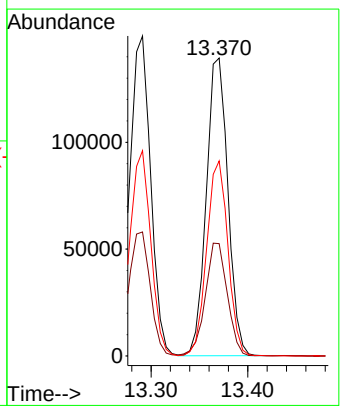
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

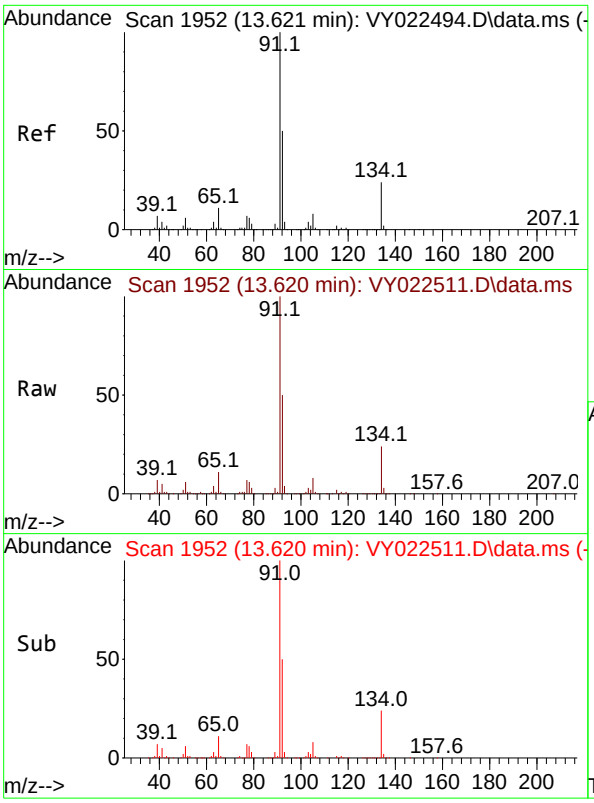


#88
1,4-Dichlorobenzene
Concen: 48.715 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:146 Resp: 216249

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.6	31.6	94.8

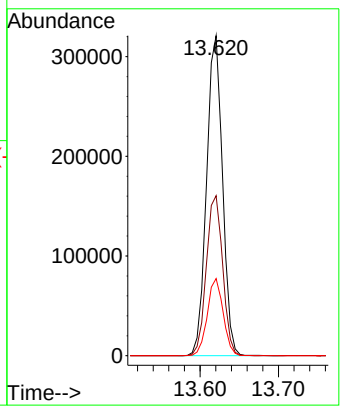




#89
n-Butylbenzene
Concen: 50.075 ug/l
RT: 13.620 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 45238

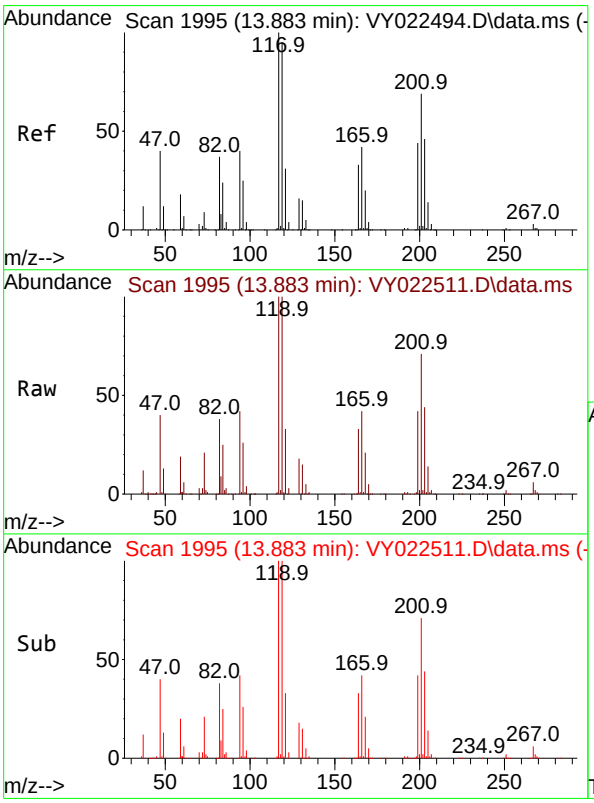
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.8
134	24.0	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

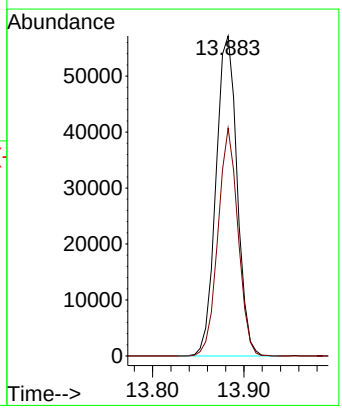
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

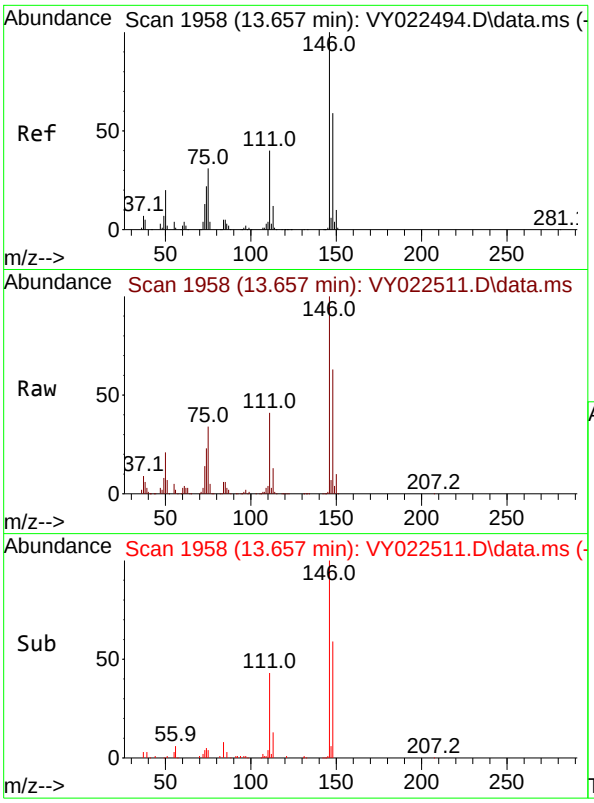


#90
Hexachloroethane
Concen: 49.550 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:117 Resp: 91854

Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.0	102.0

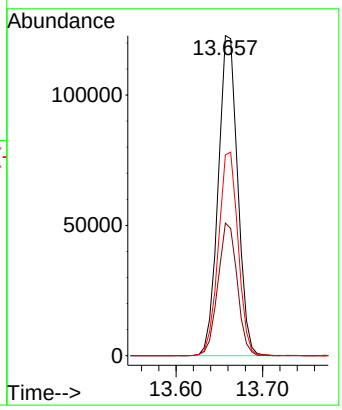




#91
1,2-Dichlorobenzene
Concen: 49.234 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:146 Resp: 19131

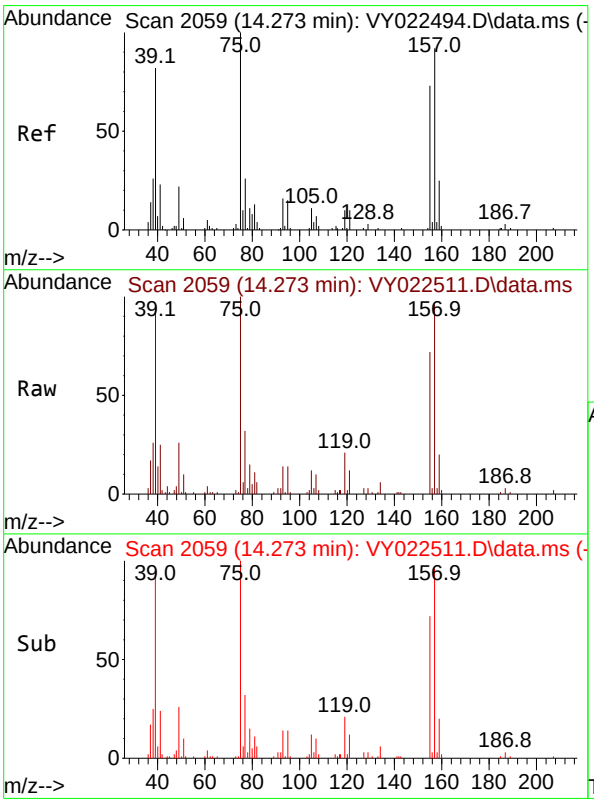
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	64.5	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

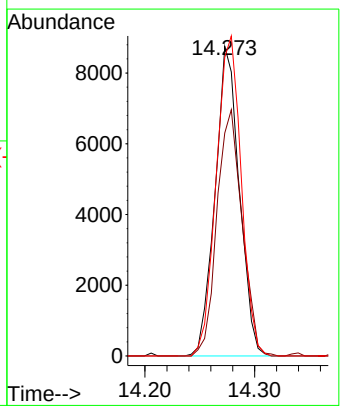
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

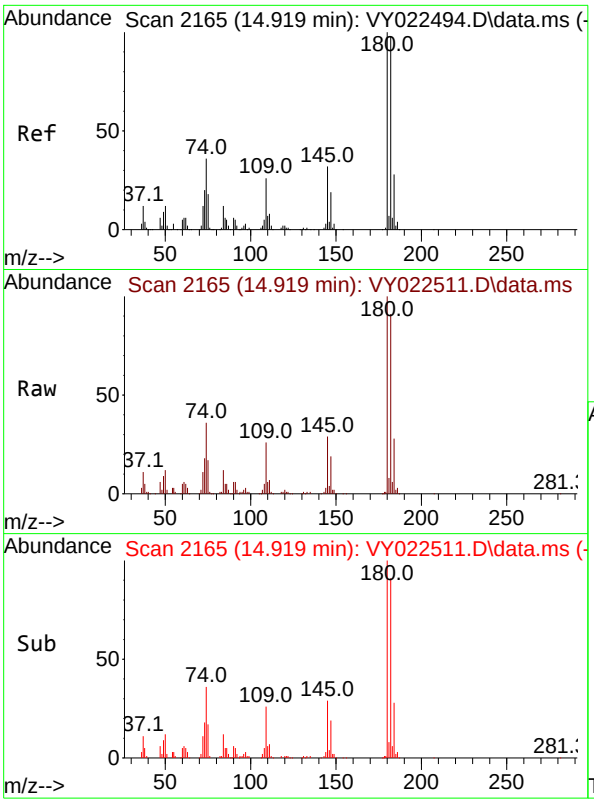


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.605 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 13456

Ion	Ratio	Lower	Upper
75	100		
155	82.4	39.9	119.6
157	106.5	54.0	162.0

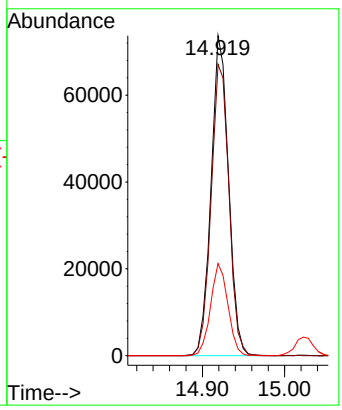




#93
1,2,4-Trichlorobenzene
Concen: 51.341 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:180 Resp: 10880

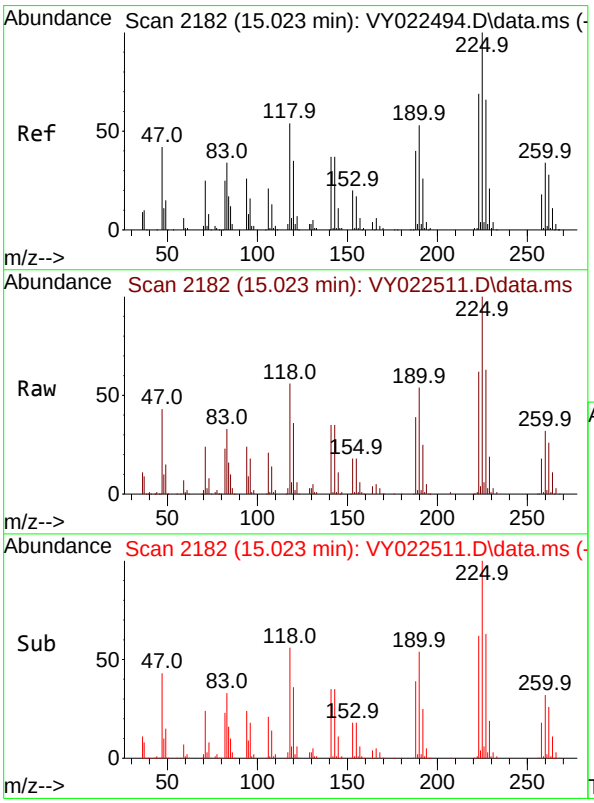
Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.4	145.3
145	28.5	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

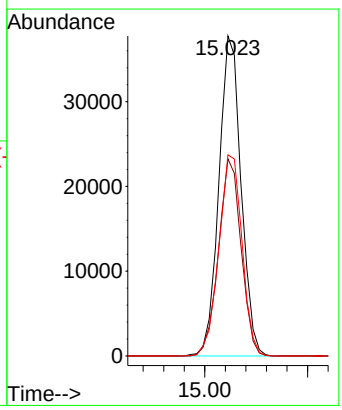
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

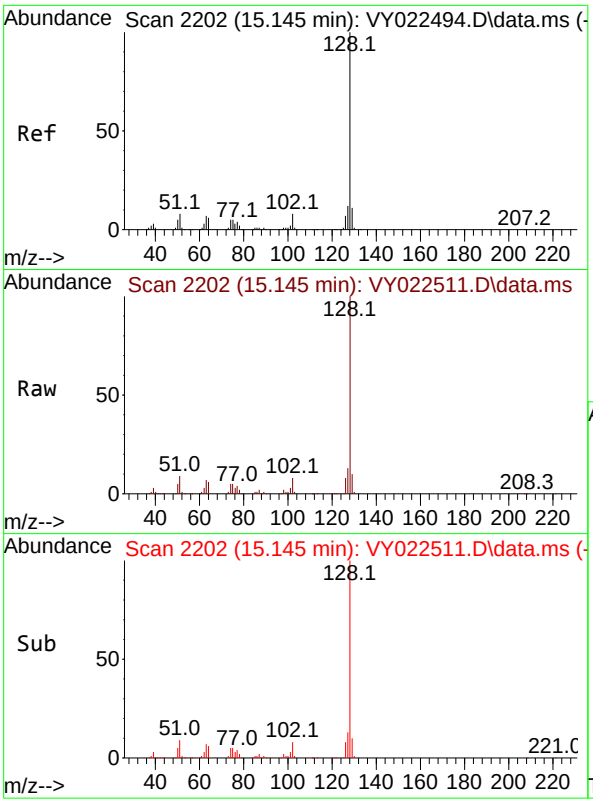


#94
Hexachlorobutadiene
Concen: 48.206 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:225 Resp: 56388

Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.5	97.4
227	65.6	32.3	96.9

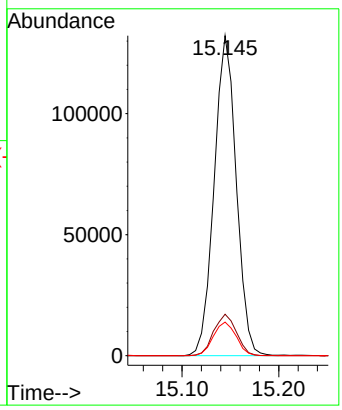




#95
Naphthalene
Concen: 51.588 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:128 Resp: 20980

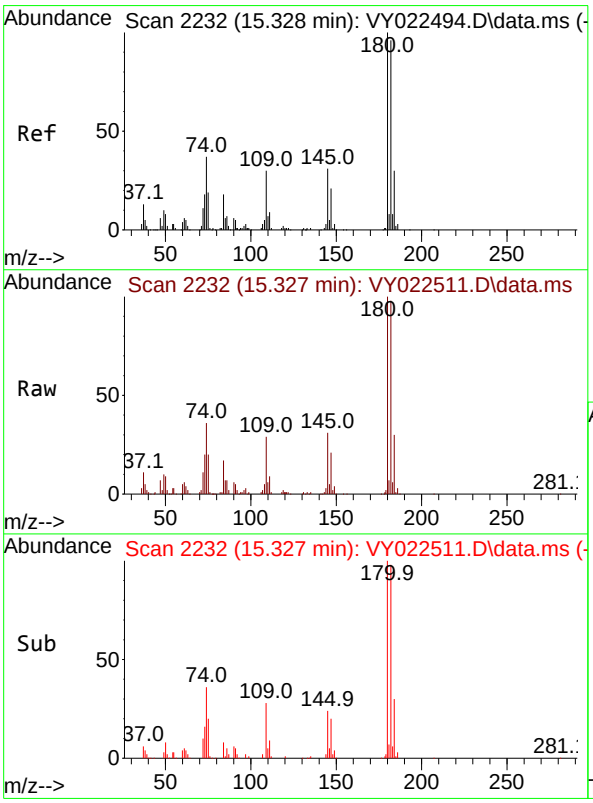
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

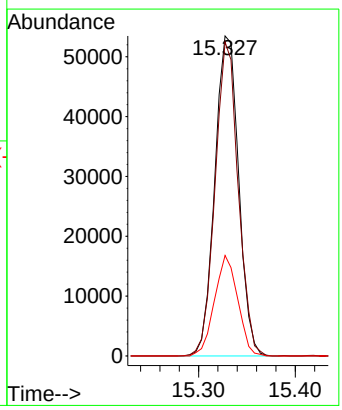
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.325 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:180 Resp: 91404

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.3
145	30.6	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	0.448	0.404	9.8	88	0.00
3	P	Chloromethane	1.322	1.316	0.5	96	0.00
4	C	Vinyl Chloride	1.534	1.560	-1.7#	93	0.00
5	T	Bromomethane	1.470	1.393	5.2	100	0.00
6	T	Chloroethane	1.053	1.102	-4.7	102	0.00
7	T	Trichlorofluoromethane	1.302	1.272	2.3	93	0.00
8	T	Diethyl Ether	0.293	0.296	-1.0	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.523	4.7	87	0.00
10	T	Methyl Iodide	0.594	0.619	-4.2	86	0.00
11	T	Tert butyl alcohol	0.040	0.040	0.0	91	0.00
12	CM	1,1-Dichloroethene	0.524	0.513	2.1#	89	0.00
13	T	Acrolein	0.050	0.047	6.0	88	0.00
14	T	Allyl chloride	0.823	0.823	0.0	91	0.00
15	T	Acrylonitrile	0.124	0.126	-1.6	90	0.00
16	T	Acetone	0.114	0.097	14.9	75	0.00
17	T	Carbon Disulfide	1.679	1.680	-0.1	90	0.00
18	T	Methyl Acetate	0.336	0.372	-10.7	100	0.00
19	T	Methyl tert-butyl Ether	1.477	1.494	-1.2	91	0.00
20	T	Methylene Chloride	0.645	0.579	10.2	90	0.00
21	T	trans-1,2-Dichloroethene	0.587	0.598	-1.9	94	0.00
22	T	Diisopropyl ether	1.832	1.850	-1.0	91	0.00
23	T	Vinyl Acetate	1.084	1.086	-0.2	90	0.00
24	P	1,1-Dichloroethane	1.079	1.105	-2.4	93	0.00
25	T	2-Butanone	0.164	0.160	2.4	85	0.00
26	T	2,2-Dichloropropane	0.954	0.956	-0.2	90	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.701	-3.4	92	0.00
28	T	Bromochloromethane	0.471	0.559	-18.7	110	0.00
29	T	Tetrahydrofuran	0.106	0.107	-0.9	91	0.00
30	C	Chloroform	1.069	1.105	-3.4#	93	0.00
31	T	Cyclohexane	1.075	0.985	8.4	87	0.00
32	T	1,1,1-Trichloroethane	0.949	0.968	-2.0	91	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.576	-3.0	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.298	0.300	-0.7	87	0.00
36	T	1,1-Dichloropropene	0.484	0.471	2.7	90	0.00
37	T	Ethyl Acetate	0.216	0.213	1.4	86	0.00
38	T	Carbon Tetrachloride	0.497	0.487	2.0	89	0.00
39	T	Methylcyclohexane	0.651	0.616	5.4	87	0.00
40	TM	Benzene	1.431	1.436	-0.3	92	0.00
41	T	Methacrylonitrile	0.126	0.127	-0.8	94	0.00
42	TM	1,2-Dichloroethane	0.391	0.395	-1.0	94	0.00
43	T	Isopropyl Acetate	0.467	0.462	1.1	90	0.00
44	TM	Trichloroethene	0.350	0.343	2.0	89	0.00
45	C	1,2-Dichloropropane	0.338	0.343	-1.5#	93	0.00
46	T	Dibromomethane	0.190	0.192	-1.1	92	0.00
47	T	Bromodichloromethane	0.482	0.494	-2.5	93	0.00
48	T	Methyl methacrylate	0.219	0.223	-1.8	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	90	0.00
50	S	Toluene-d8	1.206	1.224	-1.5	89	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.236	-1.3	90	0.00
52	CM	Toluene	0.899	0.901	-0.2#	92	0.00
53	T	t-1,3-Dichloropropene	0.452	0.460	-1.8	92	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.531	-1.0	92	0.00
55	T	1,1,2-Trichloroethane	0.243	0.243	0.0	93	0.00
56	T	Ethyl methacrylate	0.351	0.352	-0.3	90	0.00
57	T	1,3-Dichloropropane	0.430	0.429	0.2	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.172	-8.2	100	0.00
59	T	2-Hexanone	0.156	0.155	0.6	89	0.00
60	T	Dibromochloromethane	0.308	0.312	-1.3	92	0.00
61	T	1,2-Dibromoethane	0.221	0.225	-1.8	94	0.00
62	S	4-Bromofluorobenzene	0.359	0.354	1.4	88	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.430	0.422	1.9	90	0.00
65	PM	Chlorobenzene	1.106	1.118	-1.1	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.369	1.1	90	0.00
67	C	Ethyl Benzene	2.052	2.059	-0.3#	92	0.00
68	T	m/p-Xylenes	0.778	0.765	1.7	90	0.00
69	T	o-Xylene	0.729	0.713	2.2	90	0.00
70	T	Styrene	1.206	1.220	-1.2	92	0.00
71	P	Bromoform	0.198	0.195	1.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	4.105	4.015	2.2	91	0.00
74	T	N-amyl acetate	1.036	1.030	0.6	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.669	0.7	92	0.00
76	T	1,2,3-Trichloropropane	0.572	0.640	-11.9	95	0.00
77	T	Bromobenzene	0.866	0.862	0.5	93	0.00
78	T	n-propylbenzene	5.014	4.920	1.9	91	0.00
79	T	2-Chlorotoluene	2.657	2.614	1.6	91	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.192	1.0	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.234	1.3	93	0.00
82	T	4-Chlorotoluene	2.741	2.634	3.9	89	0.00
83	T	tert-Butylbenzene	2.893	2.852	1.4	92	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.204	0.6	93	0.00
85	T	sec-Butylbenzene	4.430	4.352	1.8	91	0.00
86	T	p-Isopropyltoluene	3.652	3.565	2.4	91	0.00
87	T	1,3-Dichlorobenzene	1.755	1.733	1.3	93	0.00
88	T	1,4-Dichlorobenzene	1.702	1.659	2.5	91	0.00
89	T	n-Butylbenzene	3.464	3.470	-0.2	92	0.00
90	T	Hexachloroethane	0.711	0.704	1.0	92	0.00
91	T	1,2-Dichlorobenzene	1.490	1.467	1.5	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.103	-5.1	92	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.835	-2.7	95	0.00
94	T	Hexachlorobutadiene	0.449	0.432	3.8	90	0.00
95	T	Naphthalene	1.560	1.609	-3.1	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.701	-0.6	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	50.000	45.159	9.7	88	0.00
3	P	Chloromethane	50.000	49.765	0.5	96	0.00
4	C	Vinyl Chloride	50.000	50.846	-1.7#	93	0.00
5	T	Bromomethane	50.000	47.366	5.3	100	0.00
6	T	Chloroethane	50.000	52.331	-4.7	102	0.00
7	T	Trichlorofluoromethane	50.000	48.826	2.3	93	0.00
8	T	Diethyl Ether	50.000	50.439	-0.9	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.685	4.6	87	0.00
10	T	Methyl Iodide	50.000	52.134	-4.3	86	0.00
11	T	Tert butyl alcohol	250.000	250.557	-0.2	91	0.00
12	CM	1,1-Dichloroethene	50.000	48.879	2.2#	89	0.00
13	T	Acrolein	250.000	237.627	4.9	88	0.00
14	T	Allyl chloride	50.000	49.983	0.0	91	0.00
15	T	Acrylonitrile	250.000	253.468	-1.4	90	0.00
16	T	Acetone	250.000	214.391	14.2	75	0.00
17	T	Carbon Disulfide	50.000	50.043	-0.1	90	0.00
18	T	Methyl Acetate	50.000	55.372	-10.7	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.593	-1.2	91	0.00
20	T	Methylene Chloride	50.000	44.882	10.2	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.918	-1.8	94	0.00
22	T	Diisopropyl ether	50.000	50.496	-1.0	91	0.00
23	T	Vinyl Acetate	250.000	250.435	-0.2	90	0.00
24	P	1,1-Dichloroethane	50.000	51.165	-2.3	93	0.00
25	T	2-Butanone	250.000	243.928	2.4	85	0.00
26	T	2,2-Dichloropropane	50.000	50.109	-0.2	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.693	-3.4	92	0.00
28	T	Bromochloromethane	50.000	59.357	-18.7	110	0.00
29	T	Tetrahydrofuran	250.000	252.240	-0.9	91	0.00
30	C	Chloroform	50.000	51.658	-3.3#	93	0.00
31	T	Cyclohexane	50.000	45.846	8.3	87	0.00
32	T	1,1,1-Trichloroethane	50.000	51.007	-2.0	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.532	-3.1	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	50.202	-0.4	87	0.00
36	T	1,1-Dichloropropene	50.000	48.633	2.7	90	0.00
37	T	Ethyl Acetate	50.000	49.352	1.3	86	0.00
38	T	Carbon Tetrachloride	50.000	48.960	2.1	89	0.00
39	T	Methylcyclohexane	50.000	47.312	5.4	87	0.00
40	TM	Benzene	50.000	50.204	-0.4	92	0.00
41	T	Methacrylonitrile	50.000	50.197	-0.4	94	0.00
42	TM	1,2-Dichloroethane	50.000	50.581	-1.2	94	0.00
43	T	Isopropyl Acetate	50.000	49.510	1.0	90	0.00
44	TM	Trichloroethene	50.000	49.009	2.0	89	0.00
45	C	1,2-Dichloropropane	50.000	50.749	-1.5#	93	0.00
46	T	Dibromomethane	50.000	50.378	-0.8	92	0.00
47	T	Bromodichloromethane	50.000	51.199	-2.4	93	0.00
48	T	Methyl methacrylate	50.000	50.927	-1.9	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	943.857	5.6	90	0.00
50	S	Toluene-d8	50.000	50.750	-1.5	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.585	-1.4	90	0.00
52	CM	Toluene	50.000	50.084	-0.2#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	50.914	-1.8	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.428	-0.9	92	0.00
55	T	1,1,2-Trichloroethane	50.000	50.121	-0.2	93	0.00
56	T	Ethyl methacrylate	50.000	50.203	-0.4	90	0.00
57	T	1,3-Dichloropropane	50.000	49.900	0.2	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	269.440	-7.8	100	0.00
59	T	2-Hexanone	250.000	248.499	0.6	89	0.00
60	T	Dibromochloromethane	50.000	50.578	-1.2	92	0.00
61	T	1,2-Dibromoethane	50.000	50.829	-1.7	94	0.00
62	S	4-Bromofluorobenzene	50.000	49.265	1.5	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	49.032	1.9	90	0.00
65	PM	Chlorobenzene	50.000	50.500	-1.0	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.530	0.9	90	0.00
67	C	Ethyl Benzene	50.000	50.175	-0.3#	92	0.00
68	T	m/p-Xylenes	100.000	98.325	1.7	90	0.00
69	T	o-Xylene	50.000	48.847	2.3	90	0.00
70	T	Styrene	50.000	50.608	-1.2	92	0.00
71	P	Bromoform	50.000	49.211	1.6	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	48.906	2.2	91	0.00
74	T	N-amyl acetate	50.000	49.739	0.5	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.668	0.7	92	0.00
76	T	1,2,3-Trichloropropane	50.000	55.912	-11.8	95	0.00
77	T	Bromobenzene	50.000	49.743	0.5	93	0.00
78	T	n-propylbenzene	50.000	49.060	1.9	91	0.00
79	T	2-Chlorotoluene	50.000	49.190	1.6	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.521	1.0	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.369	1.3	93	0.00
82	T	4-Chlorotoluene	50.000	48.038	3.9	89	0.00
83	T	tert-Butylbenzene	50.000	49.296	1.4	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.704	0.6	93	0.00
85	T	sec-Butylbenzene	50.000	49.121	1.8	91	0.00
86	T	p-Isopropyltoluene	50.000	48.819	2.4	91	0.00
87	T	1,3-Dichlorobenzene	50.000	49.356	1.3	93	0.00
88	T	1,4-Dichlorobenzene	50.000	48.715	2.6	91	0.00
89	T	n-Butylbenzene	50.000	50.075	-0.2	92	0.00
90	T	Hexachloroethane	50.000	49.550	0.9	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.234	1.5	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.605	-5.2	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.341	-2.7	95	0.00
94	T	Hexachlorobutadiene	50.000	48.206	3.6	90	0.00
95	T	Naphthalene	50.000	51.588	-3.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.325	-0.7	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date/Time: 06/03/2025 20:51

Lab File ID: VY022536.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	1.322	1.505	0.1	13.84	50
Vinyl Chloride	1.534	1.832		19.43	50
Bromomethane	1.470	1.391		-5.37	50
Chloroethane	1.053	1.190		13.01	50
Trichlorofluoromethane	1.302	1.443		10.83	50
1,1,2-Trichlorotrifluoroethane	0.549	0.527		-4.01	50
1,1-Dichloroethene	0.524	0.518		-1.14	50
Acetone	0.114	0.093		-18.42	50
Carbon Disulfide	1.679	1.643		-2.14	50
Methyl tert-butyl Ether	1.477	1.522		3.05	50
Methylene Chloride	0.645	0.625		-3.1	50
trans-1,2-Dichloroethene	0.587	0.601		2.38	50
1,1-Dichloroethane	1.079	1.124	0.1	4.17	50
2-Butanone	0.164	0.157		-4.27	50
Carbon Tetrachloride	0.497	0.478		-3.82	50
cis-1,2-Dichloroethene	0.678	0.716		5.61	50
Chloroform	1.069	1.151		7.67	50
1,1,1-Trichloroethane	0.949	0.985		3.79	50
Methylcyclohexane	0.651	0.594		-8.76	50
Benzene	1.431	1.465		2.38	50
1,2-Dichloroethane	0.391	0.398		1.79	50
Trichloroethene	0.350	0.354		1.14	50
1,2-Dichloropropane	0.338	0.338		0	50
Bromodichloromethane	0.482	0.503		4.36	50
4-Methyl-2-Pentanone	0.233	0.232		-0.43	50
Toluene	0.899	0.909		1.11	50
t-1,3-Dichloropropene	0.452	0.442		-2.21	50
cis-1,3-Dichloropropene	0.526	0.520		-1.14	50
1,1,2-Trichloroethane	0.243	0.247		1.65	50
2-Hexanone	0.156	0.154		-1.28	50
Dibromochloromethane	0.308	0.311		0.97	50
Tetrachloroethene	0.430	0.459		6.74	50
Chlorobenzene	1.106	1.132	0.3	2.35	50
Ethyl Benzene	2.052	2.057		0.24	50
m/p-Xylenes	0.778	0.782		0.51	50
o-Xylene	0.729	0.739		1.37	50
Styrene	1.206	1.236		2.49	50
Bromoform	0.198	0.202	0.1	2.02	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q2162 SAS No.: Q2162 SDG No.: Q2162

Instrument ID: MSVOA_Y Calibration Date/Time: 06/03/2025 20:51

Lab File ID: VY022536.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Isopropylbenzene	4.105	4.064		-1	50
1,1,2,2-Tetrachloroethane	0.674	0.647	0.3	-4.01	50
1,3-Dichlorobenzene	1.755	1.761		0.34	50
1,4-Dichlorobenzene	1.702	1.697		-0.29	50
1,2-Dichlorobenzene	1.490	1.517		1.81	50
1,2-Dichloroethane-d4	0.559	0.605		8.23	50
Dibromofluoromethane	0.298	0.320		7.38	50
Toluene-d8	1.206	1.276		5.8	50
4-Bromofluorobenzene	0.359	0.370		3.06	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\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.707	168	166062	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290559	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.414	117	247870	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116307	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.061	65	100440	54.078 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.160%		
35) Dibromofluoromethane	7.634	113	93036	53.645 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.300%		
50) Toluene-d8	10.103	98	370610	52.887 ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.780%		
62) 4-Bromofluorobenzene	12.402	95	107560	51.515 ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.040%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.861	85	64538	43.409 ug/l	95
3) Chloromethane	2.062	50	249960	56.910 ug/l	99
4) Vinyl Chloride	2.202	62	304232	59.708 ug/l	98
5) Bromomethane	2.592	94	230941	47.288 ug/l	99
6) Chloroethane	2.732	64	197595	56.499 ug/l	91
7) Trichlorofluoromethane	3.043	101	239701	55.414 ug/l	99
8) Diethyl Ether	3.452	74	50449	51.788 ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	87472	48.014 ug/l	99
10) Methyl Iodide	4.001	142	97700	49.555 ug/l	98
11) Tert butyl alcohol	4.878	59	32054	241.634 ug/l	100
12) 1,1-Dichloroethene	3.787	96	85972	49.369 ug/l	97
13) Acrolein	3.653	56	34492	208.635 ug/l	99
14) Allyl chloride	4.379	41	134044	49.032 ug/l	99
15) Acrylonitrile	5.061	53	106566	258.303 ug/l	100
16) Acetone	3.879	43	76951	204.010 ug/l	98
17) Carbon Disulfide	4.104	76	272880	48.945 ug/l	100
18) Methyl Acetate	4.385	43	64722	57.944 ug/l	96
19) Methyl tert-butyl Ether	5.116	73	252752	51.530 ug/l	95
20) Methylene Chloride	4.610	84	103775	48.434 ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	99855	51.234 ug/l	98
22) Diisopropyl ether	6.019	45	309614	50.880 ug/l	98
23) Vinyl Acetate	5.964	43	872923	242.366 ug/l	100
24) 1,1-Dichloroethane	5.909	63	186627	52.059 ug/l	100
25) 2-Butanone	6.896	43	130543	239.934 ug/l	99
26) 2,2-Dichloropropane	6.884	77	141764	44.756 ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118957	52.805 ug/l	99
28) Bromochloromethane	7.244	49	81360	52.064 ug/l	98
29) Tetrahydrofuran	7.262	42	88912	253.372 ug/l	98
30) Chloroform	7.421	83	191144	53.831 ug/l	96
31) Cyclohexane	7.701	56	159421	44.669 ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	163575	51.894 ug/l	100
36) 1,1-Dichloropropene	7.835	75	135585	48.169 ug/l	100
37) Ethyl Acetate	6.988	43	62043	49.427 ug/l	99
38) Carbon Tetrachloride	7.817	117	138842	48.083 ug/l	97
39) Methylcyclohexane	9.109	83	172541	45.614 ug/l	98
40) Benzene	8.079	78	425567	51.189 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	36219m	49.399	ug/l		
42) 1,2-Dichloroethane	8.158	62	115630	50.939	ug/l		100
43) Isopropyl Acetate	8.195	43	131831	48.629	ug/l		99
44) Trichloroethene	8.866	130	102849	50.618	ug/l		96
45) 1,2-Dichloropropane	9.140	63	98157	49.958	ug/l		97
46) Dibromomethane	9.231	93	56522	51.134	ug/l		98
47) Bromodichloromethane	9.420	83	146284	52.192	ug/l		99
48) Methyl methacrylate	9.219	41	61711	48.502	ug/l		96
49) 1,4-Dioxane	9.231	88	13528	1033.044	ug/l		95
51) 4-Methyl-2-Pentanone	9.993	43	337478	249.686	ug/l		98
52) Toluene	10.170	92	264244	50.578	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	128425	48.903	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	151178	49.453	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	71912	51.020	ug/l		97
56) Ethyl methacrylate	10.438	69	100924	49.541	ug/l		98
57) 1,3-Dichloropropane	10.713	76	128157	51.300	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	140012	151.378	ug/l		99
59) 2-Hexanone	10.755	43	224037	247.844	ug/l		99
60) Dibromochloromethane	10.908	129	90388	50.462	ug/l		99
61) 1,2-Dibromoethane	11.012	107	66866	52.050	ug/l		96
64) Tetrachloroethene	10.646	164	113736	53.342	ug/l		94
65) Chlorobenzene	11.438	112	280496	51.138	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93891	50.813	ug/l		99
67) Ethyl Benzene	11.518	91	509853	50.115	ug/l		99
68) m/p-Xylenes	11.627	106	387428	100.456	ug/l		99
69) o-Xylene	11.950	106	183057	50.625	ug/l		99
70) Styrene	11.969	104	306334	51.252	ug/l		99
71) Bromoform	12.127	173	50026	50.877	ug/l	#	100
73) Isopropylbenzene	12.249	105	472687	49.502	ug/l		99
74) N-amyl acetate	12.066	43	121215	50.310	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	75257	48.020	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	76373m	57.398	ug/l		
77) Bromobenzene	12.530	156	100763	50.006	ug/l		99
78) n-propylbenzene	12.590	91	577009	49.474	ug/l		99
79) 2-Chlorotoluene	12.676	91	310881	50.294	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	373572	49.832	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	23497	42.645	ug/l		97
82) 4-Chlorotoluene	12.773	91	310489	48.691	ug/l		98
83) tert-Butylbenzene	12.993	119	341012	50.683	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	376096	50.160	ug/l		100
85) sec-Butylbenzene	13.170	105	505174	49.023	ug/l		100
86) p-Isopropyltoluene	13.292	119	415739	48.945	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	204862	50.179	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	197352	49.839	ug/l		99
89) n-Butylbenzene	13.615	91	393731	48.858	ug/l		100
90) Hexachloroethane	13.877	117	82732	50.031	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	176409	50.893	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11440	50.137	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	94854	50.174	ug/l		96
94) Hexachlorobutadiene	15.023	225	50011	47.930	ug/l		99
95) Naphthalene	15.139	128	186479	51.402	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	81365	50.220	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

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

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

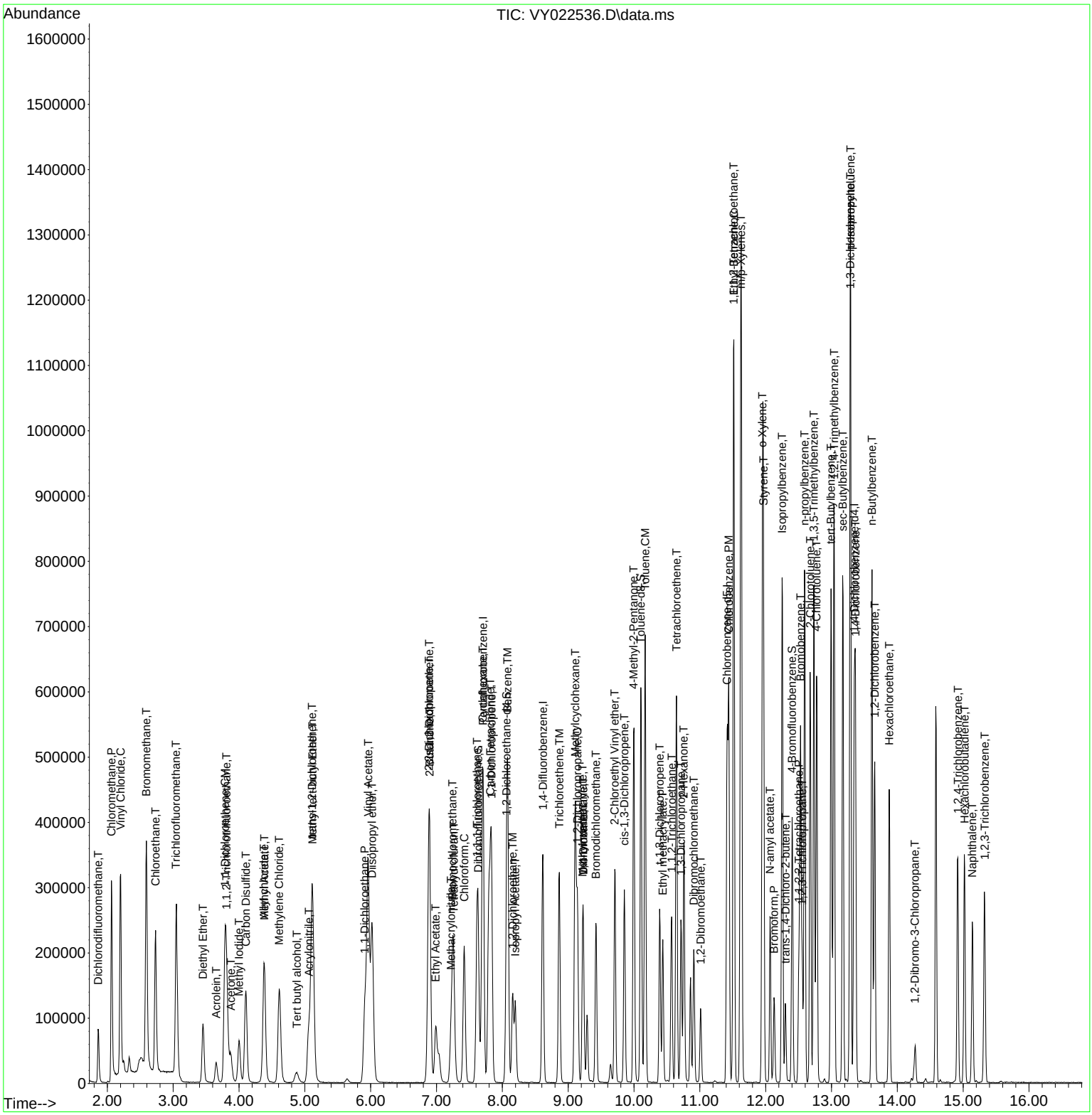
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Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

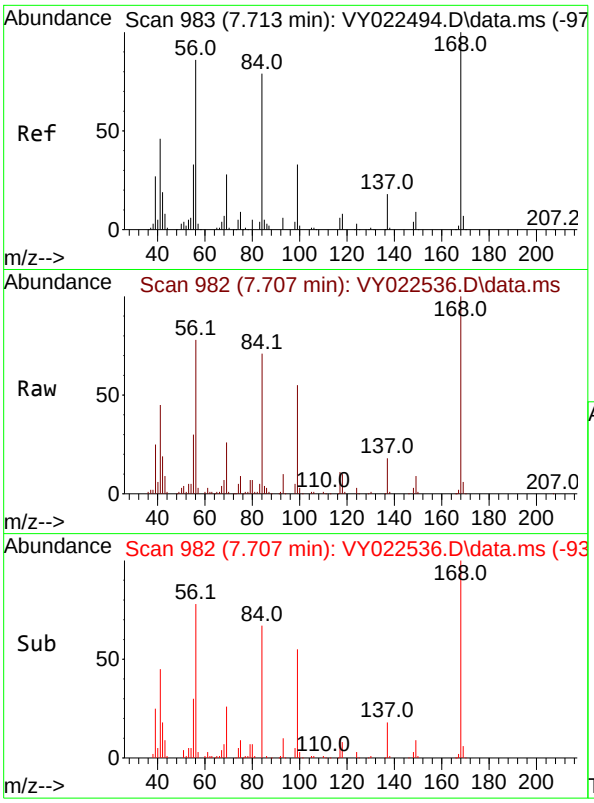
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

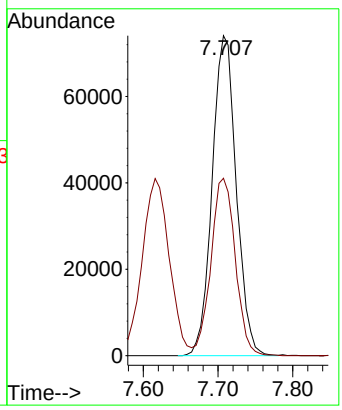
Tgt Ion:168 Resp: 16606

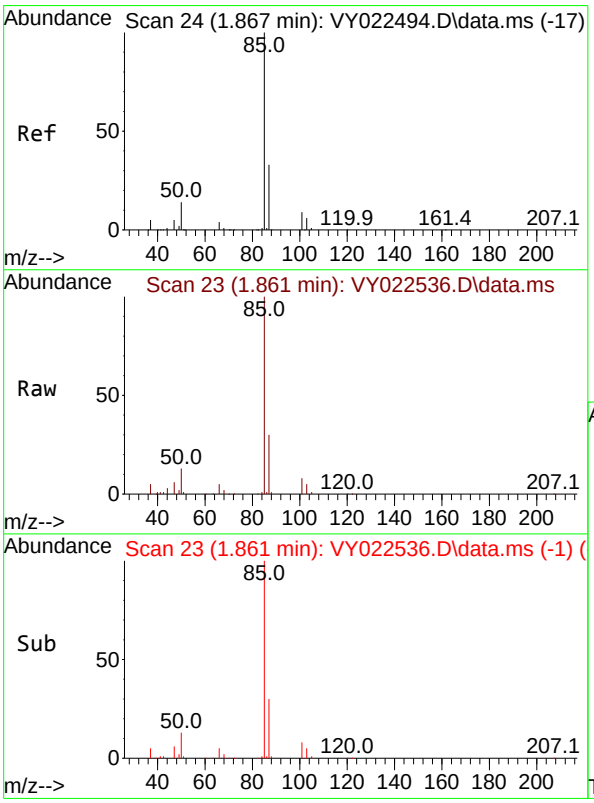
Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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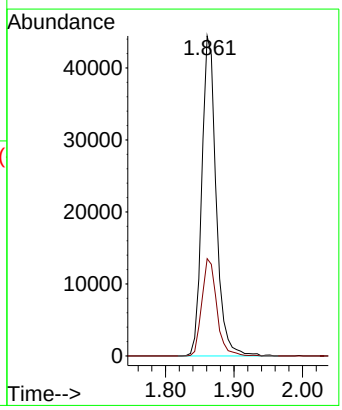


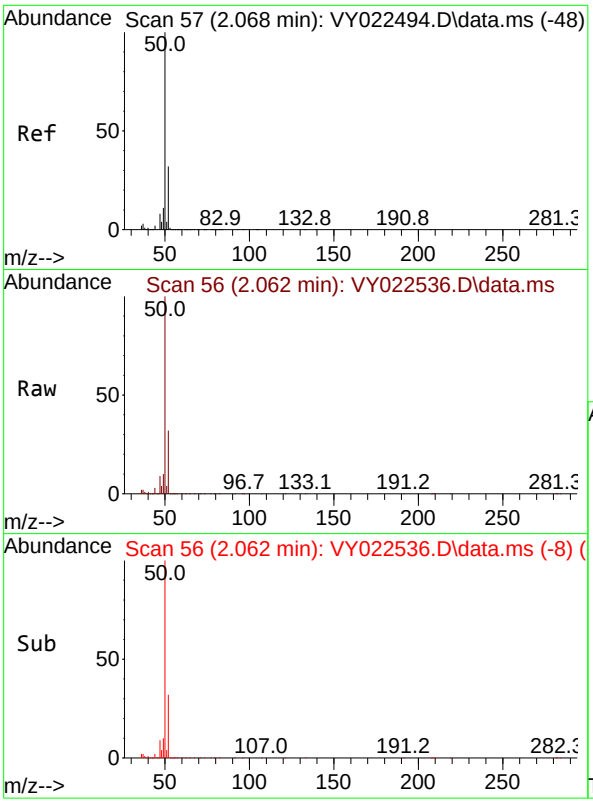


#2
Dichlorodifluoromethane
Concen: 43.409 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 85 Resp: 64538

Ion	Ratio	Lower	Upper
85	100		
87	30.4	16.7	50.0

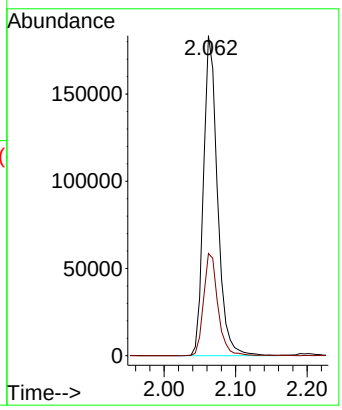




#3
Chloromethane
Concen: 56.910 ug/l
RT: 2.062 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 50 Resp: 24996

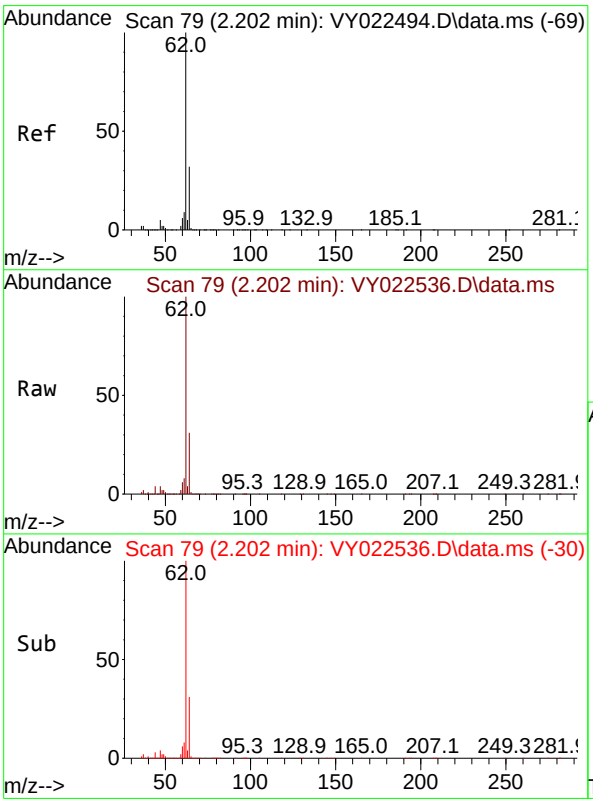
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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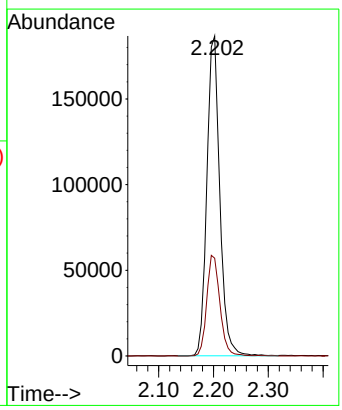
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

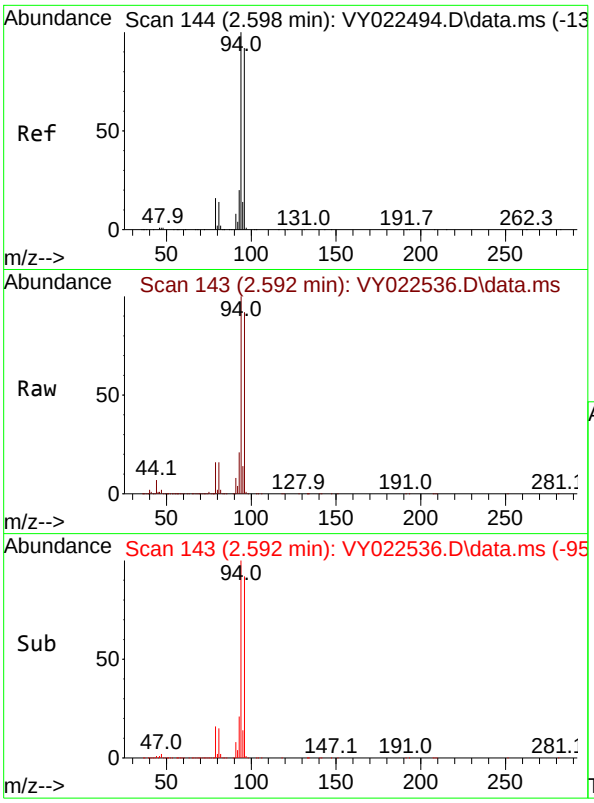


#4
Vinyl Chloride
Concen: 59.708 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 62 Resp: 304232

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.3	37.9





#5
Bromomethane
Concen: 47.288 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

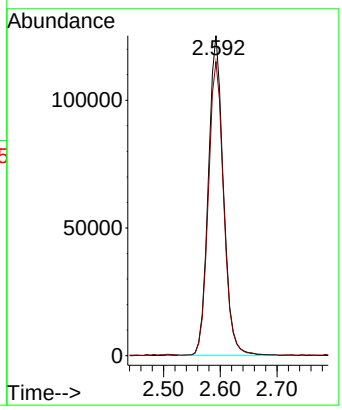
Tgt Ion: 94 Resp: 23094

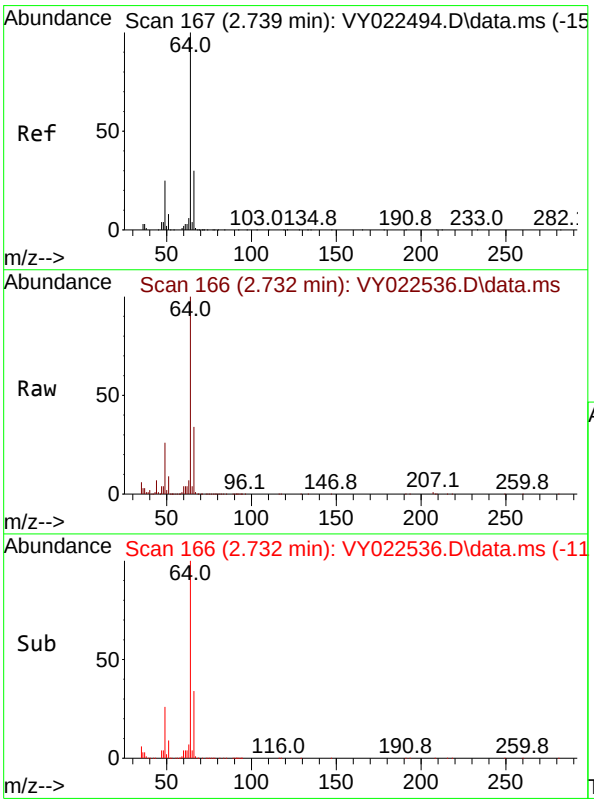
Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/04/2025

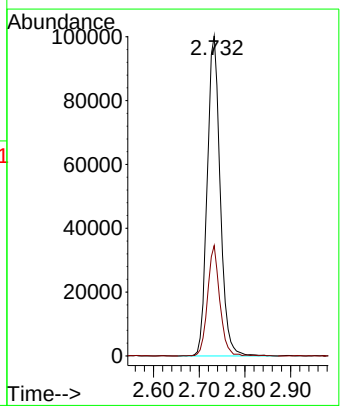


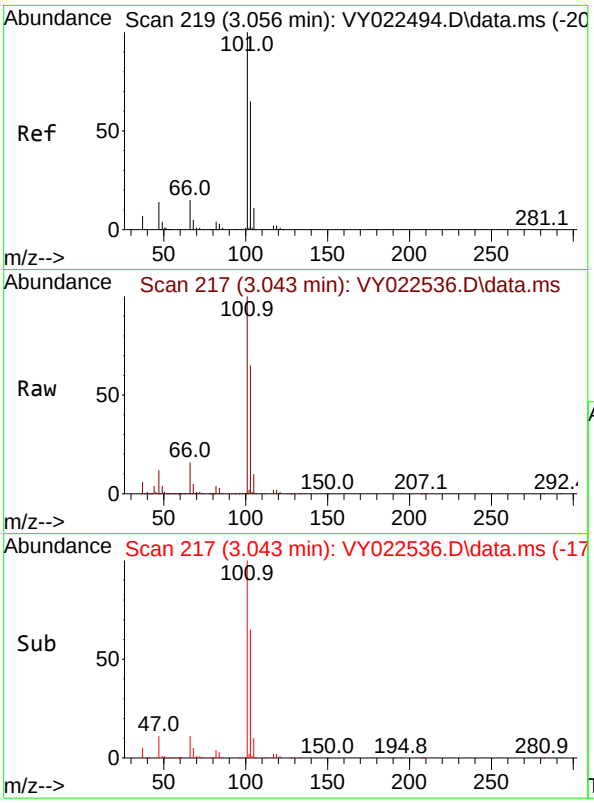


#6
Chloroethane
Concen: 56.499 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 64 Resp: 197595

Ion	Ratio	Lower	Upper
64	100		
66	34.5	23.8	35.6





#7
Trichlorofluoromethane
Concen: 55.414 ug/l
RT: 3.043 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

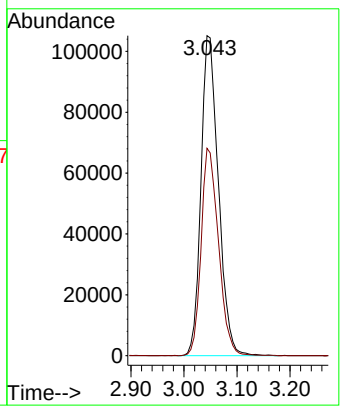
Tgt Ion:101 Resp: 23970

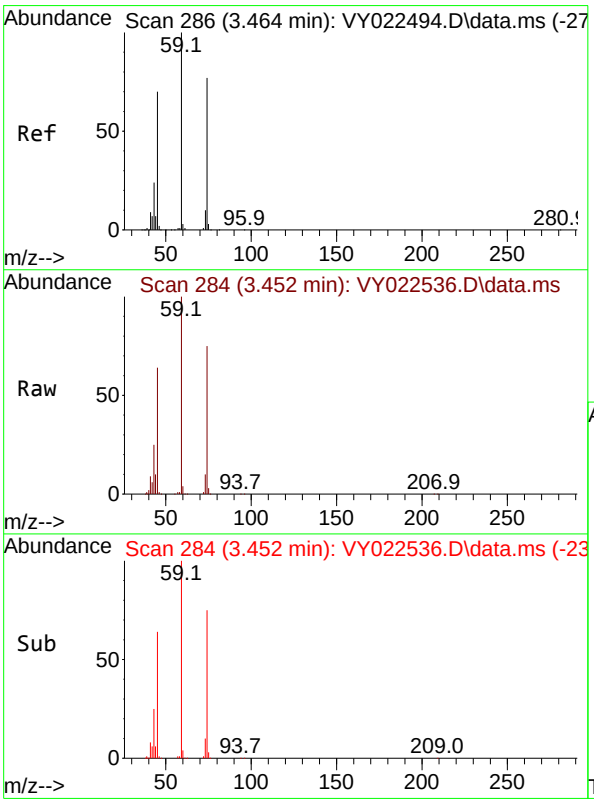
Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

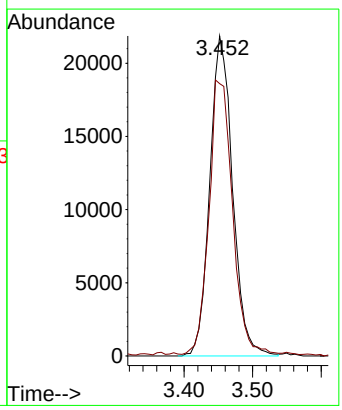


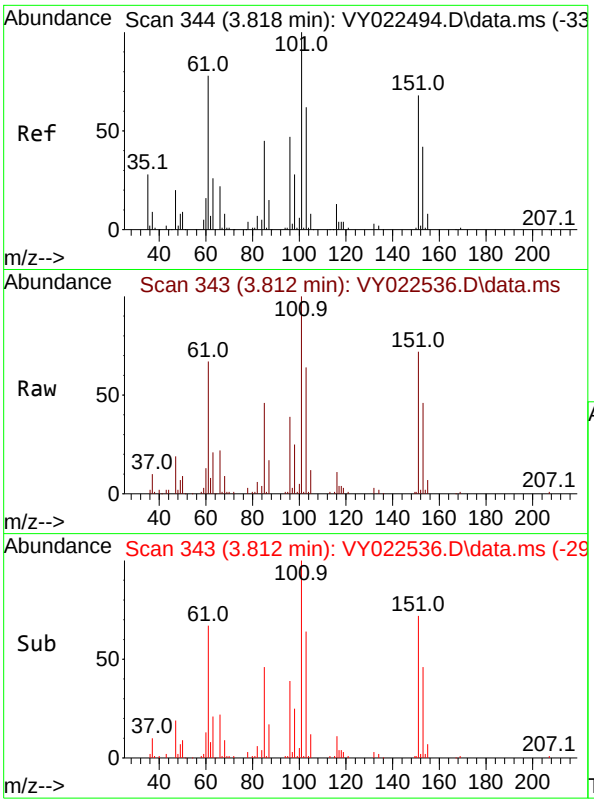


#8
Diethyl Ether
Concen: 51.788 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 74 Resp: 50449

Ion	Ratio	Lower	Upper
74	100		
45	88.6	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.014 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

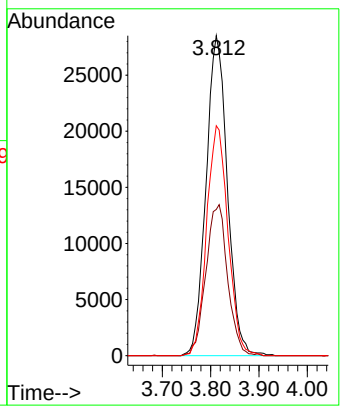
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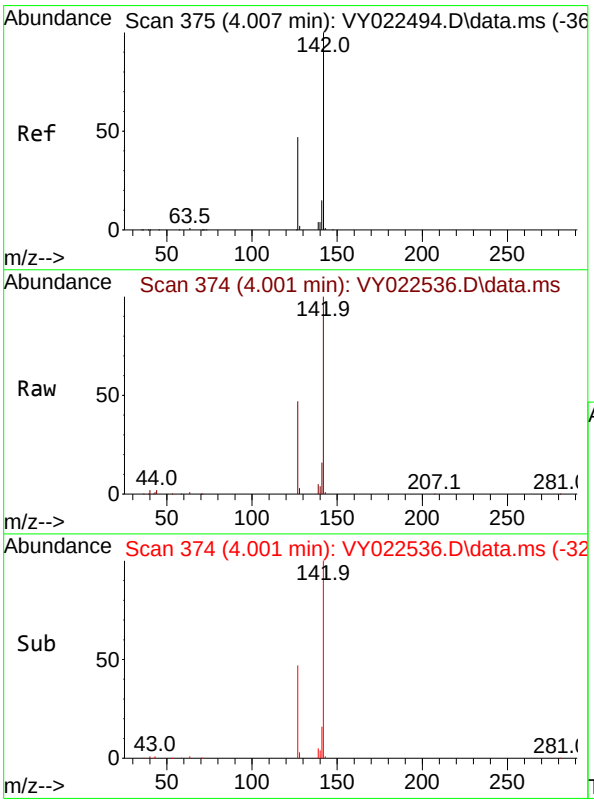
Ion	Ratio	Lower	Upper
101	100		
85	48.2	39.3	58.9
151	71.8	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/04/2025

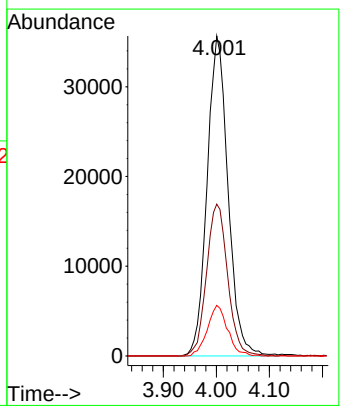


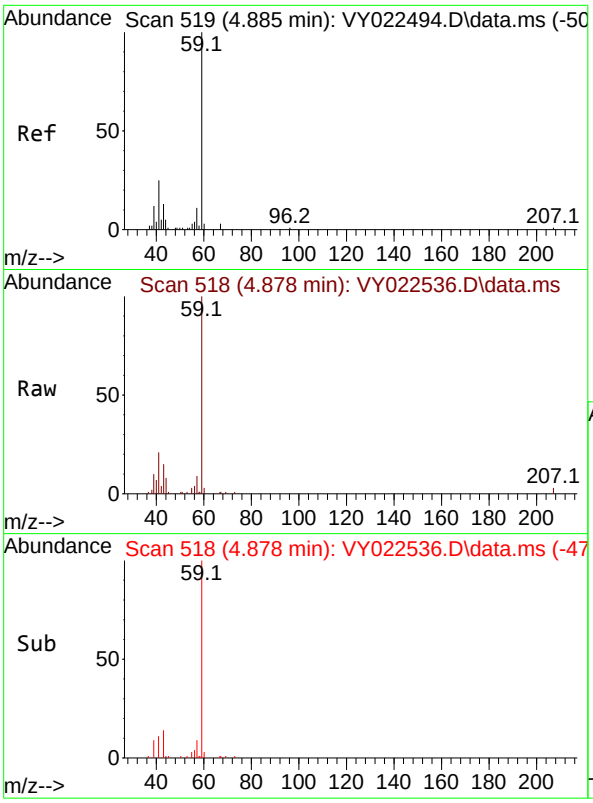


#10
Methyl Iodide
Concen: 49.555 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:142 Resp: 97700

Ion	Ratio	Lower	Upper
142	100		
127	47.9	37.1	55.7
141	15.3	11.4	17.2

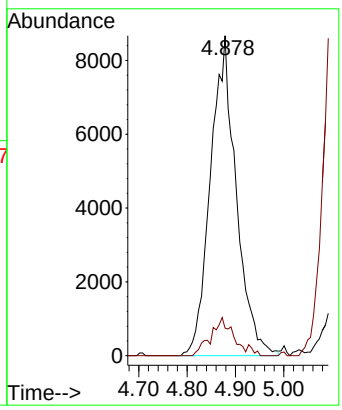




#11
Tert butyl alcohol
Concen: 241.634 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 59 Resp: 3205

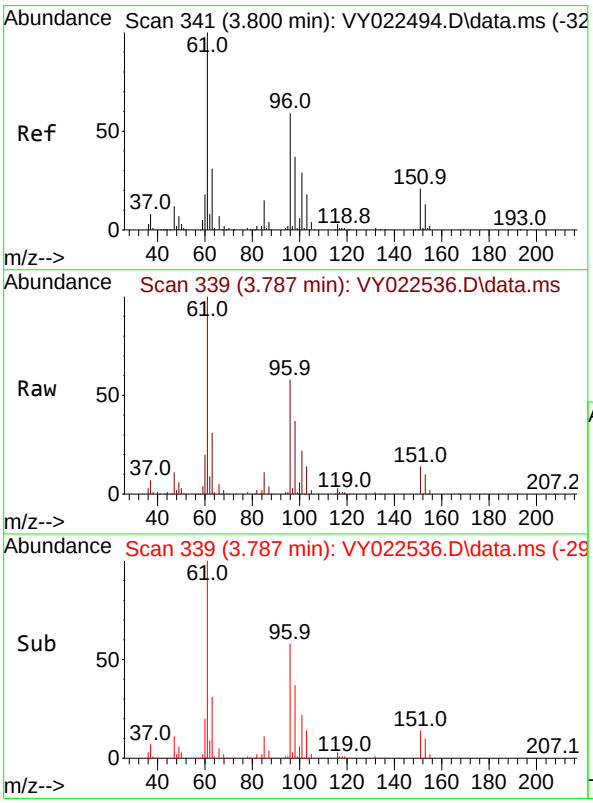
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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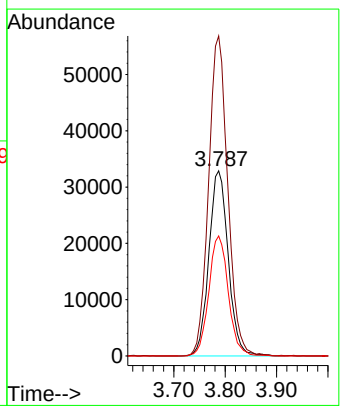
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

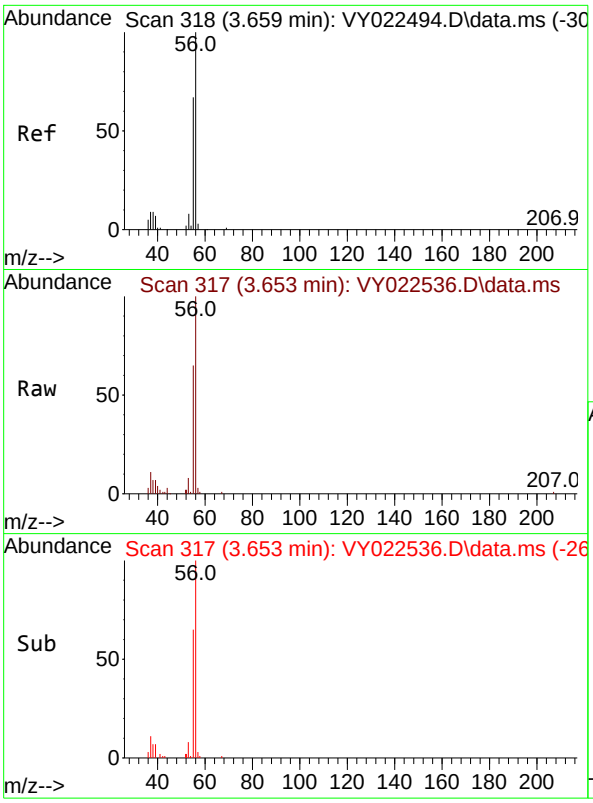


#12
1,1-Dichloroethene
Concen: 49.369 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 96 Resp: 85972

Ion	Ratio	Lower	Upper
96	100		
61	172.9	134.6	201.8
98	64.8	50.2	75.4





#13
Acrolein
Concen: 208.635 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

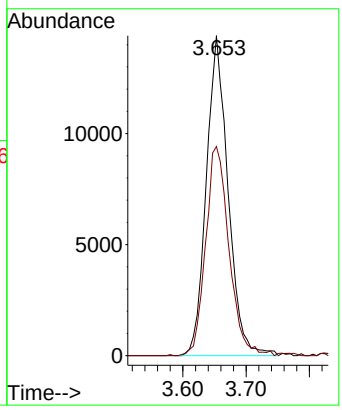
Tgt Ion: 56 Resp: 3449

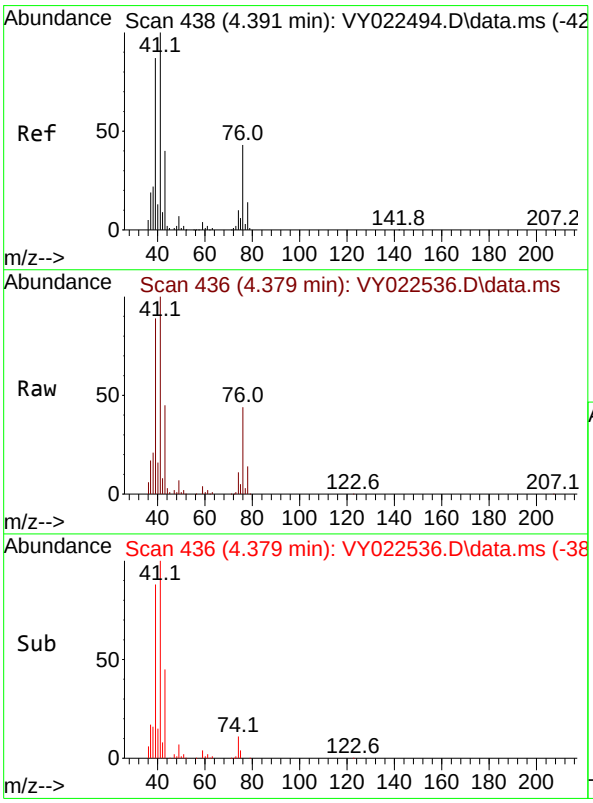
Ion	Ratio	Lower	Upper
56	100		
55	70.2	57.0	85.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

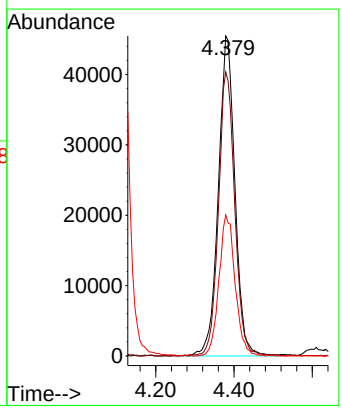


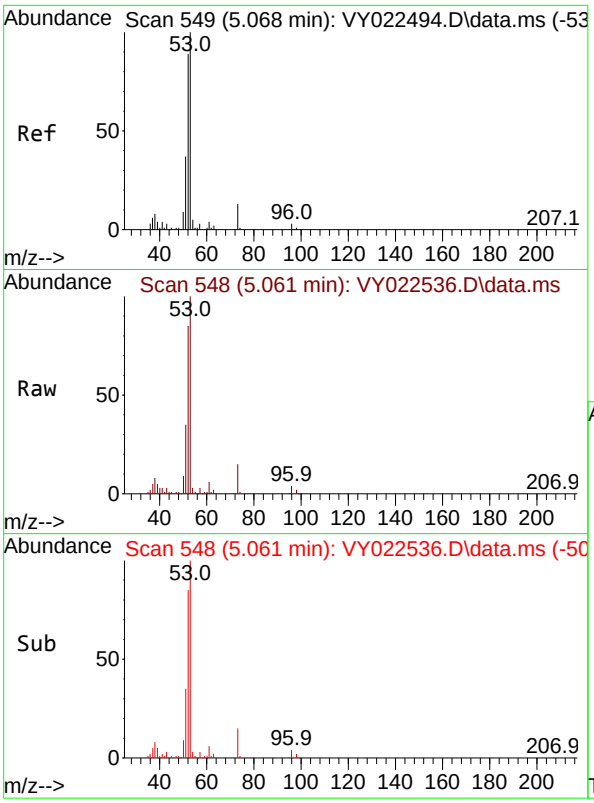


#14
Allyl chloride
Concen: 49.032 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 134044

Ion	Ratio	Lower	Upper
41	100		
39	87.2	69.1	103.7
76	42.8	33.5	50.3





#15
Acrylonitrile
Concen: 258.303 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

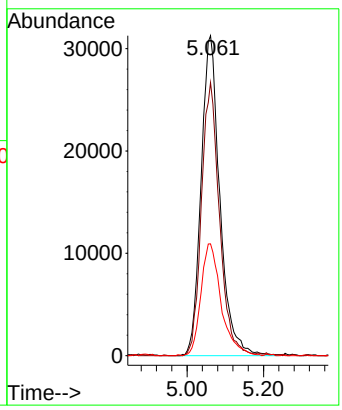
Tgt Ion: 53 Resp: 10656

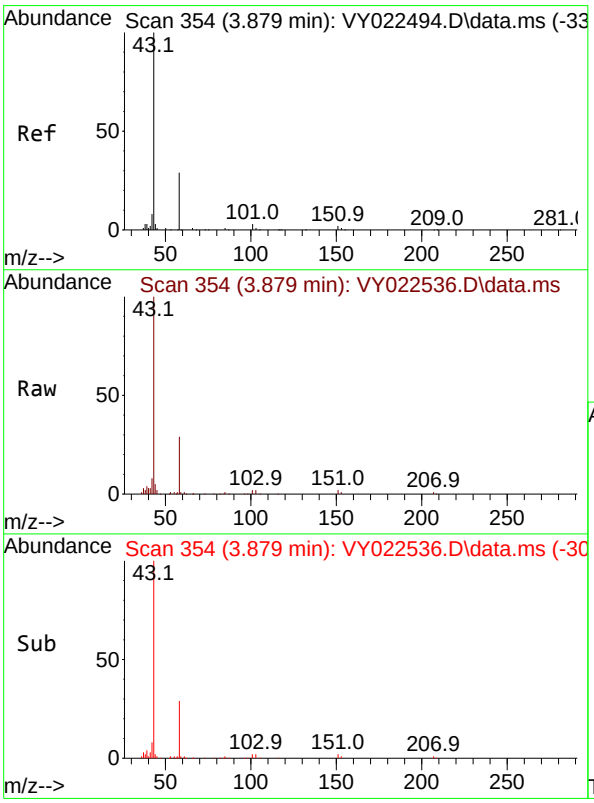
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	37.7	30.1	45.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

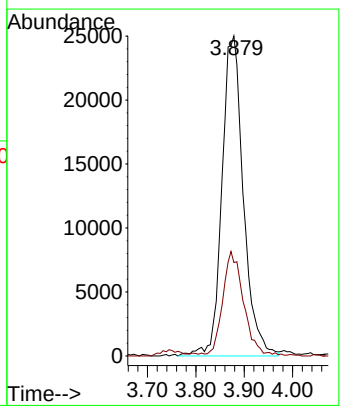


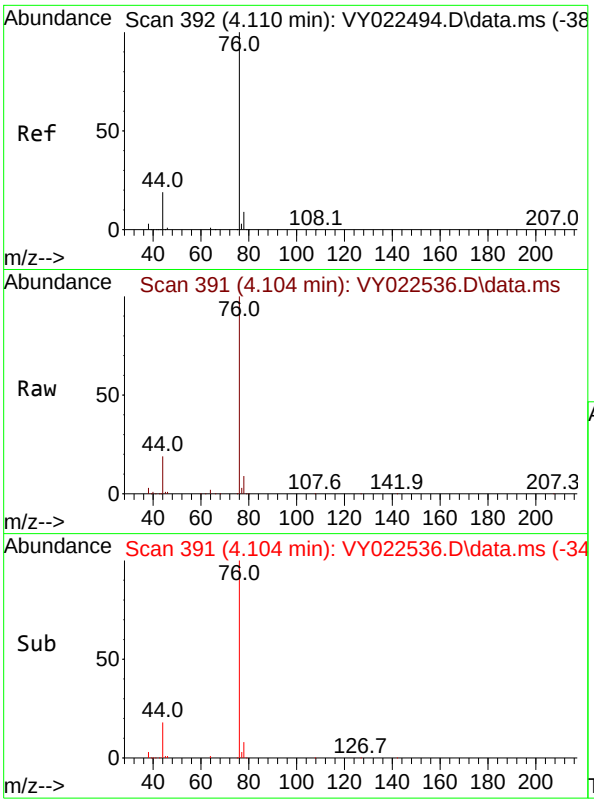


#16
Acetone
Concen: 204.010 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 76951

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.0	36.0





#17
Carbon Disulfide
Concen: 48.945 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

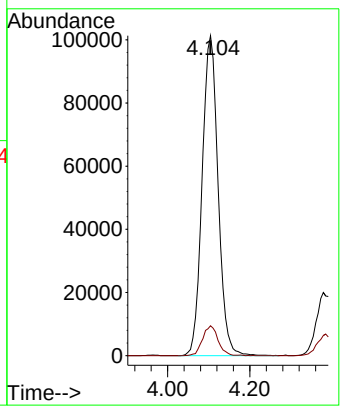
Tgt Ion: 76 Resp: 27288

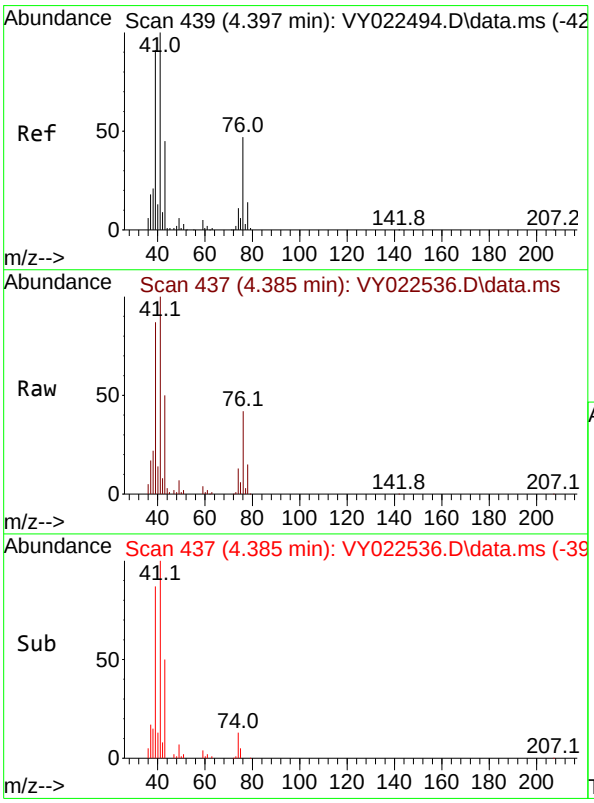
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

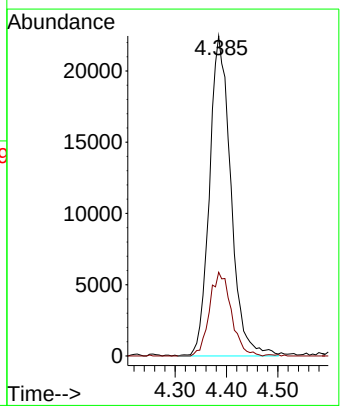


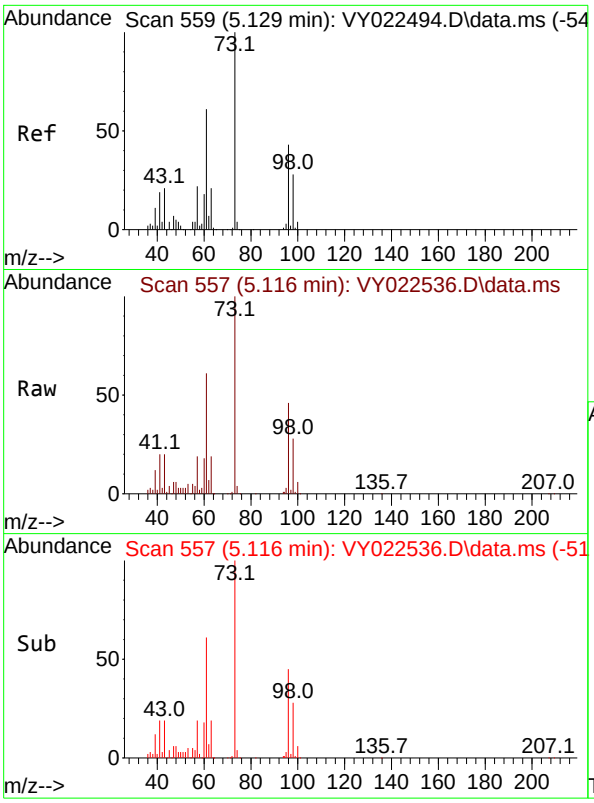


#18
Methyl Acetate
Concen: 57.944 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 64722

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 51.530 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

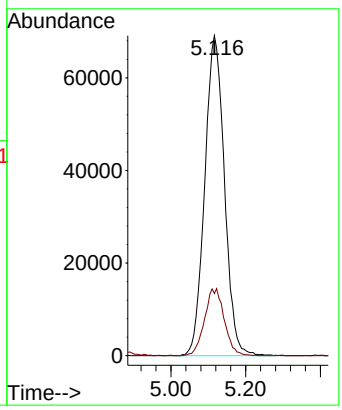
Tgt Ion: 73 Resp: 25275

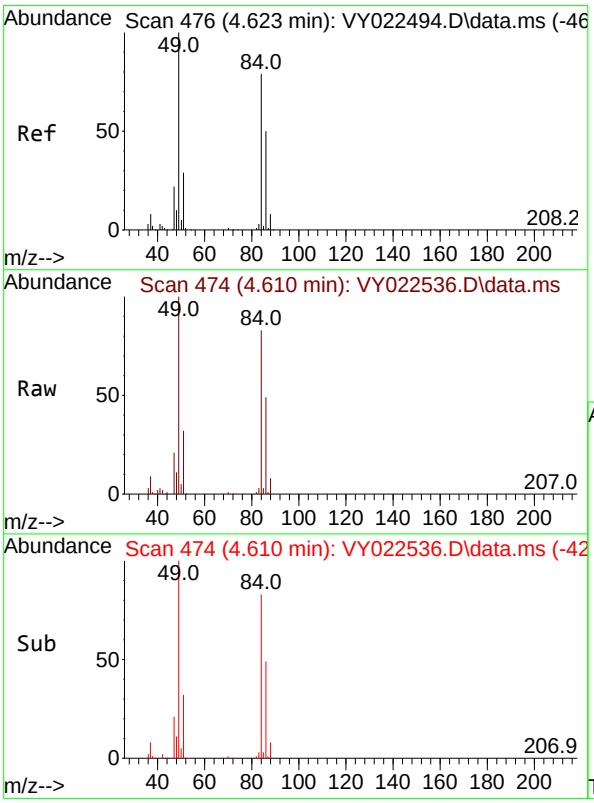
Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

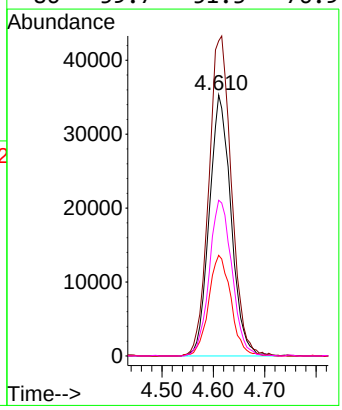


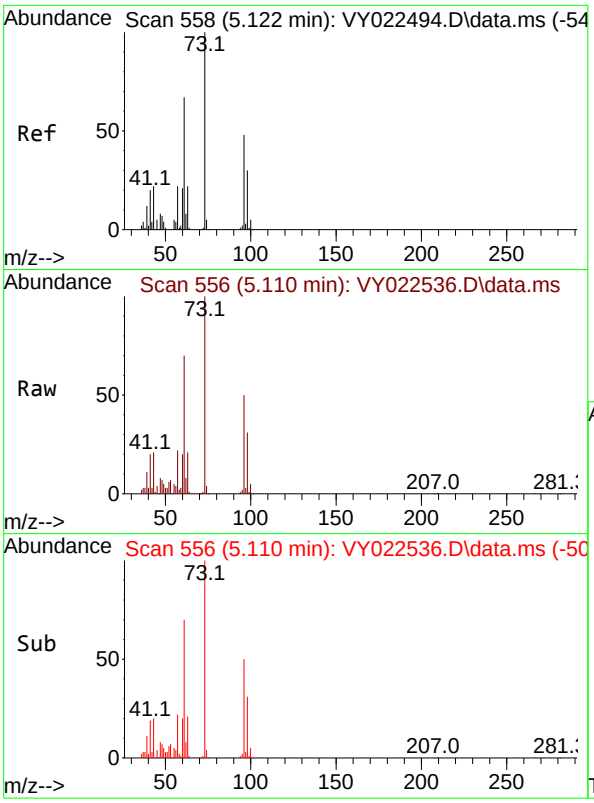


#20
Methylene Chloride
Concen: 48.434 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 84 Resp: 103775

Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.9	152.9
51	38.6	29.8	44.8
86	59.7	51.3	76.9

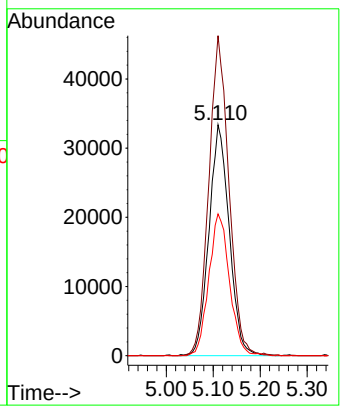




#21
trans-1,2-Dichloroethene
Concen: 51.234 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 96 Resp: 9985

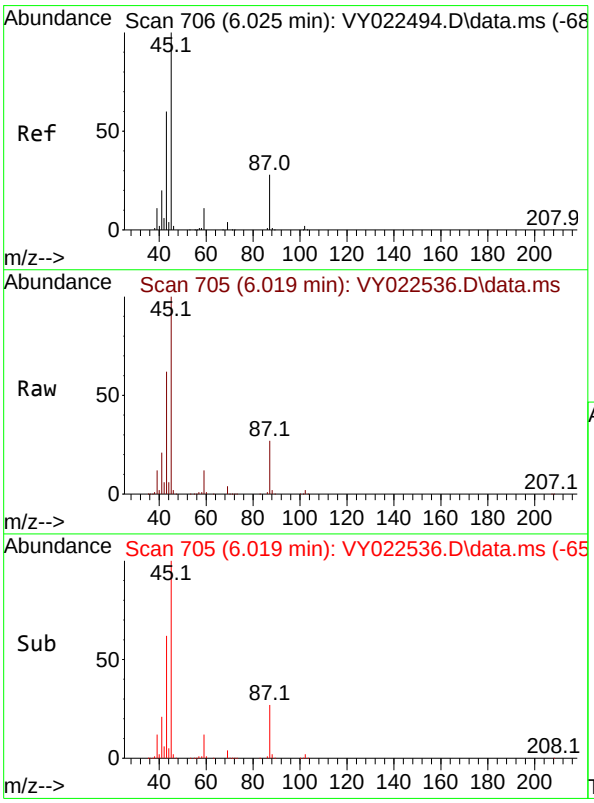
Ion	Ratio	Lower	Upper
96	100		
61	138.6	112.6	169.0
98	61.4	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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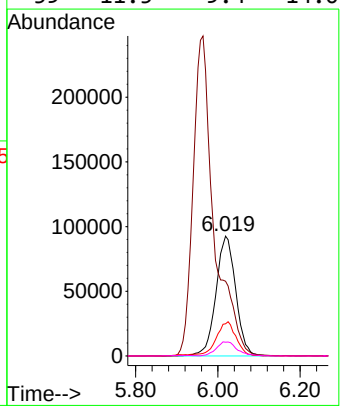
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

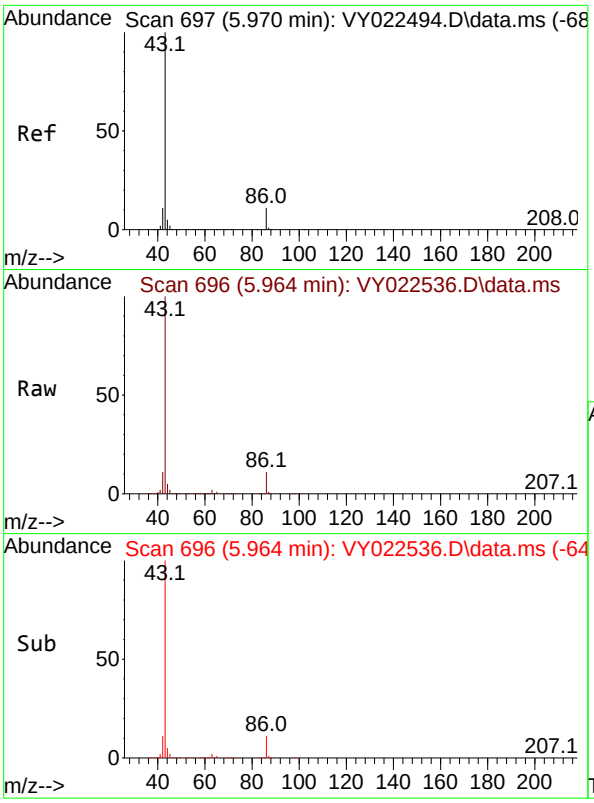


#22
Diisopropyl ether
Concen: 50.880 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 45 Resp: 309614

Ion	Ratio	Lower	Upper
45	100		
43	61.9	48.3	72.5
87	26.9	23.0	34.6
59	11.5	9.4	14.0





#23
Vinyl Acetate
Concen: 242.366 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

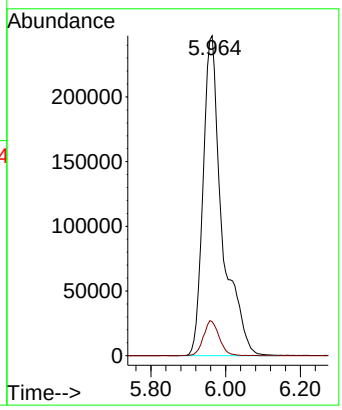
Tgt Ion: 43 Resp: 87292

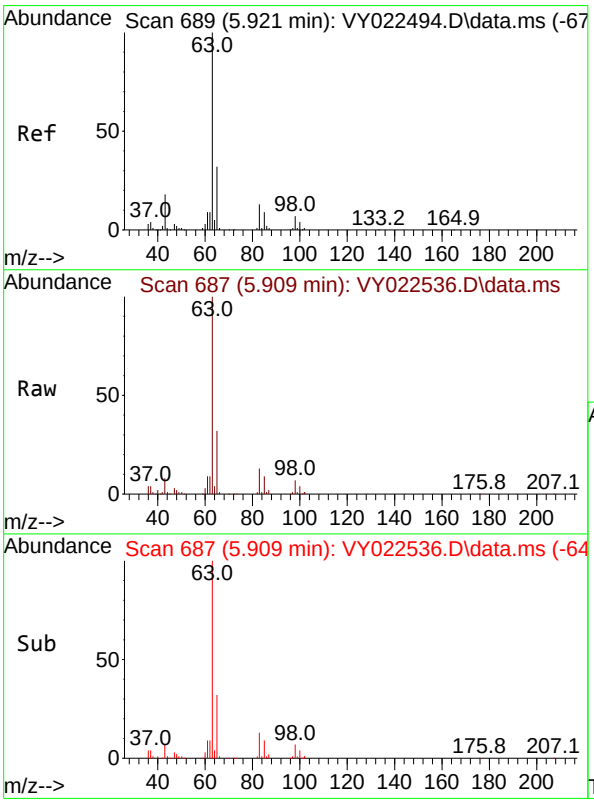
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

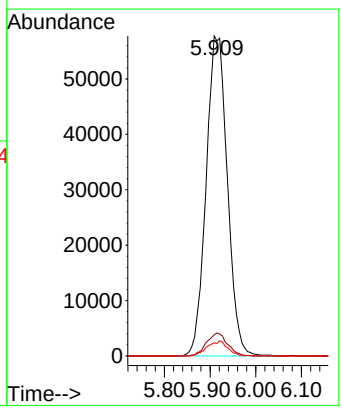


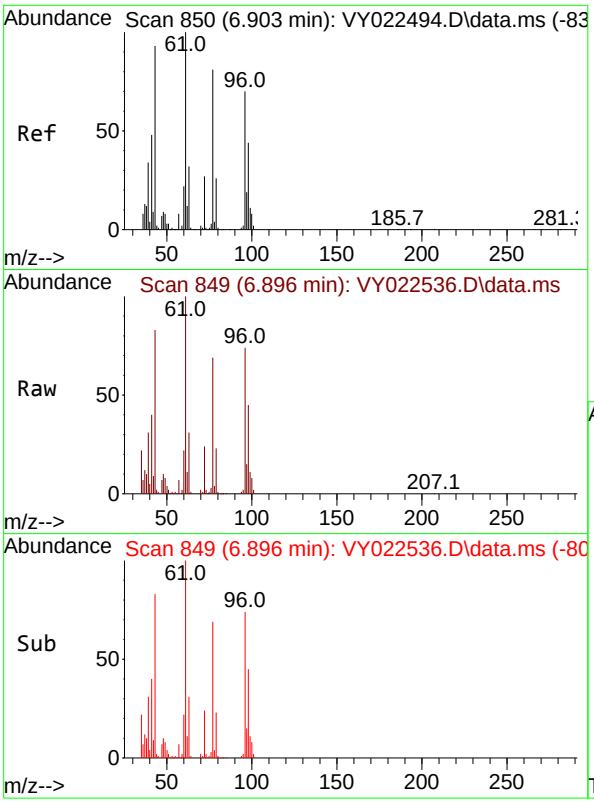


#24
1,1-Dichloroethane
Concen: 52.059 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 186627

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.1	2.1	6.3





#25
2-Butanone
Concen: 239.934 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

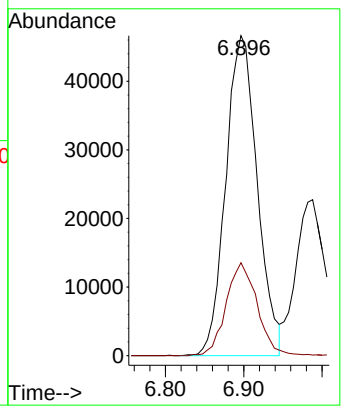
Tgt Ion: 43 Resp: 13054

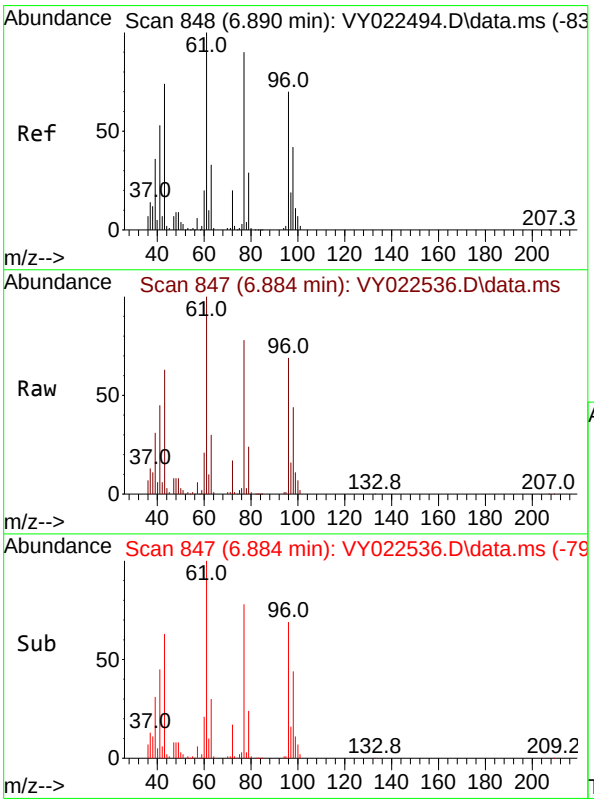
Ion	Ratio	Lower	Upper
43	100		
72	29.0	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

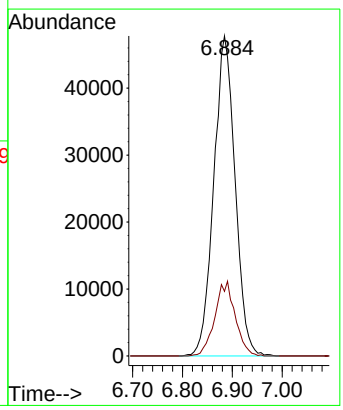


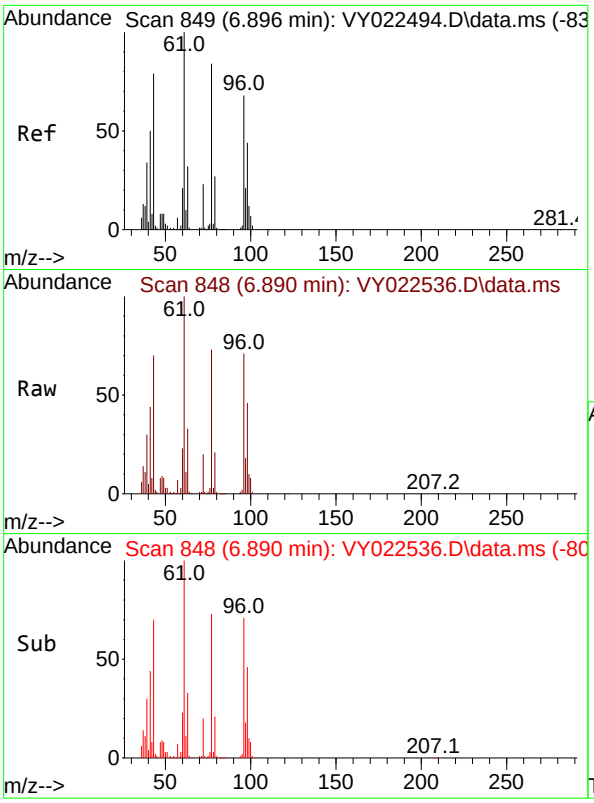


#26
2,2-Dichloropropane
Concen: 44.756 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 77 Resp: 141764

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2





#27
cis-1,2-Dichloroethene
Concen: 52.805 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

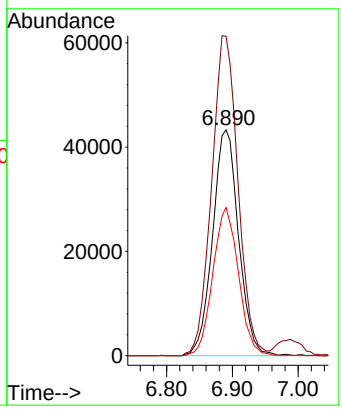
Tgt Ion: 96 Resp: 11895

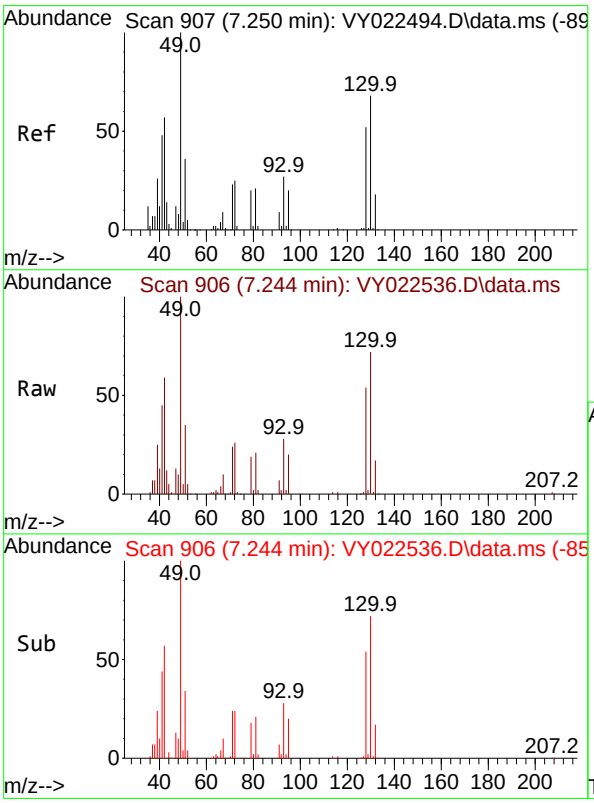
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.0
98	64.8	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

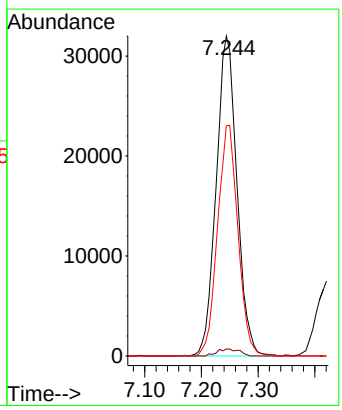


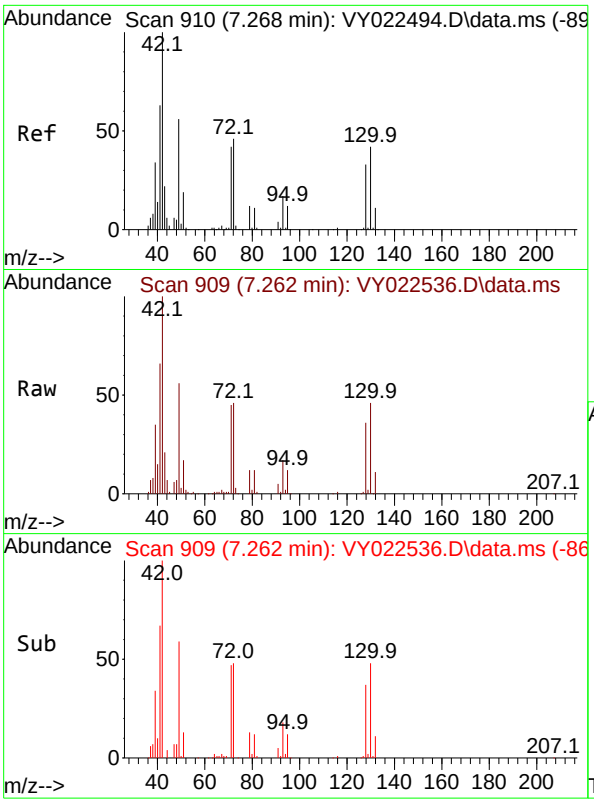


#28
Bromochloromethane
Concen: 52.064 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 49 Resp: 81360

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	70.9	55.7	83.5





#29
Tetrahydrofuran
Concen: 253.372 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

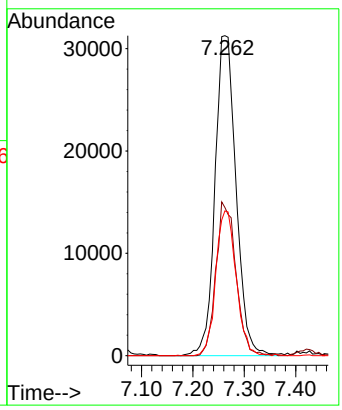
Tgt Ion: 42 Resp: 8891

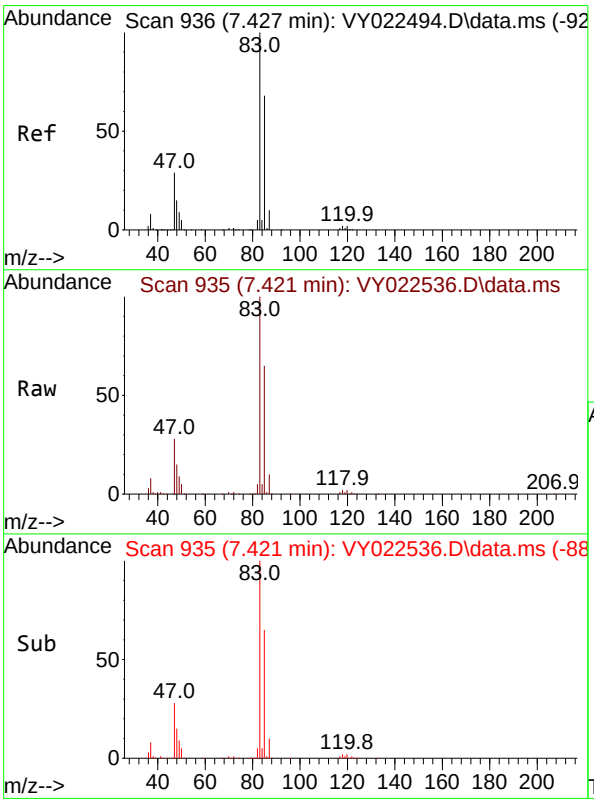
Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.4	56.2
71	43.9	34.2	51.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

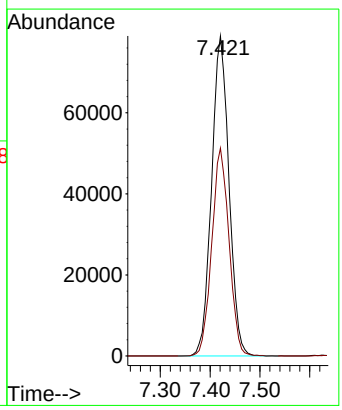


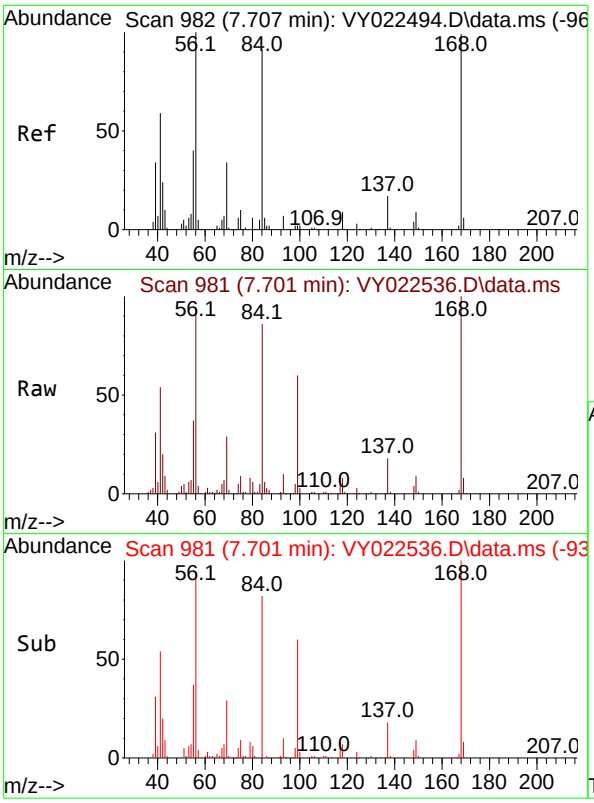


#30
Chloroform
Concen: 53.831 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 83 Resp: 191144

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4

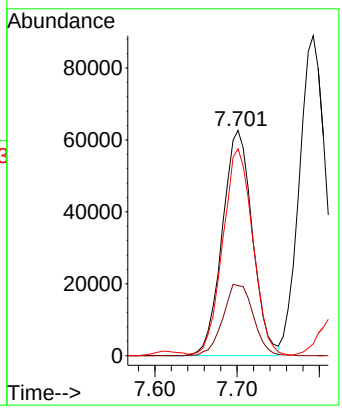




#31
Cyclohexane
Concen: 44.669 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 56 Resp: 15942

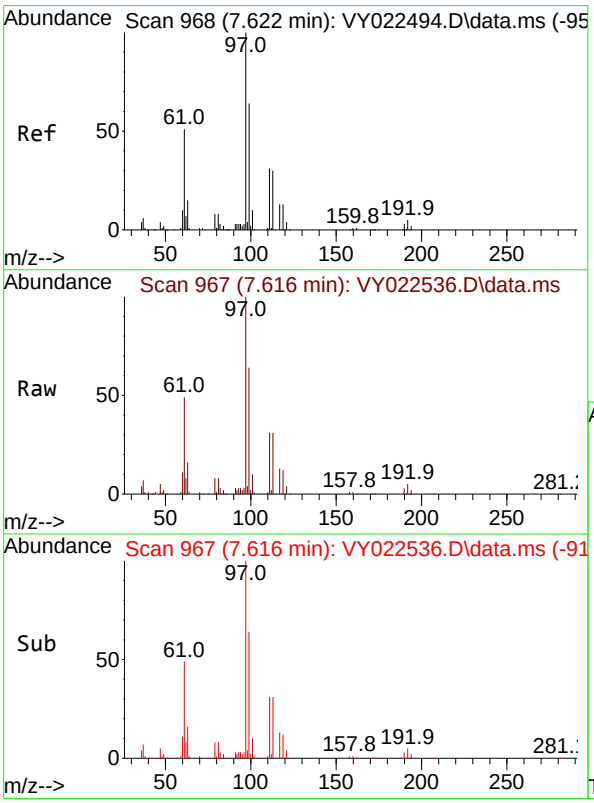
Ion	Ratio	Lower	Upper
56	100		
69	31.1	27.0	40.6
84	90.4	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

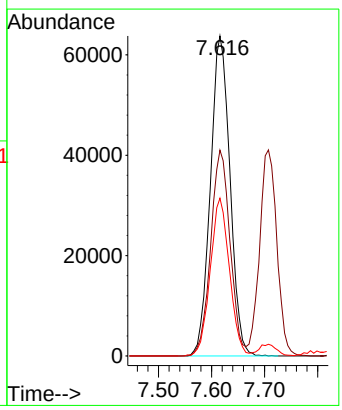
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

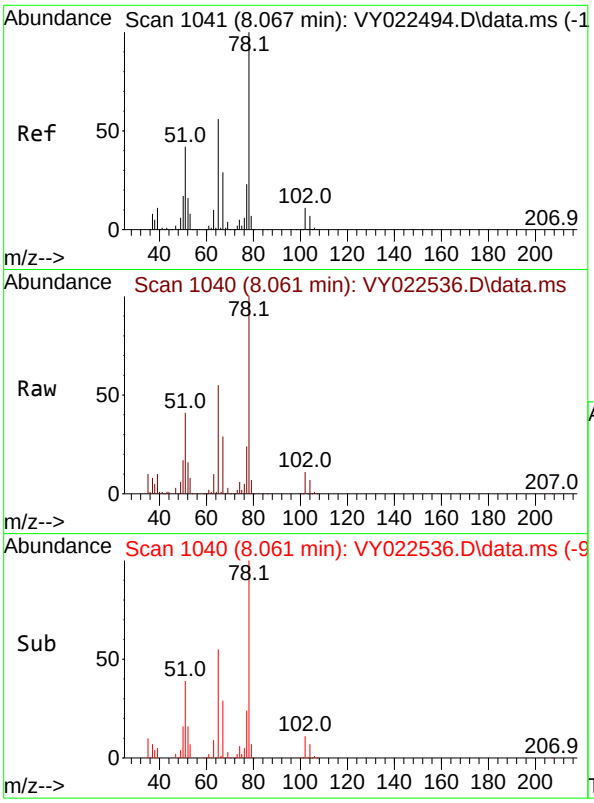


#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 97 Resp: 163575

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	48.4	38.5	57.7

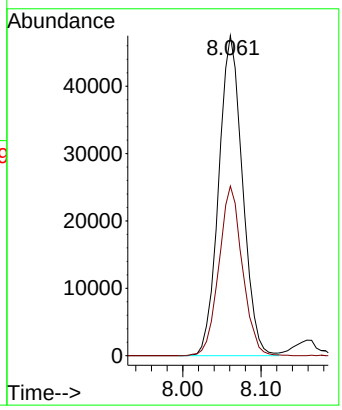




#33
1,2-Dichloroethane-d4
Concen: 54.078 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 65 Resp: 10044

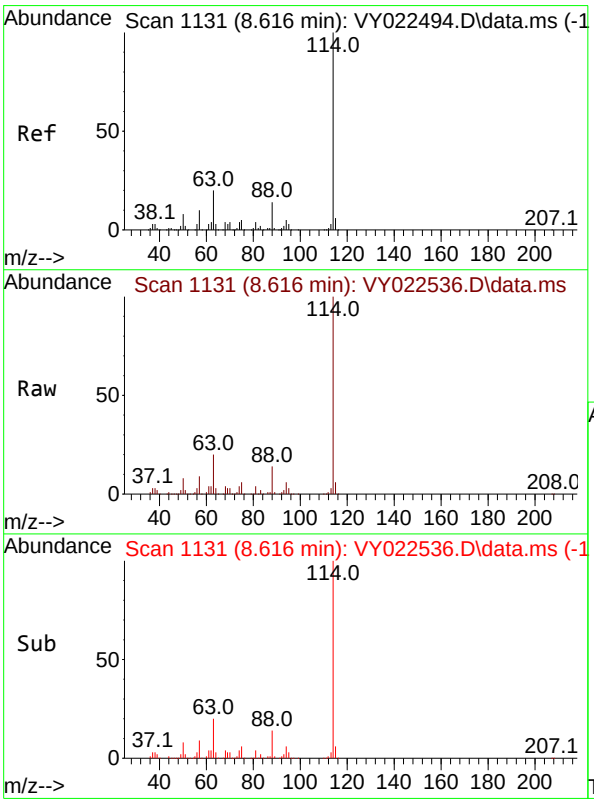
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

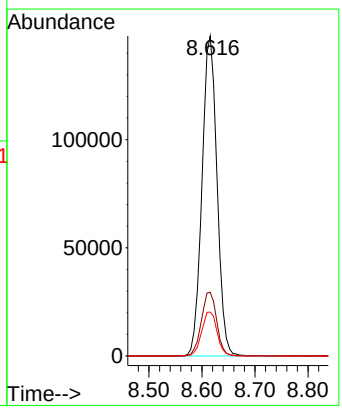
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

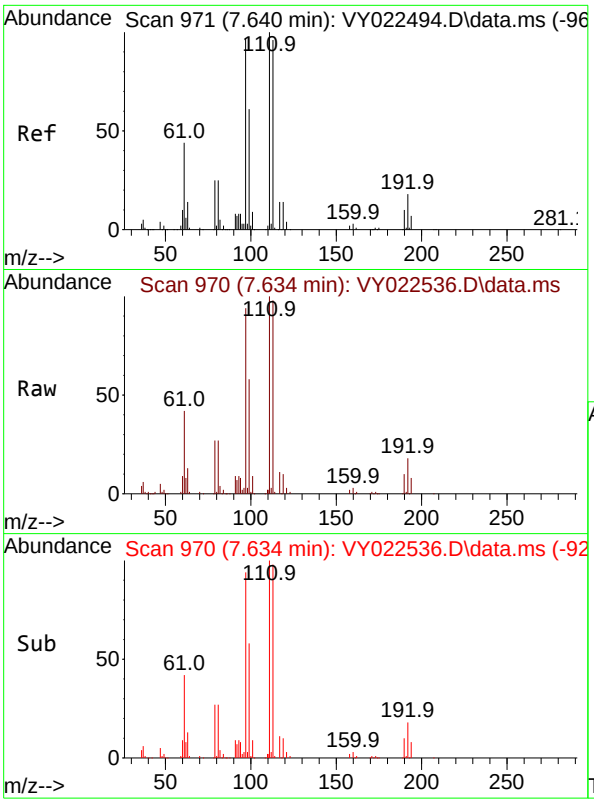


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:114 Resp: 290559

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	13.7	0.0	27.8

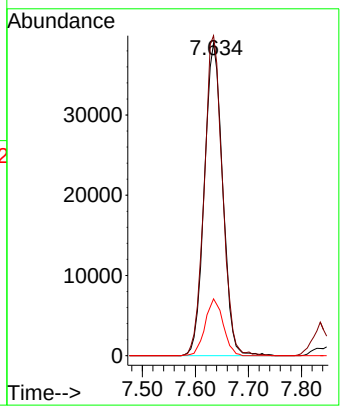




#35
Dibromofluoromethane
Concen: 53.645 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:113 Resp: 9303

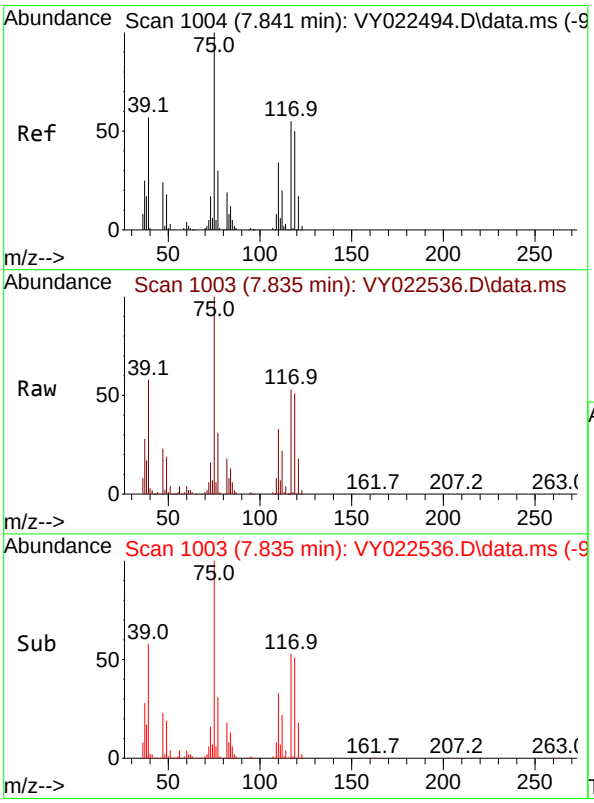
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.0	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

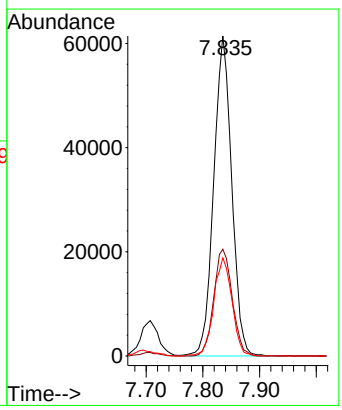
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

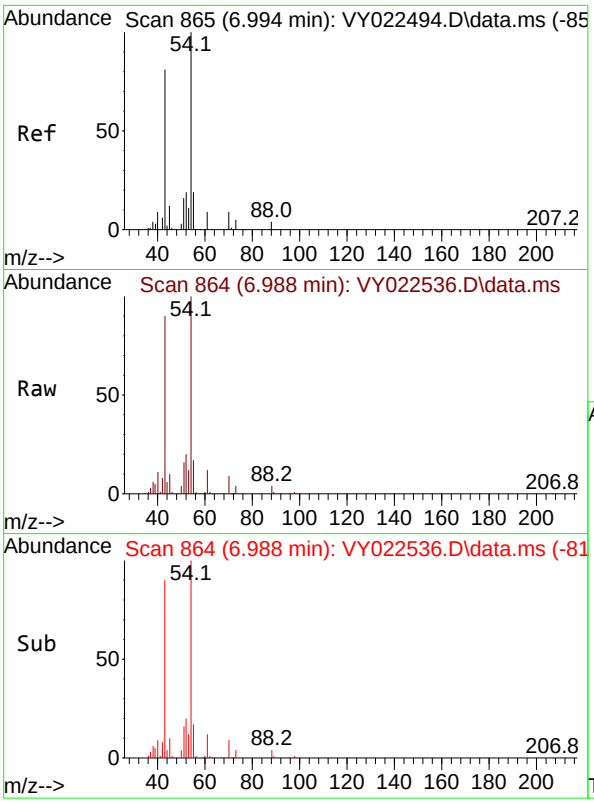


#36
1,1-Dichloropropene
Concen: 48.169 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 135585

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.0	24.8	37.2

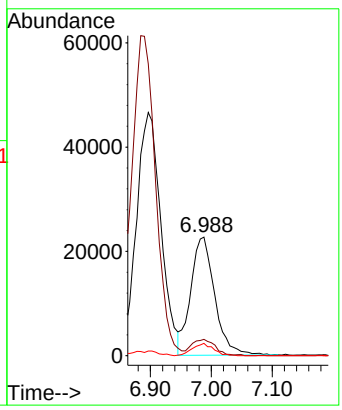




#37
Ethyl Acetate
Concen: 49.427 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 6204

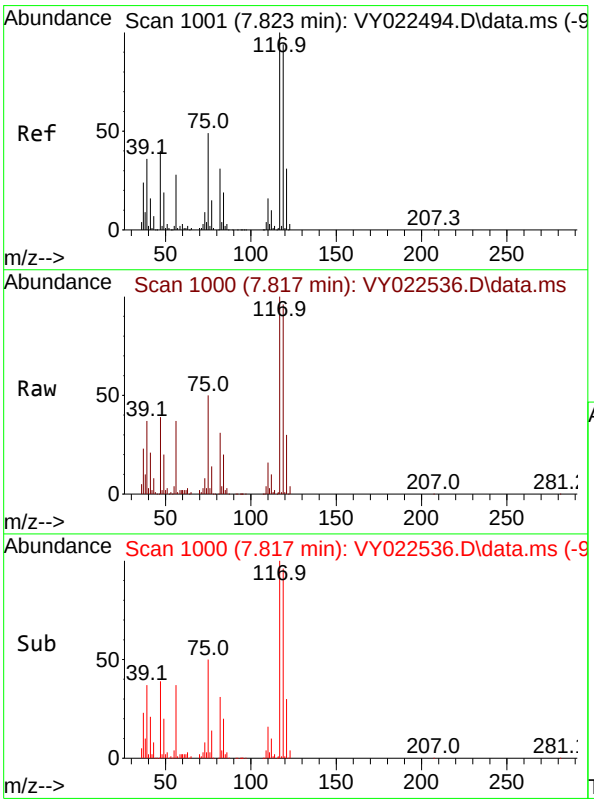
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	9.1	7.2	10.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

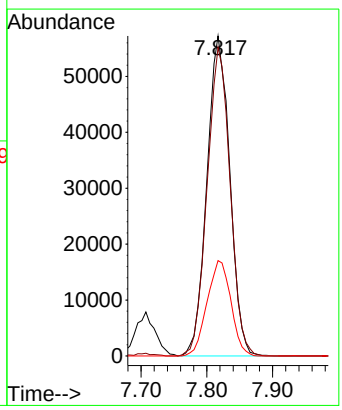
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

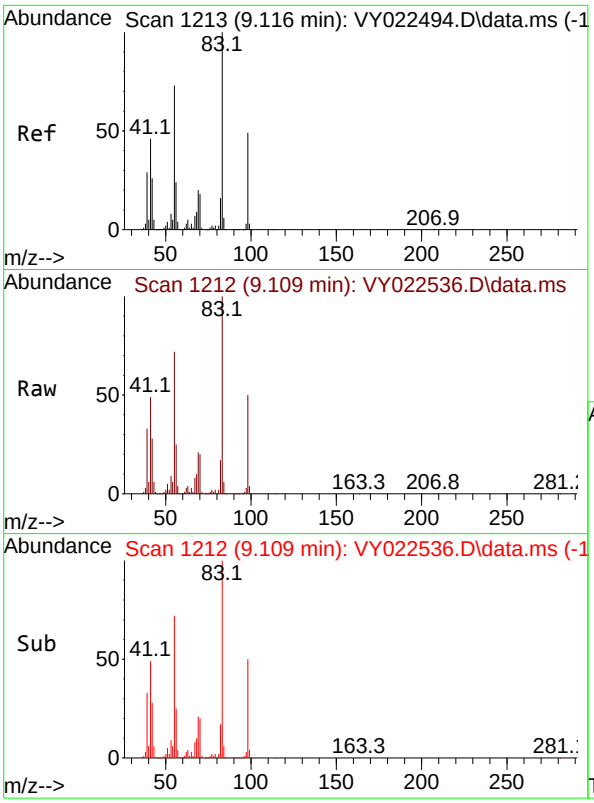


#38
Carbon Tetrachloride
Concen: 48.083 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:117 Resp: 138842

Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
121	29.8	25.0	37.4

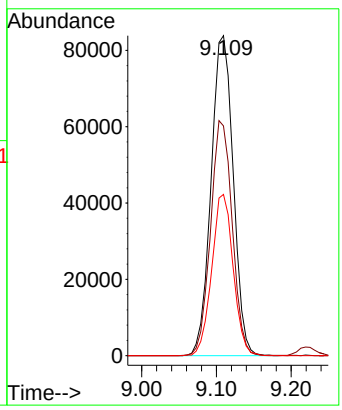




#39
Methylcyclohexane
Concen: 45.614 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 83 Resp: 17254

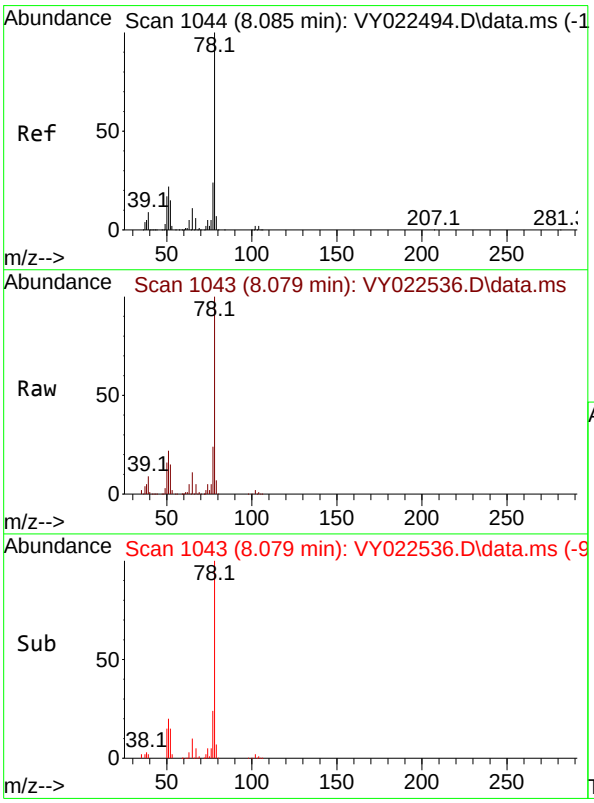
Ion	Ratio	Lower	Upper
83	100		
55	71.8	58.1	87.1
98	50.4	39.0	58.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

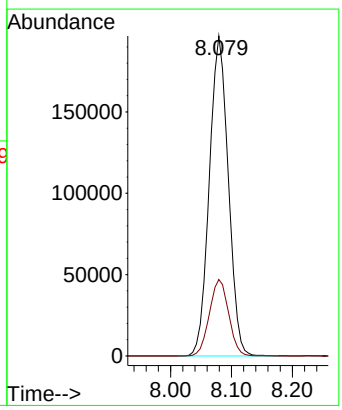
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

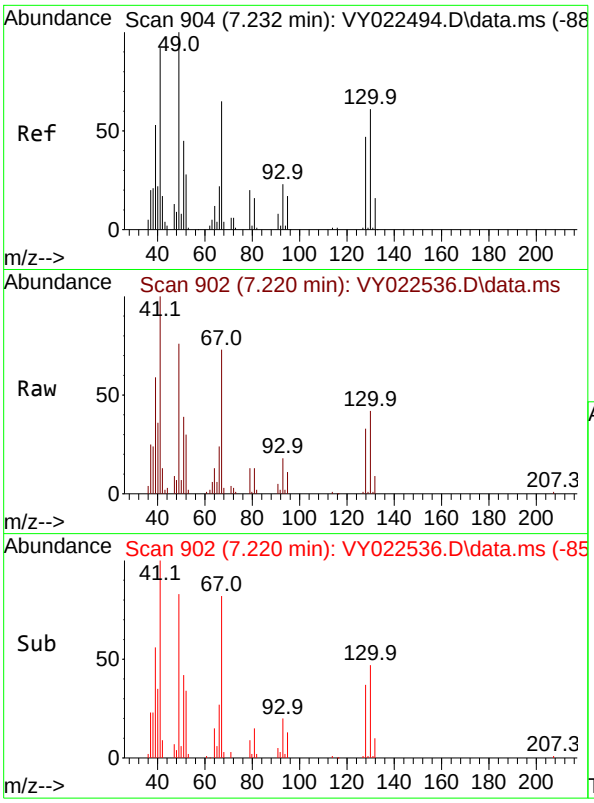


#40
Benzene
Concen: 51.189 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 78 Resp: 425567

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9

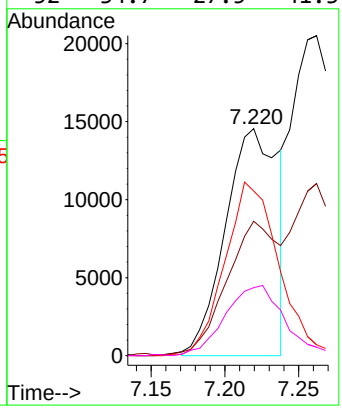




#41
Methacrylonitrile
Concen: 49.399 ug/l m
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 3621

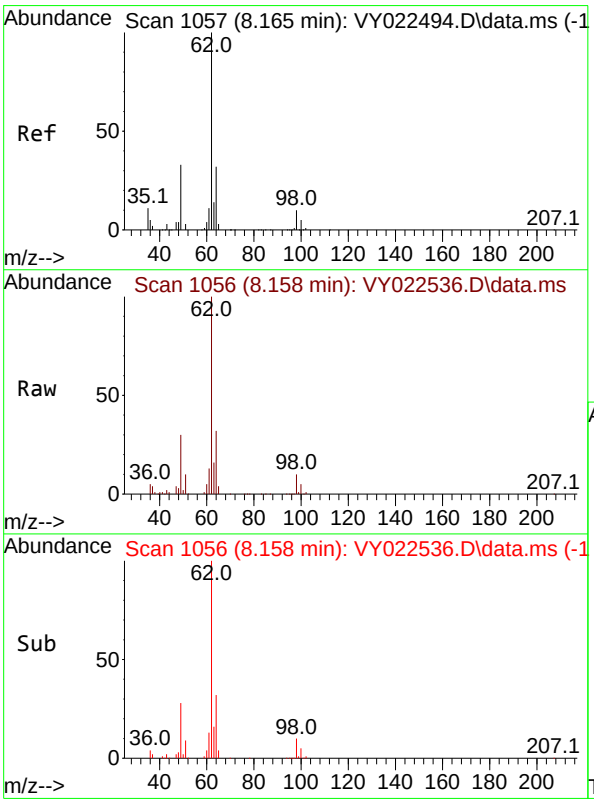
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.6	69.8
67	77.9	63.3	94.9
52	34.7	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

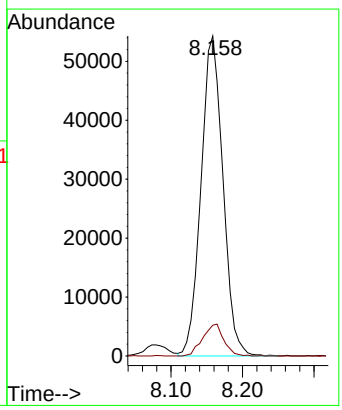
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

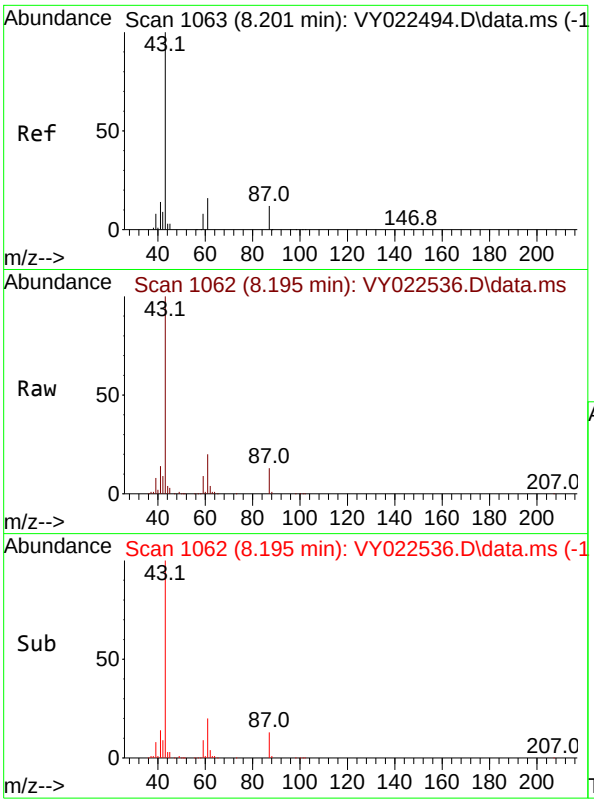


#42
1,2-Dichloroethane
Concen: 50.939 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 62 Resp: 115630

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 48.629 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

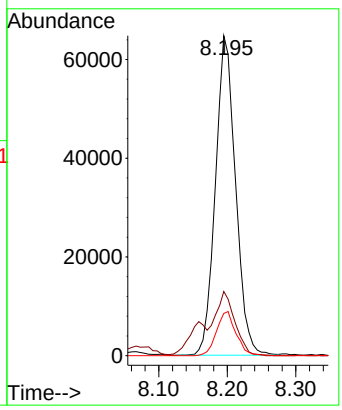
Tgt Ion: 43 Resp: 13183

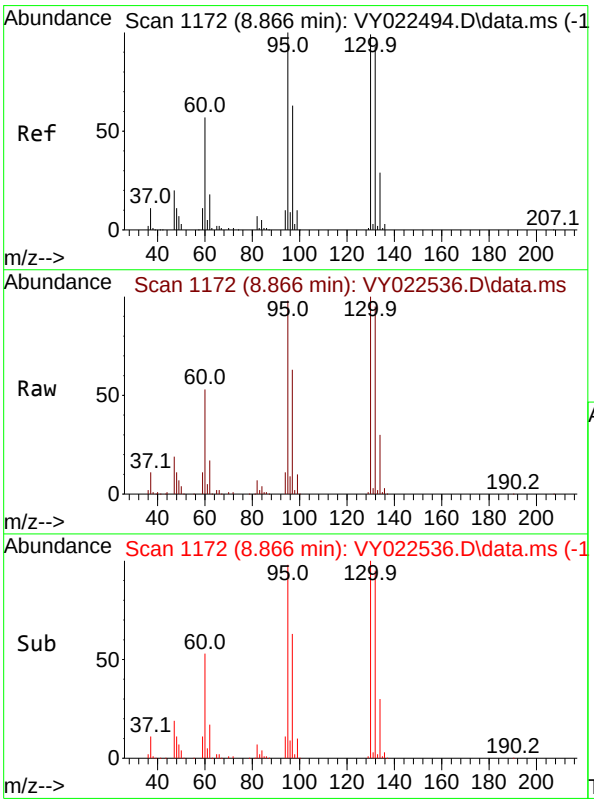
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.6	23.4
87	13.4	10.2	15.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

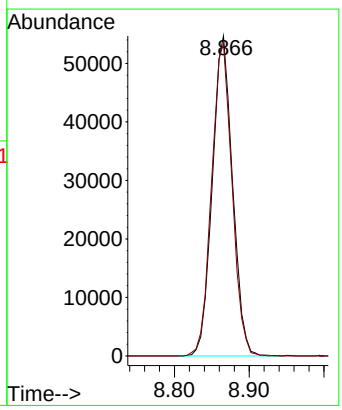


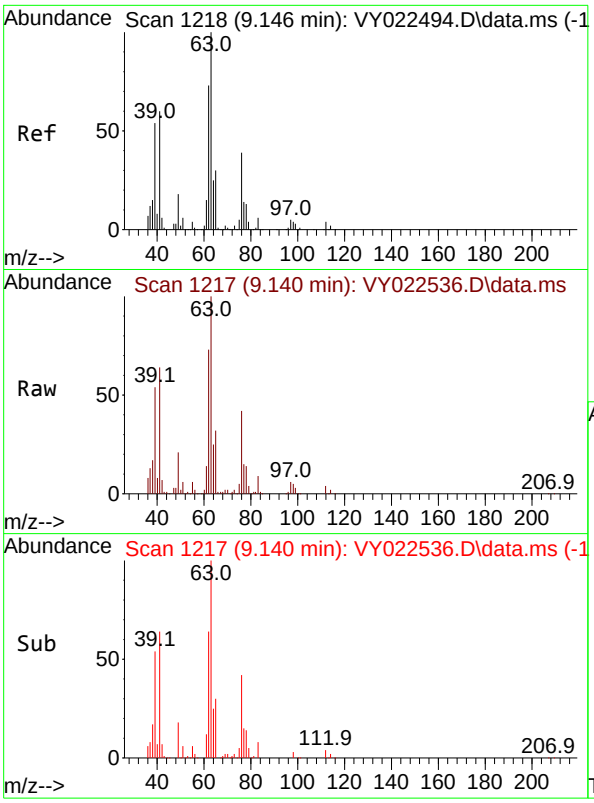


#44
Trichloroethene
Concen: 50.618 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:130 Resp: 102849

Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	203.0

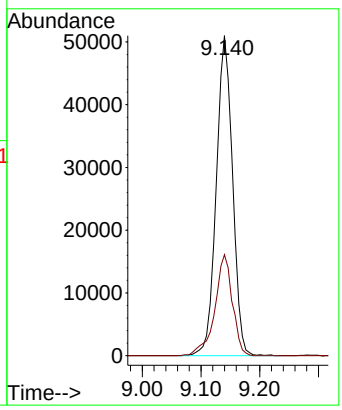




#45
1,2-Dichloropropane
Concen: 49.958 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 9815

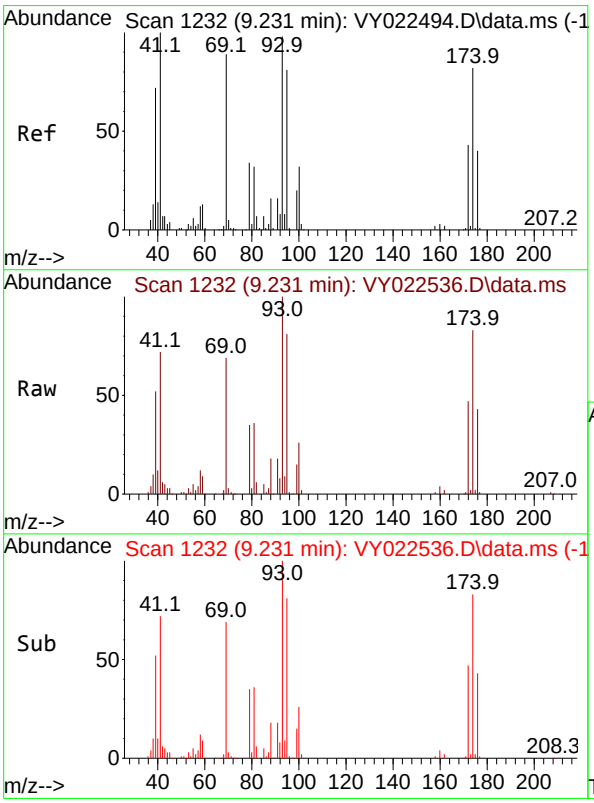
Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

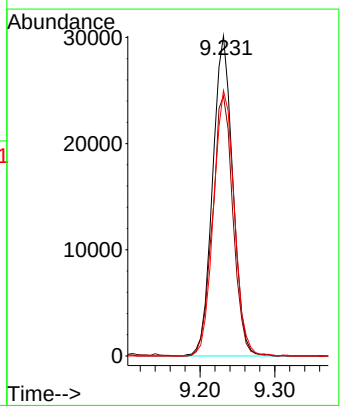
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

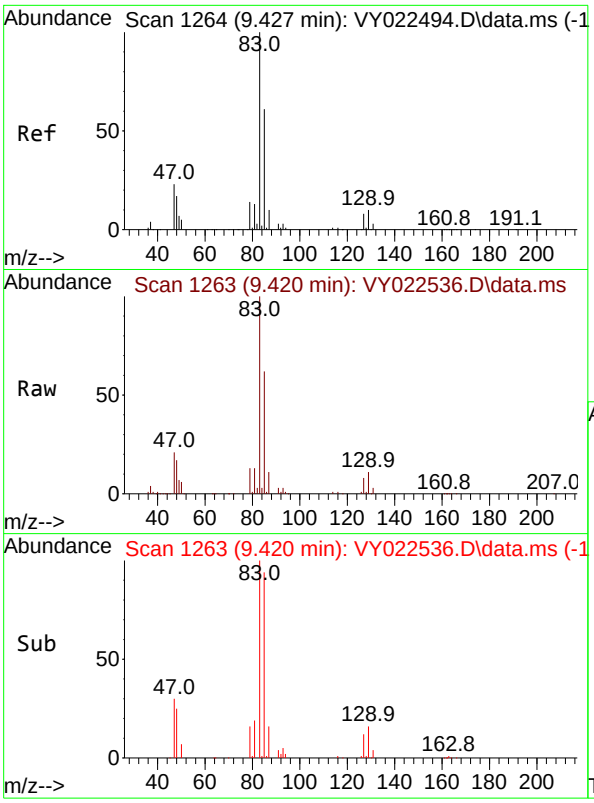


#46
Dibromomethane
Concen: 51.134 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 93 Resp: 56522

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	85.6	70.4	105.6

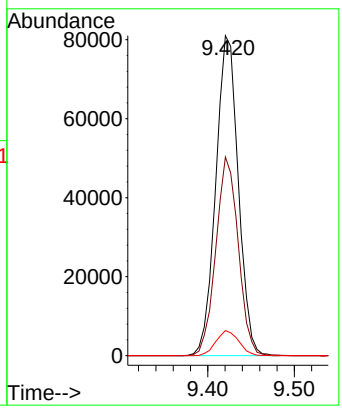




#47
Bromodichloromethane
Concen: 52.192 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 83 Resp: 14628

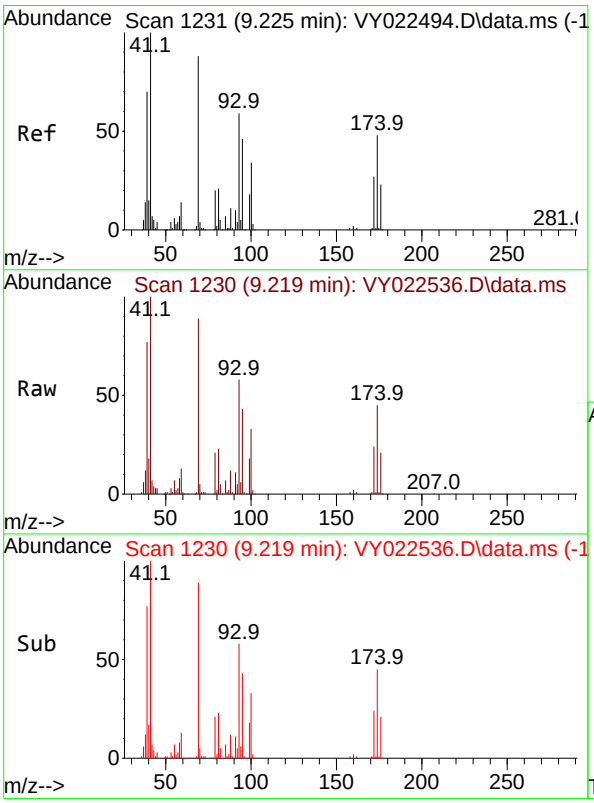
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.1	73.7
127	7.9	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

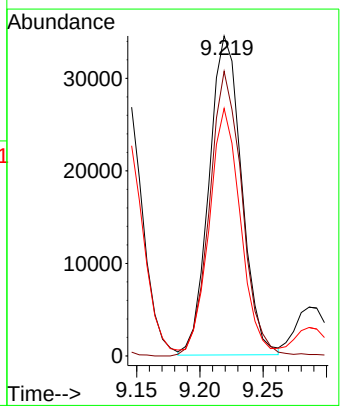
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

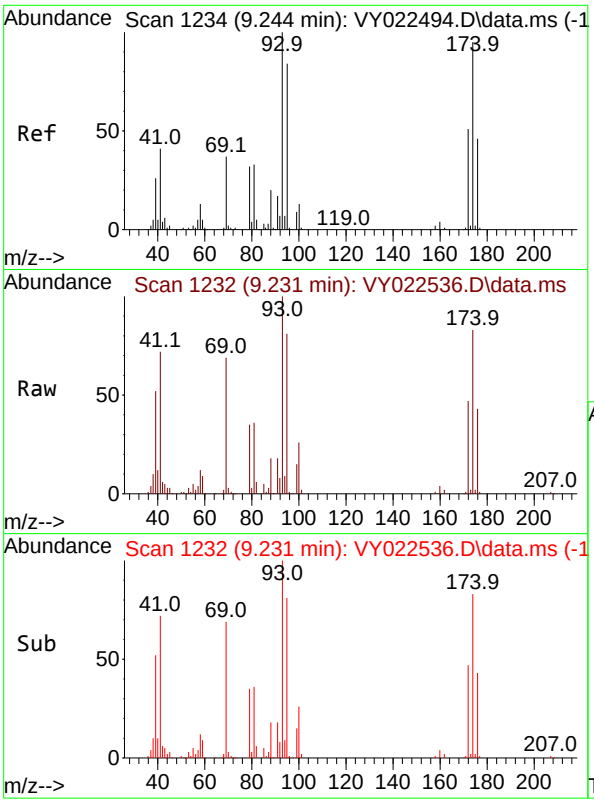


#48
Methyl methacrylate
Concen: 48.502 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 61711

Ion	Ratio	Lower	Upper
41	100		
69	89.6	67.8	101.8
39	71.6	55.0	82.4

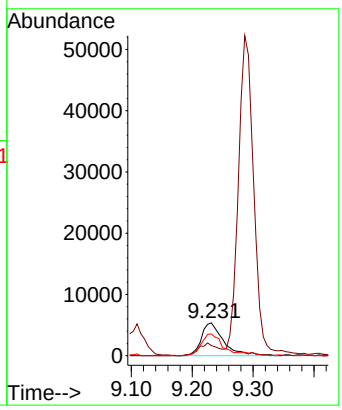




#49
1,4-Dioxane
Concen: 1033.044 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 88 Resp: 1352

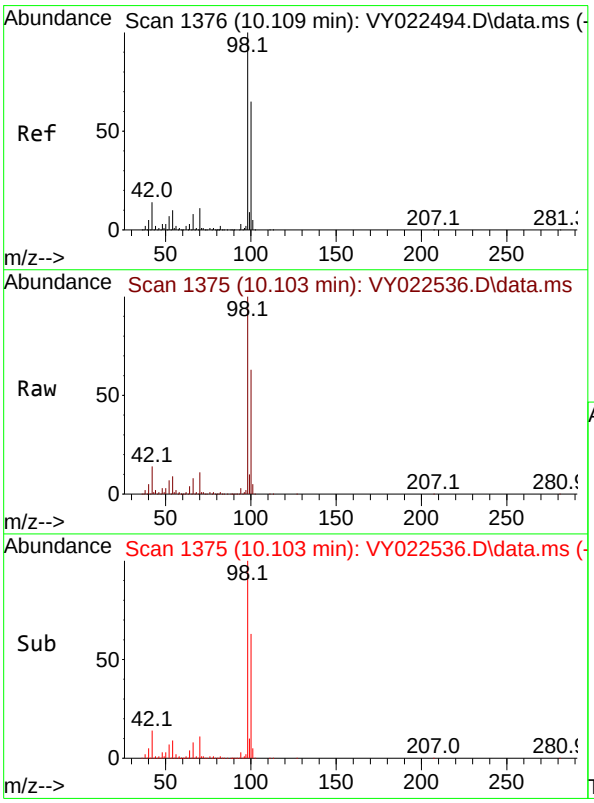
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	63.0	54.9	82.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

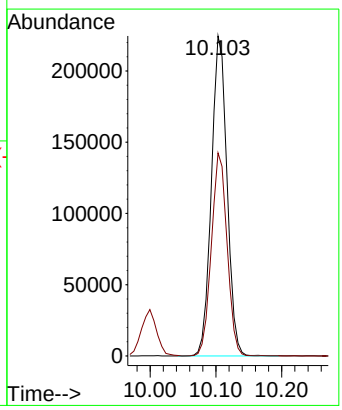
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

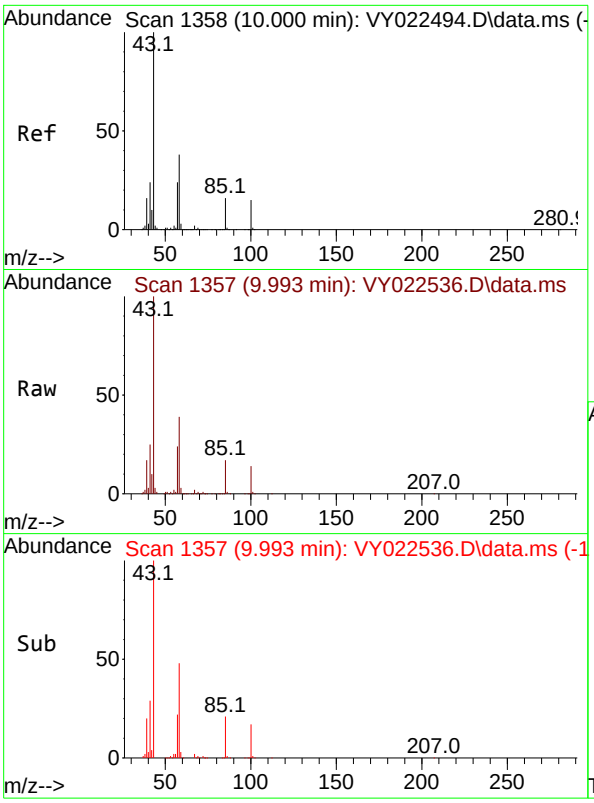


#50
Toluene-d8
Concen: 52.887 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 98 Resp: 370610

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0

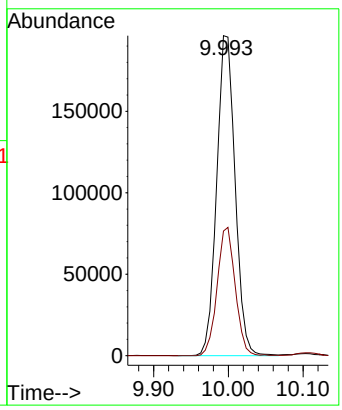




#51
4-Methyl-2-Pentanone
Concen: 249.686 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 33747

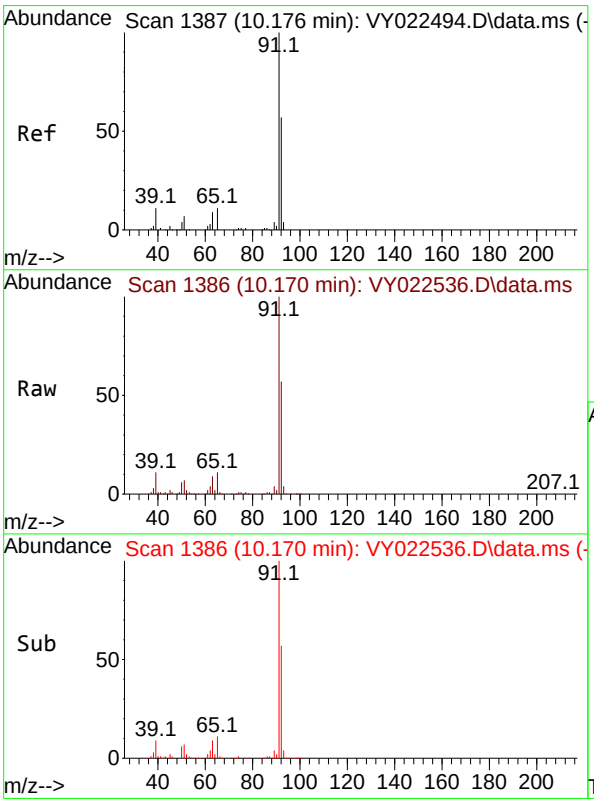
Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

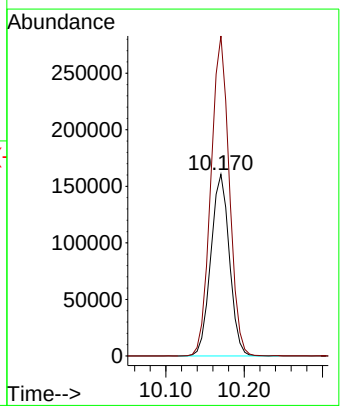
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

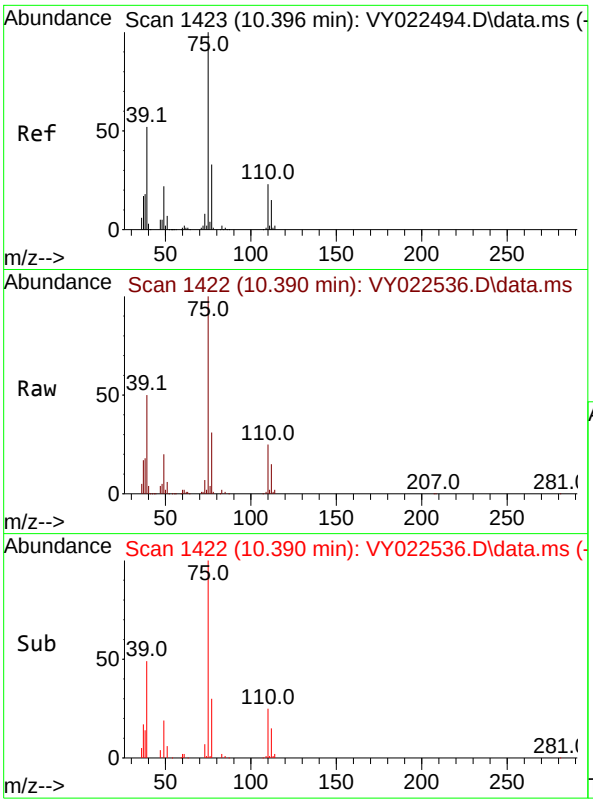


#52
Toluene
Concen: 50.578 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 92 Resp: 264244

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.0	208.4





#53
t-1,3-Dichloropropene
Concen: 48.903 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

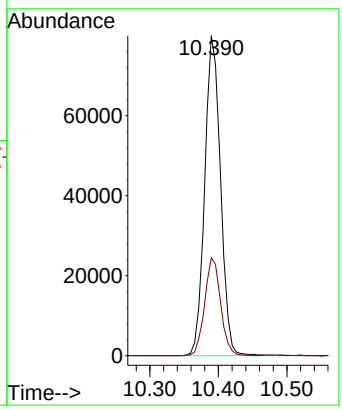
Tgt Ion: 75 Resp: 12842

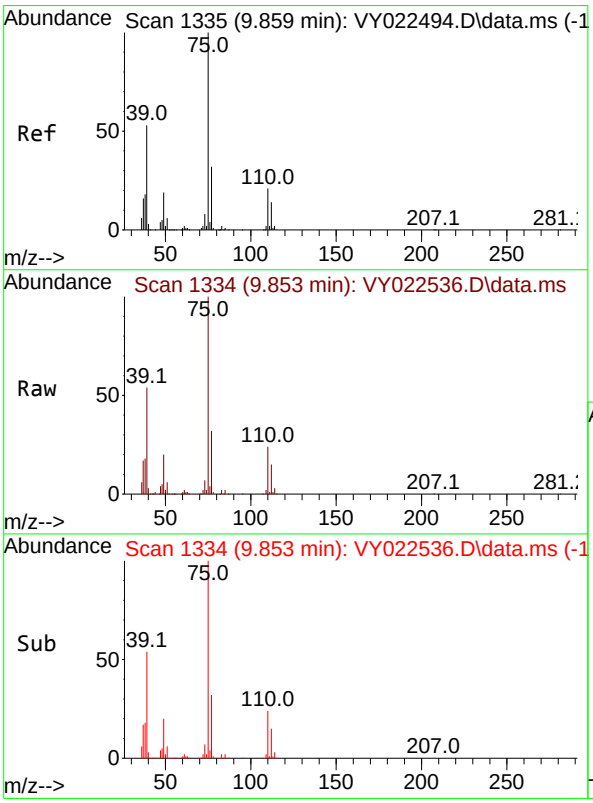
Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.5	39.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

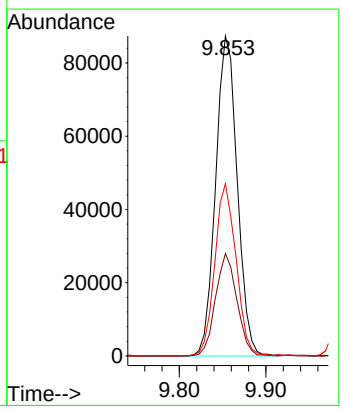


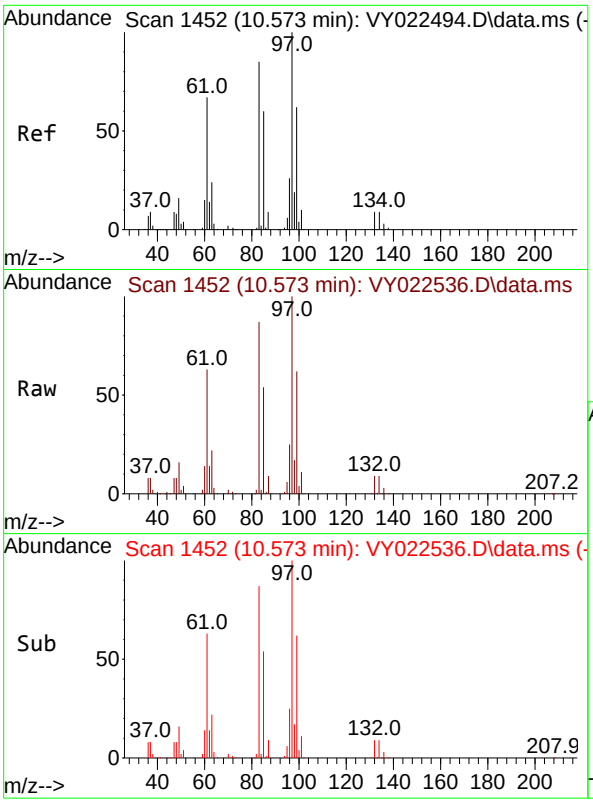


#54
cis-1,3-Dichloropropene
Concen: 49.453 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 151178

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	53.8	42.7	64.1

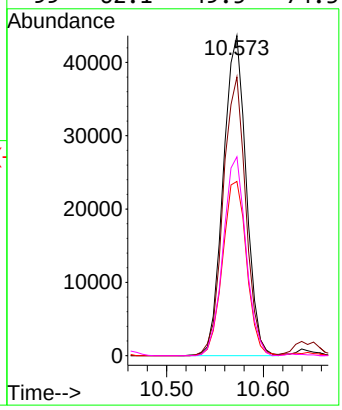




#55
1,1,2-Trichloroethane
Concen: 51.020 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 97 Resp: 7191

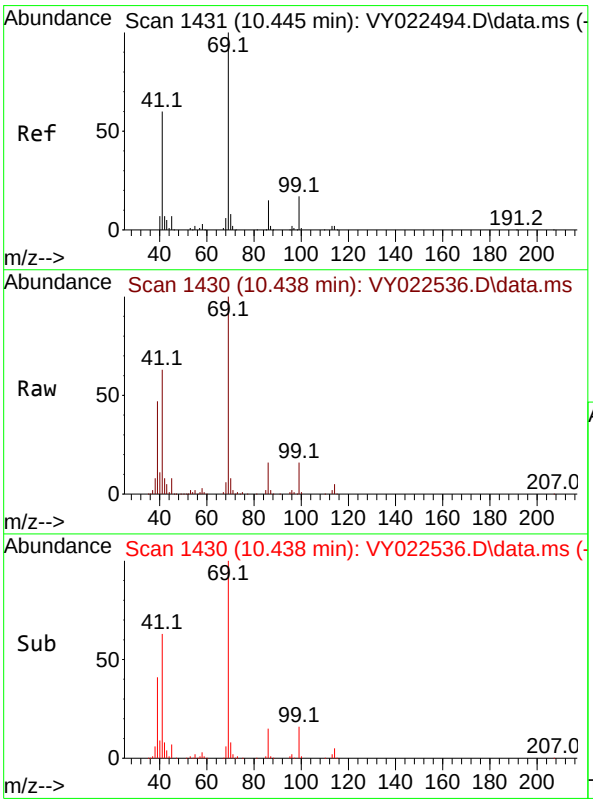
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.1	102.1
85	54.4	48.2	72.2
99	62.1	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

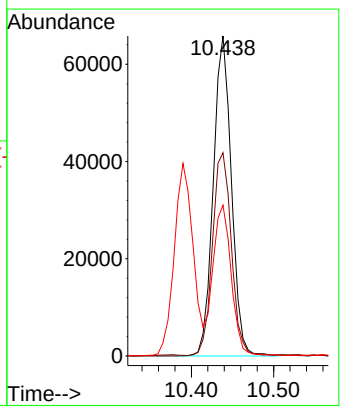
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

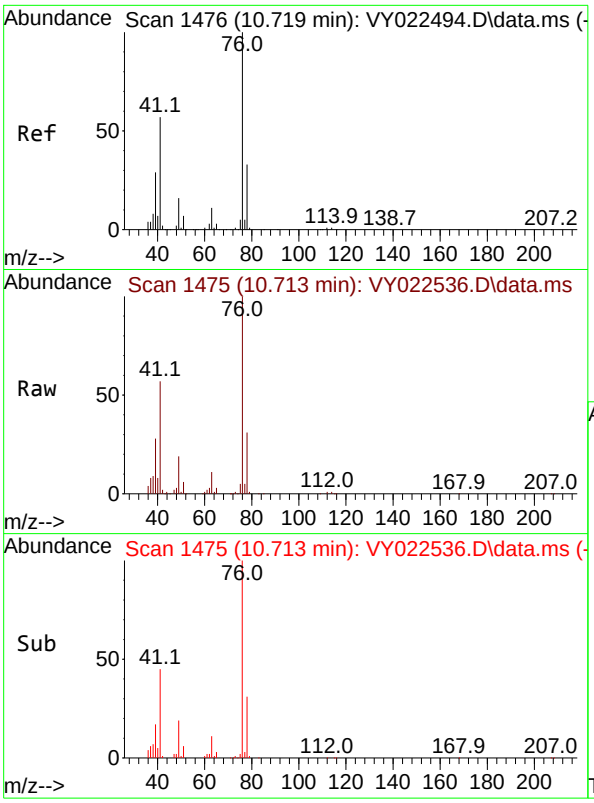


#56
Ethyl methacrylate
Concen: 49.541 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 69 Resp: 100924

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	48.0	36.7	55.1

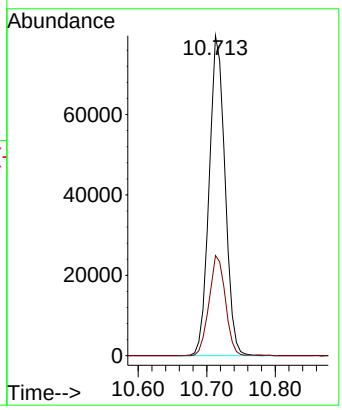




#57
1,3-Dichloropropane
Concen: 51.300 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 76 Resp: 12815

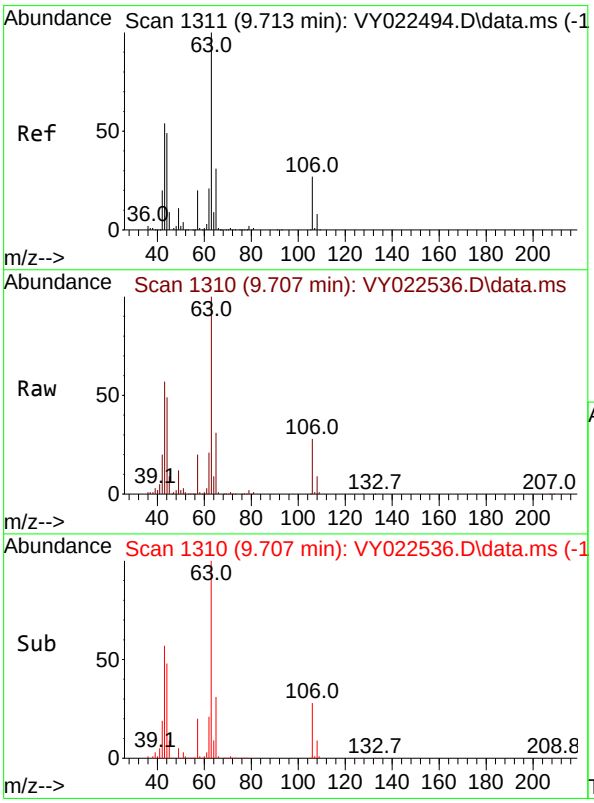
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

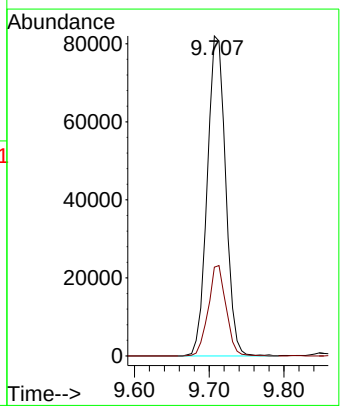
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

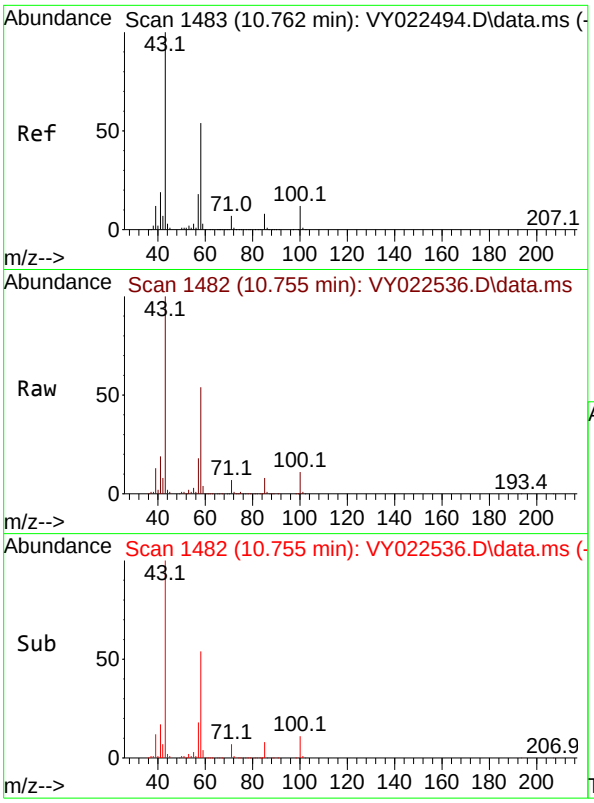


#58
2-Chloroethyl Vinyl ether
Concen: 151.378 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 140012

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.6	32.4





#59
2-Hexanone
Concen: 247.844 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

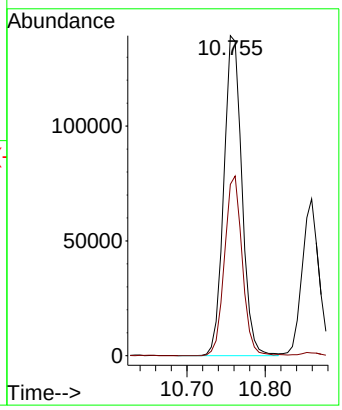
Tgt Ion: 43 Resp: 22403

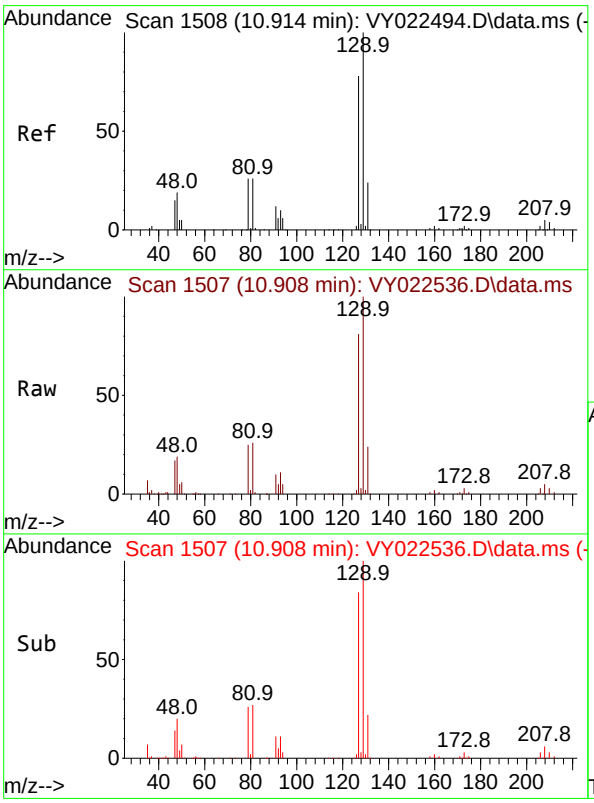
Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

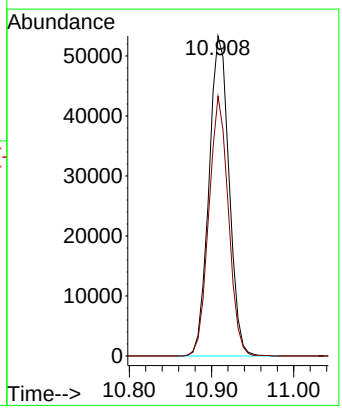


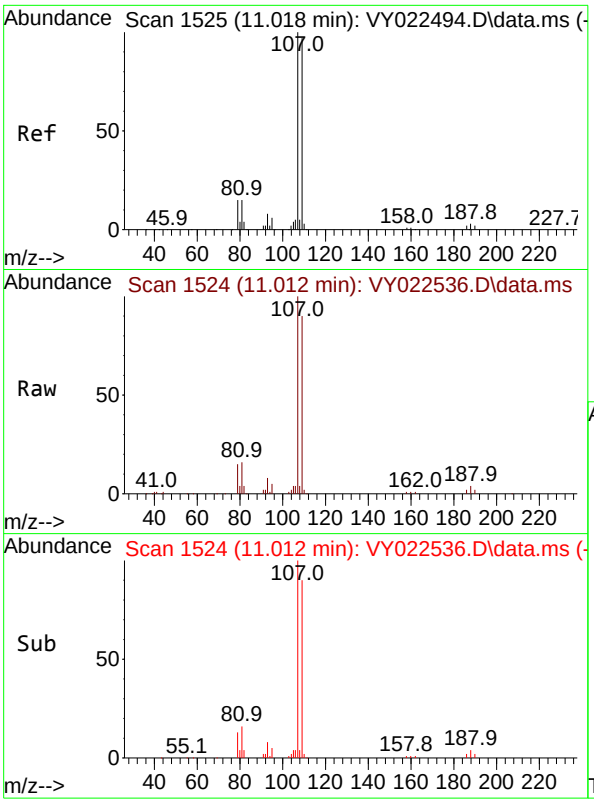


#60
Dibromochloromethane
Concen: 50.462 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:129 Resp: 90388

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.2

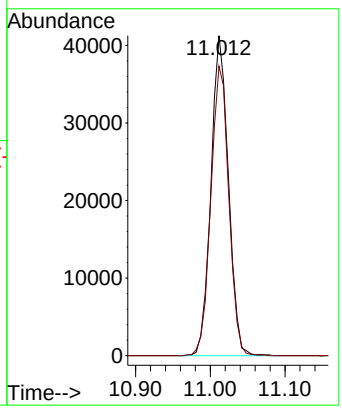




#61
1,2-Dibromoethane
Concen: 52.050 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:107 Resp: 6686

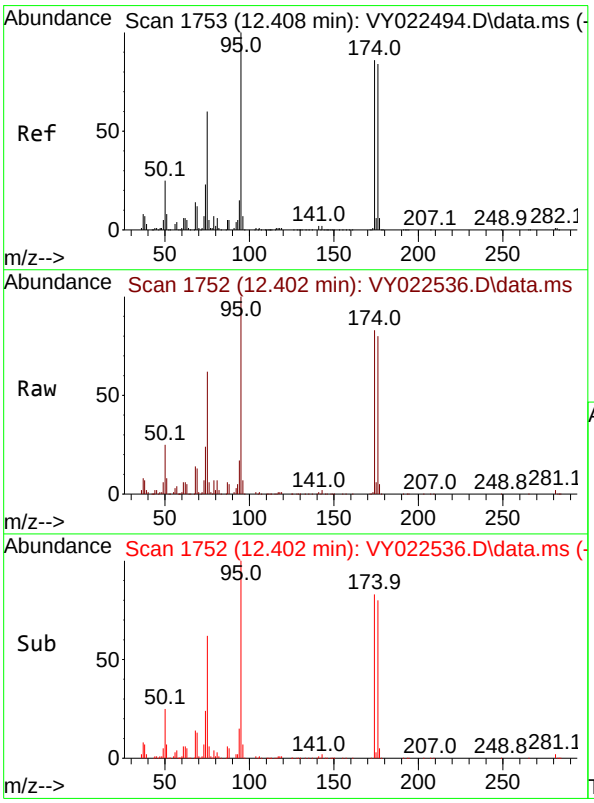
Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

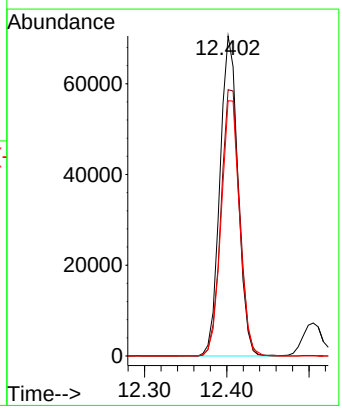
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

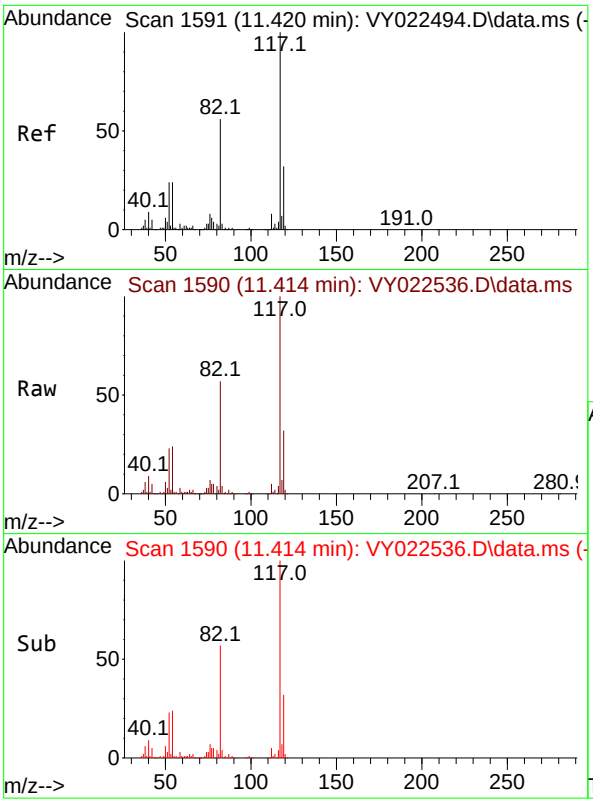


#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 95 Resp: 107560

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	170.0
176	82.0	0.0	166.2

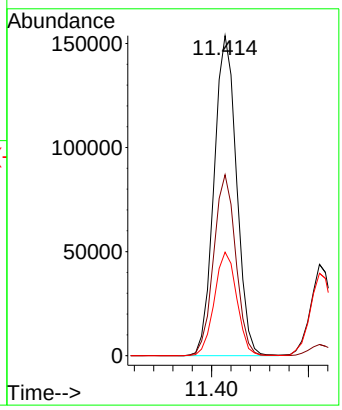




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:117 Resp: 24787

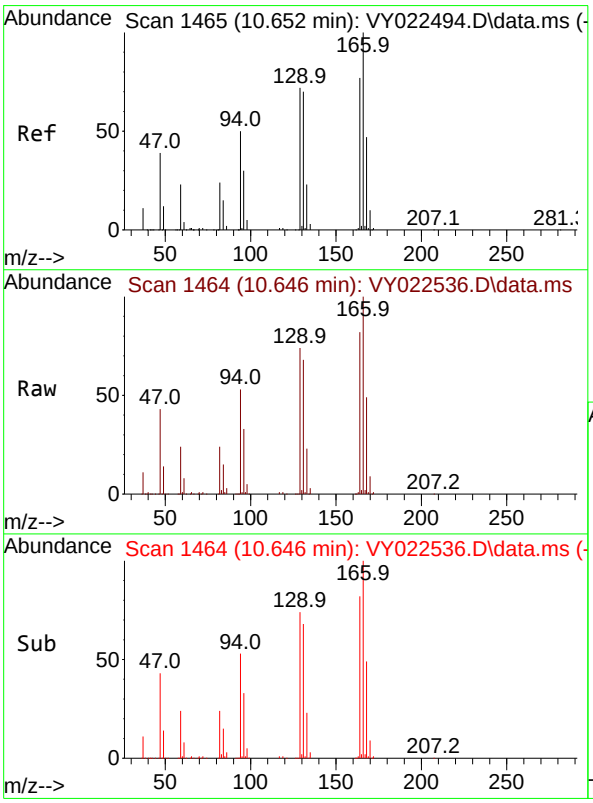
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	66.8
119	32.3	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

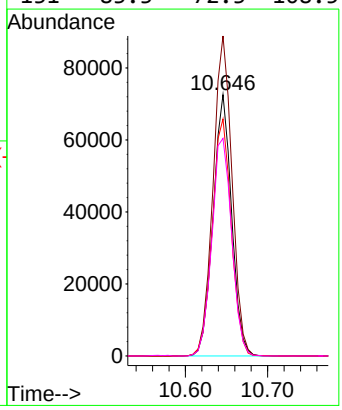
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

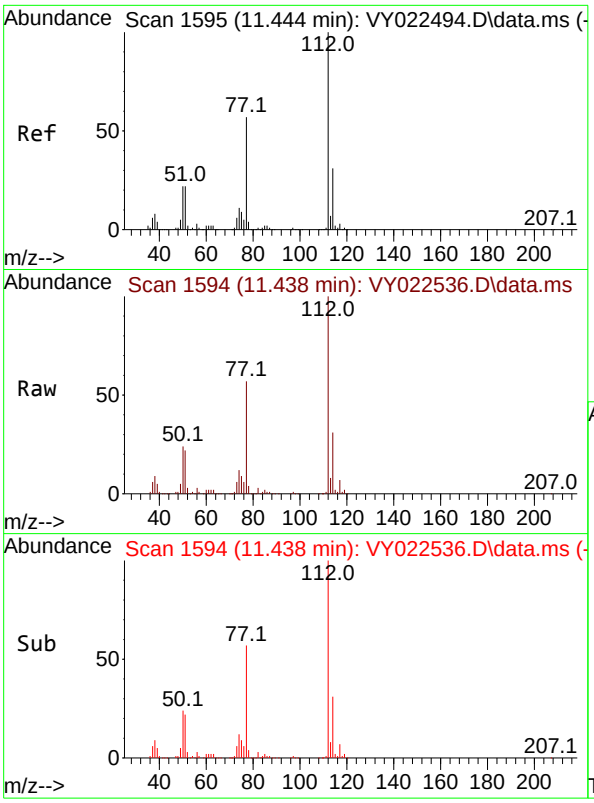


#64
Tetrachloroethene
Concen: 53.342 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:164 Resp: 113736

Ion	Ratio	Lower	Upper
164	100		
166	122.5	104.0	156.0
129	90.7	74.5	111.7
131	83.3	72.3	108.5

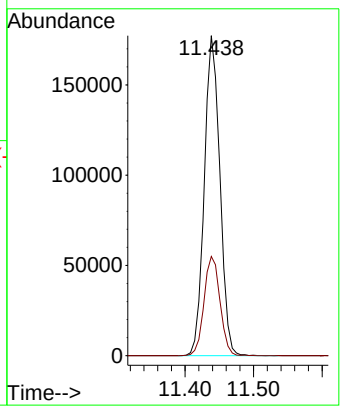




#65
Chlorobenzene
Concen: 51.138 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:112 Resp: 28049

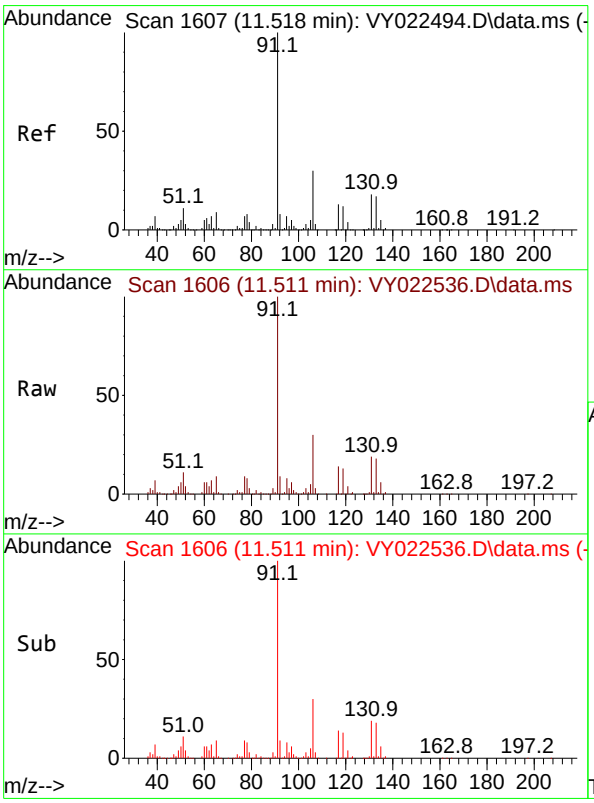
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

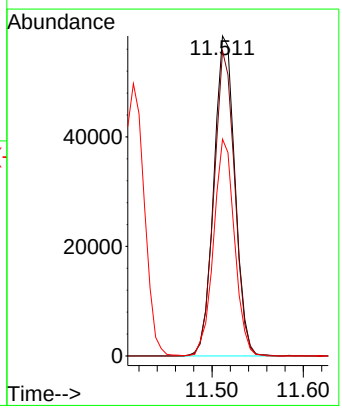
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

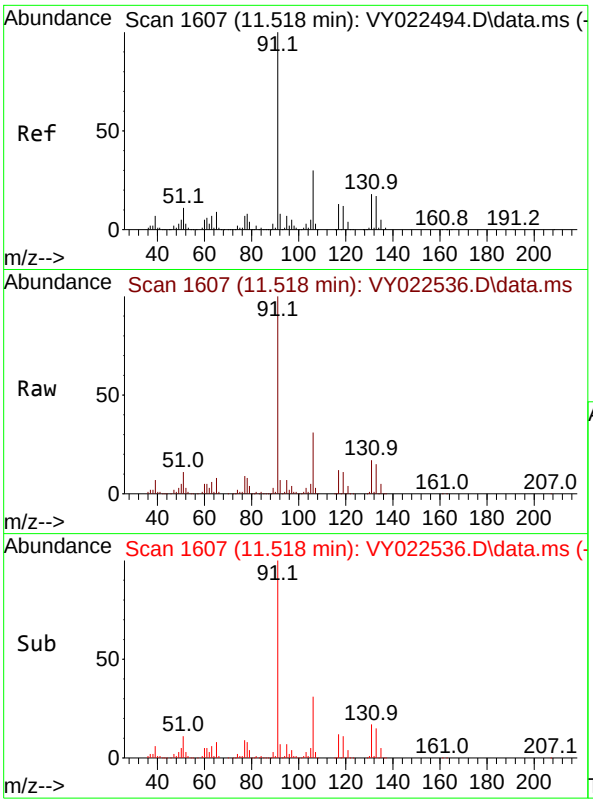


#66
1,1,1,2-Tetrachloroethane
Concen: 50.813 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:131 Resp: 93891

Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.3	141.8
119	67.0	33.1	99.3

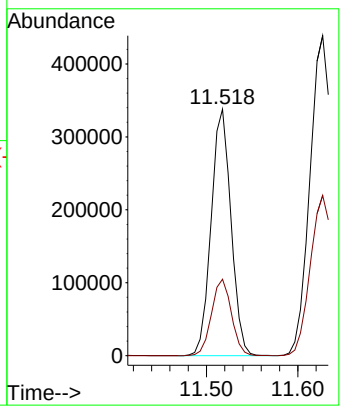




#67
Ethyl Benzene
Concen: 50.115 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 50985

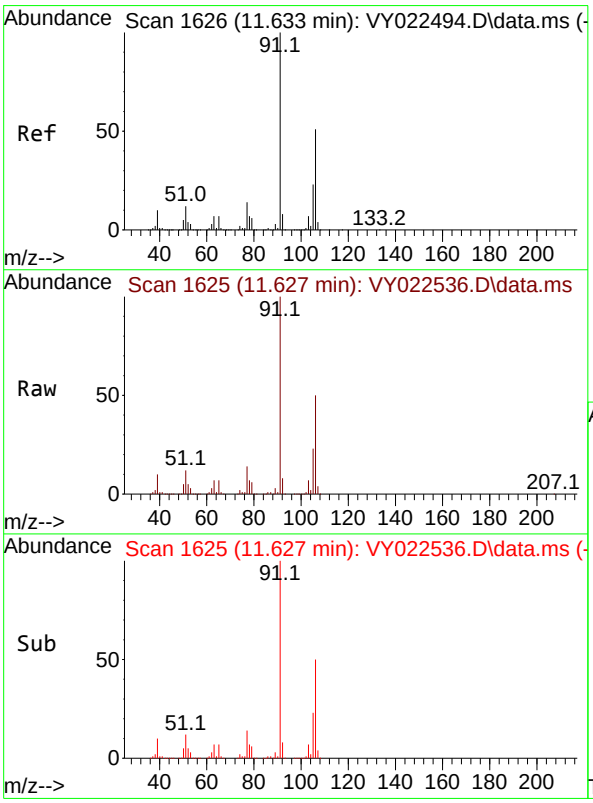
Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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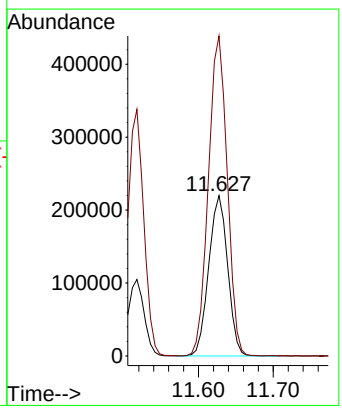
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

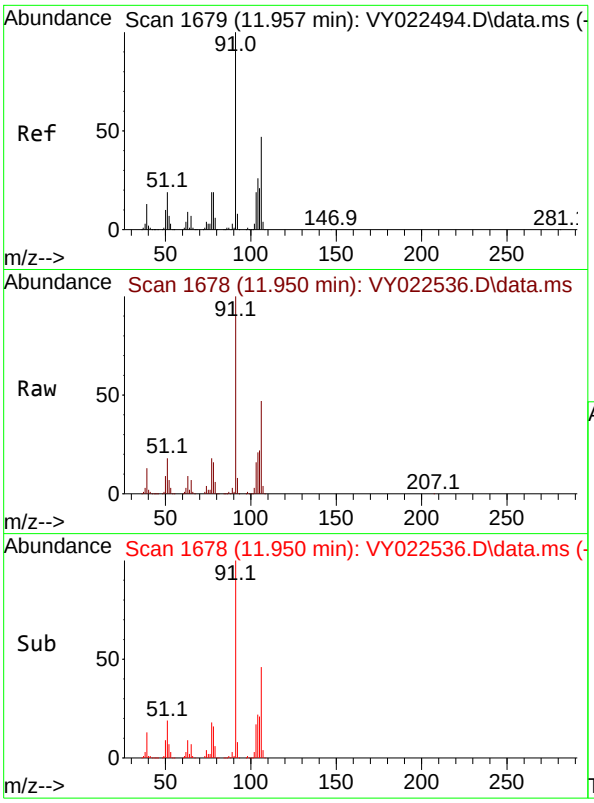


#68
m/p-Xylenes
Concen: 100.456 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:106 Resp: 387428

Ion	Ratio	Lower	Upper
106	100		
91	198.4	159.4	239.0





#69
o-Xylene
Concen: 50.625 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

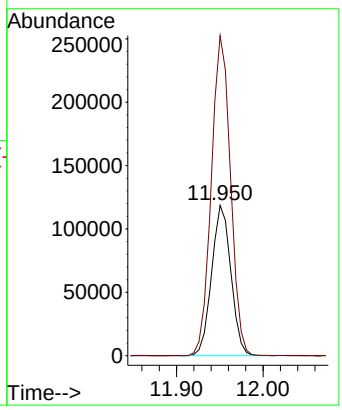
Tgt Ion:106 Resp: 18305

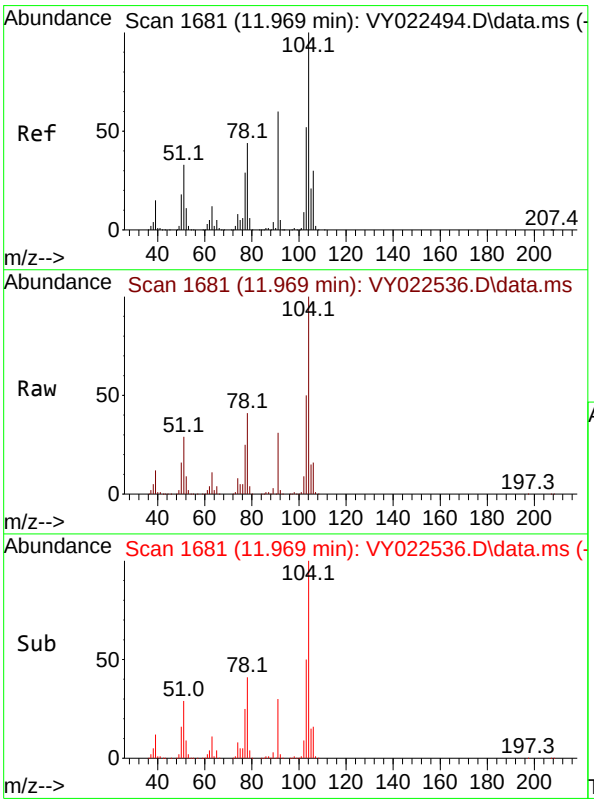
Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

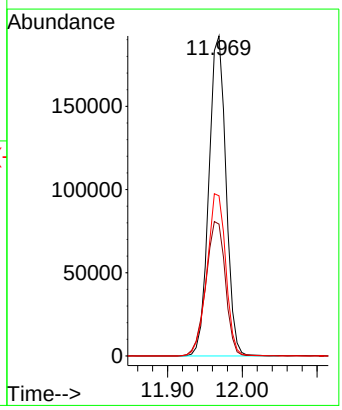


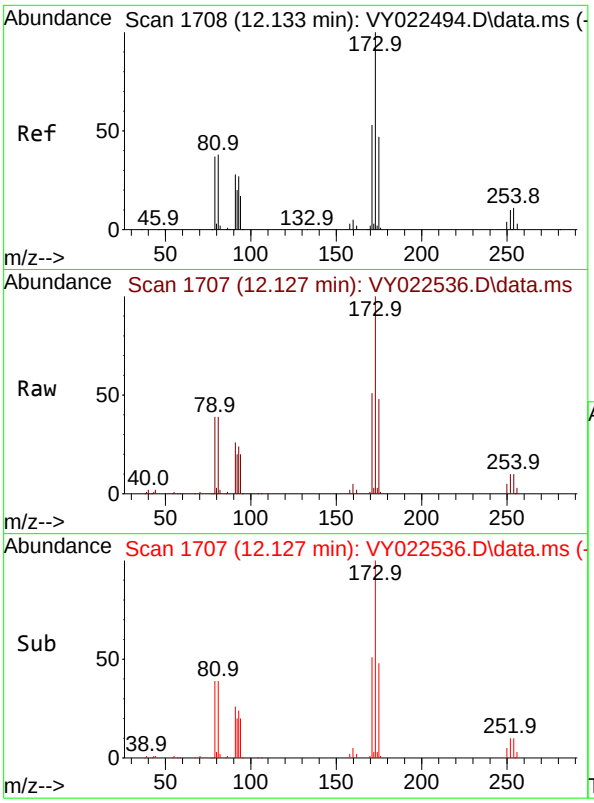


#70
Styrene
Concen: 51.252 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:104 Resp: 306334

Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.5	59.3
103	55.9	44.1	66.1

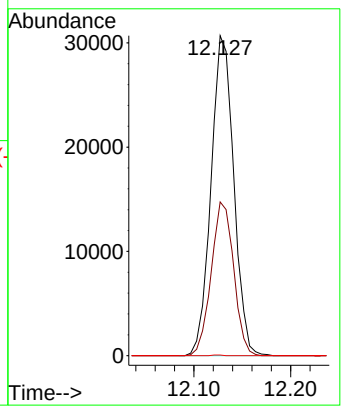




#71
Bromoform
Concen: 50.877 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:173 Resp: 5002

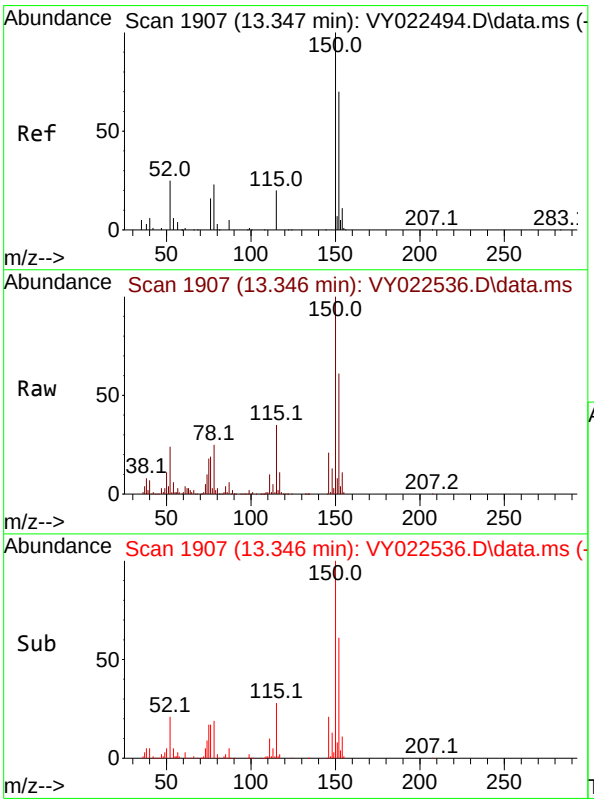
Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.8	71.5
254	0.1	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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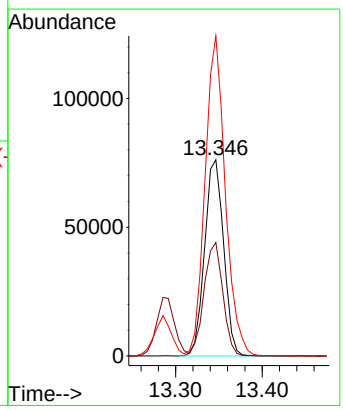
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

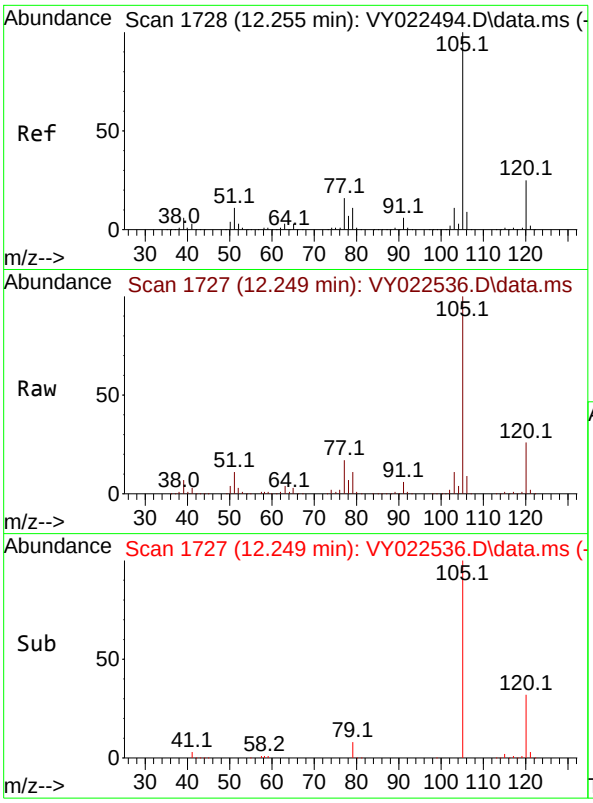


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:152 Resp: 116307

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.9	86.7
150	173.2	0.0	349.6





#73
Isopropylbenzene
Concen: 49.502 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

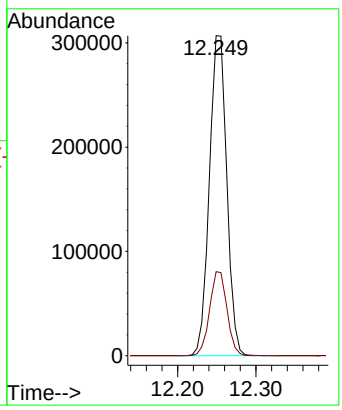
Tgt Ion:105 Resp: 47268

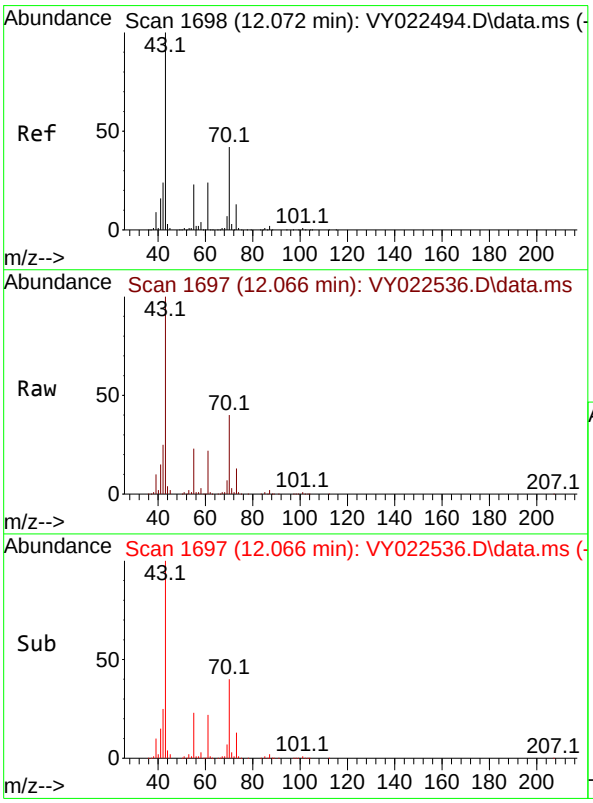
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

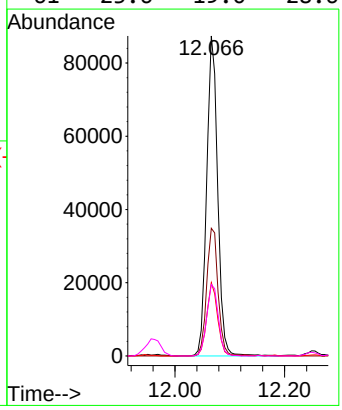


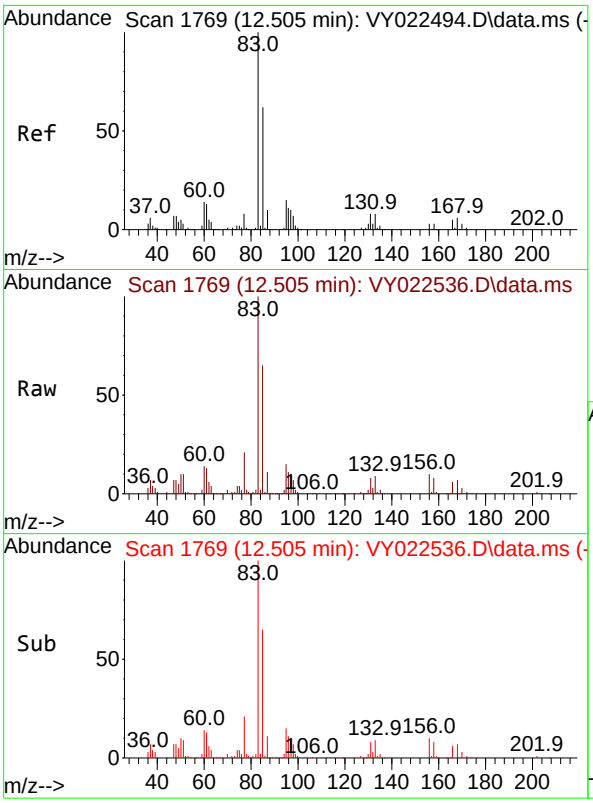


#74
N-amyl acetate
Concen: 50.310 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 121215

Ion	Ratio	Lower	Upper
43	100		
70	41.3	34.2	51.2
55	22.7	18.2	27.4
61	23.6	19.0	28.6

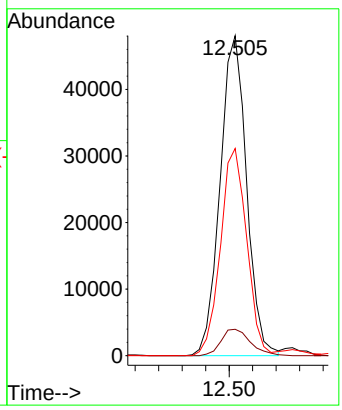




#75
1,1,2,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 83 Resp: 7525

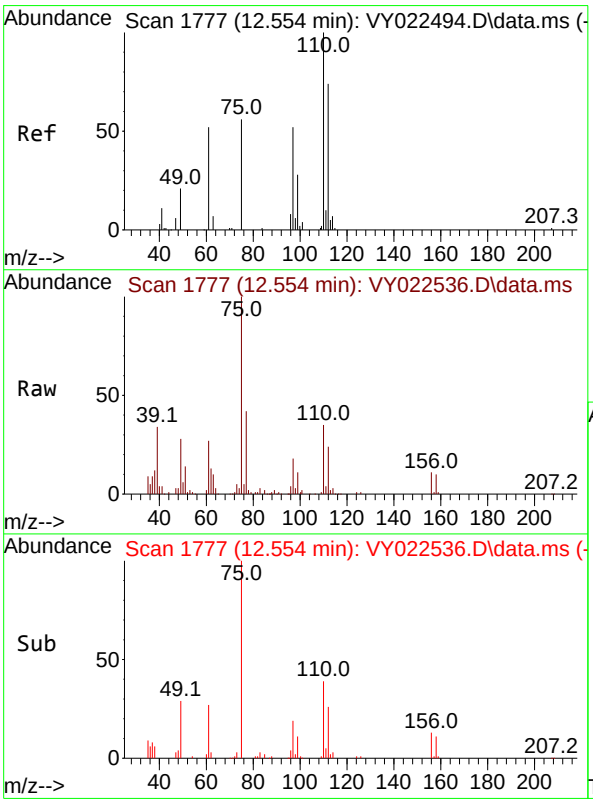
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	64.4	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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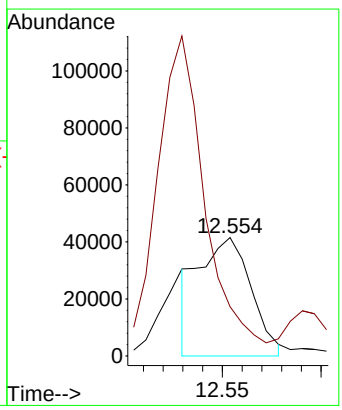
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

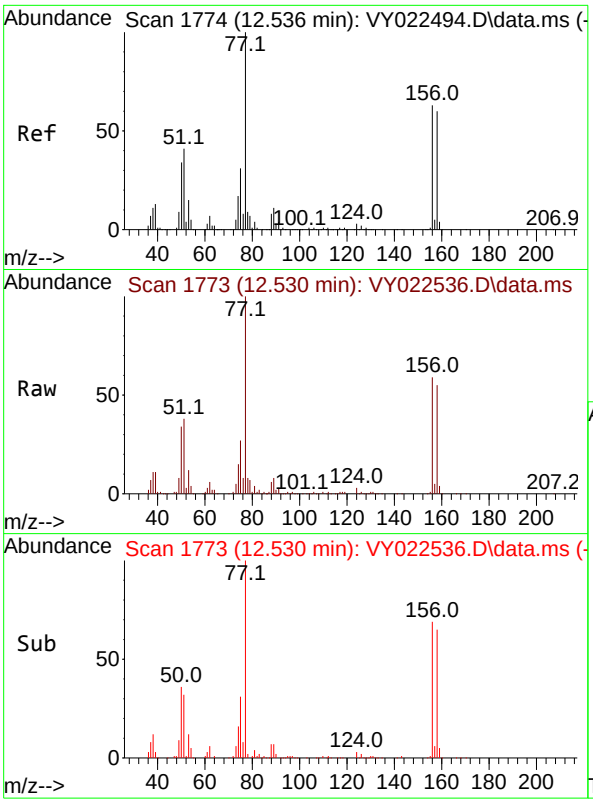


#76
1,2,3-Trichloropropane
Concen: 57.398 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 76373

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

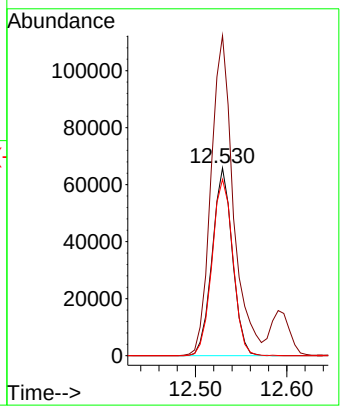




#77
Bromobenzene
Concen: 50.006 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:156 Resp: 10076

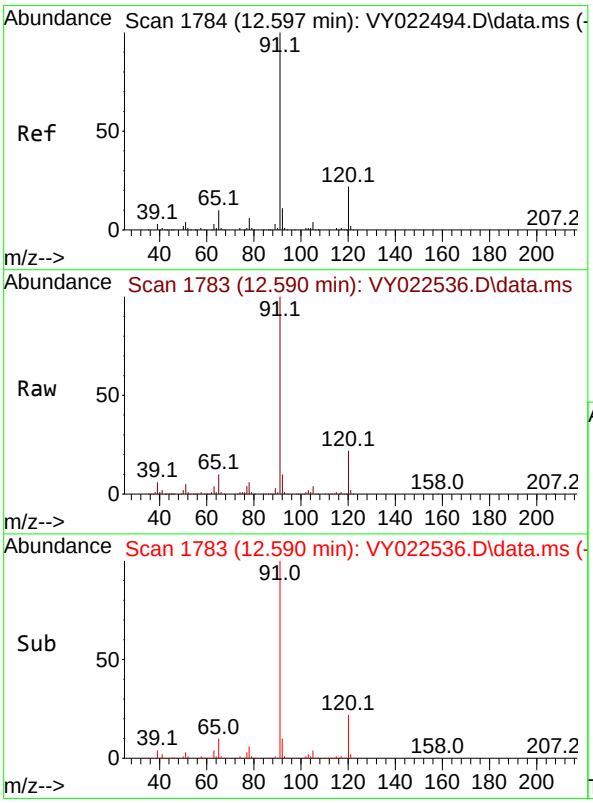
Ion	Ratio	Lower	Upper
156	100		
77	189.2	94.0	282.1
158	97.3	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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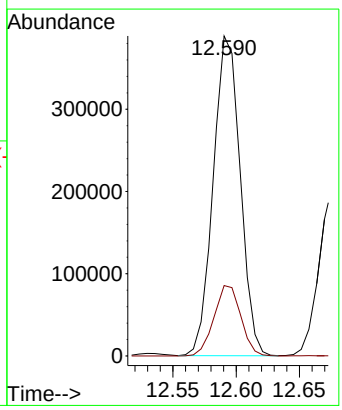
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

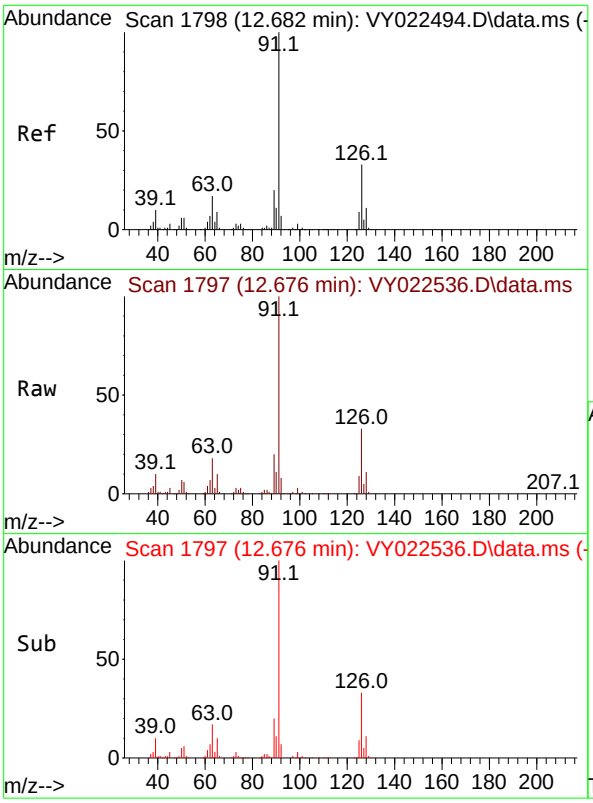


#78
n-propylbenzene
Concen: 49.474 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 577009

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4





#79
2-Chlorotoluene
Concen: 50.294 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

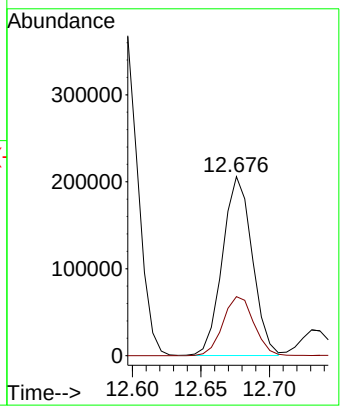
Tgt Ion: 91 Resp: 31088

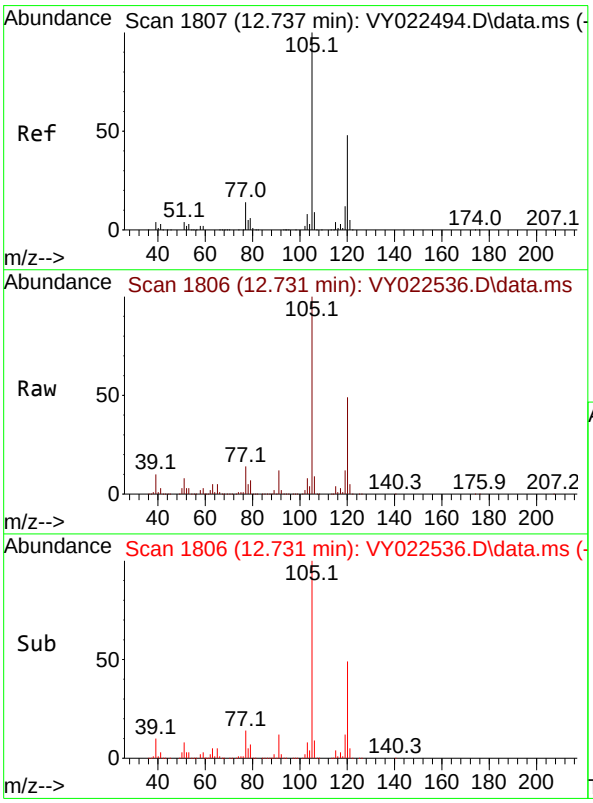
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

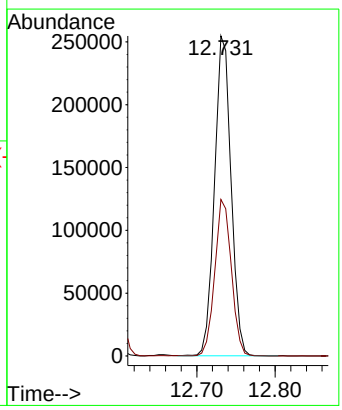


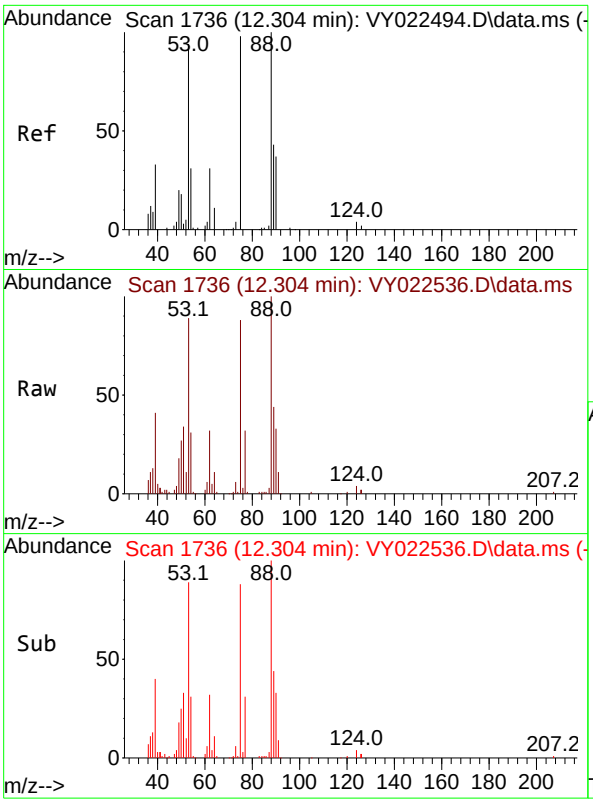


#80
1,3,5-Trimethylbenzene
Concen: 49.832 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 373572

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4

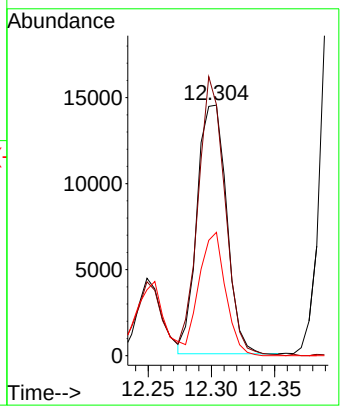




#81
trans-1,4-Dichloro-2-butene
Concen: 42.645 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 2349

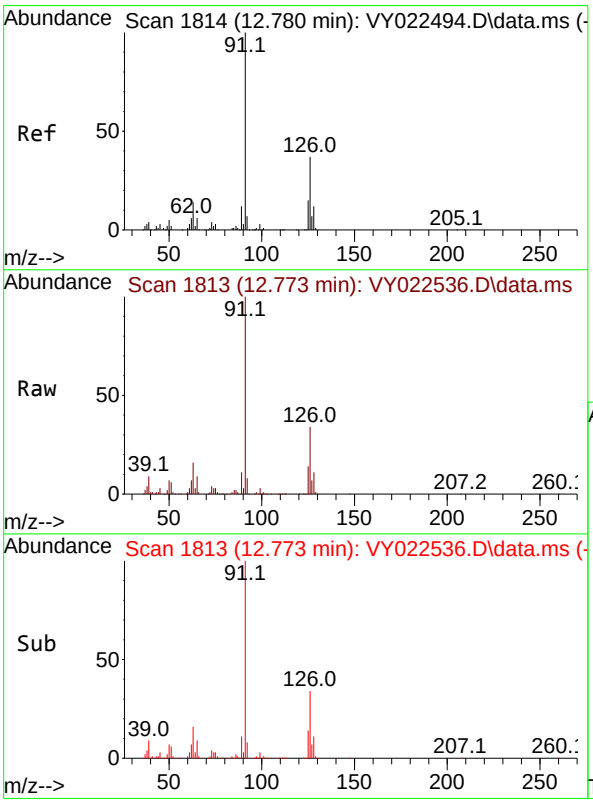
Ion	Ratio	Lower	Upper
75	100		
53	102.8	78.5	117.7
89	44.2	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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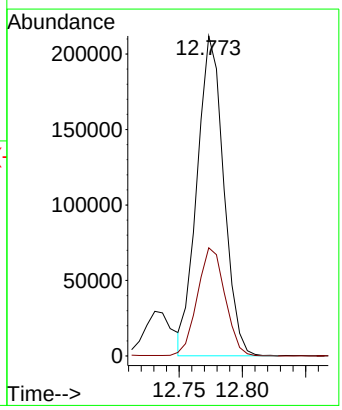
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

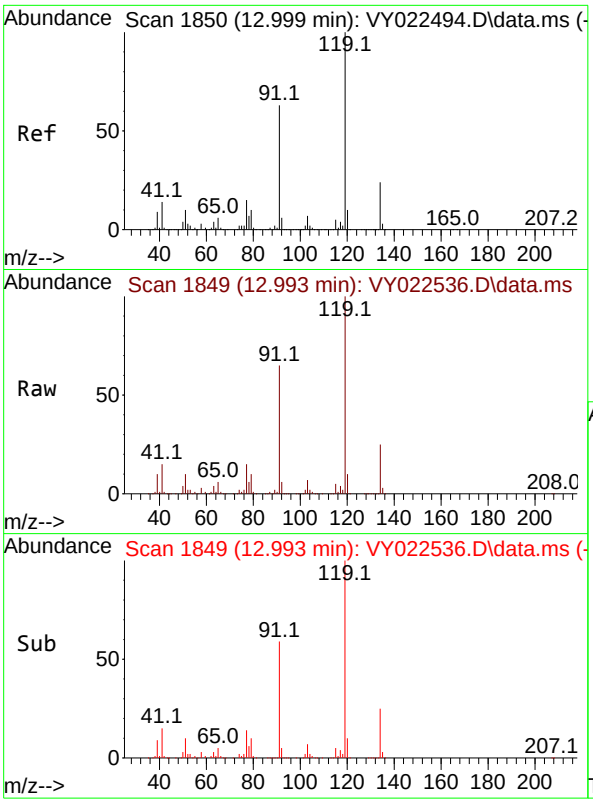


#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 310489

Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.0	50.9

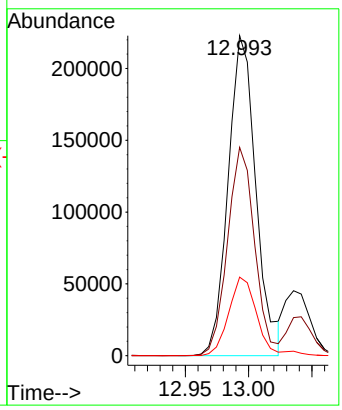




#83
tert-Butylbenzene
Concen: 50.683 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:119 Resp: 34101

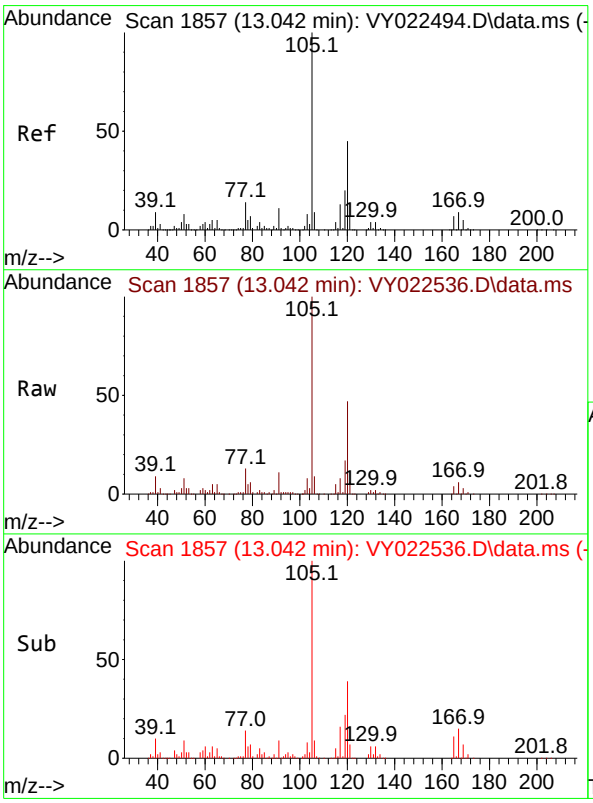
Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.1	96.3
134	25.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

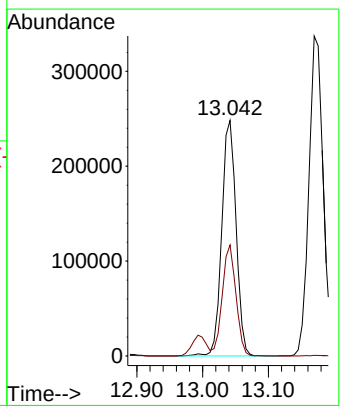
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

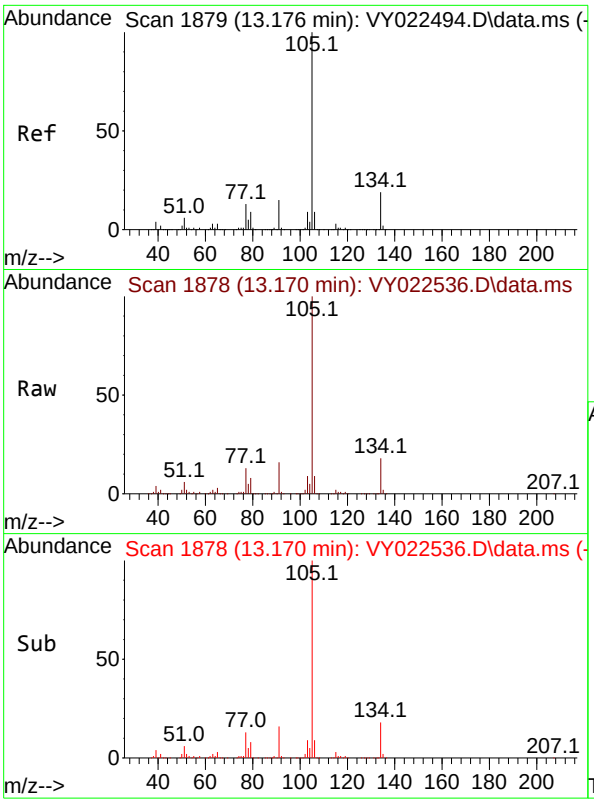


#84
1,2,4-Trimethylbenzene
Concen: 50.160 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 376096

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.1

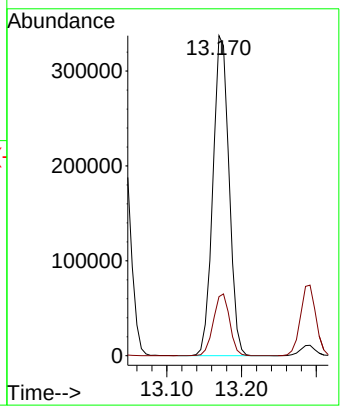




#85
sec-Butylbenzene
Concen: 49.023 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 50517

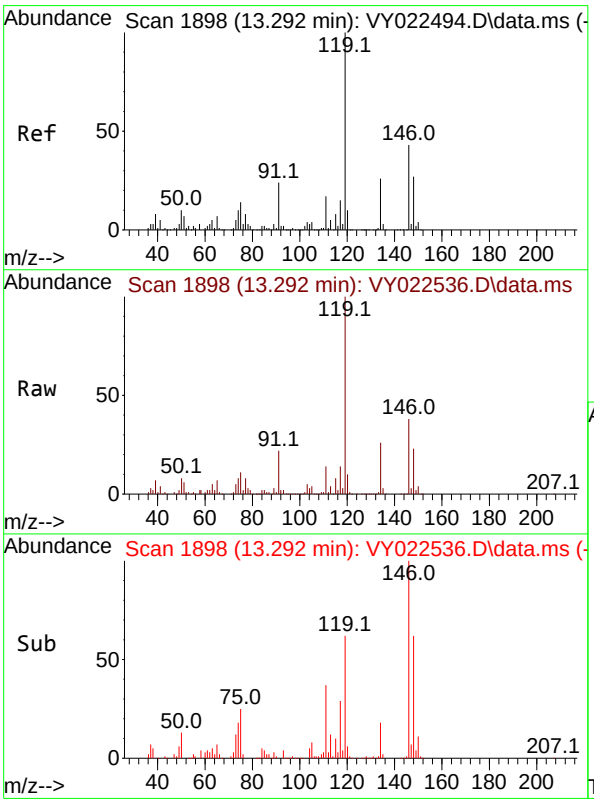
Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

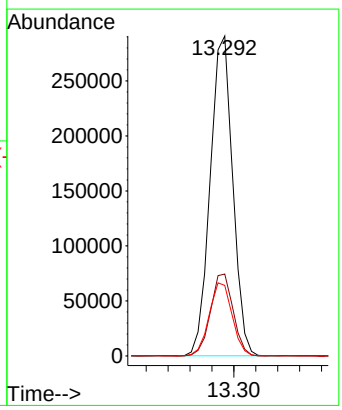
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

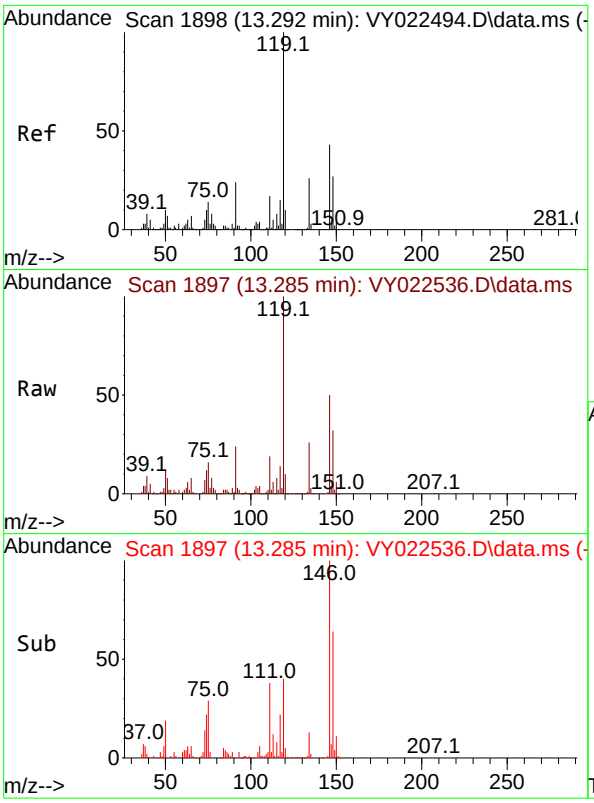


#86
p-Isopropyltoluene
Concen: 48.945 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:119 Resp: 415739

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.3	11.6	34.8

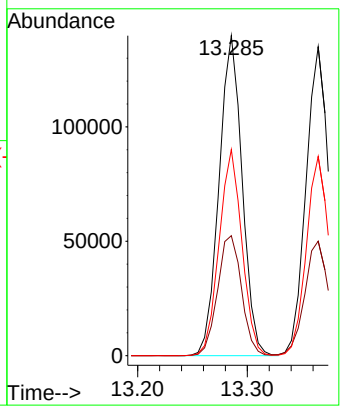




#87
1,3-Dichlorobenzene
Concen: 50.179 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:146 Resp: 20486

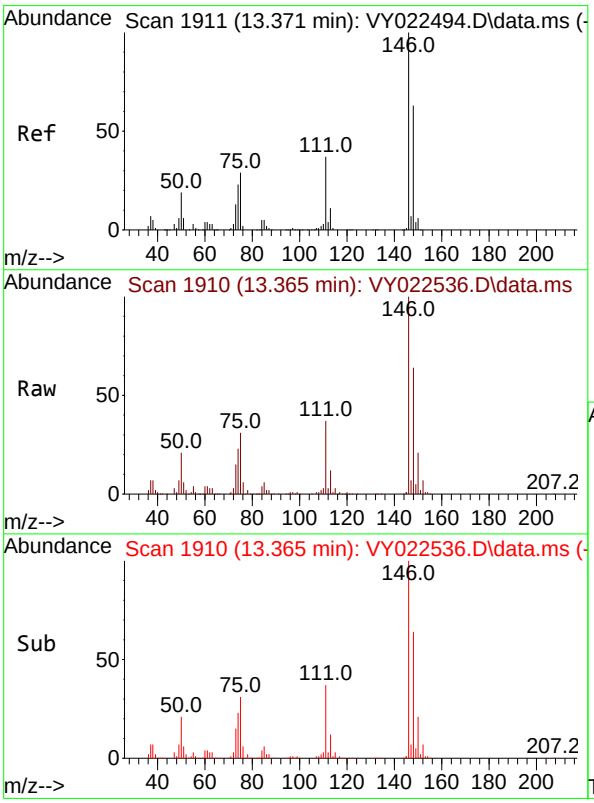
Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.6	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

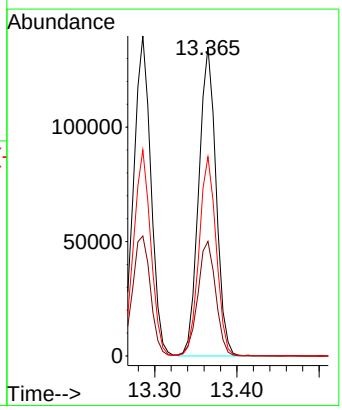
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

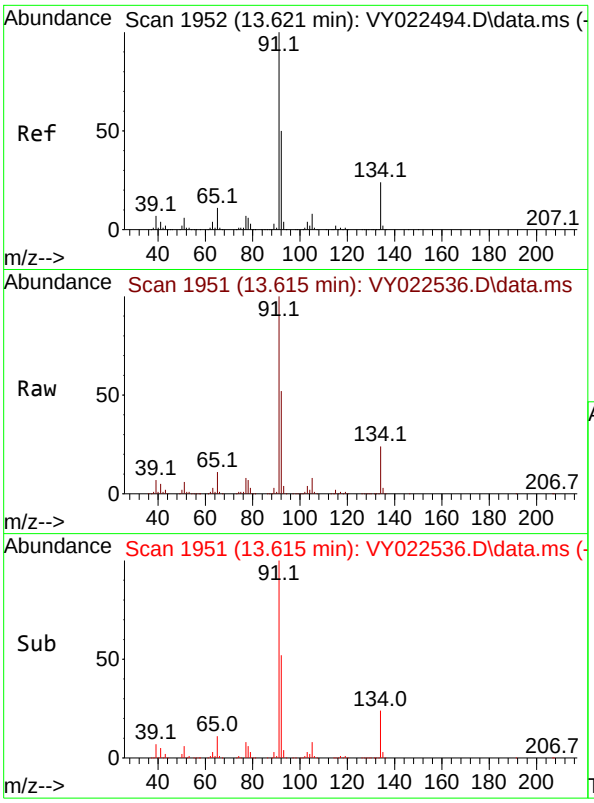


#88
1,4-Dichlorobenzene
Concen: 49.839 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:146 Resp: 197352

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.0	31.6	94.8

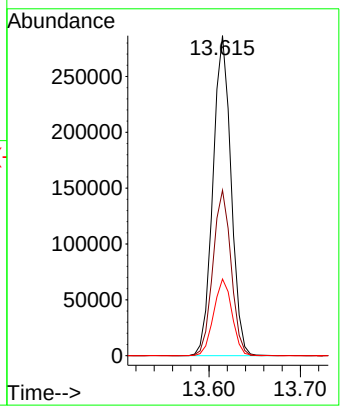




#89
n-Butylbenzene
Concen: 48.858 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 39373

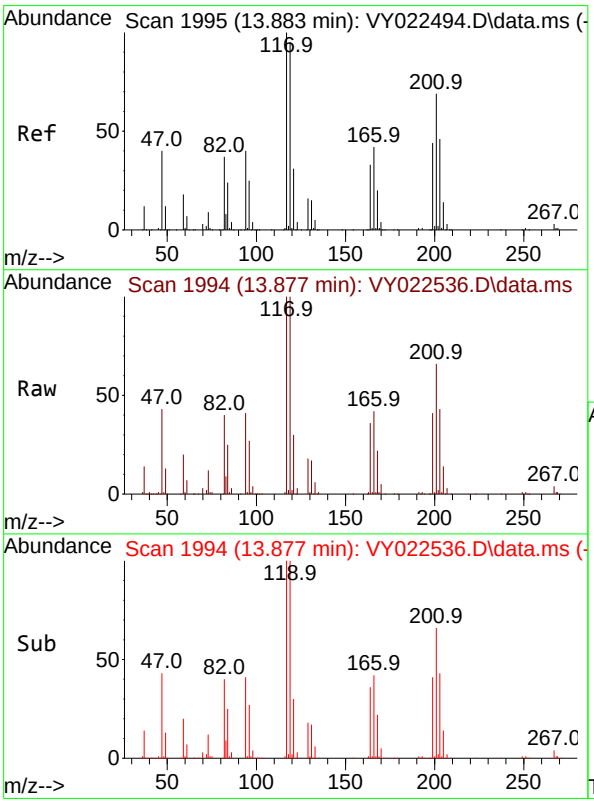
Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.8
134	24.3	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

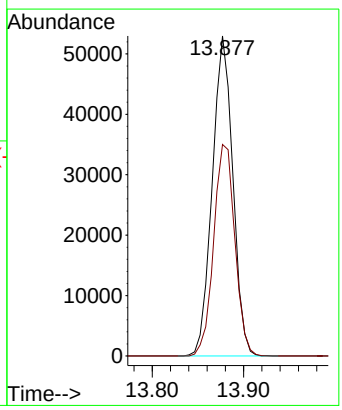
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

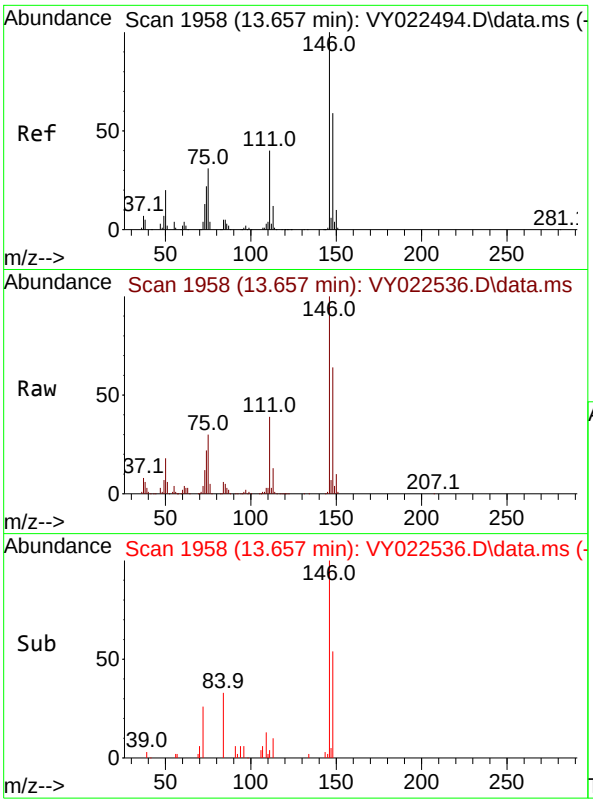


#90
Hexachloroethane
Concen: 50.031 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:117 Resp: 82732

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.0	102.0

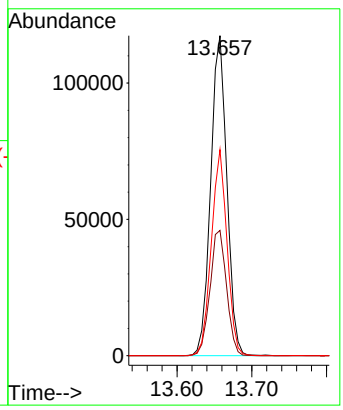




#91
1,2-Dichlorobenzene
Concen: 50.893 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:146 Resp: 17640

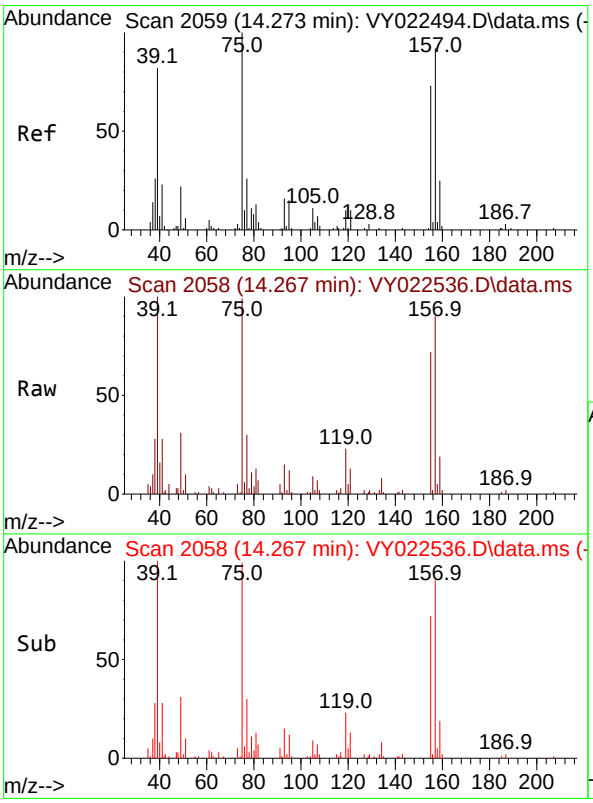
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	62.5	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

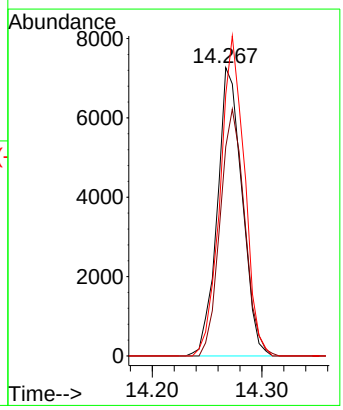
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

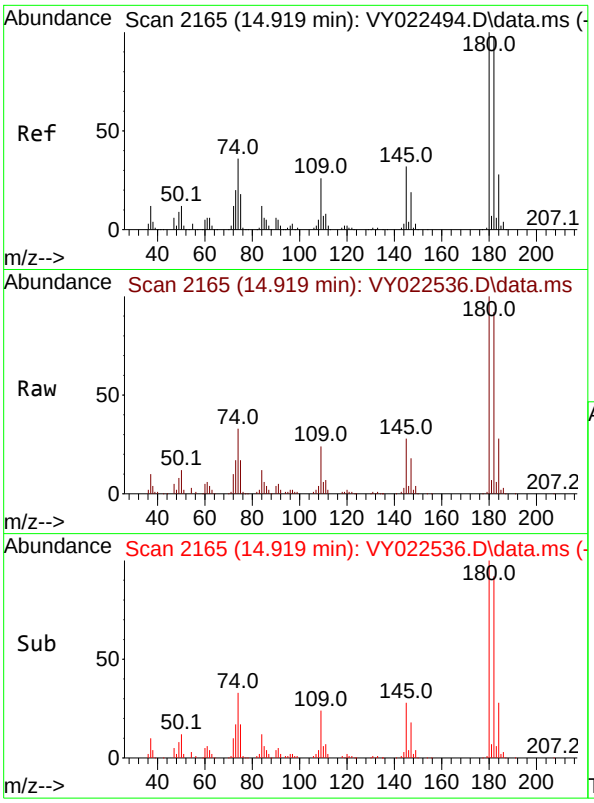


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.137 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 11440

Ion	Ratio	Lower	Upper
75	100		
155	84.5	39.9	119.6
157	108.2	54.0	162.0

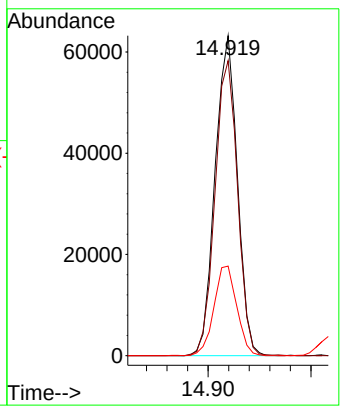




#93
1,2,4-Trichlorobenzene
Concen: 50.174 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:180 Resp: 9485

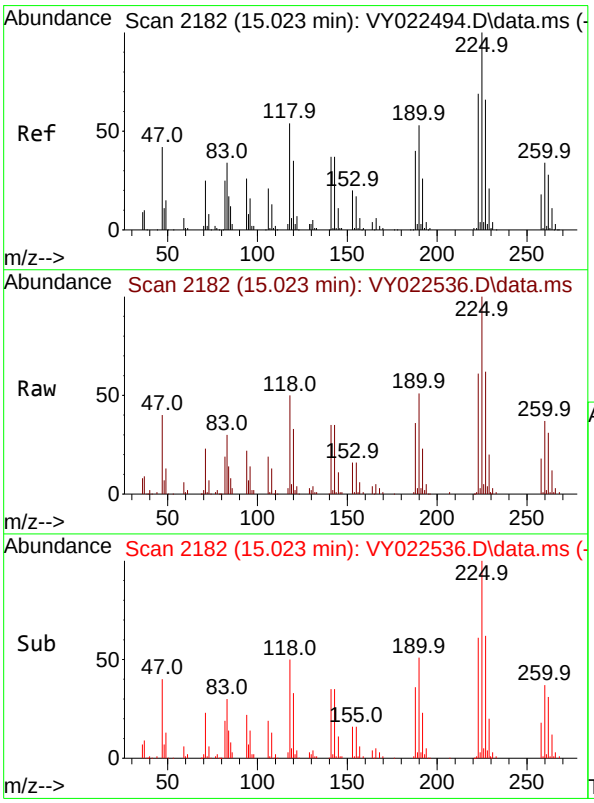
Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.4	145.3
145	28.8	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

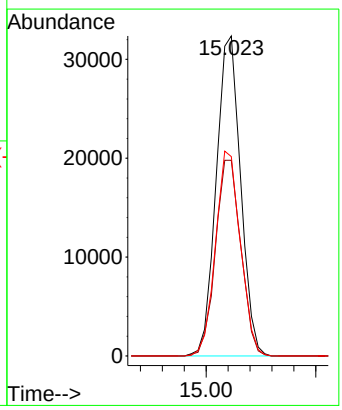
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

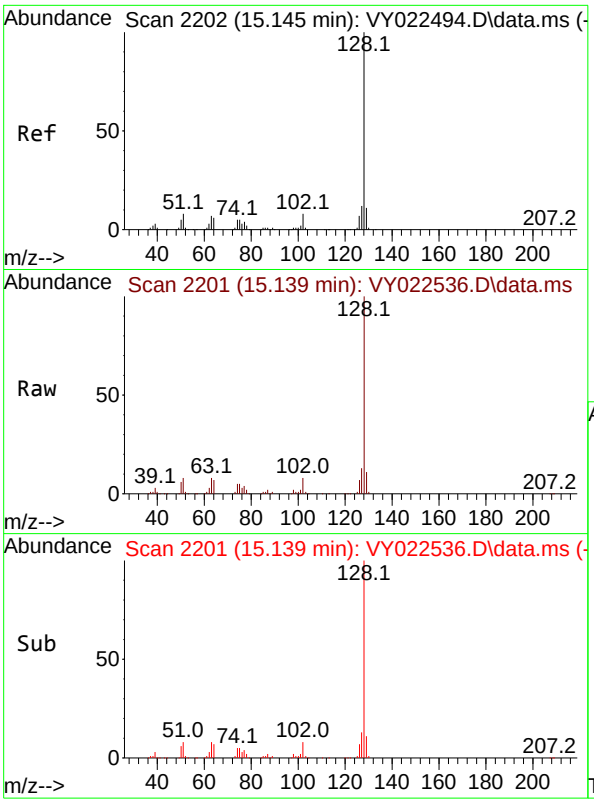


#94
Hexachlorobutadiene
Concen: 47.930 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:225 Resp: 50011

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	65.1	32.3	96.9

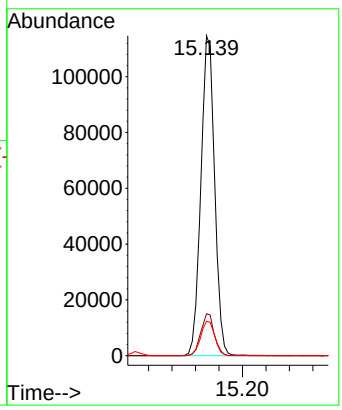




#95
Naphthalene
Concen: 51.402 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:128 Resp: 18647

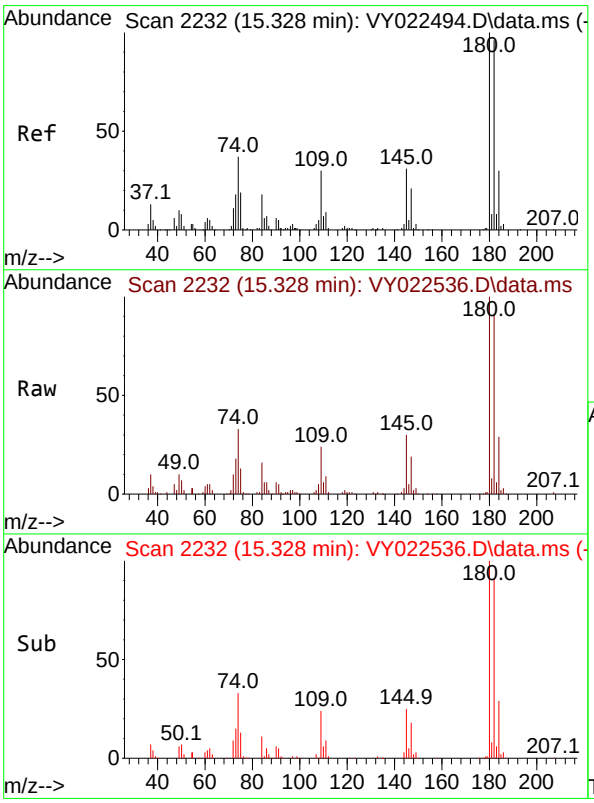
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

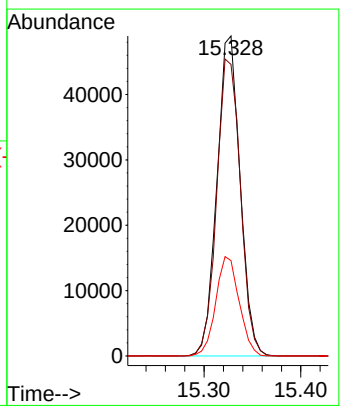
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.220 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:180 Resp: 81365

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	31.3	15.2	45.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	0.448	0.389	13.2	74	0.00
3	P	Chloromethane	1.322	1.505	-13.8	97	0.00
4	C	Vinyl Chloride	1.534	1.832	-19.4#	97	0.00
5	T	Bromomethane	1.470	1.391	5.4	89	0.00
6	T	Chloroethane	1.053	1.190	-13.0	98	0.00
7	T	Trichlorofluoromethane	1.302	1.443	-10.8	93	-0.01
8	T	Diethyl Ether	0.293	0.304	-3.8	83	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.549	0.527	4.0	77	0.00
10	T	Methyl Iodide	0.594	0.588	1.0	72	0.00
11	T	Tert butyl alcohol	0.040	0.039	2.5	78	0.00
12	CM	1,1-Dichloroethene	0.524	0.518	1.1#	79	-0.01
13	T	Acrolein	0.050	0.042	16.0	68	0.00
14	T	Allyl chloride	0.823	0.807	1.9	79	-0.01
15	T	Acrylonitrile	0.124	0.128	-3.2	81	0.00
16	T	Acetone	0.114	0.093	18.4	63	0.00
17	T	Carbon Disulfide	1.679	1.643	2.1	78	0.00
18	T	Methyl Acetate	0.336	0.390	-16.1	93	-0.01
19	T	Methyl tert-butyl Ether	1.477	1.522	-3.0	82	-0.01
20	T	Methylene Chloride	0.645	0.625	3.1	86	-0.01
21	T	trans-1,2-Dichloroethene	0.587	0.601	-2.4	83	-0.01
22	T	Diisopropyl ether	1.832	1.864	-1.7	81	0.00
23	T	Vinyl Acetate	1.084	1.051	3.0	77	0.00
24	P	1,1-Dichloroethane	1.079	1.124	-4.2	84	-0.01
25	T	2-Butanone	0.164	0.157	4.3	74	0.00
26	T	2,2-Dichloropropane	0.954	0.854	10.5	71	0.00
27	T	cis-1,2-Dichloroethene	0.678	0.716	-5.6	83	0.00
28	T	Bromochloromethane	0.471	0.490	-4.0	85	0.00
29	T	Tetrahydrofuran	0.106	0.107	-0.9	81	0.00
30	C	Chloroform	1.069	1.151	-7.7#	86	0.00
31	T	Cyclohexane	1.075	0.960	10.7	75	0.00
32	T	1,1,1-Trichloroethane	0.949	0.985	-3.8	82	0.00
33	S	1,2-Dichloroethane-d4	0.559	0.605	-8.2	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.298	0.320	-7.4	83	0.00
36	T	1,1-Dichloropropene	0.484	0.467	3.5	79	0.00
37	T	Ethyl Acetate	0.216	0.214	0.9	77	0.00
38	T	Carbon Tetrachloride	0.497	0.478	3.8	78	0.00
39	T	Methylcyclohexane	0.651	0.594	8.8	75	0.00
40	TM	Benzene	1.431	1.465	-2.4	84	0.00
41	T	Methacrylonitrile	0.126	0.125	0.8	83	-0.01
42	TM	1,2-Dichloroethane	0.391	0.398	-1.8	84	0.00
43	T	Isopropyl Acetate	0.467	0.454	2.8	79	0.00
44	TM	Trichloroethene	0.350	0.354	-1.1	82	0.00
45	C	1,2-Dichloropropane	0.338	0.338	0.0	81	0.00
46	T	Dibromomethane	0.190	0.195	-2.6	84	0.00
47	T	Bromodichloromethane	0.482	0.503	-4.4	85	0.00
48	T	Methyl methacrylate	0.219	0.212	3.2	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	-0.01
50	S	Toluene-d8	1.206	1.276	-5.8	83	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.232	0.4	79	0.00
52	CM	Toluene	0.899	0.909	-1.1#	83	0.00
53	T	t-1,3-Dichloropropene	0.452	0.442	2.2	79	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.520	1.1	80	0.00
55	T	1,1,2-Trichloroethane	0.243	0.247	-1.6	85	0.00
56	T	Ethyl methacrylate	0.351	0.347	1.1	79	0.00
57	T	1,3-Dichloropropane	0.430	0.441	-2.6	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.096	39.6#	50	0.00
59	T	2-Hexanone	0.156	0.154	1.3	79	0.00
60	T	Dibromochloromethane	0.308	0.311	-1.0	82	0.00
61	T	1,2-Dibromoethane	0.221	0.230	-4.1	86	0.00
62	S	4-Bromofluorobenzene	0.359	0.370	-3.1	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.430	0.459	-6.7	87	0.00
65	PM	Chlorobenzene	1.106	1.132	-2.4	84	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.379	-1.6	83	0.00
67	C	Ethyl Benzene	2.052	2.057	-0.2#	82	0.00
68	T	m/p-Xylenes	0.778	0.782	-0.5	83	0.00
69	T	o-Xylene	0.729	0.739	-1.4	84	0.00
70	T	Styrene	1.206	1.236	-2.5	83	0.00
71	P	Bromoform	0.198	0.202	-2.0	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	4.105	4.064	1.0	82	0.00
74	T	N-amyl acetate	1.036	1.042	-0.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.674	0.647	4.0	79	0.00
76	T	1,2,3-Trichloropropane	0.572	0.657	-14.9	87	0.00
77	T	Bromobenzene	0.866	0.866	0.0	83	0.00
78	T	n-propylbenzene	5.014	4.961	1.1	82	0.00
79	T	2-Chlorotoluene	2.657	2.673	-0.6	83	0.00
80	T	1,3,5-Trimethylbenzene	3.223	3.212	0.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.237	0.202	14.8	72	0.00
82	T	4-Chlorotoluene	2.741	2.670	2.6	80	0.00
83	T	tert-Butylbenzene	2.893	2.932	-1.3	84	0.00
84	T	1,2,4-Trimethylbenzene	3.223	3.234	-0.3	84	0.00
85	T	sec-Butylbenzene	4.430	4.343	2.0	81	0.00
86	T	p-Isopropyltoluene	3.652	3.574	2.1	82	0.00
87	T	1,3-Dichlorobenzene	1.755	1.761	-0.3	85	0.00
88	T	1,4-Dichlorobenzene	1.702	1.697	0.3	83	0.00
89	T	n-Butylbenzene	3.464	3.385	2.3	80	0.00
90	T	Hexachloroethane	0.711	0.711	0.0	83	0.00
91	T	1,2-Dichlorobenzene	1.490	1.517	-1.8	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.098	0.0	78	0.00
93	T	1,2,4-Trichlorobenzene	0.813	0.816	-0.4	83	0.00
94	T	Hexachlorobutadiene	0.449	0.430	4.2	80	0.00
95	T	Naphthalene	1.560	1.603	-2.8	82	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.700	-0.4	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	79	0.00
2	T	Dichlorodifluoromethane	50.000	43.409	13.2	74	0.00
3	P	Chloromethane	50.000	56.910	-13.8	97	0.00
4	C	Vinyl Chloride	50.000	59.708	-19.4#	97	0.00
5	T	Bromomethane	50.000	47.288	5.4	89	0.00
6	T	Chloroethane	50.000	56.499	-13.0	98	0.00
7	T	Trichlorofluoromethane	50.000	55.414	-10.8	93	-0.01
8	T	Diethyl Ether	50.000	51.788	-3.6	83	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.014	4.0	77	0.00
10	T	Methyl Iodide	50.000	49.555	0.9	72	0.00
11	T	Tert butyl alcohol	250.000	241.634	3.3	78	0.00
12	CM	1,1-Dichloroethene	50.000	49.369	1.3#	79	-0.01
13	T	Acrolein	250.000	208.635	16.5	68	0.00
14	T	Allyl chloride	50.000	49.032	1.9	79	-0.01
15	T	Acrylonitrile	250.000	258.303	-3.3	81	0.00
16	T	Acetone	250.000	204.010	18.4	63	0.00
17	T	Carbon Disulfide	50.000	48.945	2.1	78	0.00
18	T	Methyl Acetate	50.000	57.944	-15.9	93	-0.01
19	T	Methyl tert-butyl Ether	50.000	51.530	-3.1	82	-0.01
20	T	Methylene Chloride	50.000	48.434	3.1	86	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.234	-2.5	83	-0.01
22	T	Diisopropyl ether	50.000	50.880	-1.8	81	0.00
23	T	Vinyl Acetate	250.000	242.366	3.1	77	0.00
24	P	1,1-Dichloroethane	50.000	52.059	-4.1	84	-0.01
25	T	2-Butanone	250.000	239.934	4.0	74	0.00
26	T	2,2-Dichloropropane	50.000	44.756	10.5	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.805	-5.6	83	0.00
28	T	Bromochloromethane	50.000	52.064	-4.1	85	0.00
29	T	Tetrahydrofuran	250.000	253.372	-1.3	81	0.00
30	C	Chloroform	50.000	53.831	-7.7#	86	0.00
31	T	Cyclohexane	50.000	44.669	10.7	75	0.00
32	T	1,1,1-Trichloroethane	50.000	51.894	-3.8	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.078	-8.2	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	53.645	-7.3	83	0.00
36	T	1,1-Dichloropropene	50.000	48.169	3.7	79	0.00
37	T	Ethyl Acetate	50.000	49.427	1.1	77	0.00
38	T	Carbon Tetrachloride	50.000	48.083	3.8	78	0.00
39	T	Methylcyclohexane	50.000	45.614	8.8	75	0.00
40	TM	Benzene	50.000	51.189	-2.4	84	0.00
41	T	Methacrylonitrile	50.000	49.399	1.2	83	-0.01
42	TM	1,2-Dichloroethane	50.000	50.939	-1.9	84	0.00
43	T	Isopropyl Acetate	50.000	48.629	2.7	79	0.00
44	TM	Trichloroethene	50.000	50.618	-1.2	82	0.00
45	C	1,2-Dichloropropane	50.000	49.958	0.1#	81	0.00
46	T	Dibromomethane	50.000	51.134	-2.3	84	0.00
47	T	Bromodichloromethane	50.000	52.192	-4.4	85	0.00
48	T	Methyl methacrylate	50.000	48.502	3.0	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1033.044	-3.3	88	-0.01
50	S	Toluene-d8	50.000	52.887	-5.8	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.686	0.1	79	0.00
52	CM	Toluene	50.000	50.578	-1.2#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	48.903	2.2	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.453	1.1	80	0.00
55	T	1,1,2-Trichloroethane	50.000	51.020	-2.0	85	0.00
56	T	Ethyl methacrylate	50.000	49.541	0.9	79	0.00
57	T	1,3-Dichloropropane	50.000	51.300	-2.6	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	151.378	39.4#	50	0.00
59	T	2-Hexanone	250.000	247.844	0.9	79	0.00
60	T	Dibromochloromethane	50.000	50.462	-0.9	82	0.00
61	T	1,2-Dibromoethane	50.000	52.050	-4.1	86	0.00
62	S	4-Bromofluorobenzene	50.000	51.515	-3.0	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	53.342	-6.7	87	0.00
65	PM	Chlorobenzene	50.000	51.138	-2.3	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.813	-1.6	83	0.00
67	C	Ethyl Benzene	50.000	50.115	-0.2#	82	0.00
68	T	m/p-Xylenes	100.000	100.456	-0.5	83	0.00
69	T	o-Xylene	50.000	50.625	-1.3	84	0.00
70	T	Styrene	50.000	51.252	-2.5	83	0.00
71	P	Bromoform	50.000	50.877	-1.8	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	49.502	1.0	82	0.00
74	T	N-amyl acetate	50.000	50.310	-0.6	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.020	4.0	79	0.00
76	T	1,2,3-Trichloropropane	50.000	57.398	-14.8	87	0.00
77	T	Bromobenzene	50.000	50.006	-0.0	83	0.00
78	T	n-propylbenzene	50.000	49.474	1.1	82	0.00
79	T	2-Chlorotoluene	50.000	50.294	-0.6	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.832	0.3	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.645	14.7	72	0.00
82	T	4-Chlorotoluene	50.000	48.691	2.6	80	0.00
83	T	tert-Butylbenzene	50.000	50.683	-1.4	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.160	-0.3	84	0.00
85	T	sec-Butylbenzene	50.000	49.023	2.0	81	0.00
86	T	p-Isopropyltoluene	50.000	48.945	2.1	82	0.00
87	T	1,3-Dichlorobenzene	50.000	50.179	-0.4	85	0.00
88	T	1,4-Dichlorobenzene	50.000	49.839	0.3	83	0.00
89	T	n-Butylbenzene	50.000	48.858	2.3	80	0.00
90	T	Hexachloroethane	50.000	50.031	-0.1	83	0.00
91	T	1,2-Dichlorobenzene	50.000	50.893	-1.8	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.137	-0.3	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.174	-0.3	83	0.00
94	T	Hexachlorobutadiene	50.000	47.930	4.1	80	0.00
95	T	Naphthalene	50.000	51.402	-2.8	82	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.220	-0.4	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

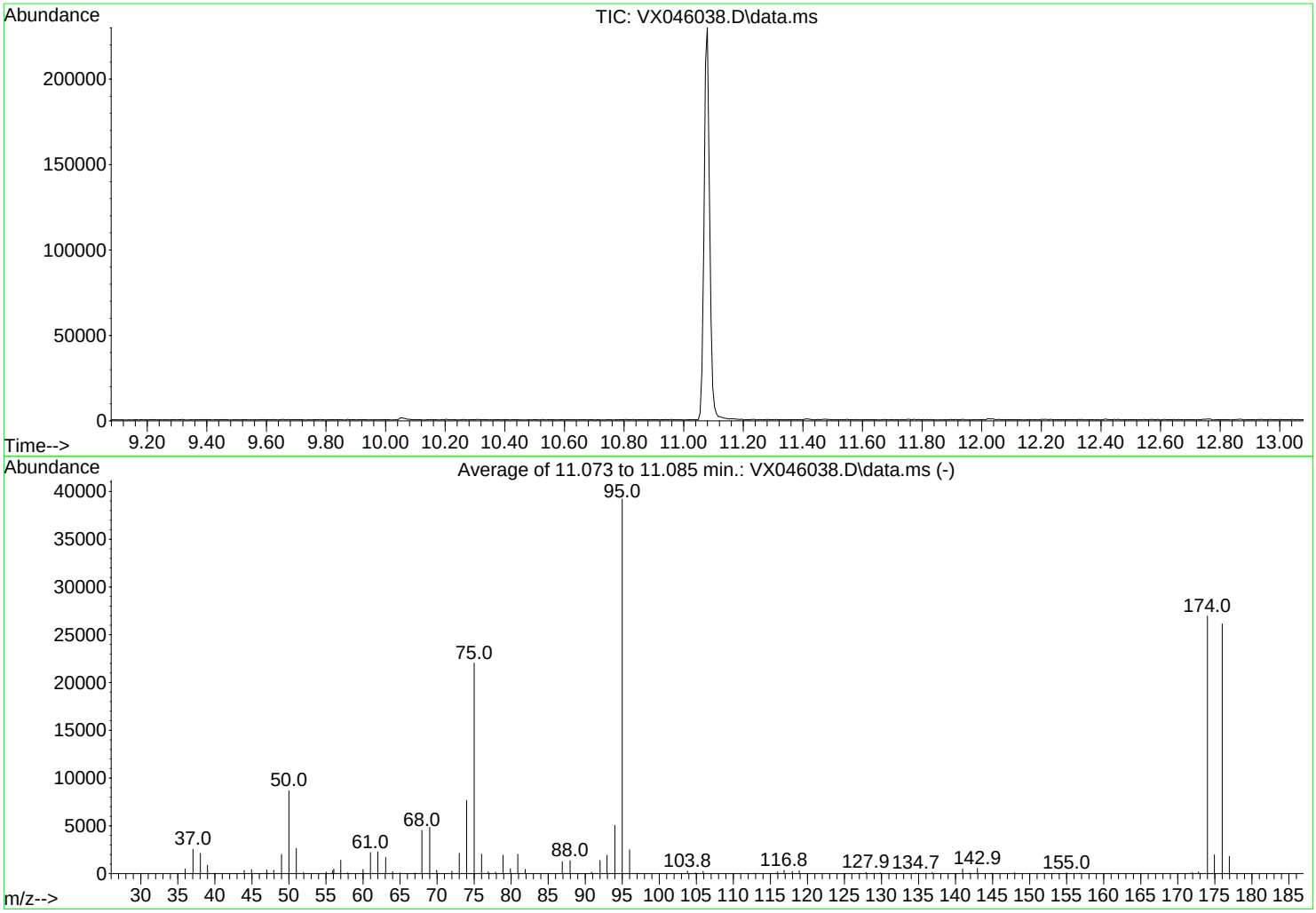
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046038.D
Acq On : 05 May 2025 09:37
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\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	8676	PASS
75	95	30	60	56.2	22052	PASS
95	95	100	100	100.0	39213	PASS
96	95	5	9	6.4	2505	PASS
173	174	0.00	2	0.7	185	PASS
174	95	50	100	68.8	26963	PASS
175	174	5	9	7.3	1980	PASS
176	174	95	101	97.0	26147	PASS
177	176	5	9	6.9	1802	PASS

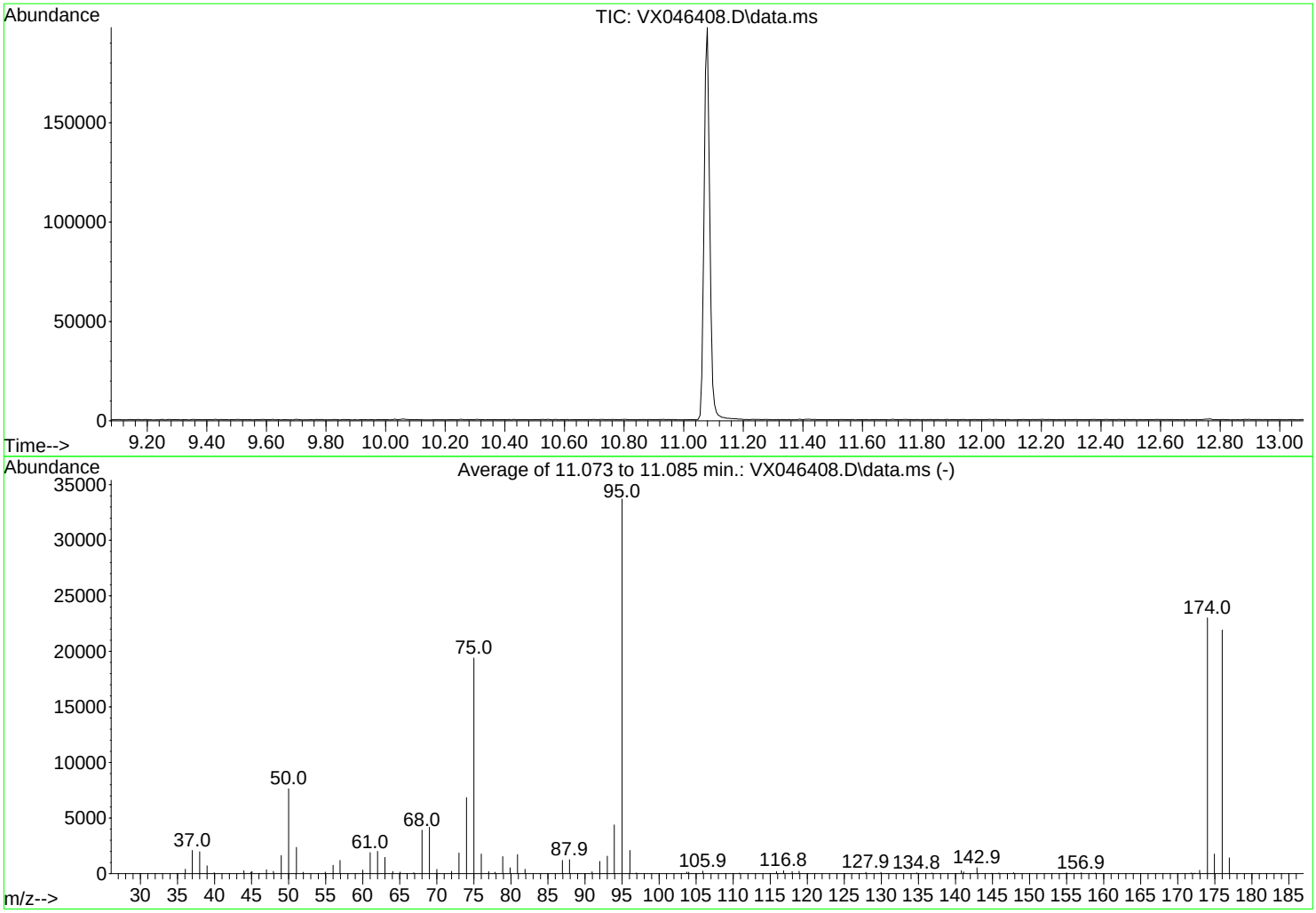
Sample Results: **VX046408.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046408.D
Acq On : 30 May 2025 08:20
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\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

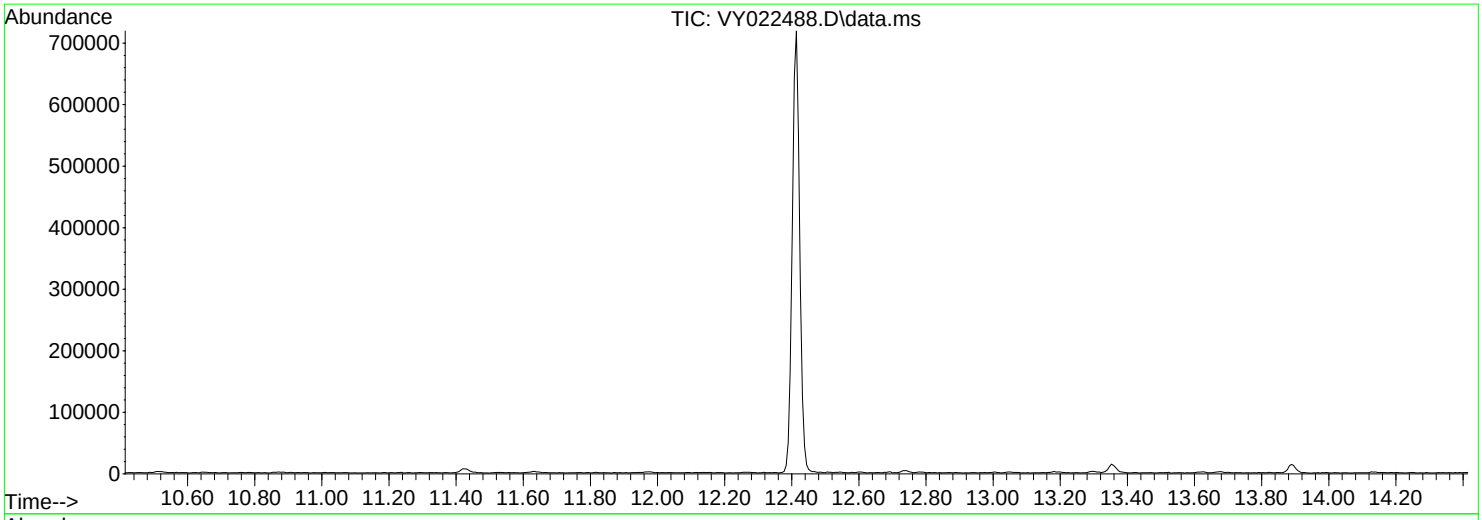
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	7633	PASS
75	95	30	60	57.6	19408	PASS
95	95	100	100	100.0	33717	PASS
96	95	5	9	6.2	2087	PASS
173	174	0.00	2	1.3	293	PASS
174	95	50	100	68.3	23021	PASS
175	174	5	9	7.7	1769	PASS
176	174	95	101	95.2	21917	PASS
177	176	5	9	6.5	1422	PASS

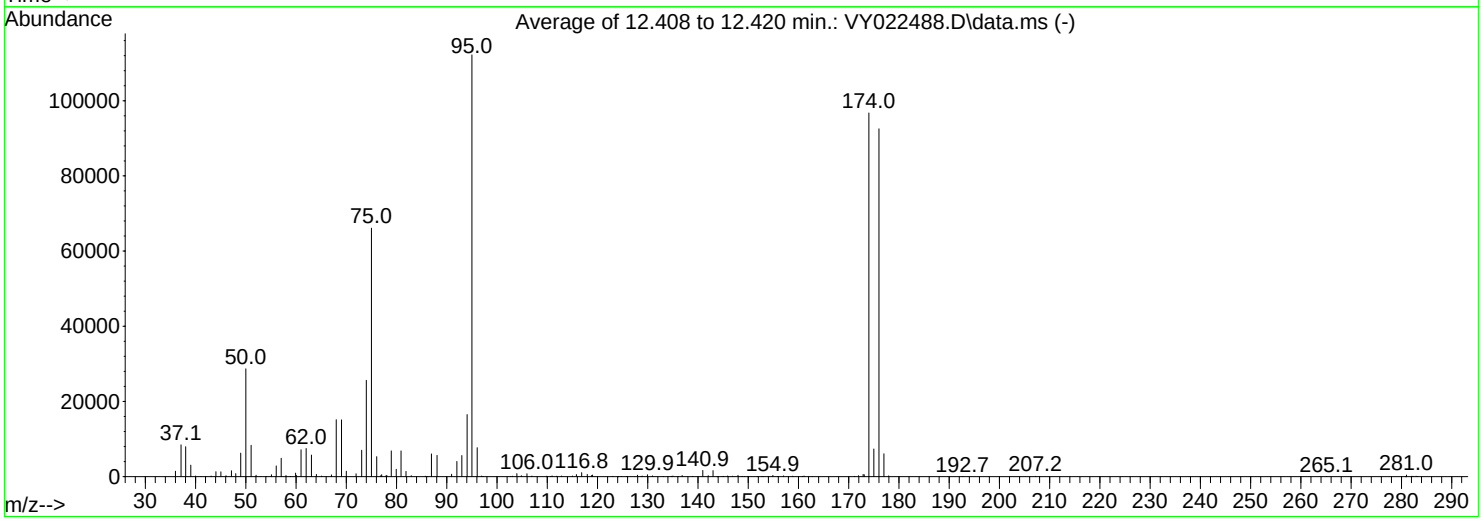
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022488.D
Acq On : 02 Jun 2025 08:31
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 03 03:22:04 2025





AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1745

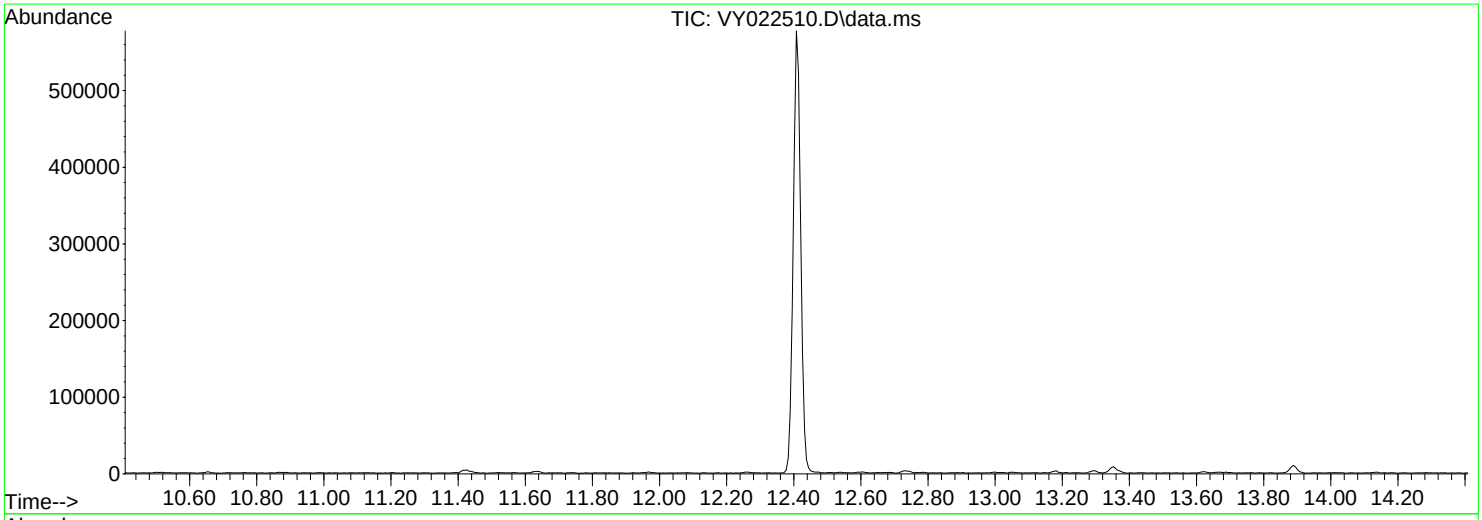
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.6	28688	PASS
75	95	30	60	58.9	66115	PASS
95	95	100	100	100.0	112208	PASS
96	95	5	9	6.9	7706	PASS
173	174	0.00	2	0.6	591	PASS
174	95	50	100	86.2	96760	PASS
175	174	5	9	7.6	7372	PASS
176	174	95	101	95.6	92520	PASS
177	176	5	9	6.6	6076	PASS

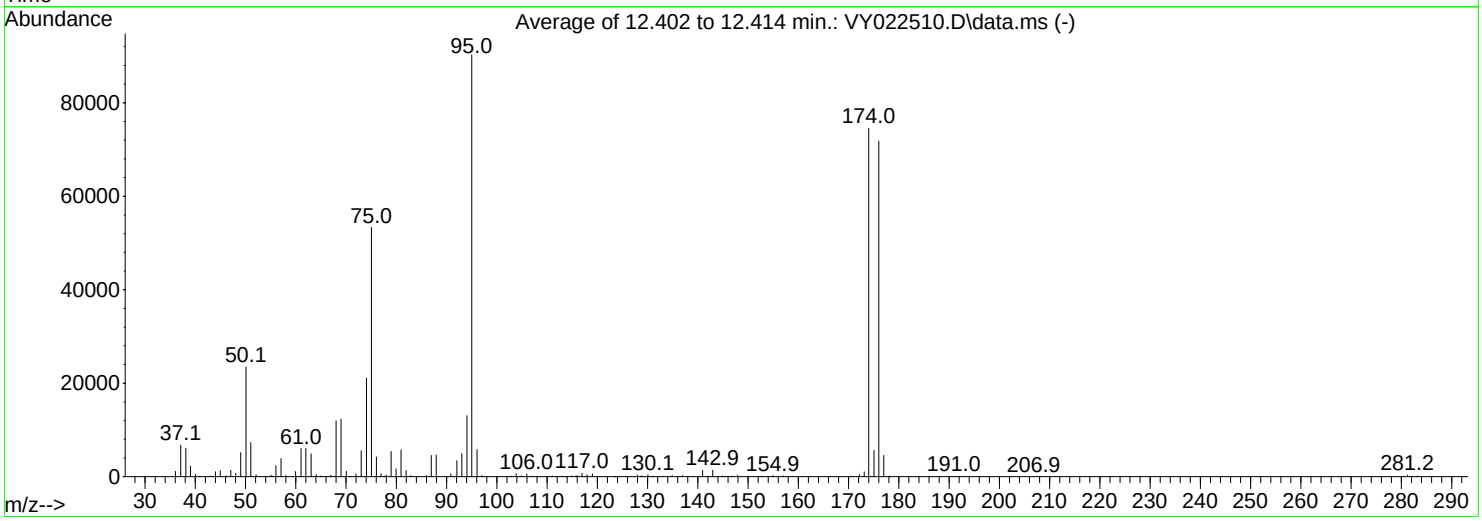
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022510.D
Acq On : 03 Jun 2025 09:03
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Title : SW846 8260
Last Update : Tue Jun 03 03:22:04 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.0	23445	PASS
75	95	30	60	59.1	53331	PASS
95	95	100	100	100.0	90275	PASS
96	95	5	9	6.5	5832	PASS
173	174	0.00	2	1.4	1029	PASS
174	95	50	100	82.6	74597	PASS
175	174	5	9	7.6	5633	PASS
176	174	95	101	96.3	71808	PASS
177	176	5	9	6.3	4541	PASS

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0530WBL01	SDG No.:	Q2162
Lab Sample ID:	VX0530WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046411.D	1		05/30/25 11:06	VX053025

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0530WBL01	SDG No.:	Q2162
Lab Sample ID:	VX0530WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046411.D	1		05/30/25 11:06	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	50.1		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		85 - 114		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	64500	5.55				
540-36-3	1,4-Difluorobenzene	130000	6.757				
3114-55-4	Chlorobenzene-d5	123000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	51200	12.018				

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\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Quant Time: May 30 23:23:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	64533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64990	54.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.040%			
35) Dibromofluoromethane	5.379	113	46982	50.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.647	98	162314	50.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	63110	50.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			

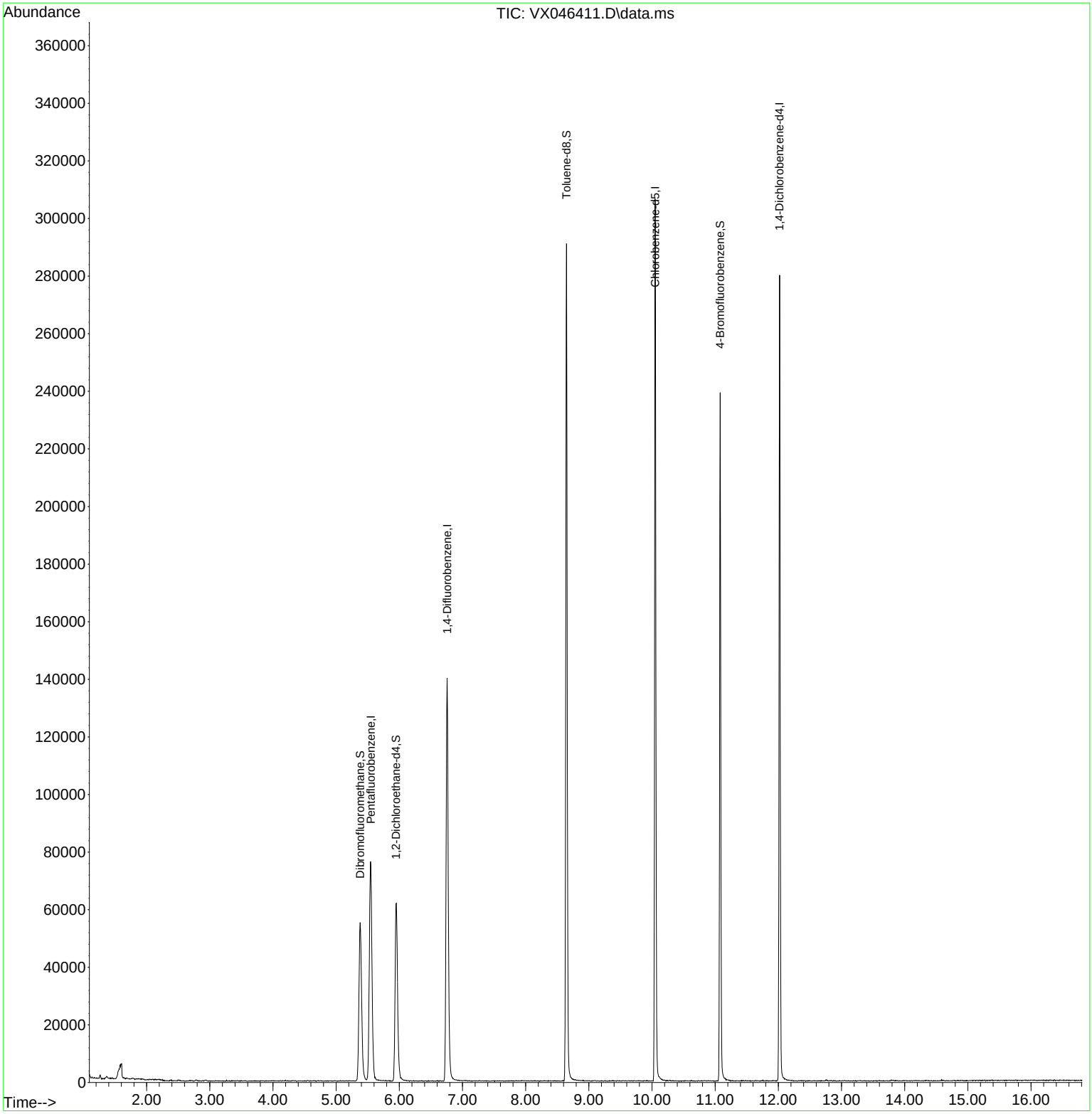
Target Compounds Qvalue

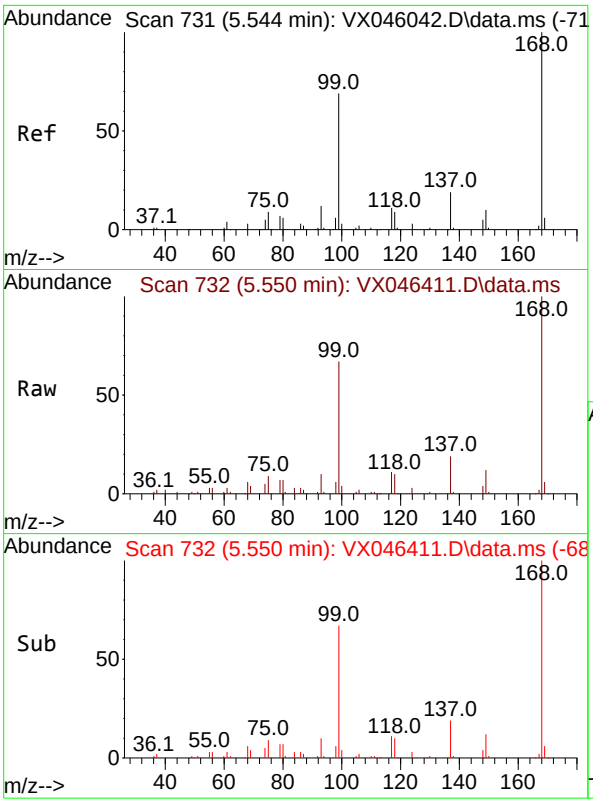
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Quant Time: May 30 23:23:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



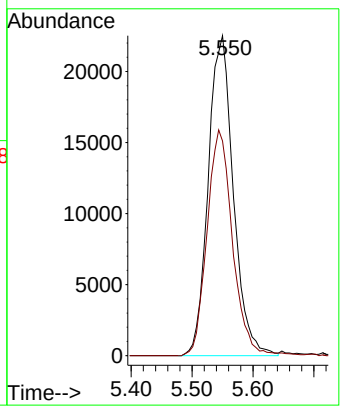


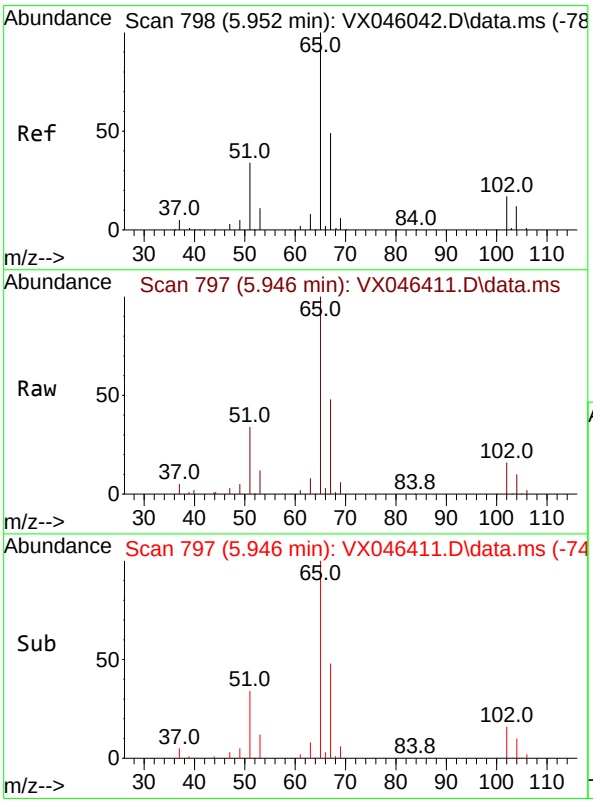
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Tgt Ion:168 Resp: 64533

Ion	Ratio	Lower	Upper
168	100		
99	67.1	54.9	82.3

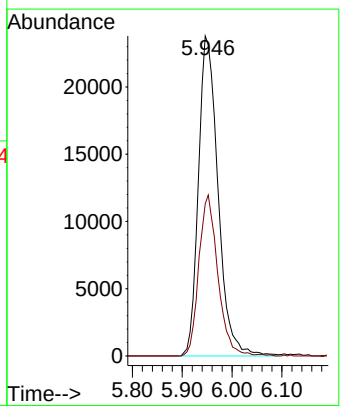


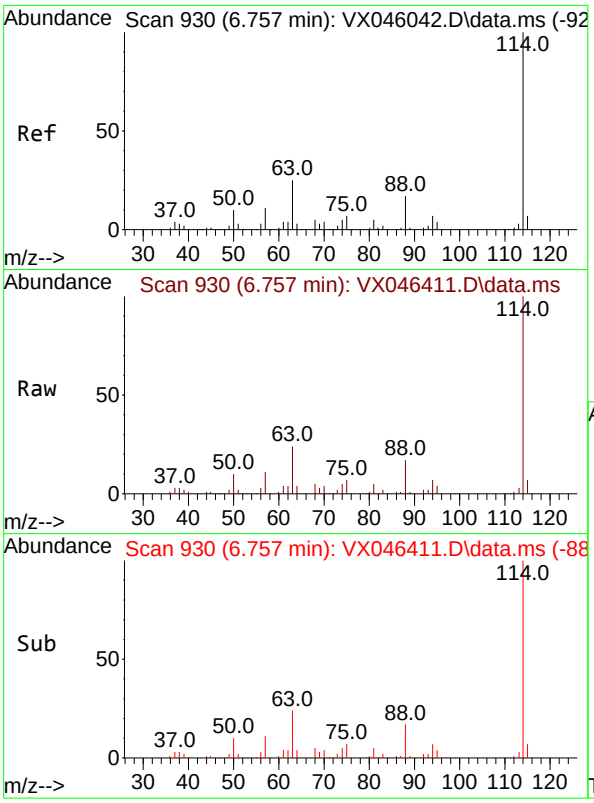


#33
1,2-Dichloroethane-d4
Concen: 54.019 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Tgt Ion: 65 Resp: 64990

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	99.0



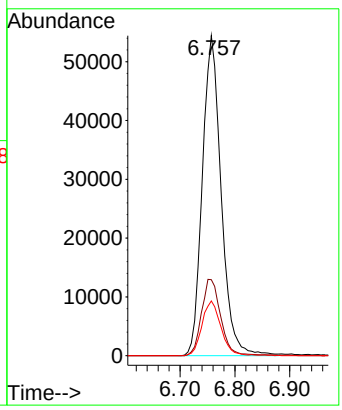


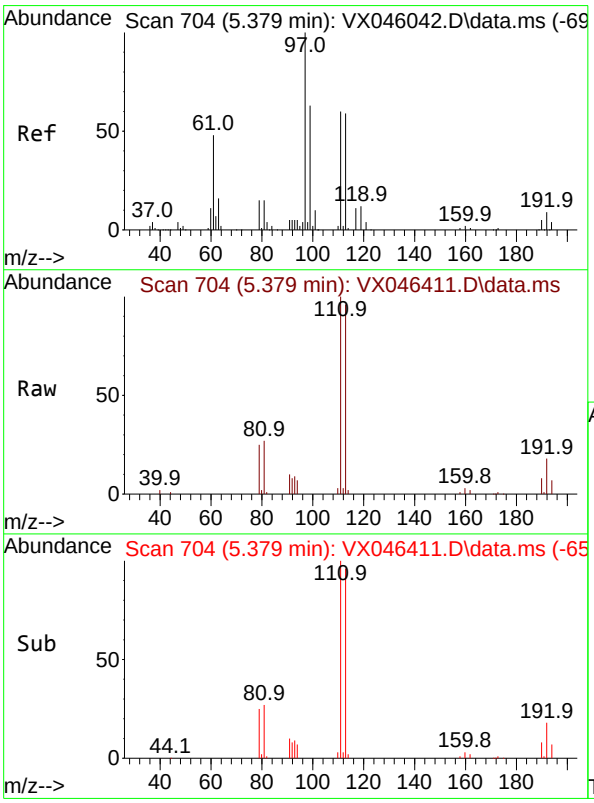
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Tgt Ion:114 Resp: 129905

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	17.1	0.0	33.6

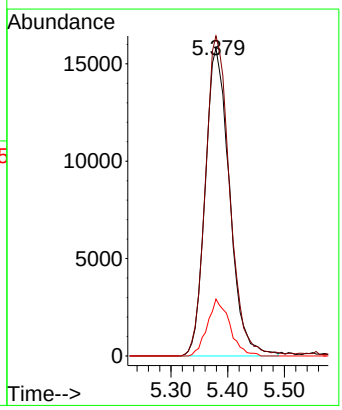


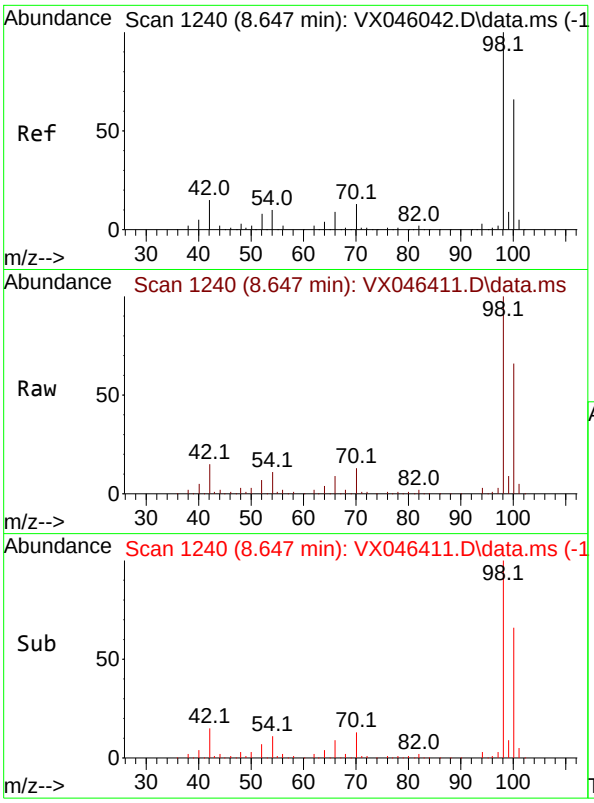


#35
Dibromofluoromethane
Concen: 50.224 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Tgt Ion:113 Resp: 46982

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	17.1	13.3	19.9



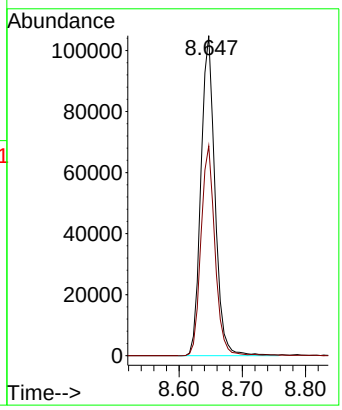


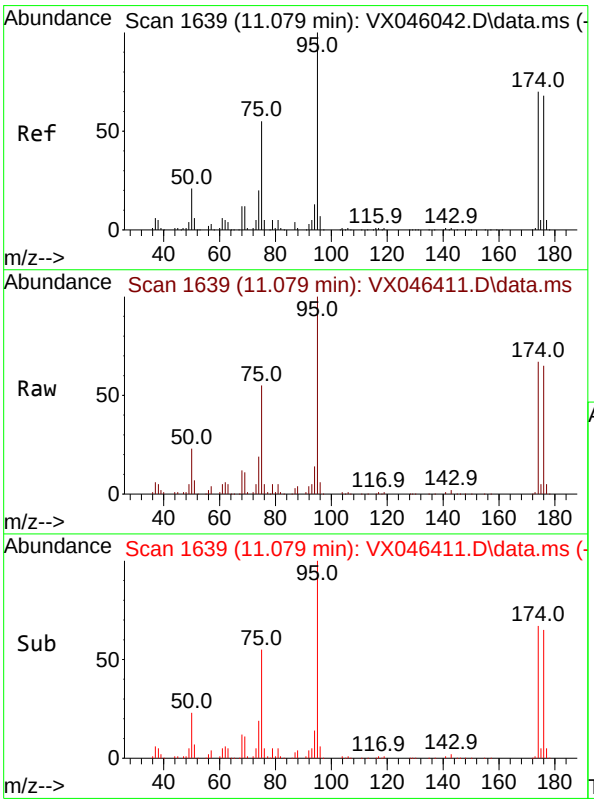
#50
Toluene-d8
Concen: 50.132 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Tgt Ion: 98 Resp: 162314

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3

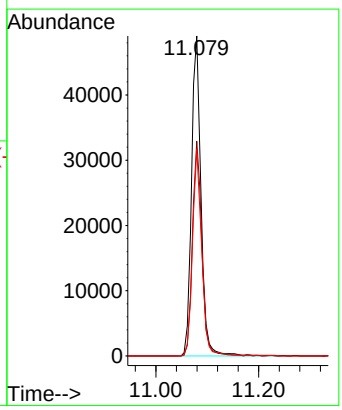


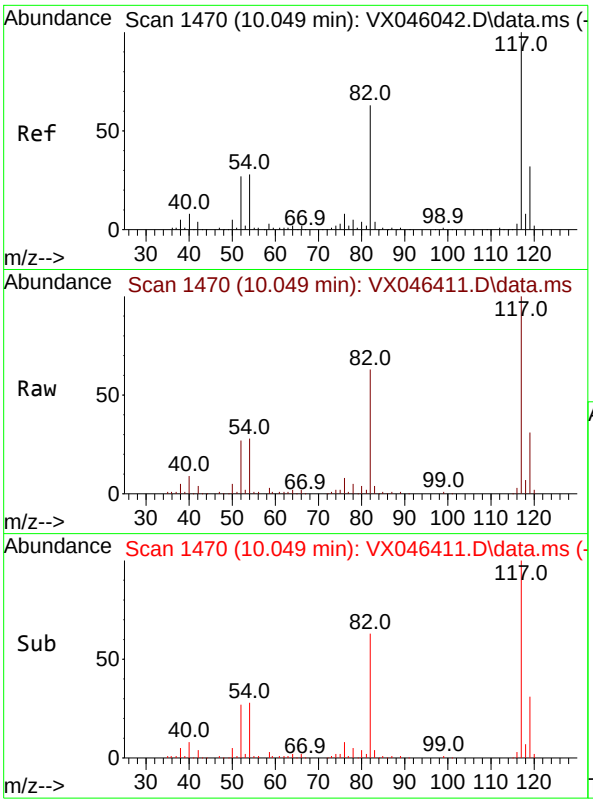


#62
4-Bromofluorobenzene
Concen: 50.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Tgt Ion: 95 Resp: 63110

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	62.3	0.0	131.4



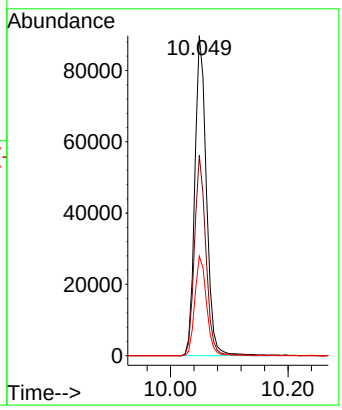


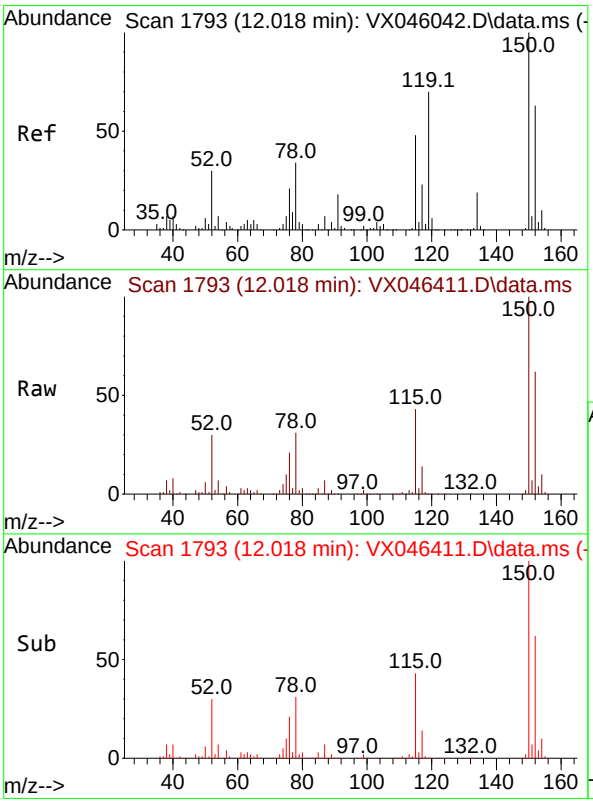
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Tgt Ion:117 Resp: 123011

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	31.1	25.8	38.6

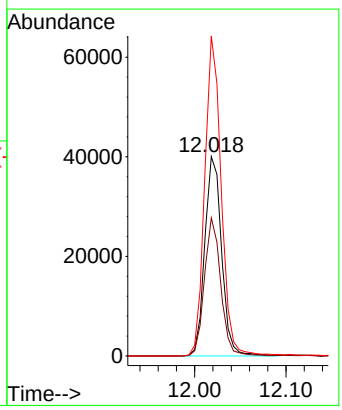




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046411.D
Acq: 30 May 2025 11:06

Tgt Ion:152 Resp: 51208

Ion	Ratio	Lower	Upper
152	100		
115	66.9	46.9	140.7
150	157.0	0.0	351.0



Sample Results: **VX046411.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	70	81	82	rBV2	4821	11438	2.50%	0.473%
2	5.379	692	704	721	rBV2	55016	161239	35.19%	6.669%
3	5.544	721	731	747	rVB2	75925	217821	47.54%	9.010%
4	5.952	788	798	809	rBV2	61777	167467	36.55%	6.927%
5	6.757	921	930	945	rBV	139949	333614	72.81%	13.799%
6	8.647	1233	1240	1251	rBV	290823	458219	100.00%	18.953%
7	10.049	1465	1470	1480	rBV	306348	415897	90.76%	17.202%
8	11.079	1634	1639	1650	rBV	238970	303541	66.24%	12.555%
9	12.018	1788	1793	1806	rBV	279715	348422	76.04%	14.412%

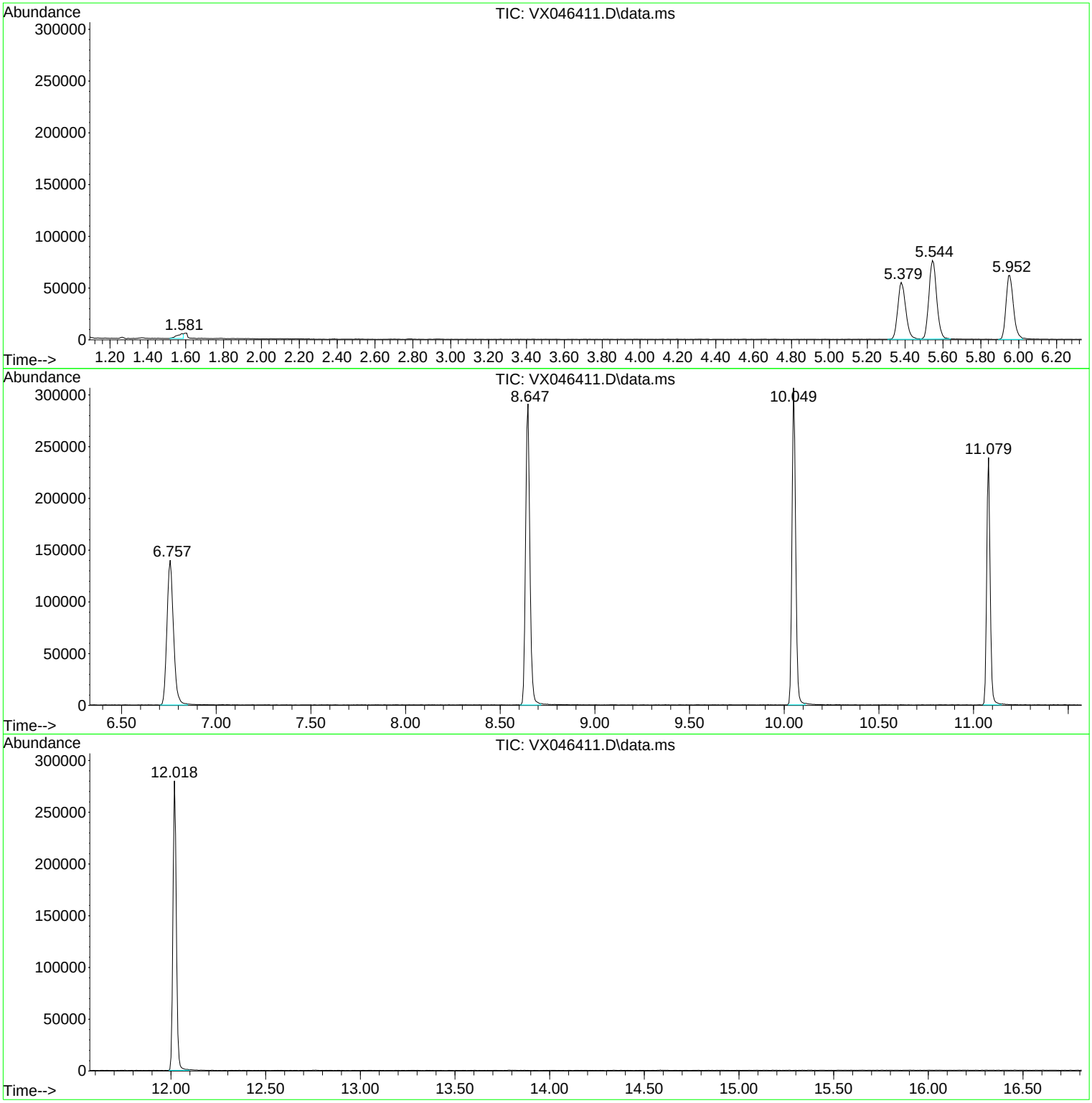
Sum of corrected areas: 2417658

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX053025\
Data File : VX046411.D
Acq On : 30 May 2025 11:06
Operator : JC/MD
Sample : VX0530WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0603SBL01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022512.D	1		06/03/25 10:40	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	4.00	U	1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	2.50	U	1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	4.00	U	1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	20.0	U	4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	4.00	U	1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	8.00	U	3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	20.0	U	6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	2.50	U	0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.70	12.5	25.0	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0603SBL01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022512.D	1		06/03/25 10:40	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	2.50	U	0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	5.00	U	1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	2.50	U	0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	2.50	U	0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	2.50	U	0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.5		71 - 136		107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.9		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.0		79 - 119		84%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	287000	7.713				
540-36-3	1,4-Difluorobenzene	534000	8.616				
3114-55-4	Chlorobenzene-d5	429000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	155000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Quant Time: Jun 04 04:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

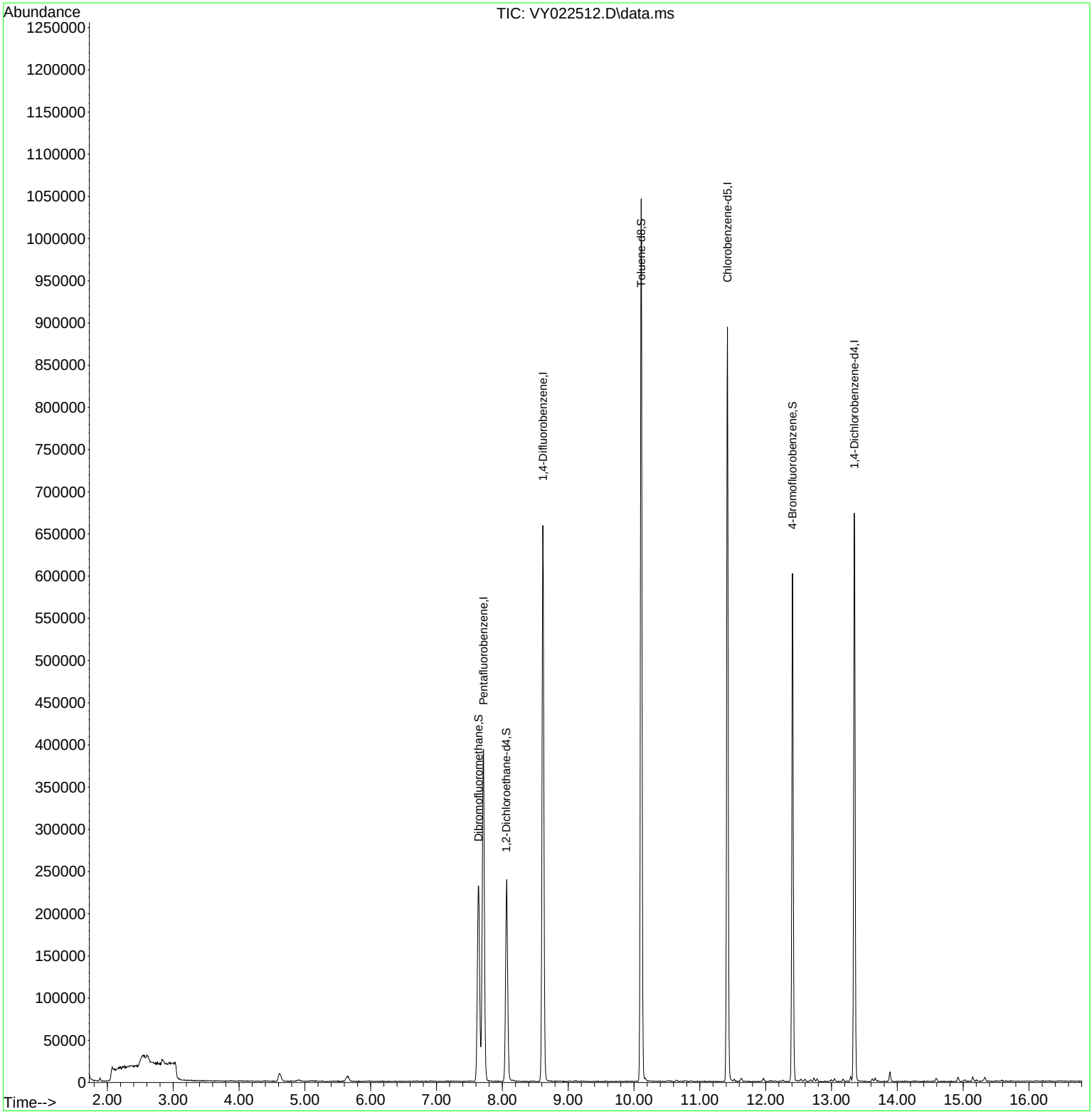
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	287398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	534399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	428748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171949	53.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.980%			
35) Dibromofluoromethane	7.640	113	162497	50.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.880%			
50) Toluene-d8	10.109	98	643614	49.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.408	95	161263	41.994	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.980%			
Target Compounds						Qvalue

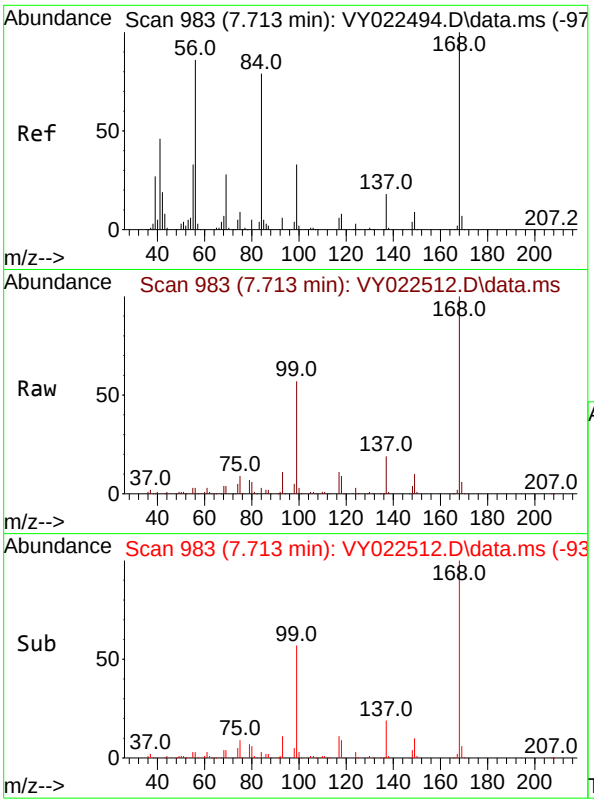
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Quant Time: Jun 04 04:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



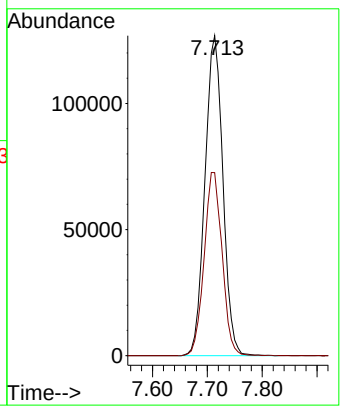


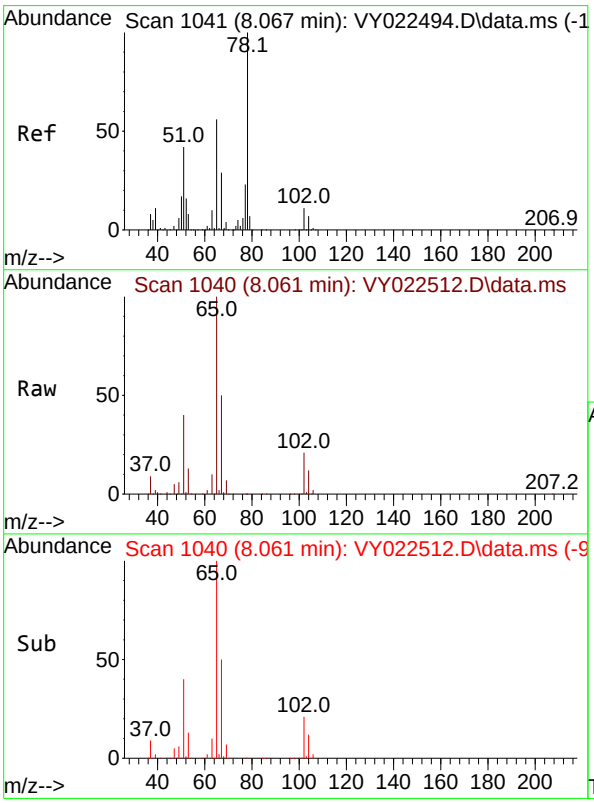
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:168 Resp: 287398

Ion	Ratio	Lower	Upper
168	100		
99	57.2	44.3	66.5

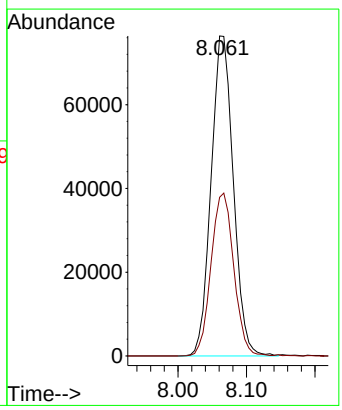


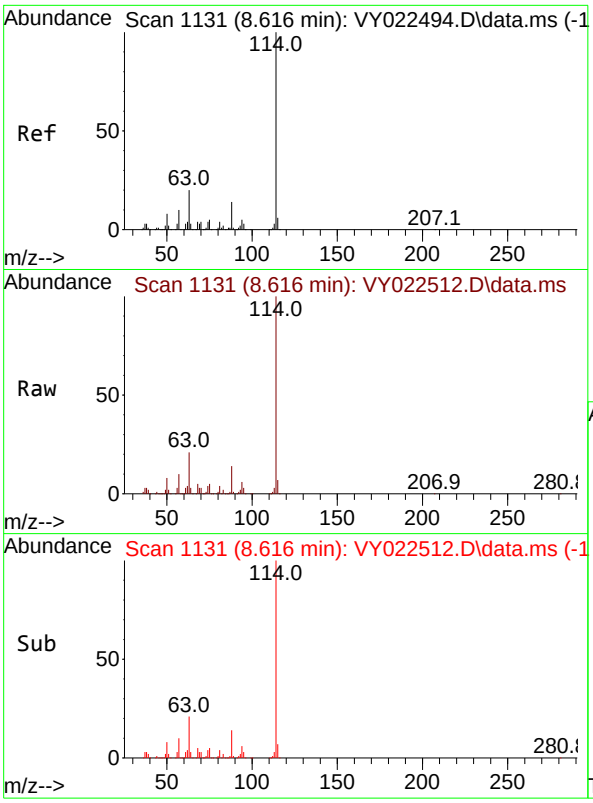


#33
1,2-Dichloroethane-d4
Concen: 53.494 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 65 Resp: 171949

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4



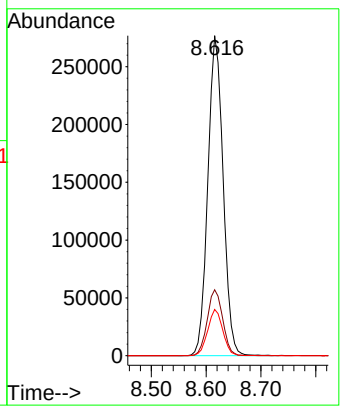


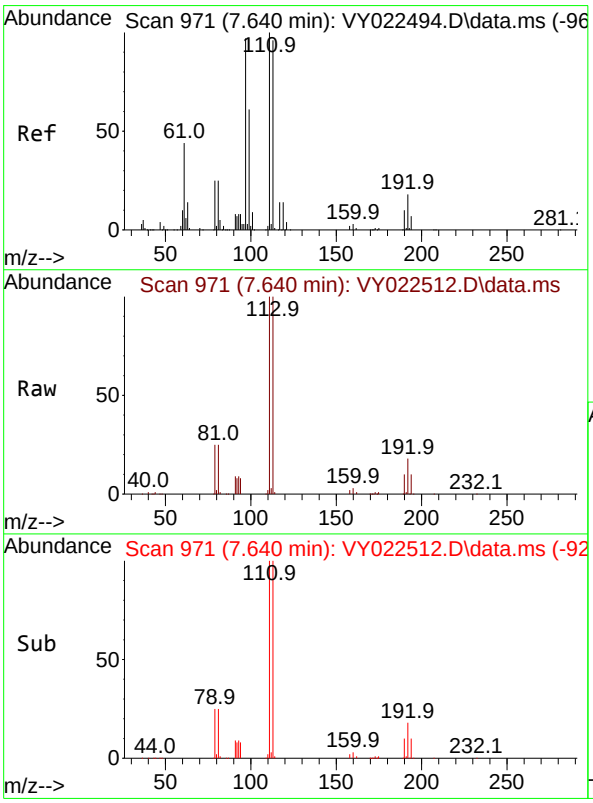
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:114 Resp: 534399

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.4	0.0	27.8

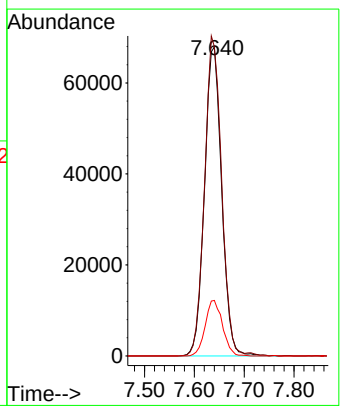


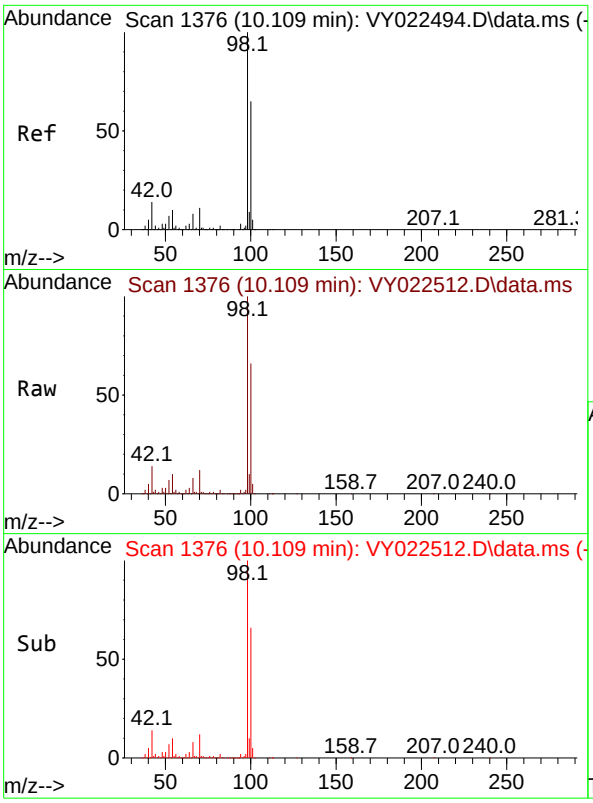


#35
Dibromofluoromethane
Concen: 50.944 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion:113 Resp: 162497

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.1	14.2	21.2



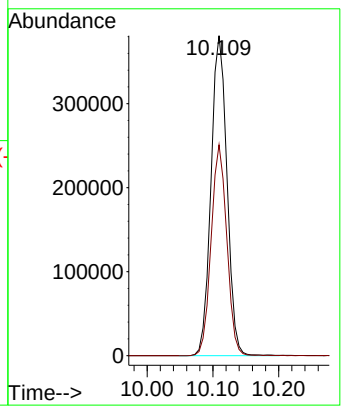


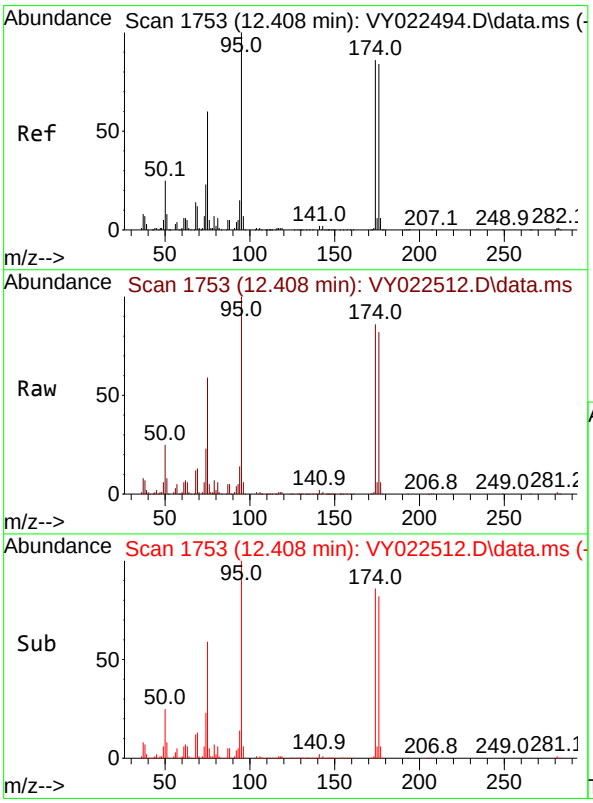
#50
Toluene-d8
Concen: 49.937 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion: 98 Resp: 643614

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

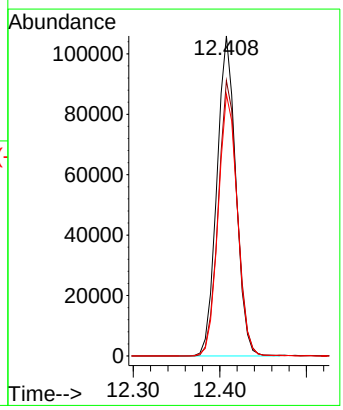


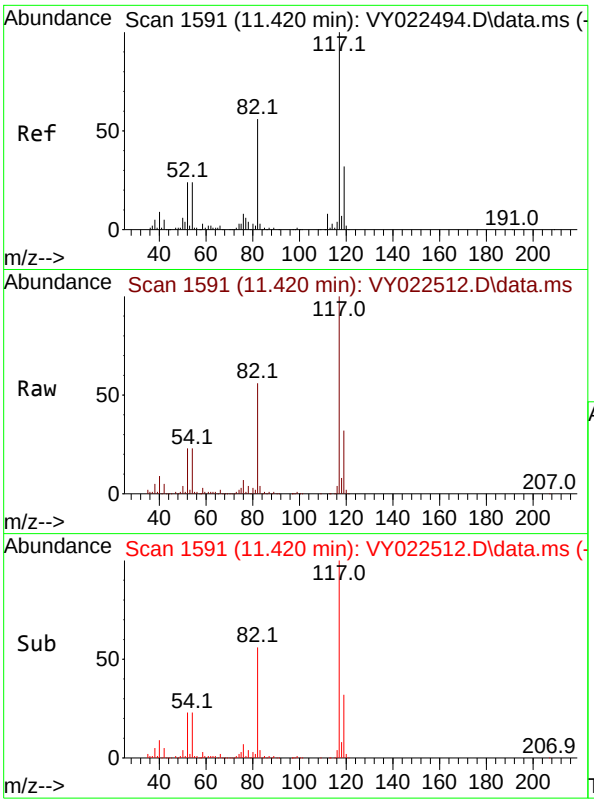


#62
4-Bromofluorobenzene
Concen: 41.994 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 95 Resp: 161263

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	170.0
176	82.5	0.0	166.2



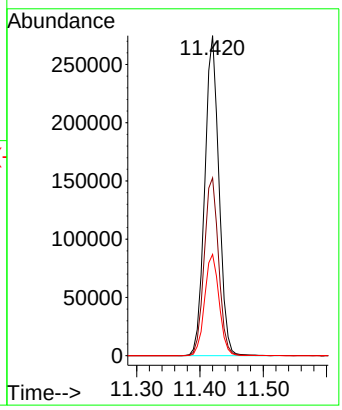


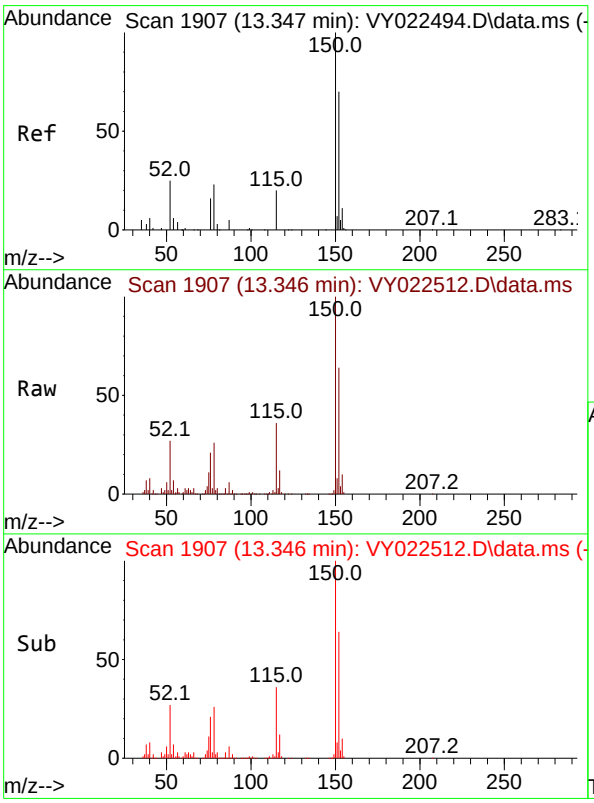
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:117 Resp: 428748

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	31.6	25.4	38.0

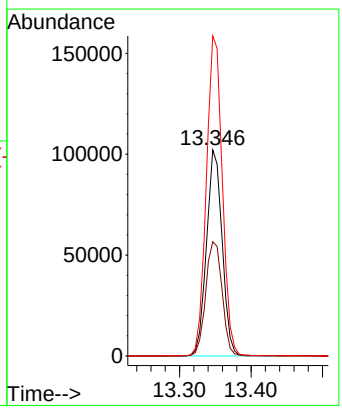




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion:152 Resp: 155262

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	158.0	0.0	349.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

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

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

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

Signal : TIC: VY022512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	51	58	61	rBV4	16308	35746	2.03%	0.419%
2	2.525	124	132	134	rBV6	11508	28540	1.62%	0.335%
3	4.616	465	475	487	rBV5	9205	28836	1.64%	0.338%
4	5.647	635	644	656	rVB5	6196	19866	1.13%	0.233%
5	7.634	960	970	976	rBV	231701	558773	31.74%	6.557%
6	7.713	976	983	993	rVB	392129	893359	50.75%	10.483%
7	8.067	1030	1041	1053	rBV	239523	514607	29.23%	6.039%
8	8.616	1122	1131	1143	rBV	658828	1278696	72.63%	15.005%
9	10.109	1367	1376	1385	rBV	1045962	1760453	100.00%	20.658%
10	11.420	1583	1591	1603	rBV	894137	1423227	80.84%	16.700%
11	12.408	1741	1753	1760	rBV	602384	930697	52.87%	10.921%
12	13.346	1901	1907	1916	rVB	672428	1031179	58.57%	12.100%
13	13.889	1990	1996	2003	rBV	11170	18100	1.03%	0.212%

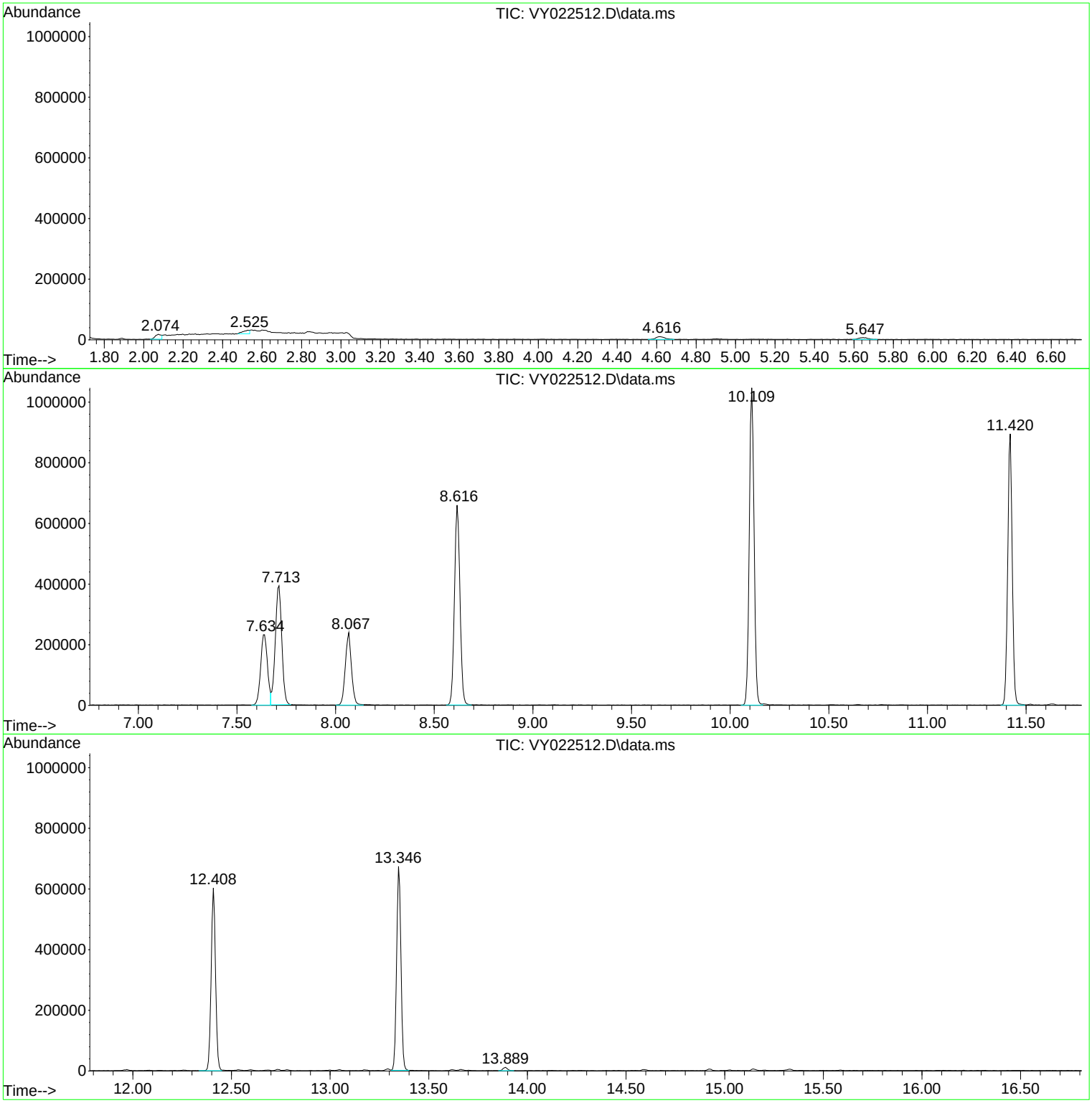
Sum of corrected areas: 8522079

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

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

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

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

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

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

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:	VX0530WBS01	SDG No.:	Q2162
Lab Sample ID:	VX0530WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046412.D	1		05/30/25 11:29	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	16.7		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	16.5		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	17.1		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	18.3		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.0		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	0.75	1.00	ug/L
67-64-1	Acetone	110		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	14.2		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	110		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	0.50	1.00	ug/L
71-43-2	Benzene	19.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.6		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	20.1		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	2.50	5.00	ug/L
108-88-3	Toluene	19.2		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX0530WBS01	SDG No.:	Q2162
Lab Sample ID:	VX0530WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046412.D	1		05/30/25 11:29	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	20.8		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	19.1		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	0.50	1.00	ug/L
100-42-5	Styrene	19.8		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	19.6		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	19.8		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.9		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.9		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	47.8		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	86600	5.549				
540-36-3	1,4-Difluorobenzene	153000	6.756				
3114-55-4	Chlorobenzene-d5	135000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	64100	12.018				

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\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	86619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	153415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80579	49.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.800%			
35) Dibromofluoromethane	5.379	113	55654	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.646	98	182778	47.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.600%			
62) 4-Bromofluorobenzene	11.079	95	72518	49.443	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22046	16.629	ug/l	94
3) Chloromethane	1.306	50	21447	16.682	ug/l	94
4) Vinyl Chloride	1.373	62	19698	16.462	ug/l	97
5) Bromomethane	1.599	94	9497	17.112	ug/l	98
6) Chloroethane	1.672	64	11661	18.255	ug/l	95
7) Trichlorofluoromethane	1.879	101	32574	18.420	ug/l	99
8) Diethyl Ether	2.135	74	10810	17.957	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	20795	19.002	ug/l	98
10) Methyl Iodide	2.446	142	22001	16.990	ug/l	100
11) Tert butyl alcohol	2.971	59	24227	106.879	ug/l	99
12) 1,1-Dichloroethene	2.312	96	18348	17.864	ug/l	98
13) Acrolein	2.233	56	16928	65.574	ug/l	98
14) Allyl chloride	2.660	41	38498	19.612	ug/l	95
15) Acrylonitrile	3.062	53	68823	106.181	ug/l	98
16) Acetone	2.379	43	68128	105.220	ug/l	100
17) Carbon Disulfide	2.507	76	34583	14.202	ug/l	96
18) Methyl Acetate	2.702	43	39508	26.295	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	71509	19.859	ug/l	98
20) Methylene Chloride	2.788	84	22533	18.160	ug/l	93
21) trans-1,2-Dichloroethene	3.086	96	18558	17.967	ug/l	98
22) Diisopropyl ether	3.763	45	77266	20.378	ug/l	93
23) Vinyl Acetate	3.720	43	320325	96.051	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41445	19.625	ug/l	99
25) 2-Butanone	4.556	43	102333	108.864	ug/l	100
26) 2,2-Dichloropropane	4.464	77	30832	18.652	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	23968	19.276	ug/l	99
28) Bromochloromethane	4.897	49	21089	20.745	ug/l	98
29) Tetrahydrofuran	5.001	42	62399	105.935	ug/l	99
30) Chloroform	5.086	83	45096	20.486	ug/l	93
31) Cyclohexane	5.464	56	33070	17.184	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37073	19.429	ug/l	98
36) 1,1-Dichloropropene	5.684	75	26188	17.643	ug/l	98
37) Ethyl Acetate	4.720	43	35095	19.137	ug/l	99
38) Carbon Tetrachloride	5.671	117	31244	18.734	ug/l	97
39) Methylcyclohexane	7.378	83	32348	16.928	ug/l	98
40) Benzene	6.031	78	84048	19.331	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	20721	21.599	ug/l		98
42) 1,2-Dichloroethane	6.086	62	37398	19.930	ug/l		100
43) Isopropyl Acetate	6.342	43	56552	20.214	ug/l		98
44) Trichloroethene	7.122	130	19629	18.758	ug/l		100
45) 1,2-Dichloropropane	7.427	63	22287	20.615	ug/l		97
46) Dibromomethane	7.580	93	16946	19.874	ug/l		98
47) Bromodichloromethane	7.817	83	33719	20.078	ug/l		97
48) Methyl methacrylate	7.695	41	28679	20.072	ug/l		97
49) 1,4-Dioxane	7.659	88	12612	464.881	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	200919	108.190	ug/l		99
52) Toluene	8.713	92	51245	19.222	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	27848	18.656	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	31975	19.381	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	21705	20.648	ug/l		94
56) Ethyl methacrylate	9.116	69	34157	20.387	ug/l		99
57) 1,3-Dichloropropane	9.305	76	37433	19.828	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	94881	111.083	ug/l		98
59) 2-Hexanone	9.427	43	150933	109.854	ug/l		99
60) Dibromochloromethane	9.518	129	23960	20.754	ug/l		97
61) 1,2-Dibromoethane	9.604	107	21935	20.076	ug/l		99
64) Tetrachloroethene	9.268	164	17515	18.359	ug/l		95
65) Chlorobenzene	10.073	112	56306	19.079	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	20489	20.331	ug/l		99
67) Ethyl Benzene	10.189	91	101092	19.432	ug/l		100
68) m/p-Xylenes	10.299	106	72256	37.976	ug/l		97
69) o-Xylene	10.640	106	36463	19.657	ug/l		97
70) Styrene	10.652	104	60271	19.835	ug/l		97
71) Bromoform	10.798	173	14805	19.568	ug/l	#	98
73) Isopropylbenzene	10.957	105	98609	19.754	ug/l		99
74) N-amyl acetate	10.841	43	48523	19.671	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34441	19.688	ug/l		97
76) 1,2,3-Trichloropropane	11.237	75	31277m	20.265	ug/l		
77) Bromobenzene	11.195	156	22245	19.194	ug/l		98
78) n-propylbenzene	11.298	91	111193	19.157	ug/l		100
79) 2-Chlorotoluene	11.359	91	71240	19.029	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	82619	19.811	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8673	18.295	ug/l		98
82) 4-Chlorotoluene	11.451	91	79525	19.154	ug/l		98
83) tert-Butylbenzene	11.713	119	81221	19.335	ug/l		99
84) 1,2,4-Trimethylbenzene	11.749	105	82870	19.622	ug/l		99
85) sec-Butylbenzene	11.890	105	100632	19.510	ug/l		100
86) p-Isopropyltoluene	12.006	119	82888	19.469	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	40311	19.059	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	40286	18.650	ug/l		97
89) n-Butylbenzene	12.329	91	70173	18.790	ug/l		99
90) Hexachloroethane	12.536	117	14438	19.249	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	42227	19.895	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7914	20.421	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22315	18.305	ug/l		98
94) Hexachlorobutadiene	13.725	225	9922	18.636	ug/l		96
95) Naphthalene	13.774	128	83733	18.727	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	23105	18.368	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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

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

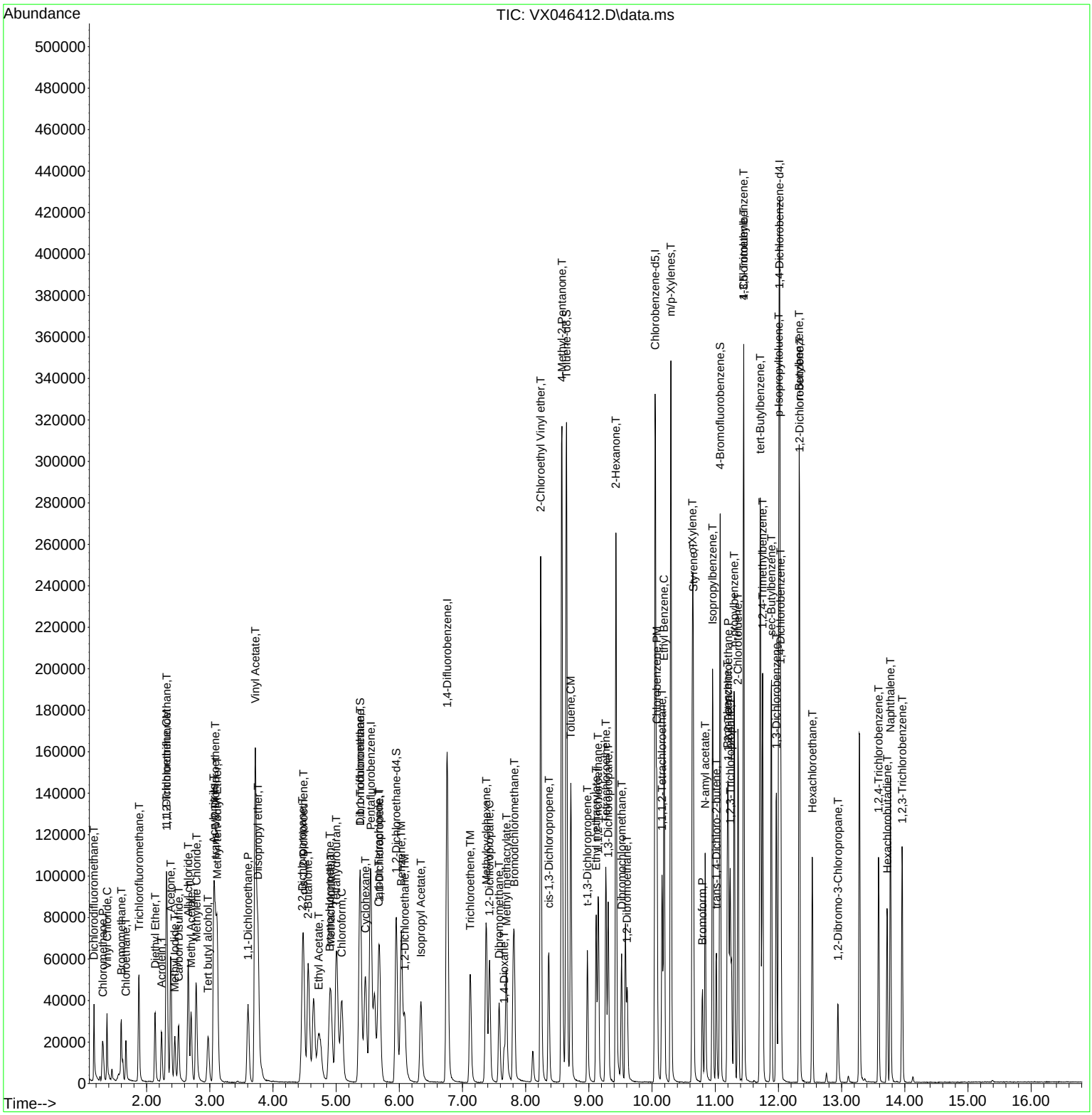
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Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

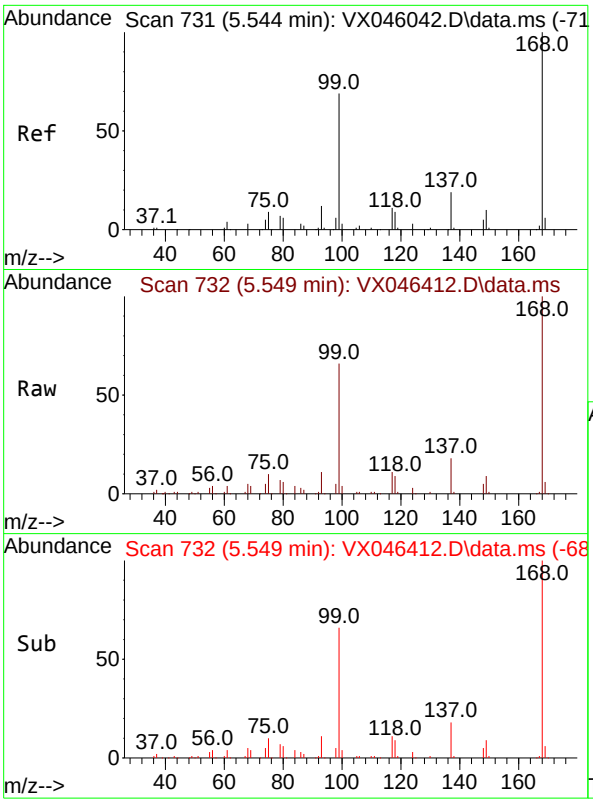
Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

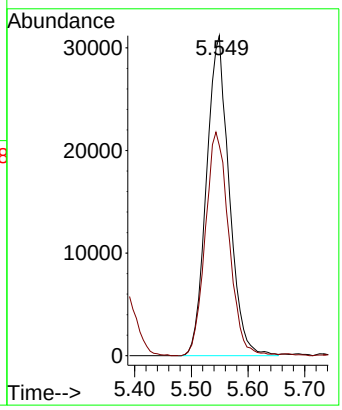




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:168 Resp: 8661

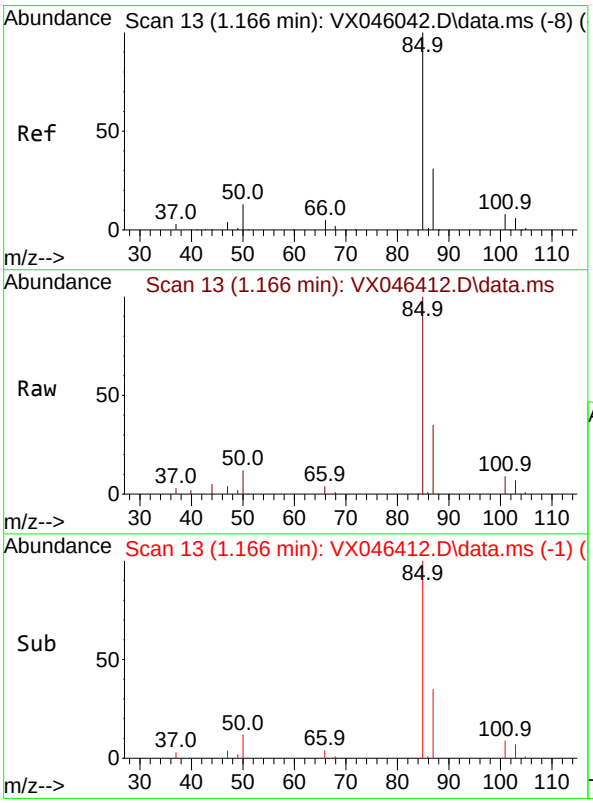
Ion	Ratio	Lower	Upper
168	100		
99	65.7	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

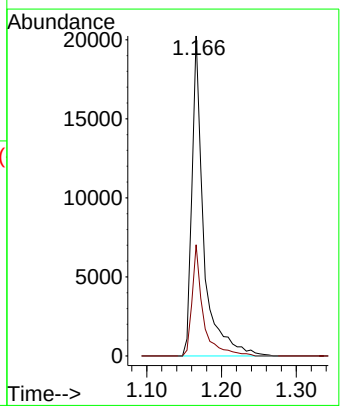
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

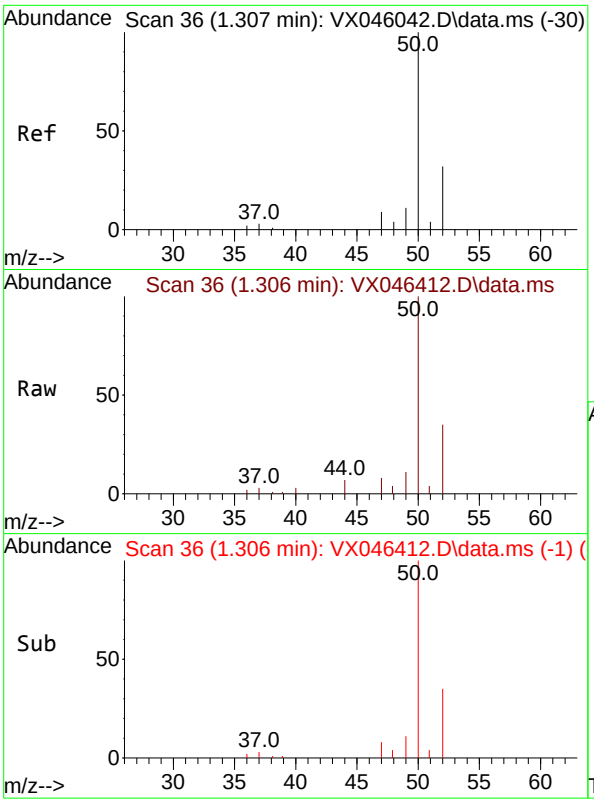


#2
Dichlorodifluoromethane
Concen: 16.629 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 85 Resp: 22046

Ion	Ratio	Lower	Upper
85	100		
87	34.7	15.7	47.1

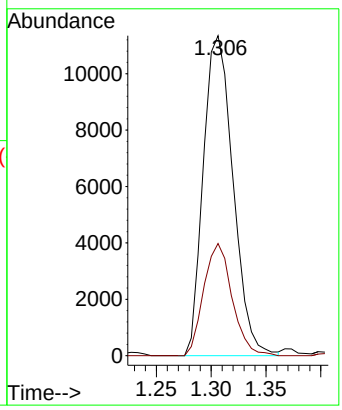




#3
Chloromethane
Concen: 16.682 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 50 Resp: 2144

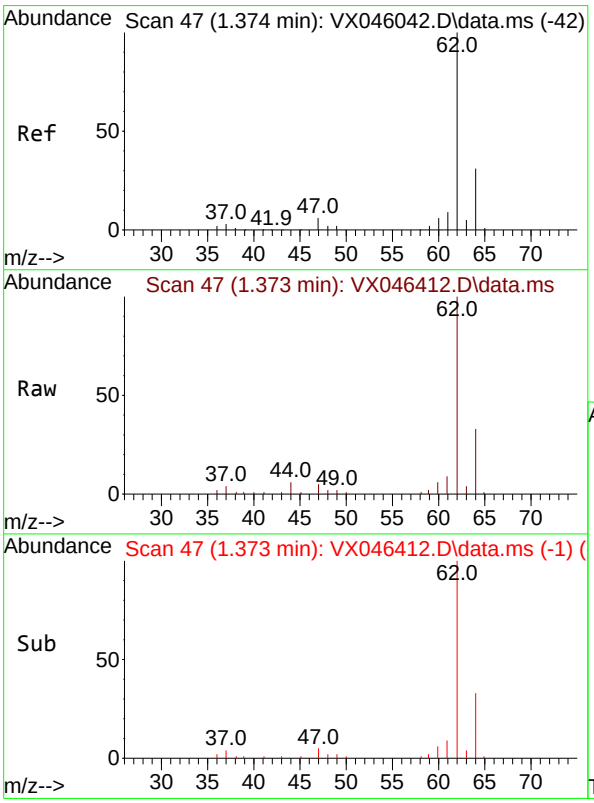
Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

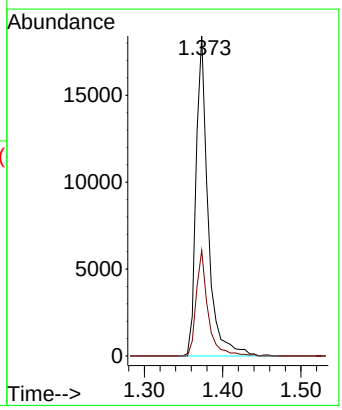
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

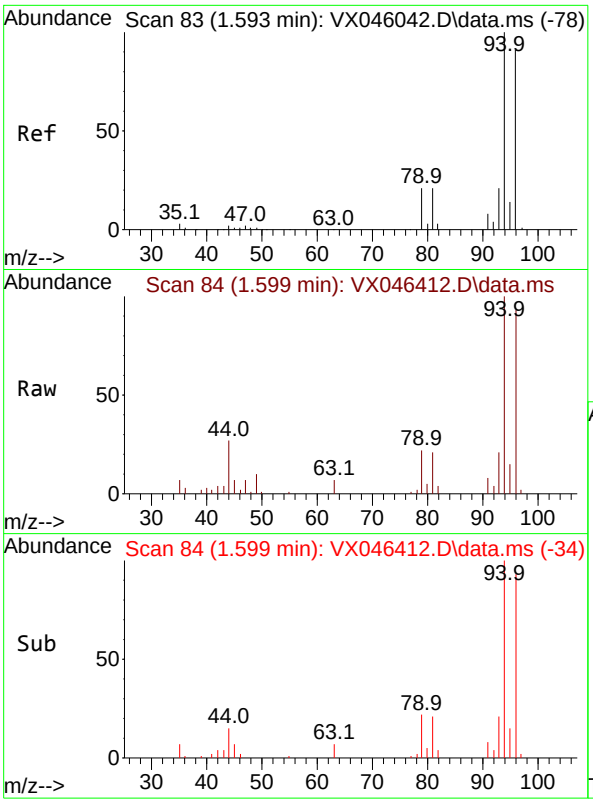


#4
Vinyl Chloride
Concen: 16.462 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 62 Resp: 19698

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.2	37.8

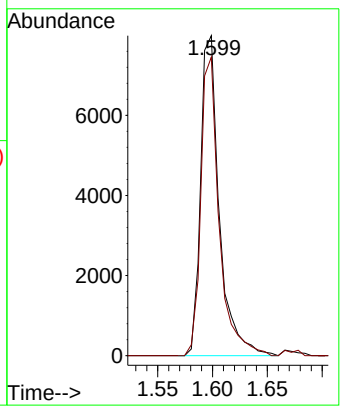




#5
Bromomethane
Concen: 17.112 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 94 Resp: 949

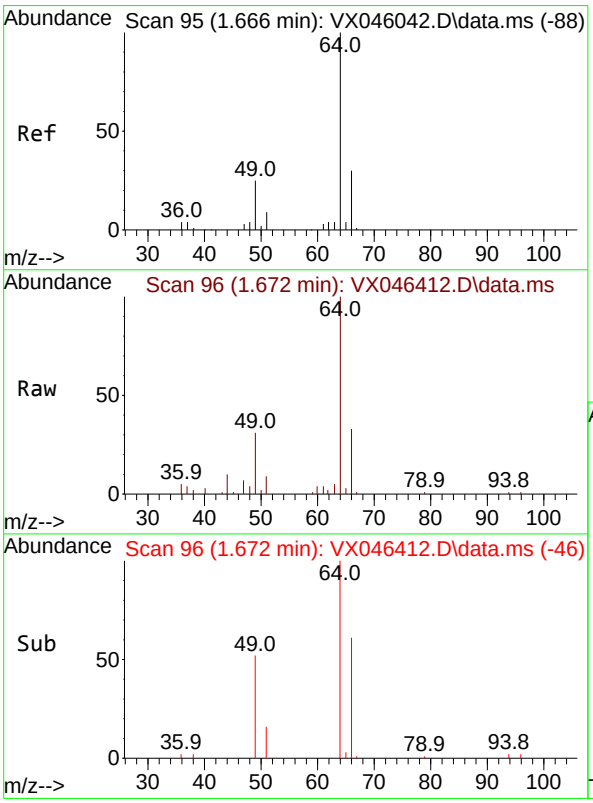
Ion	Ratio	Lower	Upper
94	100		
96	93.3	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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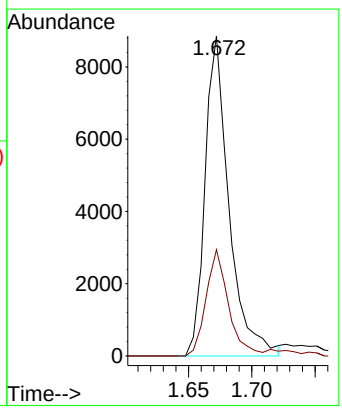
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

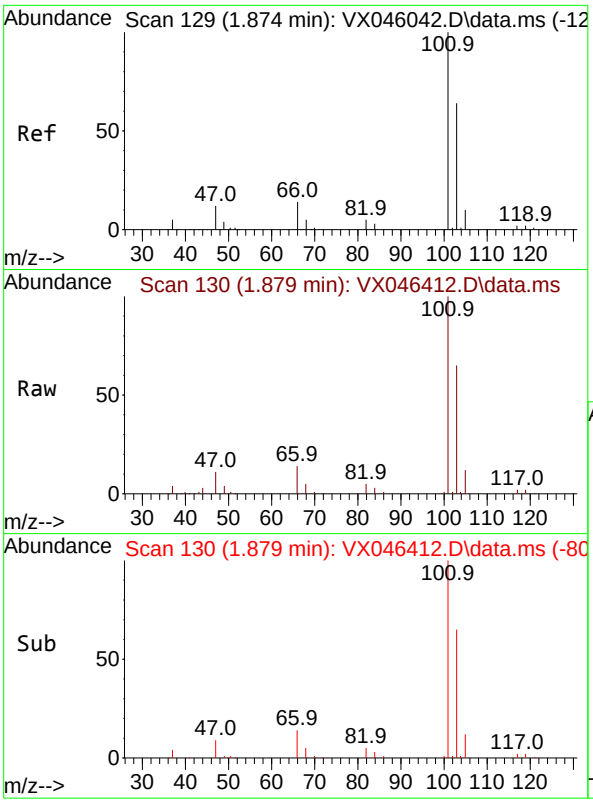


#6
Chloroethane
Concen: 18.255 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 64 Resp: 11661

Ion	Ratio	Lower	Upper
64	100		
66	33.2	24.3	36.5

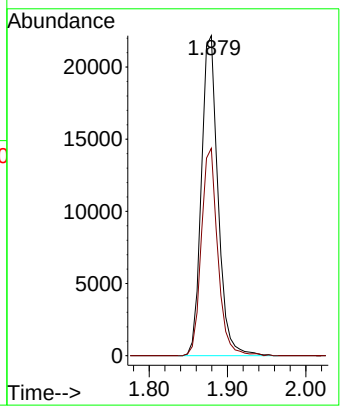




#7
Trichlorofluoromethane
Concen: 18.420 ug/l
RT: 1.879 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:101 Resp: 3257

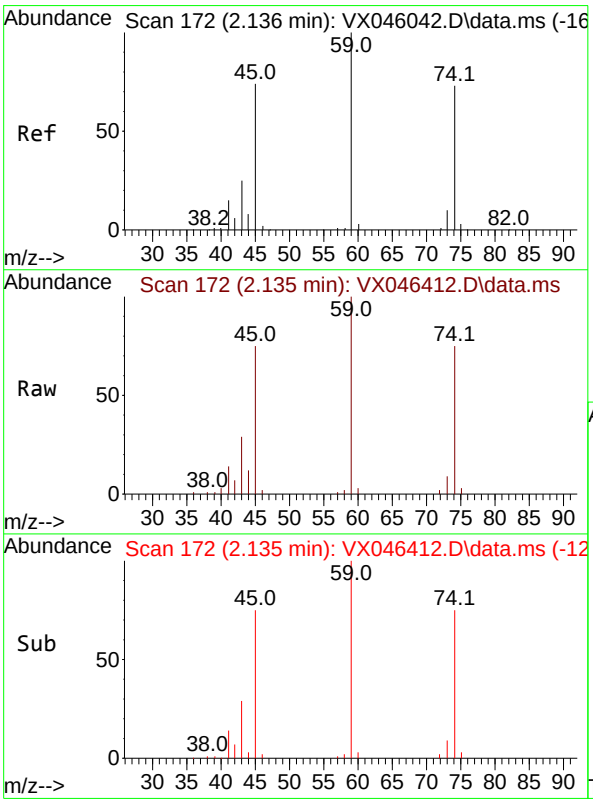
Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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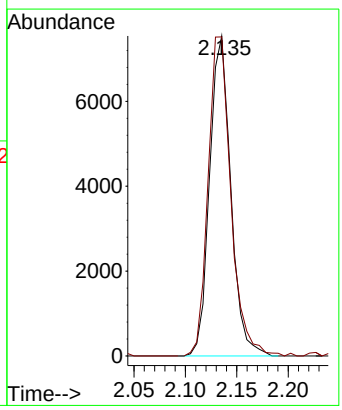
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

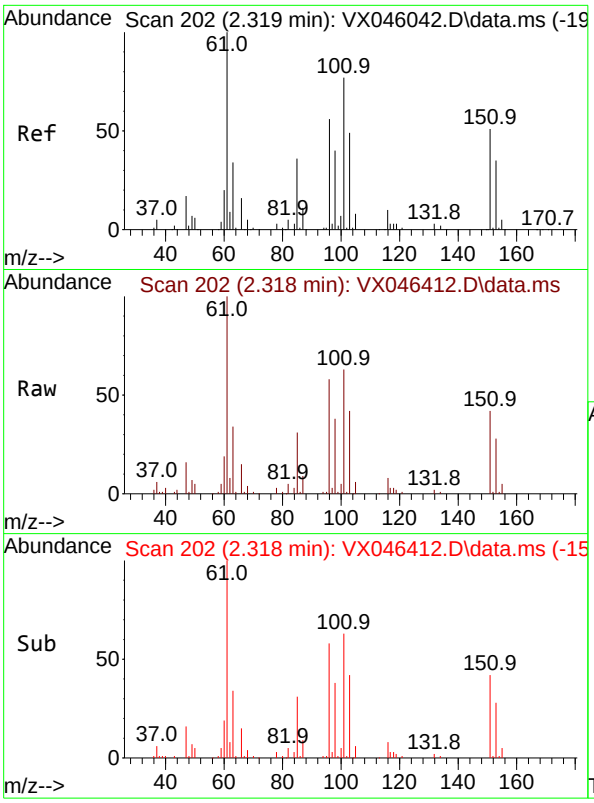


#8
Diethyl Ether
Concen: 17.957 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 74 Resp: 10810

Ion	Ratio	Lower	Upper
74	100		
45	107.4	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.002 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

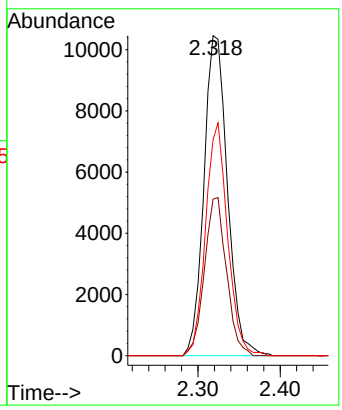
Tgt Ion:101 Resp: 2079

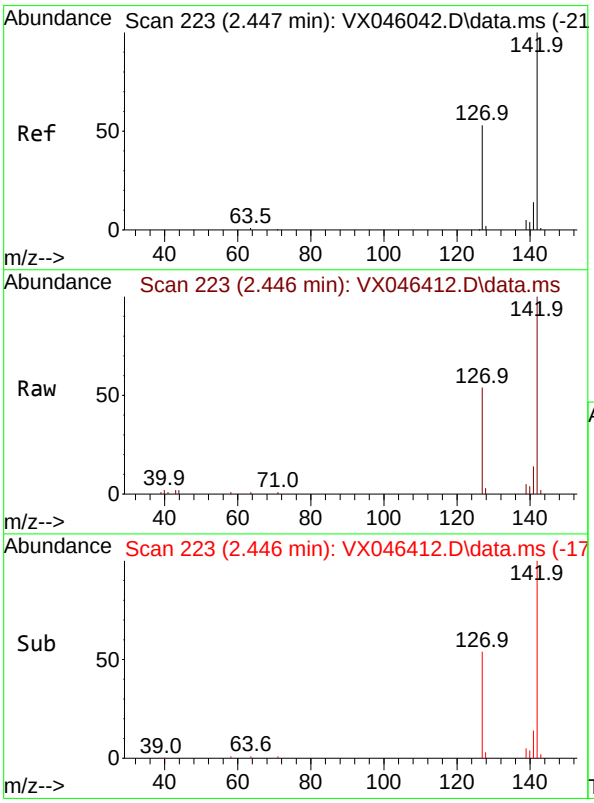
Ion	Ratio	Lower	Upper
101	100		
85	46.4	38.6	58.0
151	68.0	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

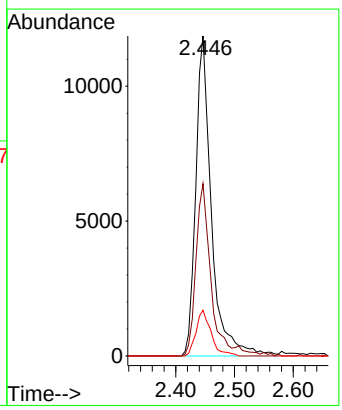


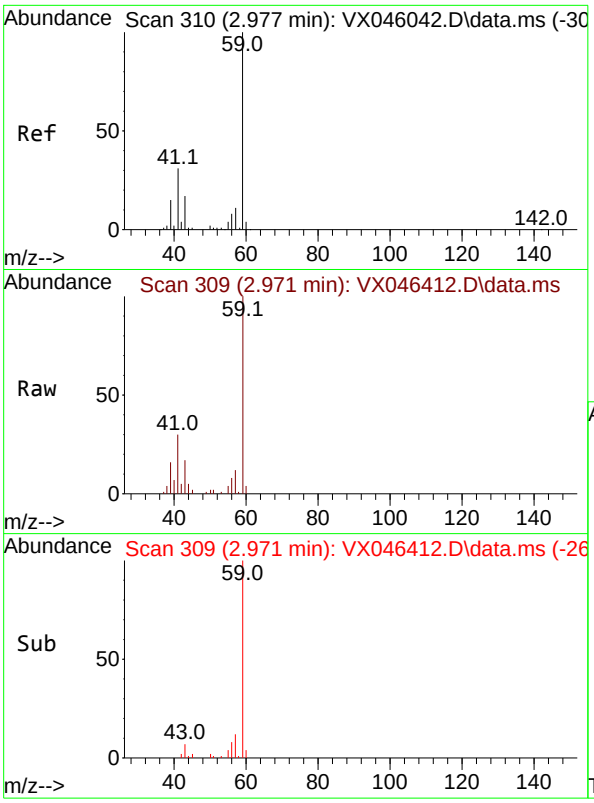


#10
Methyl Iodide
Concen: 16.990 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:142 Resp: 22001

Ion	Ratio	Lower	Upper
142	100		
127	52.2	41.7	62.5
141	13.8	11.5	17.3





#11
Tert butyl alcohol
Concen: 106.879 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

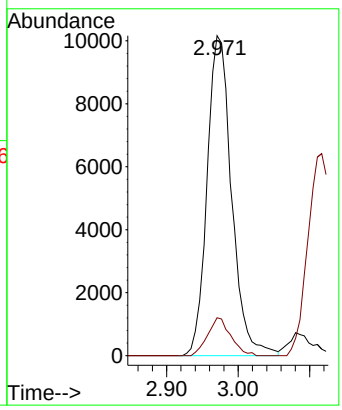
Tgt Ion: 59 Resp: 2422

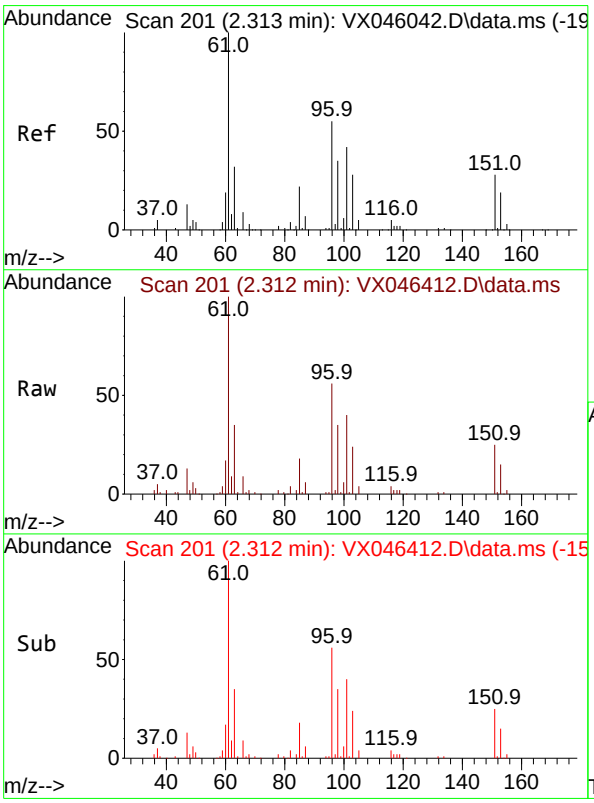
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

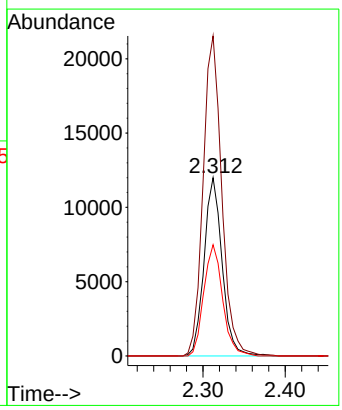


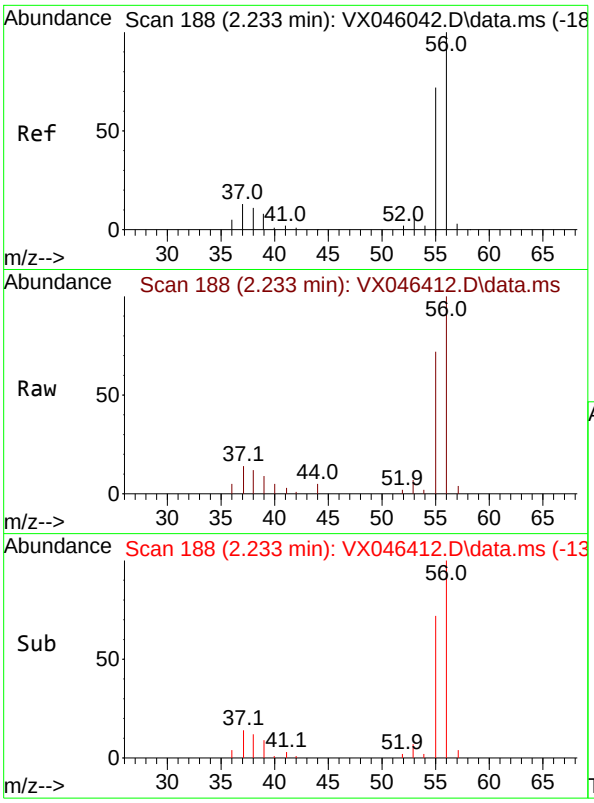


#12
1,1-Dichloroethene
Concen: 17.864 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 96 Resp: 18348

Ion	Ratio	Lower	Upper
96	100		
61	179.6	146.2	219.2
98	62.4	51.0	76.6

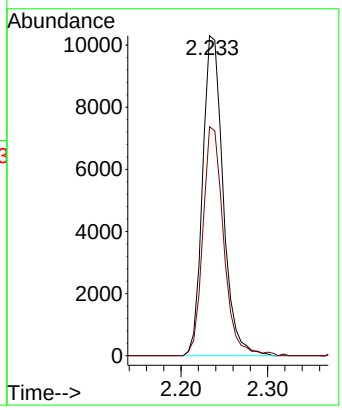




#13
Acrolein
Concen: 65.574 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 56 Resp: 1692

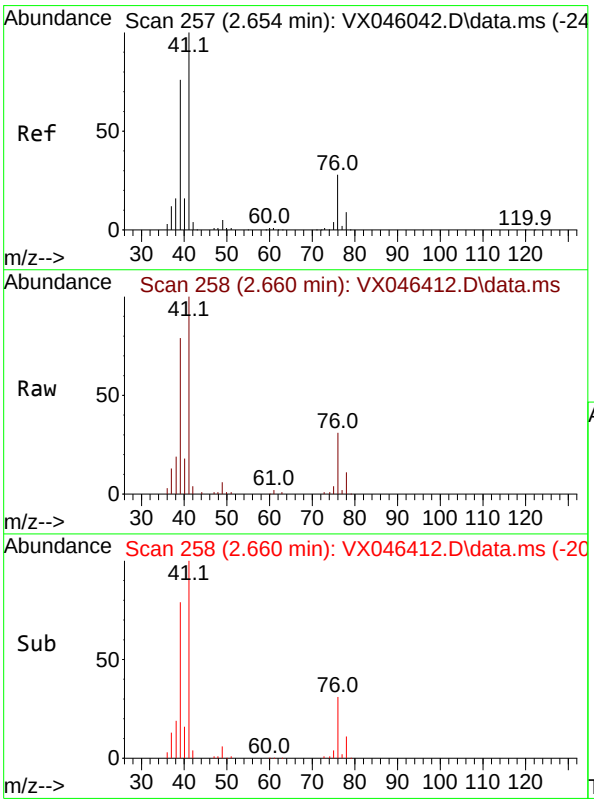
Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

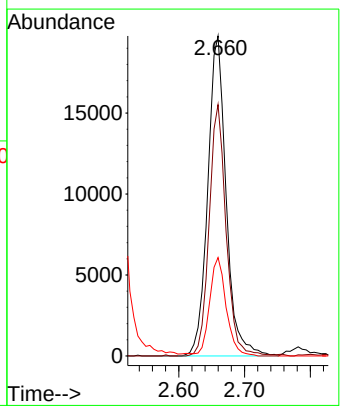
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

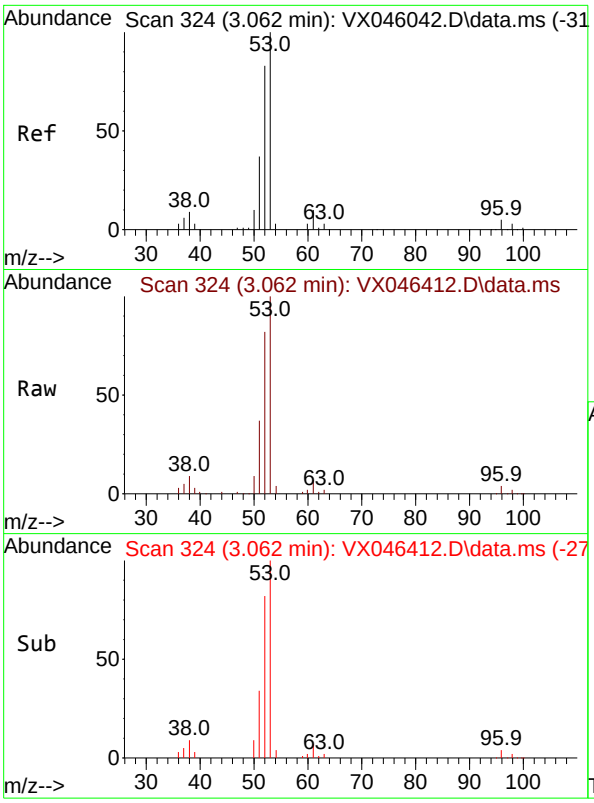


#14
Allyl chloride
Concen: 19.612 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 41 Resp: 38498

Ion	Ratio	Lower	Upper
41	100		
39	72.3	60.6	90.8
76	27.7	24.9	37.3

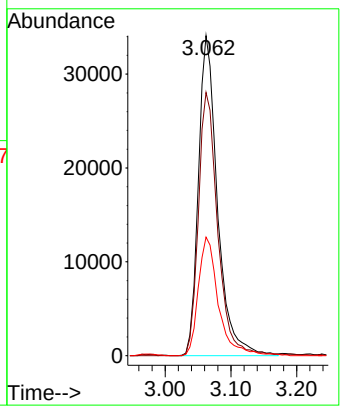




#15
Acrylonitrile
Concen: 106.181 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 53 Resp: 6882

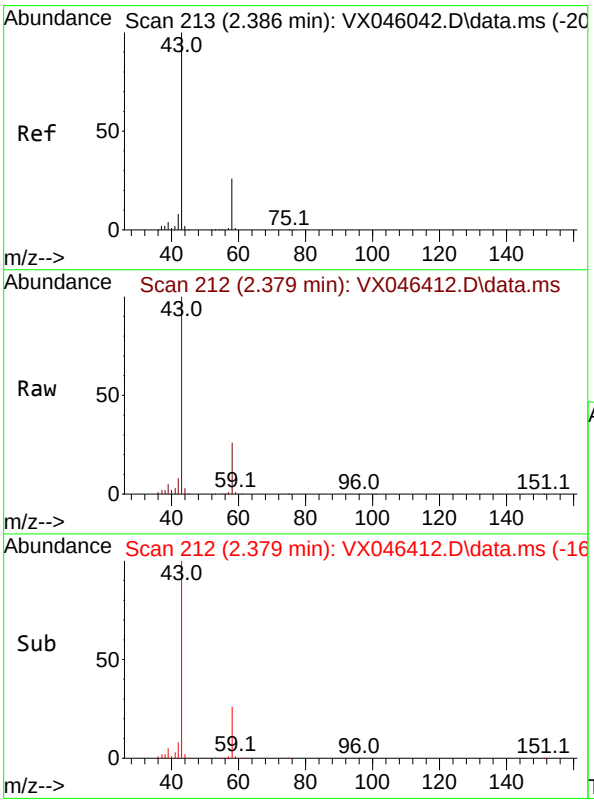
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.3	97.9
51	39.1	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

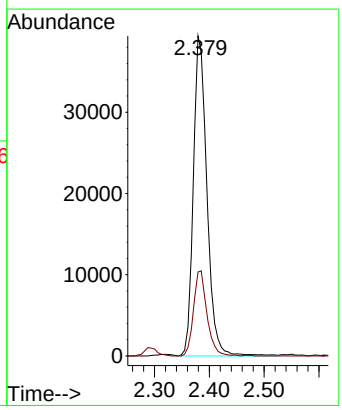
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

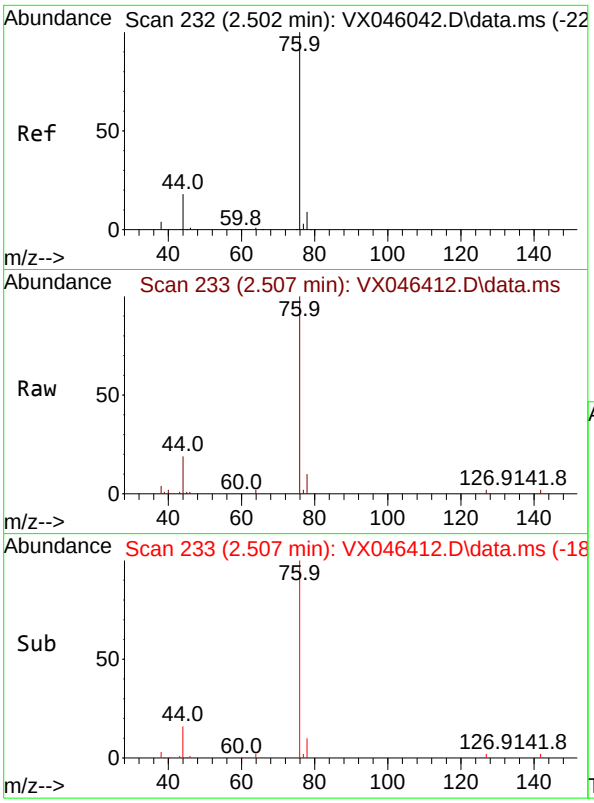


#16
Acetone
Concen: 105.220 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 68128

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.2	31.8

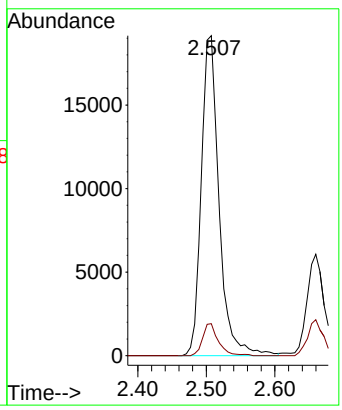




#17
Carbon Disulfide
Concen: 14.202 ug/l
RT: 2.507 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 76 Resp: 3458

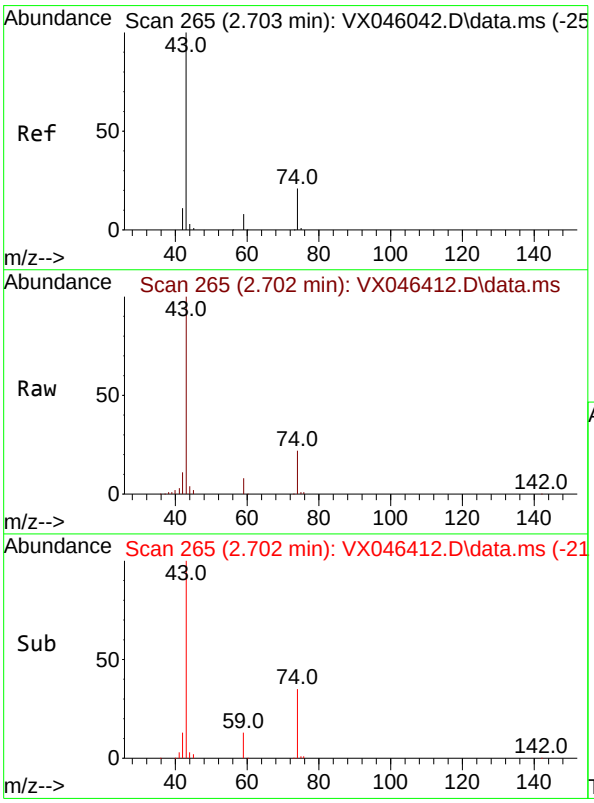
Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.4



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

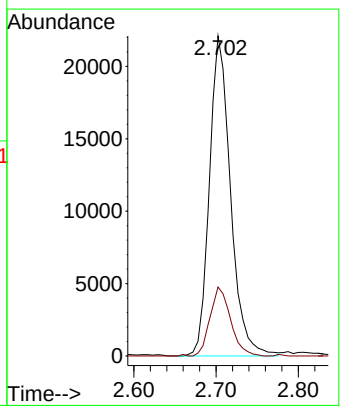
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

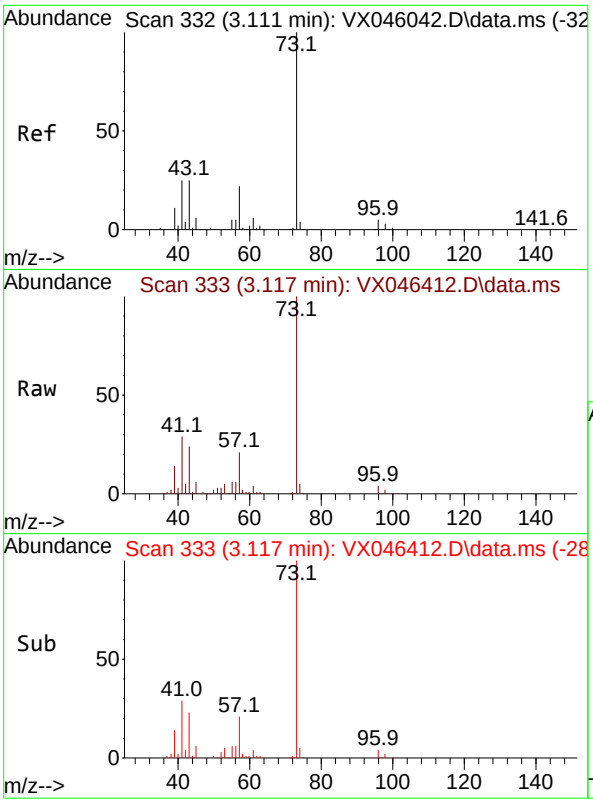


#18
Methyl Acetate
Concen: 26.295 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 39508

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1

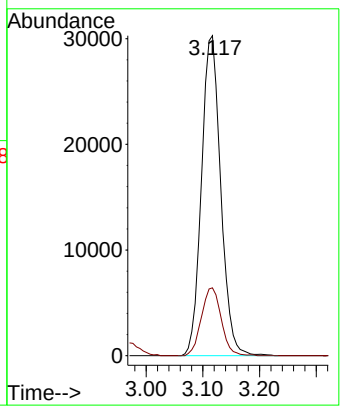




#19
Methyl tert-butyl Ether
Concen: 19.859 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 73 Resp: 7150

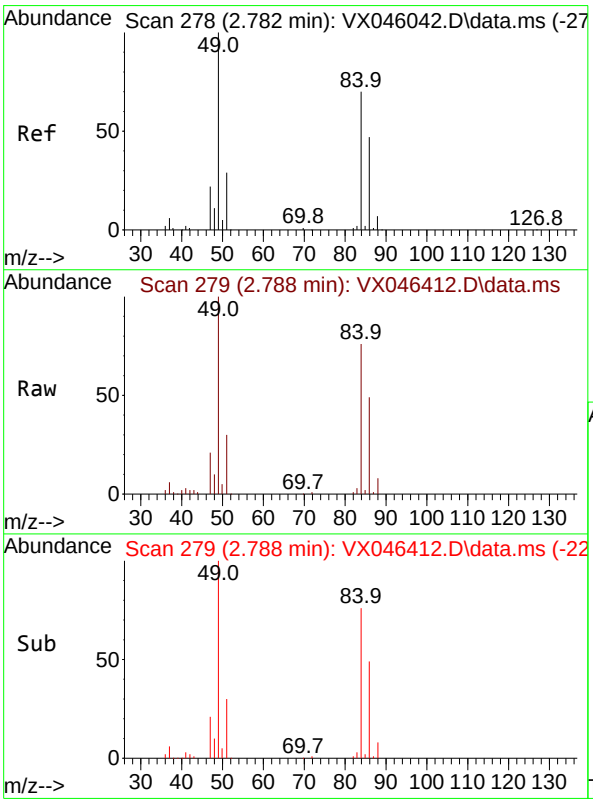
Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

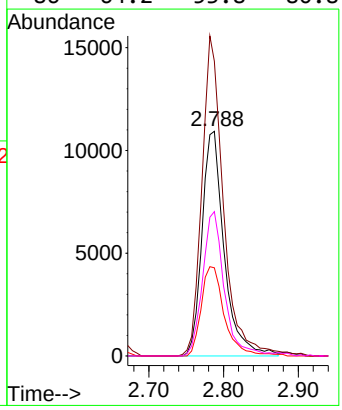
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

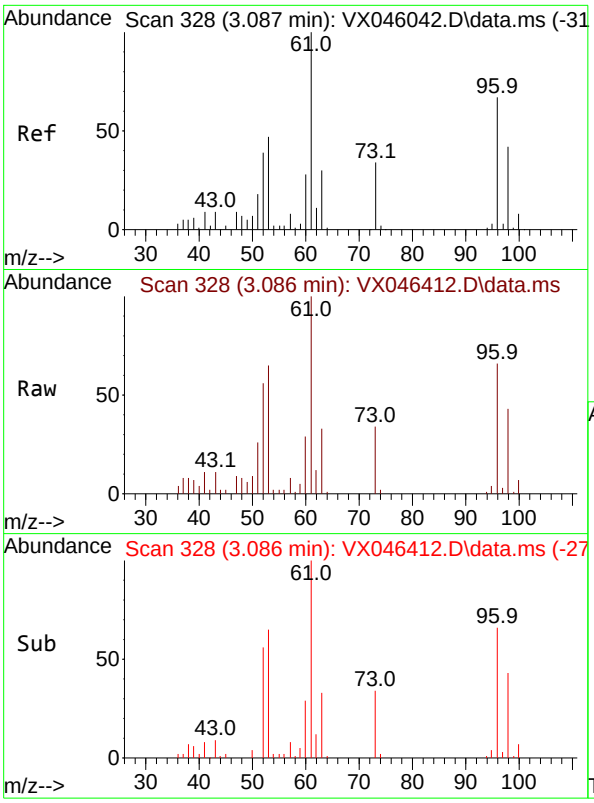


#20
Methylene Chloride
Concen: 18.160 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 84 Resp: 22533

Ion	Ratio	Lower	Upper
84	100		
49	131.2	113.9	170.9
51	39.3	33.5	50.3
86	64.2	53.8	80.8

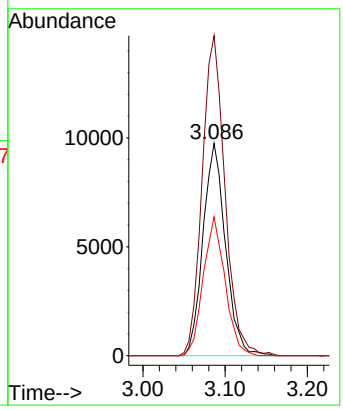




#21
trans-1,2-Dichloroethene
Concen: 17.967 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 96 Resp: 1855

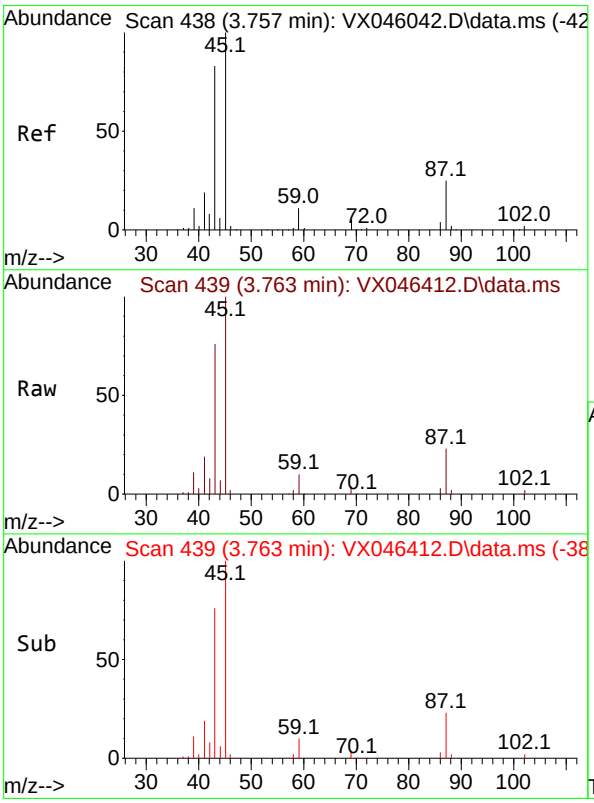
Ion	Ratio	Lower	Upper
96	100		
61	150.8	119.5	179.3
98	65.5	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

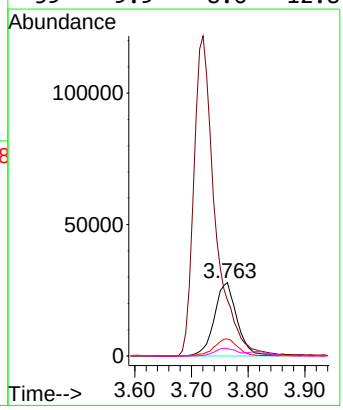
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

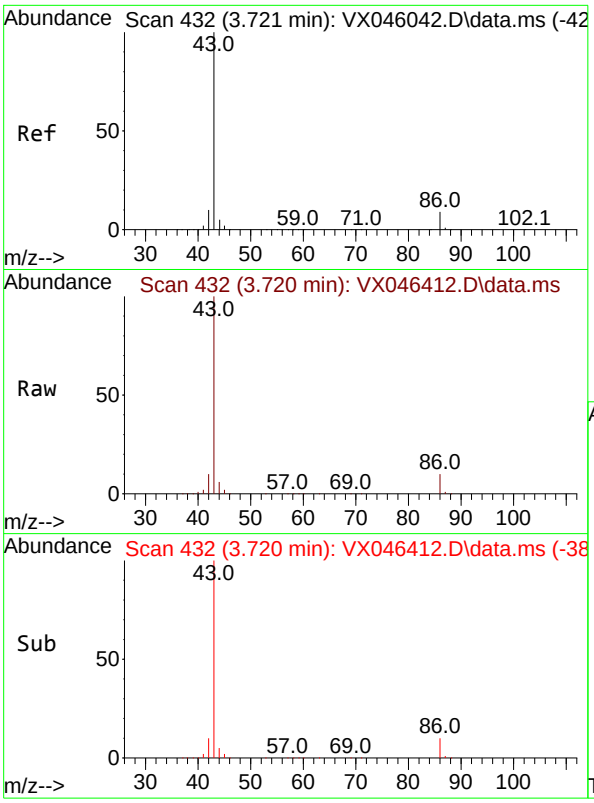


#22
Diisopropyl ether
Concen: 20.378 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 45 Resp: 77266

Ion	Ratio	Lower	Upper
45	100		
43	75.0	66.6	100.0
87	23.0	19.8	29.6
59	9.9	8.6	12.8

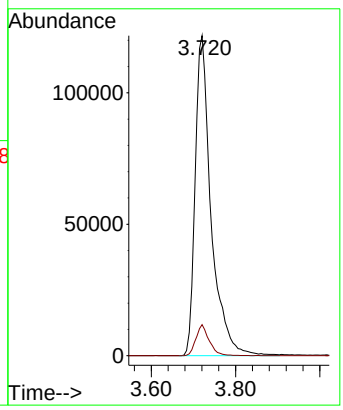




#23
Vinyl Acetate
Concen: 96.051 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 32032

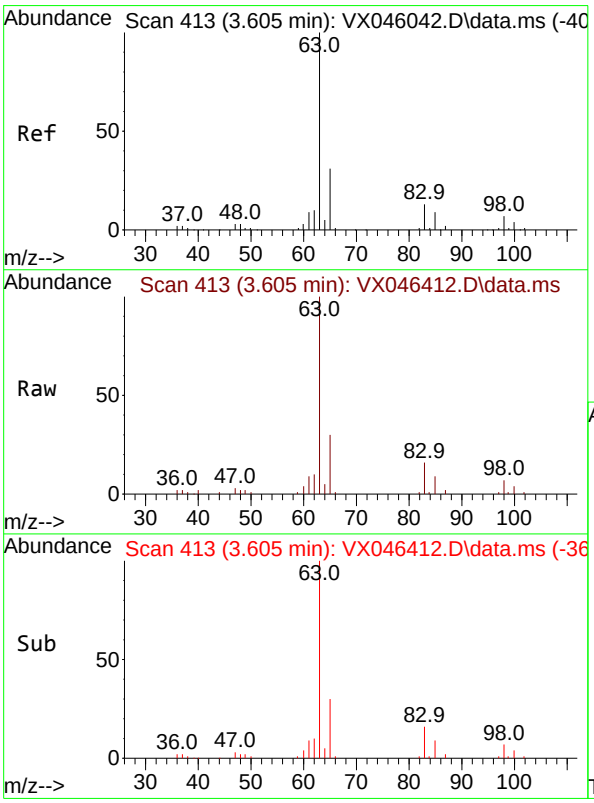
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

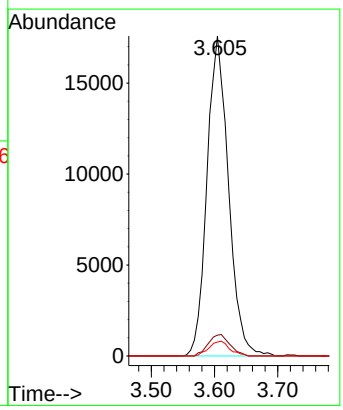
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

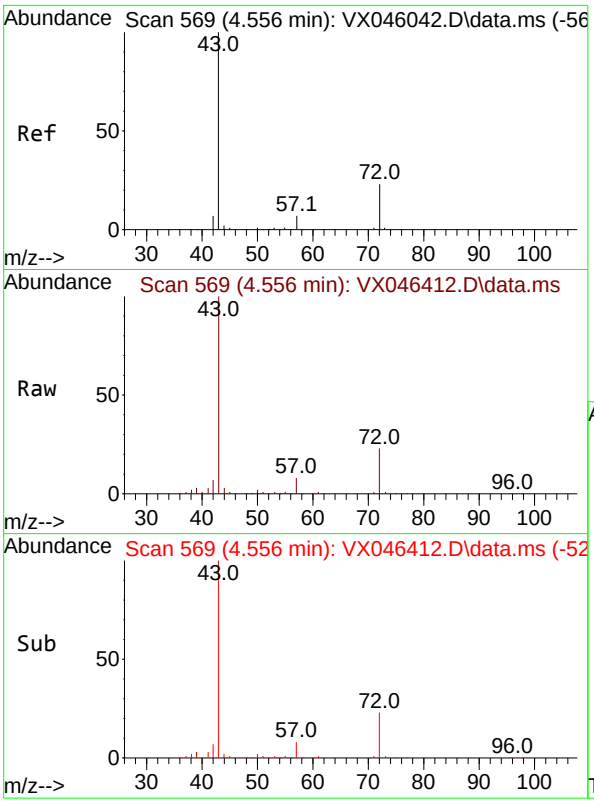


#24
1,1-Dichloroethane
Concen: 19.625 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 63 Resp: 41445

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.8
100	4.4	2.1	6.3

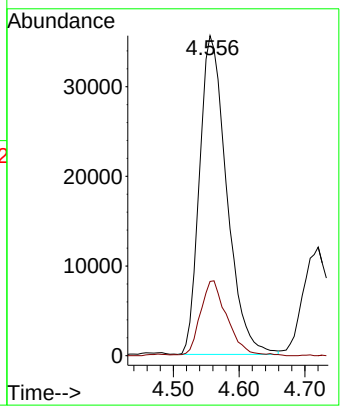




#25
2-Butanone
Concen: 108.864 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 10233

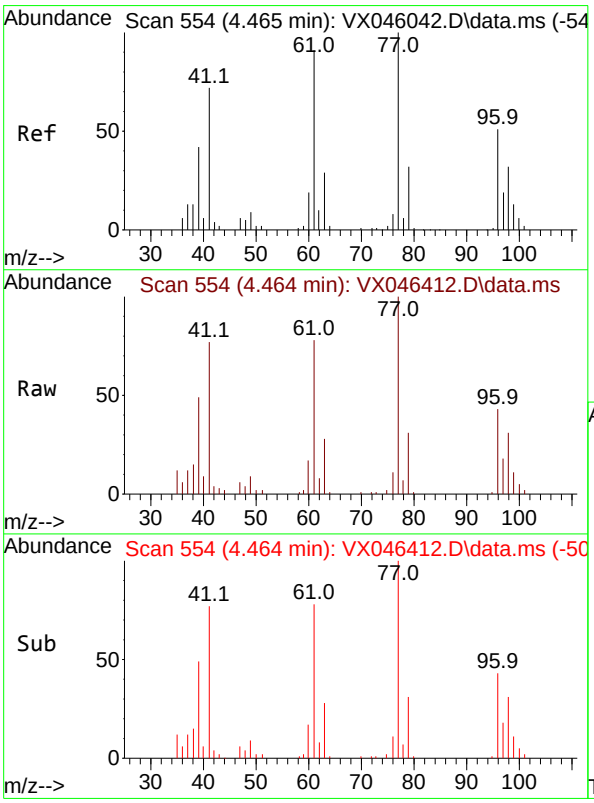
Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

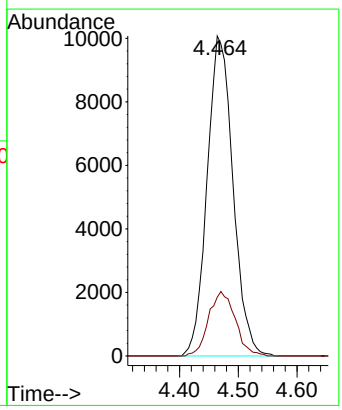
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

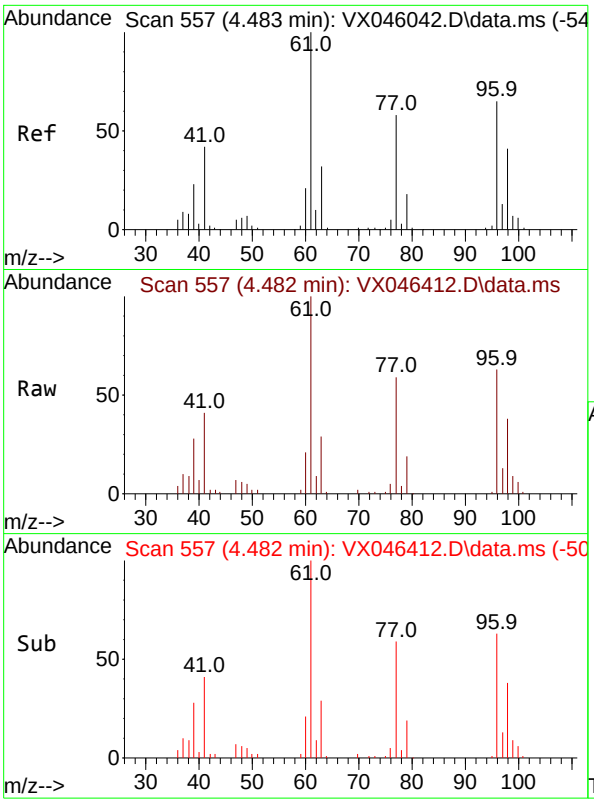


#26
2,2-Dichloropropane
Concen: 18.652 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 77 Resp: 30832

Ion	Ratio	Lower	Upper
77	100		
97	20.8	10.5	31.5

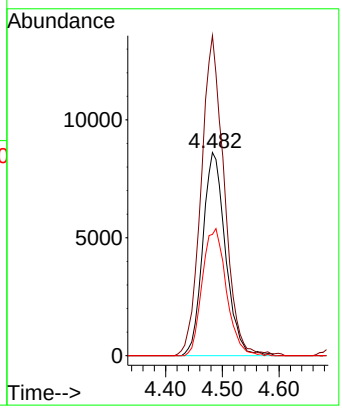




#27
cis-1,2-Dichloroethene
Concen: 19.276 ug/l
RT: 4.482 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 96 Resp: 2396

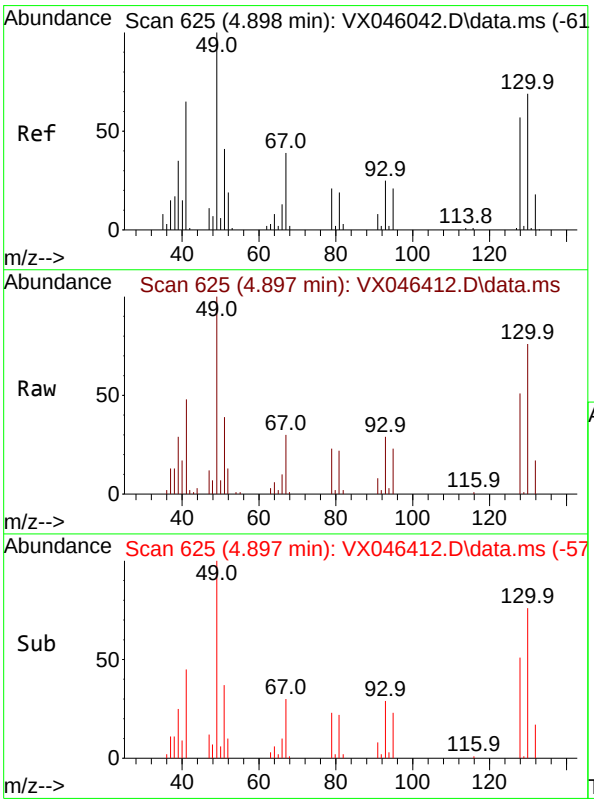
Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	322.8
98	66.3	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

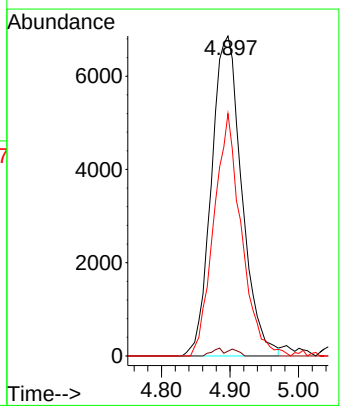
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

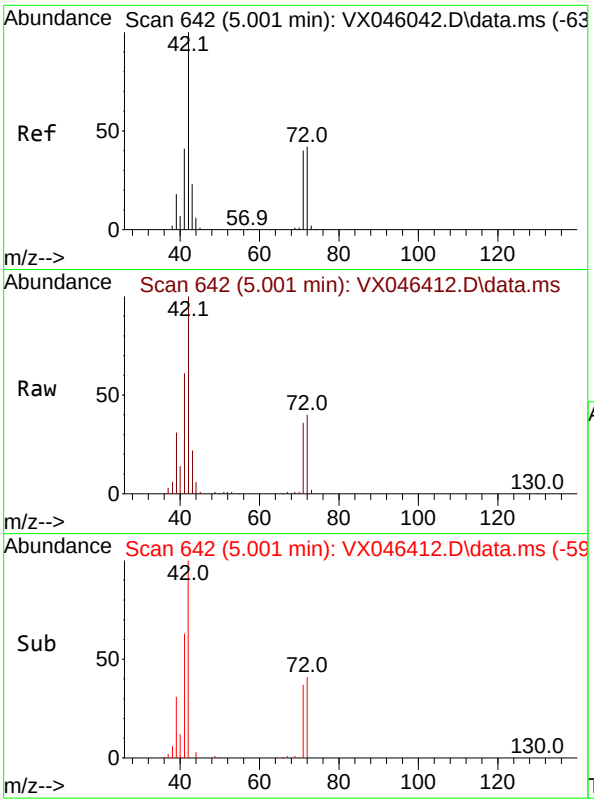


#28
Bromochloromethane
Concen: 20.745 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 49 Resp: 21089

Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.0
130	68.8	56.2	84.2





#29
Tetrahydrofuran
Concen: 105.935 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

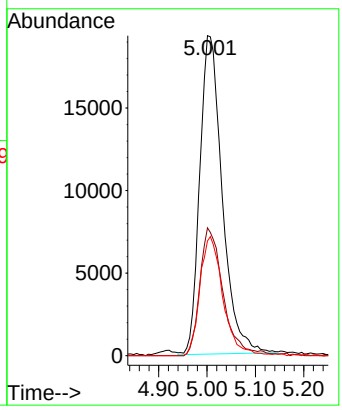
Tgt Ion: 42 Resp: 6239

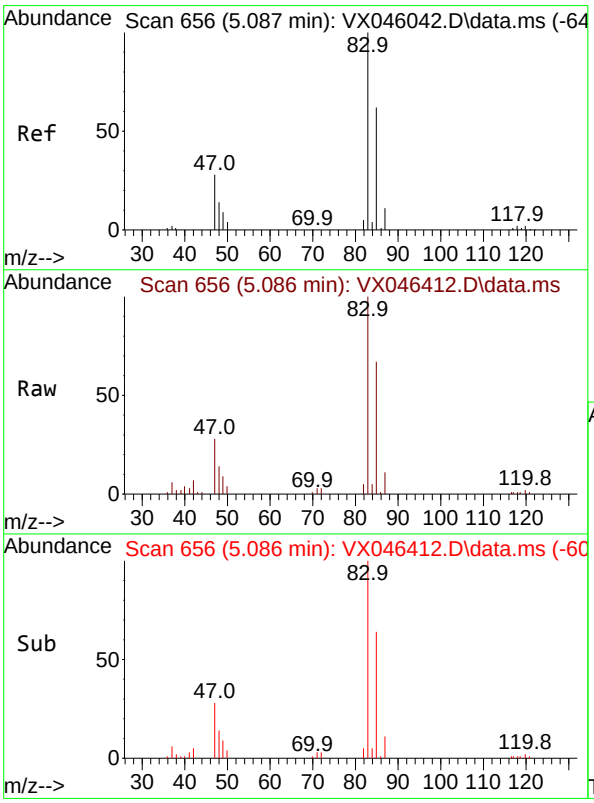
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	38.2	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

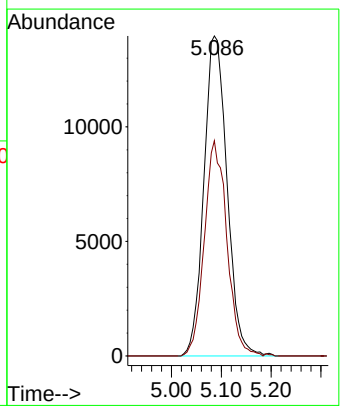


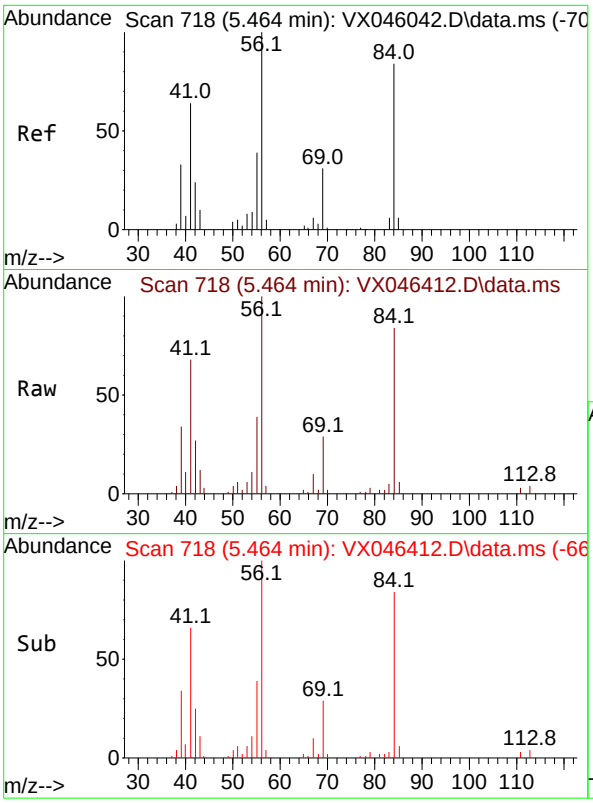


#30
Chloroform
Concen: 20.486 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 83 Resp: 45096

Ion	Ratio	Lower	Upper
83	100		
85	67.3	49.3	73.9

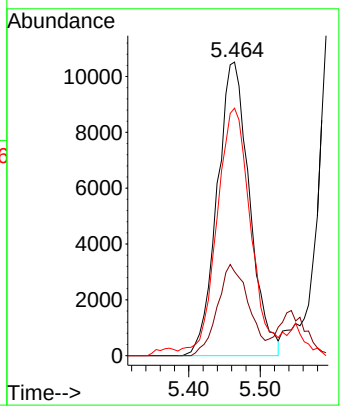




#31
Cyclohexane
Concen: 17.184 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 56 Resp: 3307

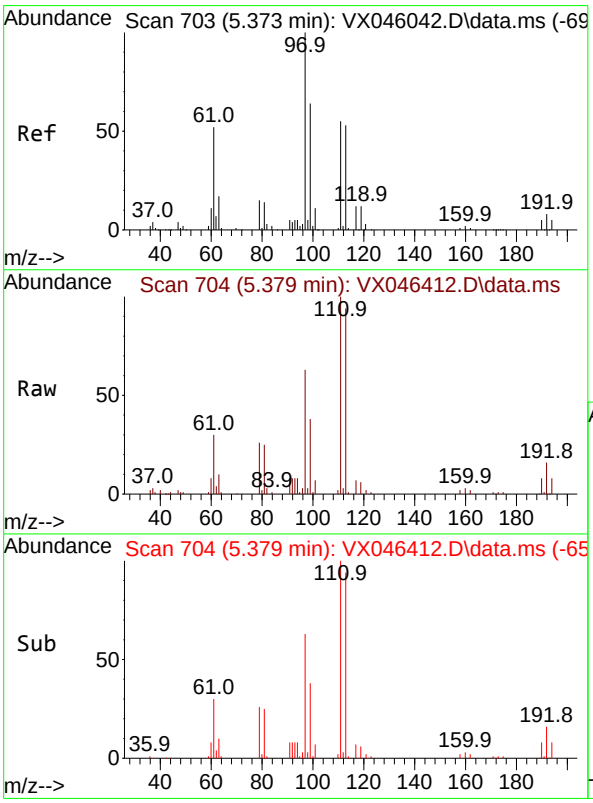
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.4	36.6
84	82.7	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

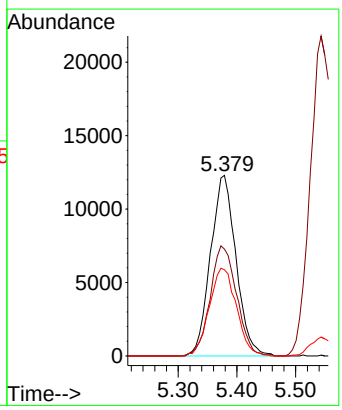
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

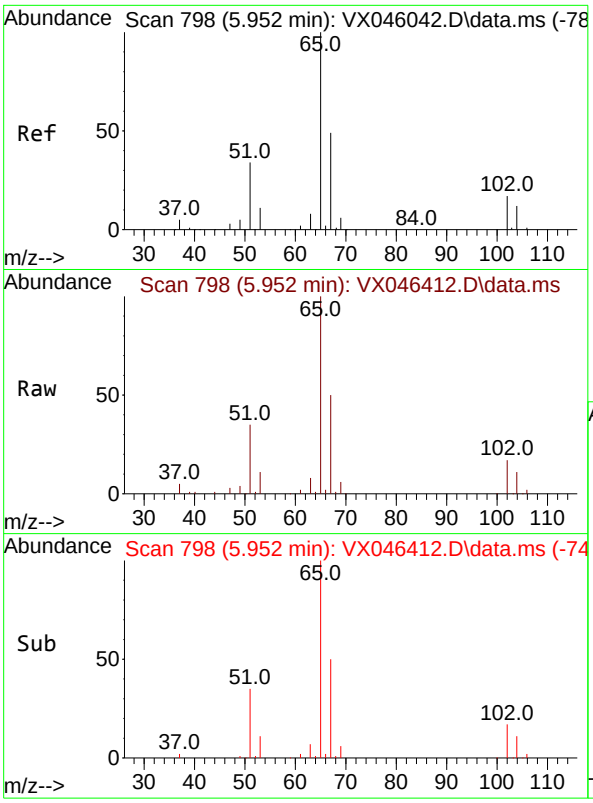


#32
1,1,1-Trichloroethane
Concen: 19.429 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 97 Resp: 37073

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.8	77.6
61	51.6	40.1	60.1

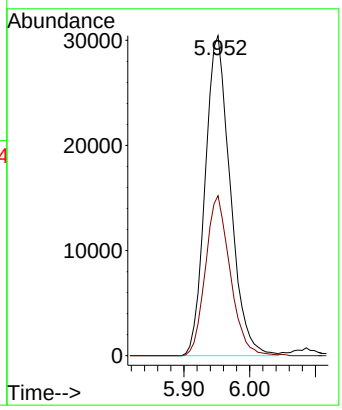




#33
1,2-Dichloroethane-d4
Concen: 49.899 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 65 Resp: 8057

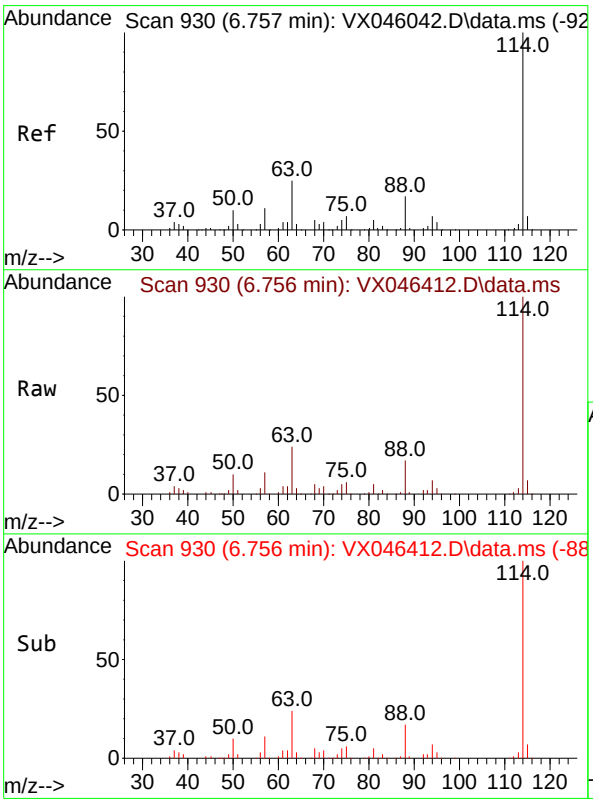
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

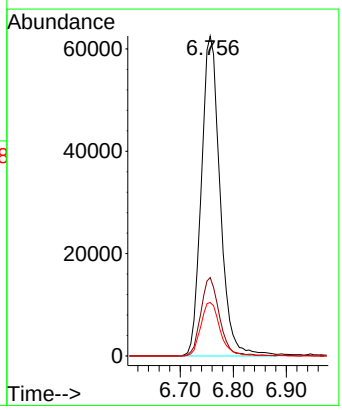
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

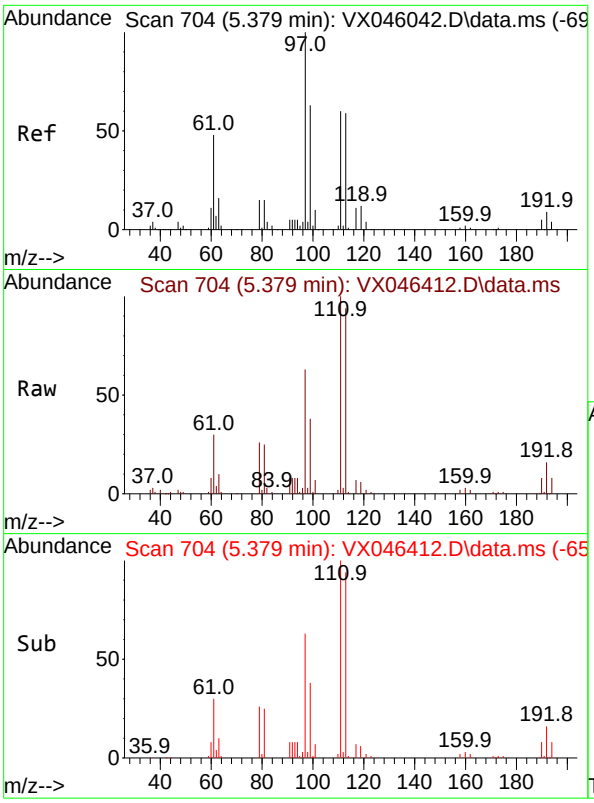


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:114 Resp: 153415

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.7	0.0	33.6

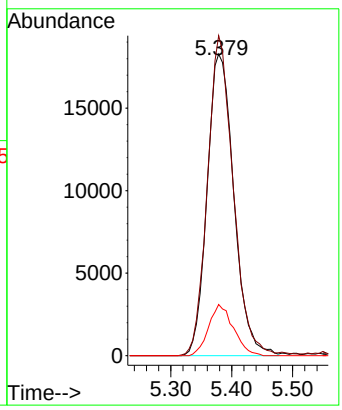




#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:113 Resp: 5565

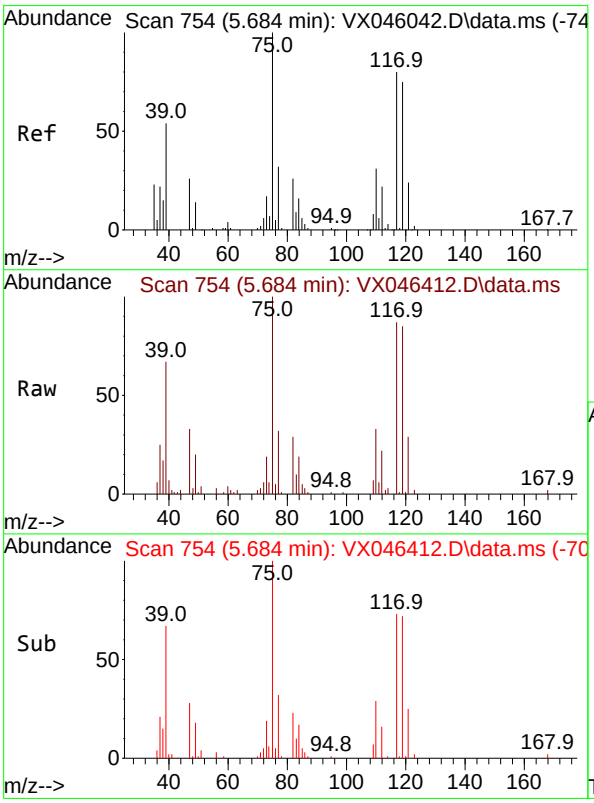
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	15.8	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

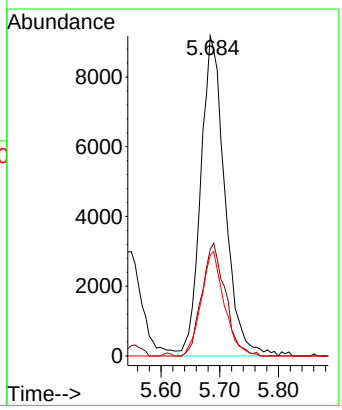
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

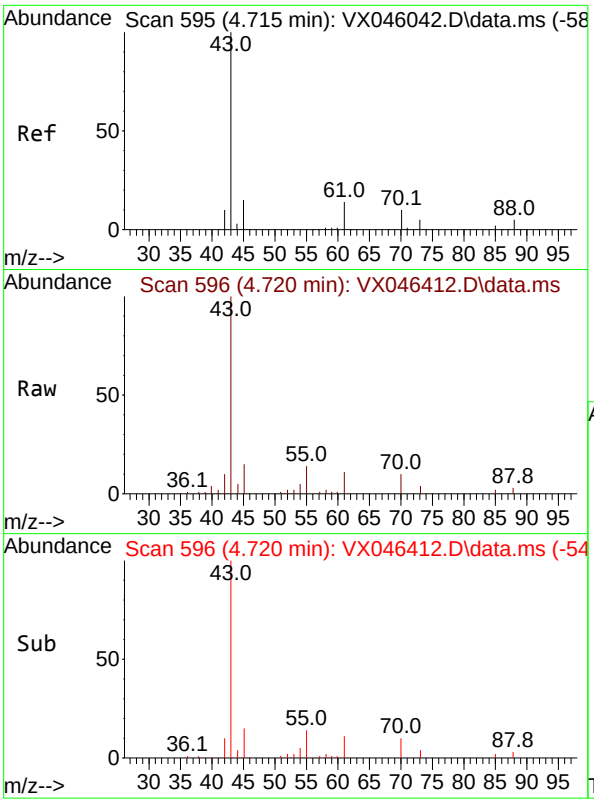


#36
1,1-Dichloropropene
Concen: 17.643 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 26188

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.3	48.9
77	31.2	24.3	36.5

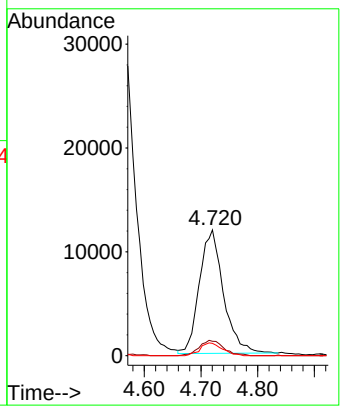




#37
Ethyl Acetate
Concen: 19.137 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 3509

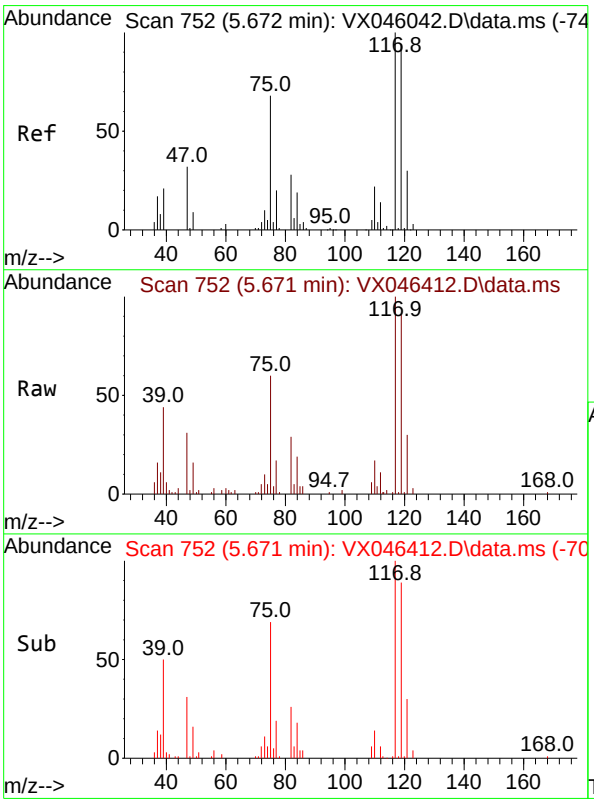
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	9.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

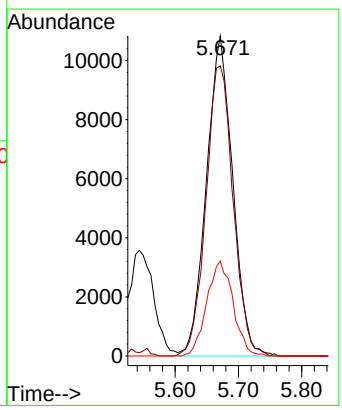
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

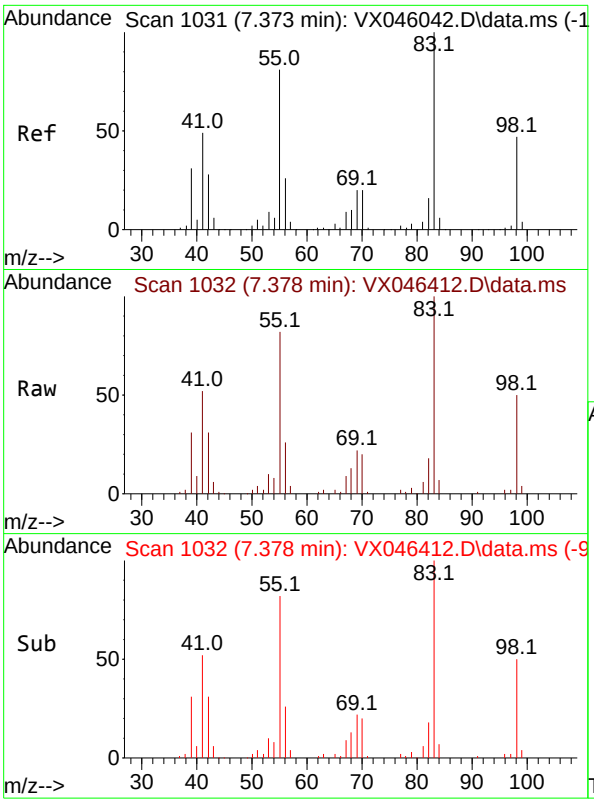


#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:117 Resp: 31244

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.2	112.8
121	29.6	24.2	36.4

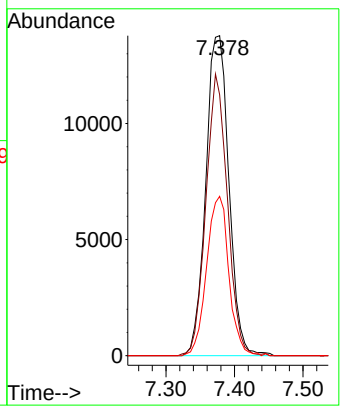




#39
Methylcyclohexane
Concen: 16.928 ug/l
RT: 7.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 83 Resp: 3234

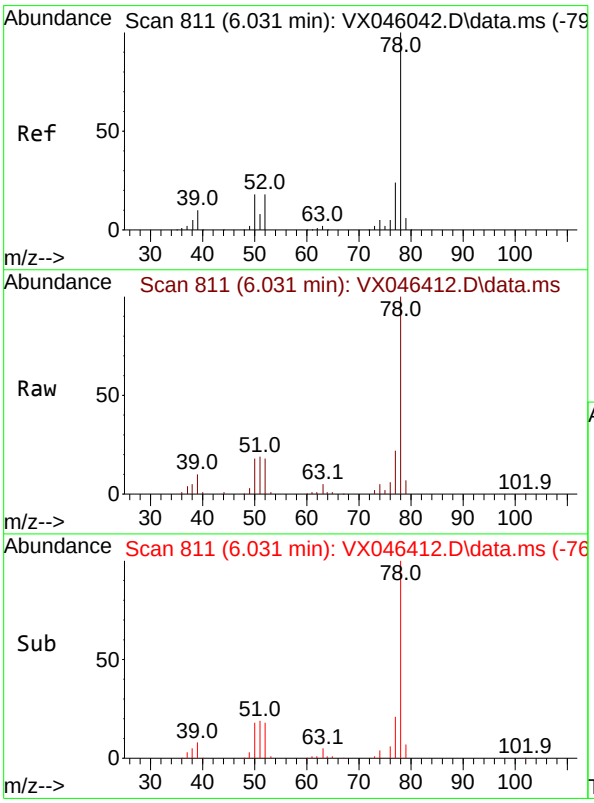
Ion	Ratio	Lower	Upper
83	100		
55	81.6	64.7	97.1
98	49.8	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

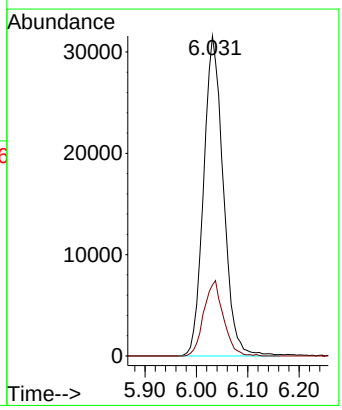
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

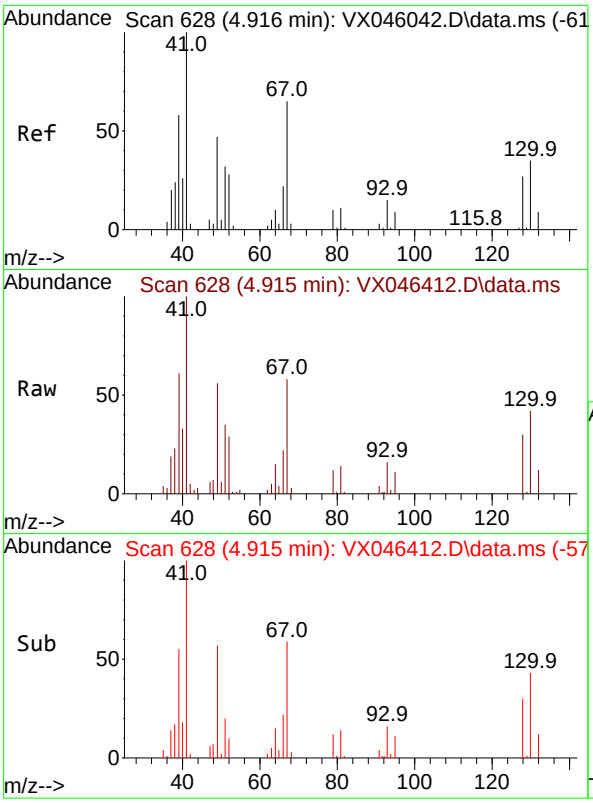


#40
Benzene
Concen: 19.331 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 78 Resp: 84048

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.4

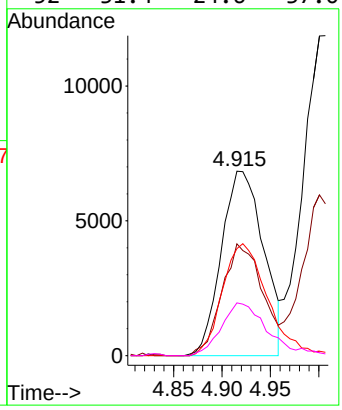




#41
Methacrylonitrile
Concen: 21.599 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 41 Resp: 2072

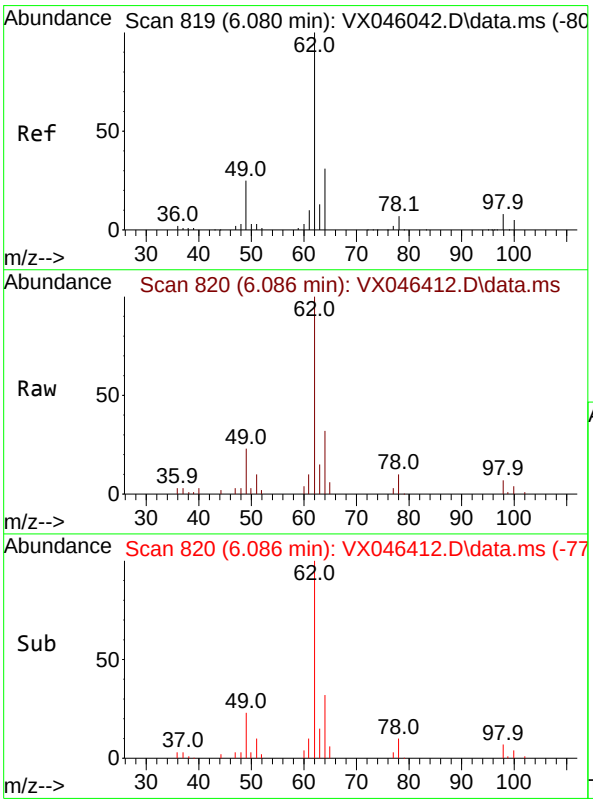
Ion	Ratio	Lower	Upper
41	100		
39	58.3	47.2	70.8
67	65.5	50.7	76.1
52	31.4	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

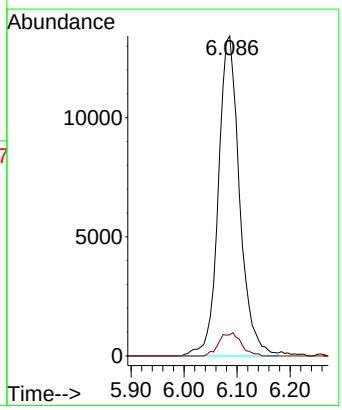
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

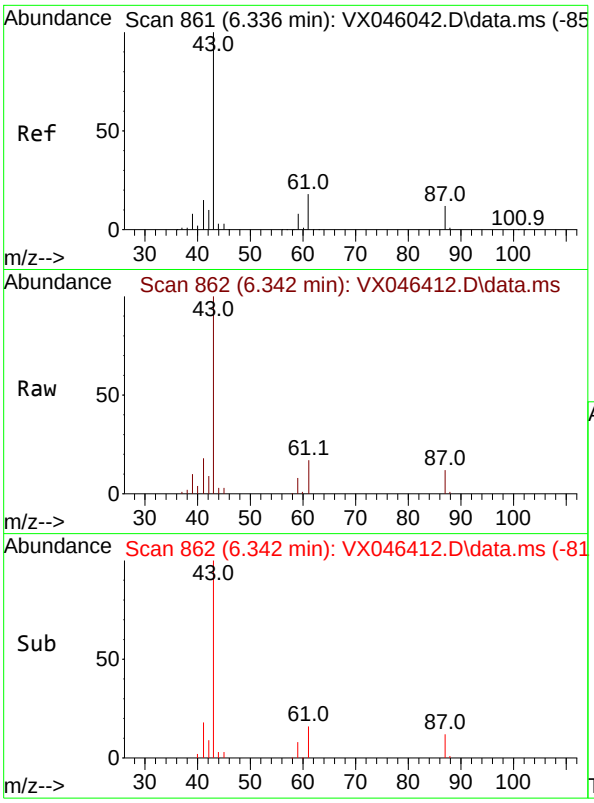


#42
1,2-Dichloroethane
Concen: 19.930 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 62 Resp: 37398

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 20.214 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

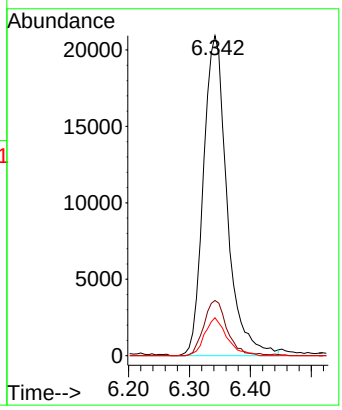
Tgt Ion: 43 Resp: 5655

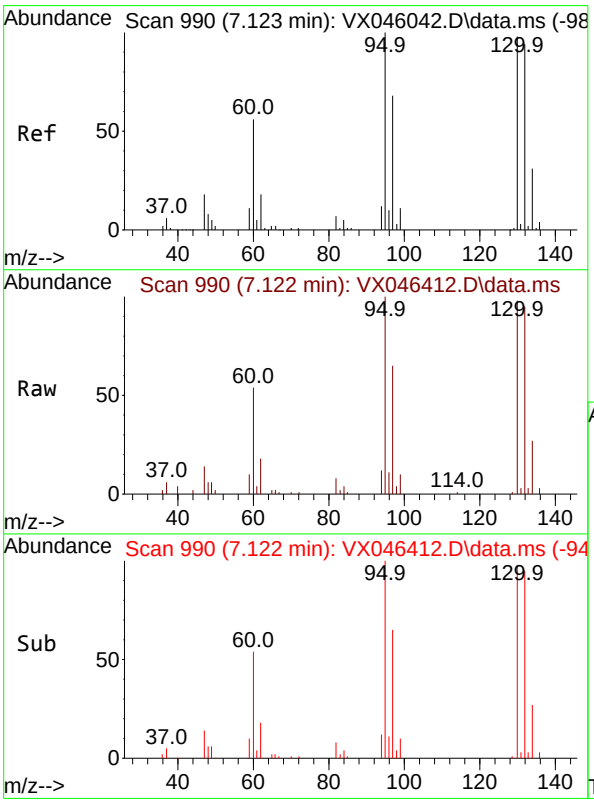
Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.3	21.5
87	11.1	9.5	14.3

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

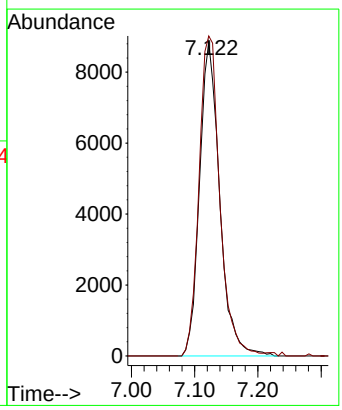


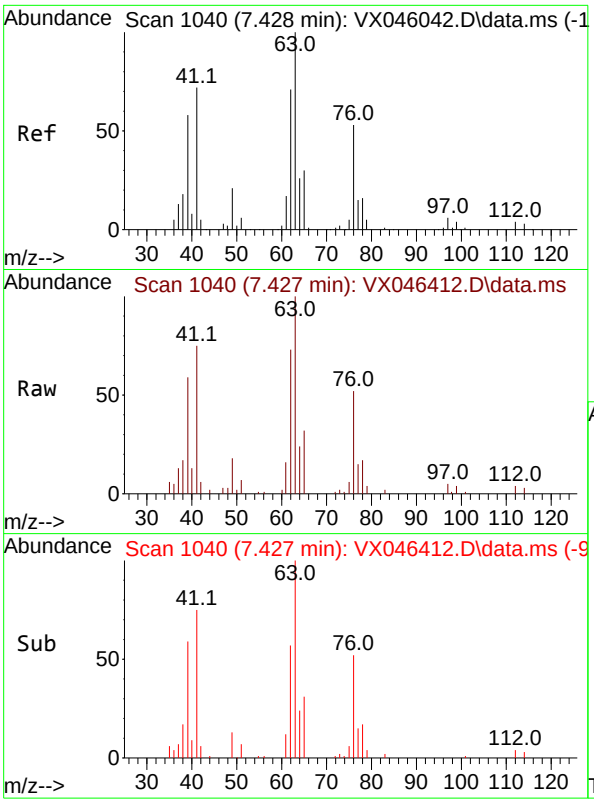


#44
Trichloroethene
Concen: 18.758 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:130 Resp: 19629

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	204.2

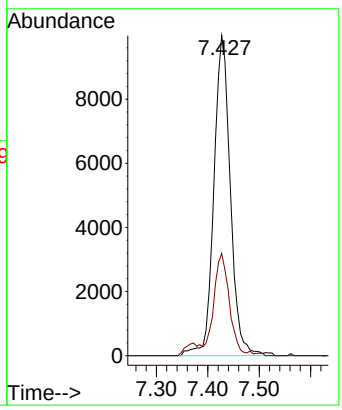




#45
1,2-Dichloropropane
Concen: 20.615 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 63 Resp: 2228

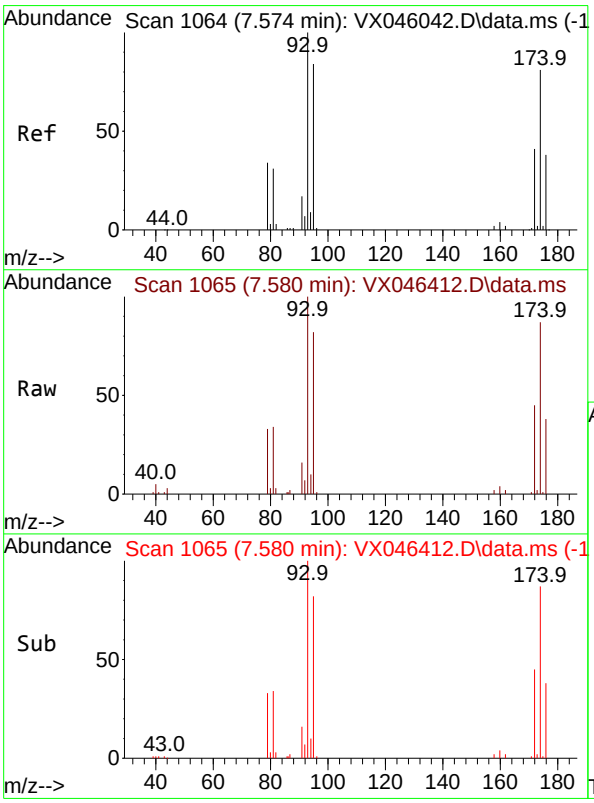
Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

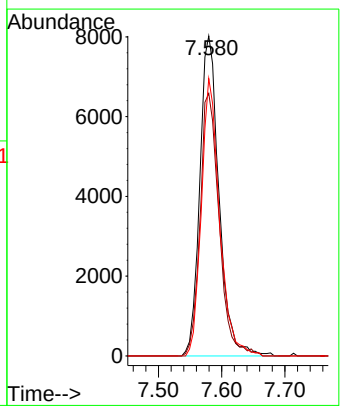
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

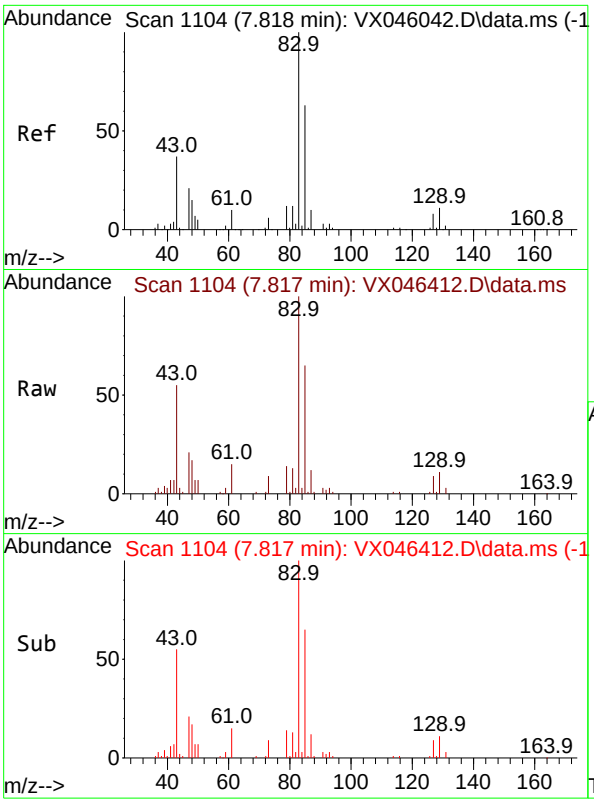


#46
Dibromomethane
Concen: 19.874 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 93 Resp: 16946

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.6	98.4
174	82.4	68.2	102.2

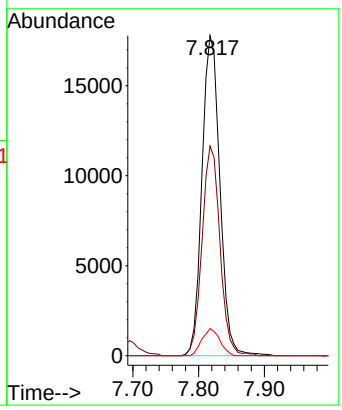




#47
Bromodichloromethane
Concen: 20.078 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 83 Resp: 3371

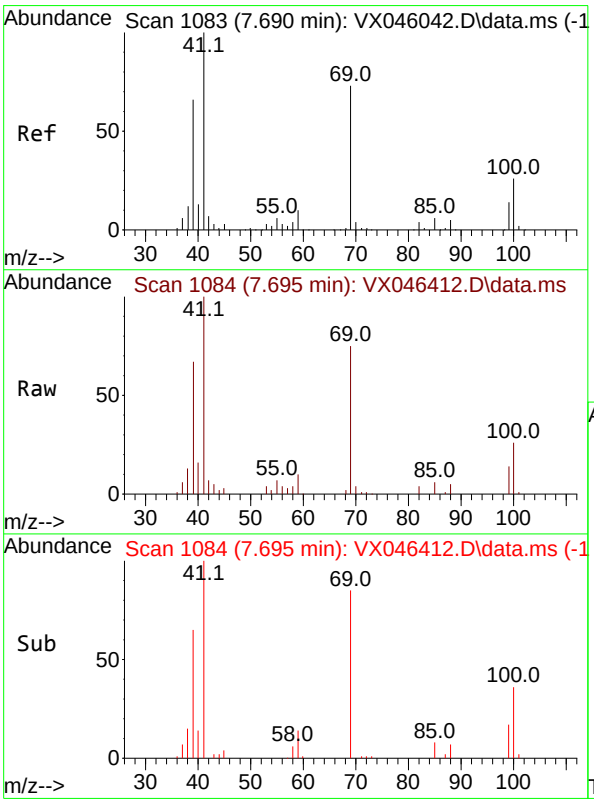
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.5	75.7
127	8.5	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

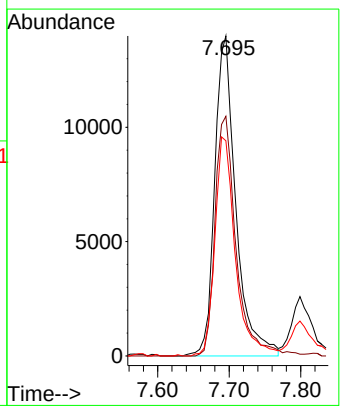
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

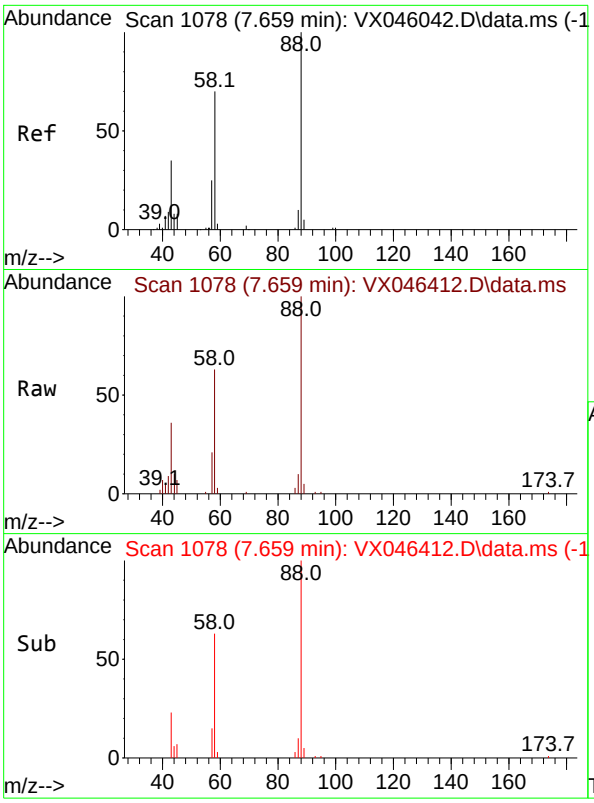


#48
Methyl methacrylate
Concen: 20.072 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 41 Resp: 28679

Ion	Ratio	Lower	Upper
41	100		
69	75.2	58.5	87.7
39	66.6	51.7	77.5

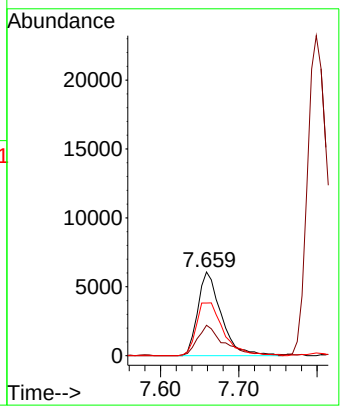




#49
1,4-Dioxane
Concen: 464.881 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 88 Resp: 1261

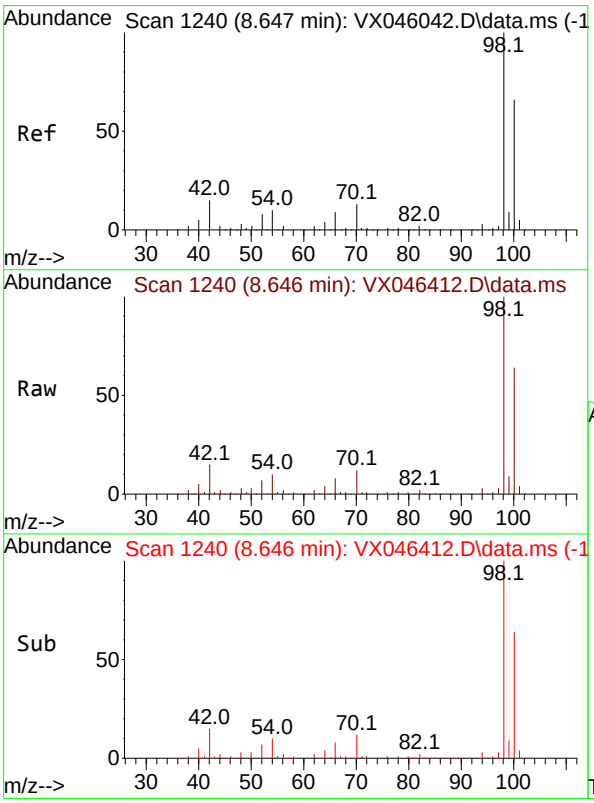
Ion	Ratio	Lower	Upper
88	100		
43	41.2	33.4	50.2
58	73.1	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

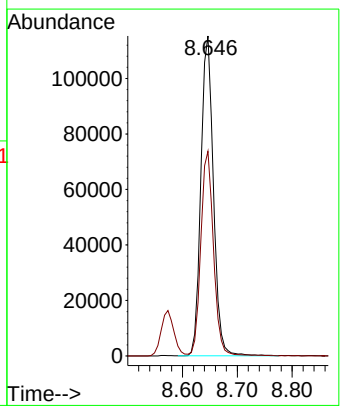
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

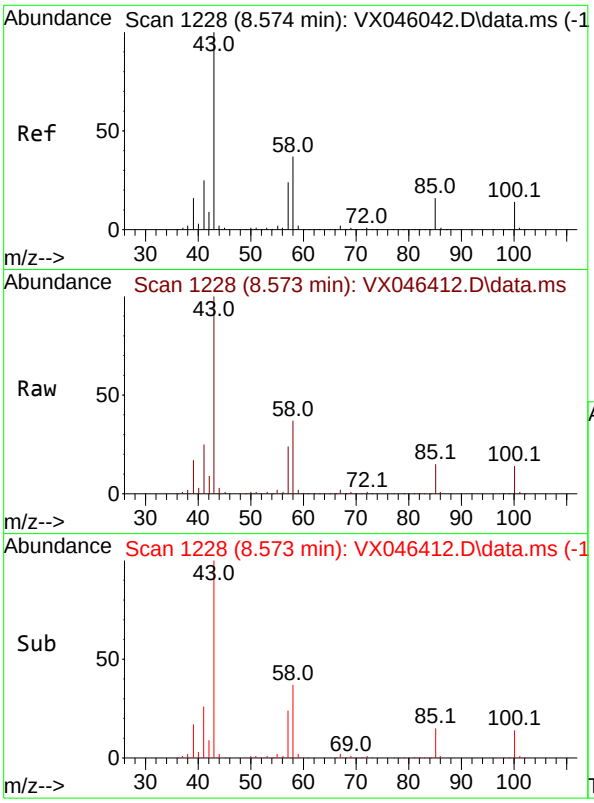


#50
Toluene-d8
Concen: 47.801 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 98 Resp: 182778

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3

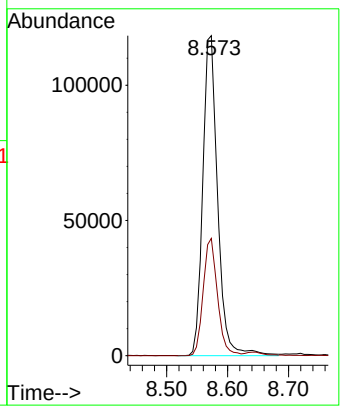




#51
4-Methyl-2-Pentanone
Concen: 108.190 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 20091

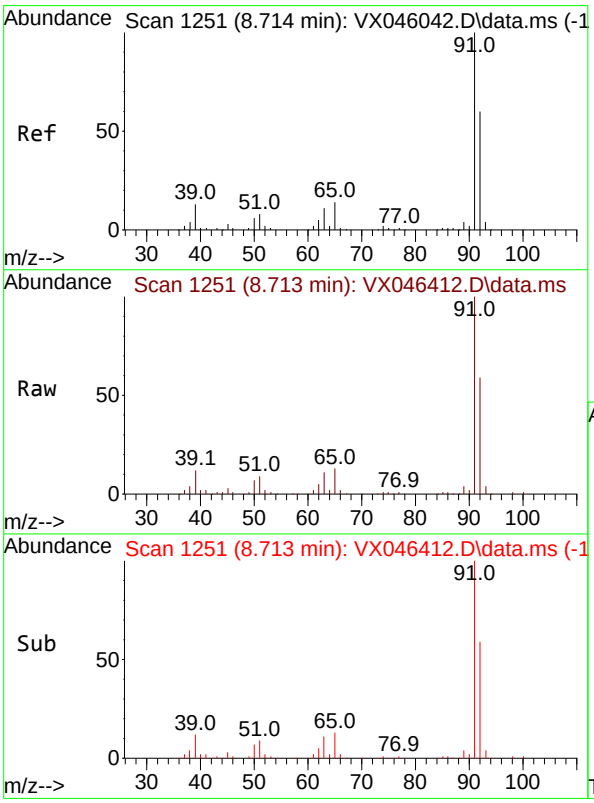
Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.9	43.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

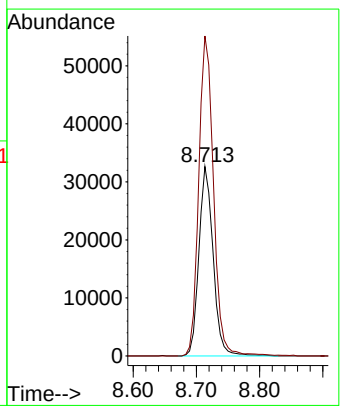
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

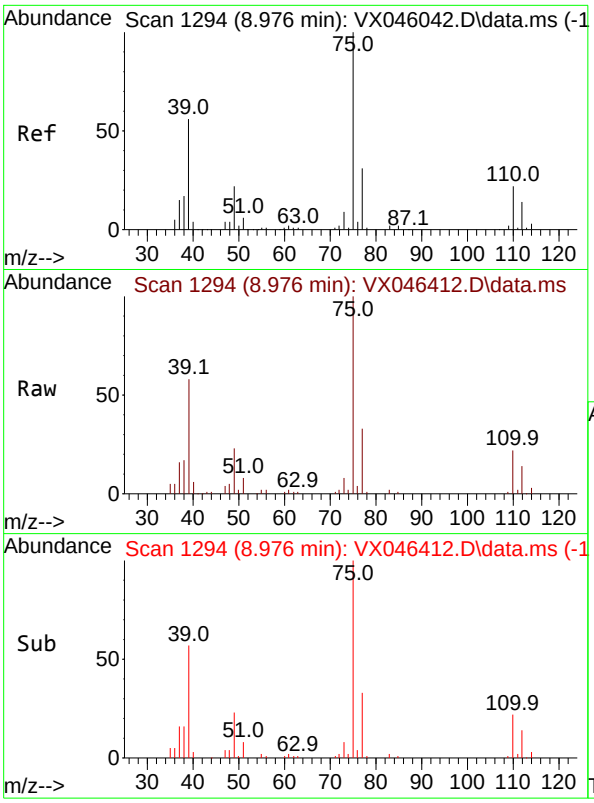


#52
Toluene
Concen: 19.222 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 92 Resp: 51245

Ion	Ratio	Lower	Upper
92	100		
91	175.7	136.6	205.0

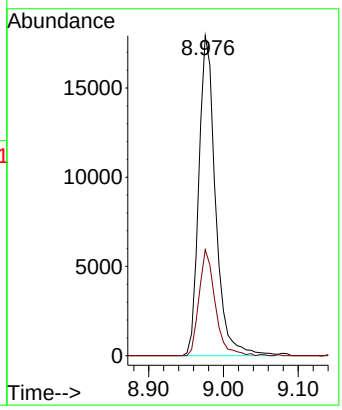




#53
t-1,3-Dichloropropene
Concen: 18.656 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 2784

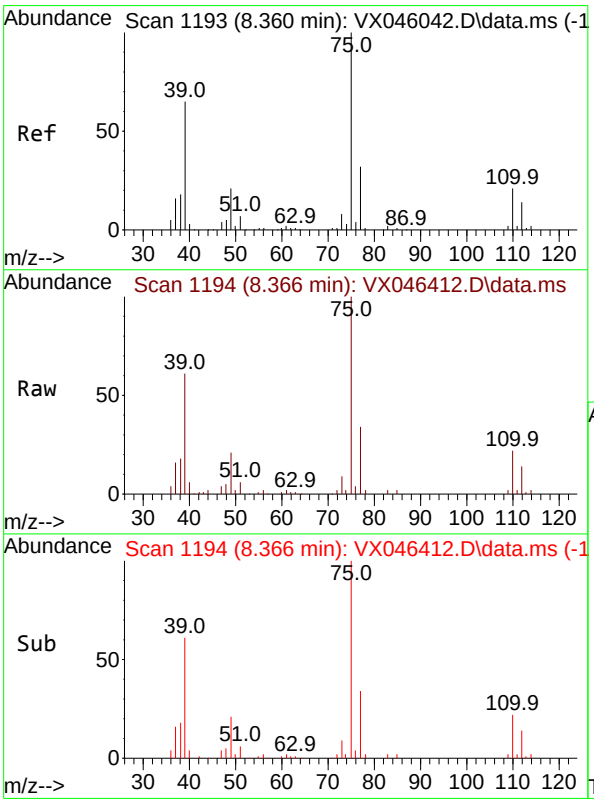
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

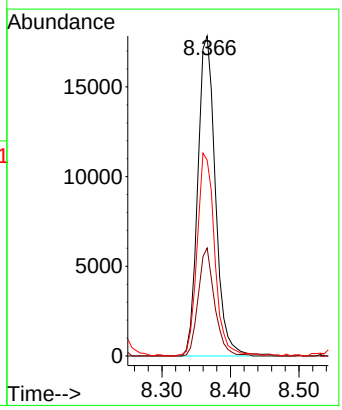
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

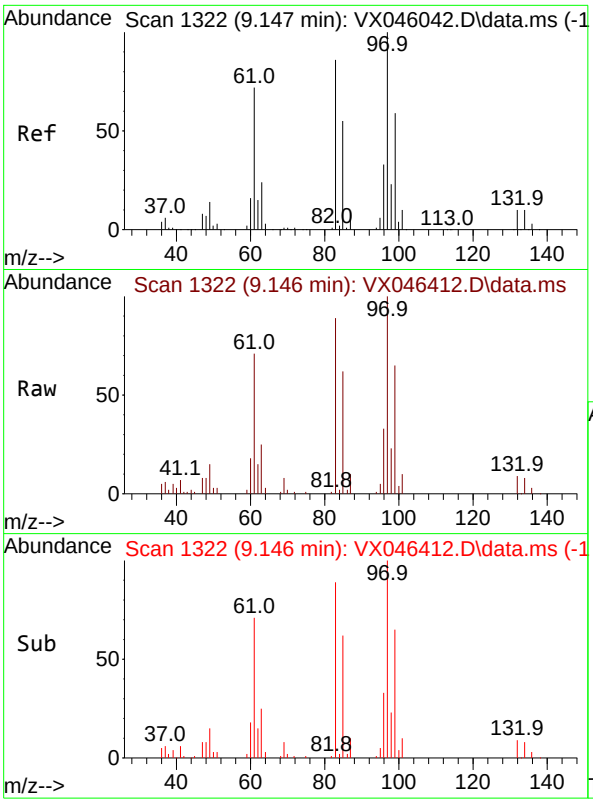


#54
cis-1,3-Dichloropropene
Concen: 19.381 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 31975

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.0
39	60.9	52.2	78.4

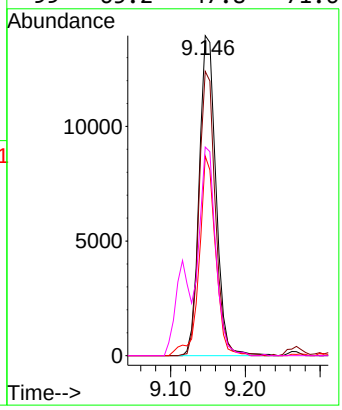




#55
1,1,2-Trichloroethane
Concen: 20.648 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 97 Resp: 2170

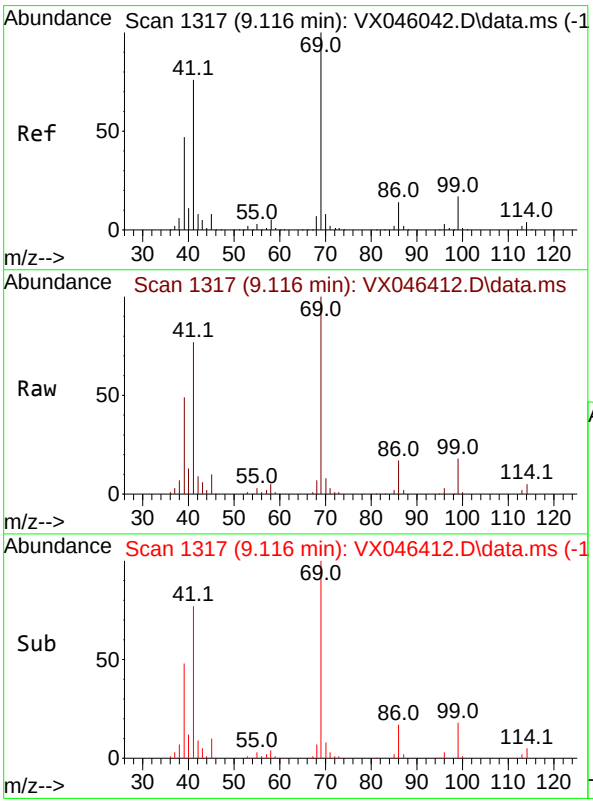
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.0	103.6
85	62.4	44.3	66.5
99	65.2	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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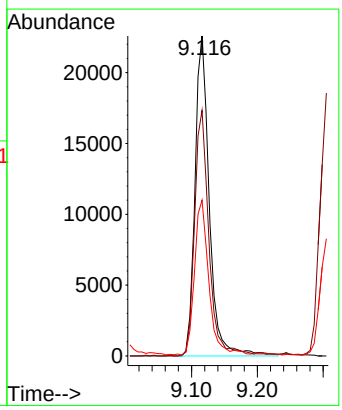
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

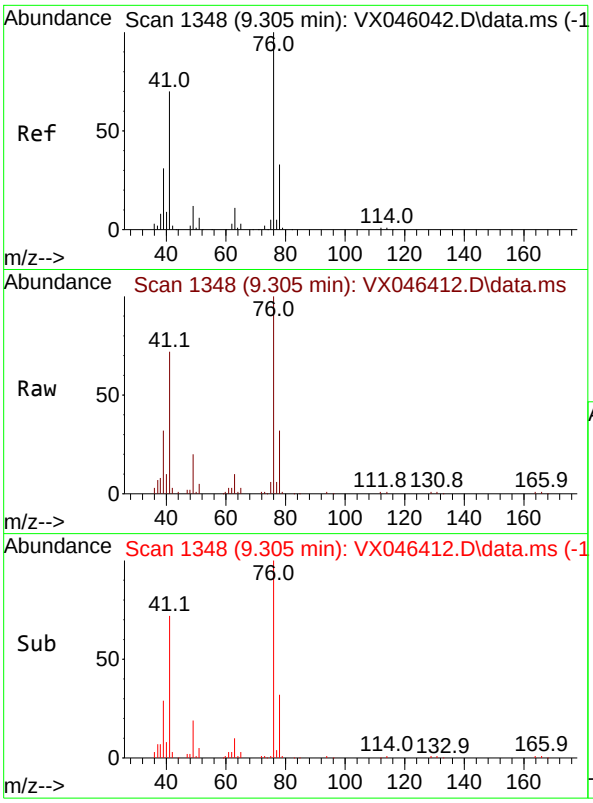


#56
Ethyl methacrylate
Concen: 20.387 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 69 Resp: 34157

Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	48.1	39.0	58.6

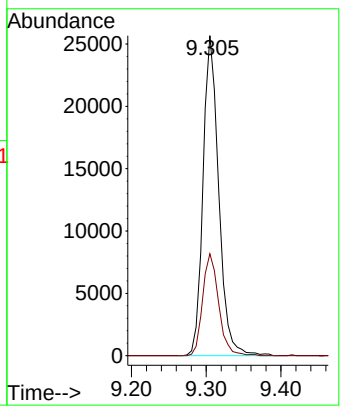




#57
1,3-Dichloropropane
Concen: 19.828 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 76 Resp: 3743

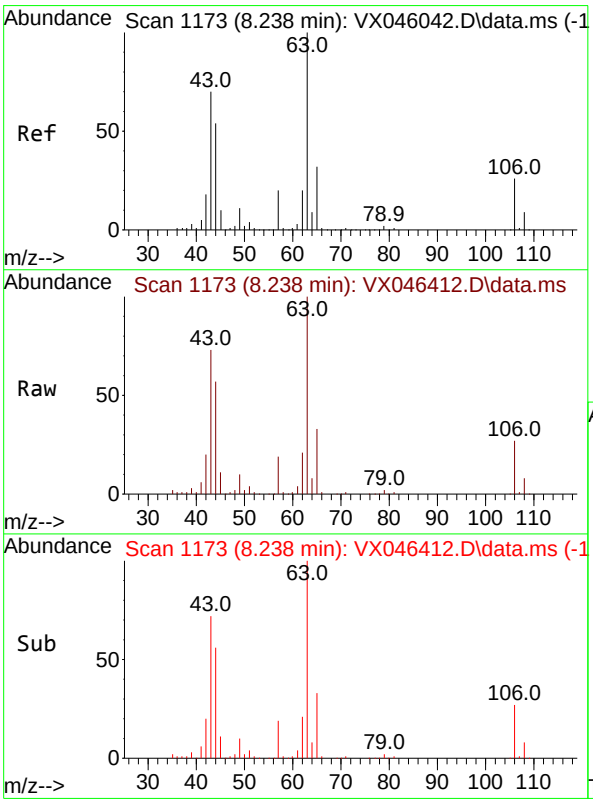
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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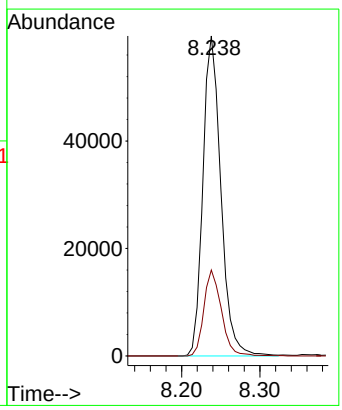
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

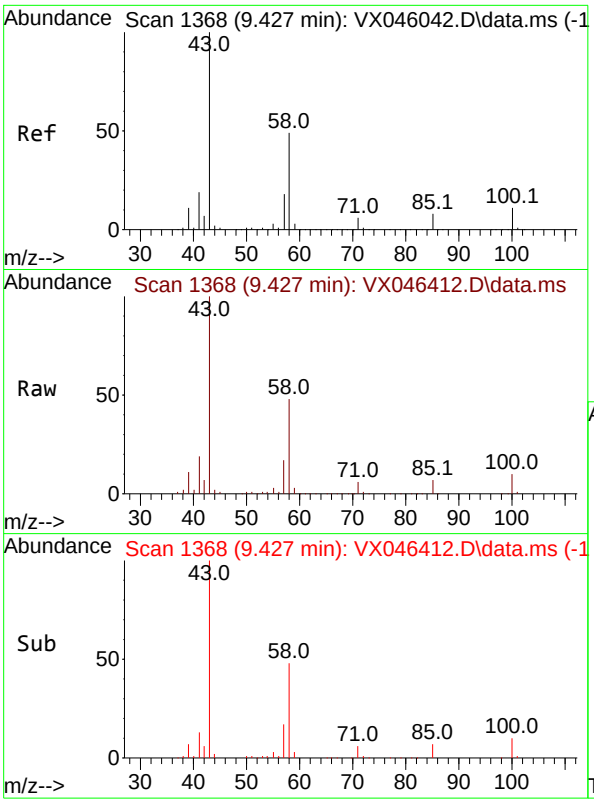


#58
2-Chloroethyl Vinyl ether
Concen: 111.083 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 63 Resp: 94881

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.5	32.3





#59
2-Hexanone
Concen: 109.854 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

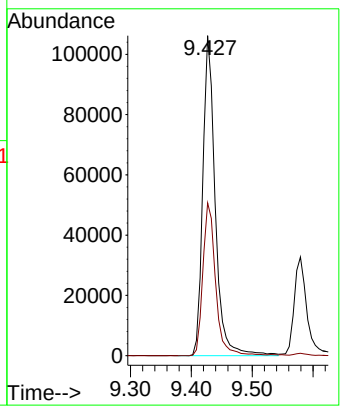
Tgt Ion: 43 Resp: 15093

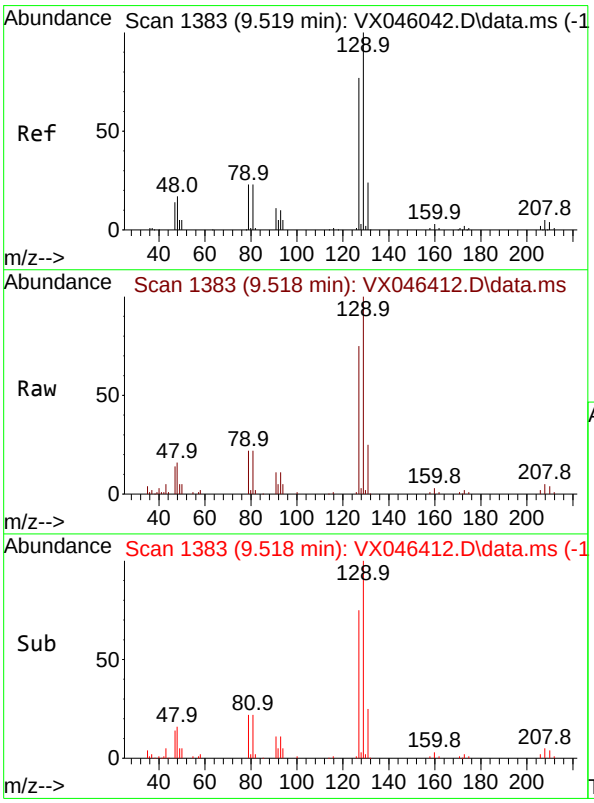
Ion	Ratio	Lower	Upper
43	100		
58	48.8	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

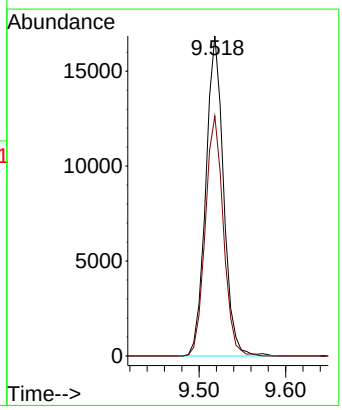


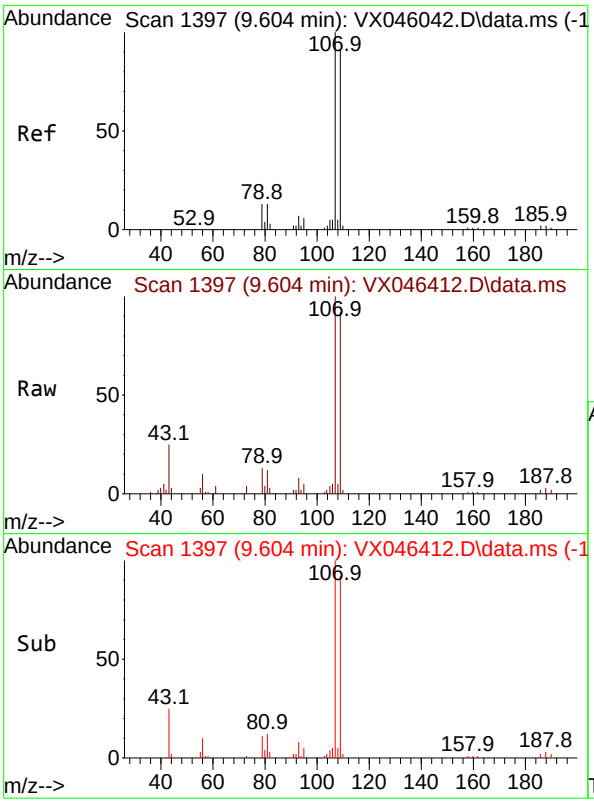


#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:129 Resp: 23960

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.3	117.8

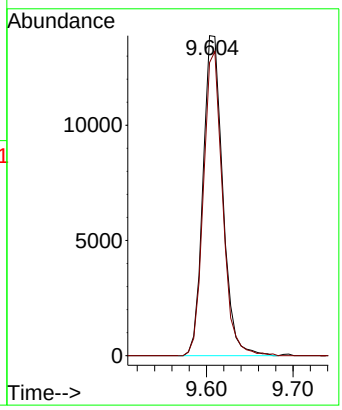




#61
1,2-Dibromoethane
Concen: 20.076 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:107 Resp: 2193

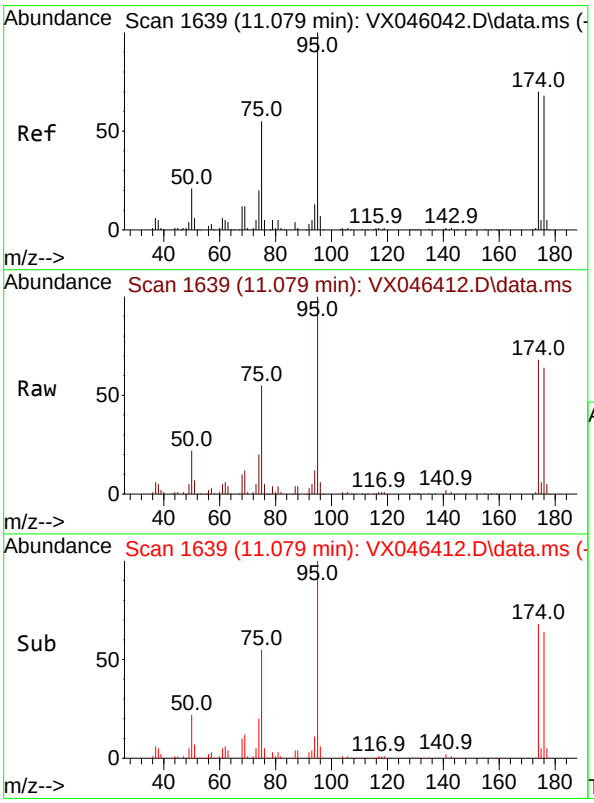
Ion	Ratio	Lower	Upper
107	100		
109	92.4	73.3	109.9



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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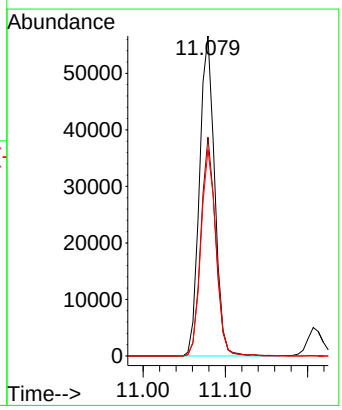
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

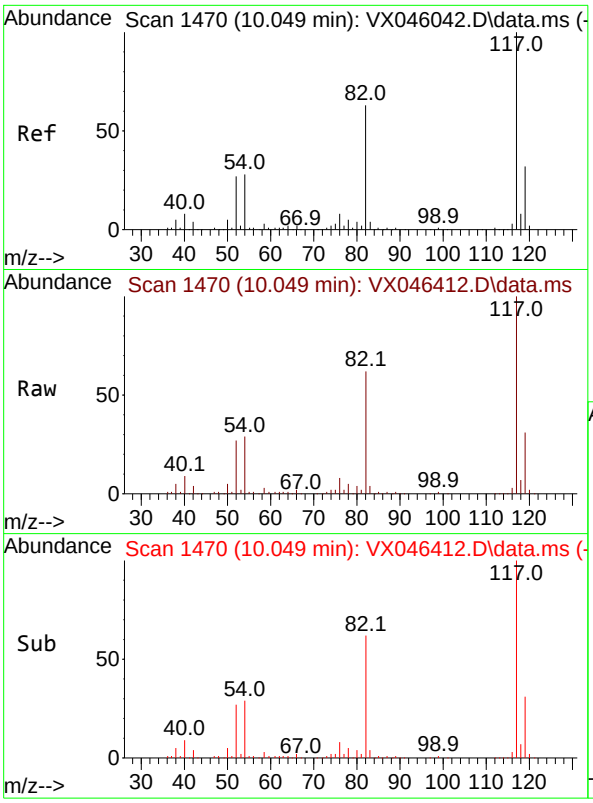


#62
4-Bromofluorobenzene
Concen: 49.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 95 Resp: 72518

Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	135.8
176	64.5	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

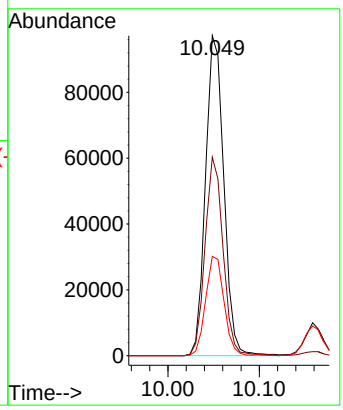
Tgt Ion:117 Resp: 13483(

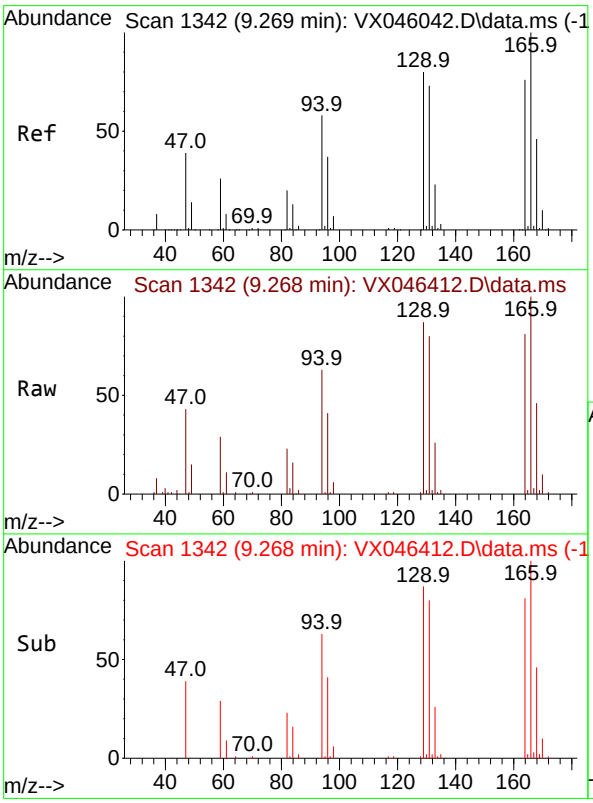
Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.6	76.0
119	31.1	25.8	38.6

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

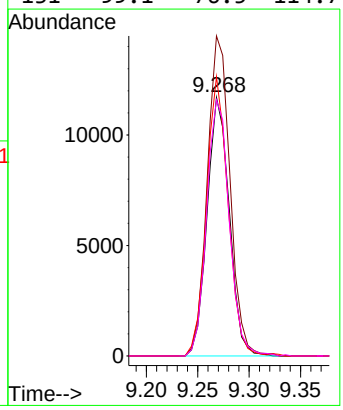


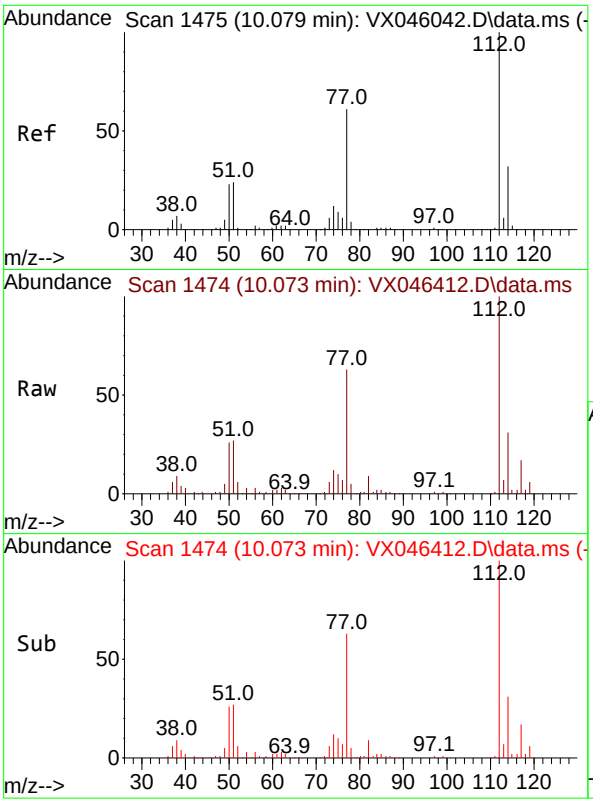


#64
Tetrachloroethene
Concen: 18.359 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:164 Resp: 17515

Ion	Ratio	Lower	Upper
164	100		
166	123.8	105.0	157.6
129	108.1	83.5	125.3
131	99.1	76.5	114.7

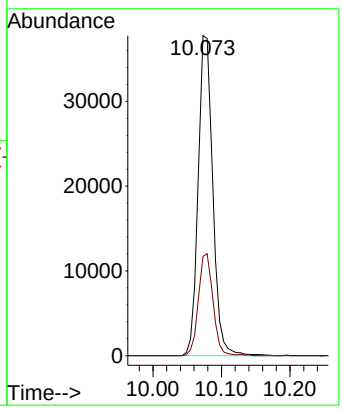




#65
Chlorobenzene
Concen: 19.079 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:112 Resp: 5630

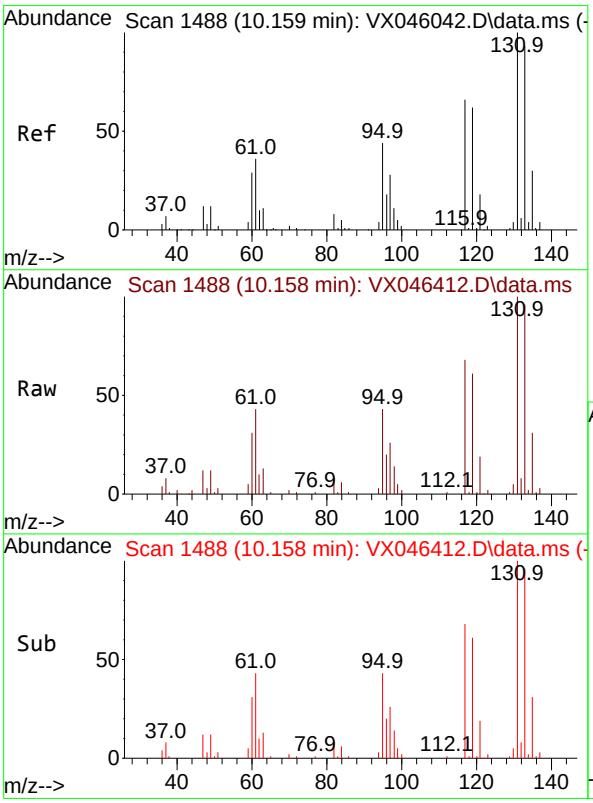
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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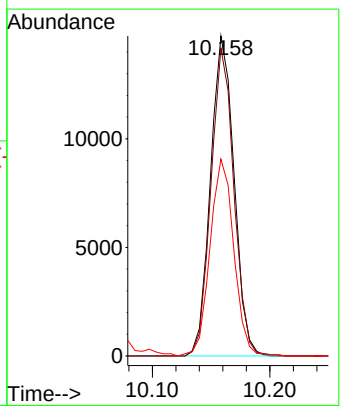
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

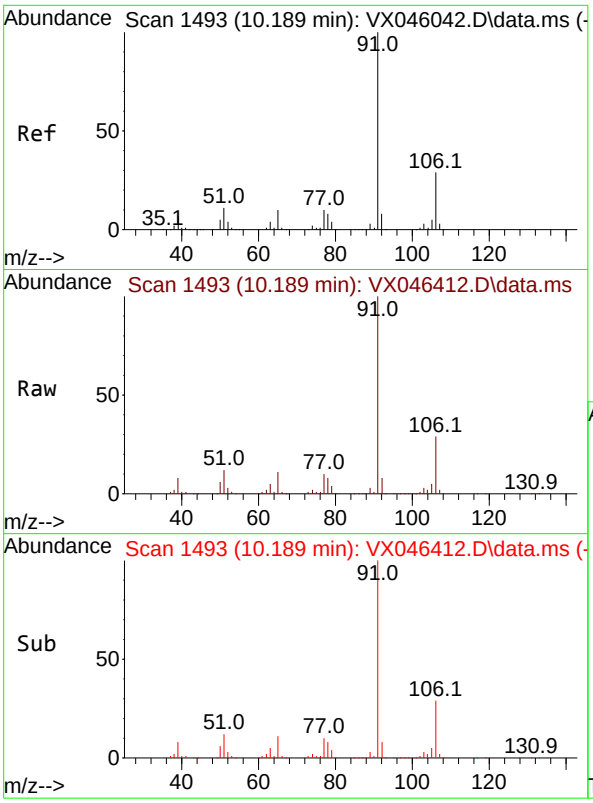


#66
1,1,1,2-Tetrachloroethane
Concen: 20.331 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:131 Resp: 20489

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.9
119	62.2	31.6	95.0

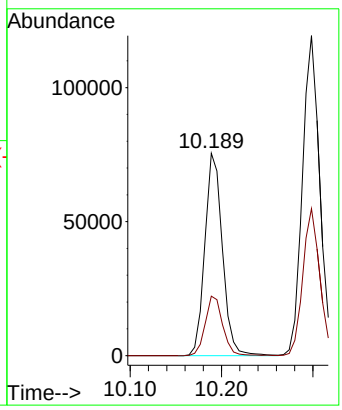




#67
Ethyl Benzene
Concen: 19.432 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 10109

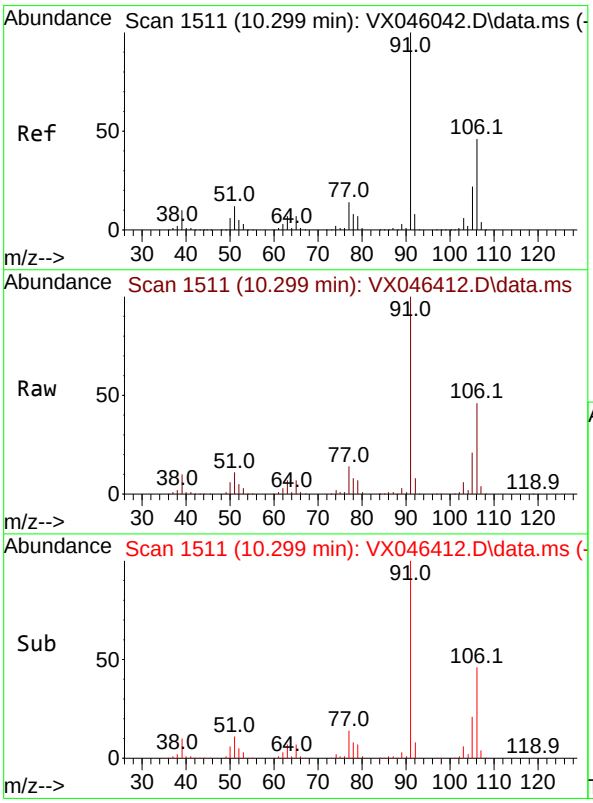
Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

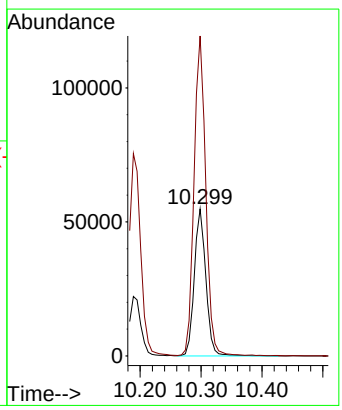
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

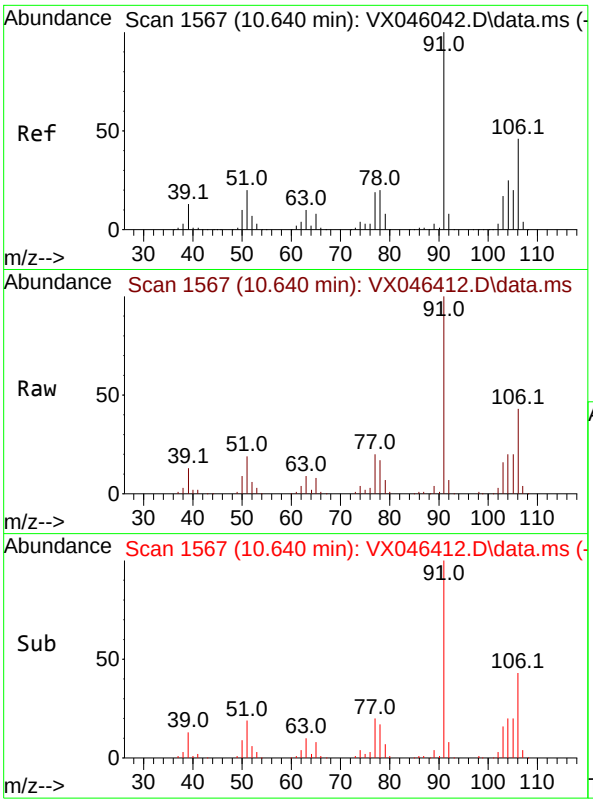


#68
m/p-Xylenes
Concen: 37.976 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:106 Resp: 72256

Ion	Ratio	Lower	Upper
106	100		
91	219.0	171.2	256.8

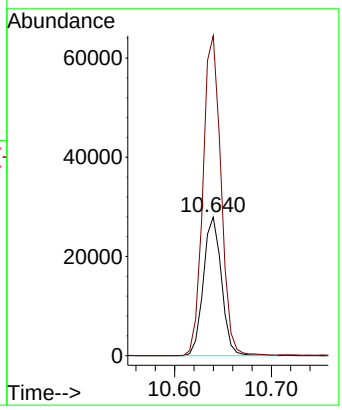




#69
o-Xylene
Concen: 19.657 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:106 Resp: 3646

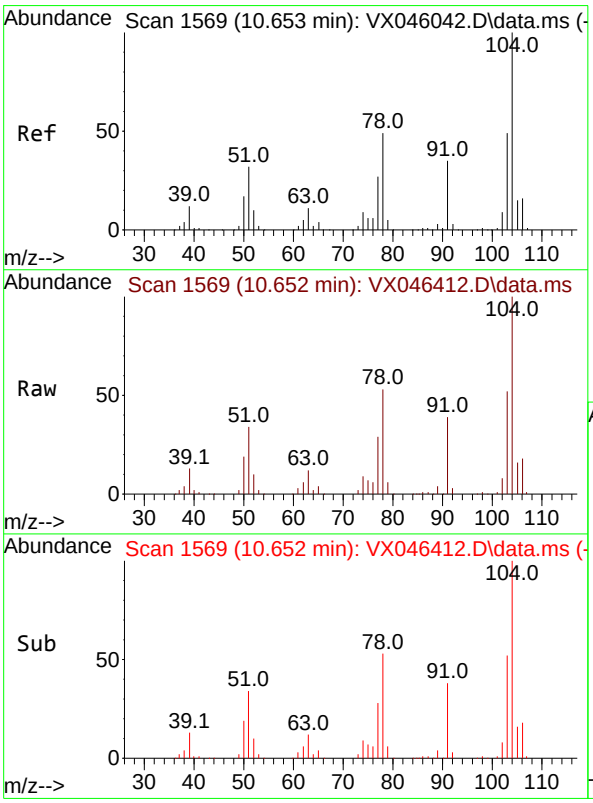
Ion	Ratio	Lower	Upper
106	100		
91	230.2	112.7	338.1



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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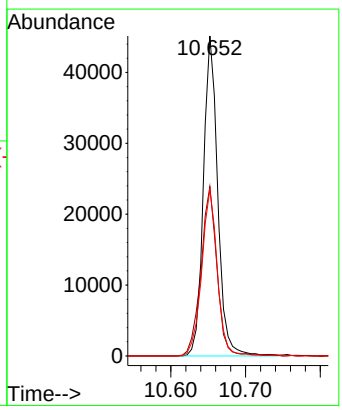
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

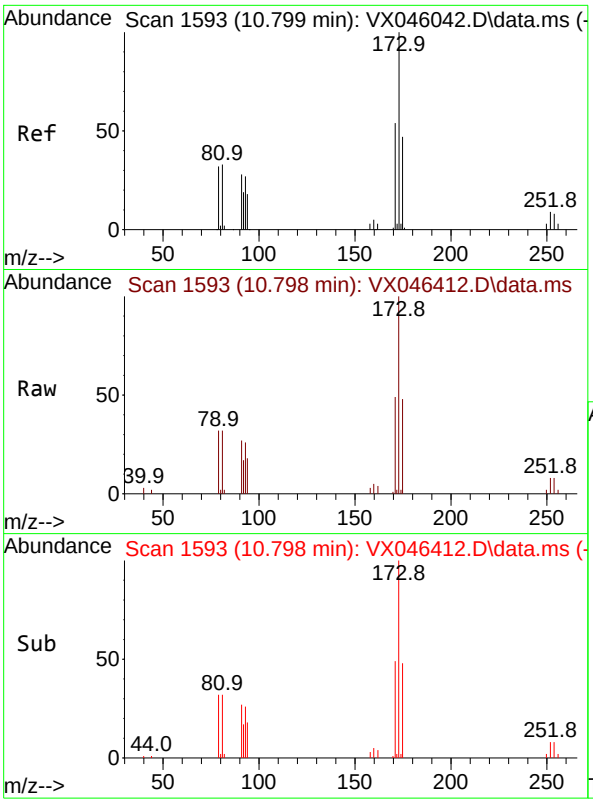


#70
Styrene
Concen: 19.835 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:104 Resp: 60271

Ion	Ratio	Lower	Upper
104	100		
78	59.1	45.7	68.5
103	56.7	43.7	65.5

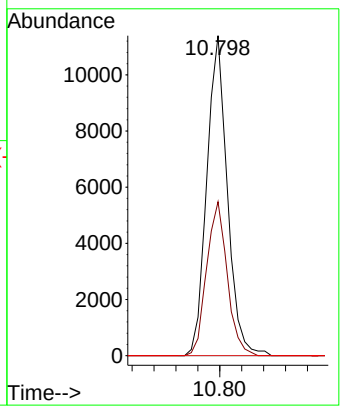




#71
Bromoform
Concen: 19.568 ug/l
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:173 Resp: 1480

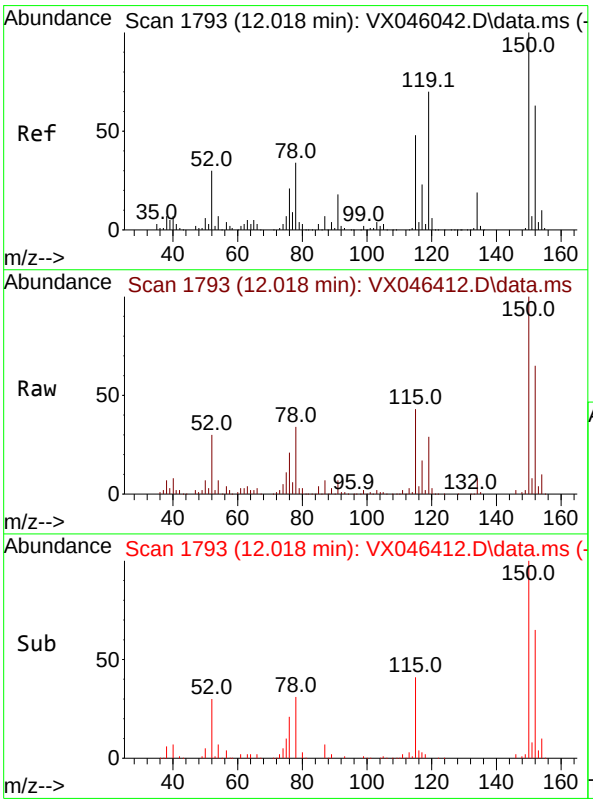
Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.4	70.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

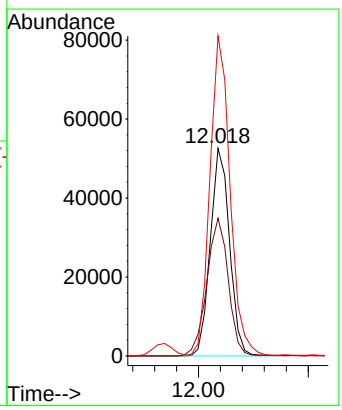
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

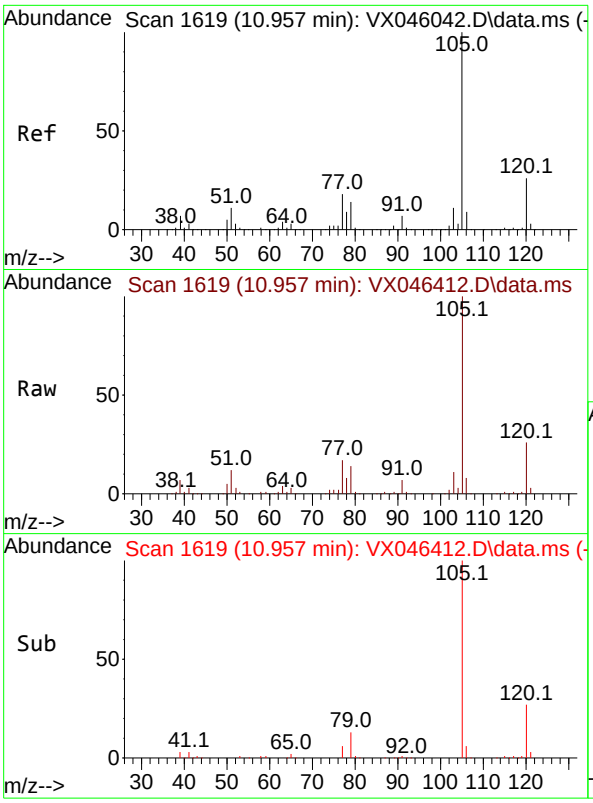


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:152 Resp: 64120

Ion	Ratio	Lower	Upper
152	100		
115	73.8	46.9	140.7
150	160.6	0.0	351.0





#73
Isopropylbenzene
Concen: 19.754 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

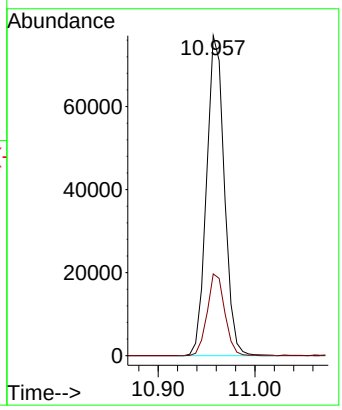
Tgt Ion:105 Resp: 9860

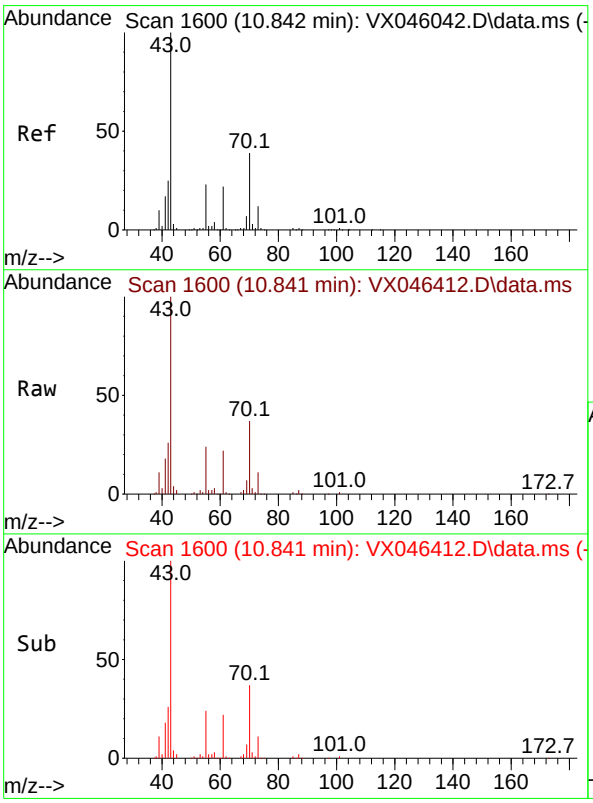
Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

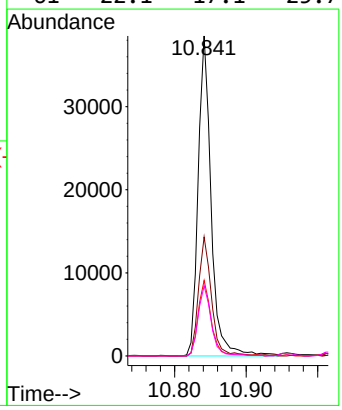


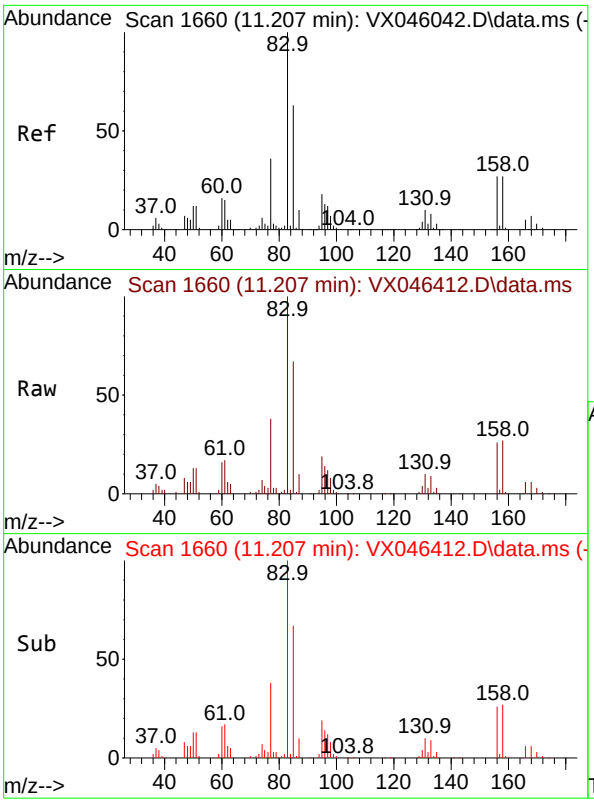


#74
N-amyl acetate
Concen: 19.671 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 48523

Ion	Ratio	Lower	Upper
43	100		
70	37.0	30.9	46.3
55	23.9	18.7	28.1
61	22.1	17.1	25.7

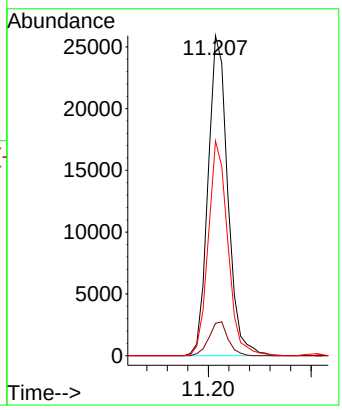




#75
1,1,2,2-Tetrachloroethane
Concen: 19.688 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 83 Resp: 3444

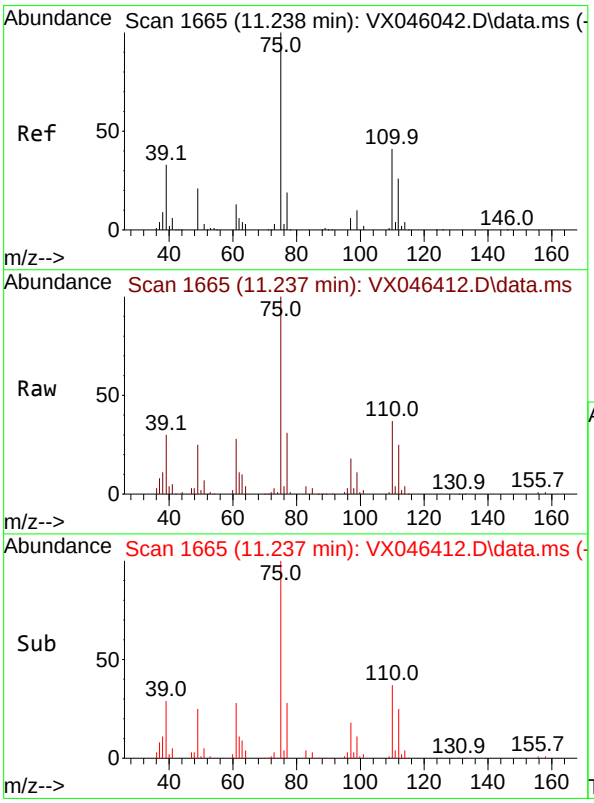
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	66.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
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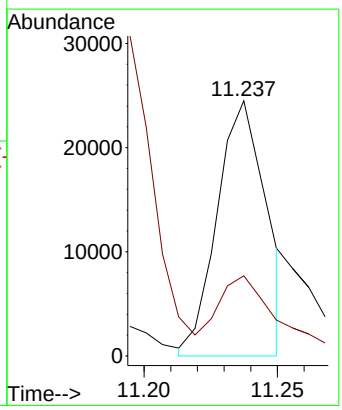
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

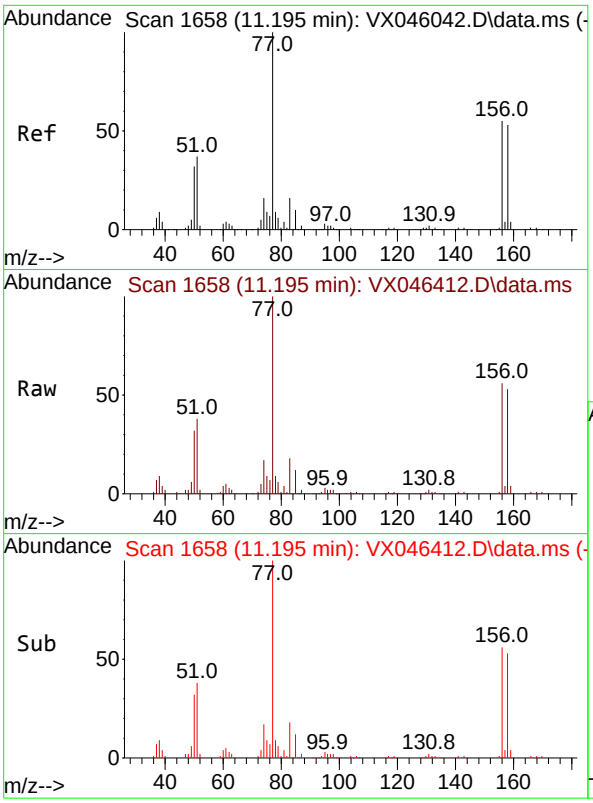


#76
1,2,3-Trichloropropane
Concen: 20.265 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 31277

Ion	Ratio	Lower	Upper
75	100		
77	39.7	20.5	61.5

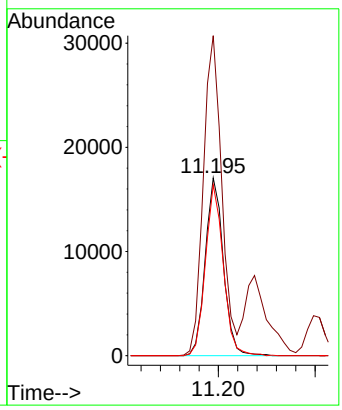




#77
Bromobenzene
Concen: 19.194 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:156 Resp: 2224

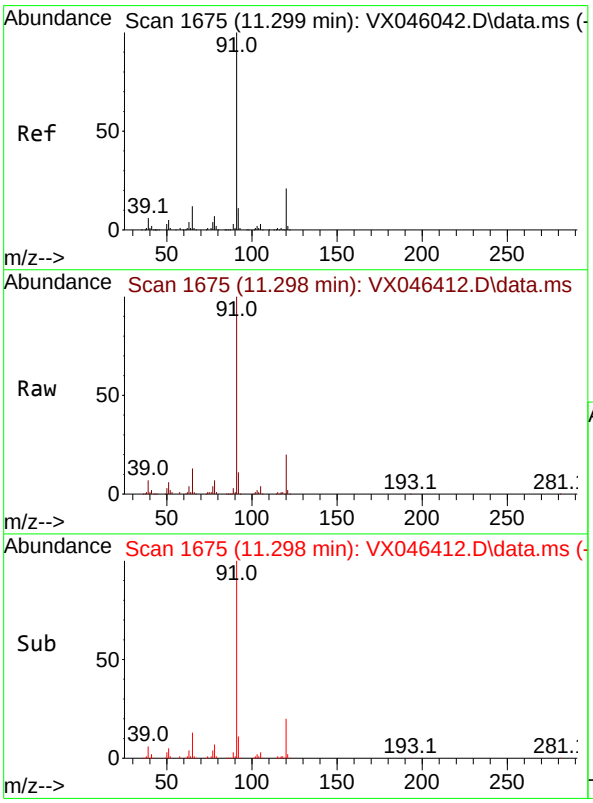
Ion	Ratio	Lower	Upper
156	100		
77	183.2	92.8	278.3
158	95.0	48.8	146.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

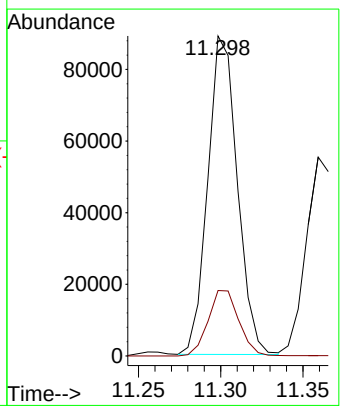
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

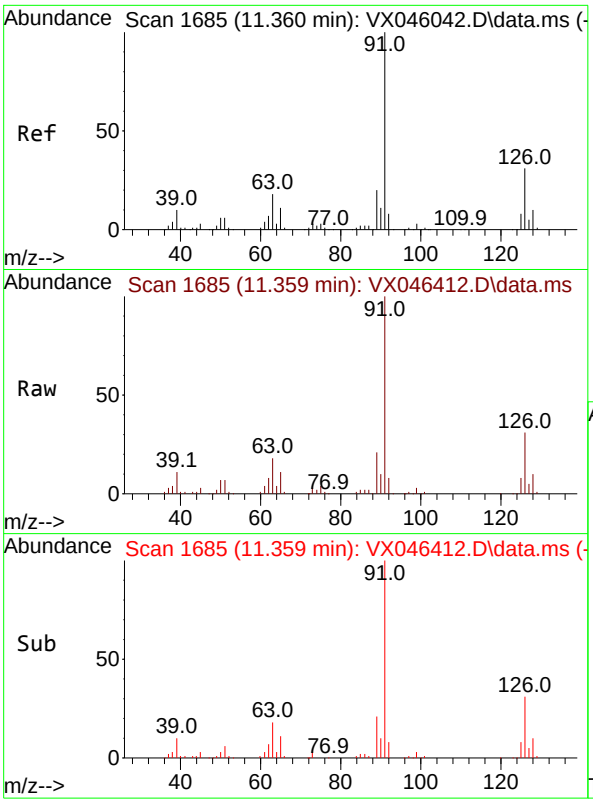


#78
n-propylbenzene
Concen: 19.157 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 111193

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4

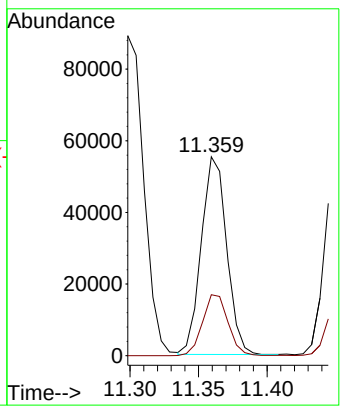




#79
2-Chlorotoluene
Concen: 19.029 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 7124

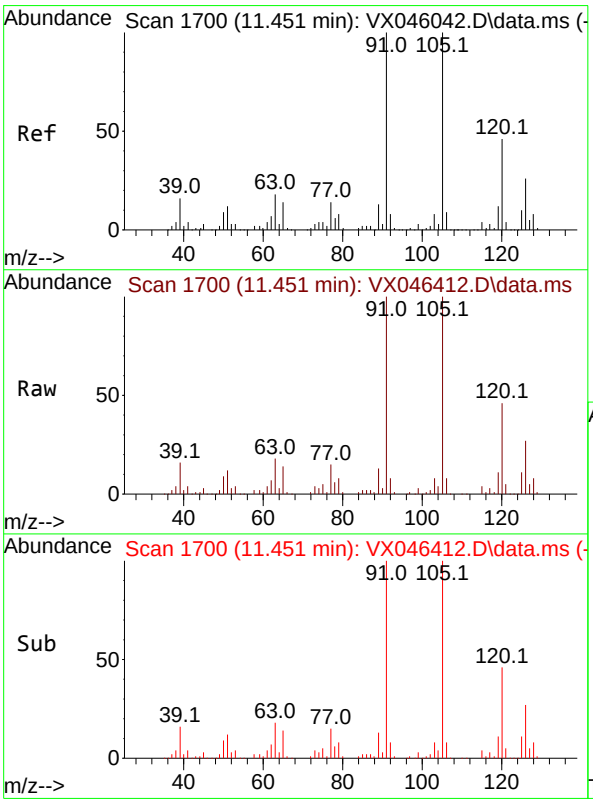
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

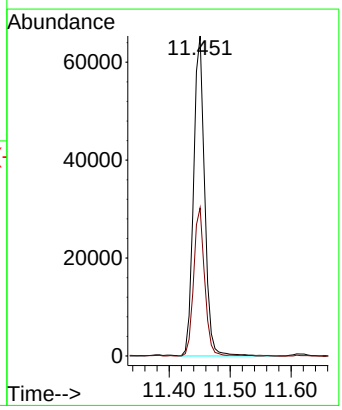
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

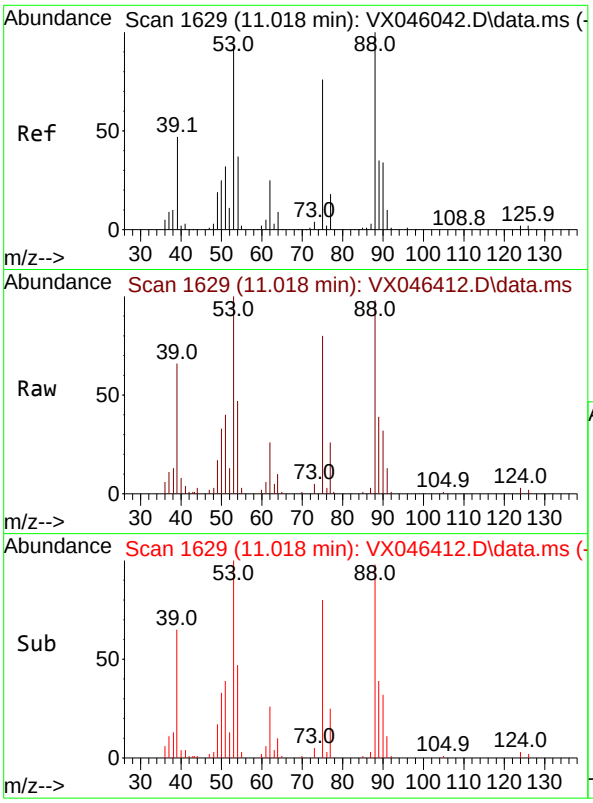


#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:105 Resp: 82619

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2

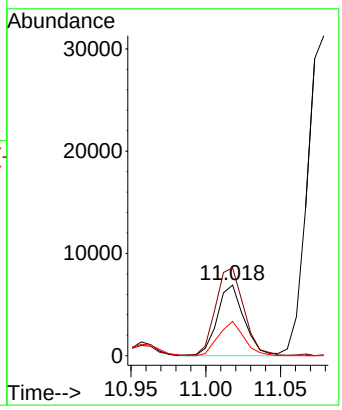




#81
trans-1,4-Dichloro-2-butene
Concen: 18.295 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 867

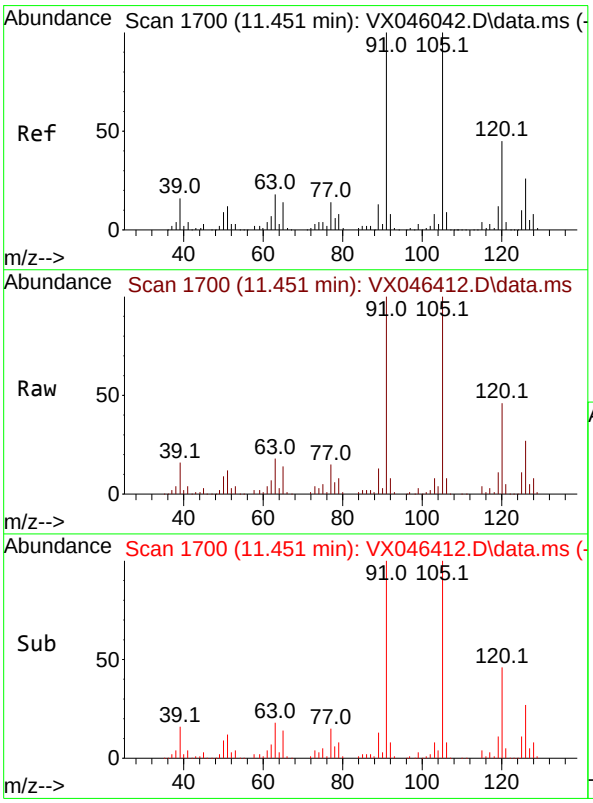
Ion	Ratio	Lower	Upper
75	100		
53	128.2	100.5	150.7
89	45.5	37.0	55.6



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

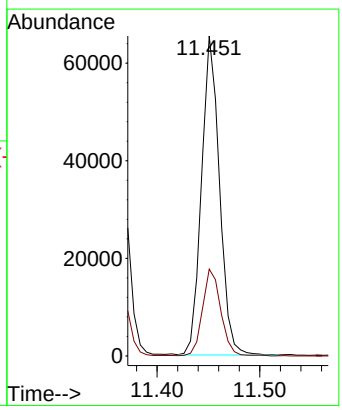
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

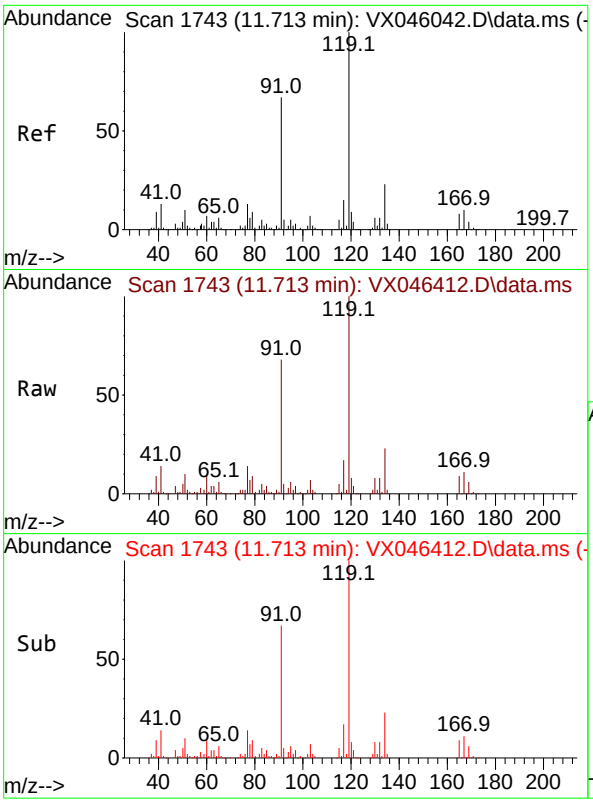


#82
4-Chlorotoluene
Concen: 19.154 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 79525

Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.3	39.8

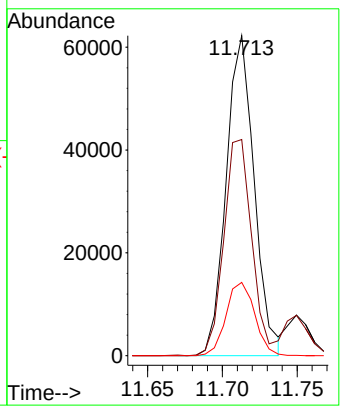




#83
tert-Butylbenzene
Concen: 19.335 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:119 Resp: 8122

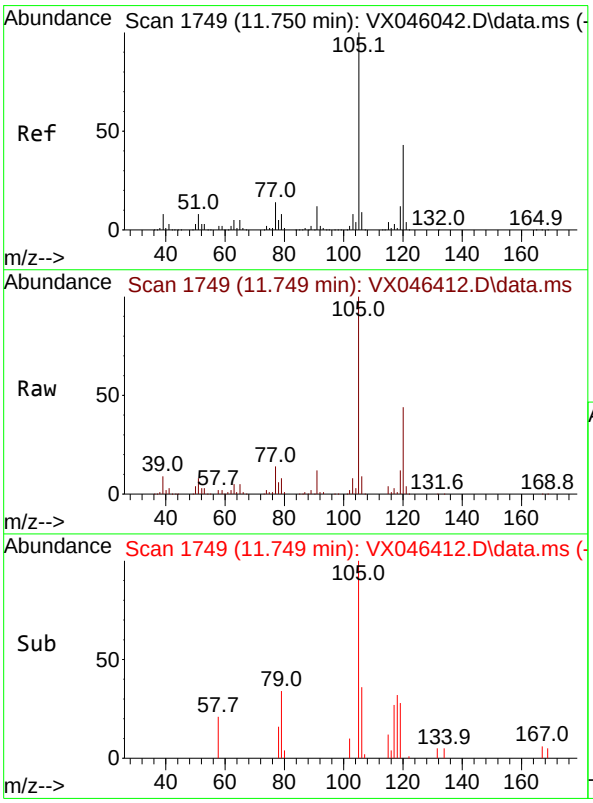
Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.9	98.7
134	23.5	11.4	34.1



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

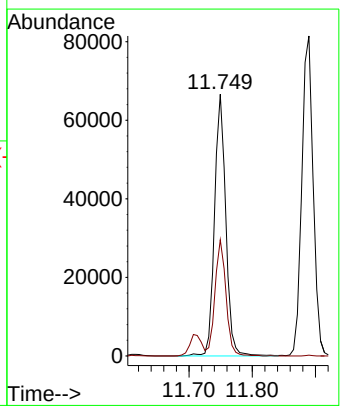
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

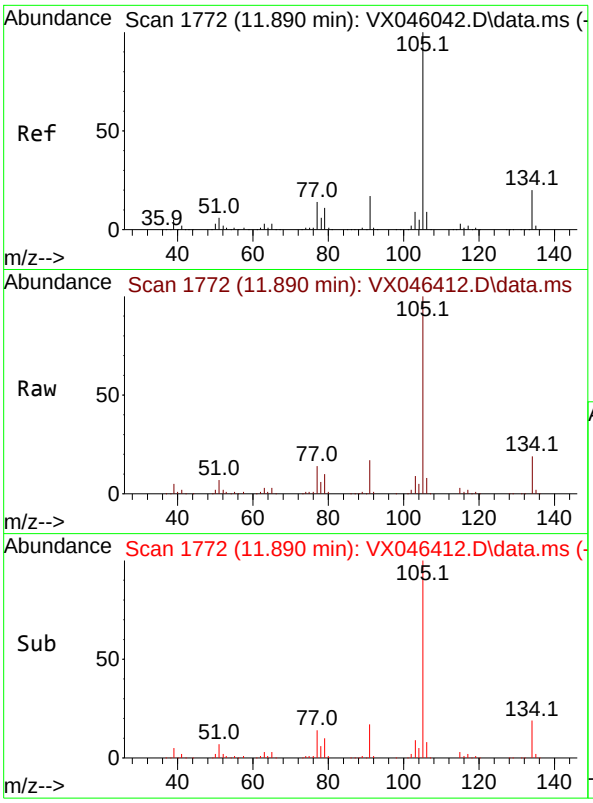


#84
1,2,4-Trimethylbenzene
Concen: 19.622 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:105 Resp: 82870

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.2	63.6

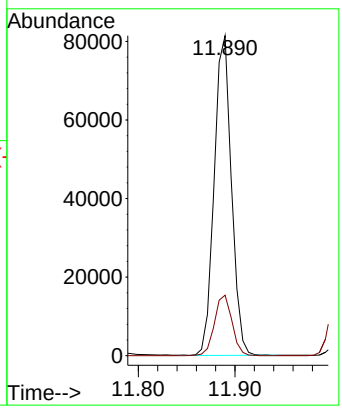




#85
sec-Butylbenzene
Concen: 19.510 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:105 Resp: 10063

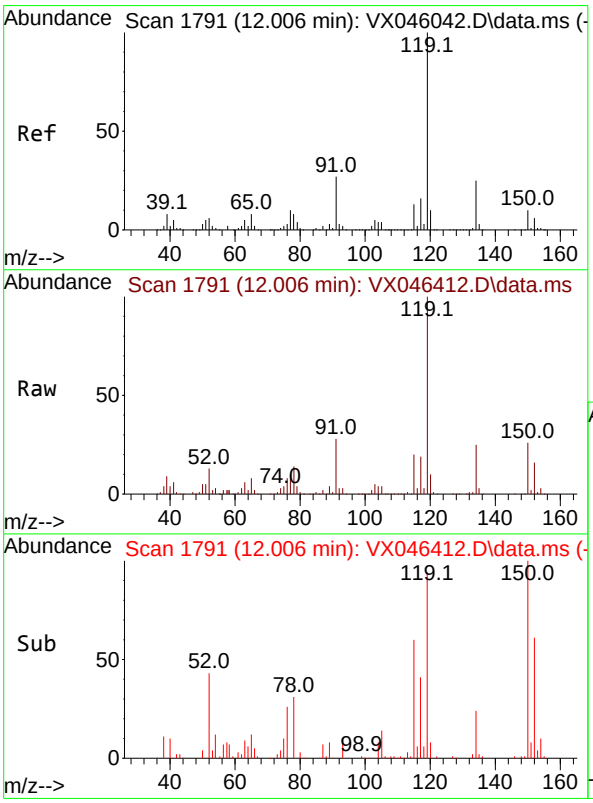
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

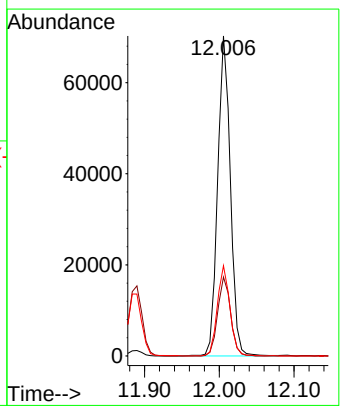
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

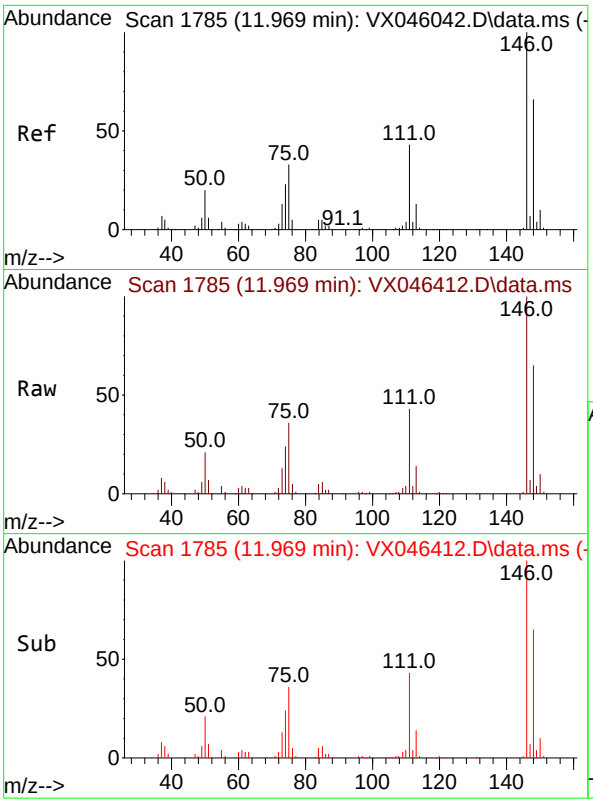


#86
p-Isopropyltoluene
Concen: 19.469 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:119 Resp: 82888

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.9	13.8	41.4

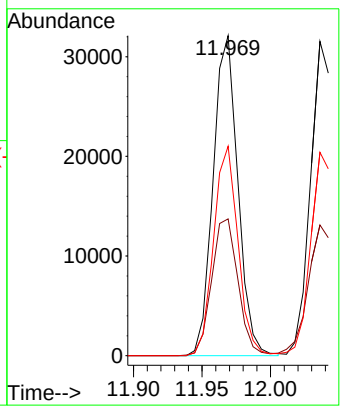




#87
1,3-Dichlorobenzene
Concen: 19.059 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:146 Resp: 4031

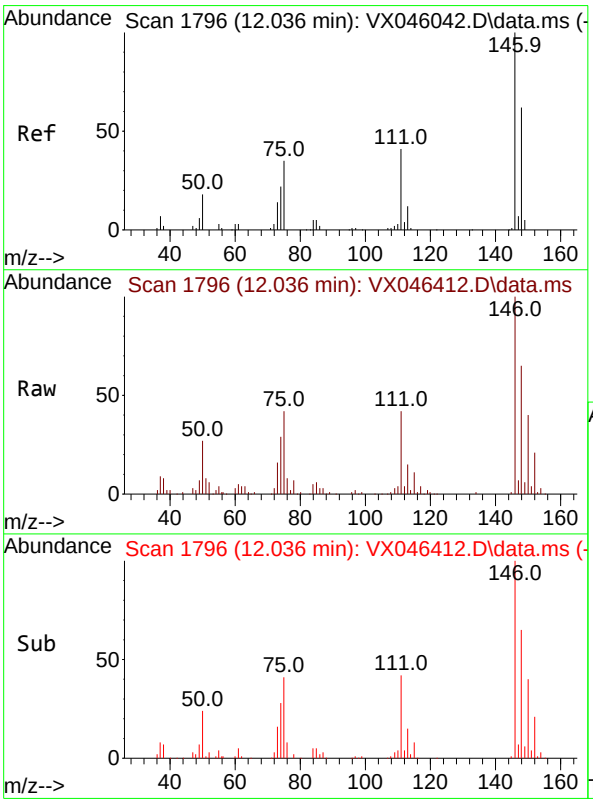
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.1	66.3
148	64.6	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

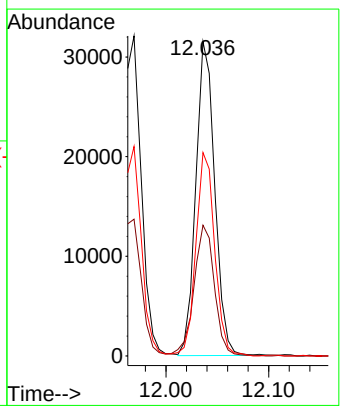
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

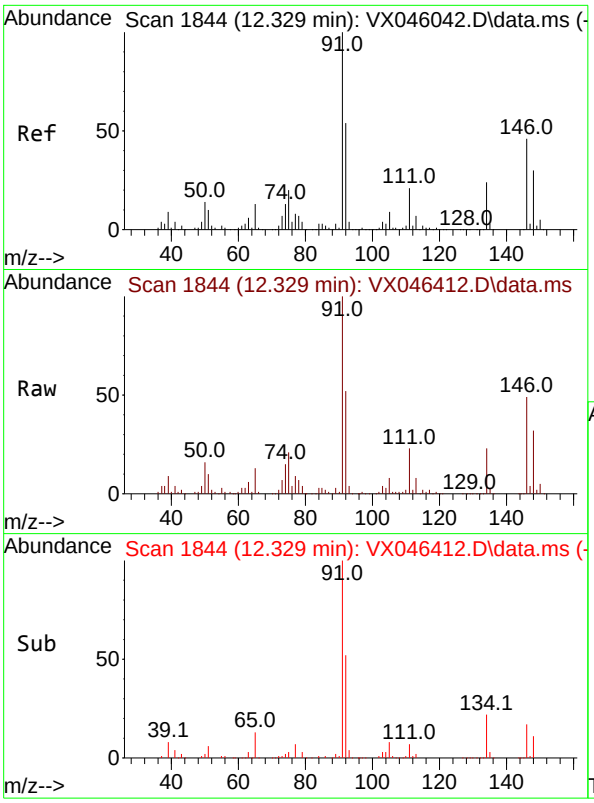


#88
1,4-Dichlorobenzene
Concen: 18.650 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:146 Resp: 40286

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.3	63.9
148	64.8	31.9	95.5

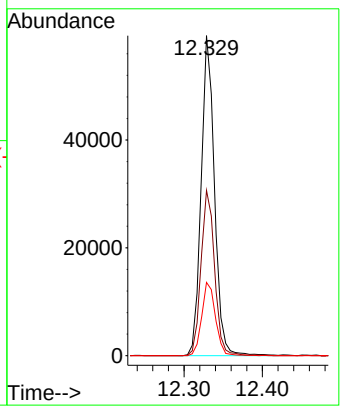




#89
n-Butylbenzene
Concen: 18.790 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 7017

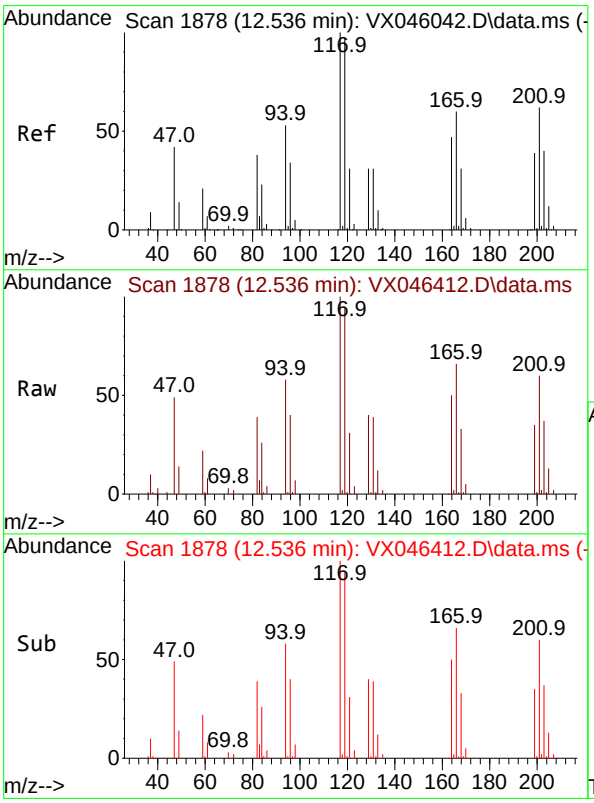
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.9	80.7
134	23.7	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

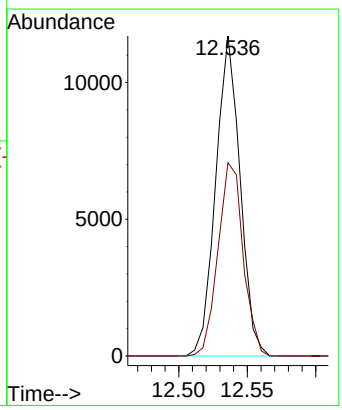
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

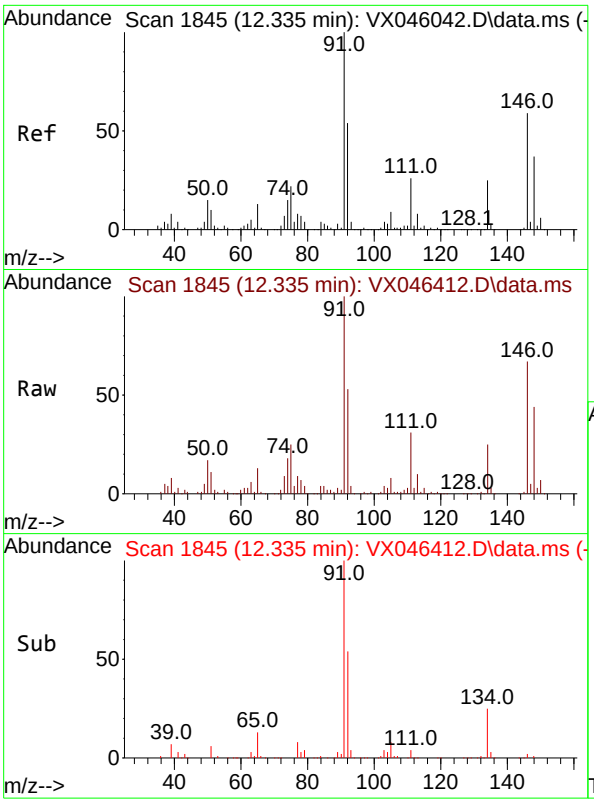


#90
Hexachloroethane
Concen: 19.249 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:117 Resp: 14438

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.6	94.7

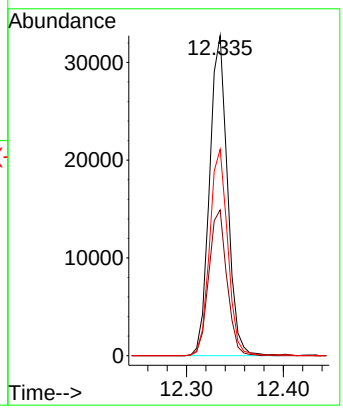




#91
1,2-Dichlorobenzene
Concen: 19.895 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:146 Resp: 4222

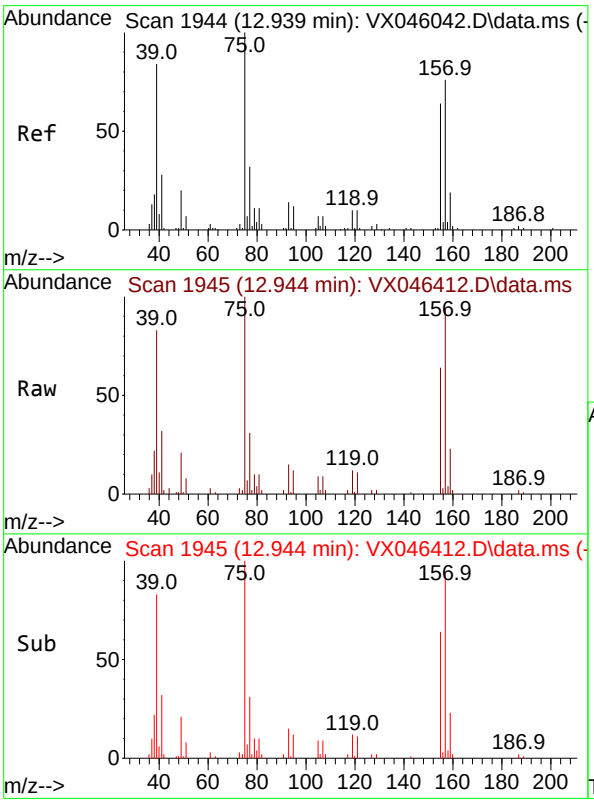
Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.4	67.3
148	64.9	31.6	94.8



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

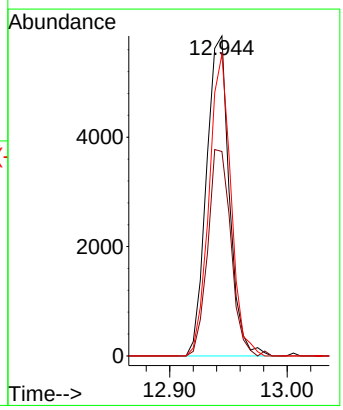
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

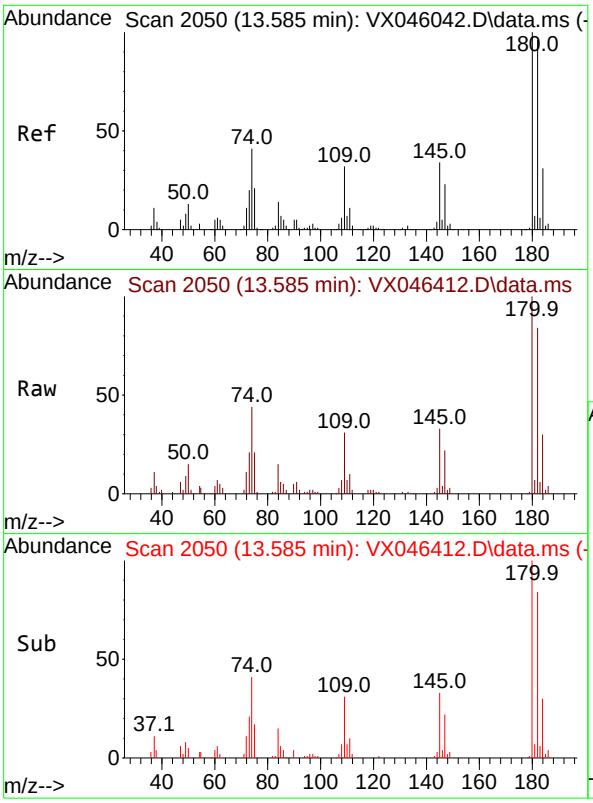


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.421 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 7914

Ion	Ratio	Lower	Upper
75	100		
155	65.4	34.9	104.8
157	90.2	43.8	131.4

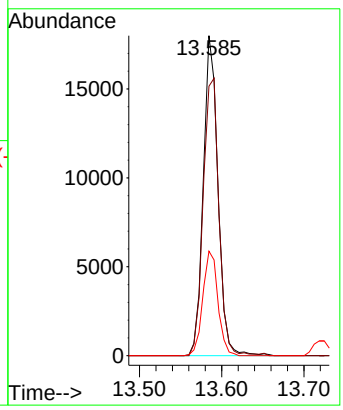




#93
1,2,4-Trichlorobenzene
Concen: 18.305 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:180 Resp: 2231

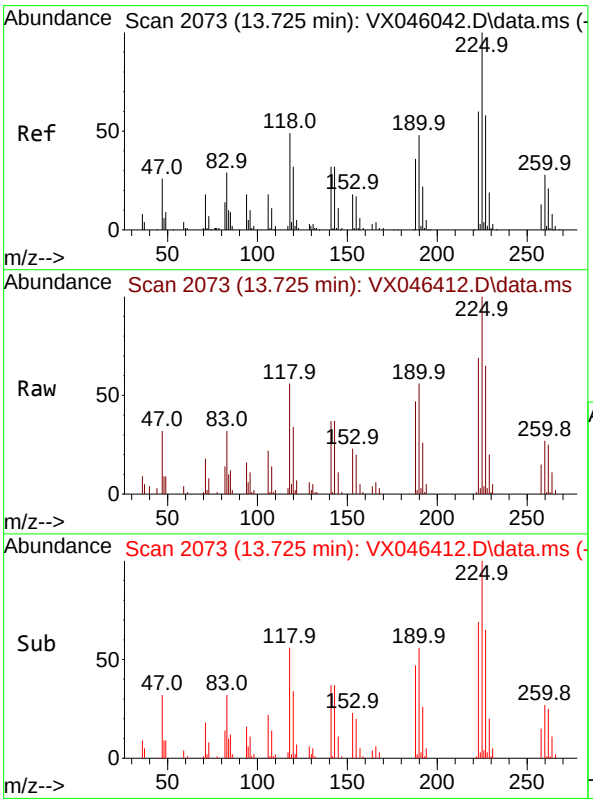
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.8
145	33.7	17.1	51.2



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations APPROVED

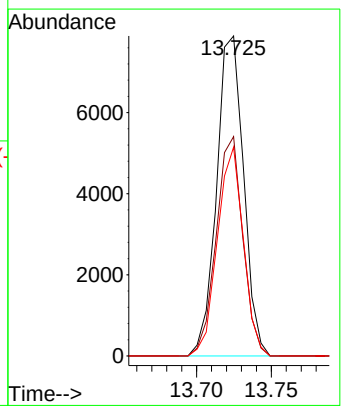
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

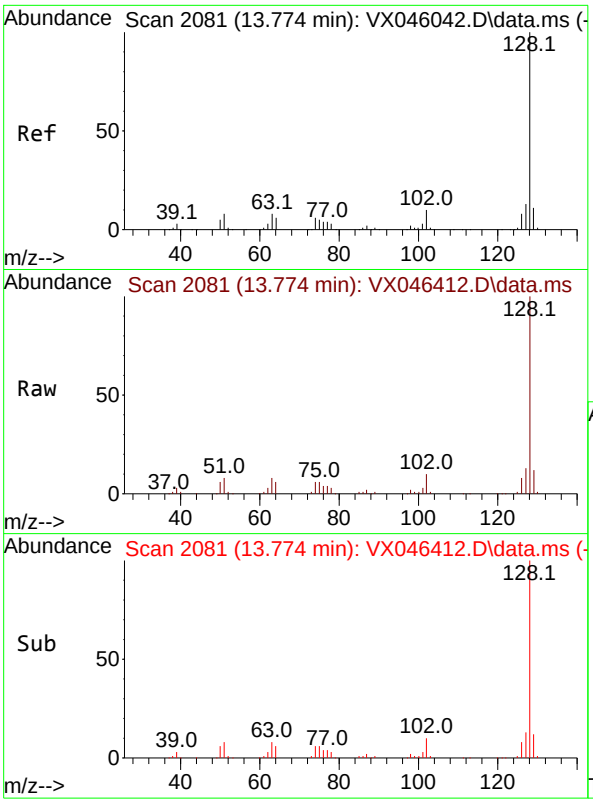


#94
Hexachlorobutadiene
Concen: 18.636 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:225 Resp: 9922

Ion	Ratio	Lower	Upper
225	100		
223	67.5	30.8	92.4
227	62.7	30.9	92.7

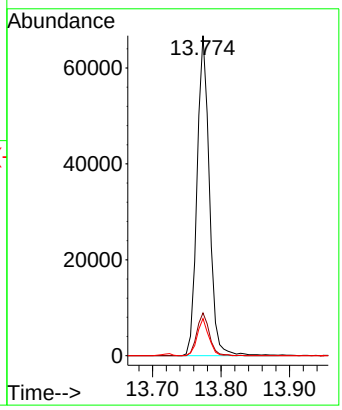




#95
Naphthalene
Concen: 18.727 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:128 Resp: 8373

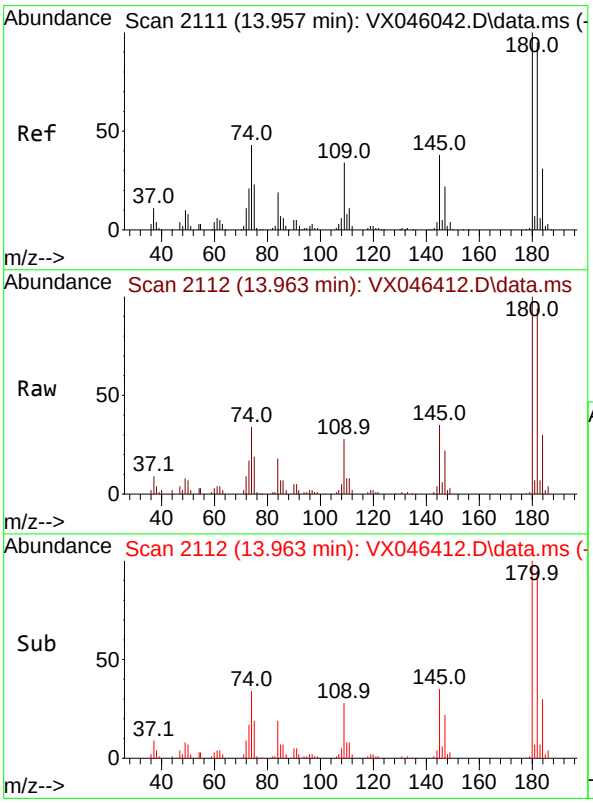
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.6	13.0



Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

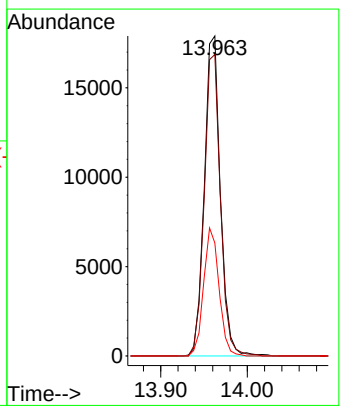
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.368 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:180 Resp: 23105

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	38.4	18.1	54.3



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:	VY0603SBS01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022513.D	1		06/03/25 11:15	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	18.4		1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.8		0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	21.3		1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.2		1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.2		1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	140		4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.8		1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.3		0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	18.5		3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.6		0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.2		0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.2		0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.5		0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	21.1		0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.8		0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	21.3		0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.9		0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.0		3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	20.1		0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.7		0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.6		0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.2		0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	12.5	25.0	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0603SBS01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022513.D	1		06/03/25 11:15	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	19.8		0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.2		1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.3		0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.2		1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	20.0		0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	19.9		0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	18.6		0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.4		1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.0		1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.8		1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.0		71 - 136		100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.5		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	198000	7.707				
540-36-3	1,4-Difluorobenzene	338000	8.615				
3114-55-4	Chlorobenzene-d5	284000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	197612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	337632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110445	49.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.940%			
35) Dibromofluoromethane	7.634	113	102818	51.020	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.040%			
50) Toluene-d8	10.109	98	418973	51.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.407	95	118916	49.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39051	22.073	ug/l	95
3) Chloromethane	2.074	50	96334	18.431	ug/l	98
4) Vinyl Chloride	2.208	62	126140	20.803	ug/l	96
5) Bromomethane	2.592	94	117107	20.151	ug/l	98
6) Chloroethane	2.732	64	88804	21.338	ug/l	96
7) Trichlorofluoromethane	3.049	101	114182	22.182	ug/l	99
8) Diethyl Ether	3.458	74	24346	21.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	46051	21.242	ug/l	99
10) Methyl Iodide	4.007	142	43818	18.677	ug/l	100
11) Tert butyl alcohol	4.872	59	15349	97.233	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	43949	21.208	ug/l	95
13) Acrolein	3.653	56	20560	104.508	ug/l	97
14) Allyl chloride	4.391	41	67413	20.722	ug/l	98
15) Acrylonitrile	5.067	53	48448	98.683	ug/l	98
16) Acetone	3.872	43	64637	144.004	ug/l	97
17) Carbon Disulfide	4.110	76	138205	20.831	ug/l	100
18) Methyl Acetate	4.391	43	27356	20.581	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	118612	20.321	ug/l	96
20) Methylene Chloride	4.616	84	47160	18.497	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	47664	20.551	ug/l	98
22) Diisopropyl ether	6.018	45	150165	20.737	ug/l	95
23) Vinyl Acetate	5.963	43	425369	99.247	ug/l	100
24) 1,1-Dichloroethane	5.921	63	90453	21.203	ug/l	98
25) 2-Butanone	6.902	43	76024	117.421	ug/l	90
26) 2,2-Dichloropropane	6.884	77	81323	21.575	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55057	20.538	ug/l	97
28) Bromochloromethane	7.244	49	39559	21.273	ug/l	96
29) Tetrahydrofuran	7.262	42	40474	96.924	ug/l	100
30) Chloroform	7.427	83	88966	21.055	ug/l	94
31) Cyclohexane	7.701	56	85871	20.219	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	79604	21.222	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66890	20.451	ug/l	99
37) Ethyl Acetate	6.994	43	28280	19.388	ug/l	97
38) Carbon Tetrachloride	7.817	117	67799	20.206	ug/l	95
39) Methylcyclohexane	9.109	83	87053	19.805	ug/l	98
40) Benzene	8.085	78	200164	20.720	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	15933	18.701	ug/l		96
42) 1,2-Dichloroethane	8.158	62	53923	20.443	ug/l		99
43) Isopropyl Acetate	8.201	43	60985	19.359	ug/l	#	87
44) Trichloroethene	8.865	130	50394	21.344	ug/l		95
45) 1,2-Dichloropropane	9.146	63	47626	20.860	ug/l		99
46) Dibromomethane	9.231	93	24877	19.368	ug/l		97
47) Bromodichloromethane	9.426	83	67673	20.778	ug/l		95
48) Methyl methacrylate	9.225	41	27658	18.707	ug/l		96
49) 1,4-Dioxane	9.237	88	5752	378.003	ug/l	#	89
51) 4-Methyl-2-Pentanone	9.999	43	150751	95.984	ug/l		100
52) Toluene	10.170	92	122301	20.145	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	60125	19.703	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	73109	20.581	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	33009	20.154	ug/l		95
56) Ethyl methacrylate	10.438	69	44052	18.609	ug/l		99
57) 1,3-Dichloropropane	10.719	76	57905	19.947	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	104791	97.502	ug/l		99
59) 2-Hexanone	10.761	43	113080	107.655	ug/l		99
60) Dibromochloromethane	10.908	129	41162	19.776	ug/l		99
61) 1,2-Dibromoethane	11.017	107	30056	20.134	ug/l		95
64) Tetrachloroethene	10.646	164	51847	21.203	ug/l		99
65) Chlorobenzene	11.444	112	127590	20.283	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.517	131	42827	20.210	ug/l		99
67) Ethyl Benzene	11.517	91	236274	20.251	ug/l		99
68) m/p-Xylenes	11.627	106	177595	40.152	ug/l		99
69) o-Xylene	11.956	106	83043	20.025	ug/l		99
70) Styrene	11.969	104	136395	19.898	ug/l		99
71) Bromoform	12.133	173	21024	18.644	ug/l	#	99
73) Isopropylbenzene	12.255	105	218088	20.130	ug/l		100
74) N-amyl acetate	12.072	43	51955	19.006	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33056	18.590	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	27133m	17.973	ug/l		
77) Bromobenzene	12.529	156	44250	19.355	ug/l		95
78) n-propylbenzene	12.596	91	268379	20.282	ug/l		100
79) 2-Chlorotoluene	12.682	91	140839	20.082	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	169137	19.885	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	12442	19.903	ug/l		92
82) 4-Chlorotoluene	12.779	91	144089	19.916	ug/l		100
83) tert-Butylbenzene	12.999	119	155396	20.356	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	167992	19.747	ug/l		100
85) sec-Butylbenzene	13.176	105	234207	20.032	ug/l		100
86) p-Isopropyltoluene	13.291	119	188849	19.596	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	89632	19.350	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	89737	19.974	ug/l		100
89) n-Butylbenzene	13.615	91	183570	20.077	ug/l		100
90) Hexachloroethane	13.883	117	38158	20.338	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	77708	19.759	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4880	18.850	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	40402	18.836	ug/l		97
94) Hexachlorobutadiene	15.023	225	23265	19.652	ug/l		99
95) Naphthalene	15.145	128	74961	18.211	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	35695	19.418	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

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

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

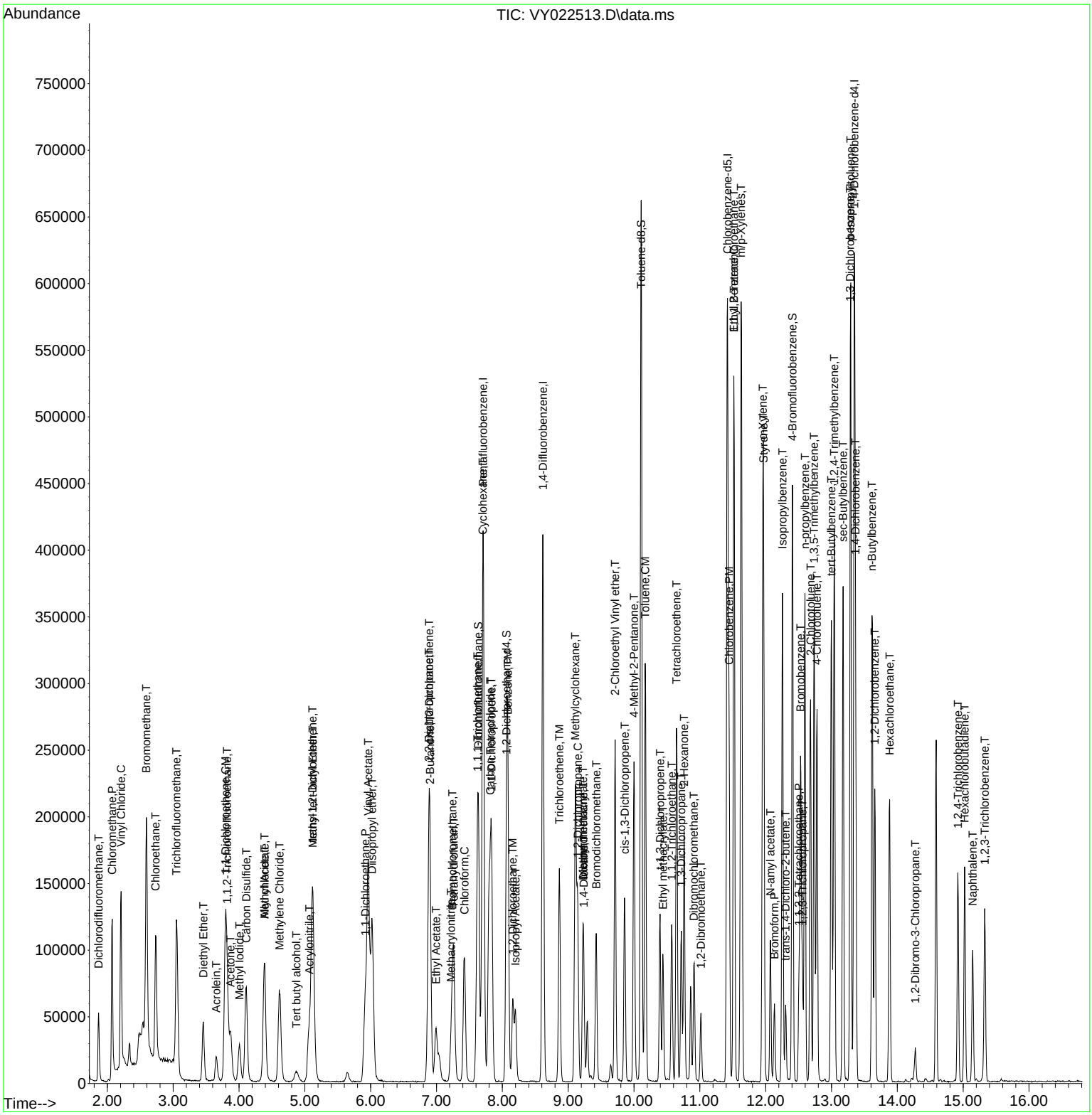
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

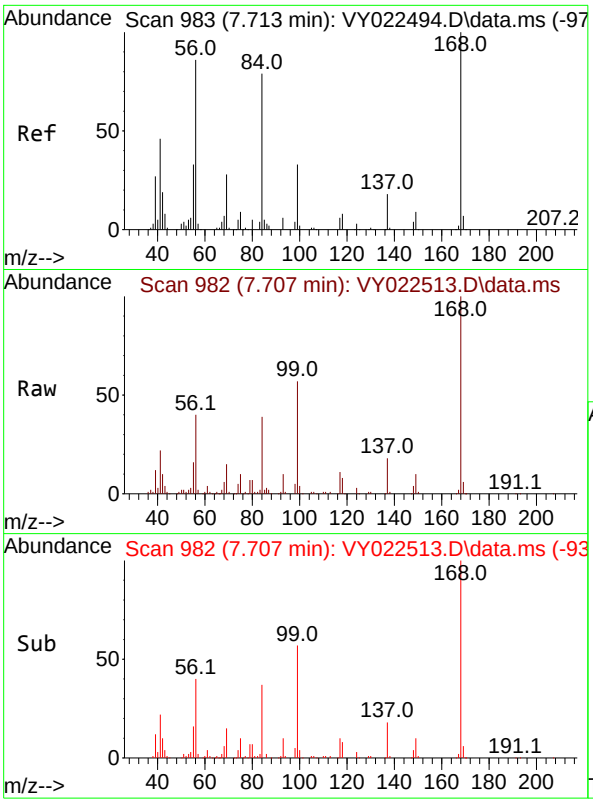
Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

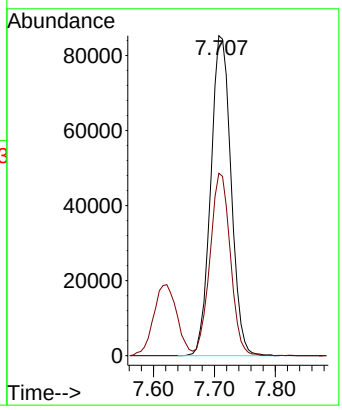




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:168 Resp: 19761

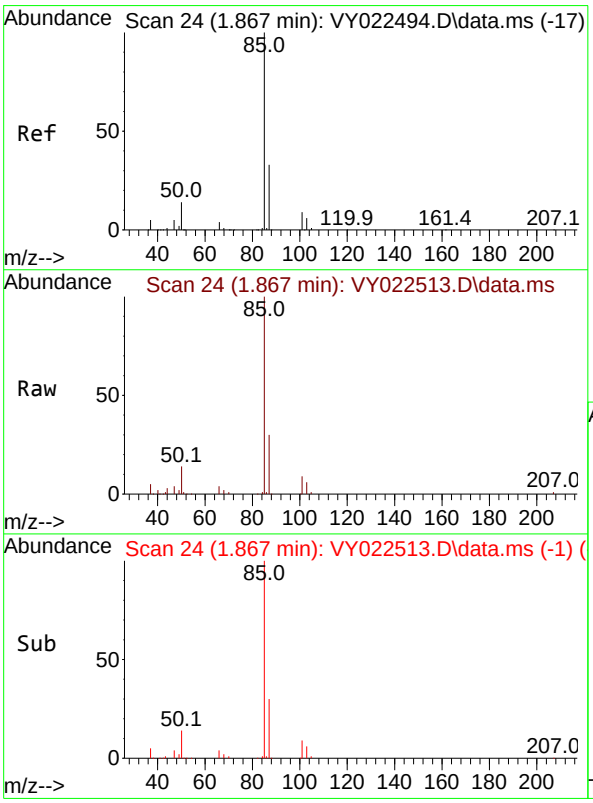
Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

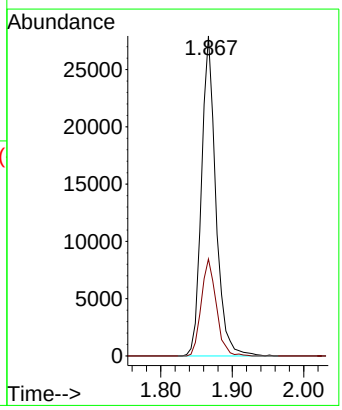
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

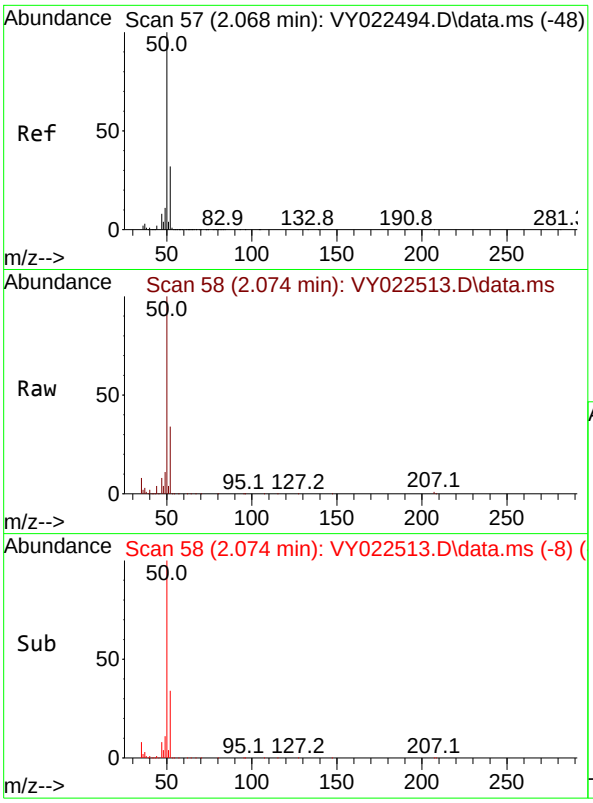


#2
Dichlorodifluoromethane
Concen: 22.073 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 85 Resp: 39051

Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.7	50.0

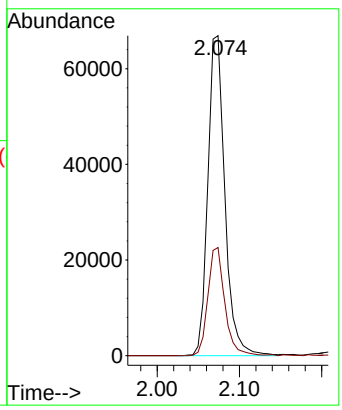




#3
Chloromethane
Concen: 18.431 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 50 Resp: 9633

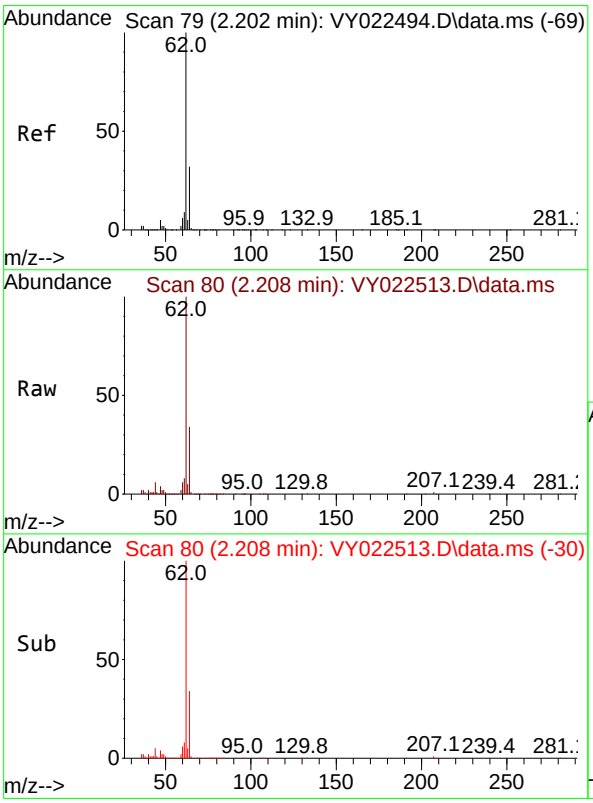
Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

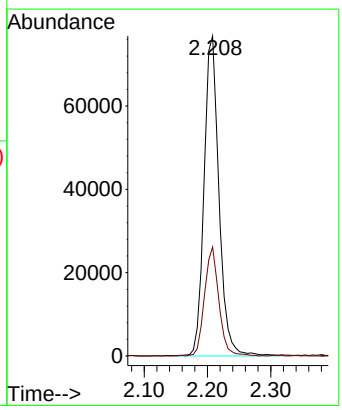
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

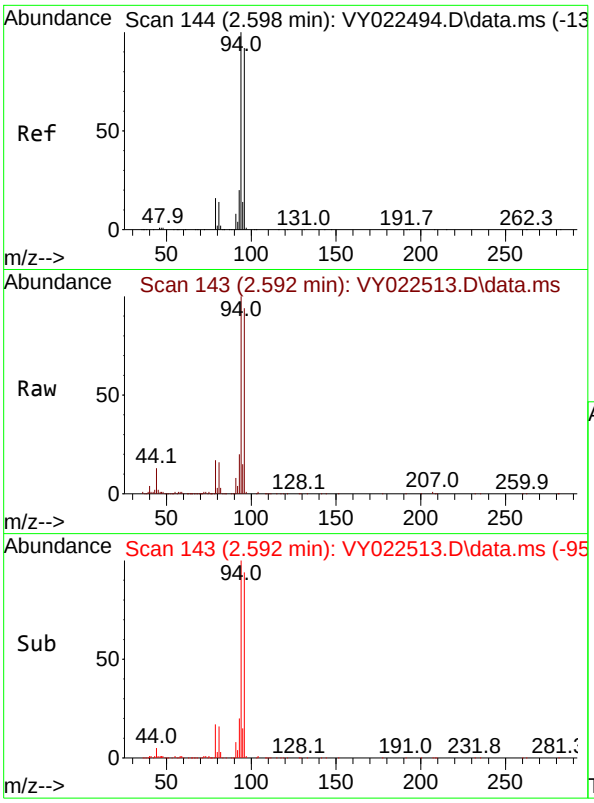


#4
Vinyl Chloride
Concen: 20.803 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 62 Resp: 126140

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.3	37.9

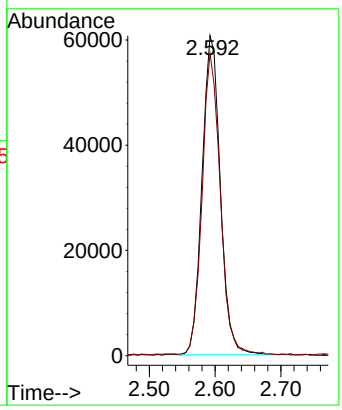




#5
Bromomethane
Concen: 20.151 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 94 Resp: 11710

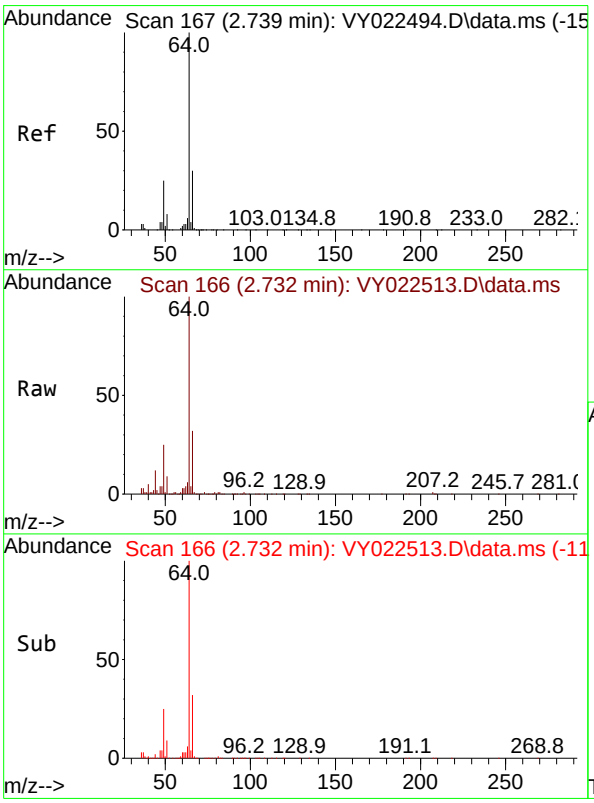
Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.0	111.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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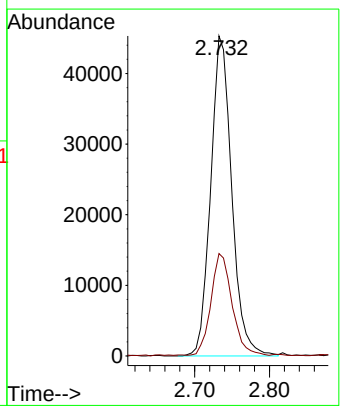
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

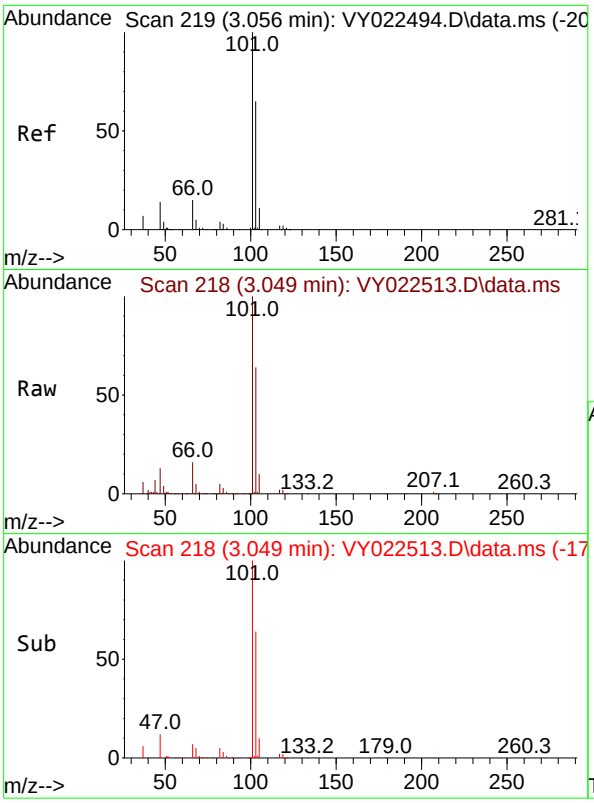


#6
Chloroethane
Concen: 21.338 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 64 Resp: 88804

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6

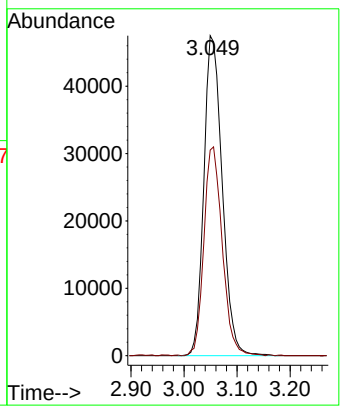




#7
Trichlorofluoromethane
Concen: 22.182 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:101 Resp: 11418

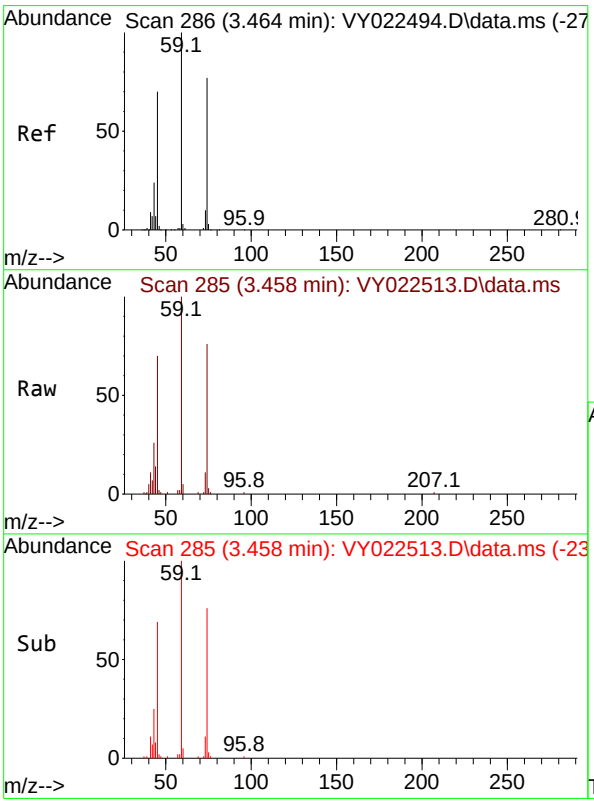
Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

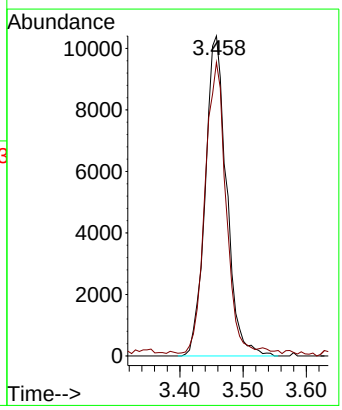
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

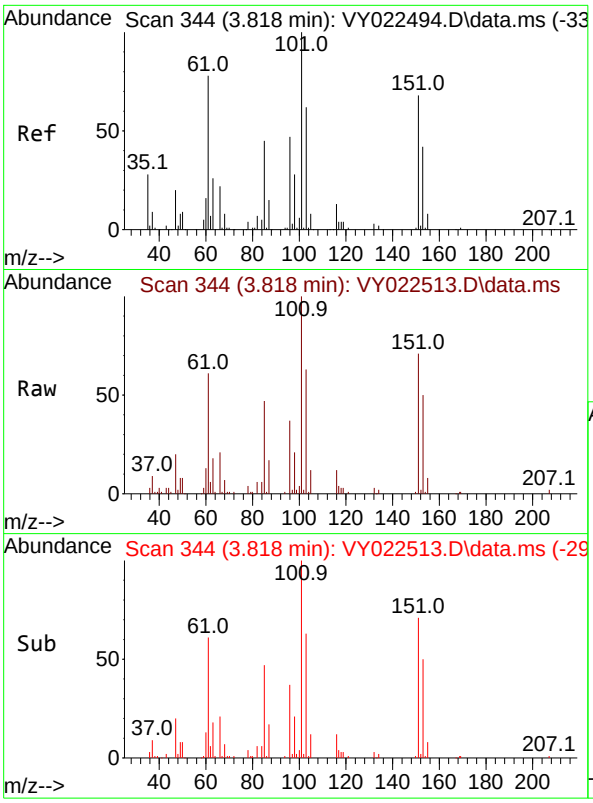


#8
Diethyl Ether
Concen: 21.002 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 74 Resp: 24346

Ion	Ratio	Lower	Upper
74	100		
45	88.7	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.242 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

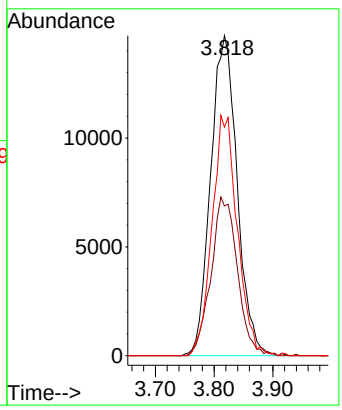
Tgt Ion:101 Resp: 4605

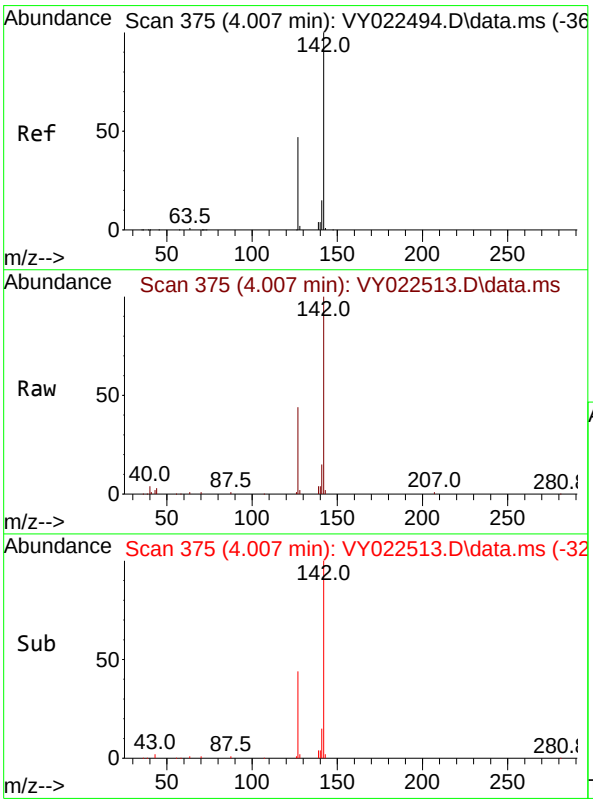
Ion	Ratio	Lower	Upper
101	100		
85	49.3	39.3	58.9
151	71.8	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

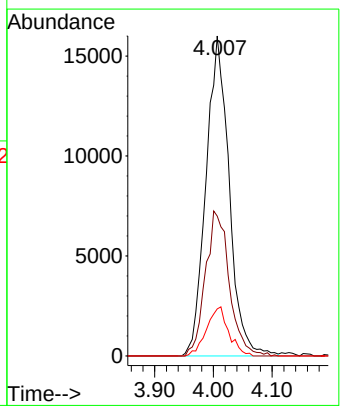


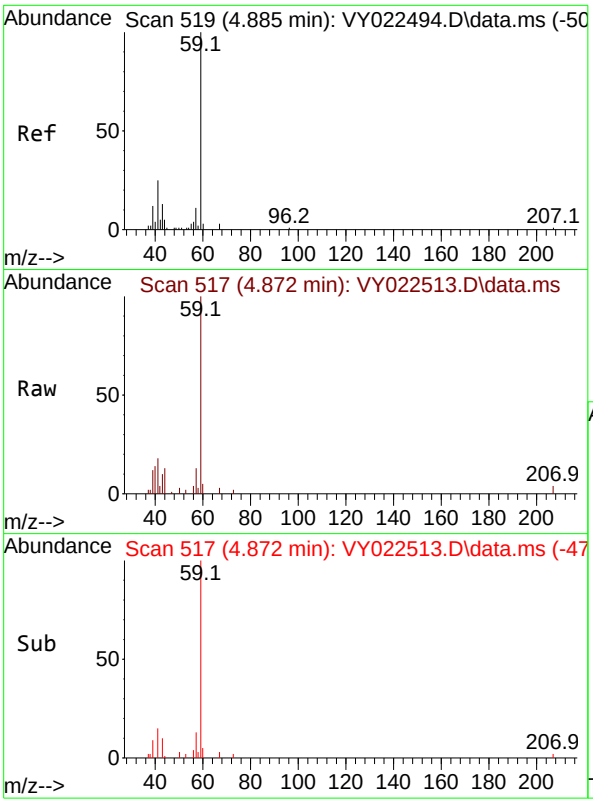


#10
Methyl Iodide
Concen: 18.677 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:142 Resp: 43818

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.1	55.7
141	14.7	11.4	17.2

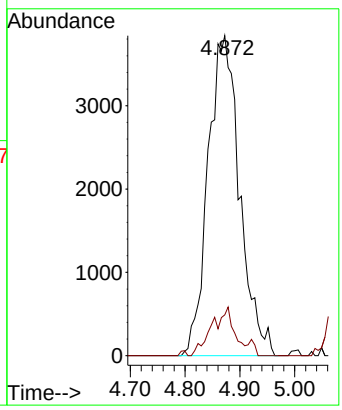




#11
Tert butyl alcohol
Concen: 97.233 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 59 Resp: 1534

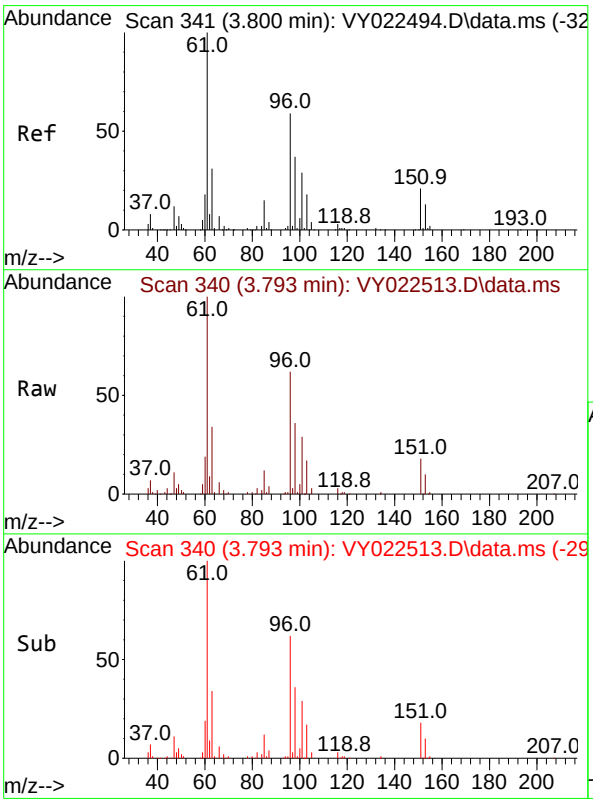
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

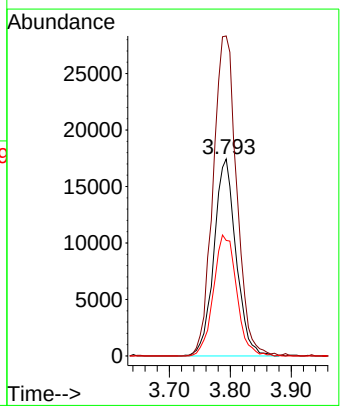
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

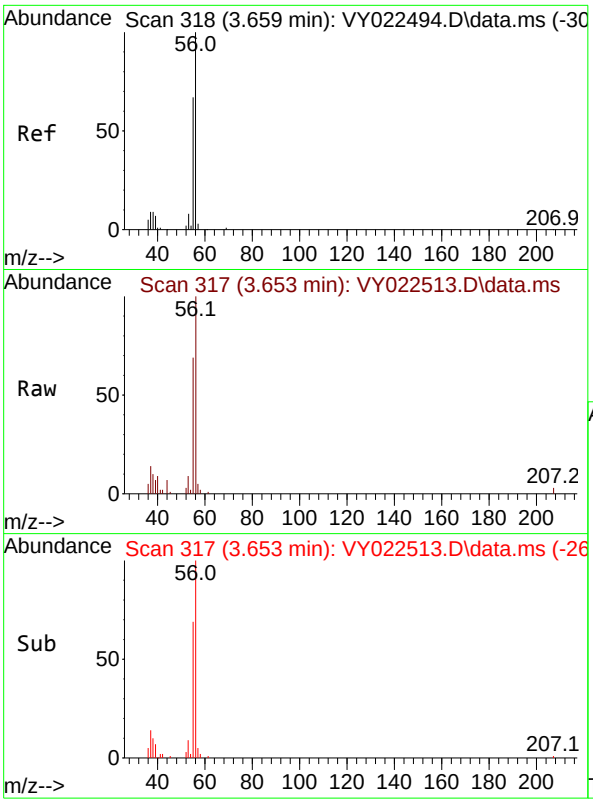


#12
1,1-Dichloroethene
Concen: 21.208 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 96 Resp: 43949

Ion	Ratio	Lower	Upper
96	100		
61	162.5	134.6	201.8
98	58.7	50.2	75.4

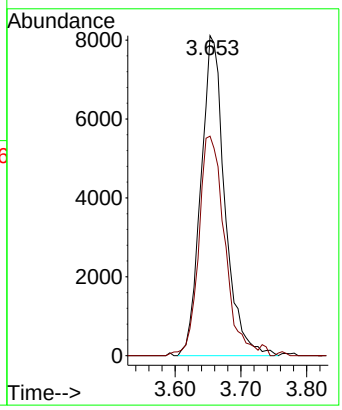




#13
Acrolein
Concen: 104.508 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 56 Resp: 2056

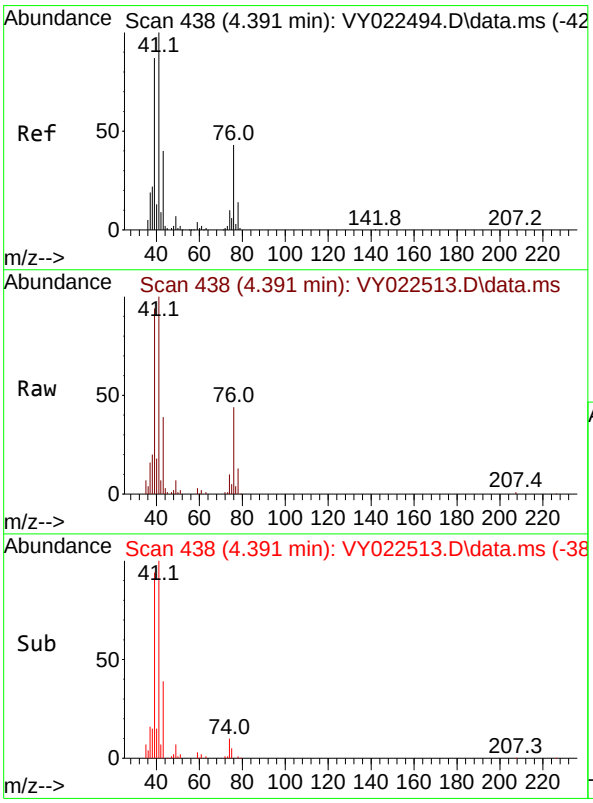
Ion	Ratio	Lower	Upper
56	100		
55	73.7	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

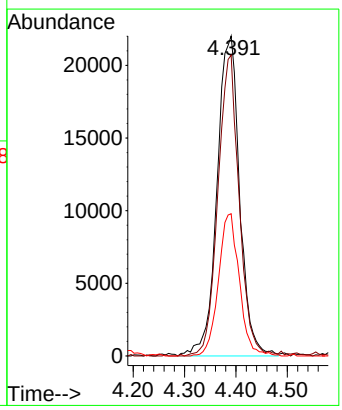
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

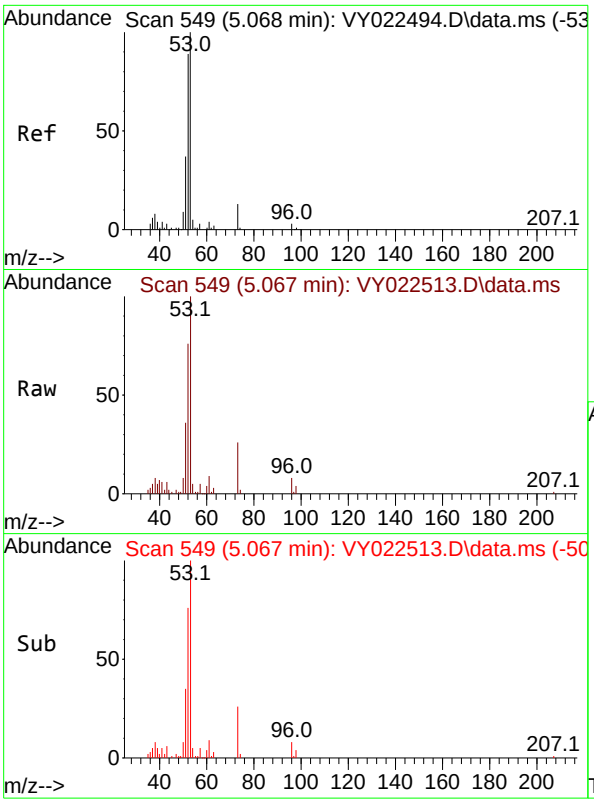


#14
Allyl chloride
Concen: 20.722 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 67413

Ion	Ratio	Lower	Upper
41	100		
39	88.1	69.1	103.7
76	41.0	33.5	50.3

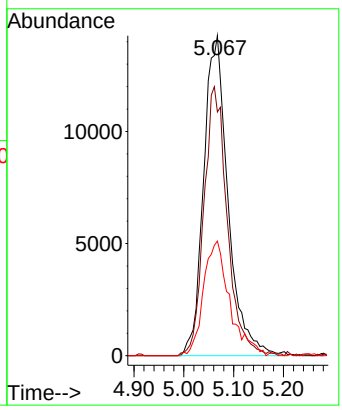




#15
Acrylonitrile
Concen: 98.683 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 53 Resp: 4844

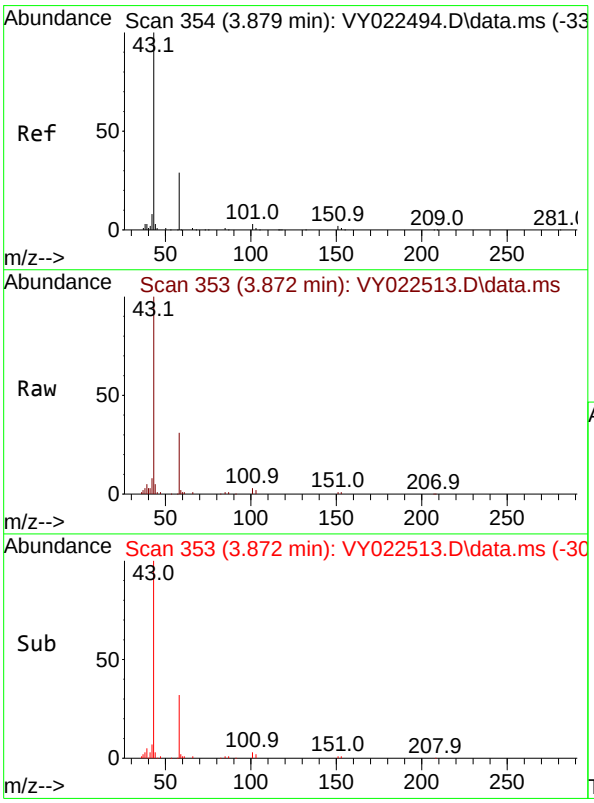
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.7	98.5
51	38.5	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

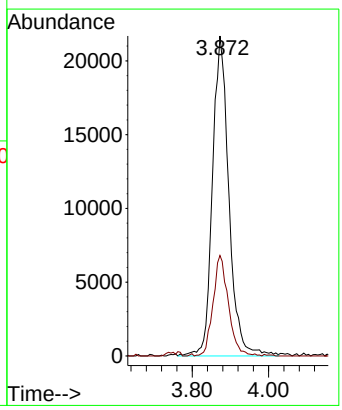
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

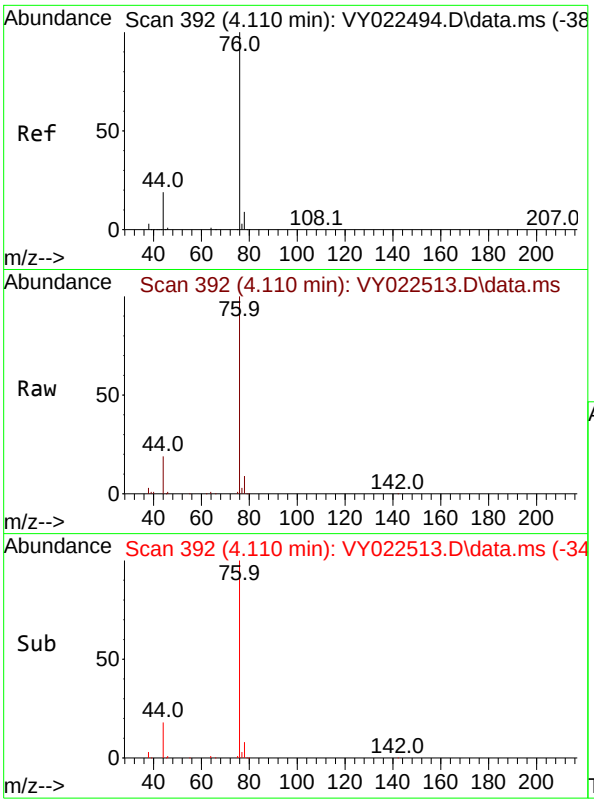


#16
Acetone
Concen: 144.004 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 64637

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0

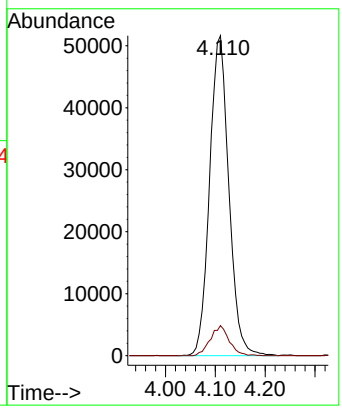




#17
Carbon Disulfide
Concen: 20.831 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 76 Resp: 13820

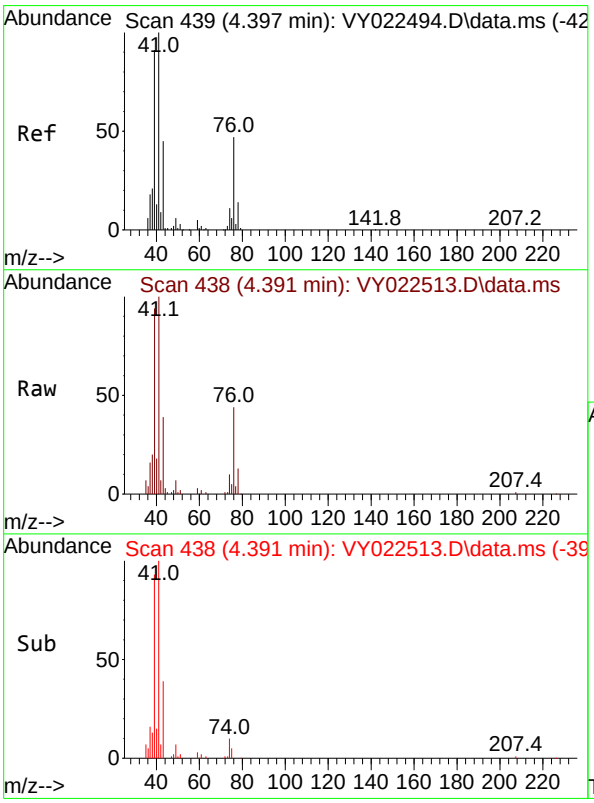
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

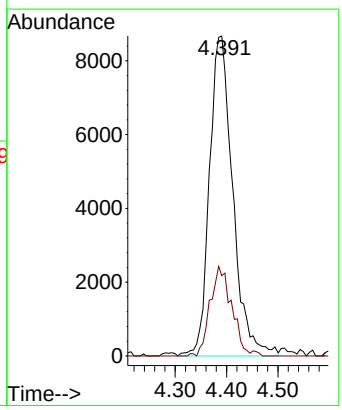
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

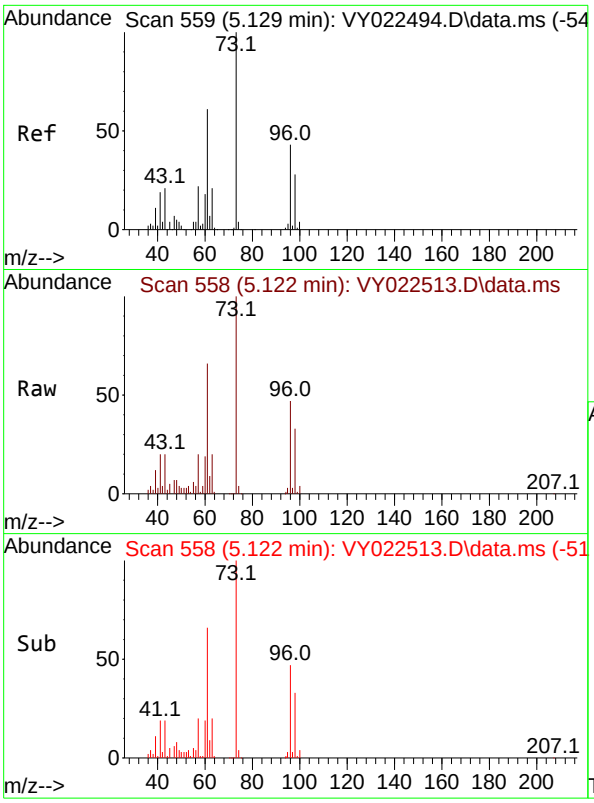


#18
Methyl Acetate
Concen: 20.581 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 27356

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6

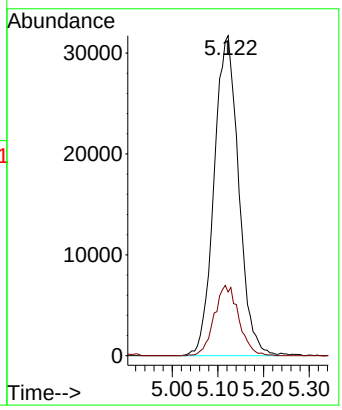




#19
Methyl tert-butyl Ether
Concen: 20.321 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 73 Resp: 11861

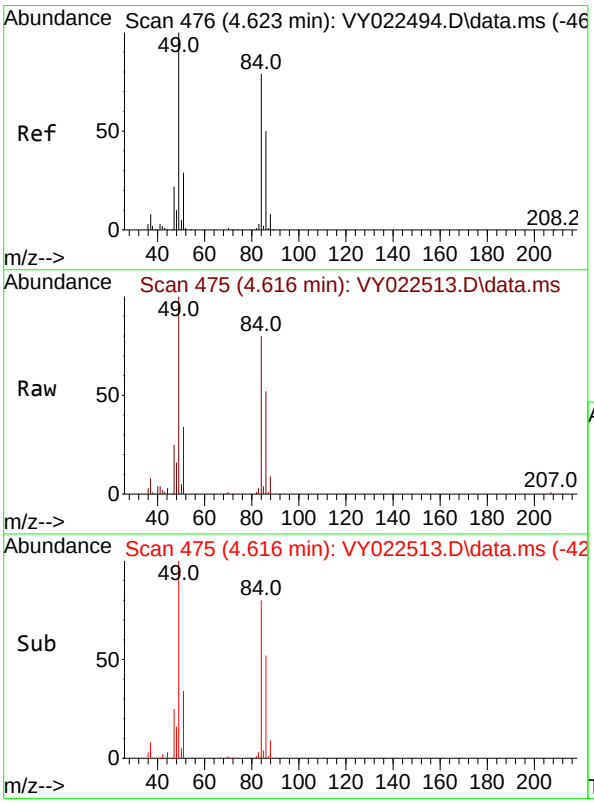
Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.4	26.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

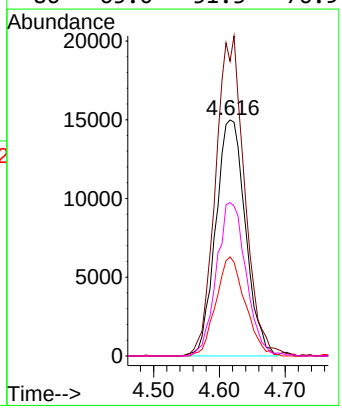
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

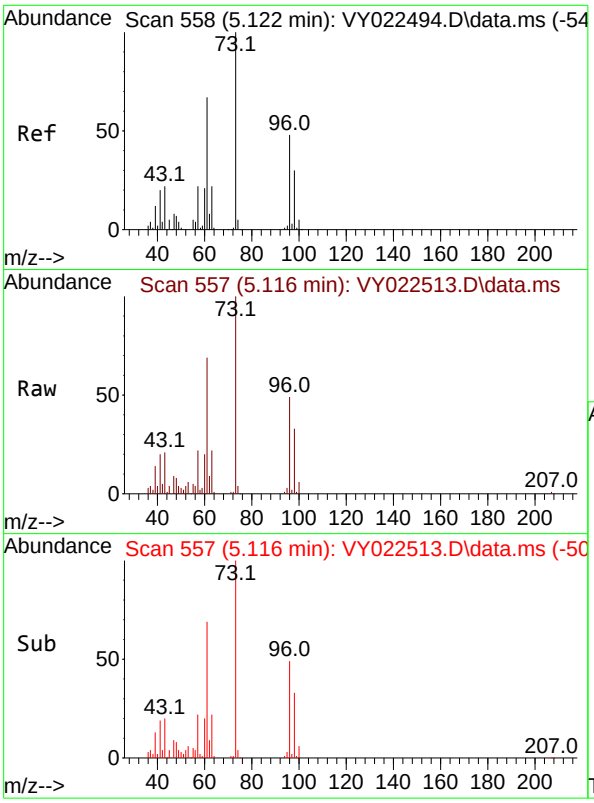


#20
Methylene Chloride
Concen: 18.497 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 84 Resp: 47160

Ion	Ratio	Lower	Upper
84	100		
49	124.9	101.9	152.9
51	42.0	29.8	44.8
86	65.0	51.3	76.9

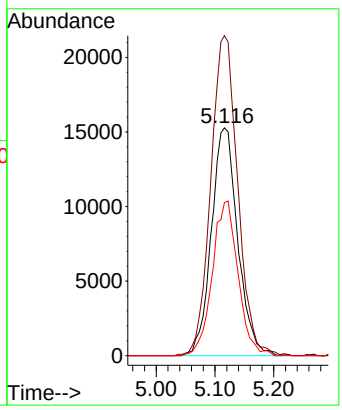




#21
trans-1,2-Dichloroethene
Concen: 20.551 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 96 Resp: 4766

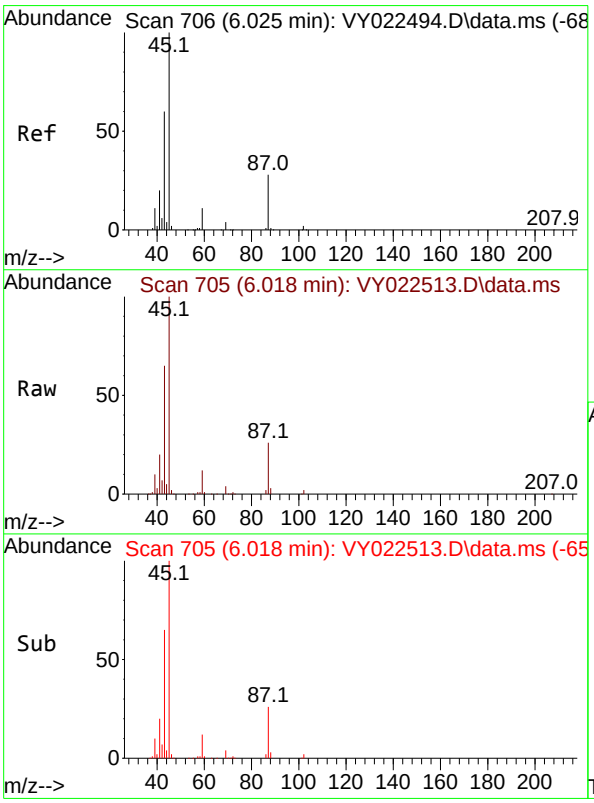
Ion	Ratio	Lower	Upper
96	100		
61	139.9	112.6	169.0
98	67.2	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

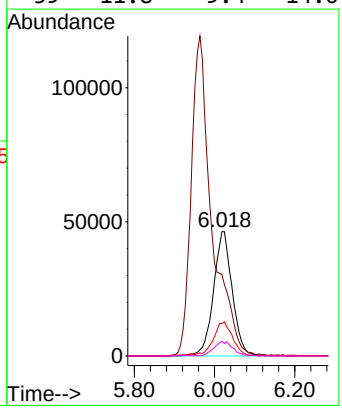
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

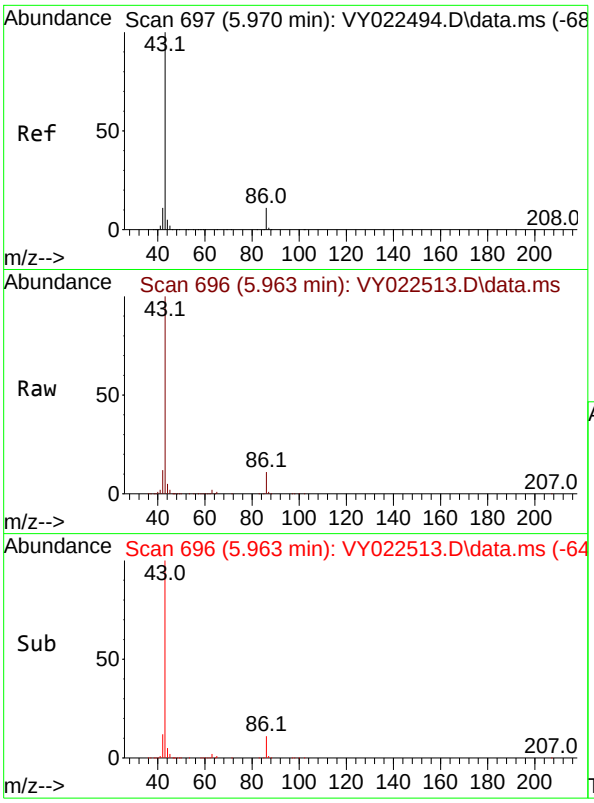


#22
Diisopropyl ether
Concen: 20.737 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 45 Resp: 150165

Ion	Ratio	Lower	Upper
45	100		
43	64.6	48.3	72.5
87	26.1	23.0	34.6
59	11.8	9.4	14.0





#23
Vinyl Acetate
Concen: 99.247 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

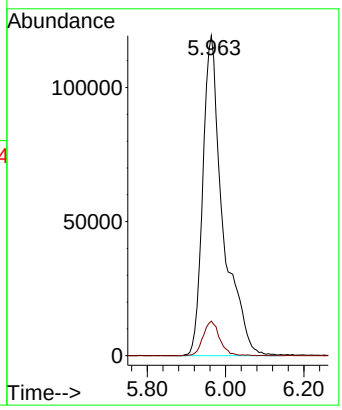
Tgt Ion: 43 Resp: 42536

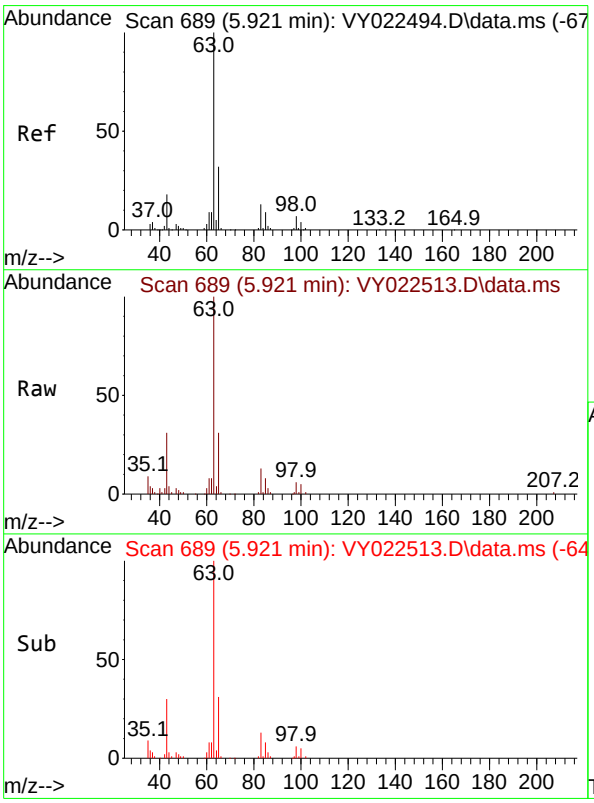
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

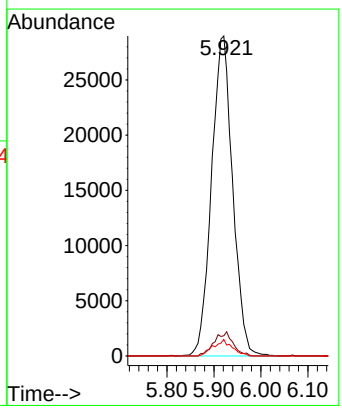


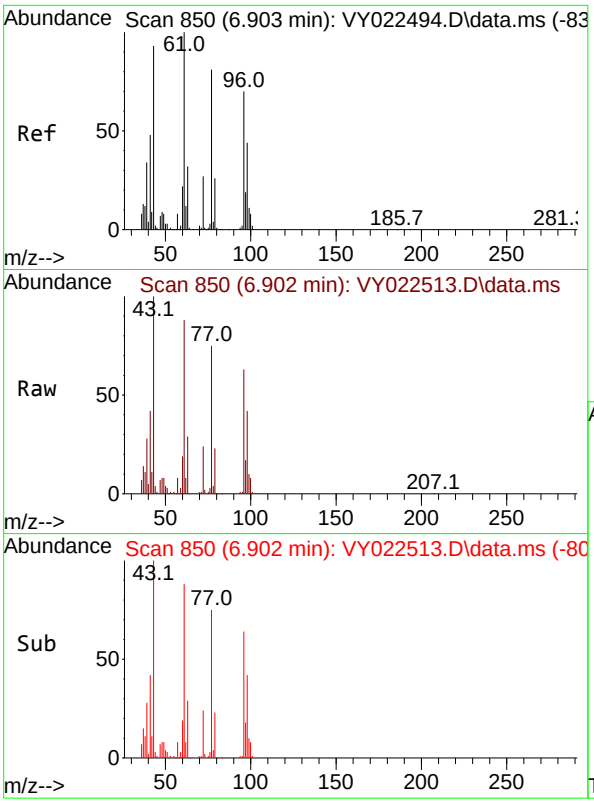


#24
1,1-Dichloroethane
Concen: 21.203 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 90453

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	5.2	2.1	6.3

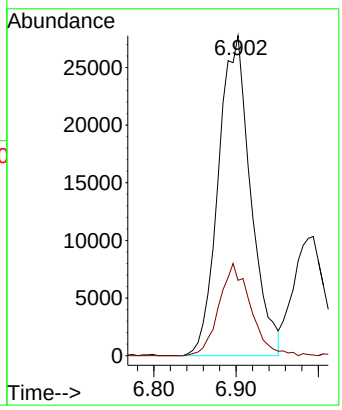




#25
2-Butanone
Concen: 117.421 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 7602

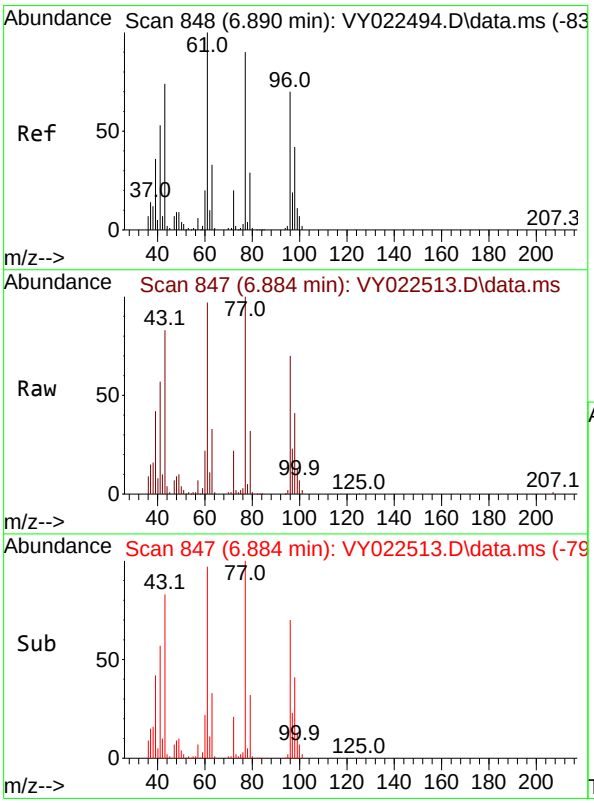
Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.9	34.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

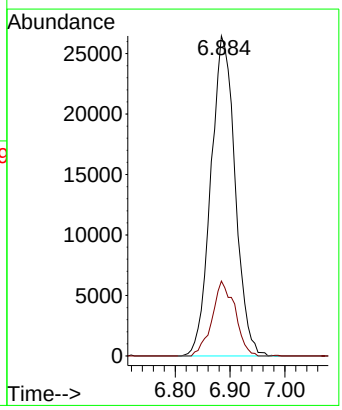
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

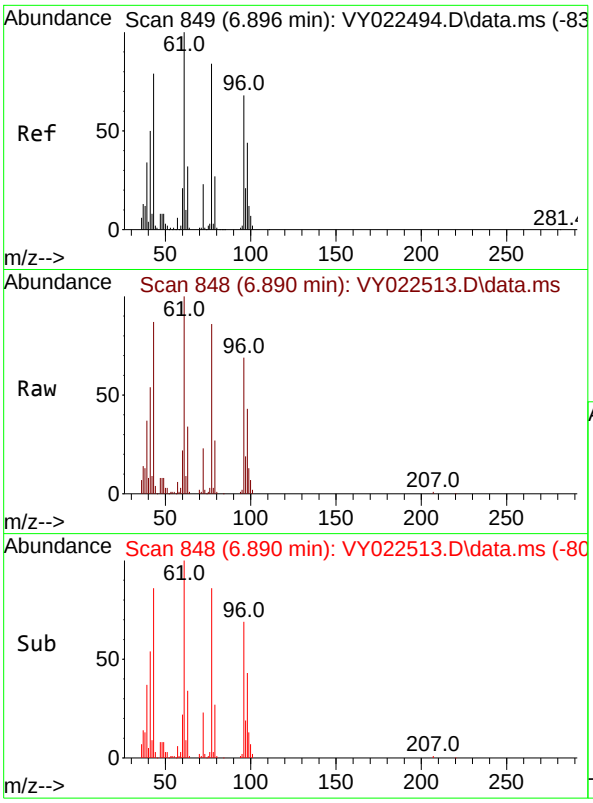


#26
2,2-Dichloropropane
Concen: 21.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 77 Resp: 81323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2

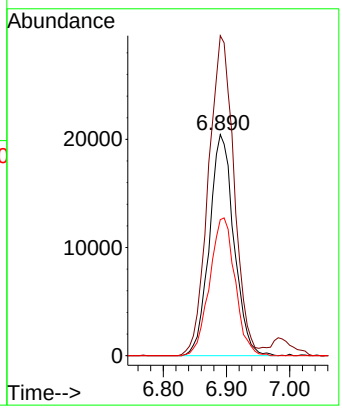




#27
cis-1,2-Dichloroethene
Concen: 20.538 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 96 Resp: 5505

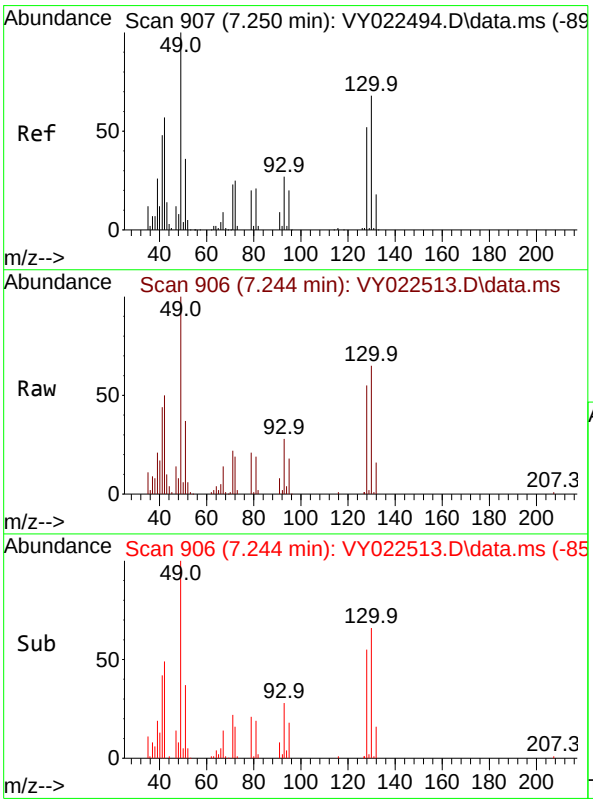
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	290.0
98	64.5	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

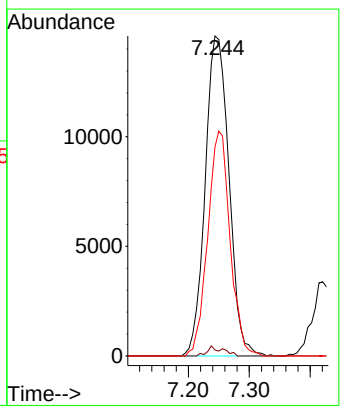
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

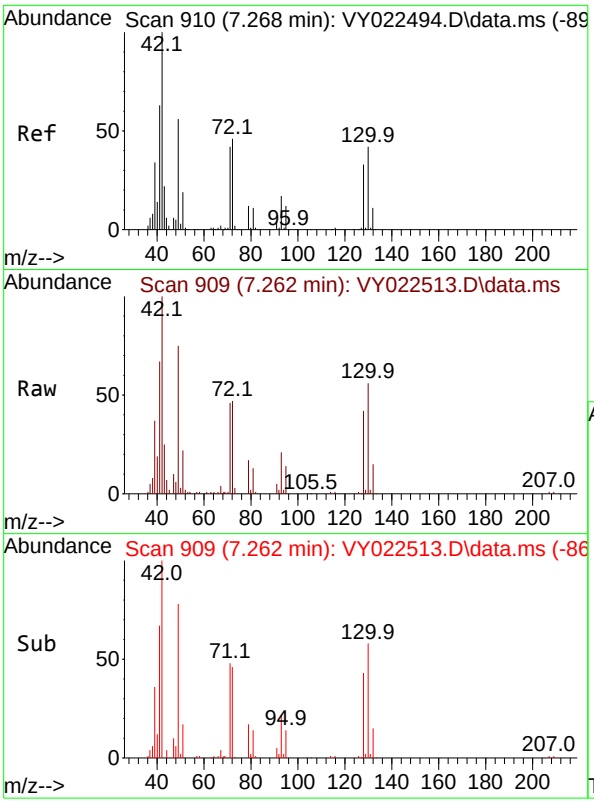


#28
Bromochloromethane
Concen: 21.273 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 49 Resp: 39559

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	66.0	55.7	83.5

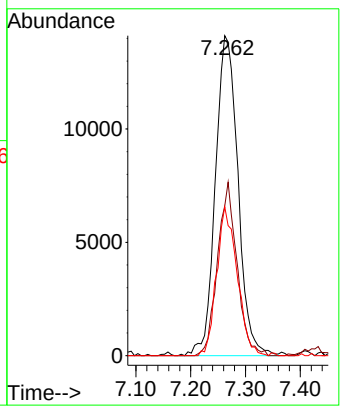




#29
Tetrahydrofuran
Concen: 96.924 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 42 Resp: 4047

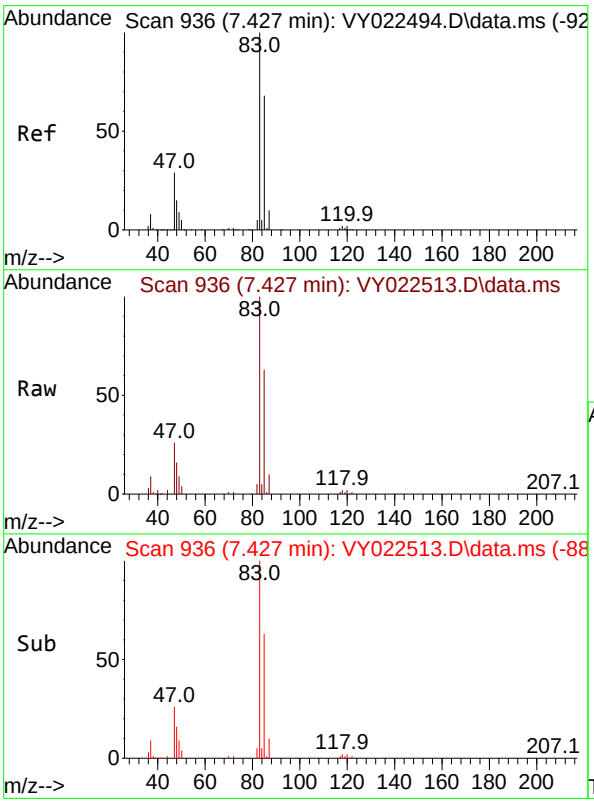
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.2	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

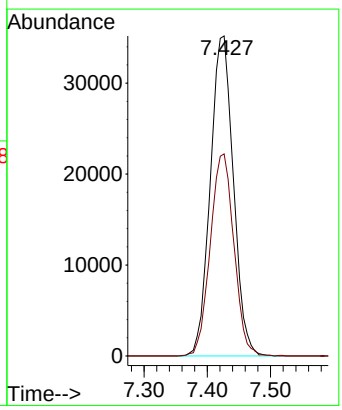
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

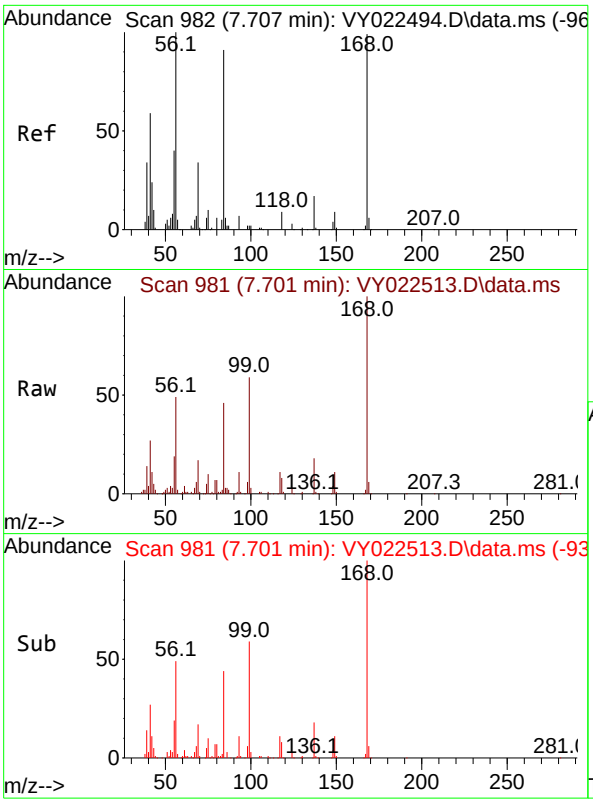


#30
Chloroform
Concen: 21.055 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 83 Resp: 88966

Ion	Ratio	Lower	Upper
83	100		
85	63.1	54.2	81.4

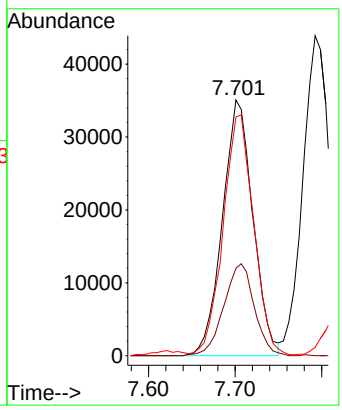




#31
Cyclohexane
Concen: 20.219 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 56 Resp: 8587

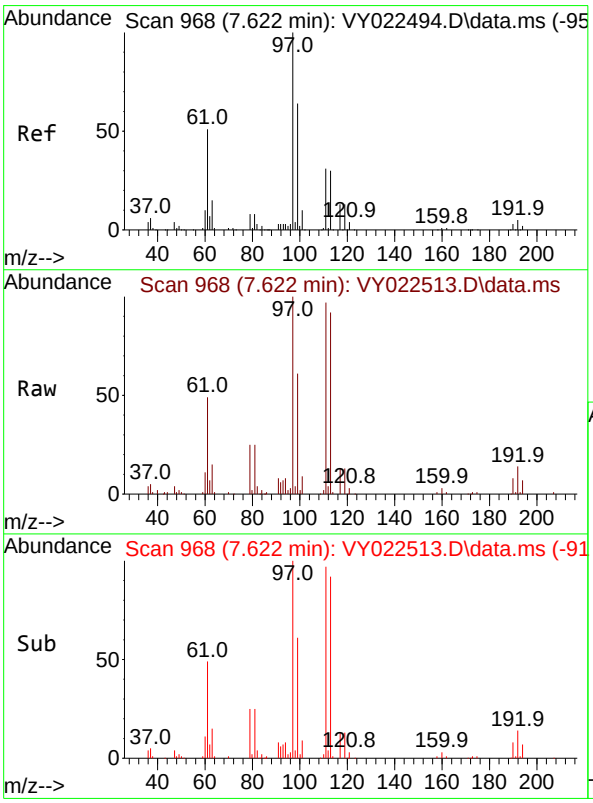
Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.0	40.6
84	91.7	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

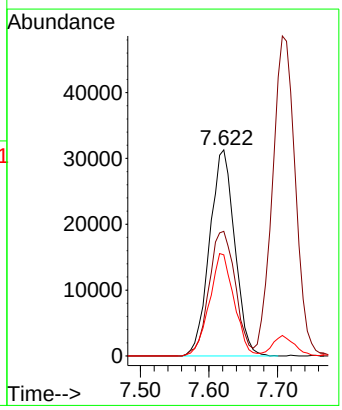
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

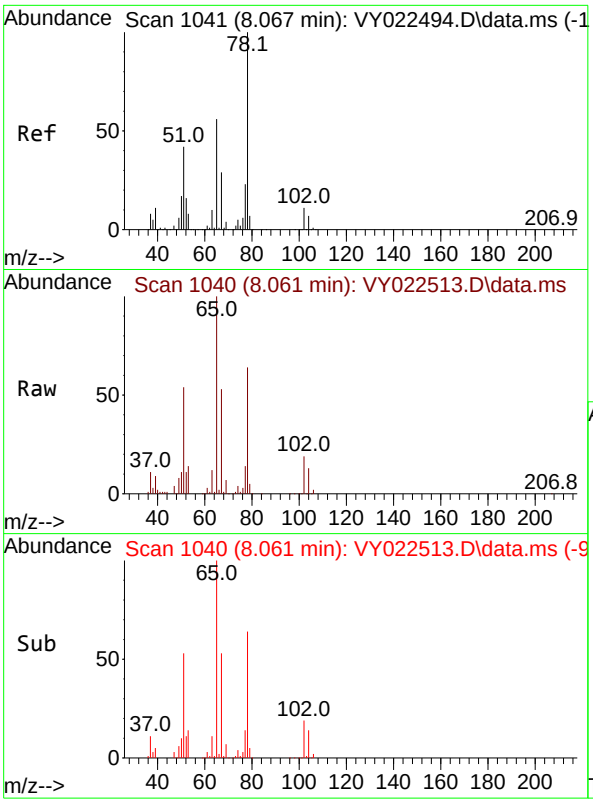


#32
1,1,1-Trichloroethane
Concen: 21.222 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 97 Resp: 79604

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.9	38.5	57.7

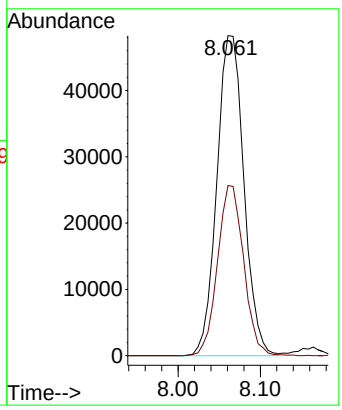




#33
1,2-Dichloroethane-d4
Concen: 49.971 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 65 Resp: 11044

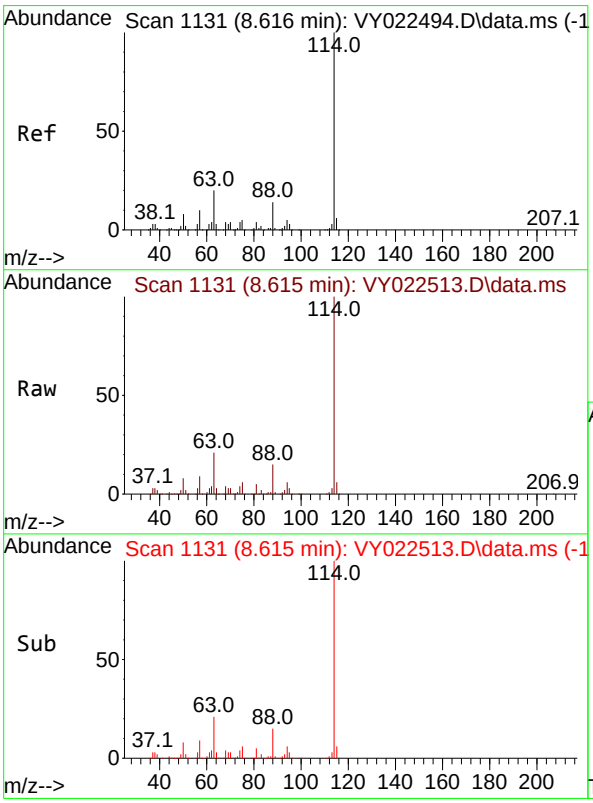
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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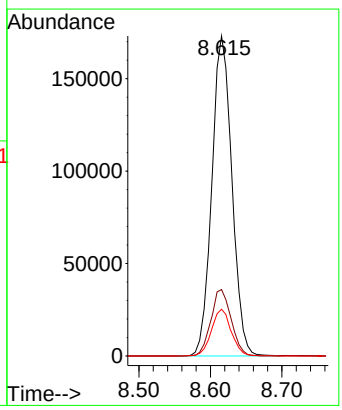
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

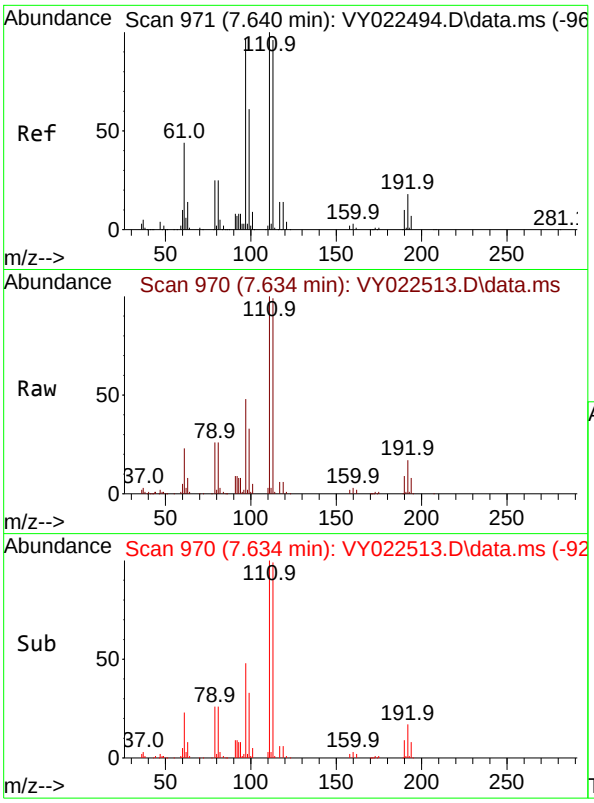


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:114 Resp: 337632

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	14.6	0.0	27.8

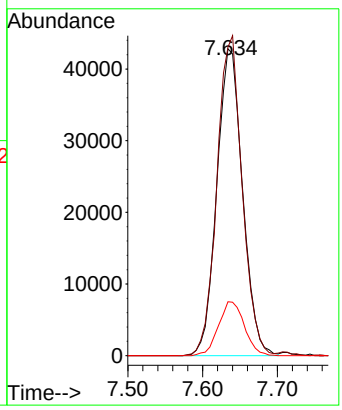




#35
Dibromofluoromethane
Concen: 51.020 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:113 Resp: 10281

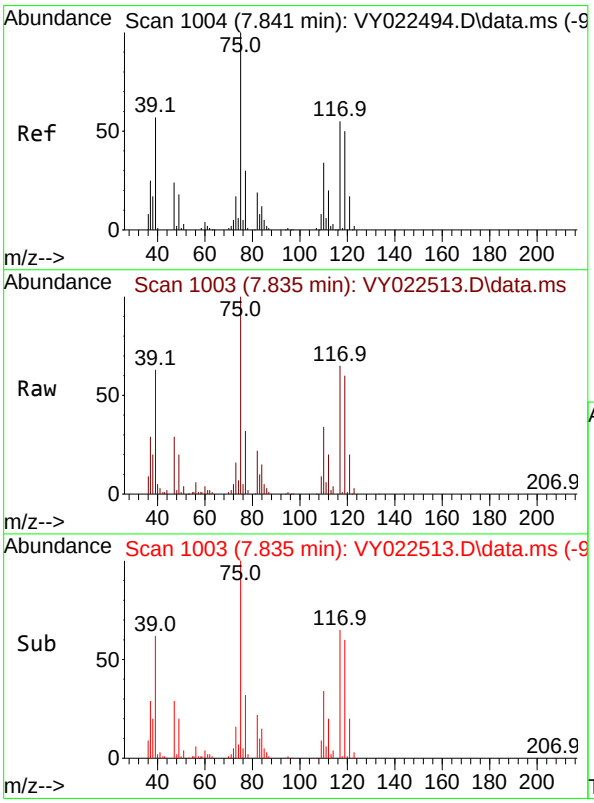
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	17.7	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

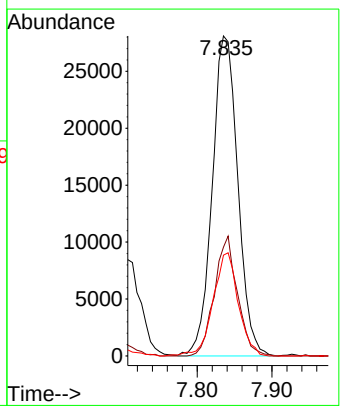
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

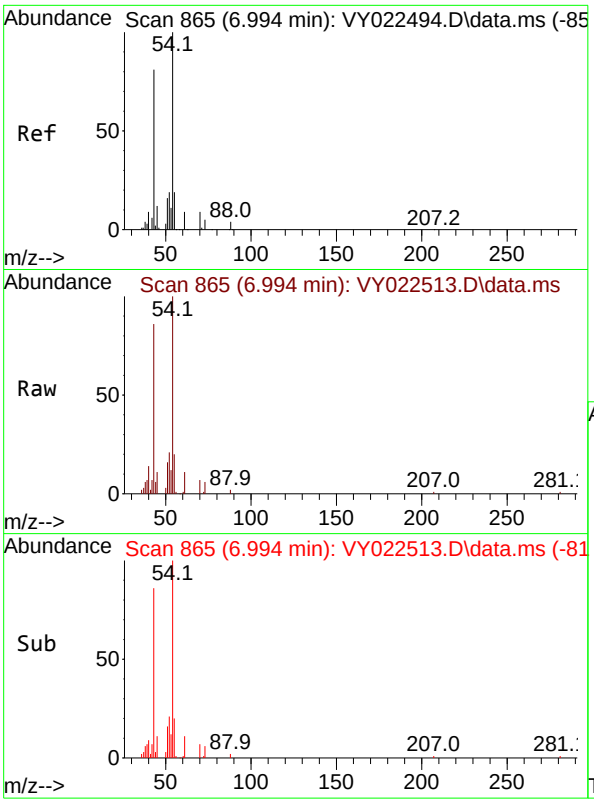


#36
1,1-Dichloropropene
Concen: 20.451 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 66890

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.7	24.8	37.2





#37
Ethyl Acetate
Concen: 19.388 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

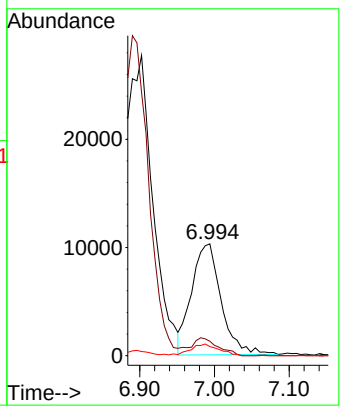
Tgt Ion: 43 Resp: 2828

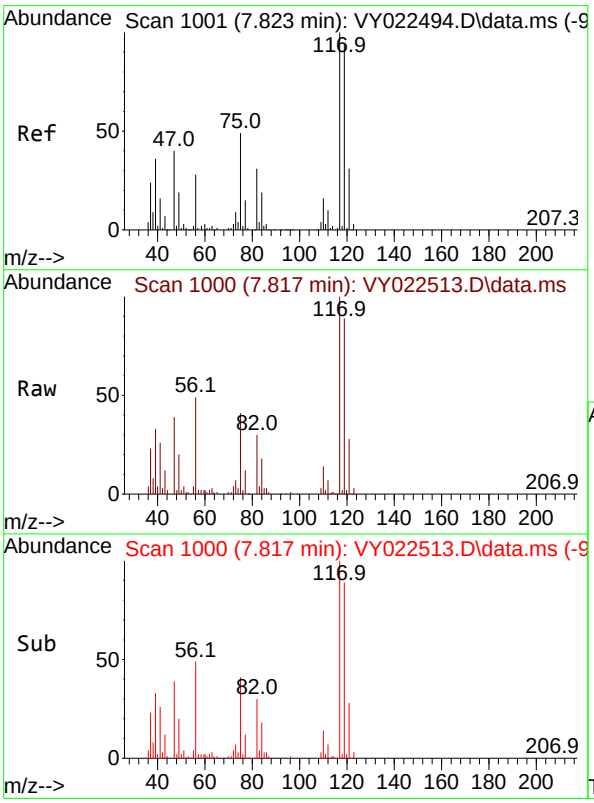
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	10.0	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

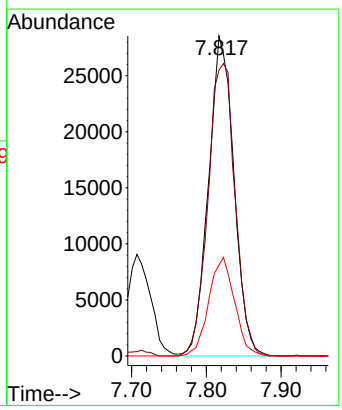


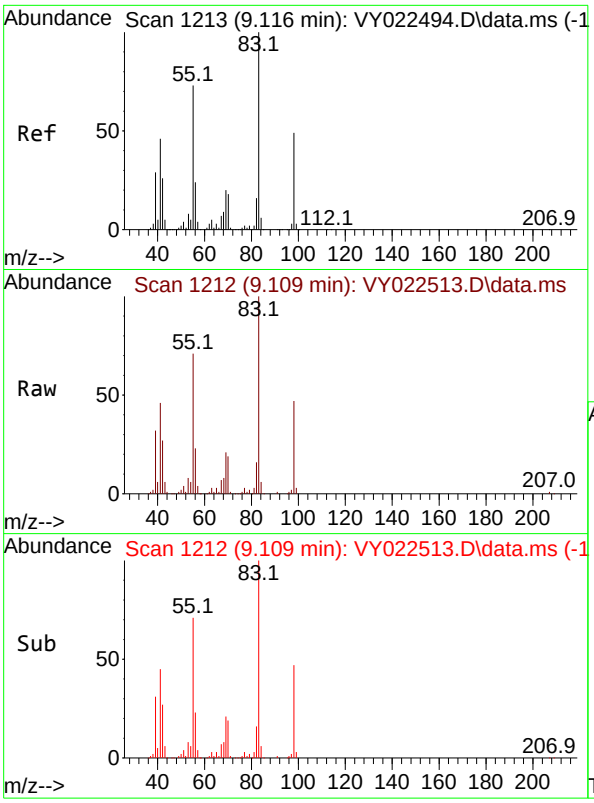


#38
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:117 Resp: 67799

Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.0	112.6
121	28.3	25.0	37.4





#39
Methylcyclohexane
Concen: 19.805 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

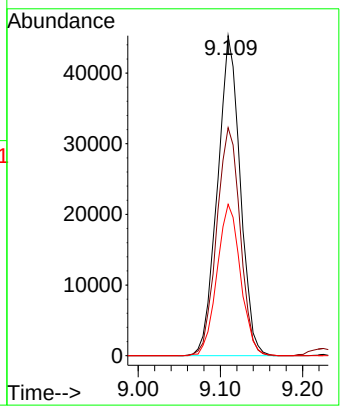
Tgt Ion: 83 Resp: 8705

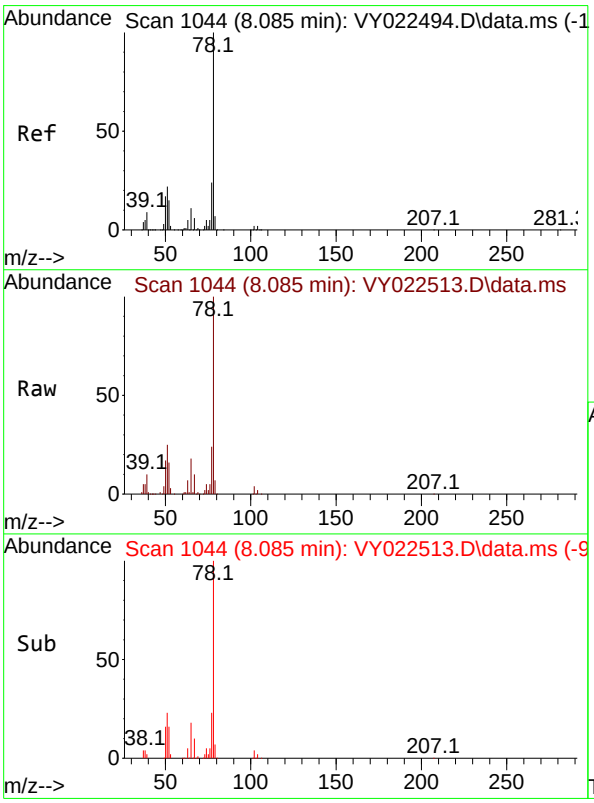
Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.1	87.1
98	47.3	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

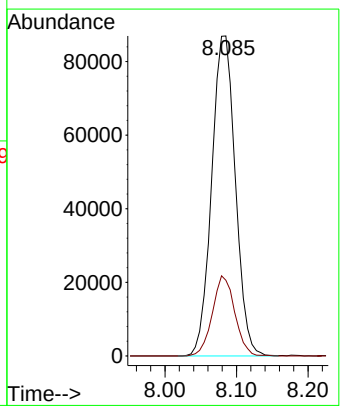


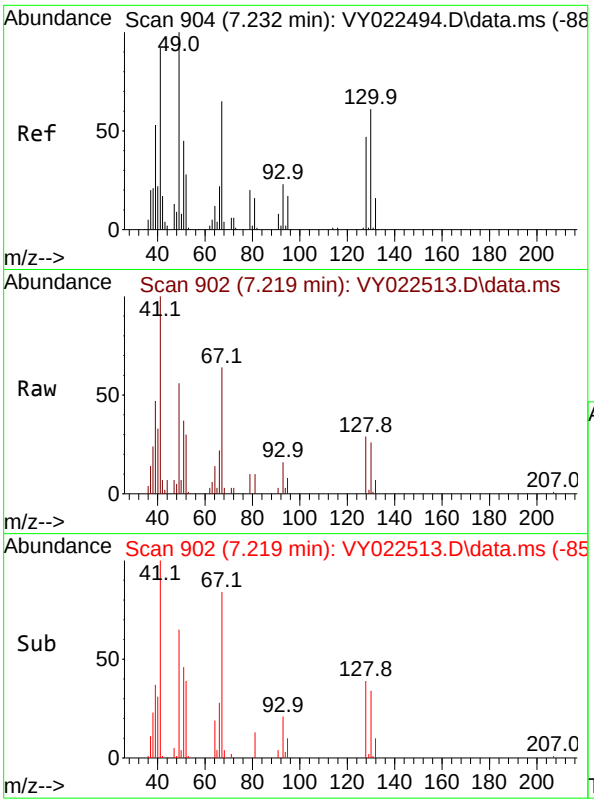


#40
Benzene
Concen: 20.720 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 78 Resp: 200164

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

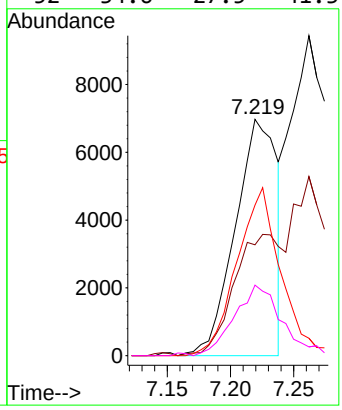




#41
Methacrylonitrile
Concen: 18.701 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 1593

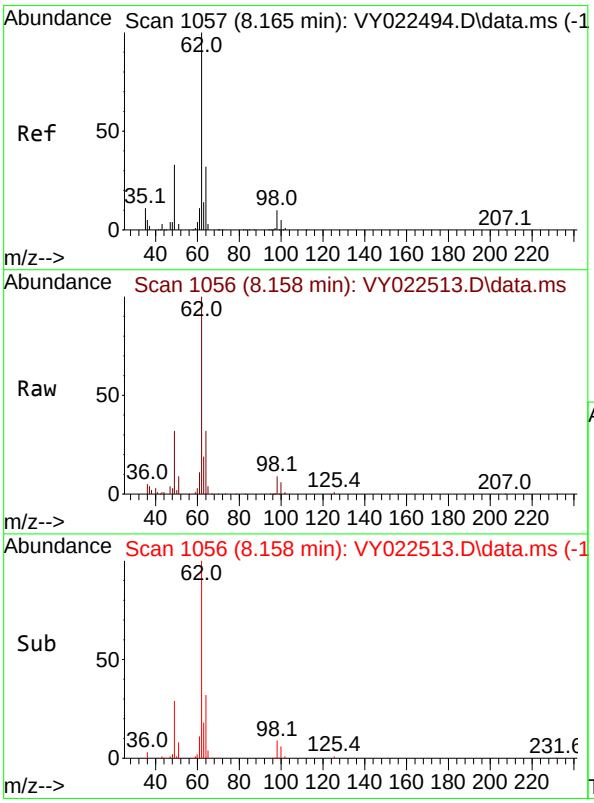
Ion	Ratio	Lower	Upper
41	100		
39	61.7	46.6	69.8
67	74.4	63.3	94.9
52	34.6	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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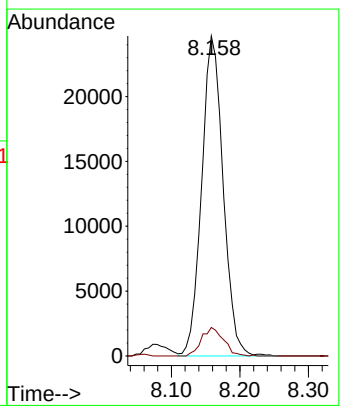
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

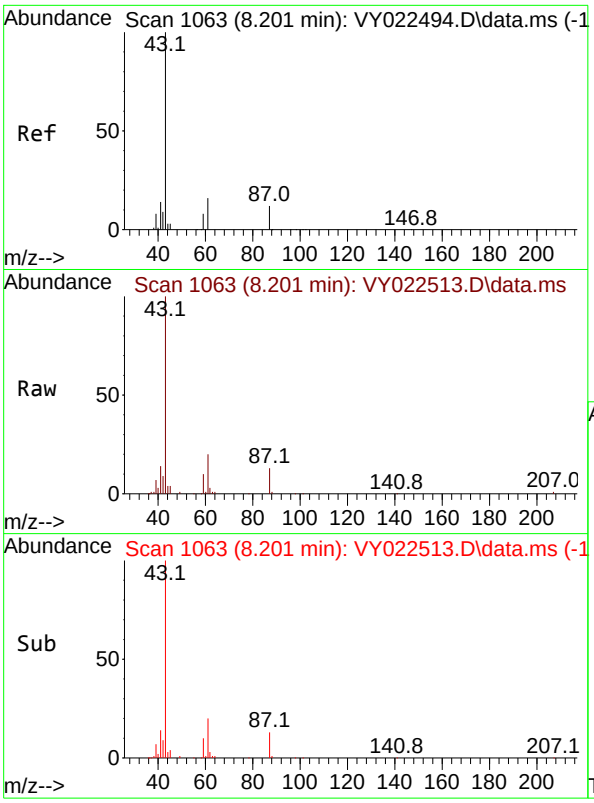


#42
1,2-Dichloroethane
Concen: 20.443 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 62 Resp: 53923

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

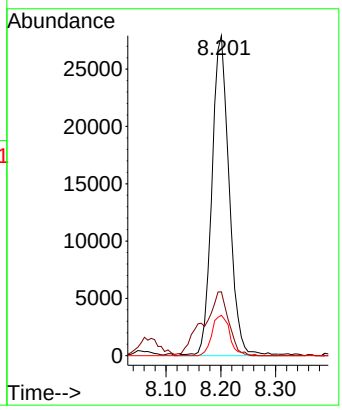




#43
Isopropyl Acetate
Concen: 19.359 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 6098

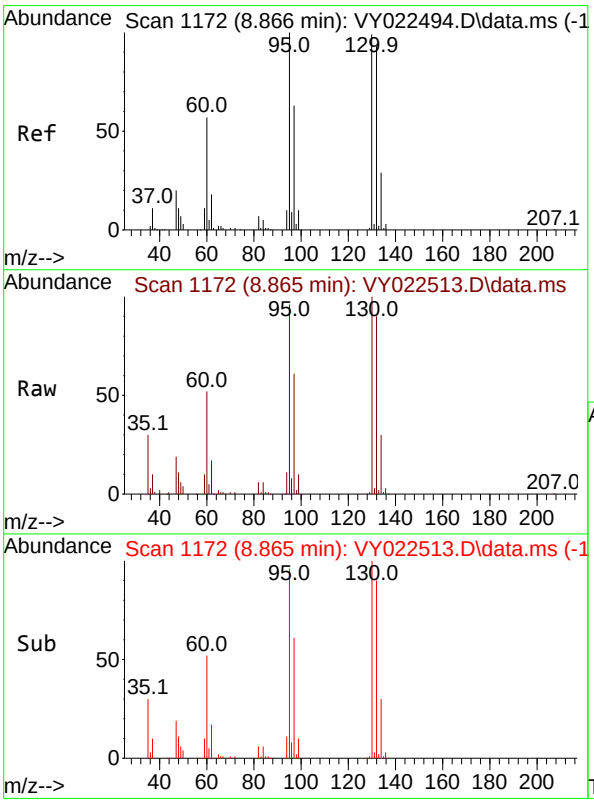
Ion	Ratio	Lower	Upper
43	100		
61	29.4	15.6	23.4
87	13.0	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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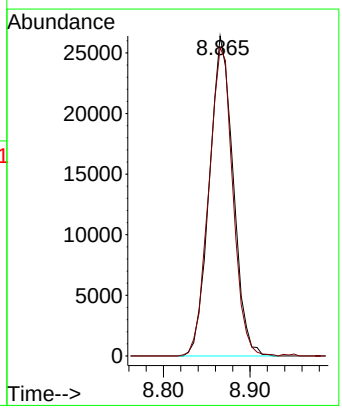
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

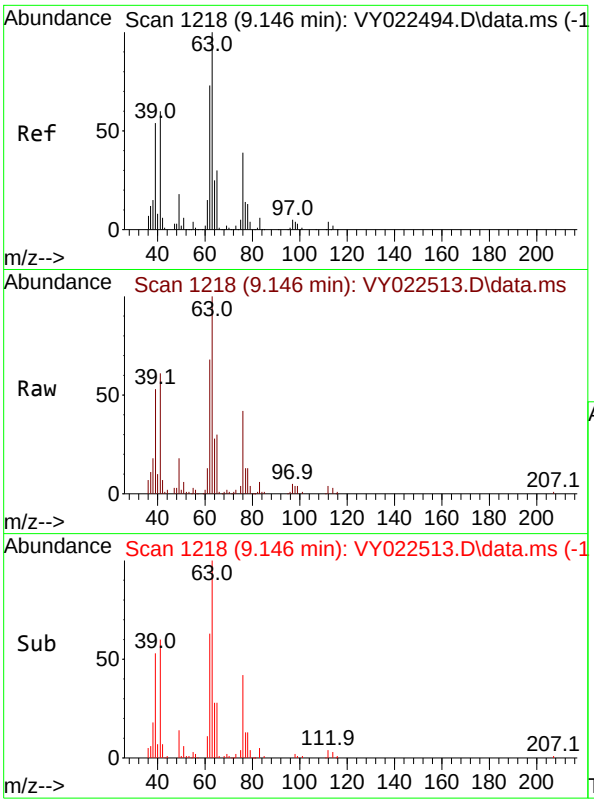


#44
Trichloroethene
Concen: 21.344 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:130 Resp: 50394

Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	203.0

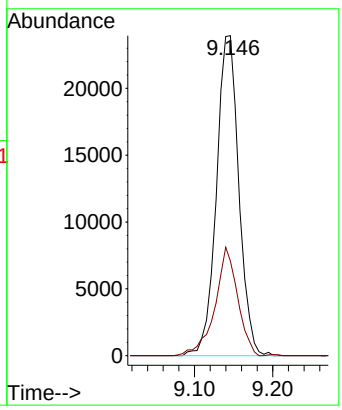




#45
1,2-Dichloropropane
Concen: 20.860 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 4762

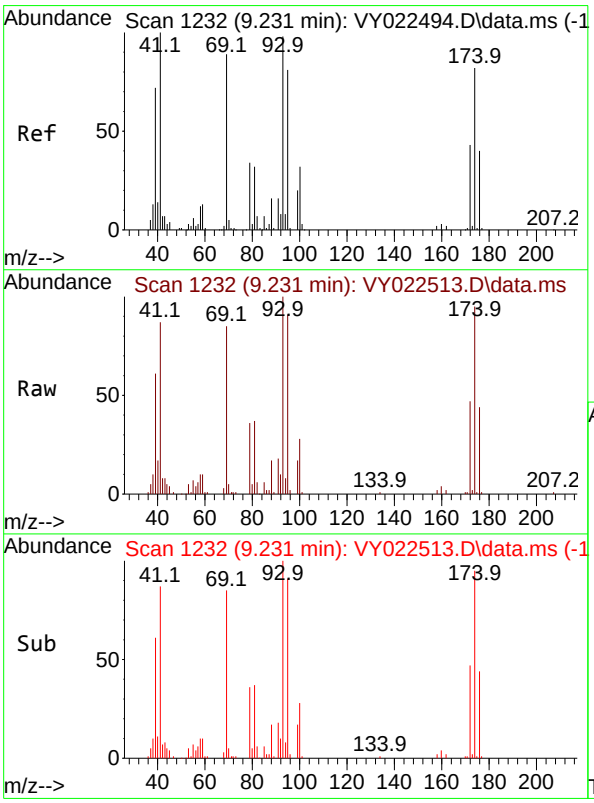
Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

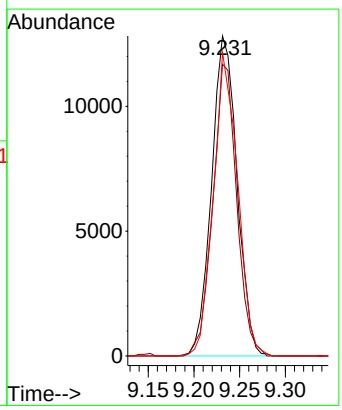
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

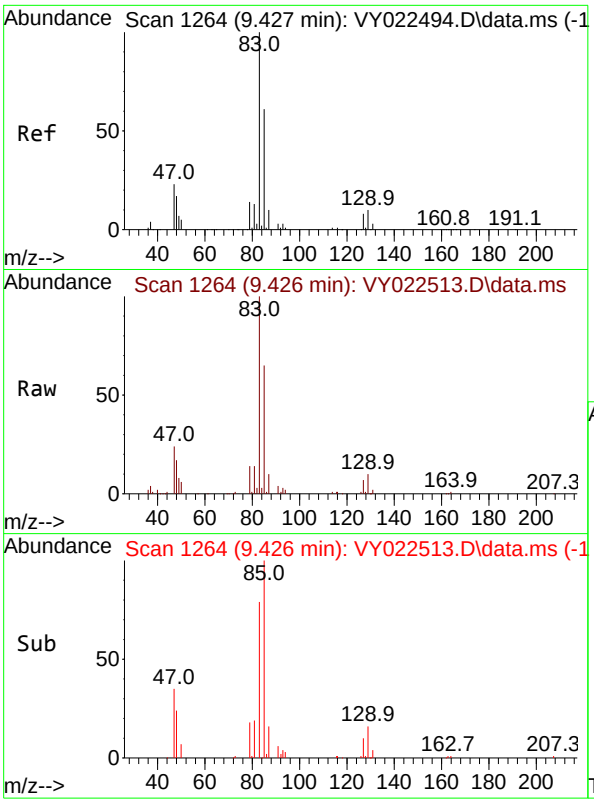


#46
Dibromomethane
Concen: 19.368 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 93 Resp: 24877

Ion	Ratio	Lower	Upper
93	100		
95	85.7	65.6	98.4
174	90.3	70.4	105.6

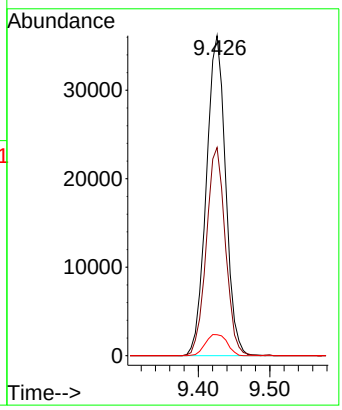




#47
Bromodichloromethane
Concen: 20.778 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 83 Resp: 6767

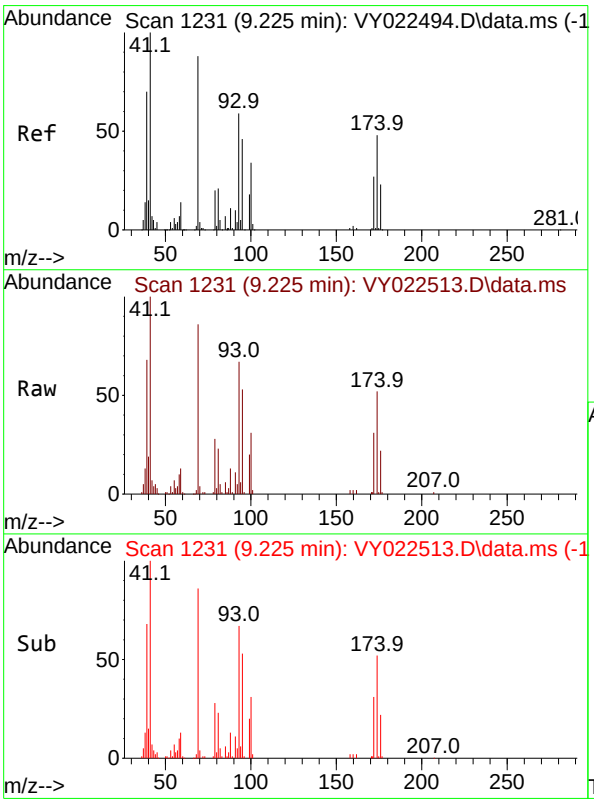
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.1	73.7
127	6.6	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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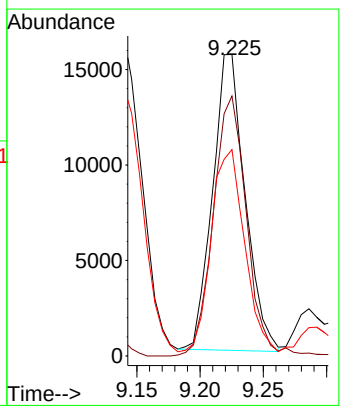
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

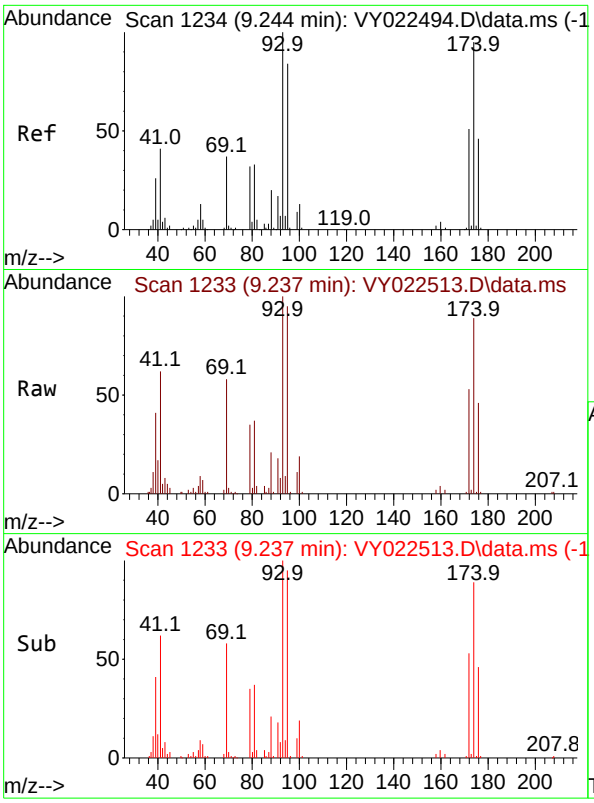


#48
Methyl methacrylate
Concen: 18.707 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 27658

Ion	Ratio	Lower	Upper
41	100		
69	90.0	67.8	101.8
39	70.2	55.0	82.4





#49
1,4-Dioxane
Concen: 378.003 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

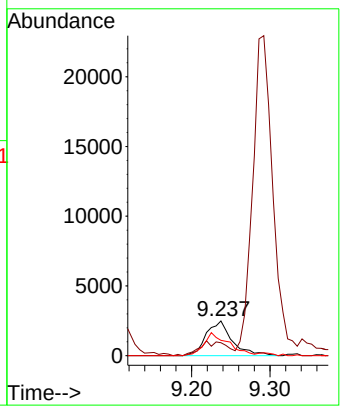
Tgt Ion: 88 Resp: 575

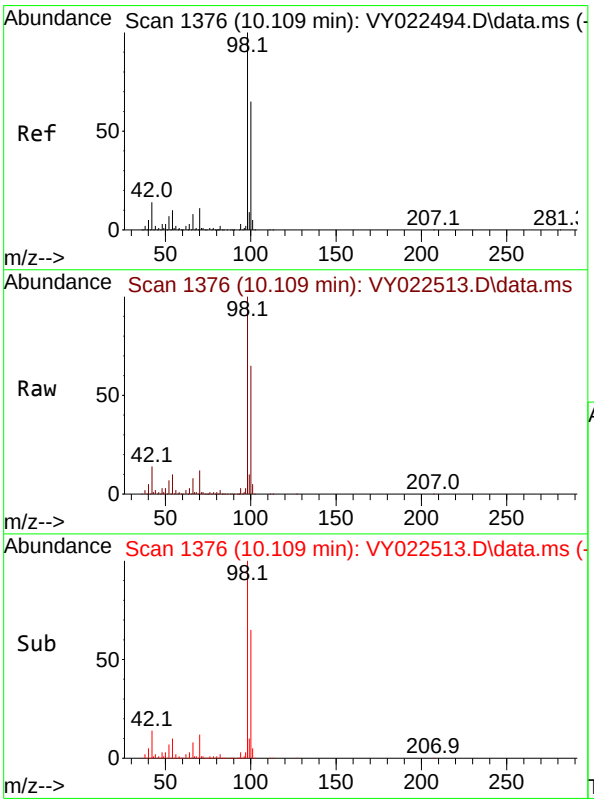
Ion	Ratio	Lower	Upper
88	100		
43	21.3	25.4	38.2
58	62.2	54.9	82.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

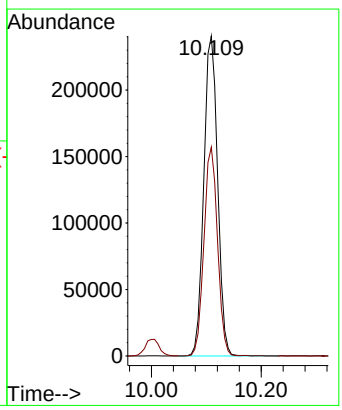


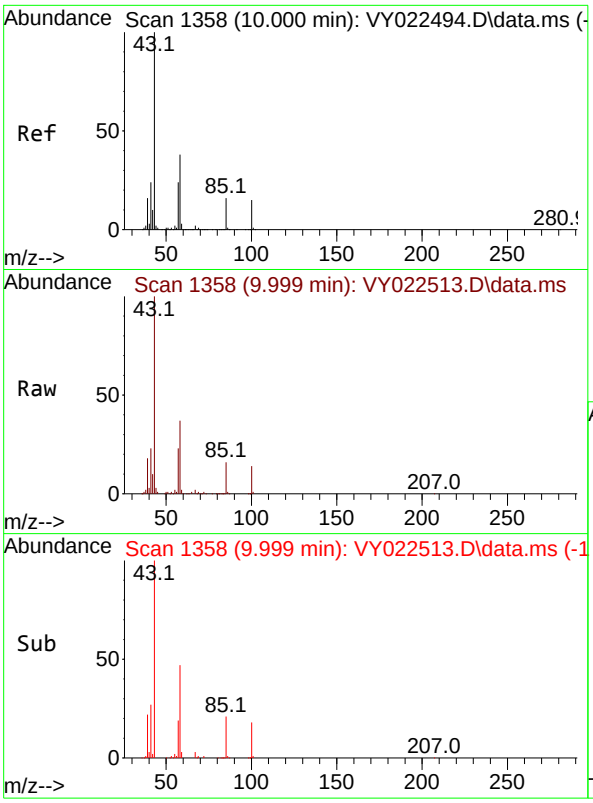


#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 98 Resp: 418973

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

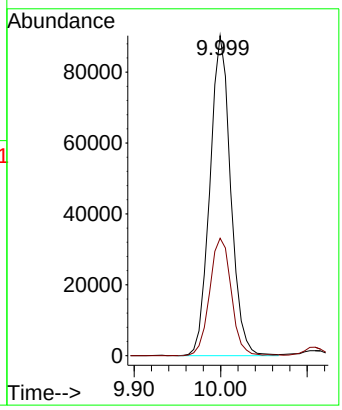




#51
4-Methyl-2-Pentanone
Concen: 95.984 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 15075

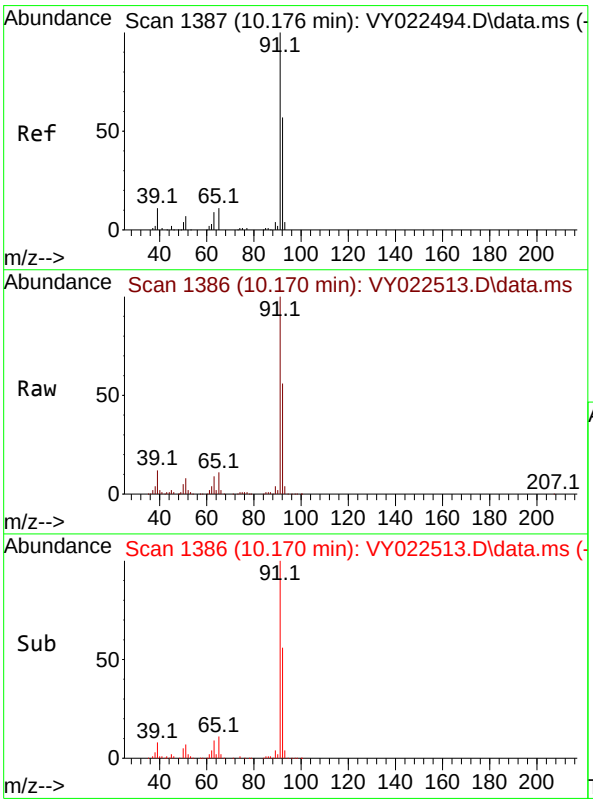
Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

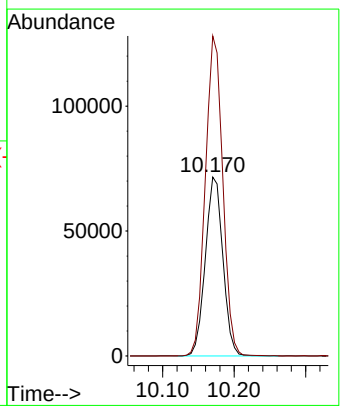
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

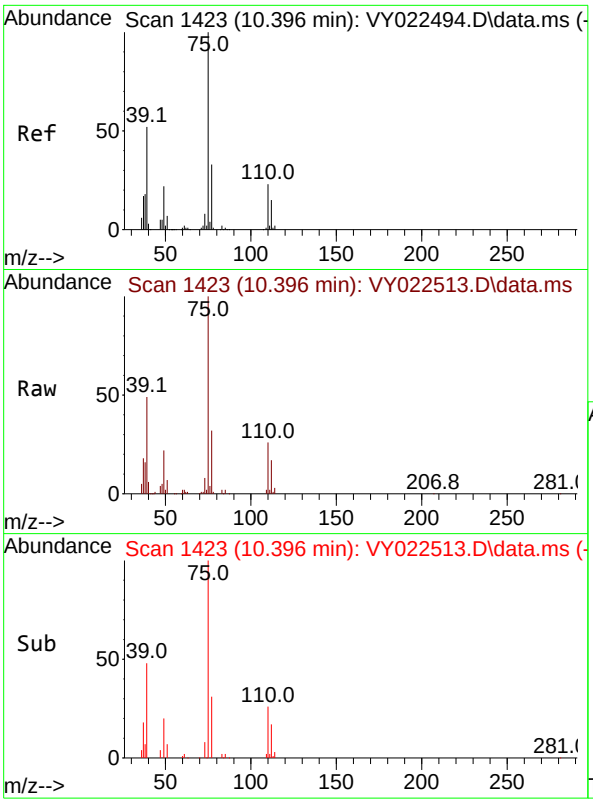


#52
Toluene
Concen: 20.145 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 92 Resp: 122301

Ion	Ratio	Lower	Upper
92	100		
91	177.1	139.0	208.4

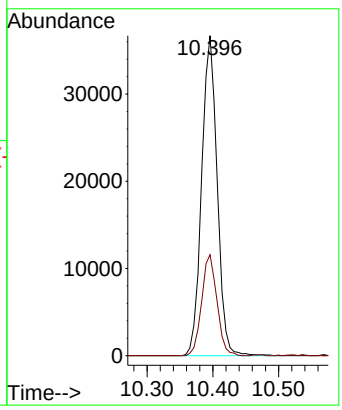




#53
t-1,3-Dichloropropene
Concen: 19.703 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 6012

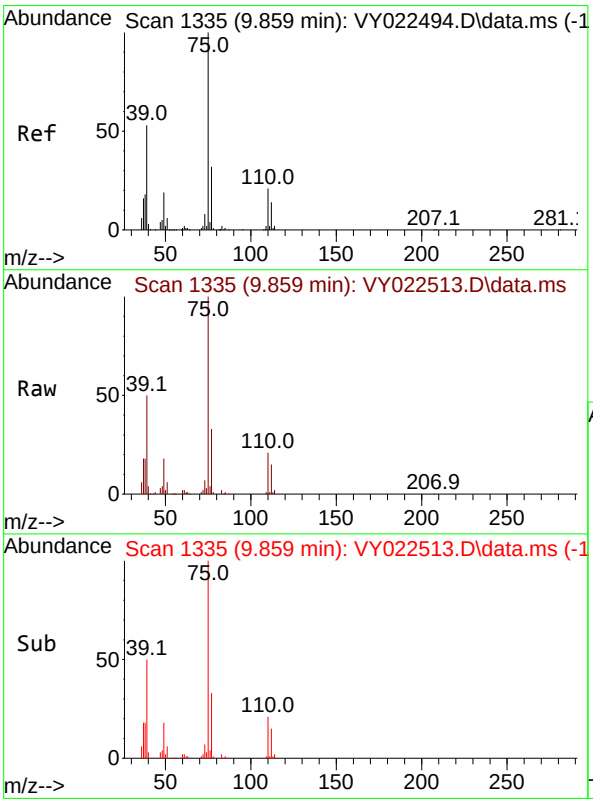
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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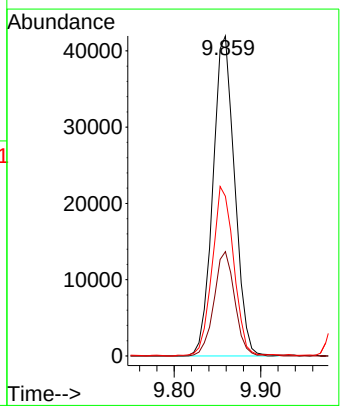
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

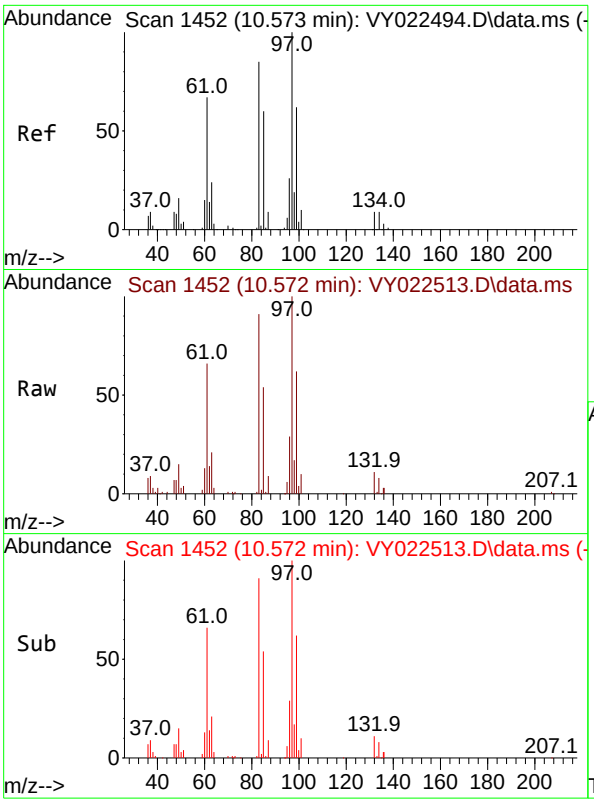


#54
cis-1,3-Dichloropropene
Concen: 20.581 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 73109

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
39	49.7	42.7	64.1

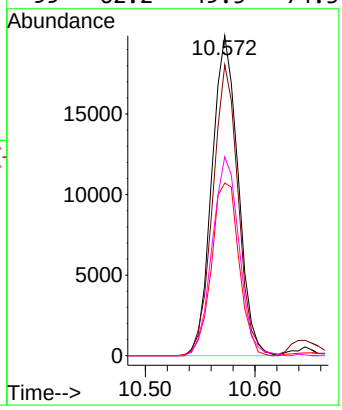




#55
1,1,2-Trichloroethane
Concen: 20.154 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 97 Resp: 3300

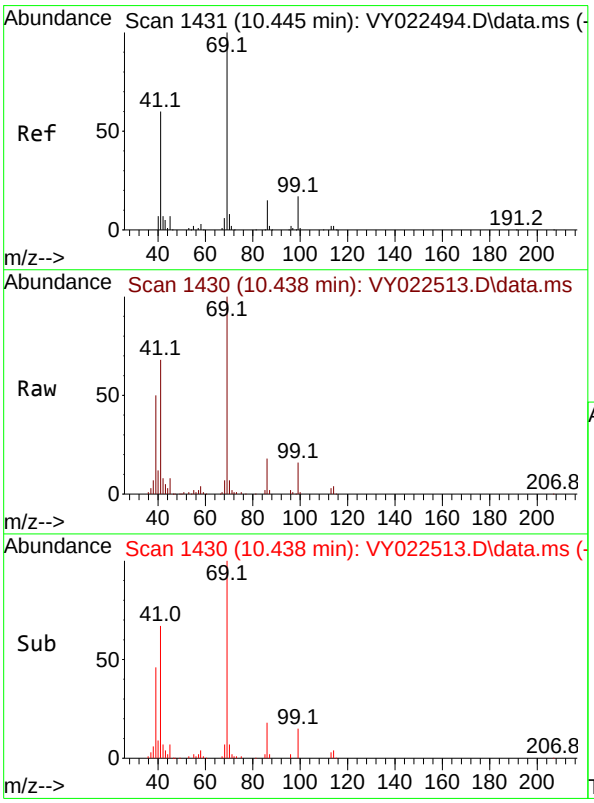
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.1	102.1
85	53.9	48.2	72.2
99	62.2	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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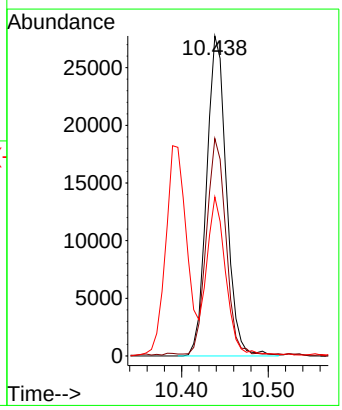
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

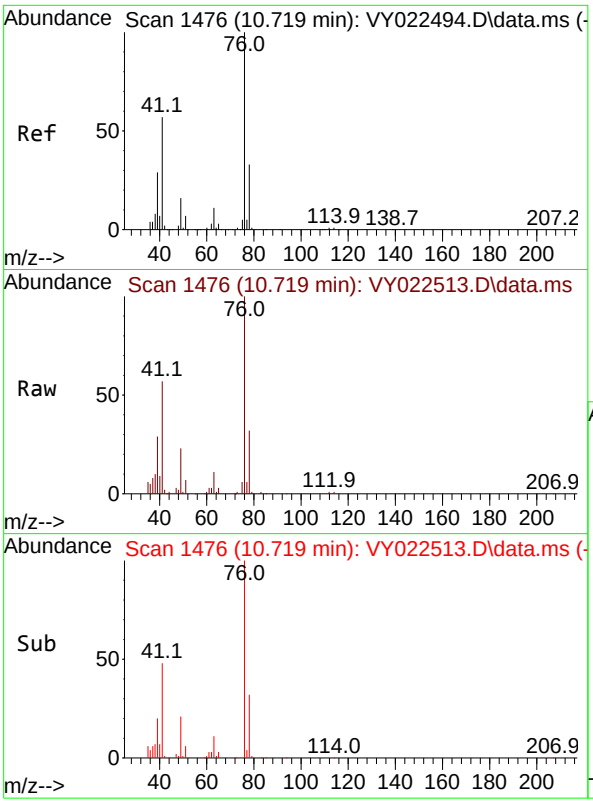


#56
Ethyl methacrylate
Concen: 18.609 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 69 Resp: 44052

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	46.7	36.7	55.1

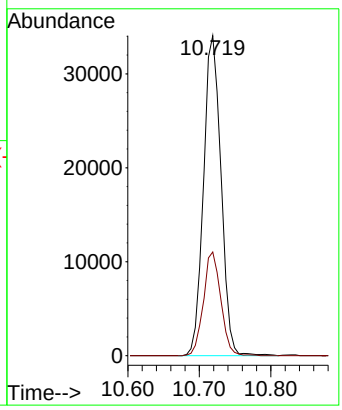




#57
1,3-Dichloropropane
Concen: 19.947 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 76 Resp: 5790

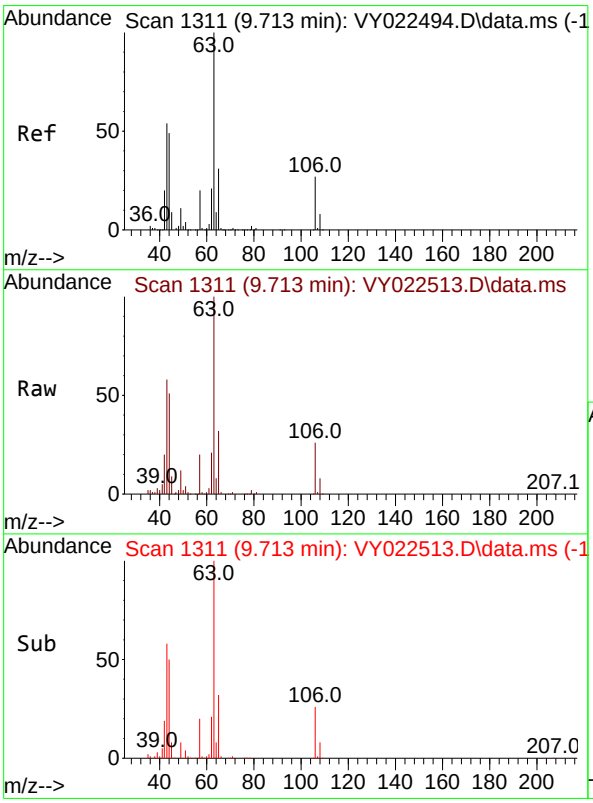
Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

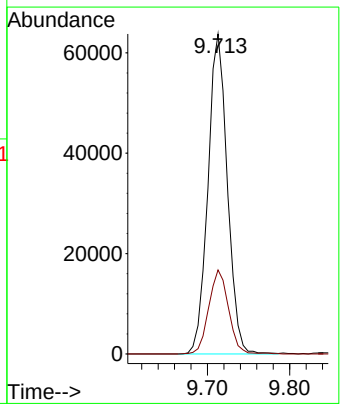
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

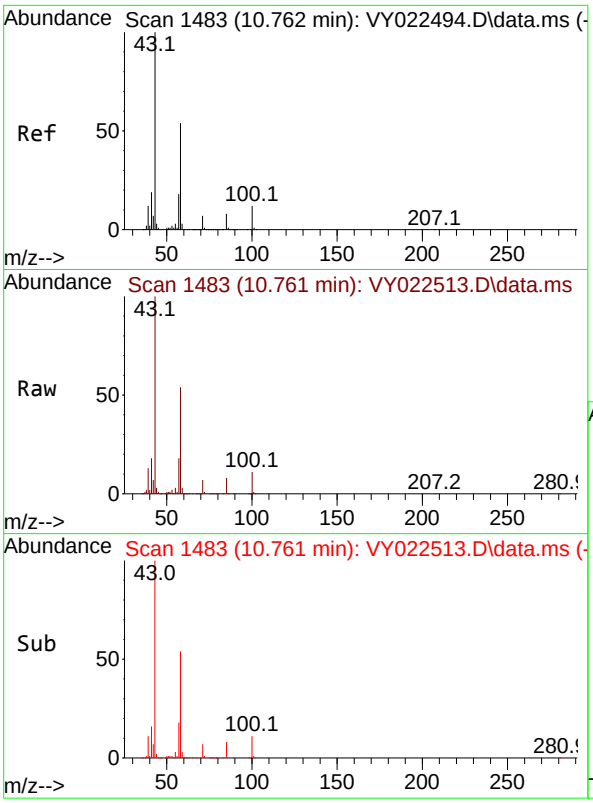


#58
2-Chloroethyl Vinyl ether
Concen: 97.502 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 104791

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4

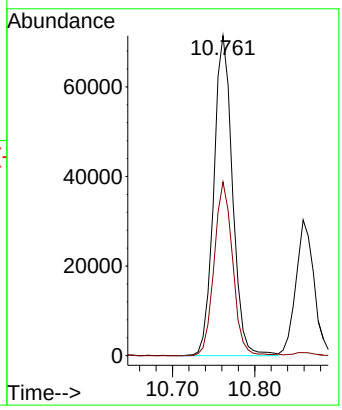




#59
2-Hexanone
Concen: 107.655 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 11308

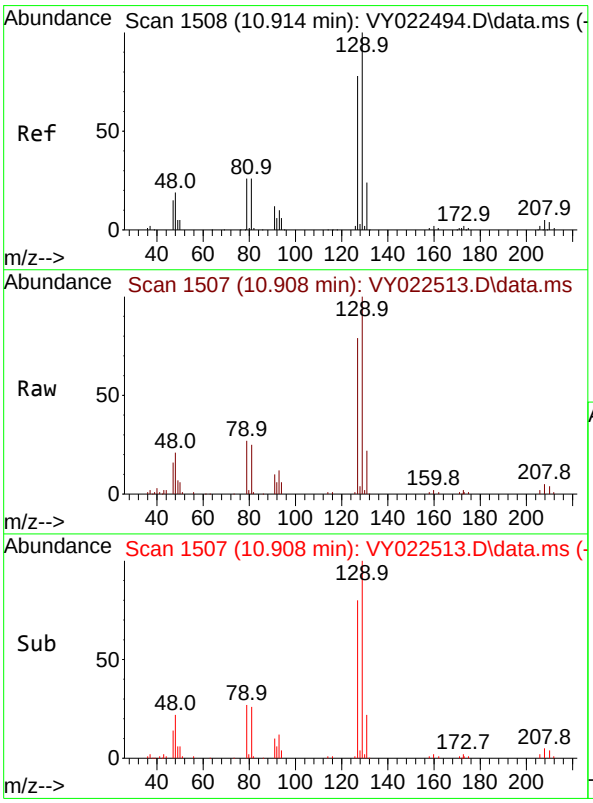
Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.3	81.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

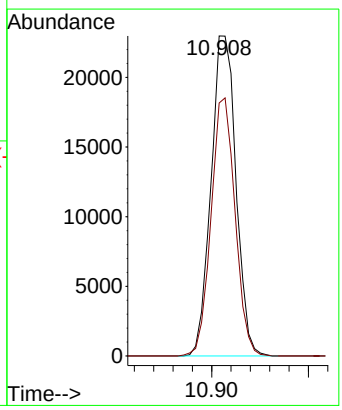
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

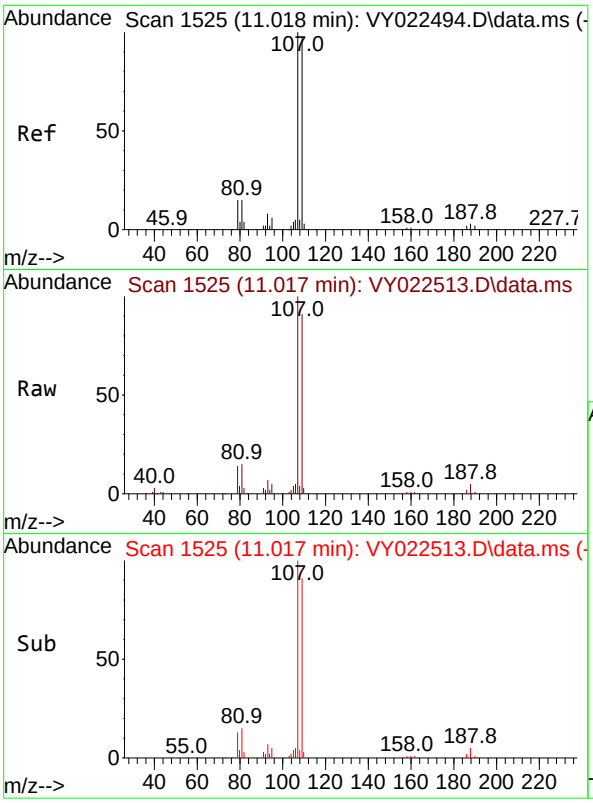


#60
Dibromochloromethane
Concen: 19.776 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:129 Resp: 41162

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.2

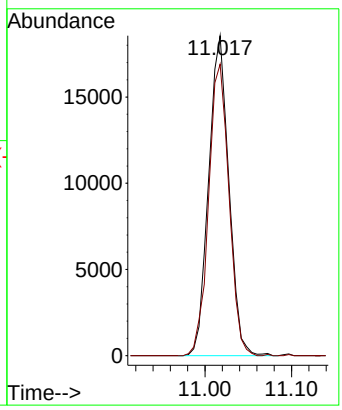




#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:107 Resp: 3005

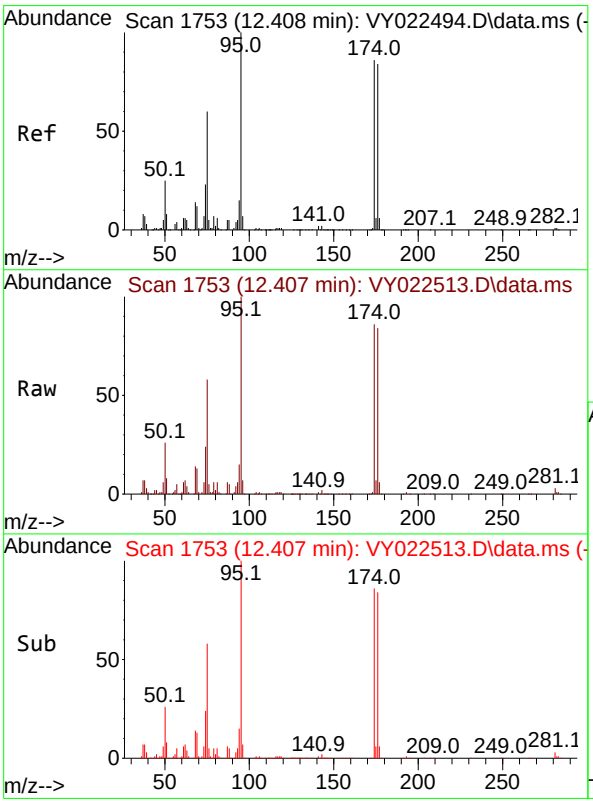
Ion	Ratio	Lower	Upper
107	100		
109	91.8	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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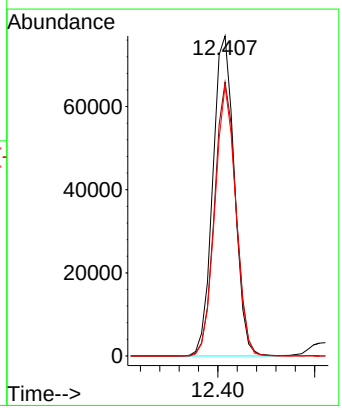
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

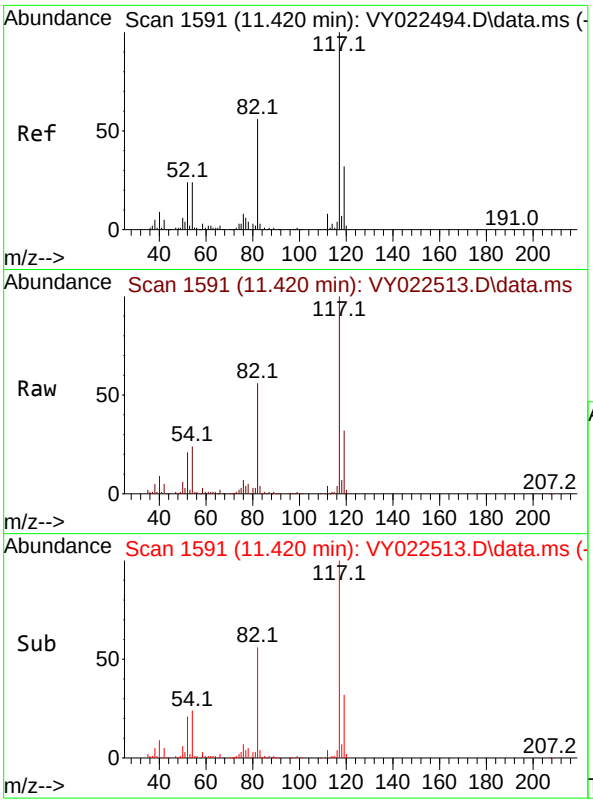


#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 95 Resp: 118916

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	170.0
176	81.7	0.0	166.2

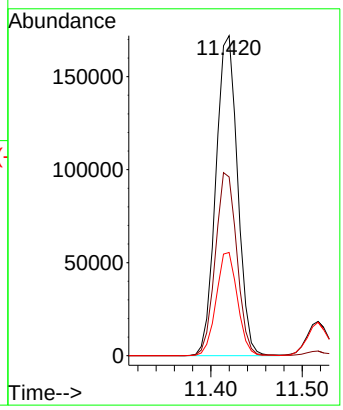




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:117 Resp: 28426

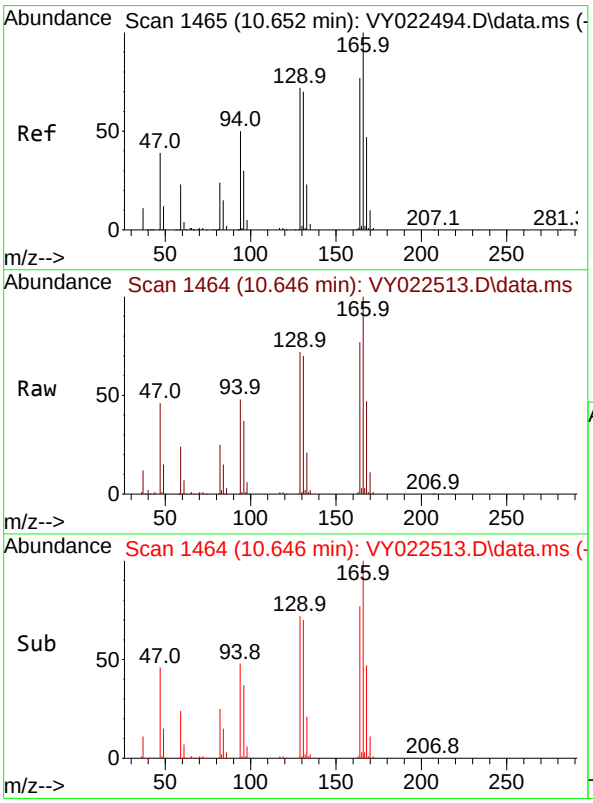
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.3	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

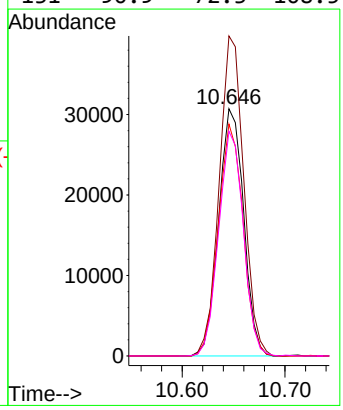
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

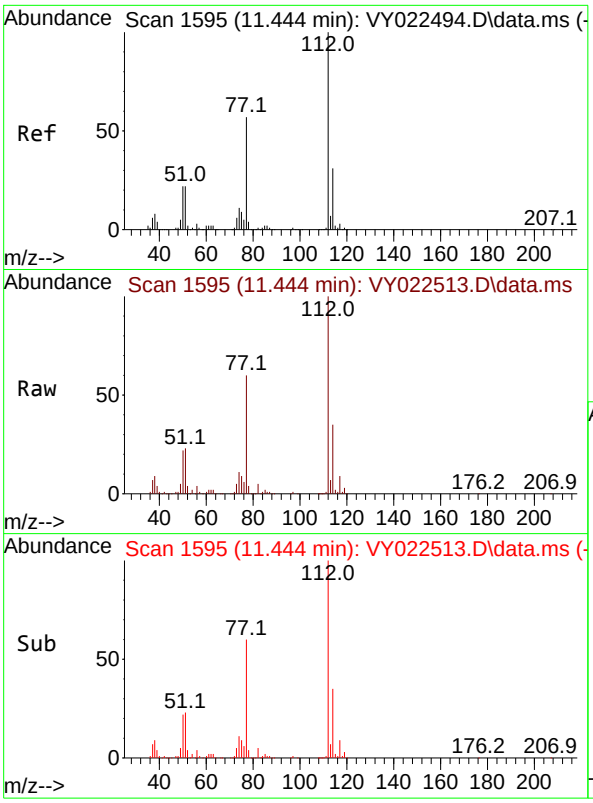


#64
Tetrachloroethene
Concen: 21.203 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:164 Resp: 51847

Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.0	156.0
129	93.8	74.5	111.7
131	90.9	72.3	108.5

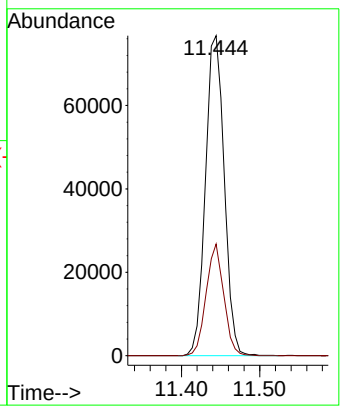




#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:112 Resp: 12759

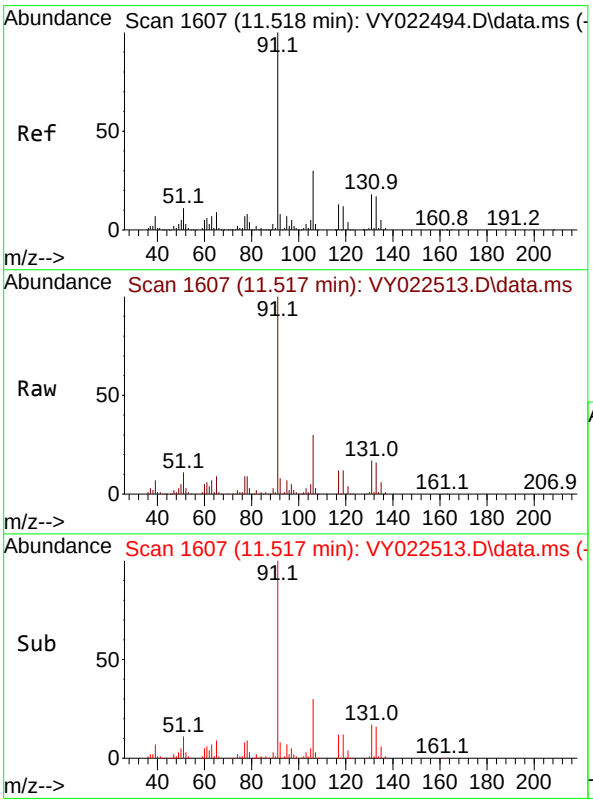
Ion	Ratio	Lower	Upper
112	100		
114	34.9	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

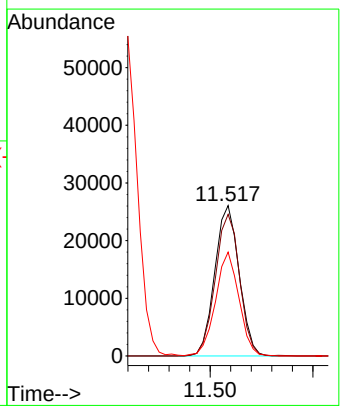
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

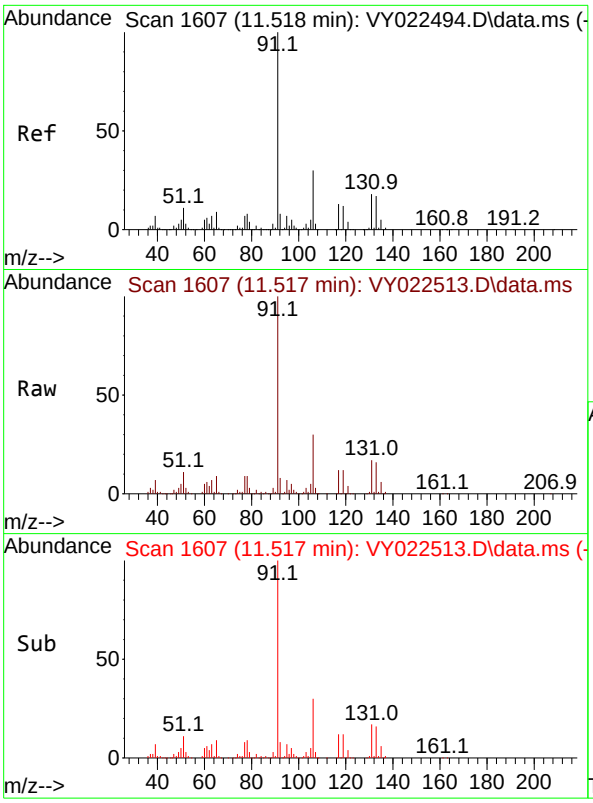


#66
1,1,1,2-Tetrachloroethane
Concen: 20.210 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:131 Resp: 42827

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.8
119	66.7	33.1	99.3

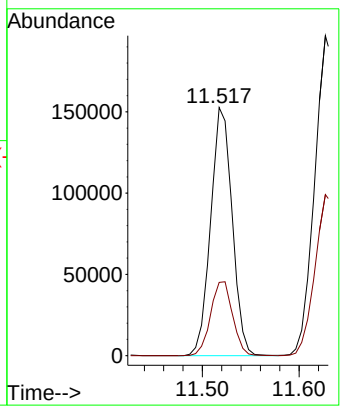




#67
Ethyl Benzene
Concen: 20.251 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 23627

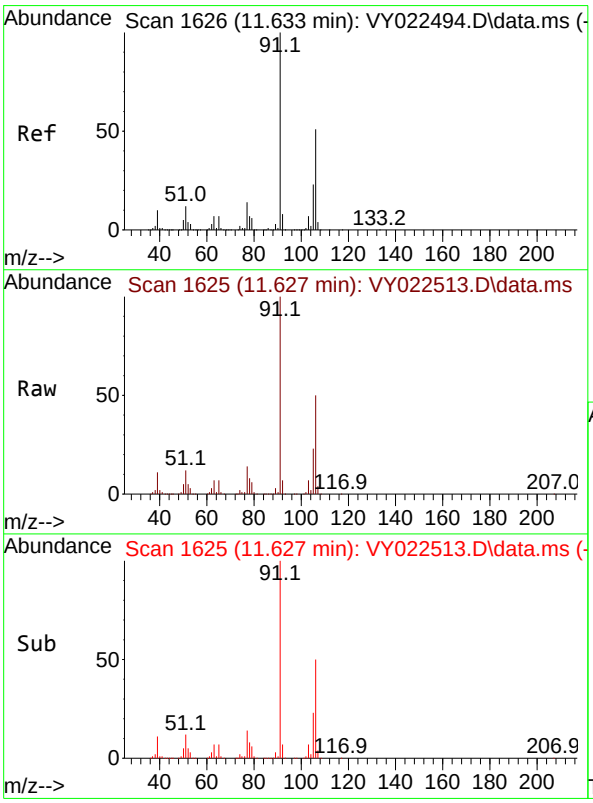
Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

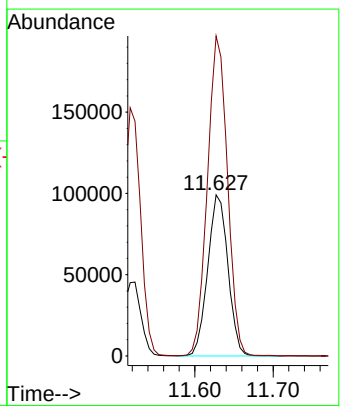
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

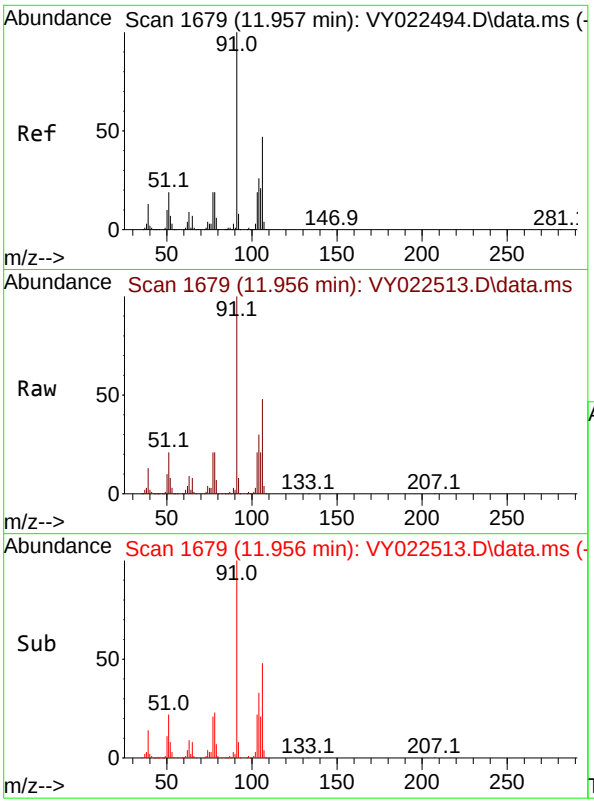


#68
m/p-Xylenes
Concen: 40.152 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:106 Resp: 177595

Ion	Ratio	Lower	Upper
106	100		
91	197.5	159.4	239.0





#69
o-Xylene
Concen: 20.025 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

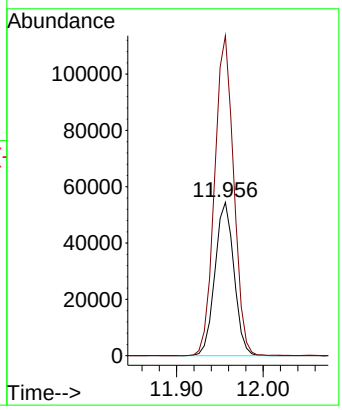
Tgt Ion:106 Resp: 8304

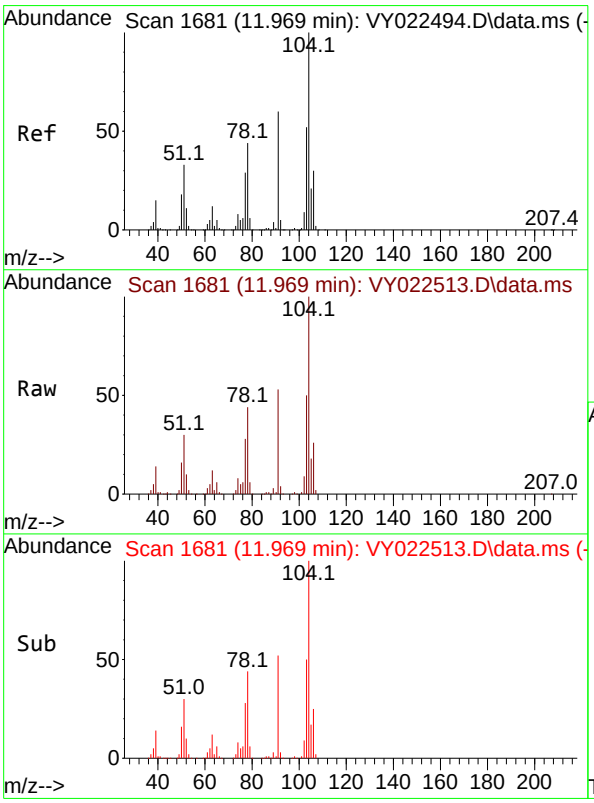
Ion	Ratio	Lower	Upper
106	100		
91	210.0	105.8	317.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

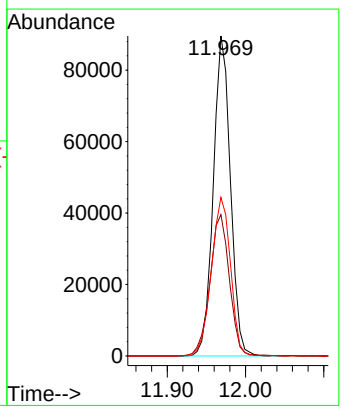


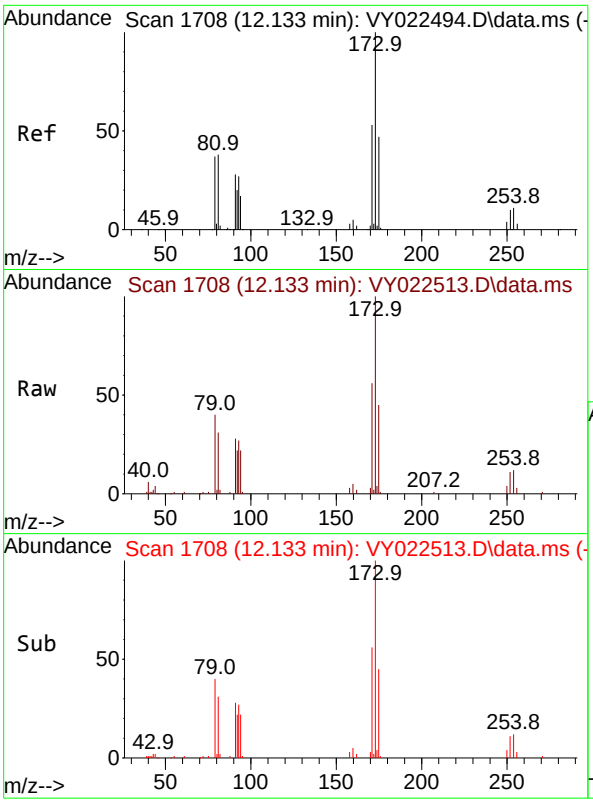


#70
Styrene
Concen: 19.898 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:104 Resp: 136395

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.5	59.3
103	55.5	44.1	66.1

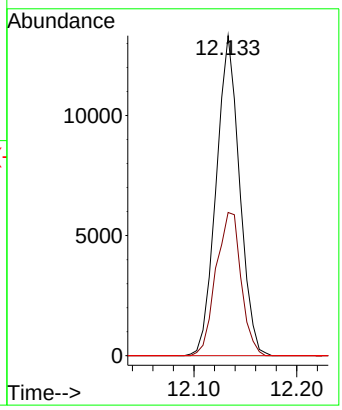




#71
Bromoform
Concen: 18.644 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:173 Resp: 2102

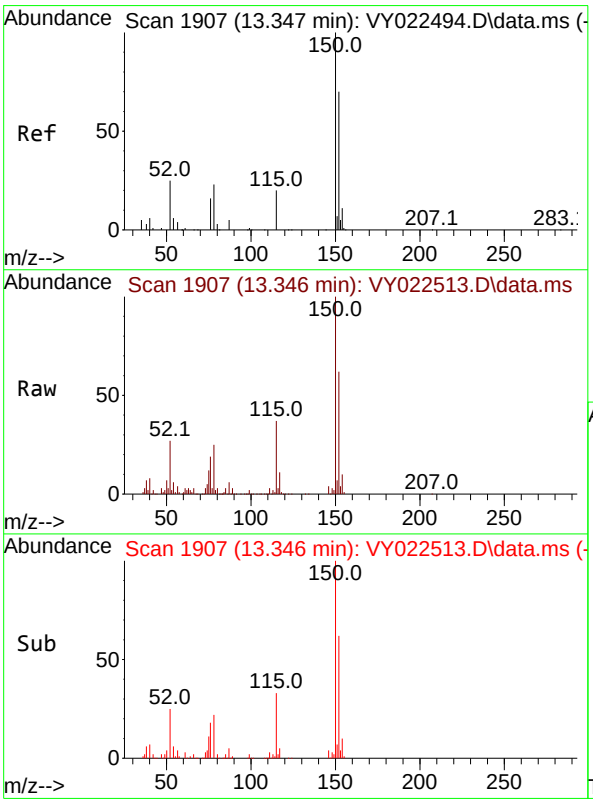
Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

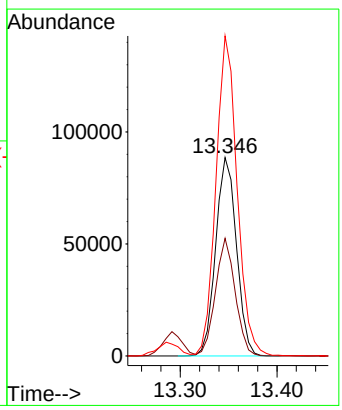
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

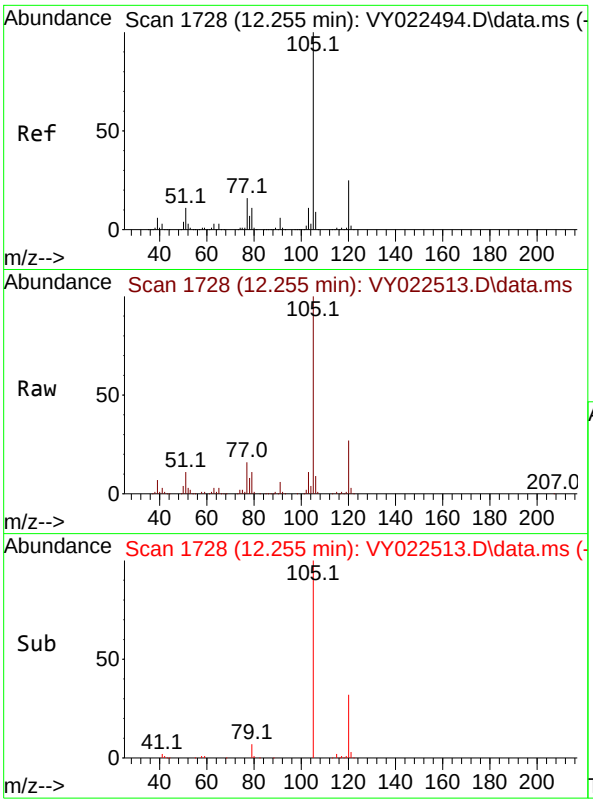


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:152 Resp: 131961

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.7
150	164.9	0.0	349.6

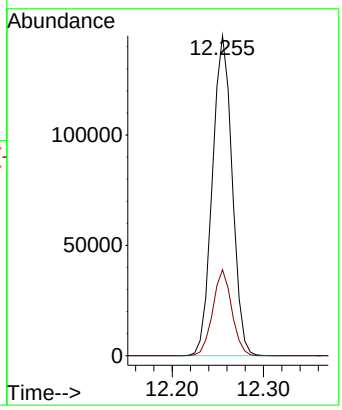




#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:105 Resp: 21808

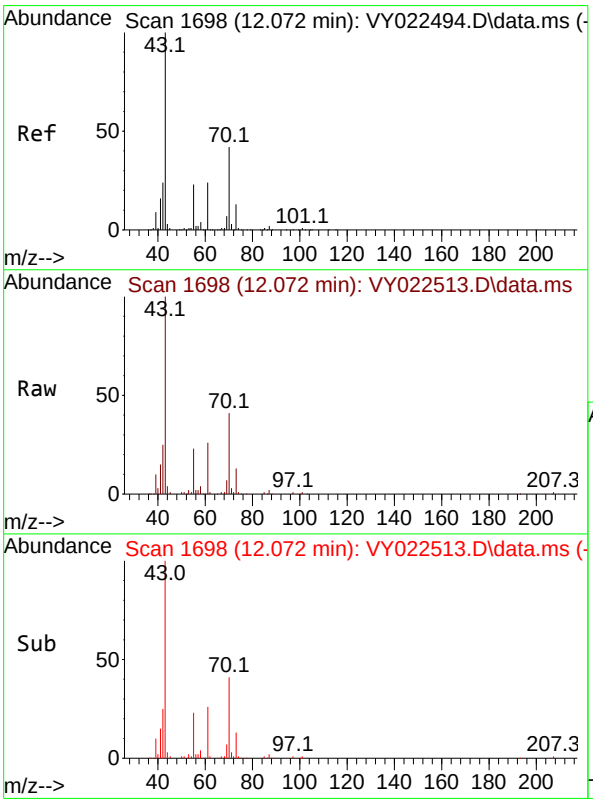
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

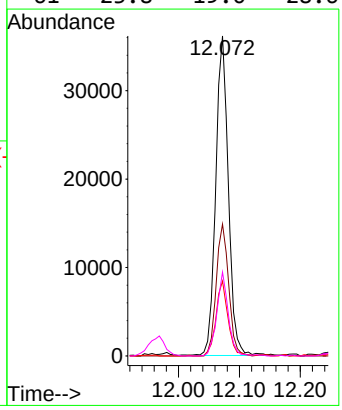
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

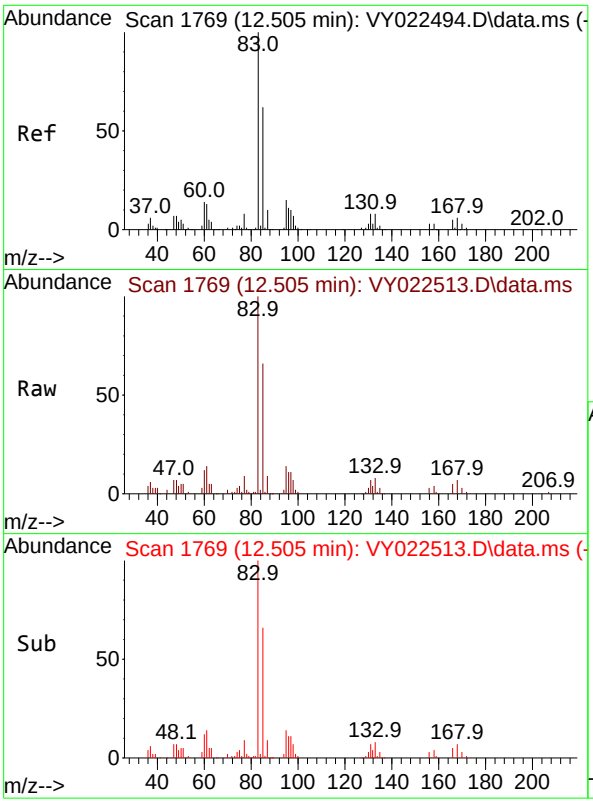


#74
N-amyl acetate
Concen: 19.006 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 51955

Ion	Ratio	Lower	Upper
43	100		
70	40.7	34.2	51.2
55	22.5	18.2	27.4
61	23.8	19.0	28.6

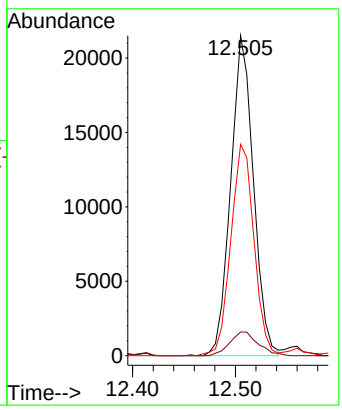




#75
1,1,2,2-Tetrachloroethane
Concen: 18.590 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 83 Resp: 3305

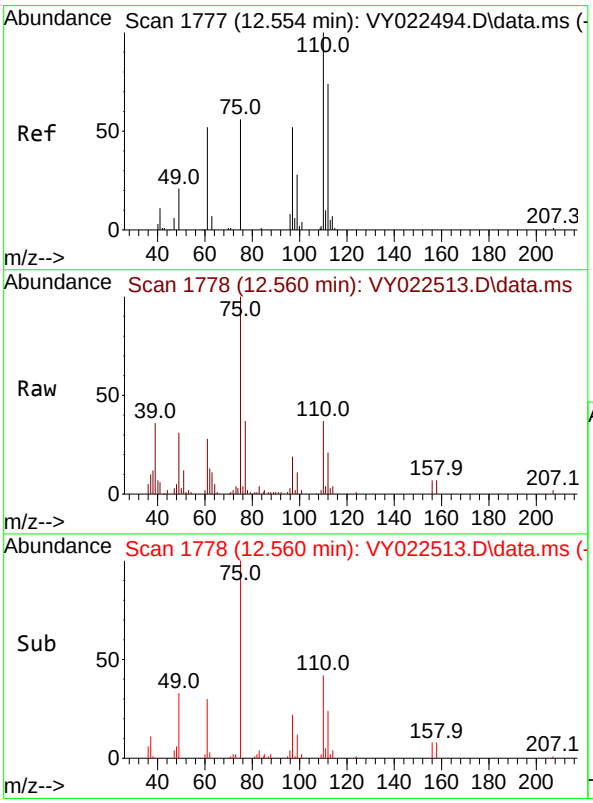
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	67.2	32.6	97.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

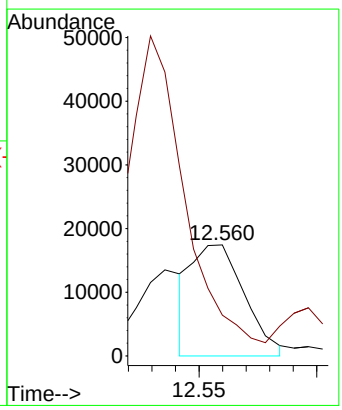
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

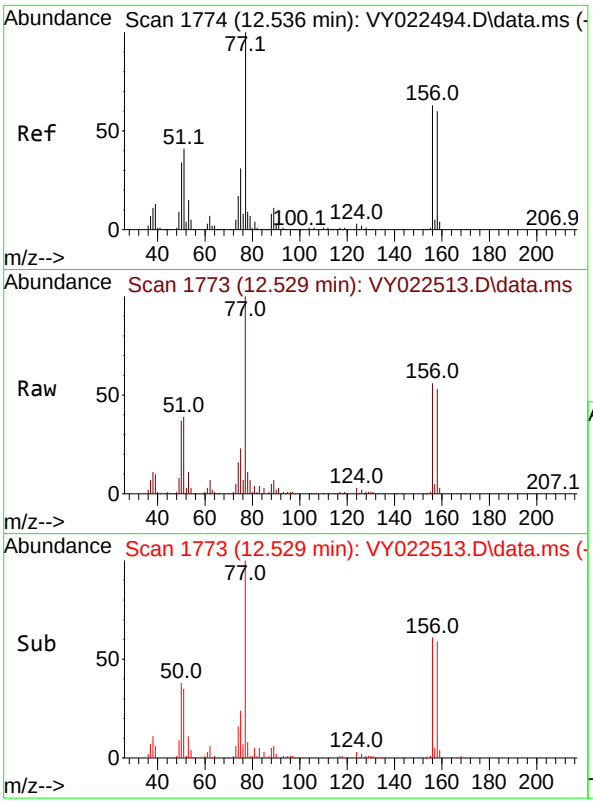


#76
1,2,3-Trichloropropane
Concen: 17.973 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 27133

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

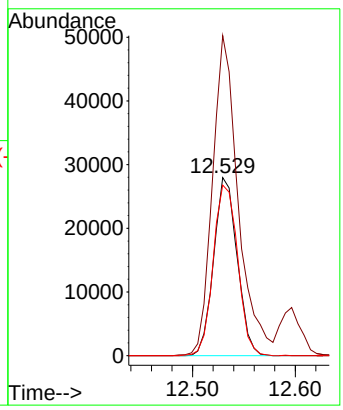




#77
Bromobenzene
Concen: 19.355 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:156 Resp: 4425

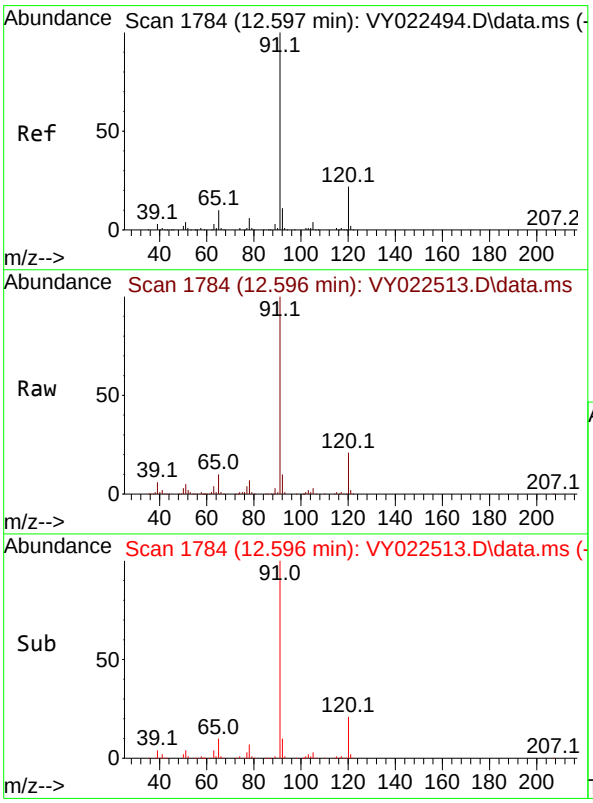
Ion	Ratio	Lower	Upper
156	100		
77	197.3	94.0	282.1
158	99.8	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

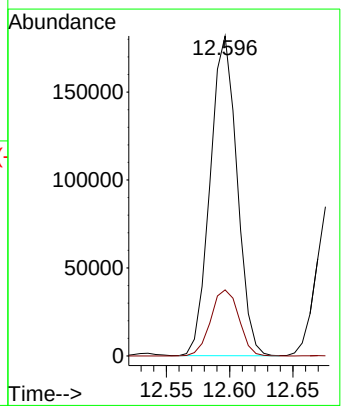
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

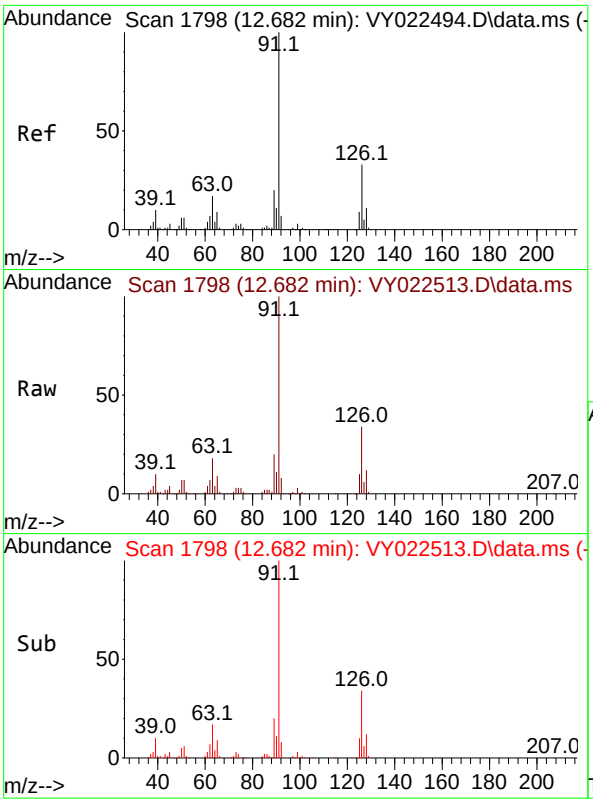


#78
n-propylbenzene
Concen: 20.282 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 268379

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4

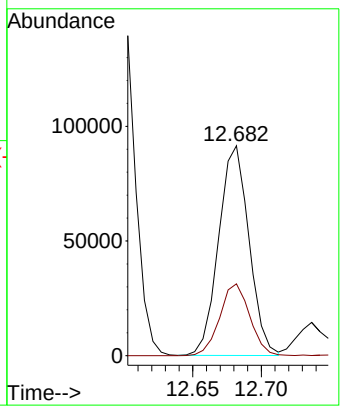




#79
2-Chlorotoluene
Concen: 20.082 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 14083

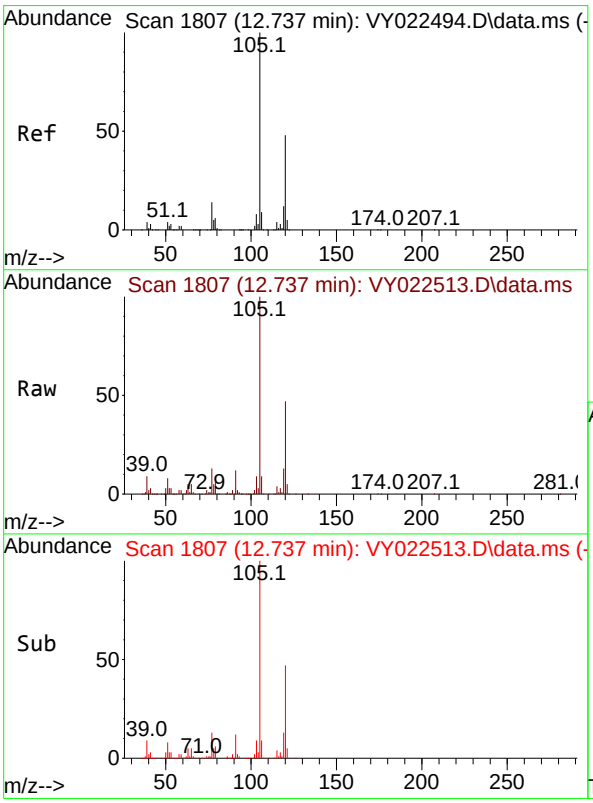
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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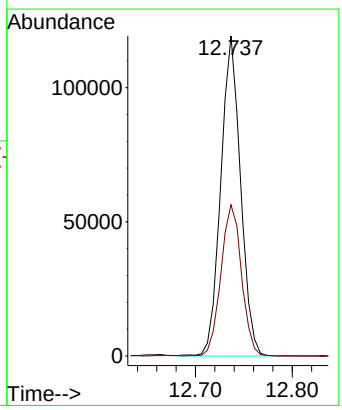
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

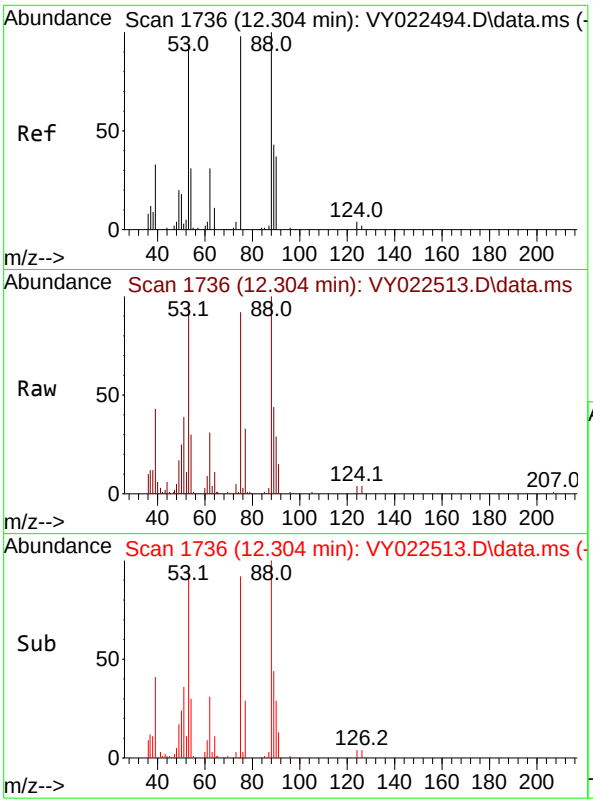


#80
1,3,5-Trimethylbenzene
Concen: 19.885 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:105 Resp: 169137

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.1	72.4

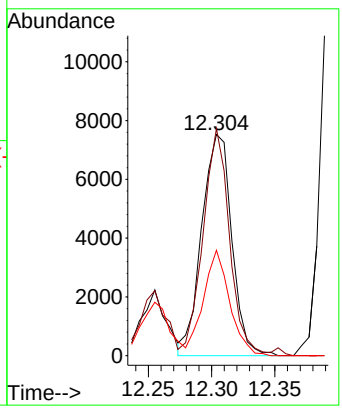




#81
trans-1,4-Dichloro-2-butene
Concen: 19.903 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 1244

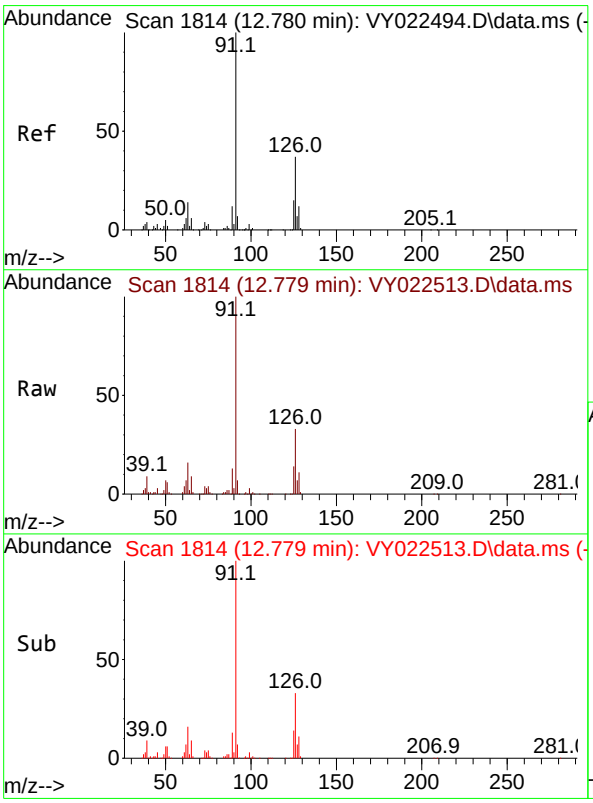
Ion	Ratio	Lower	Upper
75	100		
53	88.0	78.5	117.7
89	41.7	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

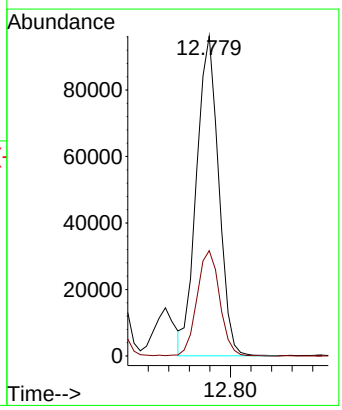
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

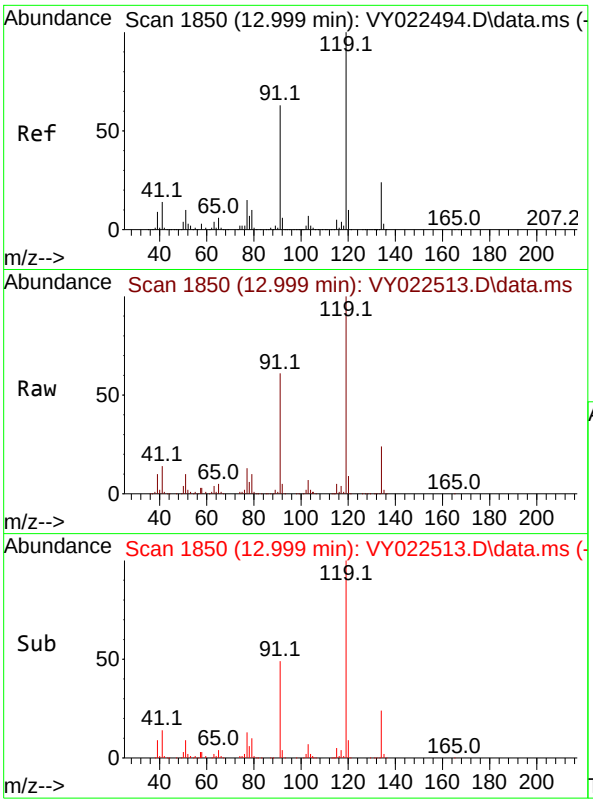


#82
4-Chlorotoluene
Concen: 19.916 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 144089

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	50.9

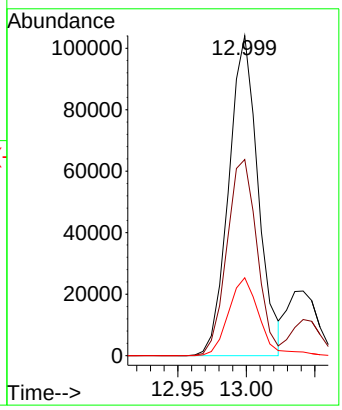




#83
tert-Butylbenzene
Concen: 20.356 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:119 Resp: 15539

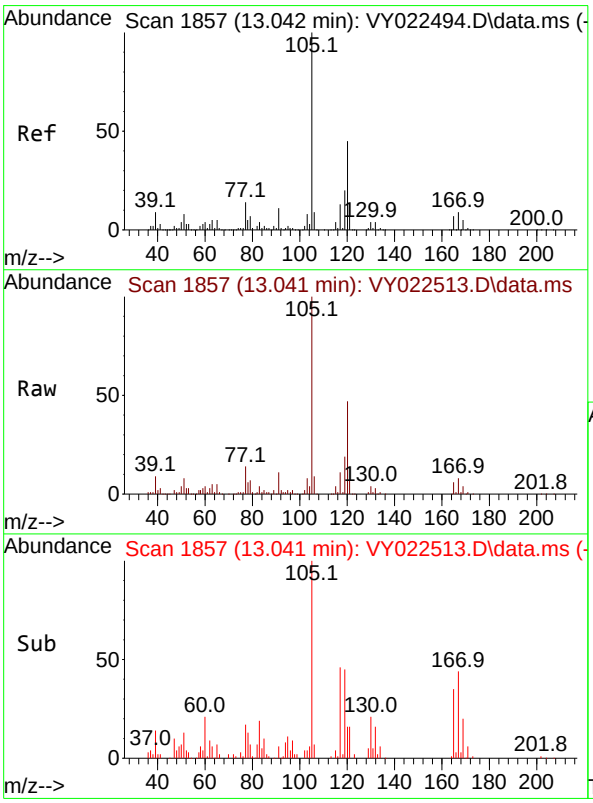
Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.1	96.3
134	25.6	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

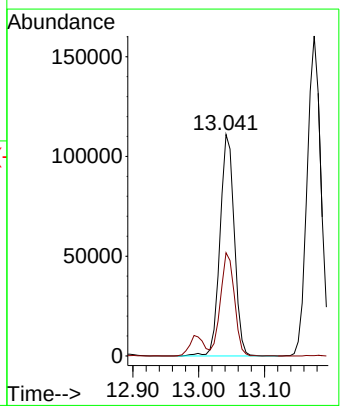
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

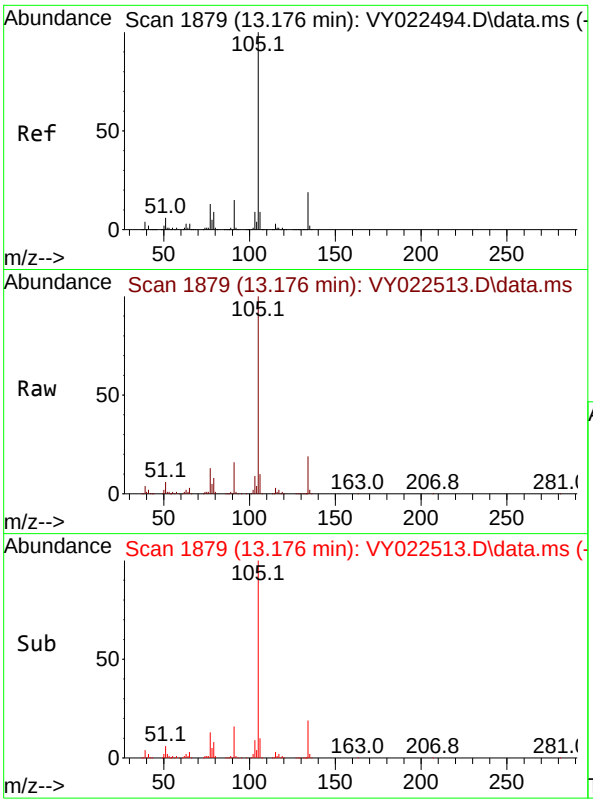


#84
1,2,4-Trimethylbenzene
Concen: 19.747 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:105 Resp: 167992

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85
sec-Butylbenzene
Concen: 20.032 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

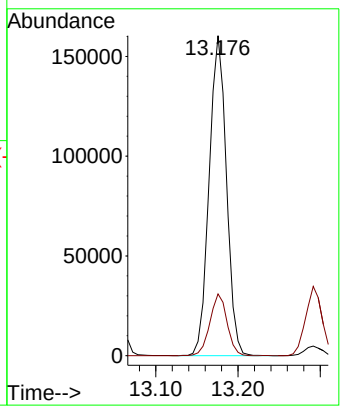
Tgt Ion:105 Resp: 23420

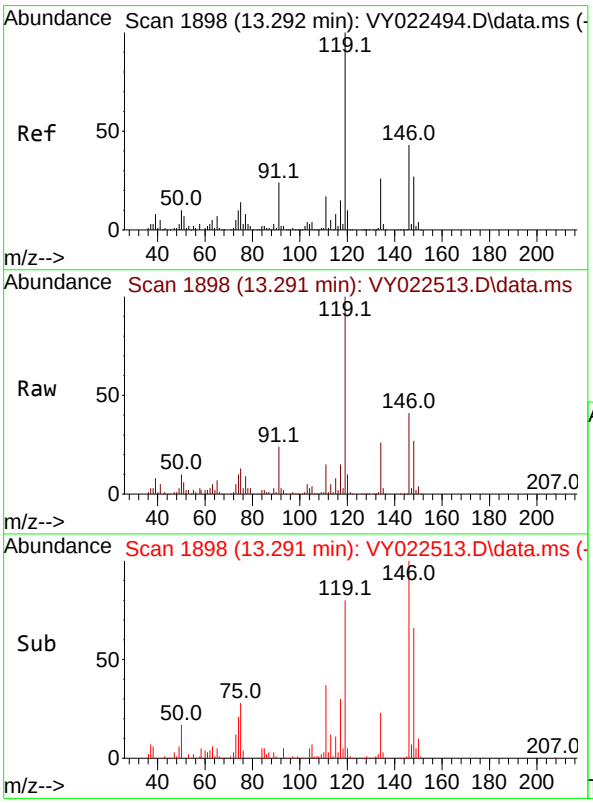
Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	28.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

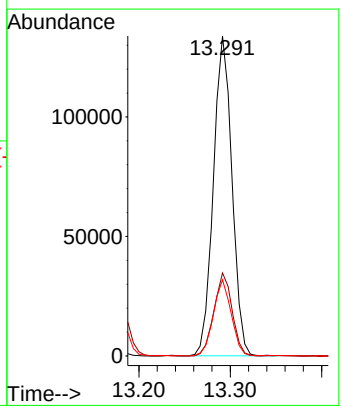


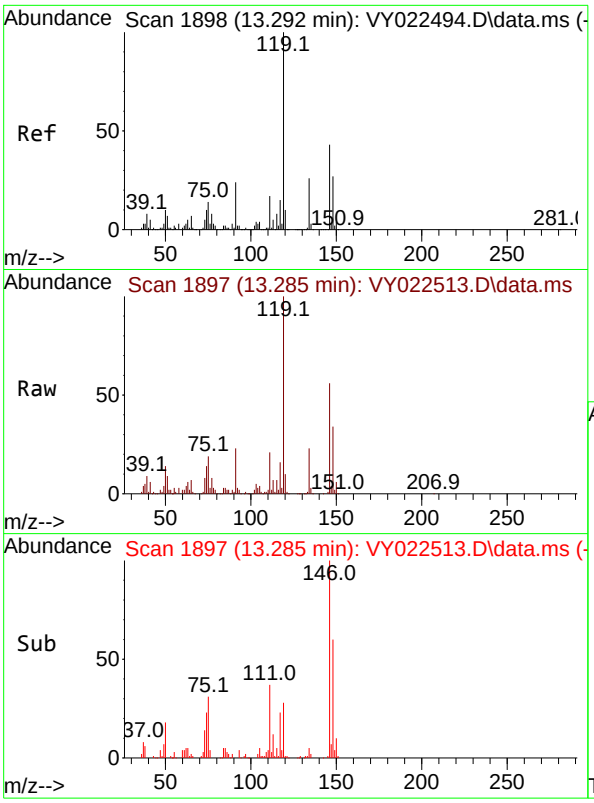


#86
p-Isopropyltoluene
Concen: 19.596 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:119 Resp: 188849

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.1
91	23.0	11.6	34.8

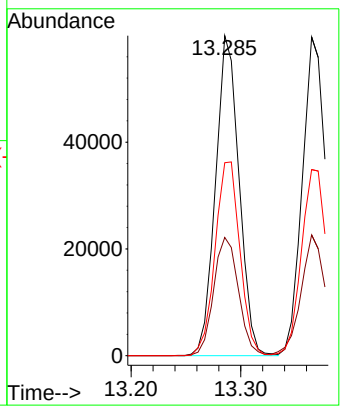




#87
1,3-Dichlorobenzene
Concen: 19.350 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:146 Resp: 8963

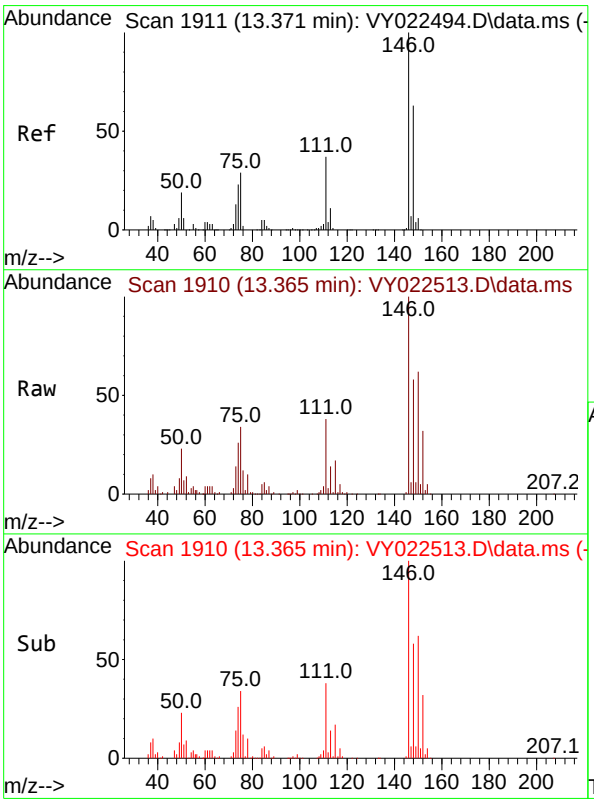
Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.8	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

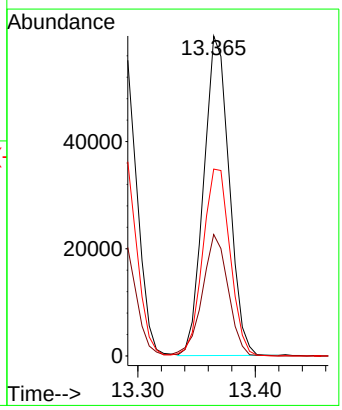
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

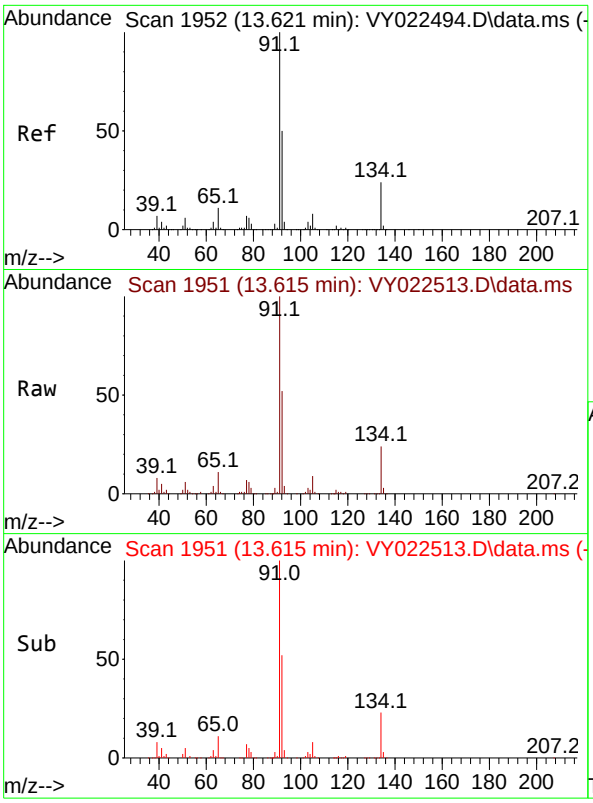


#88
1,4-Dichlorobenzene
Concen: 19.974 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:146 Resp: 89737

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	62.8	31.6	94.8

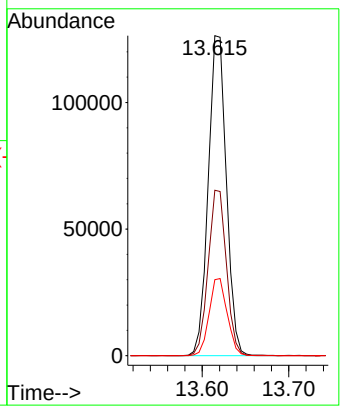




#89
n-Butylbenzene
Concen: 20.077 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 18357

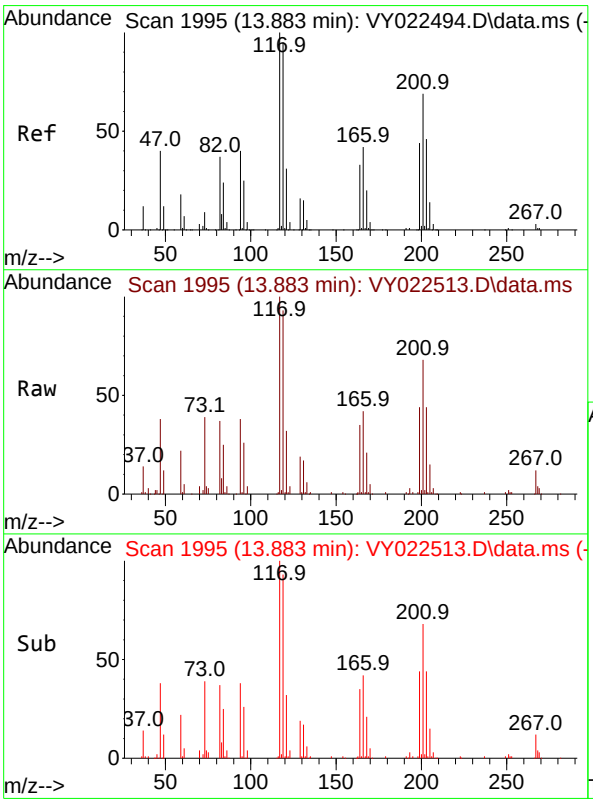
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	24.0	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

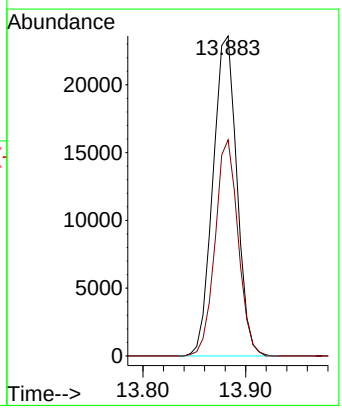
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

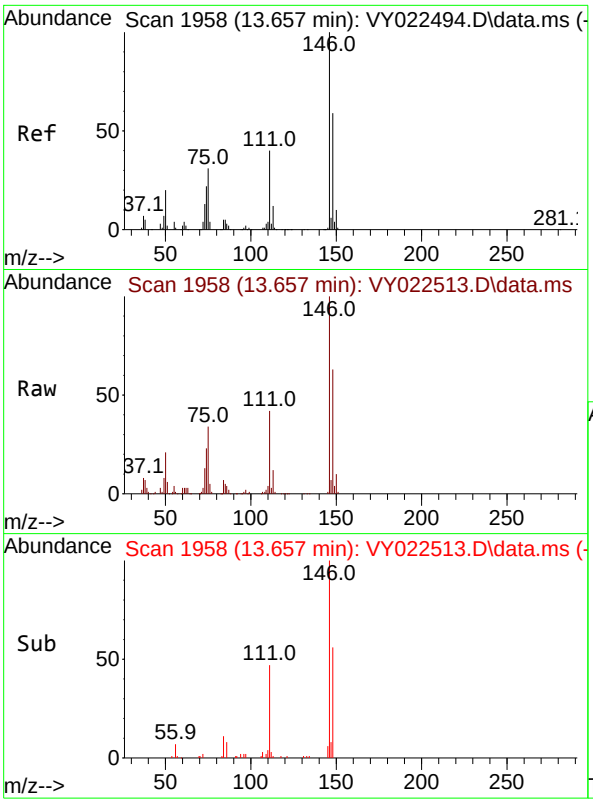


#90
Hexachloroethane
Concen: 20.338 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:117 Resp: 38158

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0

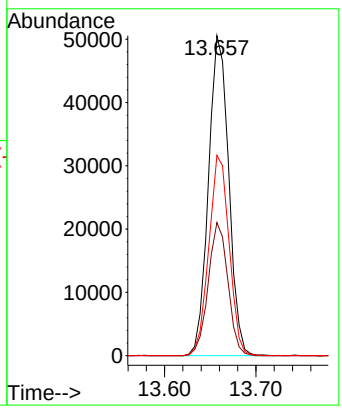




#91
1,2-Dichlorobenzene
Concen: 19.759 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:146 Resp: 7770

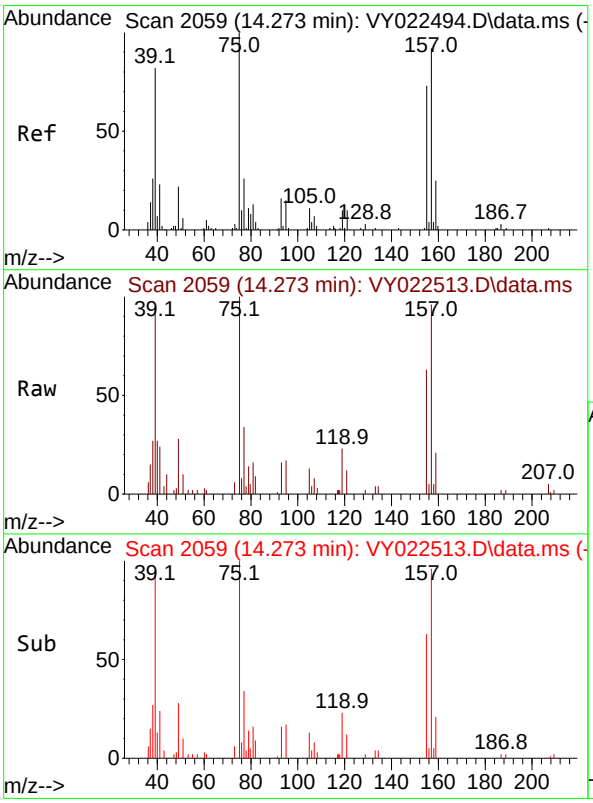
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	62.9	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

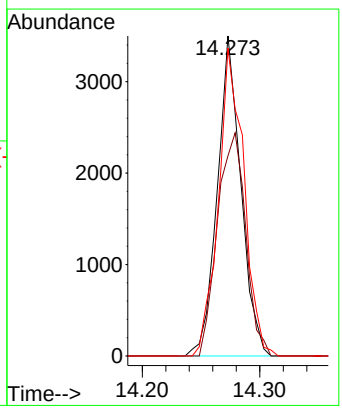
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

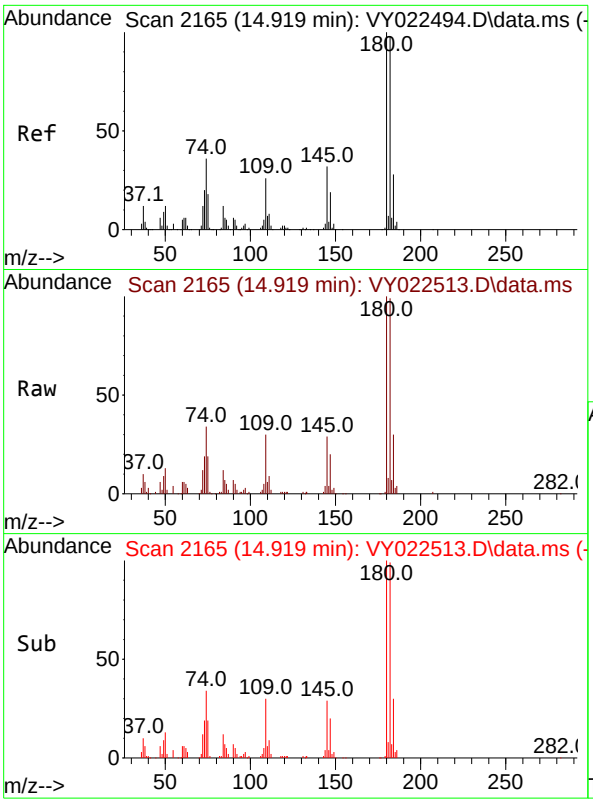


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.850 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 4880

Ion	Ratio	Lower	Upper
75	100		
155	83.4	39.9	119.6
157	103.7	54.0	162.0

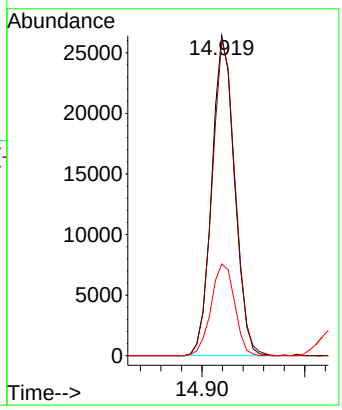




#93
1,2,4-Trichlorobenzene
Concen: 18.836 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:180 Resp: 4040

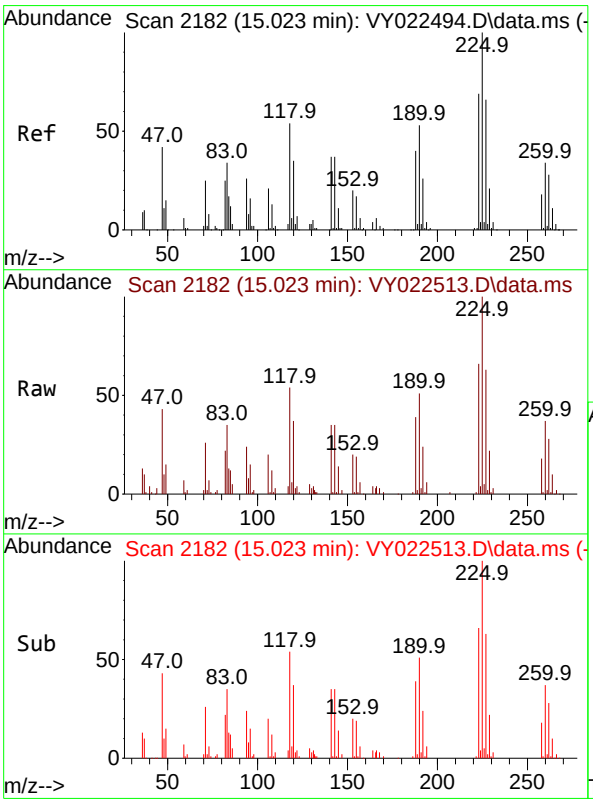
Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.4	145.3
145	29.8	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

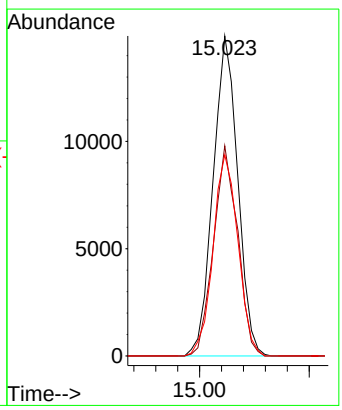
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

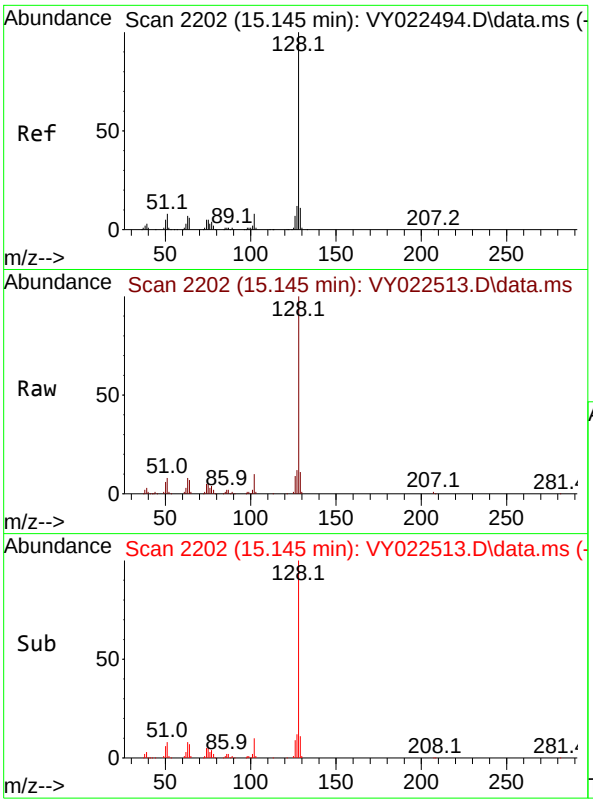


#94
Hexachlorobutadiene
Concen: 19.652 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:225 Resp: 23265

Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.5	97.4
227	63.6	32.3	96.9

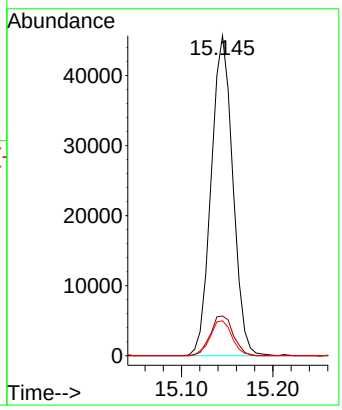




#95
Naphthalene
Concen: 18.211 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:128 Resp: 7496

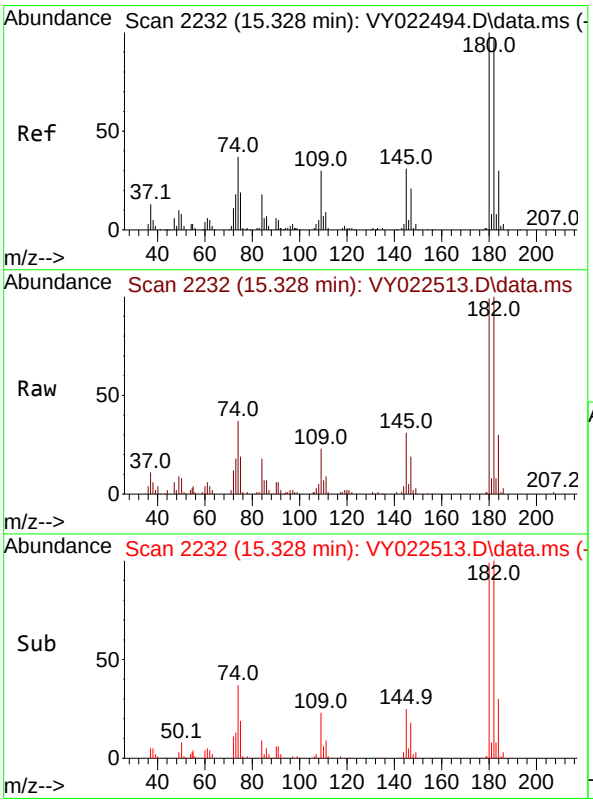
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Manual Integrations
APPROVED

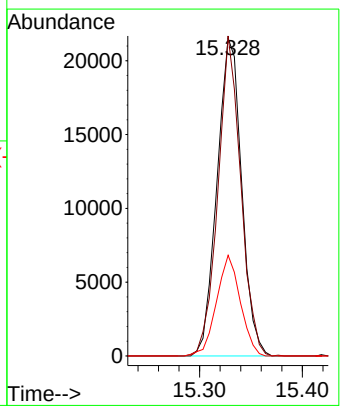
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.418 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:180 Resp: 35695

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.1	141.3
145	30.7	15.2	45.6



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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0603SBSD01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022514.D	1		06/03/25 11:38	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
74-87-3	Chloromethane	22.2		1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.2		0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	21.2		1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	21.6		1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.2		1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.7		1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	120		4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.3		1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.3		3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.9		0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.1		0.80	2.50	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.4		0.75	2.50	5.00	ug/Kg
67-66-3	Chloroform	21.6		0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.3		0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	21.0		0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.0		0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	21.5		0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.7		0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.0		0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.9		3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.9		0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	98.4		3.70	12.5	25.0	ug/Kg

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VY0603SBSD01	SDG No.:	Q2162
Lab Sample ID:	VY0603SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022514.D	1		06/03/25 11:38	VY060325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
124-48-1	Dibromochloromethane	20.2		0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.3		1.10	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.8		0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.3		1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	20.7		0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	19.9		0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.7		1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.9		1.50	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.7		71 - 136		101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	52.6		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	196000	7.707				
540-36-3	1,4-Difluorobenzene	334000	8.616				
3114-55-4	Chlorobenzene-d5	277000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.346				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	196295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111211	50.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.634	113	102540	51.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.940%			
50) Toluene-d8	10.109	98	423577	52.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.408	95	120123	50.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39450	22.448	ug/l	92
3) Chloromethane	2.068	50	115283	22.204	ug/l	98
4) Vinyl Chloride	2.202	62	133679	22.195	ug/l	98
5) Bromomethane	2.592	94	122385	21.200	ug/l	99
6) Chloroethane	2.732	64	89448	21.637	ug/l	96
7) Trichlorofluoromethane	3.049	101	108350	21.191	ug/l	98
8) Diethyl Ether	3.458	74	24283	21.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	43506	20.203	ug/l	97
10) Methyl Iodide	4.007	142	46266	19.853	ug/l	100
11) Tert butyl alcohol	4.872	59	16220	103.440	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	44732	21.731	ug/l	97
13) Acrolein	3.659	56	20248	103.612	ug/l	95
14) Allyl chloride	4.385	41	66730	20.650	ug/l	98
15) Acrylonitrile	5.055	53	47639	97.686	ug/l	96
16) Acetone	3.879	43	51428	115.345	ug/l	98
17) Carbon Disulfide	4.104	76	140692	21.348	ug/l	99
18) Methyl Acetate	4.391	43	25743	19.498	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	118588	20.454	ug/l	97
20) Methylene Chloride	4.616	84	48900	19.308	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	48144	20.897	ug/l	98
22) Diisopropyl ether	6.018	45	152316	21.175	ug/l	99
23) Vinyl Acetate	5.964	43	430636	101.150	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89303	21.074	ug/l	98
25) 2-Butanone	6.896	43	69185	107.575	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80364	21.464	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	57093	21.440	ug/l	99
28) Bromochloromethane	7.250	49	38497	20.841	ug/l	99
29) Tetrahydrofuran	7.262	42	39069	94.187	ug/l	97
30) Chloroform	7.421	83	90558	21.576	ug/l	98
31) Cyclohexane	7.707	56	83149	19.710	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78839	21.159	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67396	20.845	ug/l	100
37) Ethyl Acetate	6.988	43	29632	20.551	ug/l	99
38) Carbon Tetrachloride	7.817	117	69195	20.862	ug/l	97
39) Methylcyclohexane	9.109	83	88301	20.323	ug/l	98
40) Benzene	8.079	78	200930	21.041	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	15352m	18.228	ug/l		
42) 1,2-Dichloroethane	8.164	62	54776	21.007	ug/l		98
43) Isopropyl Acetate	8.201	43	61432	19.728	ug/l		98
44) Trichloroethene	8.866	130	50293	21.548	ug/l		90
45) 1,2-Dichloropropane	9.140	63	46638	20.665	ug/l		99
46) Dibromomethane	9.231	93	25459	20.051	ug/l		98
47) Bromodichloromethane	9.420	83	67575	20.989	ug/l		100
48) Methyl methacrylate	9.225	41	28959	19.815	ug/l		98
49) 1,4-Dioxane	9.237	88	5727	380.729	ug/l		95
51) 4-Methyl-2-Pentanone	9.999	43	150410	96.879	ug/l		100
52) Toluene	10.170	92	123263	20.539	ug/l		96
53) t-1,3-Dichloropropene	10.396	75	60064	19.911	ug/l		94
54) cis-1,3-Dichloropropene	9.859	75	71904	20.477	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	33397	20.628	ug/l		92
56) Ethyl methacrylate	10.438	69	45653	19.510	ug/l		98
57) 1,3-Dichloropropane	10.719	76	58164	20.269	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	110692	104.188	ug/l		99
59) 2-Hexanone	10.762	43	102187	98.414	ug/l		99
60) Dibromochloromethane	10.908	129	41567	20.203	ug/l		100
61) 1,2-Dibromoethane	11.018	107	29473	19.973	ug/l		98
64) Tetrachloroethene	10.646	164	50817	21.307	ug/l		96
65) Chlorobenzene	11.438	112	129702	21.140	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.517	131	43105	20.856	ug/l		99
67) Ethyl Benzene	11.517	91	236352	20.770	ug/l		99
68) m/p-Xylenes	11.627	106	178031	41.269	ug/l		99
69) o-Xylene	11.956	106	83649	20.682	ug/l		100
70) Styrene	11.969	104	137611	20.583	ug/l		99
71) Bromoform	12.133	173	21869	19.883	ug/l	#	99
73) Isopropylbenzene	12.255	105	220201	21.105	ug/l		100
74) N-amyl acetate	12.072	43	52673	20.008	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34208	19.977	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	26292m	18.084	ug/l		
77) Bromobenzene	12.529	156	46055	20.918	ug/l		100
78) n-propylbenzene	12.597	91	269951	21.184	ug/l		99
79) 2-Chlorotoluene	12.682	91	142085	21.037	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	170919	20.866	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	11460	19.036	ug/l		95
82) 4-Chlorotoluene	12.779	91	141886	20.364	ug/l		96
83) tert-Butylbenzene	12.999	119	156660	21.309	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	170782	20.846	ug/l		99
85) sec-Butylbenzene	13.176	105	235402	20.907	ug/l		99
86) p-Isopropyltoluene	13.292	119	190486	20.525	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	91645	20.544	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	89601	20.709	ug/l		99
89) n-Butylbenzene	13.615	91	189125	21.478	ug/l		99
90) Hexachloroethane	13.877	117	38174	21.128	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	79301	20.938	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4844	19.429	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	43264	20.945	ug/l		99
94) Hexachlorobutadiene	15.023	225	23654	20.747	ug/l		99
95) Naphthalene	15.145	128	76972	19.418	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	35926	20.294	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

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

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

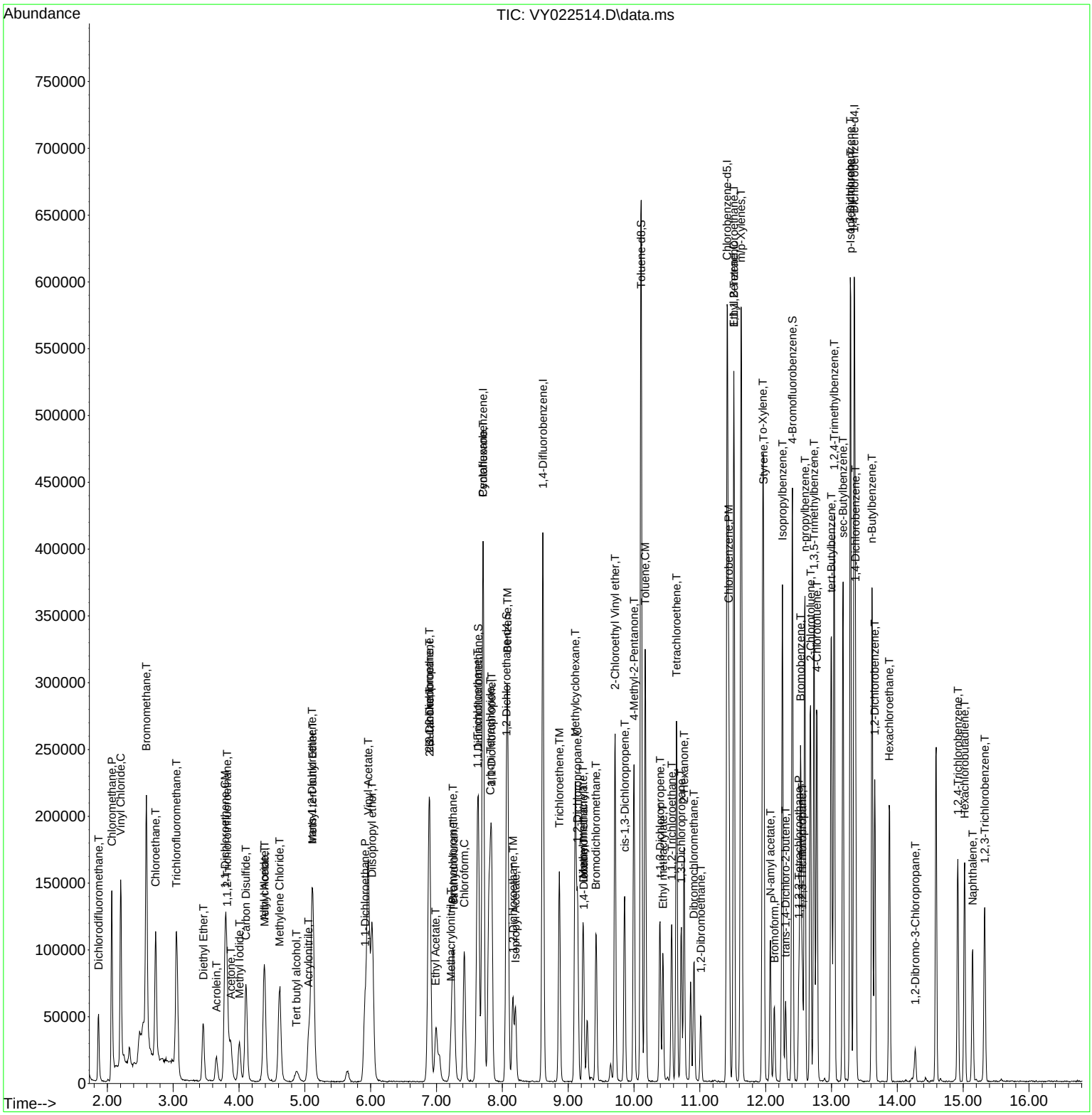
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

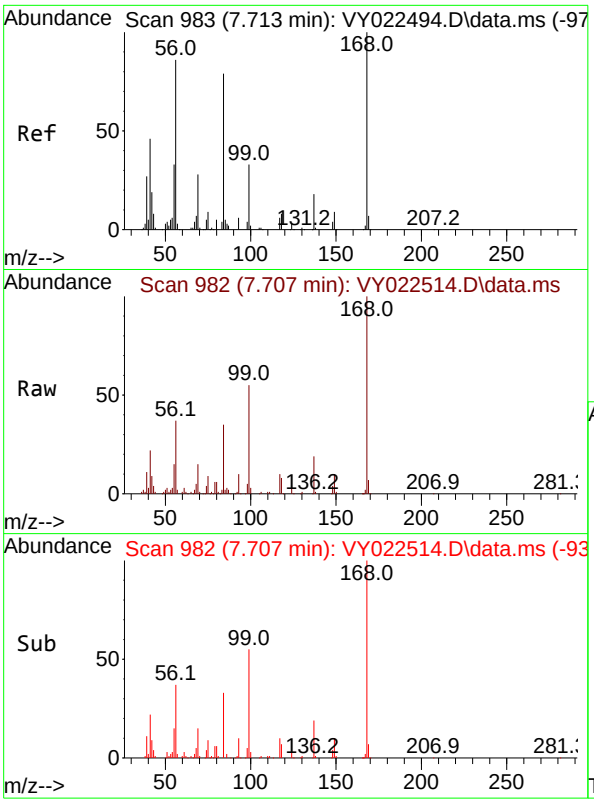
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

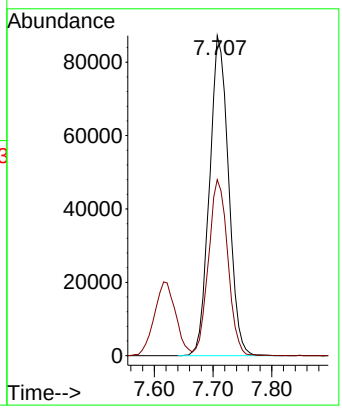




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:168 Resp: 19629

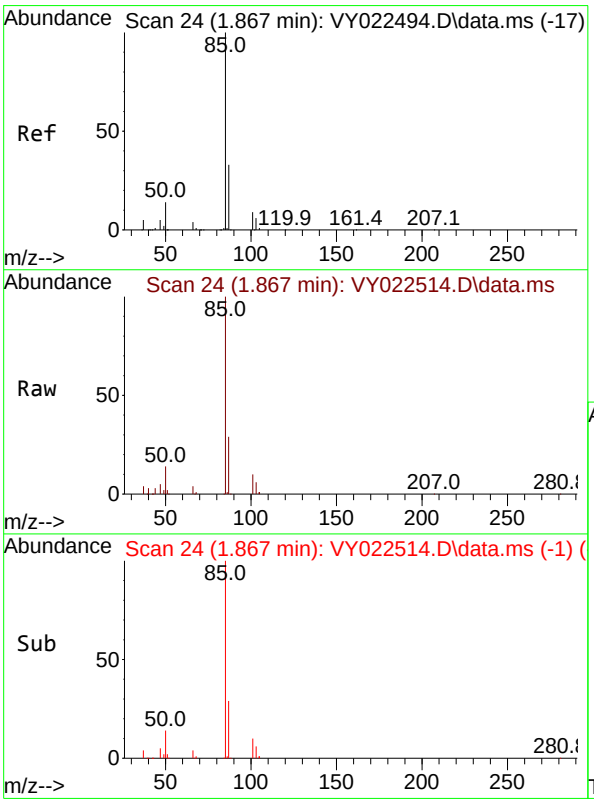
Ion	Ratio	Lower	Upper
168	100		
99	55.0	44.3	66.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

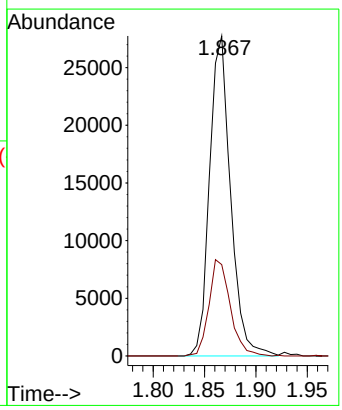
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

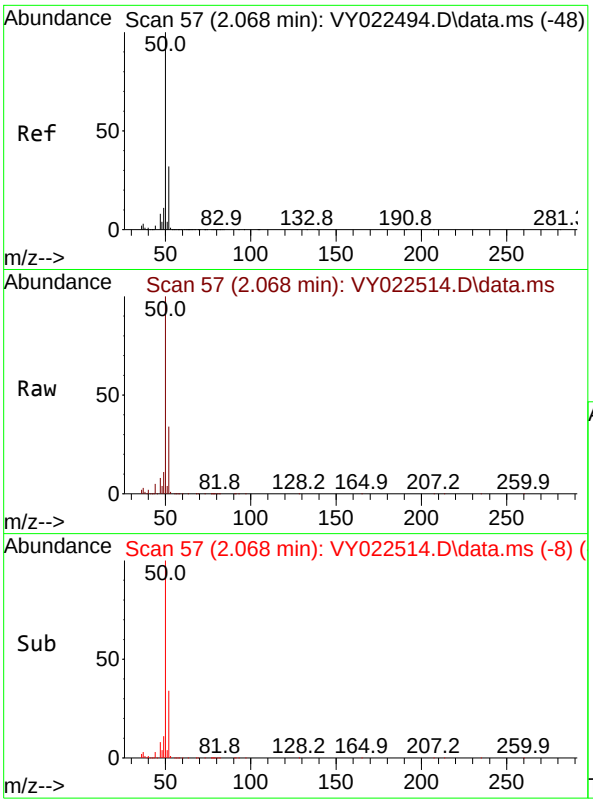


#2
Dichlorodifluoromethane
Concen: 22.448 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 85 Resp: 39450

Ion	Ratio	Lower	Upper
85	100		
87	28.5	16.7	50.0

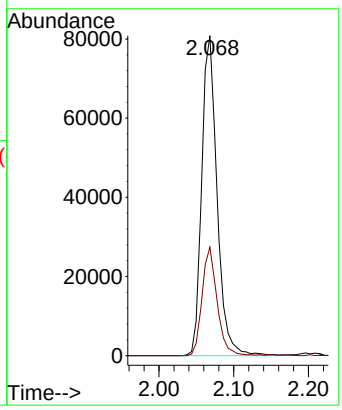




#3
Chloromethane
Concen: 22.204 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 50 Resp: 11528

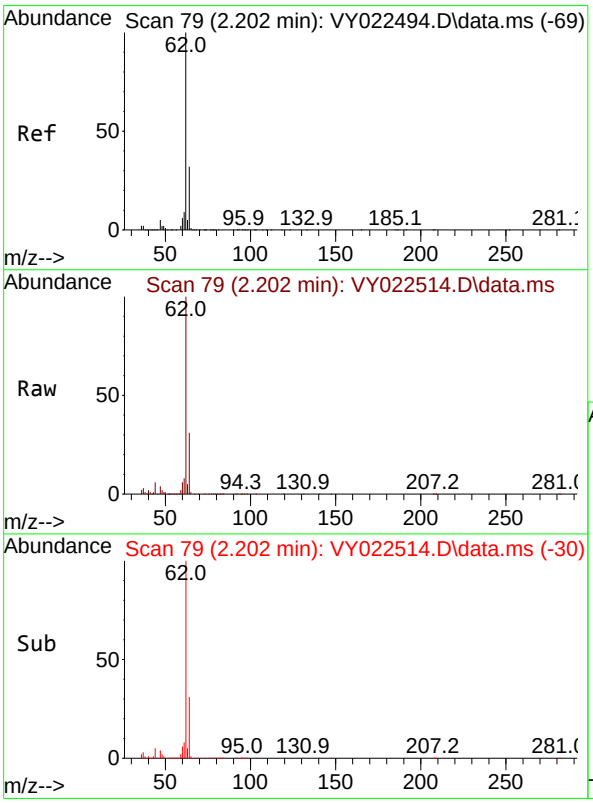
Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.0	39.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

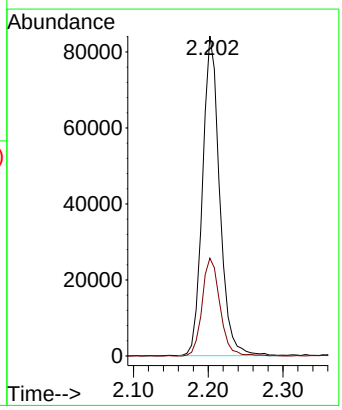
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

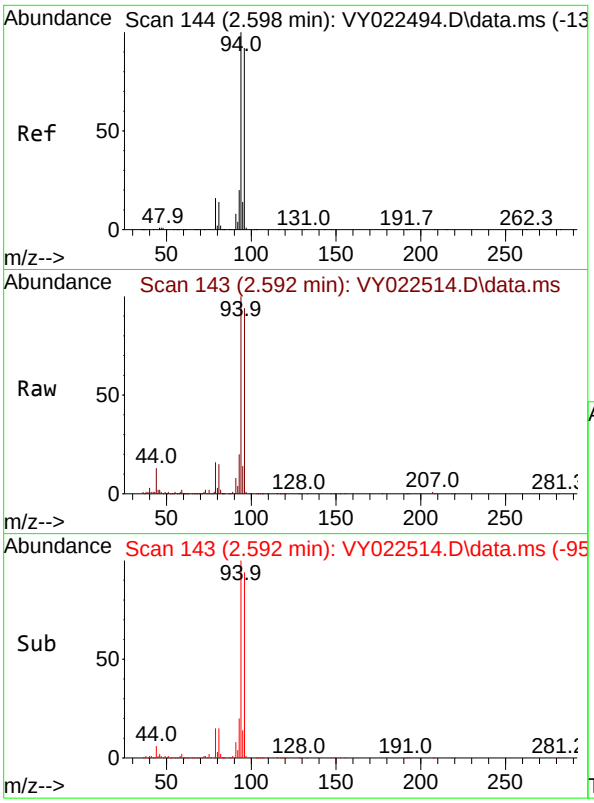


#4
Vinyl Chloride
Concen: 22.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 62 Resp: 133679

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.3	37.9





#5
Bromomethane
Concen: 21.200 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

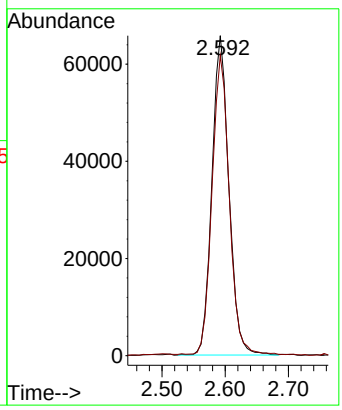
Tgt Ion: 94 Resp: 12238

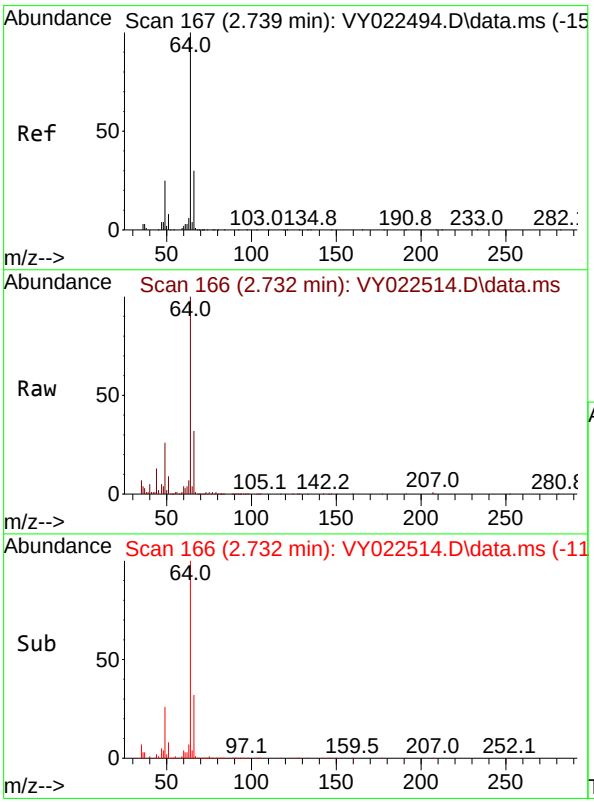
Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.0	111.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

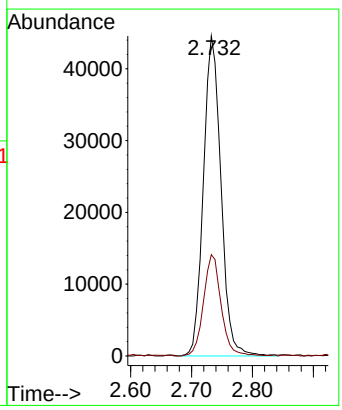


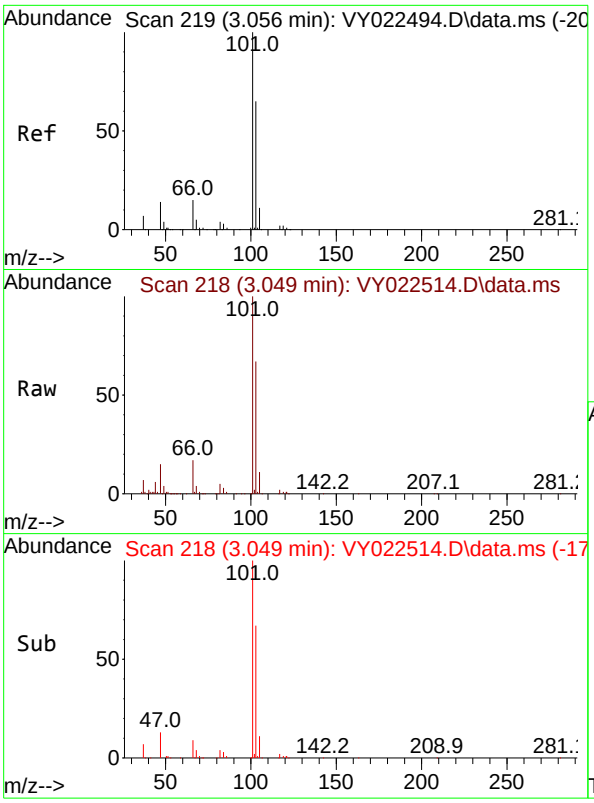


#6
Chloroethane
Concen: 21.637 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 64 Resp: 89448

Ion	Ratio	Lower	Upper
64	100		
66	31.6	23.8	35.6

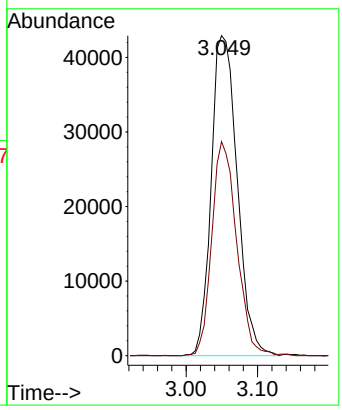




#7
Trichlorofluoromethane
Concen: 21.191 ug/l
RT: 3.049 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:101 Resp: 10835

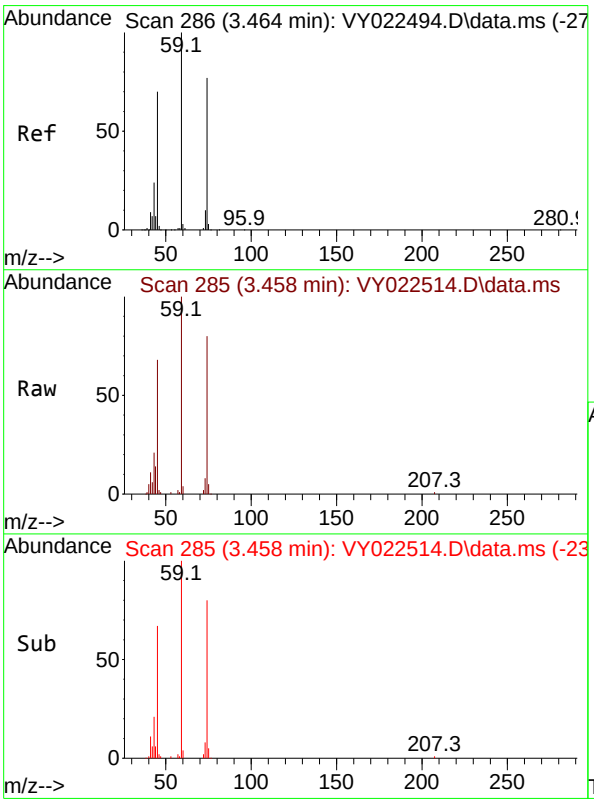
Ion	Ratio	Lower	Upper
101	100		
103	66.9	52.2	78.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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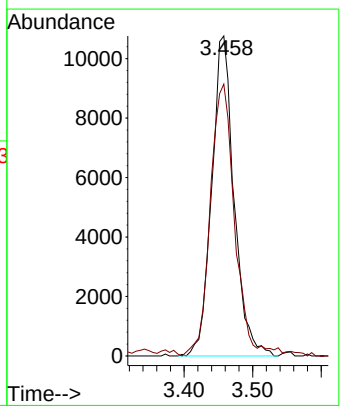
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

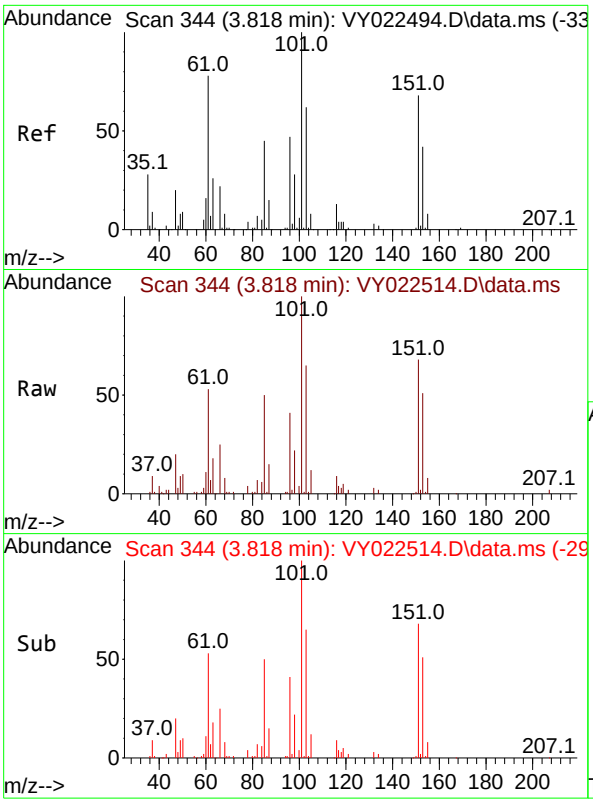


#8
Diethyl Ether
Concen: 21.088 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 74 Resp: 24283

Ion	Ratio	Lower	Upper
74	100		
45	93.5	45.9	137.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.203 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

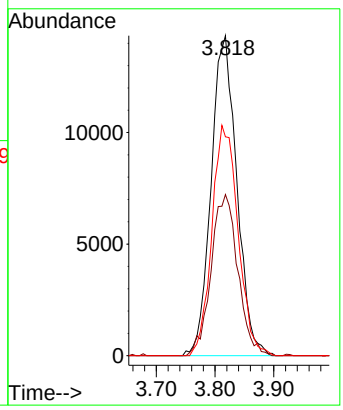
Tgt Ion:101 Resp: 4350

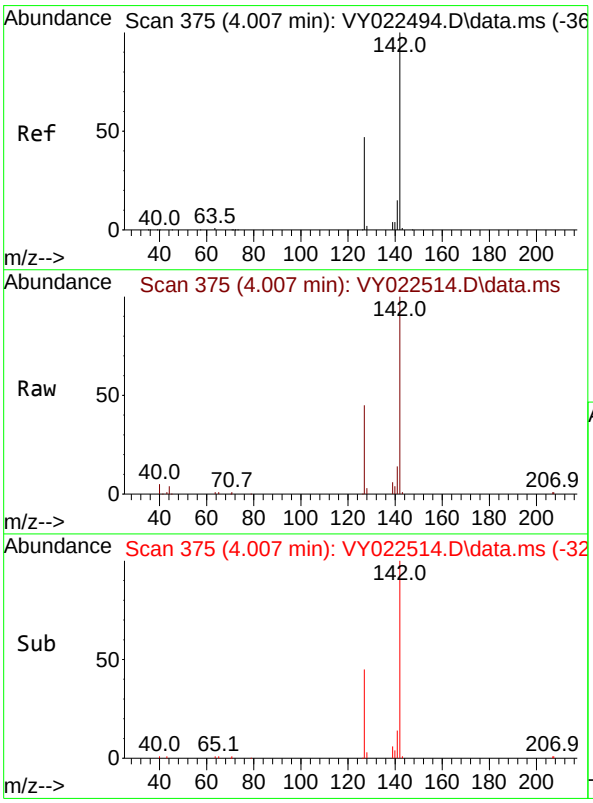
Ion	Ratio	Lower	Upper
101	100		
85	52.4	39.3	58.9
151	73.4	57.8	86.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

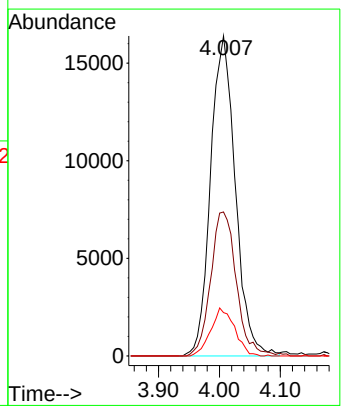


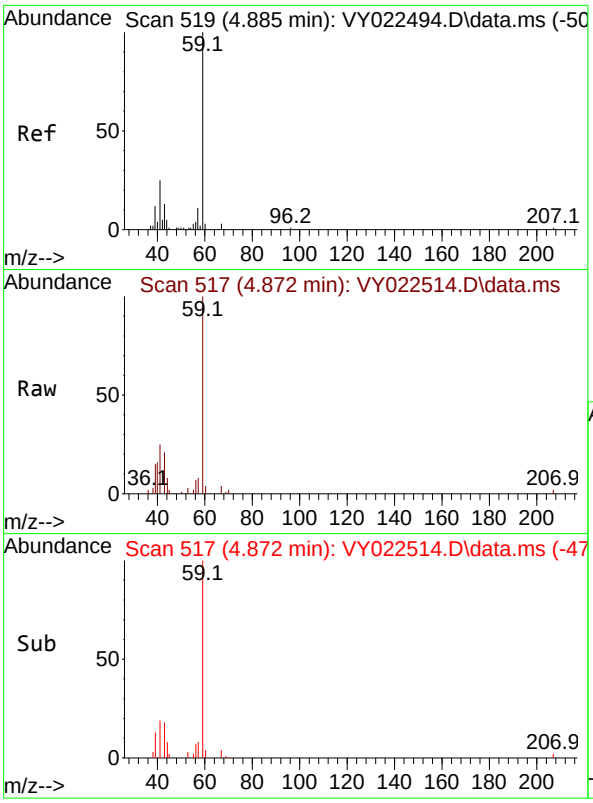


#10
Methyl Iodide
Concen: 19.853 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:142 Resp: 46266

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.1	55.7
141	14.5	11.4	17.2





#11
Tert butyl alcohol
Concen: 103.440 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

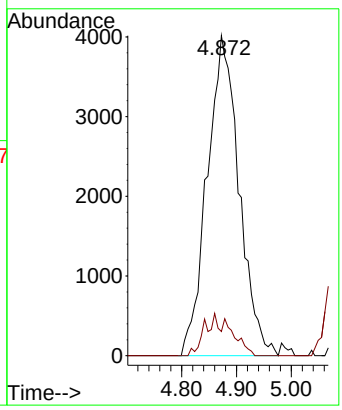
Tgt Ion: 59 Resp: 1622

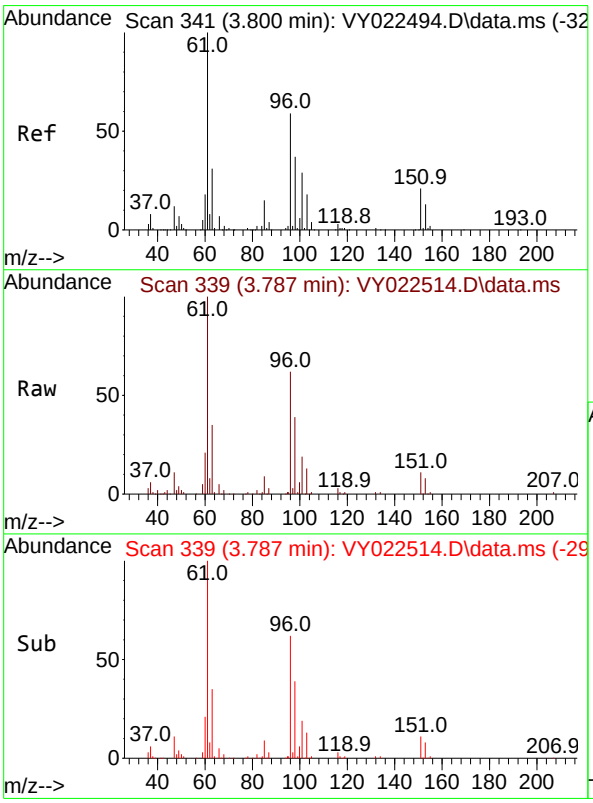
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

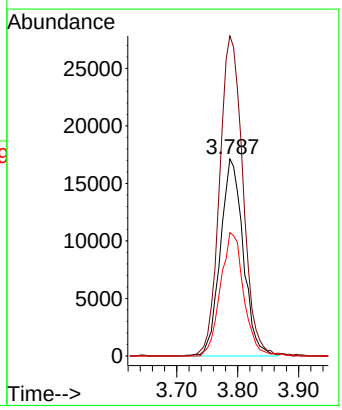


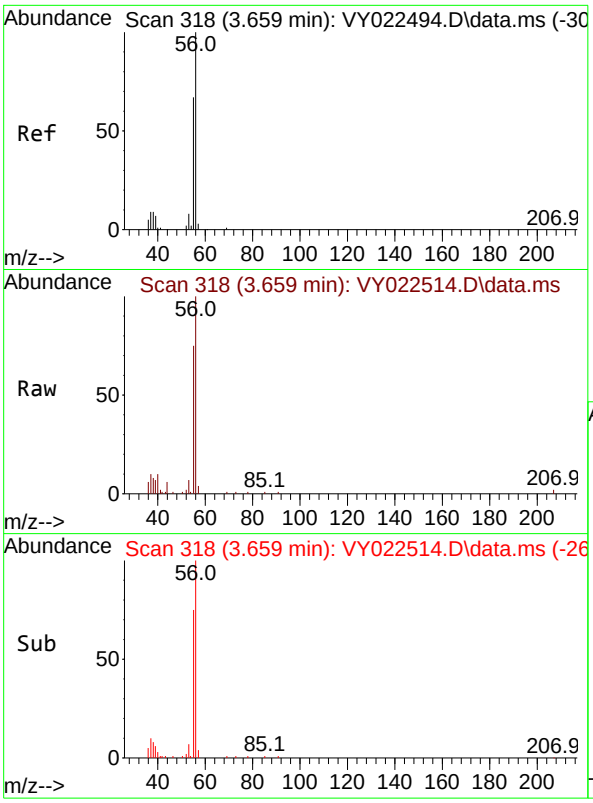


#12
1,1-Dichloroethene
Concen: 21.731 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 96 Resp: 44732

Ion	Ratio	Lower	Upper
96	100		
61	162.4	134.6	201.8
98	62.7	50.2	75.4

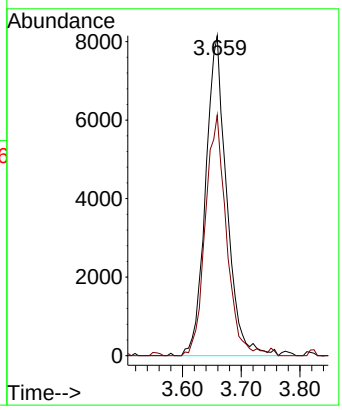




#13
Acrolein
Concen: 103.612 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 56 Resp: 2024

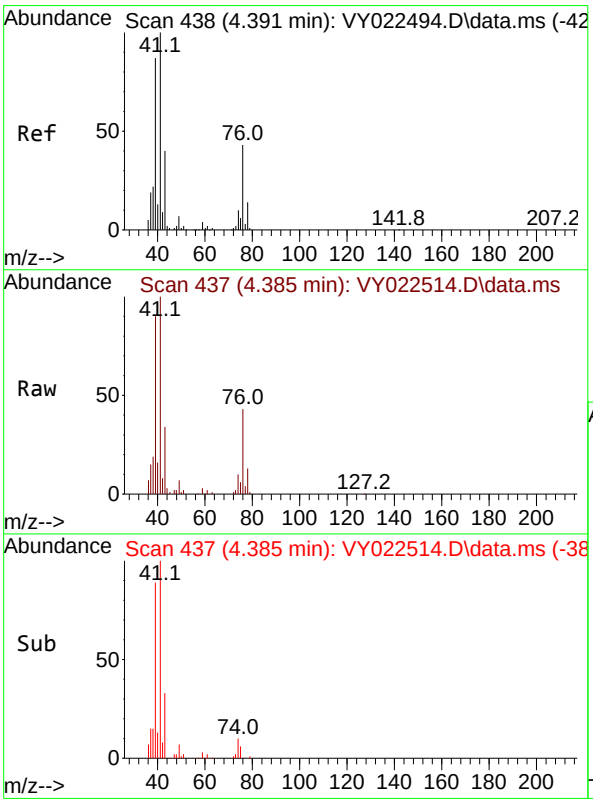
Ion	Ratio	Lower	Upper
56	100		
55	75.4	57.0	85.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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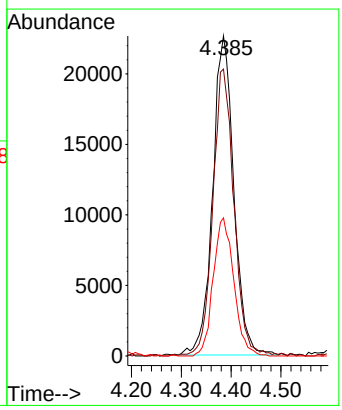
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

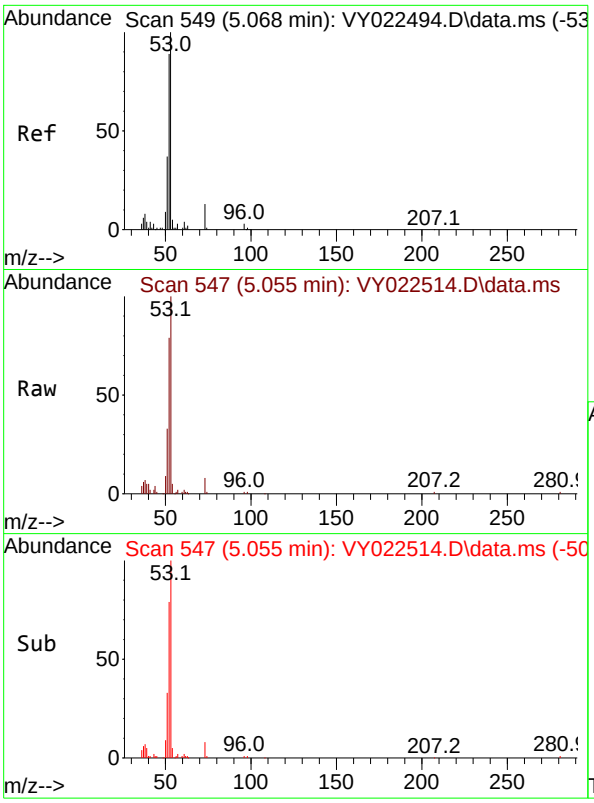


#14
Allyl chloride
Concen: 20.650 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 66730

Ion	Ratio	Lower	Upper
41	100		
39	89.3	69.1	103.7
76	42.2	33.5	50.3

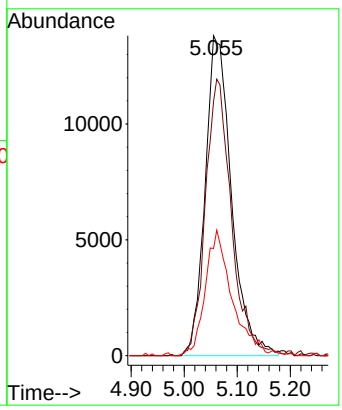




#15
Acrylonitrile
Concen: 97.686 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 53 Resp: 4763

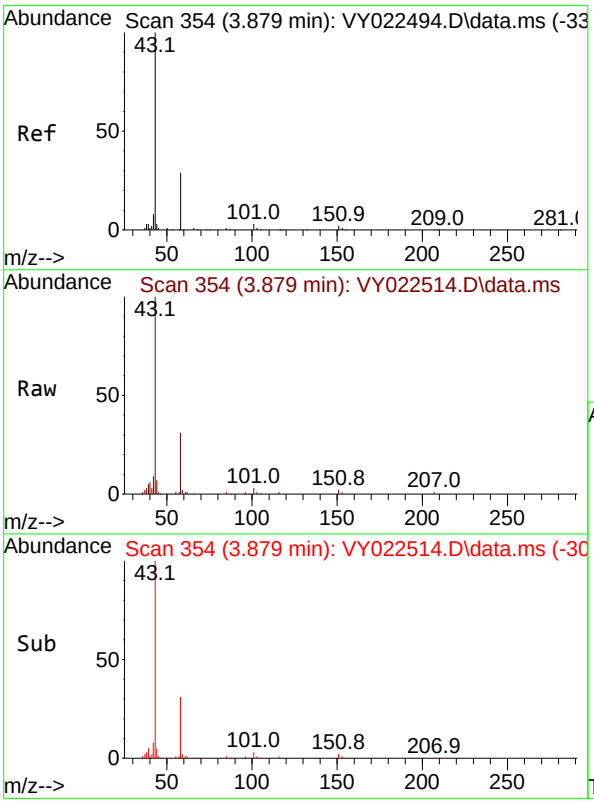
Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.7	98.5
51	39.7	30.1	45.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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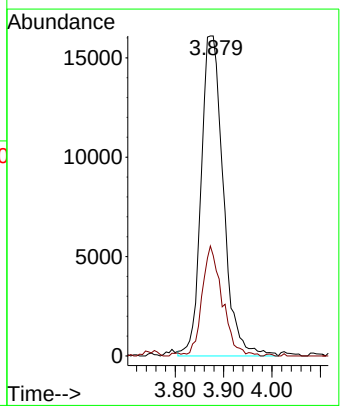
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

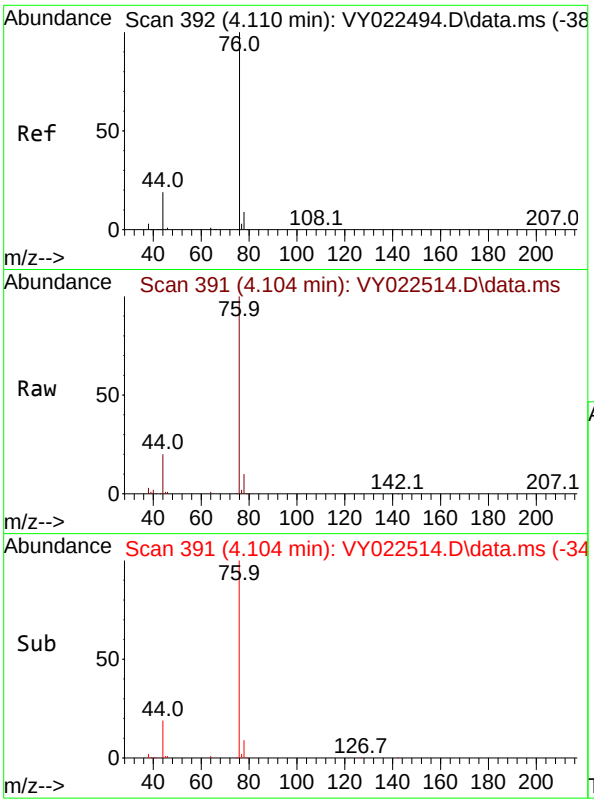


#16
Acetone
Concen: 115.345 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 51428

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.0	36.0





#17
Carbon Disulfide
Concen: 21.348 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

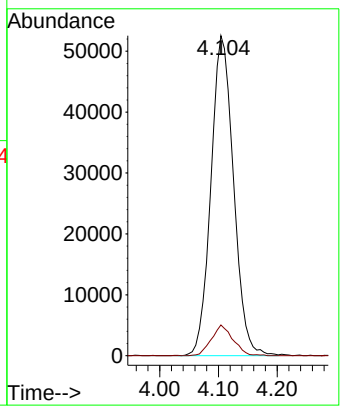
Tgt Ion: 76 Resp: 14069

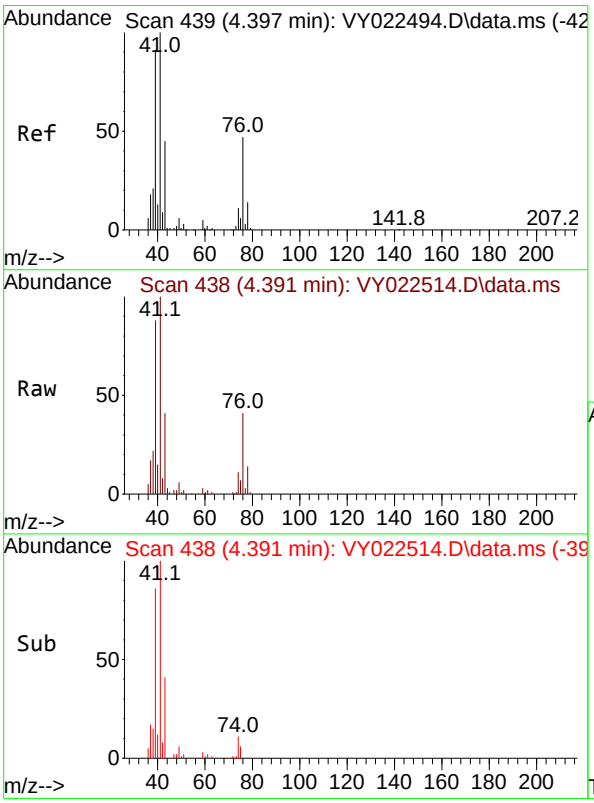
Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

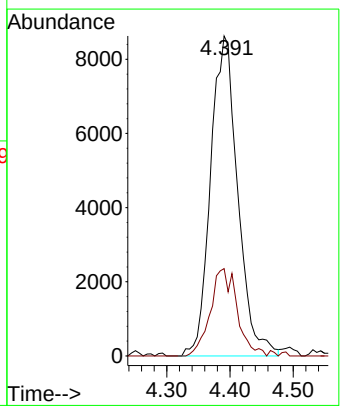


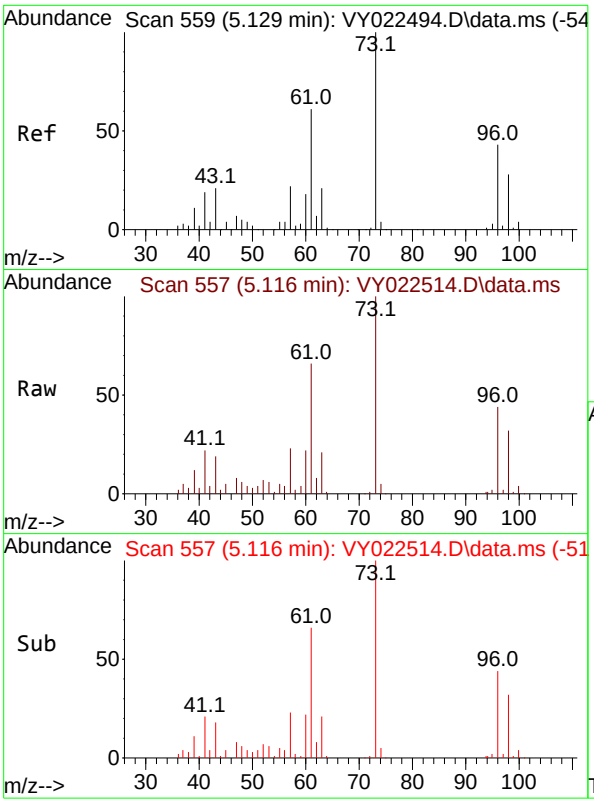


#18
Methyl Acetate
Concen: 19.498 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 25743

Ion	Ratio	Lower	Upper
43	100		
74	26.8	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 20.454 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

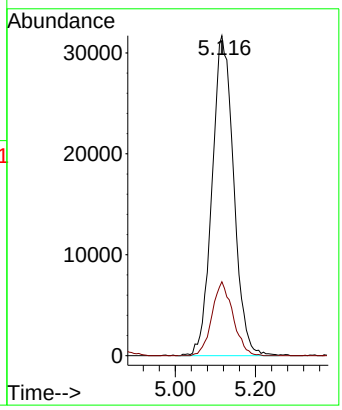
Tgt Ion: 73 Resp: 11858

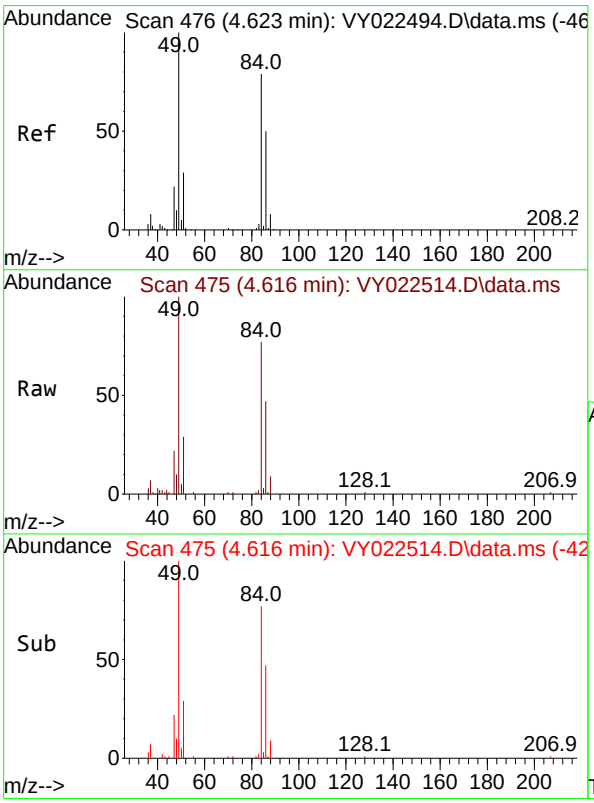
Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.4	26.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

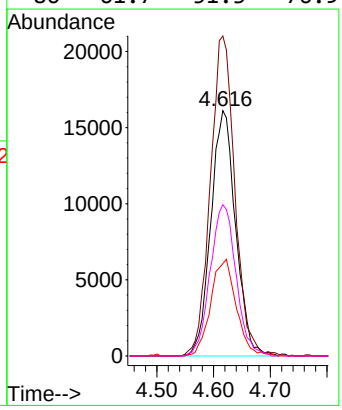


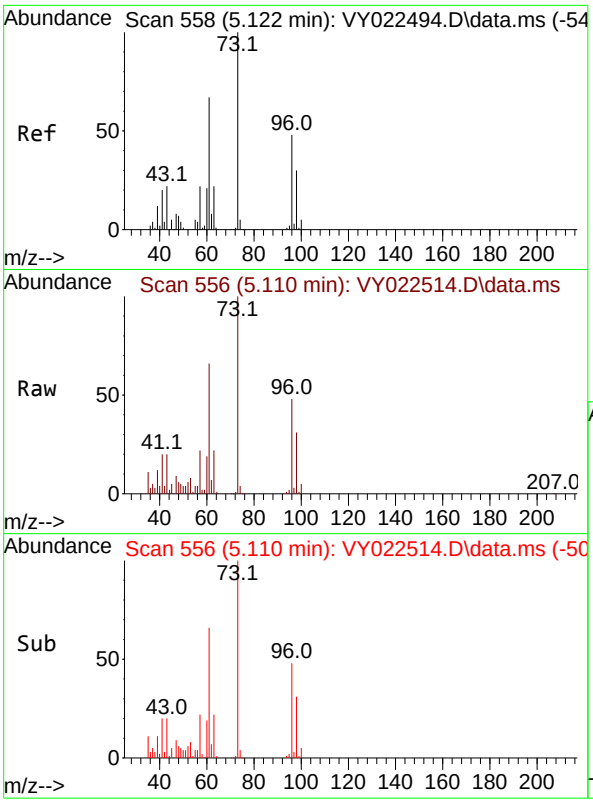


#20
Methylene Chloride
Concen: 19.308 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 84 Resp: 48900

Ion	Ratio	Lower	Upper
84	100		
49	130.5	101.9	152.9
51	37.6	29.8	44.8
86	61.7	51.3	76.9

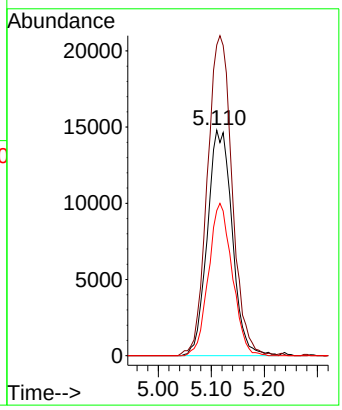




#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 96 Resp: 4814

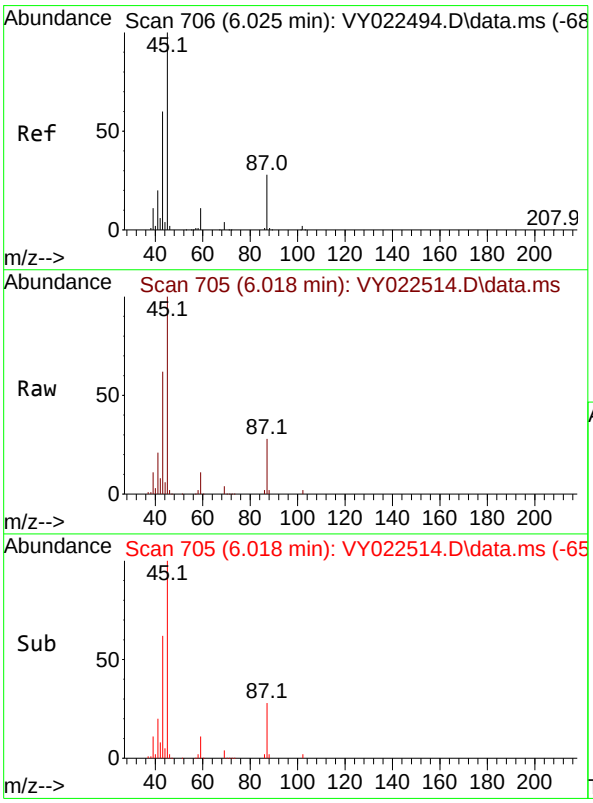
Ion	Ratio	Lower	Upper
96	100		
61	137.9	112.6	169.0
98	64.4	50.6	75.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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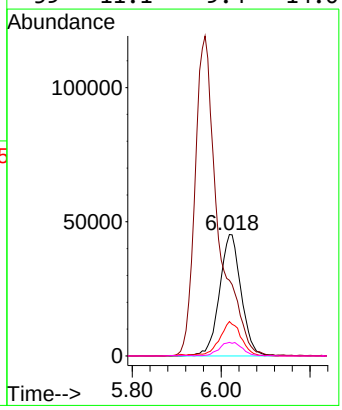
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

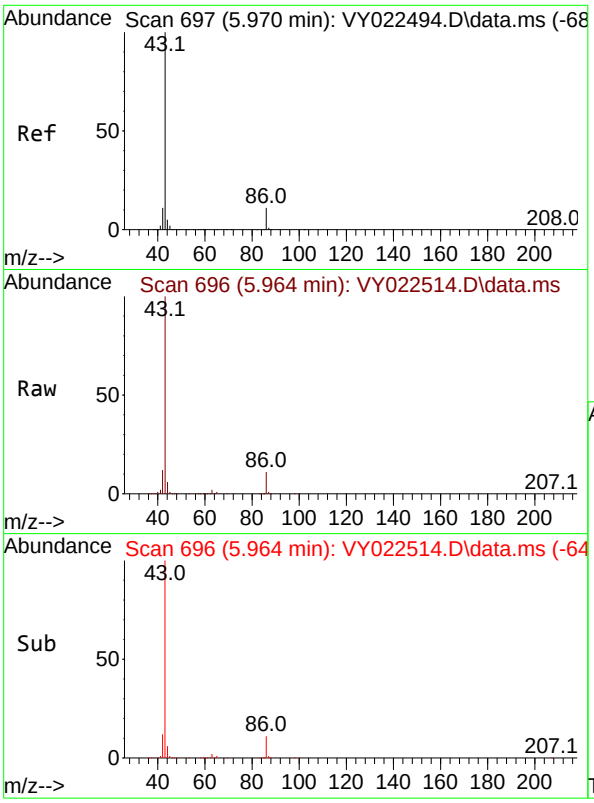


#22
Diisopropyl ether
Concen: 21.175 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 45 Resp: 152316

Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.3	72.5
87	28.3	23.0	34.6
59	11.1	9.4	14.0

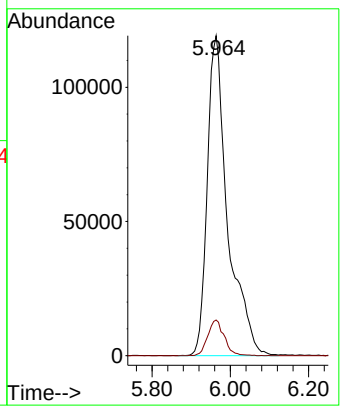




#23
Vinyl Acetate
Concen: 101.150 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 43063

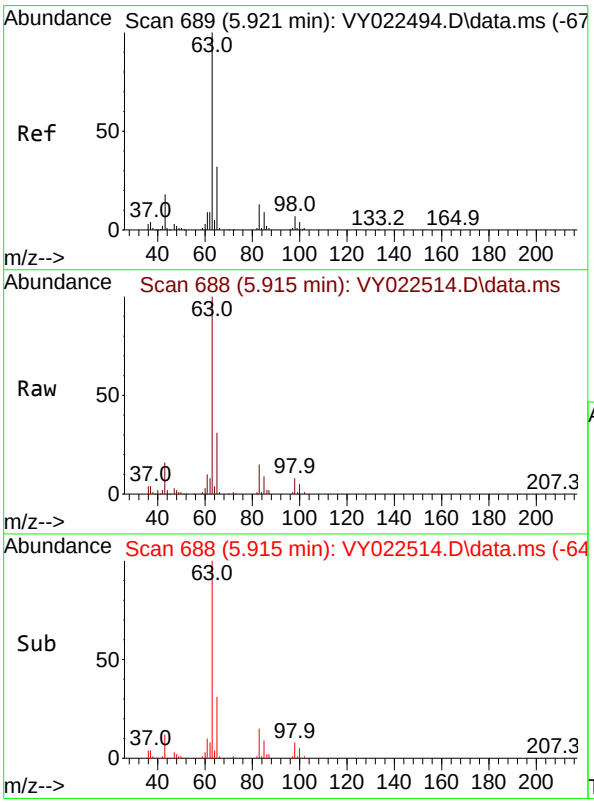
Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.6	12.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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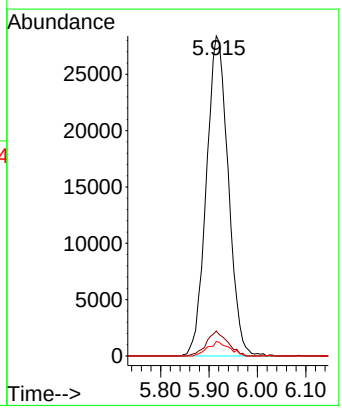
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

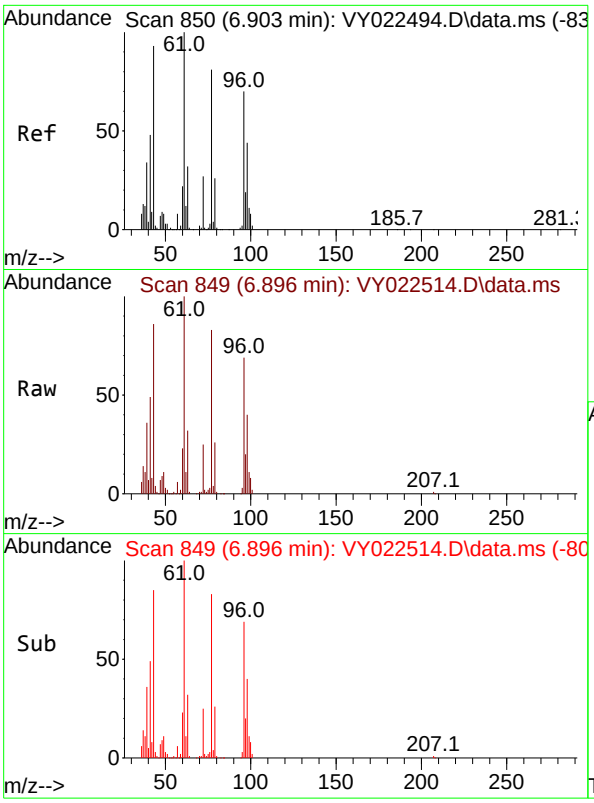


#24
1,1-Dichloroethane
Concen: 21.074 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 89303

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.4	10.1
100	4.6	2.1	6.3





#25
2-Butanone
Concen: 107.575 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

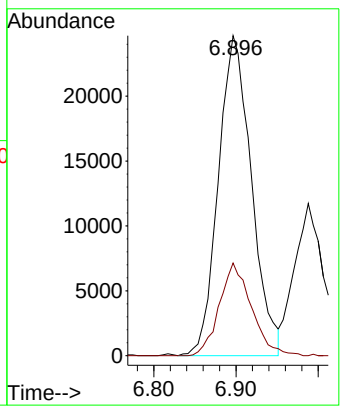
Tgt Ion: 43 Resp: 6918

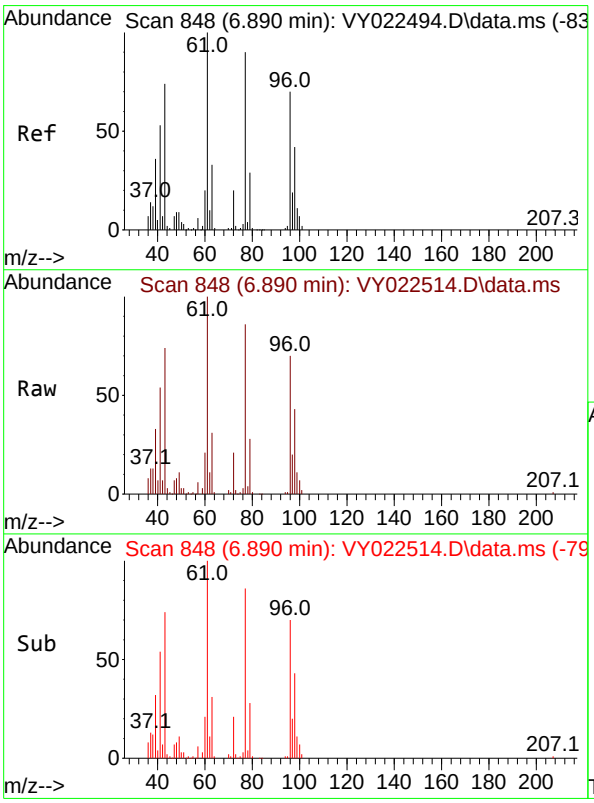
Ion	Ratio	Lower	Upper
43	100		
72	28.9	22.9	34.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

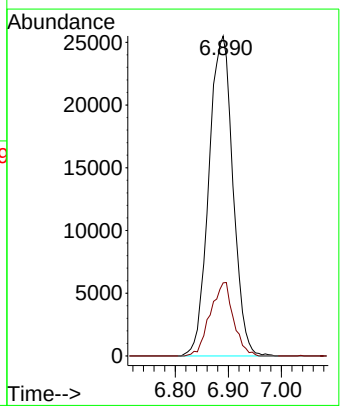


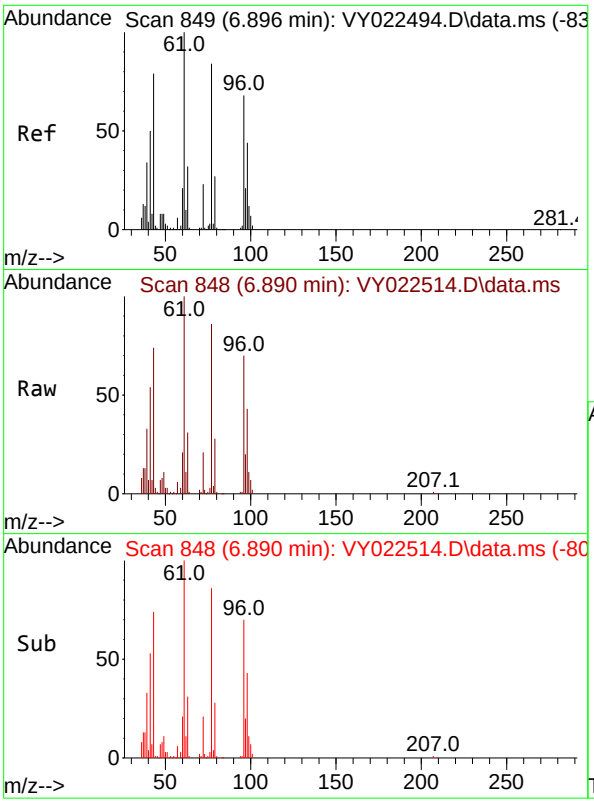


#26
2,2-Dichloropropane
Concen: 21.464 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 77 Resp: 80364

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2

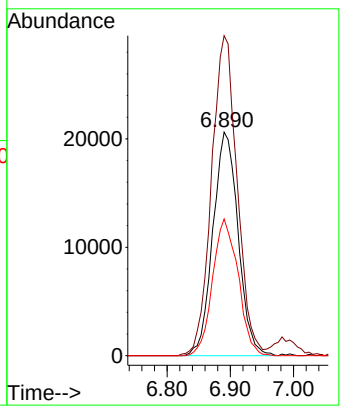




#27
cis-1,2-Dichloroethene
Concen: 21.440 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 96 Resp: 5709

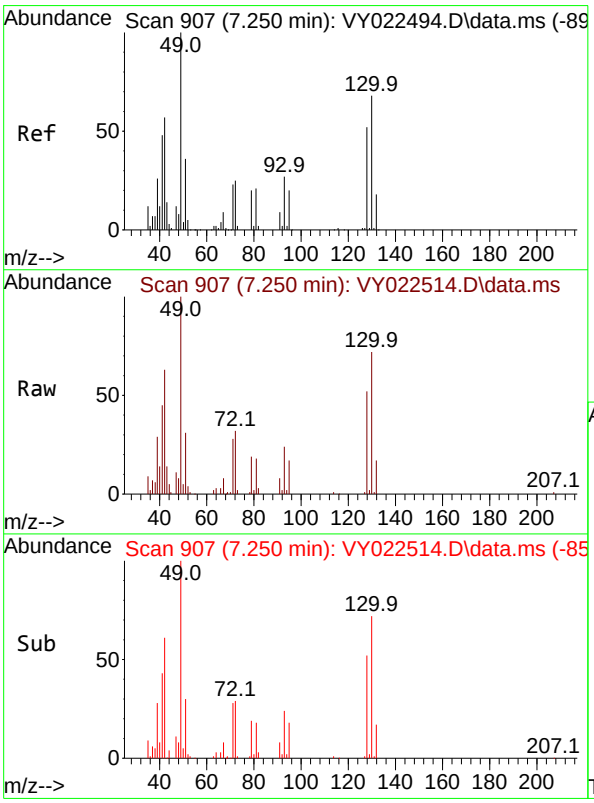
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	290.0
98	61.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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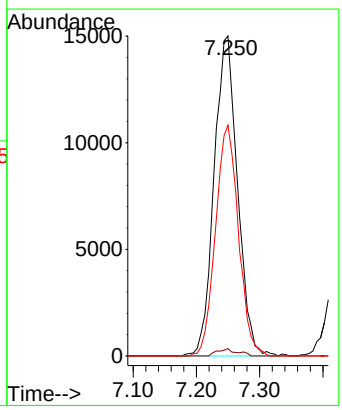
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

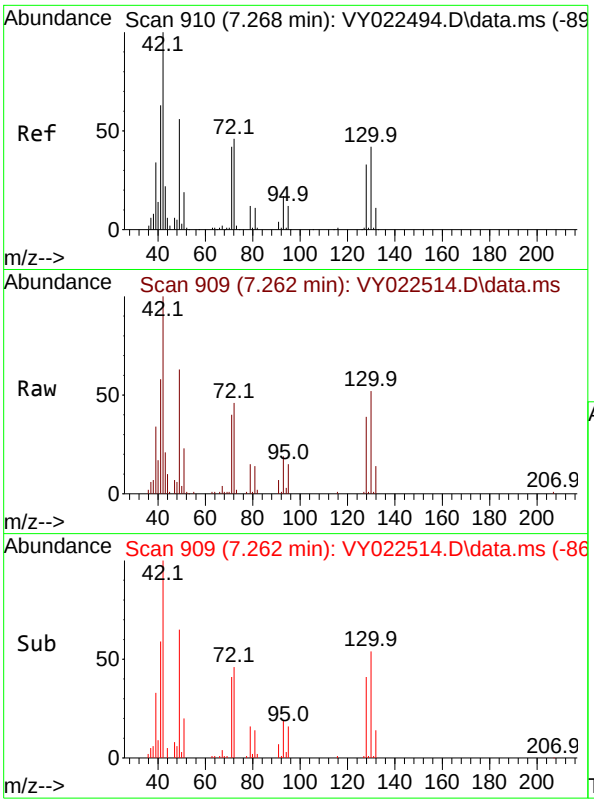


#28
Bromochloromethane
Concen: 20.841 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 49 Resp: 38497

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	70.6	55.7	83.5

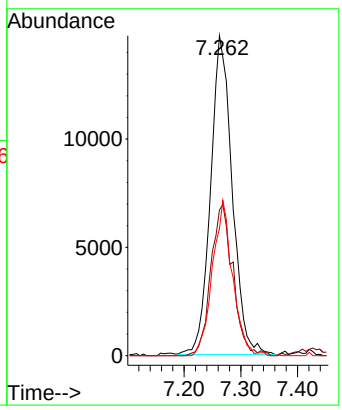




#29
Tetrahydrofuran
Concen: 94.187 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 42 Resp: 3906

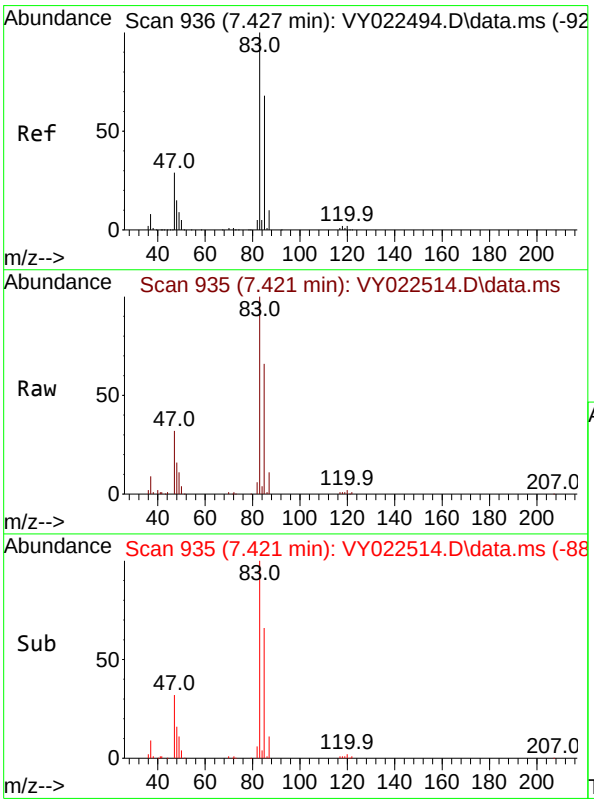
Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	45.3	34.2	51.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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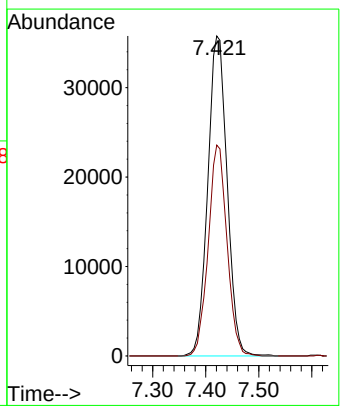
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

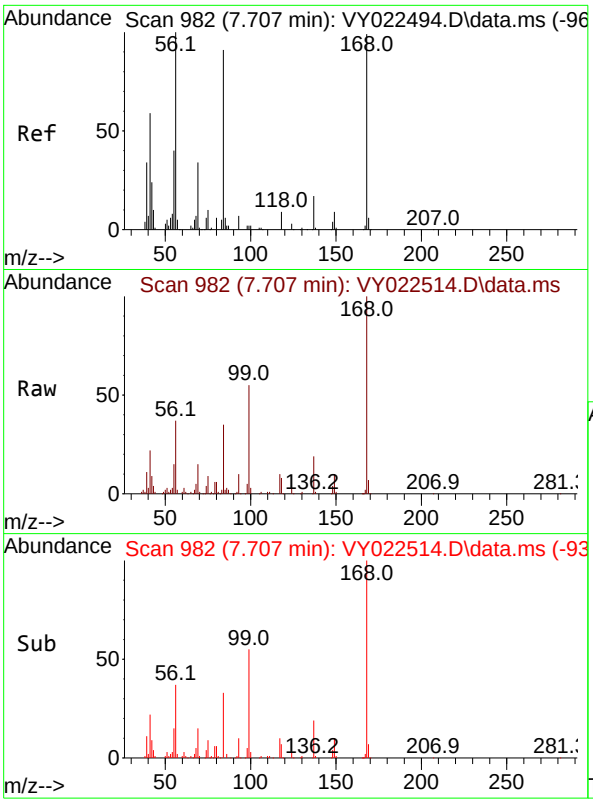


#30
Chloroform
Concen: 21.576 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 83 Resp: 90558

Ion	Ratio	Lower	Upper
83	100		
85	65.9	54.2	81.4

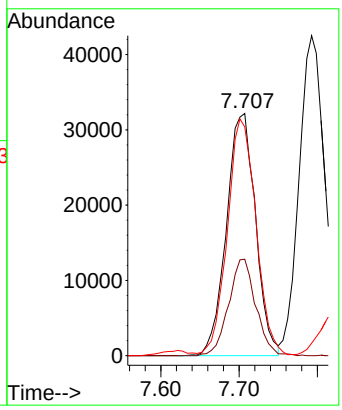




#31
Cyclohexane
Concen: 19.710 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 56 Resp: 8314

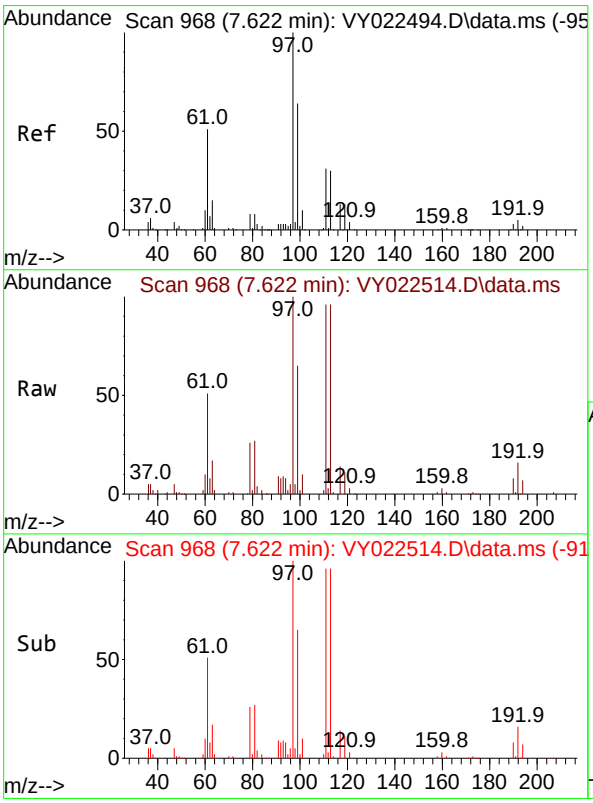
Ion	Ratio	Lower	Upper
56	100		
69	39.9	27.0	40.6
84	92.2	72.6	109.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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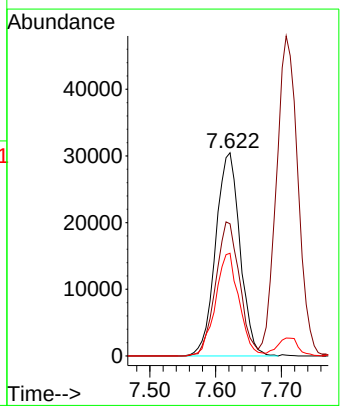
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

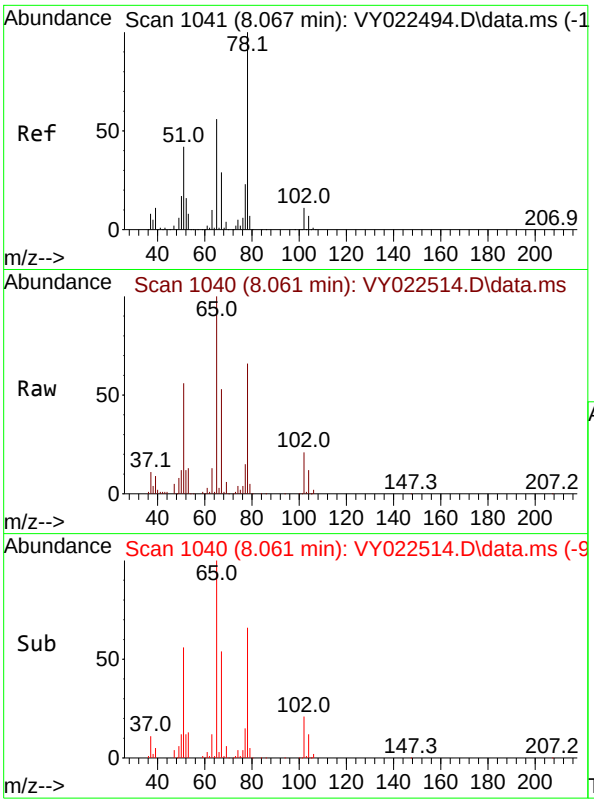


#32
1,1,1-Trichloroethane
Concen: 21.159 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 97 Resp: 78839

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	49.1	38.5	57.7

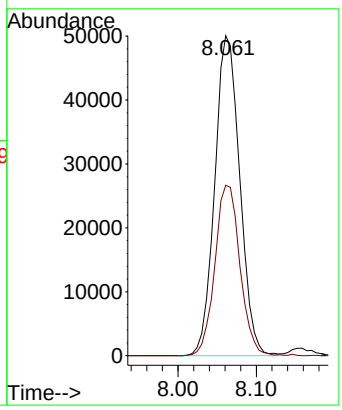




#33
1,2-Dichloroethane-d4
Concen: 50.655 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 65 Resp: 11121

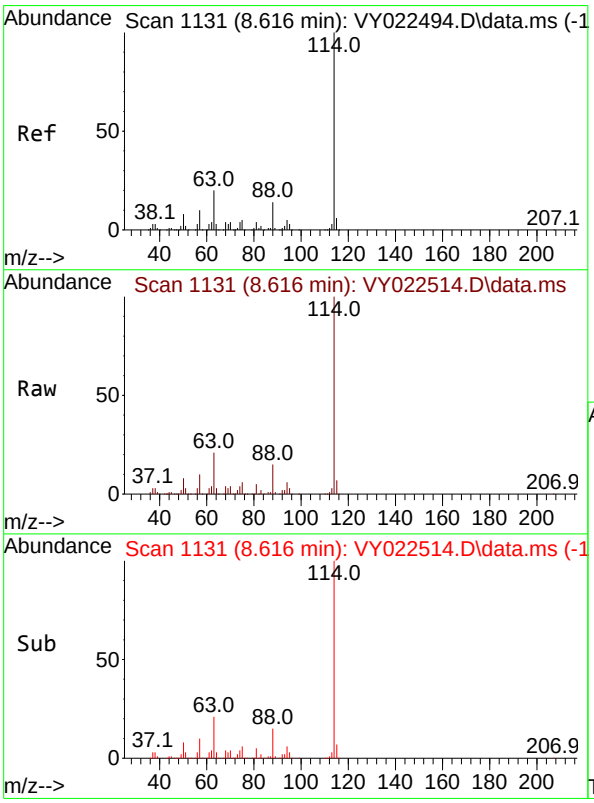
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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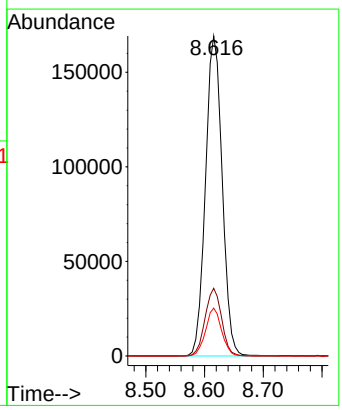
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

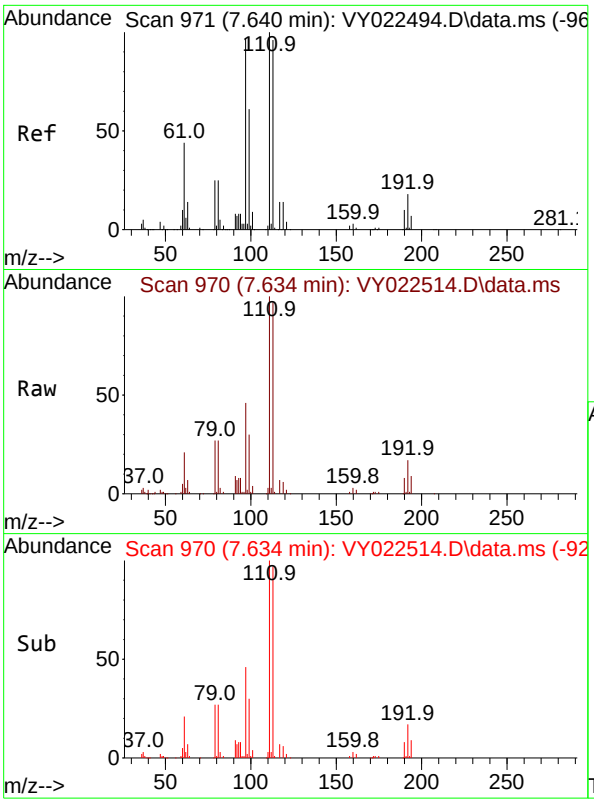


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:114 Resp: 333757

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	14.9	0.0	27.8

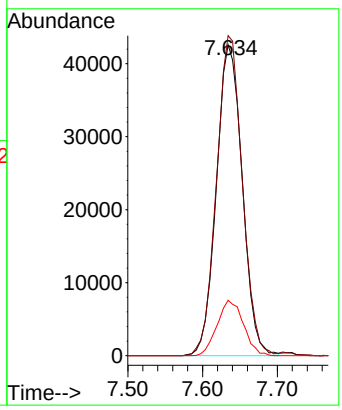




#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:113 Resp: 10254

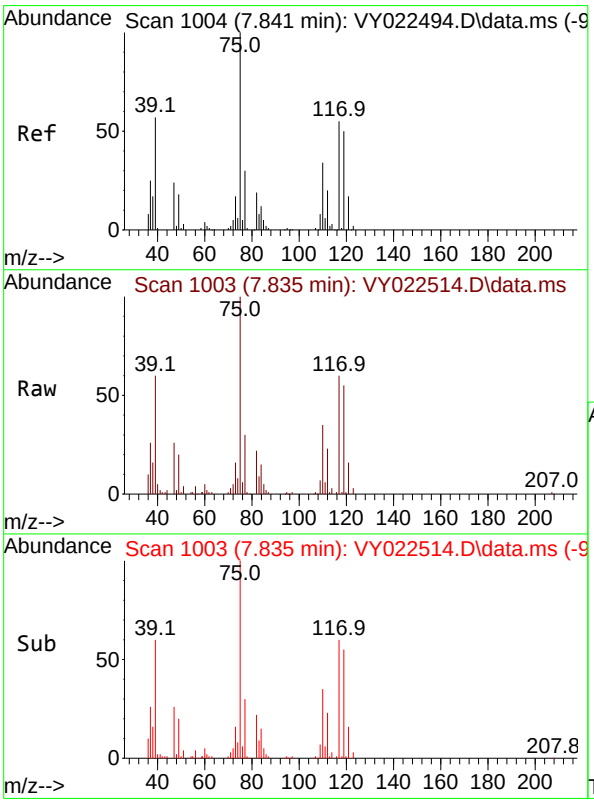
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.1	14.2	21.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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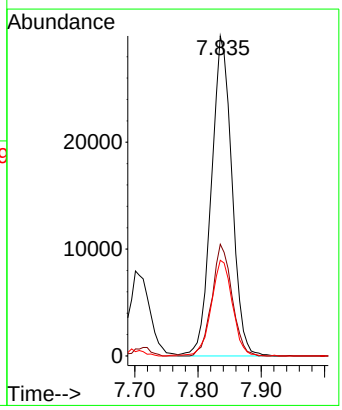
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

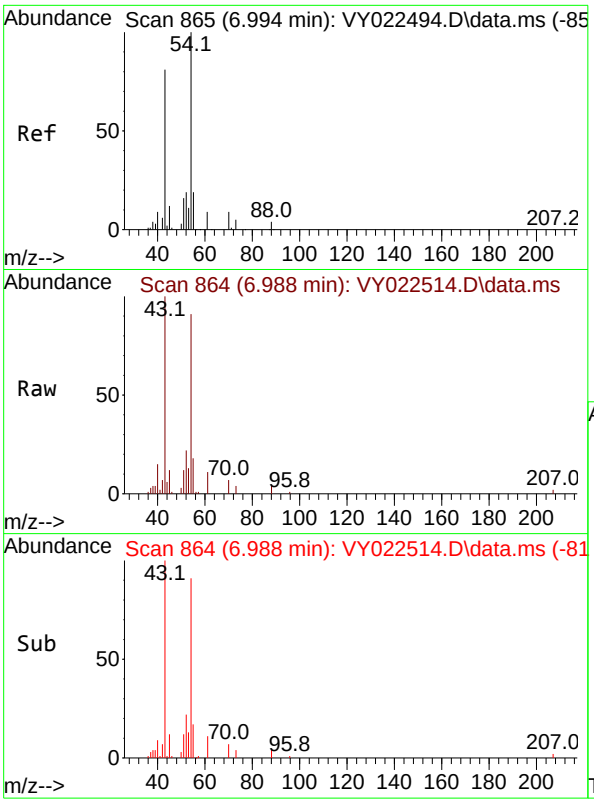


#36
1,1-Dichloropropene
Concen: 20.845 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 67396

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.9	24.8	37.2





#37
Ethyl Acetate
Concen: 20.551 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

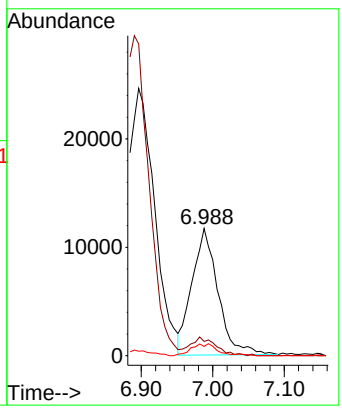
Tgt Ion: 43 Resp: 2963

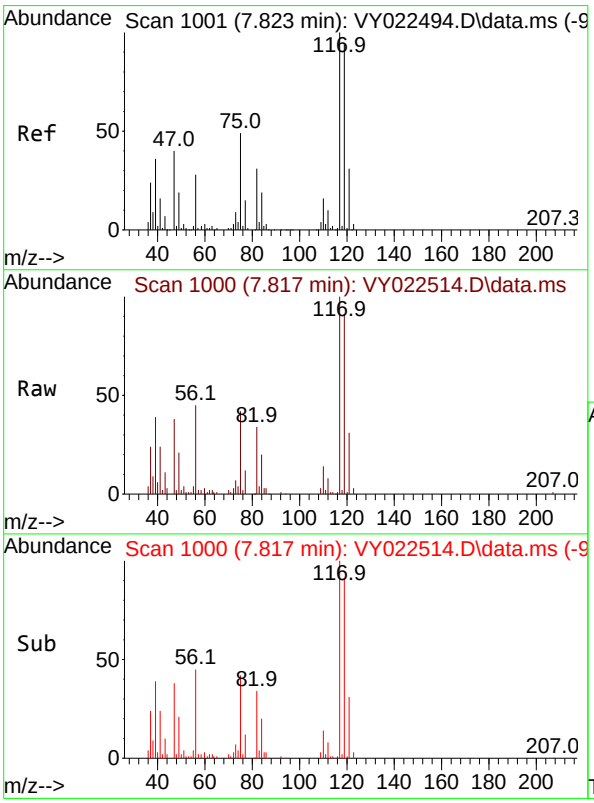
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.0	7.2	10.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

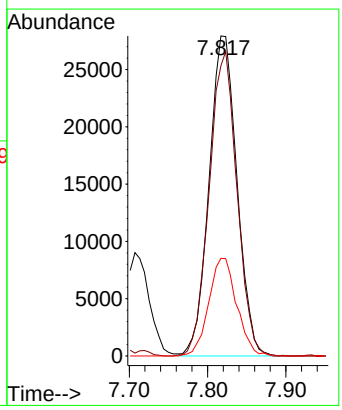


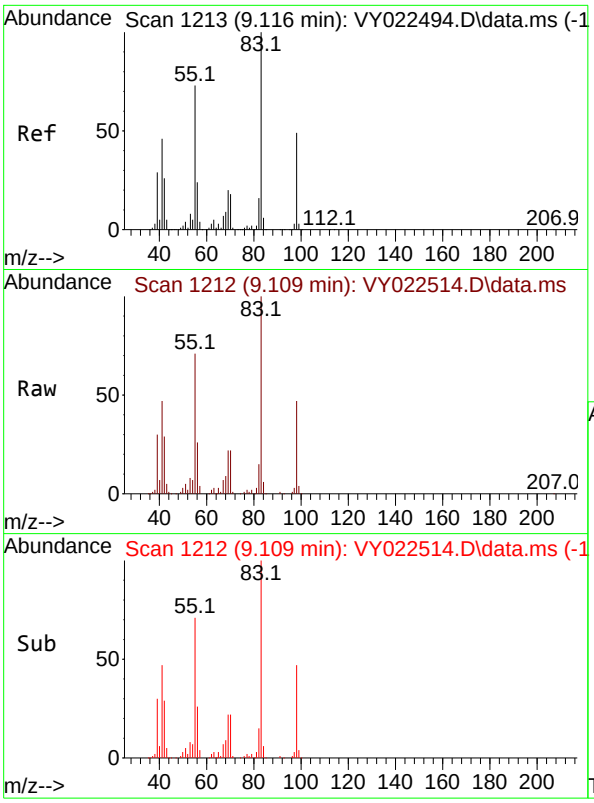


#38
Carbon Tetrachloride
Concen: 20.862 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:117 Resp: 69195

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.0	112.6
121	30.5	25.0	37.4





#39
Methylcyclohexane
Concen: 20.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

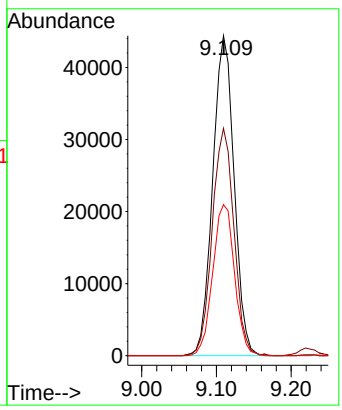
Tgt Ion: 83 Resp: 8830

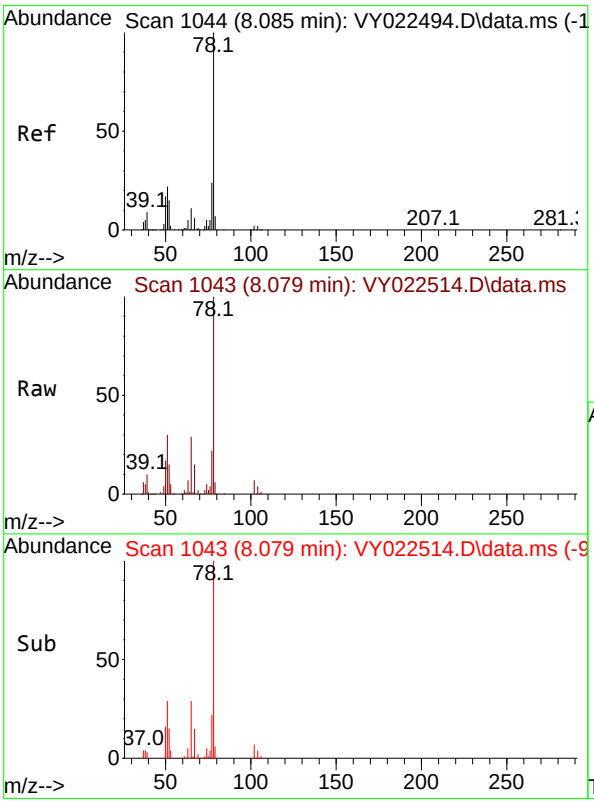
Ion	Ratio	Lower	Upper
83	100		
55	71.1	58.1	87.1
98	47.2	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

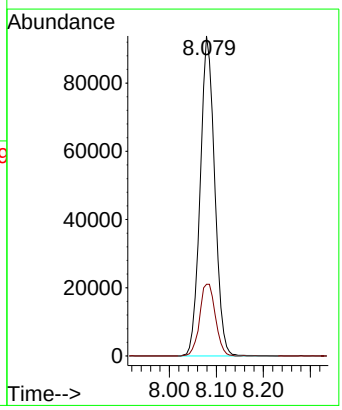


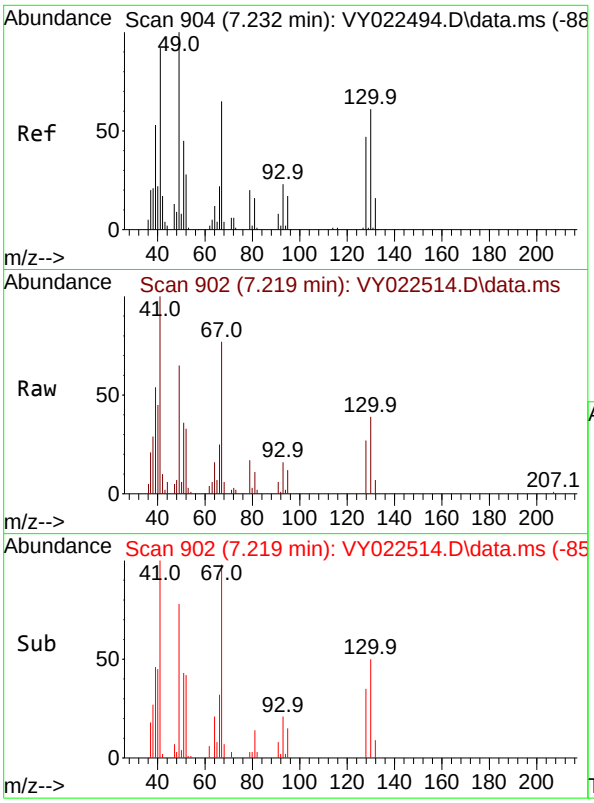


#40
Benzene
Concen: 21.041 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 78 Resp: 200930

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.3	28.9

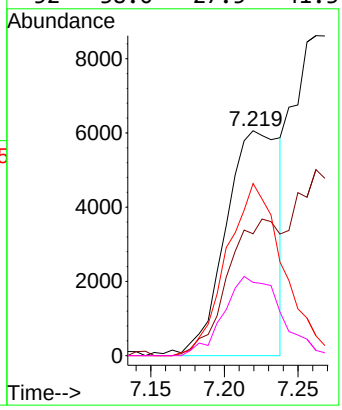




#41
Methacrylonitrile
Concen: 18.228 ug/l m
RT: 7.219 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 1535

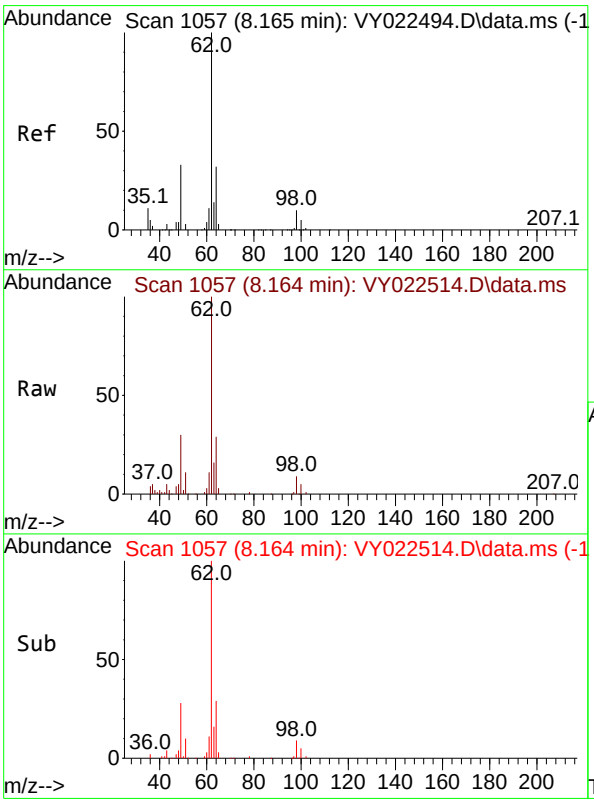
Ion	Ratio	Lower	Upper
41	100		
39	58.4	46.6	69.8
67	81.2	63.3	94.9
52	38.0	27.5	41.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

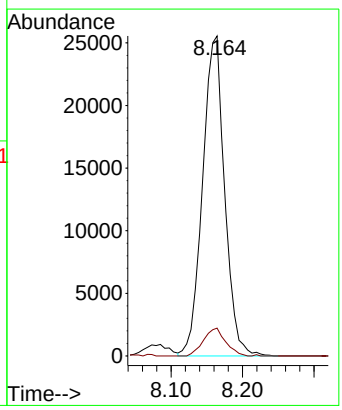
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

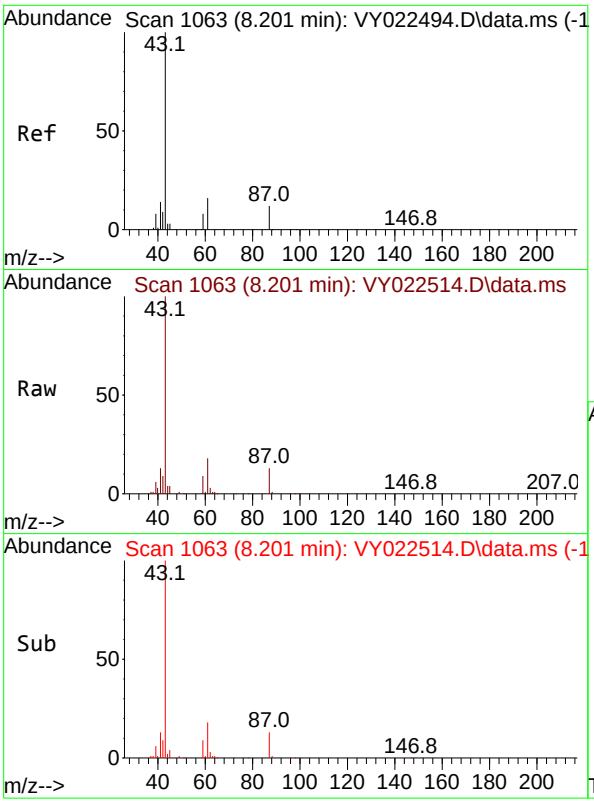


#42
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 62 Resp: 54776

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2

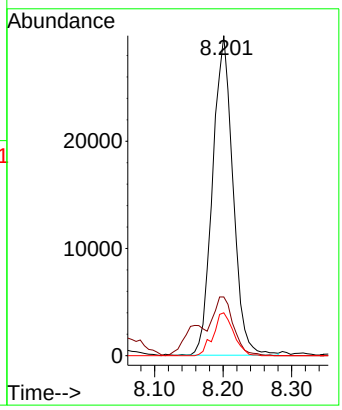




#43
Isopropyl Acetate
Concen: 19.728 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 6143

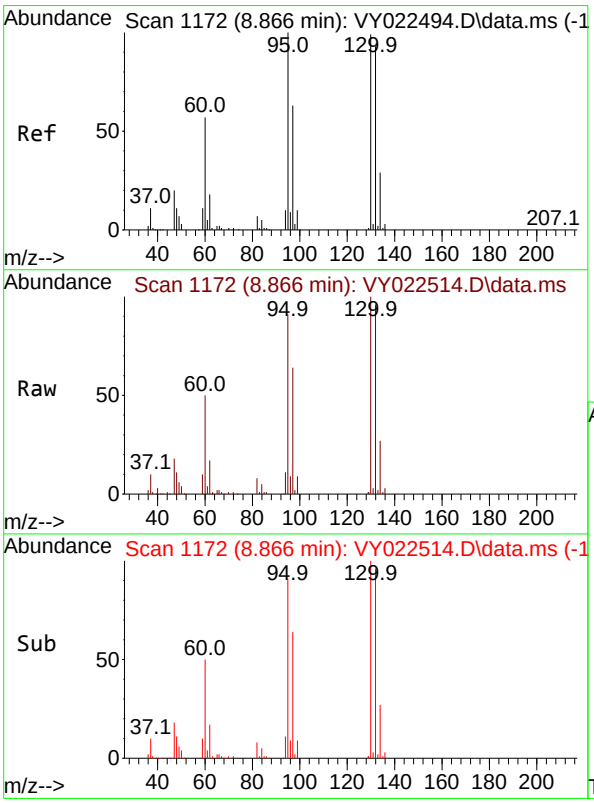
Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.6	23.4
87	13.4	10.2	15.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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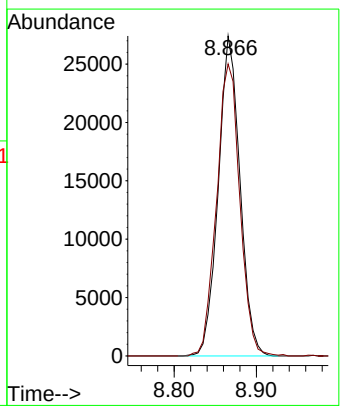
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

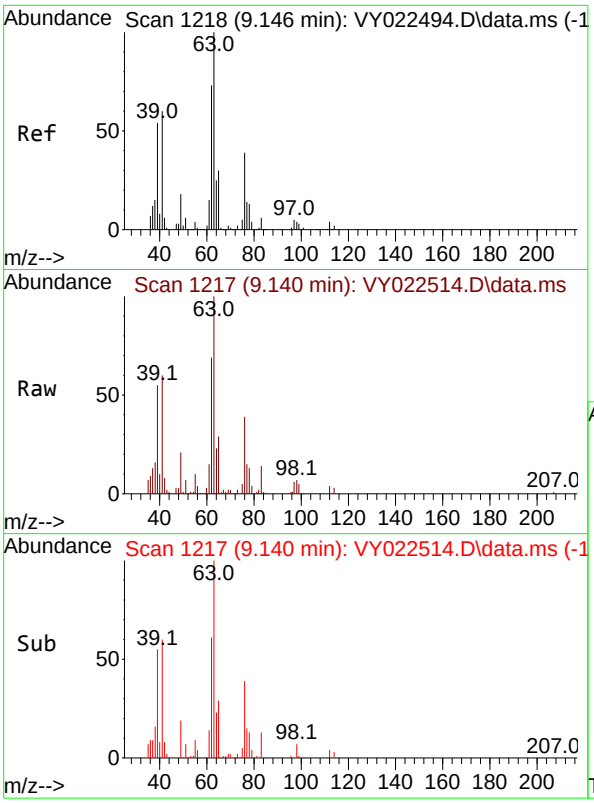


#44
Trichloroethene
Concen: 21.548 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:130 Resp: 50293

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	203.0

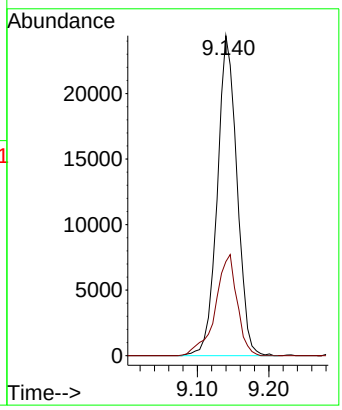




#45
1,2-Dichloropropane
Concen: 20.665 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 4663

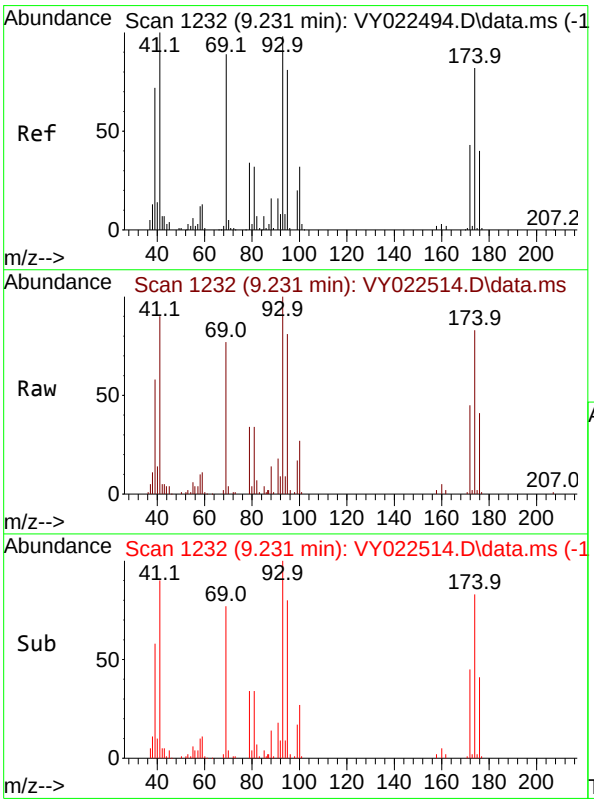
Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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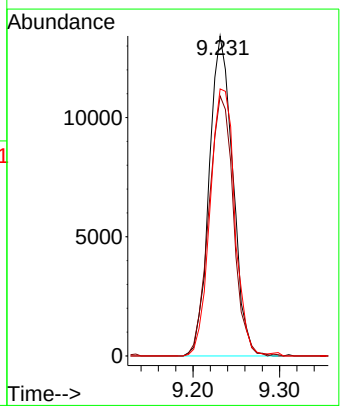
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

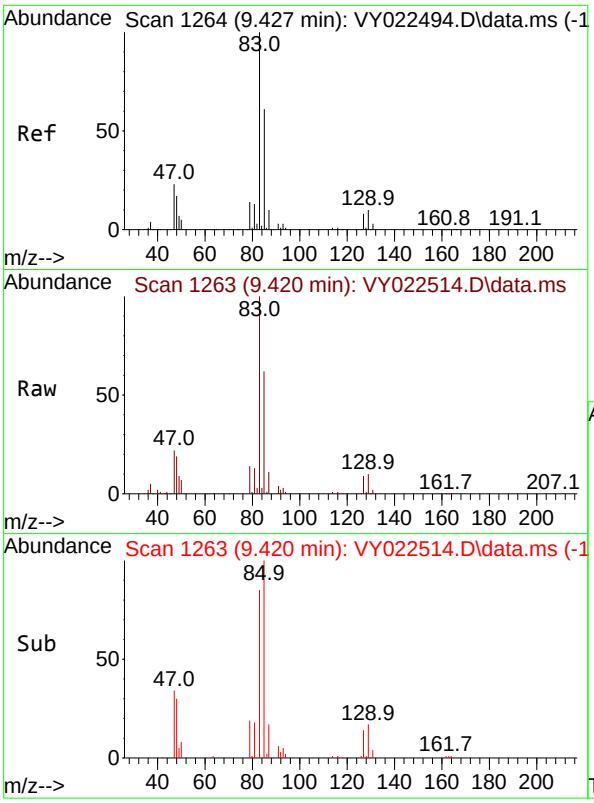


#46
Dibromomethane
Concen: 20.051 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 93 Resp: 25459

Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.6	98.4
174	87.0	70.4	105.6

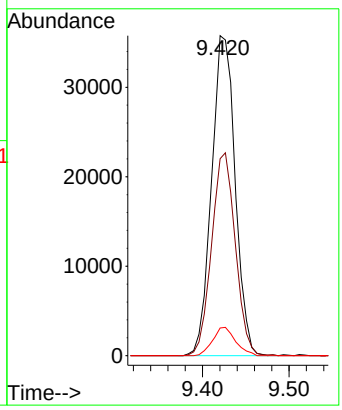




#47
Bromodichloromethane
Concen: 20.989 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 83 Resp: 6757

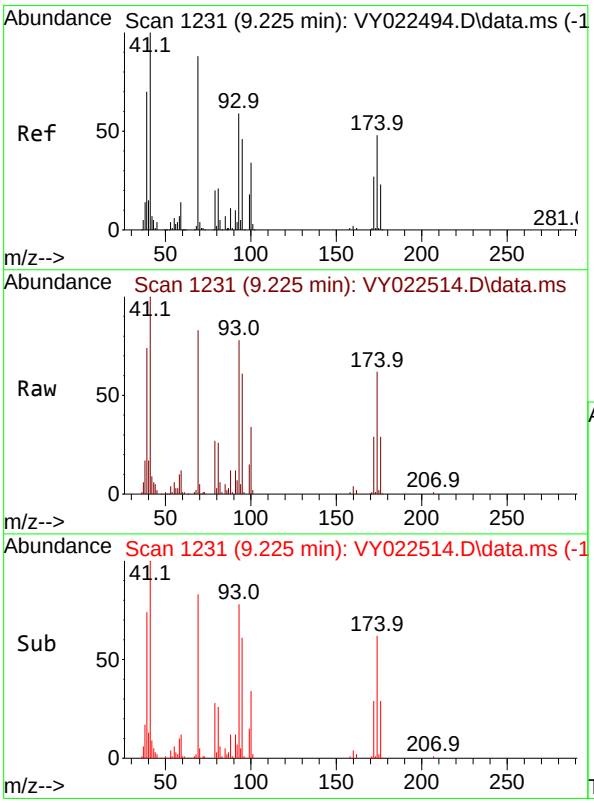
Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.1	73.7
127	8.7	6.2	9.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

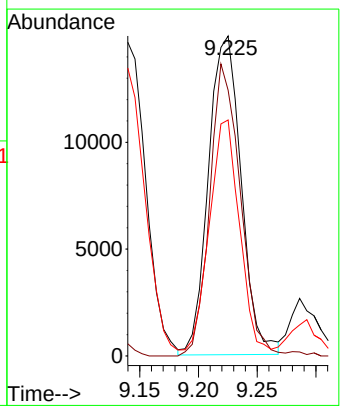
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

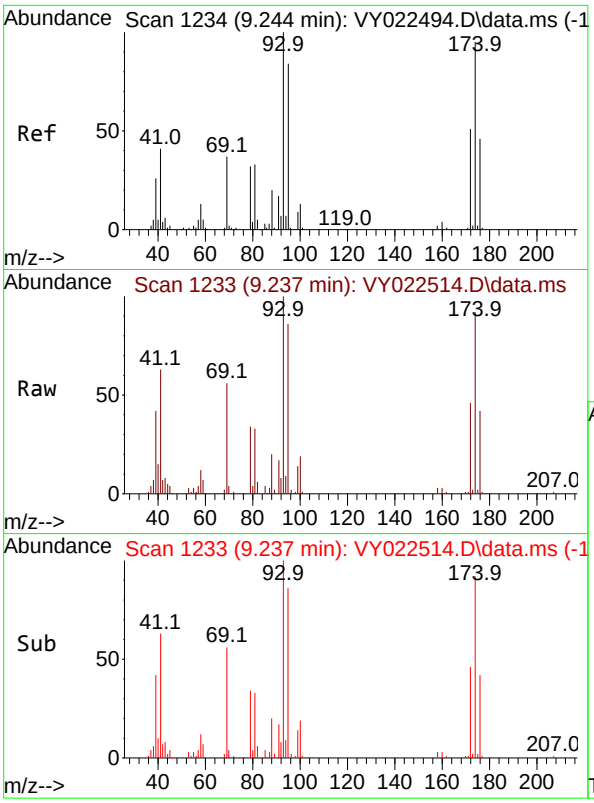


#48
Methyl methacrylate
Concen: 19.815 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 28959

Ion	Ratio	Lower	Upper
41	100		
69	85.3	67.8	101.8
39	65.7	55.0	82.4





#49
1,4-Dioxane
Concen: 380.729 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

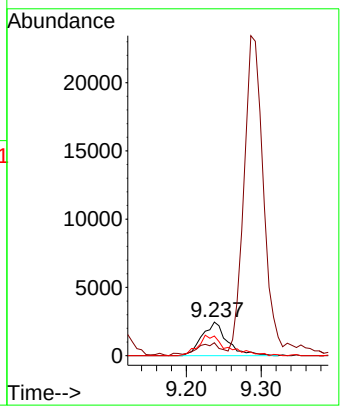
Tgt Ion: 88 Resp: 572

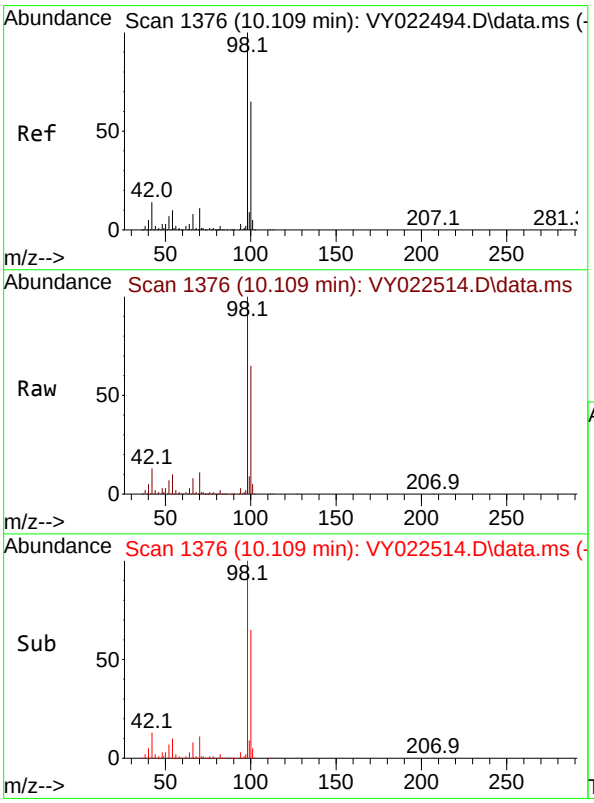
Ion	Ratio	Lower	Upper
88	100		
43	38.0	25.4	38.2
58	70.1	54.9	82.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

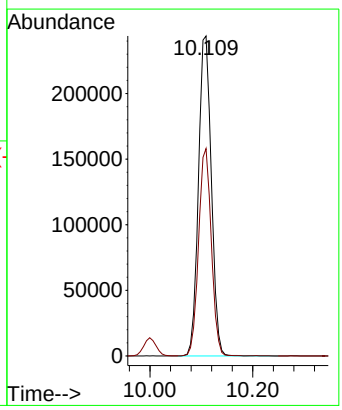


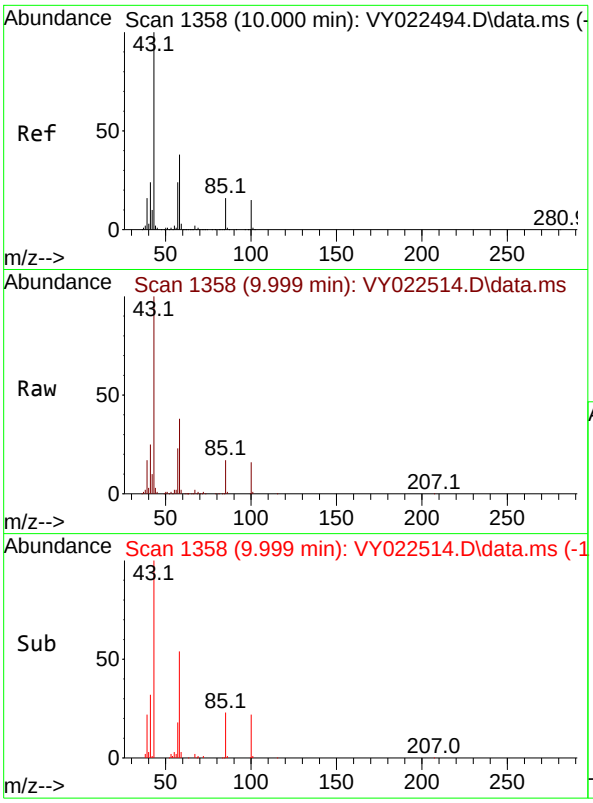


#50
Toluene-d8
Concen: 52.622 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 98 Resp: 423577

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0

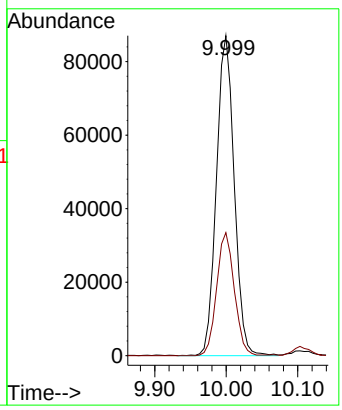




#51
4-Methyl-2-Pentanone
Concen: 96.879 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 15041

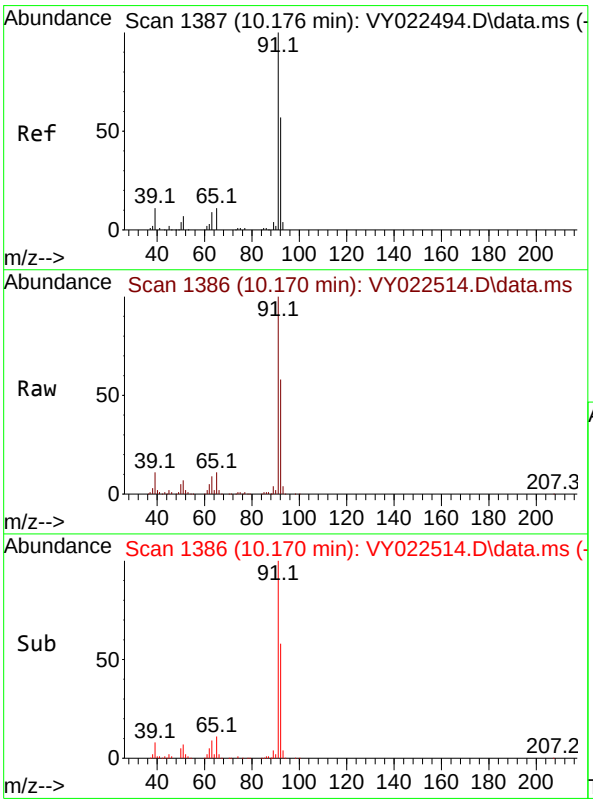
Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

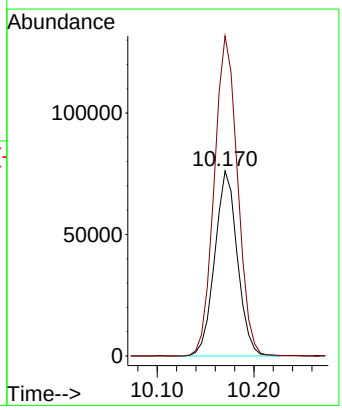
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

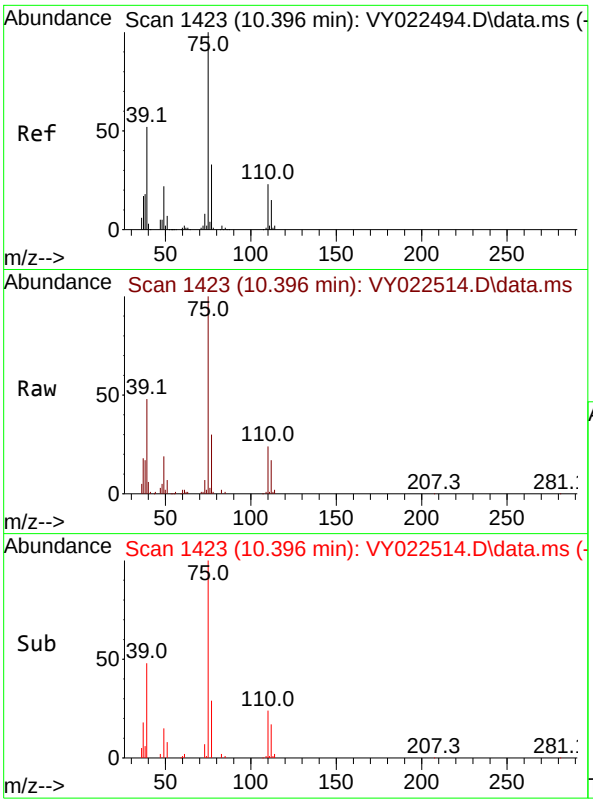


#52
Toluene
Concen: 20.539 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 92 Resp: 123263

Ion	Ratio	Lower	Upper
92	100		
91	178.8	139.0	208.4

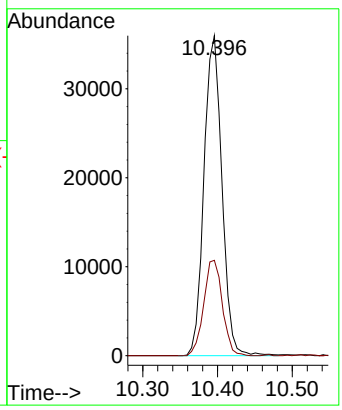




#53
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 6006

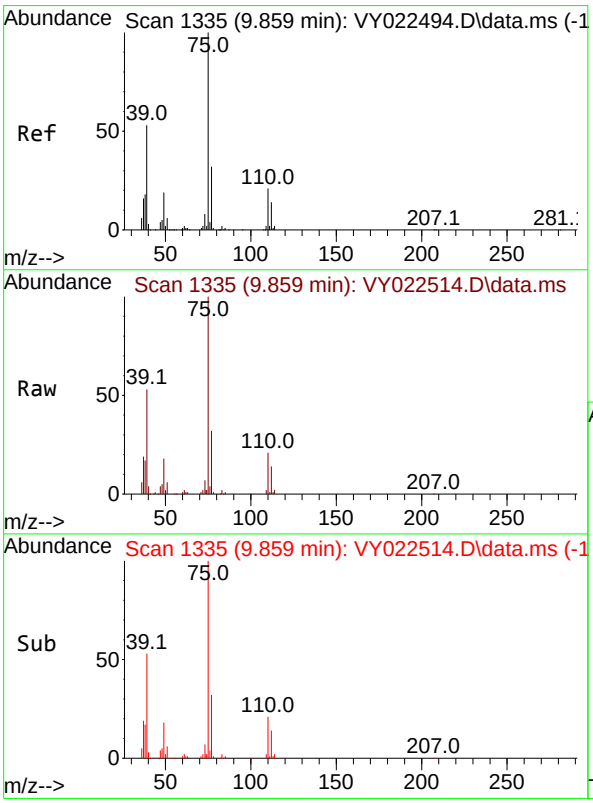
Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.5	39.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

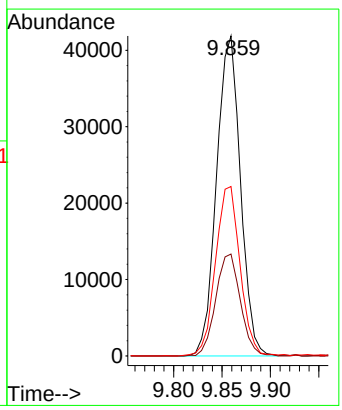
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

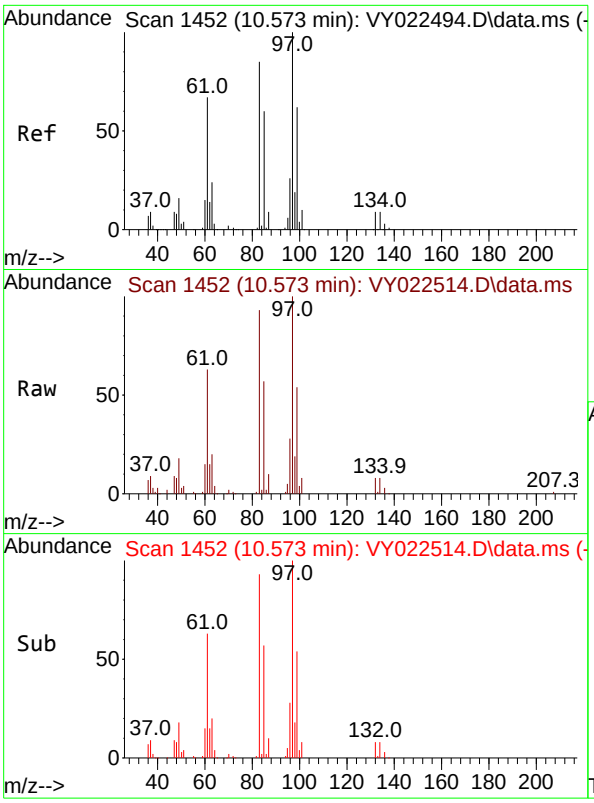


#54
cis-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 71904

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	53.0	42.7	64.1

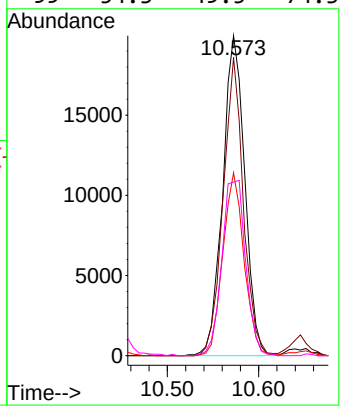




#55
1,1,2-Trichloroethane
Concen: 20.628 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 97 Resp: 3339

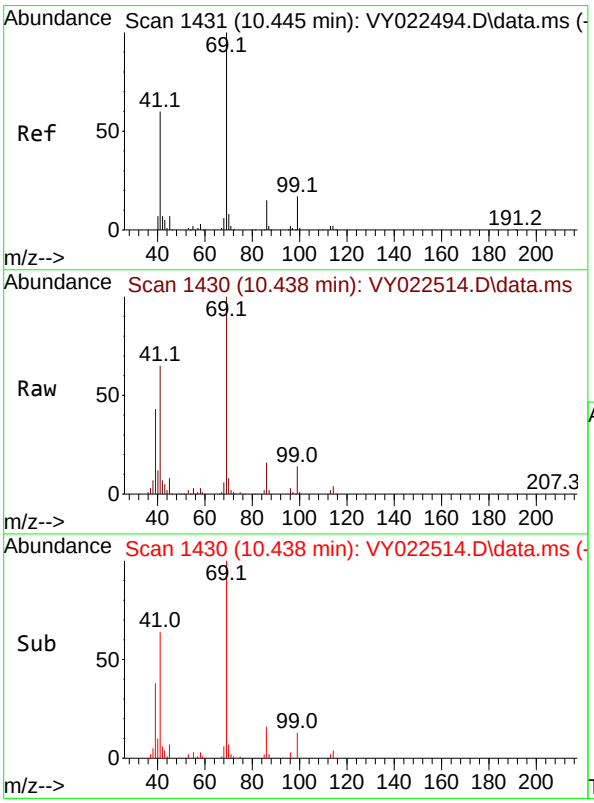
Ion	Ratio	Lower	Upper
97	100		
83	93.2	68.1	102.1
85	57.2	48.2	72.2
99	54.3	49.5	74.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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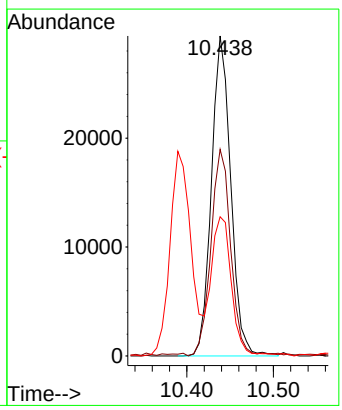
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

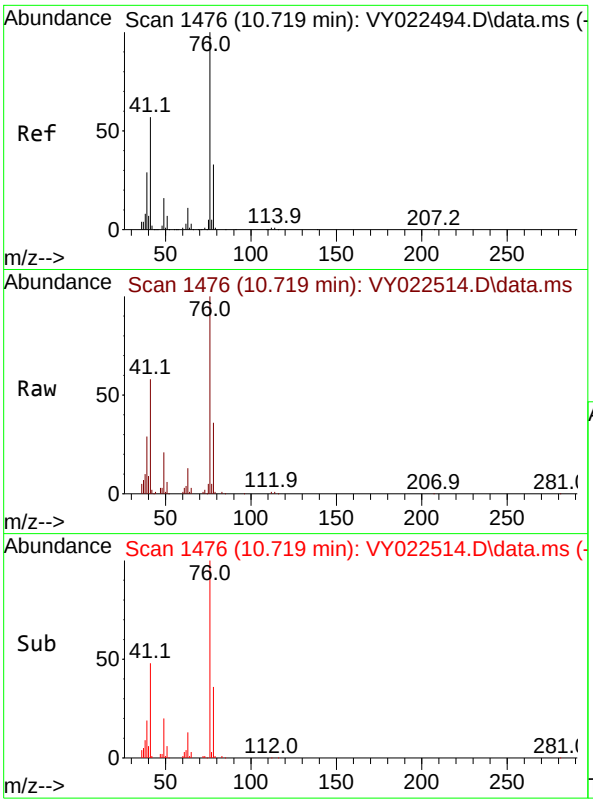


#56
Ethyl methacrylate
Concen: 19.510 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 69 Resp: 45653

Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.2	78.2
39	44.8	36.7	55.1

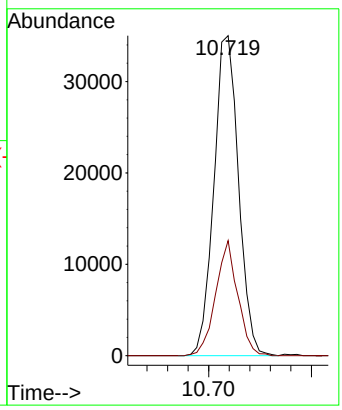




#57
1,3-Dichloropropane
Concen: 20.269 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 76 Resp: 5816

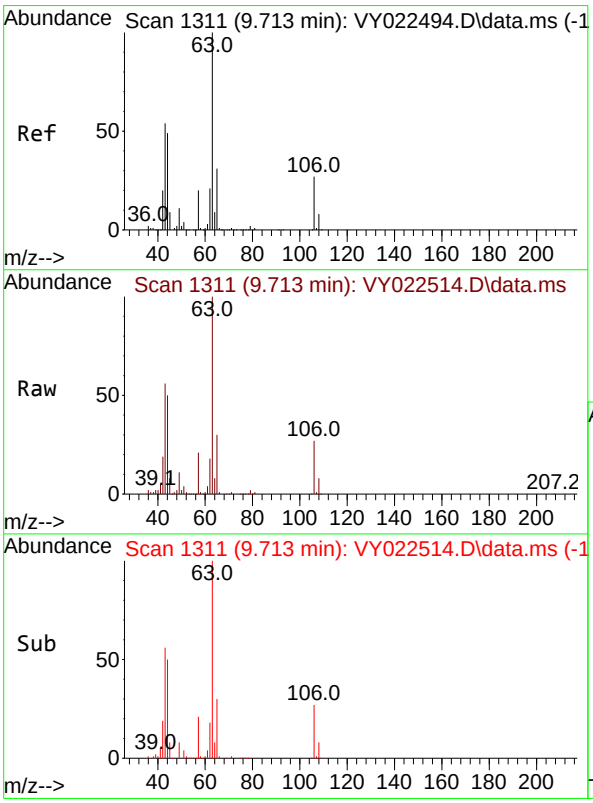
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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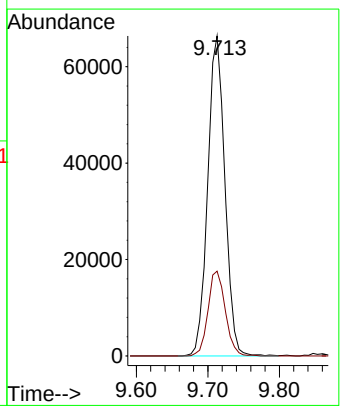
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

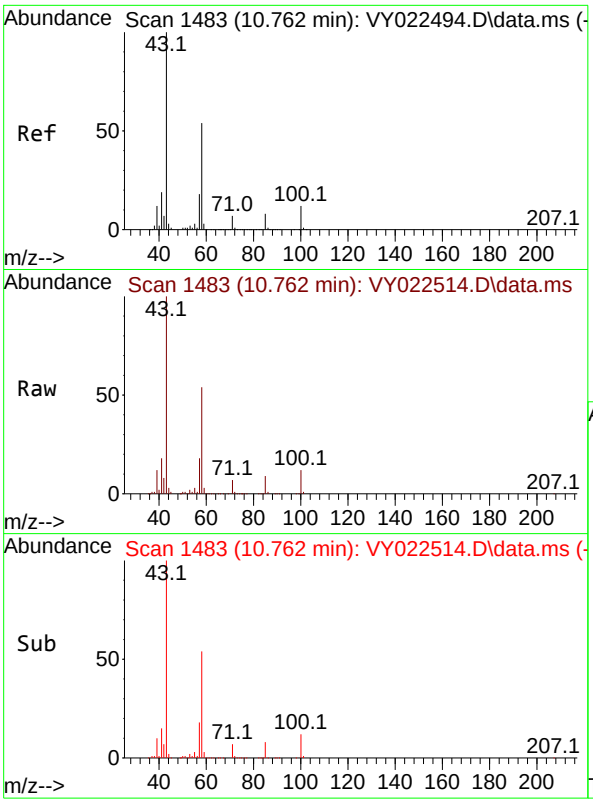


#58
2-Chloroethyl Vinyl ether
Concen: 104.188 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 110692

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4





#59
2-Hexanone
Concen: 98.414 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

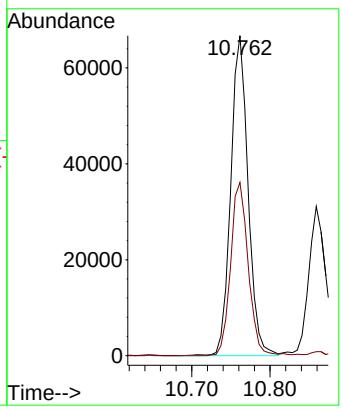
Tgt Ion: 43 Resp: 10218

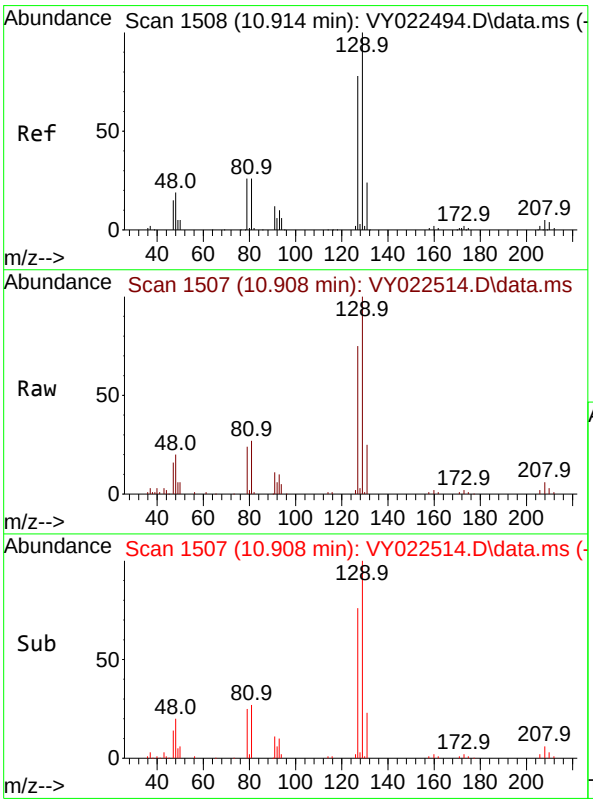
Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.3	81.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

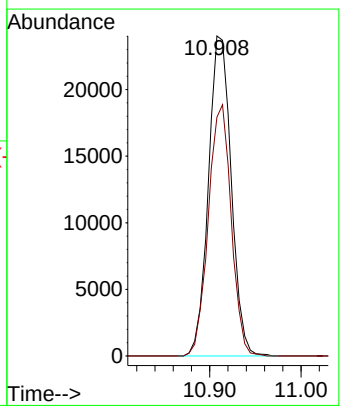


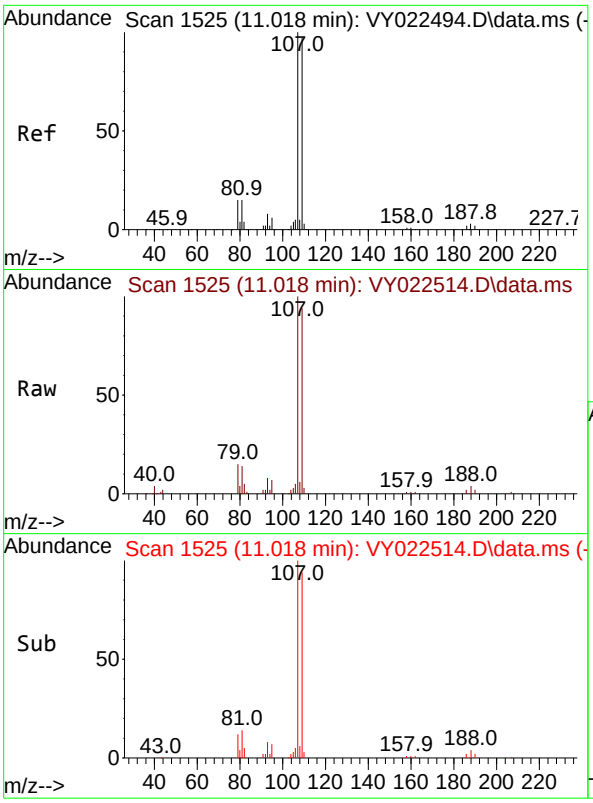


#60
Dibromochloromethane
Concen: 20.203 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:129 Resp: 41567

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2

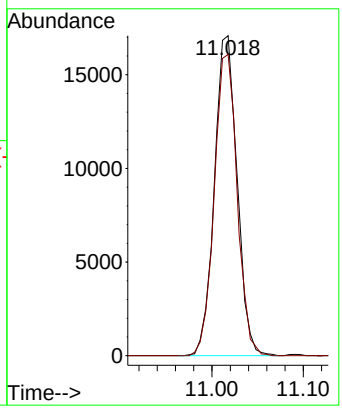




#61
1,2-Dibromoethane
Concen: 19.973 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:107 Resp: 2947

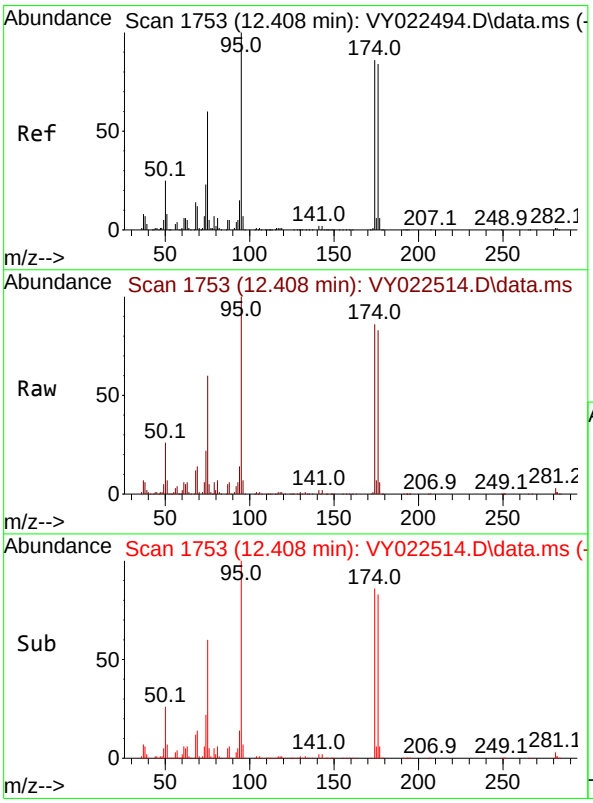
Ion	Ratio	Lower	Upper
107	100		
109	94.9	77.7	116.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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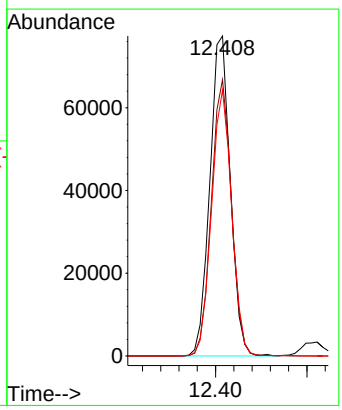
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

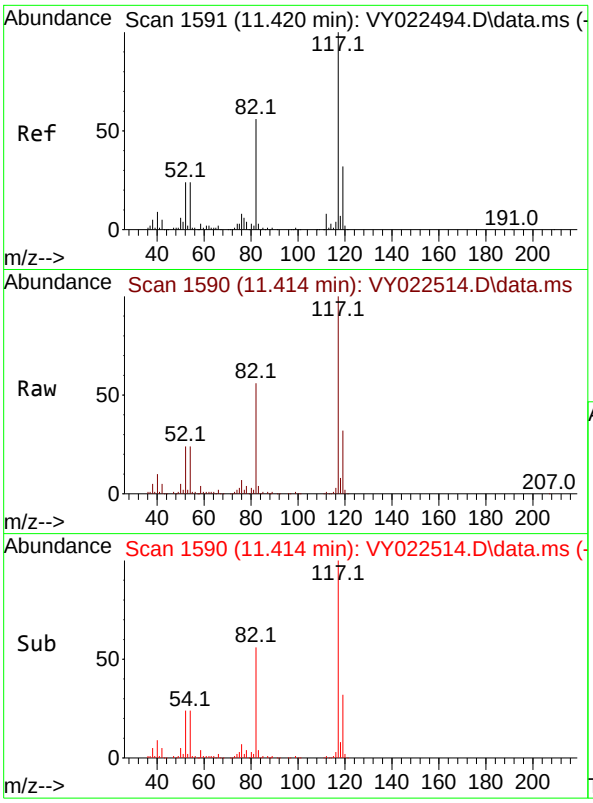


#62
4-Bromofluorobenzene
Concen: 50.086 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 95 Resp: 120123

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	170.0
176	81.8	0.0	166.2

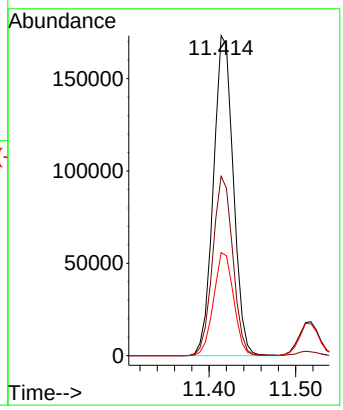




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:117 Resp: 27725

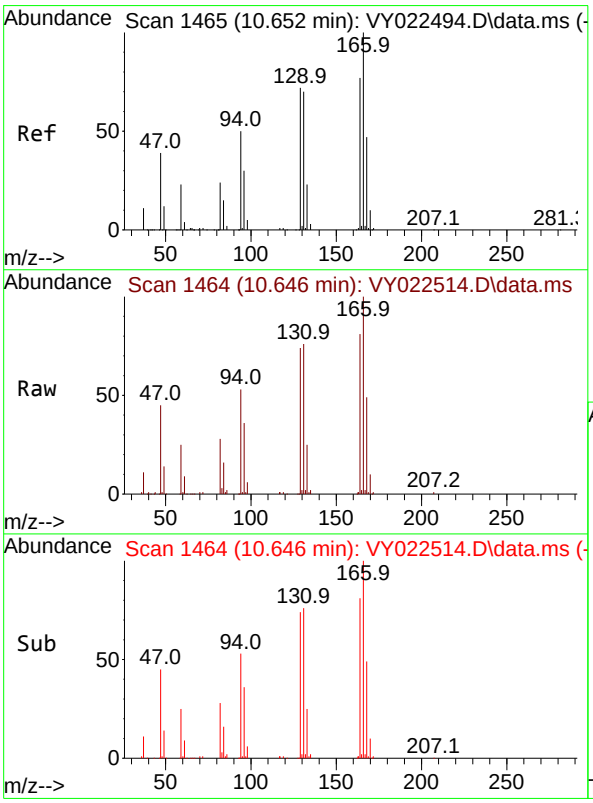
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	32.2	25.4	38.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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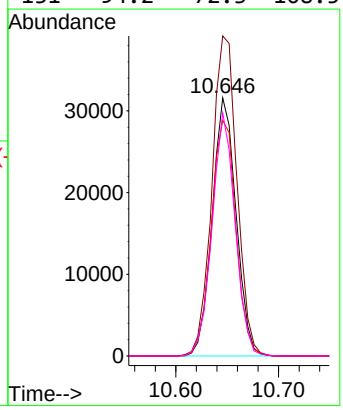
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

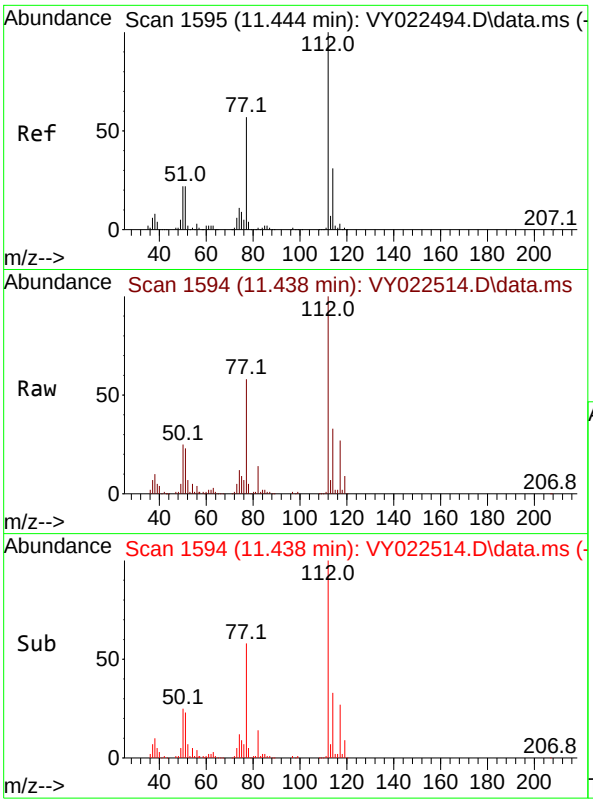


#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:164 Resp: 50817

Ion	Ratio	Lower	Upper
164	100		
166	124.0	104.0	156.0
129	91.3	74.5	111.7
131	94.2	72.3	108.5

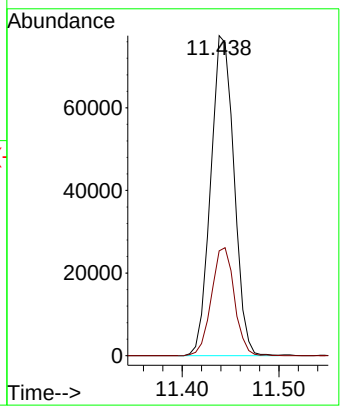




#65
Chlorobenzene
Concen: 21.140 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:112 Resp: 12970

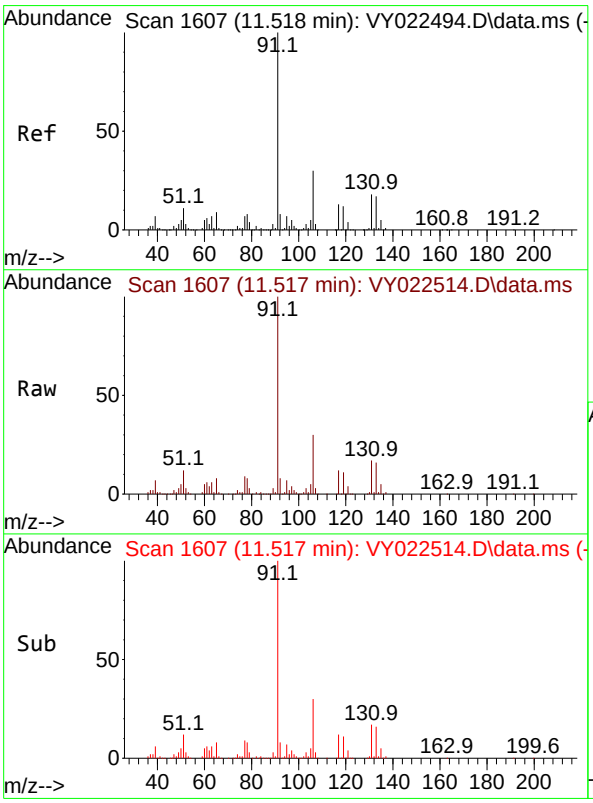
Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.0	37.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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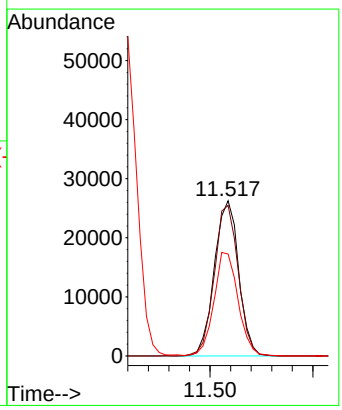
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

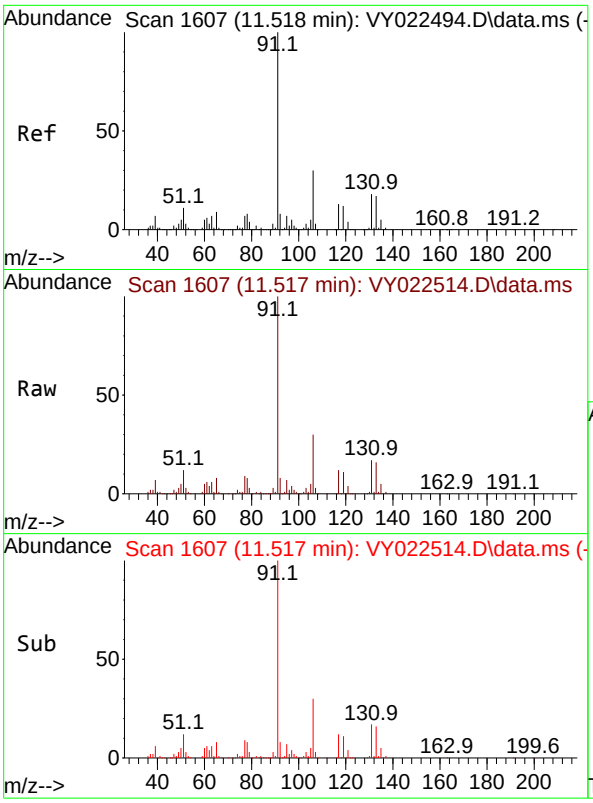


#66
1,1,1,2-Tetrachloroethane
Concen: 20.856 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:131 Resp: 43105

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	141.8
119	66.3	33.1	99.3





#67
Ethyl Benzene
Concen: 20.770 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

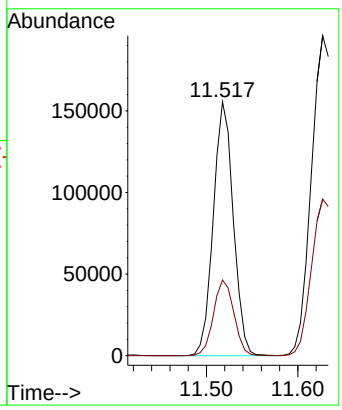
Tgt Ion: 91 Resp: 23635

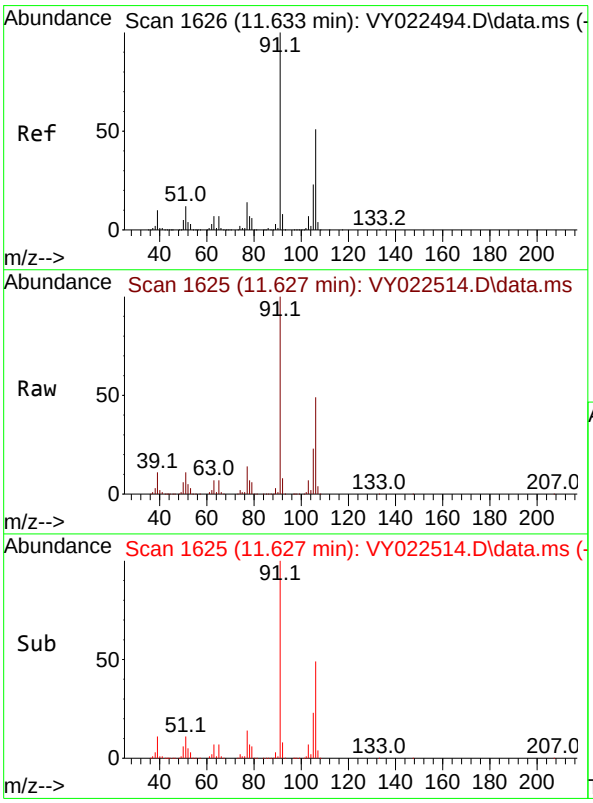
Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.2	36.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

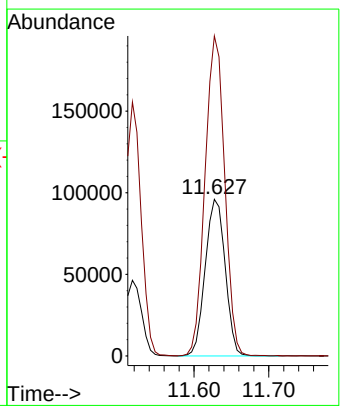


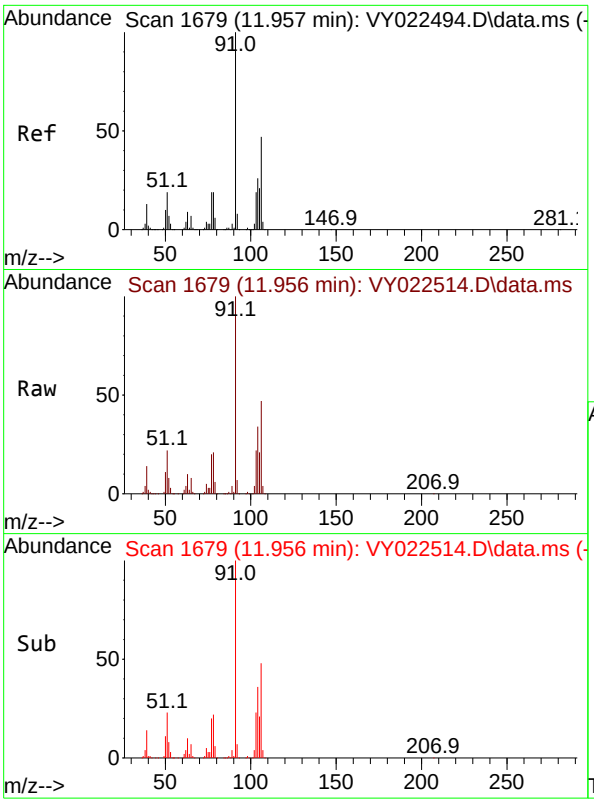


#68
m/p-Xylenes
Concen: 41.269 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:106 Resp: 178031

Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.4	239.0

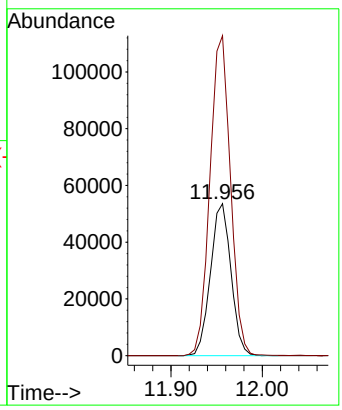




#69
o-Xylene
Concen: 20.682 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:106 Resp: 8364

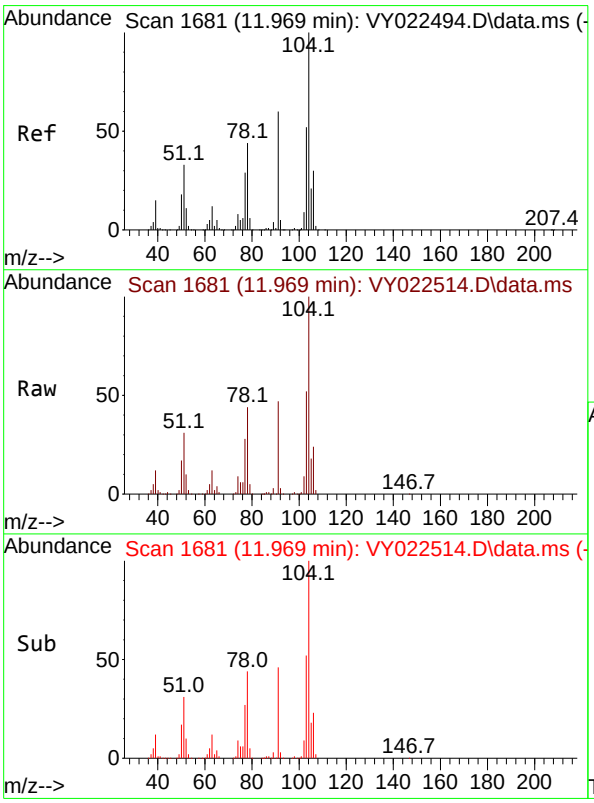
Ion	Ratio	Lower	Upper
106	100		
91	210.8	105.8	317.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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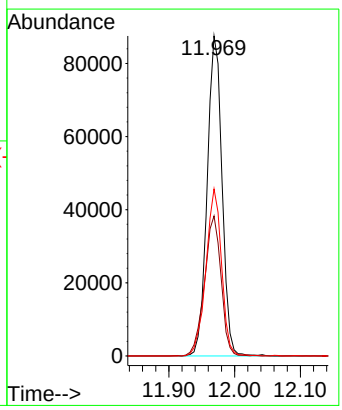
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

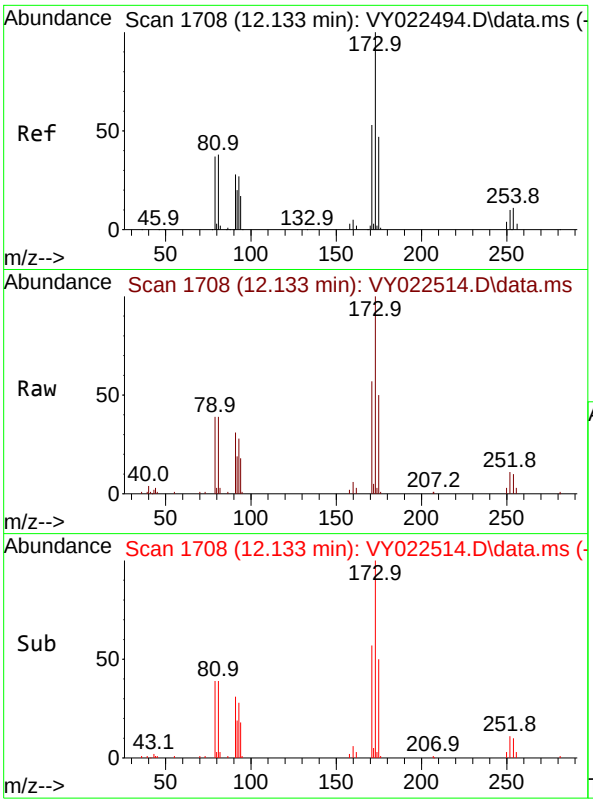


#70
Styrene
Concen: 20.583 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:104 Resp: 137611

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.0	44.1	66.1

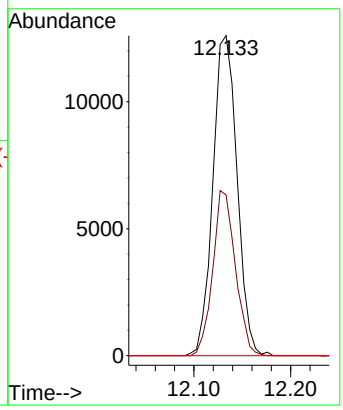




#71
Bromoform
Concen: 19.883 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:173 Resp: 2186

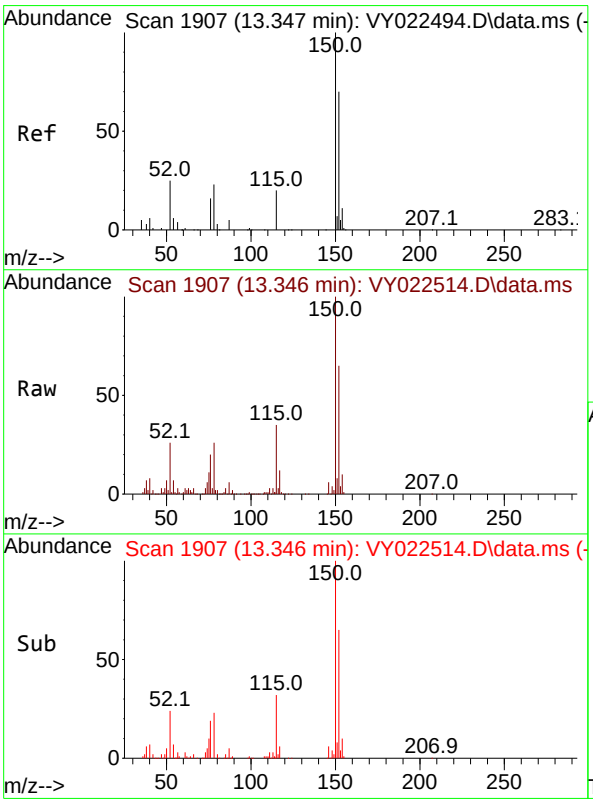
Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.5
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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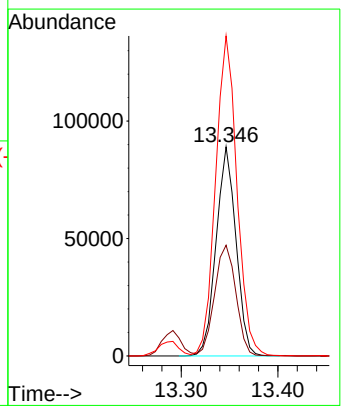
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

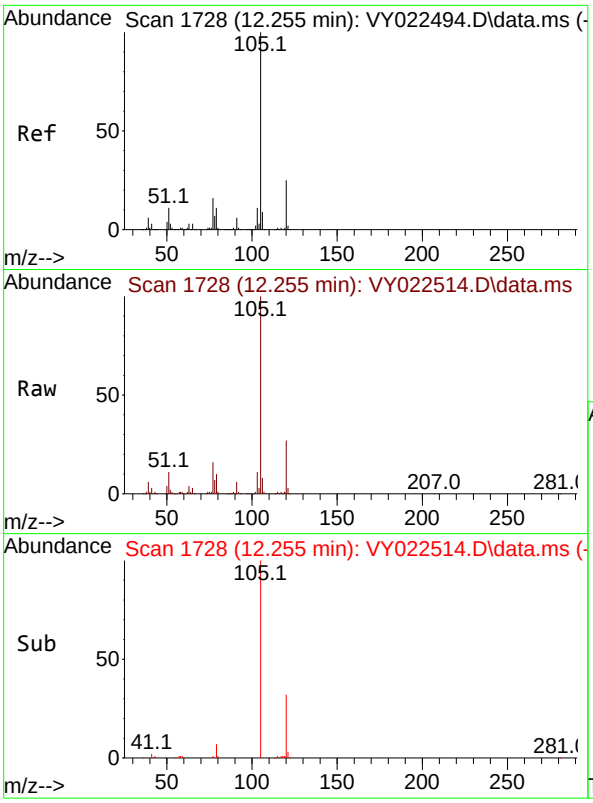


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:152 Resp: 127082

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.7
150	164.5	0.0	349.6

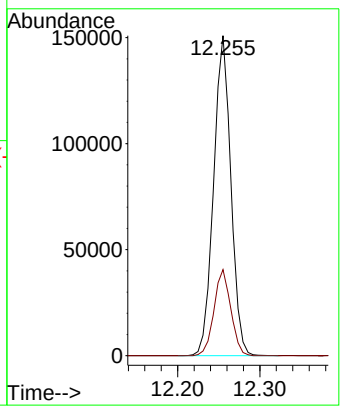




#73
Isopropylbenzene
Concen: 21.105 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 22020

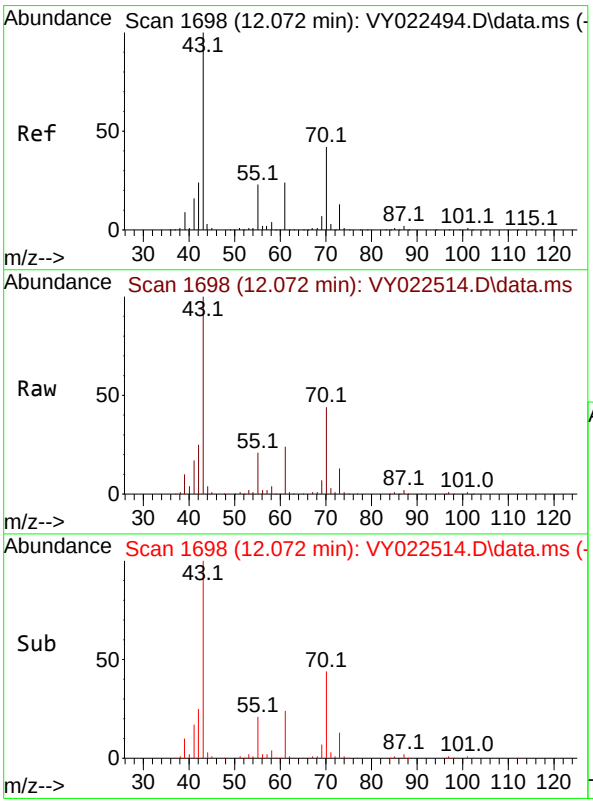
Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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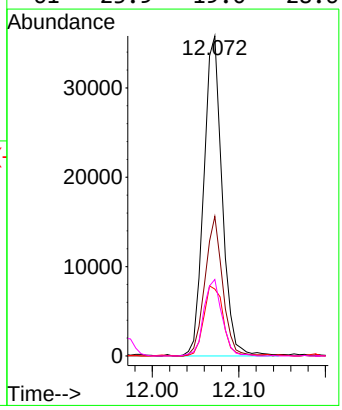
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

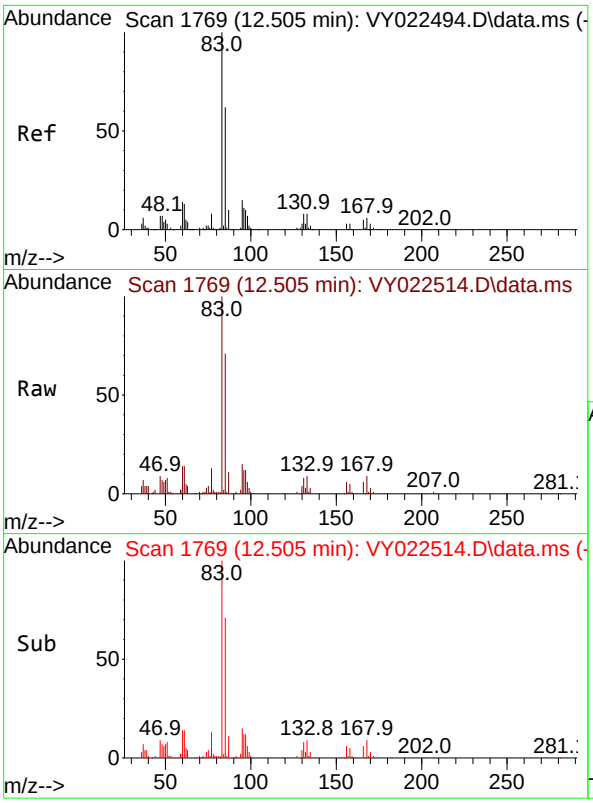


#74
N-amyl acetate
Concen: 20.008 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 52673

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	23.4	18.2	27.4
61	23.9	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.977 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

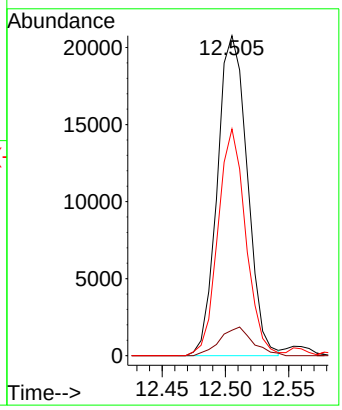
Tgt Ion: 83 Resp: 3420

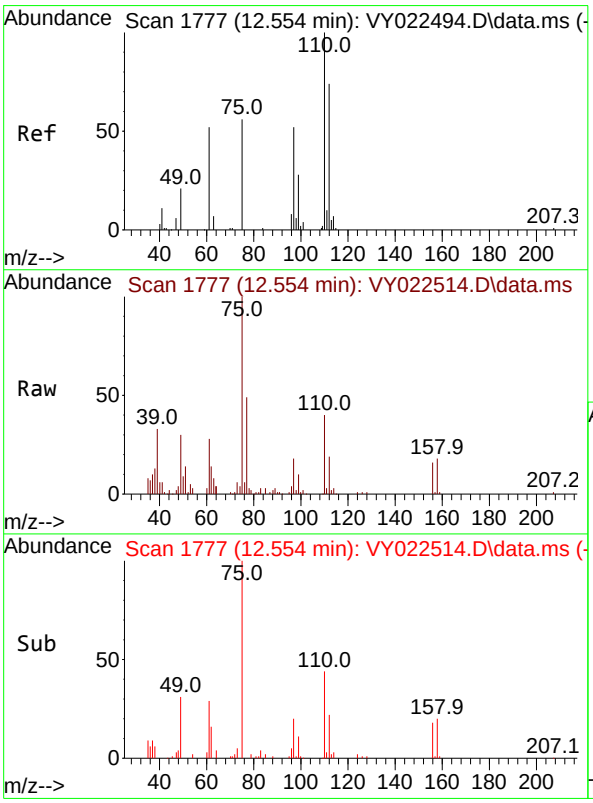
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.9	32.6	97.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

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Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

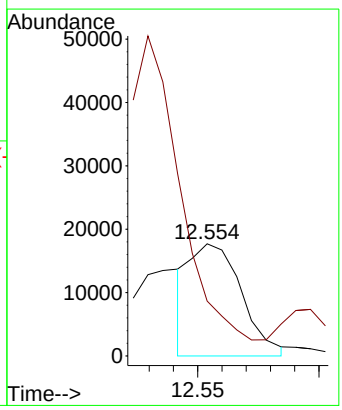


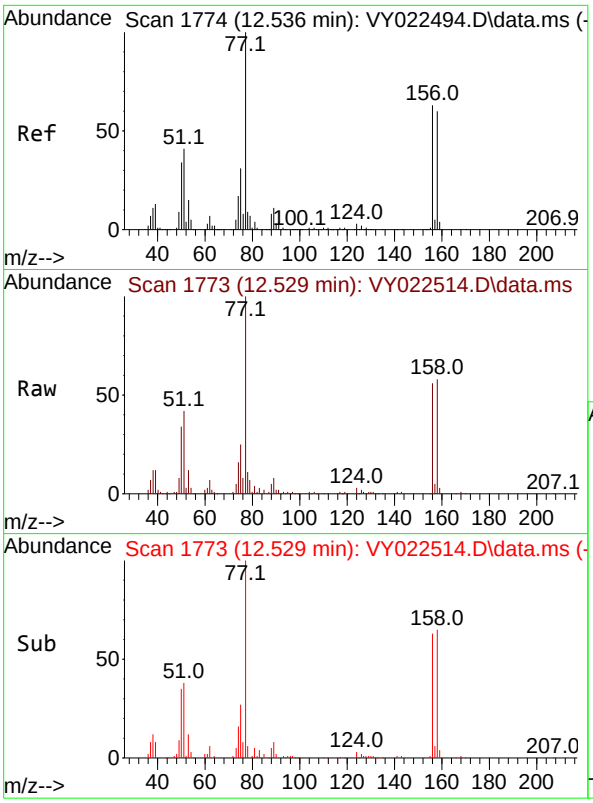


#76
1,2,3-Trichloropropane
Concen: 18.084 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 26292

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

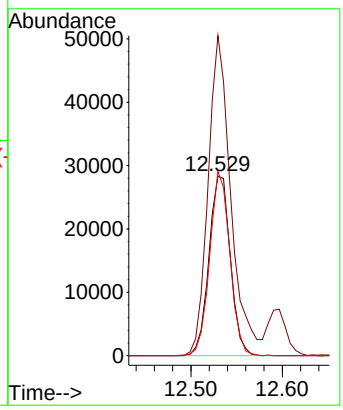




#77
Bromobenzene
Concen: 20.918 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:156 Resp: 4605

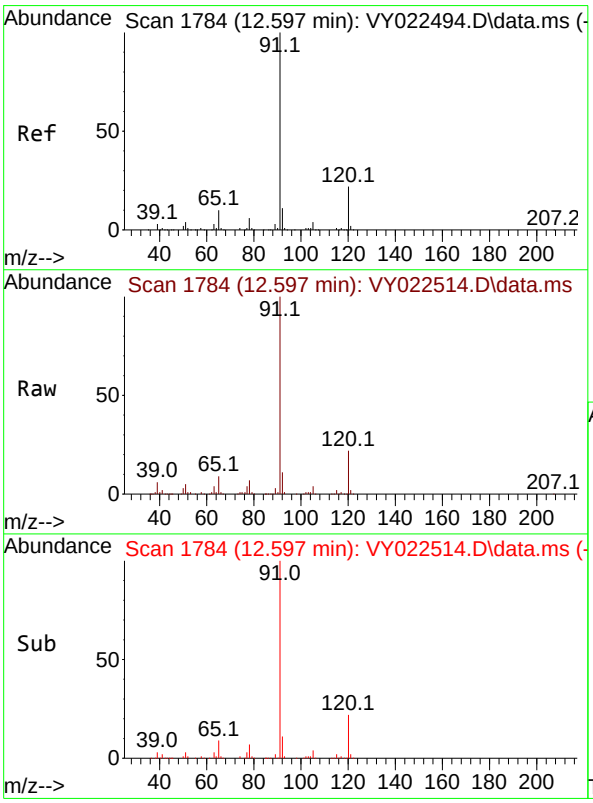
Ion	Ratio	Lower	Upper
156	100		
77	188.2	94.0	282.1
158	96.5	48.2	144.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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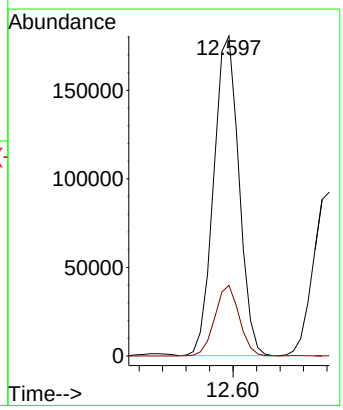
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

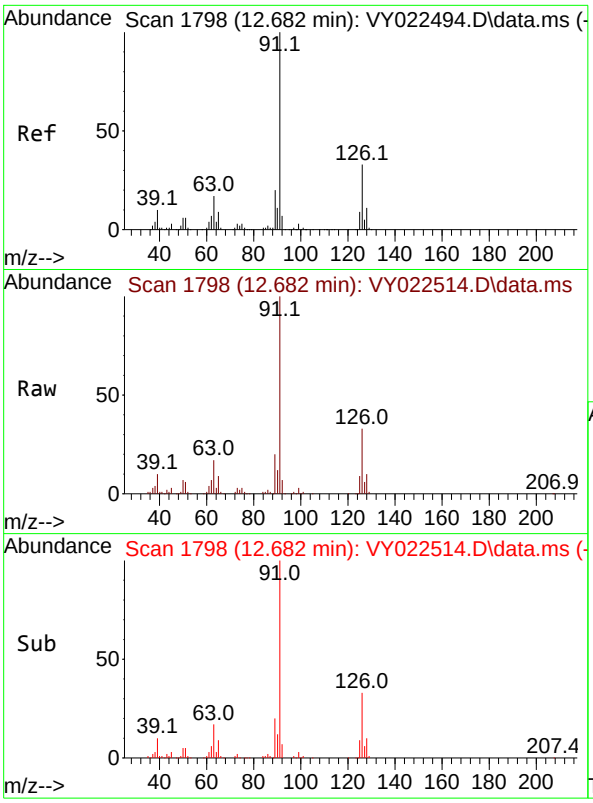


#78
n-propylbenzene
Concen: 21.184 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 269951

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4

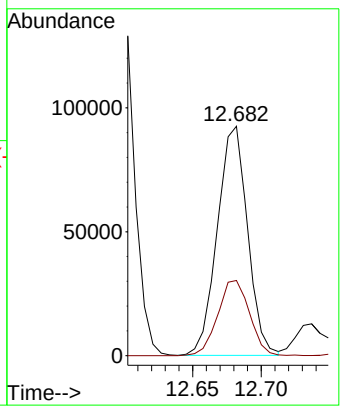




#79
2-Chlorotoluene
Concen: 21.037 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 14208

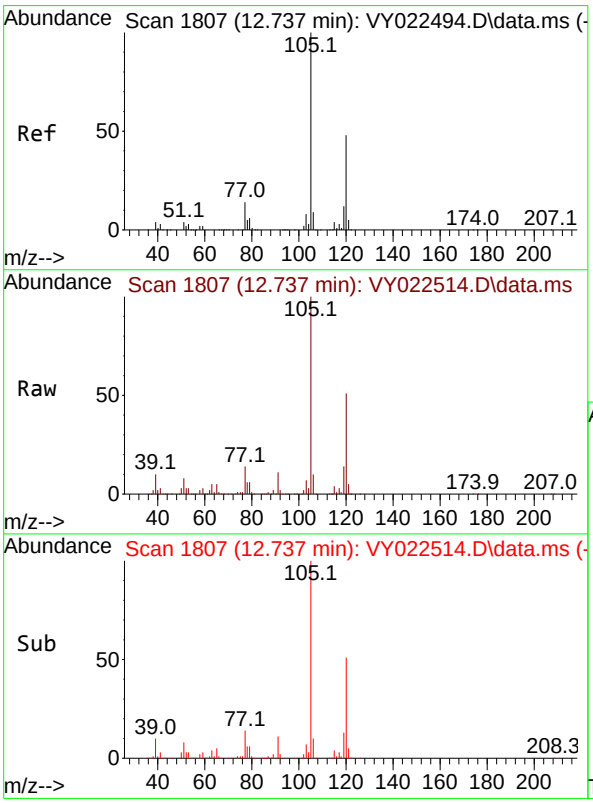
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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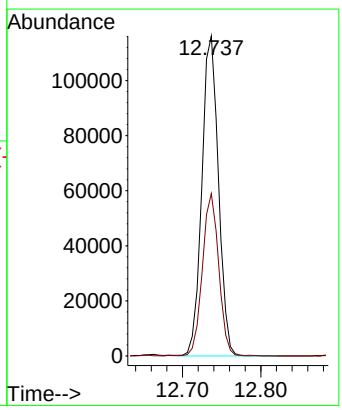
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

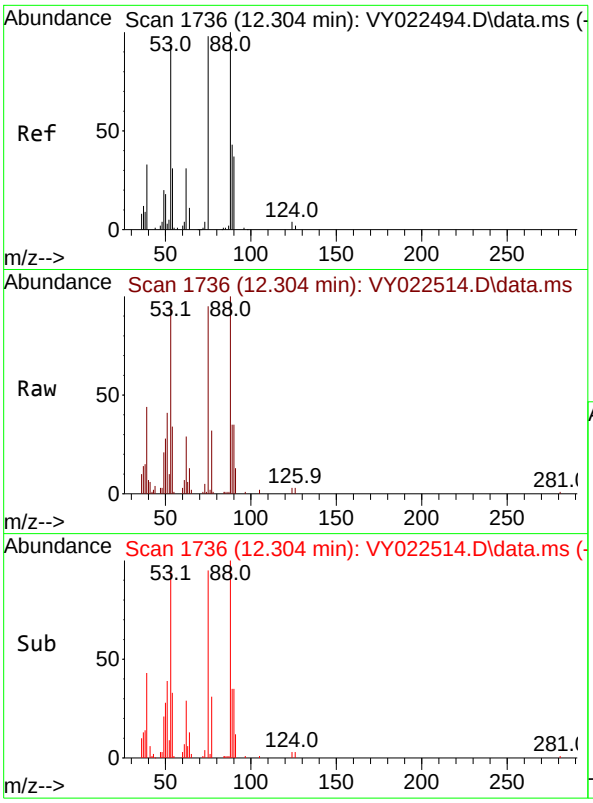


#80
1,3,5-Trimethylbenzene
Concen: 20.866 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 170919

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.1	72.4

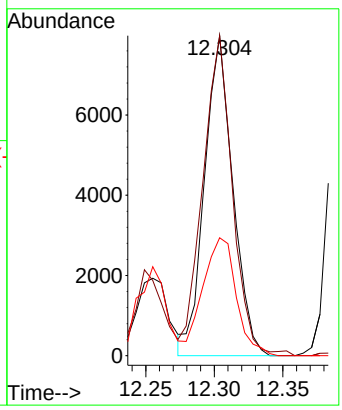




#81
trans-1,4-Dichloro-2-butene
Concen: 19.036 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 1146

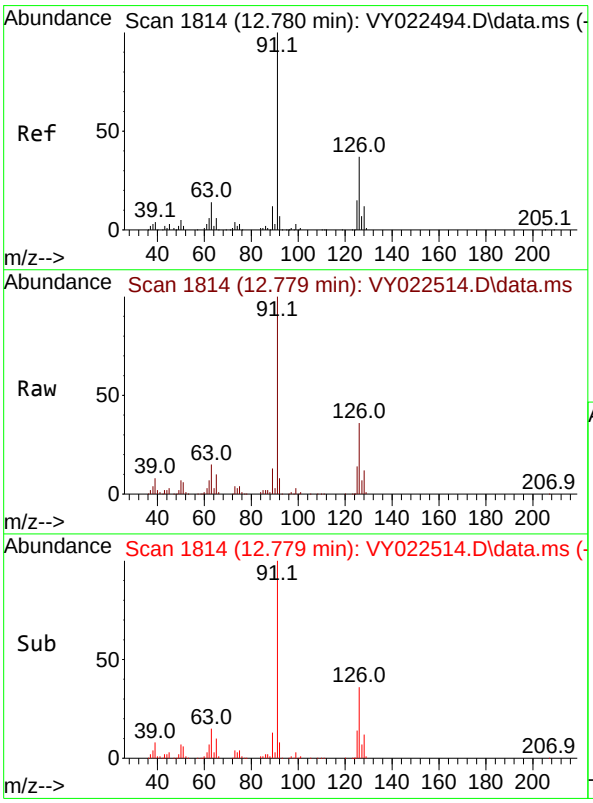
Ion	Ratio	Lower	Upper
75	100		
53	104.7	78.5	117.7
89	42.9	35.7	53.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

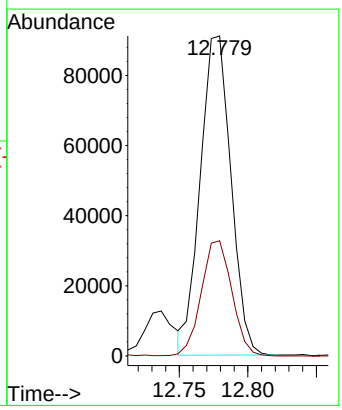
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

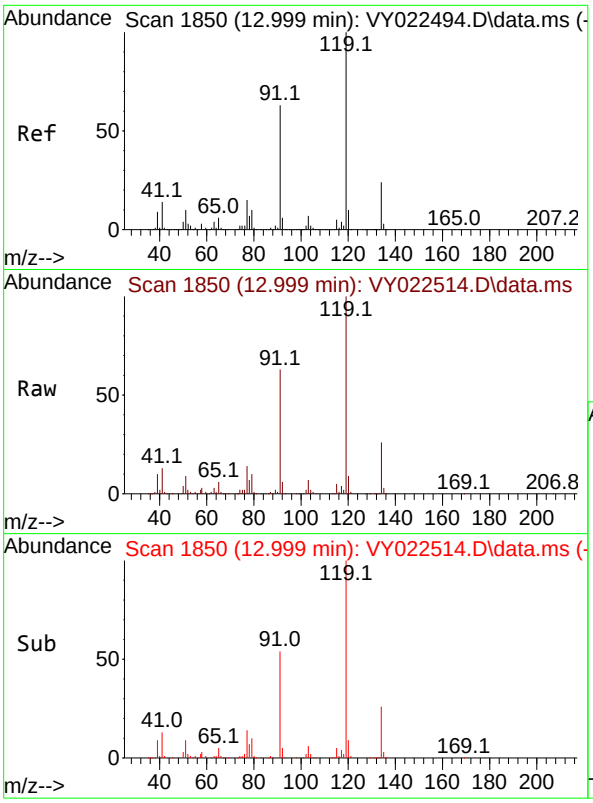


#82
4-Chlorotoluene
Concen: 20.364 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 141886

Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.0	50.9

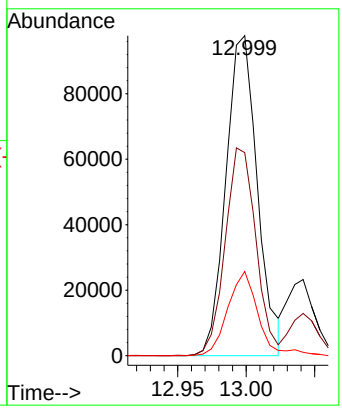




#83
tert-Butylbenzene
Concen: 21.309 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:119 Resp: 15666

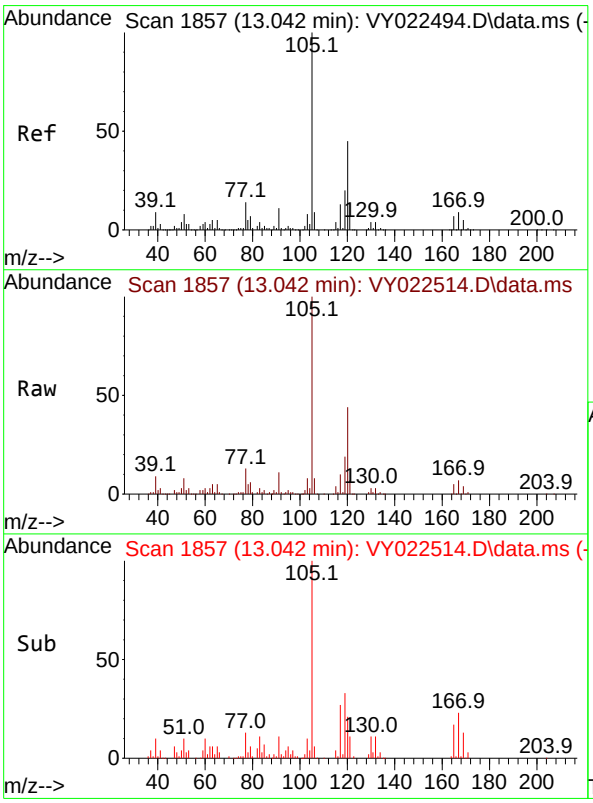
Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.1	96.3
134	25.5	13.0	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

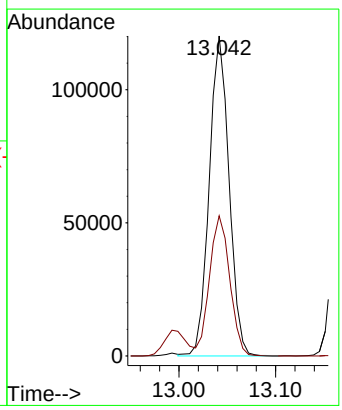
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

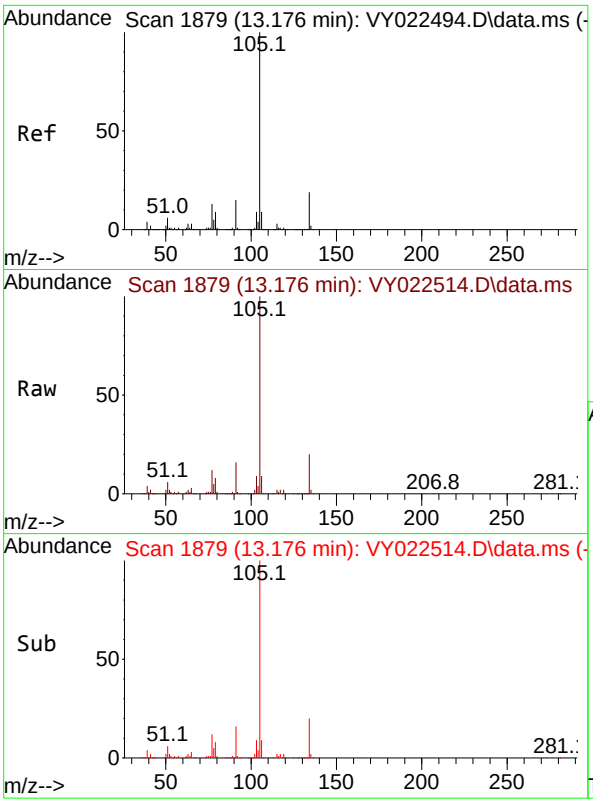


#84
1,2,4-Trimethylbenzene
Concen: 20.846 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 170782

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1

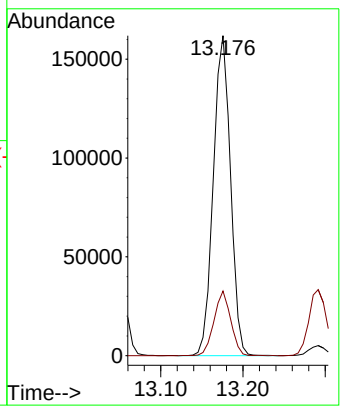




#85
sec-Butylbenzene
Concen: 20.907 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 23540

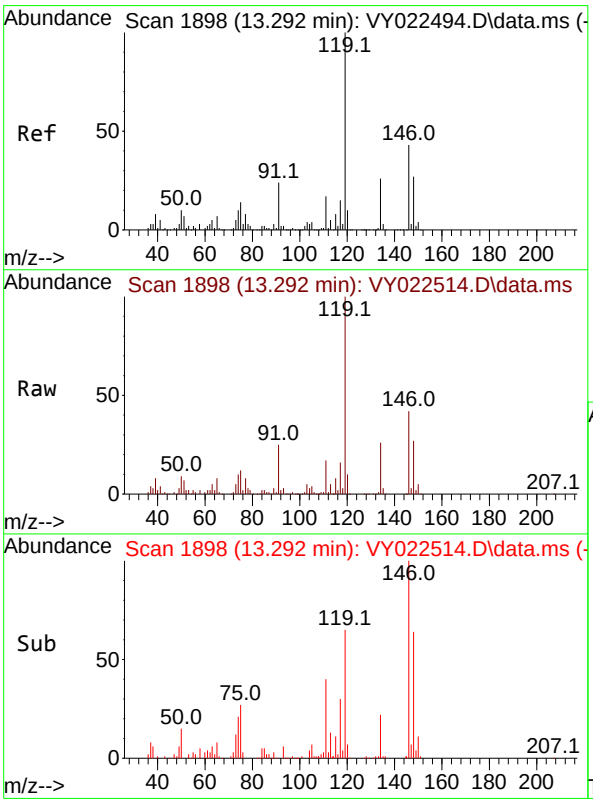
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

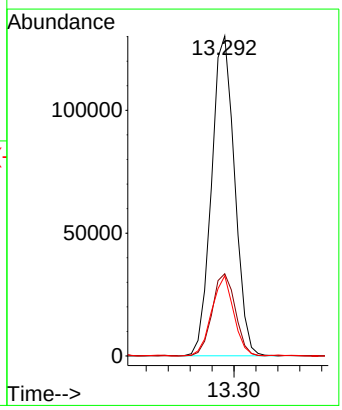
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

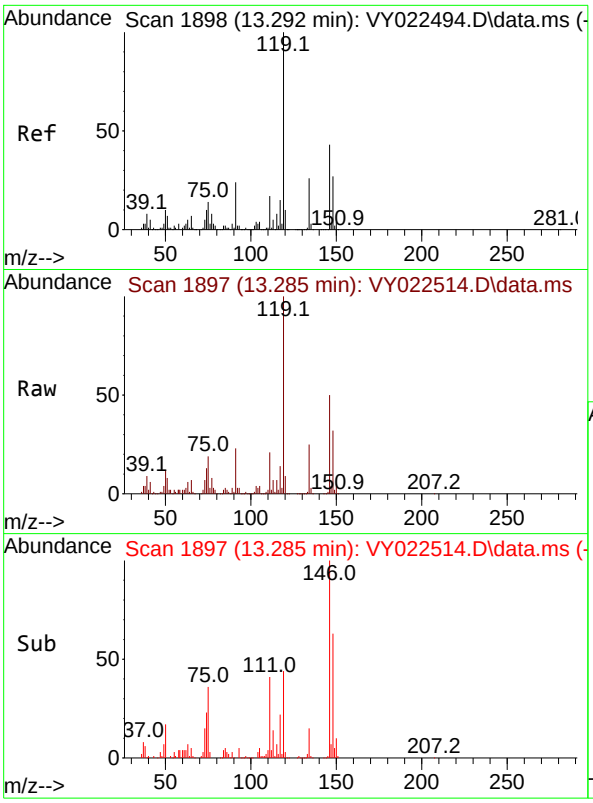


#86
p-Isopropyltoluene
Concen: 20.525 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:119 Resp: 190486

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.9	11.6	34.8





#87
1,3-Dichlorobenzene
Concen: 20.544 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

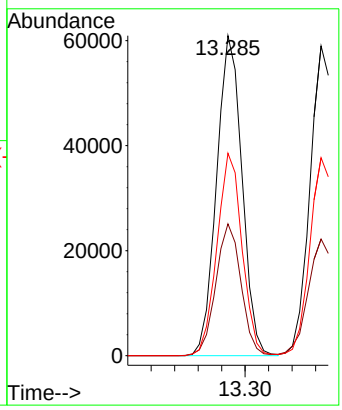
Tgt Ion:146 Resp: 9164

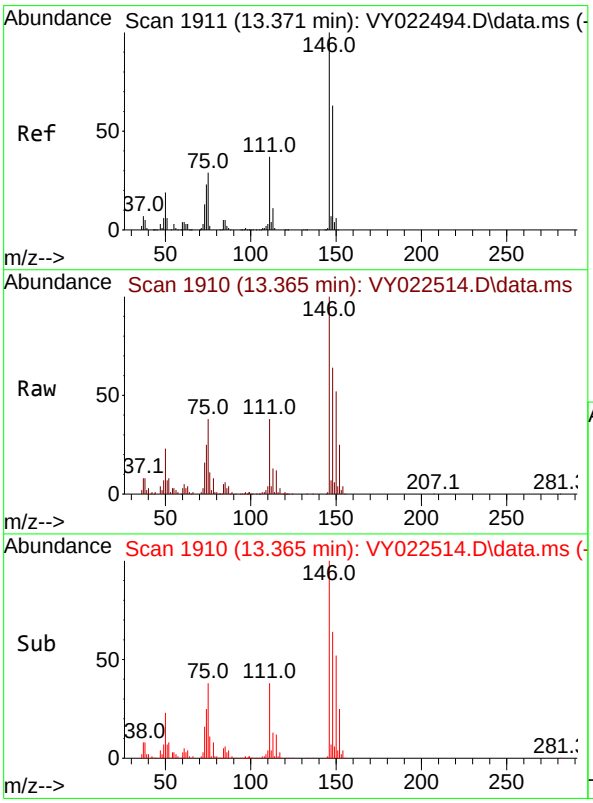
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	62.4	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

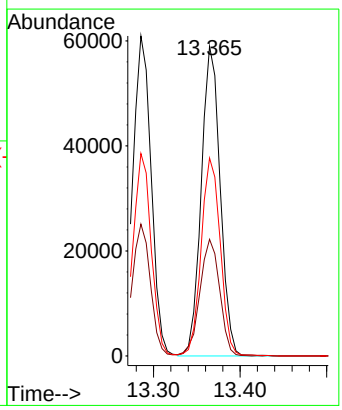


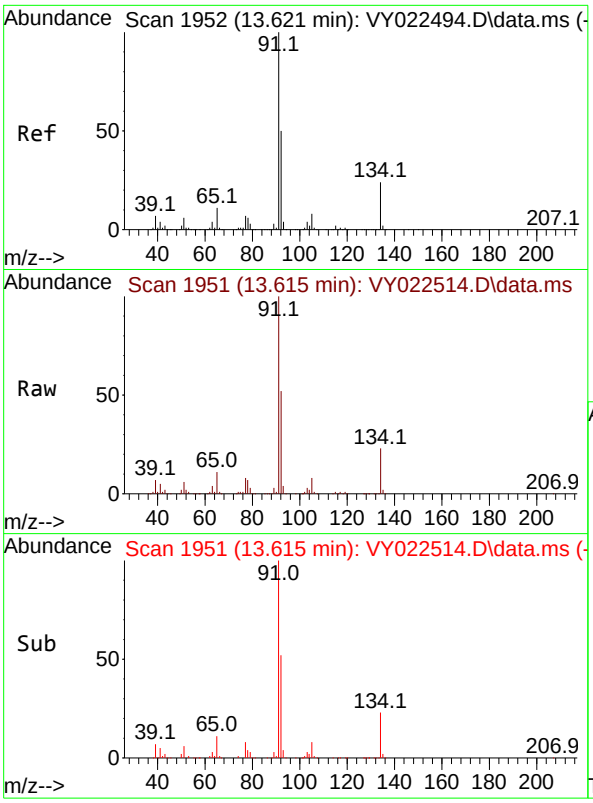


#88
1,4-Dichlorobenzene
Concen: 20.709 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:146 Resp: 89601

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.6	31.6	94.8

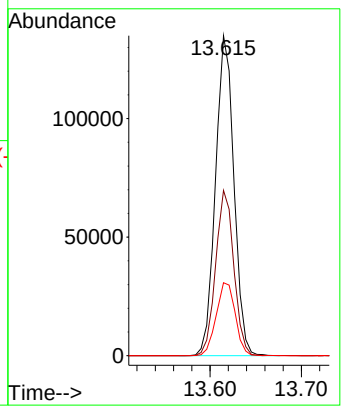




#89
n-Butylbenzene
Concen: 21.478 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 18912

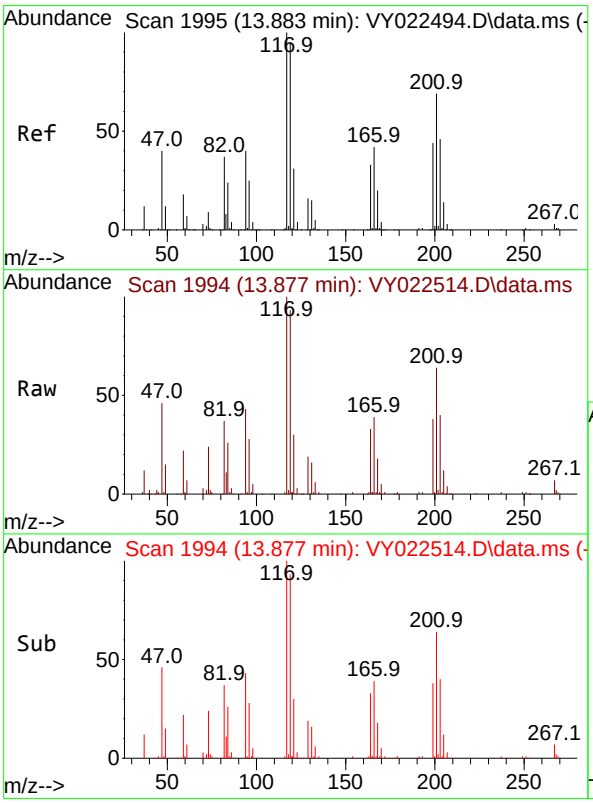
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	23.7	12.0	36.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

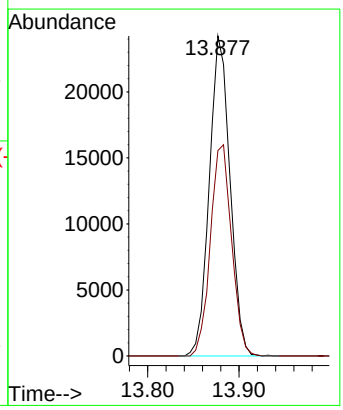
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

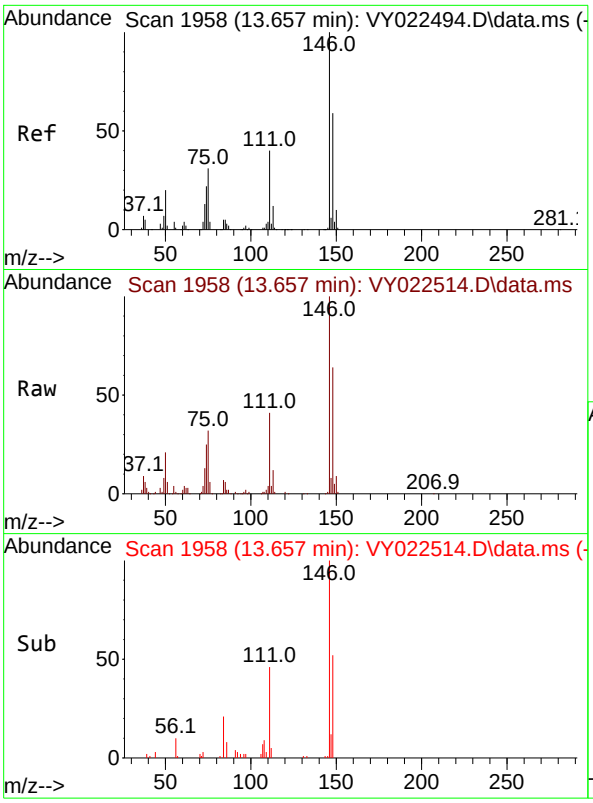


#90
Hexachloroethane
Concen: 21.128 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:117 Resp: 38174

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.0	102.0

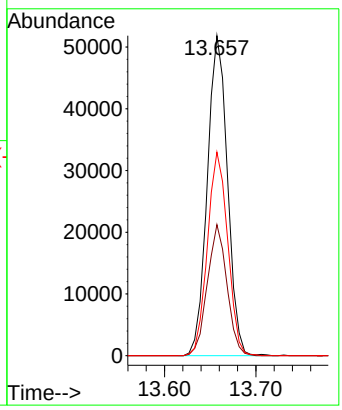




#91
1,2-Dichlorobenzene
Concen: 20.938 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:146 Resp: 7930

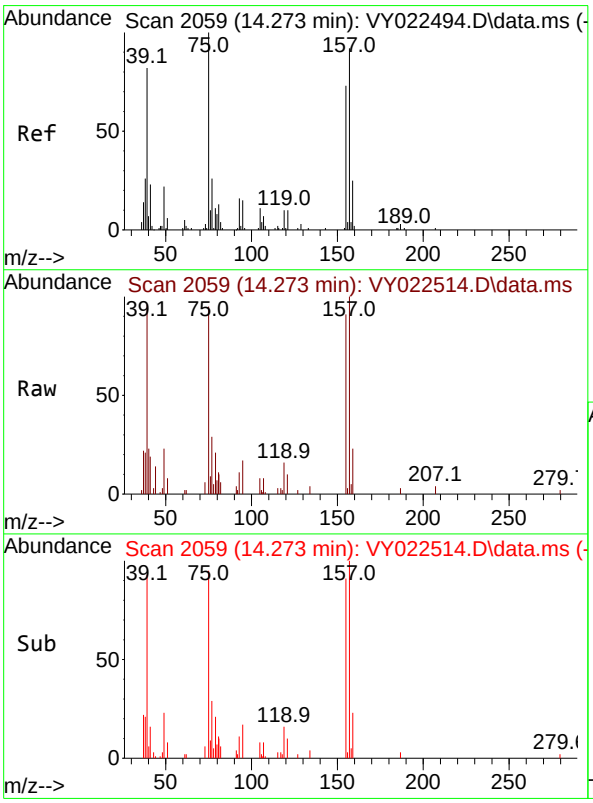
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.9	31.4	94.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

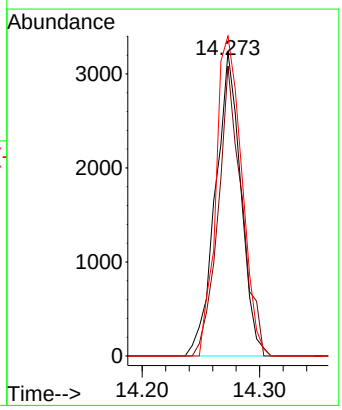
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

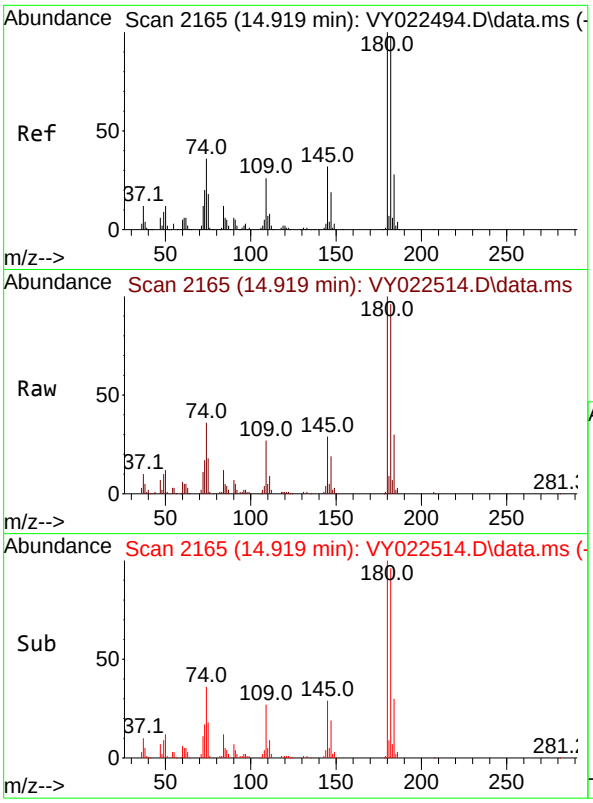


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.429 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 4844

Ion	Ratio	Lower	Upper
75	100		
155	88.8	39.9	119.6
157	107.4	54.0	162.0

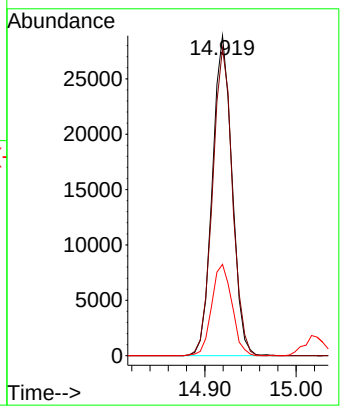




#93
1,2,4-Trichlorobenzene
Concen: 20.945 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:180 Resp: 4326

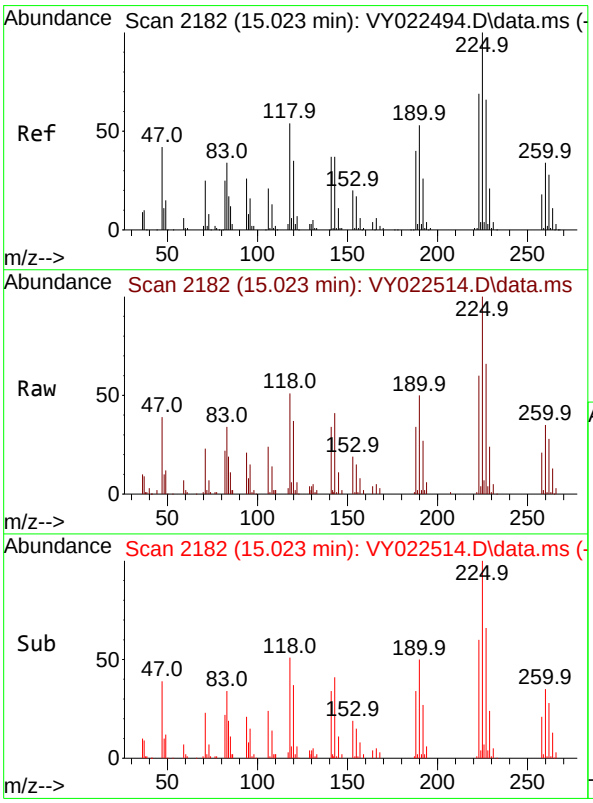
Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.4	145.3
145	29.4	15.5	46.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
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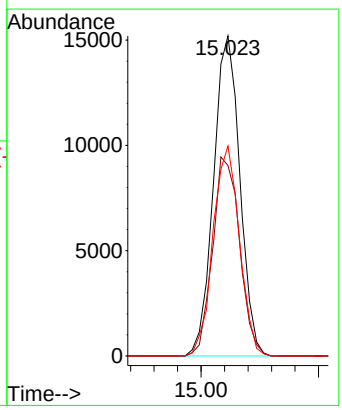
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025

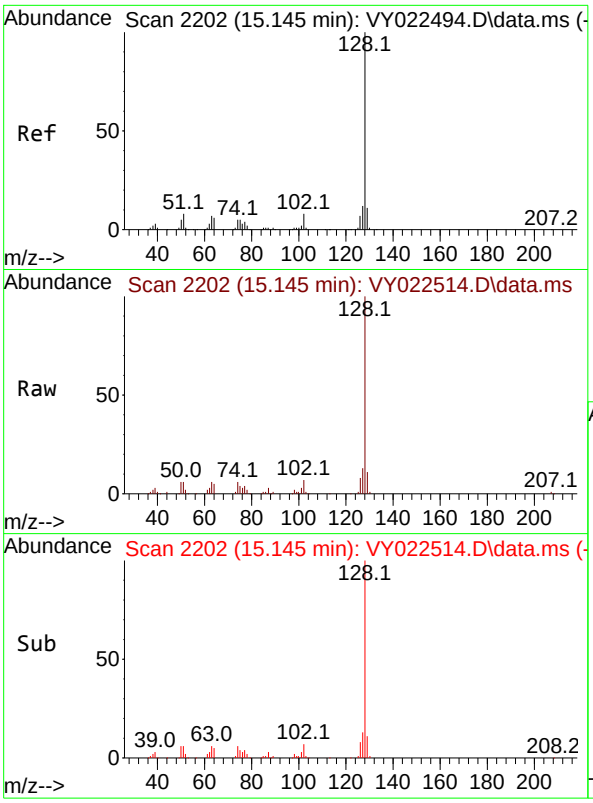


#94
Hexachlorobutadiene
Concen: 20.747 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:225 Resp: 23654

Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.5	97.4
227	65.7	32.3	96.9

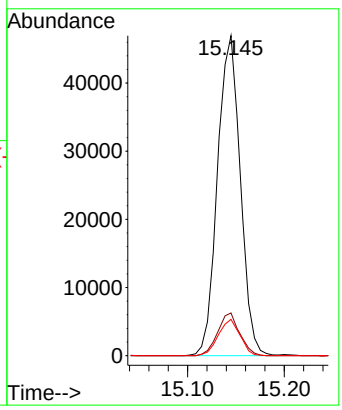




#95
Naphthalene
Concen: 19.418 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:128 Resp: 7697

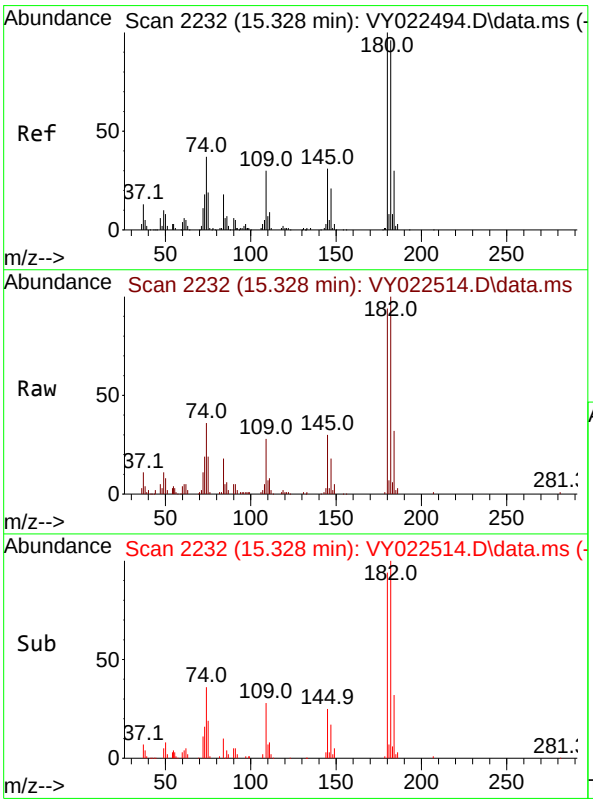
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Manual Integrations
APPROVED

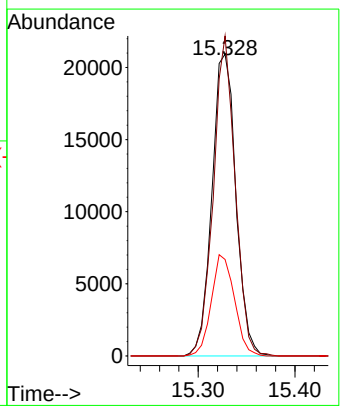
Reviewed By :Mahesh Dadoda 06/04/2025
Supervised By :Semsettin Yesilyurt 06/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.294 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:180 Resp: 35926

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.3
145	32.4	15.2	45.6



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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602MS	SDG No.:	Q2162
Lab Sample ID:	Q2162-05MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046429.D	1		05/30/25 18:09	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	53.2		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	51.7		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	50.6		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	53.7		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	53.2		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	54.4		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	53.6		0.23	0.75	1.00	ug/L
67-64-1	Acetone	310		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	48.6		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	57.2		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	52.9		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	54.0		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	57.2		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	310		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	52.3		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	55.9		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	57.4		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	55.7		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	50.7		0.16	0.50	1.00	ug/L
71-43-2	Benzene	54.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	55.3		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	53.2		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	56.3		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	56.5		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	310		0.68	2.50	5.00	ug/L
108-88-3	Toluene	54.3		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	54.0		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	54.1		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	56.4		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	320		0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602MS	SDG No.:	Q2162
Lab Sample ID:	Q2162-05MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046429.D	1		05/30/25 18:09	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	57.3		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	54.4		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	53.1		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	54.9		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	56.3		0.12	0.50	1.00	ug/L
100-42-5	Styrene	56.9		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	56.8		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	53.4		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	52.4		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	51.9		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	50.7		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.9		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.3		81 - 118		103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	47.9		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	79500	5.55				
540-36-3	1,4-Difluorobenzene	144000	6.757				
3114-55-4	Chlorobenzene-d5	126000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	62000	12.018				

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\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 30 23:33:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	79536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76037	51.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	5.379	113	52269	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	171593	47.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	69430	50.571	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	62420	51.275	ug/l	97
3) Chloromethane	1.306	50	62848	53.237	ug/l	99
4) Vinyl Chloride	1.373	62	56763	51.664	ug/l	99
5) Bromomethane	1.593	94	25803	50.634	ug/l	98
6) Chloroethane	1.666	64	31490	53.688	ug/l	98
7) Trichlorofluoromethane	1.873	101	86347	53.176	ug/l	98
8) Diethyl Ether	2.136	74	29725	53.775	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	54675	54.410	ug/l	98
10) Methyl Iodide	2.440	142	67016	56.362	ug/l	100
11) Tert butyl alcohol	2.983	59	62436	299.970	ug/l	99
12) 1,1-Dichloroethene	2.306	96	50583	53.635	ug/l	97
13) Acrolein	2.233	56	62233	262.542	ug/l	98
14) Allyl chloride	2.654	41	104310	57.872	ug/l	95
15) Acrylonitrile	3.062	53	185721	312.049	ug/l	98
16) Acetone	2.385	43	185426	311.884	ug/l	100
17) Carbon Disulfide	2.501	76	108665	48.600	ug/l	100
18) Methyl Acetate	2.703	43	101553	73.609	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	189124	57.199	ug/l	97
20) Methylene Chloride	2.782	84	60300	52.926	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	51195	53.979	ug/l	98
22) Diisopropyl ether	3.763	45	200122	57.479	ug/l	92
23) Vinyl Acetate	3.721	43	828691	270.616	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110986	57.233	ug/l	99
25) 2-Butanone	4.556	43	271844	314.948	ug/l	98
26) 2,2-Dichloropropane	4.470	77	71863	47.346	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63831	55.906	ug/l	98
28) Bromochloromethane	4.897	49	50288	53.874	ug/l	96
29) Tetrahydrofuran	5.007	42	166798	308.392	ug/l	99
30) Chloroform	5.086	83	115922	57.351	ug/l	97
31) Cyclohexane	5.464	56	93568	52.949	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	97601	55.704	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72369	52.085	ug/l	98
37) Ethyl Acetate	4.720	43	94527	55.065	ug/l	99
38) Carbon Tetrachloride	5.665	117	81657	52.306	ug/l	99
39) Methylcyclohexane	7.372	83	90720	50.716	ug/l	99
40) Benzene	6.031	78	220887	54.275	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 30 23:33:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58282	64.902	ug/l		98
42) 1,2-Dichloroethane	6.080	62	97143	55.305	ug/l		99
43) Isopropyl Acetate	6.342	43	150267	57.379	ug/l		98
44) Trichloroethene	7.122	130	52156	53.246	ug/l		94
45) 1,2-Dichloropropane	7.427	63	56924	56.250	ug/l		97
46) Dibromomethane	7.574	93	43777	54.848	ug/l		99
47) Bromodichloromethane	7.817	83	88865	56.529	ug/l		98
48) Methyl methacrylate	7.689	41	80328	60.060	ug/l		98
49) 1,4-Dioxane	7.659	88	28386	1117.783	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	542643	312.159	ug/l		98
52) Toluene	8.714	92	135485	54.291	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	75460	54.004	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	83609	54.138	ug/l		97
55) 1,1,2-Trichloroethane	9.146	97	55494	56.396	ug/l		96
56) Ethyl methacrylate	9.116	69	93893	59.870	ug/l		99
57) 1,3-Dichloropropane	9.305	76	97423	55.129	ug/l		100
59) 2-Hexanone	9.427	43	406005	315.688	ug/l		100
60) Dibromochloromethane	9.518	129	61911	57.290	ug/l		99
61) 1,2-Dibromoethane	9.610	107	56744	55.483	ug/l		99
64) Tetrachloroethene	9.268	164	48563	54.423	ug/l		95
65) Chlorobenzene	10.079	112	146711	53.149	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	51037	54.146	ug/l		99
67) Ethyl Benzene	10.189	91	267155	54.904	ug/l		99
68) m/p-Xylenes	10.299	106	192988	108.442	ug/l		98
69) o-Xylene	10.640	106	97673	56.296	ug/l		100
70) Styrene	10.652	104	161812	56.934	ug/l		99
71) Bromoform	10.799	173	40231	56.849	ug/l	#	100
73) Isopropylbenzene	10.957	105	257943	53.404	ug/l		99
74) N-amyl acetate	10.841	43	130202	54.553	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88612	52.353	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	79103m	52.971	ug/l		
77) Bromobenzene	11.195	156	58001	51.725	ug/l		99
78) n-propylbenzene	11.305	91	298445	53.142	ug/l		100
79) 2-Chlorotoluene	11.359	91	187233	51.688	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	217152	53.815	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	23761	51.802	ug/l		98
82) 4-Chlorotoluene	11.451	91	212802	52.974	ug/l		98
83) tert-Butylbenzene	11.713	119	213853	52.615	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219791	53.787	ug/l		100
85) sec-Butylbenzene	11.890	105	270845	54.272	ug/l		99
86) p-Isopropyltoluene	12.006	119	221004	53.650	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	106292	51.938	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	105861	50.651	ug/l		99
89) n-Butylbenzene	12.329	91	194522	53.834	ug/l		99
90) Hexachloroethane	12.536	117	38274	52.739	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	108652	52.907	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21435	57.165	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	60157	51.001	ug/l		100
94) Hexachlorobutadiene	13.725	225	25337	49.184	ug/l		96
95) Naphthalene	13.774	128	226842	52.436	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	62860	51.649	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:33:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

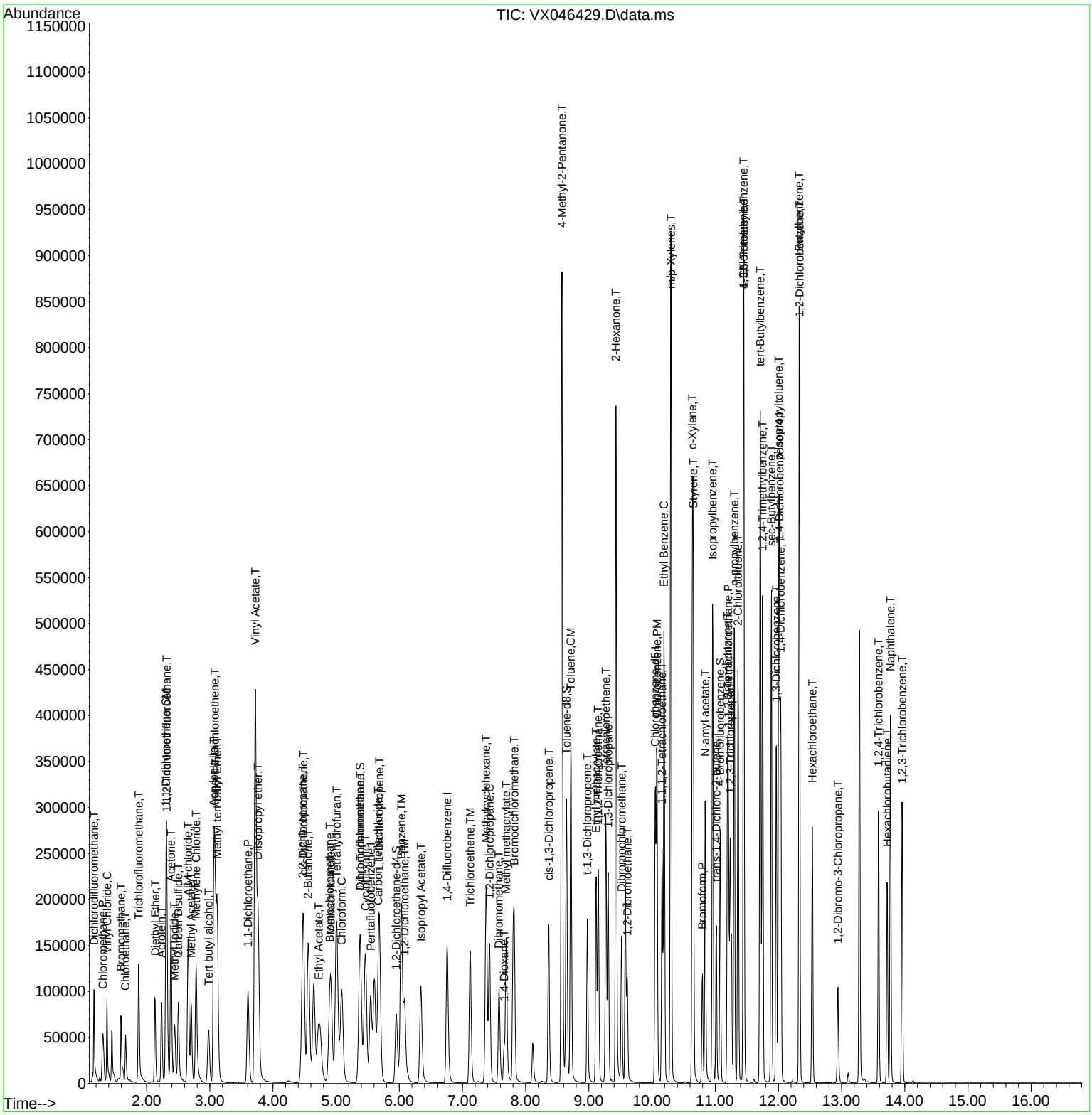
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Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

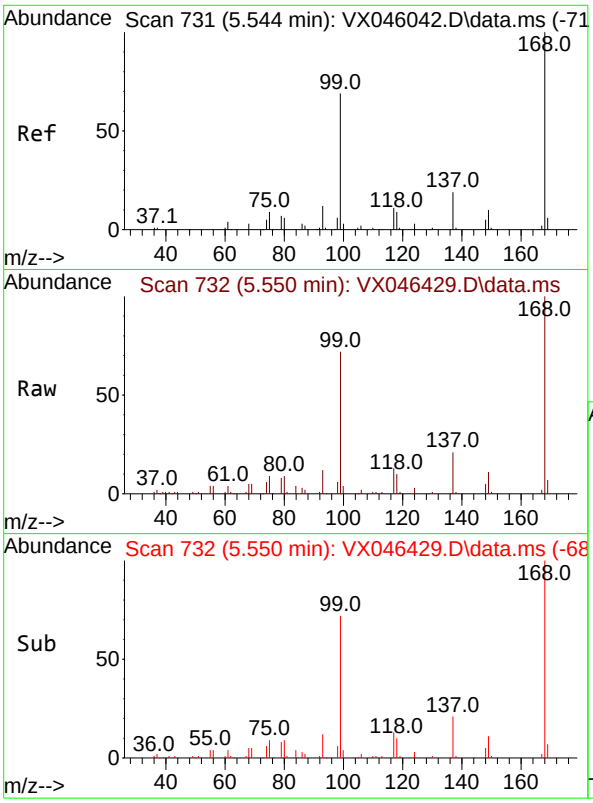
Quant Time: May 30 23:33:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

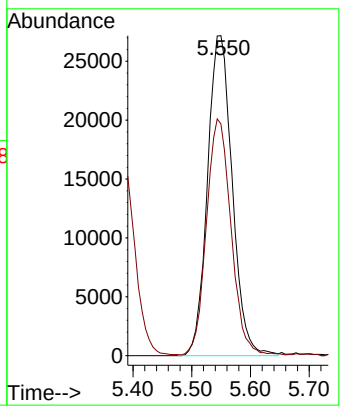




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:168 Resp: 7953

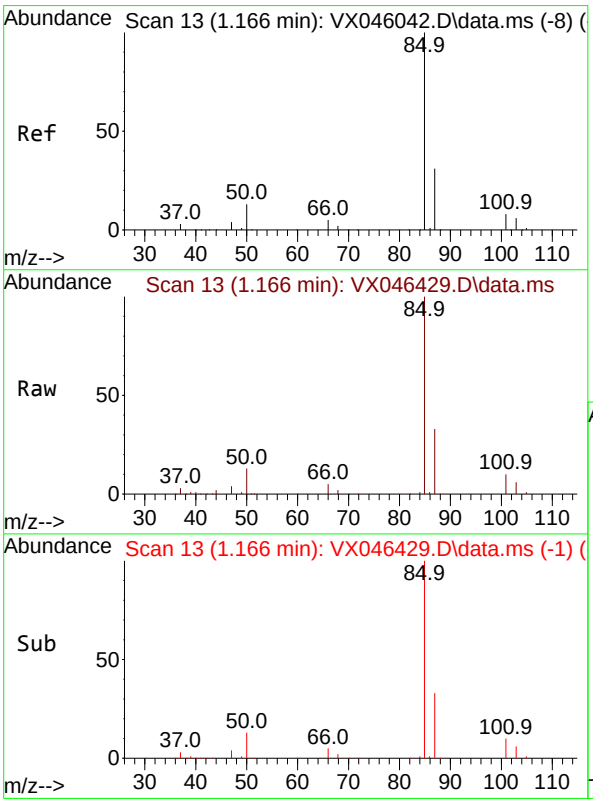
Ion	Ratio	Lower	Upper
168	100		
99	72.1	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

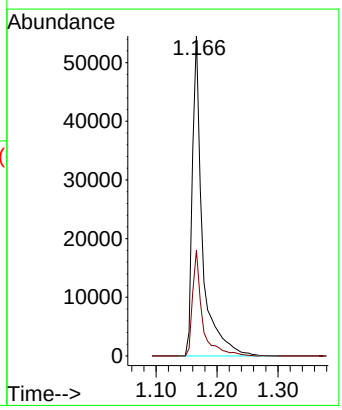
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

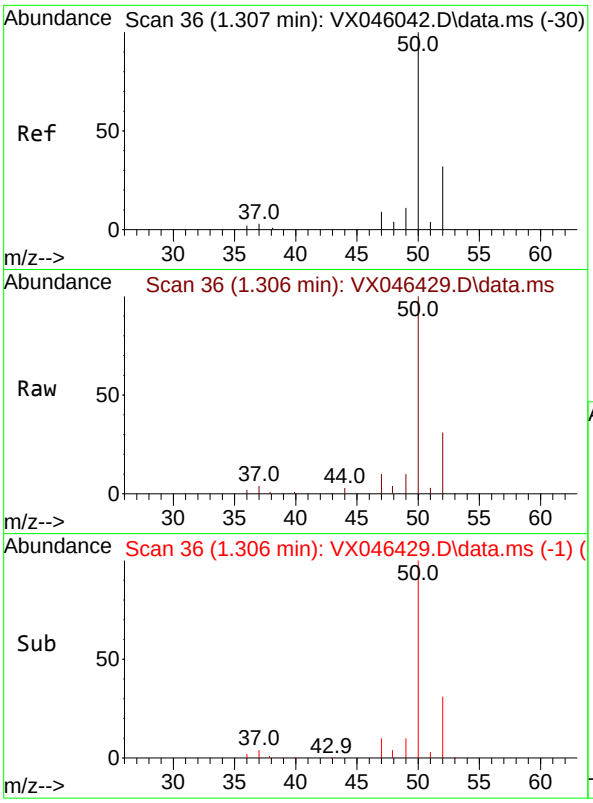


#2
Dichlorodifluoromethane
Concen: 51.275 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 85 Resp: 62420

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1

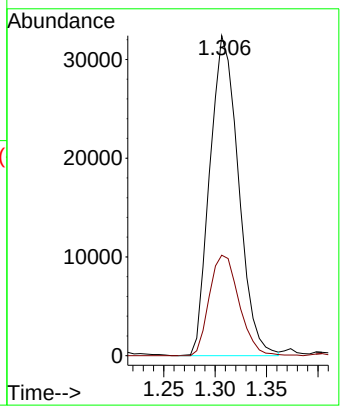




#3
Chloromethane
Concen: 53.237 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 50 Resp: 6284

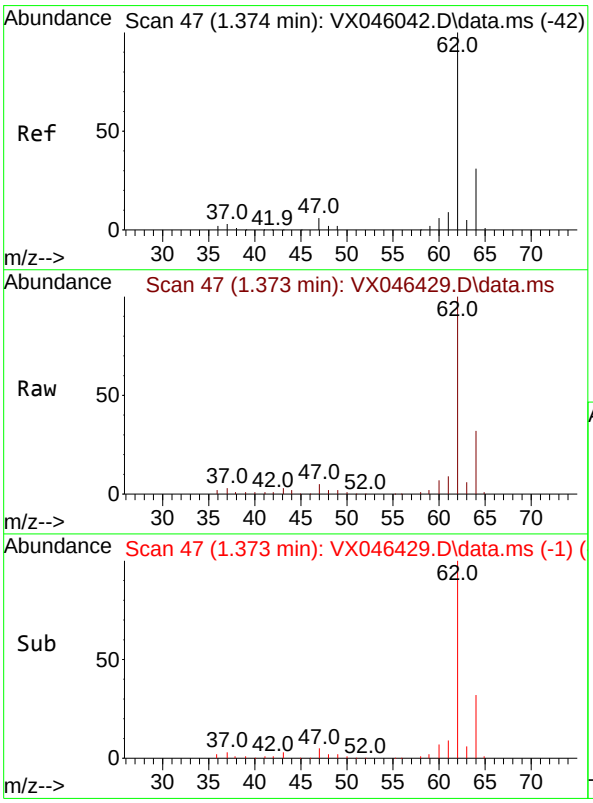
Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

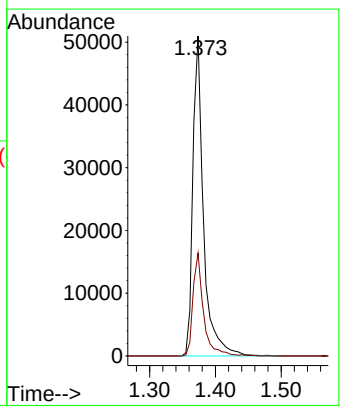
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

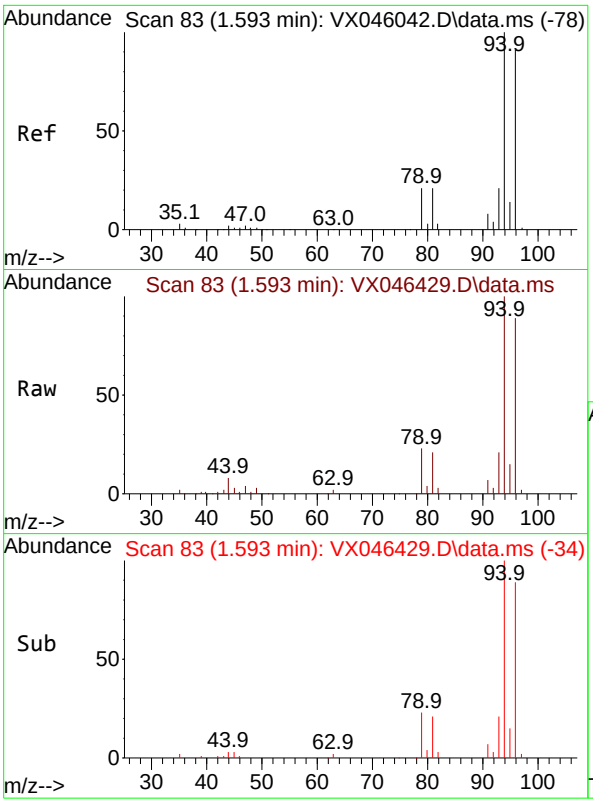


#4
Vinyl Chloride
Concen: 51.664 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 62 Resp: 56763

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.2	37.8





#5
Bromomethane
Concen: 50.634 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

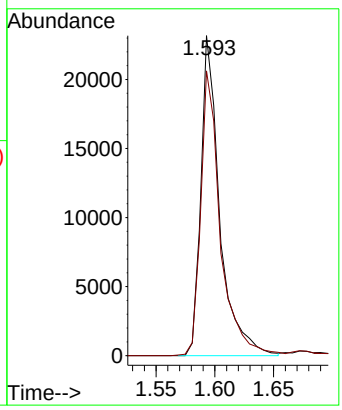
Tgt Ion: 94 Resp: 2580

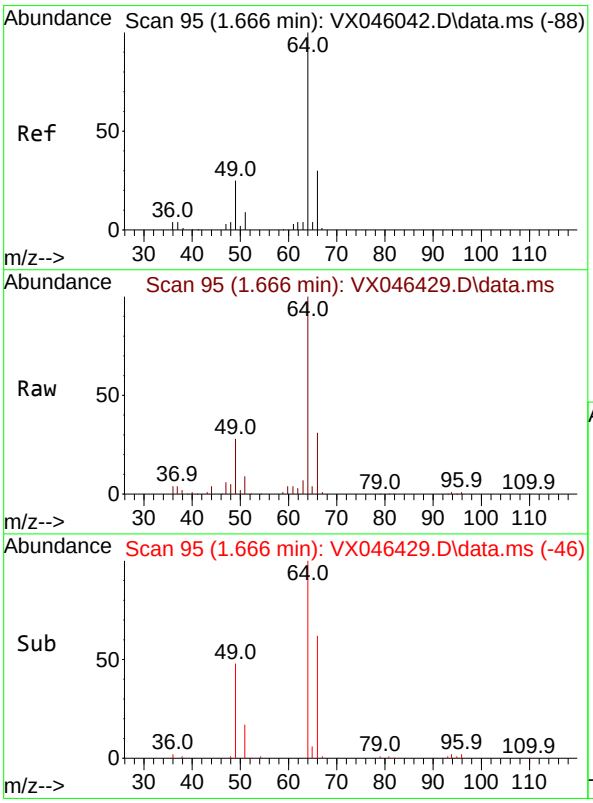
Ion	Ratio	Lower	Upper
94	100		
96	88.8	72.8	109.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

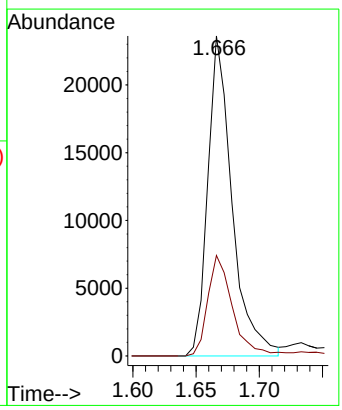


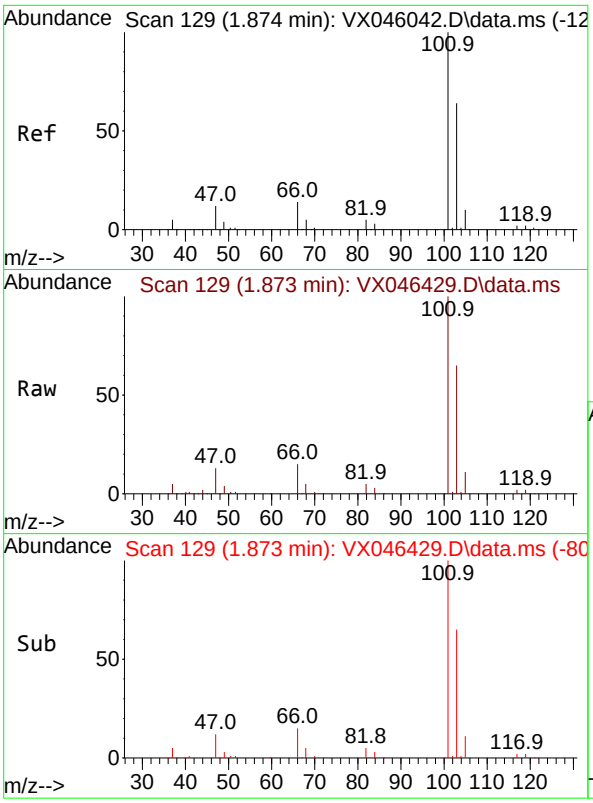


#6
Chloroethane
Concen: 53.688 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 64 Resp: 31490

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.3	36.5

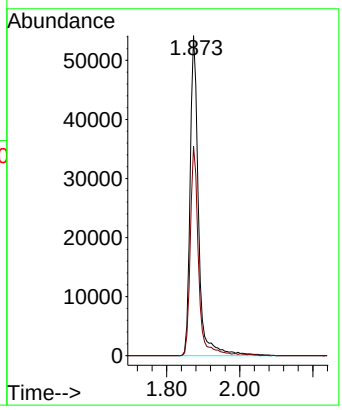




#7
Trichlorofluoromethane
Concen: 53.176 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:101 Resp: 8634

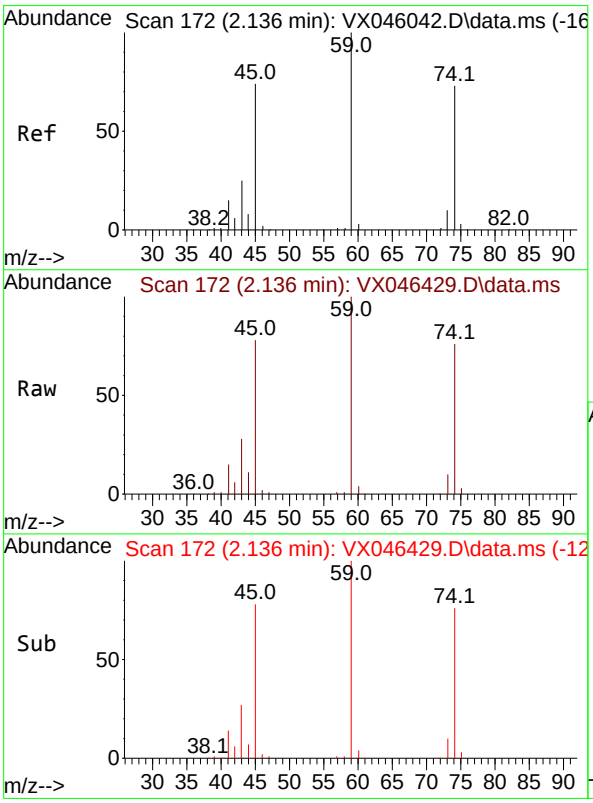
Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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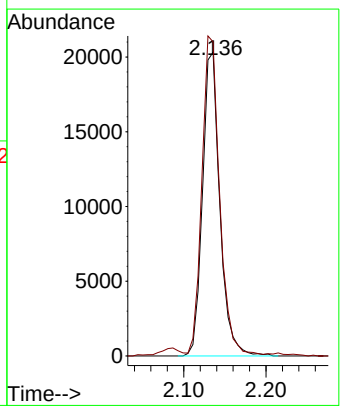
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

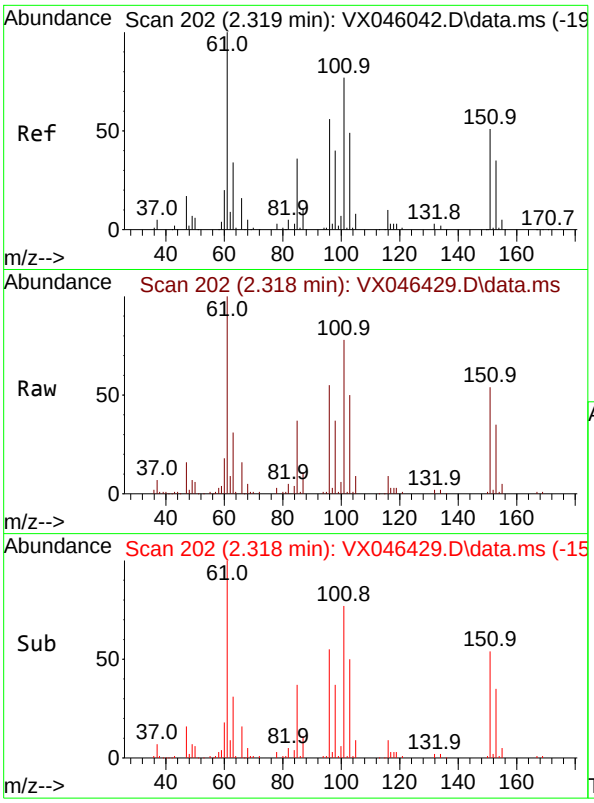


#8
Diethyl Ether
Concen: 53.775 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 74 Resp: 29725

Ion	Ratio	Lower	Upper
74	100		
45	106.7	54.9	164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.410 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

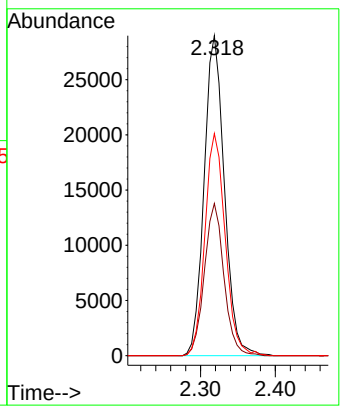
Tgt Ion:101 Resp: 5467

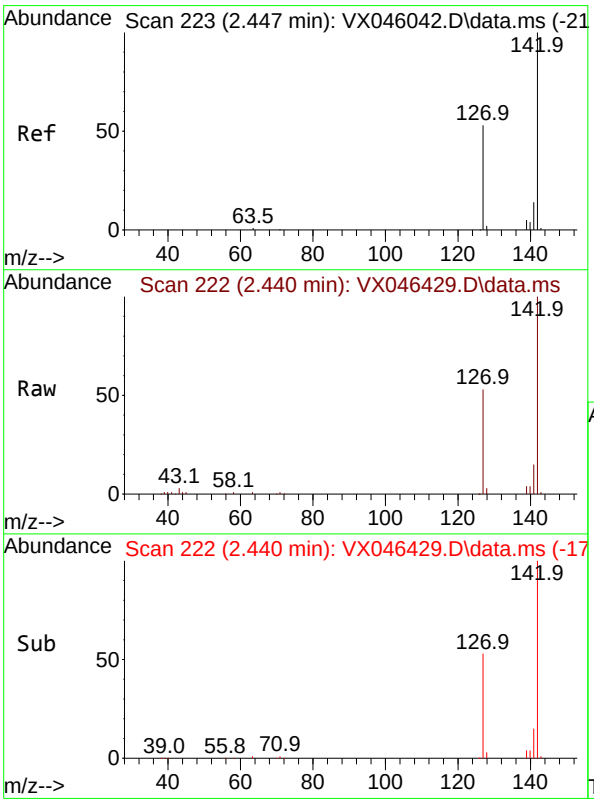
Ion	Ratio	Lower	Upper
101	100		
85	46.0	38.6	58.0
151	69.6	55.2	82.8

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

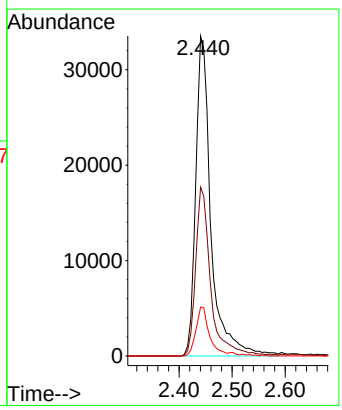


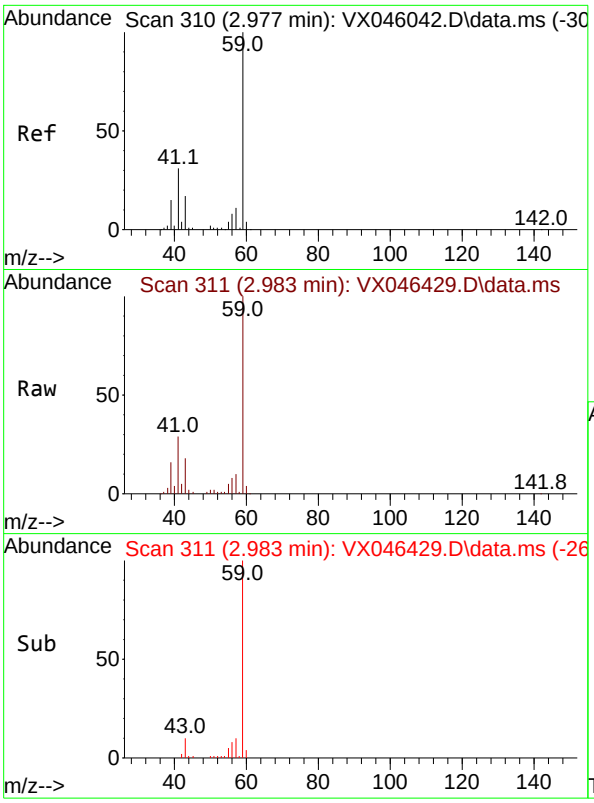


#10
Methyl Iodide
Concen: 56.362 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:142 Resp: 67016

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.7	62.5
141	14.3	11.5	17.3





#11
Tert butyl alcohol
Concen: 299.970 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

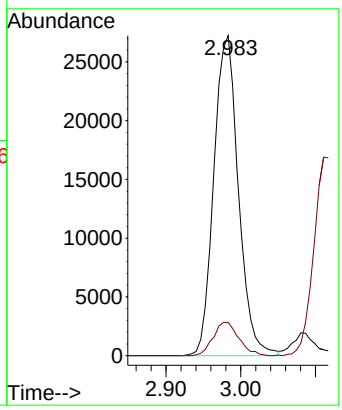
Tgt Ion: 59 Resp: 6243

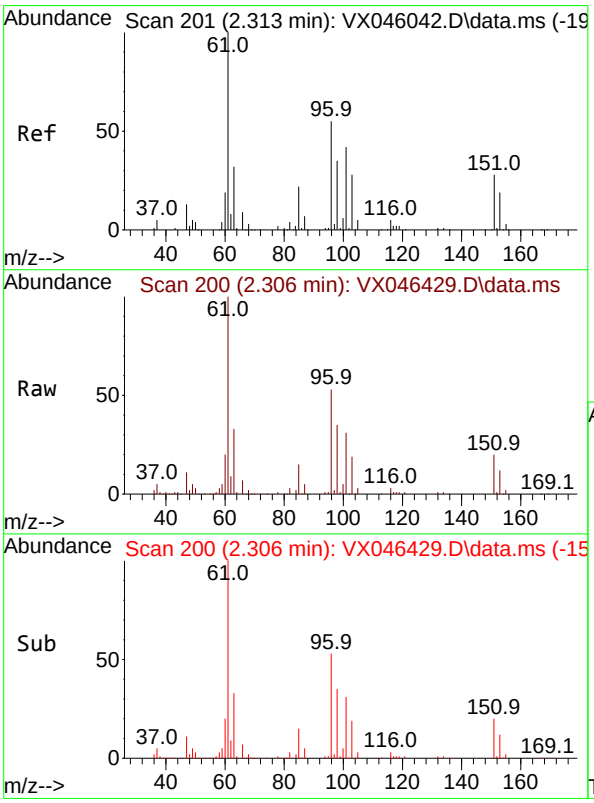
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

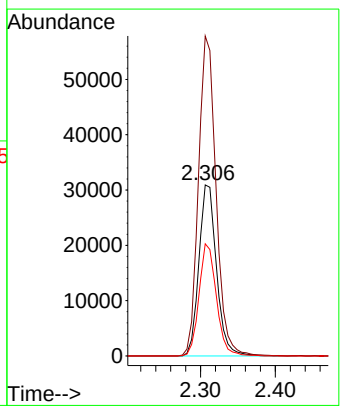


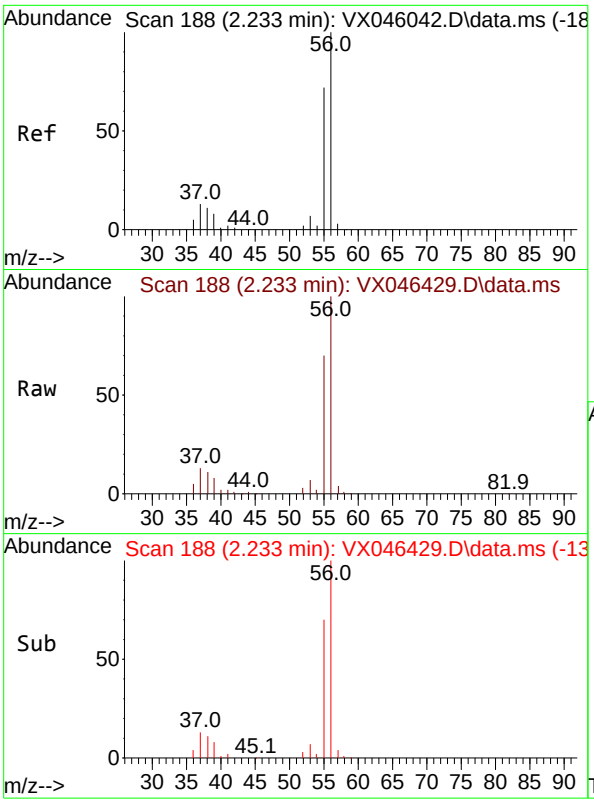


#12
1,1-Dichloroethene
Concen: 53.635 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 96 Resp: 50583

Ion	Ratio	Lower	Upper
96	100		
61	187.1	146.2	219.2
98	65.6	51.0	76.6

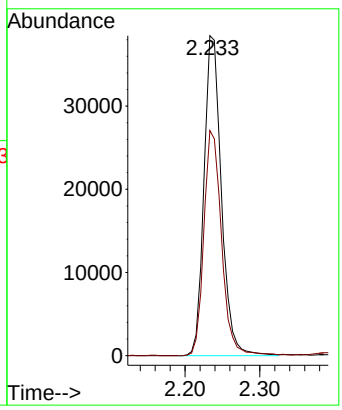




#13
Acrolein
Concen: 262.542 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 56 Resp: 6223

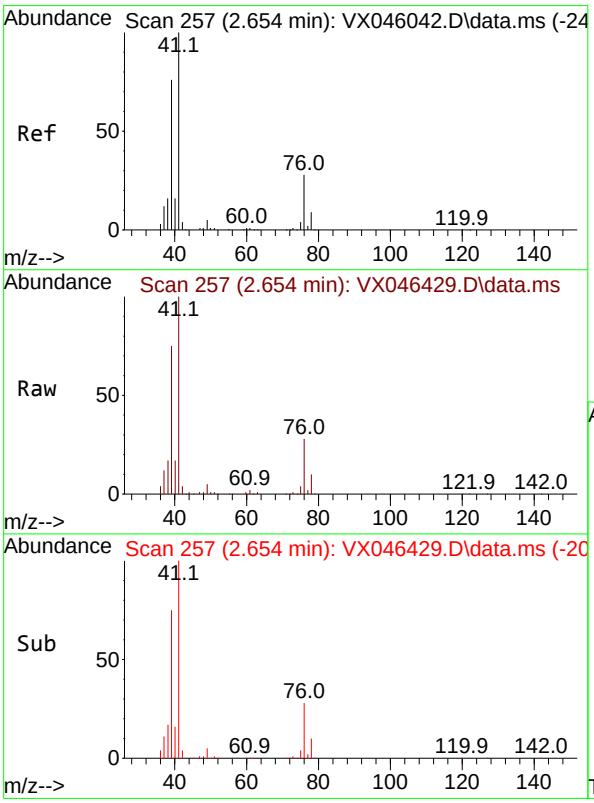
Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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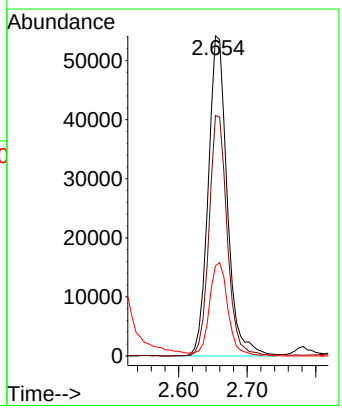
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

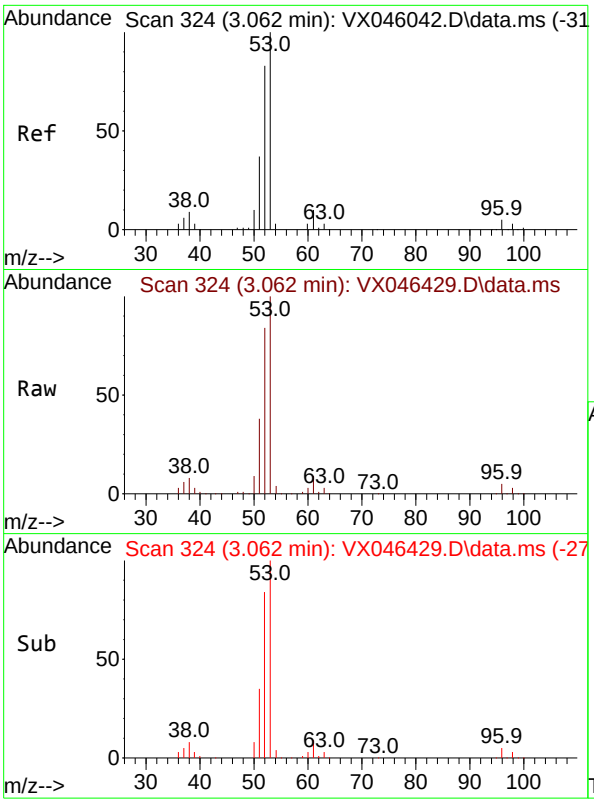


#14
Allyl chloride
Concen: 57.872 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 41 Resp: 104310

Ion	Ratio	Lower	Upper
41	100		
39	71.7	60.6	90.8
76	28.5	24.9	37.3

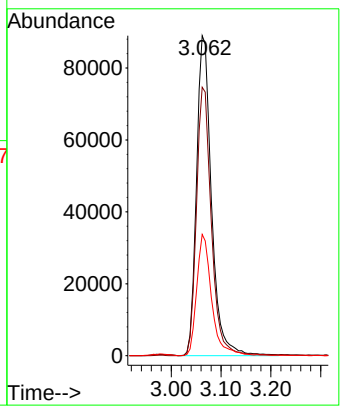




#15
Acrylonitrile
Concen: 312.049 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 53 Resp: 18572

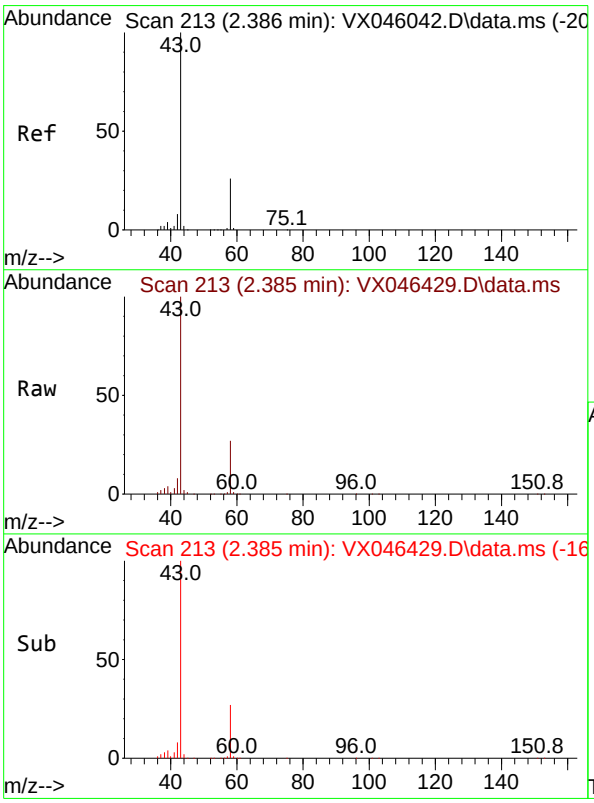
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.3	97.9
51	37.9	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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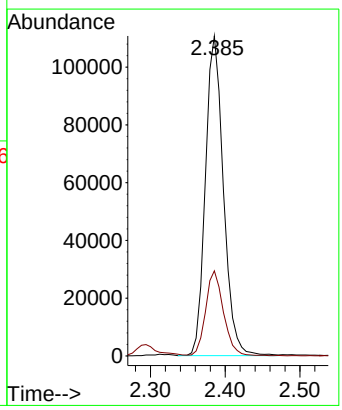
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

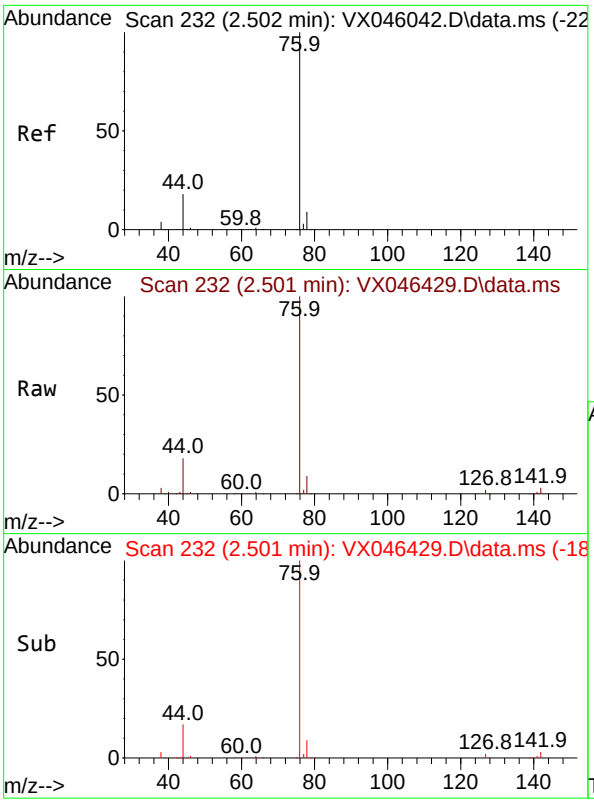


#16
Acetone
Concen: 311.884 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 185426

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.2	31.8





#17
Carbon Disulfide
Concen: 48.600 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

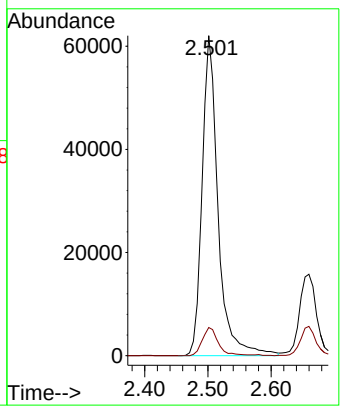
Tgt Ion: 76 Resp: 10866

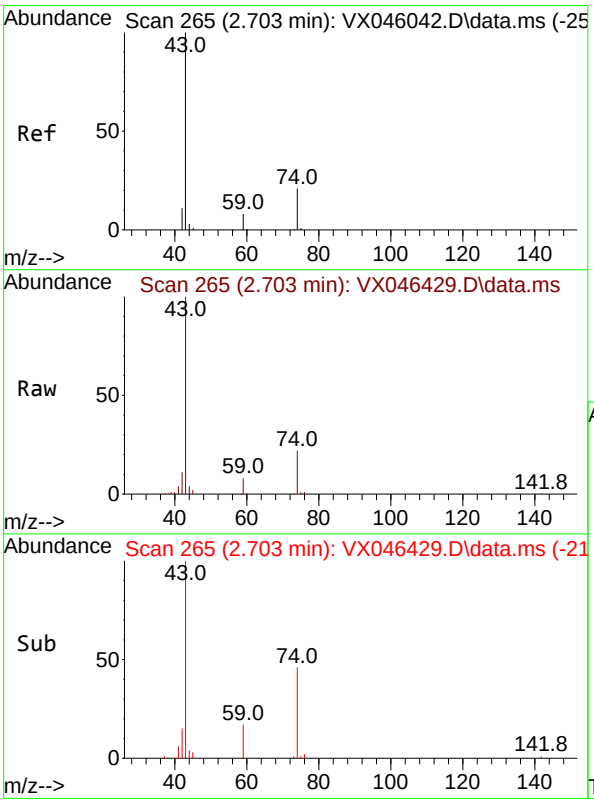
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

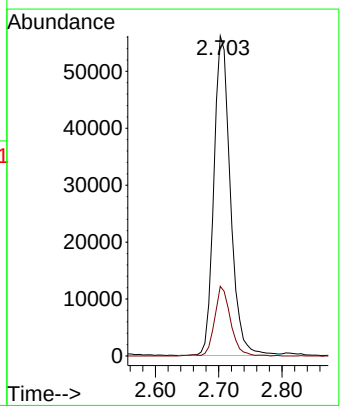


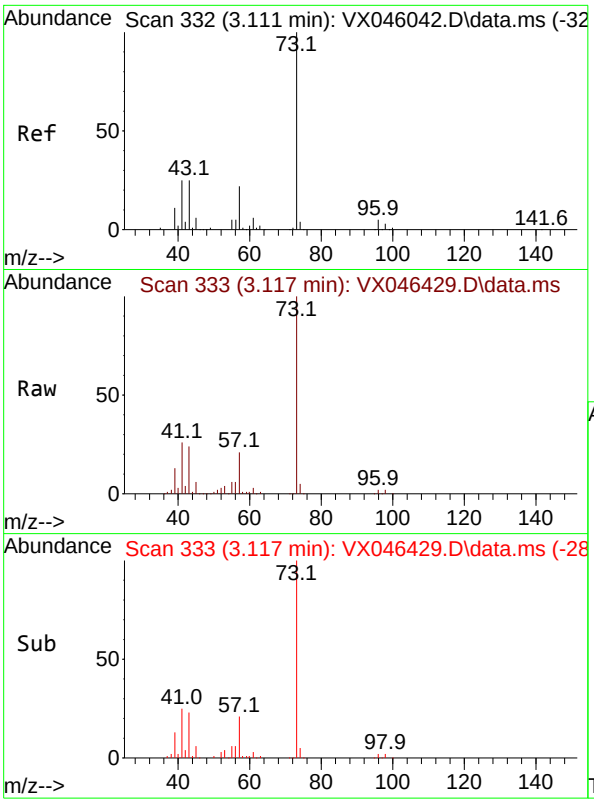


#18
Methyl Acetate
Concen: 73.609 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 101553

Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1

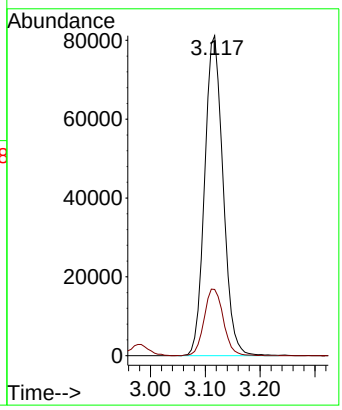




#19
Methyl tert-butyl Ether
Concen: 57.199 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 73 Resp: 18912

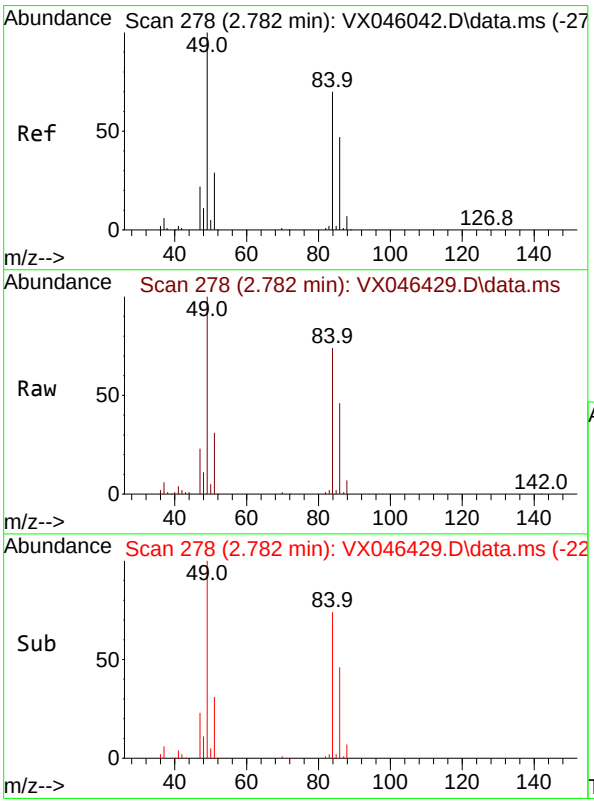
Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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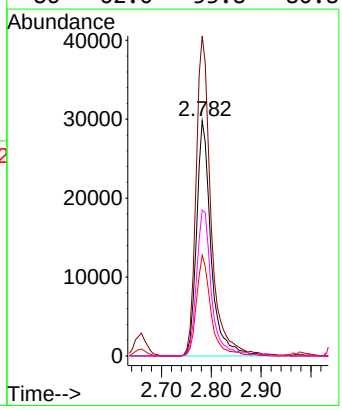
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

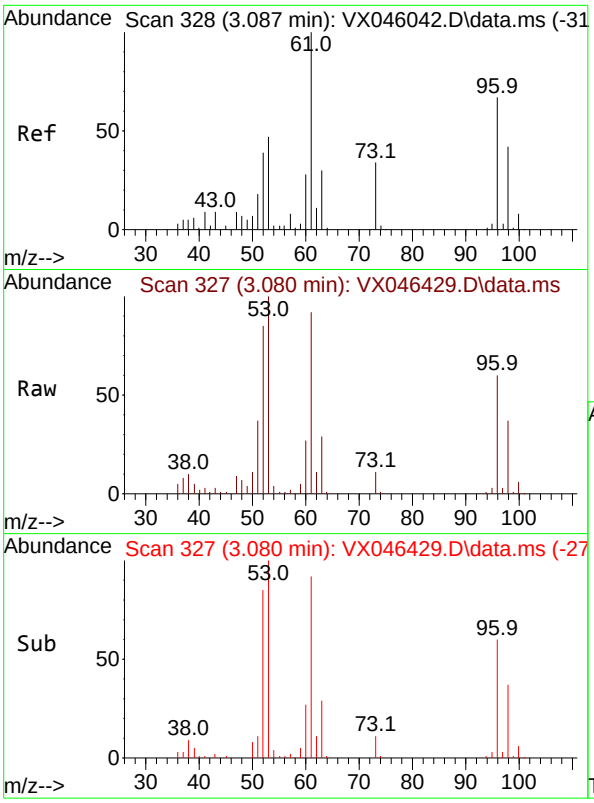


#20
Methylene Chloride
Concen: 52.926 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 84 Resp: 60300

Ion	Ratio	Lower	Upper
84	100		
49	136.0	113.9	170.9
51	42.8	33.5	50.3
86	62.0	53.8	80.8

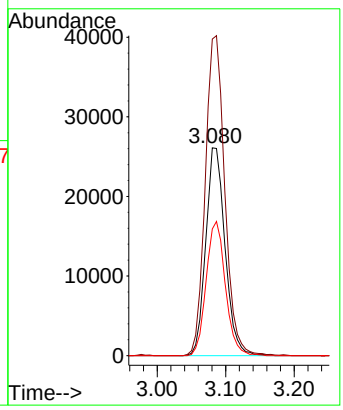




#21
trans-1,2-Dichloroethene
Concen: 53.979 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 96 Resp: 5119

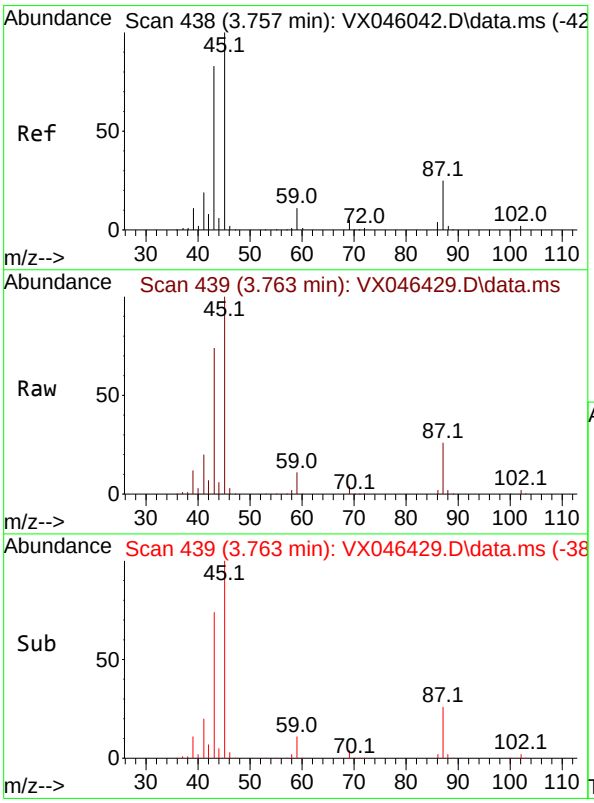
Ion	Ratio	Lower	Upper
96	100		
61	152.3	119.5	179.3
98	60.9	50.0	75.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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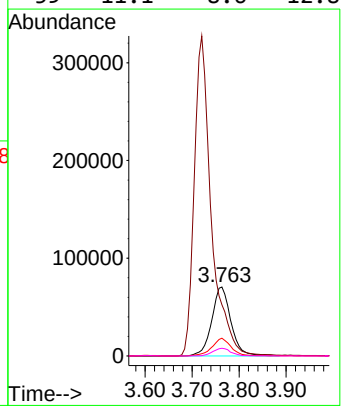
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

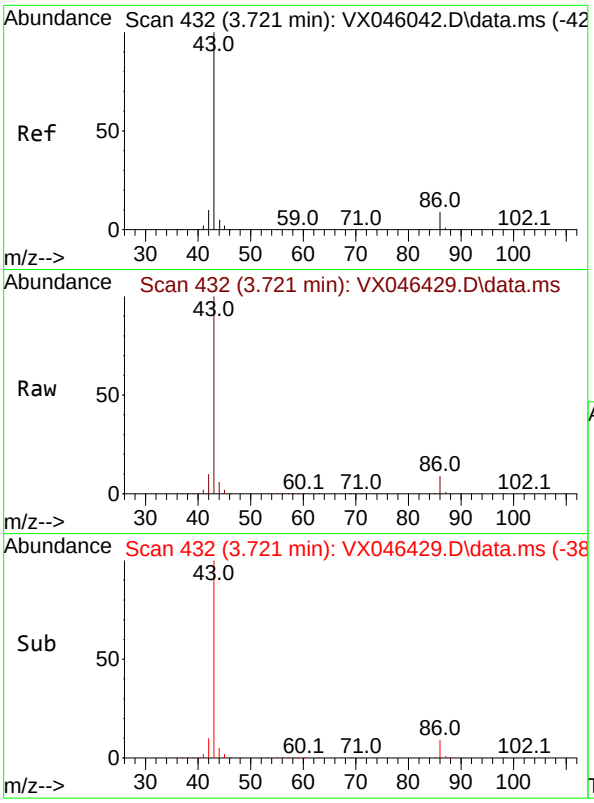


#22
Diisopropyl ether
Concen: 57.479 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 45 Resp: 200122

Ion	Ratio	Lower	Upper
45	100		
43	73.9	66.6	100.0
87	25.8	19.8	29.6
59	11.1	8.6	12.8

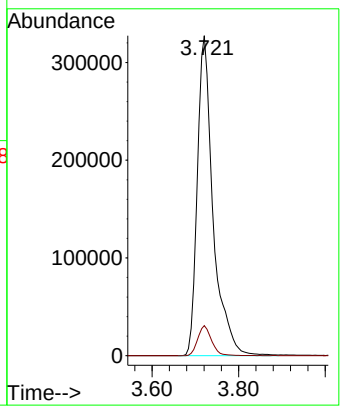




#23
Vinyl Acetate
Concen: 270.616 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 82869

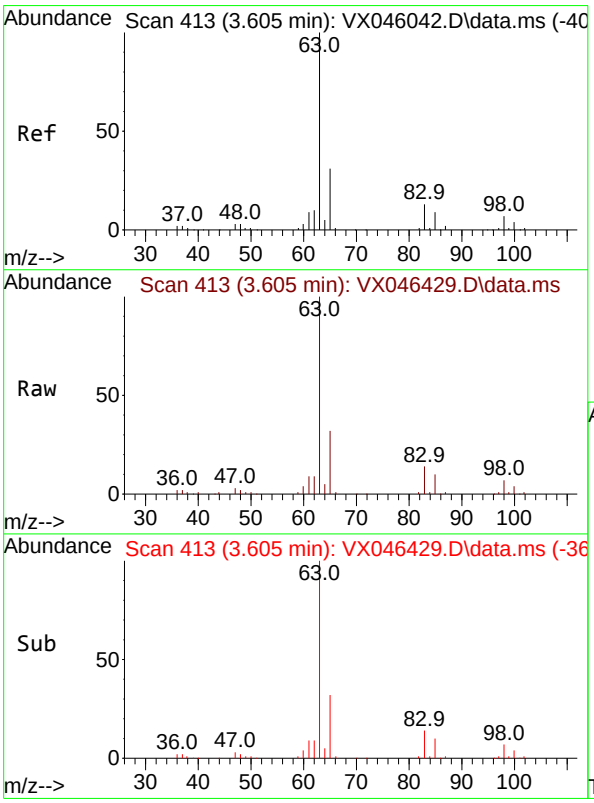
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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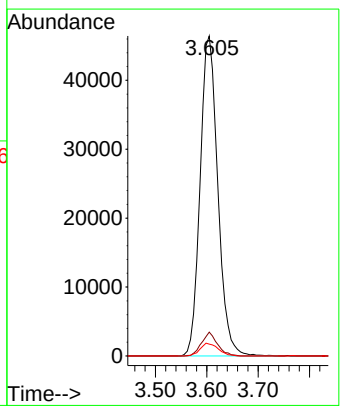
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

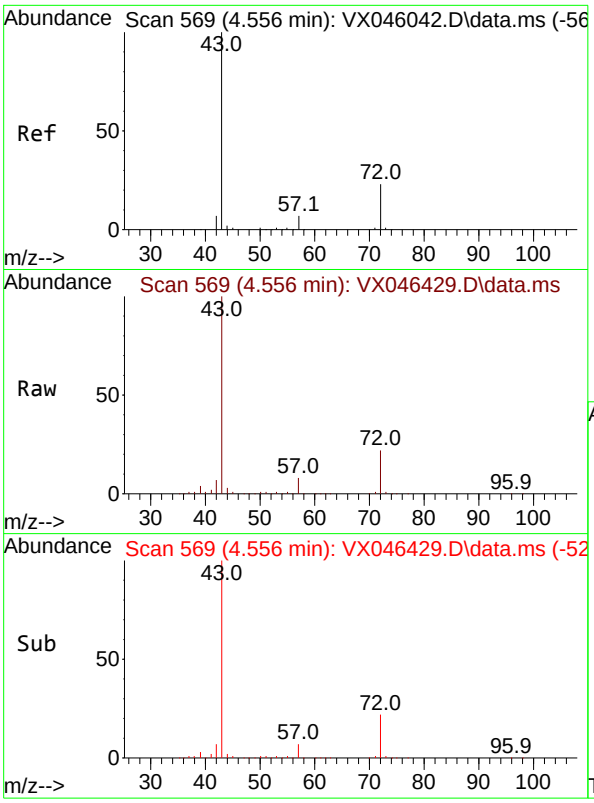


#24
1,1-Dichloroethane
Concen: 57.233 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 63 Resp: 110986

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	3.7	2.1	6.3

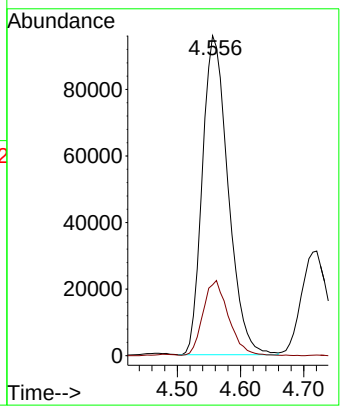




#25
2-Butanone
Concen: 314.948 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 27184

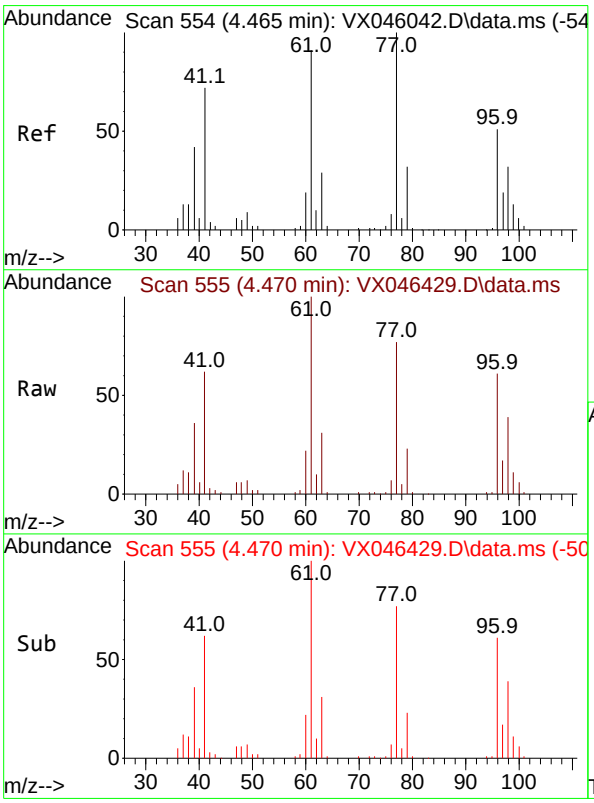
Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

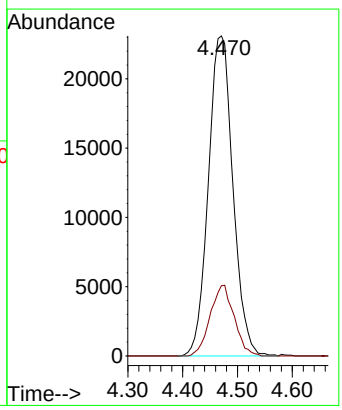
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

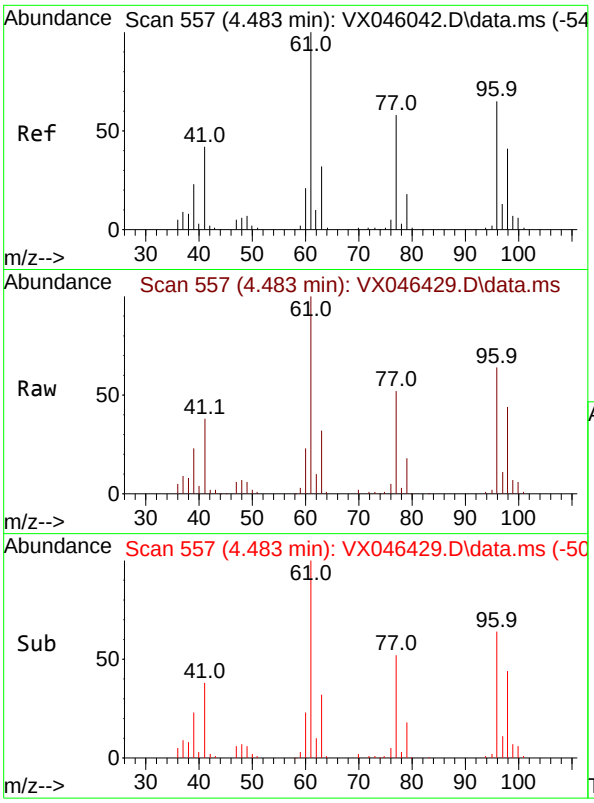


#26
2,2-Dichloropropane
Concen: 47.346 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 77 Resp: 71863

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5





#27
cis-1,2-Dichloroethene
Concen: 55.906 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

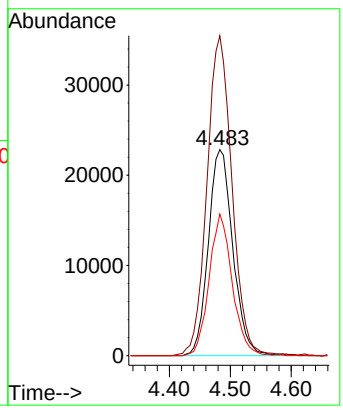
Tgt Ion: 96 Resp: 6383

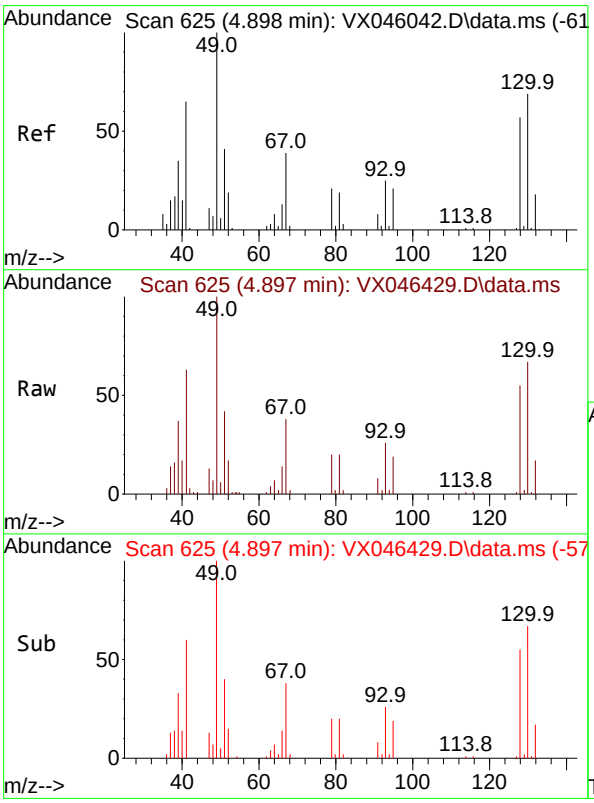
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	322.8
98	64.8	0.0	129.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

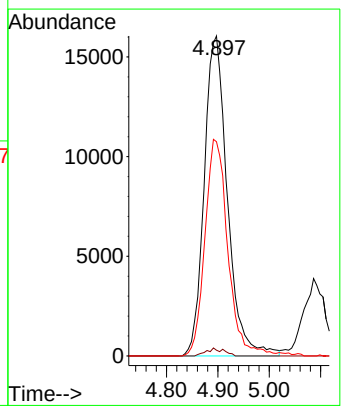


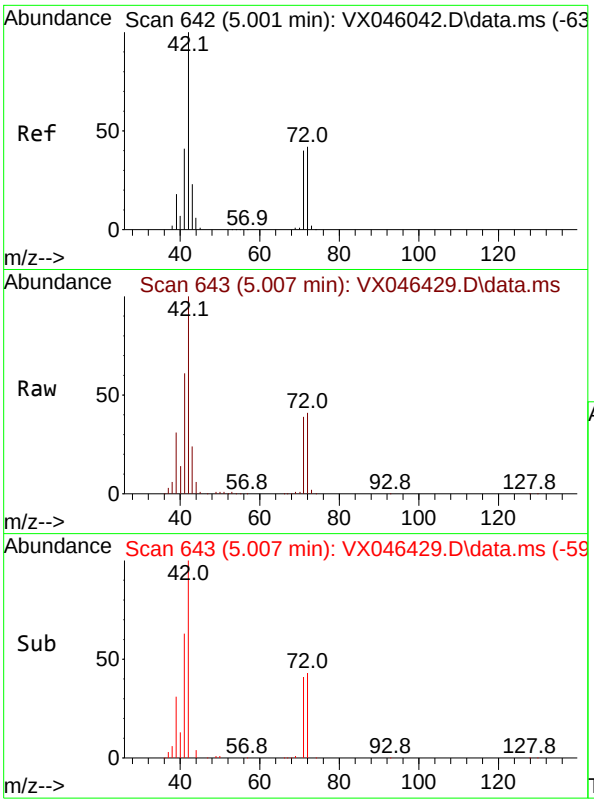


#28
Bromochloromethane
Concen: 53.874 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 49 Resp: 50288

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	66.8	56.2	84.2





#29
Tetrahydrofuran
Concen: 308.392 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

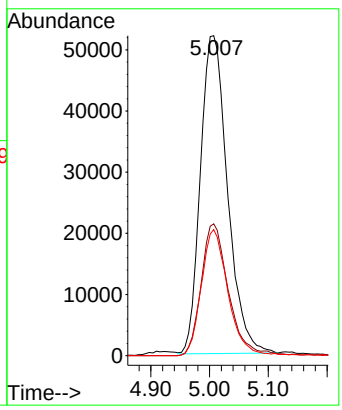
Tgt Ion: 42 Resp: 16679

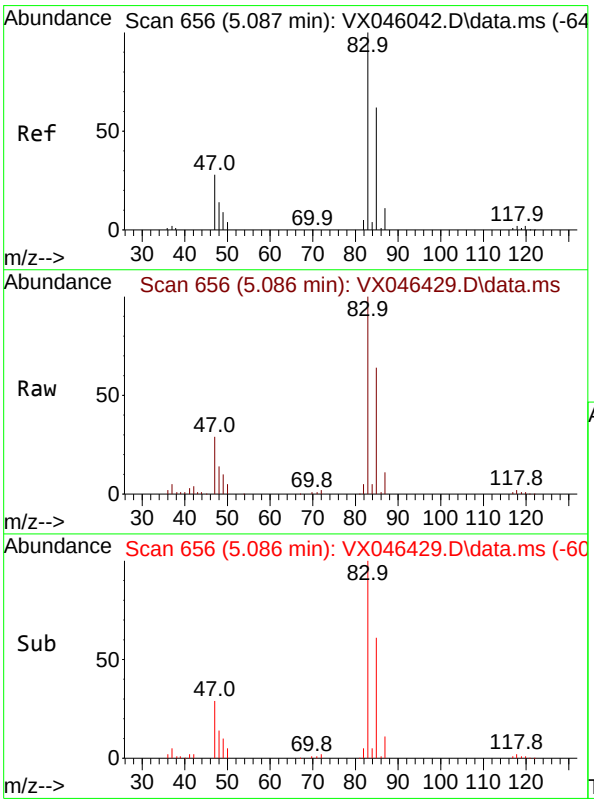
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.9	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

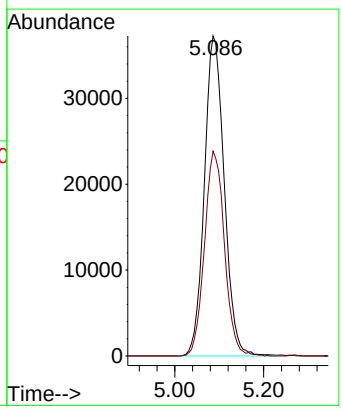


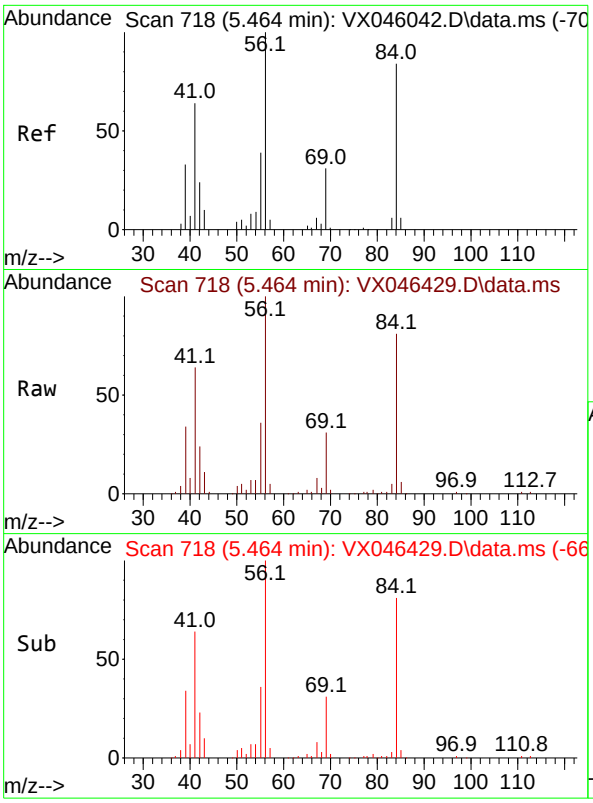


#30
Chloroform
Concen: 57.351 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 115922

Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.3	73.9

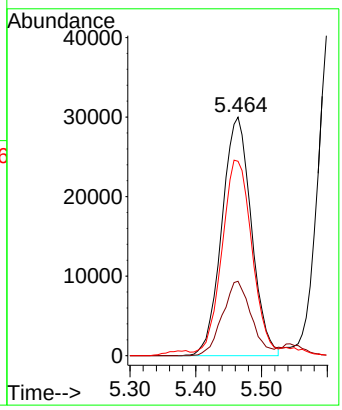




#31
Cyclohexane
Concen: 52.949 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 56 Resp: 9356

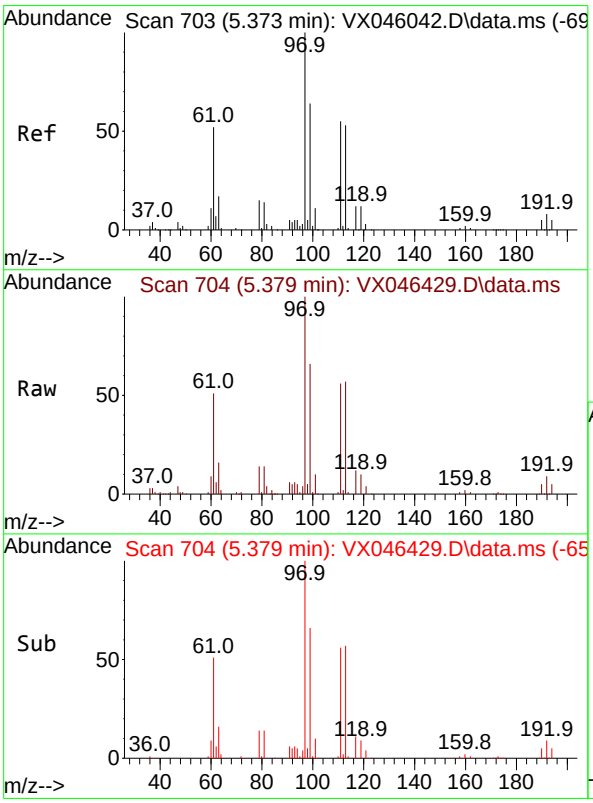
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	79.4	66.9	100.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

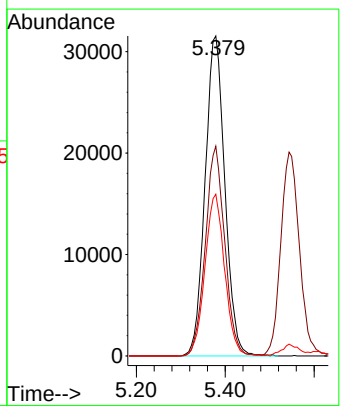
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

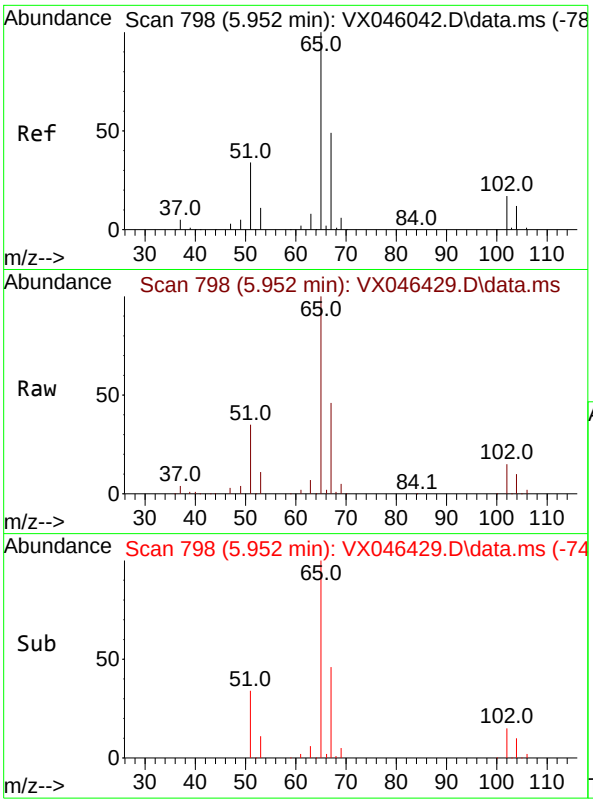


#32
1,1,1-Trichloroethane
Concen: 55.704 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 97 Resp: 97601

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	50.5	40.1	60.1

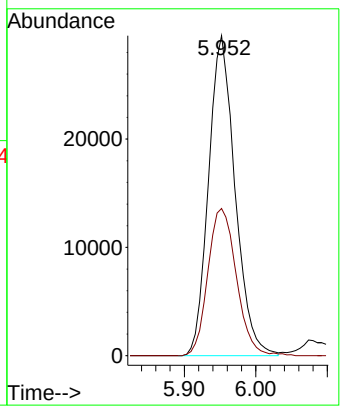




#33
1,2-Dichloroethane-d4
Concen: 51.279 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 65 Resp: 7603

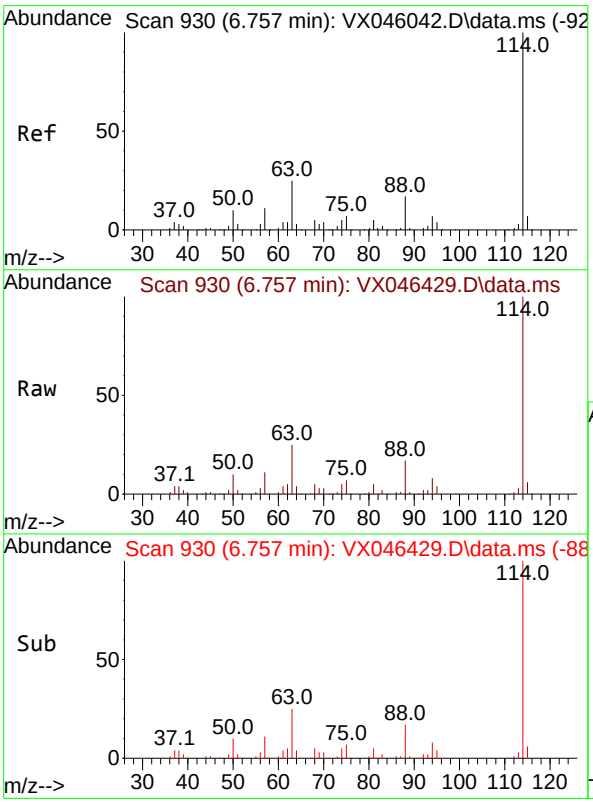
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

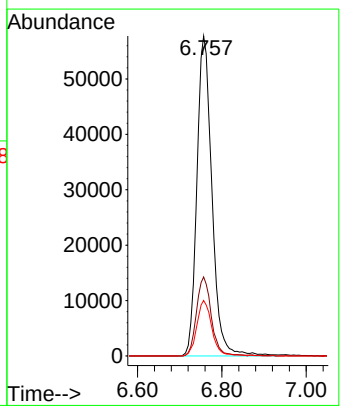
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

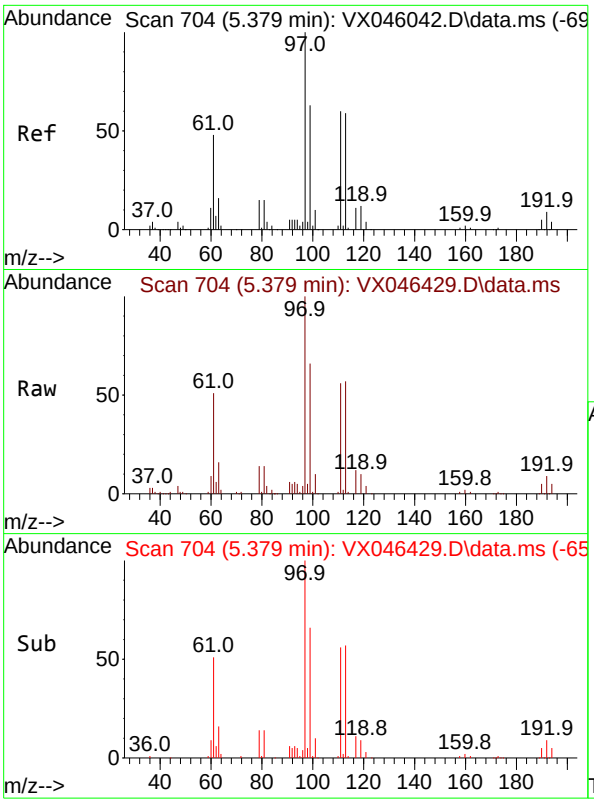


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:114 Resp: 143606

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.4	0.0	33.6

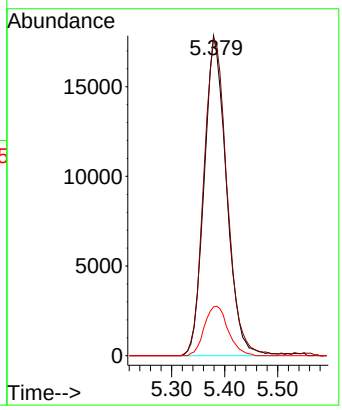




#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:113 Resp: 5226

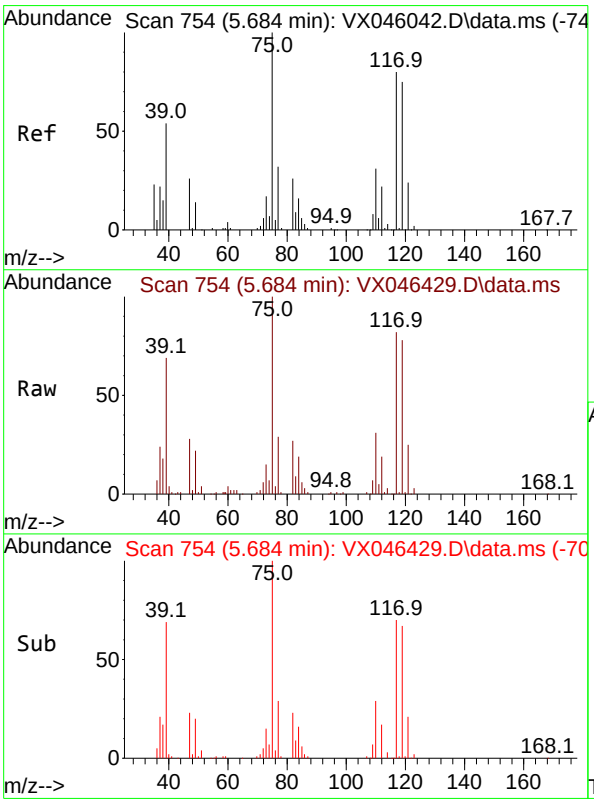
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	16.4	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

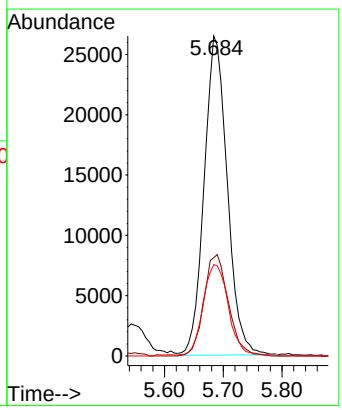
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

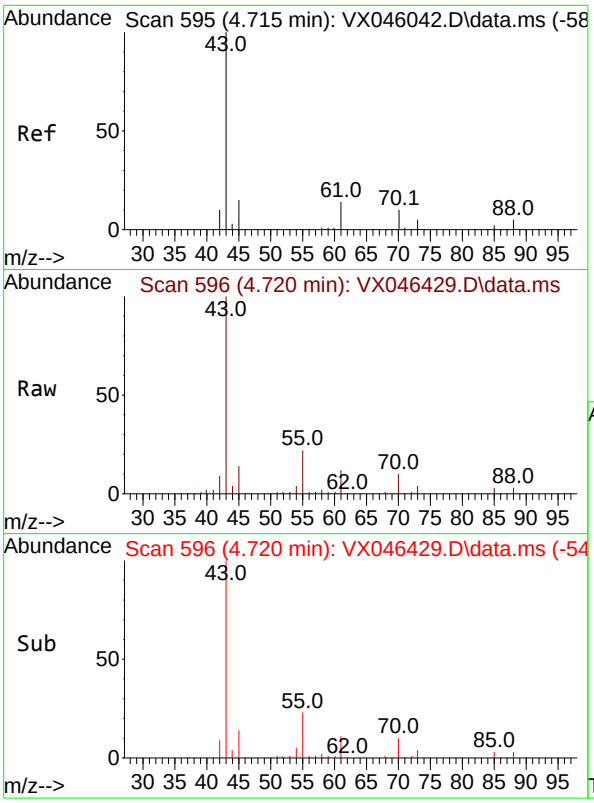


#36
1,1-Dichloropropene
Concen: 52.085 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 72369

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.3	48.9
77	31.5	24.3	36.5





#37
Ethyl Acetate
Concen: 55.065 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

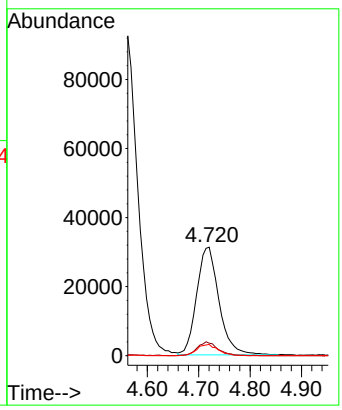
Tgt Ion: 43 Resp: 9452

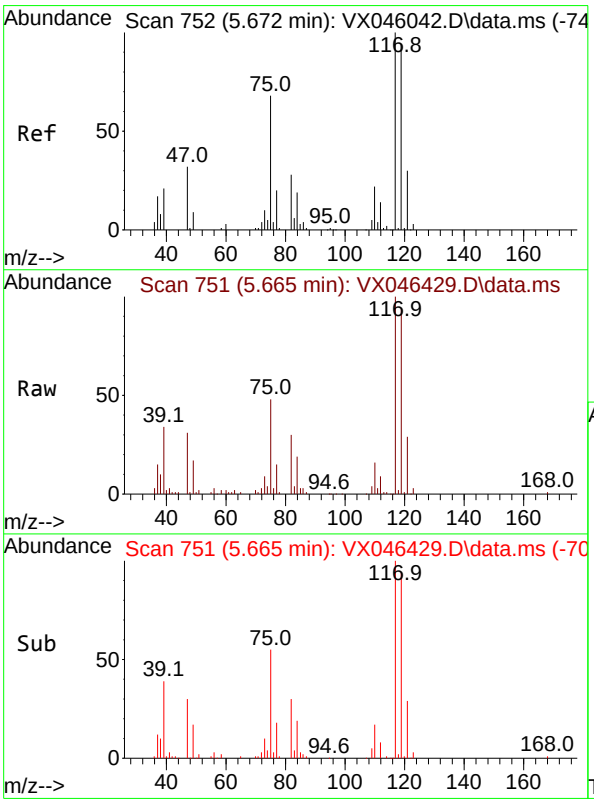
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.3	15.5
70	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

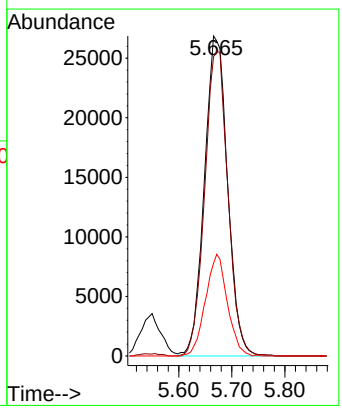


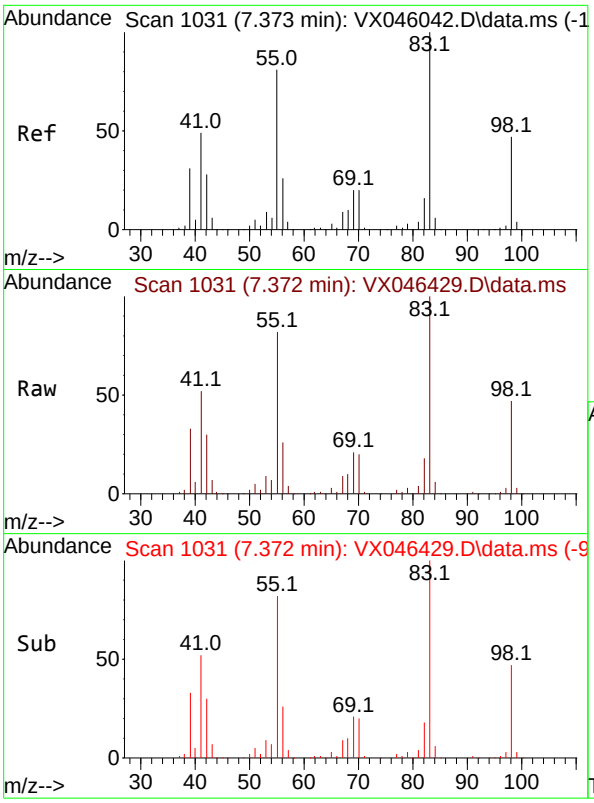


#38
Carbon Tetrachloride
Concen: 52.306 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:117 Resp: 81657

Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.2	112.8
121	29.0	24.2	36.4

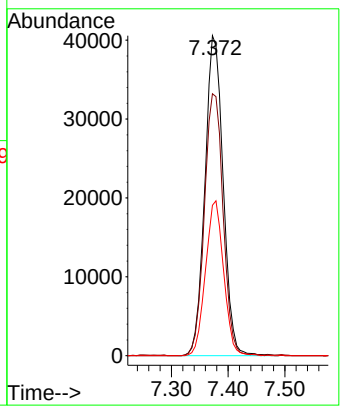




#39
Methylcyclohexane
Concen: 50.716 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 9072

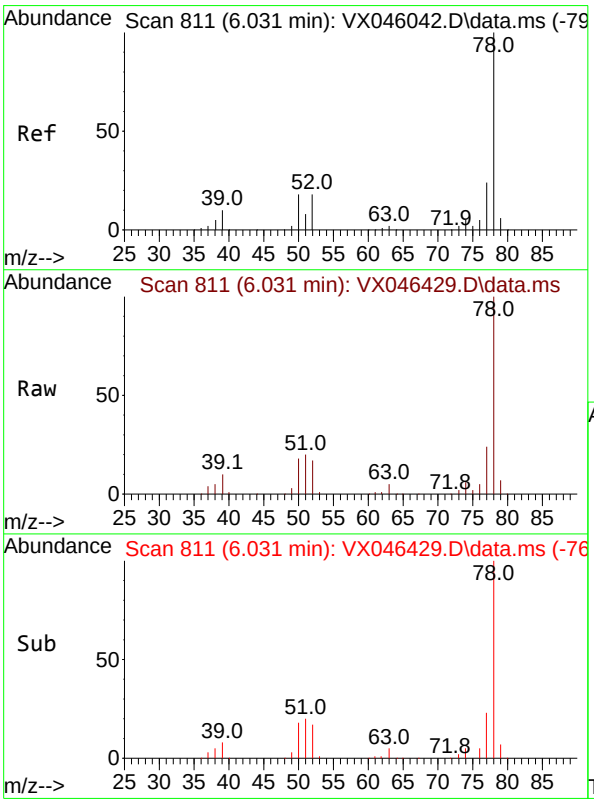
Ion	Ratio	Lower	Upper
83	100		
55	81.8	64.7	97.1
98	47.0	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

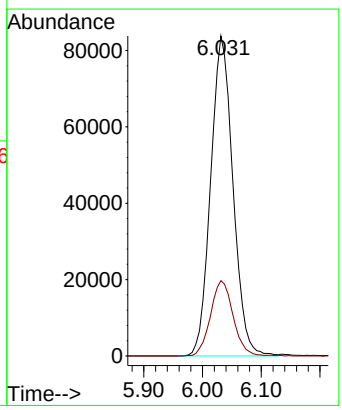
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

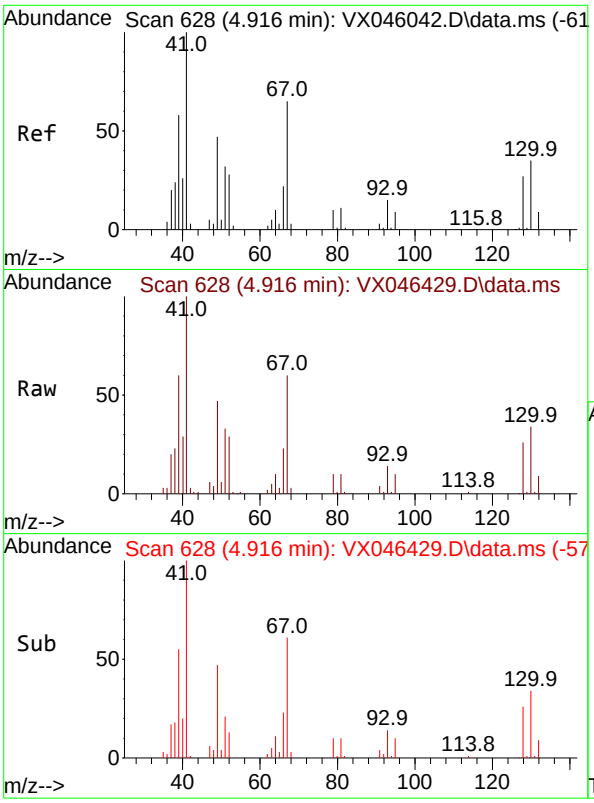


#40
Benzene
Concen: 54.275 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 78 Resp: 220887

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4

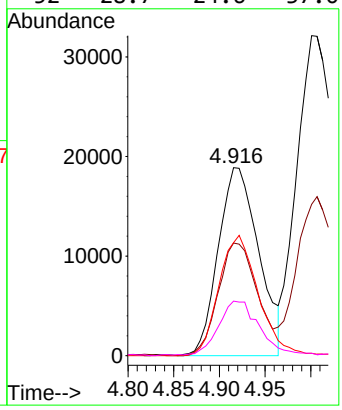




#41
Methacrylonitrile
Concen: 64.902 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 41 Resp: 5828

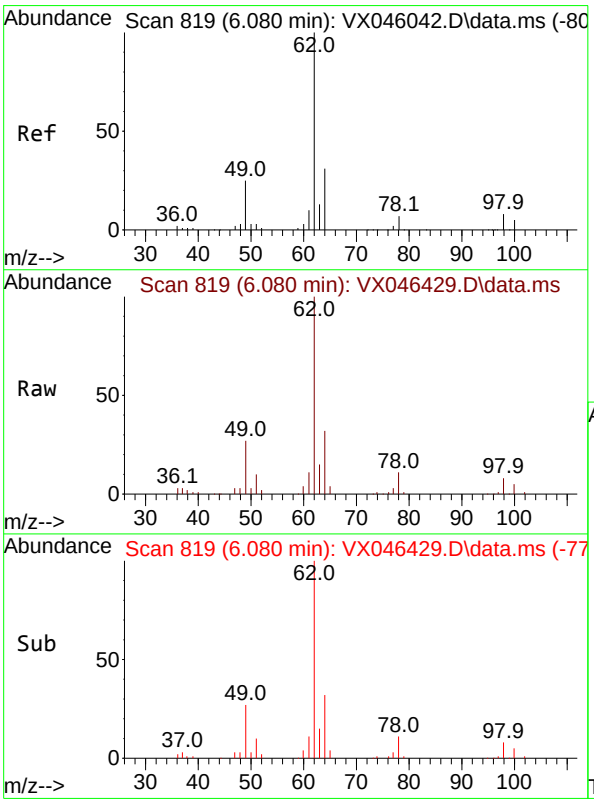
Ion	Ratio	Lower	Upper
41	100		
39	57.3	47.2	70.8
67	62.2	50.7	76.1
52	28.7	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

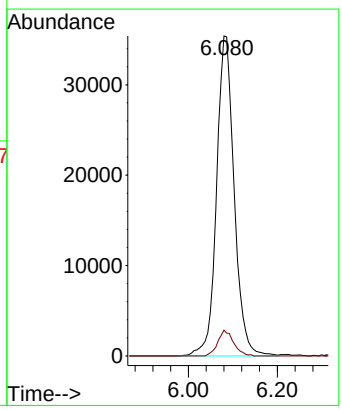
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

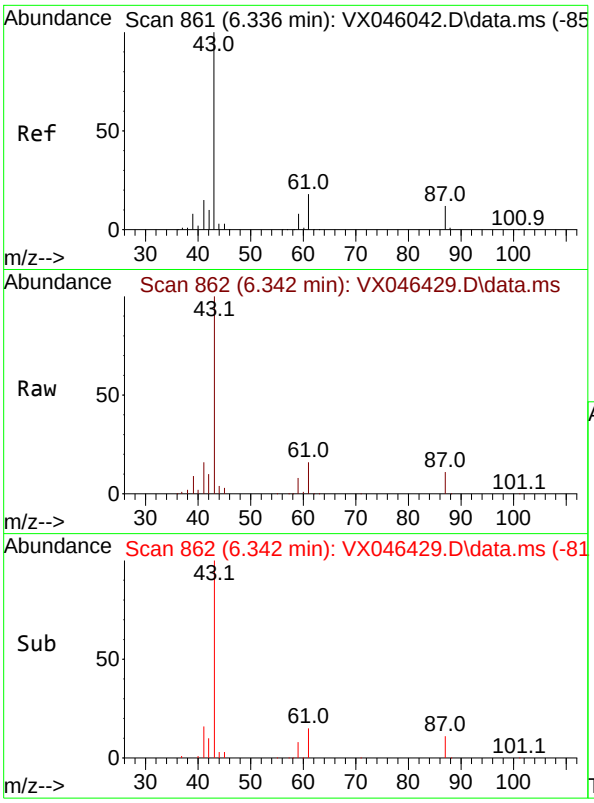


#42
1,2-Dichloroethane
Concen: 55.305 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 62 Resp: 97143

Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.2

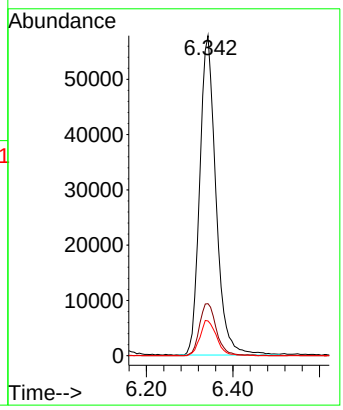




#43
Isopropyl Acetate
Concen: 57.379 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 15026

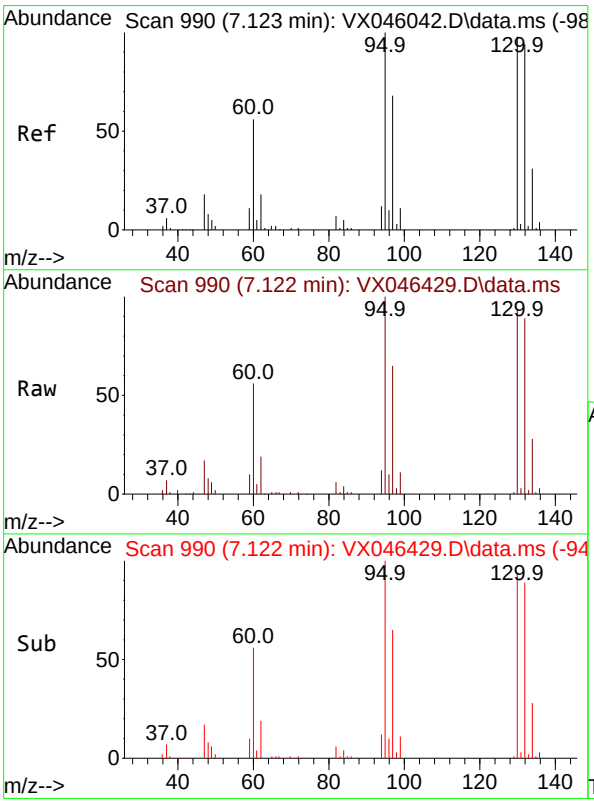
Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.3	21.5
87	11.3	9.5	14.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

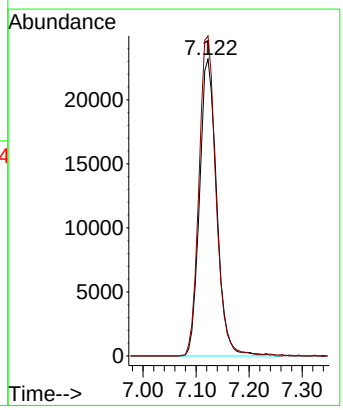
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

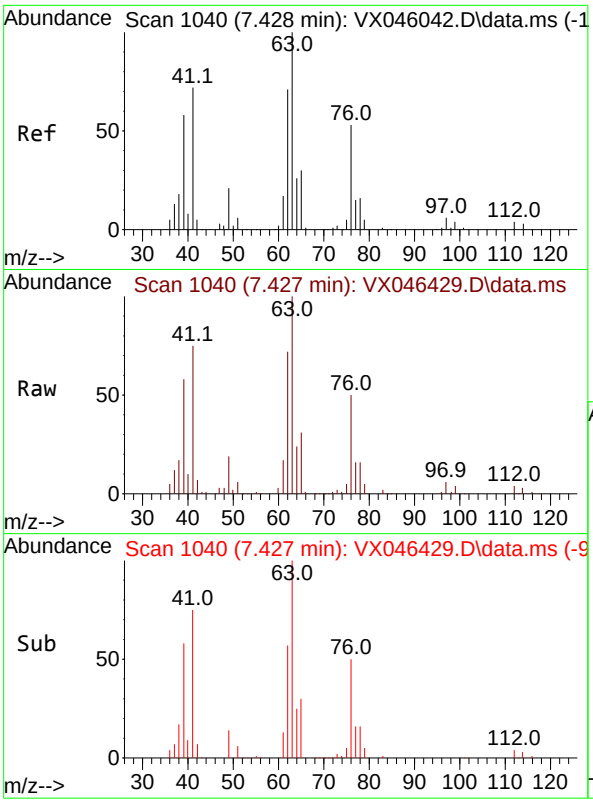


#44
Trichloroethene
Concen: 53.246 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:130 Resp: 52156

Ion	Ratio	Lower	Upper
130	100		
95	107.8	0.0	204.2

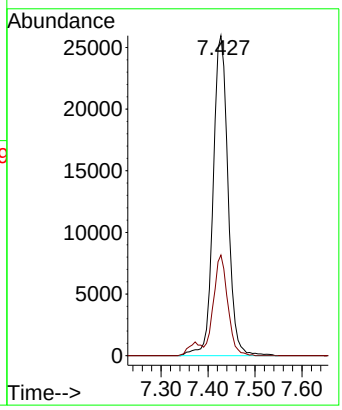




#45
1,2-Dichloropropane
Concen: 56.250 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 63 Resp: 5692

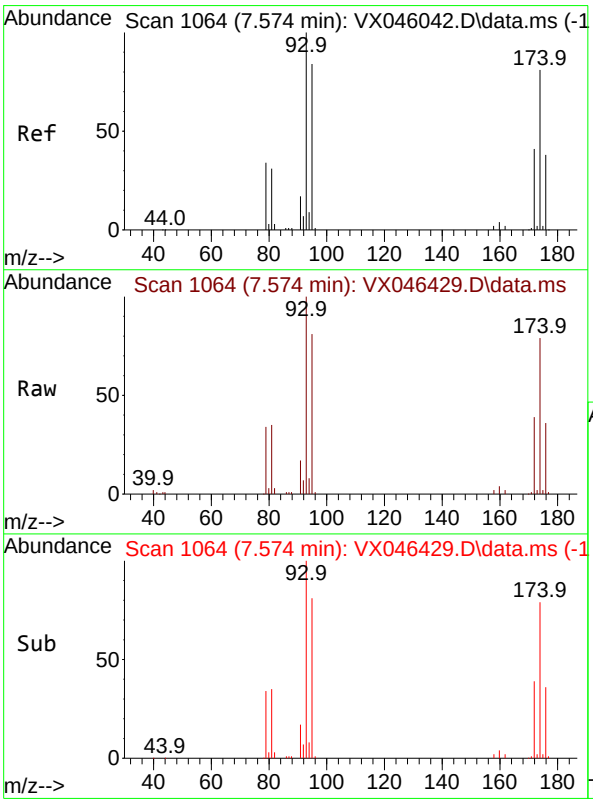
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

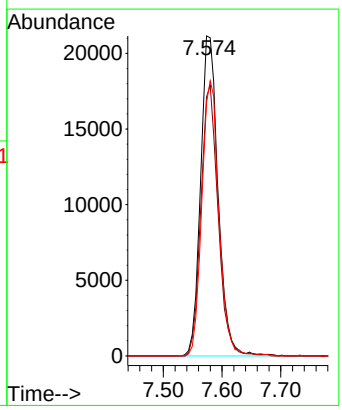
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

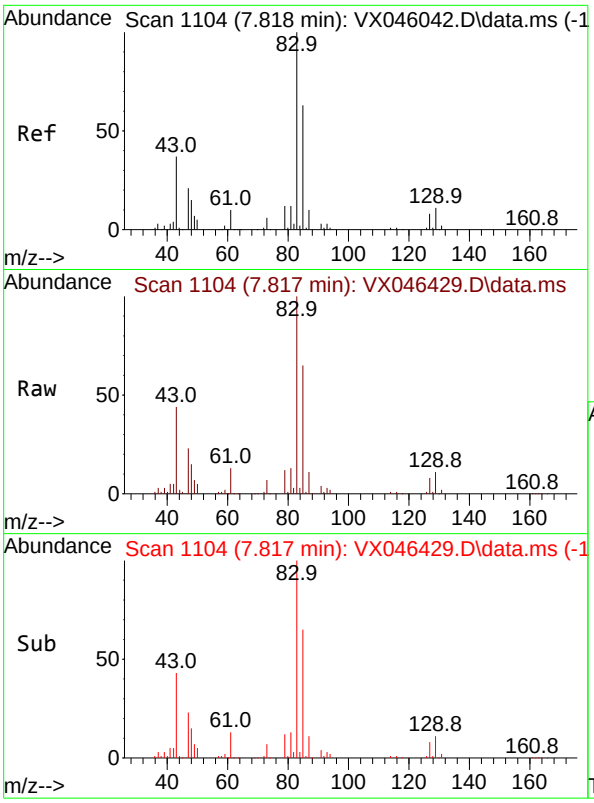


#46
Dibromomethane
Concen: 54.848 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 93 Resp: 43777

Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.6	98.4
174	83.7	68.2	102.2

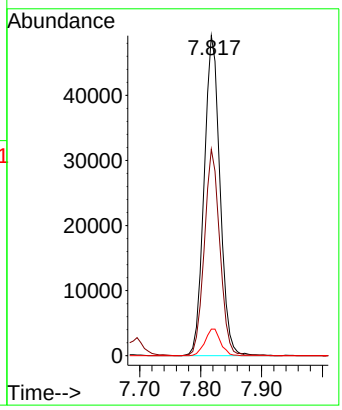




#47
Bromodichloromethane
Concen: 56.529 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 8886

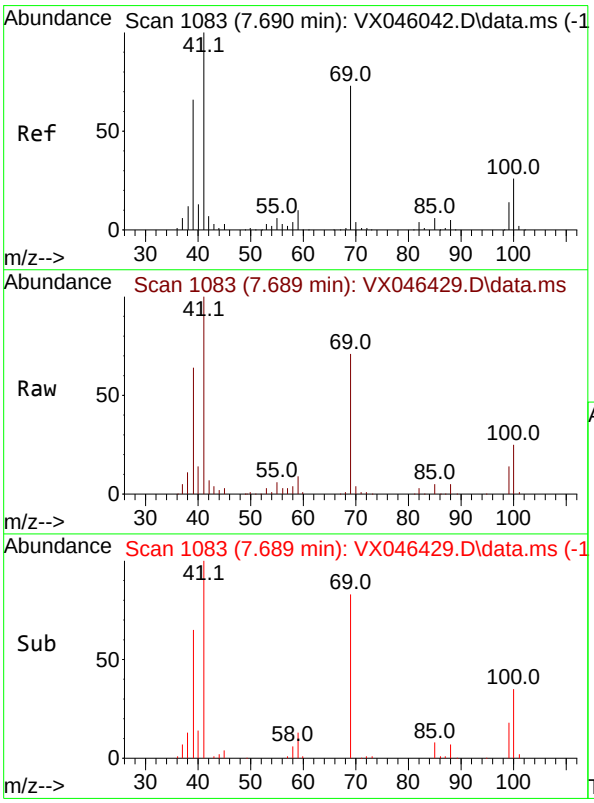
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.5	75.7
127	8.3	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

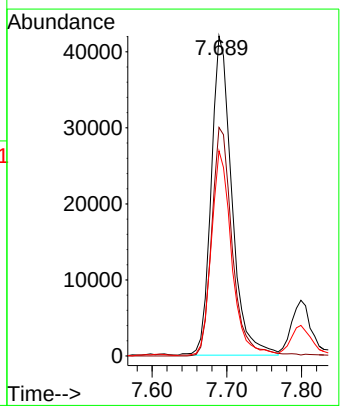
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

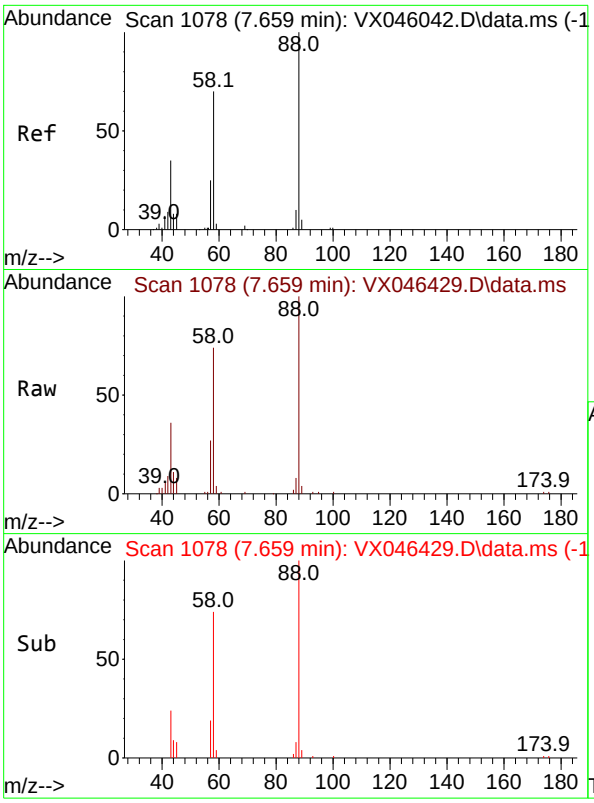


#48
Methyl methacrylate
Concen: 60.060 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 41 Resp: 80328

Ion	Ratio	Lower	Upper
41	100		
69	71.8	58.5	87.7
39	63.1	51.7	77.5

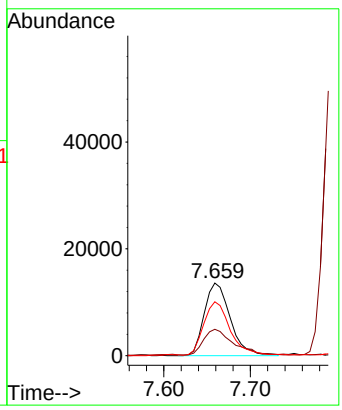




#49
1,4-Dioxane
Concen: 1117.783 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 88 Resp: 2838

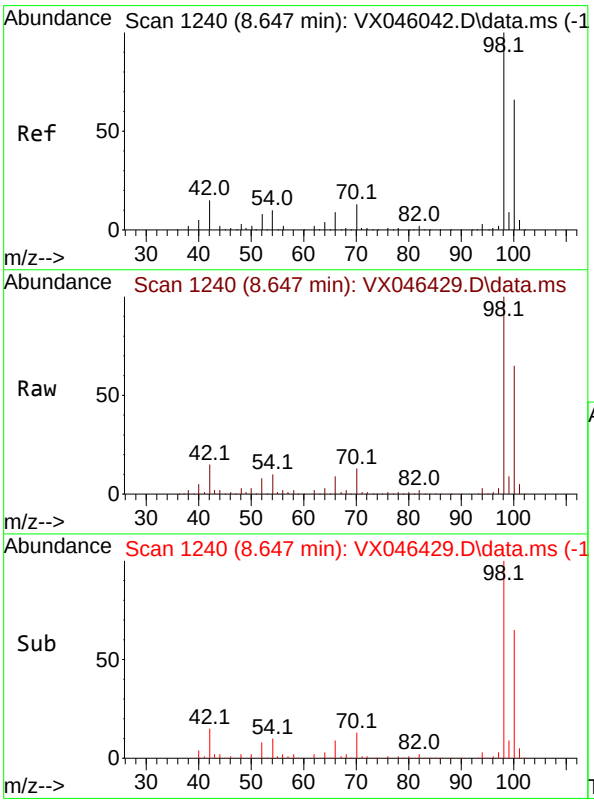
Ion	Ratio	Lower	Upper
88	100		
43	39.6	33.4	50.2
58	75.8	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

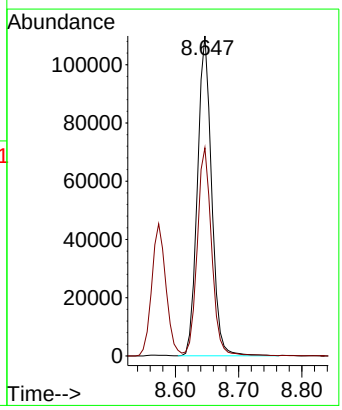
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

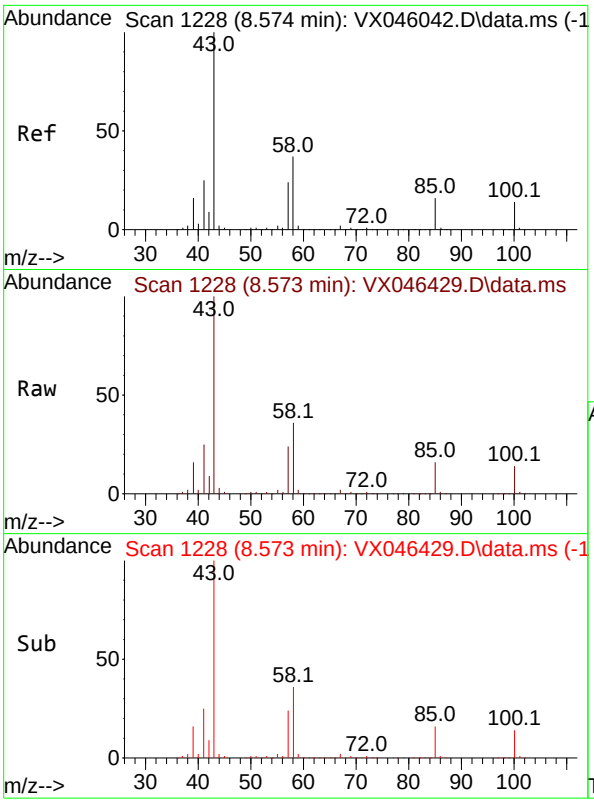


#50
Toluene-d8
Concen: 47.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 98 Resp: 171593

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3





#51
4-Methyl-2-Pentanone
Concen: 312.159 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

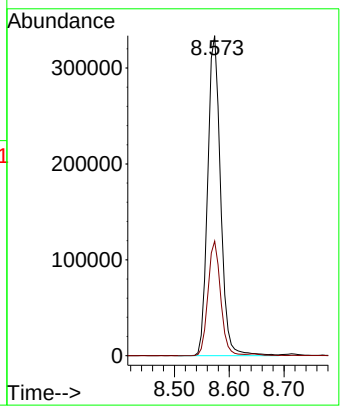
Tgt Ion: 43 Resp: 54264

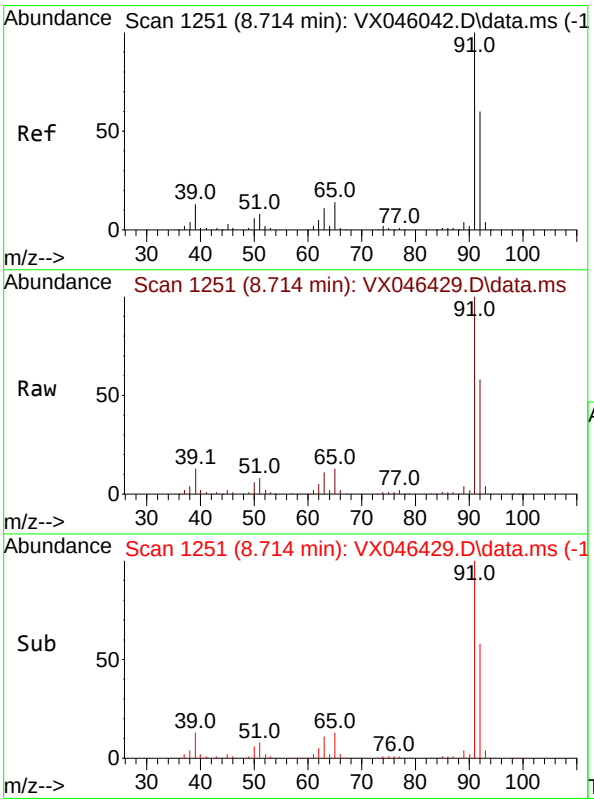
Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

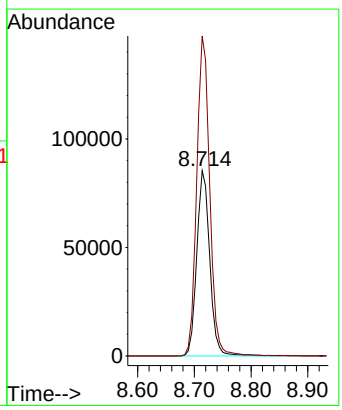


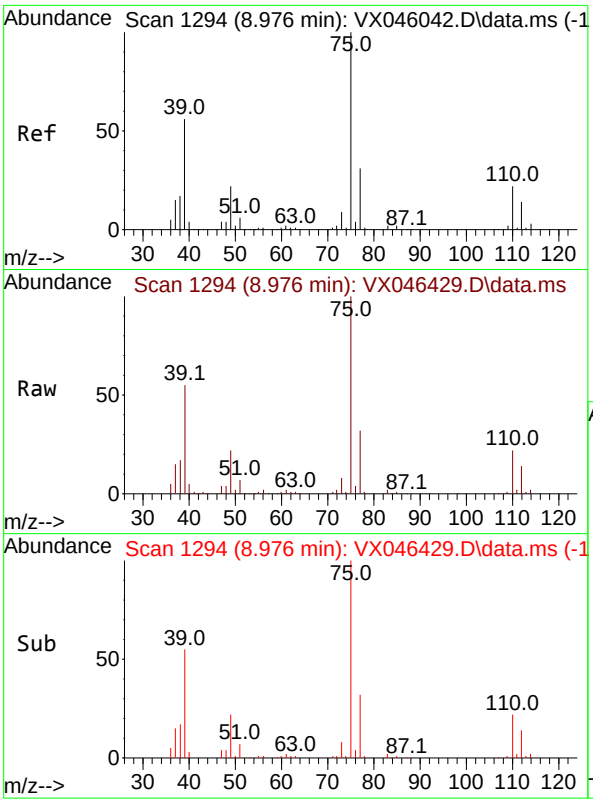


#52
Toluene
Concen: 54.291 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 92 Resp: 135485

Ion	Ratio	Lower	Upper
92	100		
91	173.1	136.6	205.0

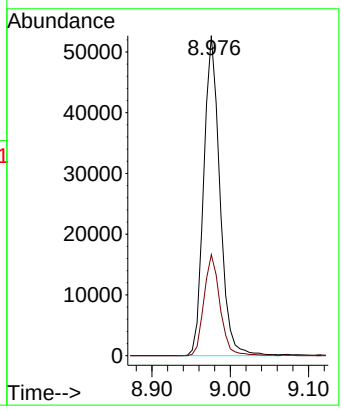




#53
t-1,3-Dichloropropene
Concen: 54.004 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 7546

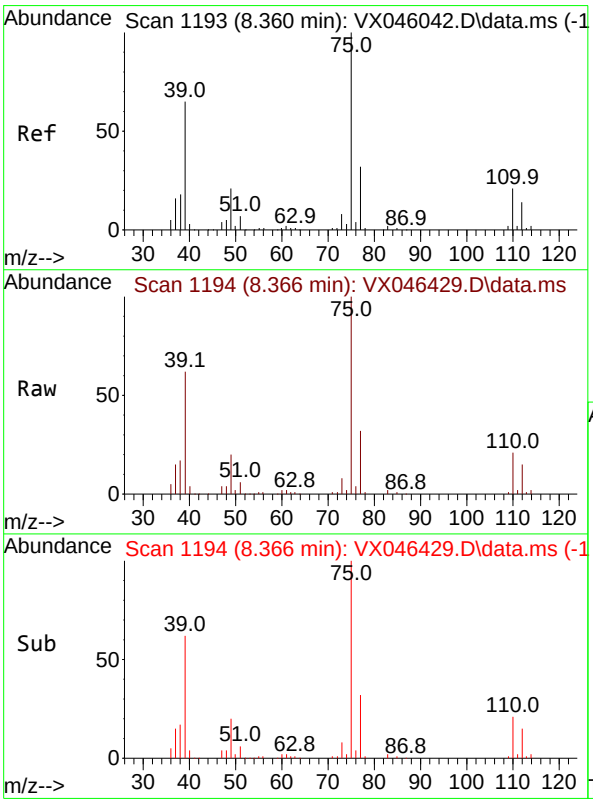
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

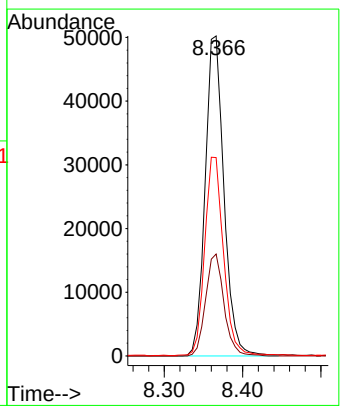
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

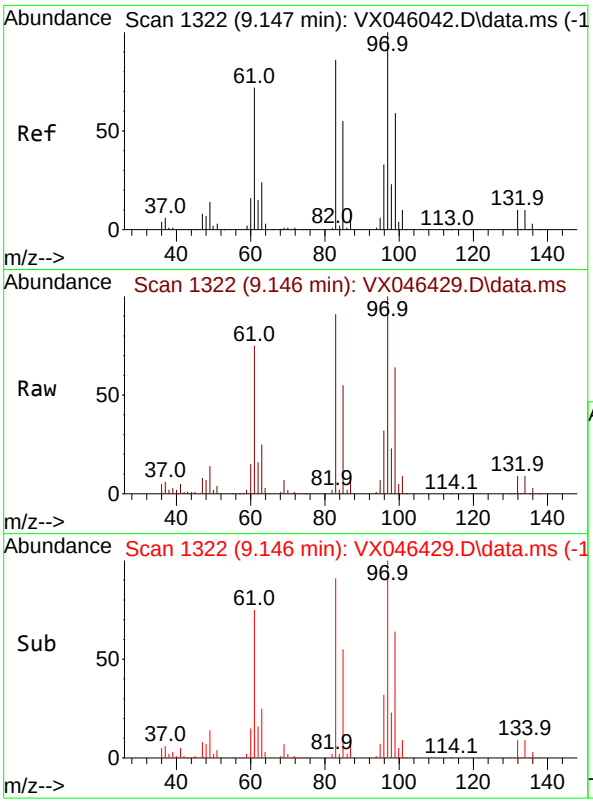


#54
cis-1,3-Dichloropropene
Concen: 54.138 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 83609

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0
39	61.8	52.2	78.4

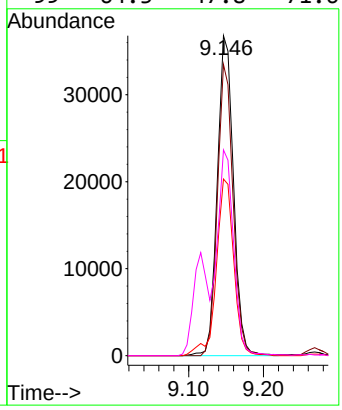




#55
1,1,2-Trichloroethane
Concen: 56.396 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 97 Resp: 5549

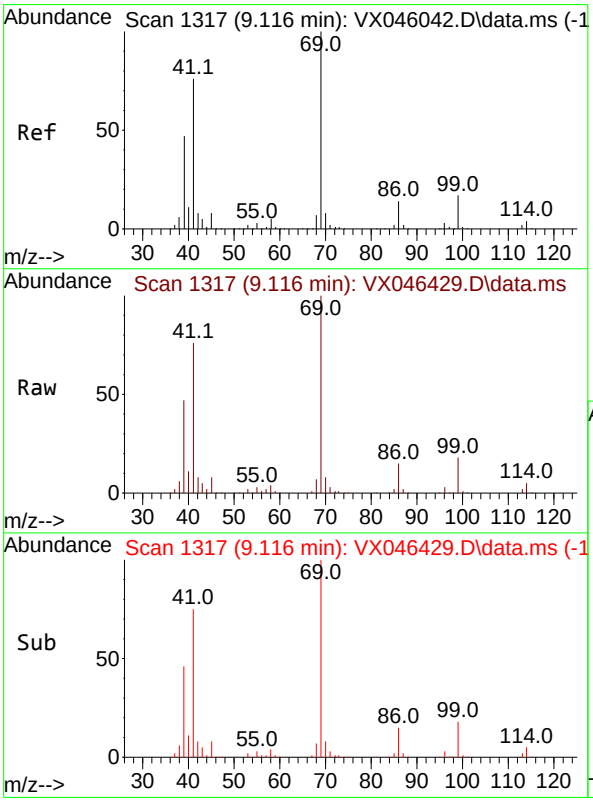
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.0	103.6
85	55.2	44.3	66.5
99	64.3	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

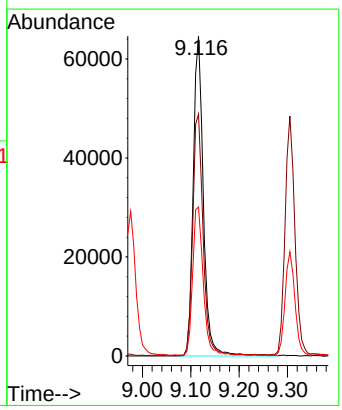
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

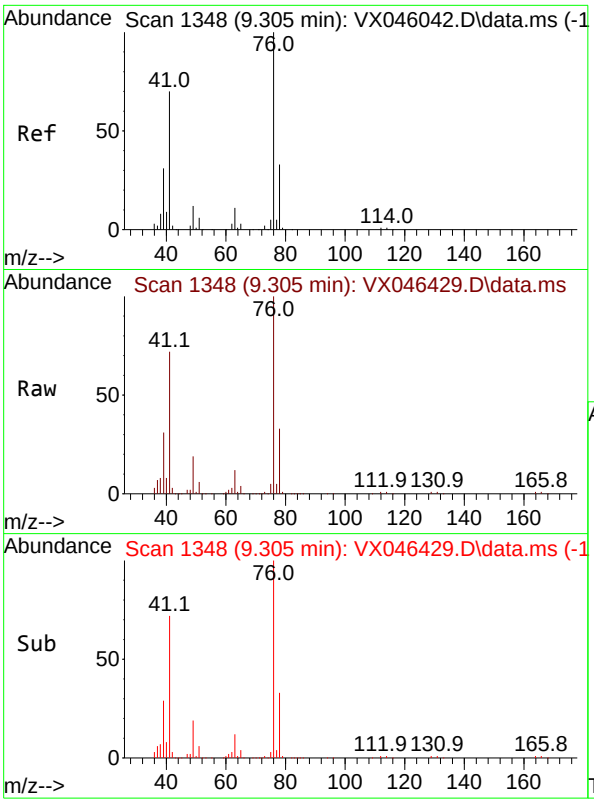


#56
Ethyl methacrylate
Concen: 59.870 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 69 Resp: 93893

Ion	Ratio	Lower	Upper
69	100		
41	77.4	60.8	91.2
39	48.2	39.0	58.6

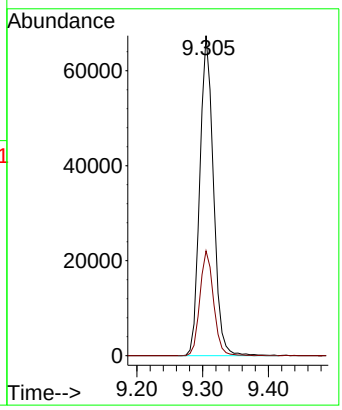




#57
1,3-Dichloropropane
Concen: 55.129 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 76 Resp: 9742

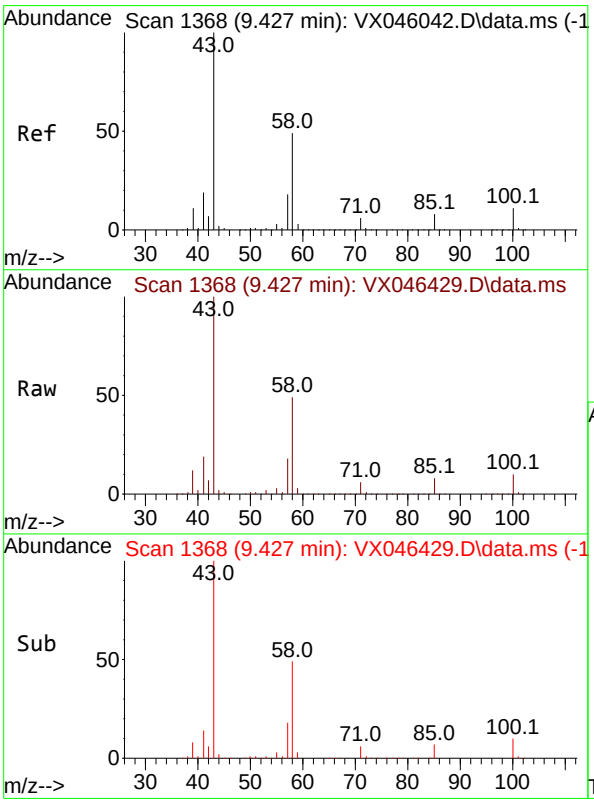
Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

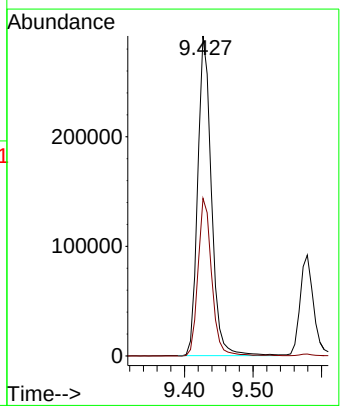
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

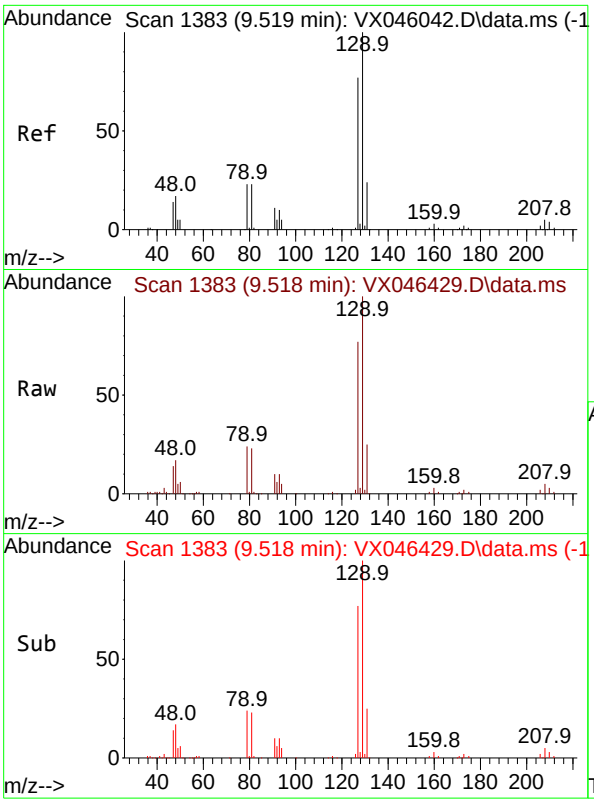


#59
2-Hexanone
Concen: 315.688 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 406005

Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.9	74.6

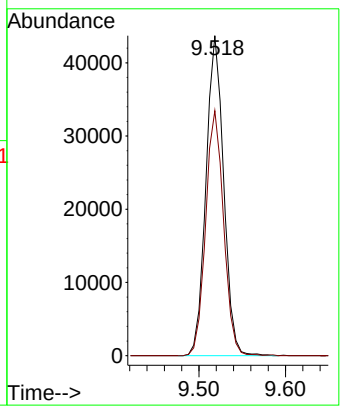




#60
Dibromochloromethane
Concen: 57.290 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:129 Resp: 6191

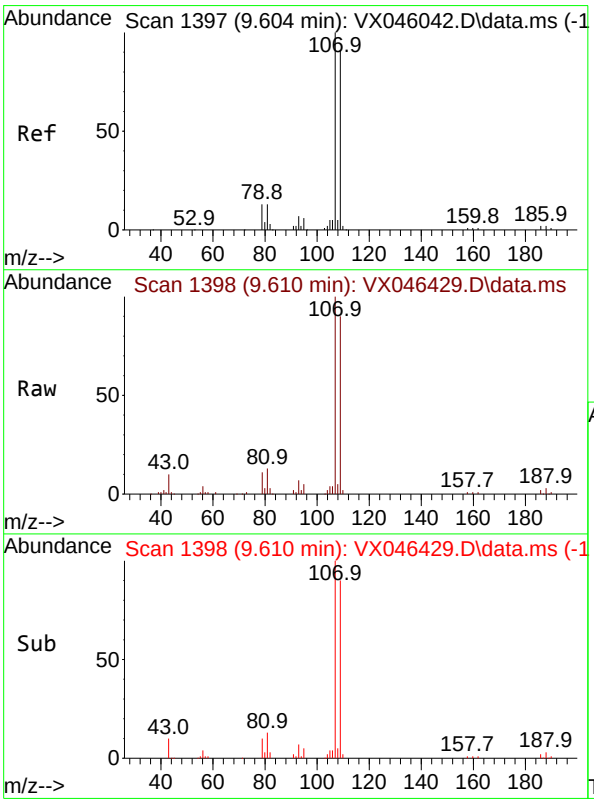
Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

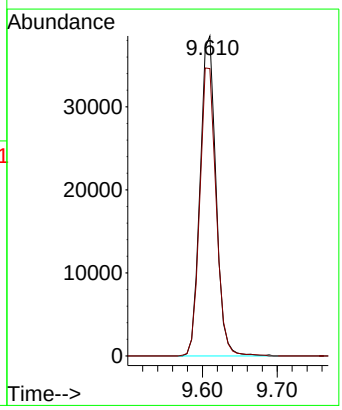
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

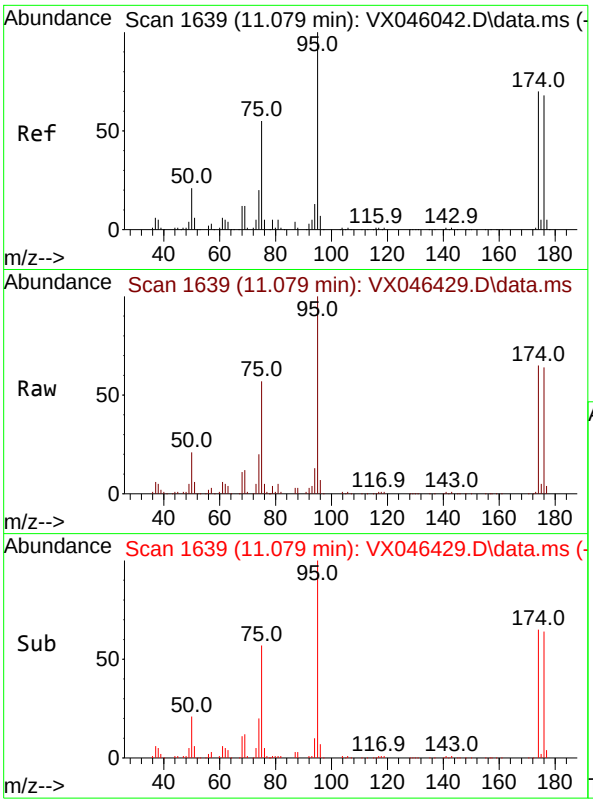


#61
1,2-Dibromoethane
Concen: 55.483 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:107 Resp: 56744

Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.3	109.9

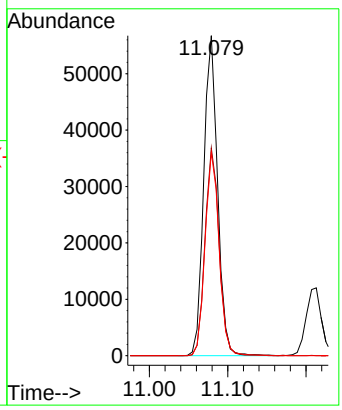




#62
4-Bromofluorobenzene
Concen: 50.571 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 95 Resp: 6943

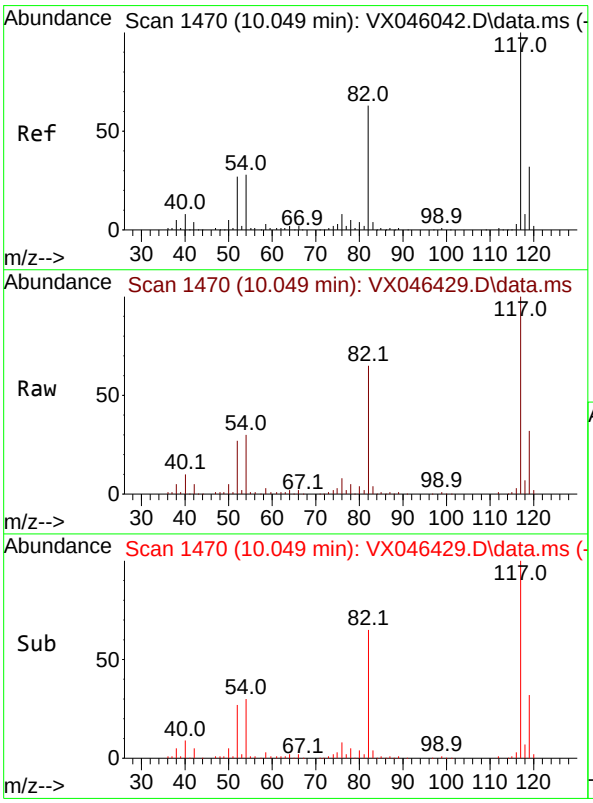
Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	135.8
176	64.4	0.0	131.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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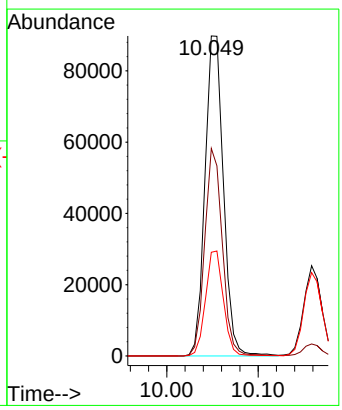
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

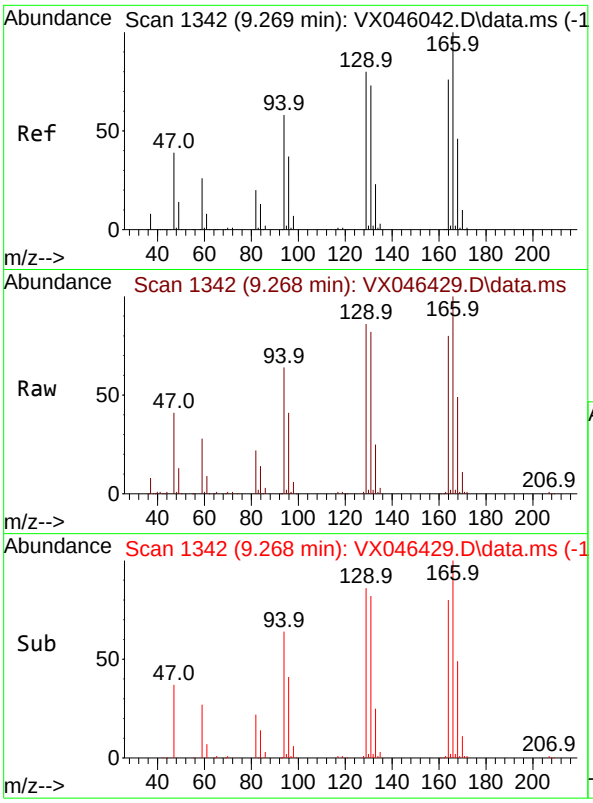


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:117 Resp: 126117

Ion	Ratio	Lower	Upper
117	100		
82	64.9	50.6	76.0
119	32.4	25.8	38.6

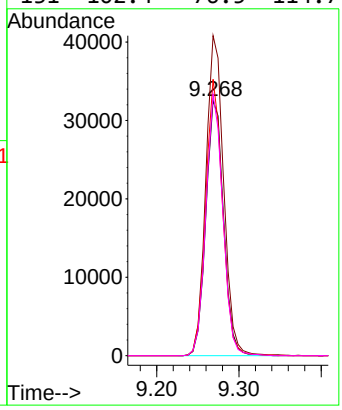




#64
Tetrachloroethene
Concen: 54.423 ug/l
RT: 9.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:164 Resp: 4856

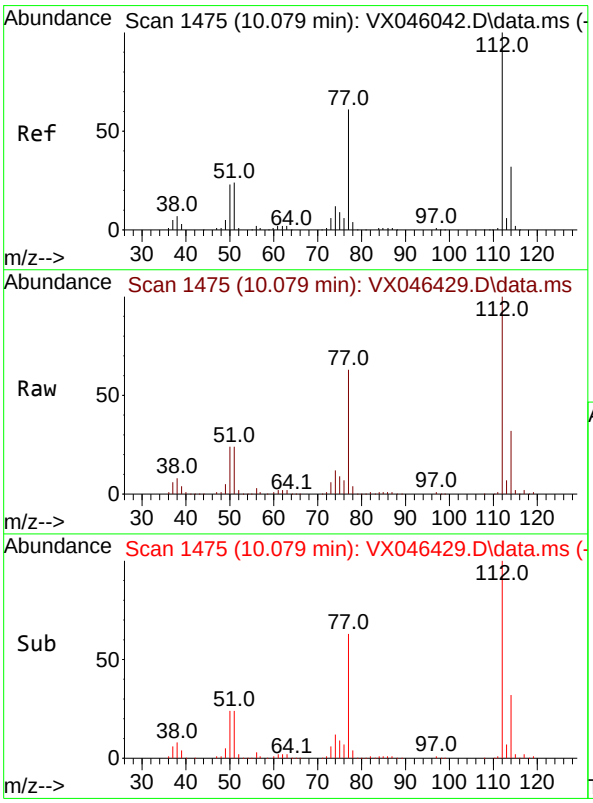
Ion	Ratio	Lower	Upper
164	100		
166	125.4	105.0	157.6
129	108.3	83.5	125.3
131	102.4	76.5	114.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

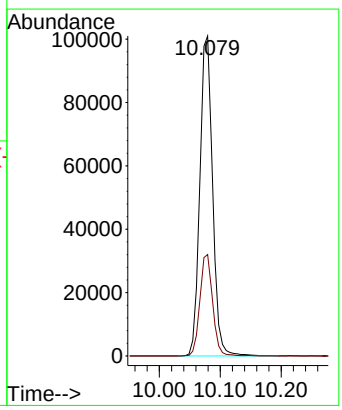
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

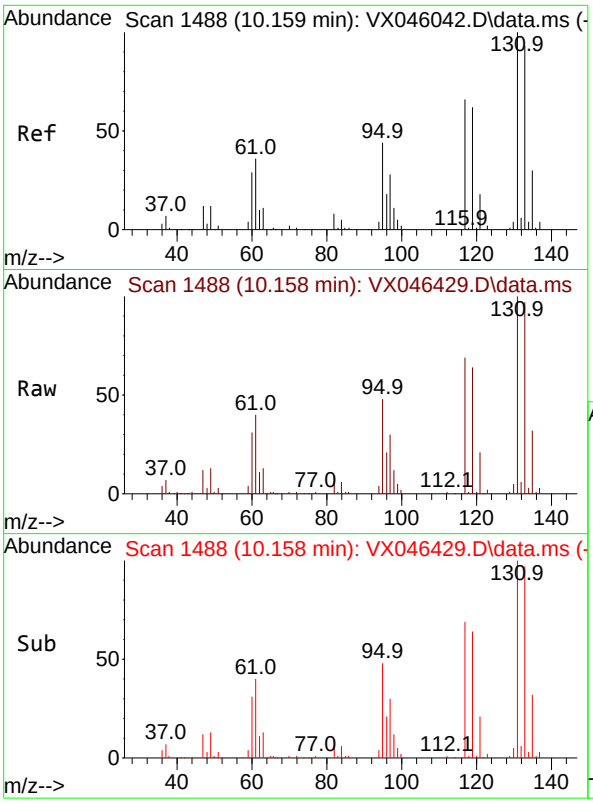


#65
Chlorobenzene
Concen: 53.149 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:112 Resp: 146711

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.2

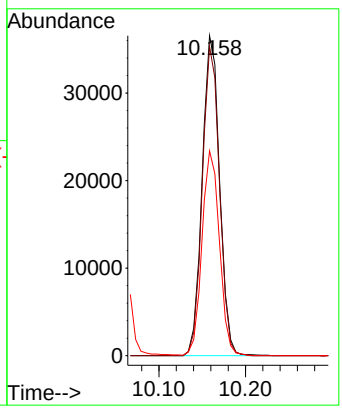




#66
1,1,1,2-Tetrachloroethane
Concen: 54.146 ug/l
RT: 10.158 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:131 Resp: 5103

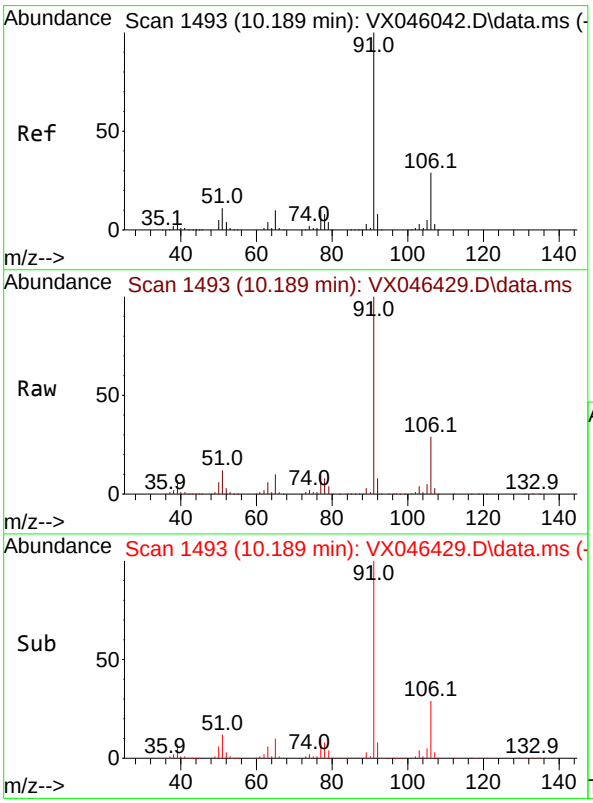
Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.9
119	64.1	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

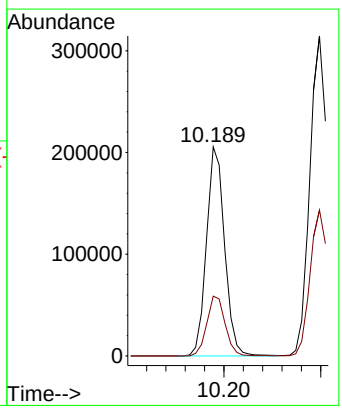
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

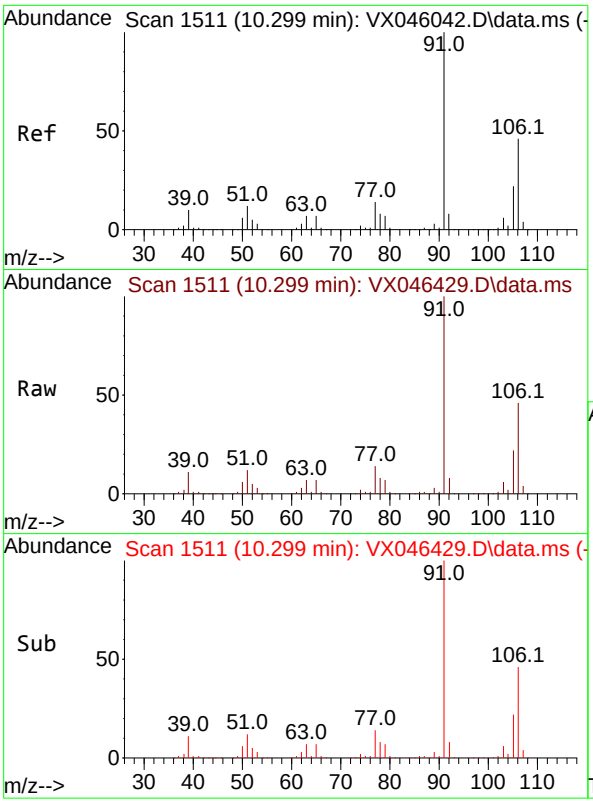


#67
Ethyl Benzene
Concen: 54.904 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 267155

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.4	35.2





#68
m/p-Xylenes
Concen: 108.442 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

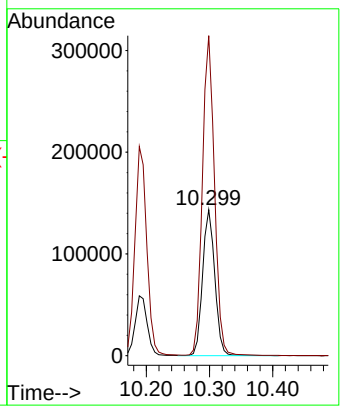
Tgt Ion:106 Resp: 19298

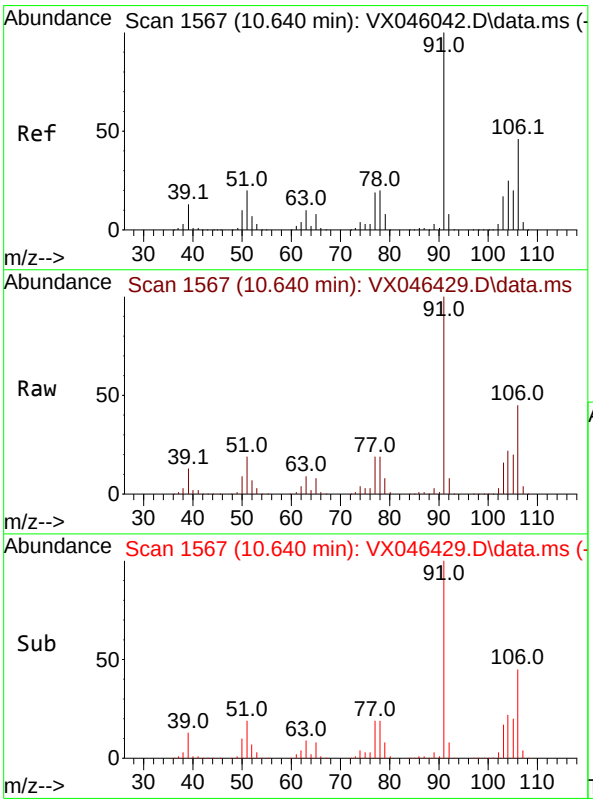
Ion	Ratio	Lower	Upper
106	100		
91	217.3	171.2	256.8

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

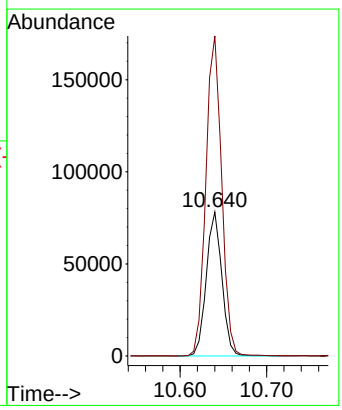


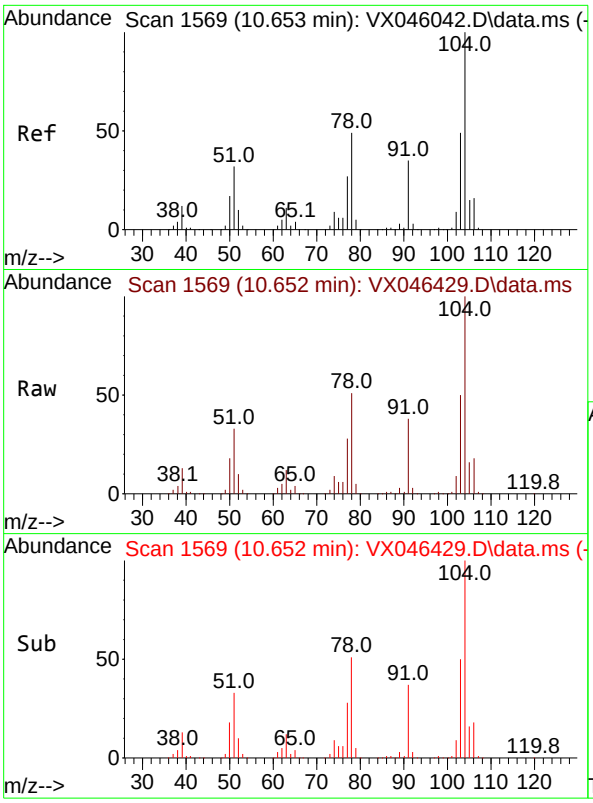


#69
o-Xylene
Concen: 56.296 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:106 Resp: 97673

Ion	Ratio	Lower	Upper
106	100		
91	226.0	112.7	338.1

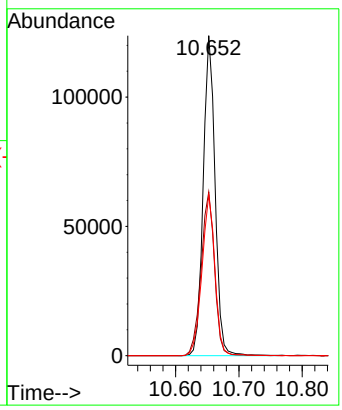




#70
Styrene
Concen: 56.934 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:104 Resp: 16181

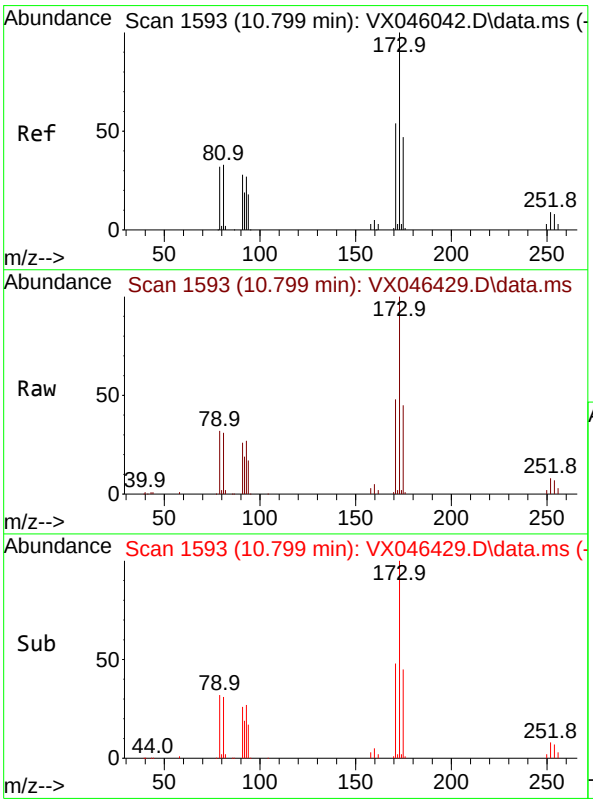
Ion	Ratio	Lower	Upper
104	100		
78	58.0	45.7	68.5
103	55.2	43.7	65.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

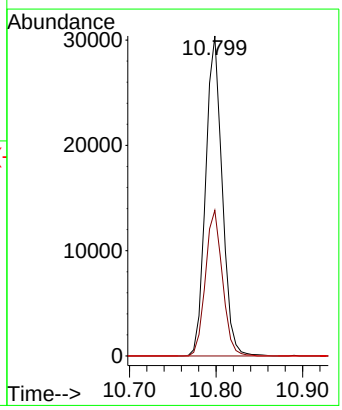
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

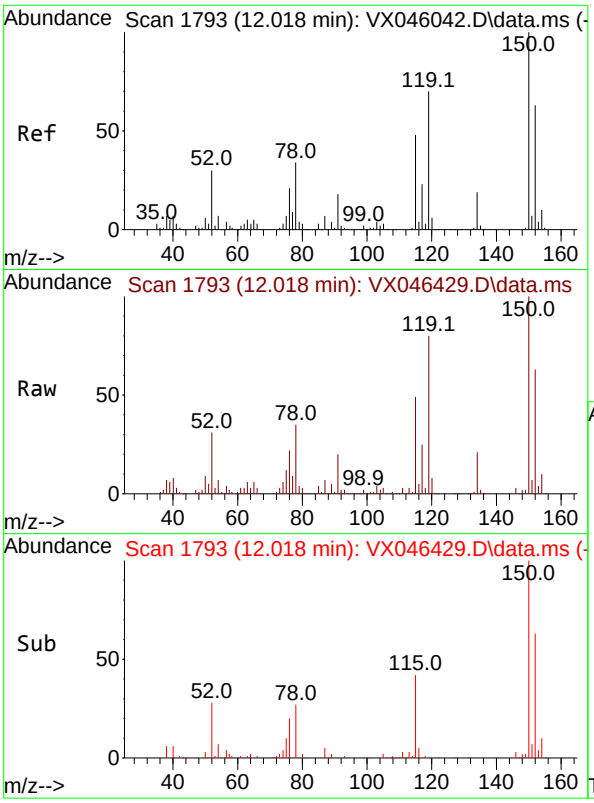


#71
Bromoform
Concen: 56.849 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:173 Resp: 40231

Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.0
254	0.0	0.0	0.0

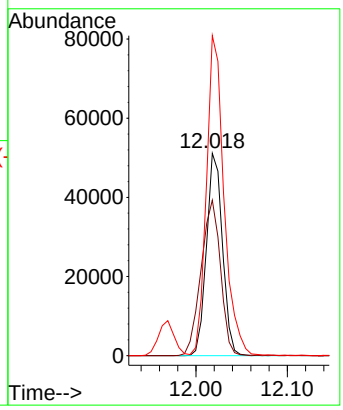




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:152 Resp: 6204

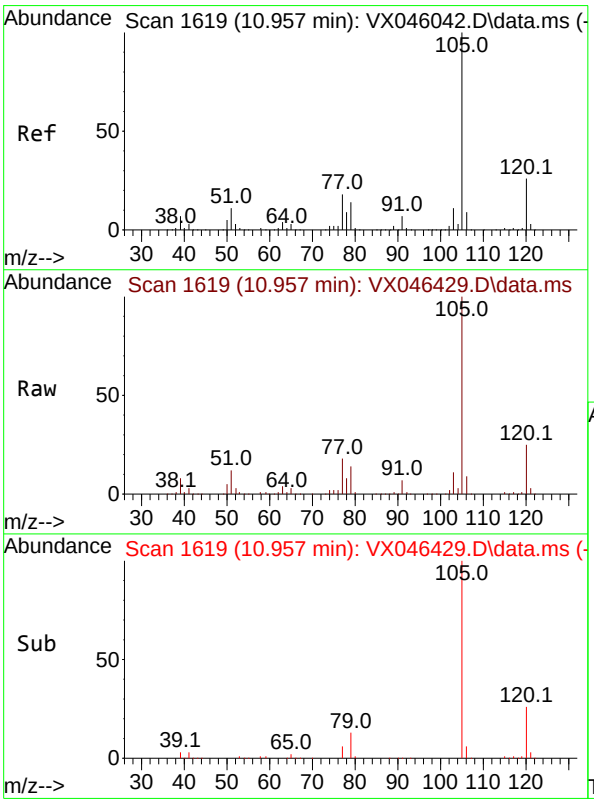
Ion	Ratio	Lower	Upper
152	100		
115	93.3	46.9	140.7
150	173.9	0.0	351.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

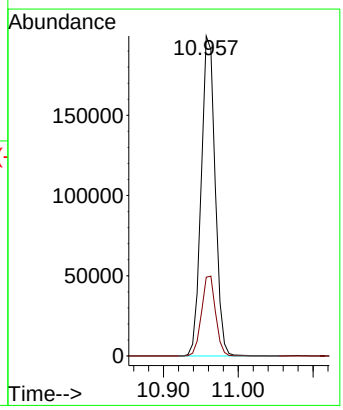
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

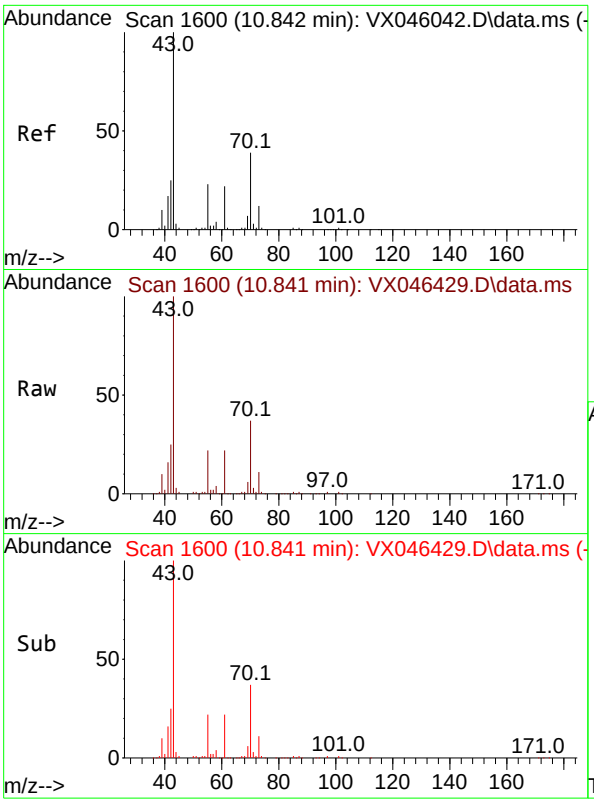


#73
Isopropylbenzene
Concen: 53.404 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:105 Resp: 257943

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4

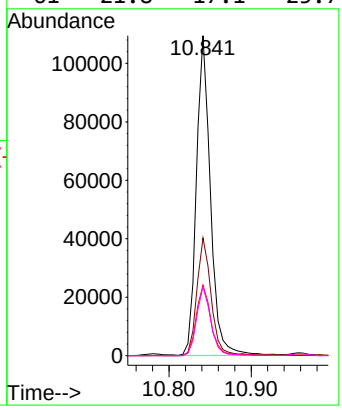




#74
N-amyl acetate
Concen: 54.553 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 13020

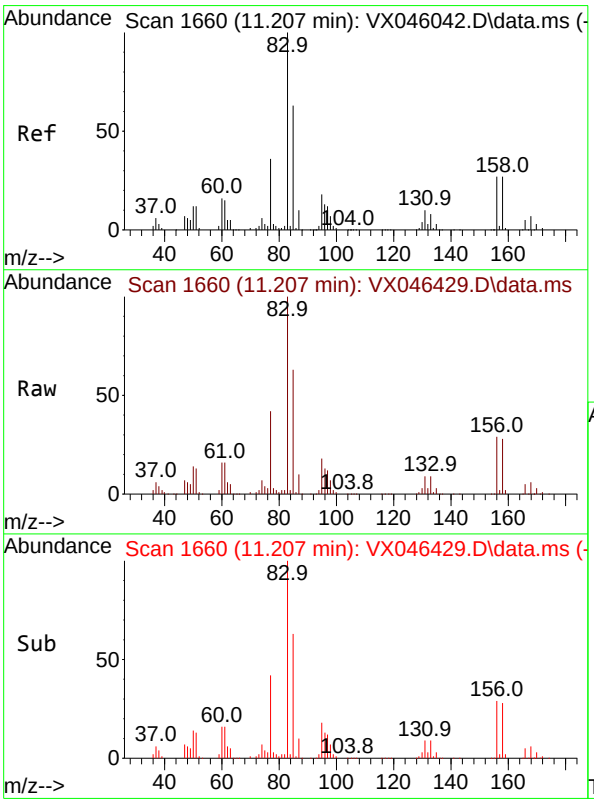
Ion	Ratio	Lower	Upper
43	100		
70	37.8	30.9	46.3
55	23.6	18.7	28.1
61	21.8	17.1	25.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

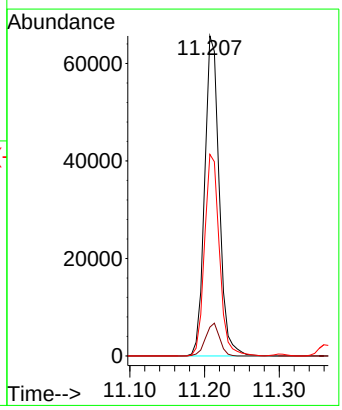
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

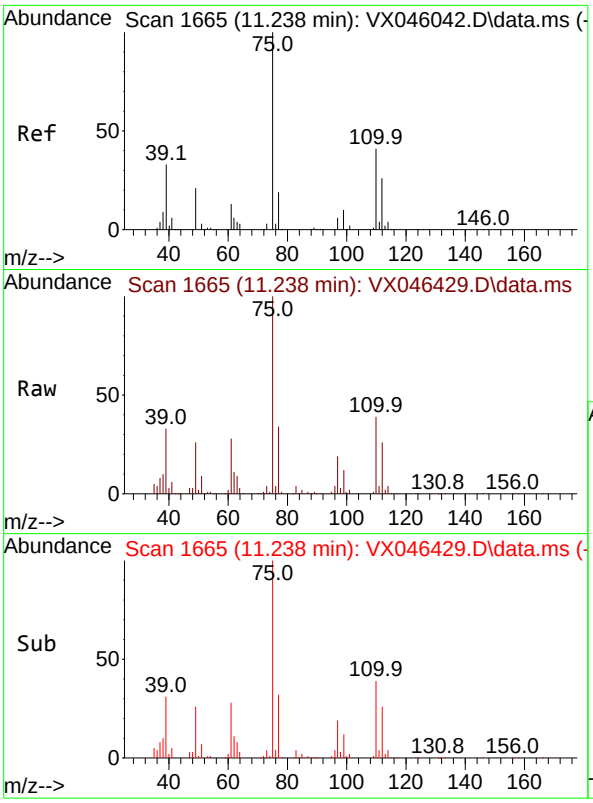


#75
1,1,2,2-Tetrachloroethane
Concen: 52.353 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 88612

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.3	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 52.971 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

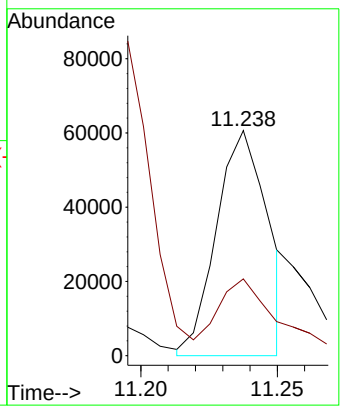
Tgt Ion: 75 Resp: 7910

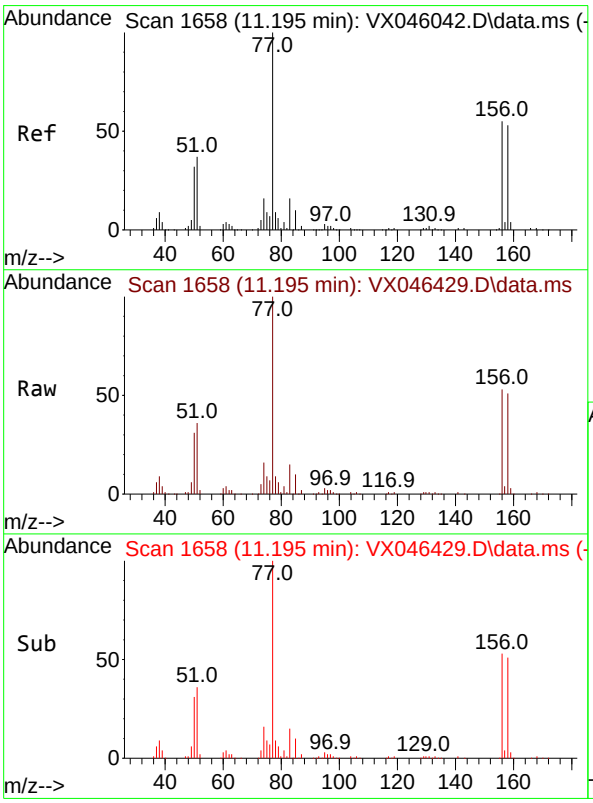
Ion	Ratio	Lower	Upper
75	100		
77	41.0	20.5	61.5

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

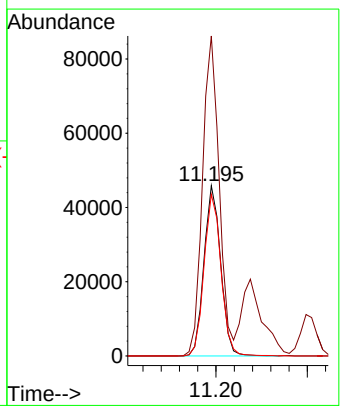


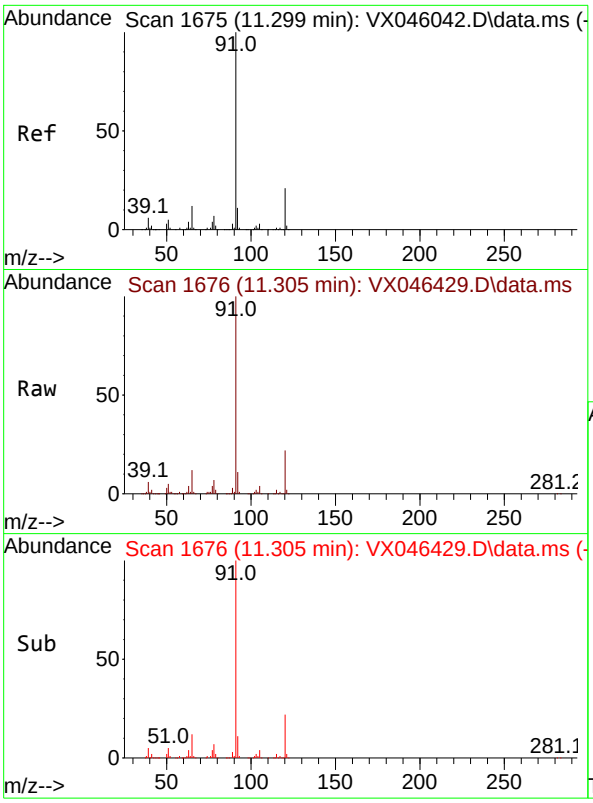


#77
Bromobenzene
Concen: 51.725 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:156 Resp: 58001

Ion	Ratio	Lower	Upper
156	100		
77	187.8	92.8	278.3
158	96.4	48.8	146.3

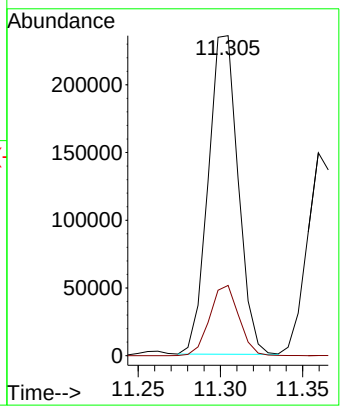




#78
n-propylbenzene
Concen: 53.142 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 29844

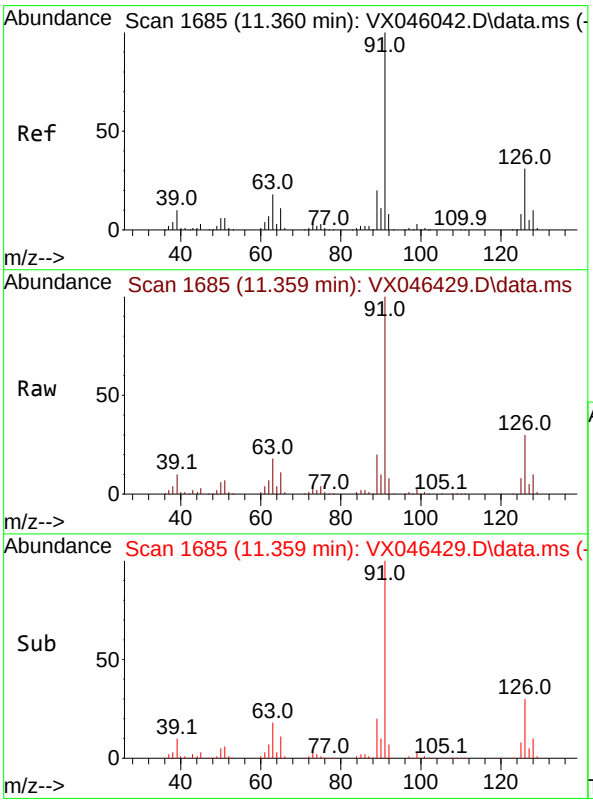
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

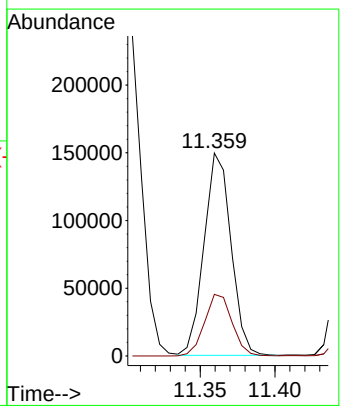
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

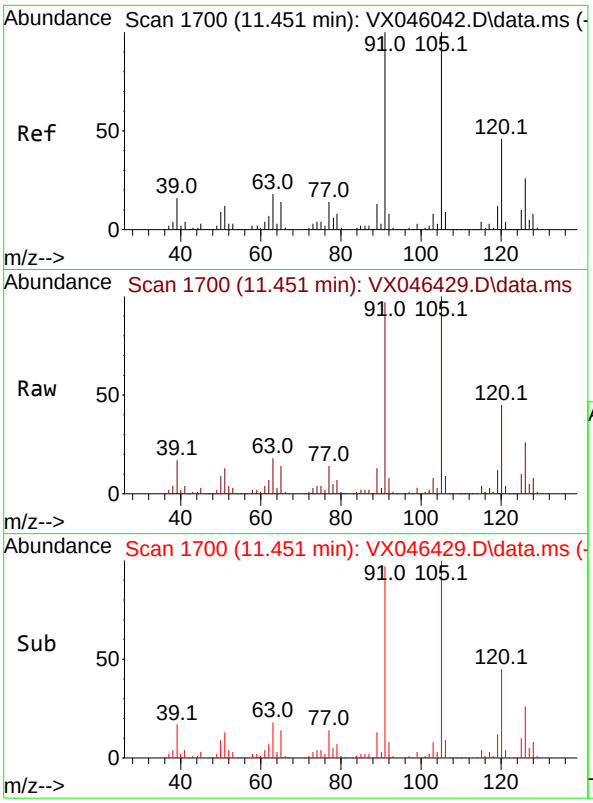


#79
2-Chlorotoluene
Concen: 51.688 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 187233

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





#80
1,3,5-Trimethylbenzene
Concen: 53.815 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

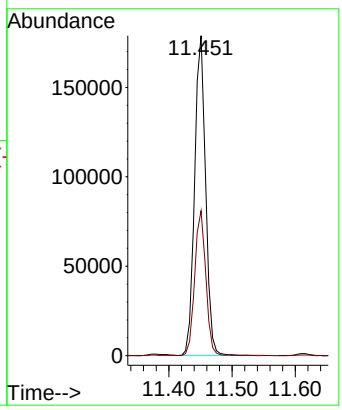
Tgt Ion:105 Resp: 21715

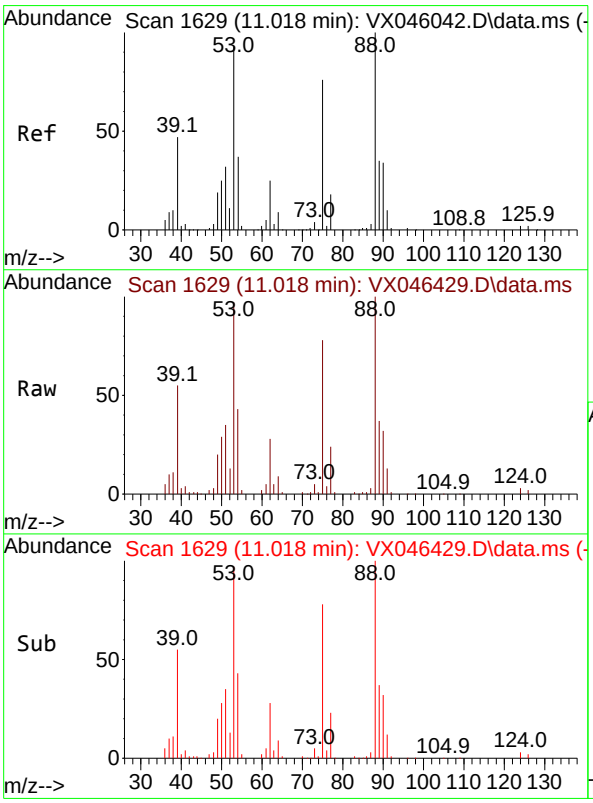
Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

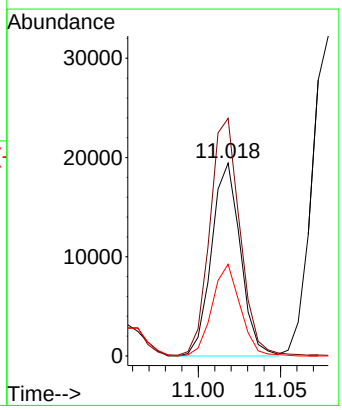


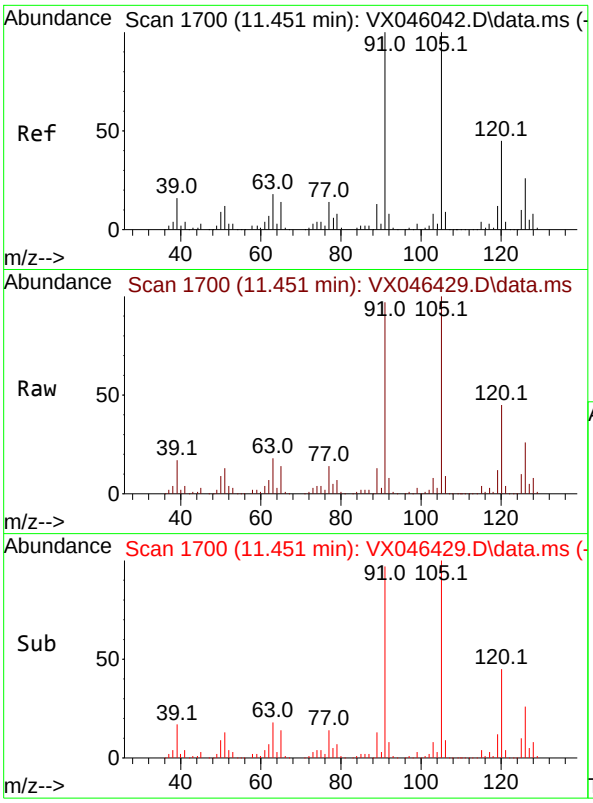


#81
trans-1,4-Dichloro-2-butene
Concen: 51.802 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 23761

Ion	Ratio	Lower	Upper
75	100		
53	129.1	100.5	150.7
89	46.4	37.0	55.6

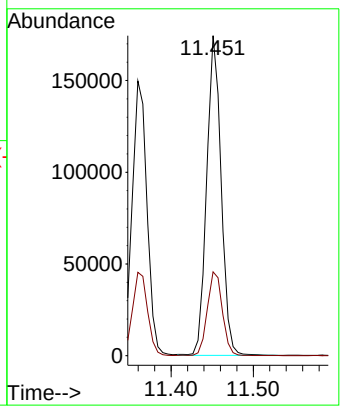




#82
4-Chlorotoluene
Concen: 52.974 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 21280

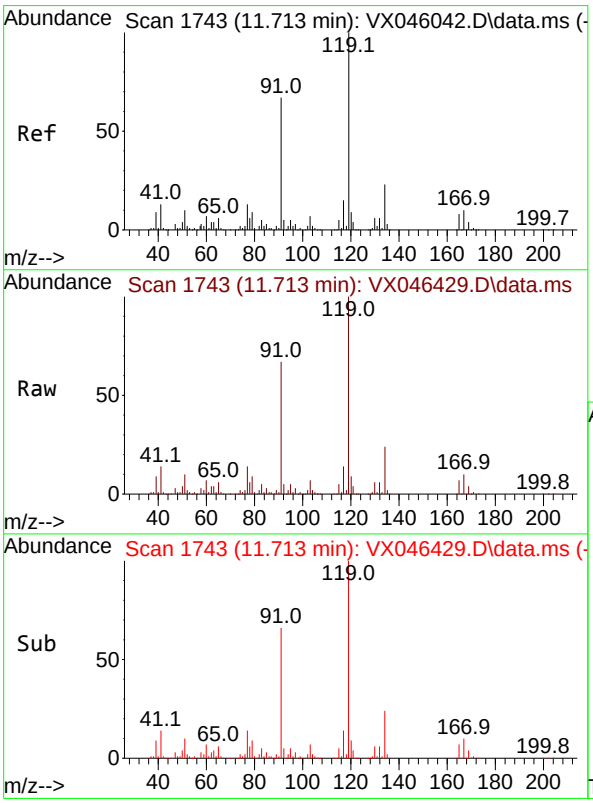
Ion	Ratio	Lower	Upper
91	100		
126	27.5	13.3	39.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

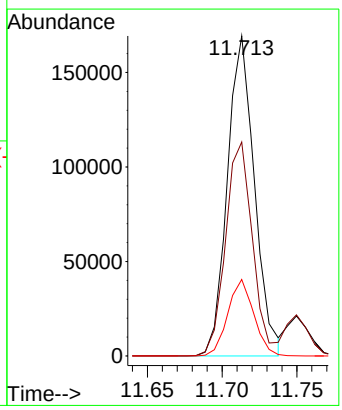
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

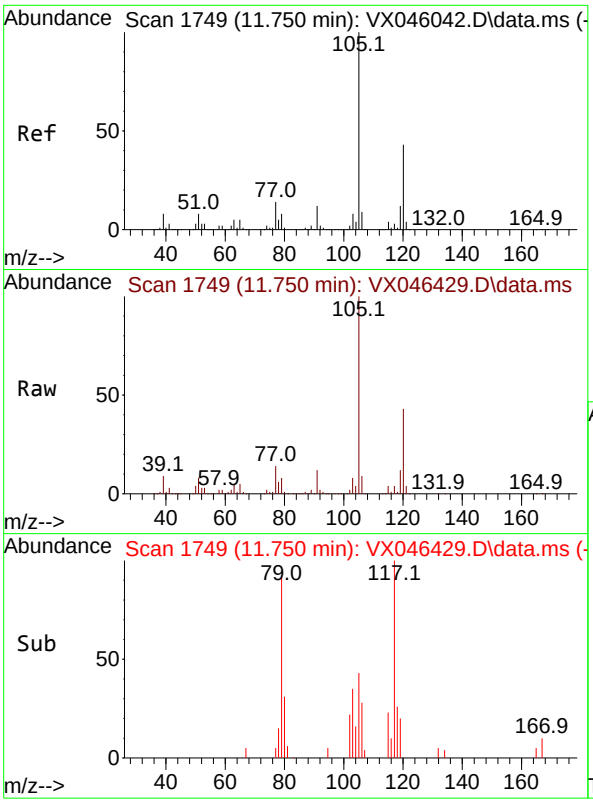


#83
tert-Butylbenzene
Concen: 52.615 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:119 Resp: 213853

Ion	Ratio	Lower	Upper
119	100		
91	66.7	32.9	98.7
134	22.9	11.4	34.1

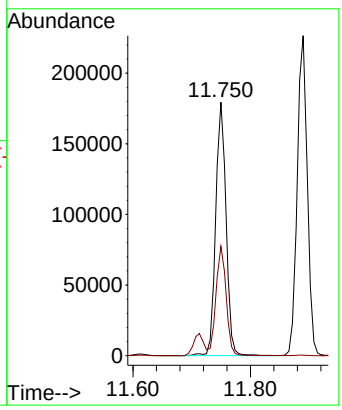




#84
1,2,4-Trimethylbenzene
Concen: 53.787 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:105 Resp: 21979

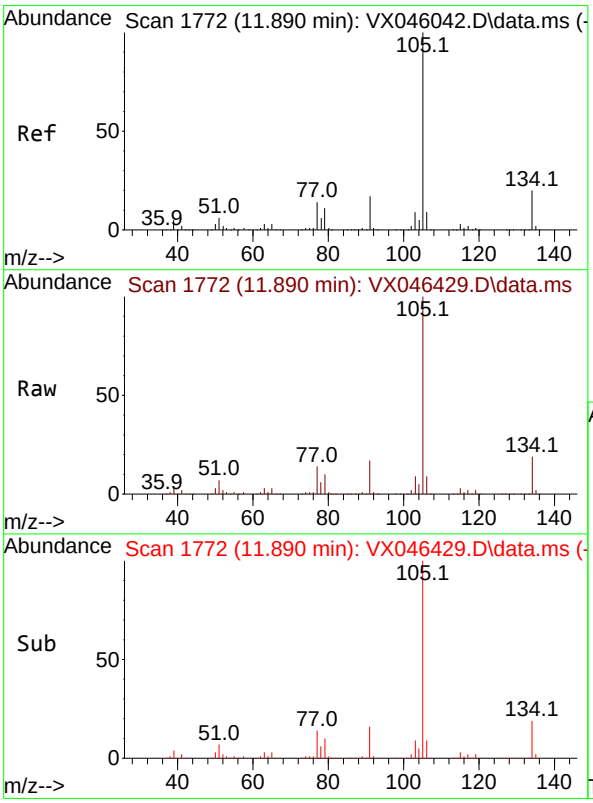
Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

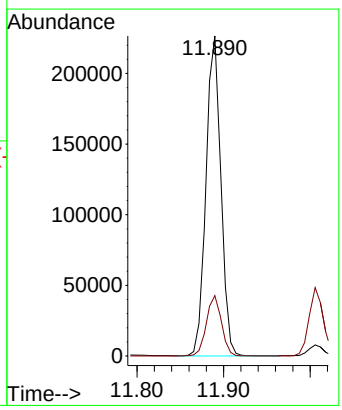
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

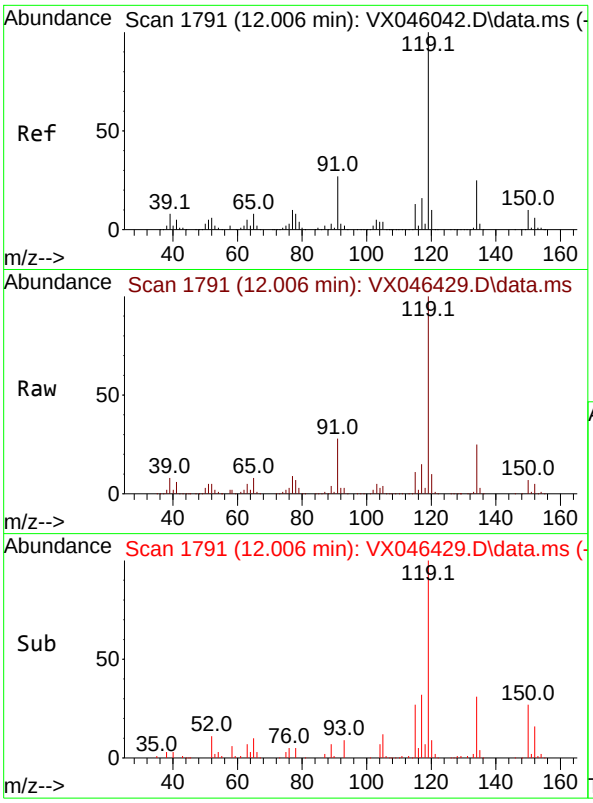


#85
sec-Butylbenzene
Concen: 54.272 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:105 Resp: 270845

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1

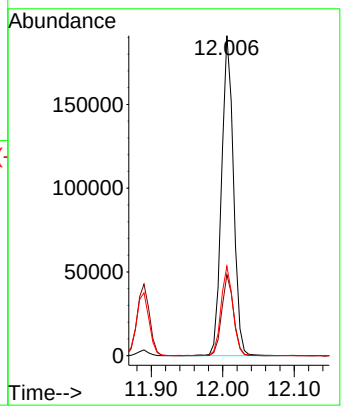




#86
p-Isopropyltoluene
Concen: 53.650 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:119 Resp: 22100

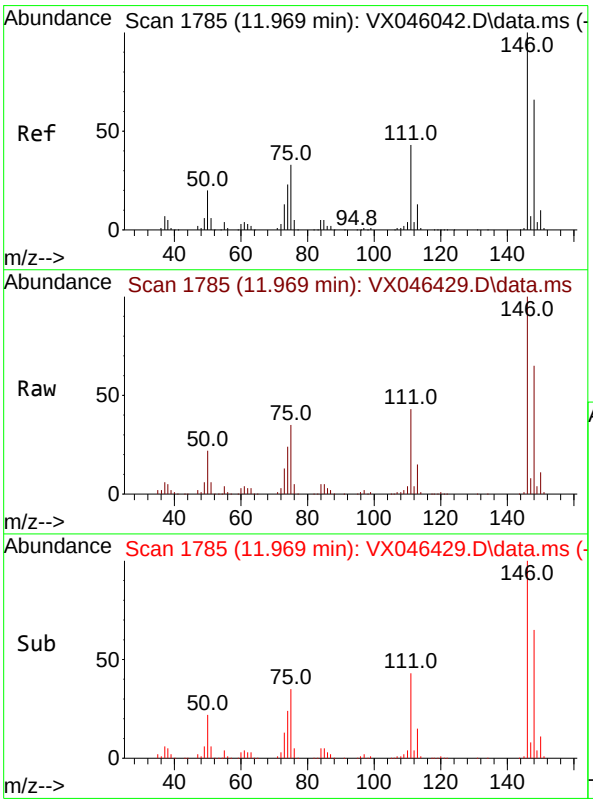
Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.7	13.8	41.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

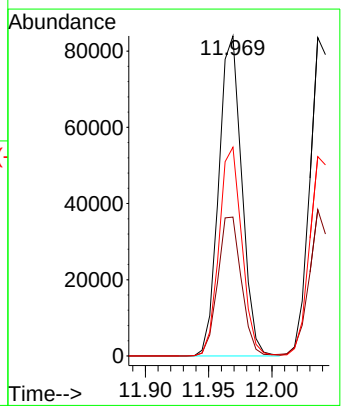
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

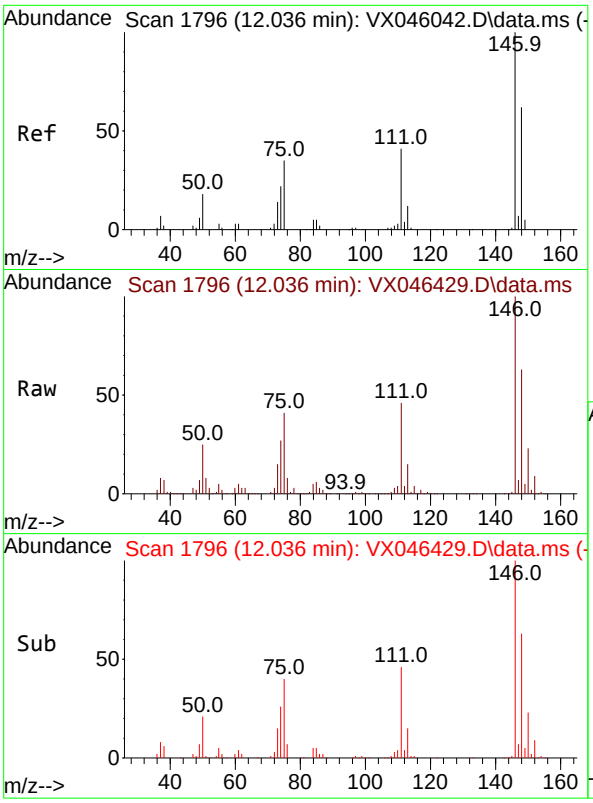


#87
1,3-Dichlorobenzene
Concen: 51.938 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:146 Resp: 106292

Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.1	66.3
148	64.6	32.1	96.5

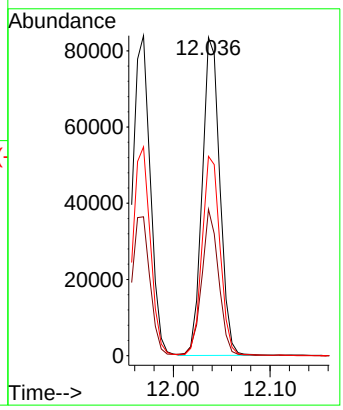




#88
1,4-Dichlorobenzene
Concen: 50.651 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:146 Resp: 10586

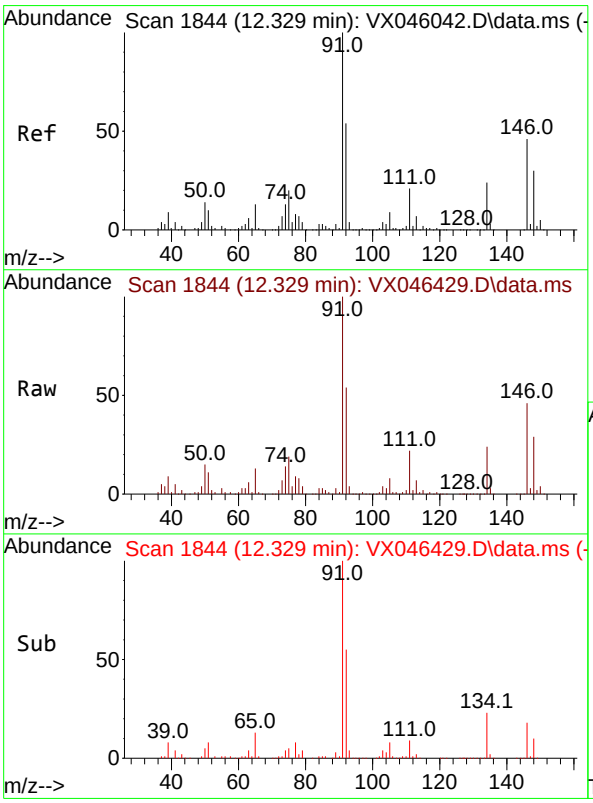
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.3	63.9
148	63.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

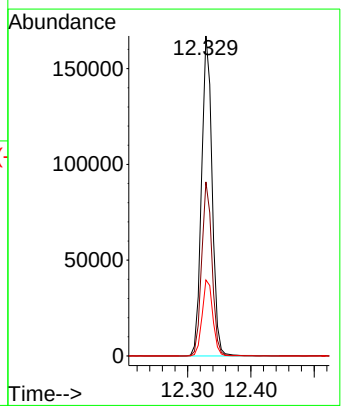
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

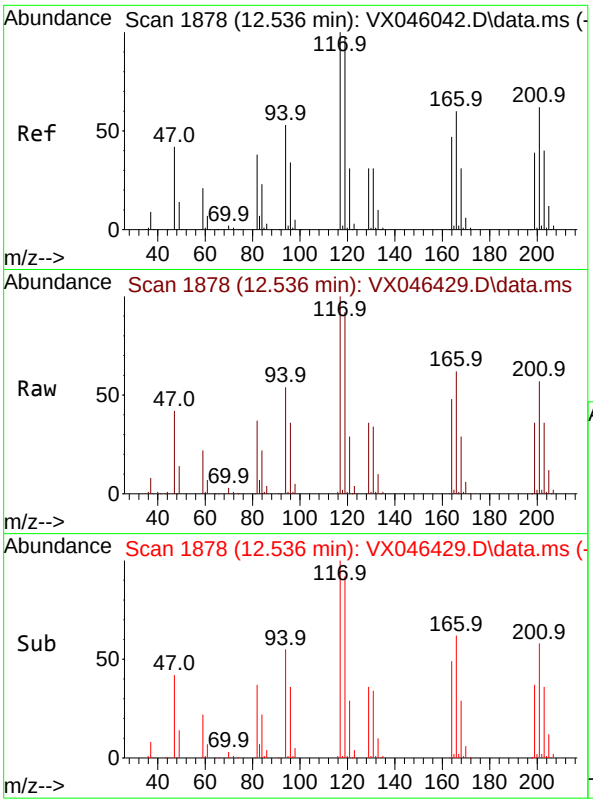


#89
n-Butylbenzene
Concen: 53.834 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 194522

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	24.0	11.8	35.3

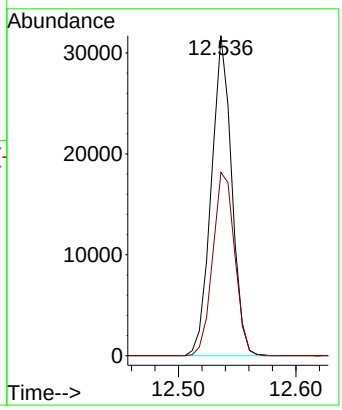




#90
Hexachloroethane
Concen: 52.739 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:117 Resp: 3827

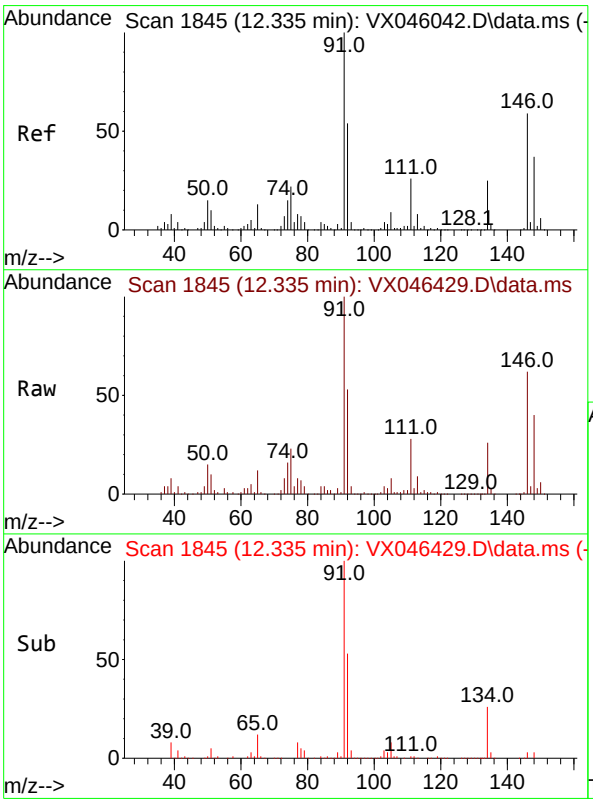
Ion	Ratio	Lower	Upper
117	100		
201	61.7	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

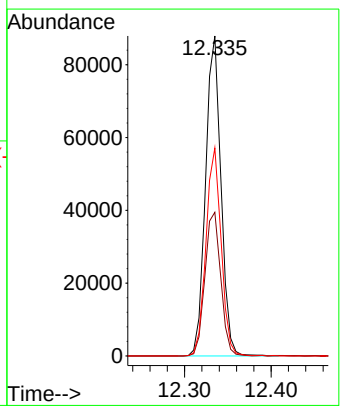
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

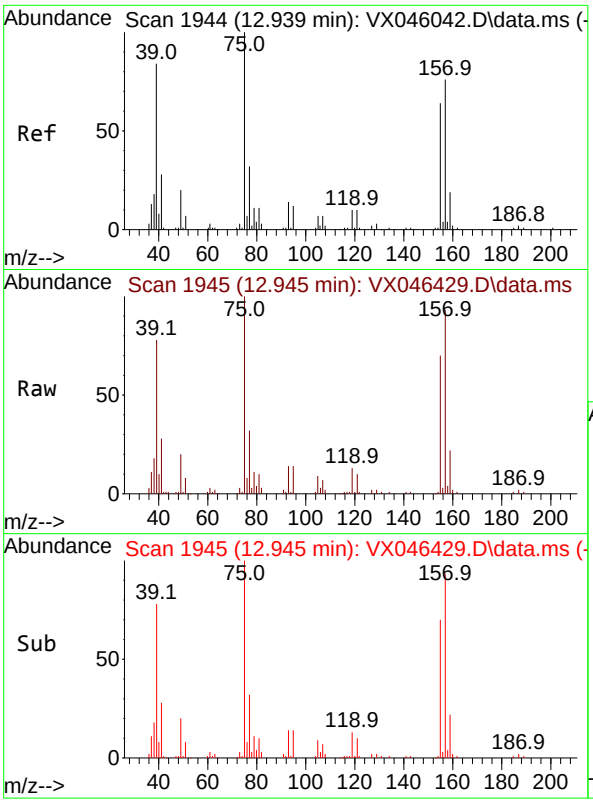


#91
1,2-Dichlorobenzene
Concen: 52.907 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:146 Resp: 108652

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.4	67.3
148	64.0	31.6	94.8





#92
1,2-Dibromo-3-Chloropropane
Concen: 57.165 ug/l
RT: 12.945 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

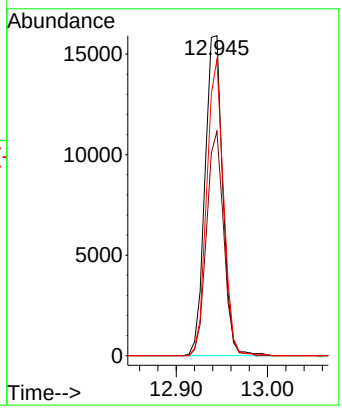
Tgt Ion: 75 Resp: 2143

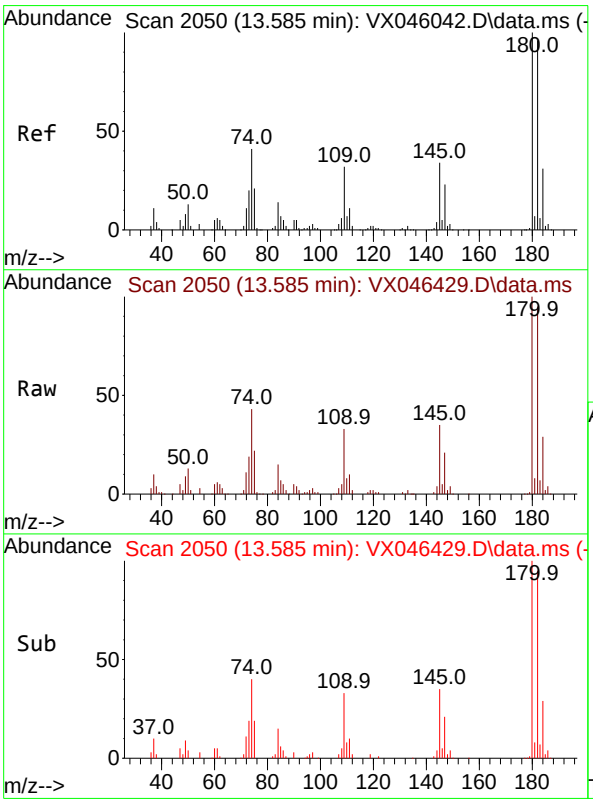
Ion	Ratio	Lower	Upper
75	100		
155	67.7	34.9	104.8
157	87.6	43.8	131.4

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

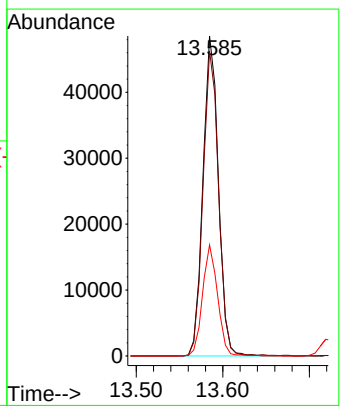


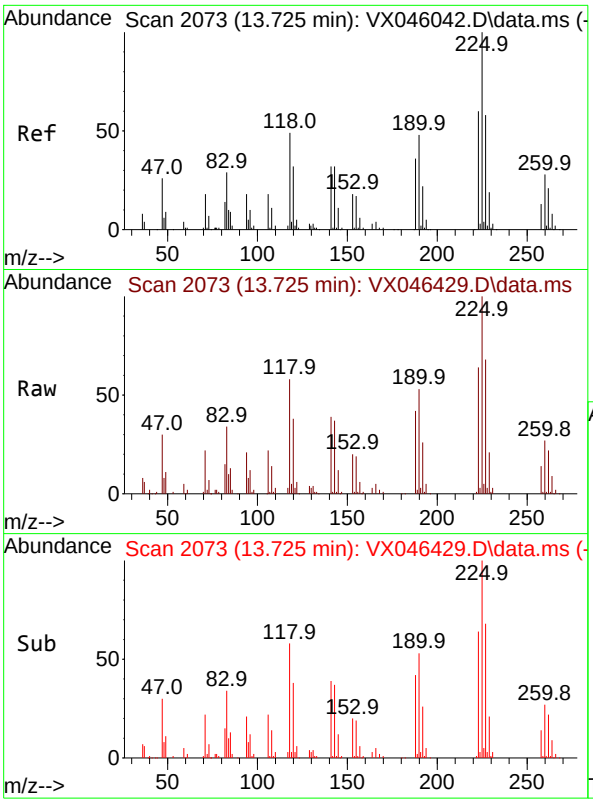


#93
1,2,4-Trichlorobenzene
Concen: 51.001 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:180 Resp: 60157

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	33.7	17.1	51.2

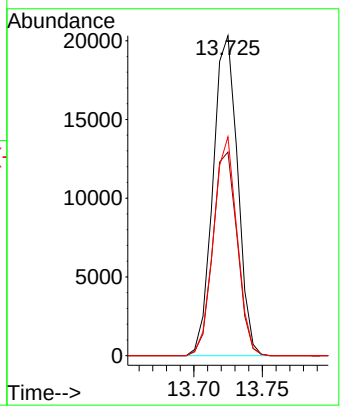




#94
Hexachlorobutadiene
Concen: 49.184 ug/l
RT: 13.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:225 Resp: 2533

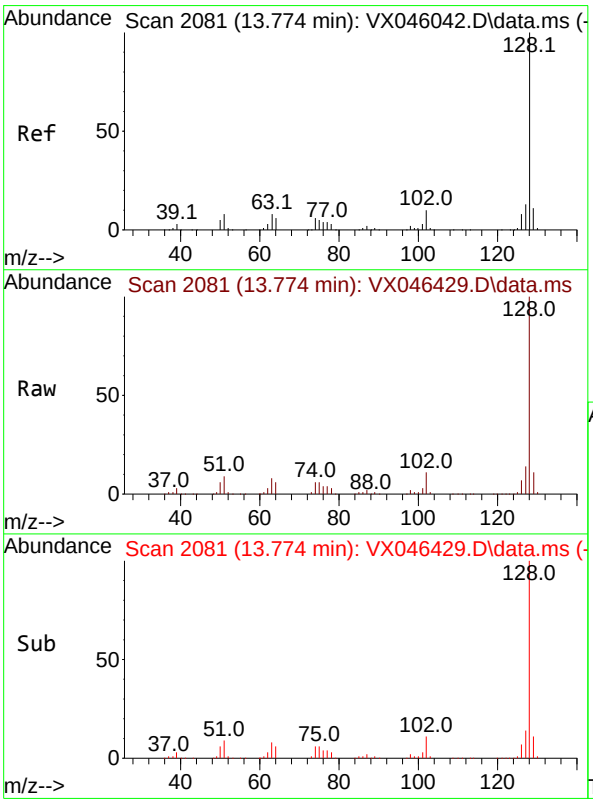
Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.8	92.4
227	65.5	30.9	92.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

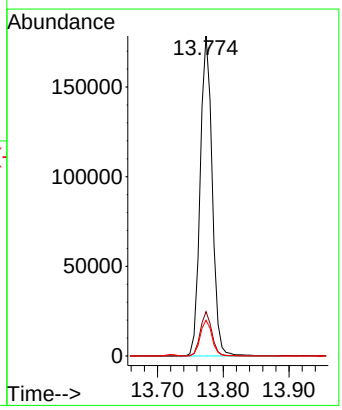
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

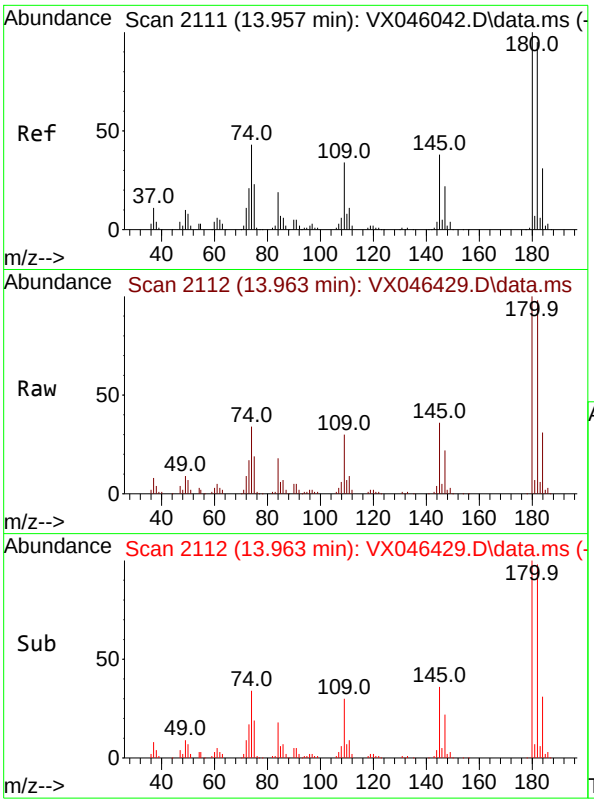


#95
Naphthalene
Concen: 52.436 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:128 Resp: 226842

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

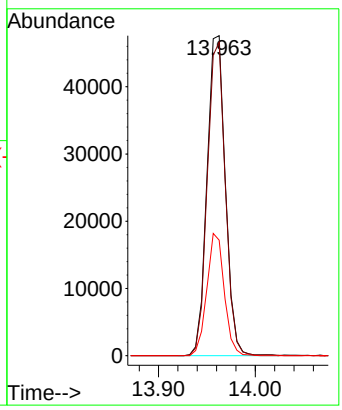




#96
1,2,3-Trichlorobenzene
Concen: 51.649 ug/l
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:180 Resp: 6286

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	36.4	18.1	54.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602MSD	SDG No.:	Q2162
Lab Sample ID:	Q2162-06MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046430.D	1		05/30/25 18:33	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
74-87-3	Chloromethane	51.9		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	50.8		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	51.7		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	54.6		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	53.5		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	54.3		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	54.0		0.23	0.75	1.00	ug/L
67-64-1	Acetone	310		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	50.0		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	57.8		0.16	0.50	1.00	ug/L
75-09-2	Methylene Chloride	53.2		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	54.8		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	57.9		0.23	0.50	1.00	ug/L
78-93-3	2-Butanone	310		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	53.3		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	55.4		0.19	0.75	1.00	ug/L
67-66-3	Chloroform	57.4		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	57.1		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	50.5		0.16	0.50	1.00	ug/L
71-43-2	Benzene	54.5		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	55.0		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	53.5		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	57.4		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	57.0		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	310		0.68	2.50	5.00	ug/L
108-88-3	Toluene	54.9		0.14	0.50	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	55.2		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	55.3		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	56.8		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	320		0.89	2.50	5.00	ug/L

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	05/28/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	05/29/25
Client Sample ID:	BP-VPB-182-GW-600-602MSD	SDG No.:	Q2162
Lab Sample ID:	Q2162-06MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046430.D	1		05/30/25 18:33	VX053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	58.7		0.18	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	54.1		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	53.7		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	56.1		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	56.5		0.12	0.50	1.00	ug/L
100-42-5	Styrene	58.2		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	57.2		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	56.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	54.8		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	54.7		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	53.4		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	55.4		0.16	0.50	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.7		81 - 118		103%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	48.8		89 - 112		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		85 - 114		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	75600	5.549				
540-36-3	1,4-Difluorobenzene	137000	6.757				
3114-55-4	Chlorobenzene-d5	120000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	57500	12.018				

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\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 23:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	75595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72838	51.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.379	113	51248	51.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.646	98	166906	48.818	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	68539	52.261	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	58744	50.771	ug/l	99
3) Chloromethane	1.306	50	58191	51.862	ug/l	100
4) Vinyl Chloride	1.373	62	53002	50.755	ug/l	99
5) Bromomethane	1.593	94	25033	51.684	ug/l	96
6) Chloroethane	1.666	64	30434	54.593	ug/l	97
7) Trichlorofluoromethane	1.873	101	82500	53.456	ug/l	98
8) Diethyl Ether	2.135	74	27902	53.109	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	51852	54.290	ug/l	98
10) Methyl Iodide	2.446	142	61870	54.746	ug/l	99
11) Tert butyl alcohol	2.977	59	60208	304.346	ug/l	100
12) 1,1-Dichloroethene	2.312	96	48375	53.968	ug/l	99
13) Acrolein	2.239	56	58607	260.135	ug/l	97
14) Allyl chloride	2.660	41	97730	57.048	ug/l	98
15) Acrylonitrile	3.062	53	173316	306.388	ug/l	98
16) Acetone	2.385	43	173309	306.700	ug/l	98
17) Carbon Disulfide	2.501	76	106201	49.974	ug/l	99
18) Methyl Acetate	2.702	43	95629	72.928	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	181490	57.751	ug/l	100
20) Methylene Chloride	2.782	84	57598	53.190	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	49361	54.758	ug/l	99
22) Diisopropyl ether	3.763	45	192761	58.251	ug/l	92
23) Vinyl Acetate	3.720	43	794115	272.844	ug/l	100
24) 1,1-Dichloroethane	3.605	63	106699	57.891	ug/l	99
25) 2-Butanone	4.556	43	257579	313.979	ug/l	100
26) 2,2-Dichloropropane	4.470	77	68568	47.530	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60126	55.407	ug/l	99
28) Bromochloromethane	4.891	49	46727	52.669	ug/l	97
29) Tetrahydrofuran	5.007	42	158653	308.625	ug/l	99
30) Chloroform	5.092	83	110181	57.353	ug/l	98
31) Cyclohexane	5.464	56	91288	54.352	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	95050	57.076	ug/l	99
36) 1,1-Dichloropropene	5.684	75	69863	52.638	ug/l	100
37) Ethyl Acetate	4.714	43	89214	54.406	ug/l	99
38) Carbon Tetrachloride	5.671	117	79543	53.339	ug/l	97
39) Methylcyclohexane	7.378	83	86371	50.548	ug/l	97
40) Benzene	6.031	78	211962	54.523	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 23:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	53225	62.048	ug/l		98
42) 1,2-Dichloroethane	6.086	62	92252	54.982	ug/l		100
43) Isopropyl Acetate	6.336	43	143596	57.401	ug/l		99
44) Trichloroethene	7.122	130	50094	53.538	ug/l		97
45) 1,2-Dichloropropane	7.427	63	55500	57.413	ug/l		97
46) Dibromomethane	7.580	93	42470	55.704	ug/l		98
47) Bromodichloromethane	7.817	83	85543	56.966	ug/l		98
48) Methyl methacrylate	7.689	41	77541	60.693	ug/l		99
49) 1,4-Dioxane	7.659	88	28598	1178.909	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	517228	311.483	ug/l		99
52) Toluene	8.714	92	130901	54.913	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	73739	55.246	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	81651	55.348	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	53419	56.832	ug/l		99
56) Ethyl methacrylate	9.116	69	91496	61.076	ug/l		99
57) 1,3-Dichloropropane	9.305	76	94198	55.802	ug/l		99
59) 2-Hexanone	9.427	43	388936	316.589	ug/l		100
60) Dibromochloromethane	9.518	129	60636	58.740	ug/l		98
61) 1,2-Dibromoethane	9.610	107	54664	55.955	ug/l		97
64) Tetrachloroethene	9.268	164	45910	54.056	ug/l		96
65) Chlorobenzene	10.079	112	141023	53.677	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	50461	56.247	ug/l		100
67) Ethyl Benzene	10.189	91	259964	56.134	ug/l		99
68) m/p-Xylenes	10.299	106	189468	111.859	ug/l		98
69) o-Xylene	10.640	106	93344	56.527	ug/l		95
70) Styrene	10.652	104	157410	58.191	ug/l		99
71) Bromoform	10.799	173	38522	57.193	ug/l	#	97
73) Isopropylbenzene	10.957	105	251401	56.113	ug/l		99
74) N-amyl acetate	10.841	43	125773	56.810	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	86029	54.794	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	76132m	54.961	ug/l		
77) Bromobenzene	11.195	156	56287	54.114	ug/l		100
78) n-propylbenzene	11.305	91	289747	55.620	ug/l		100
79) 2-Chlorotoluene	11.359	91	179671	53.472	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	212036	56.649	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	22568	53.042	ug/l		99
82) 4-Chlorotoluene	11.451	91	207992	55.818	ug/l		100
83) tert-Butylbenzene	11.713	119	206970	54.896	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	213290	56.271	ug/l		99
85) sec-Butylbenzene	11.890	105	258748	55.895	ug/l		99
86) p-Isopropyltoluene	12.006	119	215672	56.443	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	103785	54.672	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	103553	53.414	ug/l		100
89) n-Butylbenzene	12.329	91	190304	56.778	ug/l		99
90) Hexachloroethane	12.536	117	37086	55.090	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	105535	55.401	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21154	60.819	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	59819	54.673	ug/l		99
94) Hexachlorobutadiene	13.725	225	24392	51.045	ug/l		97
95) Naphthalene	13.774	128	227943	56.803	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	61757	54.703	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 23:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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

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

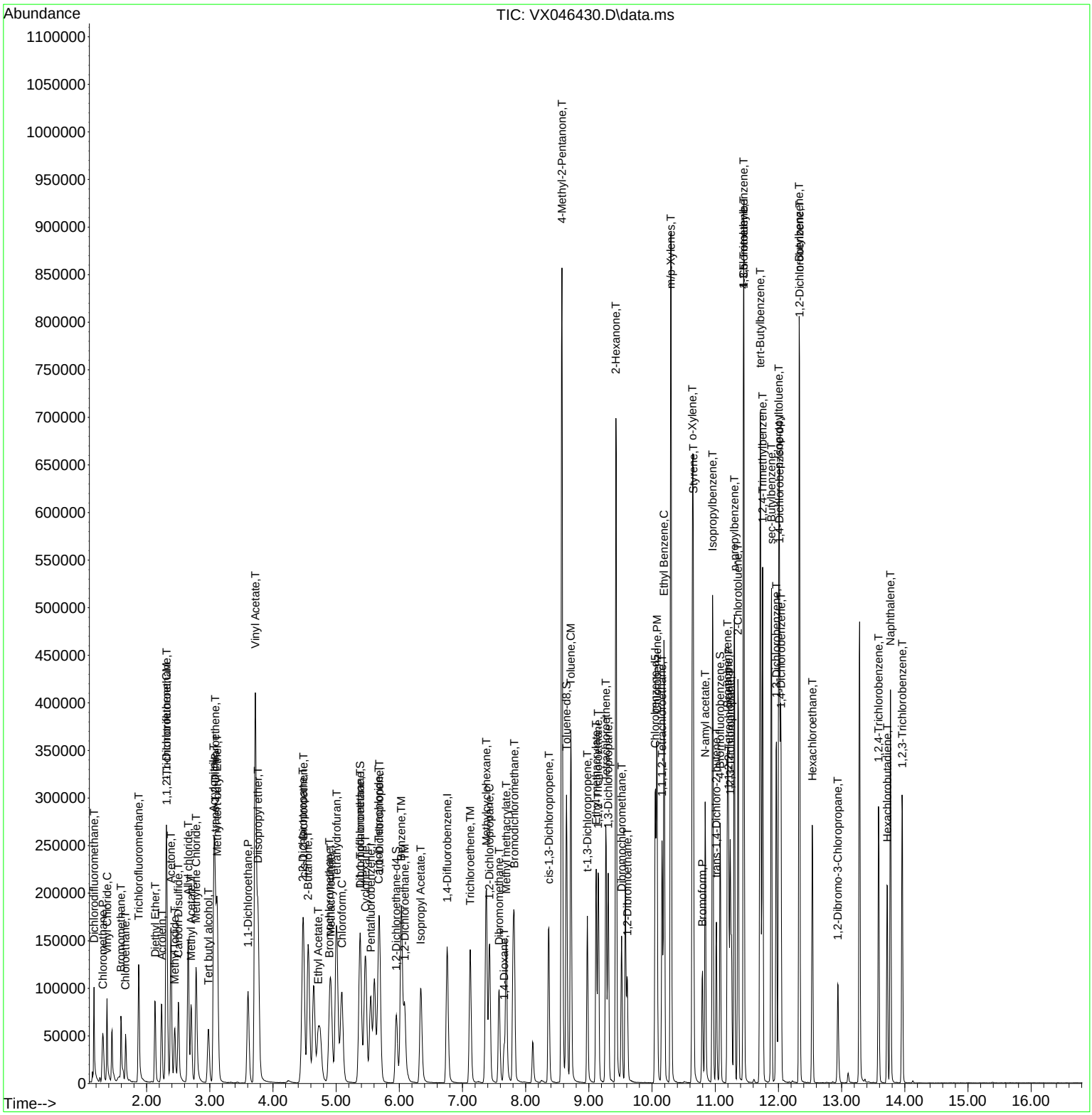
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Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

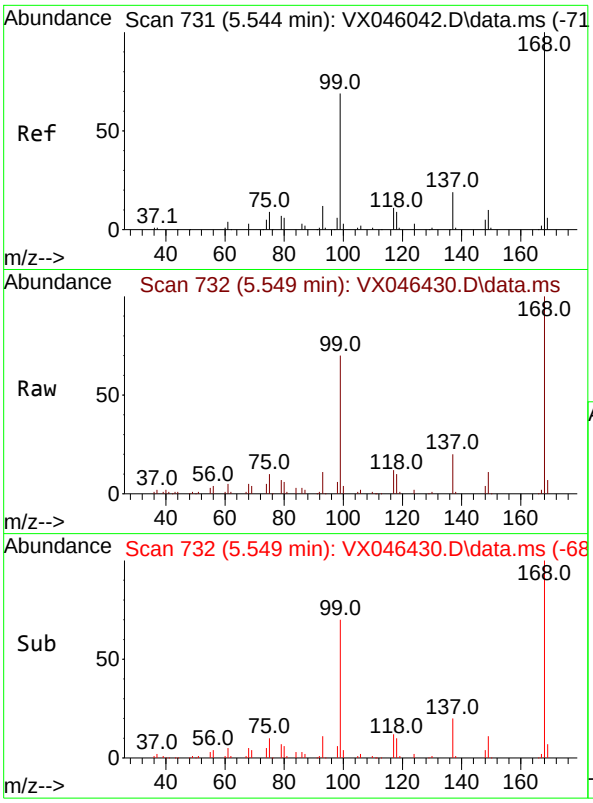
Quant Time: May 30 23:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

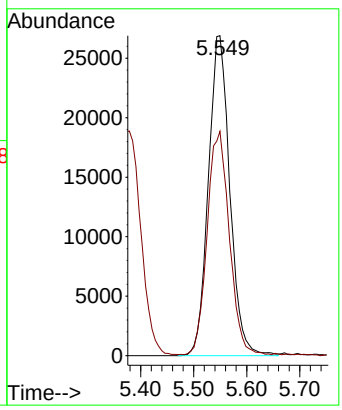




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:168 Resp: 7559

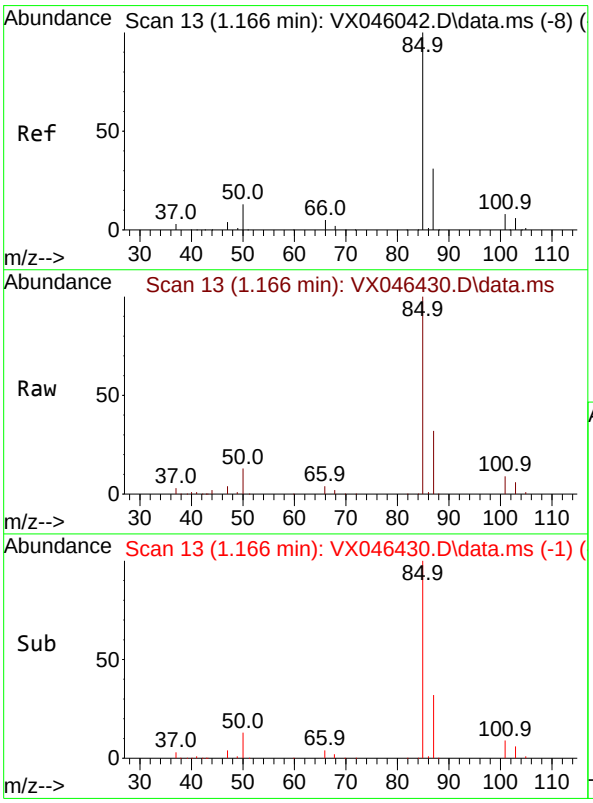
Ion	Ratio	Lower	Upper
168	100		
99	69.8	54.9	82.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

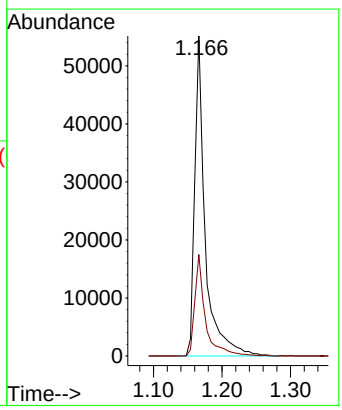
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

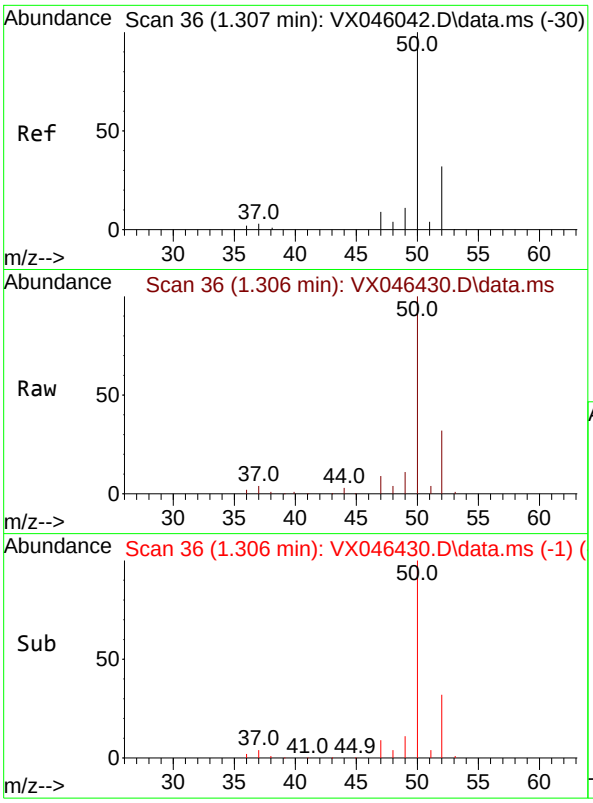


#2
Dichlorodifluoromethane
Concen: 50.771 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 85 Resp: 58744

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.7	47.1

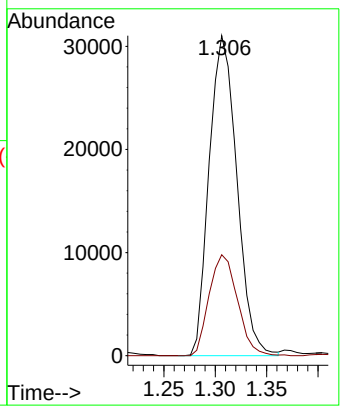




#3
Chloromethane
Concen: 51.862 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 50 Resp: 5819

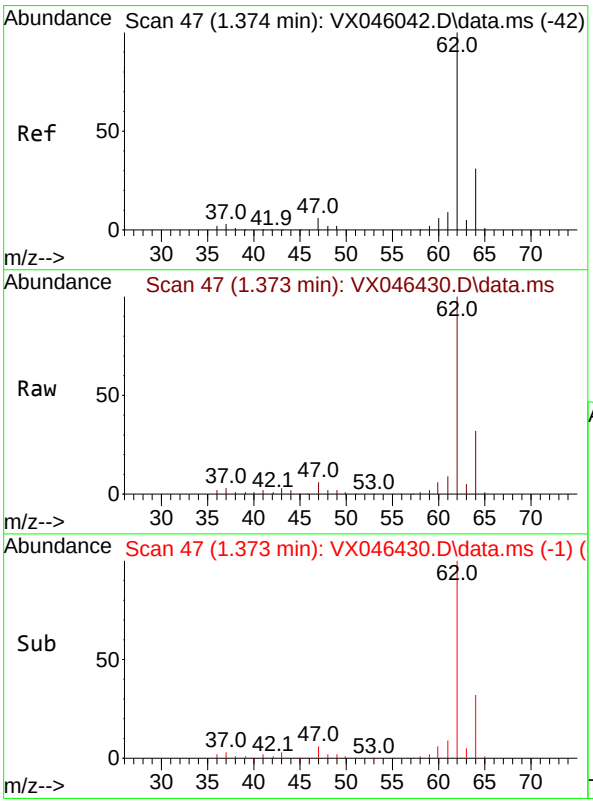
Ion	Ratio	Lower	Upper
50	100		
52	31.5	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

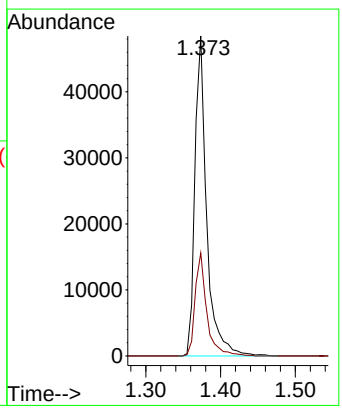
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

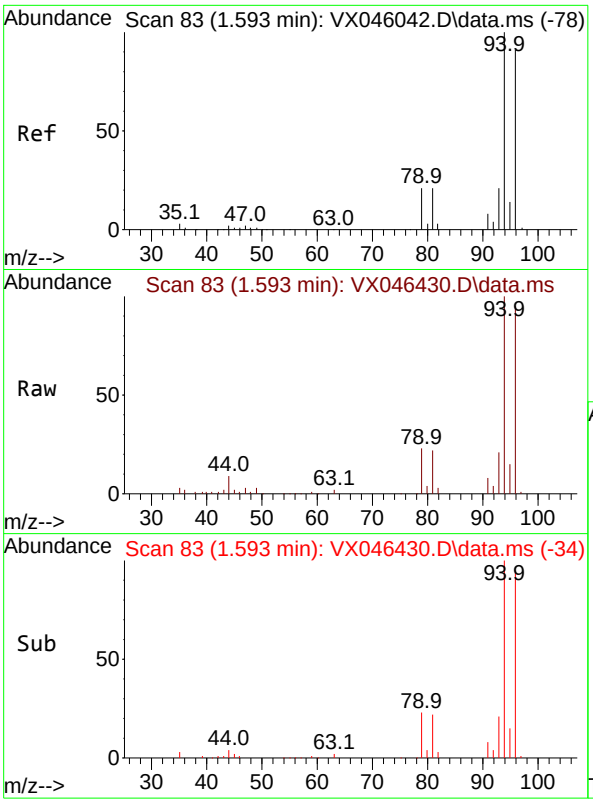


#4
Vinyl Chloride
Concen: 50.755 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 62 Resp: 53002

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.2	37.8

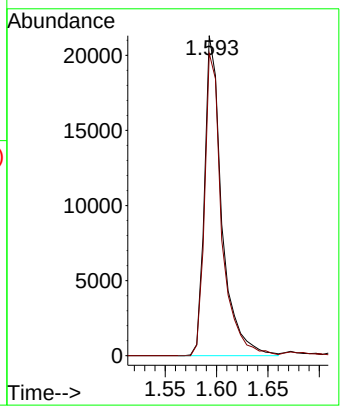




#5
Bromomethane
Concen: 51.684 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 94 Resp: 2503

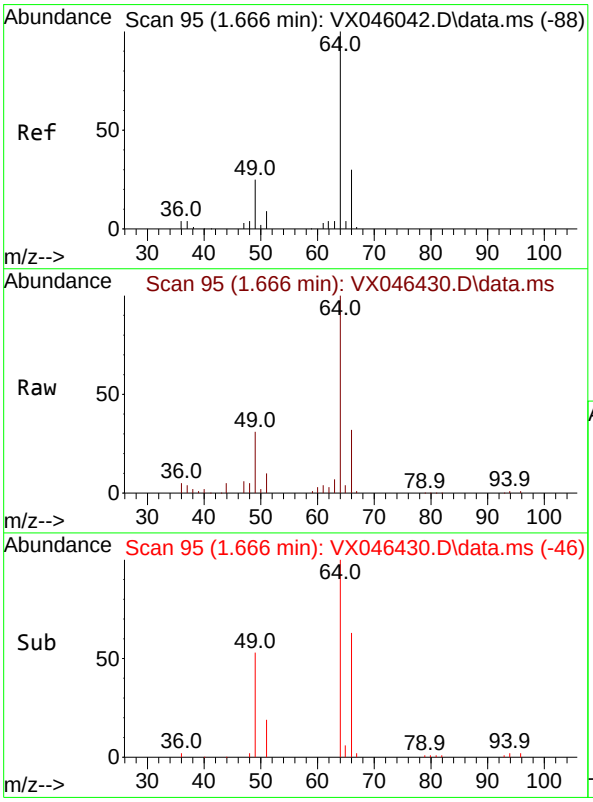
Ion	Ratio	Lower	Upper
94	100		
96	94.5	72.8	109.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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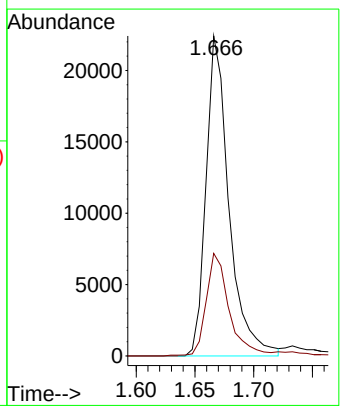
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

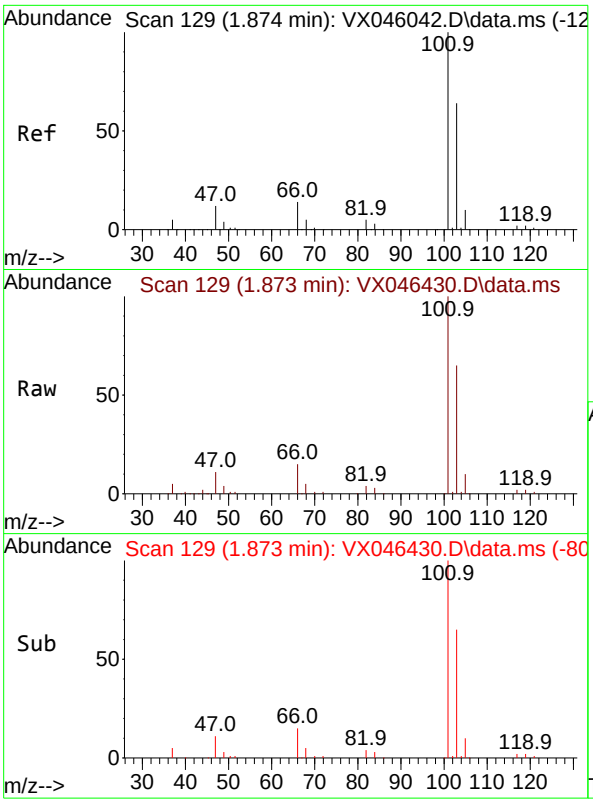


#6
Chloroethane
Concen: 54.593 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 64 Resp: 30434

Ion	Ratio	Lower	Upper
64	100		
66	31.8	24.3	36.5

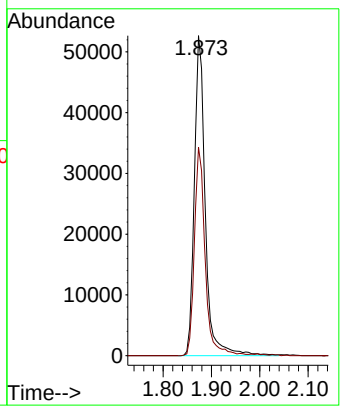




#7
Trichlorofluoromethane
Concen: 53.456 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:101 Resp: 8250

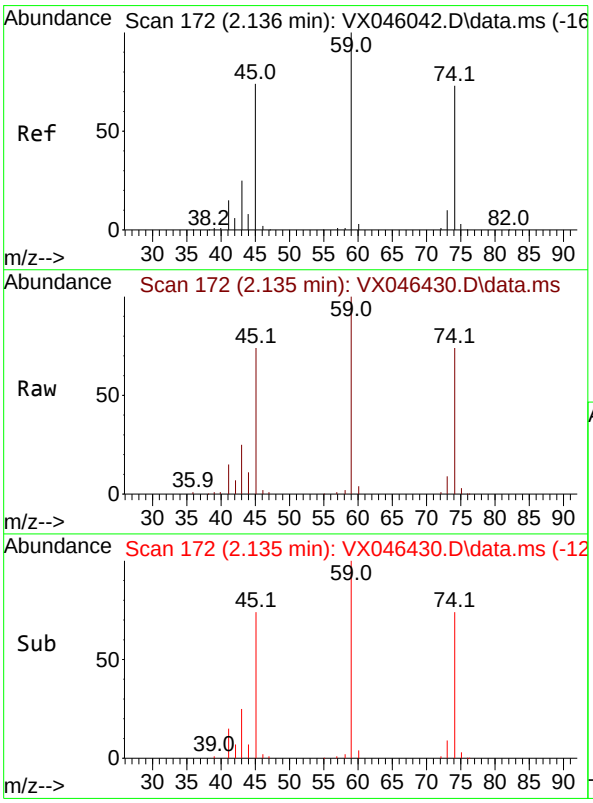
Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.0	76.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

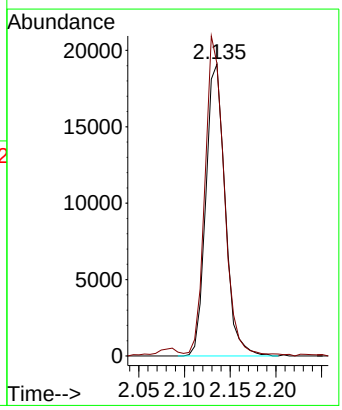
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

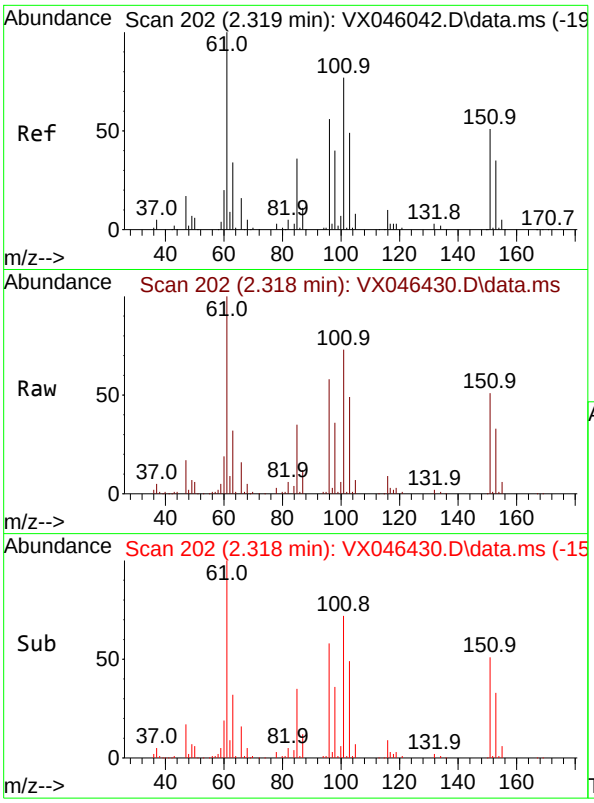


#8
Diethyl Ether
Concen: 53.109 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 74 Resp: 27902

Ion	Ratio	Lower	Upper
74	100		
45	109.7	54.9	164.8

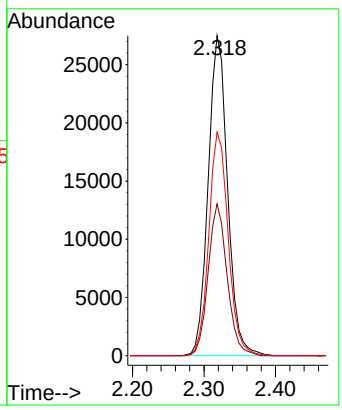




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.290 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:101 Resp: 5185

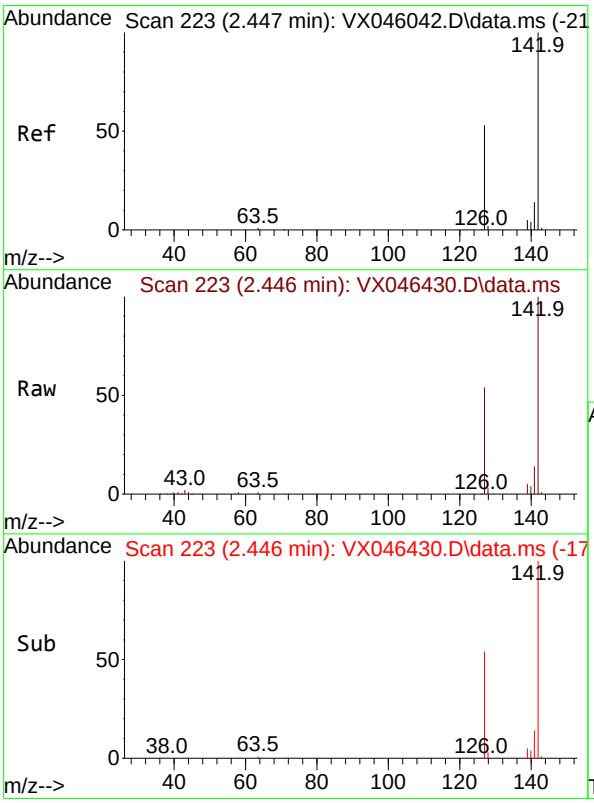
Ion	Ratio	Lower	Upper
101	100		
85	46.5	38.6	58.0
151	69.9	55.2	82.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

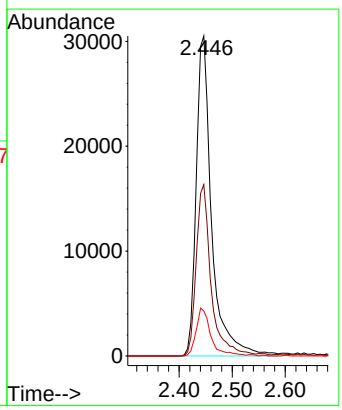
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

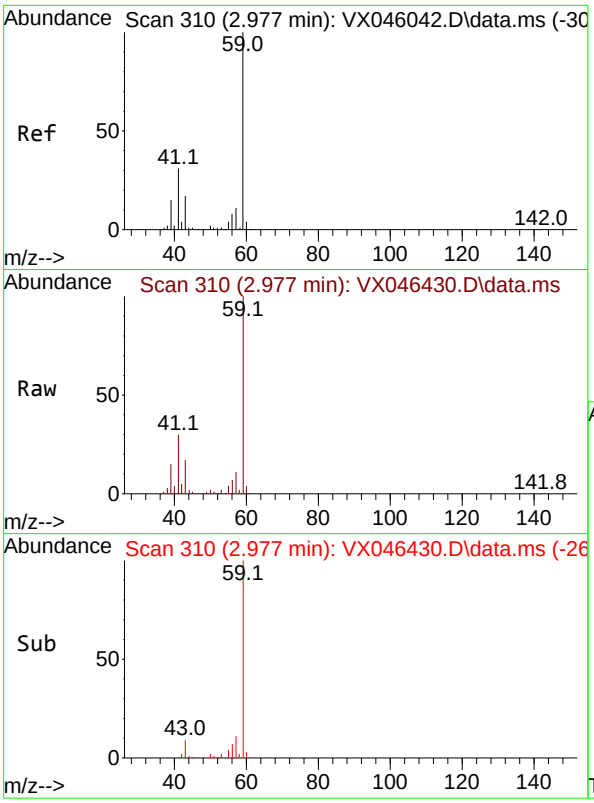


#10
Methyl Iodide
Concen: 54.746 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:142 Resp: 61870

Ion	Ratio	Lower	Upper
142	100		
127	51.5	41.7	62.5
141	14.1	11.5	17.3





#11
Tert butyl alcohol
Concen: 304.346 ug/l
RT: 2.977 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

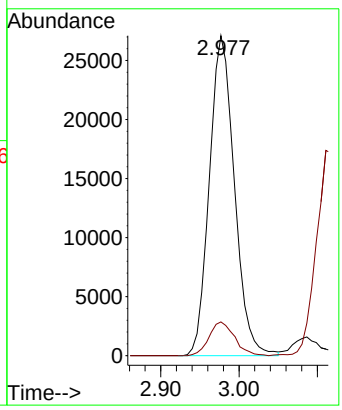
Tgt Ion: 59 Resp: 6020

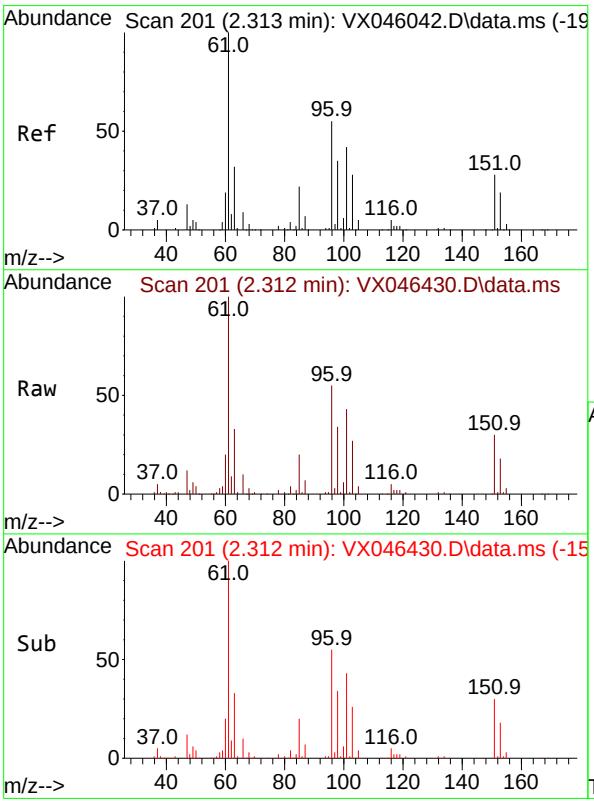
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

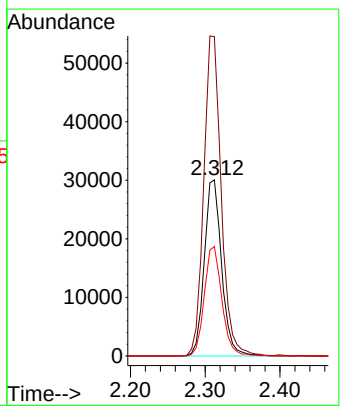


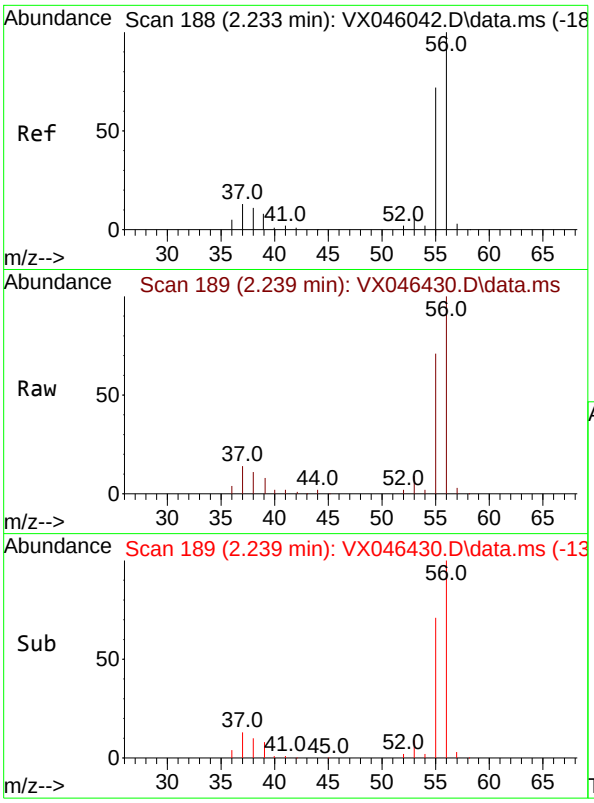


#12
1,1-Dichloroethene
Concen: 53.968 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 96 Resp: 48375

Ion	Ratio	Lower	Upper
96	100		
61	181.3	146.2	219.2
98	62.2	51.0	76.6

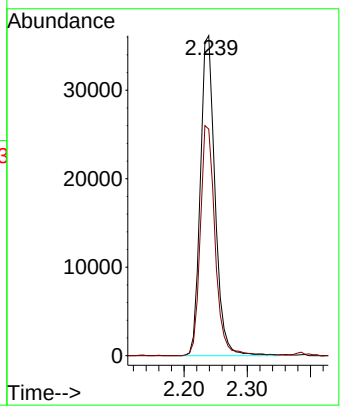




#13
Acrolein
Concen: 260.135 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 56 Resp: 5860

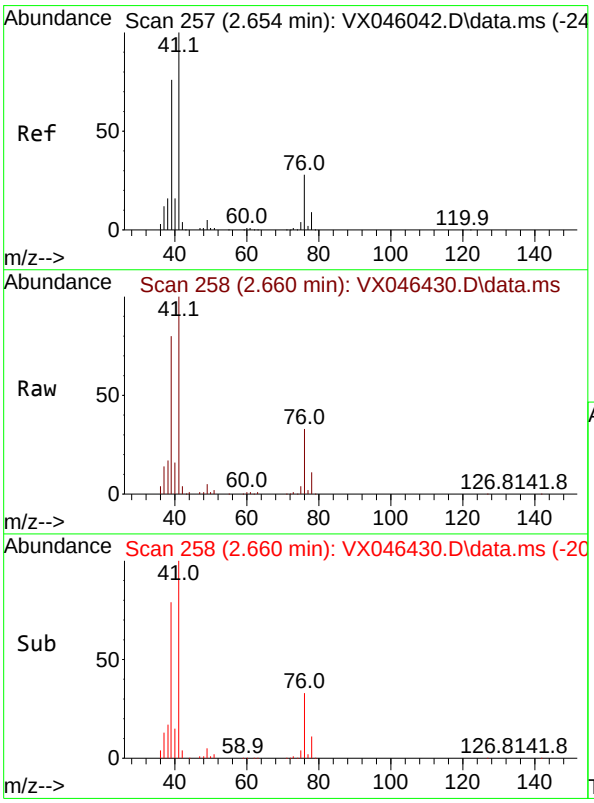
Ion	Ratio	Lower	Upper
56	100		
55	72.5	56.2	84.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

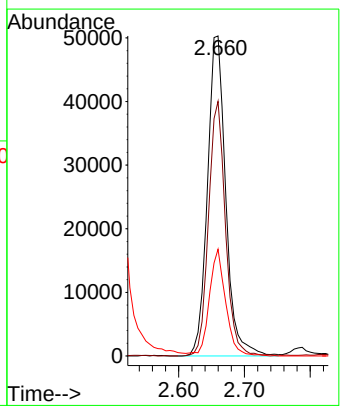
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

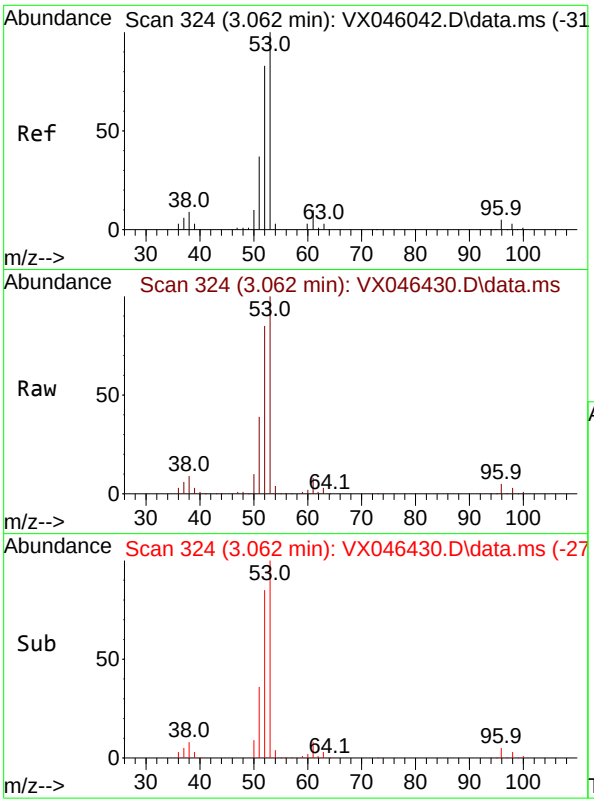


#14
Allyl chloride
Concen: 57.048 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 41 Resp: 97730

Ion	Ratio	Lower	Upper
41	100		
39	73.7	60.6	90.8
76	29.7	24.9	37.3

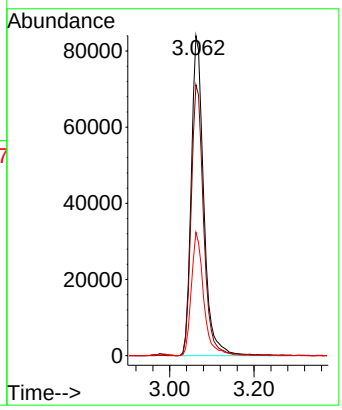




#15
Acrylonitrile
Concen: 306.388 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 53 Resp: 17331

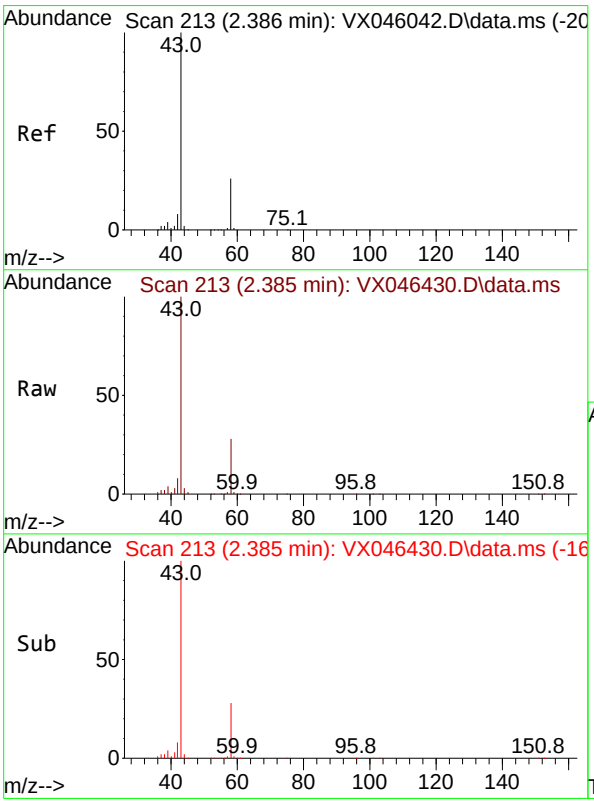
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.3	97.9
51	38.2	29.8	44.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

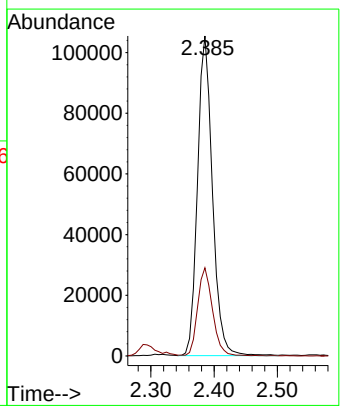
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

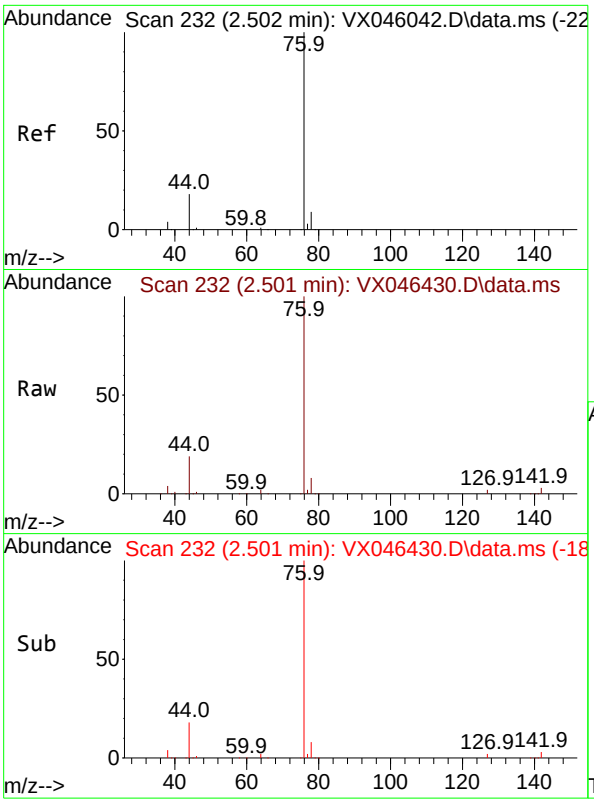


#16
Acetone
Concen: 306.700 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 173309

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8





#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

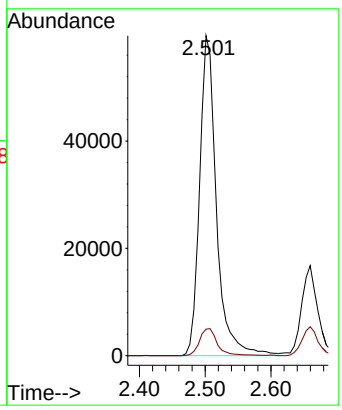
Tgt Ion: 76 Resp: 10620

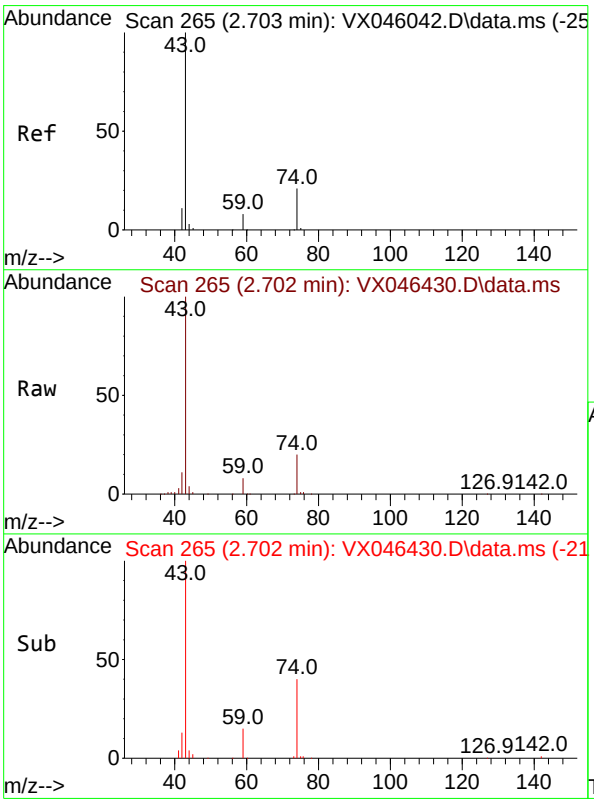
Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

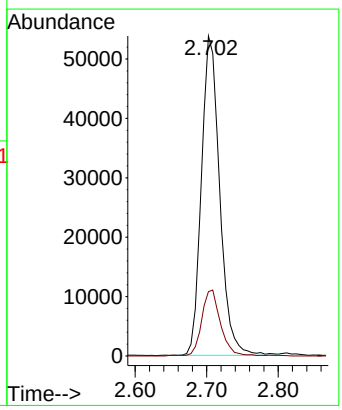


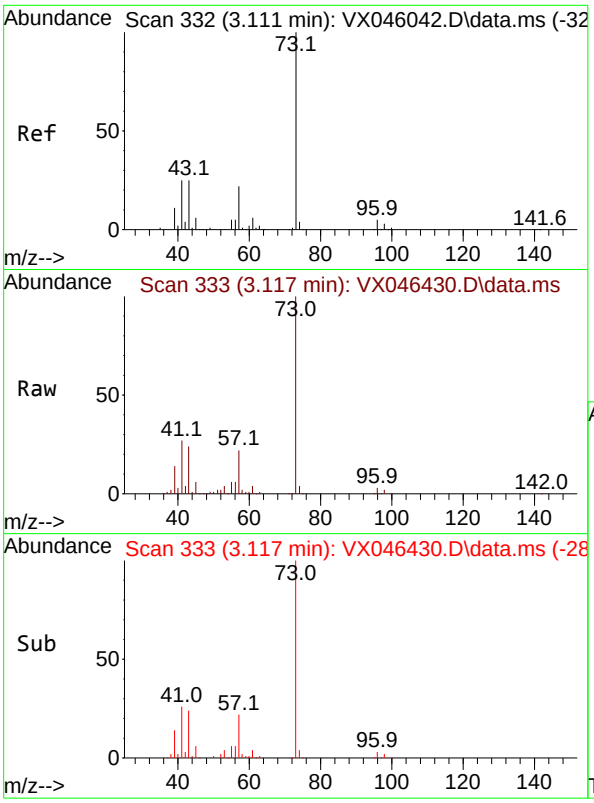


#18
Methyl Acetate
Concen: 72.928 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 95629

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1

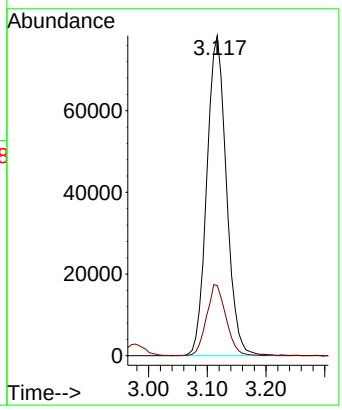




#19
Methyl tert-butyl Ether
Concen: 57.751 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 73 Resp: 18149

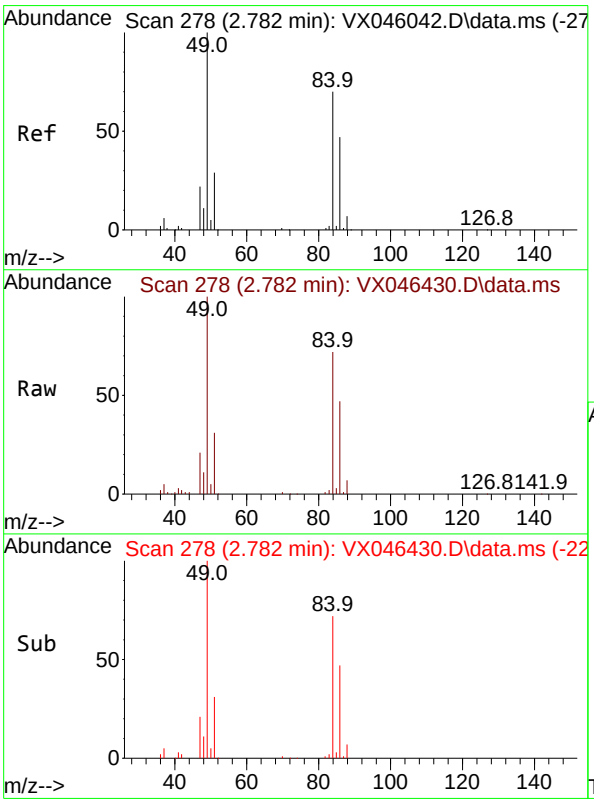
Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

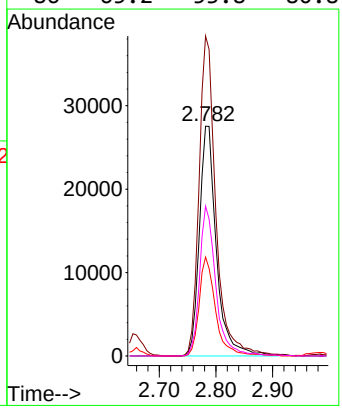
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

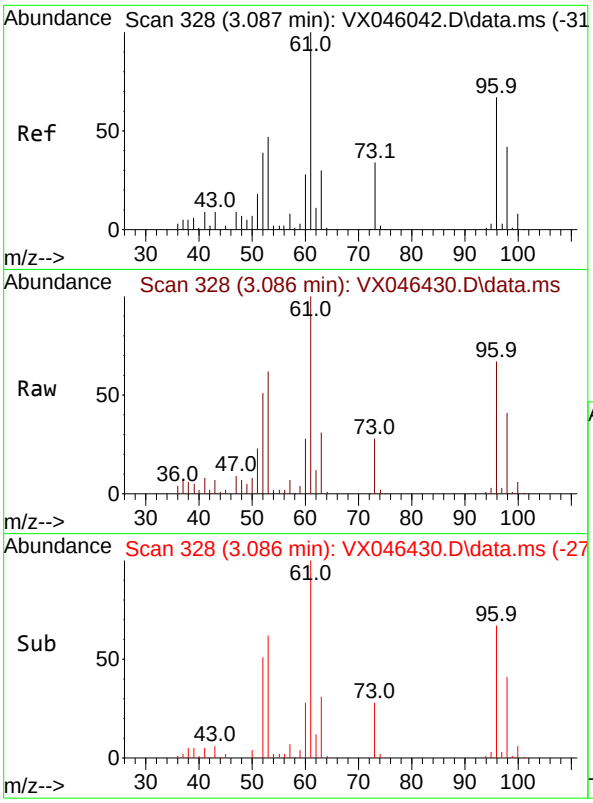


#20
Methylene Chloride
Concen: 53.190 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 84 Resp: 57598

Ion	Ratio	Lower	Upper
84	100		
49	139.3	113.9	170.9
51	43.1	33.5	50.3
86	65.2	53.8	80.8





#21
trans-1,2-Dichloroethene
Concen: 54.758 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

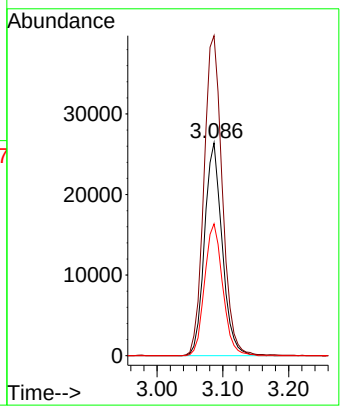
Tgt Ion: 96 Resp: 4936

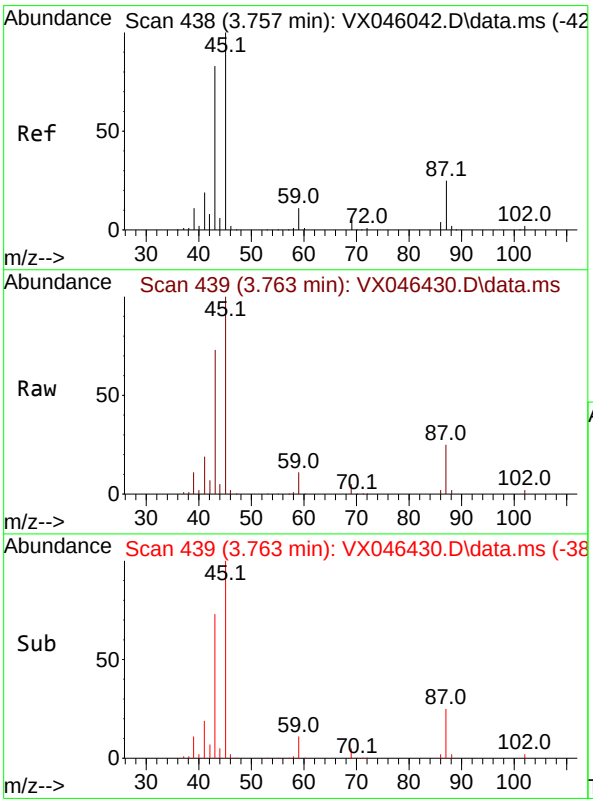
Ion	Ratio	Lower	Upper
96	100		
61	150.4	119.5	179.3
98	61.9	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

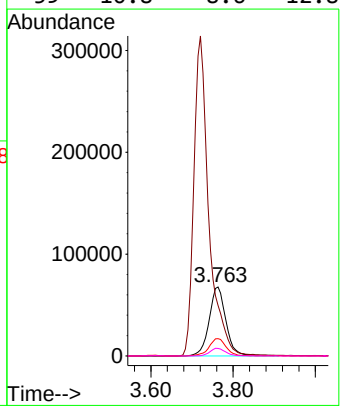


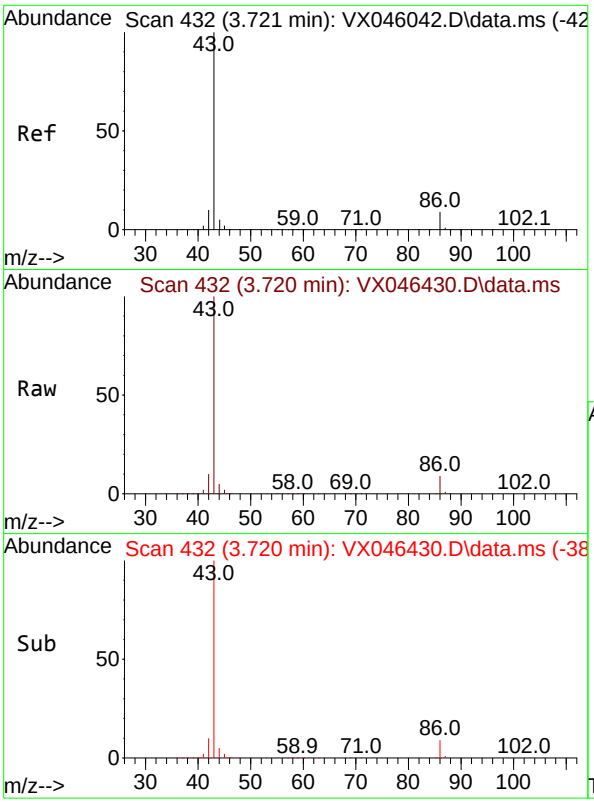


#22
Diisopropyl ether
Concen: 58.251 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 45 Resp: 192761

Ion	Ratio	Lower	Upper
45	100		
43	73.4	66.6	100.0
87	25.1	19.8	29.6
59	10.8	8.6	12.8

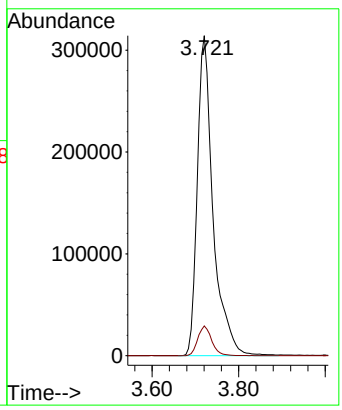




#23
Vinyl Acetate
Concen: 272.844 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 79411

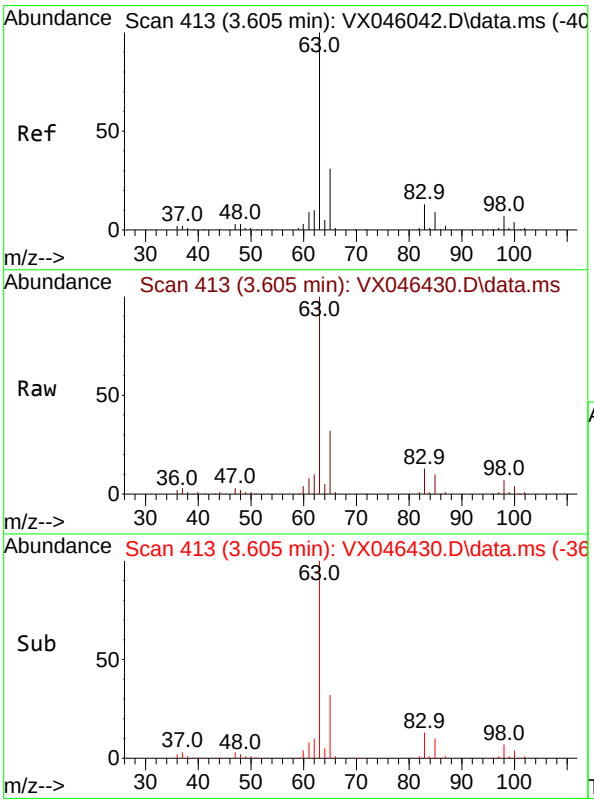
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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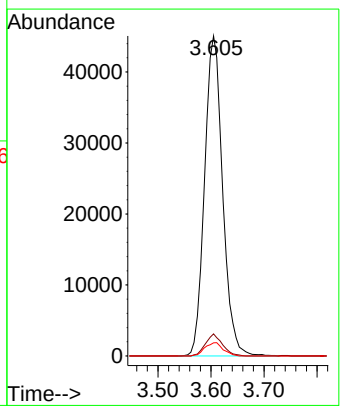
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

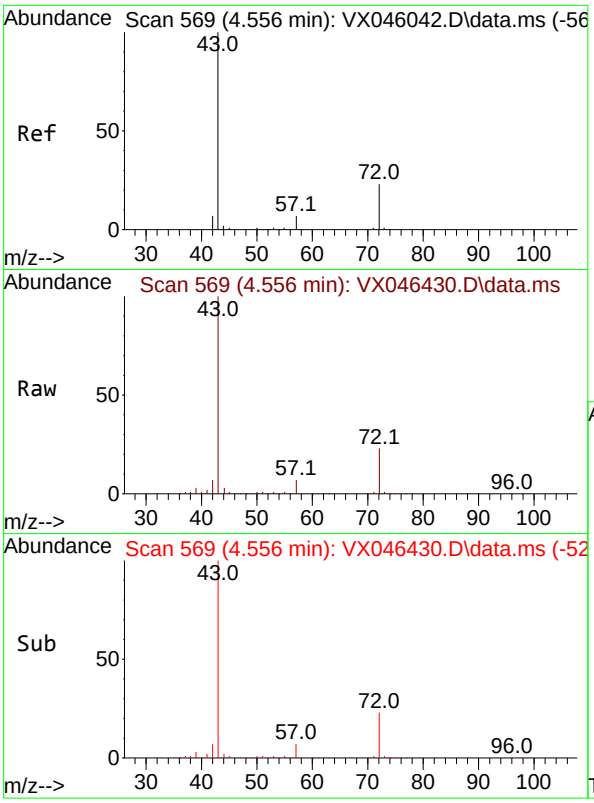


#24
1,1-Dichloroethane
Concen: 57.891 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 63 Resp: 106699

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	4.1	2.1	6.3

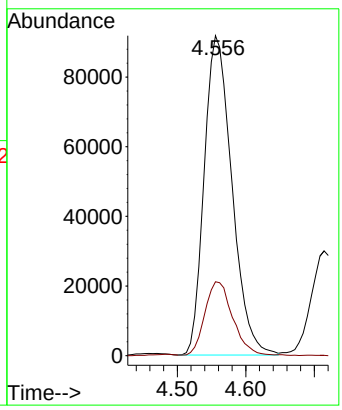




#25
2-Butanone
Concen: 313.979 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 25757

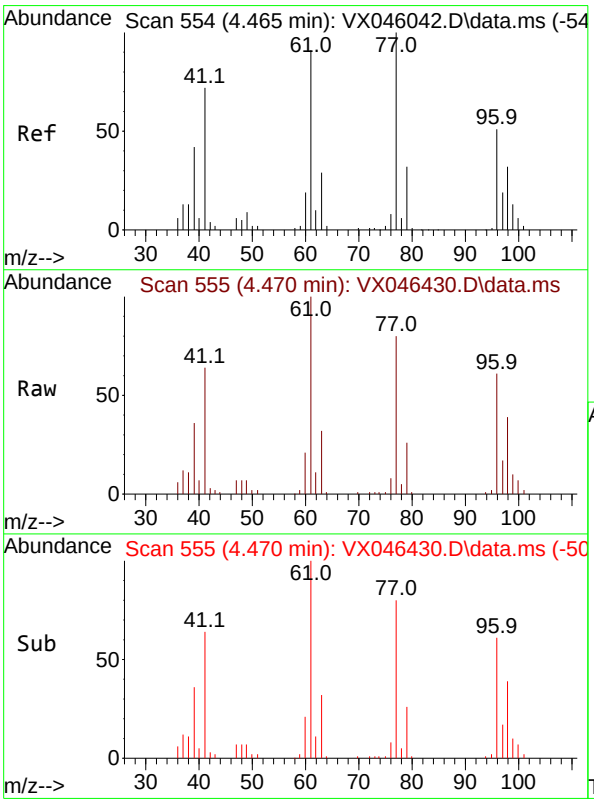
Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

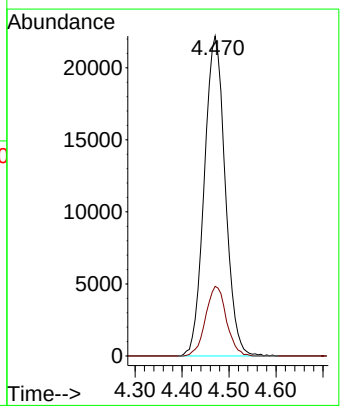
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

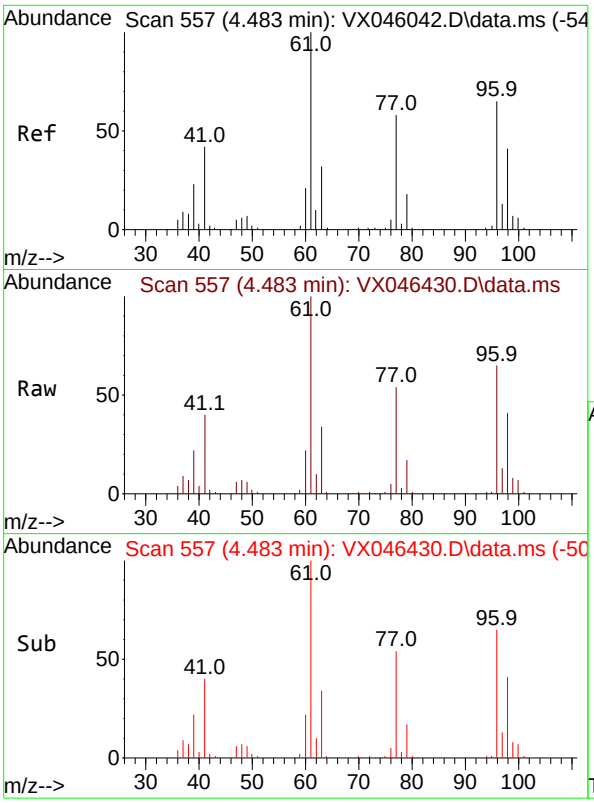


#26
2,2-Dichloropropane
Concen: 47.530 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 77 Resp: 68568

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5

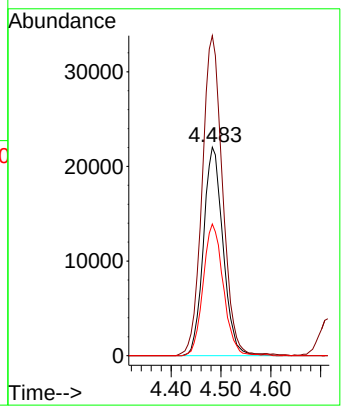




#27
cis-1,2-Dichloroethene
Concen: 55.407 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 96 Resp: 6012

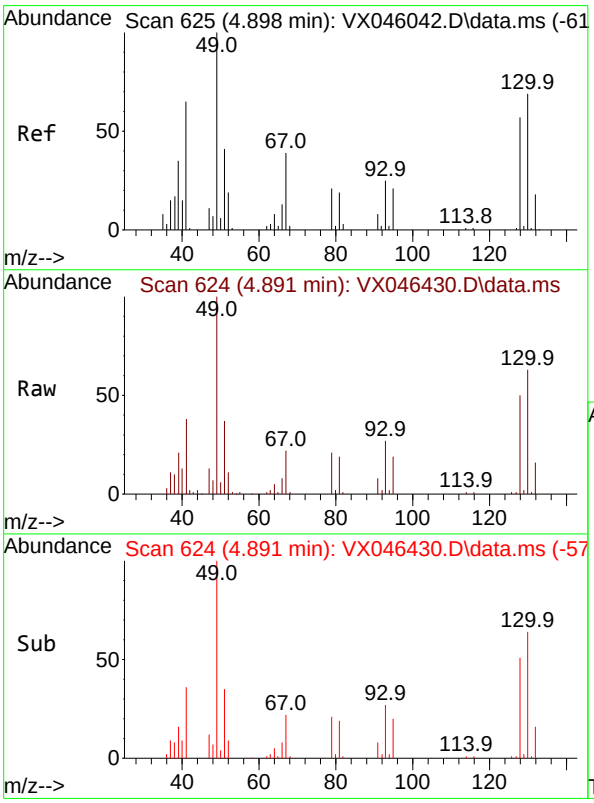
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	322.8
98	64.8	0.0	129.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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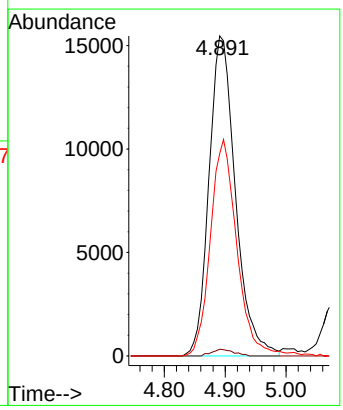
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

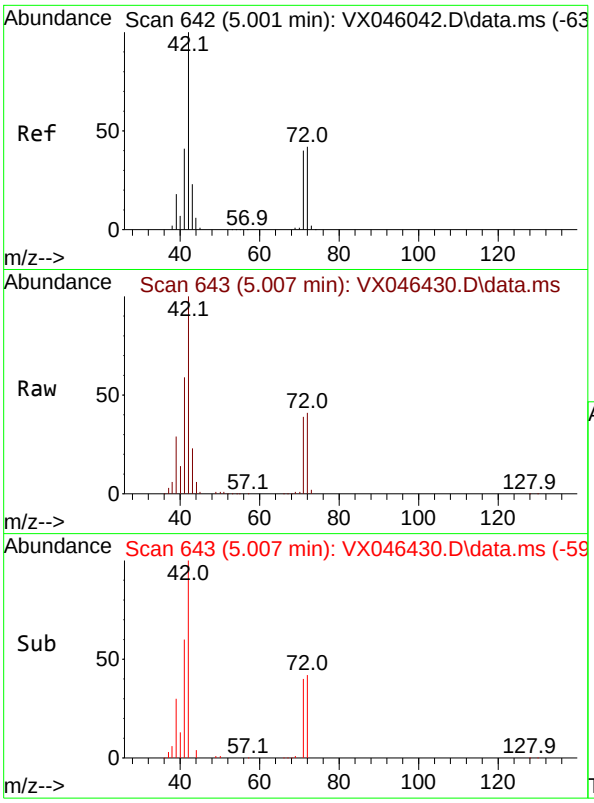


#28
Bromochloromethane
Concen: 52.669 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 49 Resp: 46727

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	67.6	56.2	84.2





#29
Tetrahydrofuran
Concen: 308.625 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

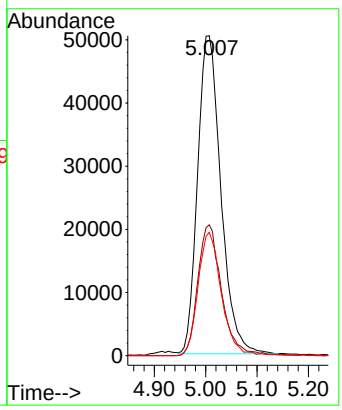
Tgt Ion: 42 Resp: 15865

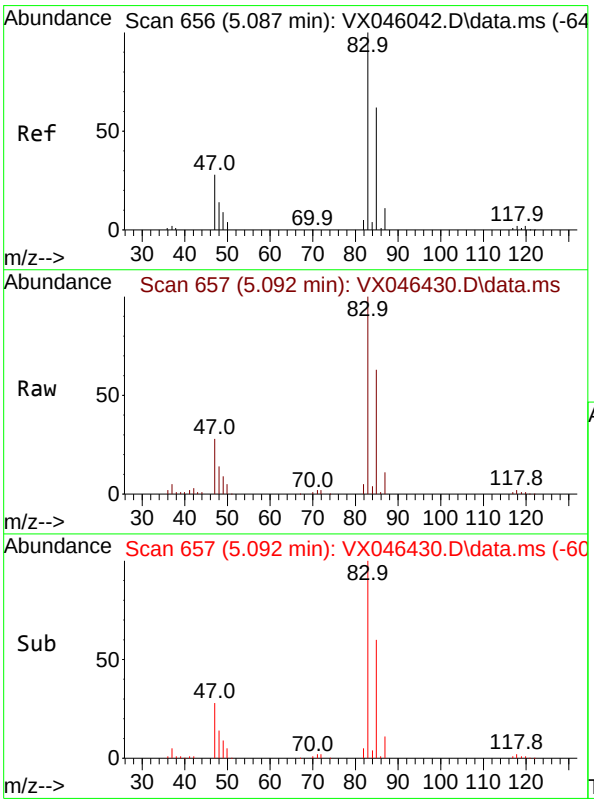
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.7	50.5
71	38.9	31.4	47.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

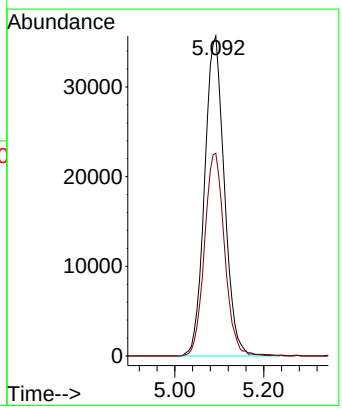


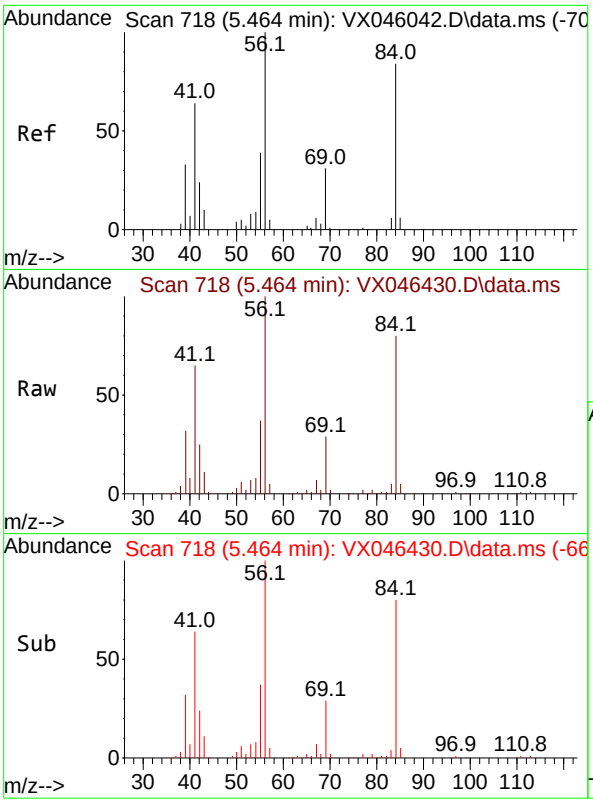


#30
Chloroform
Concen: 57.353 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 83 Resp: 110181

Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.3	73.9





#31
Cyclohexane
Concen: 54.352 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

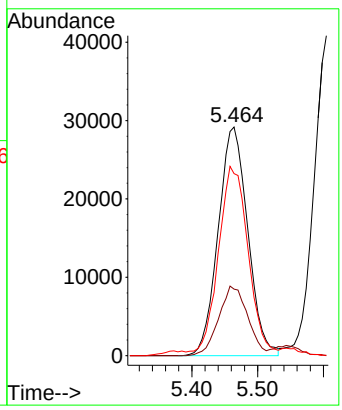
Tgt Ion: 56 Resp: 9128

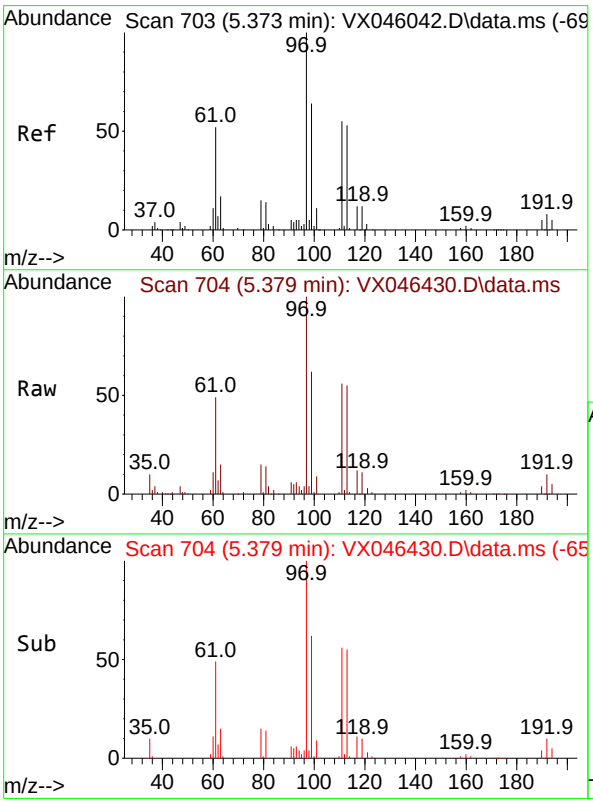
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.4	36.6
84	78.0	66.9	100.3

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

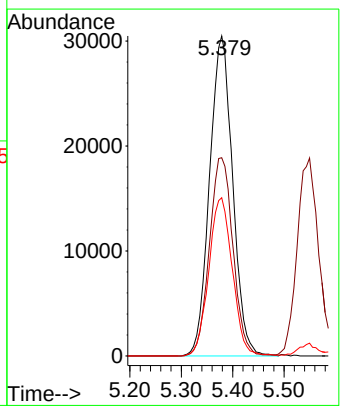


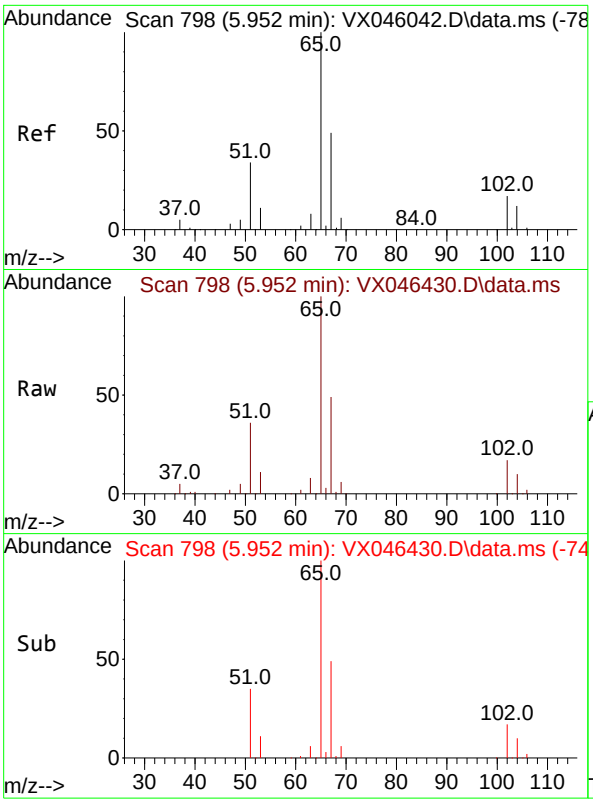


#32
1,1,1-Trichloroethane
Concen: 57.076 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 97 Resp: 95050

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	50.5	40.1	60.1





#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

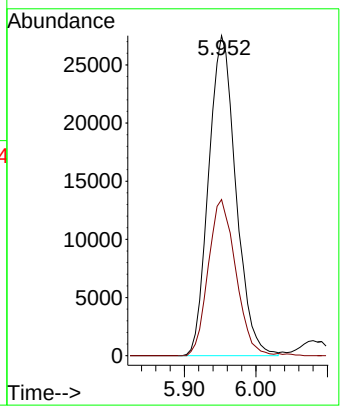
Tgt Ion: 65 Resp: 7283

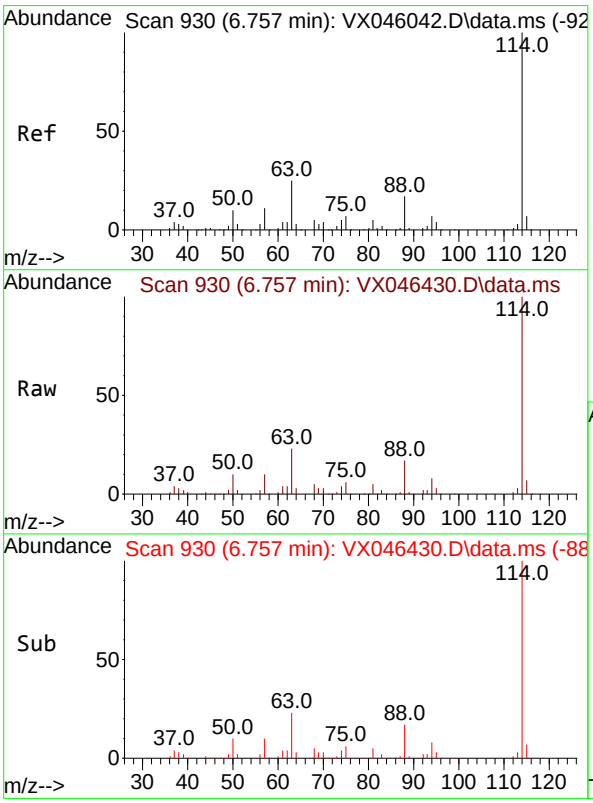
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

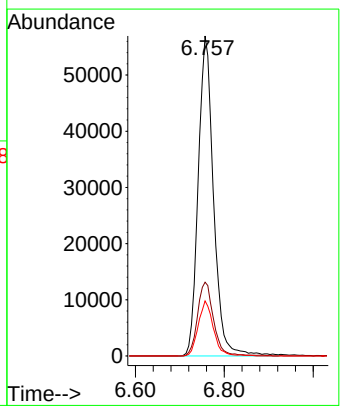


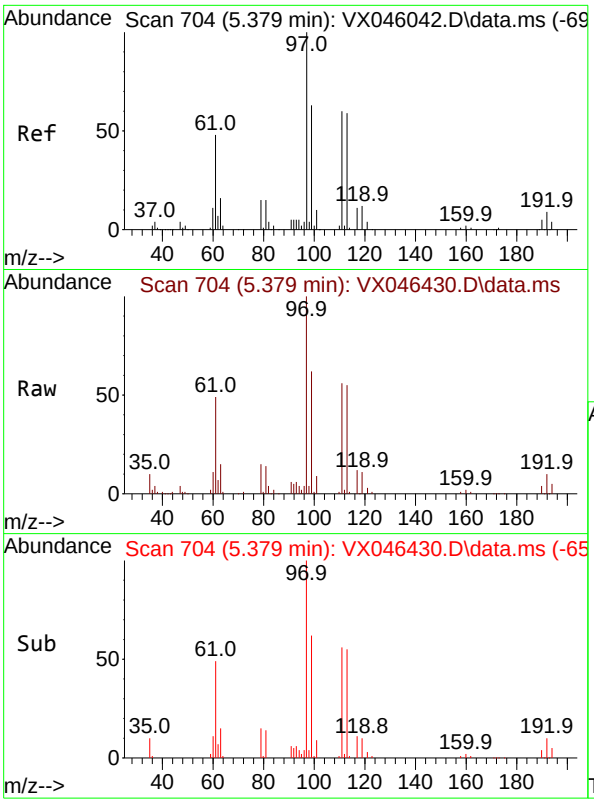


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:114 Resp: 137177

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	49.2
88	17.2	0.0	33.6

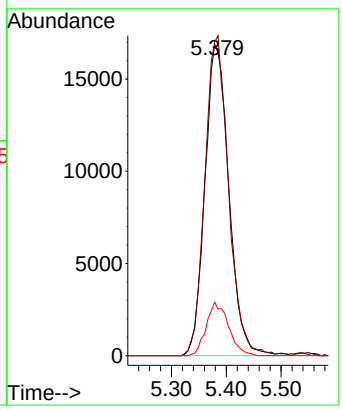




#35
Dibromofluoromethane
Concen: 51.880 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:113 Resp: 5124

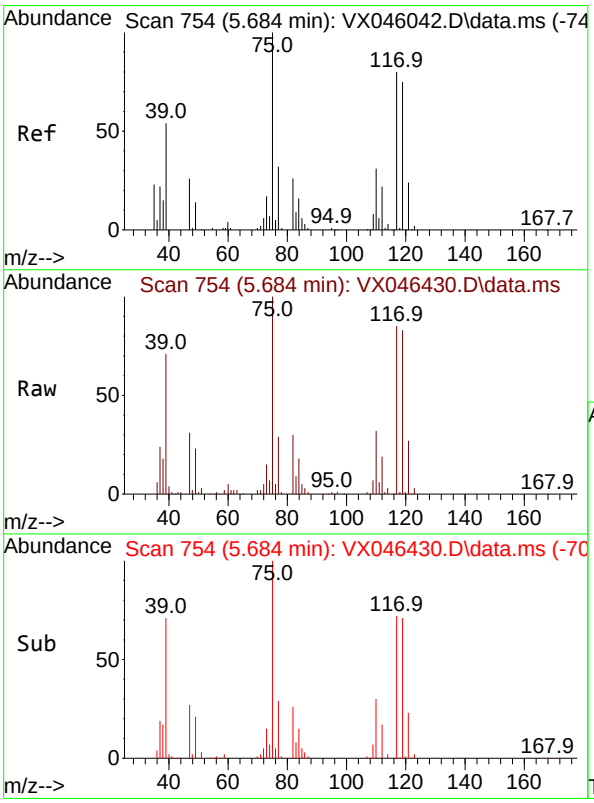
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.1	124.7
192	16.0	13.3	19.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

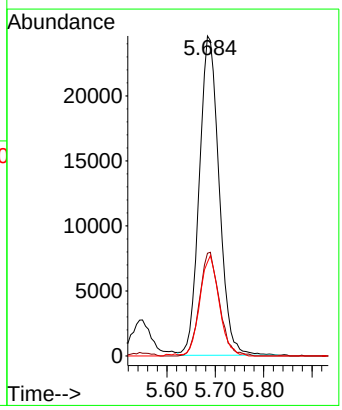
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

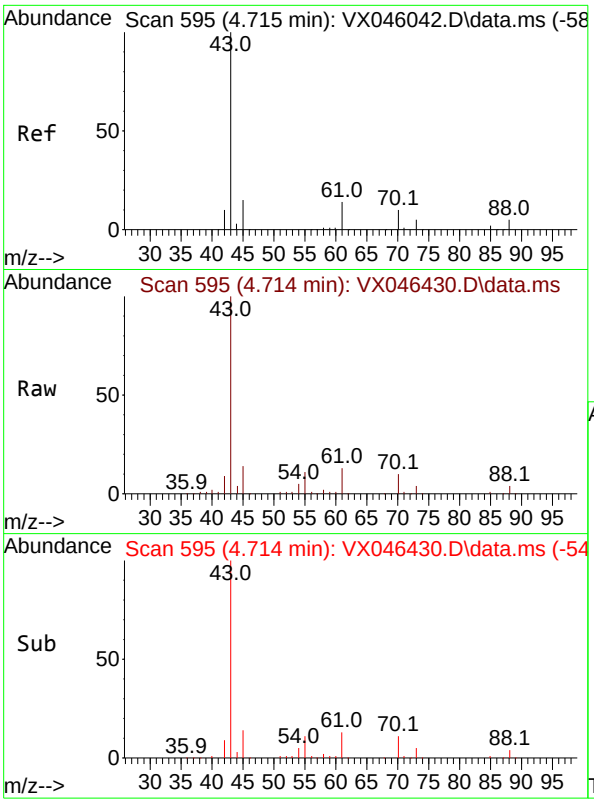


#36
1,1-Dichloropropene
Concen: 52.638 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 69863

Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.3	48.9
77	30.7	24.3	36.5

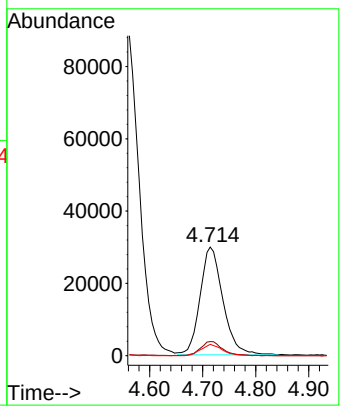




#37
Ethyl Acetate
Concen: 54.406 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 8921

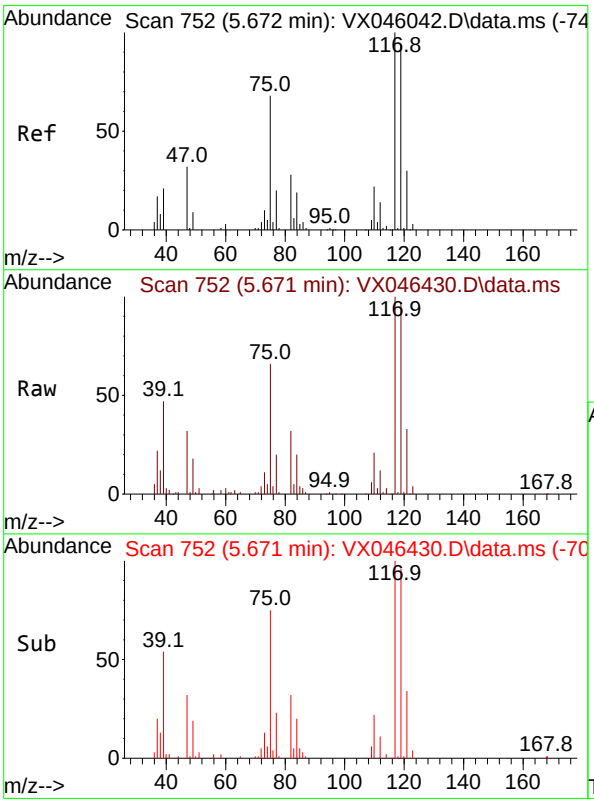
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	9.8	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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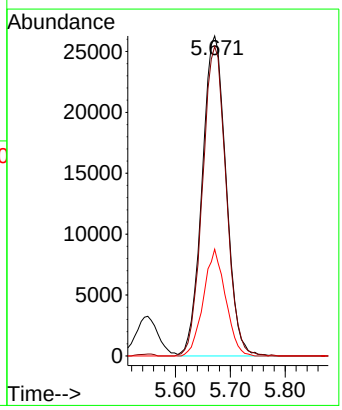
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

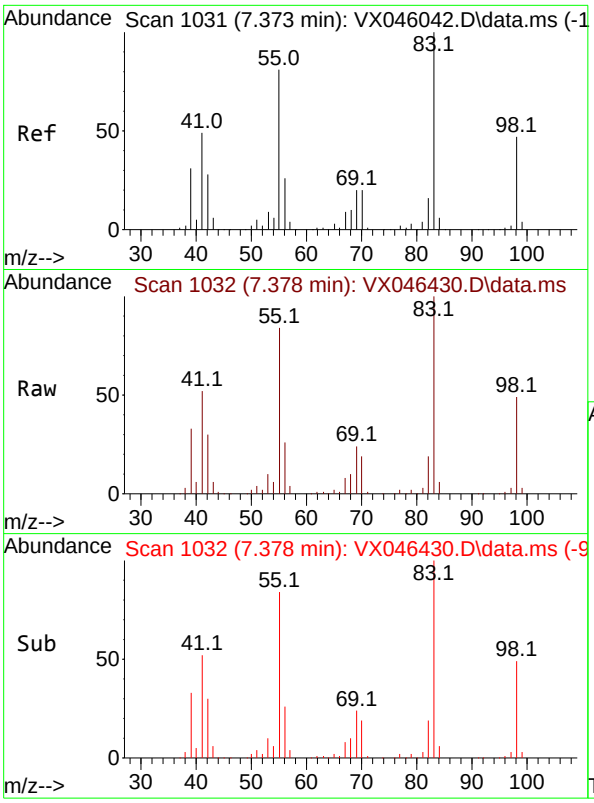


#38
Carbon Tetrachloride
Concen: 53.339 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:117 Resp: 79543

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	33.3	24.2	36.4

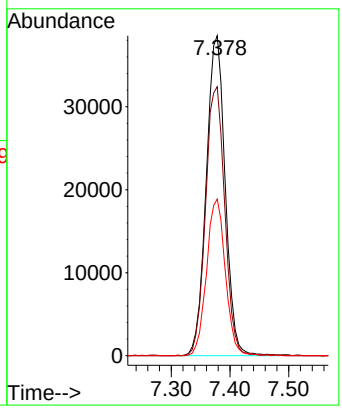




#39
Methylcyclohexane
Concen: 50.548 ug/l
RT: 7.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 83 Resp: 8637

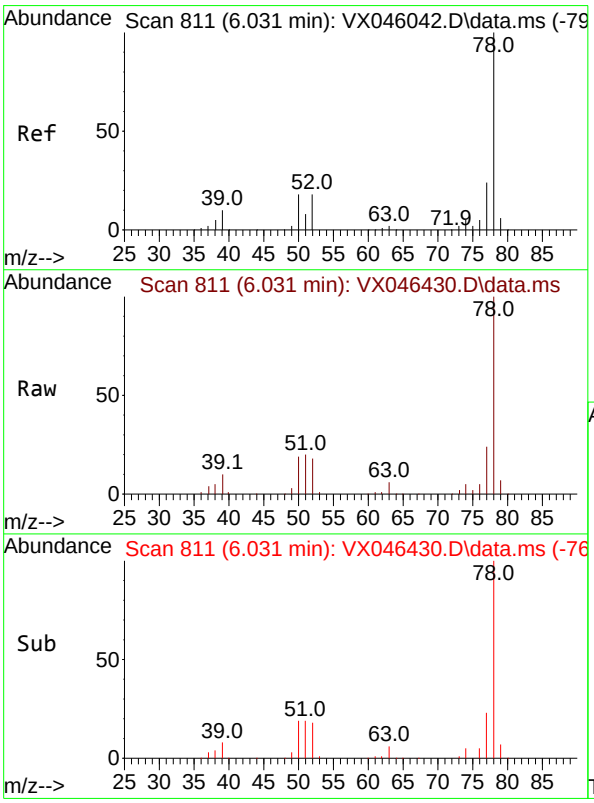
Ion	Ratio	Lower	Upper
83	100		
55	83.9	64.7	97.1
98	48.9	37.4	56.2



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

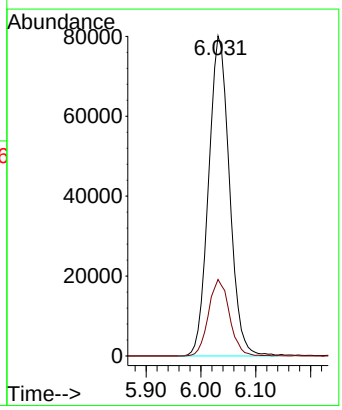
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

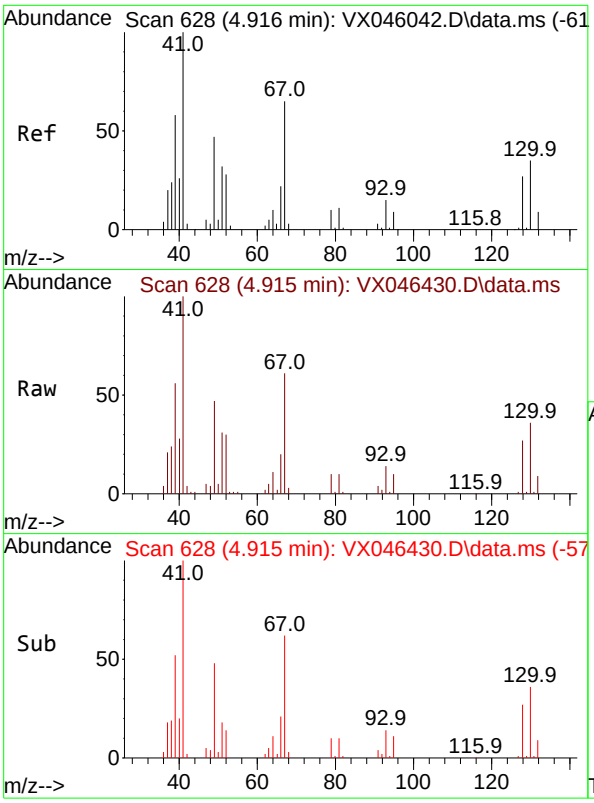


#40
Benzene
Concen: 54.523 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 78 Resp: 211962

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

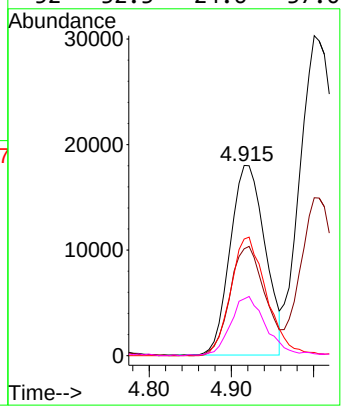




#41
Methacrylonitrile
Concen: 62.048 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 41 Resp: 5322

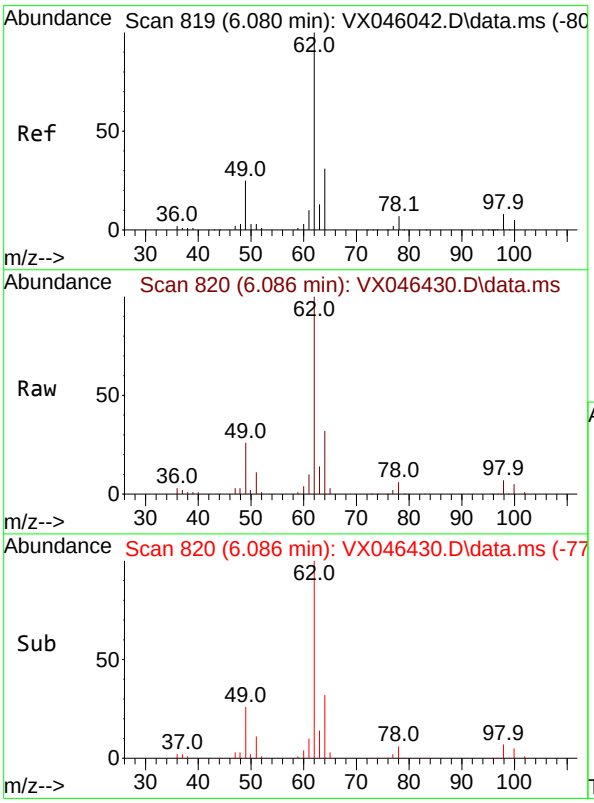
Ion	Ratio	Lower	Upper
41	100		
39	57.4	47.2	70.8
67	64.7	50.7	76.1
52	32.3	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

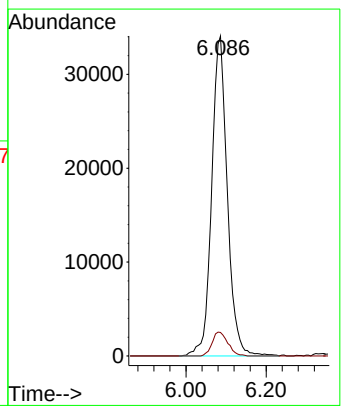
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

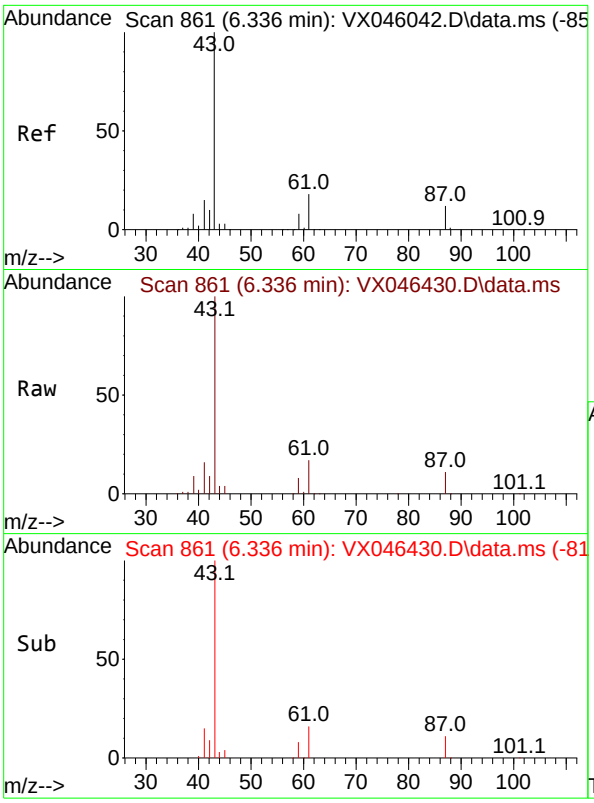


#42
1,2-Dichloroethane
Concen: 54.982 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 62 Resp: 92252

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.2





#43
Isopropyl Acetate
Concen: 57.401 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

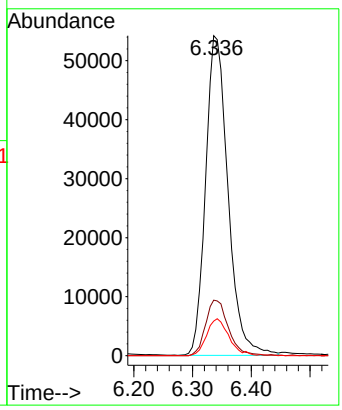
Tgt Ion: 43 Resp: 14359

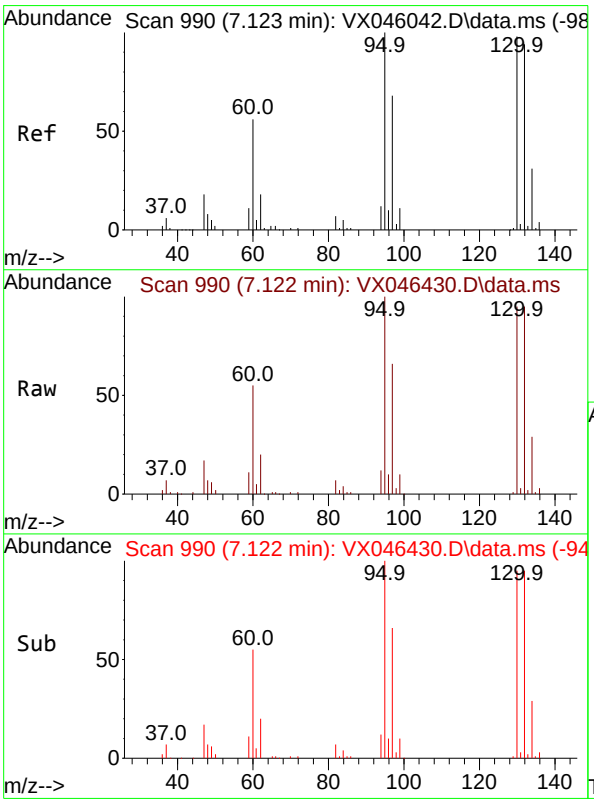
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.3	21.5
87	11.4	9.5	14.3

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

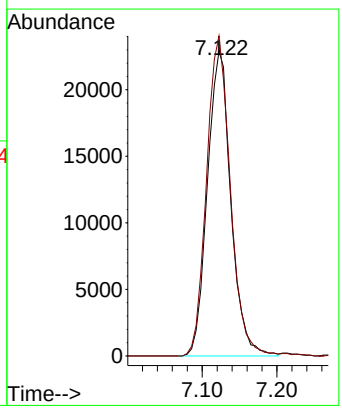


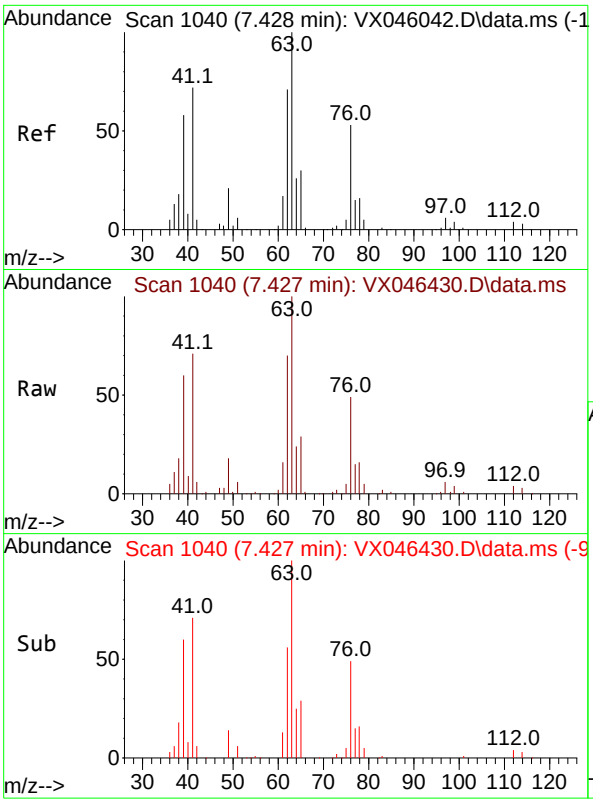


#44
Trichloroethene
Concen: 53.538 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:130 Resp: 50094

Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	204.2

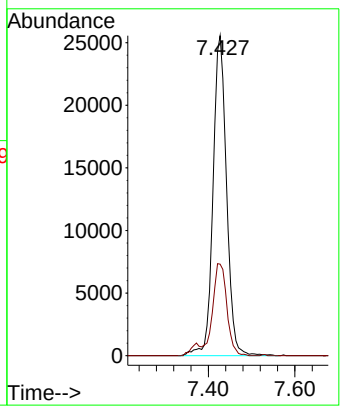




#45
1,2-Dichloropropane
Concen: 57.413 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 63 Resp: 5550

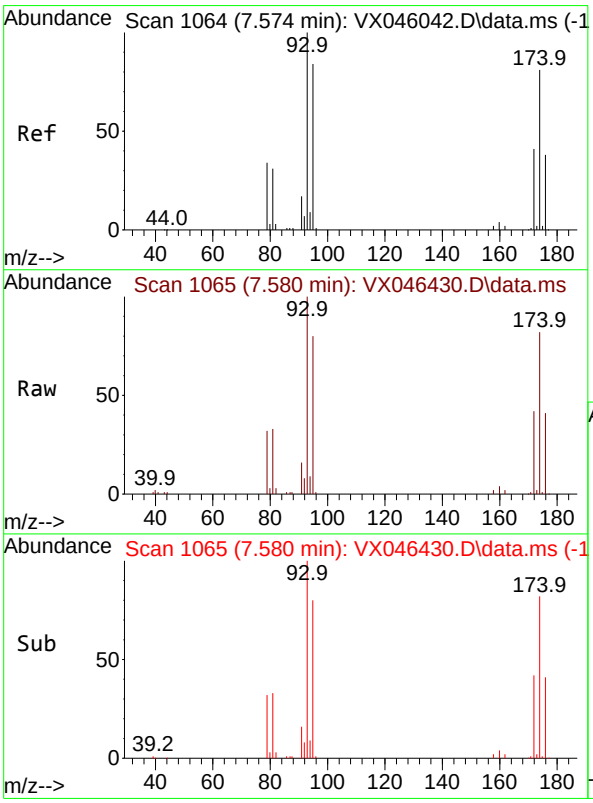
Ion	Ratio	Lower	Upper
63	100		
65	28.6	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

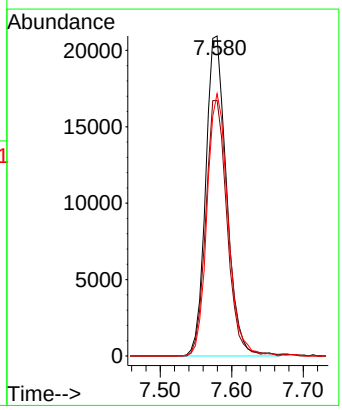
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

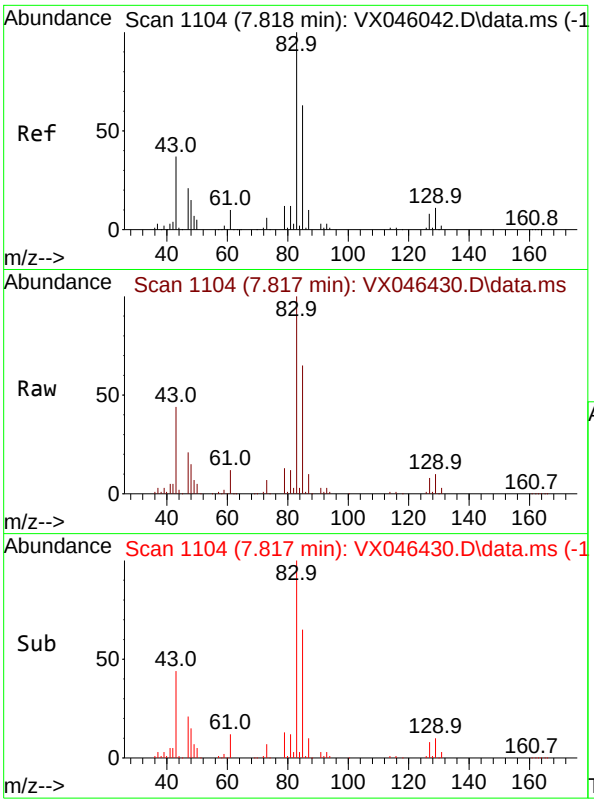


#46
Dibromomethane
Concen: 55.704 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 93 Resp: 42470

Ion	Ratio	Lower	Upper
93	100		
95	81.1	65.6	98.4
174	82.3	68.2	102.2

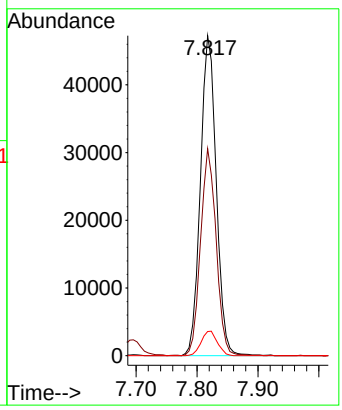




#47
Bromodichloromethane
Concen: 56.966 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 83 Resp: 8554

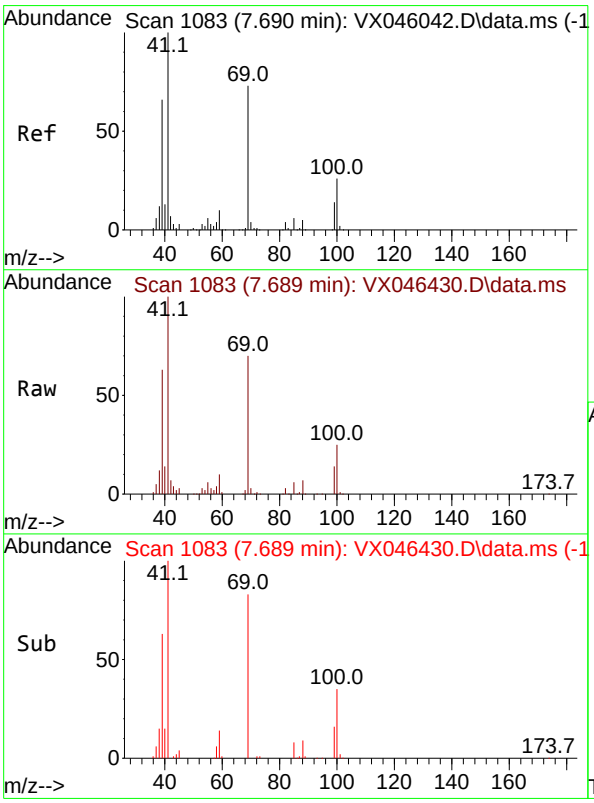
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.5	75.7
127	7.5	6.5	9.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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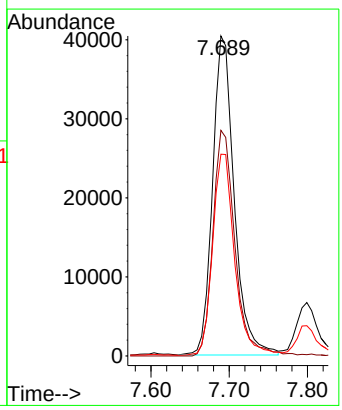
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

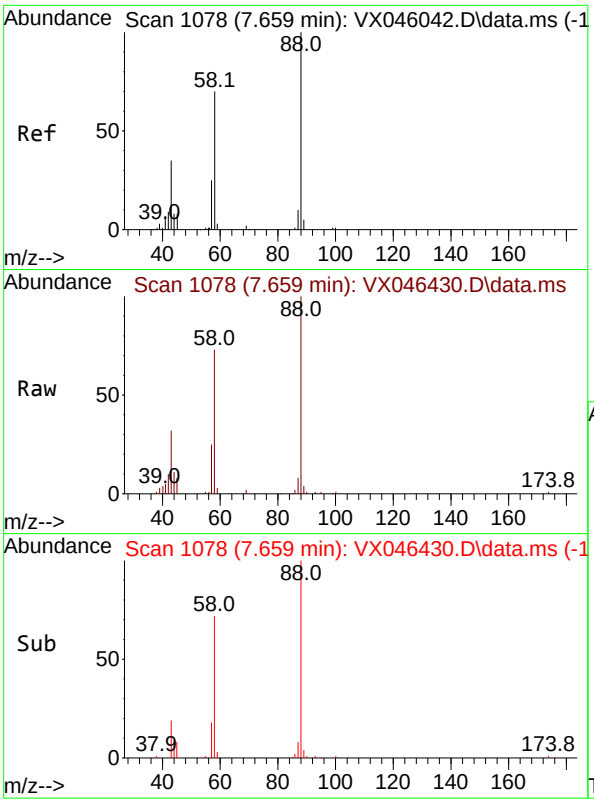


#48
Methyl methacrylate
Concen: 60.693 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 41 Resp: 77541

Ion	Ratio	Lower	Upper
41	100		
69	72.1	58.5	87.7
39	64.1	51.7	77.5





#49
1,4-Dioxane
Concen: 1178.909 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

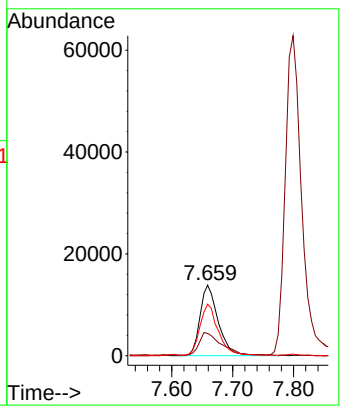
Tgt Ion: 88 Resp: 2859

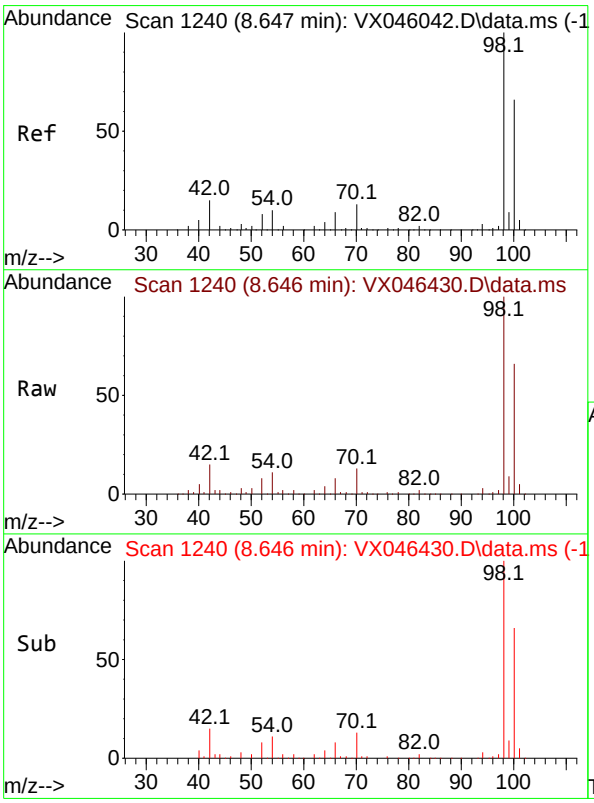
Ion	Ratio	Lower	Upper
88	100		
43	39.1	33.4	50.2
58	74.6	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

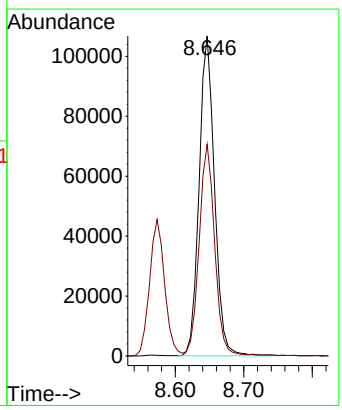


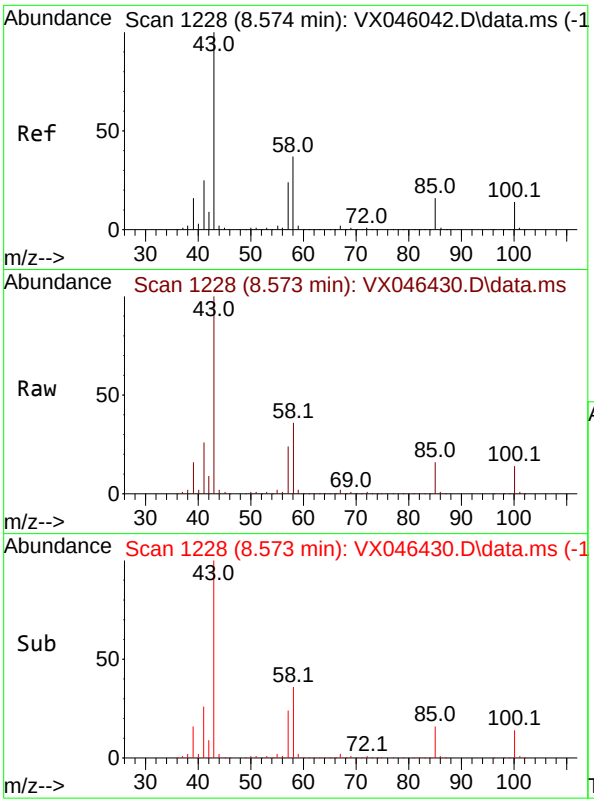


#50
Toluene-d8
Concen: 48.818 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 98 Resp: 166906

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.5	80.3





#51
4-Methyl-2-Pentanone
Concen: 311.483 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

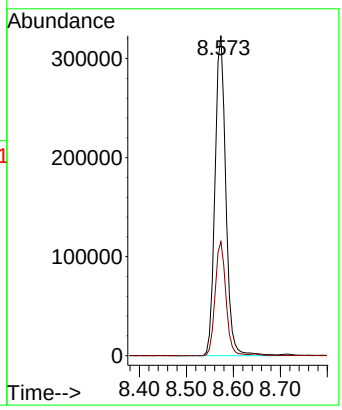
Tgt Ion: 43 Resp: 51722

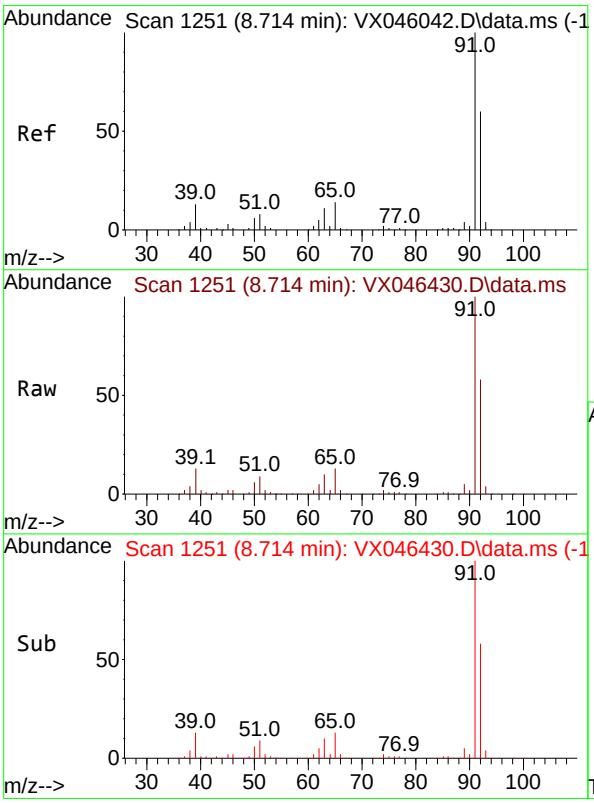
Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.9	43.3

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

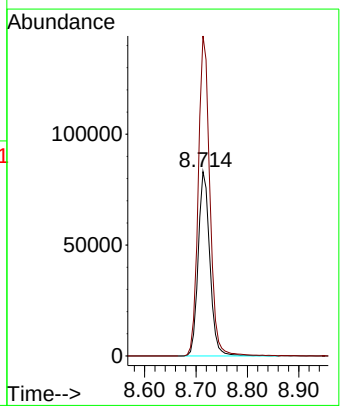


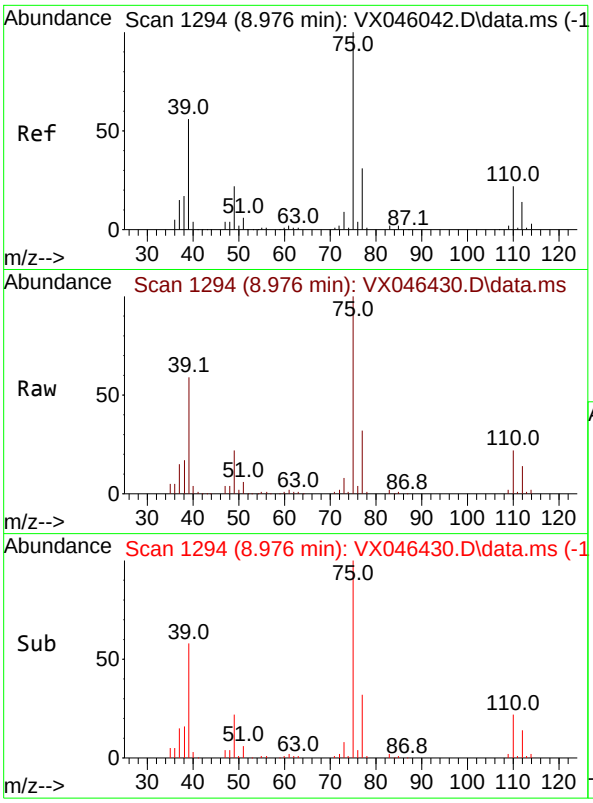


#52
Toluene
Concen: 54.913 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 92 Resp: 130901

Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.6	205.0

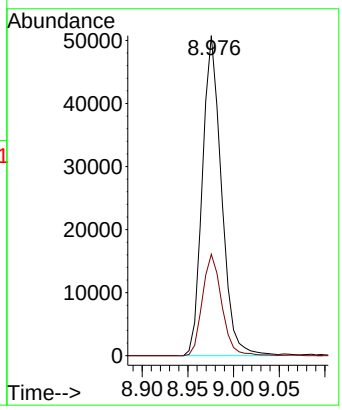




#53
t-1,3-Dichloropropene
Concen: 55.246 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 7373

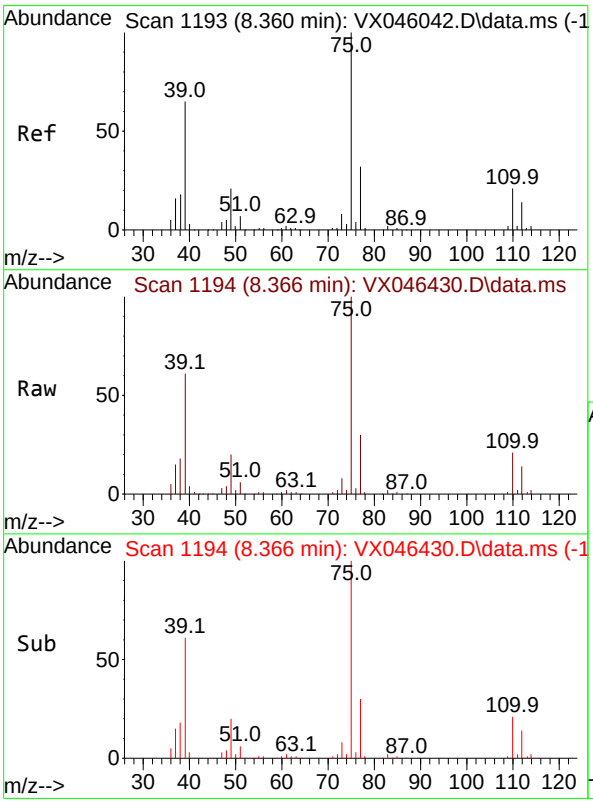
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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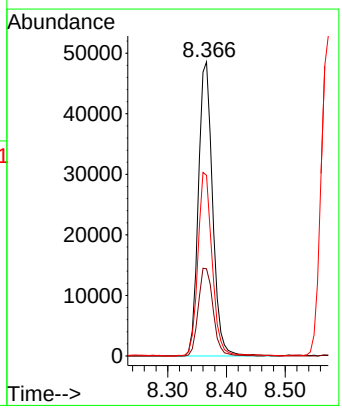
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

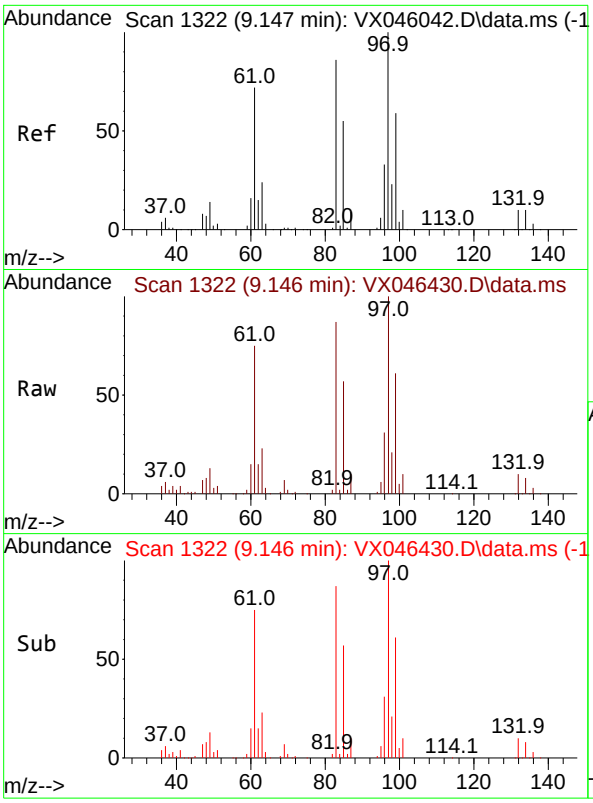


#54
cis-1,3-Dichloropropene
Concen: 55.348 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 81651

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.0
39	61.3	52.2	78.4

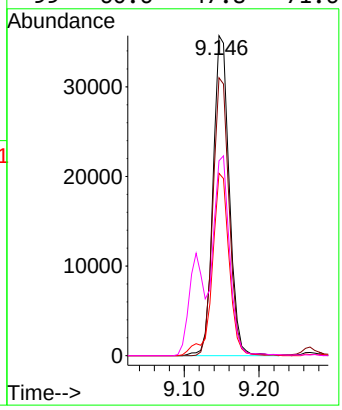




#55
1,1,2-Trichloroethane
Concen: 56.832 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 97 Resp: 5341

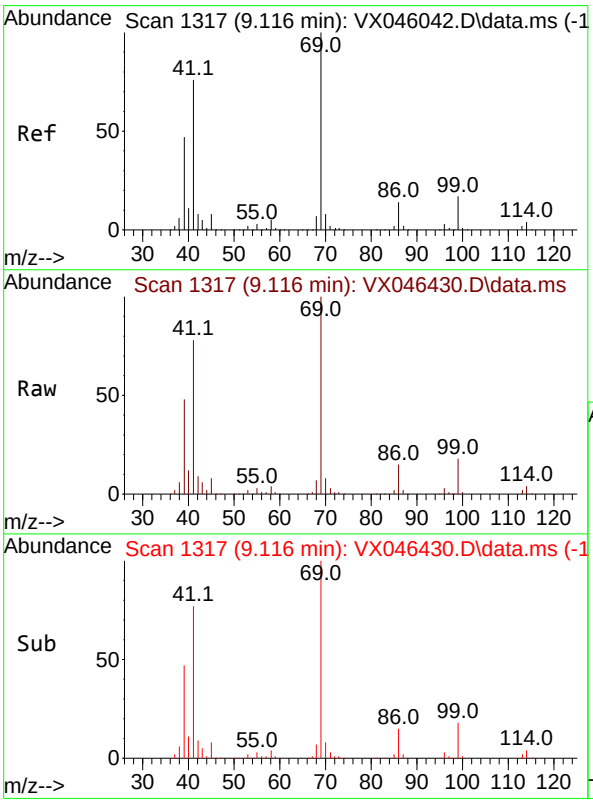
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.0	103.6
85	57.0	44.3	66.5
99	60.6	47.8	71.6



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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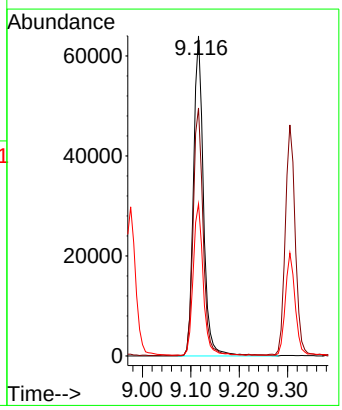
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

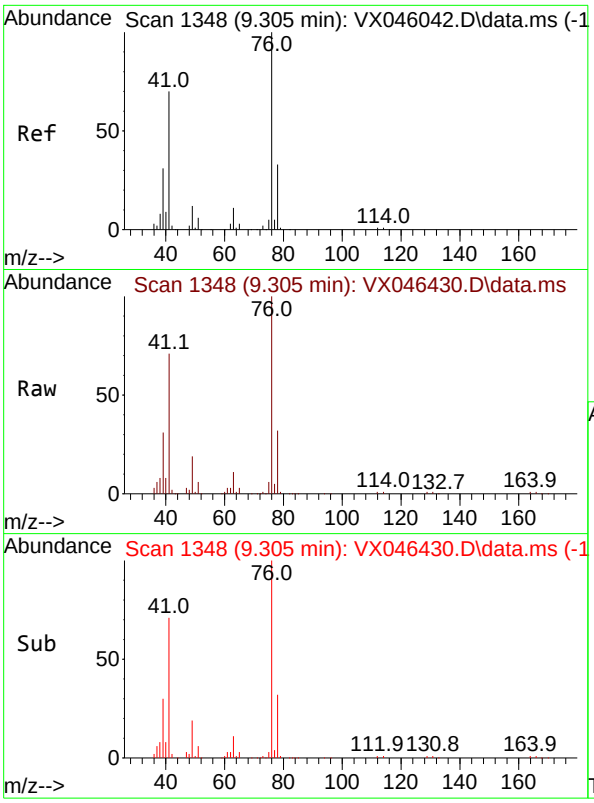


#56
Ethyl methacrylate
Concen: 61.076 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 69 Resp: 91496

Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.8	91.2
39	47.8	39.0	58.6





#57
1,3-Dichloropropane
Concen: 55.802 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

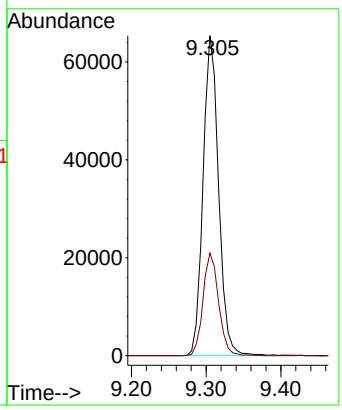
Tgt Ion: 76 Resp: 9419

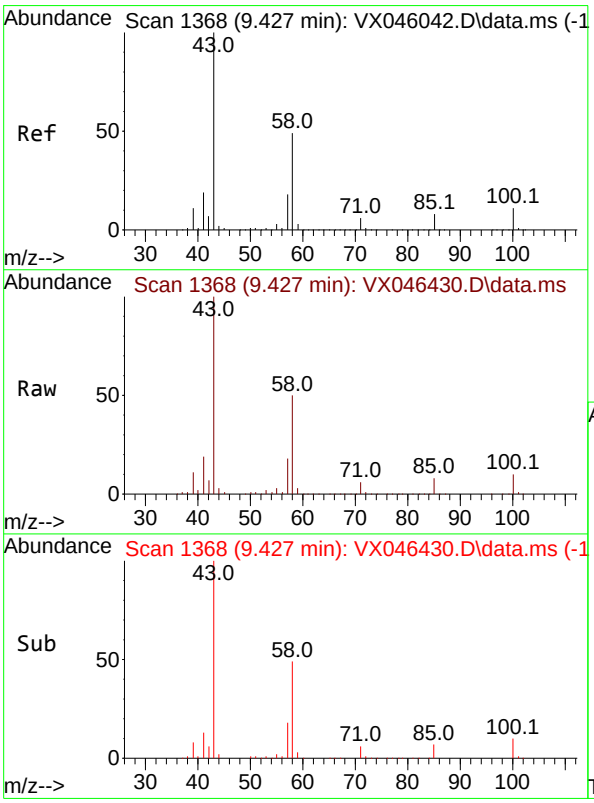
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

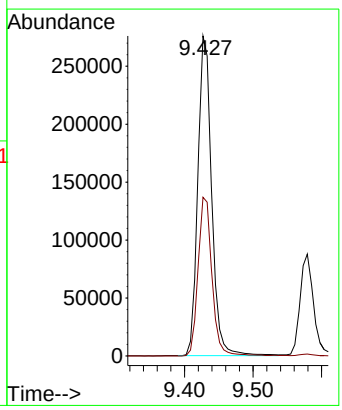


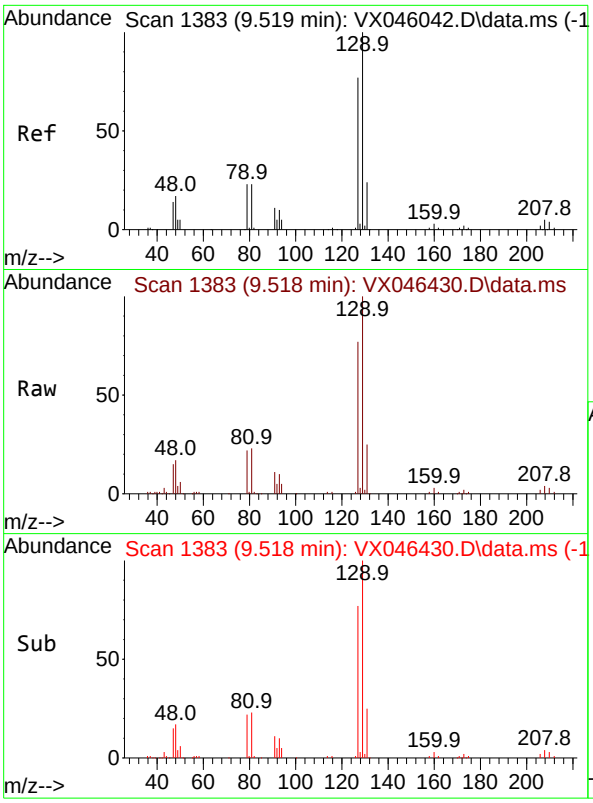


#59
2-Hexanone
Concen: 316.589 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 388936

Ion	Ratio	Lower	Upper
43	100		
58	49.8	24.9	74.6

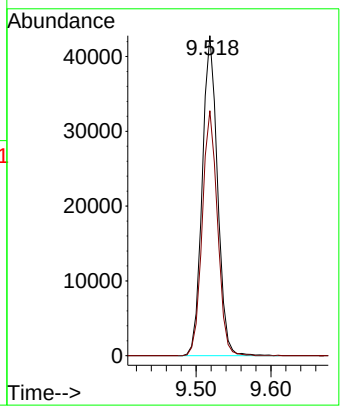




#60
Dibromochloromethane
Concen: 58.740 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:129 Resp: 6063

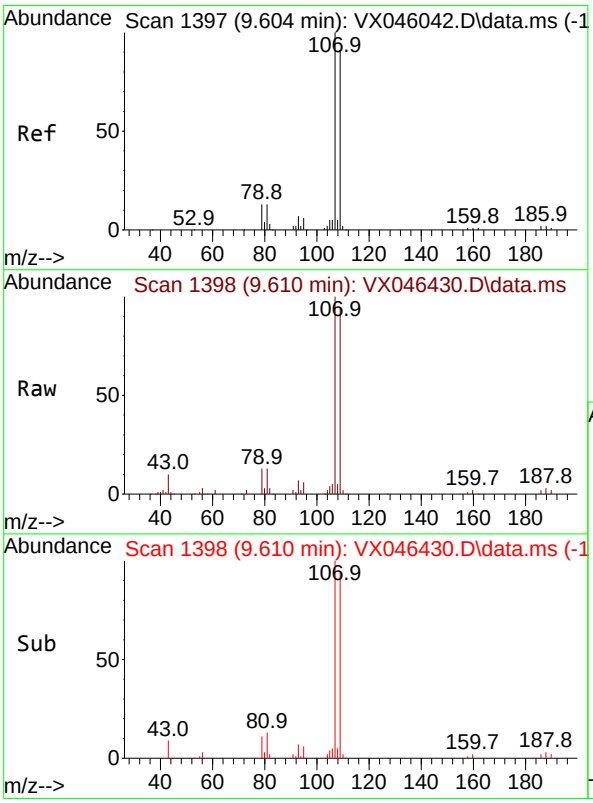
Ion	Ratio	Lower	Upper
129	100		
127	76.4	39.3	117.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

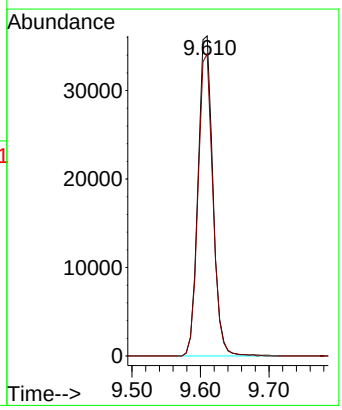
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

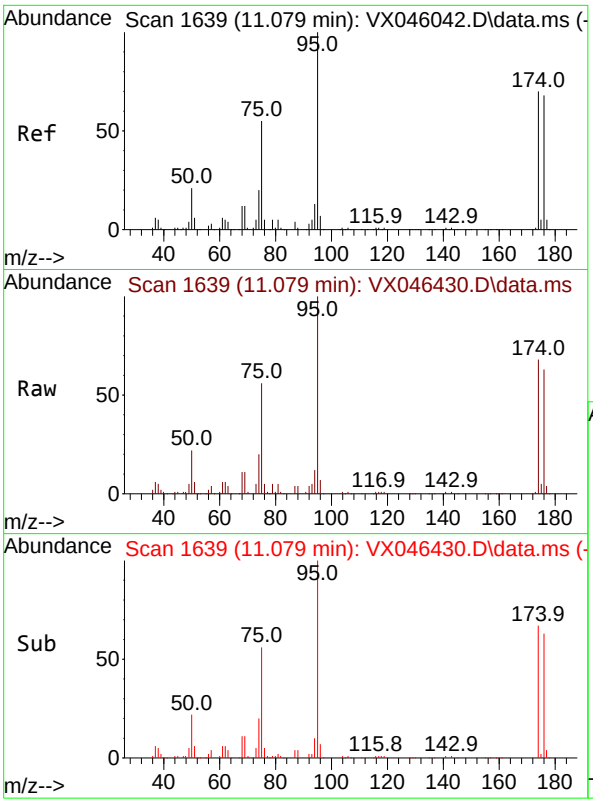


#61
1,2-Dibromoethane
Concen: 55.955 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:107 Resp: 54664

Ion	Ratio	Lower	Upper
107	100		
109	94.4	73.3	109.9

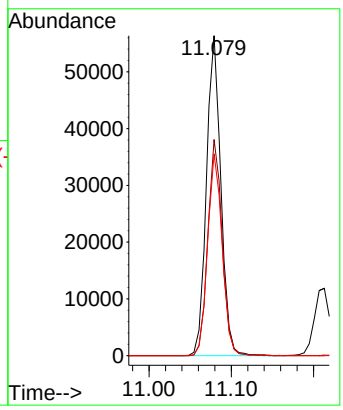




#62
4-Bromofluorobenzene
Concen: 52.261 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 95 Resp: 6853

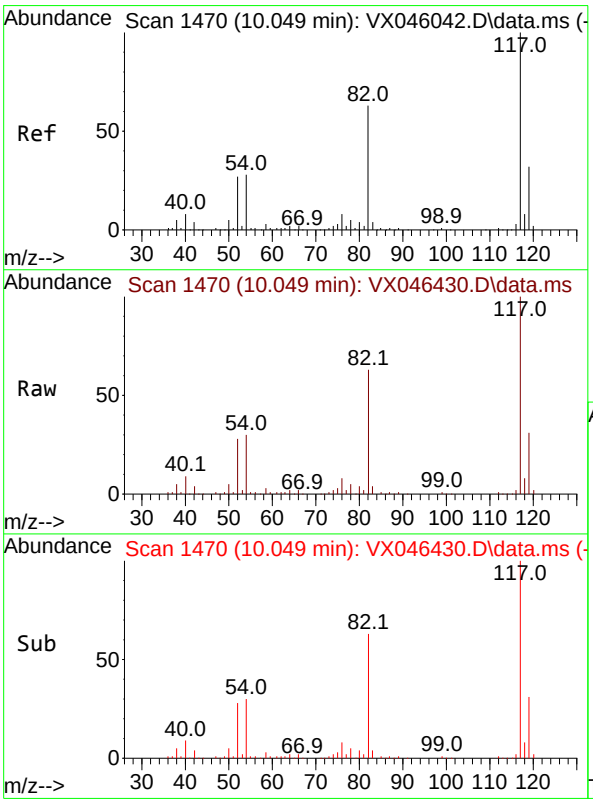
Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	63.6	0.0	131.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

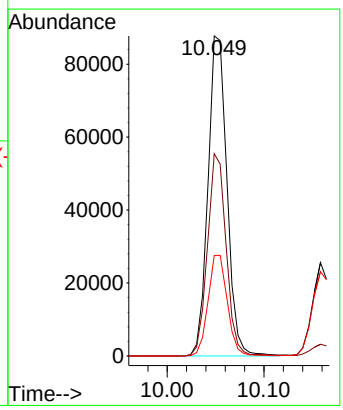
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

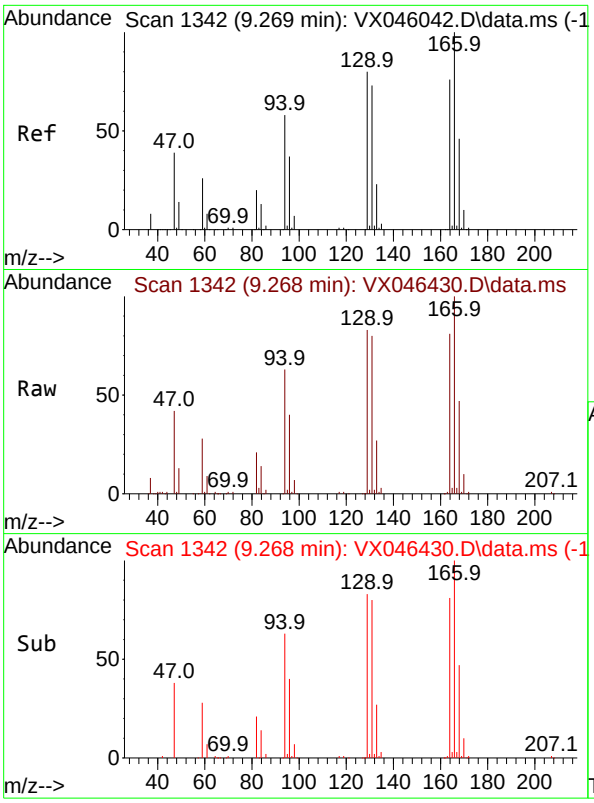


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:117 Resp: 120035

Ion	Ratio	Lower	Upper
117	100		
82	63.2	50.6	76.0
119	31.4	25.8	38.6

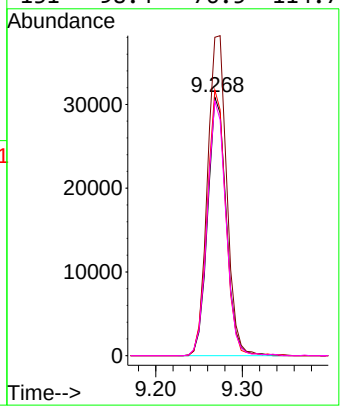




#64
Tetrachloroethene
Concen: 54.056 ug/l
RT: 9.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:164 Resp: 4591

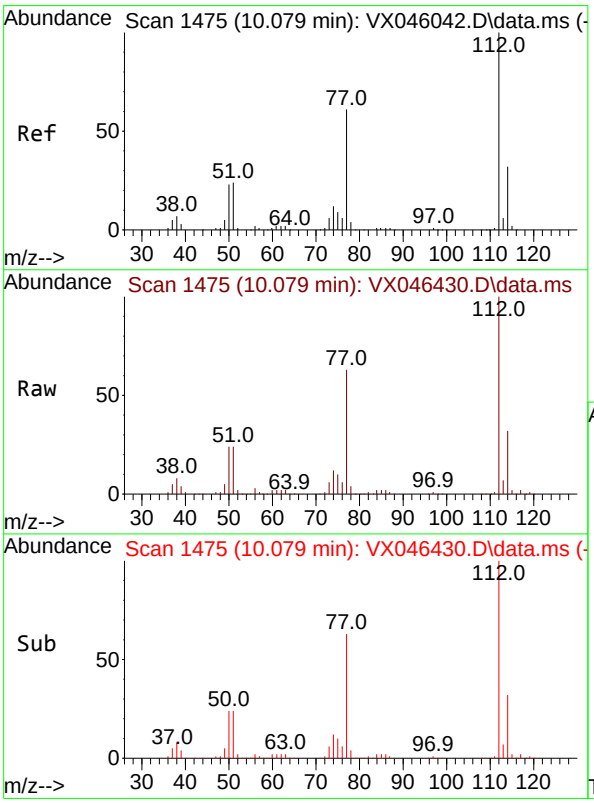
Ion	Ratio	Lower	Upper
164	100		
166	123.2	105.0	157.6
129	102.8	83.5	125.3
131	98.4	76.5	114.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

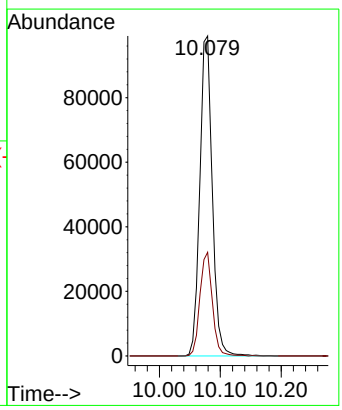
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

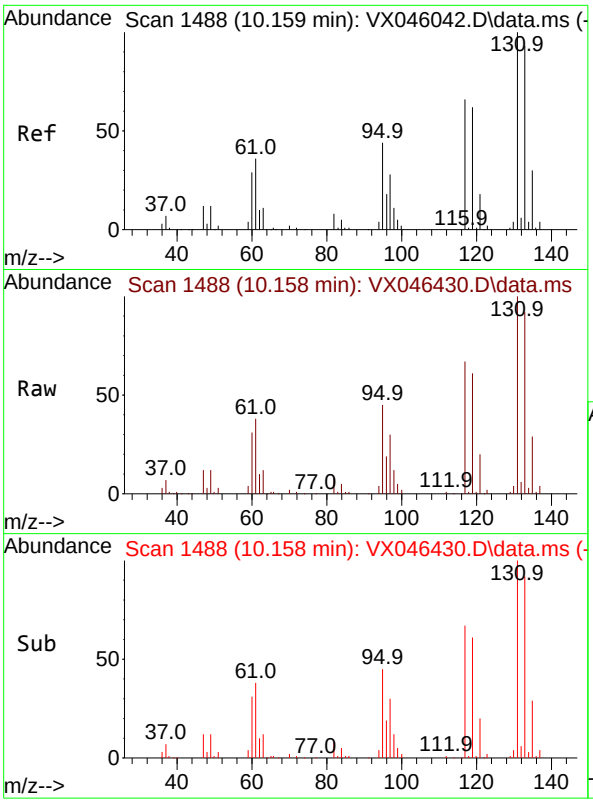


#65
Chlorobenzene
Concen: 53.677 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:112 Resp: 141023

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 56.247 ug/l
RT: 10.158 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

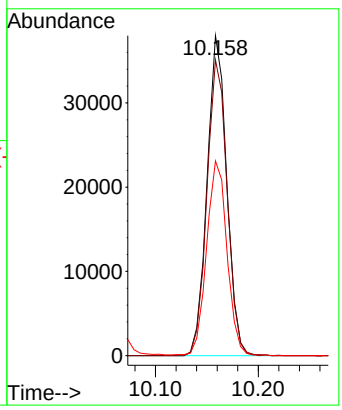
Tgt Ion:131 Resp: 5046

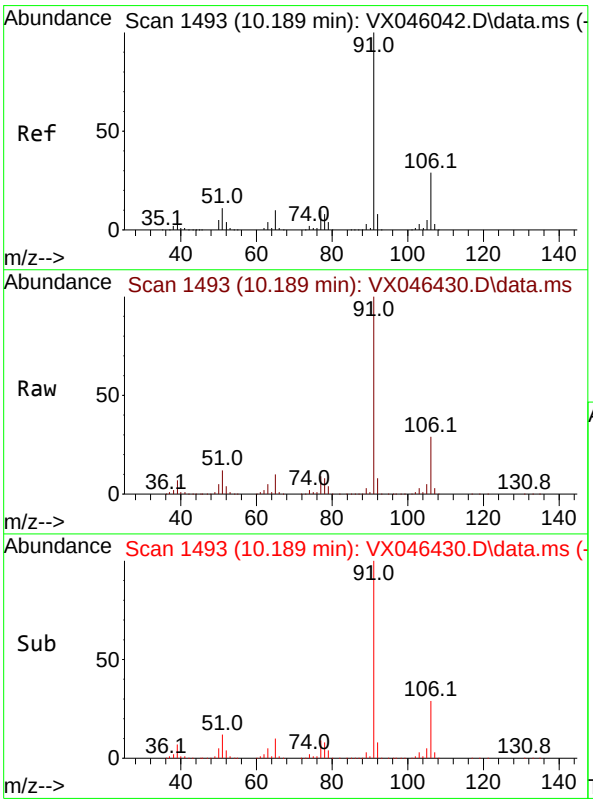
Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	63.3	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

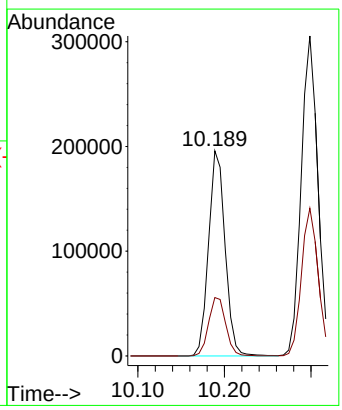


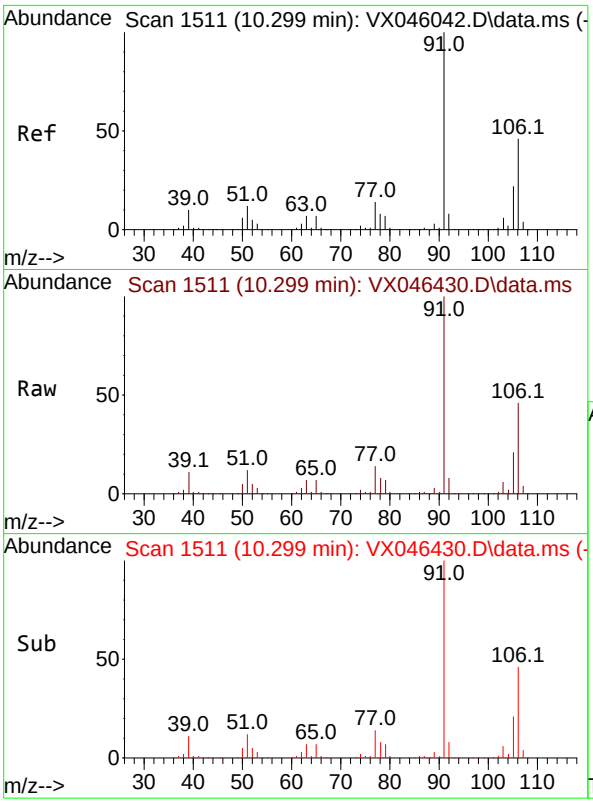


#67
Ethyl Benzene
Concen: 56.134 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 259964

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.4	35.2

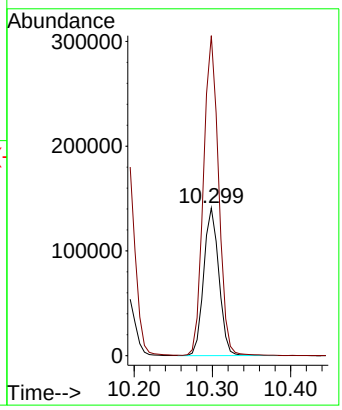




#68
m/p-Xylenes
Concen: 111.859 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:106 Resp: 18946

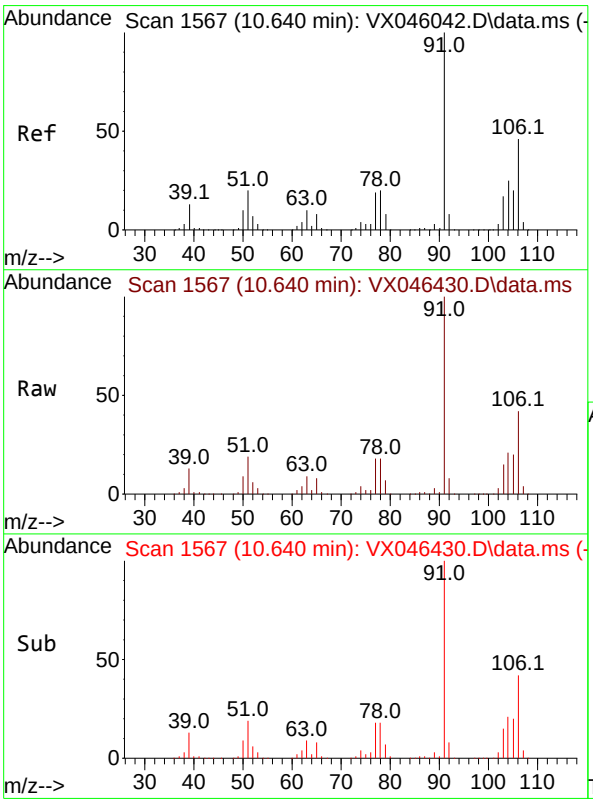
Ion	Ratio	Lower	Upper
106	100		
91	216.4	171.2	256.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

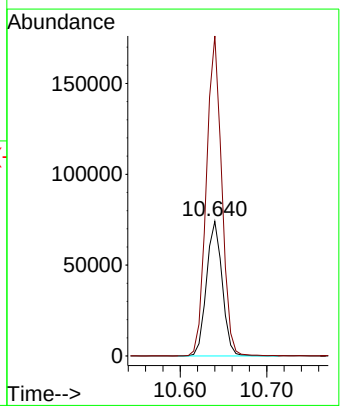
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

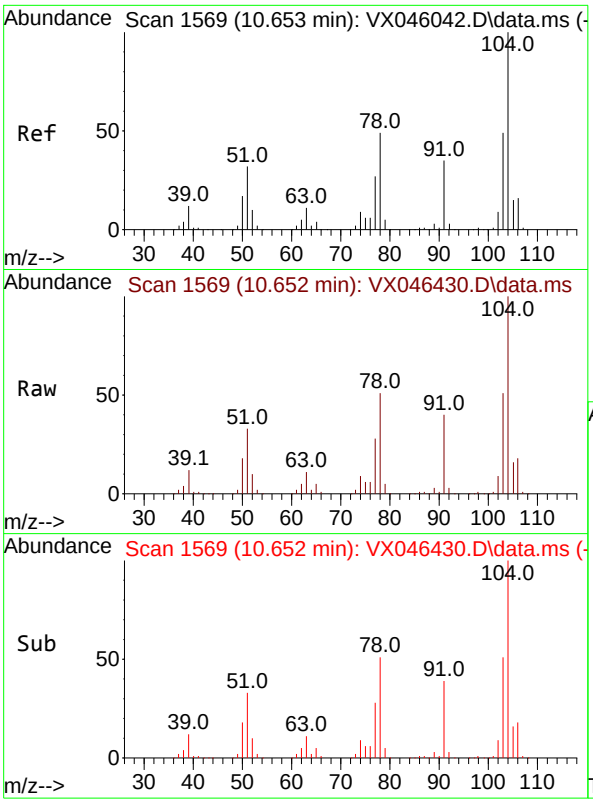


#69
o-Xylene
Concen: 56.527 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:106 Resp: 93344

Ion	Ratio	Lower	Upper
106	100		
91	233.0	112.7	338.1

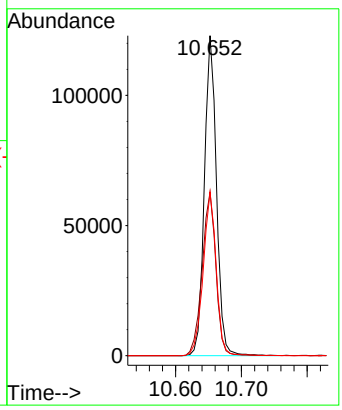




#70
Styrene
Concen: 58.191 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:104 Resp: 15741

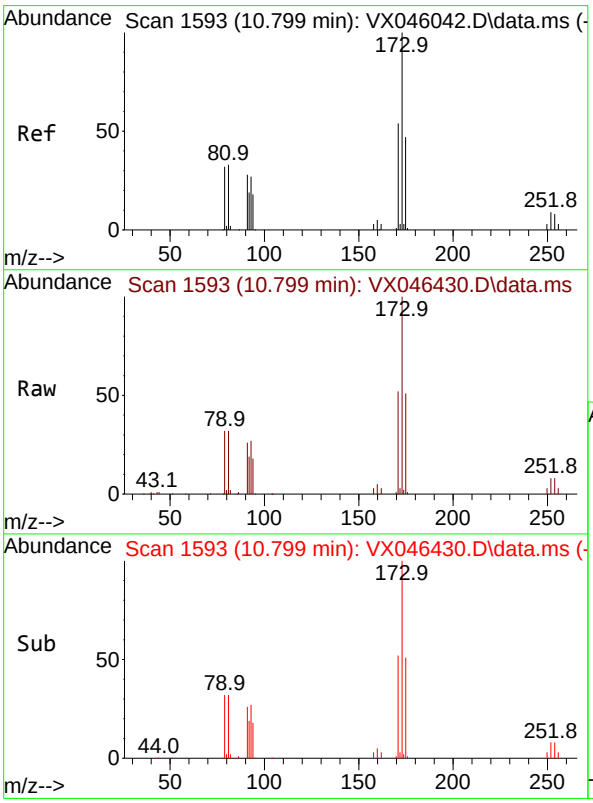
Ion	Ratio	Lower	Upper
104	100		
78	58.2	45.7	68.5
103	55.3	43.7	65.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

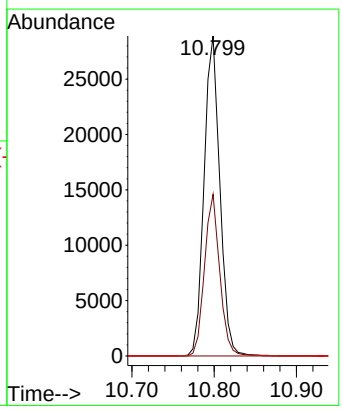
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

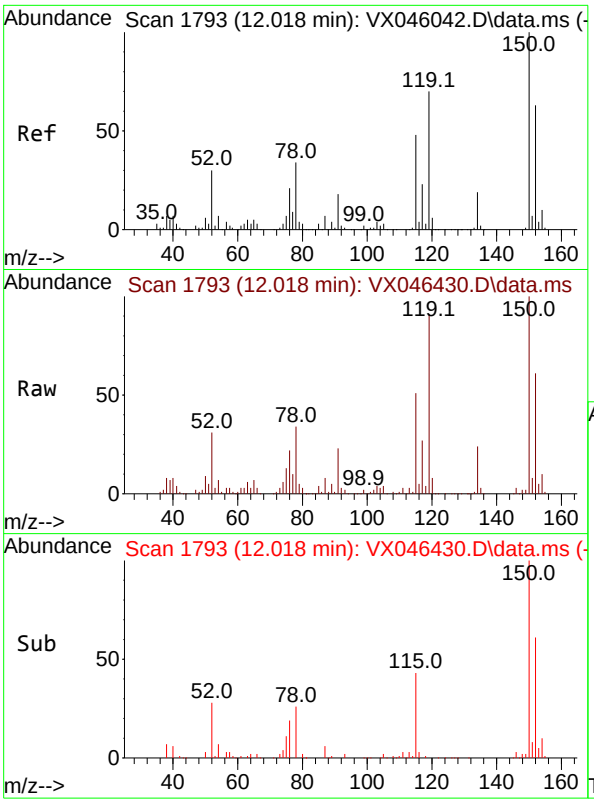


#71
Bromoform
Concen: 57.193 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:173 Resp: 38522

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0

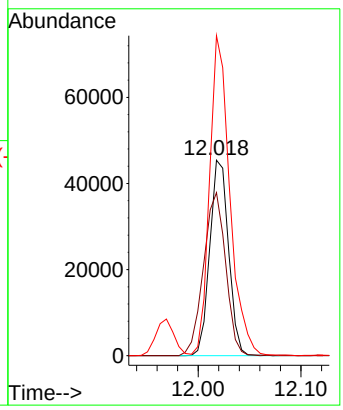




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:152 Resp: 5754

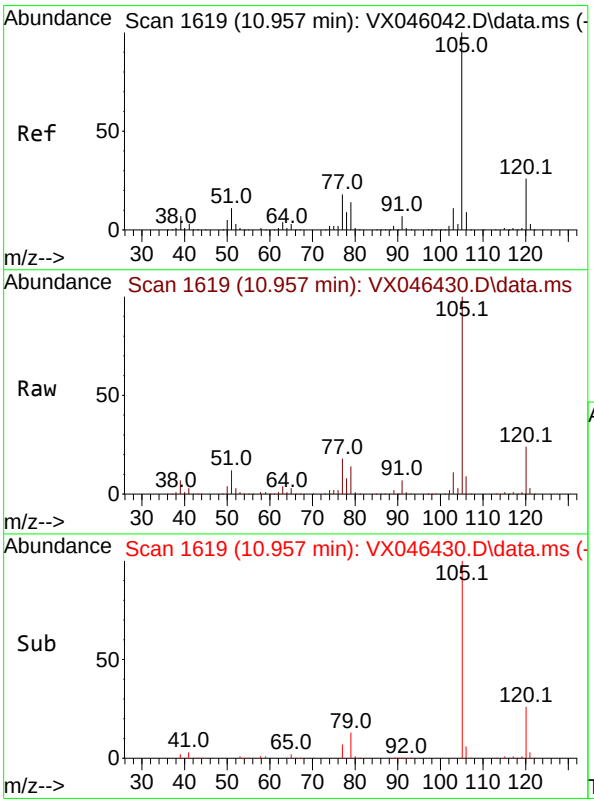
Ion	Ratio	Lower	Upper
152	100		
115	98.4	46.9	140.7
150	176.7	0.0	351.0



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

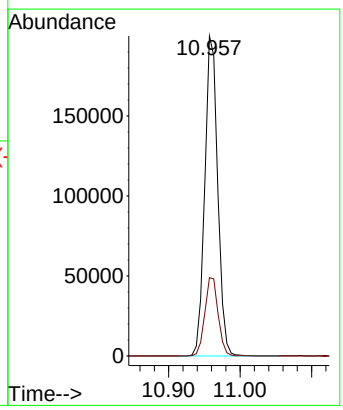
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

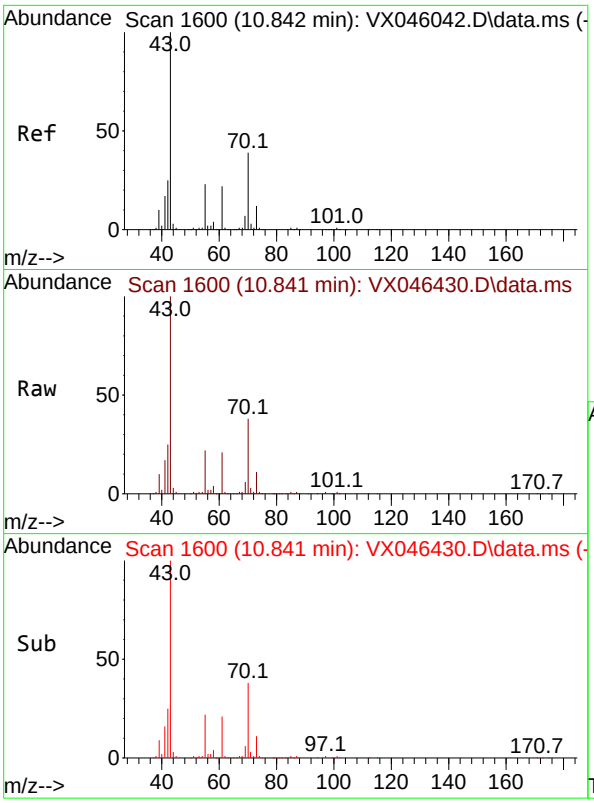


#73
Isopropylbenzene
Concen: 56.113 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:105 Resp: 251401

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4

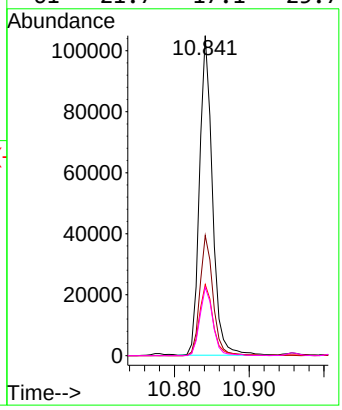




#74
N-amyl acetate
Concen: 56.810 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 12577

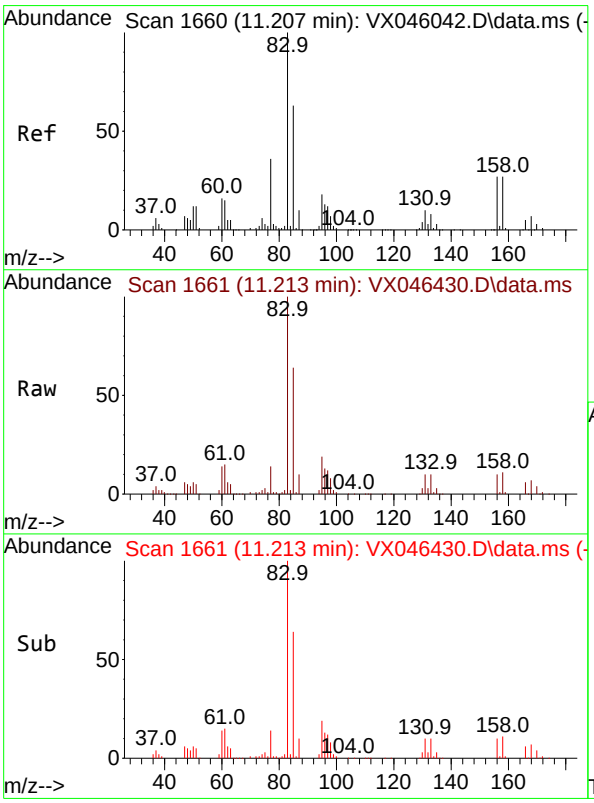
Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	23.7	18.7	28.1
61	21.7	17.1	25.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

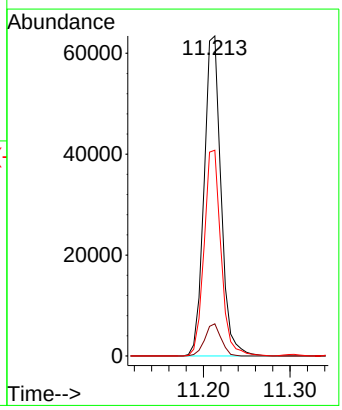
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

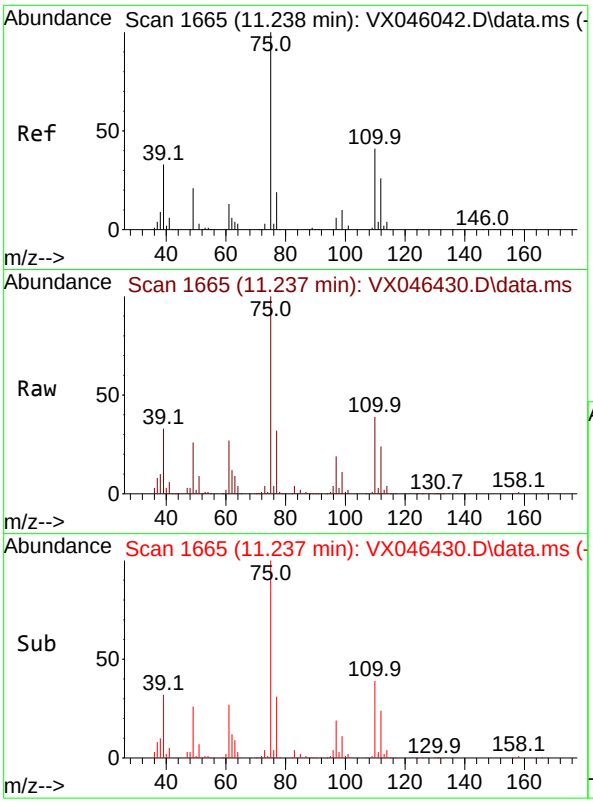


#75
1,1,2,2-Tetrachloroethane
Concen: 54.794 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 83 Resp: 86029

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.2	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 54.961 ug/l m
RT: 11.237 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

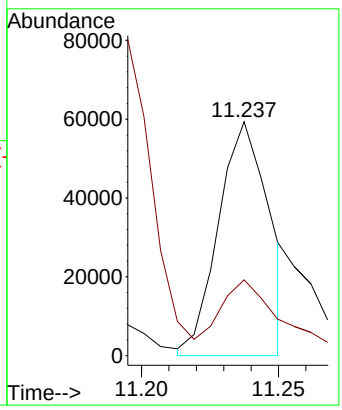
Tgt Ion: 75 Resp: 7613

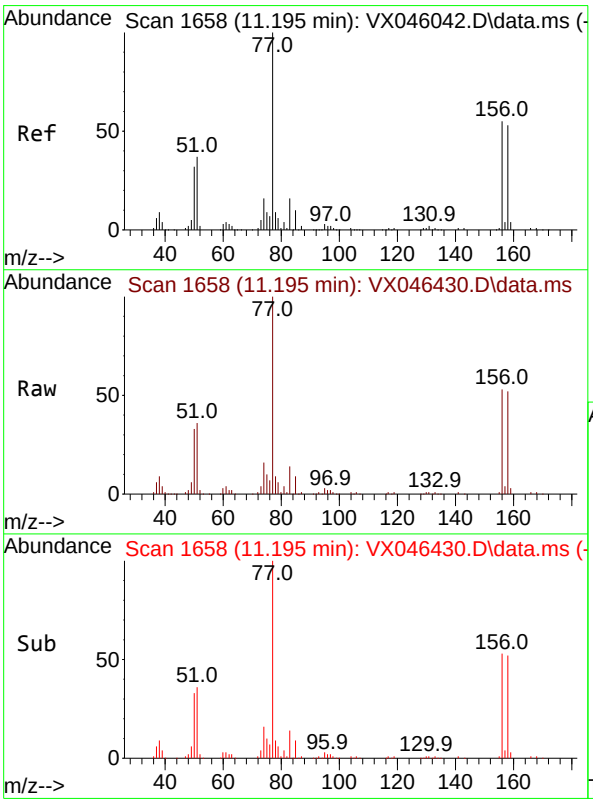
Ion	Ratio	Lower	Upper
75	100		
77	40.1	20.5	61.5

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

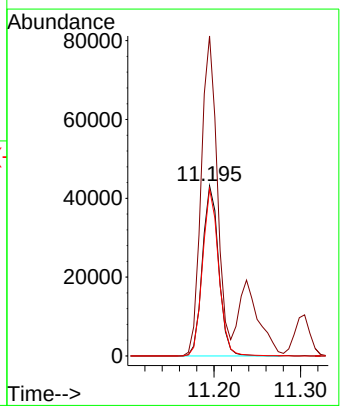


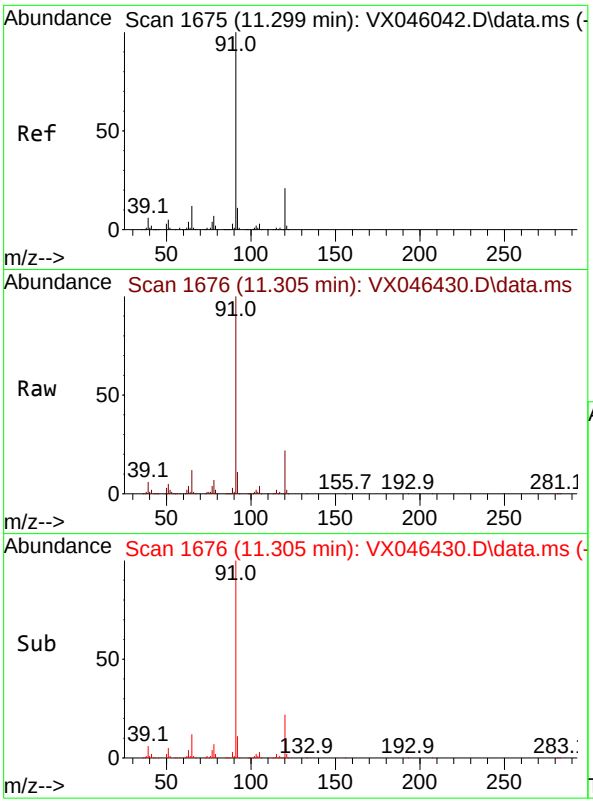


#77
Bromobenzene
Concen: 54.114 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:156 Resp: 56287

Ion	Ratio	Lower	Upper
156	100		
77	186.4	92.8	278.3
158	97.4	48.8	146.3

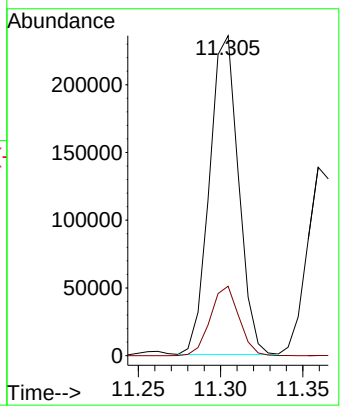




#78
n-propylbenzene
Concen: 55.620 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 28974

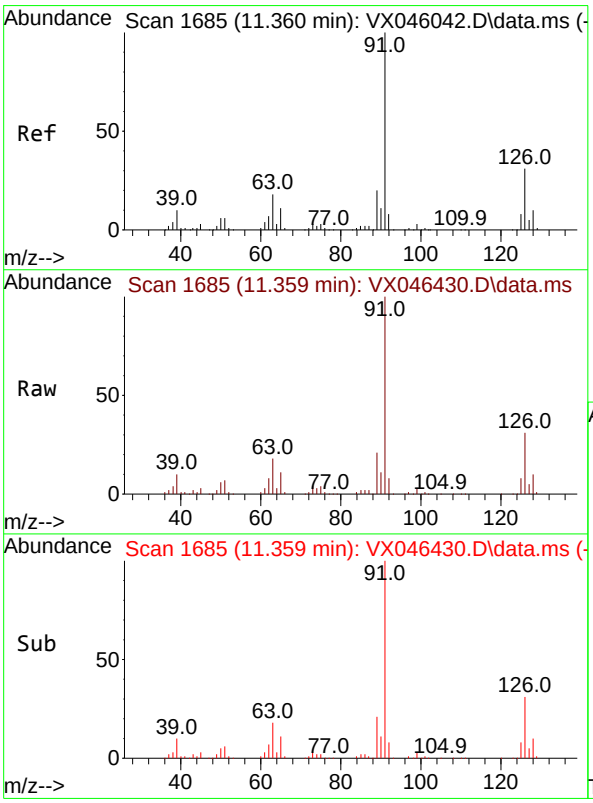
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

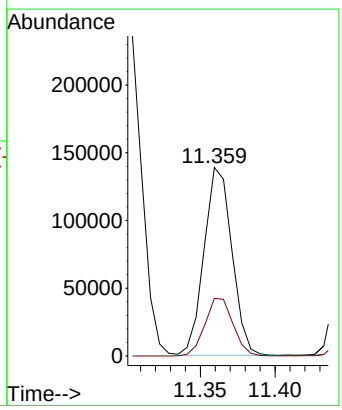
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

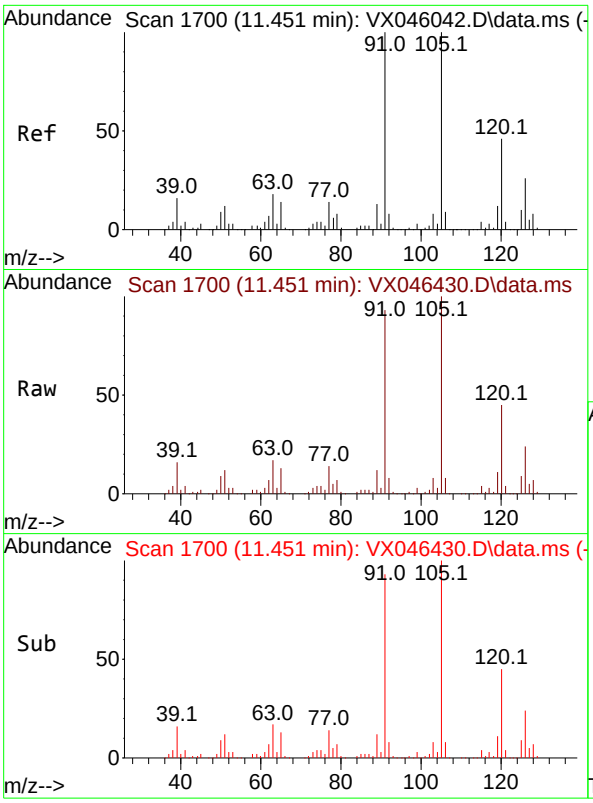


#79
2-Chlorotoluene
Concen: 53.472 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 179671

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7





#80
1,3,5-Trimethylbenzene
Concen: 56.649 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

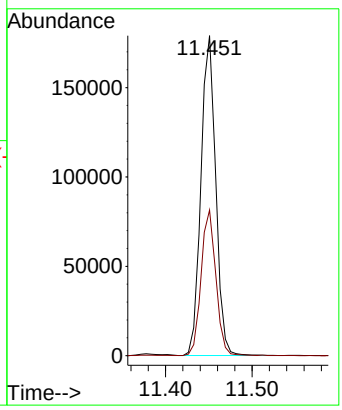
Tgt Ion:105 Resp: 21203

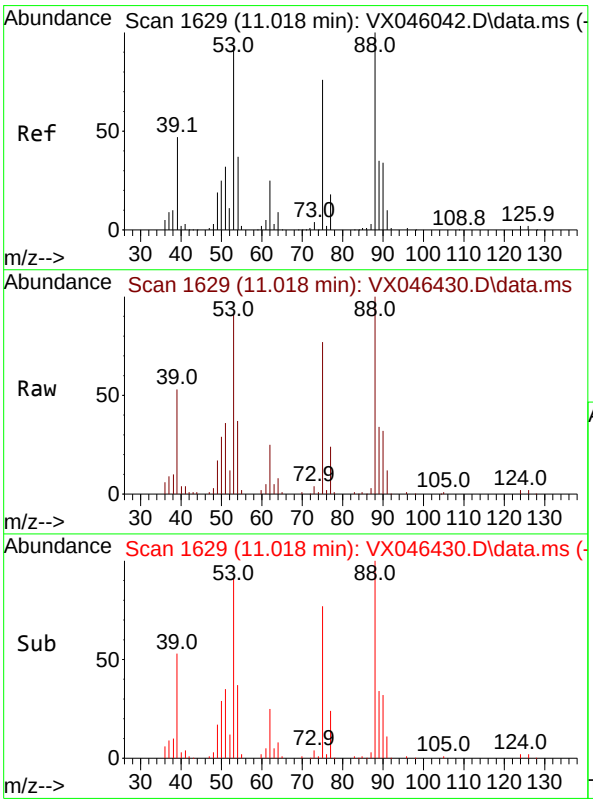
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

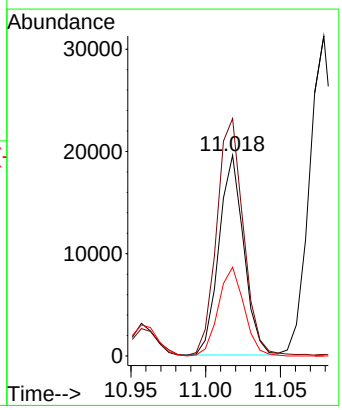


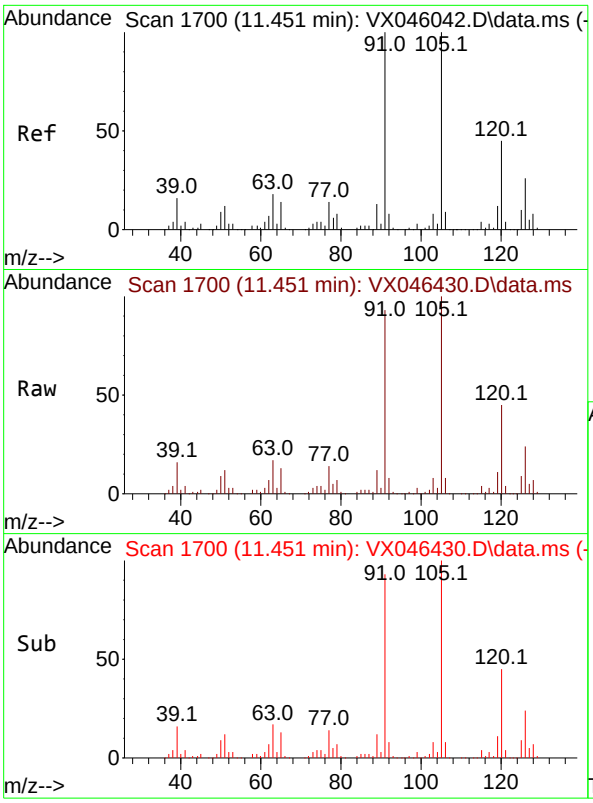


#81
trans-1,4-Dichloro-2-butene
Concen: 53.042 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 22568

Ion	Ratio	Lower	Upper
75	100		
53	127.3	100.5	150.7
89	46.1	37.0	55.6

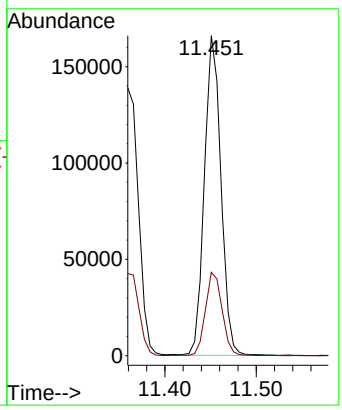




#82
4-Chlorotoluene
Concen: 55.818 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 20799

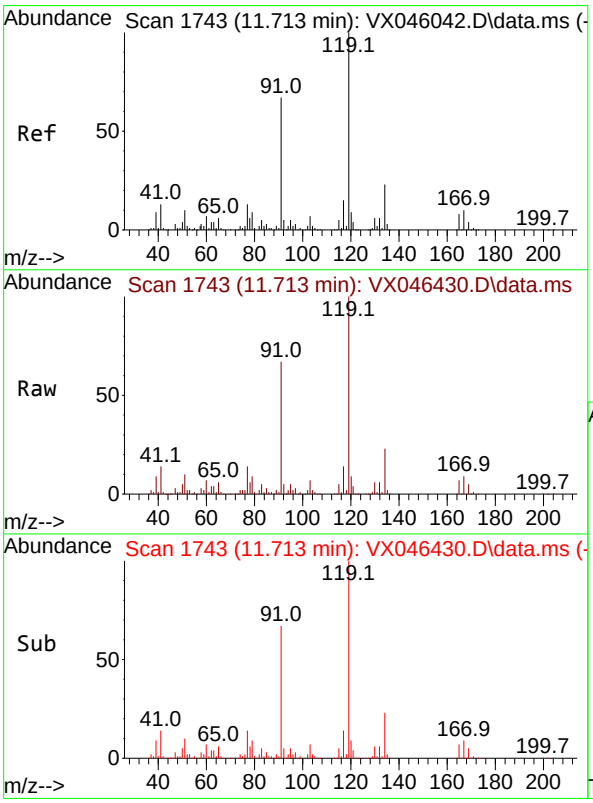
Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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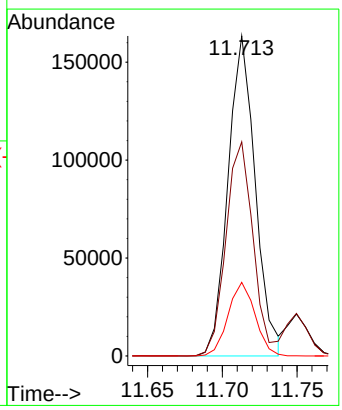
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

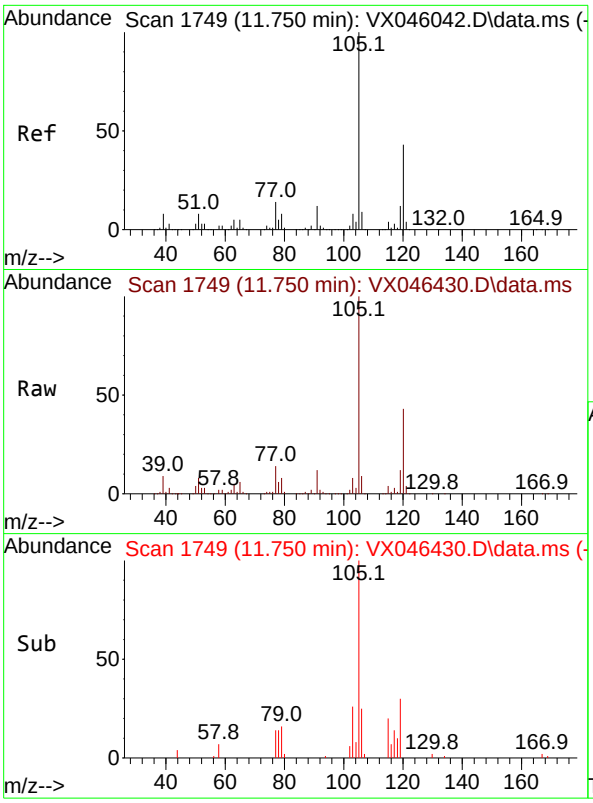


#83
tert-Butylbenzene
Concen: 54.896 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:119 Resp: 206970

Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.9	98.7
134	22.8	11.4	34.1





#84
1,2,4-Trimethylbenzene
Concen: 56.271 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

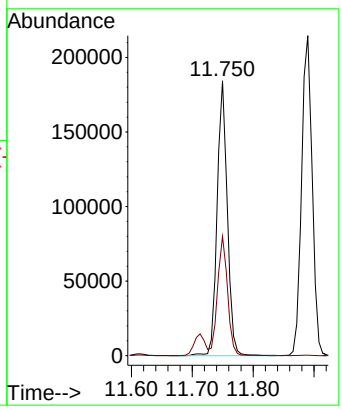
Tgt Ion:105 Resp: 21329

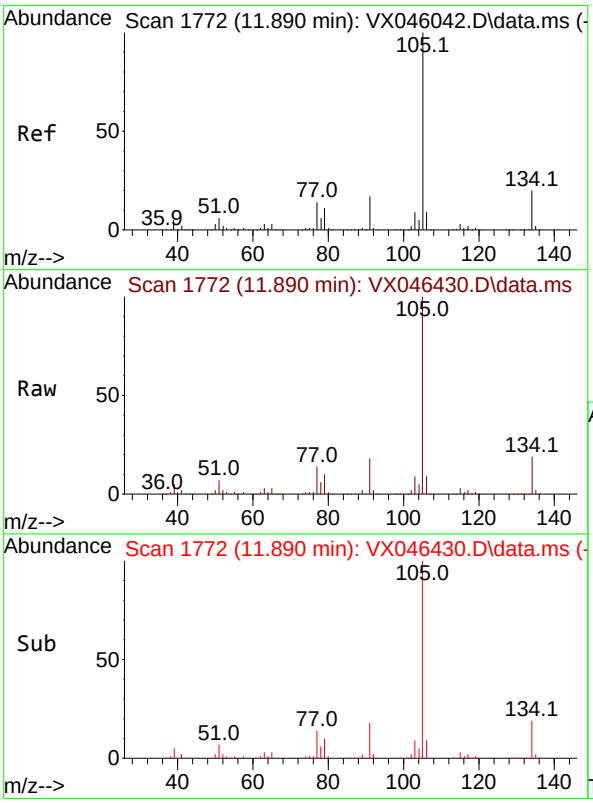
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.2	63.6

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

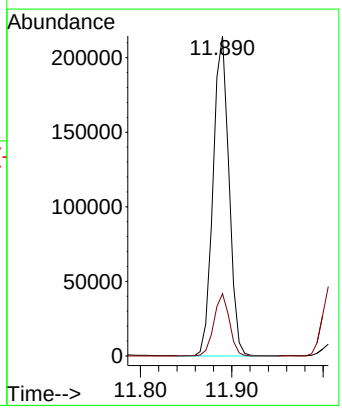


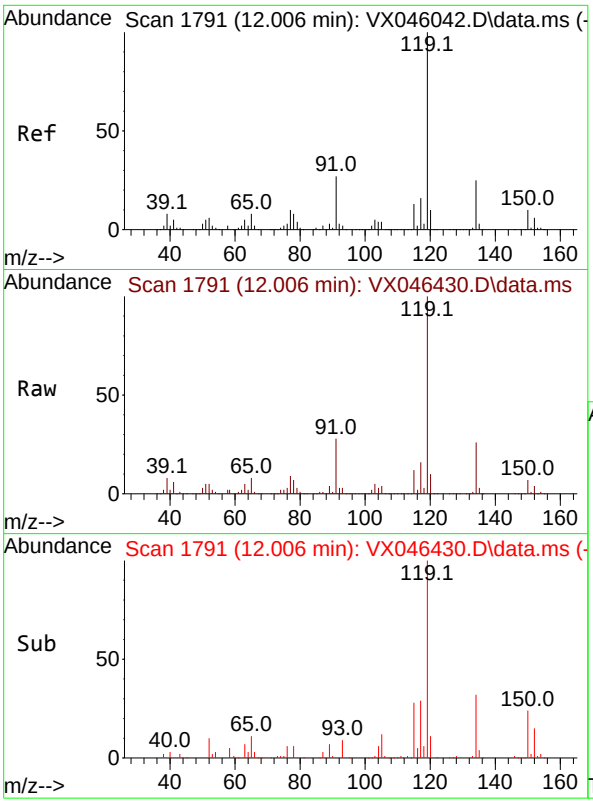


#85
sec-Butylbenzene
Concen: 55.895 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:105 Resp: 258748

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1

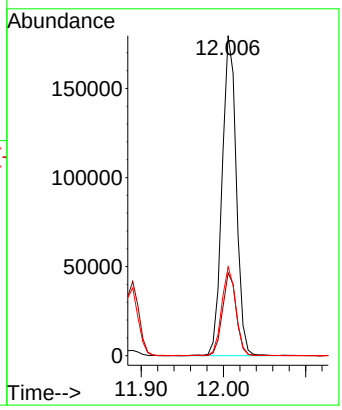




#86
p-Isopropyltoluene
Concen: 56.443 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:119 Resp: 21567

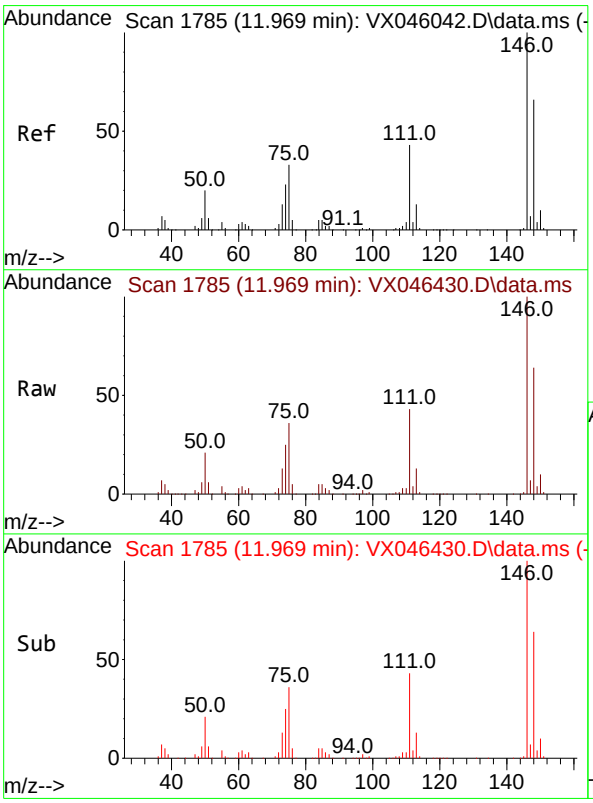
Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.5	37.5
91	27.1	13.8	41.4



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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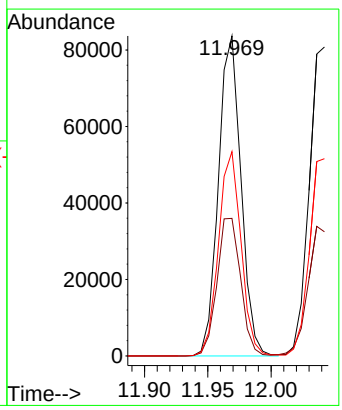
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

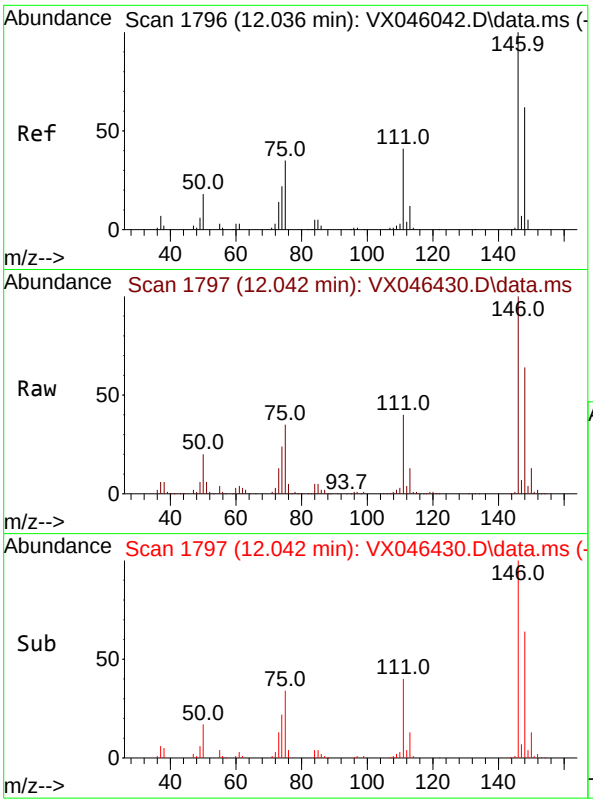


#87
1,3-Dichlorobenzene
Concen: 54.672 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:146 Resp: 103785

Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.3
148	63.7	32.1	96.5

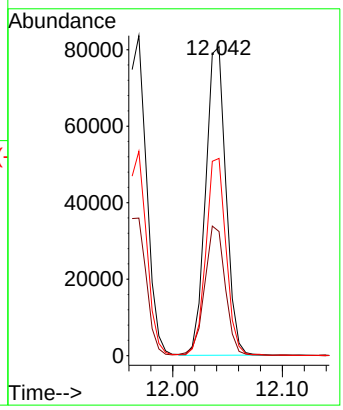




#88
1,4-Dichlorobenzene
Concen: 53.414 ug/l
RT: 12.042 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:146 Resp: 10355

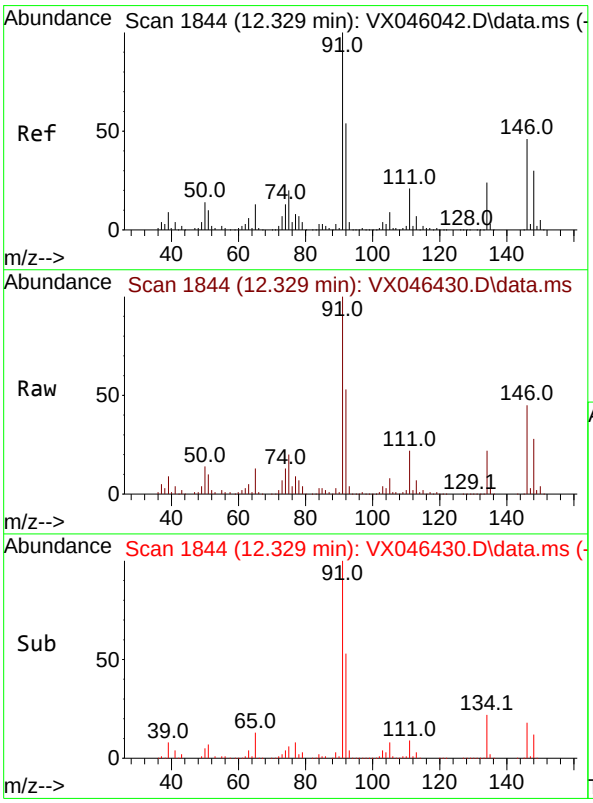
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	64.0	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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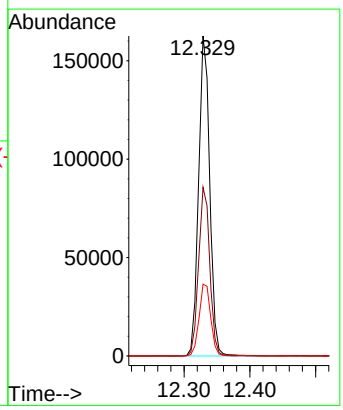
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

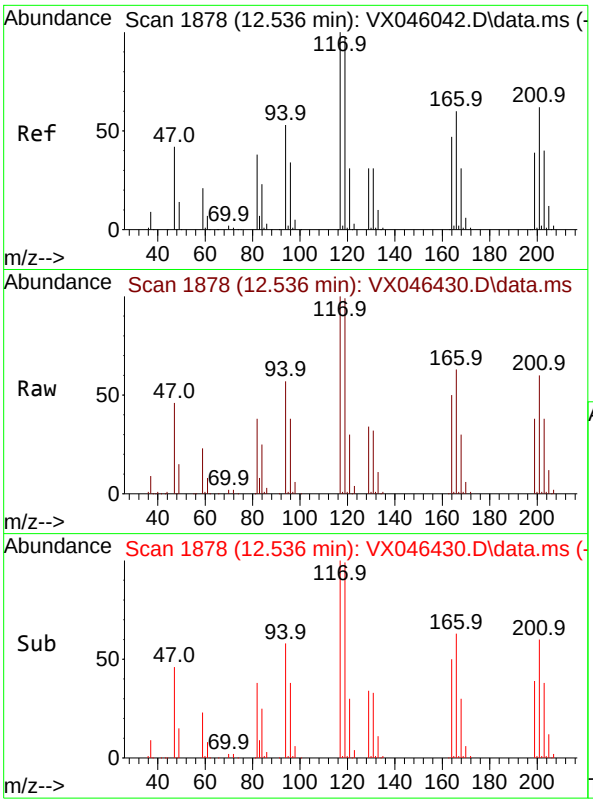


#89
n-Butylbenzene
Concen: 56.778 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 190304

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	23.4	11.8	35.3

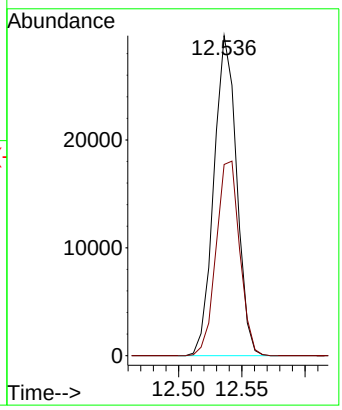




#90
Hexachloroethane
Concen: 55.090 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:117 Resp: 3708

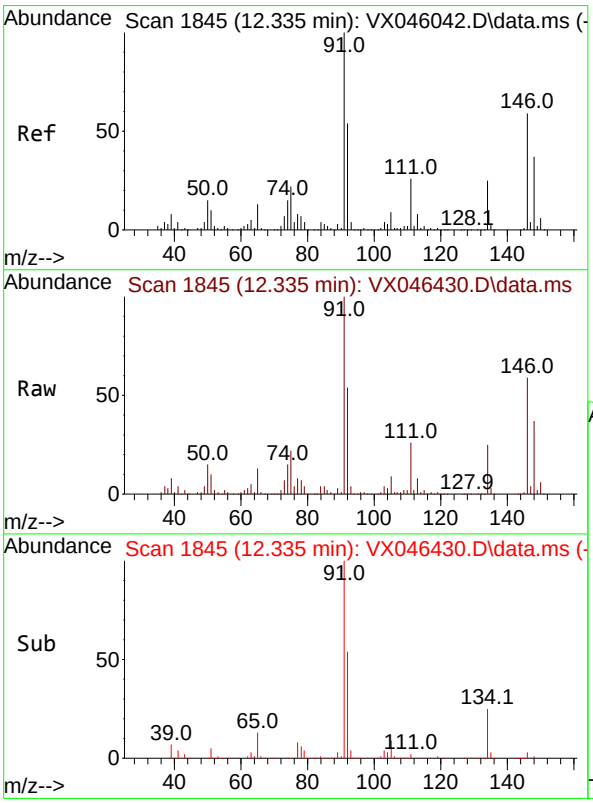
Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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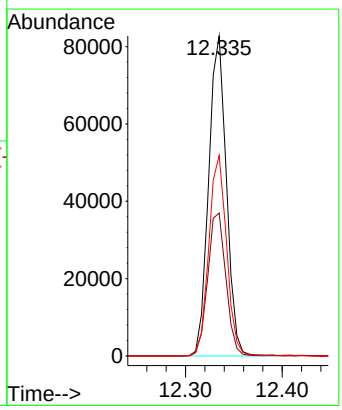
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

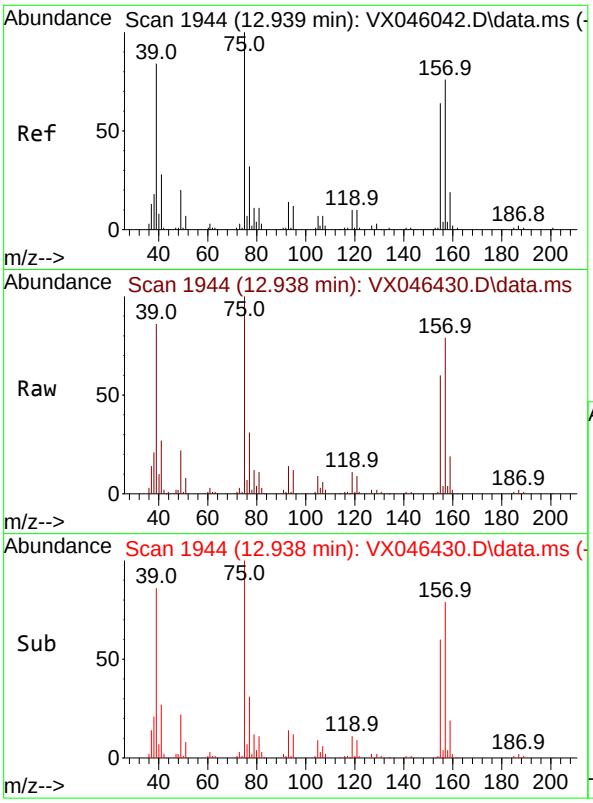


#91
1,2-Dichlorobenzene
Concen: 55.401 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:146 Resp: 105535

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.4	67.3
148	62.8	31.6	94.8





#92
1,2-Dibromo-3-Chloropropane
Concen: 60.819 ug/l
RT: 12.938 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

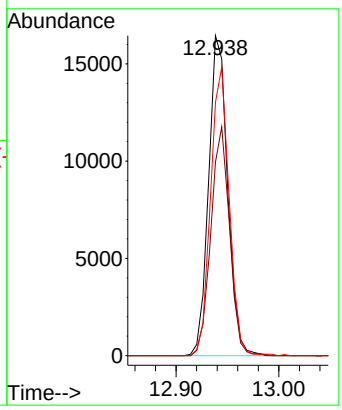
Tgt Ion: 75 Resp: 2115

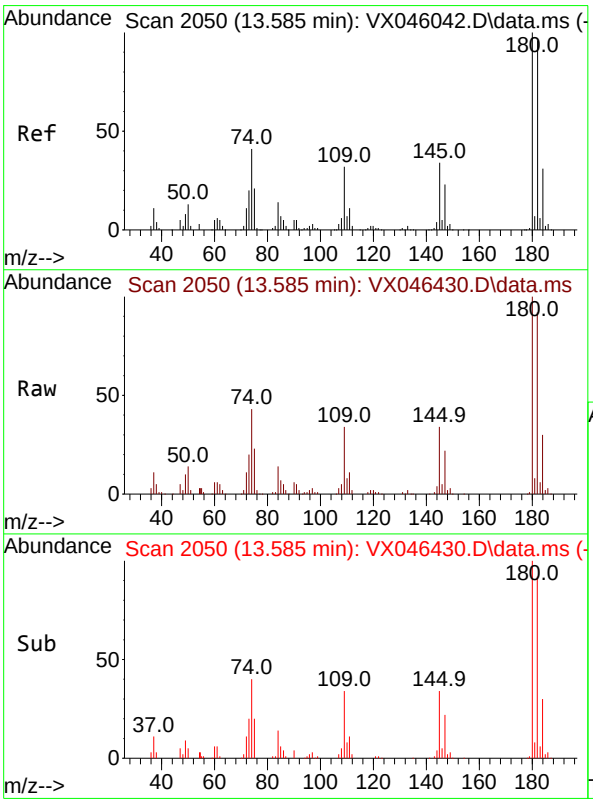
Ion	Ratio	Lower	Upper
75	100		
155	70.1	34.9	104.8
157	87.9	43.8	131.4

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

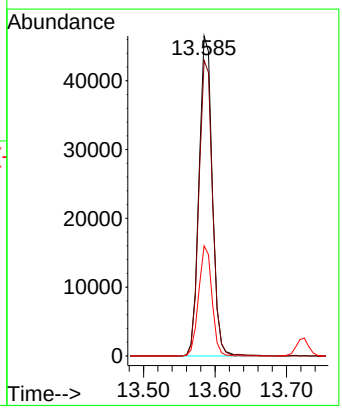


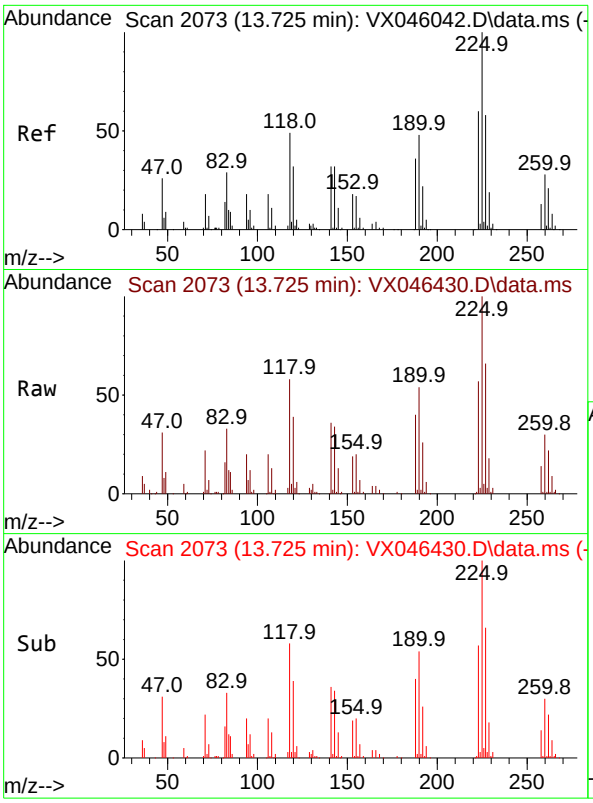


#93
1,2,4-Trichlorobenzene
Concen: 54.673 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:180 Resp: 59819

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	34.4	17.1	51.2

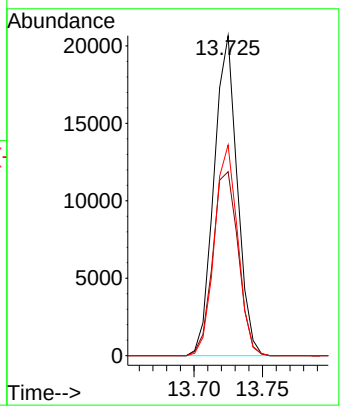




#94
Hexachlorobutadiene
Concen: 51.045 ug/l
RT: 13.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:225 Resp: 2439

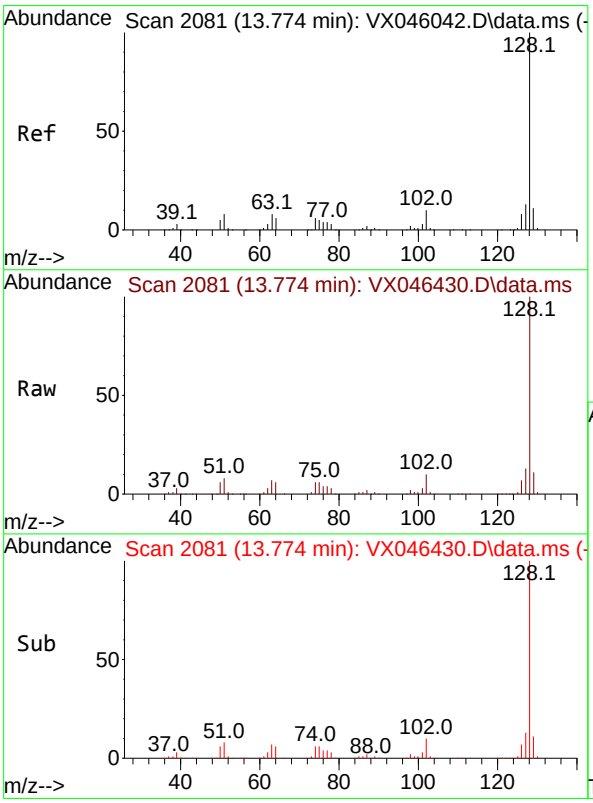
Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.4
227	65.6	30.9	92.7



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
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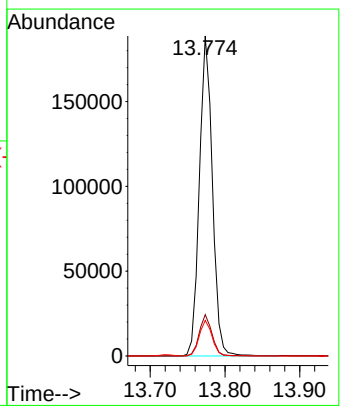
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

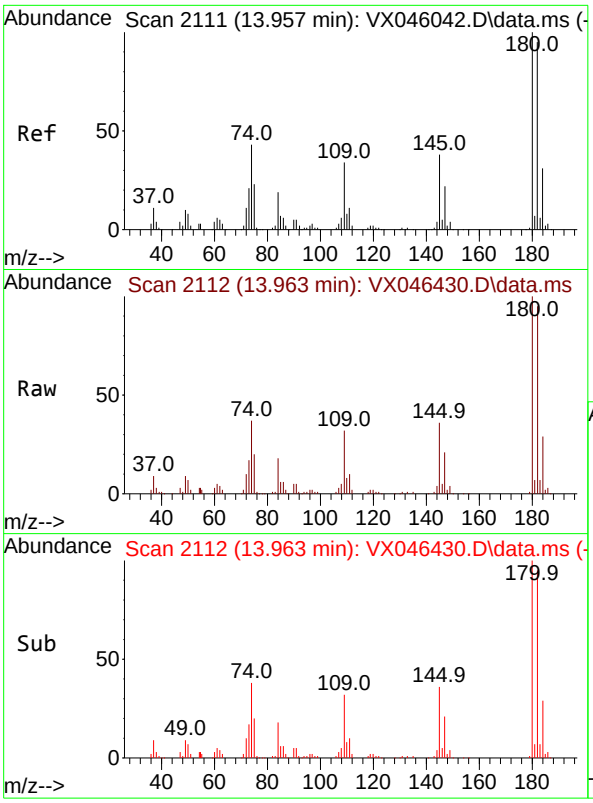


#95
Naphthalene
Concen: 56.803 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:128 Resp: 227943

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.6	13.0

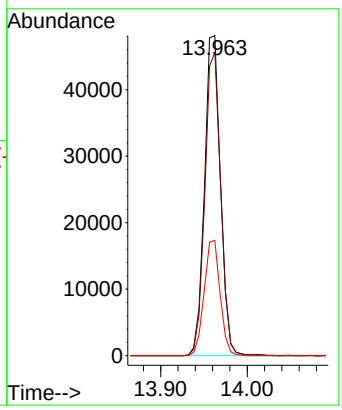




#96
1,2,3-Trichlorobenzene
Concen: 54.703 ug/l
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:180 Resp: 6175

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	36.0	18.1	54.3



Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VX053025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046409.D	1,2,3-Trichloropropane	JOHN	6/2/2025 9:39:42 AM	MMDadoda	6/2/2025 1:33:37 PM	Peak Integrated by Software
VX0530WBS01	VX046412.D	1,2,3-Trichloropropane	JOHN	6/2/2025 9:39:46 AM	MMDadoda	6/2/2025 1:33:38 PM	Peak Integrated by Software
Q2162-10	VX046427.D	Tetrahydrofuran	JOHN	6/2/2025 9:40:12 AM	MMDadoda	6/2/2025 1:33:43 PM	Peak Integrated by Software
Q2162-05MS	VX046429.D	1,2,3-Trichloropropane	JOHN	6/2/2025 9:40:18 AM	MMDadoda	6/2/2025 1:33:44 PM	Peak Integrated by Software
Q2162-06MSD	VX046430.D	1,2,3-Trichloropropane	JOHN	6/2/2025 9:40:23 AM	MMDadoda	6/2/2025 1:33:46 PM	Peak Integrated by Software
VSTDCCC050	VX046431.D	1,2,3-Trichloropropane	JOHN	6/2/2025 9:40:28 AM	MMDadoda	6/2/2025 1:33:47 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY022491.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	1,4-Dioxane	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC005	VY022491.D	Ethyl Acetate	SAM	6/3/2025 8:26:25 AM	MMDadoda	6/3/2025 2:38:13 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Dibromomethane	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC010	VY022492.D	Methacrylonitrile	SAM	6/3/2025 8:26:30 AM	MMDadoda	6/3/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC020	VY022493.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:00 AM	MMDadoda	6/3/2025 2:38:17 PM	Peak Integrated by Software
VSTDICCC050	VY022494.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:05 AM	MMDadoda	6/3/2025 2:38:19 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC100	VY022495.D	Methacrylonitrile	SAM	6/3/2025 8:26:35 AM	MMDadoda	6/3/2025 2:38:20 PM	Peak Integrated by Software
VSTDICC150	VY022496.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:28:09 AM	MMDadoda	6/3/2025 2:38:22 PM	Peak Integrated by Software
VSTDICV050	VY022498.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:26:42 AM	MMDadoda	6/3/2025 2:38:25 PM	Peak Integrated by Software
VSTDCCC050	VY022509.D	1,2,3-Trichloropropane	SAM	6/3/2025 8:27:00 AM	MMDadoda	6/3/2025 2:38:29 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy060225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vy060325	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022511.D	1,2,3-Trichloropropane	MMDadoda	6/4/2025 4:20:50 PM	Sam	6/4/2025 4:23:21 PM	Peak Integrated by Software
VSTDCCC050	VY022511.D	Methacrylonitrile	MMDadoda	6/4/2025 4:20:50 PM	Sam	6/4/2025 4:23:21 PM	Peak Integrated by Software
VY0603SBS01	VY022513.D	1,2,3-Trichloropropane	MMDadoda	6/4/2025 4:20:55 PM	Sam	6/4/2025 4:23:24 PM	Peak Integrated by Software
VY0603SBSD01	VY022514.D	1,2,3-Trichloropropane	MMDadoda	6/4/2025 4:20:57 PM	Sam	6/4/2025 4:23:29 PM	Peak Integrated by Software
VY0603SBSD01	VY022514.D	Methacrylonitrile	MMDadoda	6/4/2025 4:20:57 PM	Sam	6/4/2025 4:23:29 PM	Peak Integrated by Software
VSTDCCC050	VY022536.D	1,2,3-Trichloropropane	MMDadoda	6/4/2025 4:21:00 PM	Sam	6/4/2025 4:23:33 PM	Peak Integrated by Software
VSTDCCC050	VY022536.D	Methacrylonitrile	MMDadoda	6/4/2025 4:21:00 PM	Sam	6/4/2025 4:23:33 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX053025

Review By	Mahesh Dadoda	Review On	6/2/2025 1:33:49 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/2/2025 1:35:05 PM		
SubDirectory	VX053025	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134079
Initial Calibration Stds	
CCC	VP134080,VP134081
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046408.D	30 May 2025 08:20	JC/MD	Ok
2	VSTDCCC050	VX046409.D	30 May 2025 10:14	JC/MD	Ok,M
3	VX0530MBL01	VX046410.D	30 May 2025 10:42	JC/MD	Ok
4	VX0530WBL01	VX046411.D	30 May 2025 11:06	JC/MD	Ok
5	VX0530WBS01	VX046412.D	30 May 2025 11:29	JC/MD	Ok,M
6	VX0530WBSD01	VX046413.D	30 May 2025 11:55	JC/MD	Ok,M
7	PB168191TB	VX046414.D	30 May 2025 12:18	JC/MD	Ok
8	Q2136-05	VX046415.D	30 May 2025 12:42	JC/MD	Ok,M
9	Q2146-04	VX046416.D	30 May 2025 13:05	JC/MD	Ok
10	Q2151-04	VX046417.D	30 May 2025 13:29	JC/MD	Ok
11	Q2149-01	VX046418.D	30 May 2025 13:52	JC/MD	Ok
12	IBLK	VX046419.D	30 May 2025 14:15	JC/MD	Ok
13	Q2163-02	VX046420.D	30 May 2025 14:39	JC/MD	Ok
14	Q2162-02	VX046421.D	30 May 2025 15:02	JC/MD	Ok
15	Q2162-10	VX046422.D	30 May 2025 15:26	JC/MD	Not Ok
16	Q2162-07	VX046423.D	30 May 2025 15:49	JC/MD	Ok
17	Q2162-08	VX046424.D	30 May 2025 16:12	JC/MD	Ok
18	Q2163-01	VX046425.D	30 May 2025 16:36	JC/MD	Ok
19	IBLK	VX046426.D	30 May 2025 16:59	JC/MD	Ok
20	Q2162-10	VX046427.D	30 May 2025 17:23	JC/MD	Ok,M
21	Q2162-04	VX046428.D	30 May 2025 17:46	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX053025

Review By	Mahesh Dadoda	Review On	6/2/2025 1:33:49 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/2/2025 1:35:05 PM		
SubDirectory	VX053025	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134079
Initial Calibration Stds	
CCC	VP134080,VP134081
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2162-05MS	VX046429.D	30 May 2025 18:09	JC/MD	Ok,M
23	Q2162-06MSD	VX046430.D	30 May 2025 18:33	JC/MD	Ok,M
24	VSTDCCC050	VX046431.D	30 May 2025 18:56	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022488.D	02 Jun 2025 08:31	SY/MD	Ok
2	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	SY/MD	Not Ok
3	VY0602SBL01	VY022490.D	02 Jun 2025 10:38	SY/MD	Not Ok
4	VSTDICC005	VY022491.D	02 Jun 2025 11:46	SY/MD	Ok,M
5	VSTDICC010	VY022492.D	02 Jun 2025 12:09	SY/MD	Ok,M
6	VSTDICC020	VY022493.D	02 Jun 2025 12:32	SY/MD	Ok,M
7	VSTDICCC050	VY022494.D	02 Jun 2025 12:54	SY/MD	Ok,M
8	VSTDICC100	VY022495.D	02 Jun 2025 13:17	SY/MD	Ok,M
9	VSTDICC150	VY022496.D	02 Jun 2025 13:39	SY/MD	Ok,M
10	VIBLK	VY022497.D	02 Jun 2025 14:03	SY/MD	Ok
11	VSTDICV050	VY022498.D	02 Jun 2025 14:59	SY/MD	Ok,M
12	VY0602SBL02	VY022499.D	02 Jun 2025 16:00	SY/MD	Ok
13	VY0602SBS01	VY022500.D	02 Jun 2025 16:24	SY/MD	Ok,M
14	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47	SY/MD	Ok,M
15	Q2160-02	VY022502.D	02 Jun 2025 17:10	SY/MD	Ok
16	Q2152-01	VY022503.D	02 Jun 2025 17:34	SY/MD	Not Ok
17	Q2153-01RE	VY022504.D	02 Jun 2025 17:57	SY/MD	Confirms
18	Q2147-02	VY022505.D	02 Jun 2025 18:21	SY/MD	Not Ok
19	Q2150-02	VY022506.D	02 Jun 2025 18:44	SY/MD	Ok
20	Q2150-05RE	VY022507.D	02 Jun 2025 19:08	SY/MD	Confirms
21	Q2161-01	VY022508.D	02 Jun 2025 19:31	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM				
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY022509.D	02 Jun 2025 19:54	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060325

Review By	Mahesh Dadoda	Review On	6/4/2025 4:21:05 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/4/2025 4:23:38 PM				
SubDirectory	VY060325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134097
Initial Calibration Stds	
CCC	VP134098,VP134099
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	VY022510.D	03 Jun 2025 09:03	SY/MD	Ok
2	VSTDCCC050	VY022511.D	03 Jun 2025 10:03	SY/MD	Ok,M
3	VY0603SBL01	VY022512.D	03 Jun 2025 10:40	SY/MD	Ok
4	VY0603SBS01	VY022513.D	03 Jun 2025 11:15	SY/MD	Ok,M
5	VY0603SBSD01	VY022514.D	03 Jun 2025 11:38	SY/MD	Ok,M
6	Q2155-01	VY022515.D	03 Jun 2025 12:17	SY/MD	Ok
7	Q2155-02	VY022516.D	03 Jun 2025 12:40	SY/MD	Ok,M
8	Q2185-02	VY022517.D	03 Jun 2025 13:04	SY/MD	Ok
9	Q2185-06	VY022518.D	03 Jun 2025 13:27	SY/MD	Ok
10	Q2172-02	VY022519.D	03 Jun 2025 13:51	SY/MD	Ok
11	Q2168-03	VY022520.D	03 Jun 2025 14:14	SY/MD	ReRun
12	Q2168-07	VY022521.D	03 Jun 2025 14:38	SY/MD	Dilution
13	Q2168-11	VY022522.D	03 Jun 2025 15:01	SY/MD	Dilution
14	Q2182-01	VY022523.D	03 Jun 2025 15:24	SY/MD	ReRun
15	Q2162-01	VY022524.D	03 Jun 2025 15:48	SY/MD	Ok
16	Q2161-02	VY022525.D	03 Jun 2025 16:11	SY/MD	Not Ok
17	Q2176-01	VY022526.D	03 Jun 2025 16:35	SY/MD	Ok
18	Q2176-02	VY022527.D	03 Jun 2025 16:58	SY/MD	Ok
19	Q2176-03	VY022528.D	03 Jun 2025 17:22	SY/MD	Ok
20	Q2176-04	VY022529.D	03 Jun 2025 17:45	SY/MD	Ok
21	Q2176-05	VY022530.D	03 Jun 2025 18:09	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060325

Review By	Mahesh Dadoda	Review On	6/4/2025 4:21:05 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	6/4/2025 4:23:38 PM				
SubDirectory	VY060325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134097
Initial Calibration Stds	
CCC	VP134098,VP134099
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2176-06	VY022531.D	03 Jun 2025 18:32	SY/MD	Ok
23	Q2176-07	VY022532.D	03 Jun 2025 18:56	SY/MD	Ok
24	Q2176-08	VY022533.D	03 Jun 2025 19:19	SY/MD	Ok
25	Q2177-01	VY022534.D	03 Jun 2025 19:42	SY/MD	Ok
26	VIBLK	VY022535.D	03 Jun 2025 20:06	SY/MD	Ok
27	VSTDCCC050	VY022536.D	03 Jun 2025 20:51	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX053025

Review By	Mahesh Dadoda	Review On	6/2/2025 1:33:49 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/2/2025 1:35:05 PM		
SubDirectory	VX053025	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134079
Initial Calibration Stds	
CCC	VP134080,VP134081
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	VX046408.D	30 May 2025 08:20		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046409.D	30 May 2025 10:14	pH#Lot#V12668	JC/MD	Ok,M
3	VX0530MBL01	VX0530MBL01	VX046410.D	30 May 2025 10:42		JC/MD	Ok
4	VX0530WBL01	VX0530WBL01	VX046411.D	30 May 2025 11:06		JC/MD	Ok
5	VX0530WBS01	VX0530WBS01	VX046412.D	30 May 2025 11:29		JC/MD	Ok,M
6	VX0530WBSD01	VX0530WBSD01	VX046413.D	30 May 2025 11:55		JC/MD	Ok,M
7	PB168191TB	PB168191TB	VX046414.D	30 May 2025 12:18		JC/MD	Ok
8	Q2136-05	OR-646-COMP-52	VX046415.D	30 May 2025 12:42	vial A pH#5.0	JC/MD	Ok,M
9	Q2146-04	TP04-MHN-WC	VX046416.D	30 May 2025 13:05	vial A pH#5.0	JC/MD	Ok
10	Q2151-04	WC-1	VX046417.D	30 May 2025 13:29	vial A pH#5.0	JC/MD	Ok
11	Q2149-01	FILTER-CAKE	VX046418.D	30 May 2025 13:52	vial A pH#5.0 Sample very turbid	JC/MD	Ok
12	IBLK	IBLK	VX046419.D	30 May 2025 14:15		JC/MD	Ok
13	Q2163-02	250528060-03-TRIP-BL	VX046420.D	30 May 2025 14:39	vial A pH#6.0	JC/MD	Ok
14	Q2162-02	BP-VPB-182-TB-20250	VX046421.D	30 May 2025 15:02	vial A pH<2 TB	JC/MD	Ok
15	Q2162-10	BP-VPB-182-EB-20250	VX046422.D	30 May 2025 15:26	vial A pH<2 EB;Hit of comp.#16,20,25	JC/MD	Not Ok
16	Q2162-07	BP-VPB-182-GW-620-6	VX046423.D	30 May 2025 15:49	vial A pH<2	JC/MD	Ok
17	Q2162-08	BP-VPB-182-GW-640-6	VX046424.D	30 May 2025 16:12	vial A +B pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX053025

Review By	Mahesh Dadoda	Review On	6/2/2025 1:33:49 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/2/2025 1:35:05 PM		
SubDirectory	VX053025	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134079
Initial Calibration Stds	
CCC	VP134080,VP134081
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2163-01	250528063-01	VX046425.D	30 May 2025 16:36	vial A pH#6.0	JC/MD	Ok
19	IBLK	IBLK	VX046426.D	30 May 2025 16:59		JC/MD	Ok
20	Q2162-10	BP-VPB-182-EB-20250	VX046427.D	30 May 2025 17:23	vial B pH<2 EB	JC/MD	Ok,M
21	Q2162-04	BP-VPB-182-GW-600-6	VX046428.D	30 May 2025 17:46	vial A+B pH<2	JC/MD	Ok
22	Q2162-05MS	BP-VPB-182-GW-600-6	VX046429.D	30 May 2025 18:09	vial A+B pH<2	JC/MD	Ok,M
23	Q2162-06MSD	BP-VPB-182-GW-600-6	VX046430.D	30 May 2025 18:33	vial A+B pH<2	JC/MD	Ok,M
24	VSTDCCC050	VSTDCCC050EC	VX046431.D	30 May 2025 18:56		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022488.D	02 Jun 2025 08:31		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022489.D	02 Jun 2025 09:08	Need ICAL	SY/MD	Not Ok
3	VY0602SBL01	VY0602SBL01	VY022490.D	02 Jun 2025 10:38		SY/MD	Not Ok
4	VSTDICC005	VSTDICC005	VY022491.D	02 Jun 2025 11:46		SY/MD	Ok,M
5	VSTDICC010	VSTDICC010	VY022492.D	02 Jun 2025 12:09		SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VY022493.D	02 Jun 2025 12:32		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VY022494.D	02 Jun 2025 12:54		SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VY022495.D	02 Jun 2025 13:17		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VY022496.D	02 Jun 2025 13:39		SY/MD	Ok,M
10	VIBLK	VIBLK	VY022497.D	02 Jun 2025 14:03		SY/MD	Ok
11	VSTDICV050	ICVVY060225	VY022498.D	02 Jun 2025 14:59	Icv Fail For DOD For Com.# 18	SY/MD	Ok,M
12	VY0602SBL02	VY0602SBL02	VY022499.D	02 Jun 2025 16:00		SY/MD	Ok
13	VY0602SBS01	VY0602SBS01	VY022500.D	02 Jun 2025 16:24		SY/MD	Ok,M
14	VY0602SBSD01	VY0602SBSD01	VY022501.D	02 Jun 2025 16:47		SY/MD	Ok,M
15	Q2160-02	TP04-MHG-VOC	VY022502.D	02 Jun 2025 17:10	vial A	SY/MD	Ok
16	Q2152-01	OK-02-05292025	VY022503.D	02 Jun 2025 17:34	Not Purged,vial B	SY/MD	Not Ok
17	Q2153-01RE	TR-04-0592025RE	VY022504.D	02 Jun 2025 17:57	Surrogate Fail;Internal Standard Fail, vial B	SY/MD	Confirms

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060225

Review By	Mahesh Dadoda	Review On	6/3/2025 2:38:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/3/2025 2:39:16 PM		
SubDirectory	VY060225	HP Acquire Method	MSVOA_Y	HP Processing Method	82Y060225S.M

STD. NAME	STD REF.#
Tune/Reschk	VP134084
Initial Calibration Stds	VP134085,VP134086,VP134087,VP134088,VP134089,VP134090
CCC	VP134092,VP134093
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134091
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2147-02	VOC	VY022505.D	02 Jun 2025 18:21	Not purge,vial B	SY/MD	Not Ok
19	Q2150-02	TP-42	VY022506.D	02 Jun 2025 18:44	vial B	SY/MD	Ok
20	Q2150-05RE	TP-47RE	VY022507.D	02 Jun 2025 19:08	Internal Standard Fail,vial B	SY/MD	Confirms
21	Q2161-01	B27-SOIL-SAMPLE	VY022508.D	02 Jun 2025 19:31	vial-B Not purge	SY/MD	Not Ok
22	VSTDCCC050	VSTDCCC050EC	VY022509.D	02 Jun 2025 19:54		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060325

Review By	Mahesh Dadoda	Review On	6/4/2025 4:21:05 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/4/2025 4:23:38 PM		
SubDirectory	VY060325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134097
Initial Calibration Stds	
CCC	VP134098,VP134099
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	VY022510.D	03 Jun 2025 09:03		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022511.D	03 Jun 2025 10:03		SY/MD	Ok,M
3	VY0603SBL01	VY0603SBL01	VY022512.D	03 Jun 2025 10:40		SY/MD	Ok
4	VY0603SBS01	VY0603SBS01	VY022513.D	03 Jun 2025 11:15		SY/MD	Ok,M
5	VY0603SBSD01	VY0603SBSD01	VY022514.D	03 Jun 2025 11:38		SY/MD	Ok,M
6	Q2155-01	446	VY022515.D	03 Jun 2025 12:17	vial-A	SY/MD	Ok
7	Q2155-02	447-SOLID	VY022516.D	03 Jun 2025 12:40	vial-A	SY/MD	Ok,M
8	Q2185-02	TP02-MHB-VOC	VY022517.D	03 Jun 2025 13:04	vial-A	SY/MD	Ok
9	Q2185-06	TP01-MHB-VOC	VY022518.D	03 Jun 2025 13:27	vial-A	SY/MD	Ok
10	Q2172-02	TP06-MHQ-VOC	VY022519.D	03 Jun 2025 13:51	vial-A	SY/MD	Ok
11	Q2168-03	A3	VY022520.D	03 Jun 2025 14:14	vial-A Internal Standard Fail; Surrogate Fail	SY/MD	ReRun
12	Q2168-07	B3	VY022521.D	03 Jun 2025 14:38	vial-A Need MeOH;Internal Standard Fail	SY/MD	Dilution
13	Q2168-11	C2	VY022522.D	03 Jun 2025 15:01	vial-A Need MeOH;Internal Standard Fail	SY/MD	Dilution
14	Q2182-01	OR-03-06022025	VY022523.D	03 Jun 2025 15:24	vial-A Internal Standard Fail	SY/MD	ReRun
15	Q2162-01	BP-VPB-182-GW-580-5	VY022524.D	03 Jun 2025 15:48	vial-A	SY/MD	Ok
16	Q2161-02	B28-SOIL-SAMPLE	VY022525.D	03 Jun 2025 16:11	vial-B Not purge	SY/MD	Not Ok
17	Q2176-01	TP-46	VY022526.D	03 Jun 2025 16:35	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY060325

Review By	Mahesh Dadoda	Review On	6/4/2025 4:21:05 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/4/2025 4:23:38 PM		
SubDirectory	VY060325	HP Acquire Method	MSVOA_Y	HP Processing Method	82y060225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134097
Initial Calibration Stds	
CCC	VP134098,VP134099
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2176-02	TP-56	VY022527.D	03 Jun 2025 16:58	vial-A	SY/MD	Ok
19	Q2176-03	TP-25	VY022528.D	03 Jun 2025 17:22	vial-A	SY/MD	Ok
20	Q2176-04	TP-26	VY022529.D	03 Jun 2025 17:45	vial-A	SY/MD	Ok
21	Q2176-05	TP-28	VY022530.D	03 Jun 2025 18:09	vial-A	SY/MD	Ok
22	Q2176-06	TP-27	VY022531.D	03 Jun 2025 18:32	vial-A	SY/MD	Ok
23	Q2176-07	TP-31	VY022532.D	03 Jun 2025 18:56	vial-A	SY/MD	Ok
24	Q2176-08	TP-65	VY022533.D	03 Jun 2025 19:19	vial-A	SY/MD	Ok
25	Q2177-01	B-187-SB00	VY022534.D	03 Jun 2025 19:42	vial-A	SY/MD	Ok
26	VIBLK	VIBLK	VY022535.D	03 Jun 2025 20:06		SY/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VY022536.D	03 Jun 2025 20:51		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:33
Out Date: 05/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135959

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
Q2159-01	TP05-MHO-WC	1	1.18	10.28	11.46	9.71	83.0	
Q2159-02	TP05-MHO-VOC	2	1.18	10.54	11.72	10.12	84.8	
Q2159-03	TP05-MHO-EPH	3	1.15	10.24	11.39	8.78	74.5	
Q2160-01	TP04-MHG-WC	4	1.19	10.38	11.57	10.25	87.3	
Q2160-02	TP04-MHG-VOC	5	1.19	10.30	11.49	10.17	87.2	
Q2160-03	TP04-MHG-EPH	6	1.17	10.09	11.26	9.99	87.4	
Q2160-05	TP05-MHG-WC	7	1.19	10.40	11.59	9.78	82.6	
Q2160-06	TP05-MHG-VOC	8	1.19	10.46	11.65	10.18	85.9	
Q2160-07	TP05-MHG-EPH	9	1.17	10.76	11.93	10.00	82.1	
Q2161-01	B27-SOIL-SAMPLE	20	1.15	10.13	11.28	10.15	88.8	
Q2161-02	B28-SOIL-SAMPLE	21	1.18	10.72	11.9	10.62	88.1	
Q2162-01	BP-VPB-182-GW-580-582	22	1.19	10.27	11.46	2.14	9.3	sludge sample
Q2164-05	SVOC-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2164-06	PEST-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2164-07	PEST-GPC-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2164-08	PCB-GPC-BLANK	13	1.00	1.00	2.00	2.00	100.0	
Q2164-09	PCB-GPC-BLANK-SPIKE	14	1.00	1.00	2.00	2.00	100.0	
Q2164-10	SVOC-GPC2-BLANK	15	1.00	1.00	2.00	2.00	100.0	
Q2164-11	PEST-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q2164-12	PEST-GPC2-BLANK-SPIKE	17	1.00	1.00	2.00	2.00	100.0	
Q2164-13	PCB-GPC2-BLANK	18	1.00	1.00	2.00	2.00	100.0	
Q2164-14	PCB-GCP2-BLANK-SPIKE	19	1.00	1.00	2.00	2.00	100.0	
Q2166-01	1	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-02	2	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-03	3	25	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-04	4	26	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-05	5	27	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-06	6	28	1.00	1.00	2.00	2.00	100.0	wipe sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:33
Out Date: 05/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135959

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
Q2166-07	7	29	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-08	8	30	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-09	9	31	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-10	10	32	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-11	11	33	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-12	12	34	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-13	13	35	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-14	14	36	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-15	15	37	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-16	16	38	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-17	17	39	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-18	18	40	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-19	19	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-20	20	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-21	21	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-22	22	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-23	23	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-24	24	46	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-25	25	47	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-26	26	48	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-27	27	49	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-28	28	50	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-29	29	51	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2166-30	30	52	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2172-01	TP06-MHQ	53	1.13	10.73	11.86	10.39	86.3	
Q2172-02	TP06-MHQ-VOC	54	1.14	9.96	11.1	9.95	88.5	
Q2172-03	TP06-MHQ-EPH	55	1.18	10.72	11.9	10.44	86.4	
Q2173-01	OR-400-CF-402B-COMP-23	56	1.16	10.24	11.4	10.00	86.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:33
Out Date: 05/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135959

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
Q2173-02	OR-400-CF-402B-VOC-23	57	1.19	10.23	11.42	10.47	90.7	
Q2173-03	OR-400-CF-402B-61	58	1.16	10.13	11.29	10.28	90.0	
Q2173-04	OR-400-CF-402B-62	59	1.15	10.14	11.29	9.86	85.9	
Q2173-05	OR-400-CF-402B-63	60	1.15	10.80	11.95	10.03	82.2	
Q2173-07	OR-400-CF-402B-COMP-24	61	1.16	10.72	11.88	9.75	80.1	
Q2173-08	OR-400-CF-402B-VOC-24	62	1.12	10.85	11.97	9.91	81.0	
Q2173-09	OR-400-CF-402B-64	63	1.19	10.46	11.65	9.71	81.5	
Q2173-10	OR-400-CF-402B-65	64	1.17	10.74	11.91	9.63	78.8	
Q2173-11	OR-400-CF-402B-66	65	1.16	10.46	11.62	9.76	82.2	
Q2173-13	OR-400-CF-402B-COMP-25	66	1.16	10.51	11.67	9.82	82.4	
Q2173-14	OR-400-CF-402B-VOC-25	67	1.18	10.62	11.8	10.46	87.4	
Q2173-15	OR-400-CF-402B-67	68	1.15	10.81	11.96	9.84	80.4	
Q2173-16	OR-400-CF-402B-68	69	1.16	10.53	11.69	10.4	87.7	
Q2173-17	OR-400-CF-402B-69	70	1.13	10.79	11.92	9.96	81.8	
Q2174-01	DP1	71	1.15	10.03	11.18	10.82	96.4	
Q2174-02	D1	72	1.13	10.27	11.4	10.85	94.6	
Q2174-03	D2	73	1.13	10.26	11.39	10.22	88.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135959

WorkList Name : %1-053025 **WorkList ID :** 189833 **Department :** Wet-Chemistry **Date :** 05-30-2025 08:02:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2159-01	TP05-MHO-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2159-02	TP05-MHO-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2159-03	TP05-MHO-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-01	TP04-MHG-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-02	TP04-MHG-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-03	TP04-MHG-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-05	TP05-MHG-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-06	TP05-MHG-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2160-07	TP05-MHG-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2161-01	B27-SOIL-SAMPLE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/29/2025	Chemtech -SO
Q2161-02	B28-SOIL-SAMPLE	Solid	Percent Solids	Cool 4 deg C	SCAL01	L41	05/12/2025	Chemtech -SO
Q2162-01	BP-VPB-182-GW-580-582	Solid	Percent Solids	1:1 HCl to pH < 2	SCAL01	L41	05/12/2025	Chemtech -SO
Q2164-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	TETR06	L31	05/27/2025	Chemtech -SO
Q2164-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2164-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO

Date/Time 05/30/25 15:10

Raw Sample Received by: RCW

Raw Sample Relinquished by: I.C Sm

Date/Time 05/30/25 17:30

Raw Sample Received by: I.C Sm

Raw Sample Relinquished by: RCW

WORKLIST(Hardcopy Internal Chain)

VB 135959

WorkList Name : %1-053025 **WorkList ID :** 189833 **Department :** Wet-Chemistry **Date :** 05-30-2025 08:02:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2164-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	05/23/2025	Chemtech -SO
Q2166-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-08	8	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-09	9	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-10	10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-11	11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-12	12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-13	13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-14	14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-15	15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-16	16	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-17	17	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-18	18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-19	19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-20	20	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO

Date/Time 05/30/25 15:10

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 05/30/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB 135959

WorkList Name : %1-053025 **WorkList ID :** 189833 **Department :** Wet-Chemistry **Date :** 05-30-2025 08:02:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2166-21	21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-22	22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-23	23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-24	24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-25	25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-26	26	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-27	27	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-28	28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-29	29	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2166-30	30	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2172-01	TP06-MHQ	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/30/2025	Chemtech -SO
Q2172-02	TP06-MHQ-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2172-03	TP06-MHQ-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-01	OR-400-CF-402B-COMP-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-02	OR-400-CF-402B-VOC-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-03	OR-400-CF-402B-61	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-04	OR-400-CF-402B-62	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-05	OR-400-CF-402B-63	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-07	OR-400-CF-402B-COMP-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-08	OR-400-CF-402B-VOC-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-09	OR-400-CF-402B-64	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO

Date/Time 05/30/25 1540

Raw Sample Received by: TB (WC)

Raw Sample Relinquished by: T.C (SM)

Date/Time 05/30/25 1730

Raw Sample Received by: T.C (SM)

Raw Sample Relinquished by: TB (WC)

WORKLIST(Hardcopy Internal Chain)

135959

WorkList Name : %1-053025 **WorkList ID :** 189833 **Department :** Wet-Chemistry **Date :** 05-30-2025 08:02:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2173-10	OR-400-CF-402B-65	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-11	OR-400-CF-402B-66	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-13	OR-400-CF-402B-COMP-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-14	OR-400-CF-402B-VOC-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-15	OR-400-CF-402B-67	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-16	OR-400-CF-402B-68	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2173-17	OR-400-CF-402B-69	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2174-01	DP1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/30/2025	Chemtech -SO
Q2174-02	D1	Solid	Percent Solids	Cool 4 deg C	GENV01	L41	05/30/2025	Chemtech -SO
Q2174-03	D2	Solid	Percent Solids	Cool 4 deg C	GENV01	L41	05/30/2025	Chemtech -SO

Date/Time 05/30/25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 05/30/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

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

Prep Standard - Chemical Standard Summary

Order ID : Q2162

Test : VOCMS Group1

Prepbatch ID :

Sequence ID/Qc Batch ID: VX053025,vy060325,

Standard ID :
VP132035,VP132036,VP132096,VP132098,VP133174,VP133175,VP133887,VP133888,VP133934,VP133935,VP133953,VP133991,VP133995,VP134079,VP134080,VP134081,VP134097,VP134098,VP134099,

Chemical ID :
V13391,V13457,V13460,V13465,V13466,V13706,V14290,V14432,V14435,V14503,V14504,V14525,V14526,V14613,V14614,V14620,V14626,V14630,V14631,V14632,V14633,V14711,V14717,V14718,V14721,V14749,V14750,V14811,V14812,V14843,V14921,V14944,V14945,V14946,V14947,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP132035	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 1.00000ml of V14630 + 1.00000ml of V14631 + 1.00000ml of V14632 + 1.00000ml of V14633 + 46.00000ml of V14614 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1811	8260 Working Std(2-CVE)-500ppm	VP132036	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 7.50000ml of V14614 + 12.50000ml of VP132035 = 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
719	8260 Working STD (BCM)-First source, 400PPM	VP132096	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.00000ml of V13465 + 1.00000ml of V13466 + 1.50000ml of V13457 + 1.50000ml of V13460 + 20.00000ml of V14614 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
252	8260 Working STD (BCM)-First source, 100PPM	VP132098	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.25000ml of V13466 + 23.75000ml of V14614 = 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
617	8260 Surrogate, 400PPM	VP133174	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.40000ml of V13706 + 24.60000ml of V14613 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
249	8260 Surrogate, 100PPM	VP133175	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.10000ml of V13706 + 24.90000ml of V14613 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP133887	05/12/2025	06/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/14/2025

FROM 0.40000ml of V14843 + 1.00000ml of V14432 + 1.00000ml of V14435 + 1.00000ml of V14503 + 1.00000ml of V14504 + 1.00000ml of V14525 + 1.00000ml of V14526 + 1.00000ml of V14711 + 1.00000ml of V14717 + 1.00000ml of V14718 + 1.00000ml of V14721 + 1.00000ml of V14749 + 1.00000ml of V14750 + 1.00000ml of V14811 + 1.00000ml of V14812 + 10.60000ml of V14921 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
244	8260 Calibration Working STD Mix-First source, 100PPM	VP133888	05/12/2025	06/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/14/2025

FROM 5.62500ml of V14921 + 9.37500ml of VP133887 = Final Quantity: 15.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1917	8260 Internal standard 50 ppm	VP133934	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.10000ml of V14290 + 49.90000ml of V14921 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP133935	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14921 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP133953	05/19/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.25000ml of V13391 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133991	05/22/2025	06/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/24/2025

FROM 1.00000ml of V14944 + 1.00000ml of V14945 + 1.00000ml of V14946 + 1.00000ml of V14947 + 21.00000ml of V14620 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
56	8260 Working STD (Acrolein) -first source, 500PPM	VP133995	05/22/2025	06/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/24/2025

FROM 5.62500ml of V14620 + 9.37500ml of VP133991 = Final Quantity: 15.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP134079	05/30/2025	05/31/2025	John Carlone	None	None	Mahesh Dadoda 06/05/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP133953 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP134080	05/30/2025	05/31/2025	John Carlone	None	None	Mahesh Dadoda 06/05/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP133935 + 0.01250ml of VP132035 + 0.01250ml of VP133887 + 0.01250ml of VP133991 = 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	VP134081	05/30/2025	05/31/2025	John Carlone	None	None	Mahesh Dadoda 06/05/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP133935 + 0.01250ml of VP132035 + 0.01250ml of VP133887 + 0.01250ml of VP133991 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP134097	06/03/2025	06/04/2025	Amit Patel	None	None	Mahesh Dadoda 06/05/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP133953 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP134098	06/03/2025	06/04/2025	Amit Patel	None	None	Mahesh Dadoda 06/05/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133888 + 0.00250ml of VP133995 + 0.00500ml of VP133934 = 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	VP134099	06/03/2025	06/04/2025	Amit Patel	None	None	Mahesh Dadoda 06/05/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133888 + 0.00250ml of VP133995 + 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	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13457

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13460

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13465

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13466

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0196865	02/27/2026	02/27/2025 / SAM	04/12/2023 / SAM	V13706

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	05/12/2025 / SAM	08/15/2024 / SAM	V14432

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/20/2025	03/20/2025 / SAM	08/15/2024 / SAM	V14435

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14503

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	11/12/2025	05/12/2025 / SAM	09/17/2024 / SAM	V14504

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14525

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	11/12/2025	05/12/2025 / SAM	09/18/2024 / SAM	V14526

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	08/27/2025	02/27/2025 / SAM	11/26/2024 / SAM	V14613

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	06/10/2025	12/10/2024 / SAM	11/26/2024 / SAM	V14614

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	10/25/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14620

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14630

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14631

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14632

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14633

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14711

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14717

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14718

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14721

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/13/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14749

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	11/12/2025	05/12/2025 / SAM	12/17/2024 / SAM	V14750

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	11/12/2025	05/12/2025 / SAM	01/08/2025 / SAM	V14811

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	06/30/2026	05/12/2025 / SAM	01/08/2025 / SAM	V14812

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	11/12/2025	05/12/2025 / SAM	01/21/2025 / SAM	V14843

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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 #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14945

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14946

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	051925	06/19/2025	05/22/2025 / SAM	05/21/2025 / SAM	V14947

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

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Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier

Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier

Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty (5E-05 Balance Uncertainty)

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

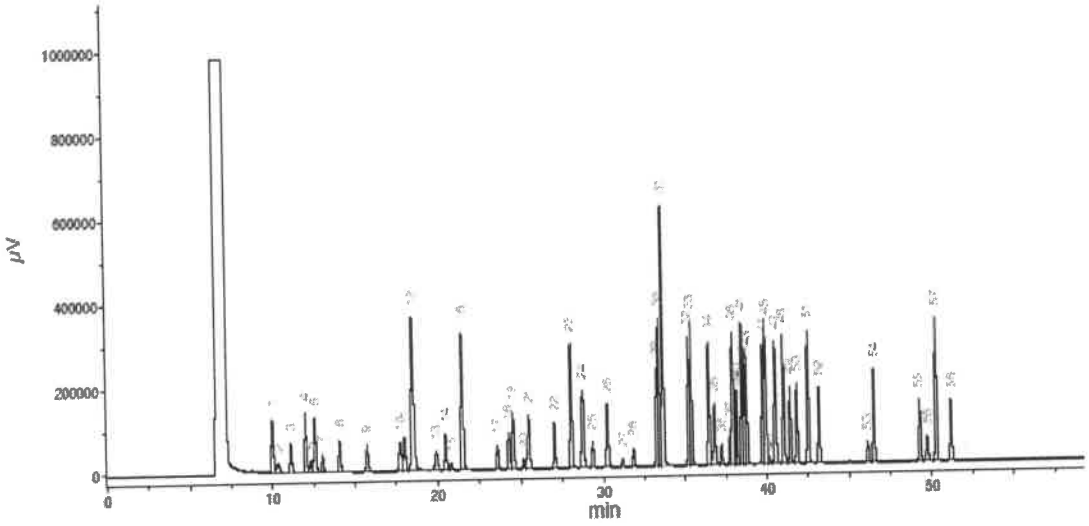
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2. Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3. Carbon disulphide	(0060)	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)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13. Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14. 2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15. Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16. 1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17. Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18. Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19. cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20. trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21. Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22. 1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23. Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24. Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25. Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26. Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27. 1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28. 2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29. Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30. 1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31. 1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32. 1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33. 1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34. 1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35. 1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36. 1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37. cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38. trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39. Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40. 1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41. 1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42. 1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43. Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44. 1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45. Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46. Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47. n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48. Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49. p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50. Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51. Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52. Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53. 1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54. 1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55. 1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56. 1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57. m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58. tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59. sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60. Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61. 2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62. 4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63. 1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64. 1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65. 1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66. Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67. n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68. o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69. p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.33
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	48.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

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

Weight(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	5E-05 Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

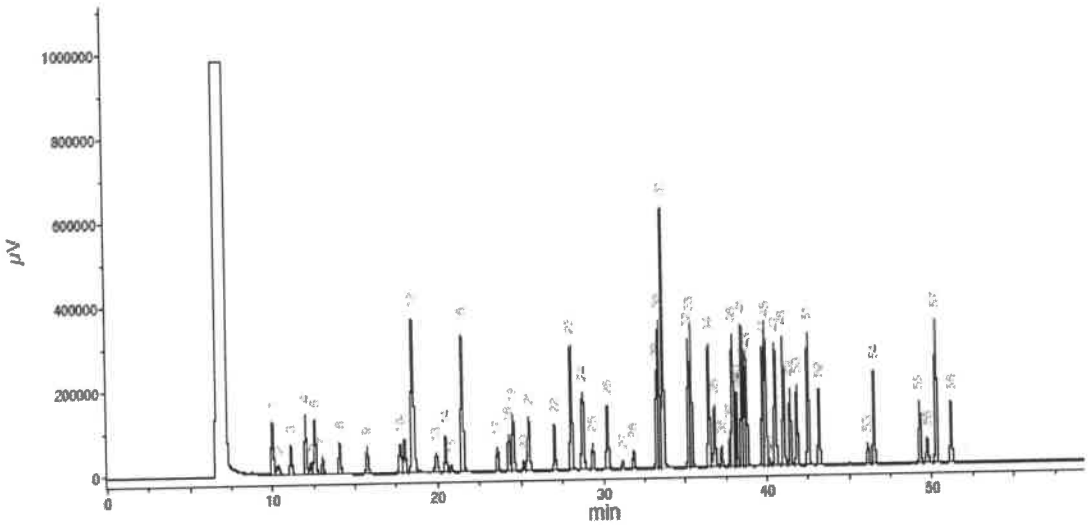
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	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 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
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	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Weight(s) shown below were combined and diluted to (mL): 10.0

Solvent(s): **Lot#**
Water 072324Q

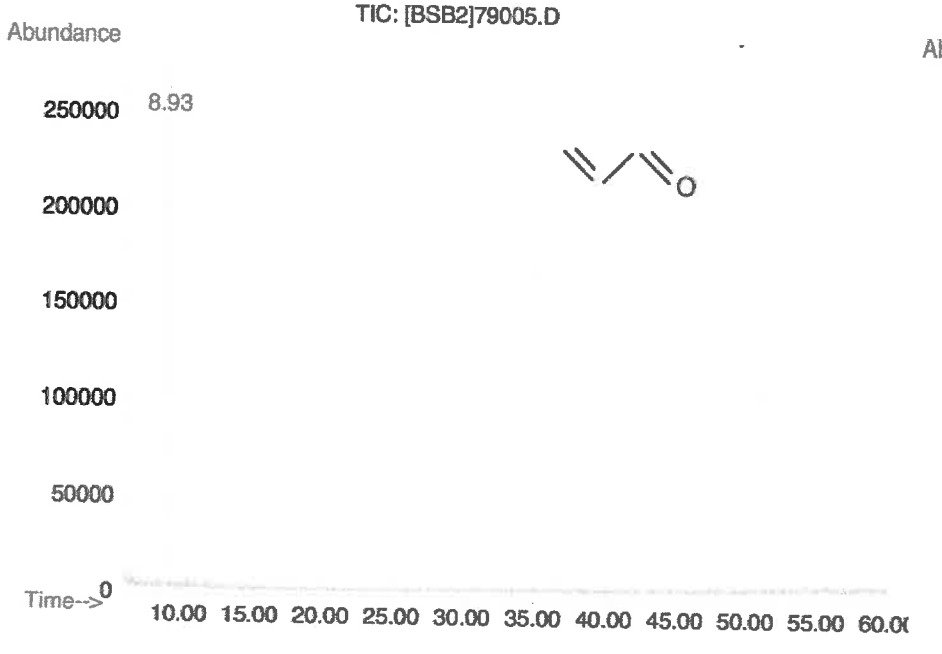
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

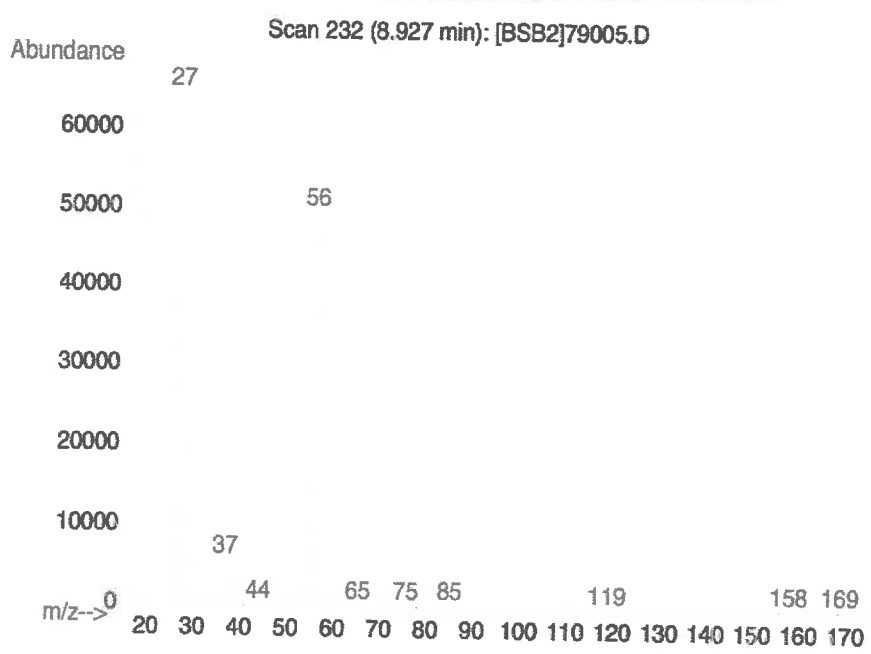
Justin Dippold 091424
Formulated By: Justin Dippold DATE

Pedro Rentas 091424
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- 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).

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Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

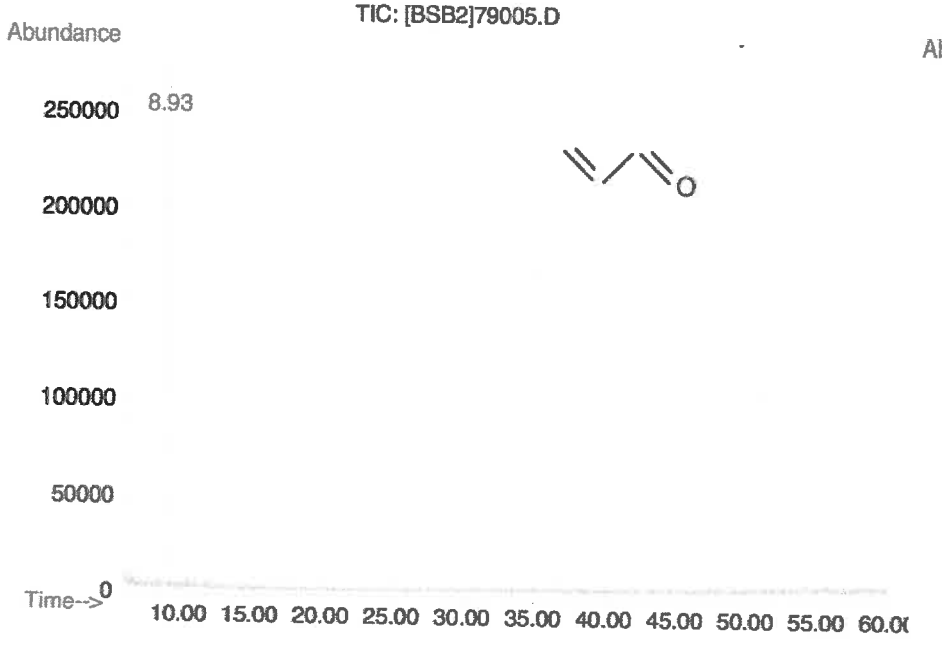
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

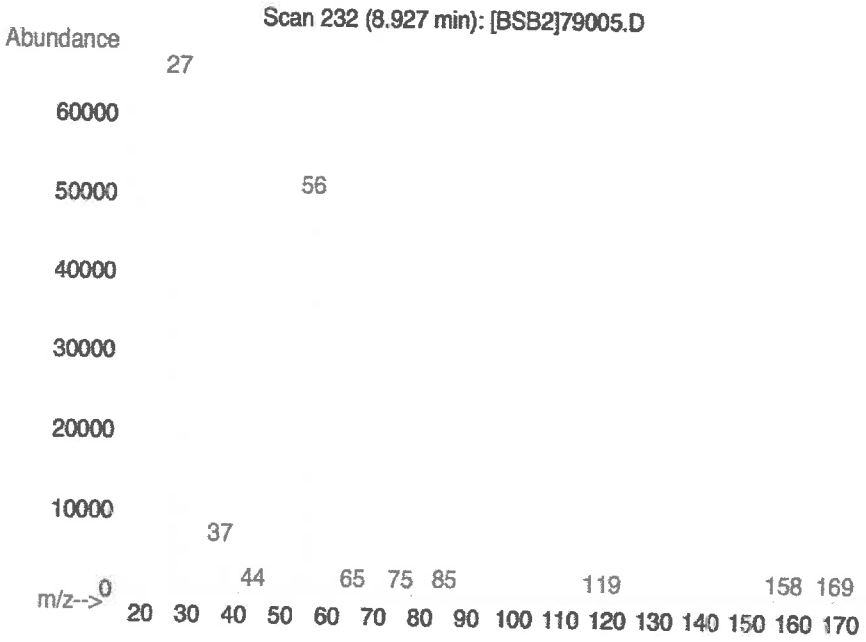
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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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- 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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20 vial
V14630 to
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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

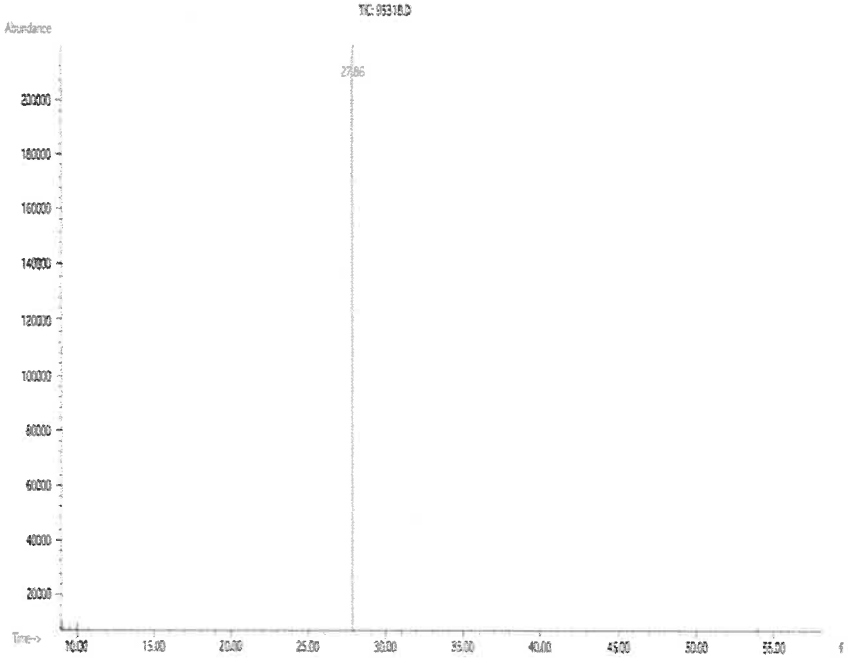
Solvent(s): Methanol **Lot#** EJ143-US

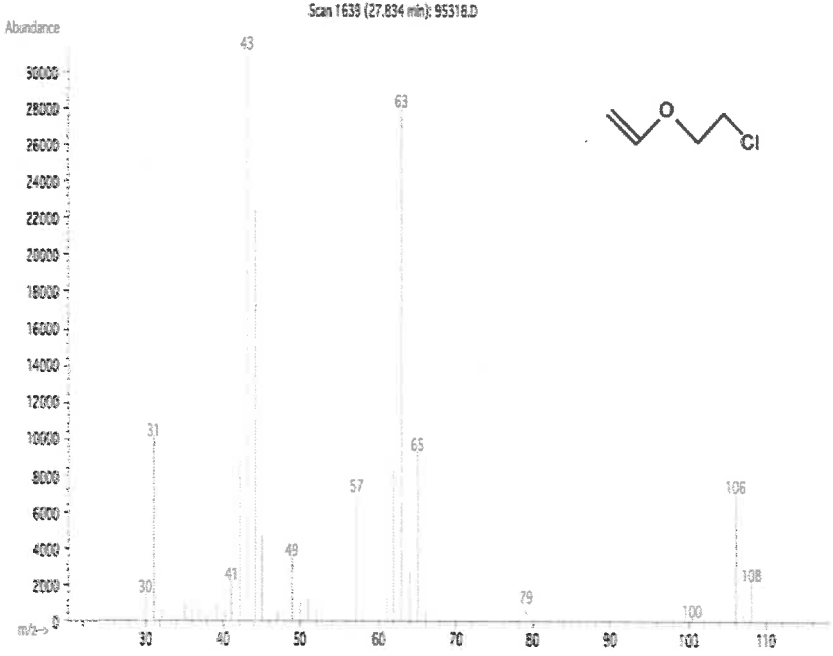
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.
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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 WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

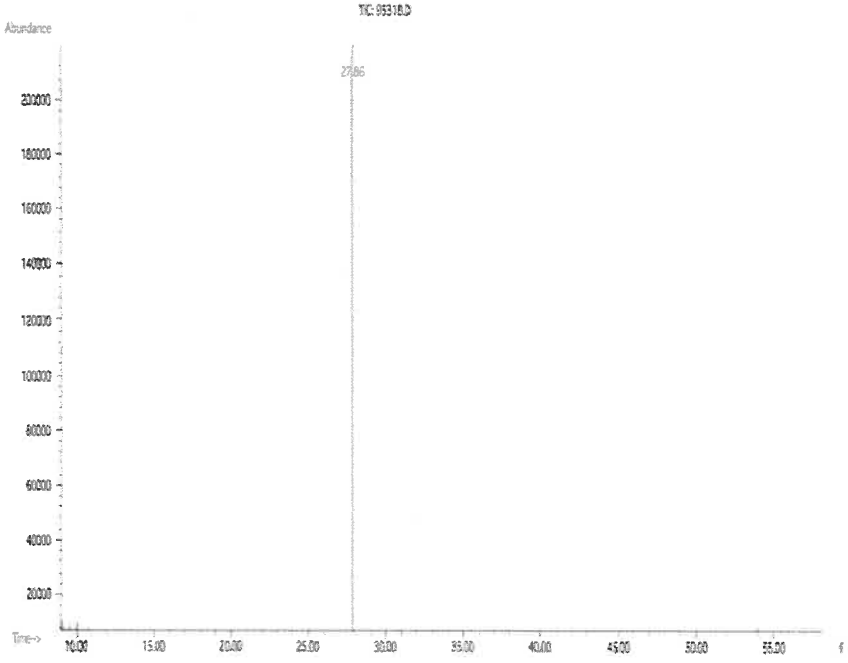
Solvent(s): Methanol **Lot#** EJ143-US

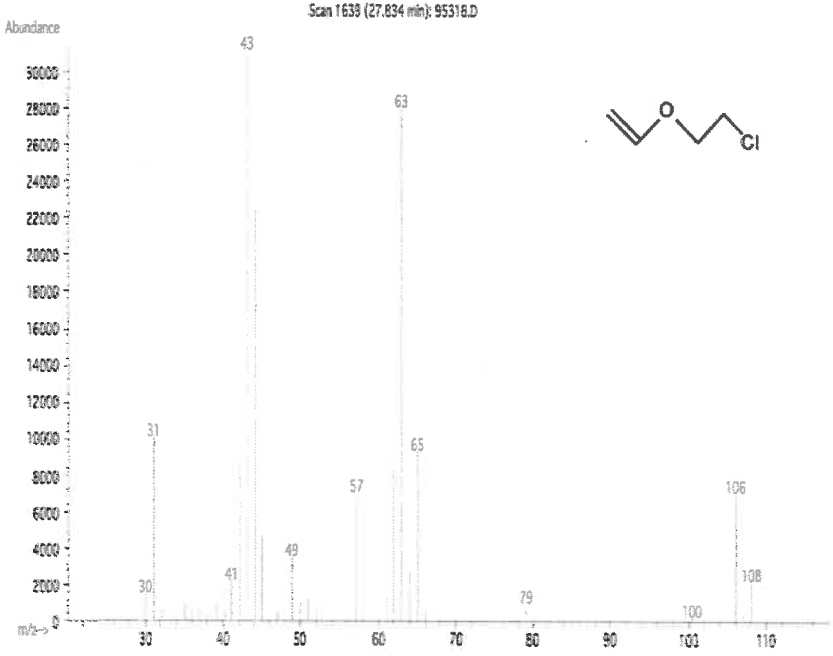
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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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.
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Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
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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
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

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CERTIFIED WEIGHT REPORT

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Nominal Concentration (µg/mL): 10000
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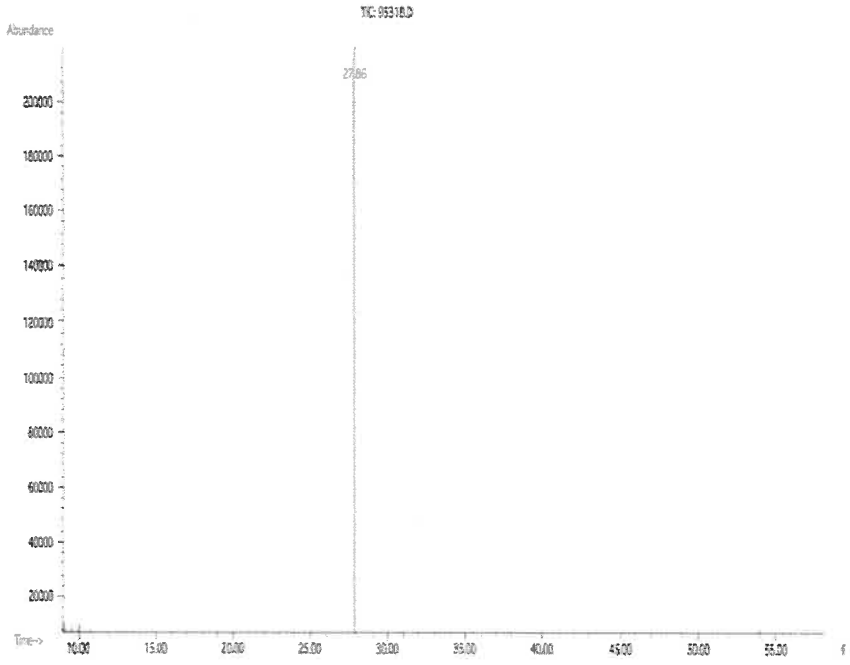
Solvent(s): Methanol **Lot#** EJ143-US

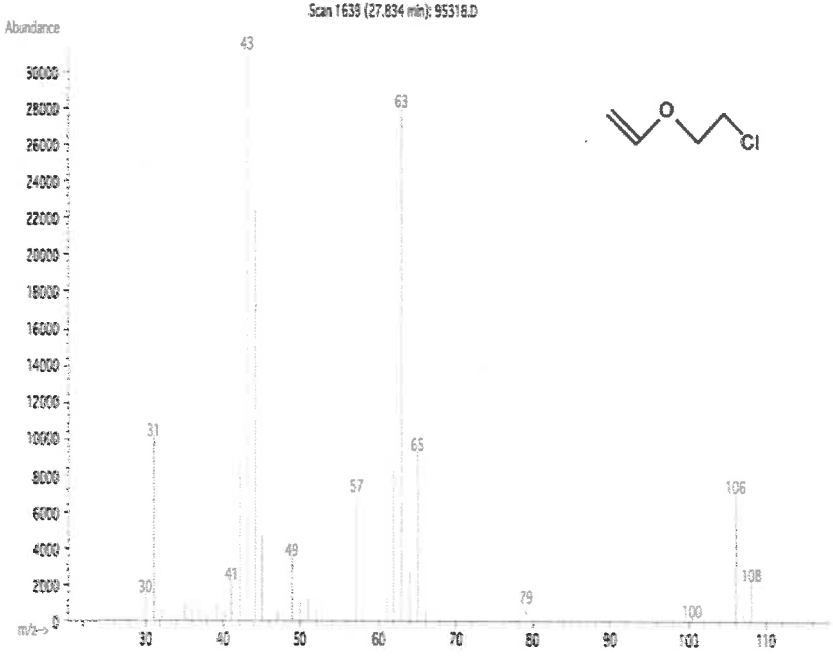
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
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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
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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Safety Data Sheet (SDS) GHS/OSHA Compliant

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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**
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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

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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.
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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
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

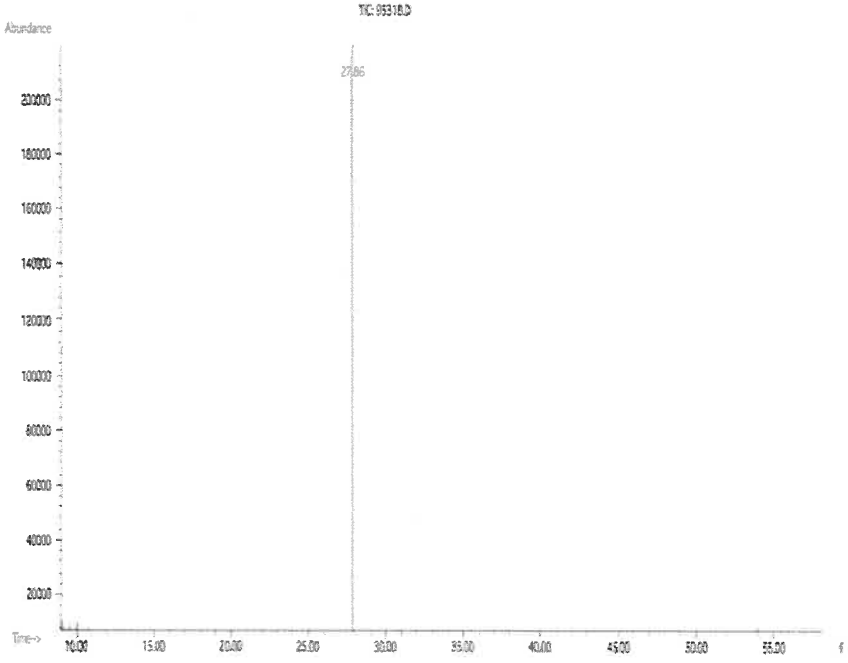
Solvent(s): Methanol **Lot#** EJ143-US

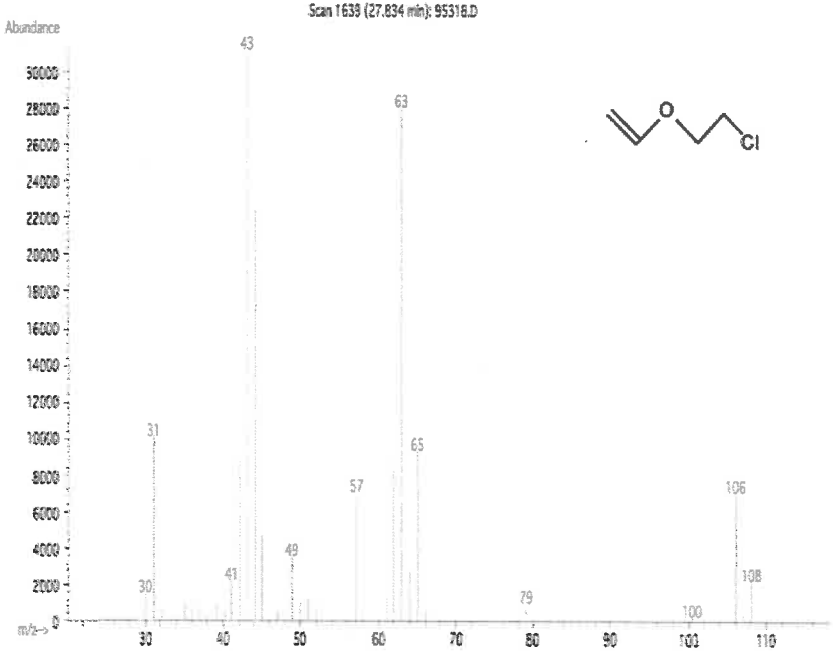
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
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LD50 Oral - rat - 5,628 mg/kg
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Toxic if absorbed through skin. Causes skin irritation.
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Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

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UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

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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.

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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.)

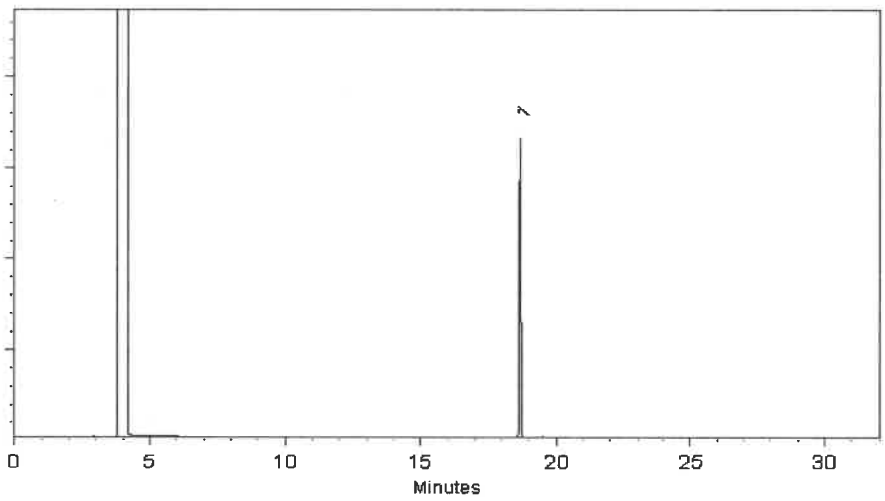
Inj. Temp:
200°C

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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chromatographic plus

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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. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

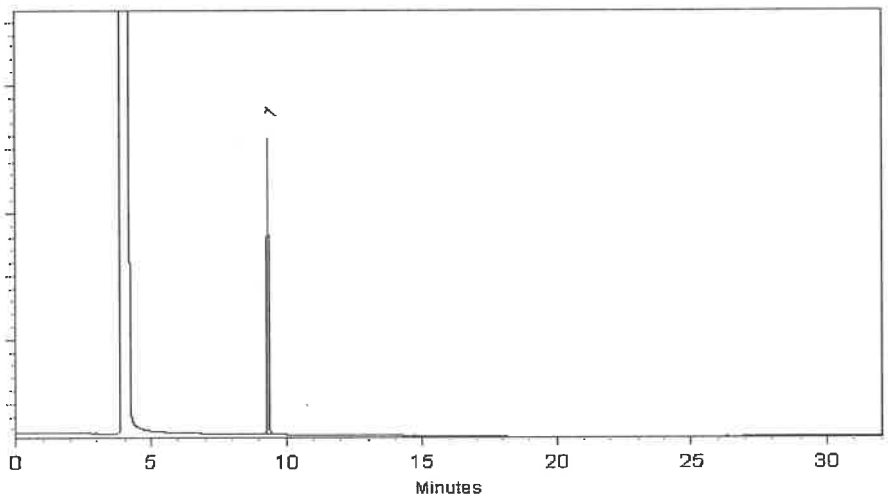
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-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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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.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

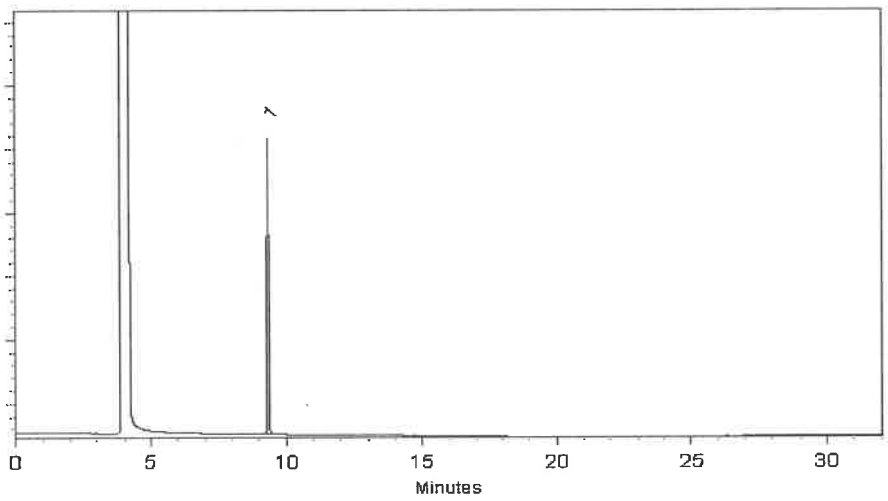
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Purity Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  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:

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Handling Notes:

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chromatographic plus

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Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

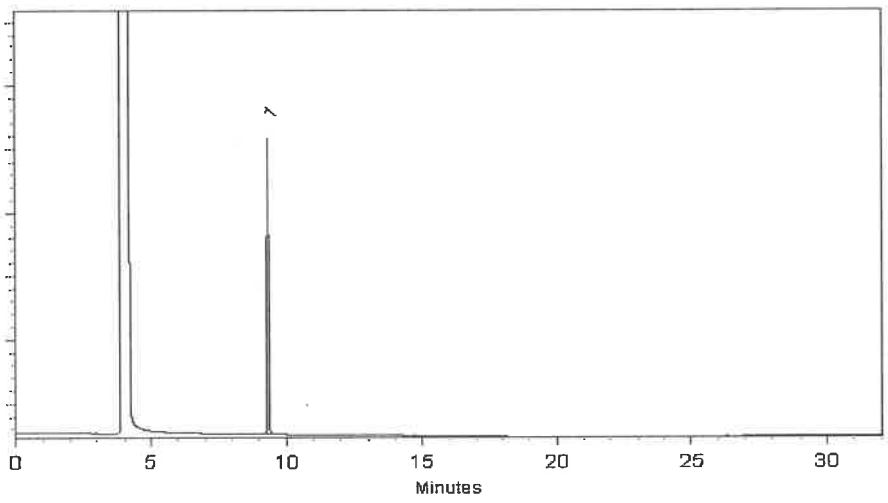
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-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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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. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

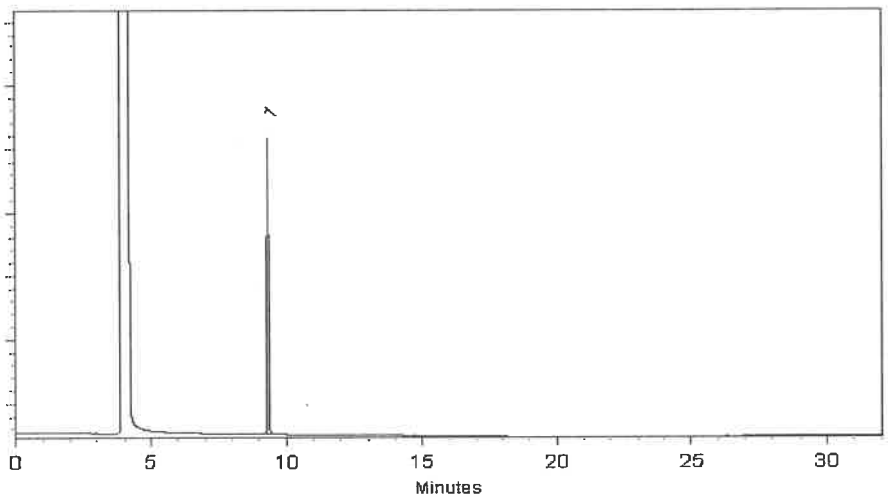
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-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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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0196865

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- 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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

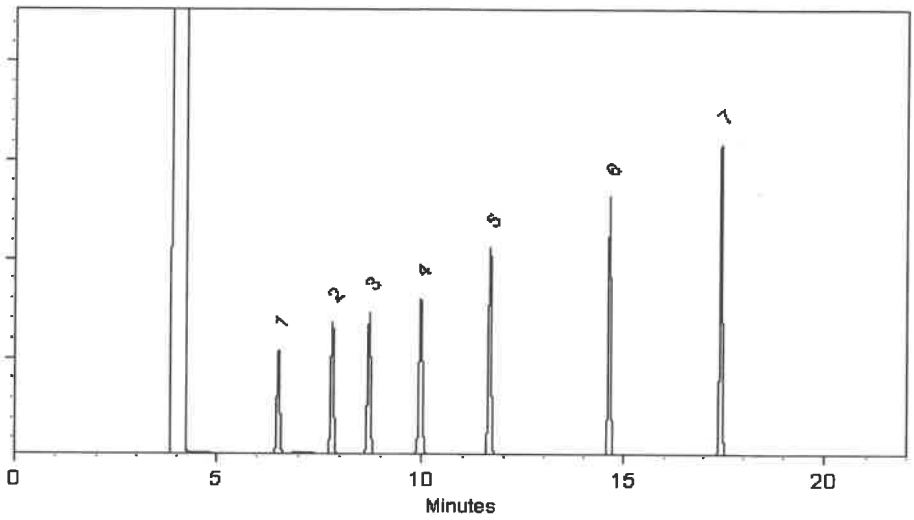
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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Manufacturing Notes:

- 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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Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

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Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

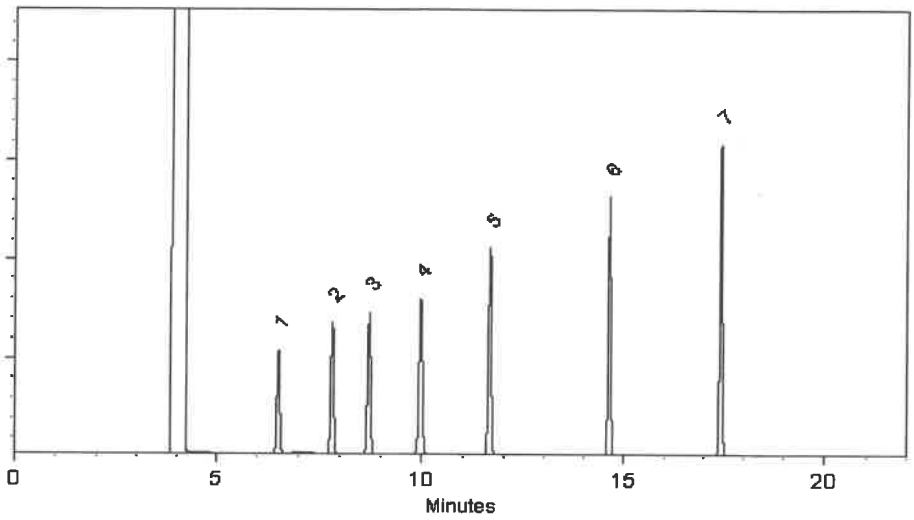
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

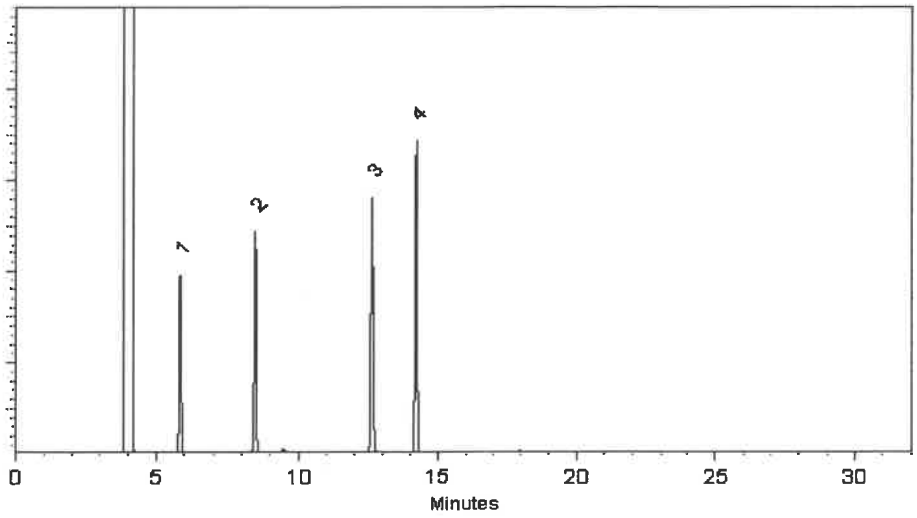
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I **Date Mixed:** 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

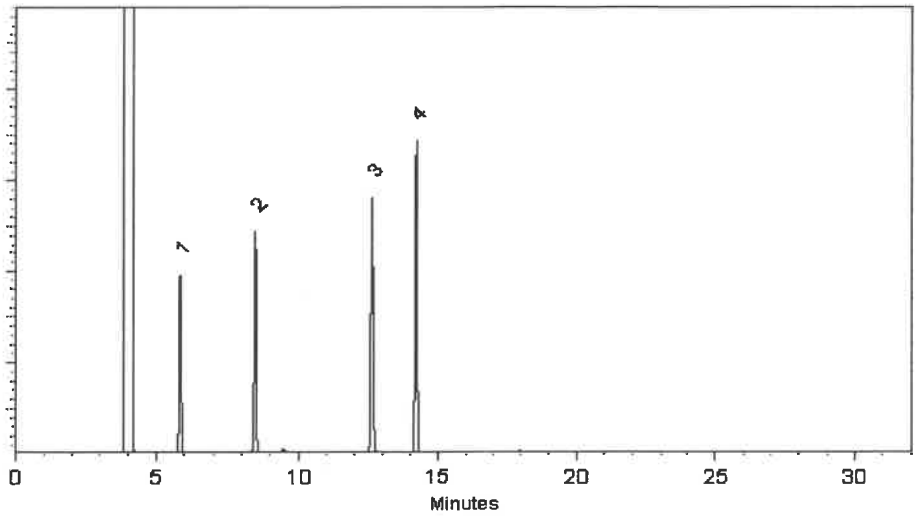
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

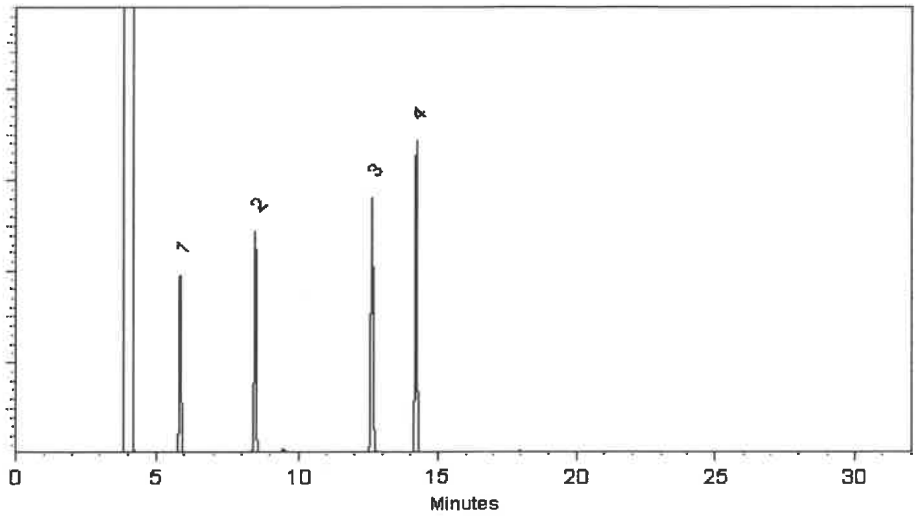
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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  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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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

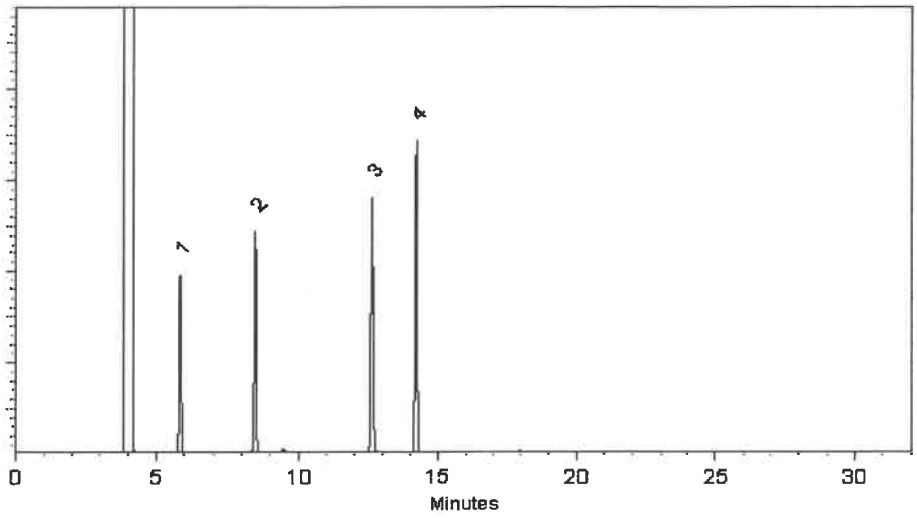
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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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.

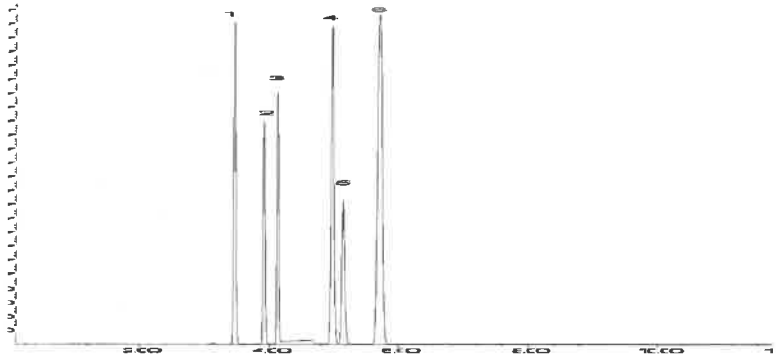
Inj. Temp:
200°C

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.
- 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

Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
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.

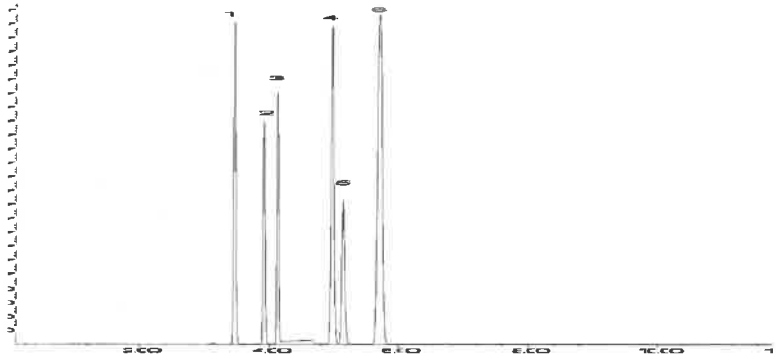
Inj. Temp:
200°C

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.
- 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

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

J14842 to 14846

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

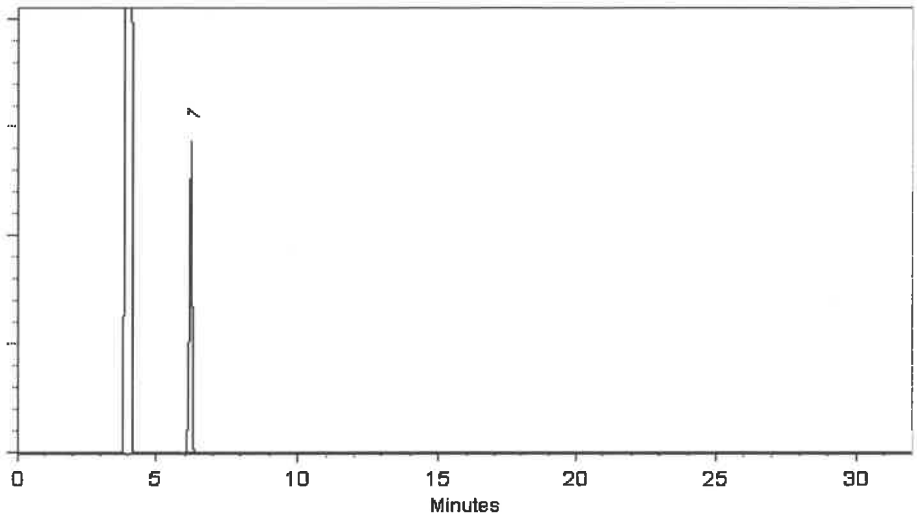
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

ZOV by Rec 01/08/21

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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.)

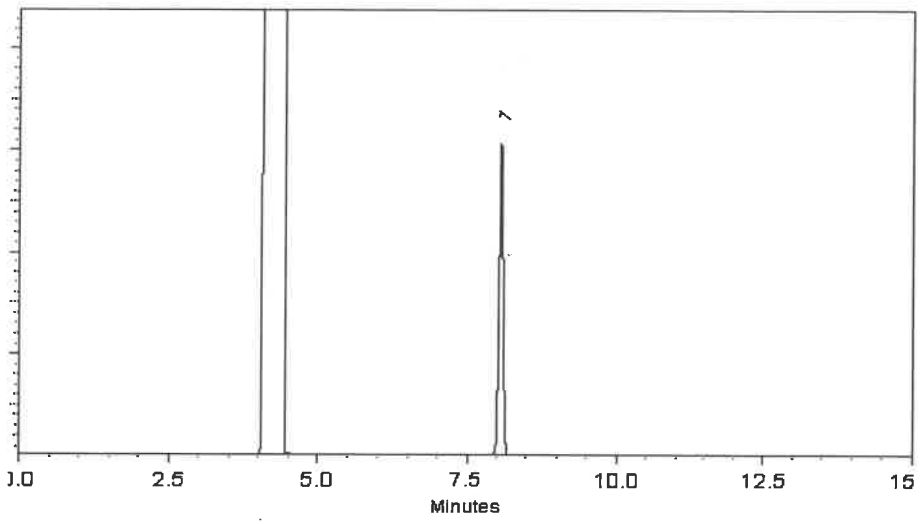
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- 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:

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Zoey Rec 01/08/21

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.)

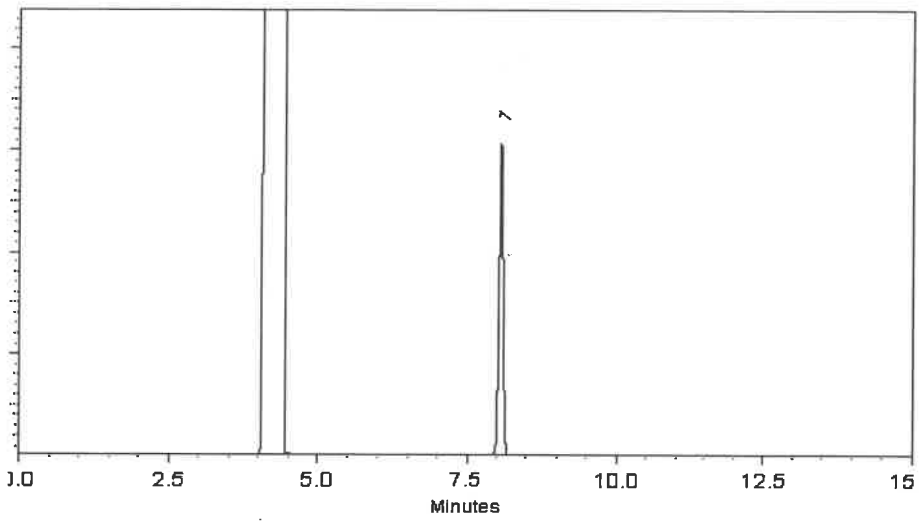
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- 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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- 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

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V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.0149

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

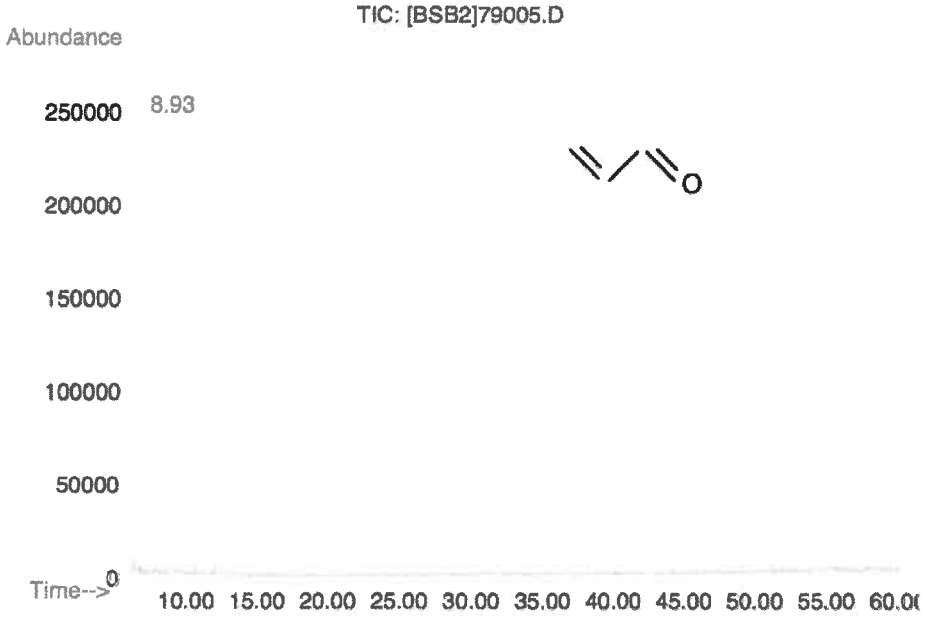
5E-05 Balance Uncertainty

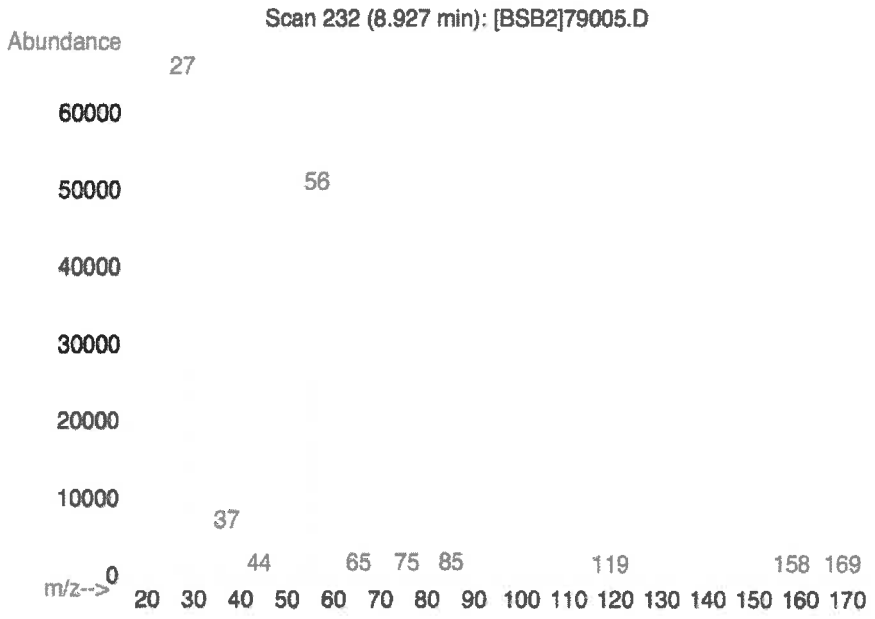
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.0149

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

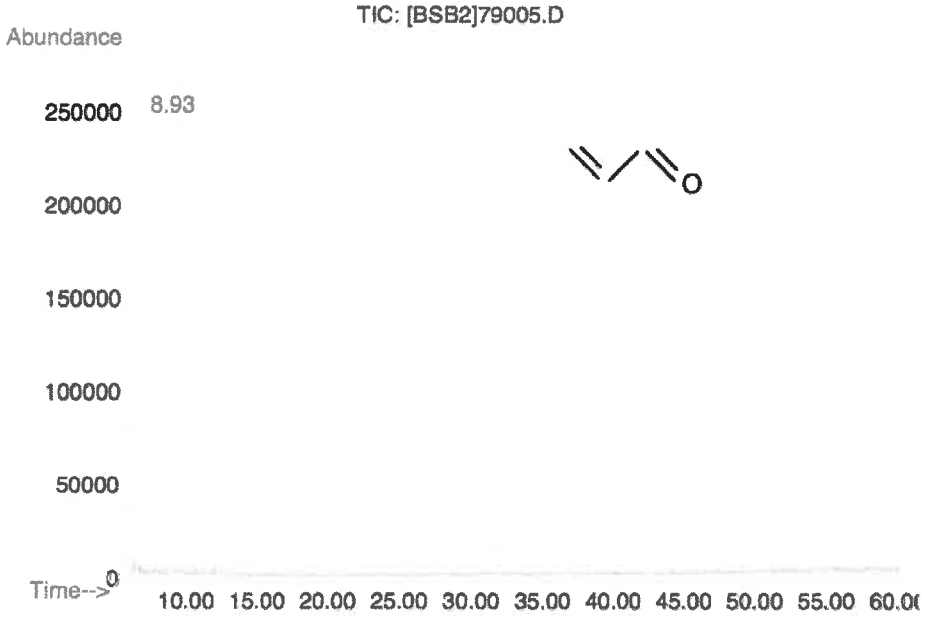
5E-05 Balance Uncertainty

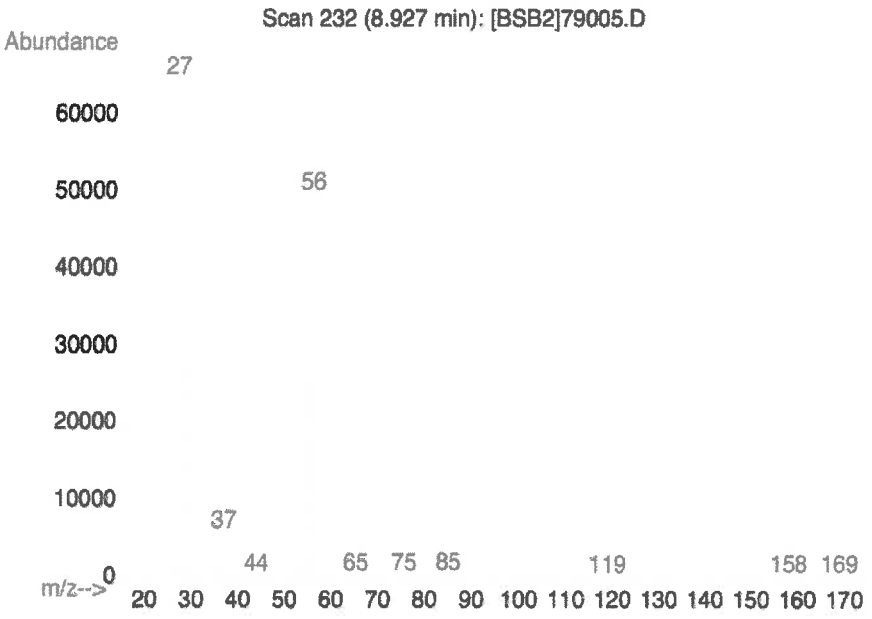
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Lawrence Barry	051925 DATE
Reviewed By:	Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05170	5004.1	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.v19

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

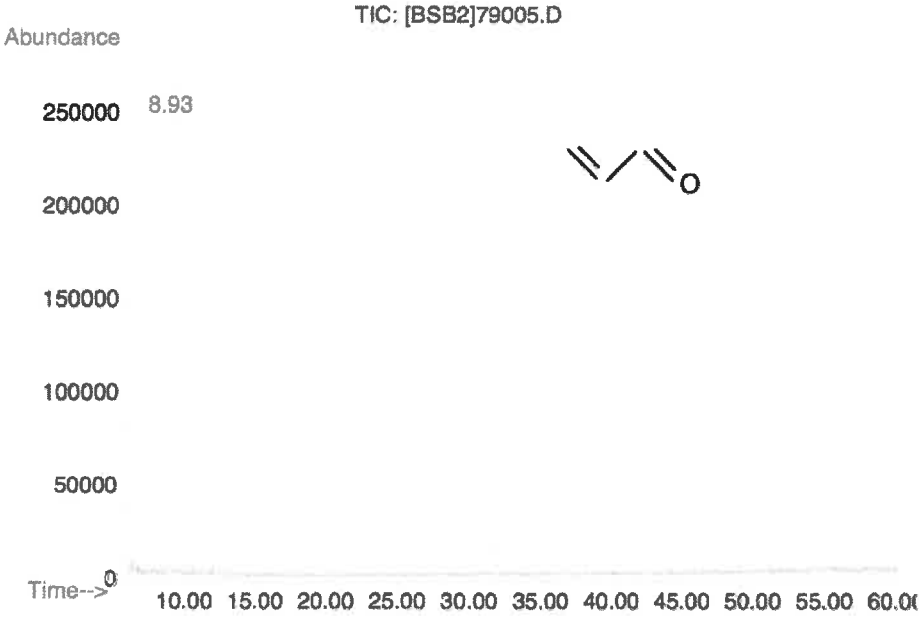
5E-05 Balance Uncertainty

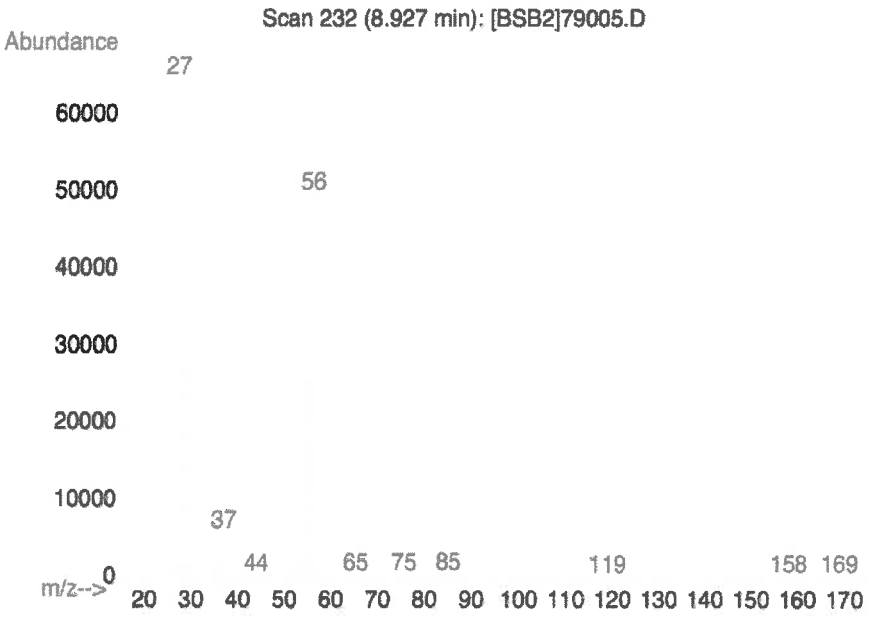
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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  Rev 1.0, 2/25/2025

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Certified Reference Material CRM

Rec 05/21/25

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

5.019

Part Number:	91980
Lot Number:	051925
Description:	Acrolein
Expiration Date:	061925
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): Water **Lot#** 041725Q

J14944-V14948

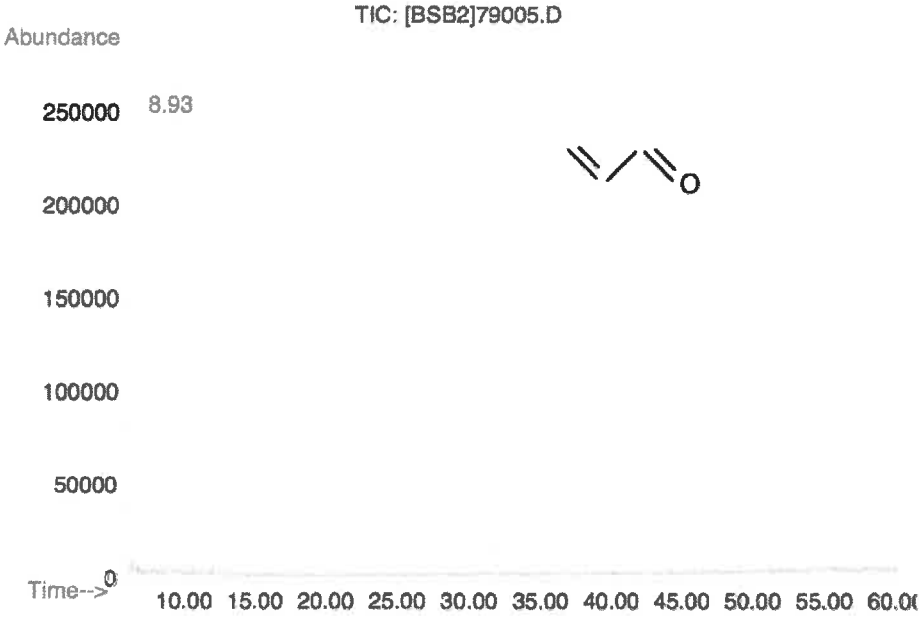
5E-05 Balance Uncertainty

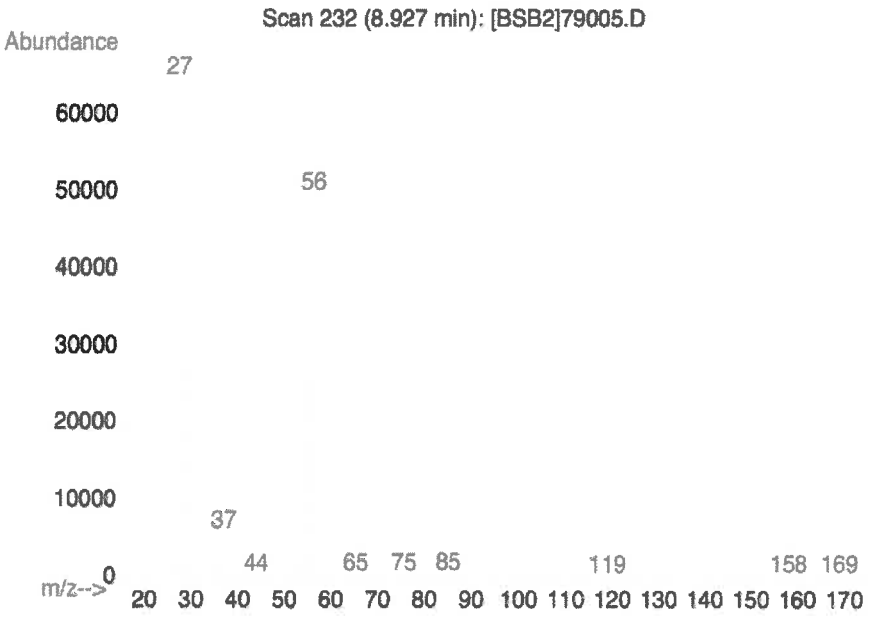
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Lawrence Barry	051925 DATE
Reviewed By: Pedro L. Rentas	051925 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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  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	Q2162-01	4.36	12:00	5.79	12:01	5.85	12:02	V14143	06/03/2025	40ml vial

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: Q2162

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Tetra Tech	PROJECT NAME: NWIRP Bethpage	BILL TO: SEE CONTRACT PO#
ADDRESS: 4433 Corporation Lane Suite 300	PROJECT #: 112G08005-WE13 LOCATION: VPB-182	ADDRESS:
CITY: Virginia Beach STATE: VA ZIP: 23462	PROJECT MANAGER: Ernie Wu	CITY: STATE: ZIP:
ATTENTION: Ernie Wu	E-MAIL: ernie.wu@tetratech.com	ATTENTION: PHONE:
PHONE: 757-466-4901 FAX: 757-461-4148	PHONE: 757-466-4901 FAX: 757-461-4148	

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

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

	1	2	3	4	5	6	7	8	9
	VOC(SW846-8260B)	1,4 Dioxane (8270 SIM)							

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES A	1	2	3	4	5	6	7	8	9	COMMENTS
1.	BP-VPB-182-TB-20250527	QA		X	5/27/25	9:00	2	2										Trip Blank
2.	BP-VPB-182-GW-580-582	AQ		X	5/27/25	13:16	3	4	1									
3.	BP-VPB-182-GW-600-602	AQ		X	5/28/25	10:22	6	6										8260B MS/MSD
4.	BP-VPB-182-GW-620-622	AQ		X	5/28/25	12:27	3	2	1									
5.	BP-VPB-182-GW-640-642	AQ		X	5/29/25	10:06	3	3										
6.	BP-VPB-182-DUP-20250528	QA		X	5/28/25	12:00	1		1									8270 SIM Duplicate
7.	BP-VPB-182-EB-20250529	QA		X	5/29/25	12:35	3	2	1									Equipment Blank
8.																		
9.																		
10.																		

PRESERVATIVES

COMMENTS <-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	5/29/25 1600	1. 1625 5.29.25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	5.29.25 1906	3.

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.2°
MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in
Cooler?:
Comments: 5 Day TAT - For VOC's see worksheet #15 of SAP 2018 for VPB program VOC list
10-DAY TAT - For 1,4 Dioxane (8270 SIM)

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2162 TETR06 **Order Date :** 5/30/2025 11:50:00 AM **Project Mgr :** Yazmeen
Client Name : Tetra Tech NUS, Inc. **Project Name :** NWIRP Bethpage 112G080 **Report Type :** Level 4
Client Contact : Ernie Wu **Receive DateTime :** 5/29/2025 7:06:00 PM **EDD Type :** ADAPT
Invoice Name : Tetra Tech NUS, Inc. **Purchase Order :** **Hard Copy Date :**
Invoice Contact : Ernie Wu **Date Signoff :** 5/30/2025 12:58:42 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2162-01	BP-VPB-182-GW-580-582	Solid	05/27/2025	13:16					
					VOCMS Group1		8260D	5 Bus. Days	
Q2162-02	BP-VPB-182-TB-20250527	Water	05/27/2025	09:00					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-04	BP-VPB-182-GW-600-602	Water	05/28/2025	10:22					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-05	Q2162-04MS	Water	05/28/2025	10:22					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-06	Q2162-04MSD	Water	05/28/2025	10:22					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-07	BP-VPB-182-GW-620-622	Water	05/28/2025	12:27					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-08	BP-VPB-182-GW-640-642	Water	05/29/2025	10:06					
					VOCMS Group1		8260-Low	5 Bus. Days	
Q2162-10	BP-VPB-182-EB-20250529	Water	05/29/2025	12:35					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2162 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 5/30/2025 11:50:00 AM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 5/29/2025 7:06:00 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
					VOCMS Group1		8260-Low	10 Bus. Days		

Relinguished By : [signature]
Date / Time : 5/30/25 1225

Received By : JC
Date / Time : 5/30/25 1225

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	83671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	31909	12.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	25.640%#		
35) Dibromofluoromethane	5.385	113	21112	12.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	25.600%#		
50) Toluene-d8	8.646	98	73333	13.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	26.400%#		
62) 4-Bromofluorobenzene	11.079	95	26760	13.236	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	26.480%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23341	12.638	ug/l	96
3) Chloromethane	1.306	50	24316	13.371	ug/l	98
4) Vinyl Chloride	1.373	62	22096	13.868	ug/l	94
5) Bromomethane	1.593	94	9920	12.279	ug/l	93
6) Chloroethane	1.666	64	11832	14.414	ug/l	95
7) Trichlorofluoromethane	1.873	101	34636	14.271	ug/l	100
8) Diethyl Ether	2.129	74	11392	14.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	21027	14.499	ug/l	98
10) Methyl Iodide	2.446	142	25661	15.070	ug/l	99
11) Tert butyl alcohol	2.971	59	20370	68.662	ug/l	97
12) 1,1-Dichloroethene	2.312	96	18899	13.385	ug/l	98
13) Acrolein	2.233	56	26427	76.689	ug/l	95
14) Allyl chloride	2.660	41	37708	14.133	ug/l	99
15) Acrylonitrile	3.062	53	63290	71.312	ug/l	98
16) Acetone	2.379	43	60363	70.884	ug/l	99
17) Carbon Disulfide	2.501	76	43348	13.251	ug/l	100
18) Methyl Acetate	2.702	43	27234	13.397	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68402	13.890	ug/l	100
20) Methylene Chloride	2.782	84	23050	13.362	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	19161	13.294	ug/l	96
22) Diisopropyl ether	3.763	45	74257	14.896	ug/l	95
23) Vinyl Acetate	3.720	43	322598	73.230	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41257	14.082	ug/l	98
25) 2-Butanone	4.556	43	90331	73.489	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30472	13.729	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23970	13.791	ug/l	98
28) Bromochloromethane	4.897	49	21028	13.497	ug/l	99
29) Tetrahydrofuran	5.007	42	56819	71.175	ug/l	100
30) Chloroform	5.086	83	43065	14.144	ug/l	95
31) Cyclohexane	5.458	56	36470	14.769	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	37003	14.092	ug/l	98
36) 1,1-Dichloropropene	5.684	75	27242	14.231	ug/l	98
37) Ethyl Acetate	4.720	43	33458	13.931	ug/l	98
38) Carbon Tetrachloride	5.671	117	31091	14.137	ug/l	98
39) Methylcyclohexane	7.372	83	35077	14.623	ug/l	99
40) Benzene	6.031	78	83898	14.140	ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	18732	14.038	ug/l		95
42) 1,2-Dichloroethane	6.080	62	37203	15.165	ug/l		100
43) Isopropyl Acetate	6.342	43	53275	14.512	ug/l		99
44) Trichloroethene	7.116	130	20239	14.429	ug/l		99
45) 1,2-Dichloropropane	7.427	63	20940	14.204	ug/l		98
46) Dibromomethane	7.580	93	16781	14.439	ug/l		99
47) Bromodichloromethane	7.817	83	32762	14.545	ug/l		94
48) Methyl methacrylate	7.689	41	27374	14.521	ug/l		100
49) 1,4-Dioxane	7.659	88	10585	282.442	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	182455	75.775	ug/l		98
52) Toluene	8.713	92	52030	14.788	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	27549	14.566	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	31226	14.154	ug/l		98
55) 1,1,2-Trichloroethane	9.152	97	20536	14.442	ug/l		96
56) Ethyl methacrylate	9.116	69	31787	14.425	ug/l		98
57) 1,3-Dichloropropane	9.305	76	36341	14.417	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	79531	80.312	ug/l		100
59) 2-Hexanone	9.427	43	137054	74.997	ug/l		99
60) Dibromochloromethane	9.518	129	22267	14.387	ug/l		99
61) 1,2-Dibromoethane	9.610	107	21113	14.458	ug/l		96
64) Tetrachloroethene	9.268	164	19924	15.263	ug/l		97
65) Chlorobenzene	10.079	112	55863	14.202	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	18671	14.231	ug/l		98
67) Ethyl Benzene	10.189	91	98113	14.631	ug/l		100
68) m/p-Xylenes	10.299	106	72202	29.806	ug/l		99
69) o-Xylene	10.640	106	35178	14.408	ug/l		96
70) Styrene	10.652	104	58034	14.853	ug/l		98
71) Bromoform	10.799	173	13825	14.030	ug/l	#	100
73) Isopropylbenzene	10.957	105	93013	14.096	ug/l		99
74) N-amyl acetate	10.841	43	44684	13.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	31830	13.560	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	34837	13.811	ug/l		89
77) Bromobenzene	11.195	156	21695	14.212	ug/l		96
78) n-propylbenzene	11.298	91	106337	14.376	ug/l		99
79) 2-Chlorotoluene	11.359	91	68534	13.748	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	79261	14.468	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8104	13.371	ug/l		91
82) 4-Chlorotoluene	11.451	91	77338	14.116	ug/l		100
83) tert-Butylbenzene	11.713	119	75382	14.011	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	79232	14.480	ug/l		99
85) sec-Butylbenzene	11.890	105	95271	14.263	ug/l		100
86) p-Isopropyltoluene	12.006	119	77599	14.387	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	39520	13.898	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	39419	14.146	ug/l		99
89) n-Butylbenzene	12.329	91	66506	14.184	ug/l		99
90) Hexachloroethane	12.536	117	13332	13.287	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	39031	14.092	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7232	13.535	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	20846	13.745	ug/l		99
94) Hexachlorobutadiene	13.725	225	9524	13.426	ug/l		97
95) Naphthalene	13.774	128	77542	14.040	ug/l		99
96) 1,2,3-Trichlorobenzene	13.956	180	22301	14.023	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

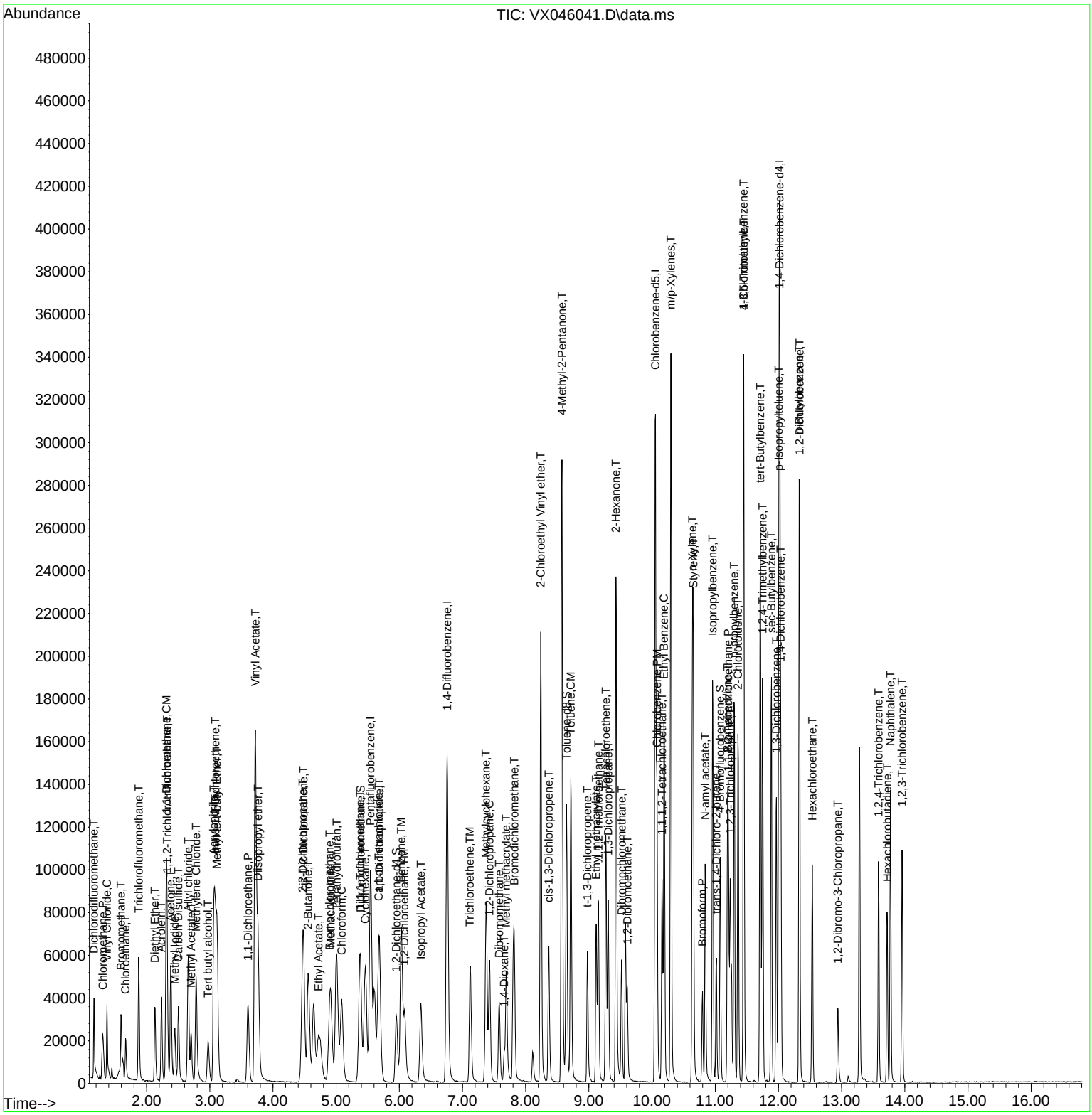
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

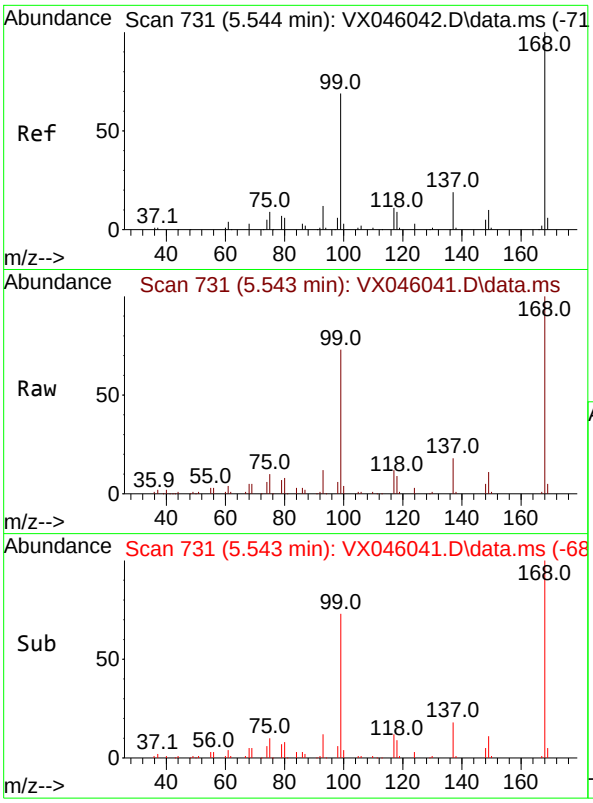
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



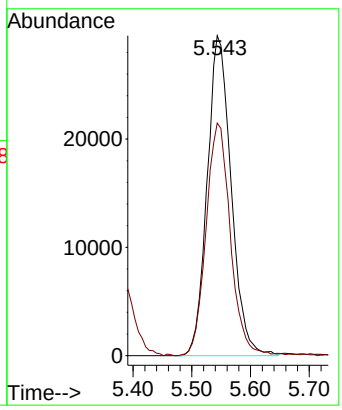


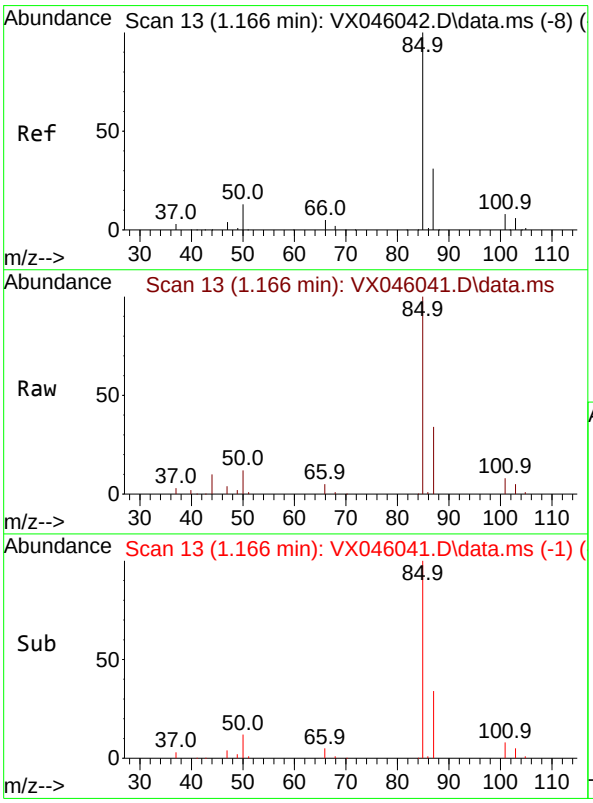
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 83671

Ion	Ratio	Lower	Upper
168	100		
99	72.7	54.9	82.3

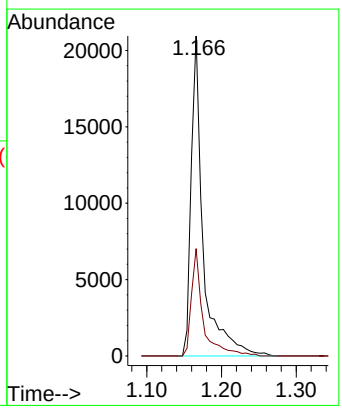


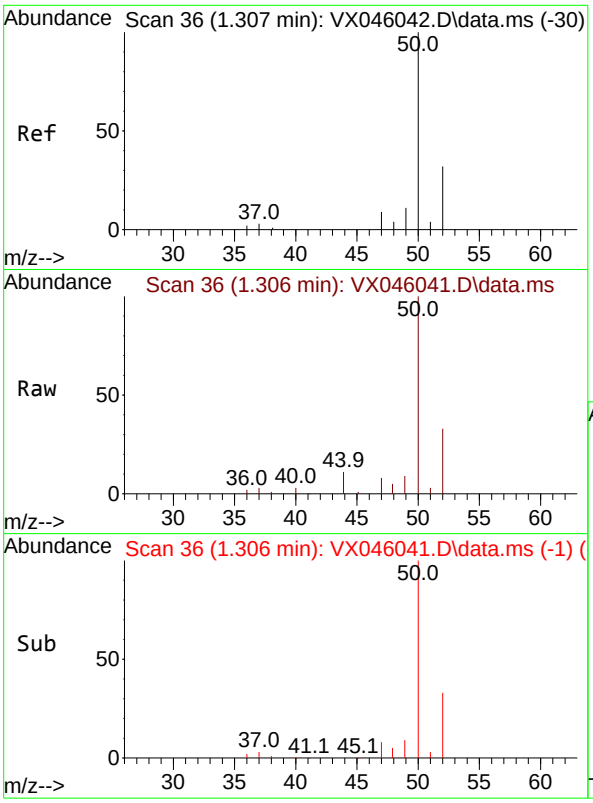


#2
Dichlorodifluoromethane
Concen: 12.638 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 85 Resp: 23341

Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.7	47.1



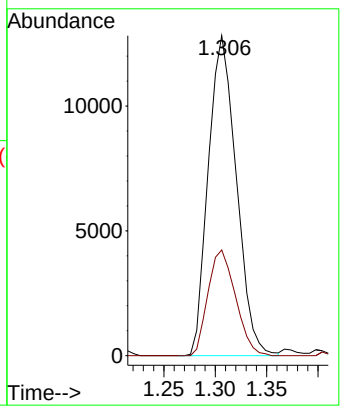


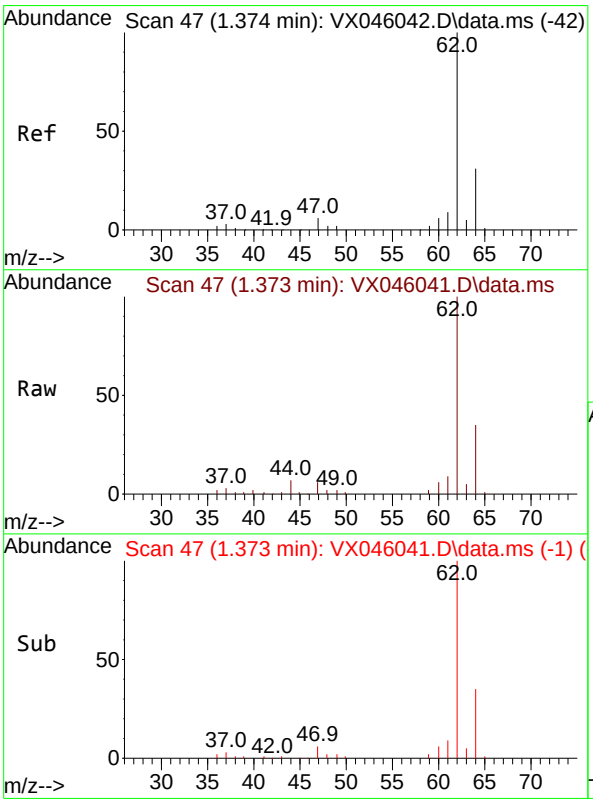
#3
Chloromethane
Concen: 13.371 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 24316

Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.4	38.2

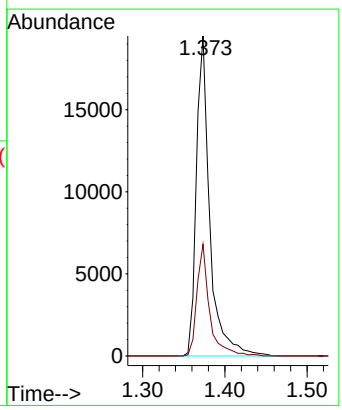


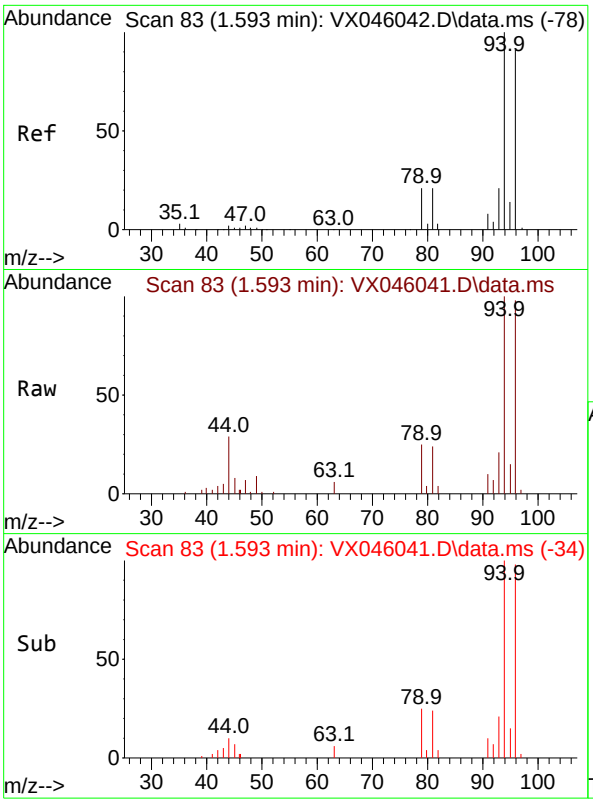


#4
Vinyl Chloride
Concen: 13.868 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 62 Resp: 22096

Ion	Ratio	Lower	Upper
62	100		
64	34.9	25.2	37.8



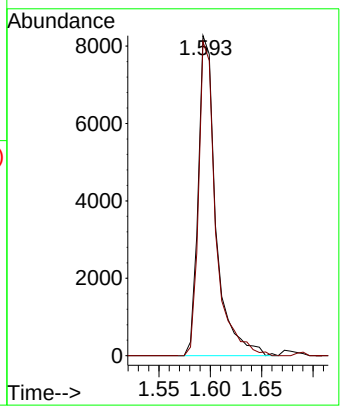


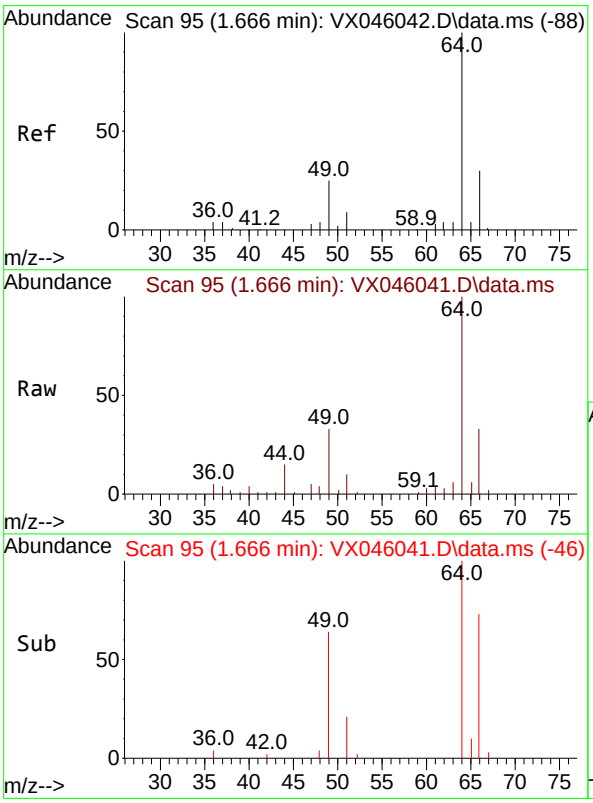
#5
Bromomethane
Concen: 12.279 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 9920

Ion	Ratio	Lower	Upper
94	100		
96	98.1	72.8	109.2

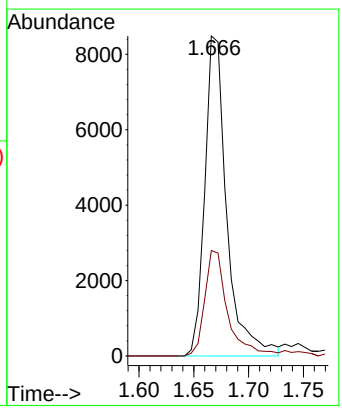


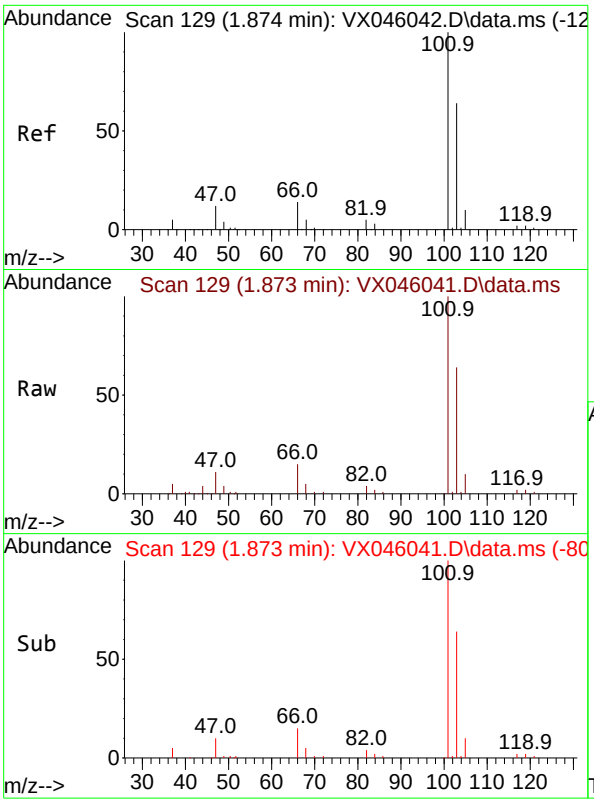


#6
Chloroethane
Concen: 14.414 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 64 Resp: 11832

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.3	36.5



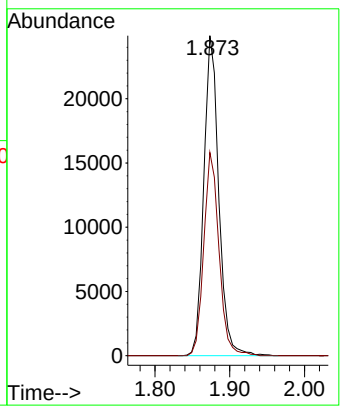


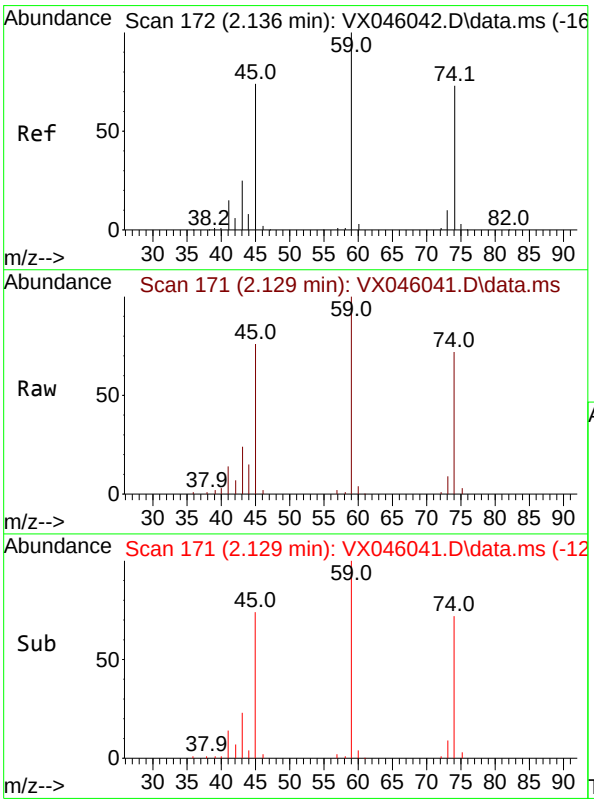
#7
Trichlorofluoromethane
Concen: 14.271 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 34636

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.4

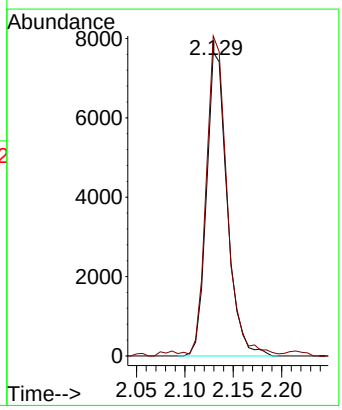


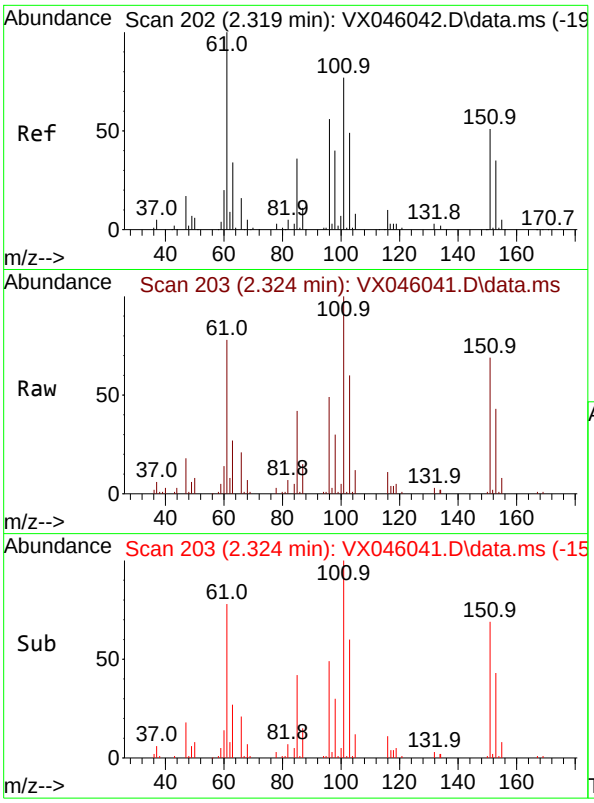


#8
Diethyl Ether
Concen: 14.278 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 74 Resp: 11392

Ion	Ratio	Lower	Upper
74	100		
45	103.7	54.9	164.8



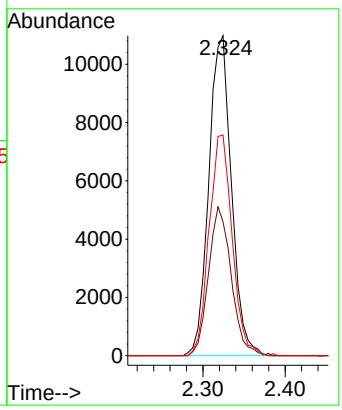


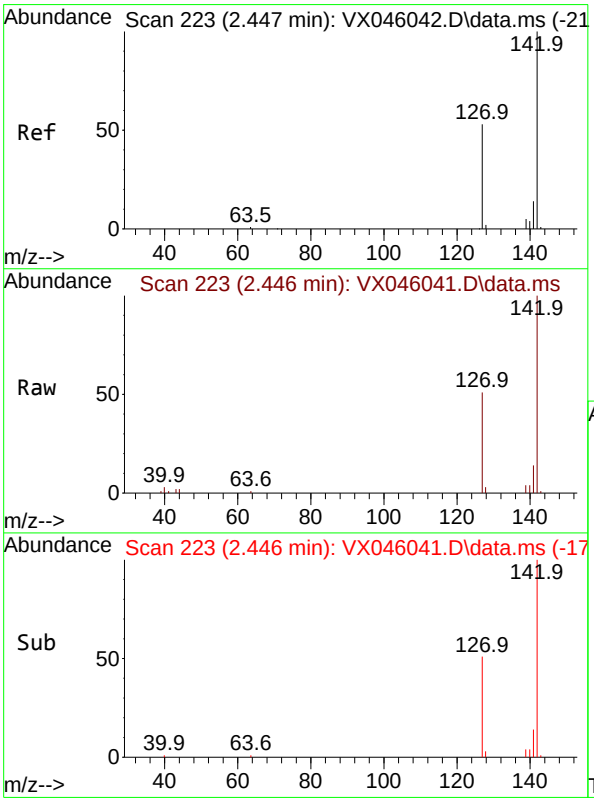
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.499 ug/l
RT: 2.324 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 21027

Ion	Ratio	Lower	Upper
101	100		
85	46.6	38.6	58.0
151	70.4	55.2	82.8

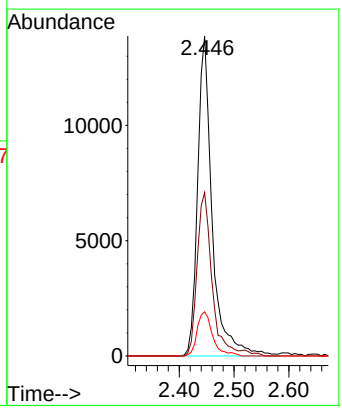


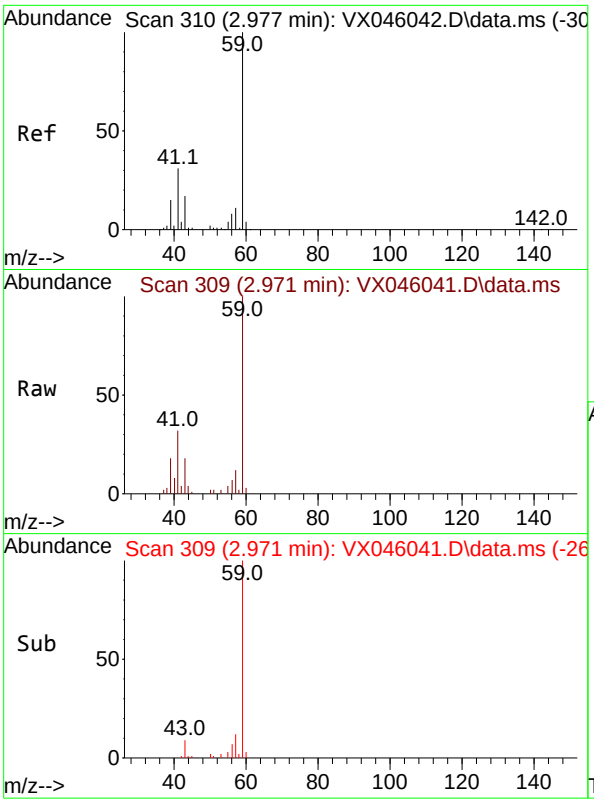


#10
Methyl Iodide
Concen: 15.070 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:142 Resp: 25661

Ion	Ratio	Lower	Upper
142	100		
127	53.0	41.7	62.5
141	14.7	11.5	17.3



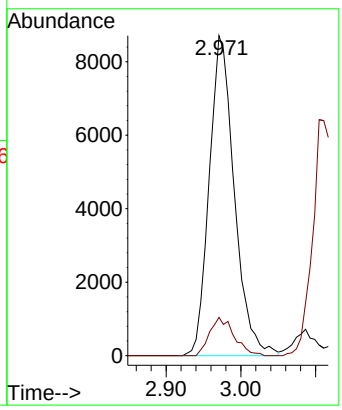


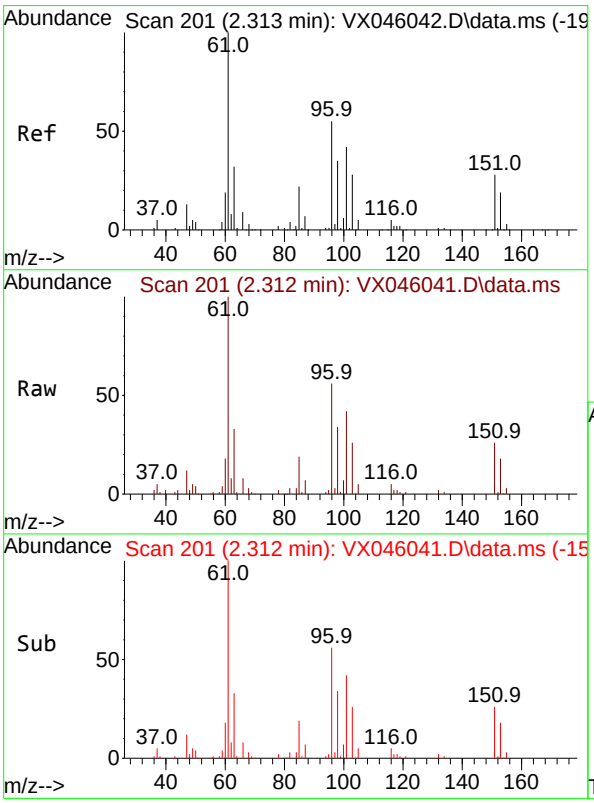
#11
Tert butyl alcohol
Concen: 68.662 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 20370

Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.6	12.8

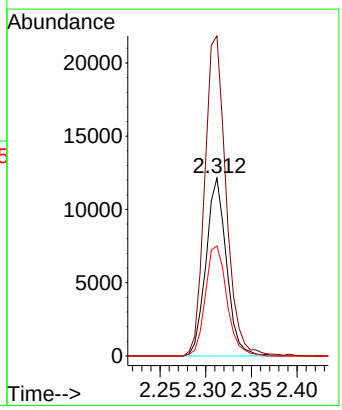


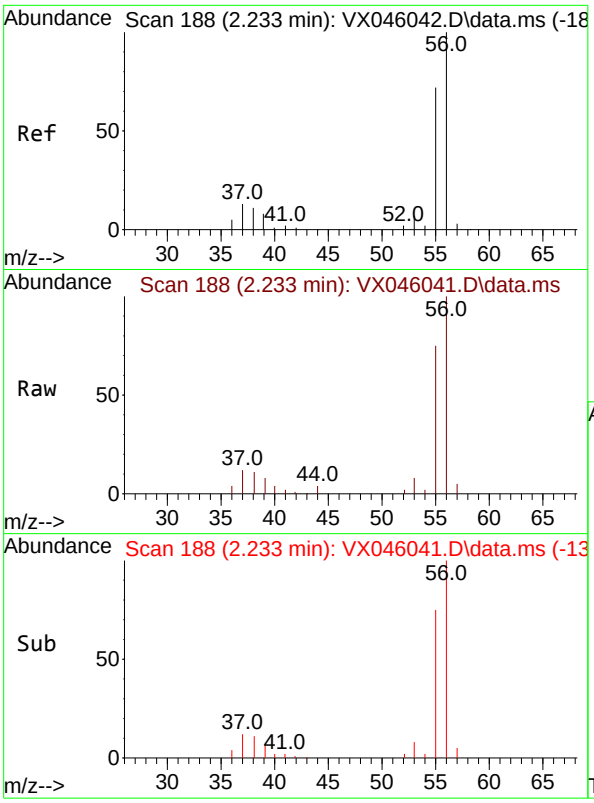


#12
1,1-Dichloroethene
Concen: 13.385 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 96 Resp: 18899

Ion	Ratio	Lower	Upper
96	100		
61	179.8	146.2	219.2
98	61.8	51.0	76.6



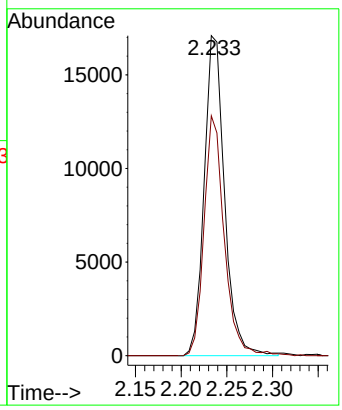


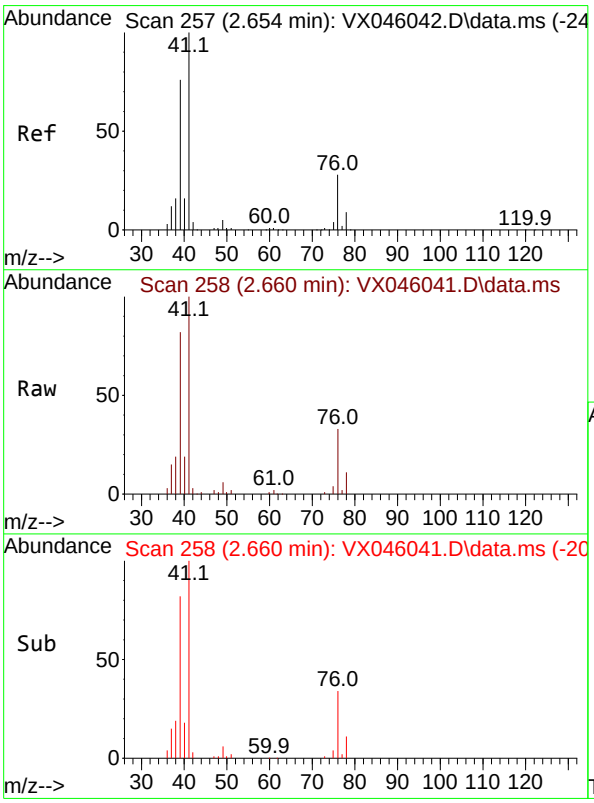
#13
Acrolein
Concen: 76.689 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 26427

Ion	Ratio	Lower	Upper
56	100		
55	74.3	56.2	84.4

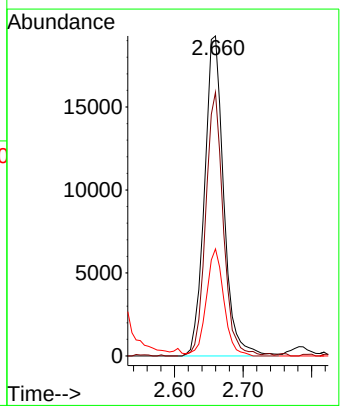


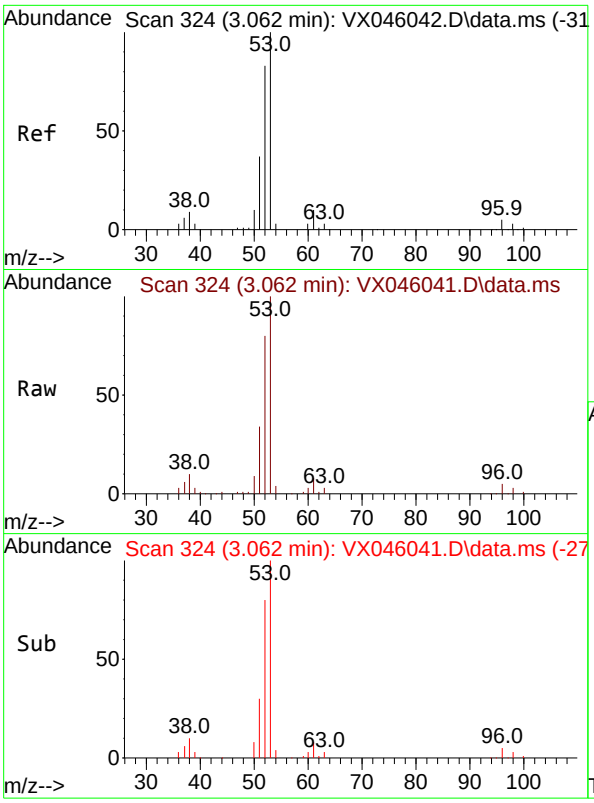


#14
Allyl chloride
Concen: 14.133 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 37708

Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.6	90.8
76	30.6	24.9	37.3



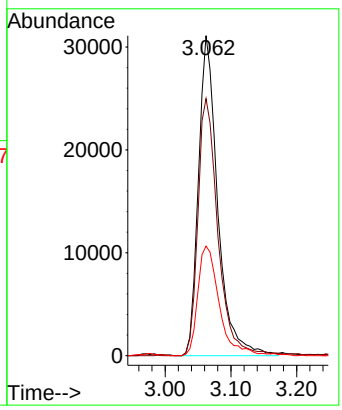


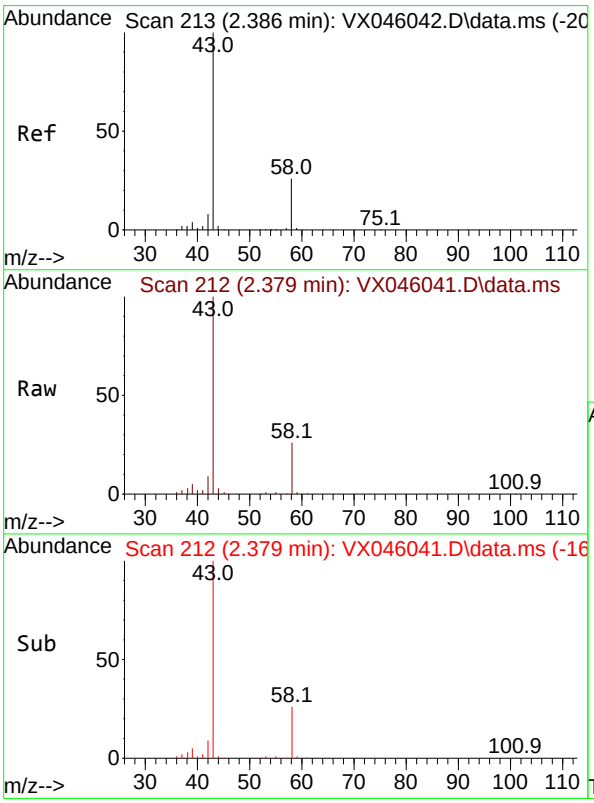
#15
Acrylonitrile
Concen: 71.312 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 63290

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	38.4	29.8	44.8

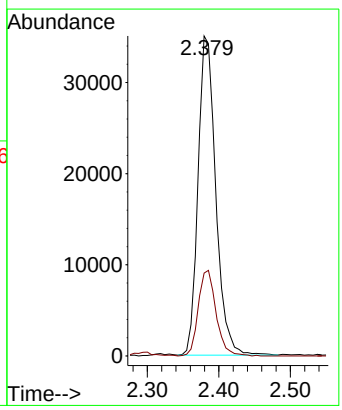


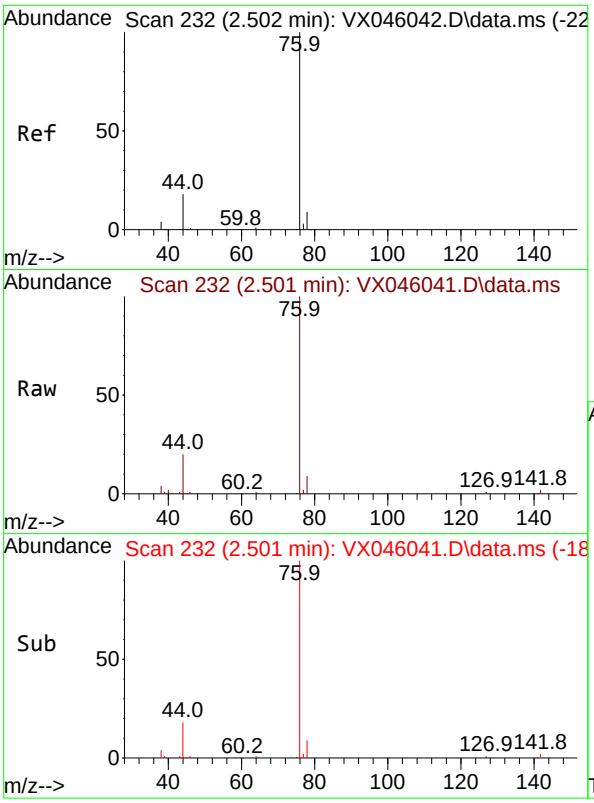


#16
Acetone
Concen: 70.884 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 60363

Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.2	31.8



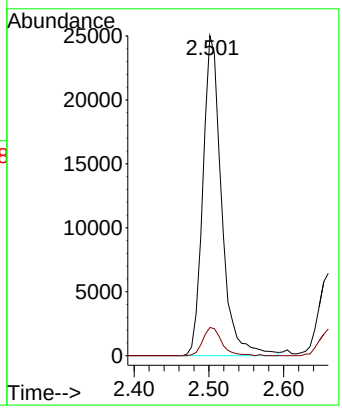


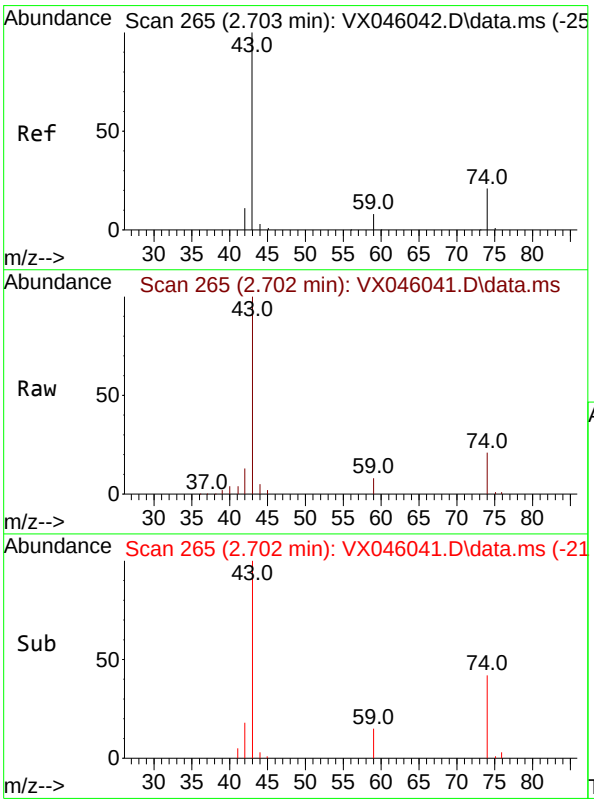
#17
Carbon Disulfide
Concen: 13.251 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 43348

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

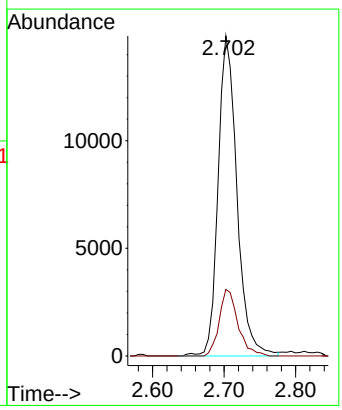


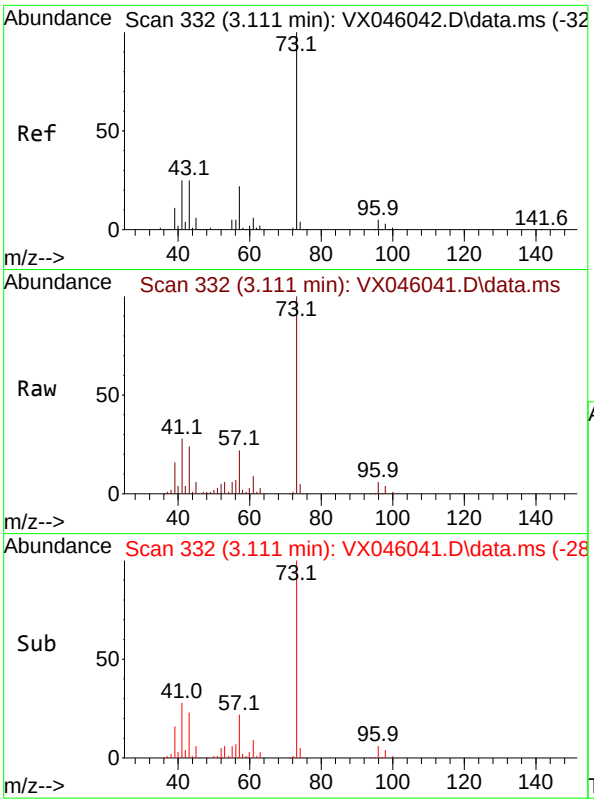


#18
Methyl Acetate
Concen: 13.397 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 27234

Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.7	25.1



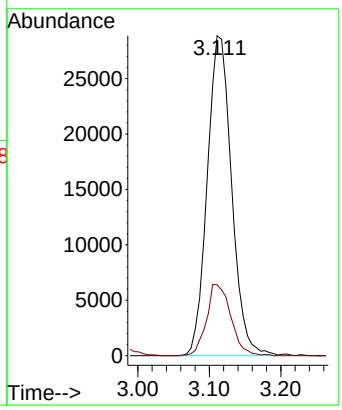


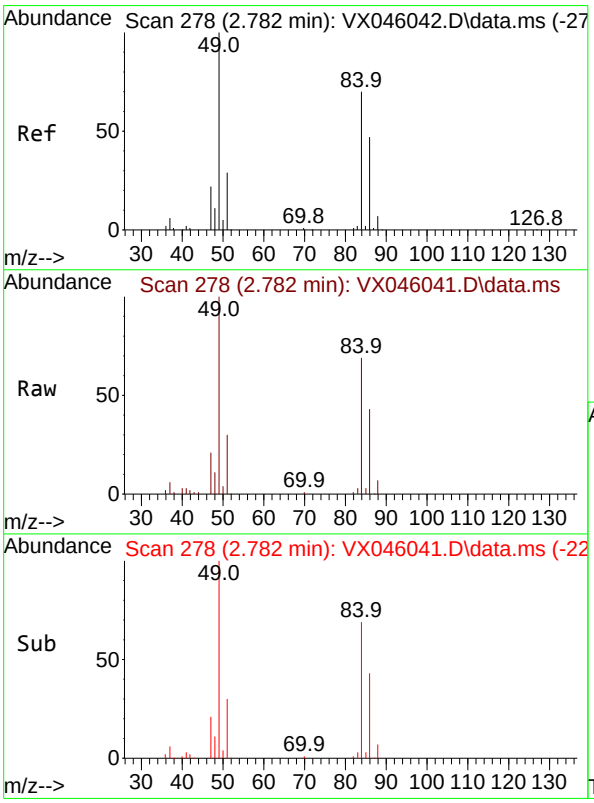
#19
Methyl tert-butyl Ether
Concen: 13.890 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 68402

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

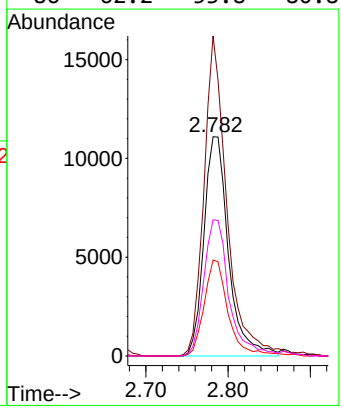


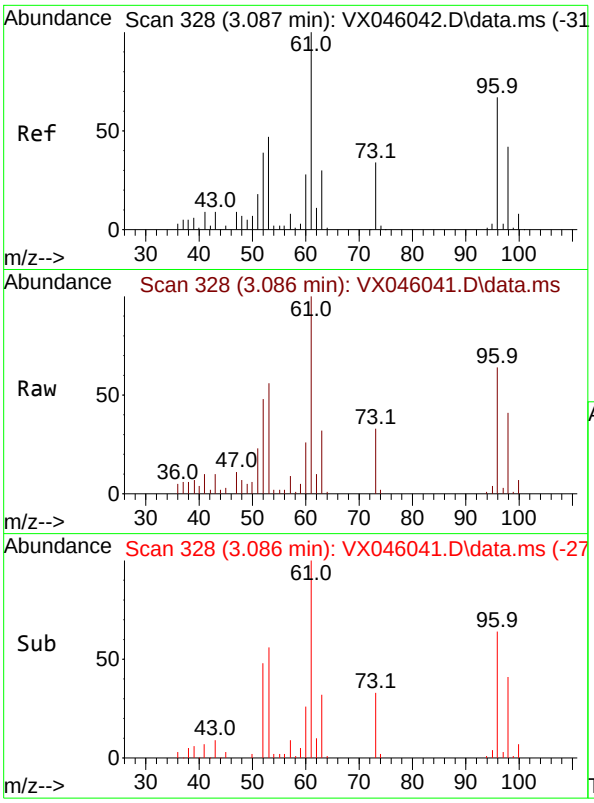


#20
Methylene Chloride
Concen: 13.362 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 84 Resp: 23050

Ion	Ratio	Lower	Upper
84	100		
49	146.0	113.9	170.9
51	43.8	33.5	50.3
86	62.2	53.8	80.8



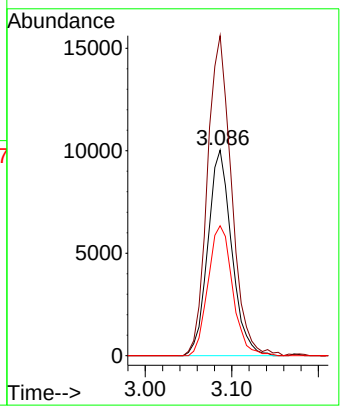


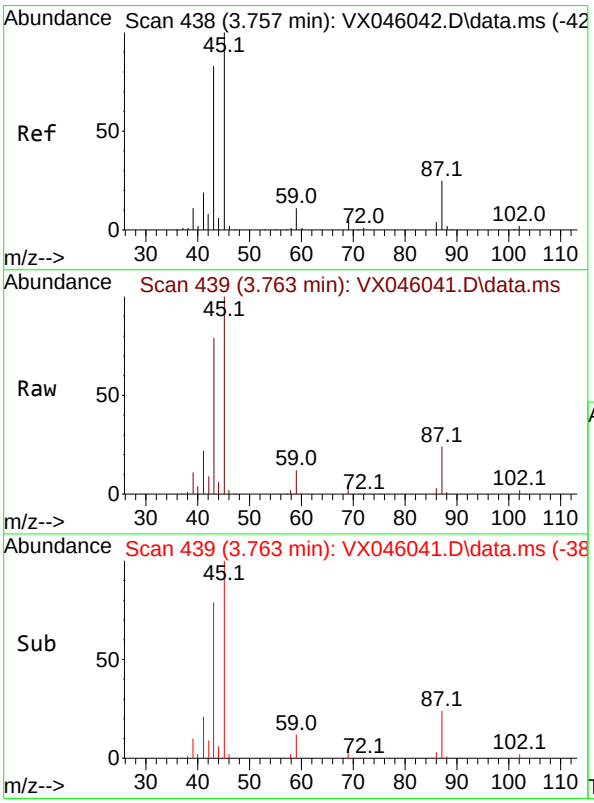
#21
trans-1,2-Dichloroethene
Concen: 13.294 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 19161

Ion	Ratio	Lower	Upper
96	100		
61	155.6	119.5	179.3
98	63.2	50.0	75.0

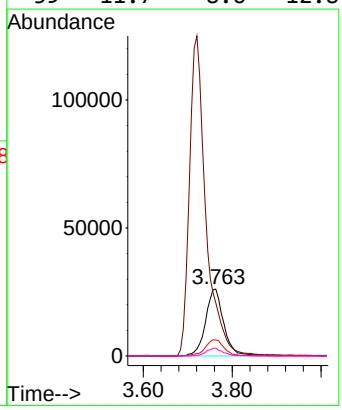


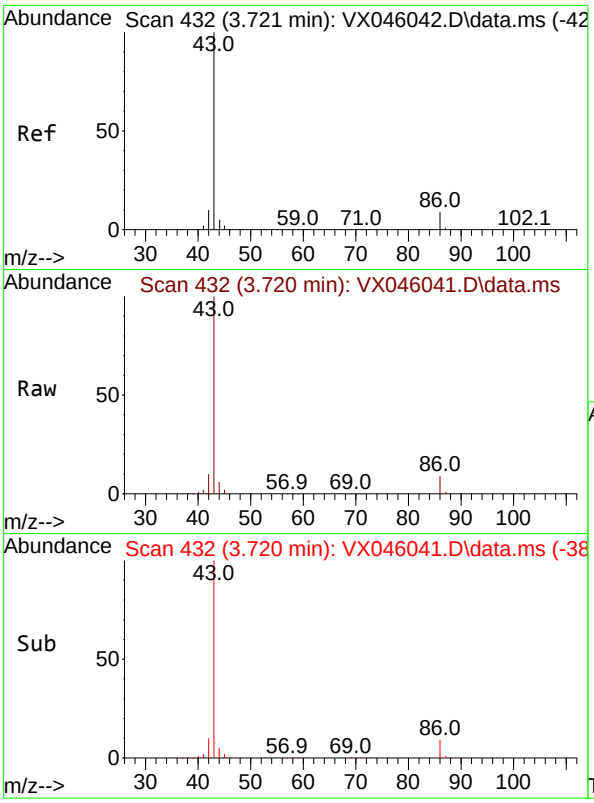


#22
Diisopropyl ether
Concen: 14.896 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 45 Resp: 74257

Ion	Ratio	Lower	Upper
45	100		
43	78.2	66.6	100.0
87	24.0	19.8	29.6
59	11.7	8.6	12.8



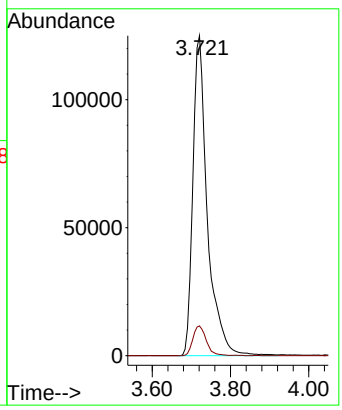


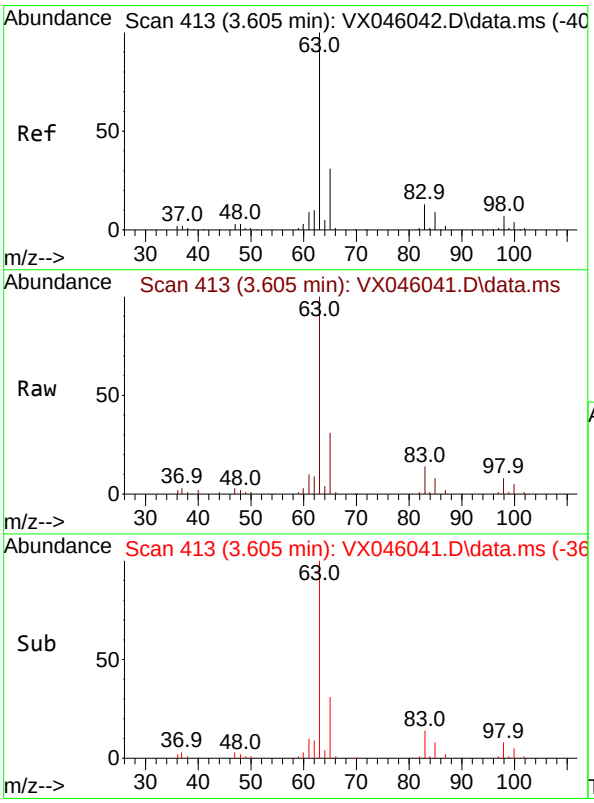
#23
Vinyl Acetate
Concen: 73.230 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 322598

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

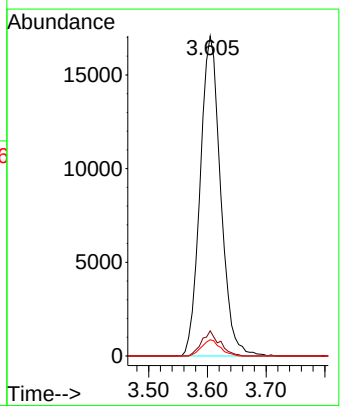


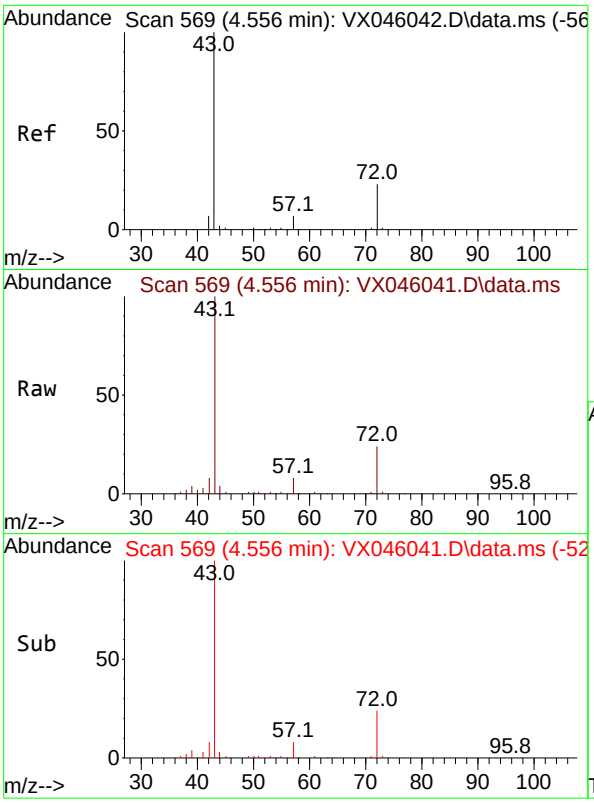


#24
1,1-Dichloroethane
Concen: 14.082 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 41257

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.6	10.8
100	5.0	2.1	6.3



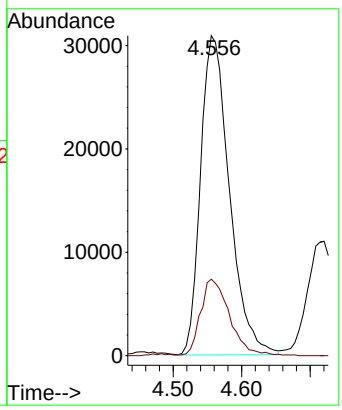


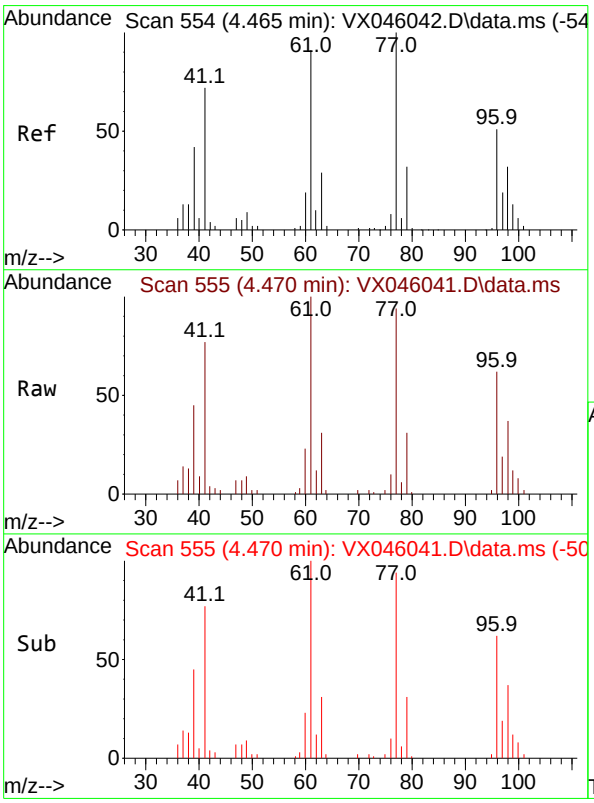
#25
2-Butanone
Concen: 73.489 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 90331

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.4	27.6

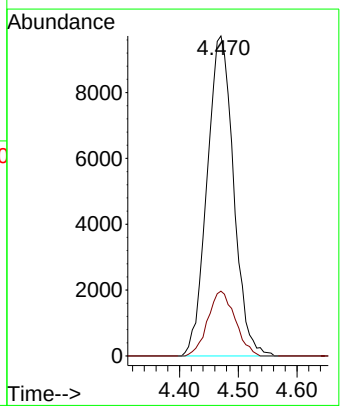


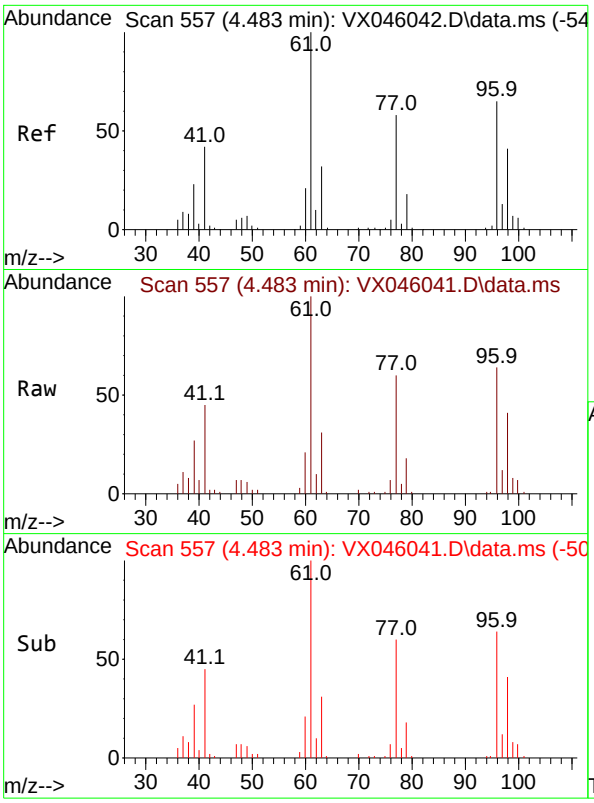


#26
2,2-Dichloropropane
Concen: 13.729 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 77 Resp: 30472

Ion	Ratio	Lower	Upper
77	100		
97	20.9	10.5	31.5



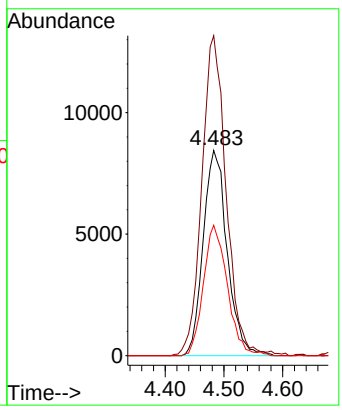


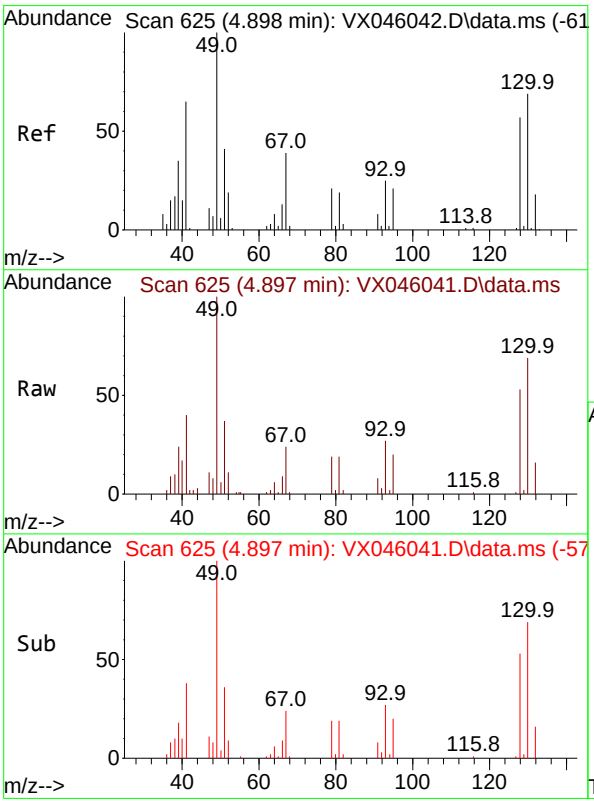
#27
cis-1,2-Dichloroethene
Concen: 13.791 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 23970

Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	322.8
98	63.5	0.0	129.0

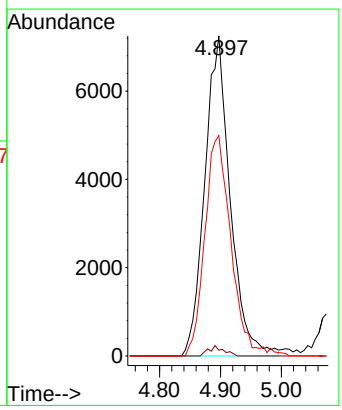


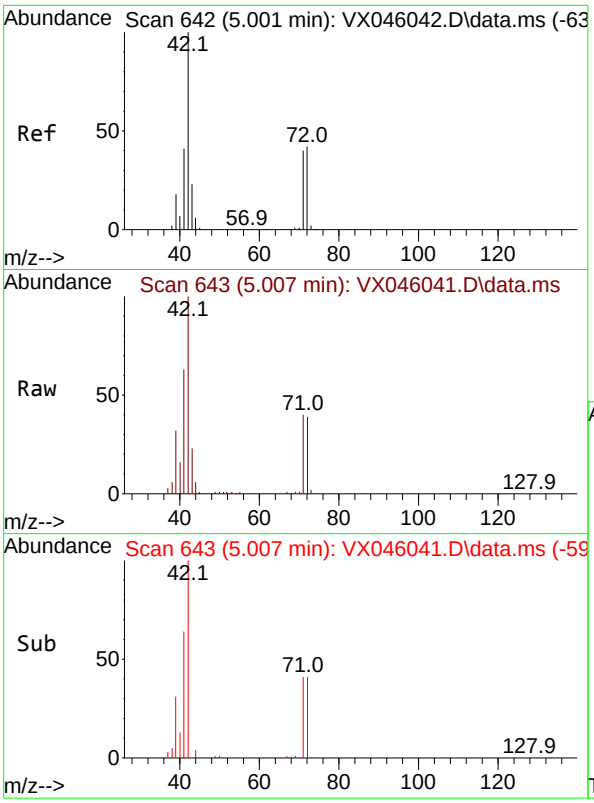


#28
Bromochloromethane
Concen: 13.497 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 49 Resp: 21028

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	70.9	56.2	84.2



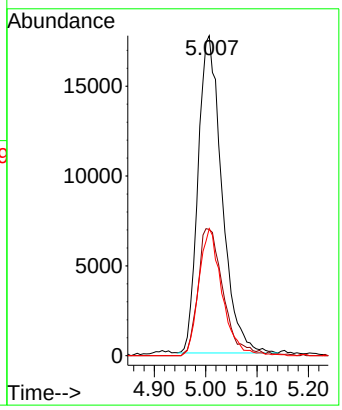


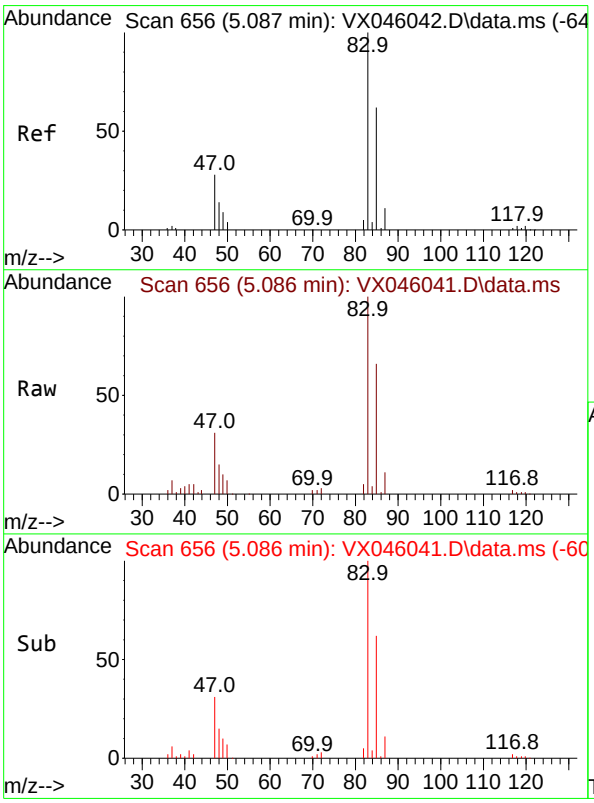
#29
Tetrahydrofuran
Concen: 71.175 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 56819

Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.7	50.5
71	39.2	31.4	47.2

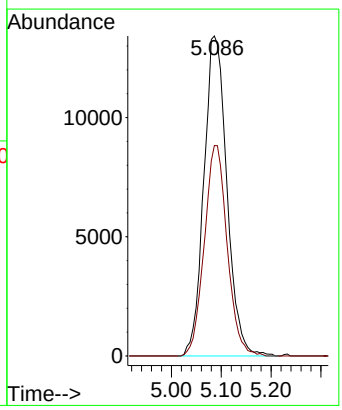


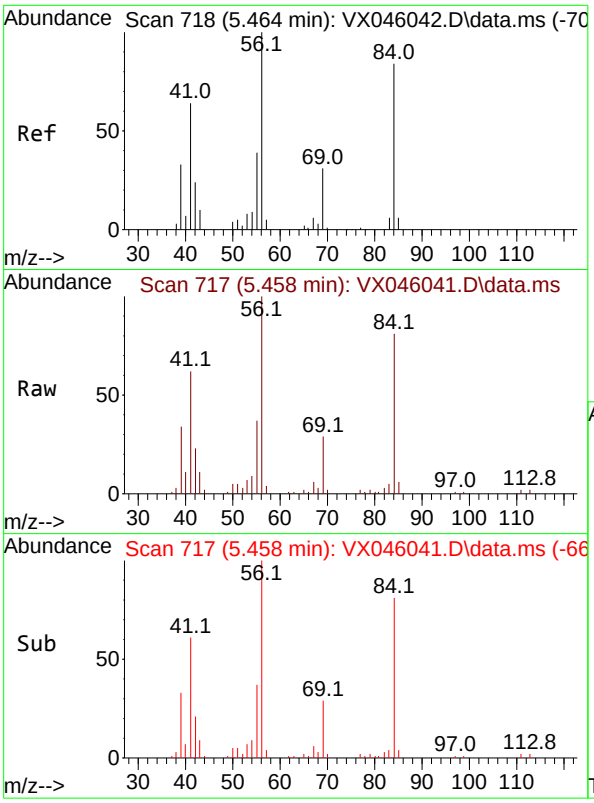


#30
Chloroform
Concen: 14.144 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 83 Resp: 43065

Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.3	73.9



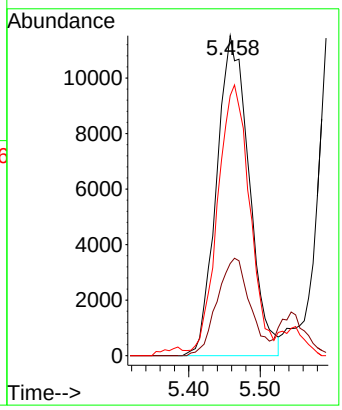


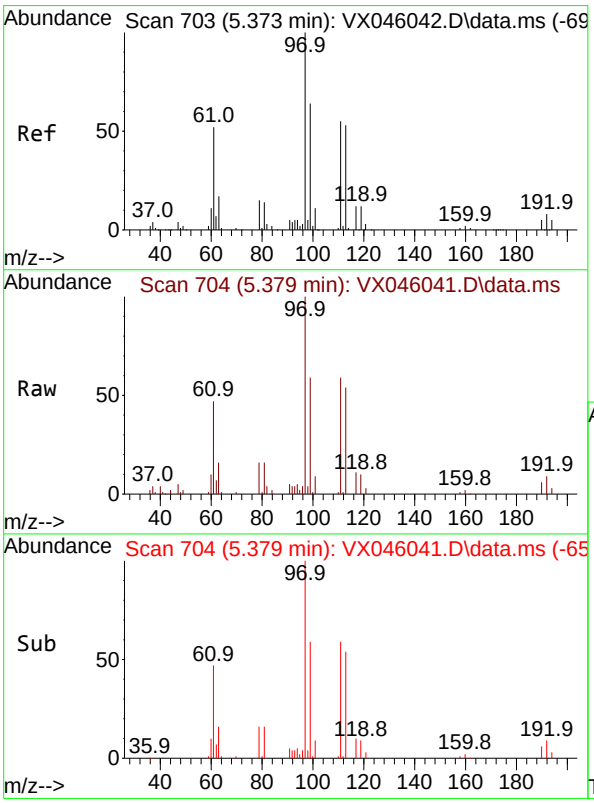
#31
Cyclohexane
Concen: 14.769 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 36470

Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.4	36.6
84	78.5	66.9	100.3

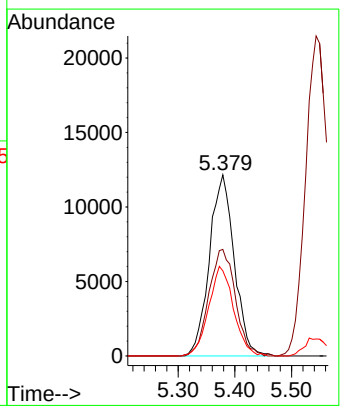


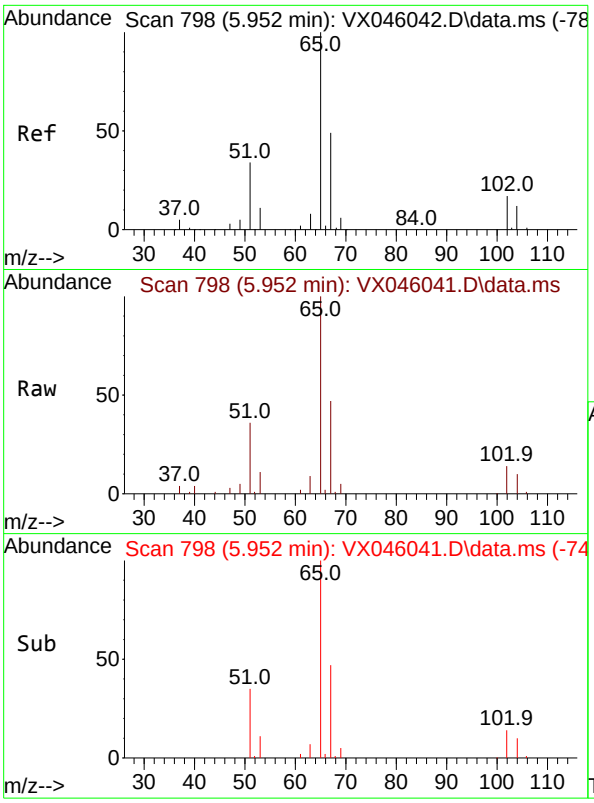


#32
1,1,1-Trichloroethane
Concen: 14.092 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 97 Resp: 37003

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.8	77.6
61	49.5	40.1	60.1



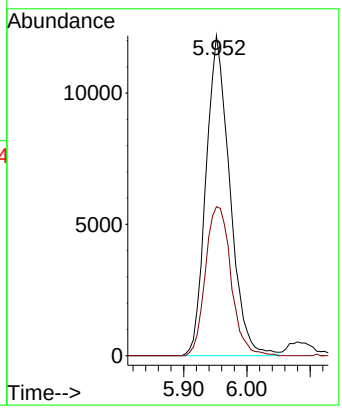


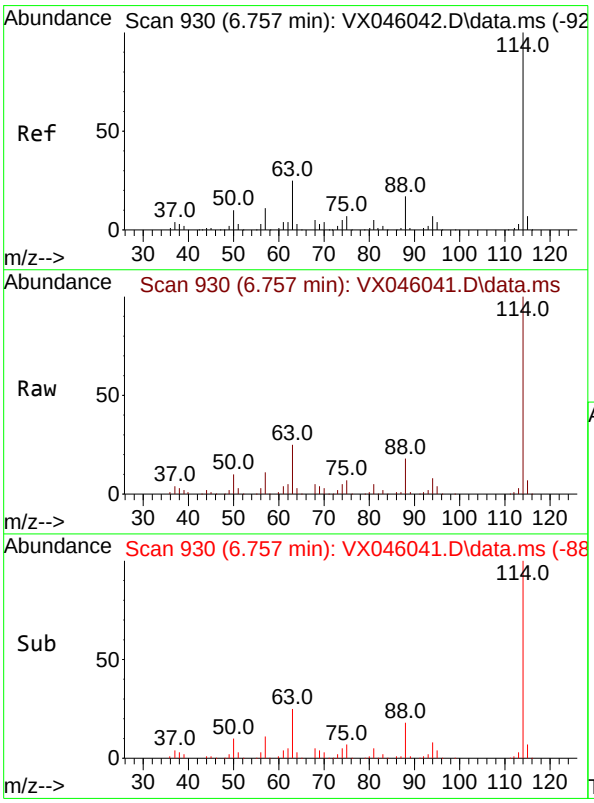
#33
1,2-Dichloroethane-d4
Concen: 12.820 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 31909

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.0

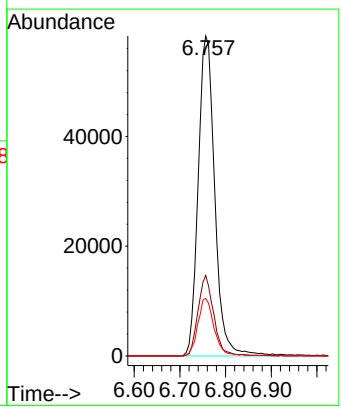


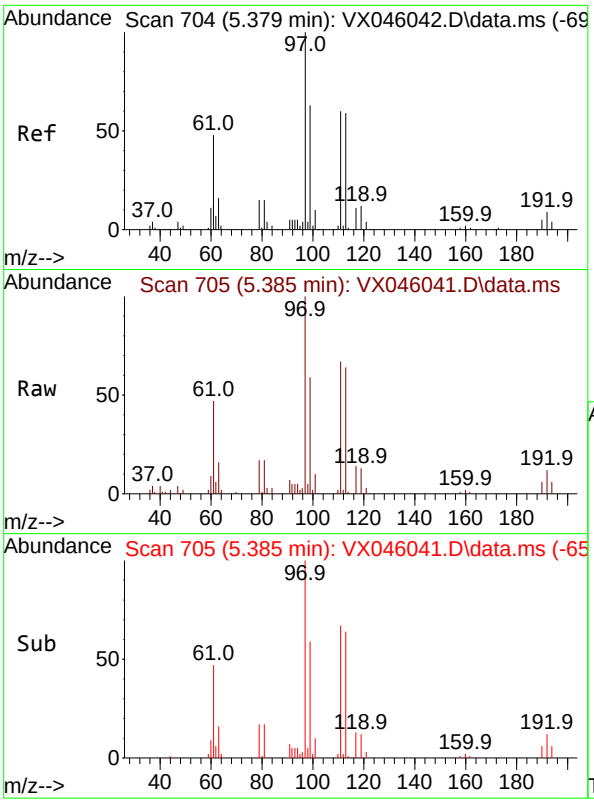


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:114 Resp: 147096

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	18.0	0.0	33.6



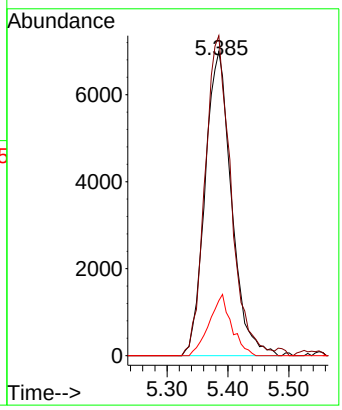


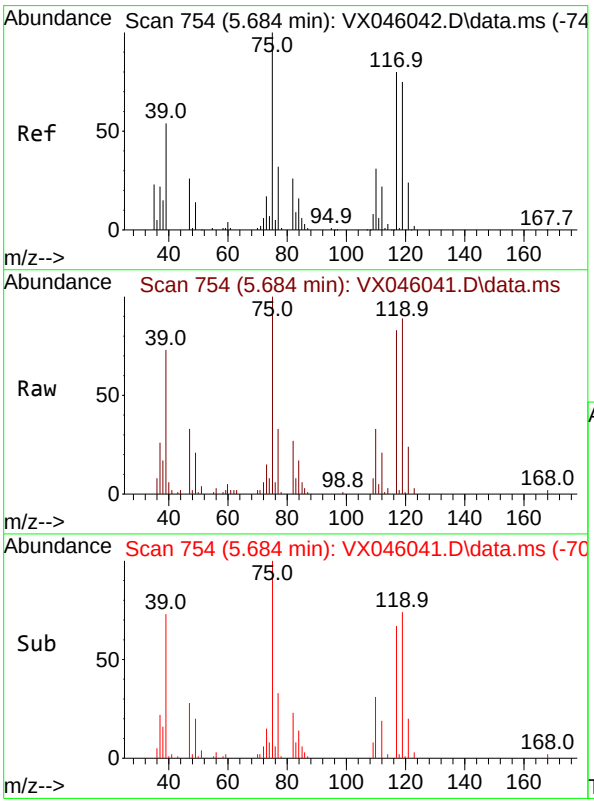
#35
Dibromofluoromethane
Concen: 12.804 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 21112

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	17.0	13.3	19.9

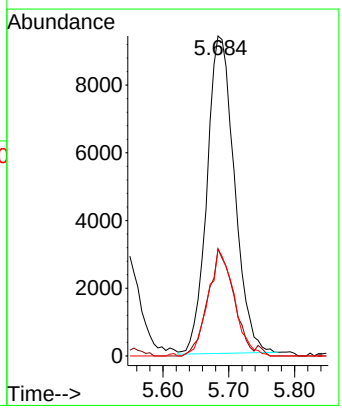


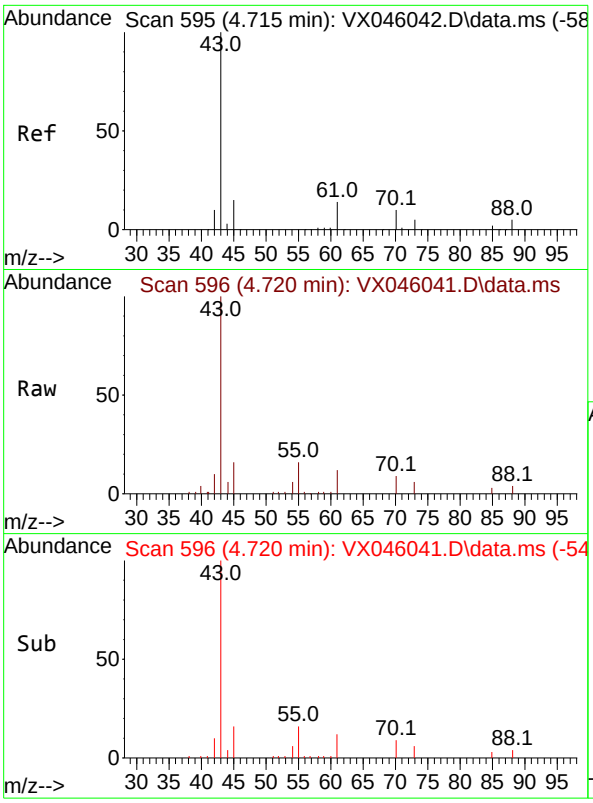


#36
1,1-Dichloropropene
Concen: 14.231 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 27242

Ion	Ratio	Lower	Upper
75	100		
110	31.6	16.3	48.9
77	31.9	24.3	36.5



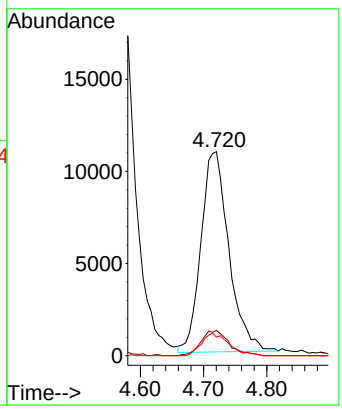


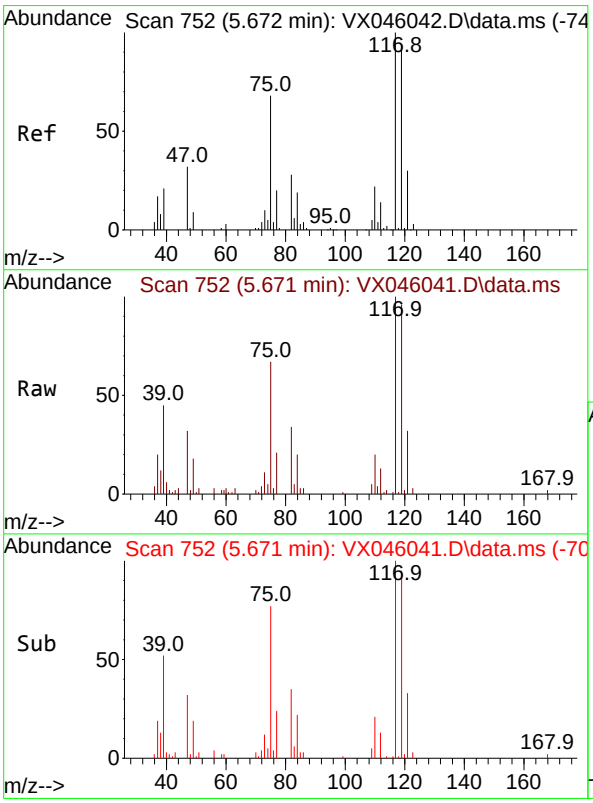
#37
Ethyl Acetate
Concen: 13.931 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 33458

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	10.9	7.9	11.9

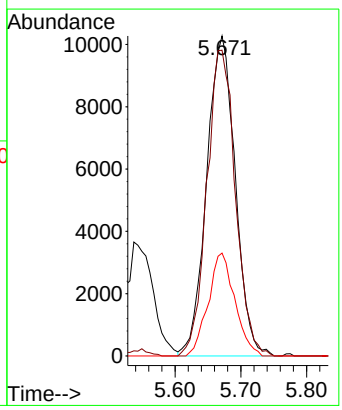


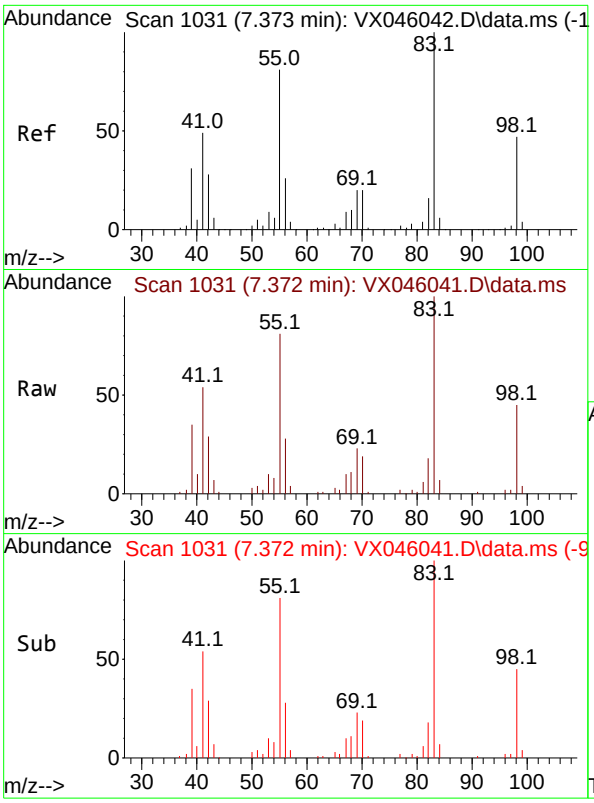


#38
Carbon Tetrachloride
Concen: 14.137 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:117 Resp: 31091

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	32.1	24.2	36.4



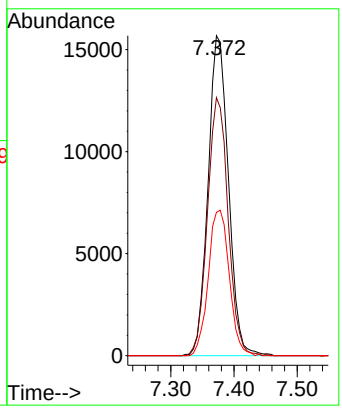


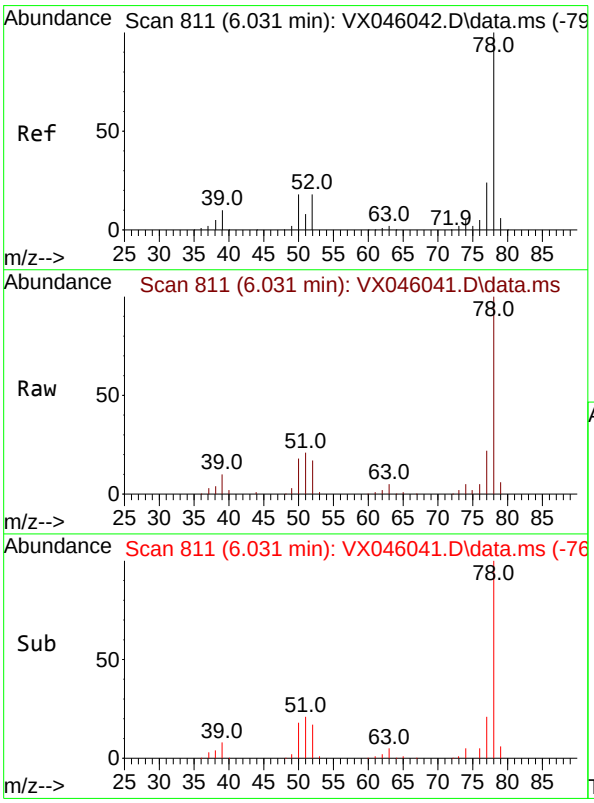
#39
Methylcyclohexane
Concen: 14.623 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 35077

Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.7	97.1
98	44.8	37.4	56.2

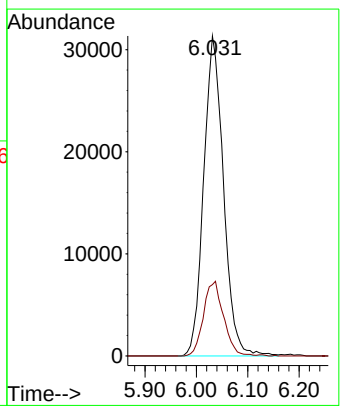


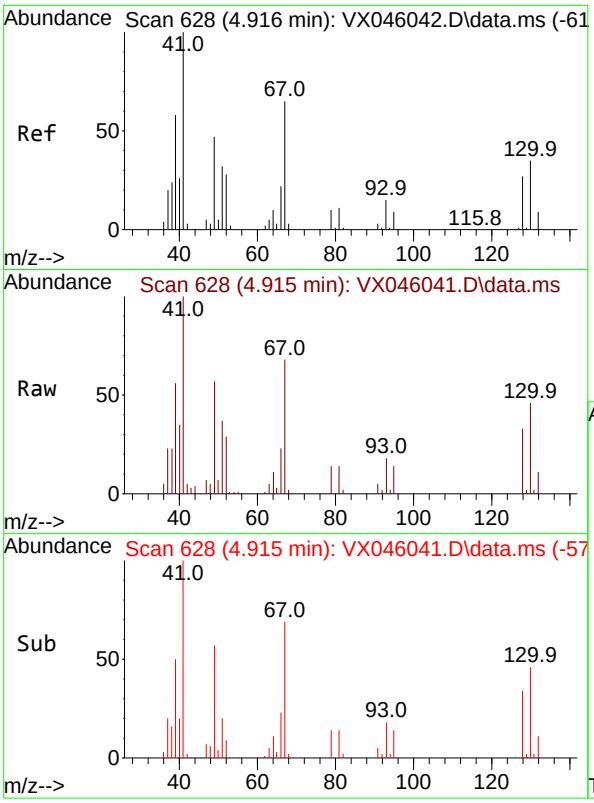


#40
Benzene
Concen: 14.140 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 78 Resp: 83898

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4



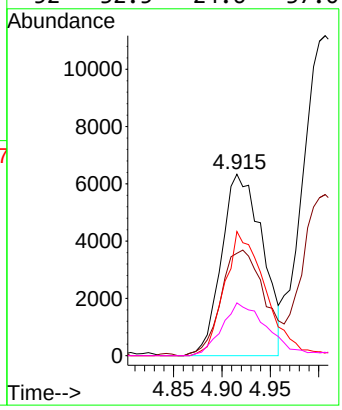


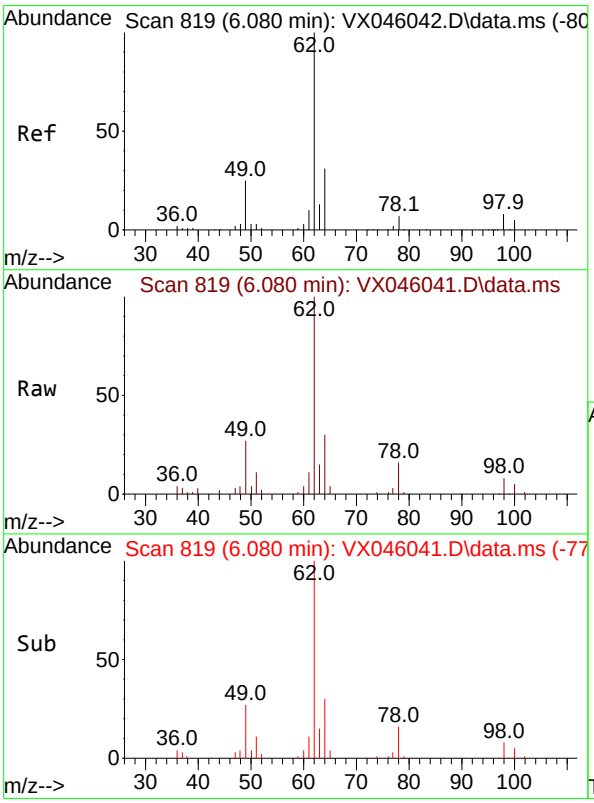
#41
Methacrylonitrile
Concen: 14.038 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 18732

Ion	Ratio	Lower	Upper
41	100		
39	62.6	47.2	70.8
67	68.3	50.7	76.1
52	32.5	24.6	37.0

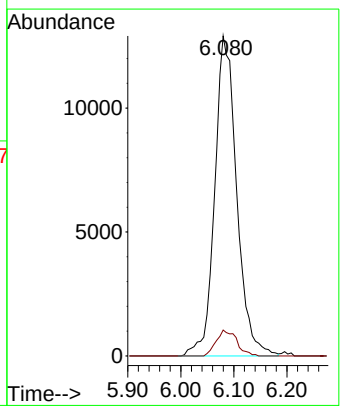


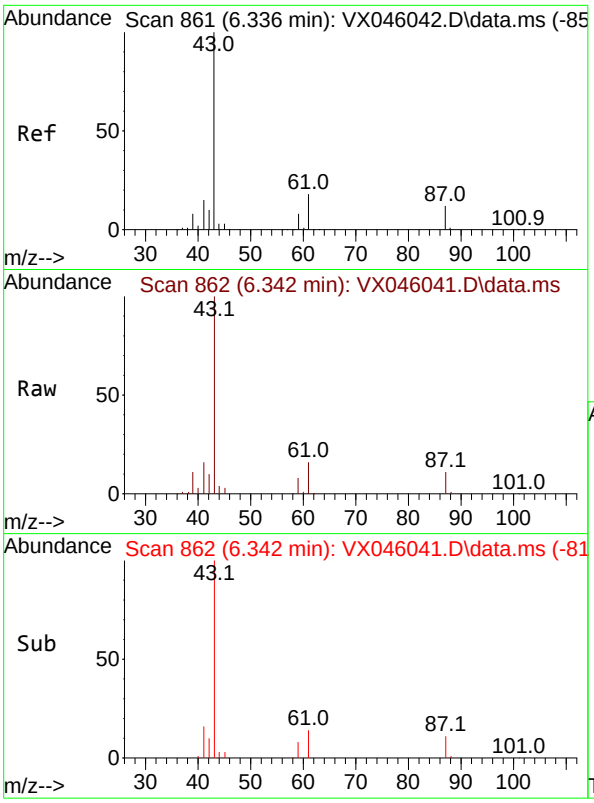


#42
1,2-Dichloroethane
Concen: 15.165 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 62 Resp: 37203

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2



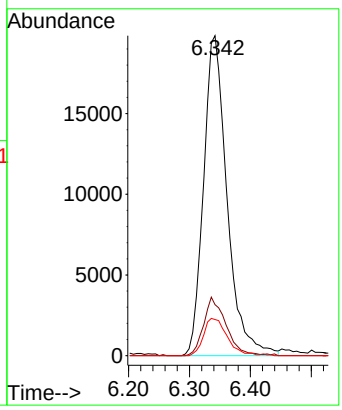


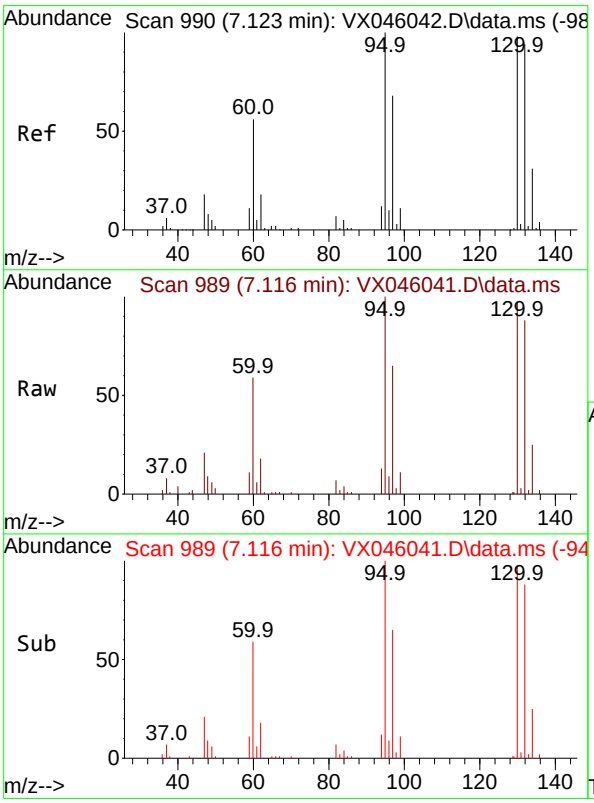
#43
Isopropyl Acetate
Concen: 14.512 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 53275

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.3	21.5
87	11.6	9.5	14.3

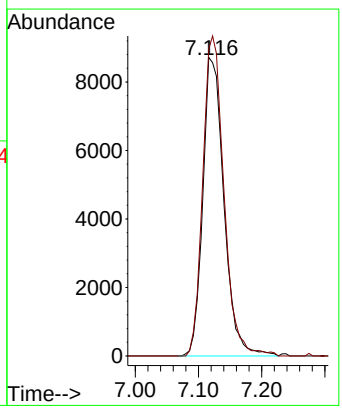


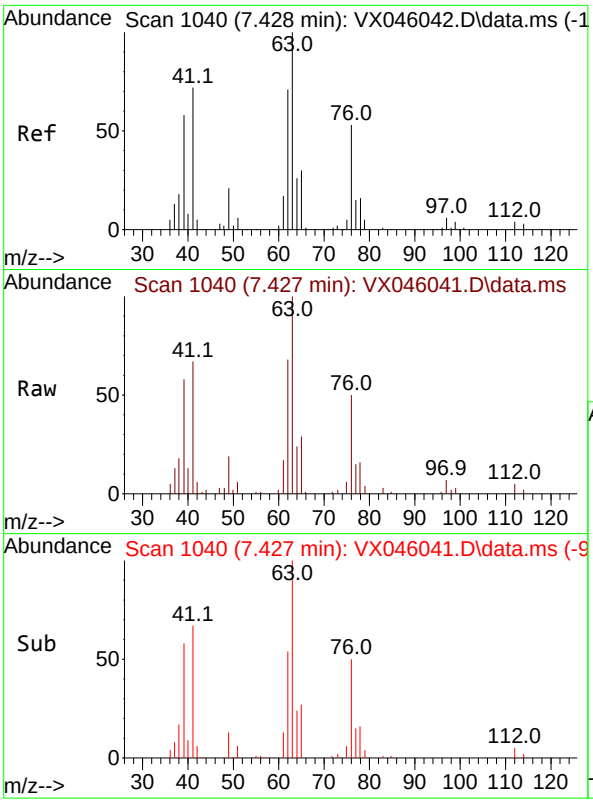


#44
Trichloroethene
Concen: 14.429 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:130 Resp: 20239

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	204.2



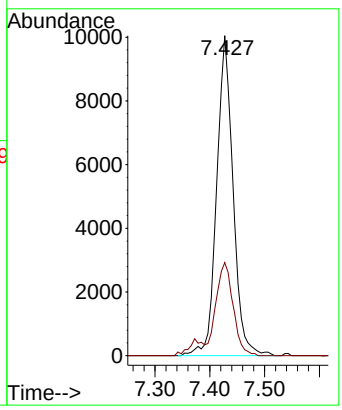


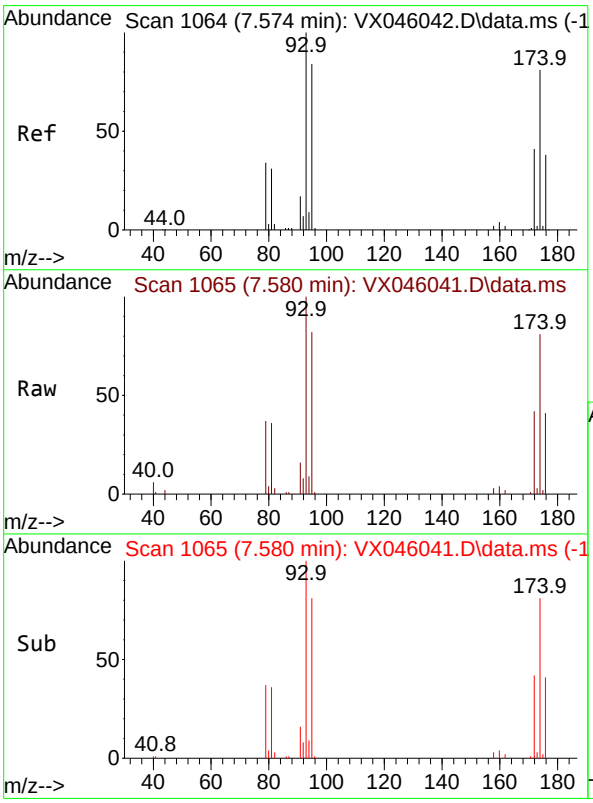
#45
1,2-Dichloropropane
Concen: 14.204 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 20940

Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.1	36.1

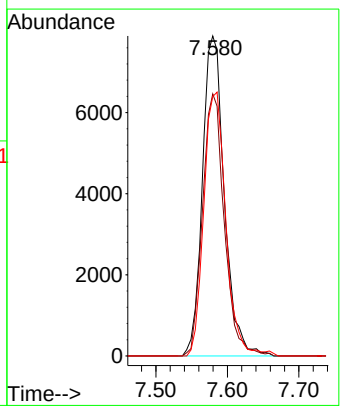


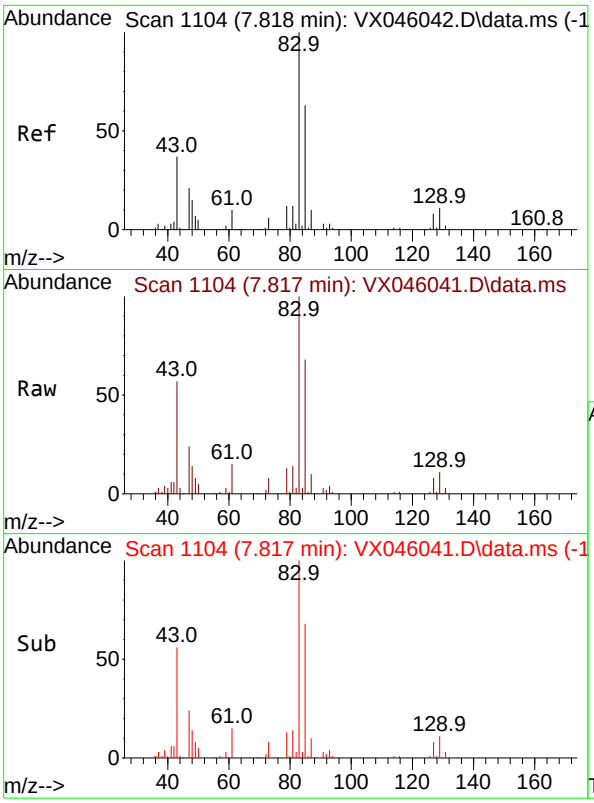


#46
Dibromomethane
Concen: 14.439 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 93 Resp: 16781

Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.6	98.4
174	83.1	68.2	102.2



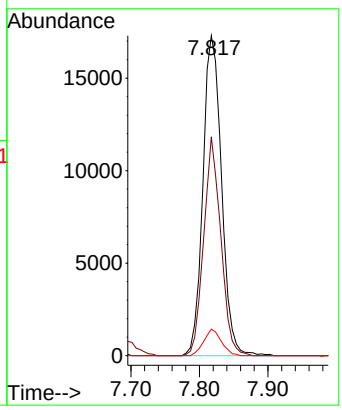


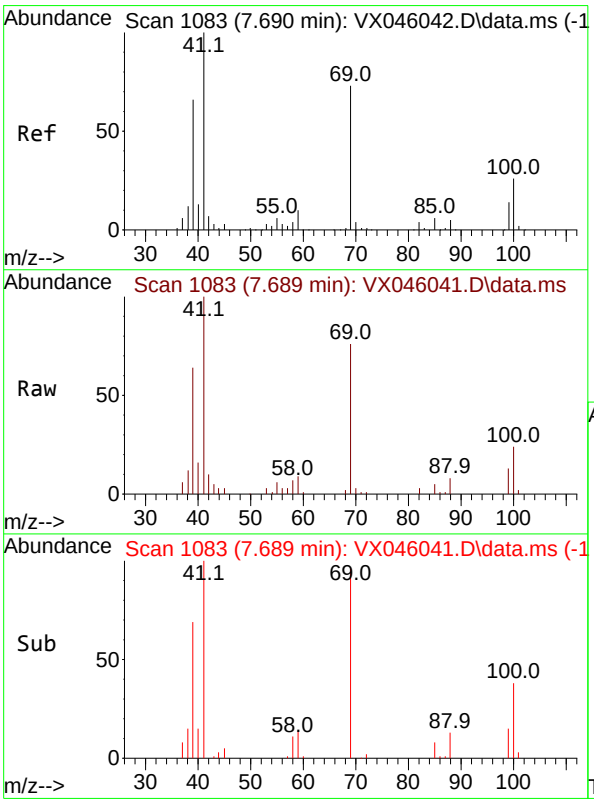
#47
Bromodichloromethane
Concen: 14.545 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 32762

Ion	Ratio	Lower	Upper
83	100		
85	68.4	50.5	75.7
127	8.3	6.5	9.7

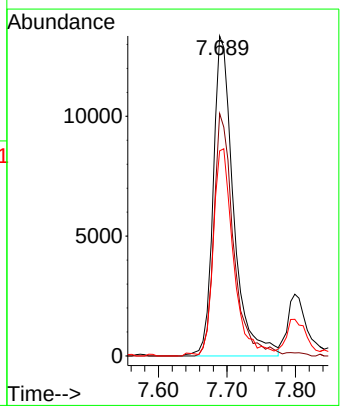


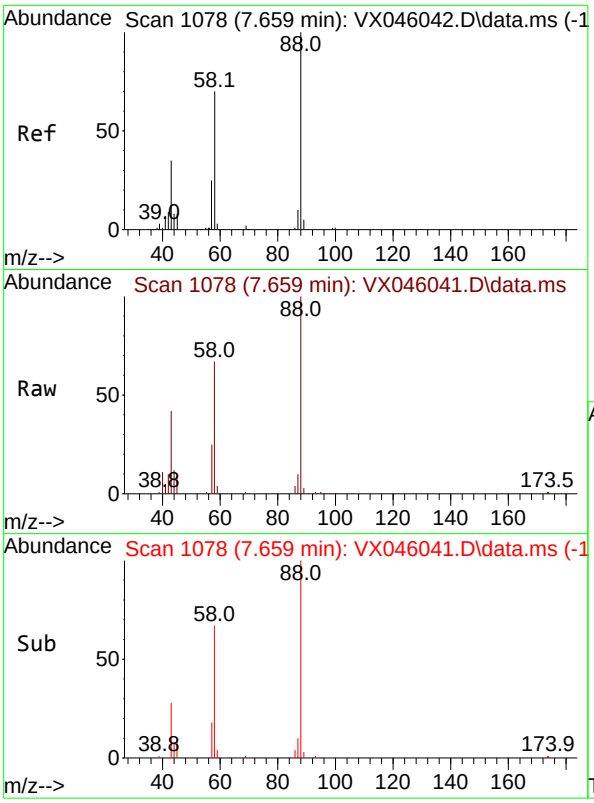


#48
Methyl methacrylate
Concen: 14.521 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 27374

Ion	Ratio	Lower	Upper
41	100		
69	73.5	58.5	87.7
39	64.9	51.7	77.5



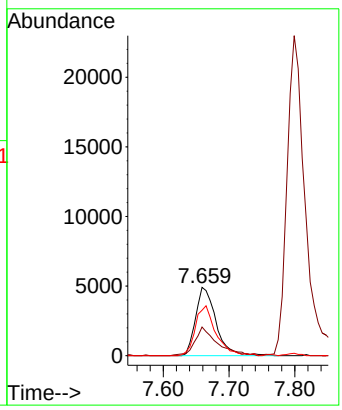


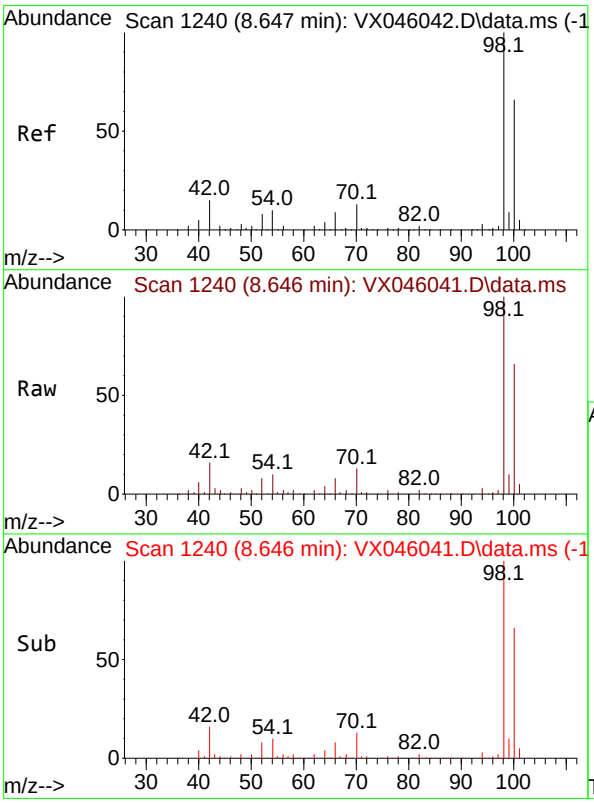
#49
1,4-Dioxane
Concen: 282.442 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 10585

Ion	Ratio	Lower	Upper
88	100		
43	45.5	33.4	50.2
58	73.6	58.6	88.0

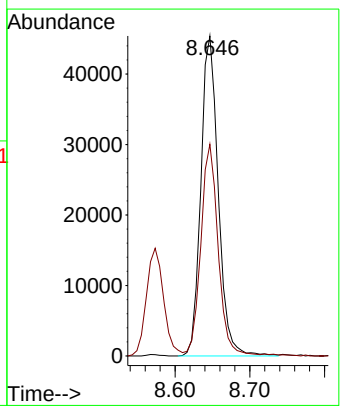


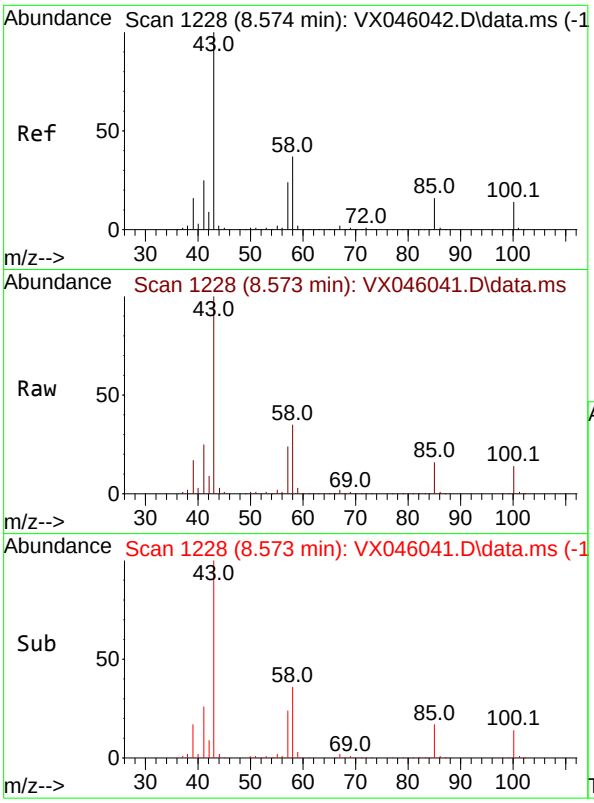


#50
Toluene-d8
Concen: 13.200 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 98 Resp: 73333

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3



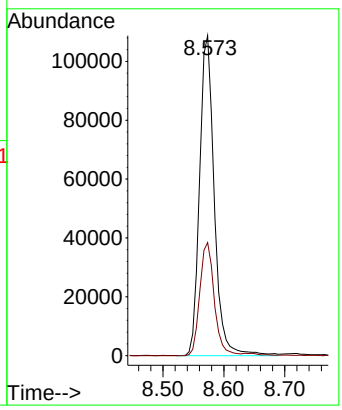


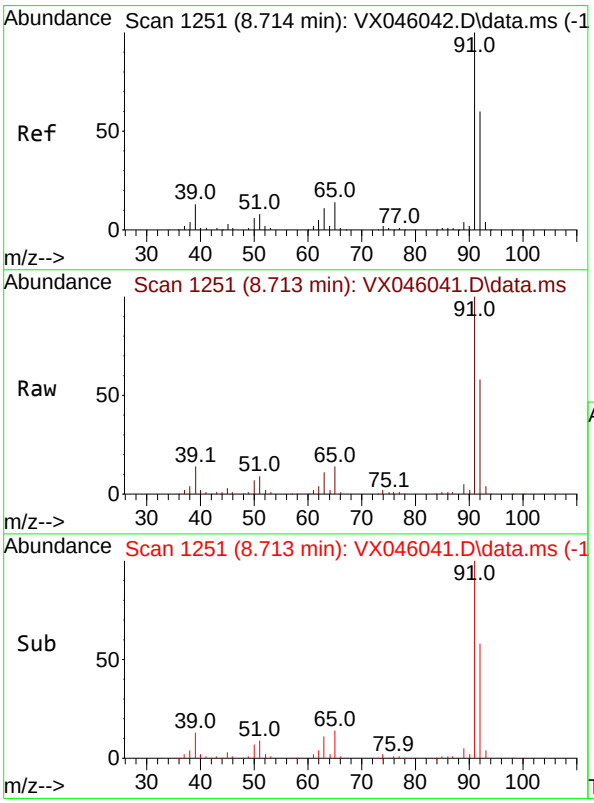
#51
4-Methyl-2-Pentanone
Concen: 75.775 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 182455

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.9	43.3

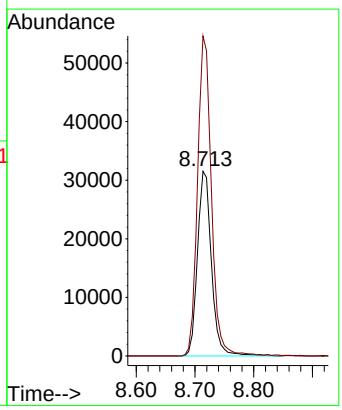


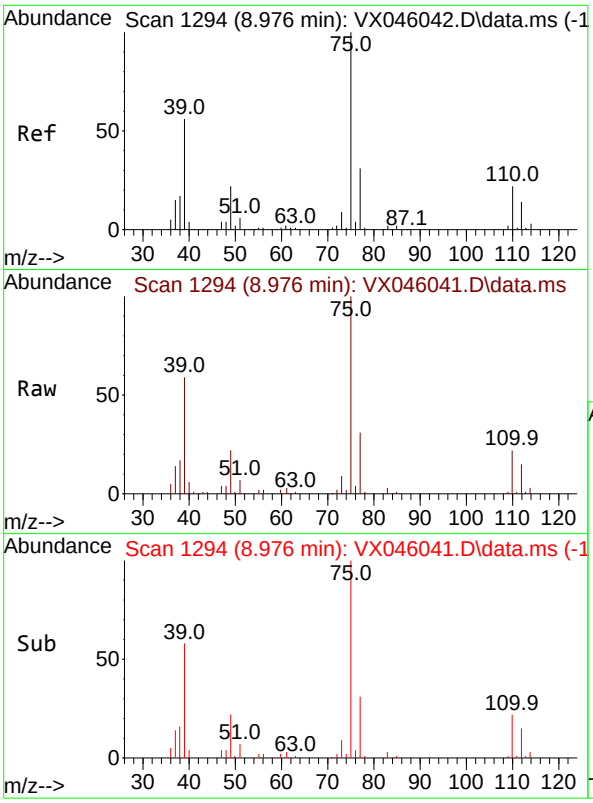


#52
Toluene
Concen: 14.788 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 92 Resp: 52030

Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.6	205.0



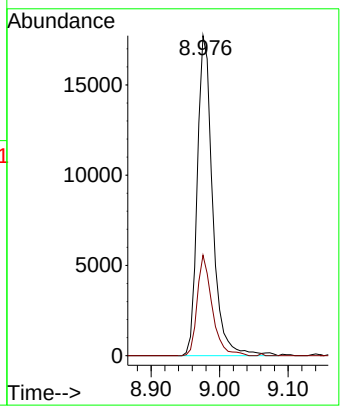


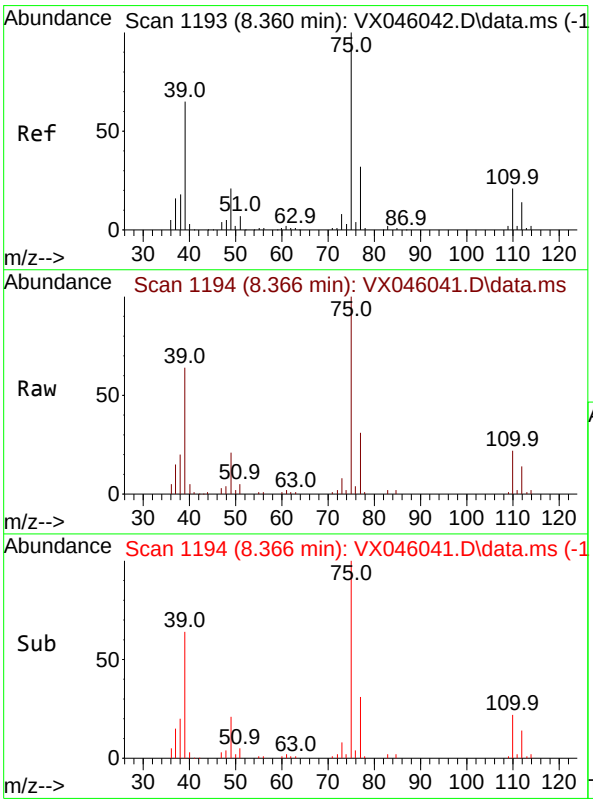
#53
t-1,3-Dichloropropene
Concen: 14.566 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 27549

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6

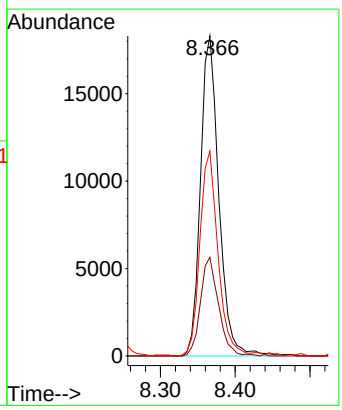


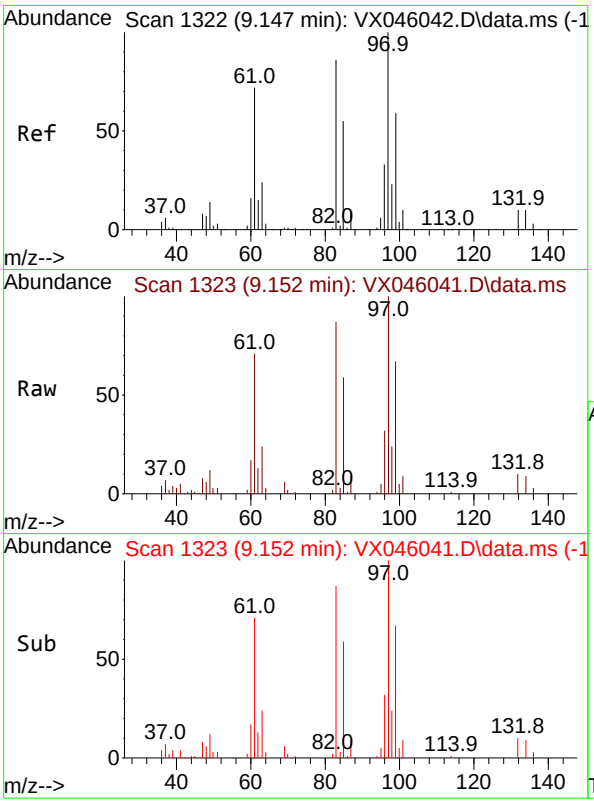


#54
cis-1,3-Dichloropropene
Concen: 14.154 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 31226

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	64.0	52.2	78.4



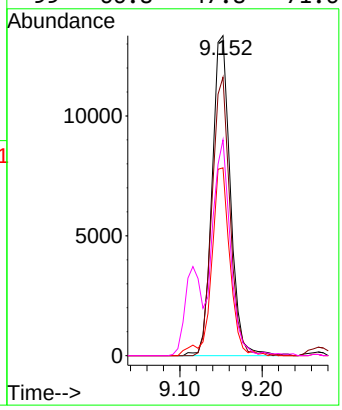


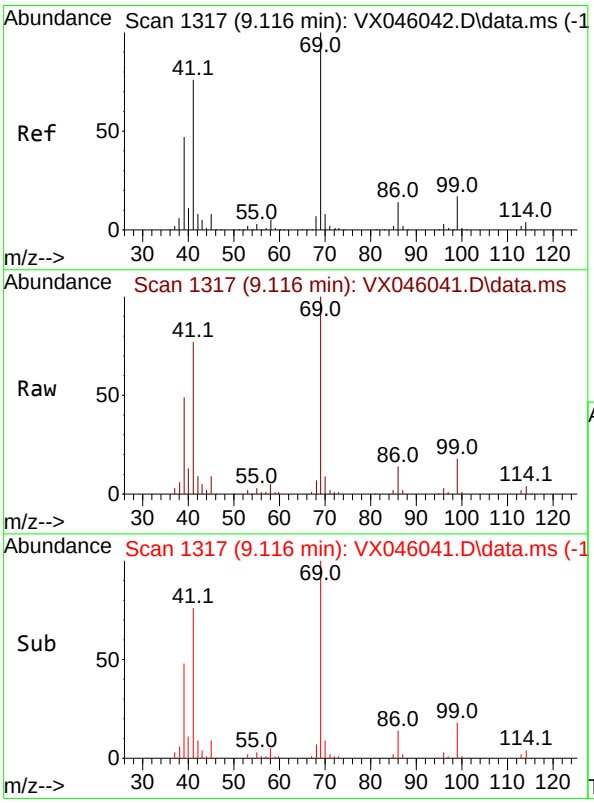
#55
1,1,2-Trichloroethane
Concen: 14.442 ug/l
RT: 9.152 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 20536

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	58.7	44.3	66.5
99	66.8	47.8	71.6

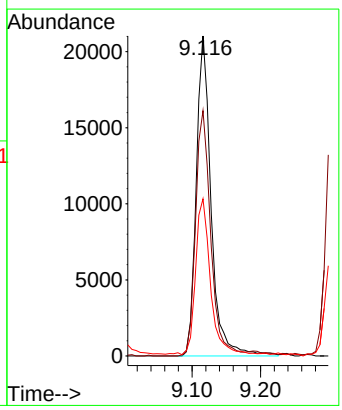


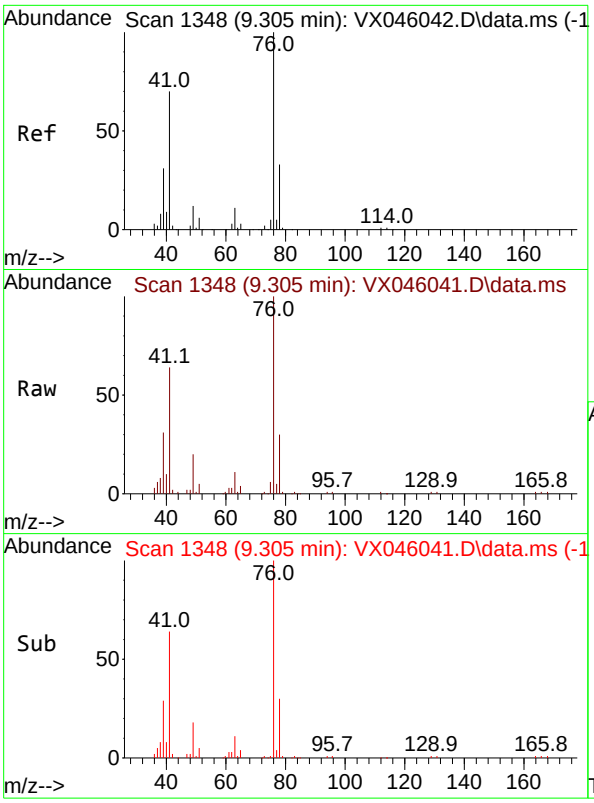


#56
Ethyl methacrylate
Concen: 14.425 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 69 Resp: 31787

Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.8	91.2
39	49.3	39.0	58.6



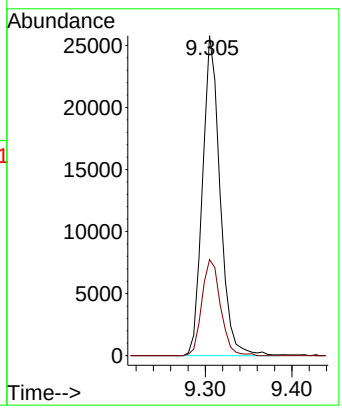


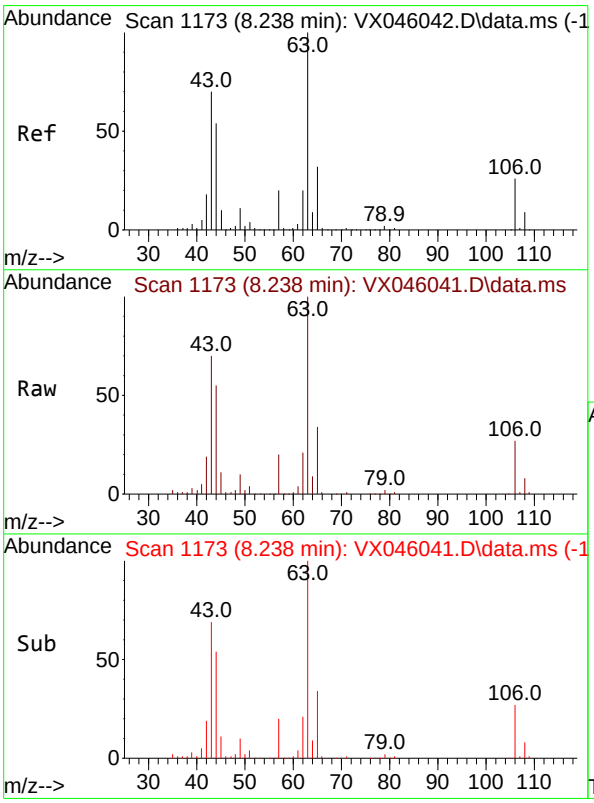
#57
1,3-Dichloropropane
Concen: 14.417 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 36341

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.3	39.5

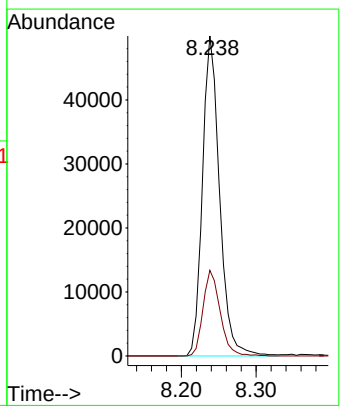


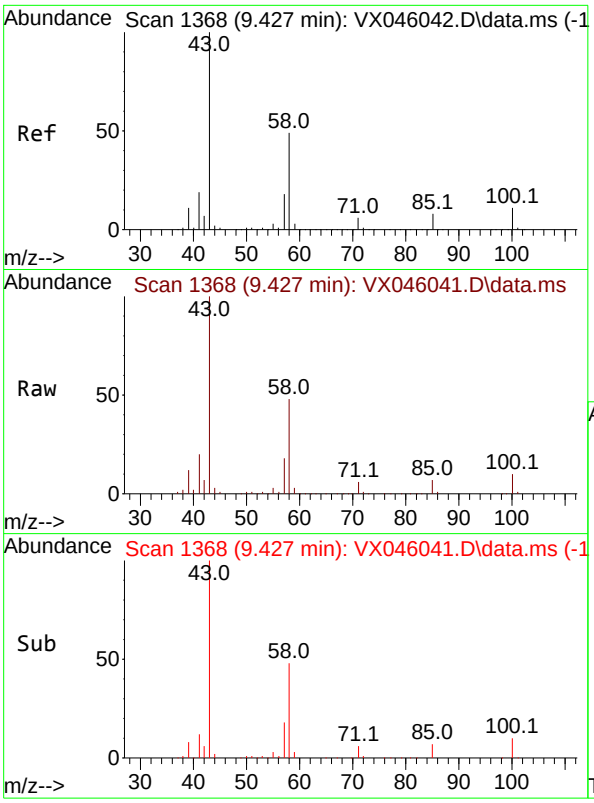


#58
2-Chloroethyl Vinyl ether
Concen: 80.312 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 79531

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3



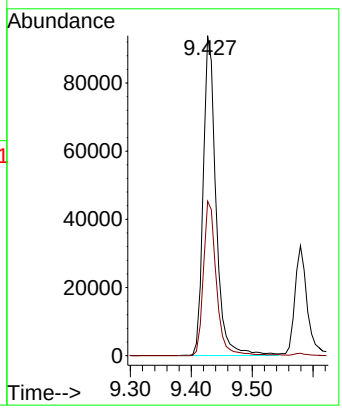


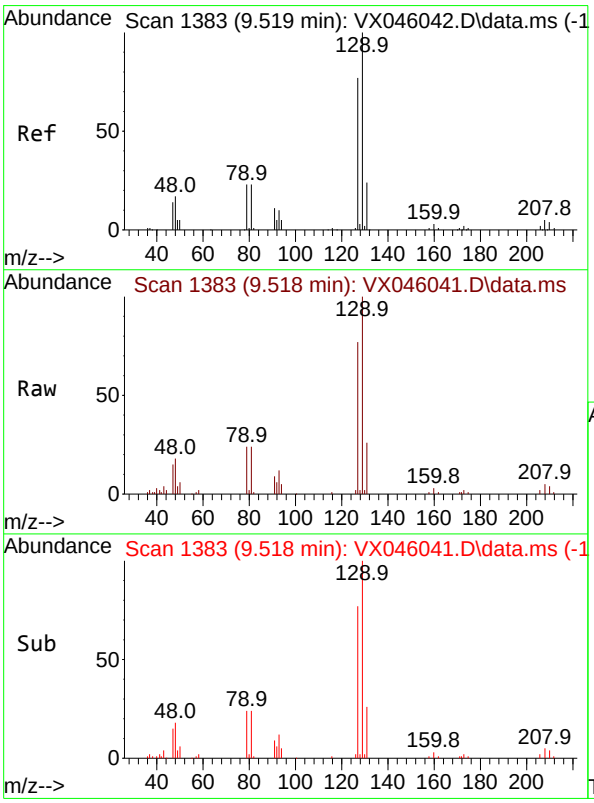
#59
2-Hexanone
Concen: 74.997 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 137054

Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.9	74.6

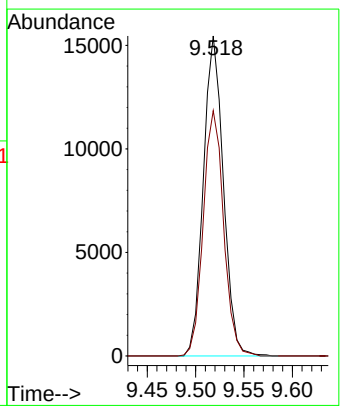


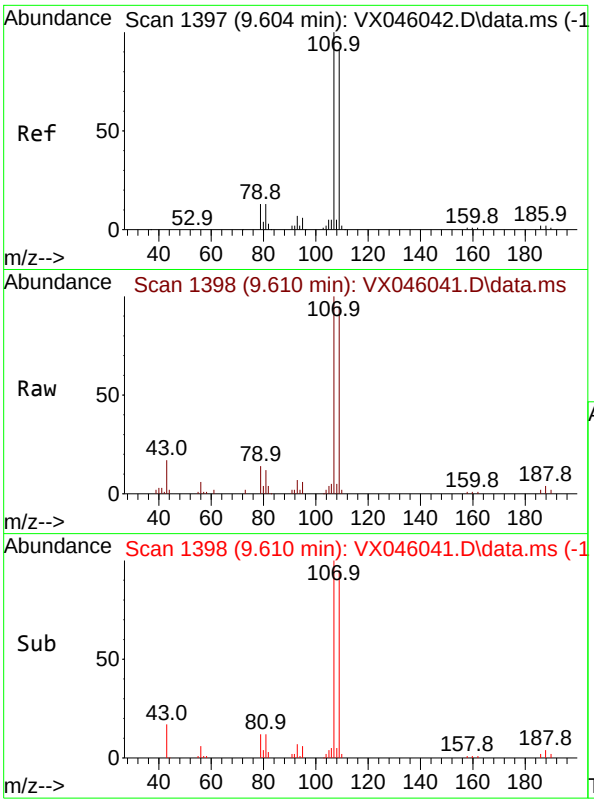


#60
Dibromochloromethane
Concen: 14.387 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:129 Resp: 22267

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.8



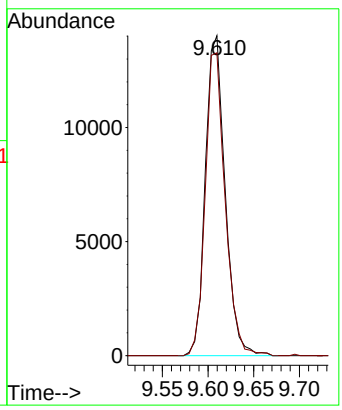


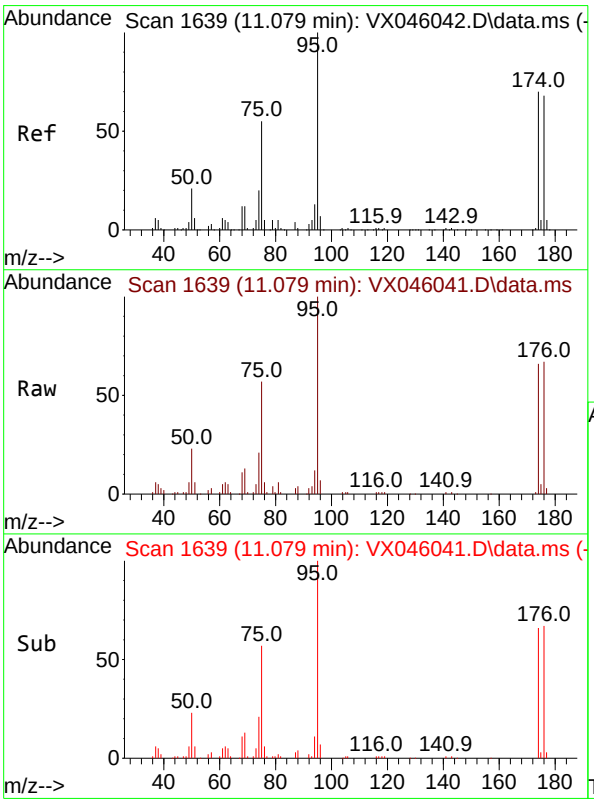
#61
1,2-Dibromoethane
Concen: 14.458 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 21113

Ion	Ratio	Lower	Upper
107	100		
109	95.3	73.3	109.9

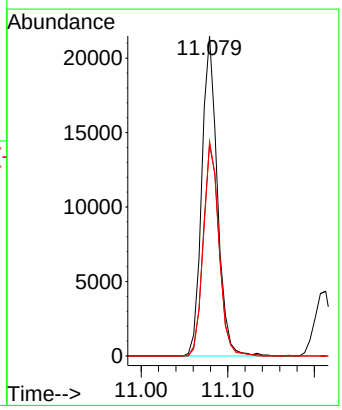


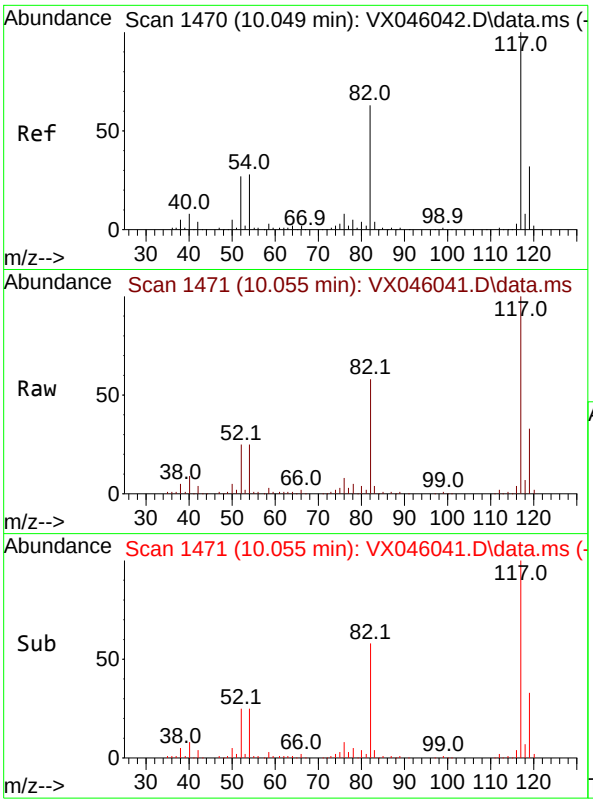


#62
4-Bromofluorobenzene
Concen: 13.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 95 Resp: 26760

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	67.0	0.0	131.4



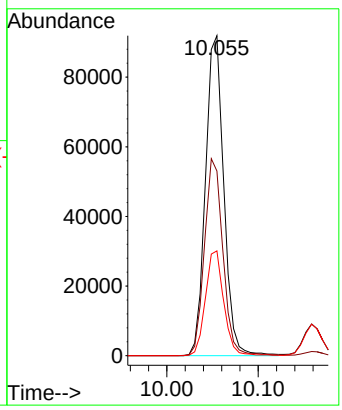


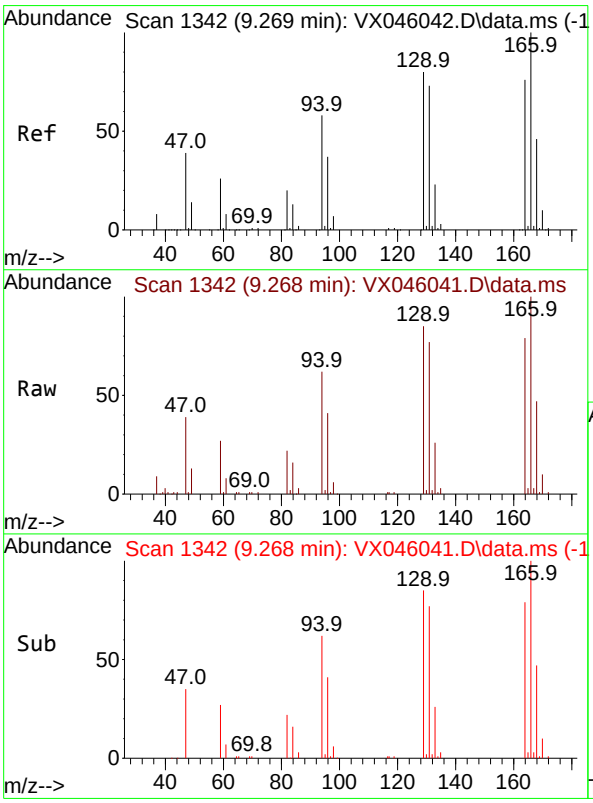
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 127829

Ion	Ratio	Lower	Upper
117	100		
82	57.7	50.6	76.0
119	32.7	25.8	38.6

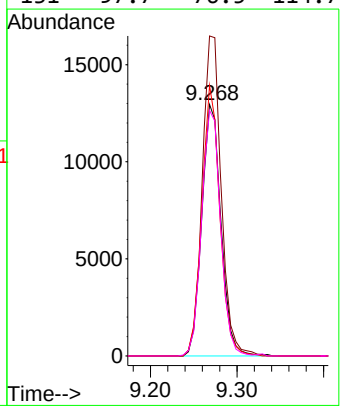


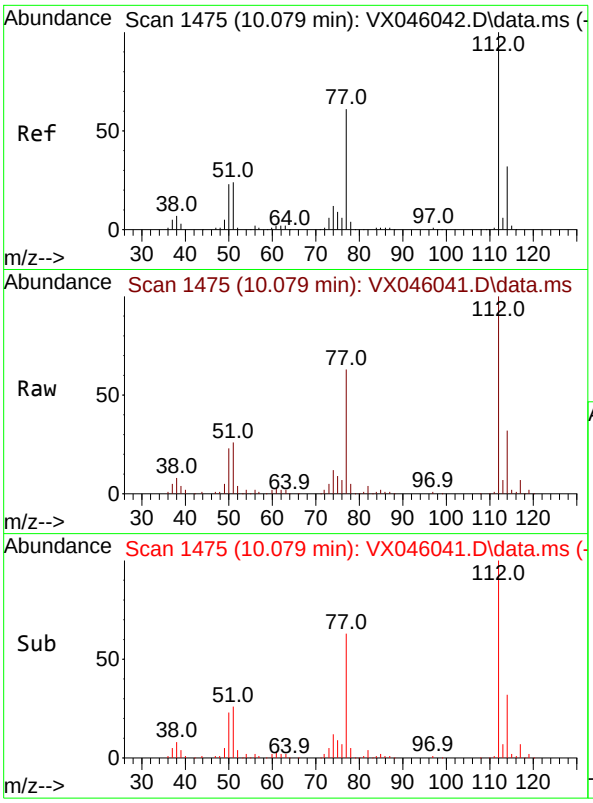


#64
Tetrachloroethene
Concen: 15.263 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:164 Resp: 19924

Ion	Ratio	Lower	Upper
164	100		
166	127.2	105.0	157.6
129	107.6	83.5	125.3
131	97.7	76.5	114.7



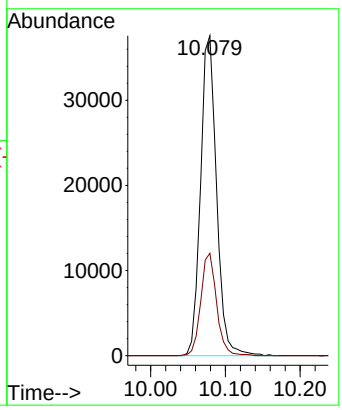


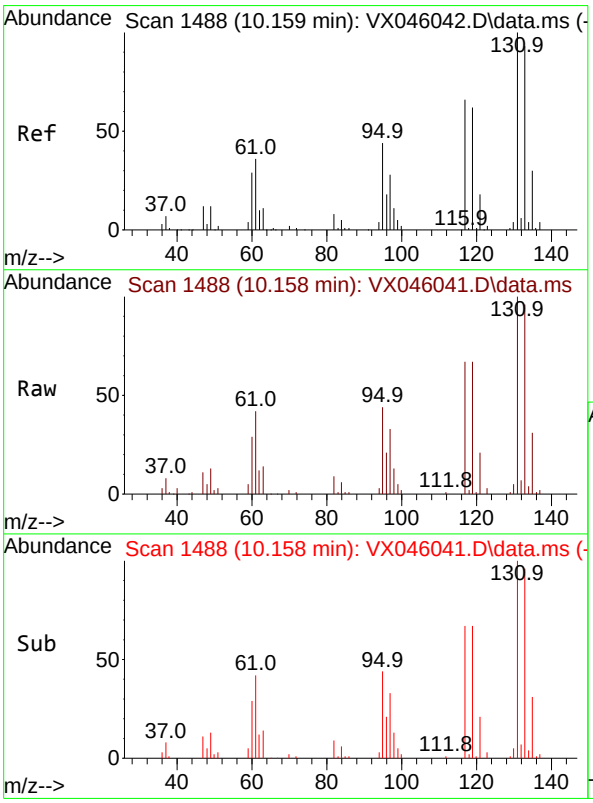
#65
Chlorobenzene
Concen: 14.202 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 55863

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

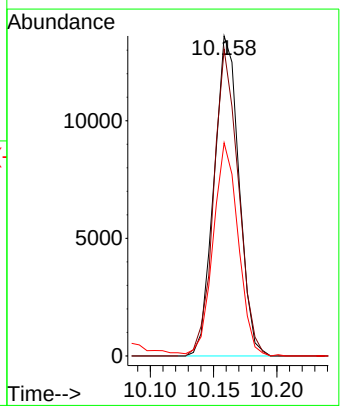


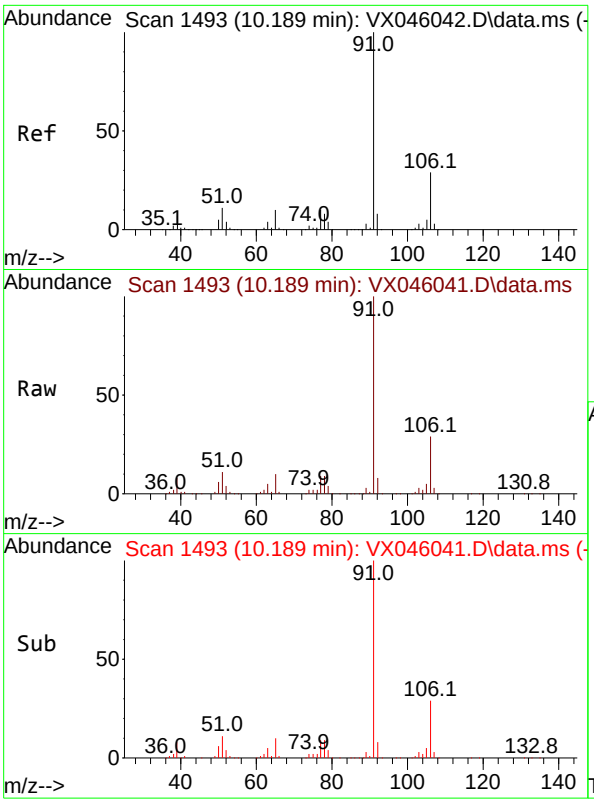


#66
1,1,1,2-Tetrachloroethane
Concen: 14.231 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:131 Resp: 18671

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.9
119	66.7	31.6	95.0



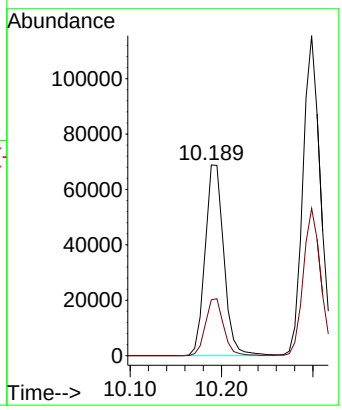


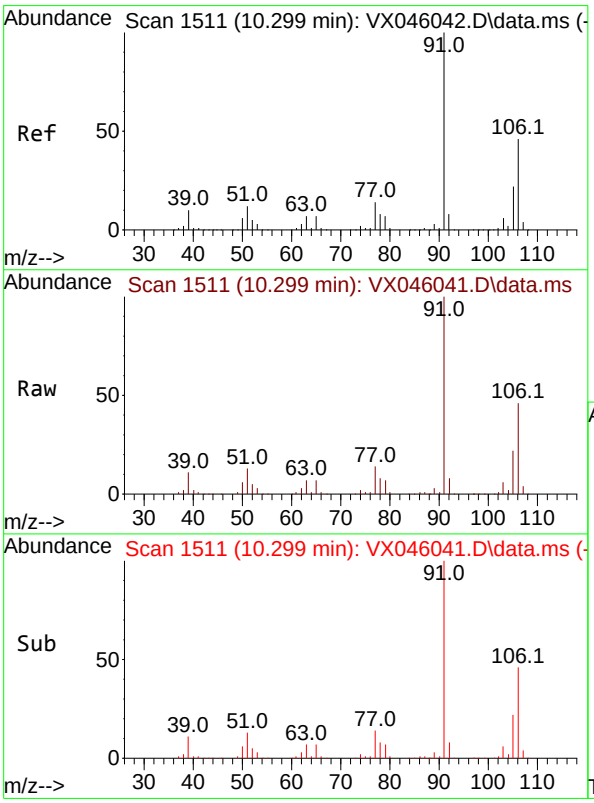
#67
Ethyl Benzene
Concen: 14.631 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 98113

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.4	35.2

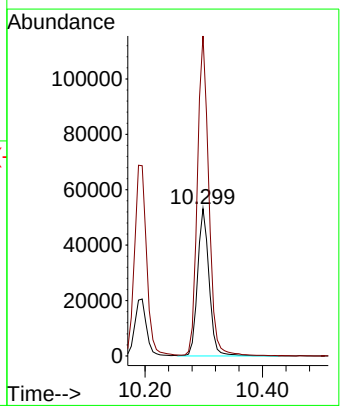


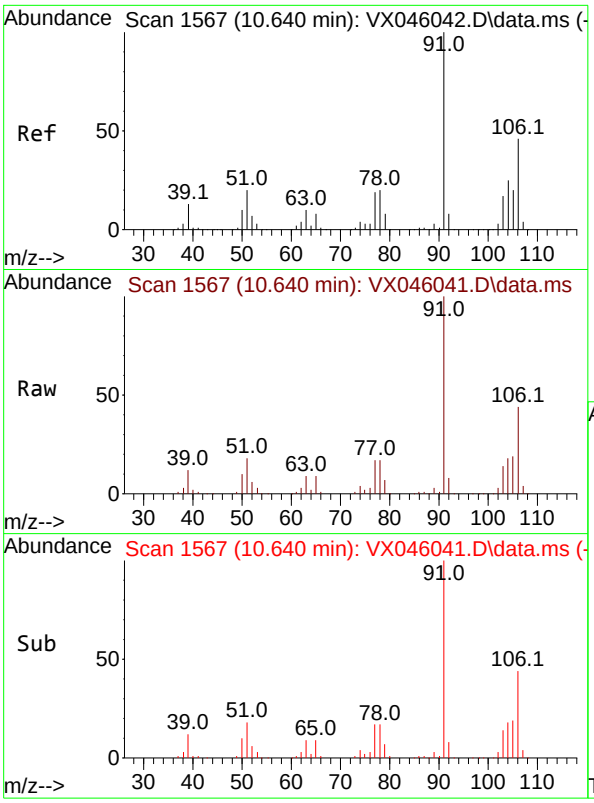


#68
m/p-Xylenes
Concen: 29.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:106 Resp: 72202

Ion	Ratio	Lower	Upper
106	100		
91	216.1	171.2	256.8



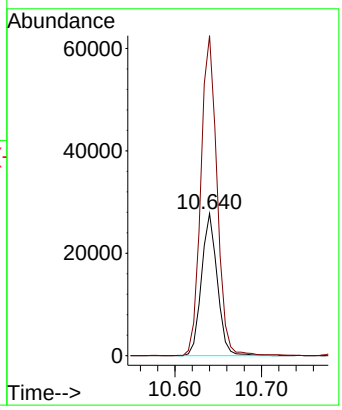


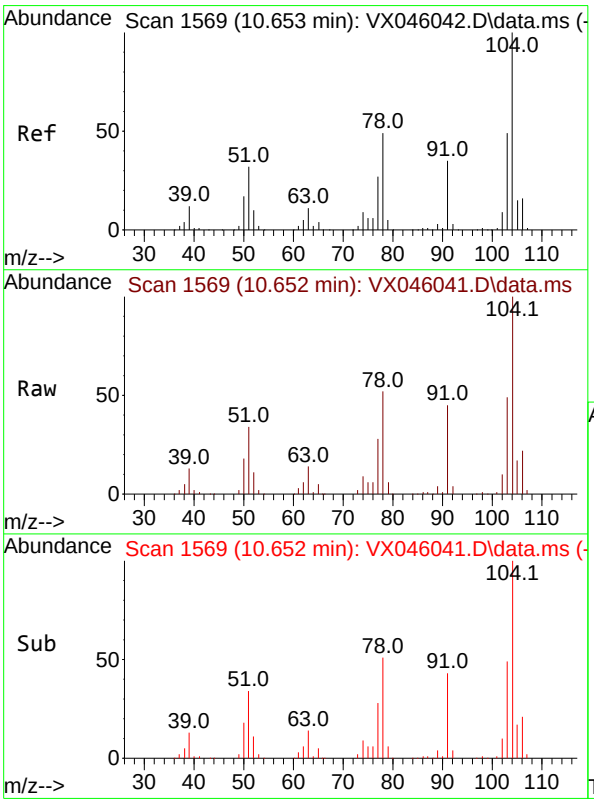
#69
o-Xylene
Concen: 14.408 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 35178

Ion	Ratio	Lower	Upper
106	100		
91	231.7	112.7	338.1

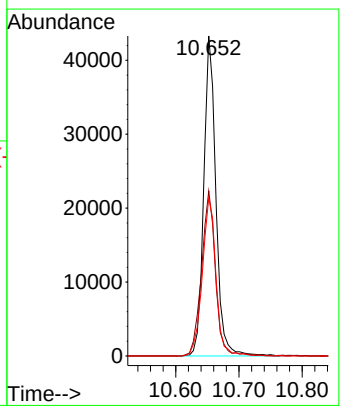


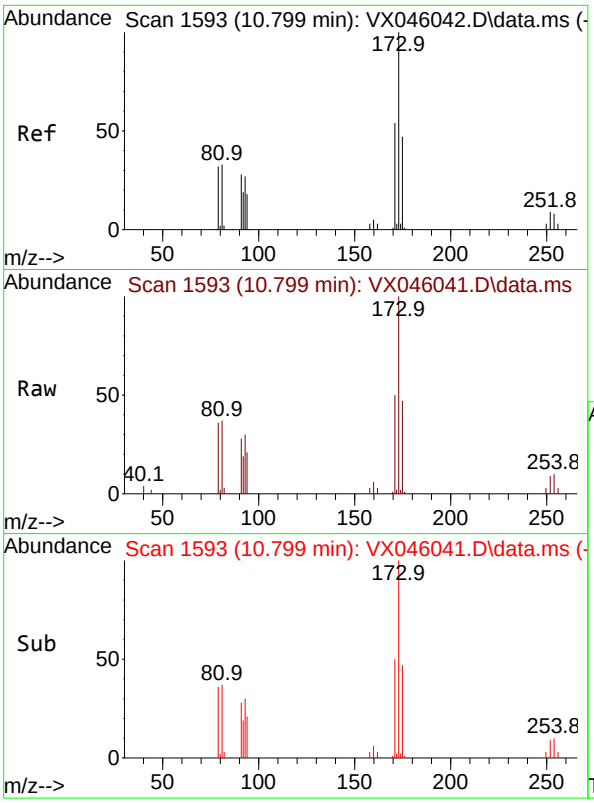


#70
Styrene
Concen: 14.853 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:104 Resp: 58034

Ion	Ratio	Lower	Upper
104	100		
78	58.7	45.7	68.5
103	55.6	43.7	65.5



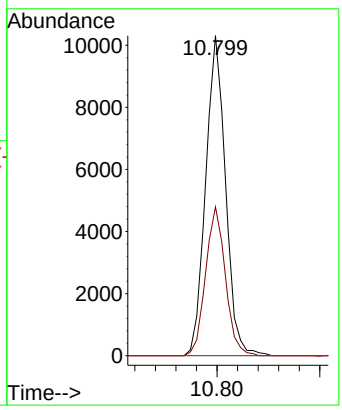


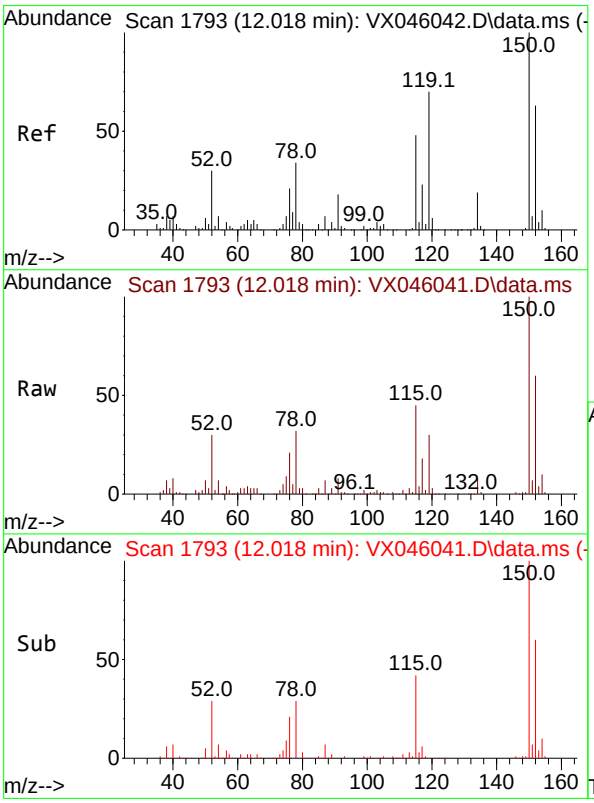
#71
Bromoform
Concen: 14.030 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 13825

Ion	Ratio	Lower	Upper
173	100		
175	46.4	23.4	70.0
254	0.0	0.0	0.0

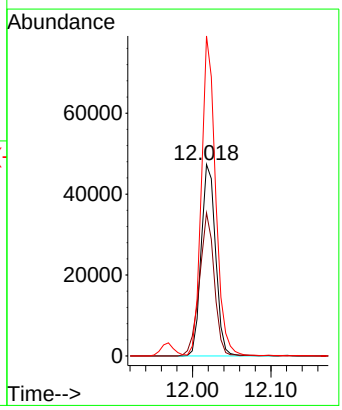


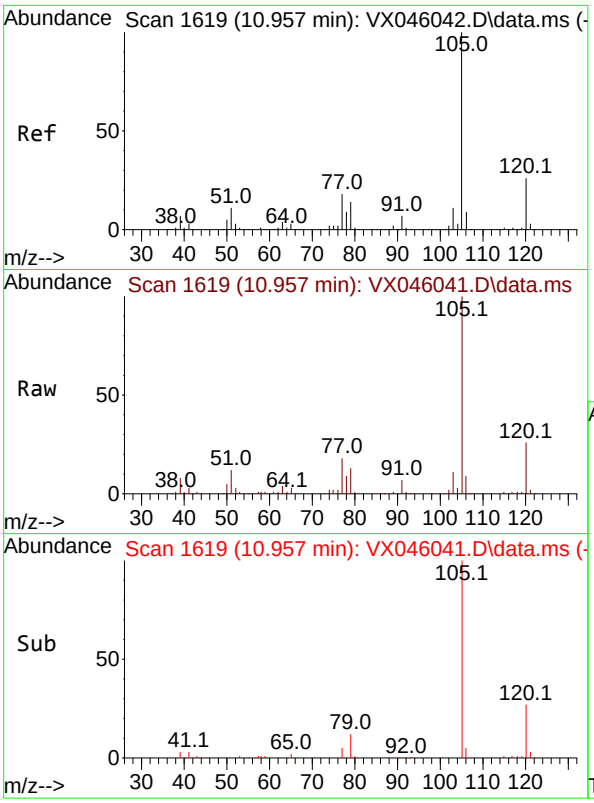


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:152 Resp: 60503

Ion	Ratio	Lower	Upper
152	100		
115	76.6	46.9	140.7
150	163.6	0.0	351.0



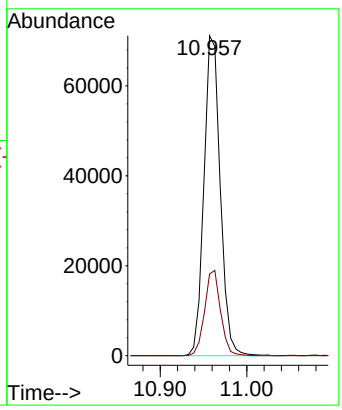


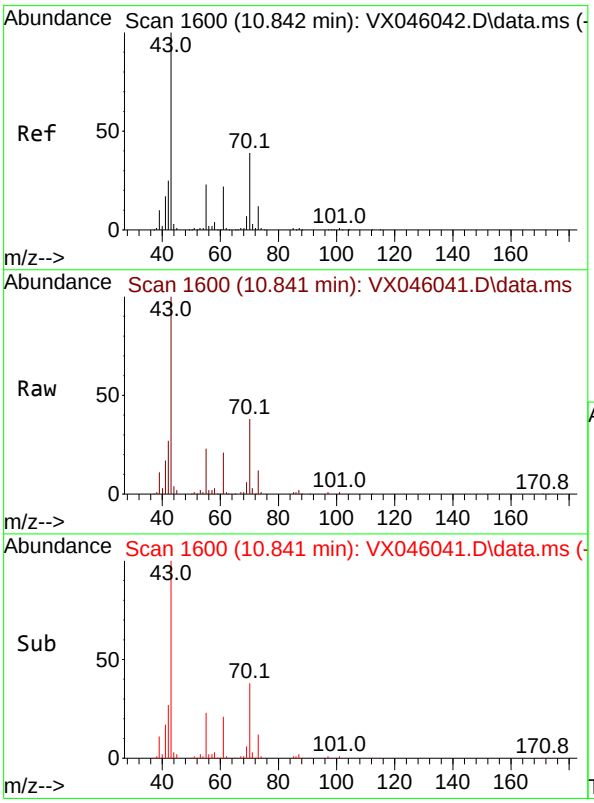
#73
Isopropylbenzene
Concen: 14.096 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 93013

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

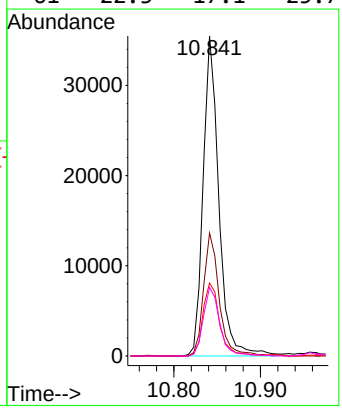


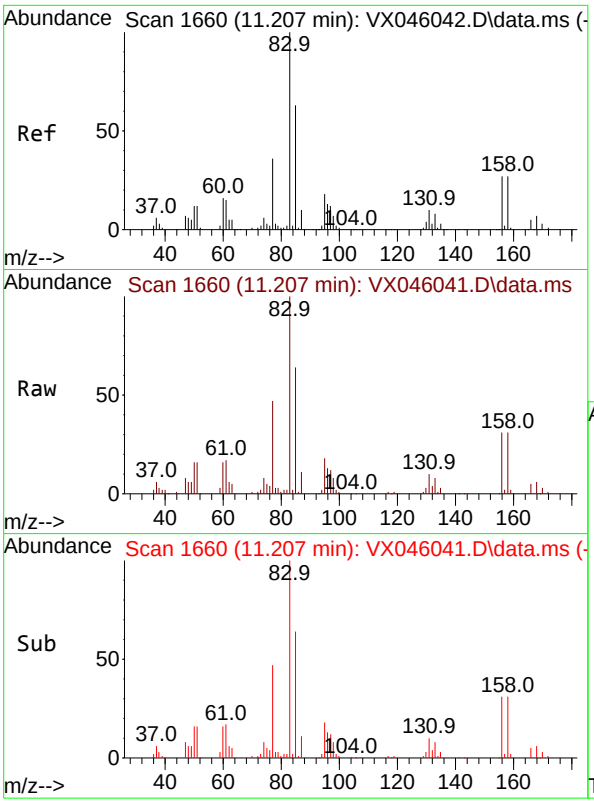


#74
N-amyl acetate
Concen: 13.581 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 44684

Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	24.1	18.7	28.1
61	22.3	17.1	25.7



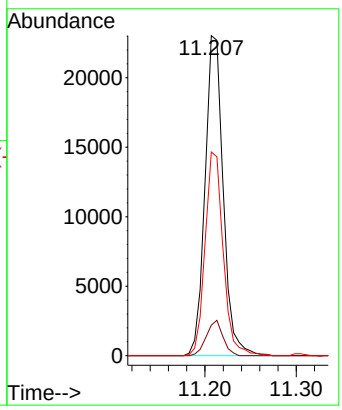


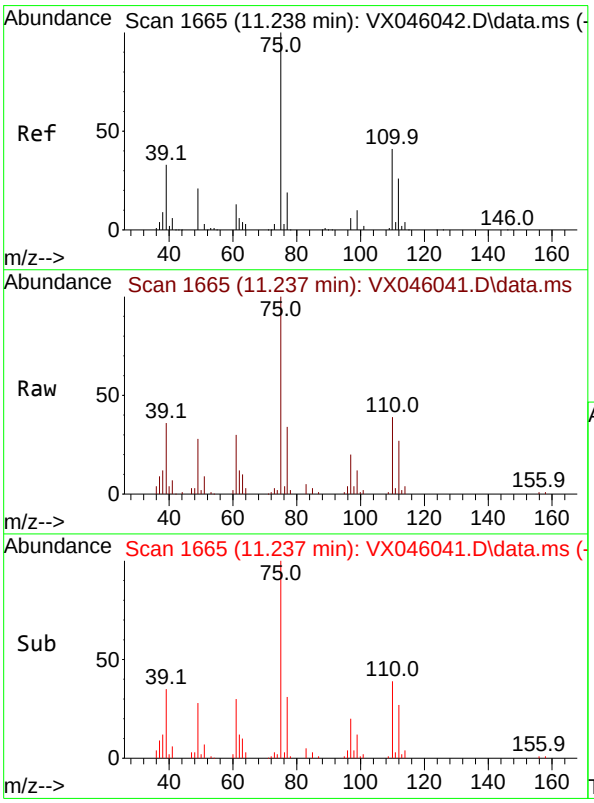
#75
1,1,2,2-Tetrachloroethane
Concen: 13.560 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 31830

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	63.3	31.9	95.7

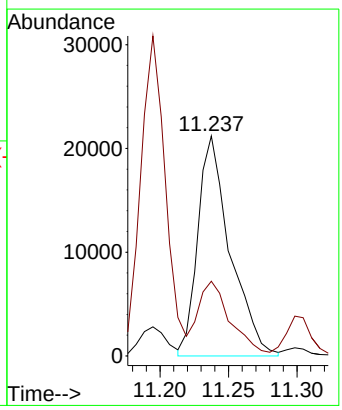


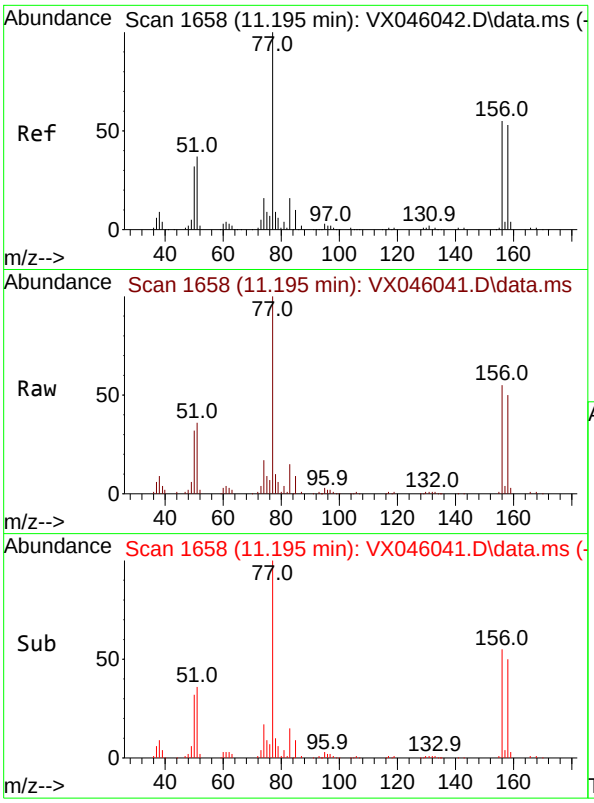


#76
1,2,3-Trichloropropane
Concen: 13.811 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 34837

Ion	Ratio	Lower	Upper
75	100		
77	34.4	20.5	61.5



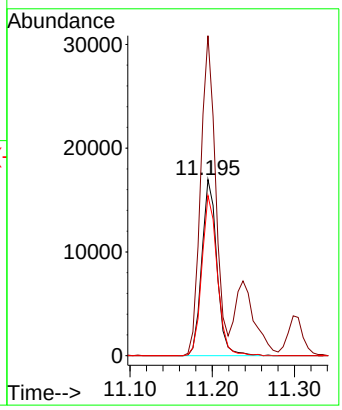


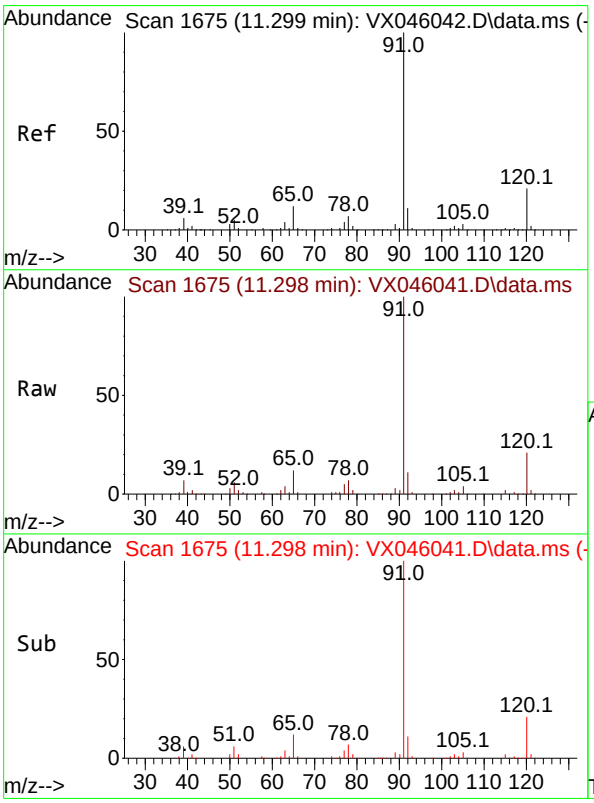
#77
Bromobenzene
Concen: 14.212 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 21695

Ion	Ratio	Lower	Upper
156	100		
77	179.9	92.8	278.3
158	93.1	48.8	146.3

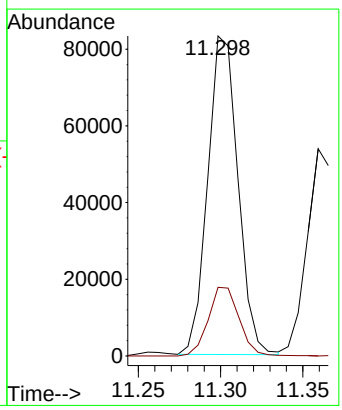


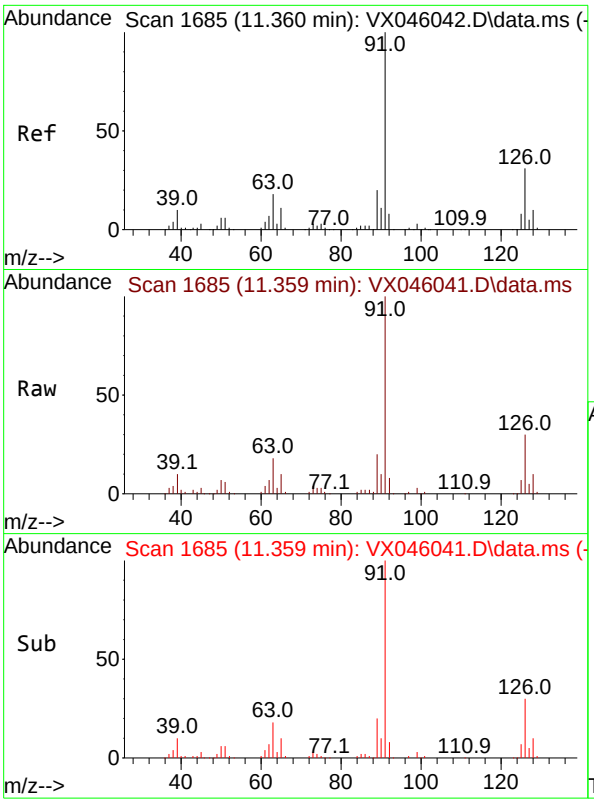


#78
n-propylbenzene
Concen: 14.376 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 106337

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4



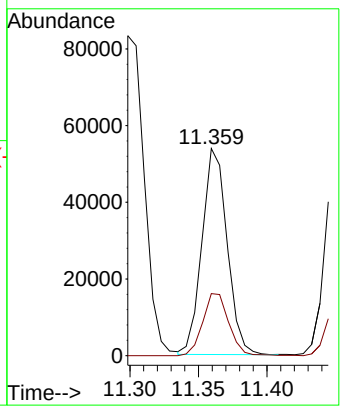


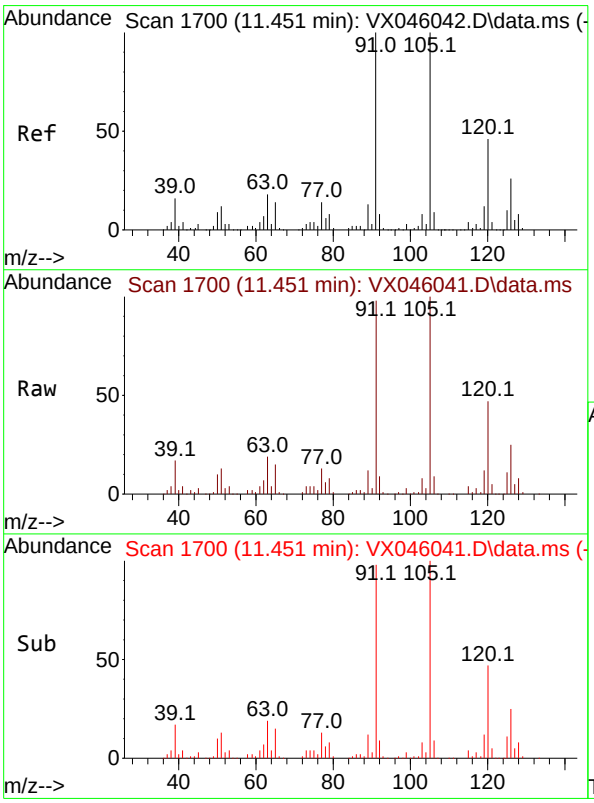
#79
2-Chlorotoluene
Concen: 13.748 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 68534

Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.7

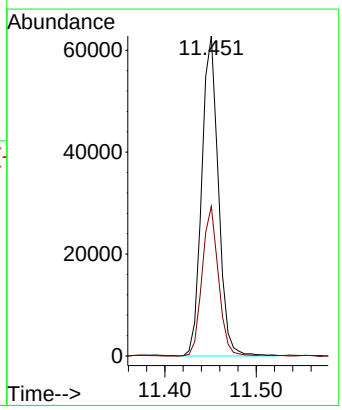


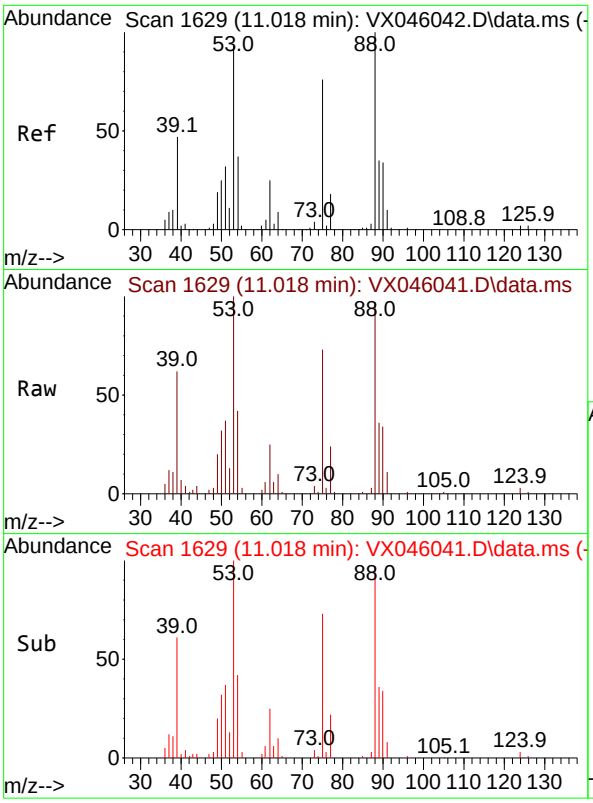


#80
1,3,5-Trimethylbenzene
Concen: 14.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 79261

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2



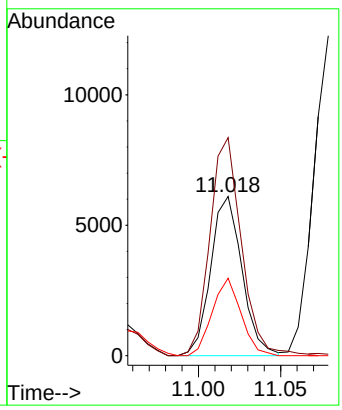


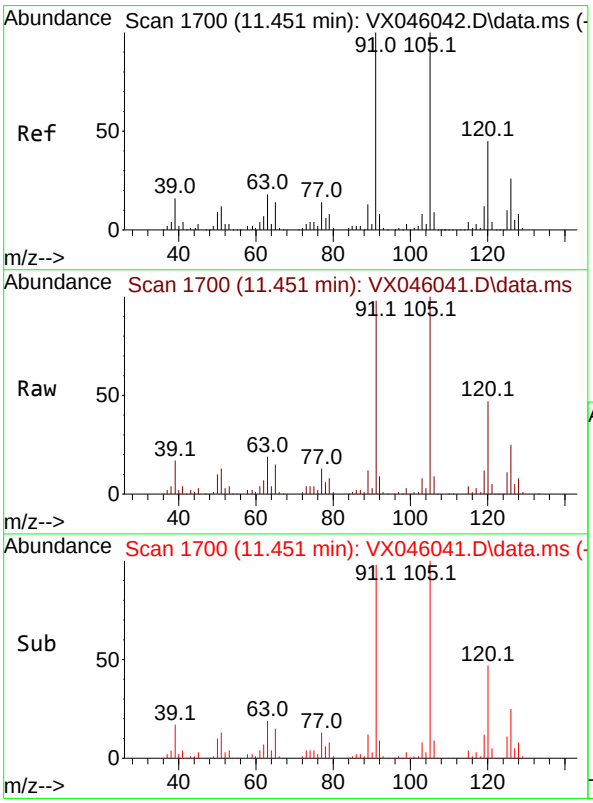
#81
trans-1,4-Dichloro-2-butene
Concen: 13.371 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 8104

Ion	Ratio	Lower	Upper
75	100		
53	138.3	100.5	150.7
89	44.6	37.0	55.6

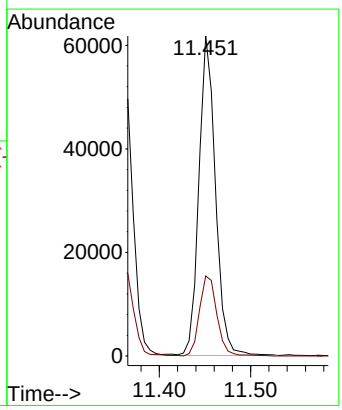


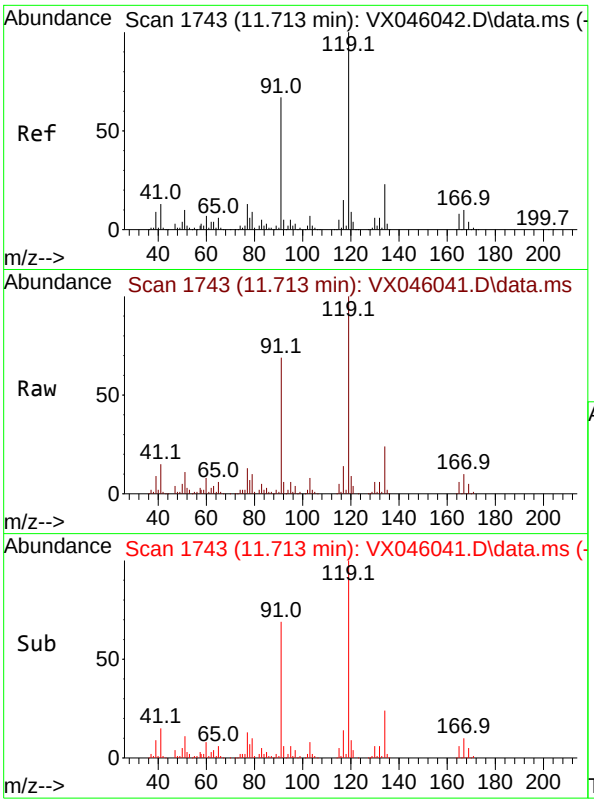


#82
4-Chlorotoluene
Concen: 14.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 91 Resp: 77338

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



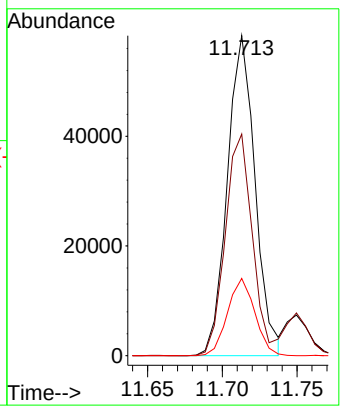


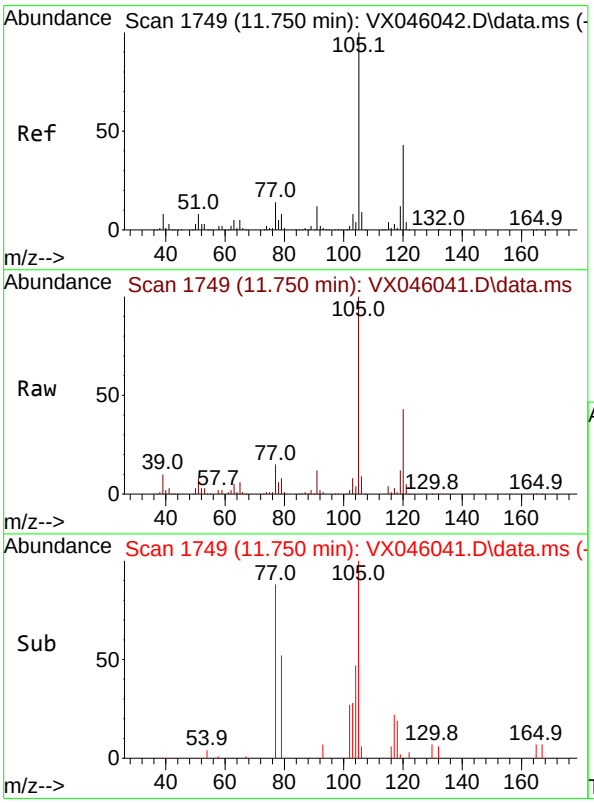
#83
tert-Butylbenzene
Concen: 14.011 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 75382

Ion	Ratio	Lower	Upper
119	100		
91	66.8	32.9	98.7
134	23.7	11.4	34.1

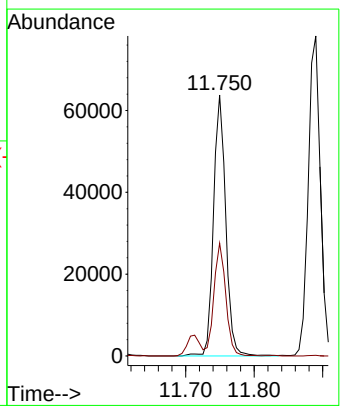


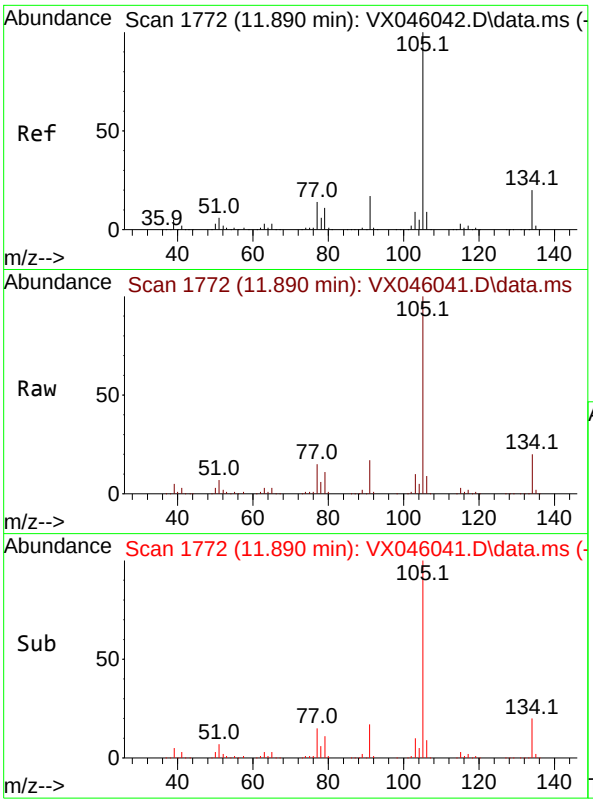


#84
1,2,4-Trimethylbenzene
Concen: 14.480 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:105 Resp: 79232

Ion	Ratio	Lower	Upper
105	100		
120	42.0	21.2	63.6



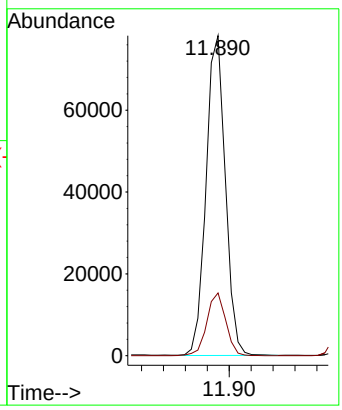


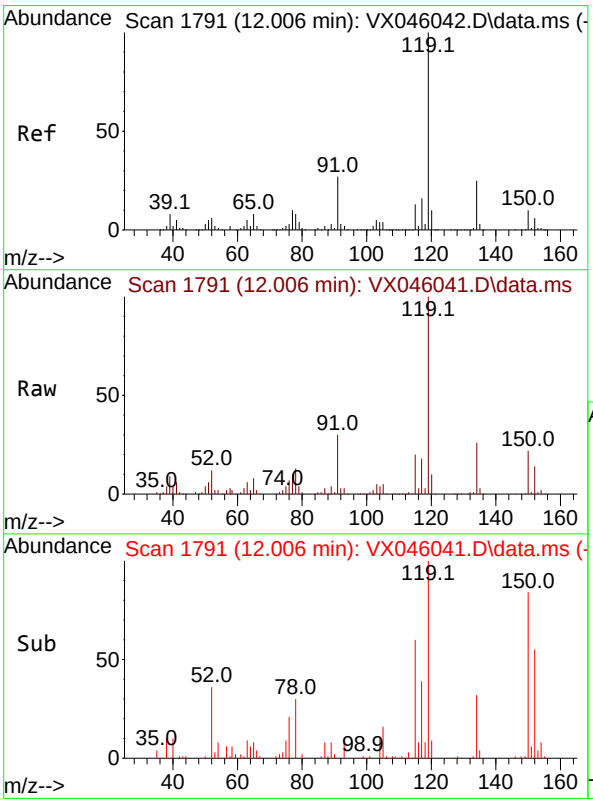
#85
sec-Butylbenzene
Concen: 14.263 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 95271

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

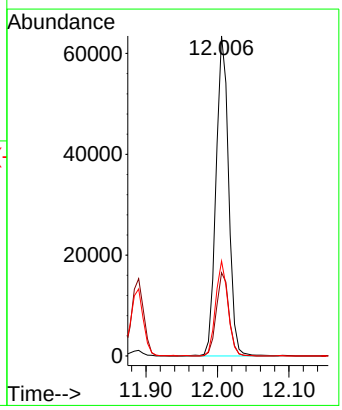


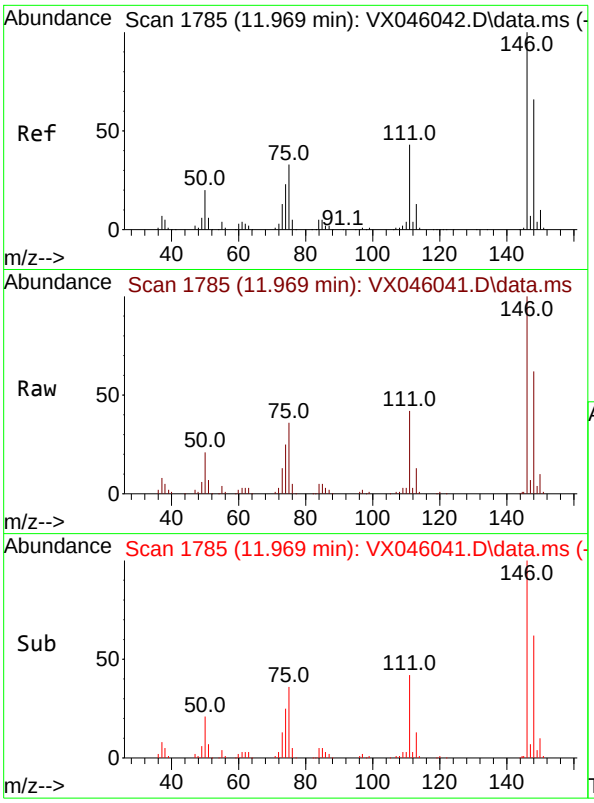


#86
p-Isopropyltoluene
Concen: 14.387 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:119 Resp: 77599

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.5	37.5
91	28.8	13.8	41.4



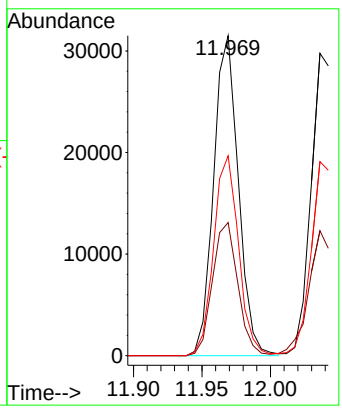


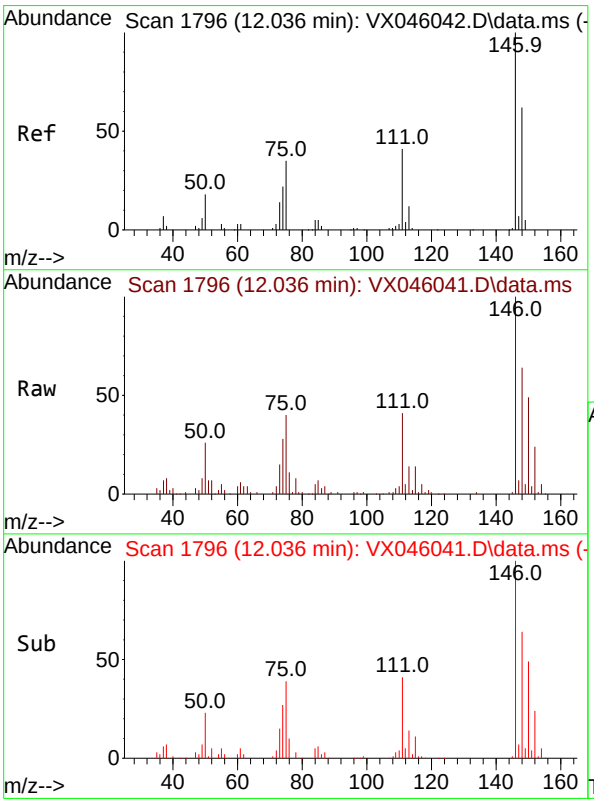
#87
1,3-Dichlorobenzene
Concen: 13.898 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 39520

Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.1	66.3
148	62.9	32.1	96.5

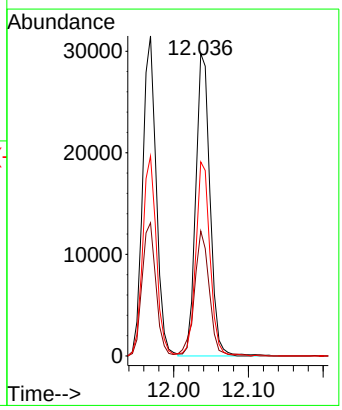


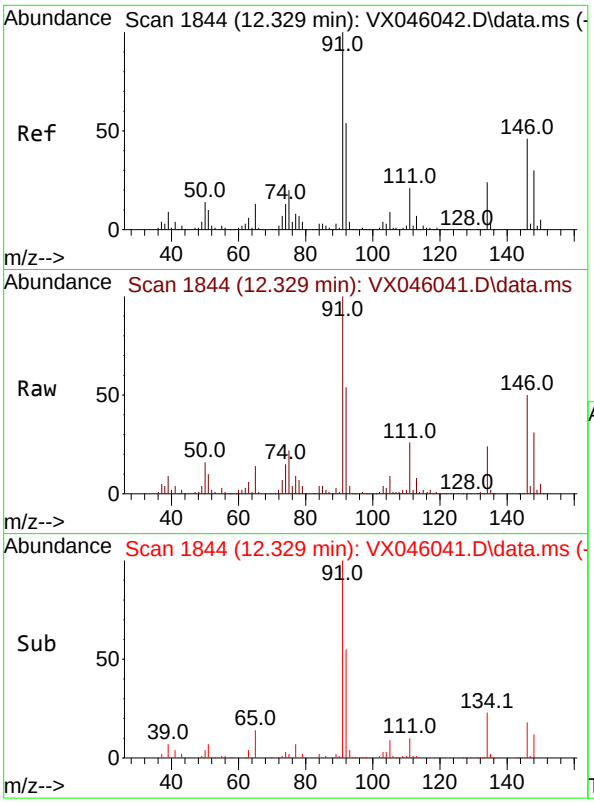


#88
1,4-Dichlorobenzene
Concen: 14.146 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:146 Resp: 39419

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	64.2	31.9	95.5



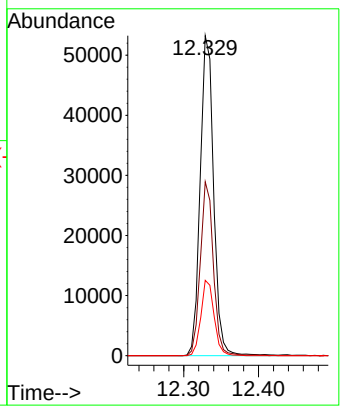


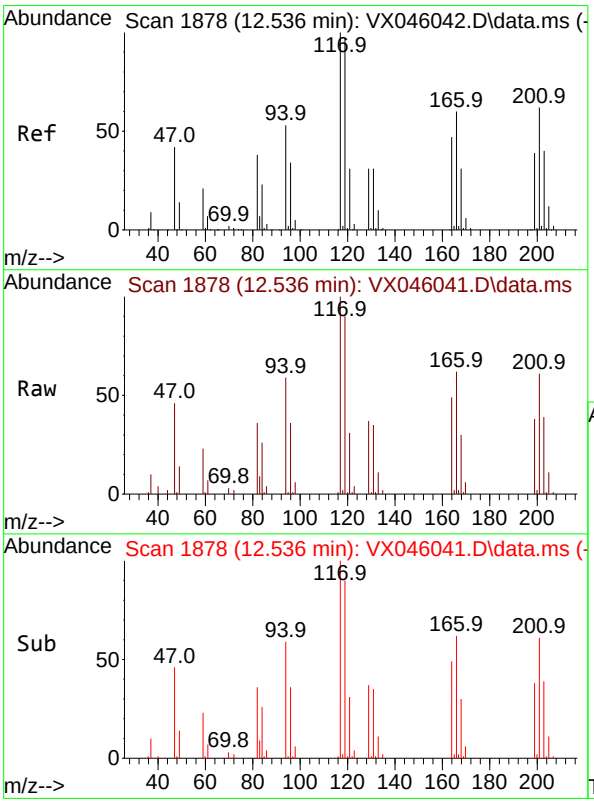
#89
n-Butylbenzene
Concen: 14.184 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 66506

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.7
134	23.1	11.8	35.3

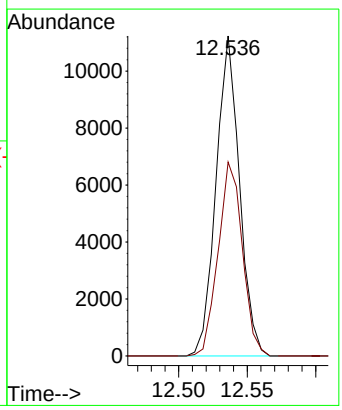


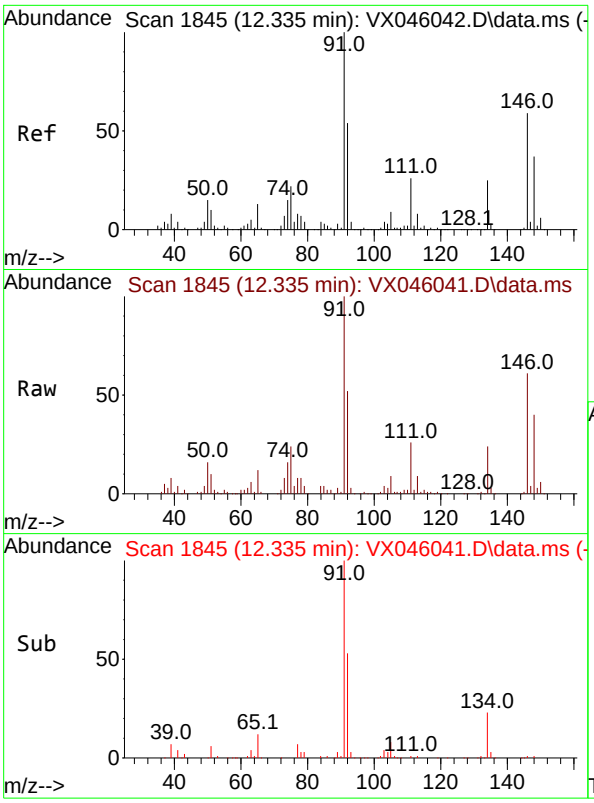


#90
Hexachloroethane
Concen: 13.287 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:117 Resp: 13332

Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.6	94.7



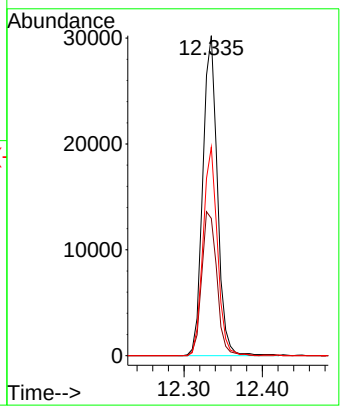


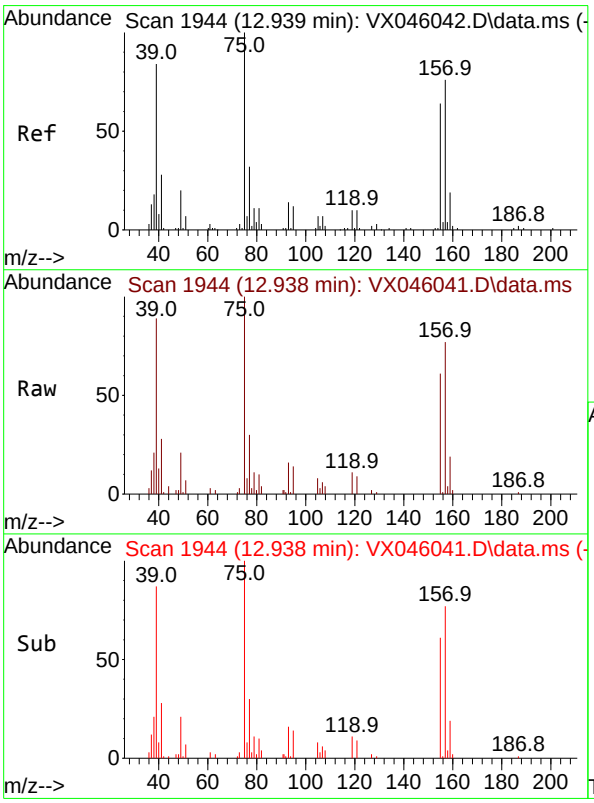
#91
1,2-Dichlorobenzene
Concen: 14.092 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 39031

Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.4	67.3
148	64.2	31.6	94.8

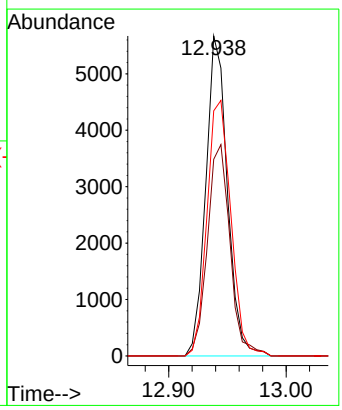


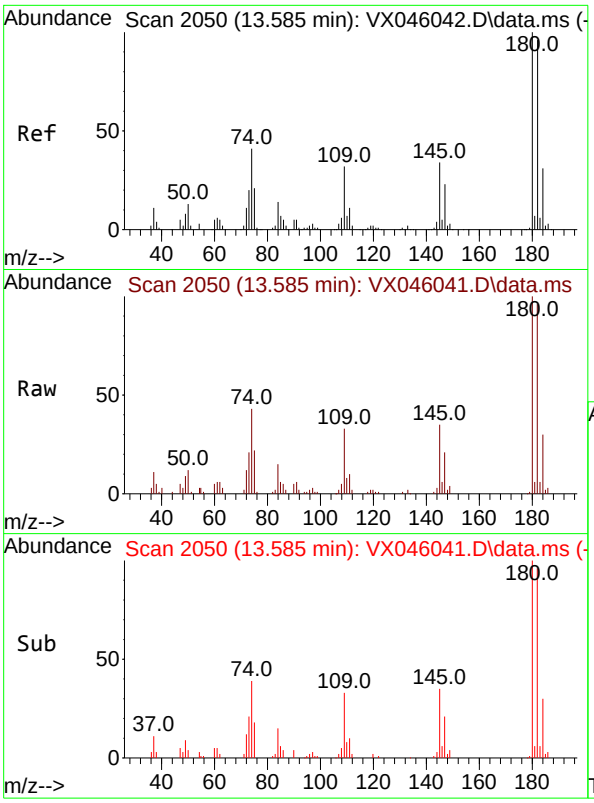


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.535 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 7232

Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.9	104.8
157	88.4	43.8	131.4



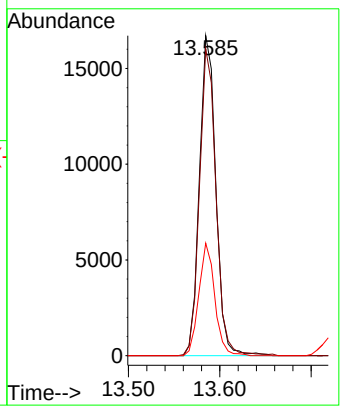


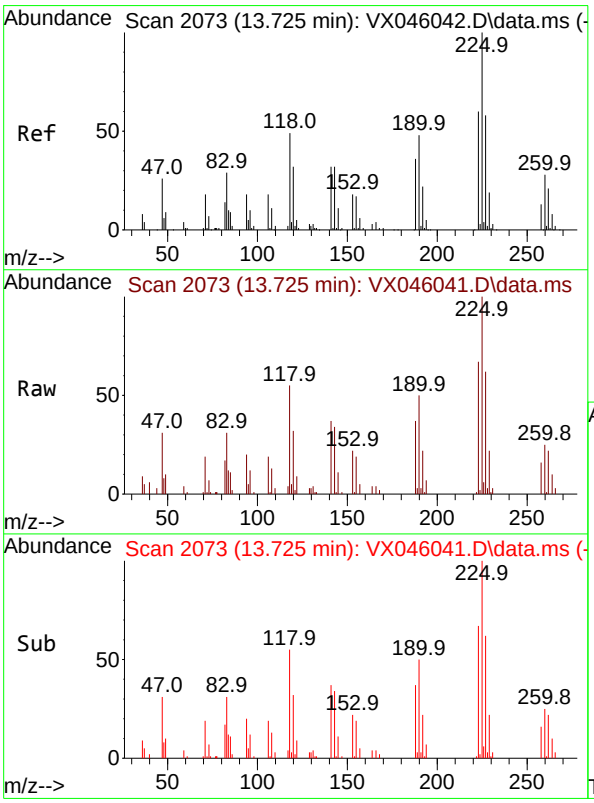
#93
1,2,4-Trichlorobenzene
Concen: 13.745 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 20846

Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.8
145	34.1	17.1	51.2

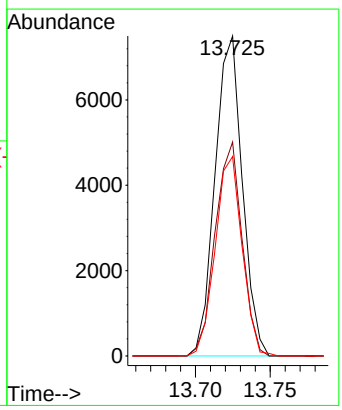


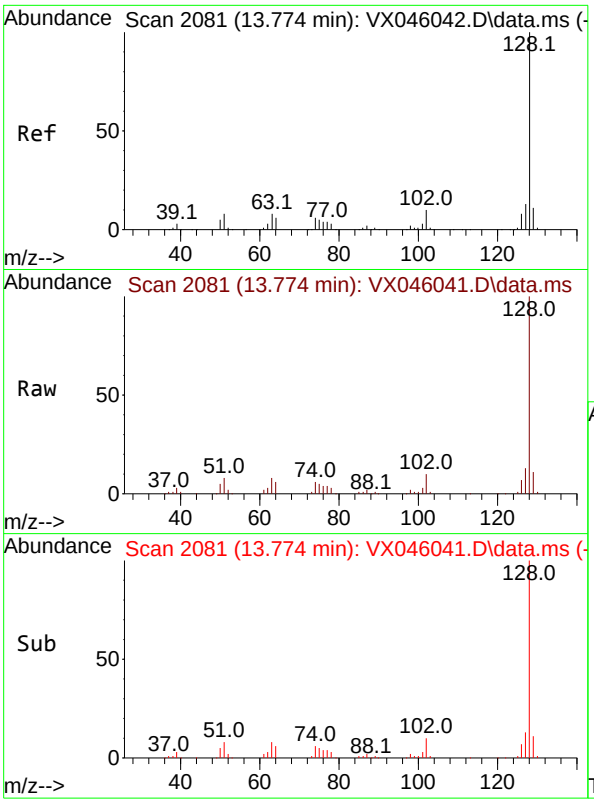


#94
Hexachlorobutadiene
Concen: 13.426 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:225 Resp: 9524

Ion	Ratio	Lower	Upper
225	100		
223	65.6	30.8	92.4
227	61.4	30.9	92.7



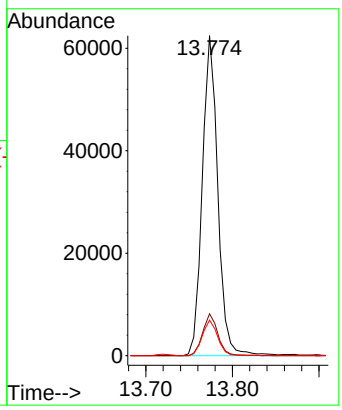


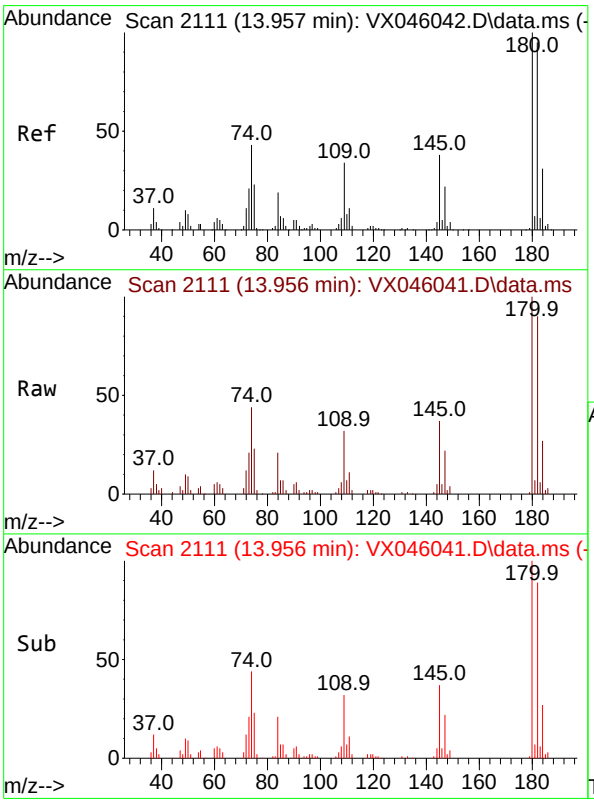
#95
Naphthalene
Concen: 14.040 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 77542

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

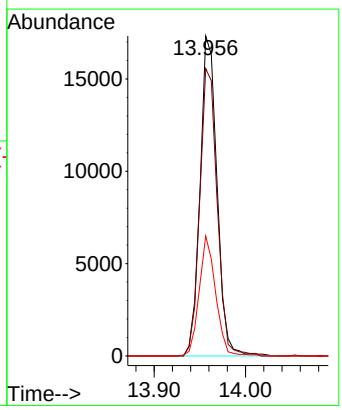




#96
1,2,3-Trichlorobenzene
Concen: 14.023 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:180 Resp: 22301

Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.8	143.3
145	36.5	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	97076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88371	30.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	61.200%#		
35) Dibromofluoromethane	5.379	113	59550	31.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	8.647	98	205479	32.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	64.780%#		
62) 4-Bromofluorobenzene	11.079	95	79012	34.229	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	68.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	83826	39.120	ug/l	100
3) Chloromethane	1.307	50	75238	35.658	ug/l	100
4) Vinyl Chloride	1.374	62	68901	37.273	ug/l	100
5) Bromomethane	1.593	94	31648	33.765	ug/l	100
6) Chloroethane	1.666	64	36722	38.558	ug/l	100
7) Trichlorofluoromethane	1.874	101	103693	36.824	ug/l	100
8) Diethyl Ether	2.136	74	32724	35.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62251	36.997	ug/l	100
10) Methyl Iodide	2.447	142	78277	39.622	ug/l	100
11) Tert butyl alcohol	2.977	59	62557	181.745	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58334	35.610	ug/l	100
13) Acrolein	2.233	56	73927	184.907	ug/l	100
14) Allyl chloride	2.654	41	114445	36.971	ug/l	100
15) Acrylonitrile	3.062	53	188304	182.874	ug/l	100
16) Acetone	2.386	43	175777	177.910	ug/l	100
17) Carbon Disulfide	2.502	76	141281	37.223	ug/l	100
18) Methyl Acetate	2.703	43	82347	34.915	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209665	36.695	ug/l	100
20) Methylene Chloride	2.782	84	66412	33.182	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59234	35.421	ug/l	100
22) Diisopropyl ether	3.757	45	221172	38.241	ug/l	100
23) Vinyl Acetate	3.721	43	994236	194.528	ug/l	100
24) 1,1-Dichloroethane	3.605	63	122601	36.067	ug/l	100
25) 2-Butanone	4.556	43	269224	188.783	ug/l	100
26) 2,2-Dichloropropane	4.465	77	92857	36.059	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71518	35.466	ug/l	100
28) Bromochloromethane	4.898	49	56091	31.031	ug/l	100
29) Tetrahydrofuran	5.001	42	170124	183.679	ug/l	100
30) Chloroform	5.087	83	125850	35.626	ug/l	100
31) Cyclohexane	5.464	56	109459	38.205	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	109781	36.034	ug/l	100
36) 1,1-Dichloropropene	5.684	75	83215	38.073	ug/l	100
37) Ethyl Acetate	4.715	43	102537	37.394	ug/l	100
38) Carbon Tetrachloride	5.672	117	93712	37.320	ug/l	100
39) Methylcyclohexane	7.373	83	107651	39.307	ug/l	100
40) Benzene	6.031	78	247476	36.530	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58082	38.123	ug/l		100
42) 1,2-Dichloroethane	6.080	62	105332	37.605	ug/l		100
43) Isopropyl Acetate	6.336	43	161787	38.598	ug/l		100
44) Trichloroethene	7.123	130	59623	37.230	ug/l		100
45) 1,2-Dichloropropane	7.428	63	62387	37.064	ug/l		100
46) Dibromomethane	7.574	93	48201	36.326	ug/l		100
47) Bromodichloromethane	7.818	83	96916	37.685	ug/l		100
48) Methyl methacrylate	7.690	41	84277	39.157	ug/l		100
49) 1,4-Dioxane	7.659	88	30529	713.477	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	532388	193.653	ug/l		100
52) Toluene	8.714	92	150757	37.530	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	88655	41.056	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	97031	38.521	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	59499	36.648	ug/l		100
56) Ethyl methacrylate	9.116	69	99947	39.726	ug/l		100
57) 1,3-Dichloropropane	9.305	76	104606	36.347	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	257678	227.902	ug/l		100
59) 2-Hexanone	9.427	43	396784	190.168	ug/l		100
60) Dibromochloromethane	9.519	129	67198	38.027	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62633	37.567	ug/l		100
64) Tetrachloroethene	9.269	164	54853	36.726	ug/l		100
65) Chlorobenzene	10.079	112	160600	35.686	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57066	38.017	ug/l		100
67) Ethyl Benzene	10.189	91	295712	38.543	ug/l		100
68) m/p-Xylenes	10.299	106	216578	78.142	ug/l		100
69) o-Xylene	10.640	106	106335	38.064	ug/l		100
70) Styrene	10.653	104	178313	39.888	ug/l		100
71) Bromoform	10.799	173	44486	39.457	ug/l	#	100
73) Isopropylbenzene	10.957	105	280719	37.865	ug/l		100
74) N-amyl acetate	10.842	43	140509	38.012	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90975	34.495	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	102335	36.110	ug/l		86
77) Bromobenzene	11.195	156	63053	36.763	ug/l		100
78) n-propylbenzene	11.299	91	329981	39.707	ug/l		100
79) 2-Chlorotoluene	11.360	91	203509	36.336	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	237066	38.516	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	26179	38.445	ug/l		100
82) 4-Chlorotoluene	11.451	91	233172	37.880	ug/l		100
83) tert-Butylbenzene	11.713	119	233468	38.622	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	239433	38.946	ug/l		100
85) sec-Butylbenzene	11.890	105	291074	38.786	ug/l		100
86) p-Isopropyltoluene	12.006	119	241658	39.879	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	115651	36.199	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115097	36.763	ug/l		100
89) n-Butylbenzene	12.329	91	213899	40.603	ug/l		100
90) Hexachloroethane	12.536	117	42314	37.534	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115286	37.047	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21909	36.496	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	66655	39.117	ug/l		100
94) Hexachlorobutadiene	13.725	225	29007	36.395	ug/l		100
95) Naphthalene	13.774	128	245568	39.575	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	69262	38.765	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

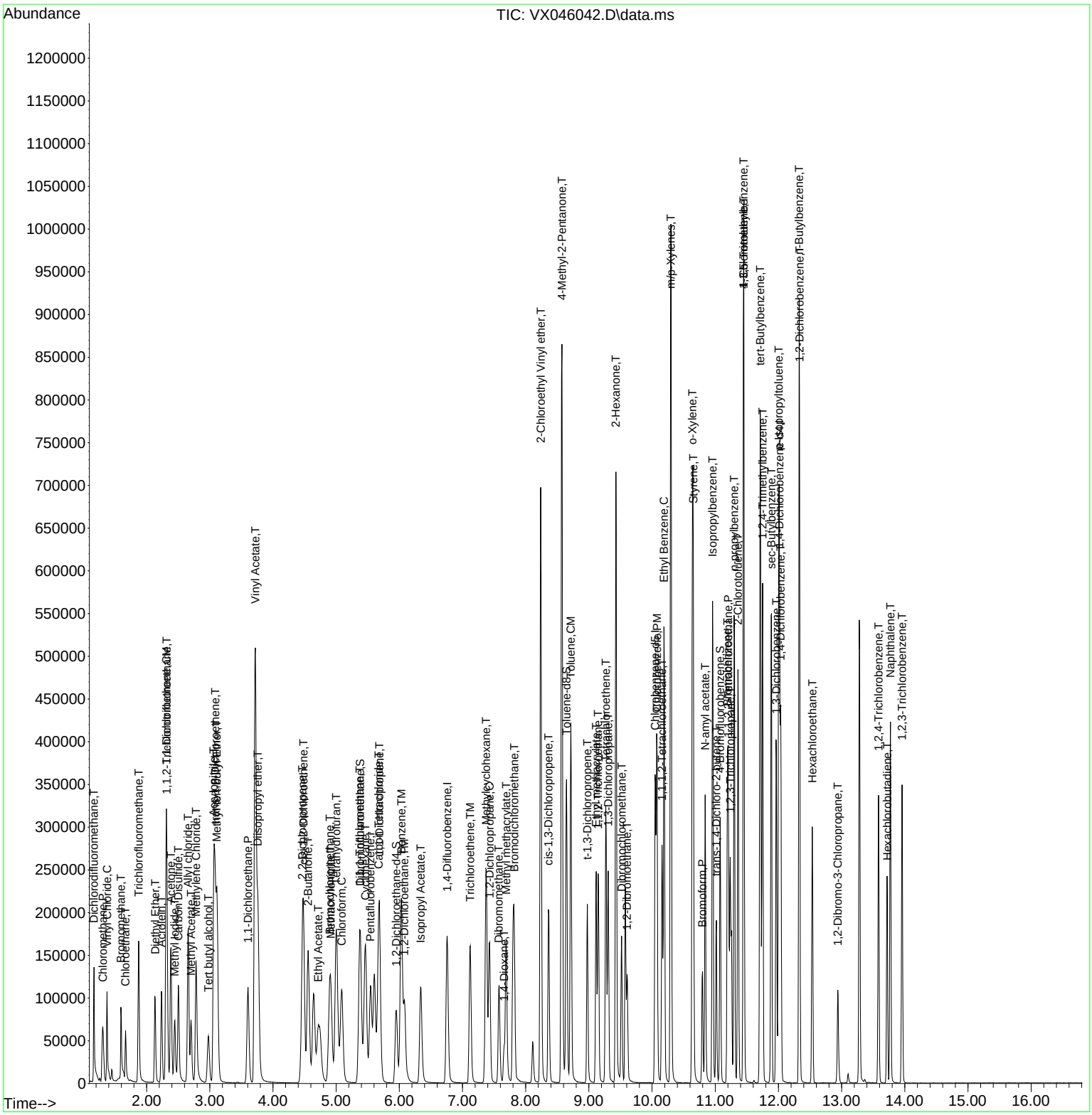
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

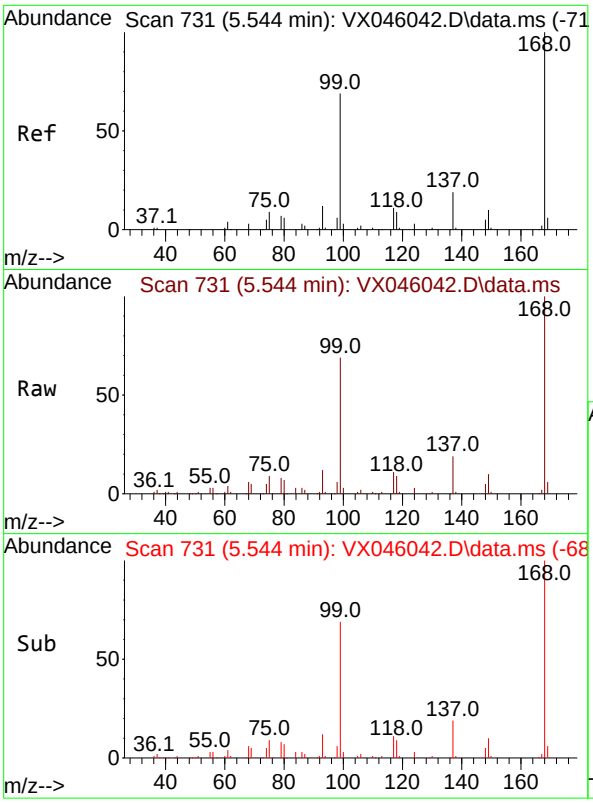
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



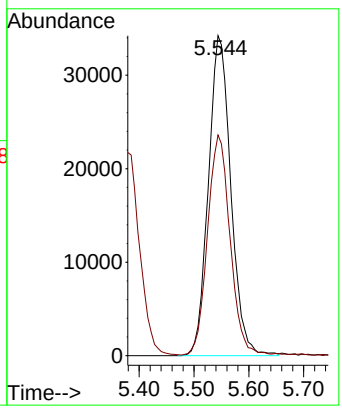


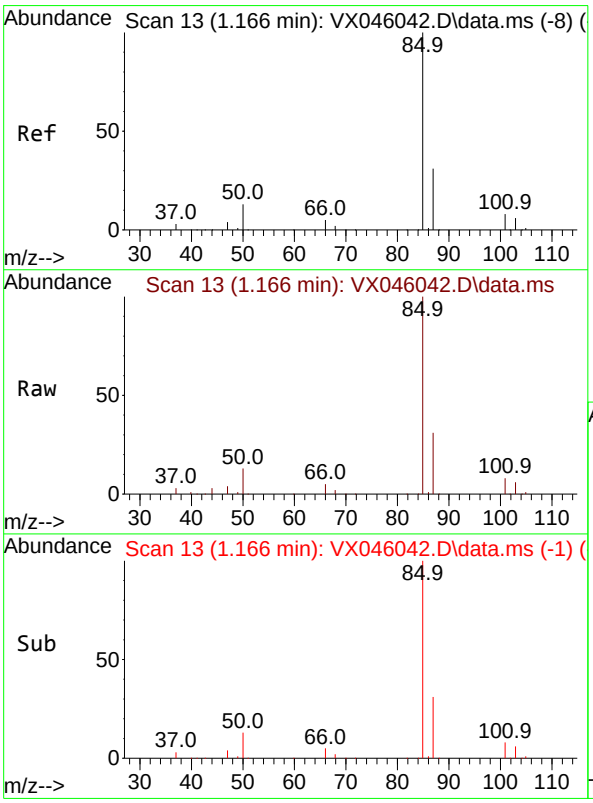
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 97076

Ion	Ratio	Lower	Upper
168	100		
99	68.6	54.9	82.3

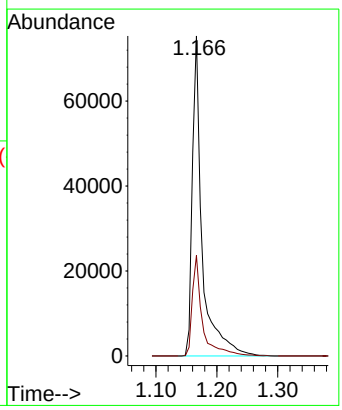


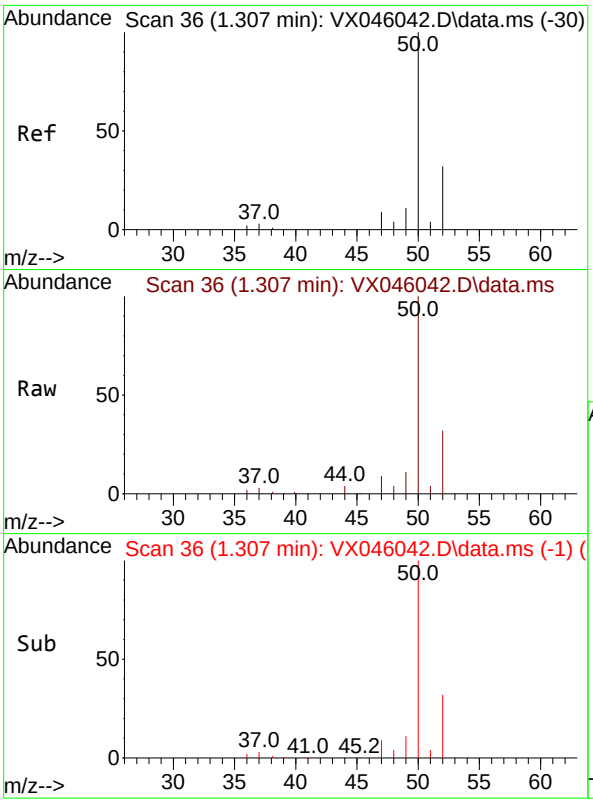


#2
Dichlorodifluoromethane
Concen: 39.120 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 85 Resp: 83826

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.7	47.1



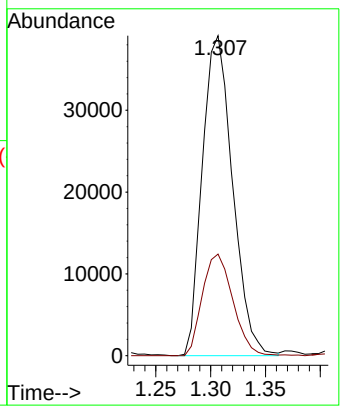


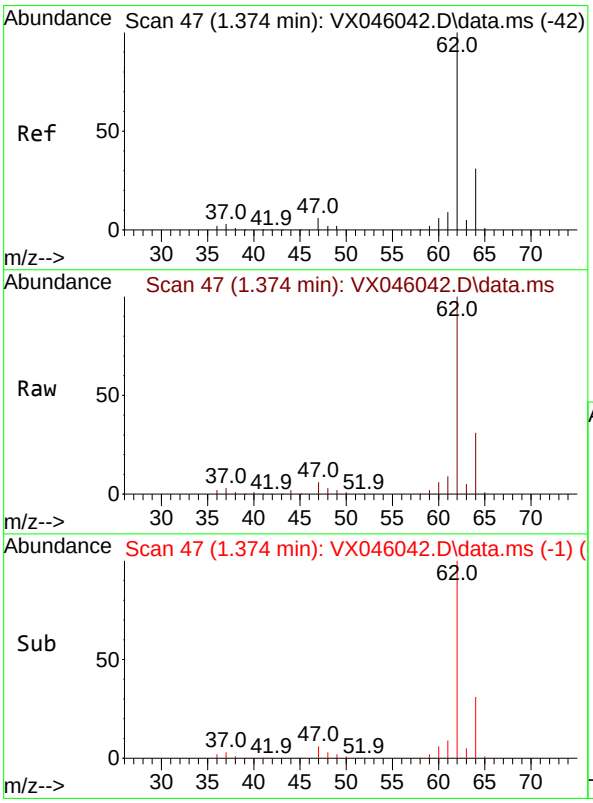
#3
Chloromethane
Concen: 35.658 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 75238

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2

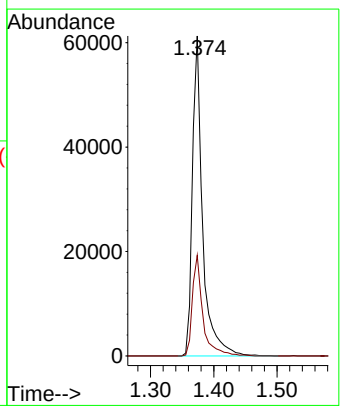


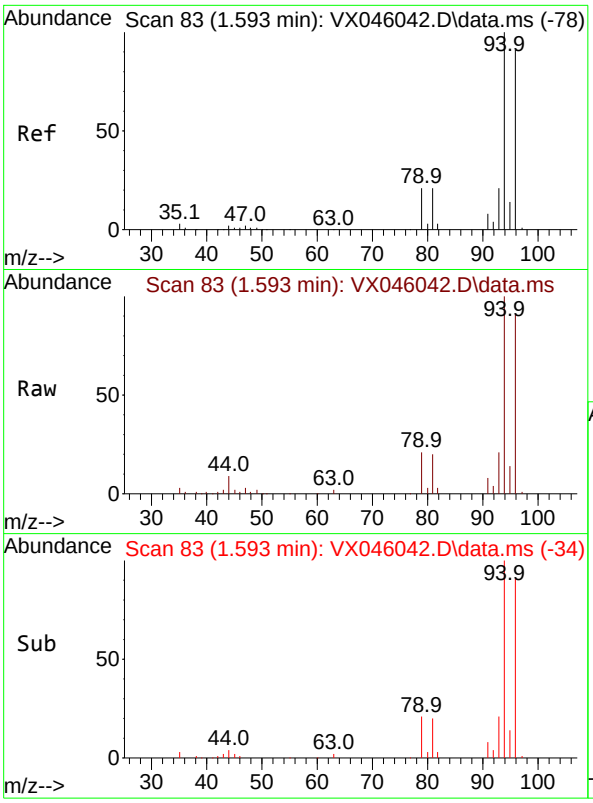


#4
Vinyl Chloride
Concen: 37.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 62 Resp: 68901

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.2	37.8



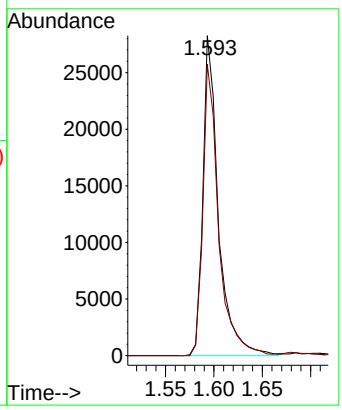


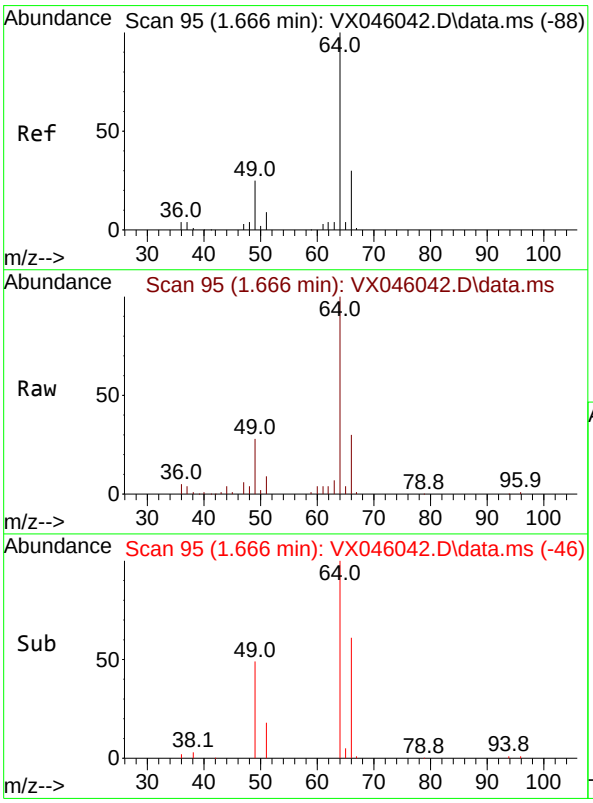
#5
Bromomethane
Concen: 33.765 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 31648

Ion	Ratio	Lower	Upper
94	100		
96	91.0	72.8	109.2

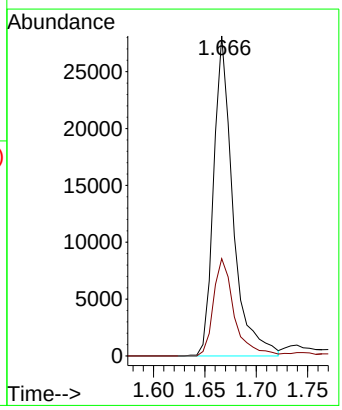


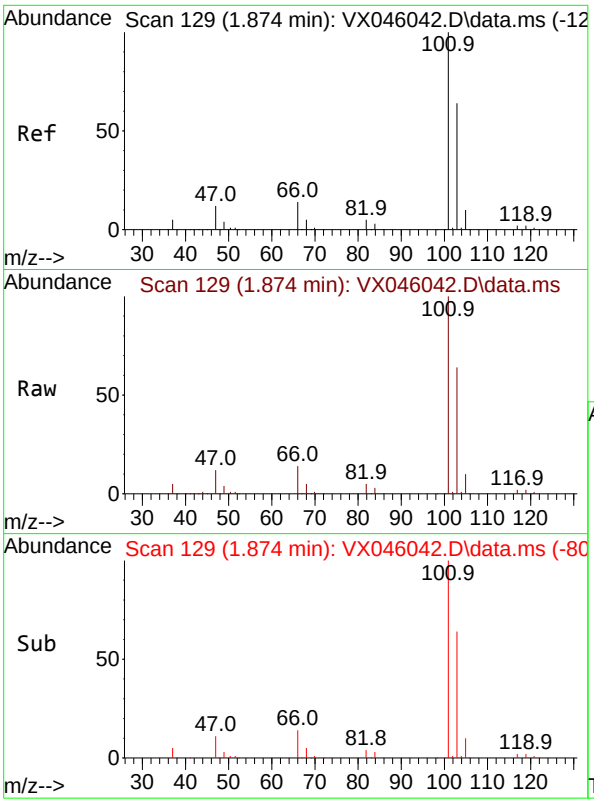


#6
Chloroethane
Concen: 38.558 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 64 Resp: 36722

Ion	Ratio	Lower	Upper
64	100		
66	30.4	24.3	36.5



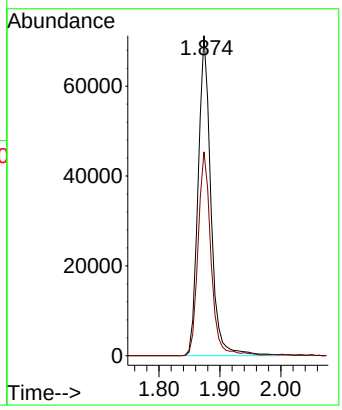


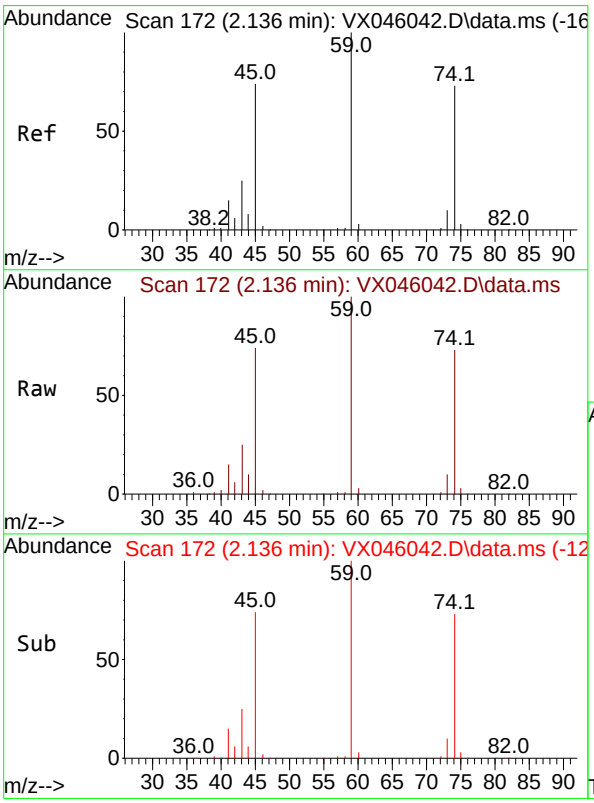
#7
Trichlorofluoromethane
Concen: 36.824 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 103693

Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.0	76.4

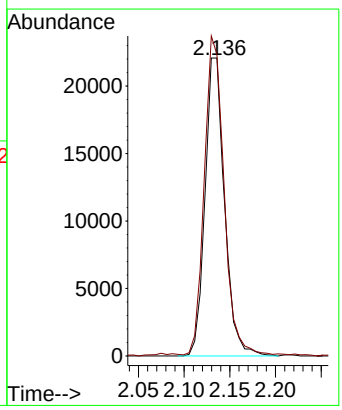


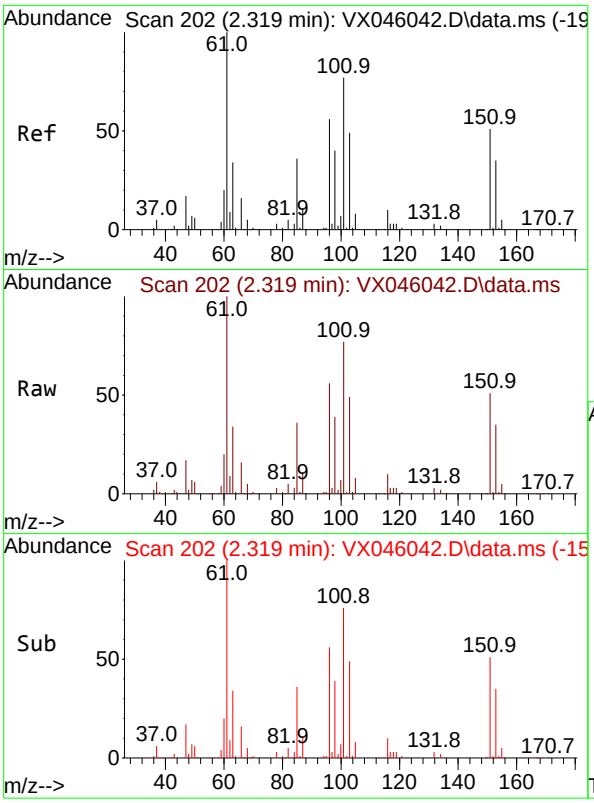


#8
Diethyl Ether
Concen: 35.350 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 74 Resp: 32724

Ion	Ratio	Lower	Upper
74	100		
45	109.9	54.9	164.8



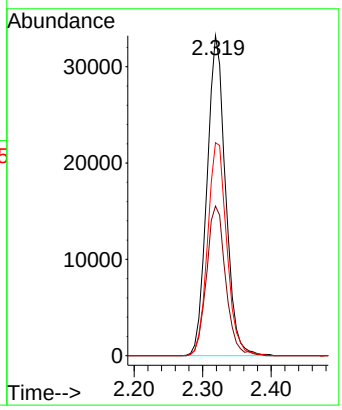


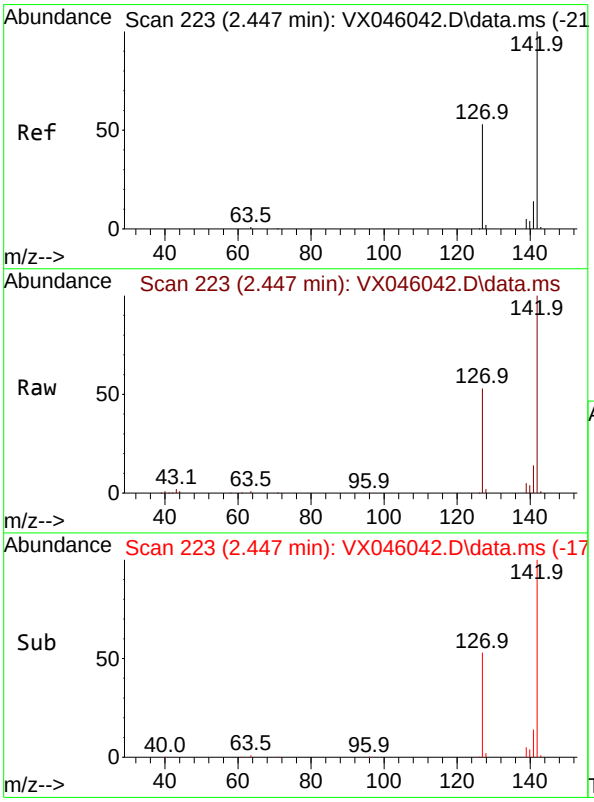
#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.997 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 62251

Ion	Ratio	Lower	Upper
101	100		
85	48.3	38.6	58.0
151	69.0	55.2	82.8

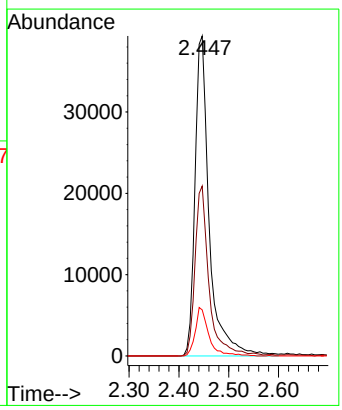


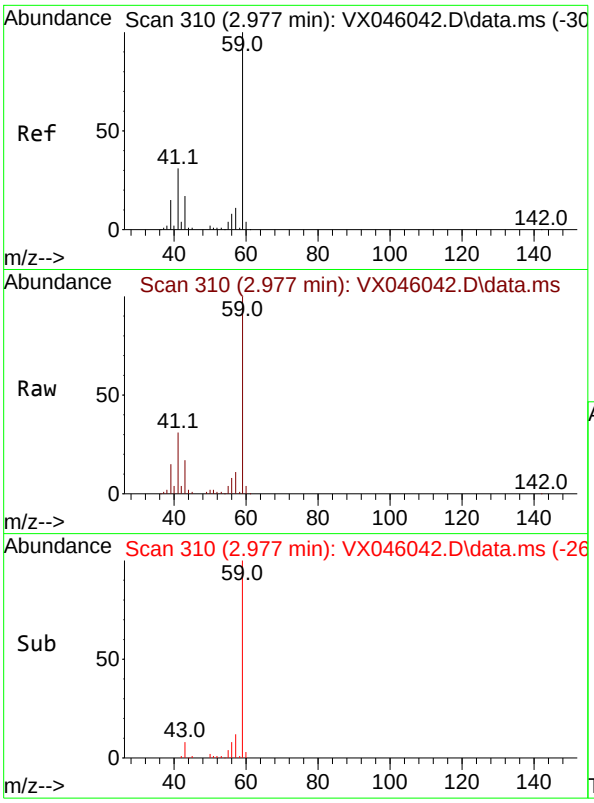


#10
Methyl Iodide
Concen: 39.622 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:142 Resp: 78277

Ion	Ratio	Lower	Upper
142	100		
127	52.1	41.7	62.5
141	14.4	11.5	17.3



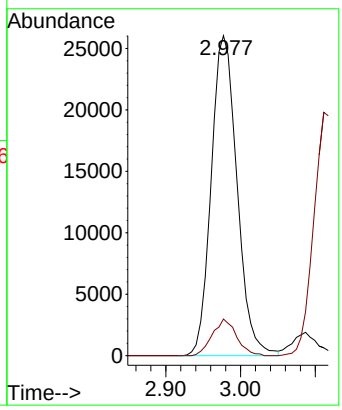


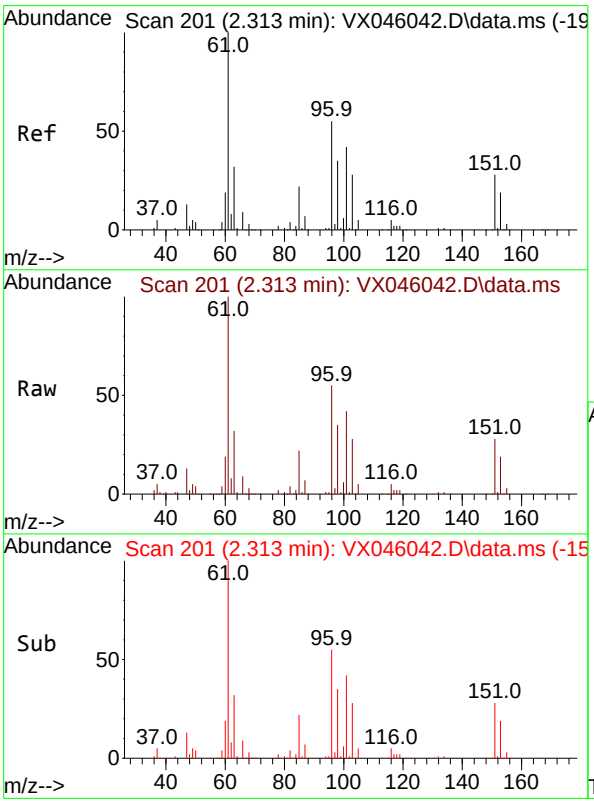
#11
Tert butyl alcohol
Concen: 181.745 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 62557

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

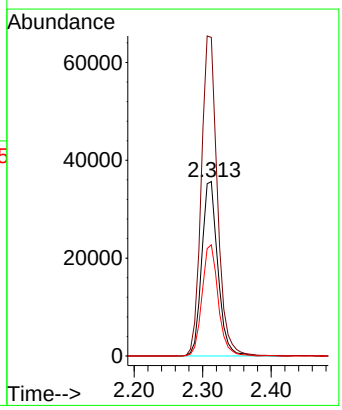


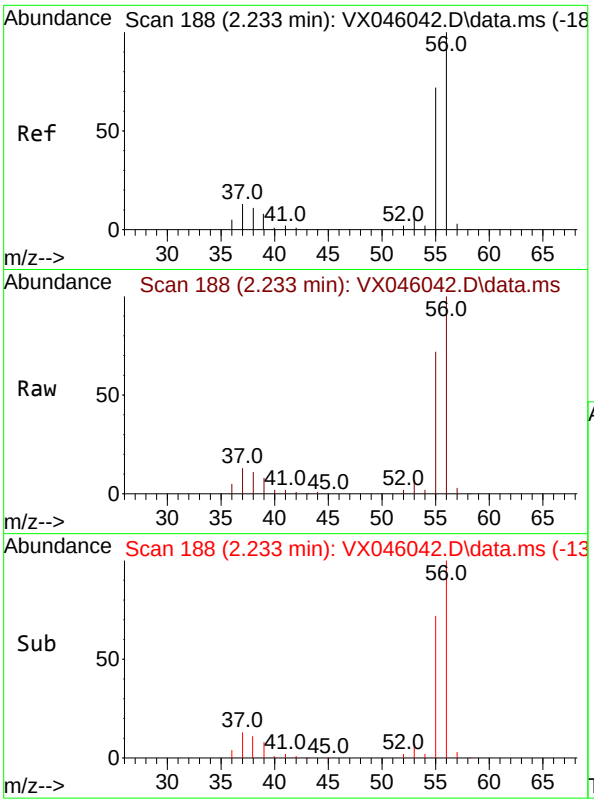


#12
1,1-Dichloroethene
Concen: 35.610 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 96 Resp: 58334

Ion	Ratio	Lower	Upper
96	100		
61	182.7	146.2	219.2
98	63.8	51.0	76.6



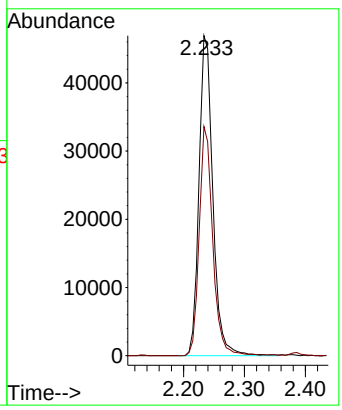


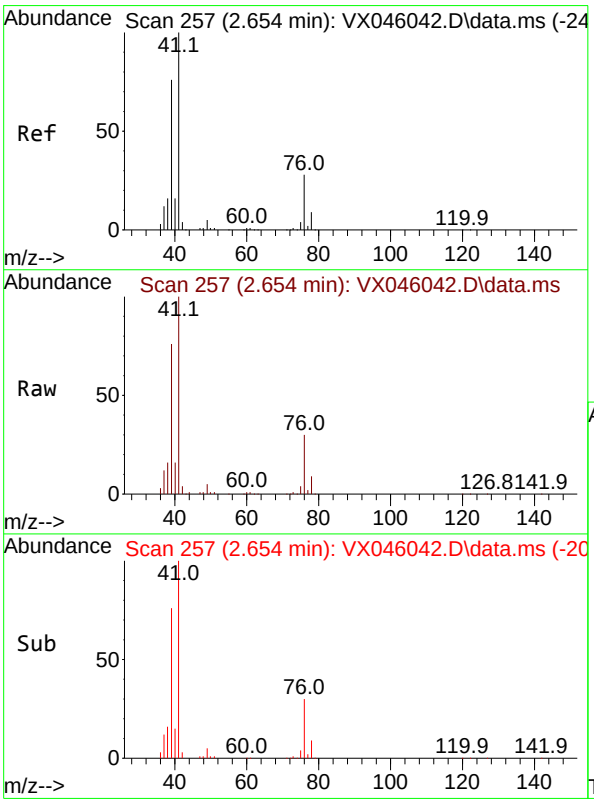
#13
Acrolein
Concen: 184.907 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 73927

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.4

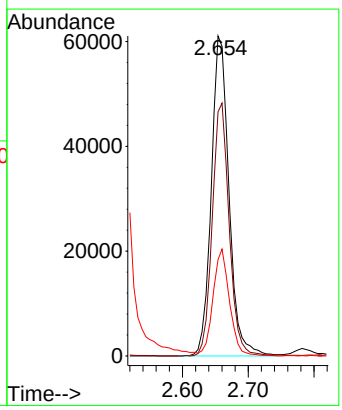


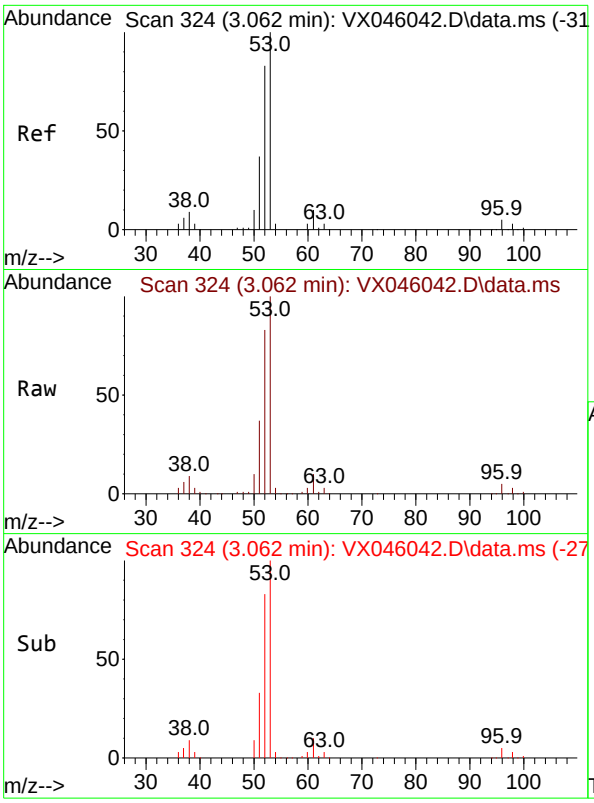


#14
Allyl chloride
Concen: 36.971 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 114445

Ion	Ratio	Lower	Upper
41	100		
39	75.7	60.6	90.8
76	31.1	24.9	37.3



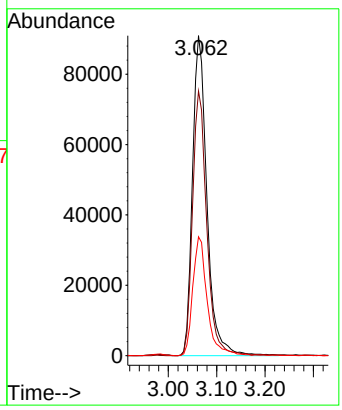


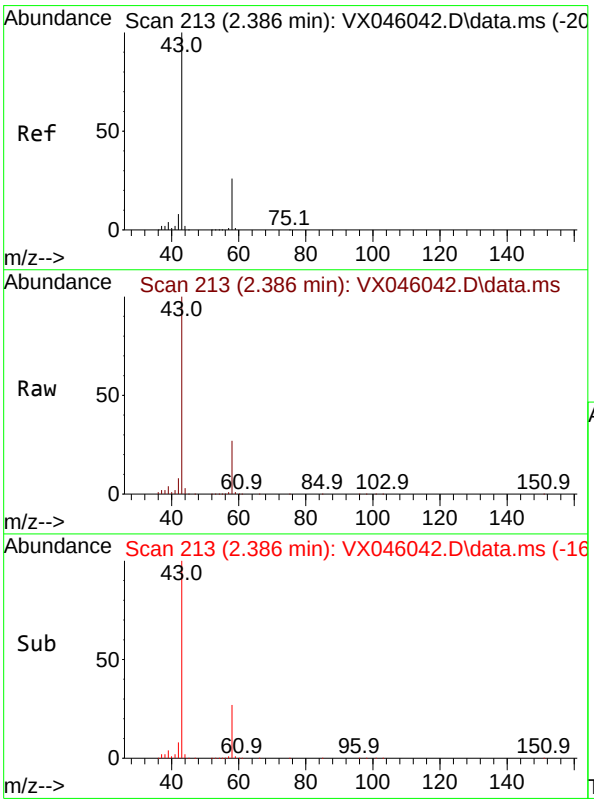
#15
Acrylonitrile
Concen: 182.874 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 188304

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	37.3	29.8	44.8

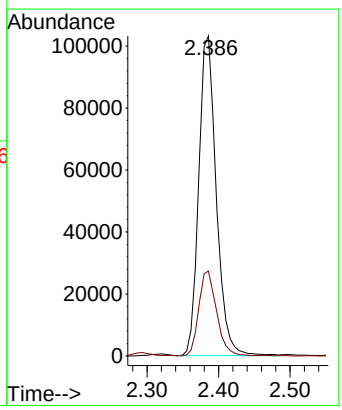


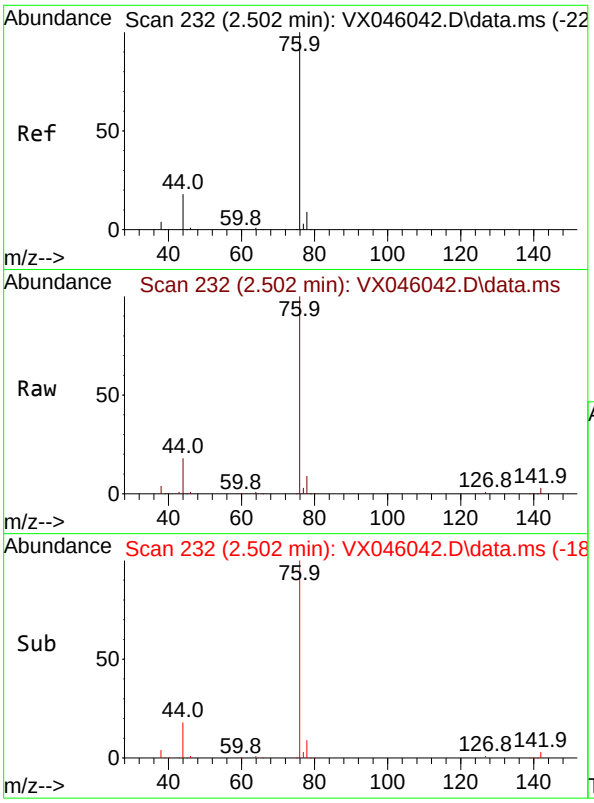


#16
Acetone
Concen: 177.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 175777

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.2	31.8



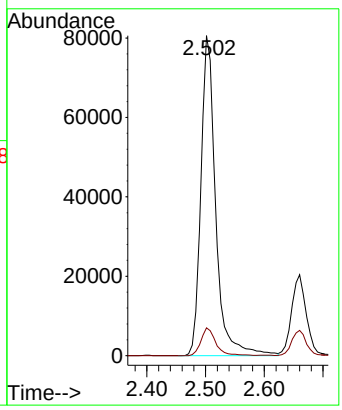


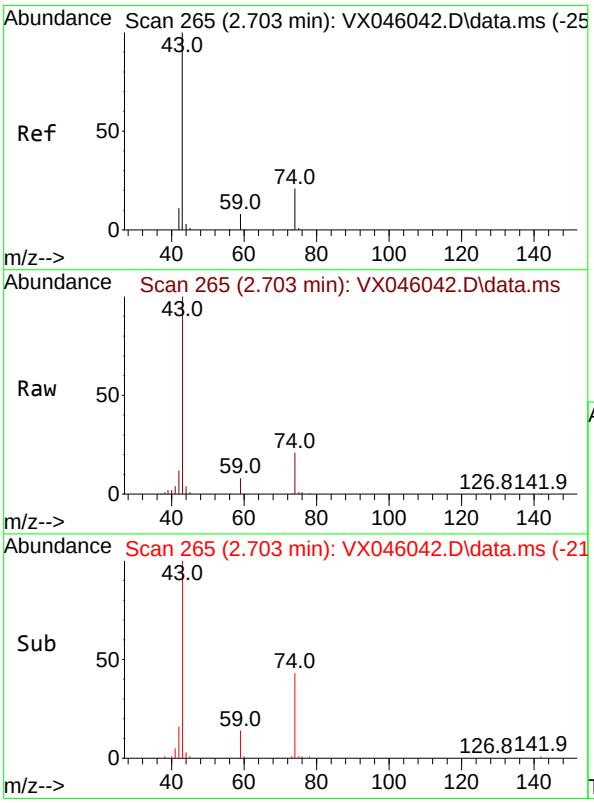
#17
Carbon Disulfide
Concen: 37.223 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 141281

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

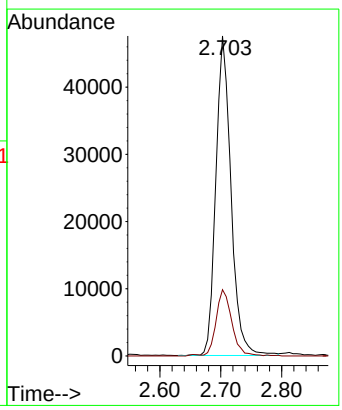


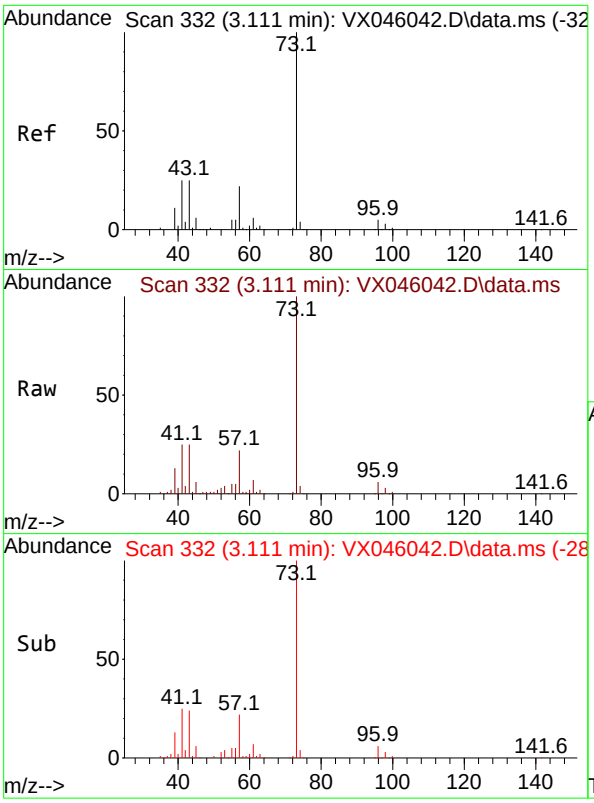


#18
Methyl Acetate
Concen: 34.915 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 82347

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1



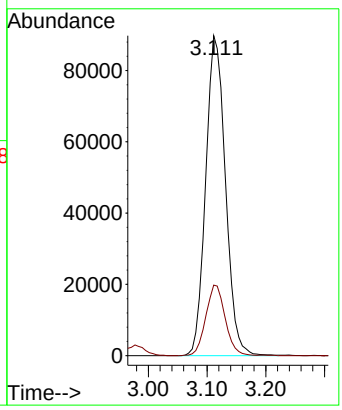


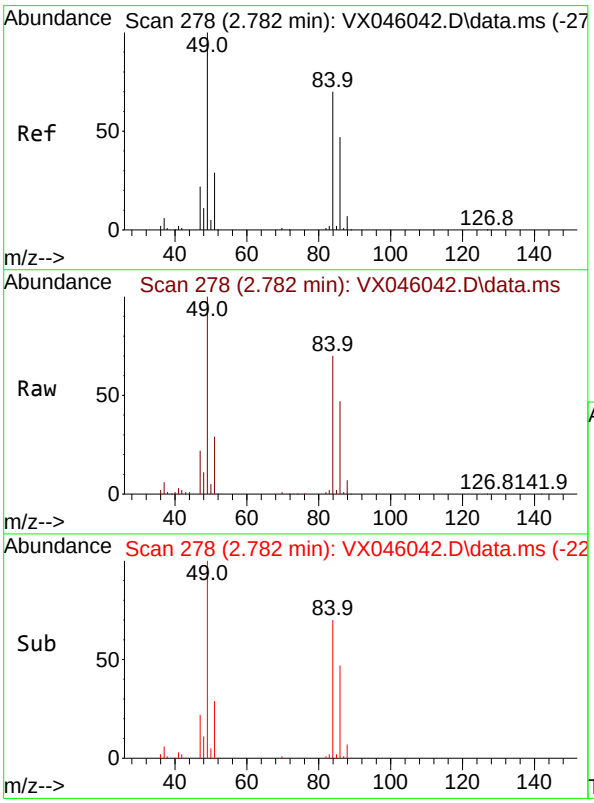
#19
Methyl tert-butyl Ether
Concen: 36.695 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 209665

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

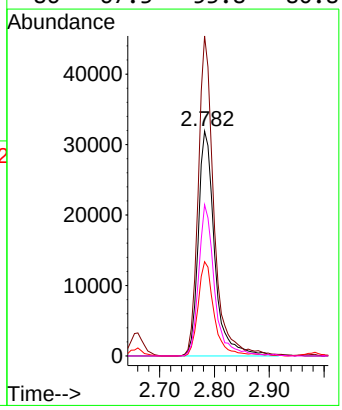


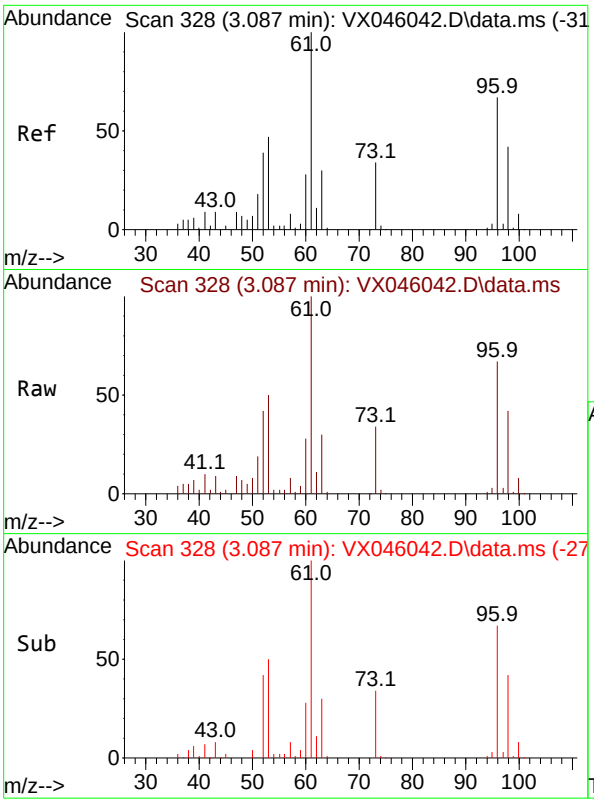


#20
Methylene Chloride
Concen: 33.182 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 84 Resp: 66412

Ion	Ratio	Lower	Upper
84	100		
49	142.4	113.9	170.9
51	41.9	33.5	50.3
86	67.3	53.8	80.8



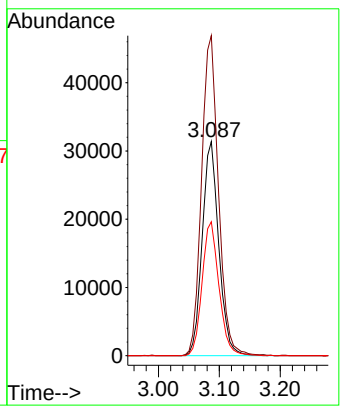


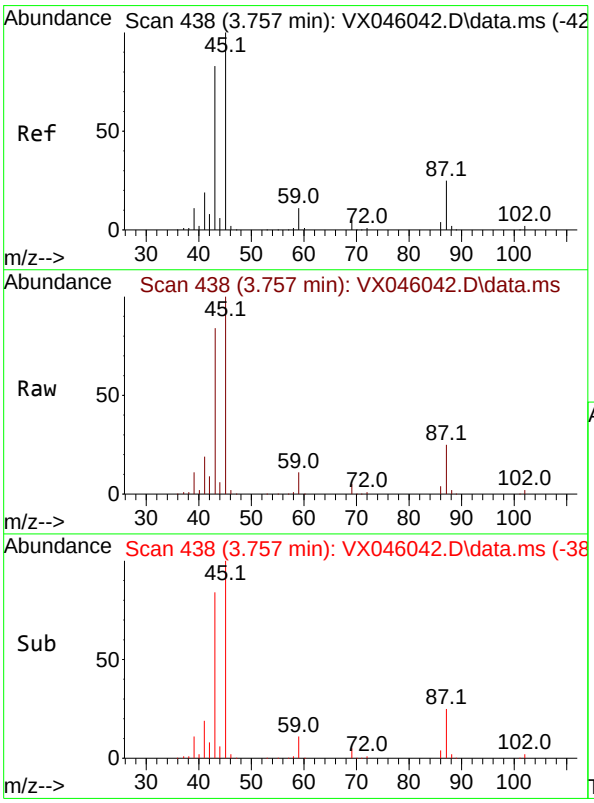
#21
trans-1,2-Dichloroethene
Concen: 35.421 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 59234

Ion	Ratio	Lower	Upper
96	100		
61	149.4	119.5	179.3
98	62.5	50.0	75.0

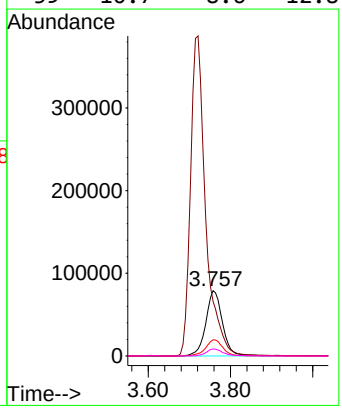


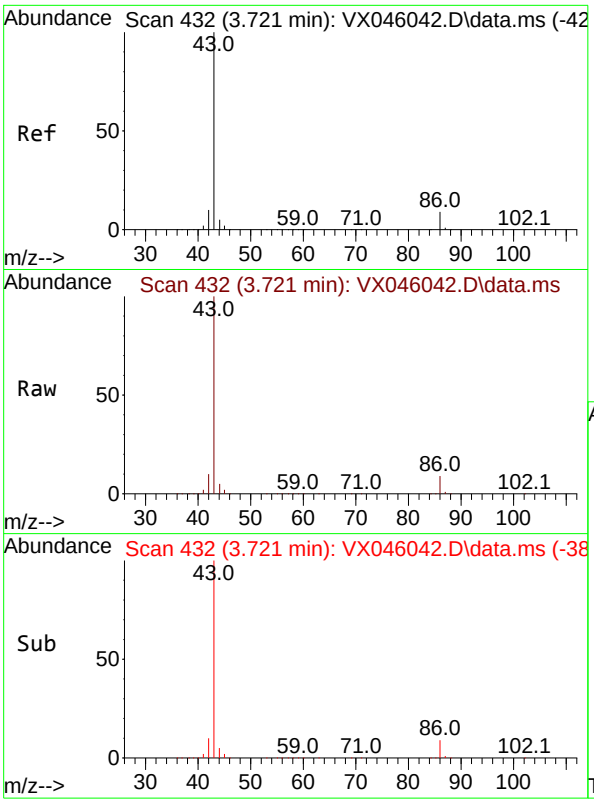


#22
Diisopropyl ether
Concen: 38.241 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 45 Resp: 221172

Ion	Ratio	Lower	Upper
45	100		
43	83.3	66.6	100.0
87	24.7	19.8	29.6
59	10.7	8.6	12.8



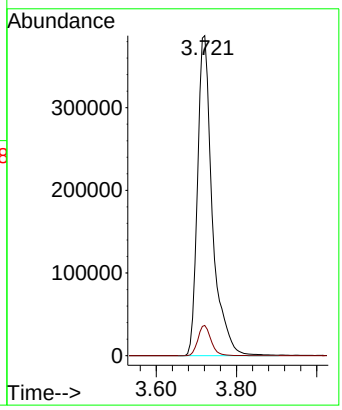


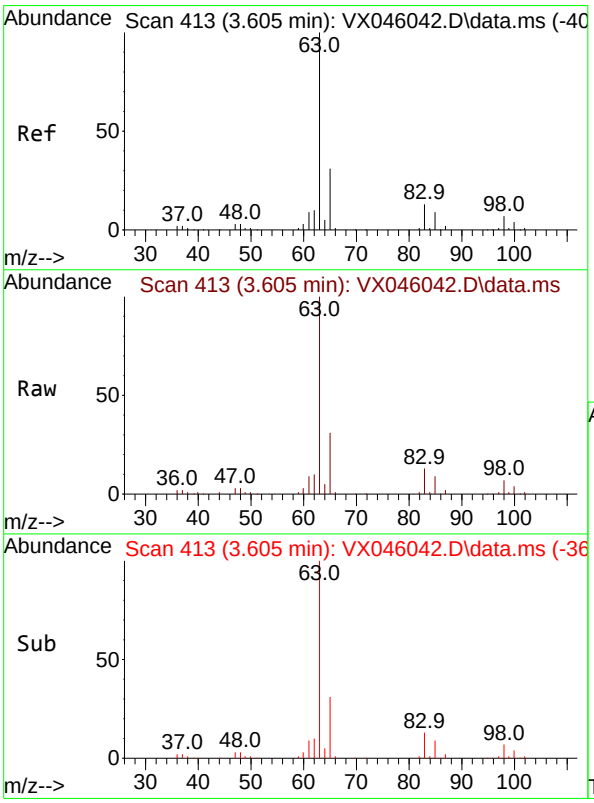
#23
Vinyl Acetate
Concen: 194.528 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 994236

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

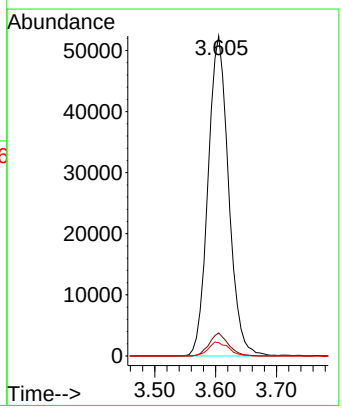


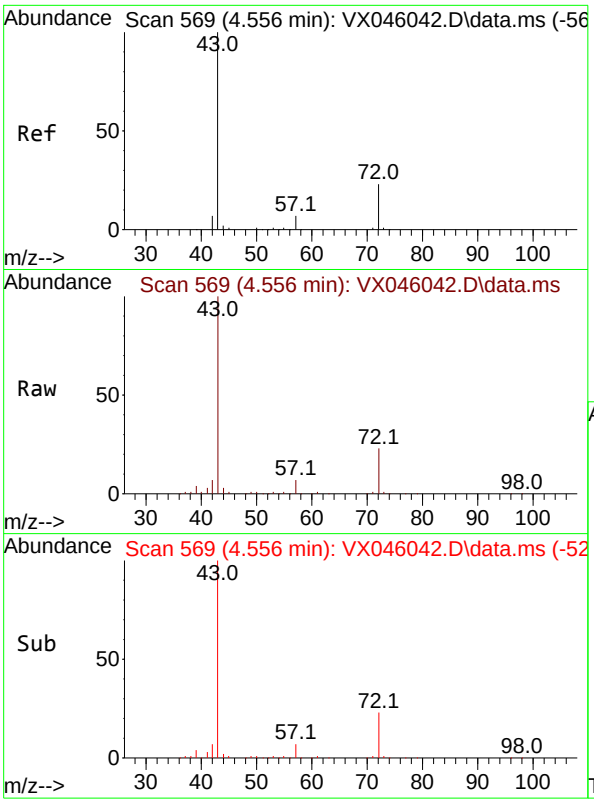


#24
1,1-Dichloroethane
Concen: 36.067 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 63 Resp: 122601

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	4.2	2.1	6.3



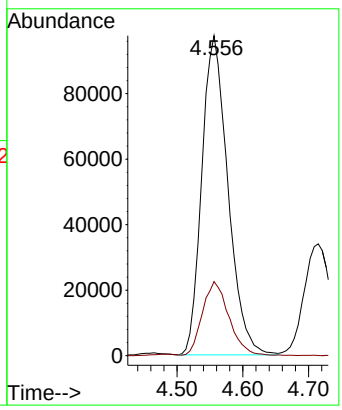


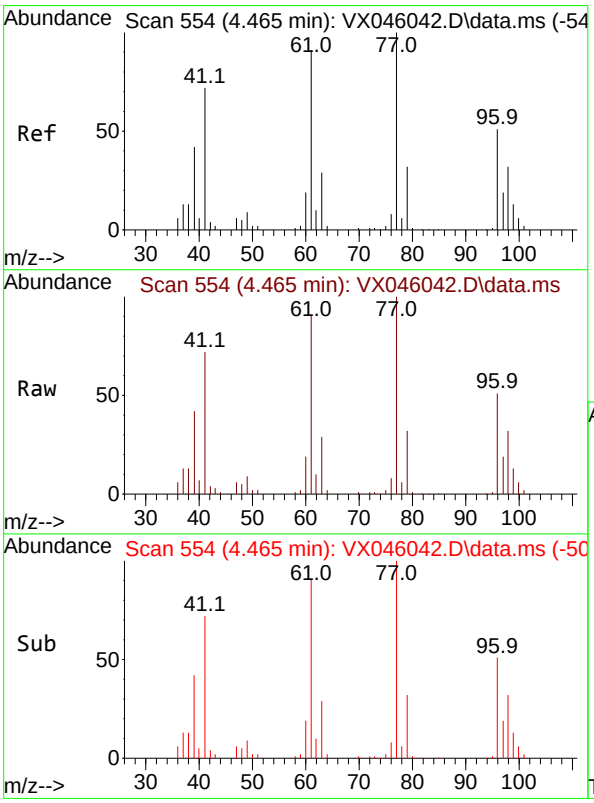
#25
2-Butanone
Concen: 188.783 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 269224

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6

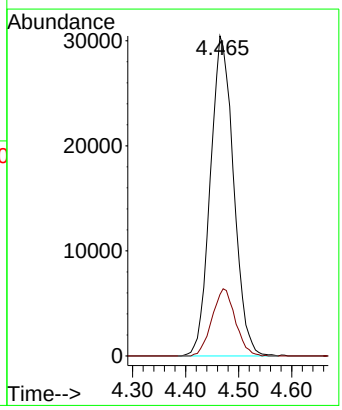


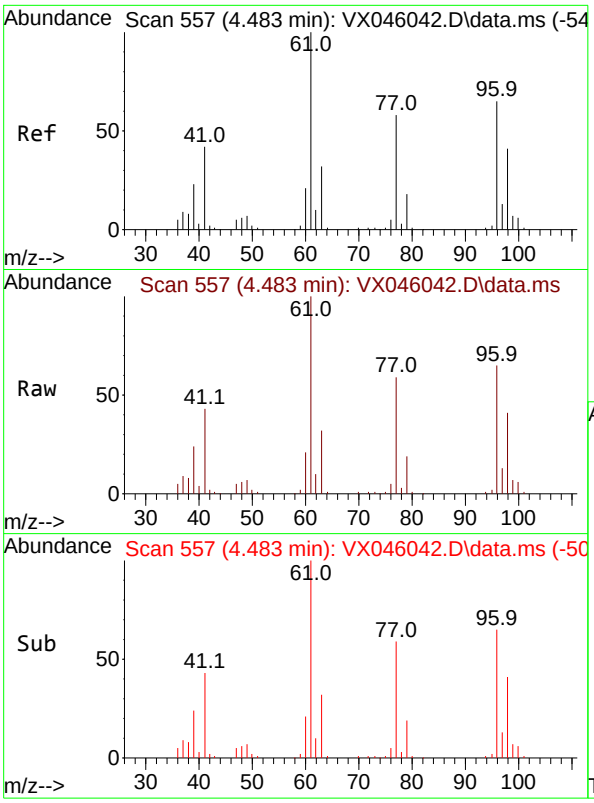


#26
2,2-Dichloropropane
Concen: 36.059 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 77 Resp: 92857

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.5	31.5



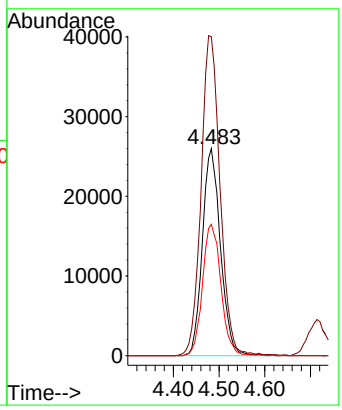


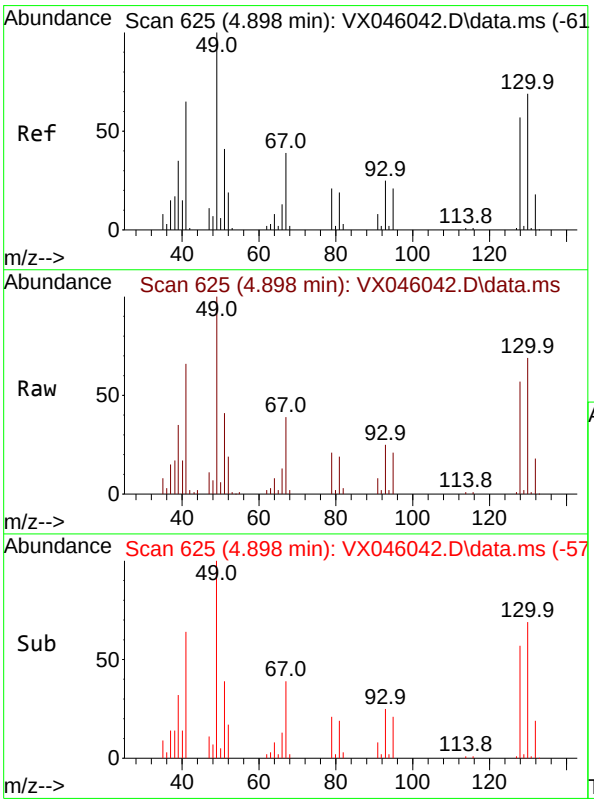
#27
cis-1,2-Dichloroethene
Concen: 35.466 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 71518

Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	322.8
98	64.5	0.0	129.0

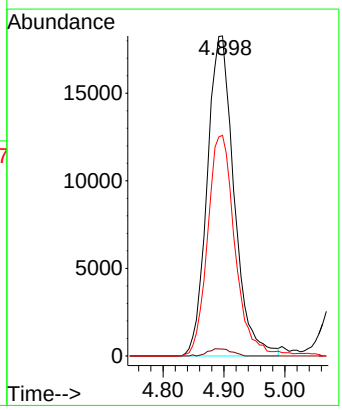


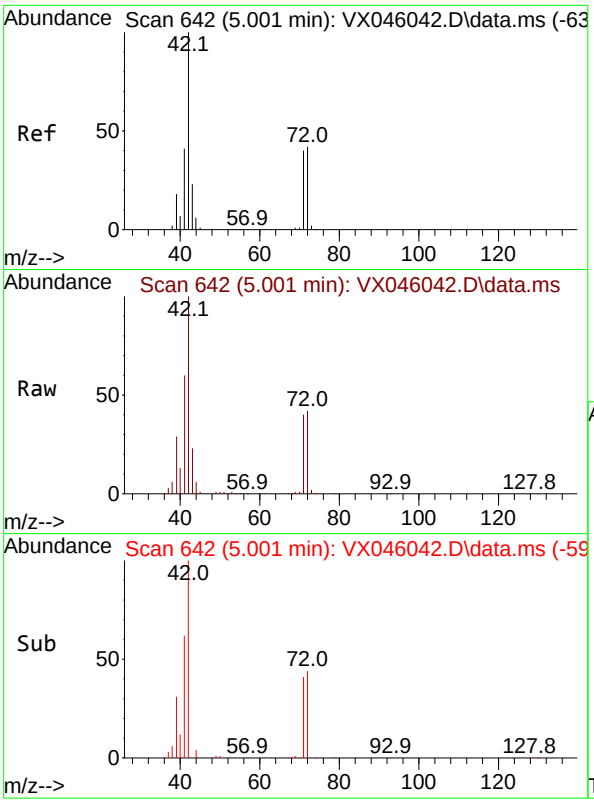


#28
Bromochloromethane
Concen: 31.031 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 49 Resp: 56091

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	70.2	56.2	84.2



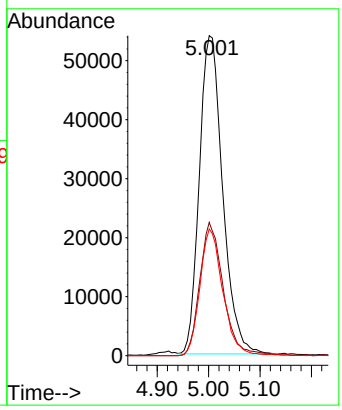


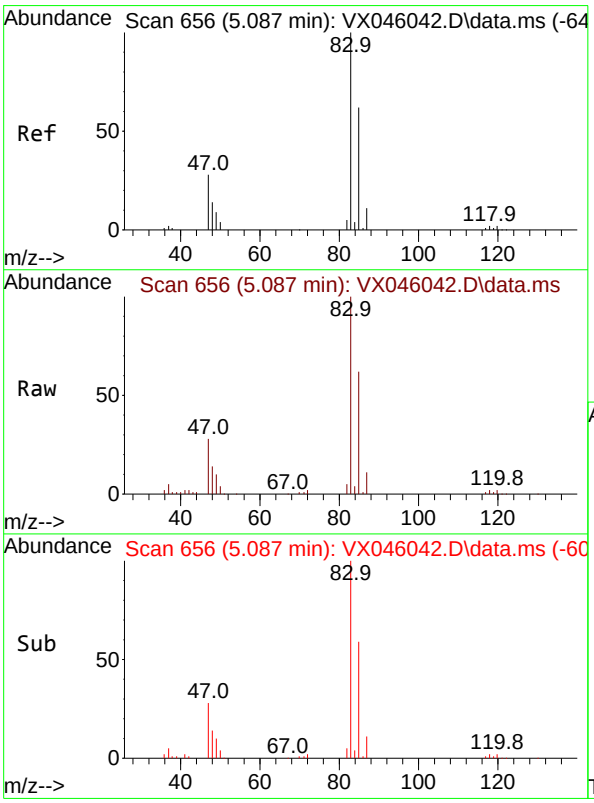
#29
Tetrahydrofuran
Concen: 183.679 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 170124

Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	39.3	31.4	47.2

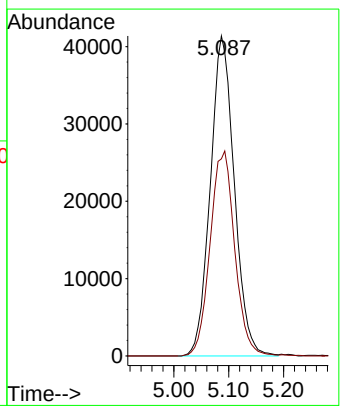


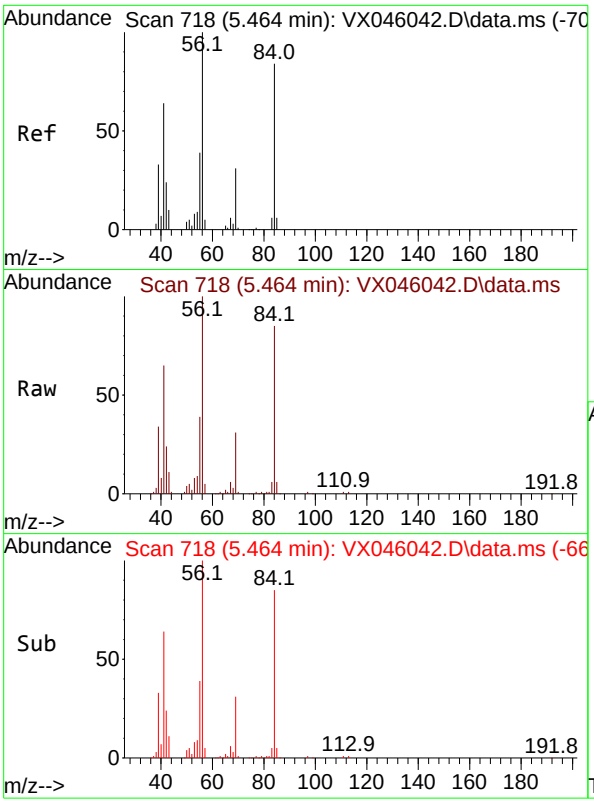


#30
Chloroform
Concen: 35.626 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 83 Resp: 125850

Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.3	73.9



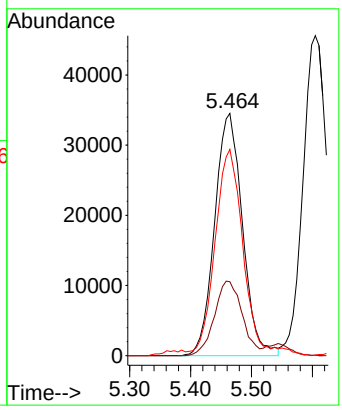


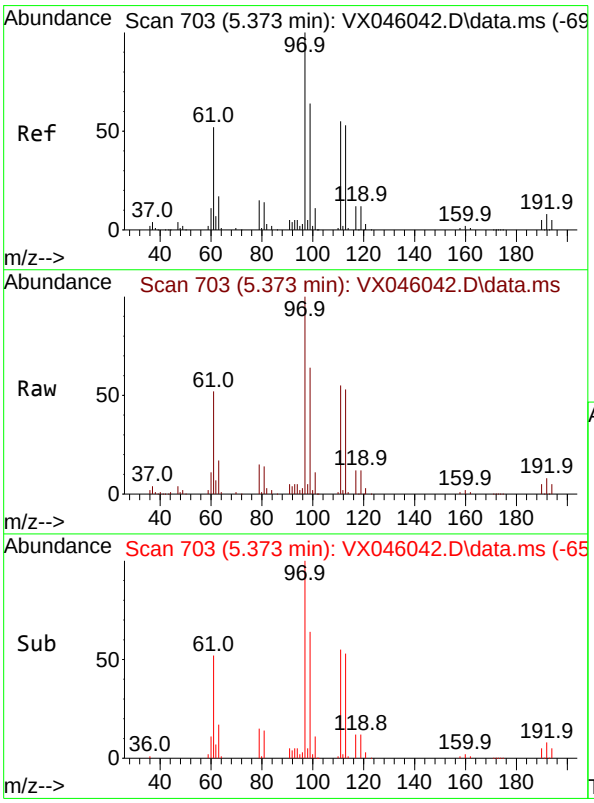
#31
Cyclohexane
Concen: 38.205 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 109459

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	83.6	66.9	100.3

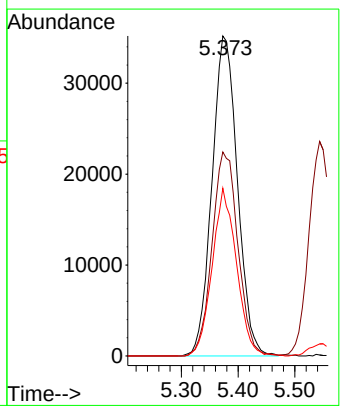


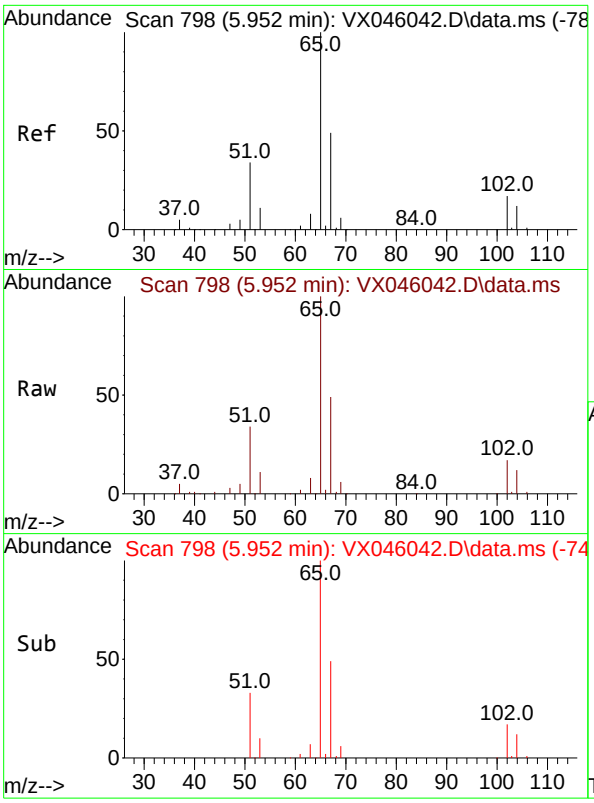


#32
1,1,1-Trichloroethane
Concen: 36.034 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 97 Resp: 109781

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	50.1	40.1	60.1



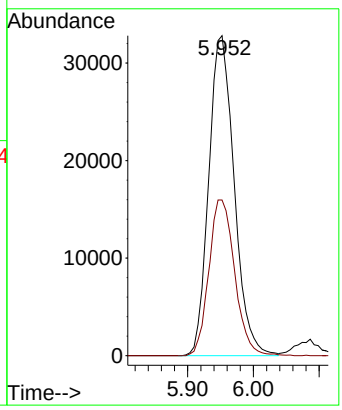


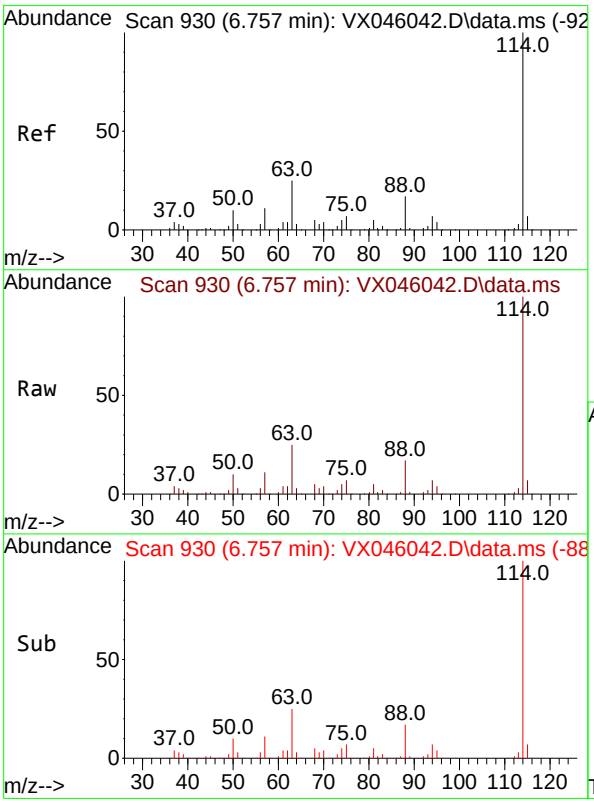
#33
1,2-Dichloroethane-d4
Concen: 30.601 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 88371

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0

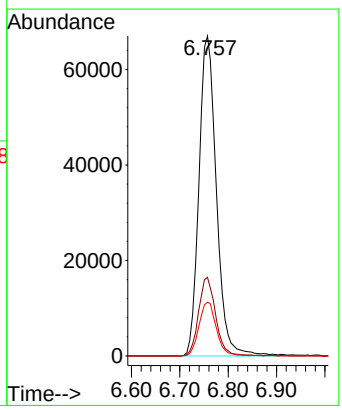


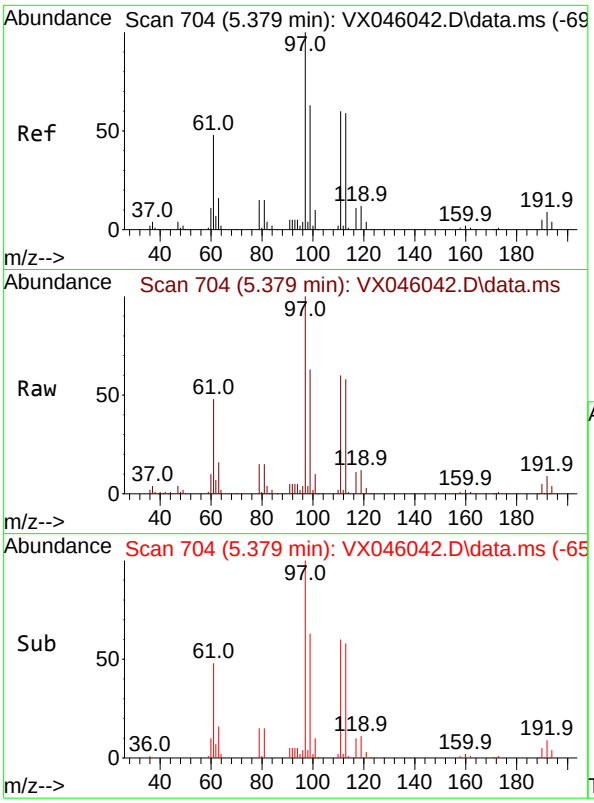


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:114 Resp: 167947

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.8	0.0	33.6



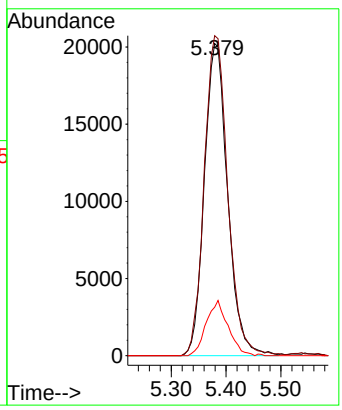


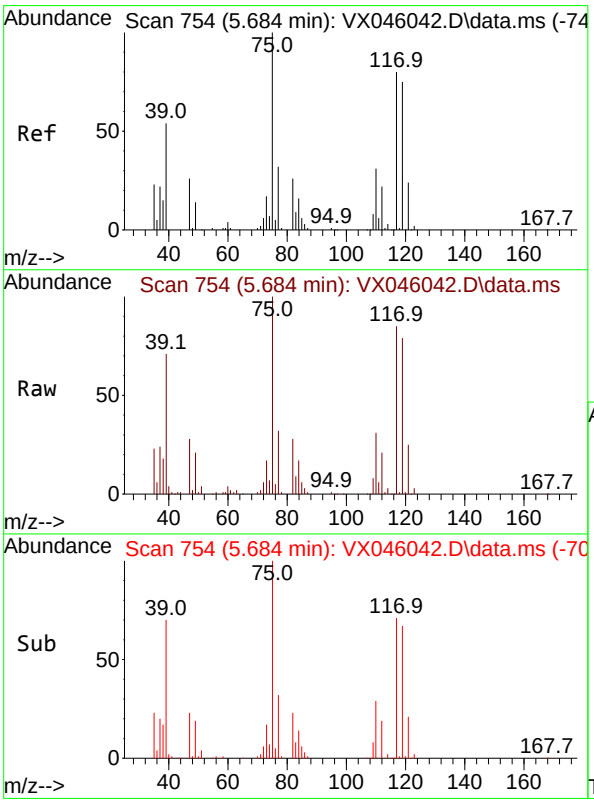
#35
Dibromofluoromethane
Concen: 31.633 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 59550

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.6	13.3	19.9

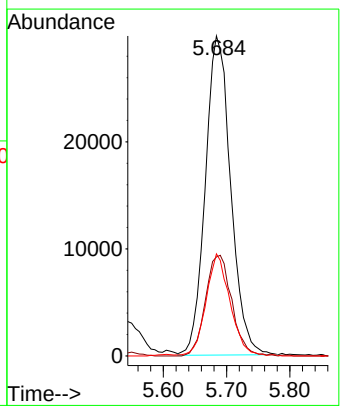


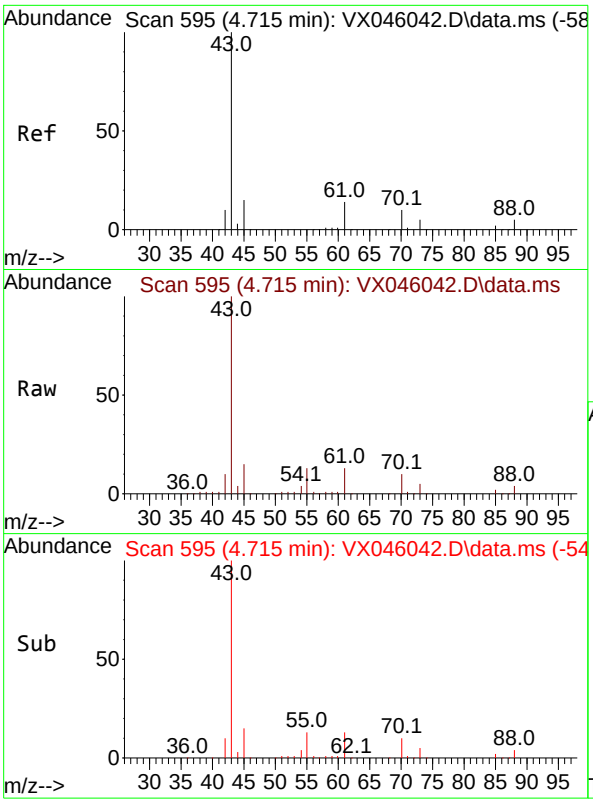


#36
1,1-Dichloropropene
Concen: 38.073 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 83215

Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	30.4	24.3	36.5



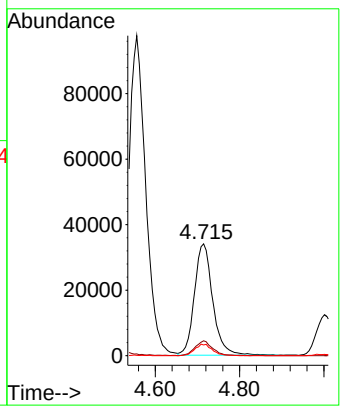


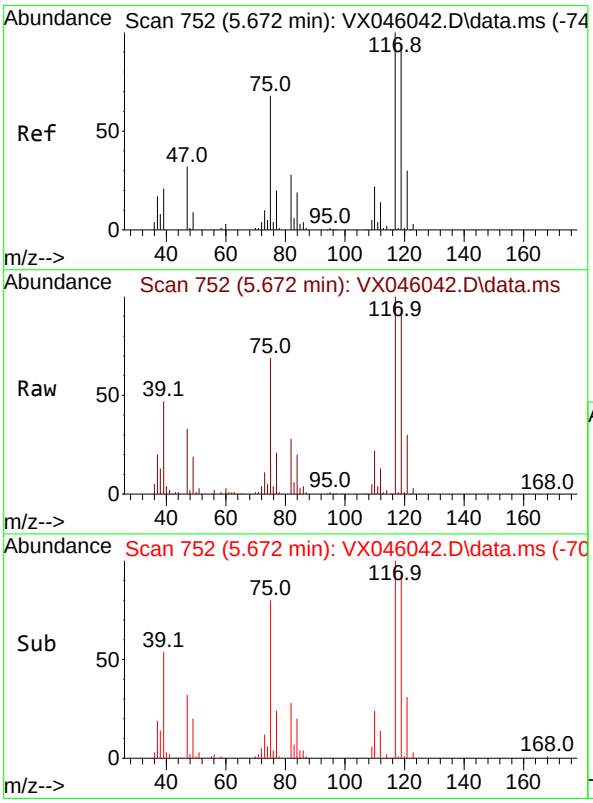
#37
Ethyl Acetate
Concen: 37.394 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 102537

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.9	7.9	11.9

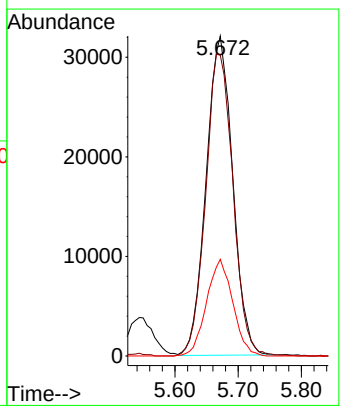


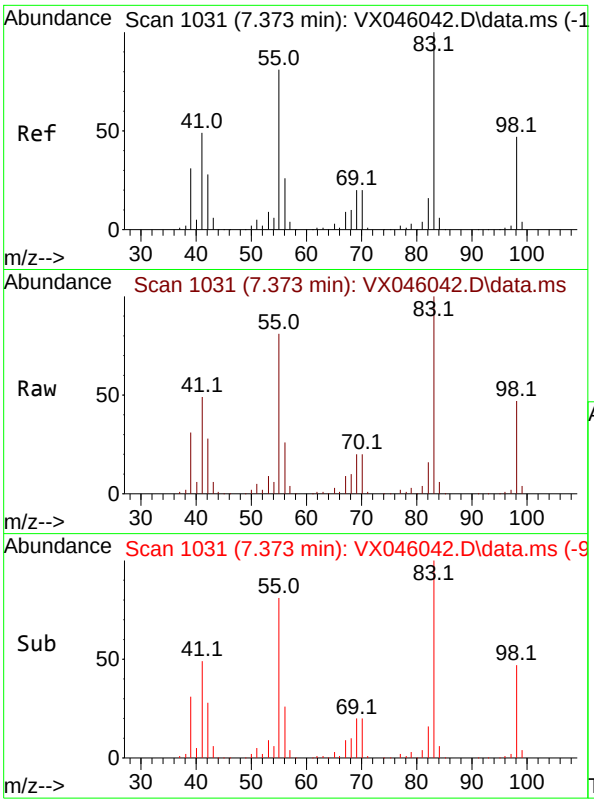


#38
Carbon Tetrachloride
Concen: 37.320 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 93712

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	30.3	24.2	36.4



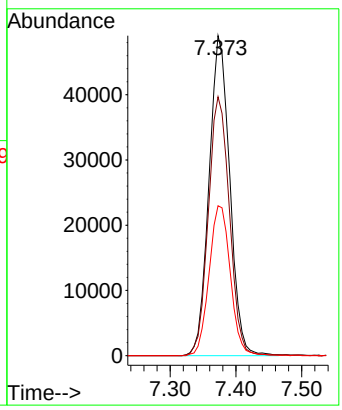


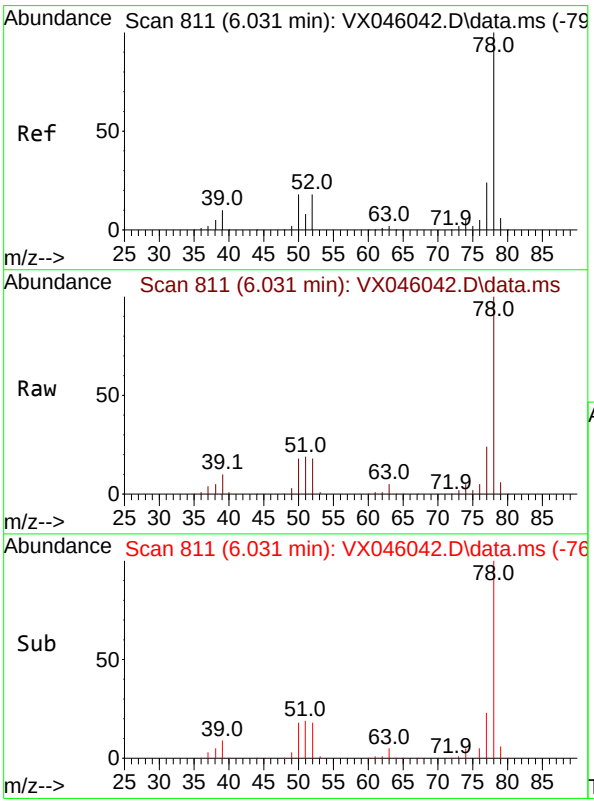
#39
Methylcyclohexane
Concen: 39.307 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 107651

Ion	Ratio	Lower	Upper
83	100		
55	80.9	64.7	97.1
98	46.8	37.4	56.2

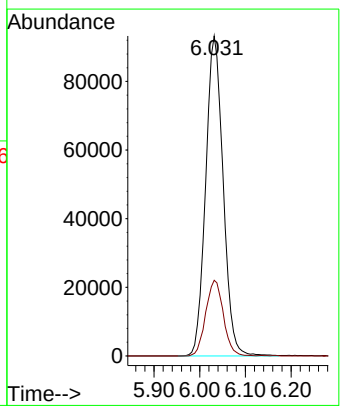


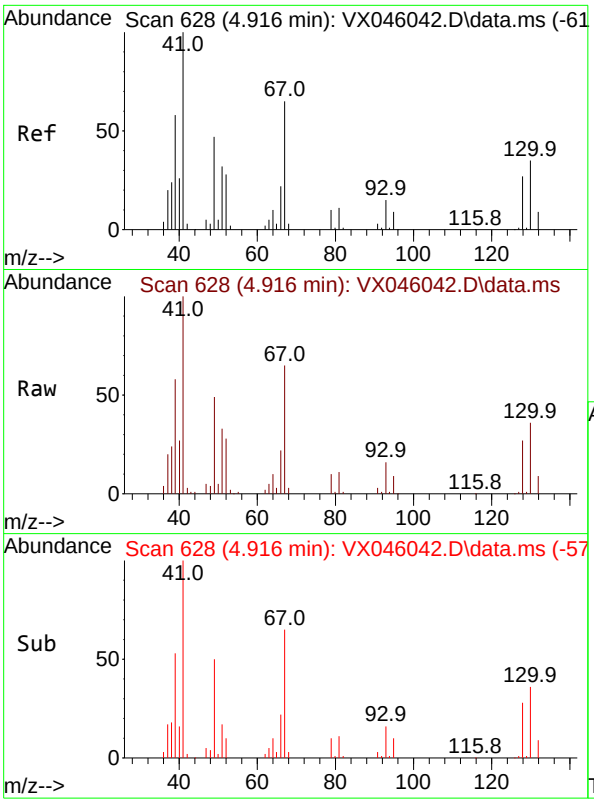


#40
Benzene
Concen: 36.530 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 78 Resp: 247476

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



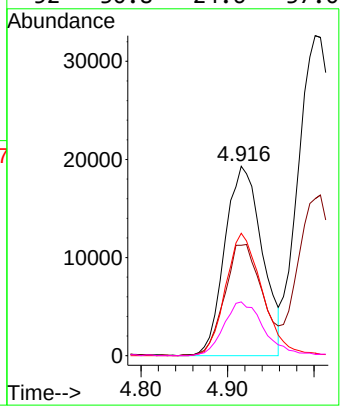


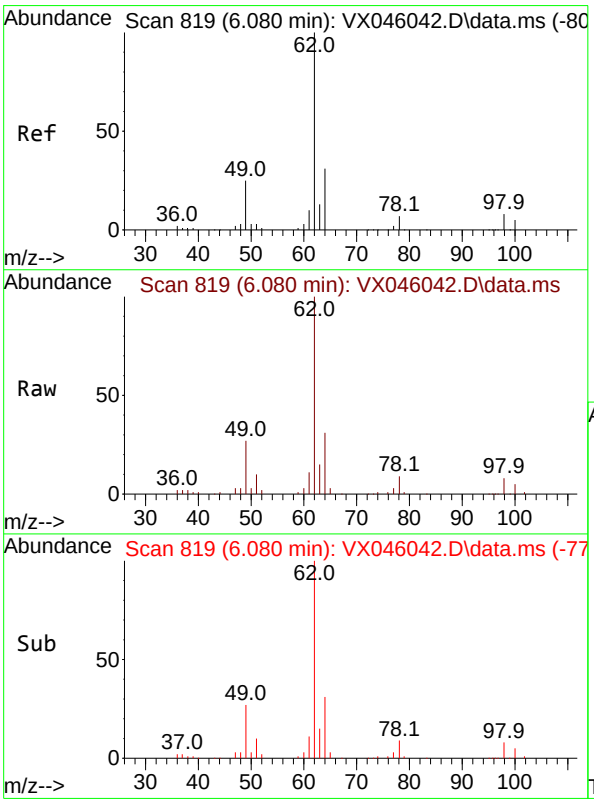
#41
Methacrylonitrile
Concen: 38.123 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 58082

Ion	Ratio	Lower	Upper
41	100		
39	59.0	47.2	70.8
67	63.4	50.7	76.1
52	30.8	24.6	37.0

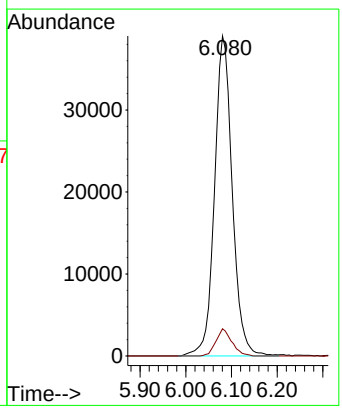


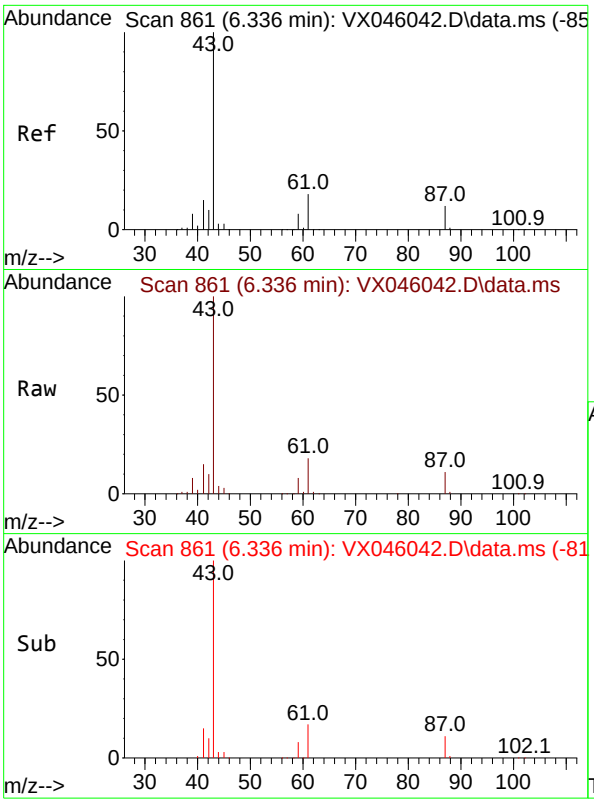


#42
1,2-Dichloroethane
Concen: 37.605 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 62 Resp: 105332

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2



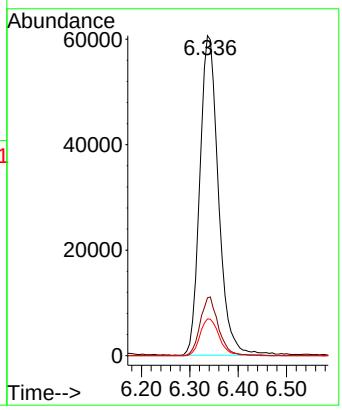


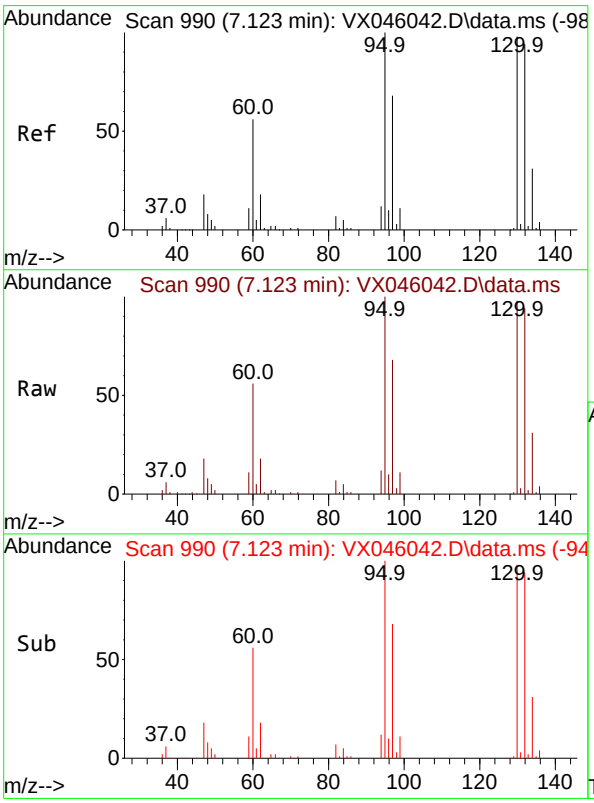
#43
Isopropyl Acetate
Concen: 38.598 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 161787

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.9	9.5	14.3

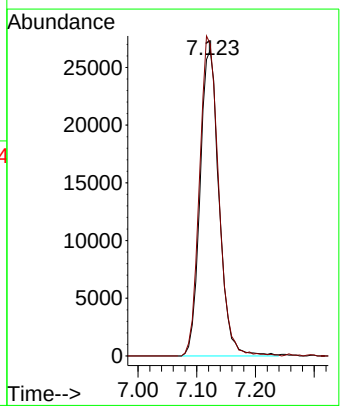


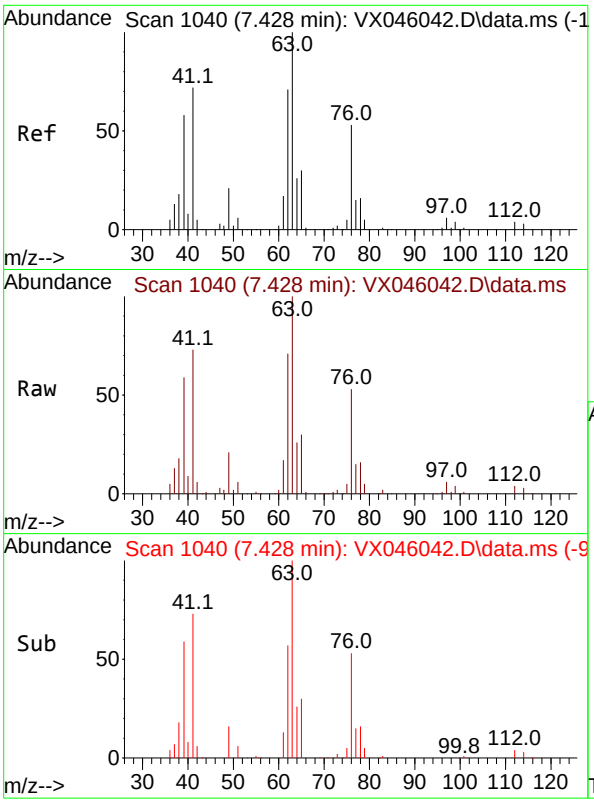


#44
Trichloroethene
Concen: 37.230 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:130 Resp: 59623

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	204.2



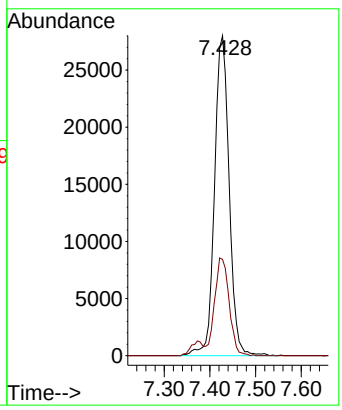


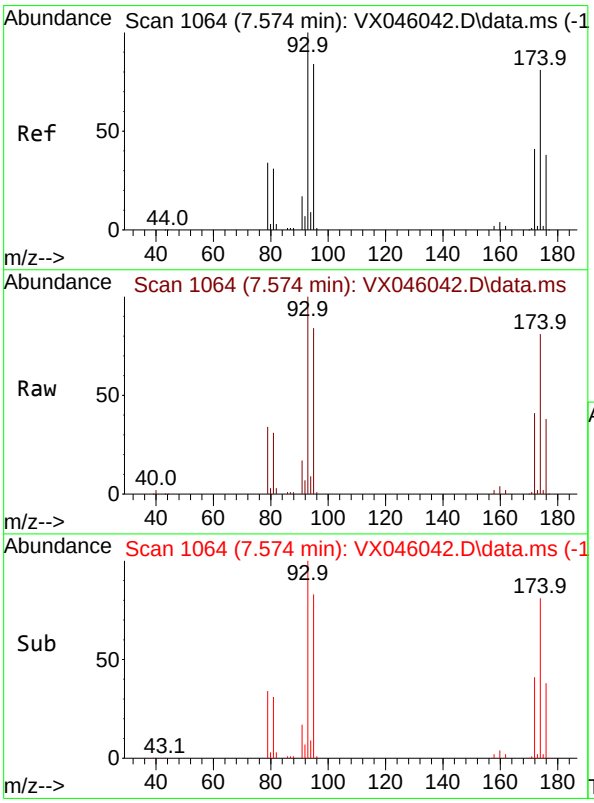
#45
1,2-Dichloropropane
Concen: 37.064 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 62387

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.1	36.1

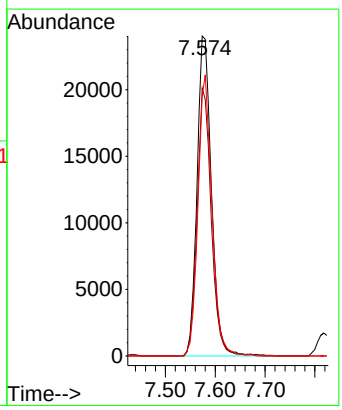


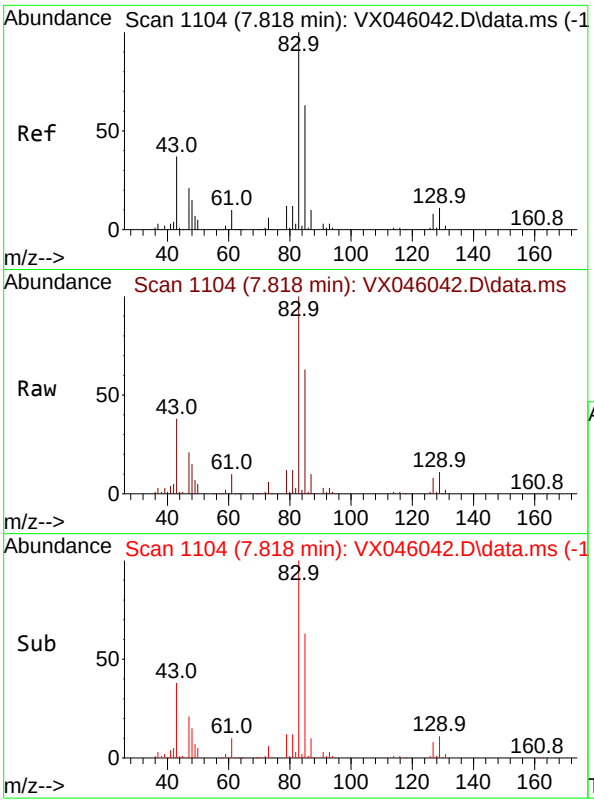


#46
Dibromomethane
Concen: 36.326 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 93 Resp: 48201

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	85.2	68.2	102.2



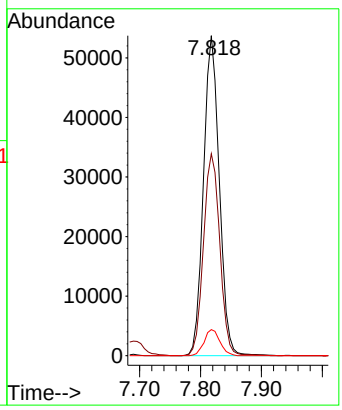


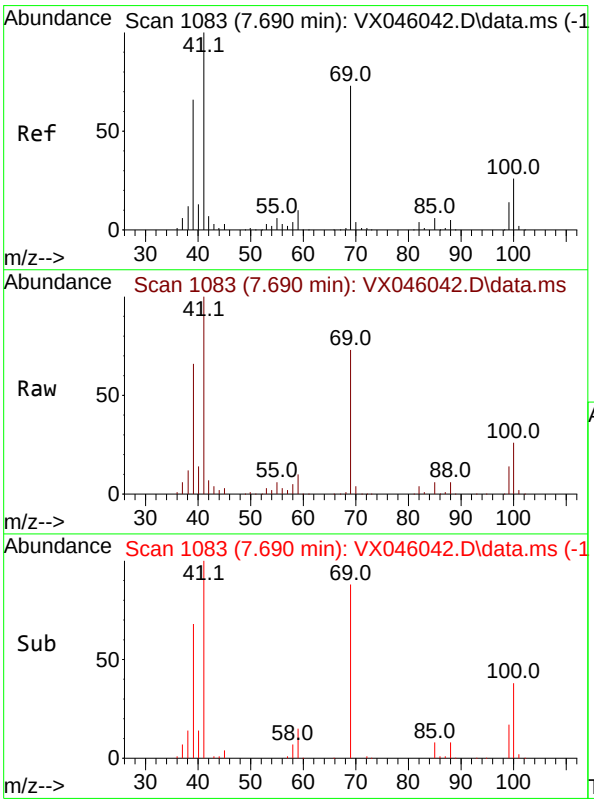
#47
Bromodichloromethane
Concen: 37.685 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 96916

Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	8.1	6.5	9.7

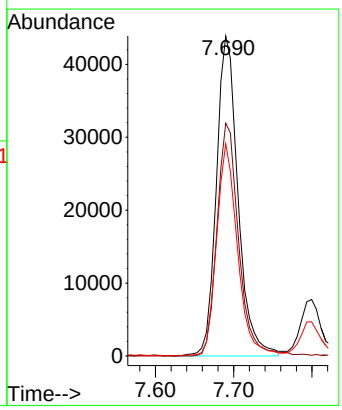


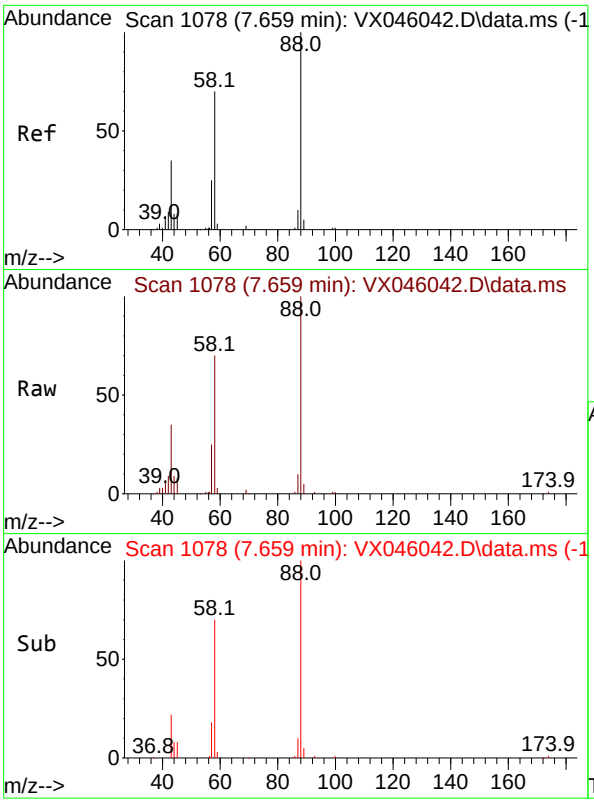


#48
Methyl methacrylate
Concen: 39.157 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 84277

Ion	Ratio	Lower	Upper
41	100		
69	73.1	58.5	87.7
39	64.6	51.7	77.5



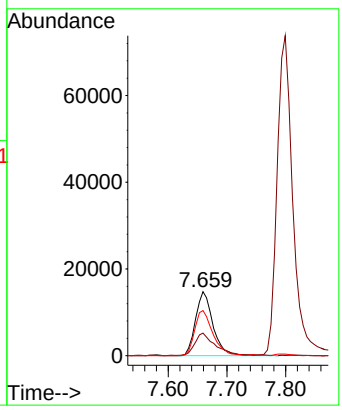


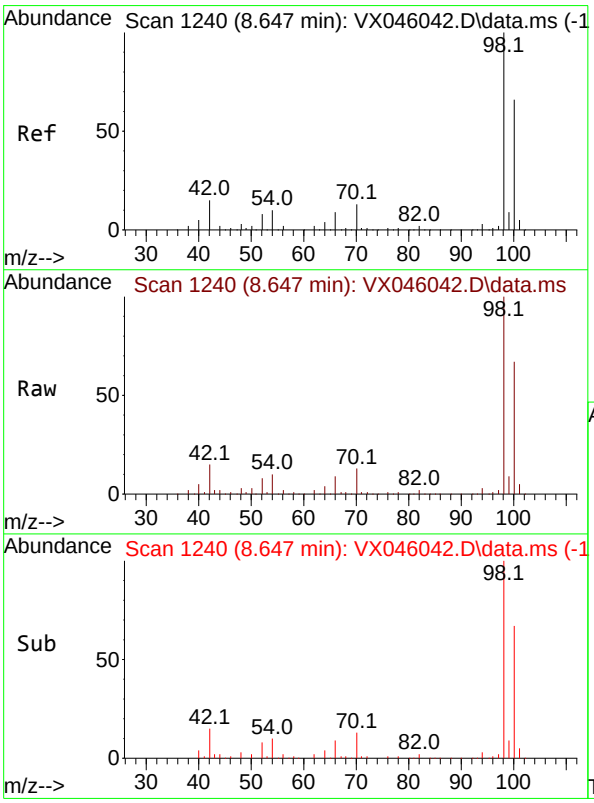
#49
1,4-Dioxane
Concen: 713.477 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 30529

Ion	Ratio	Lower	Upper
88	100		
43	41.8	33.4	50.2
58	73.3	58.6	88.0

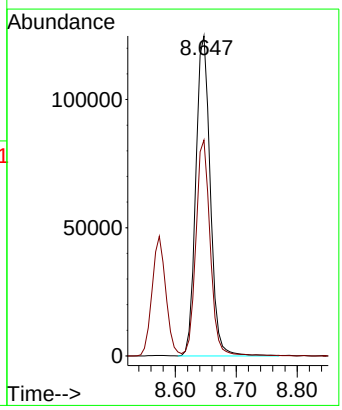


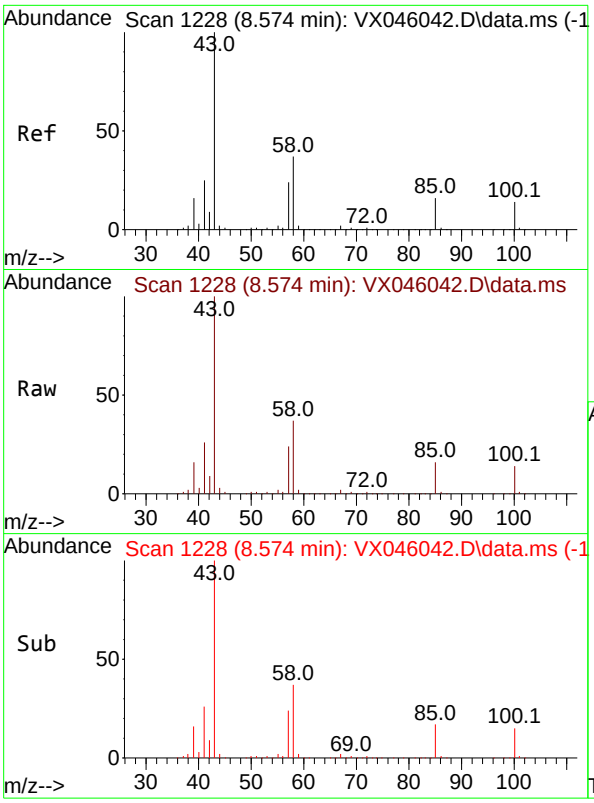


#50
Toluene-d8
Concen: 32.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 98 Resp: 205479

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3



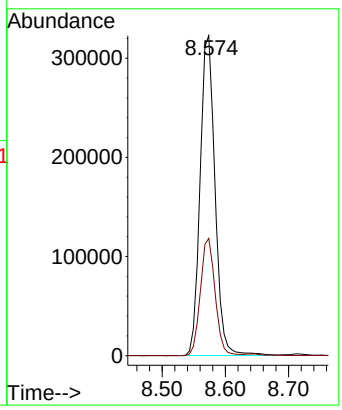


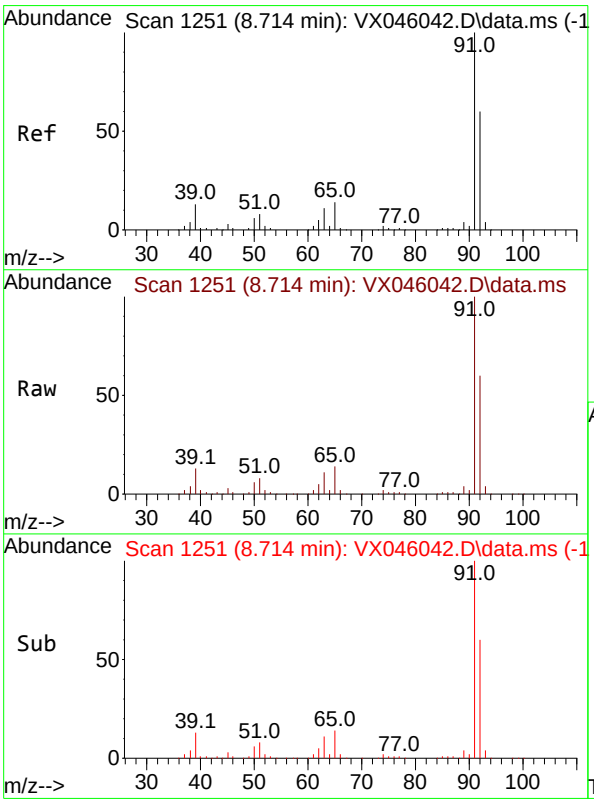
#51
4-Methyl-2-Pentanone
Concen: 193.653 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 532388

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3

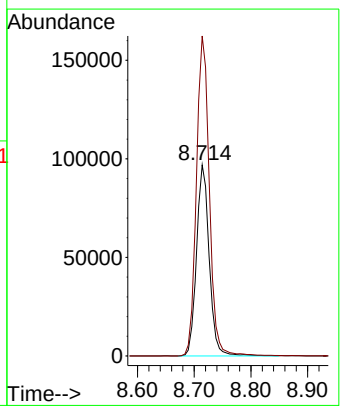


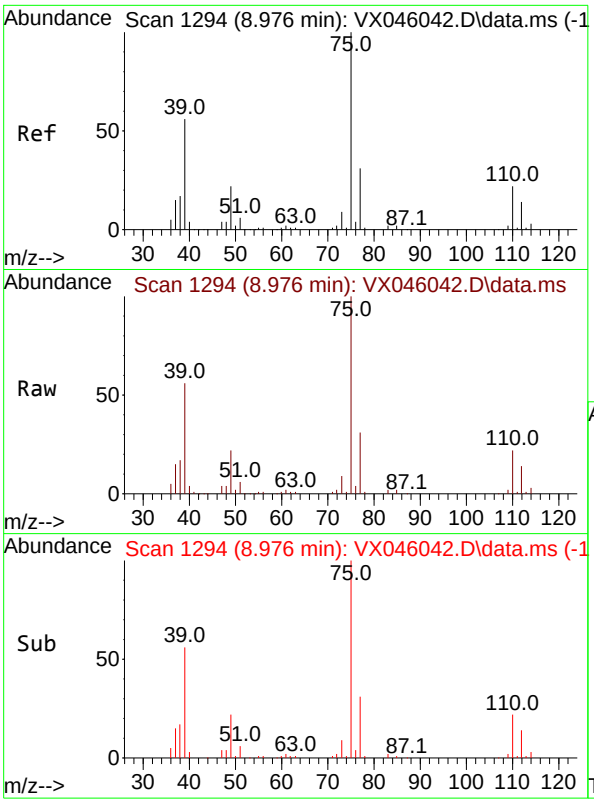


#52
Toluene
Concen: 37.530 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 92 Resp: 150757

Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.6	205.0



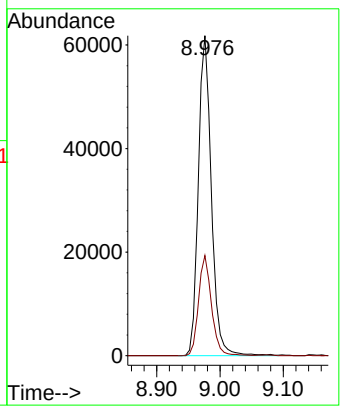


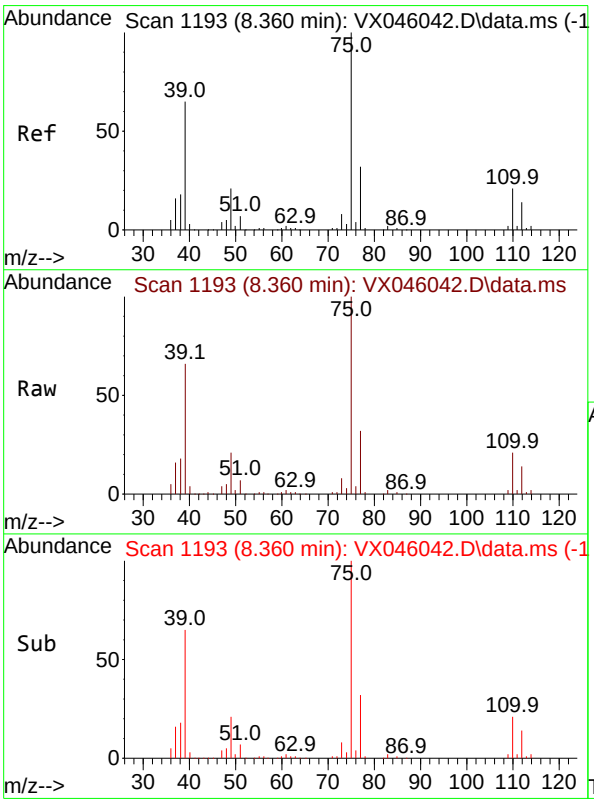
#53
t-1,3-Dichloropropene
Concen: 41.056 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 88655

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

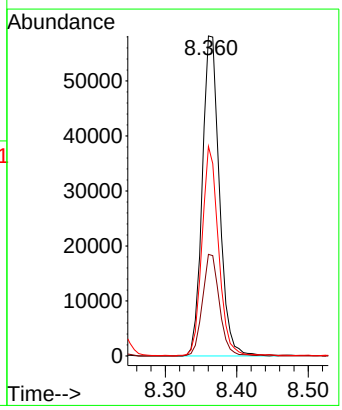


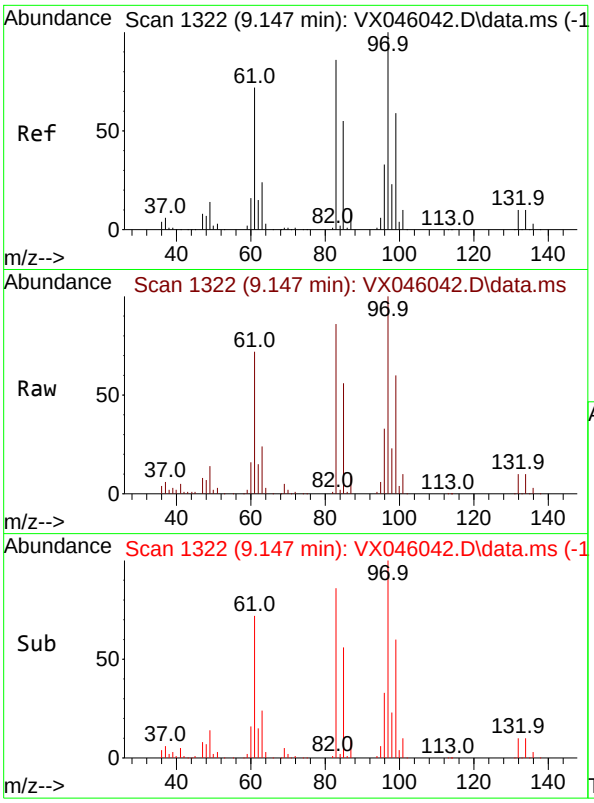


#54
cis-1,3-Dichloropropene
Concen: 38.521 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 97031

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	65.3	52.2	78.4



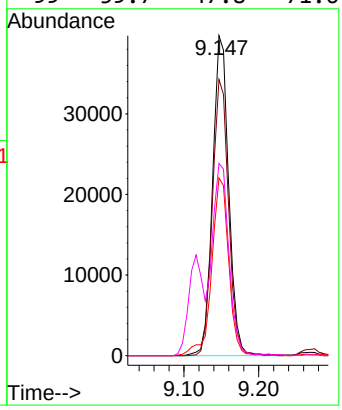


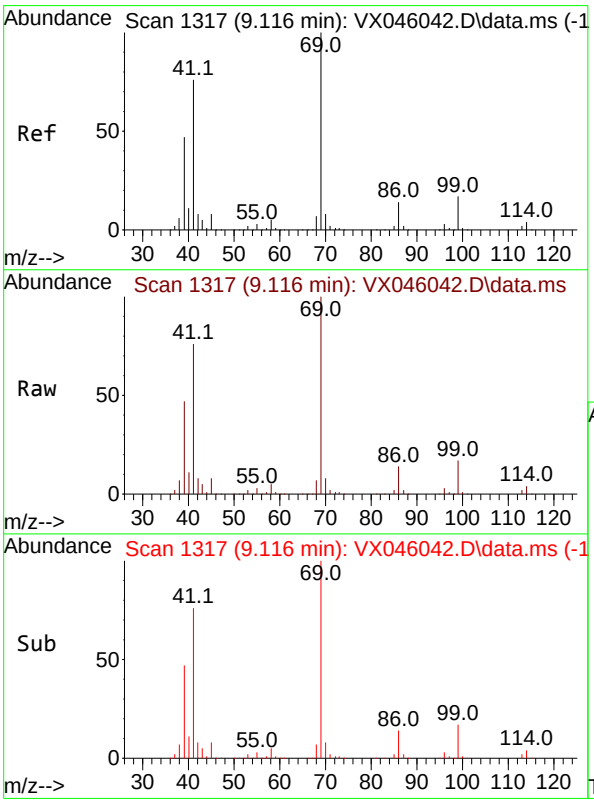
#55
1,1,2-Trichloroethane
Concen: 36.648 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 59499

Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.4	44.3	66.5
99	59.7	47.8	71.6

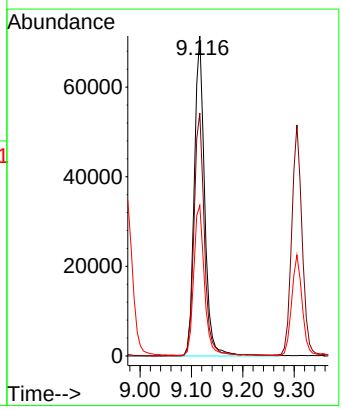


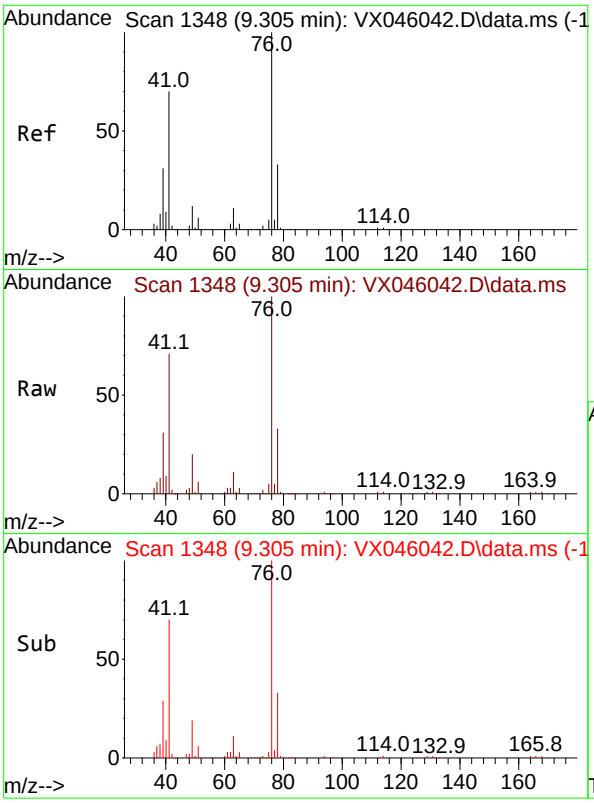


#56
Ethyl methacrylate
Concen: 39.726 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 69 Resp: 99947

Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.8	91.2
39	48.8	39.0	58.6



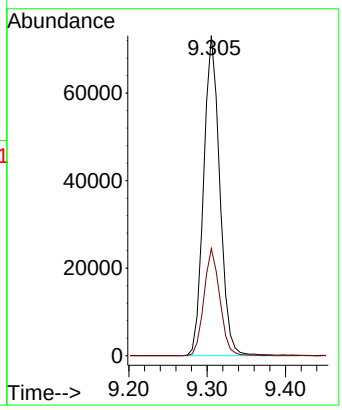


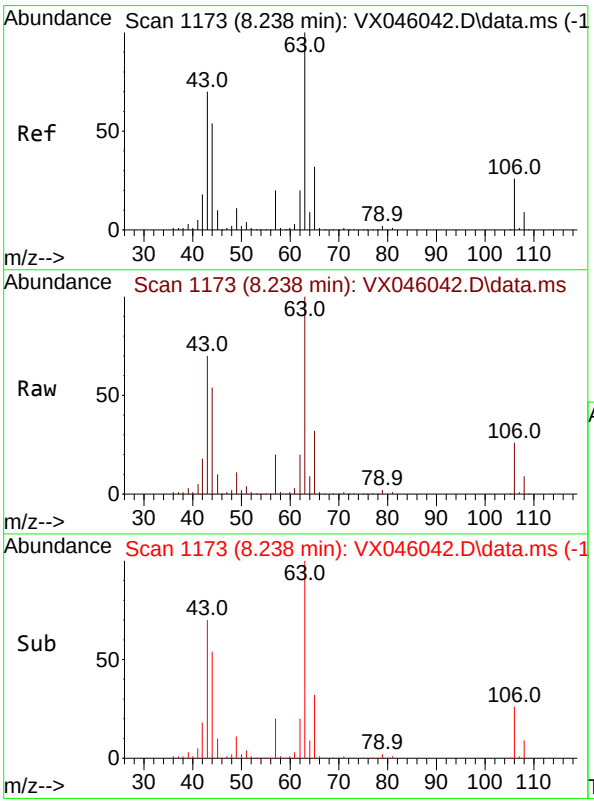
#57
1,3-Dichloropropane
Concen: 36.347 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 104606

Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5

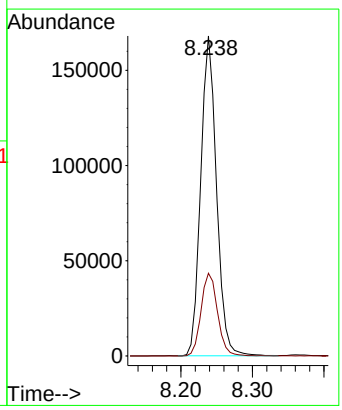


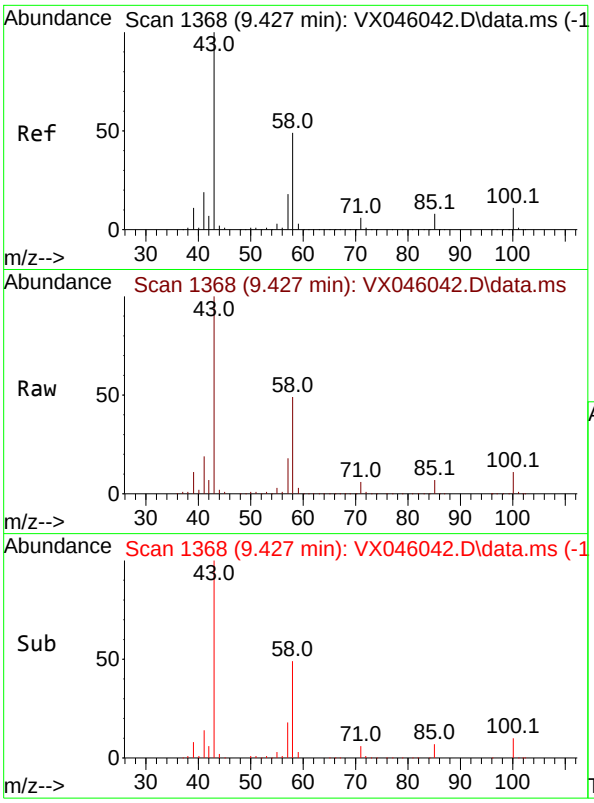


#58
2-Chloroethyl Vinyl ether
Concen: 227.902 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 63 Resp: 257678

Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.5	32.3



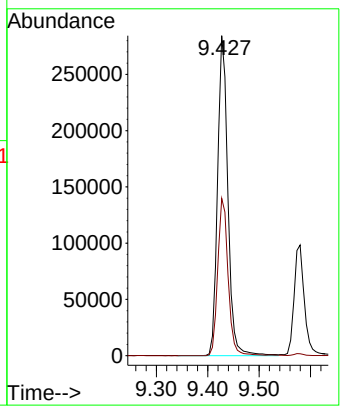


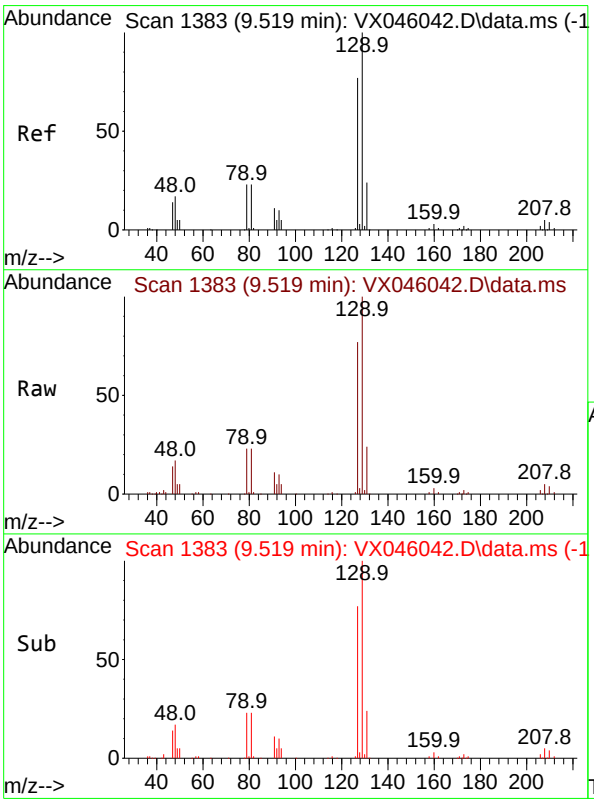
#59
2-Hexanone
Concen: 190.168 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 396784

Ion	Ratio	Lower	Upper
43	100		
58	49.7	24.9	74.6

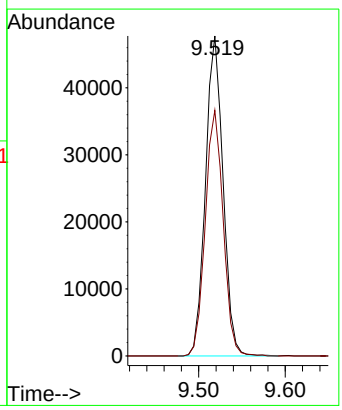


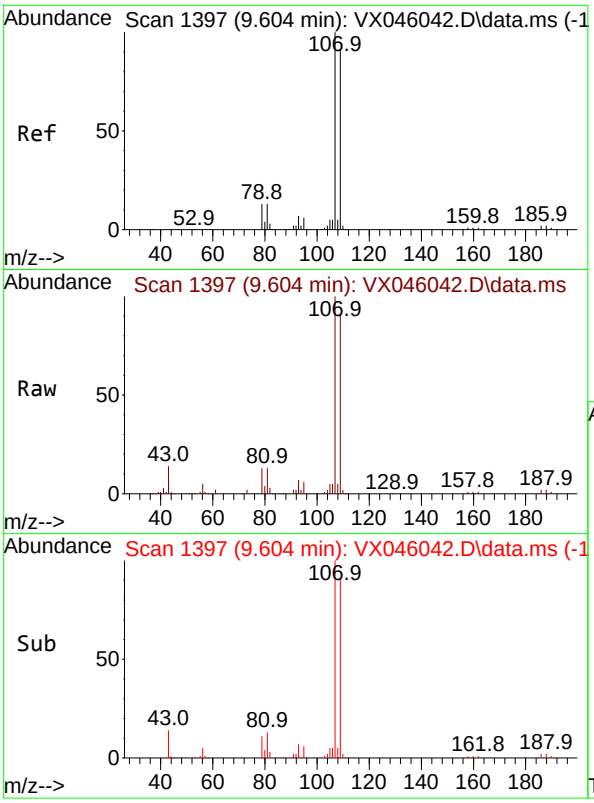


#60
Dibromochloromethane
Concen: 38.027 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:129 Resp: 67198

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8



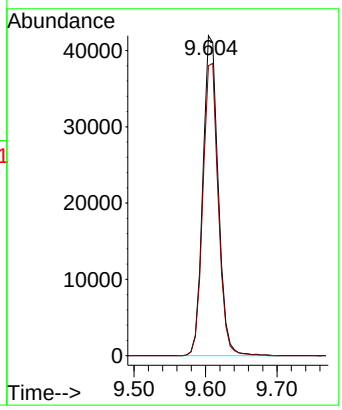


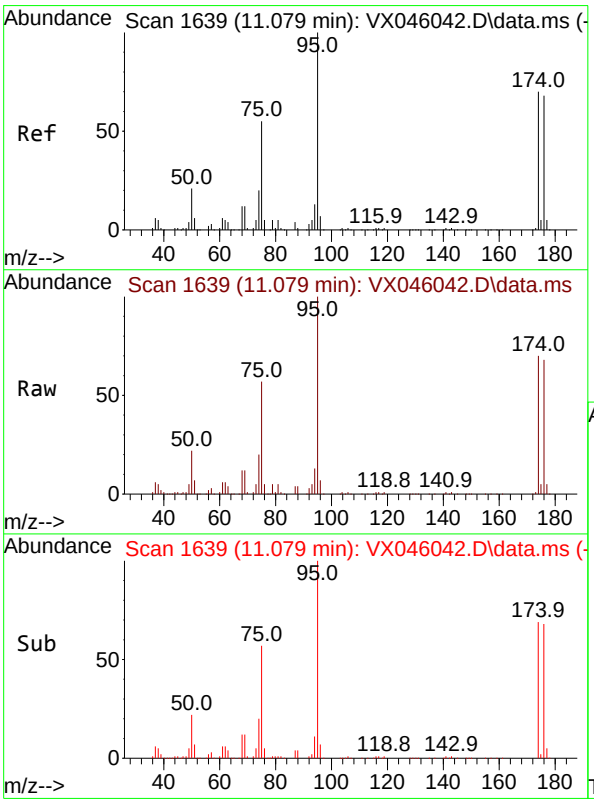
#61
1,2-Dibromoethane
Concen: 37.567 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 62633

Ion	Ratio	Lower	Upper
107	100		
109	91.6	73.3	109.9

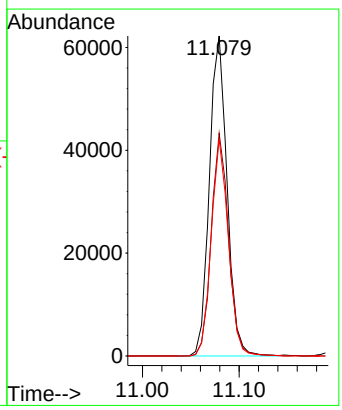


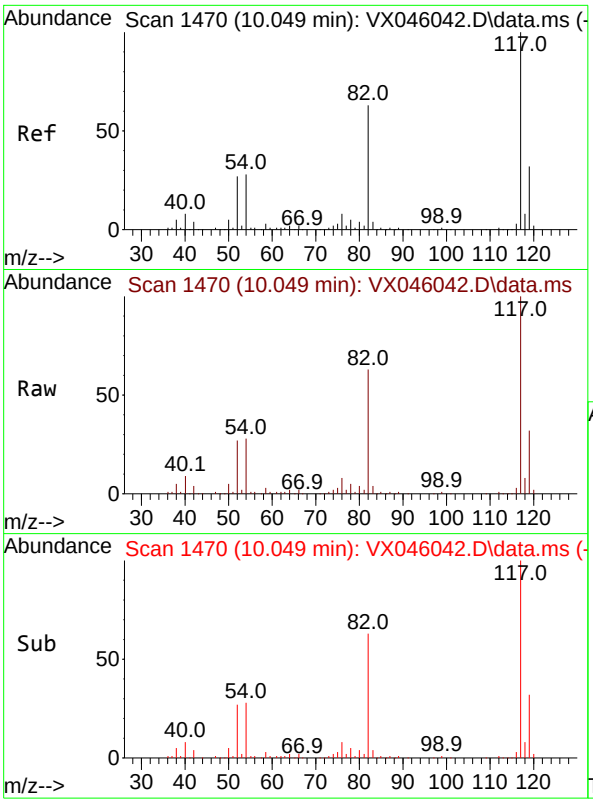


#62
4-Bromofluorobenzene
Concen: 34.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 95 Resp: 79012

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	65.7	0.0	131.4



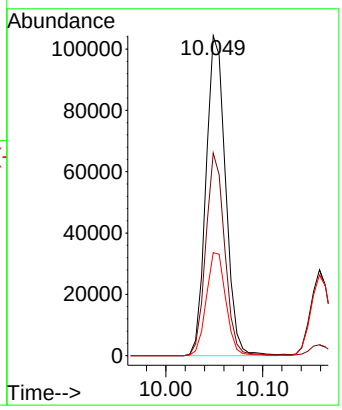


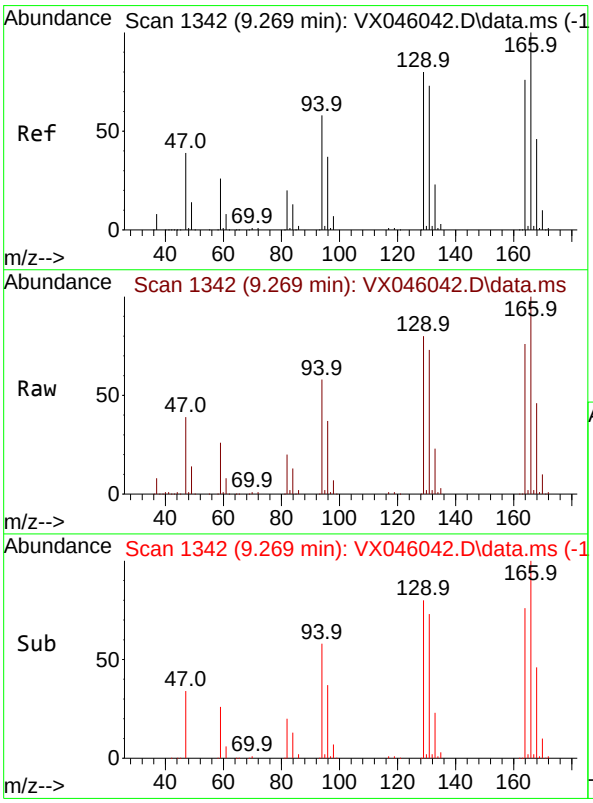
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 146257

Ion	Ratio	Lower	Upper
117	100		
82	63.3	50.6	76.0
119	32.2	25.8	38.6

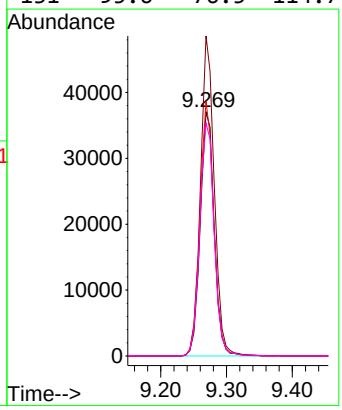


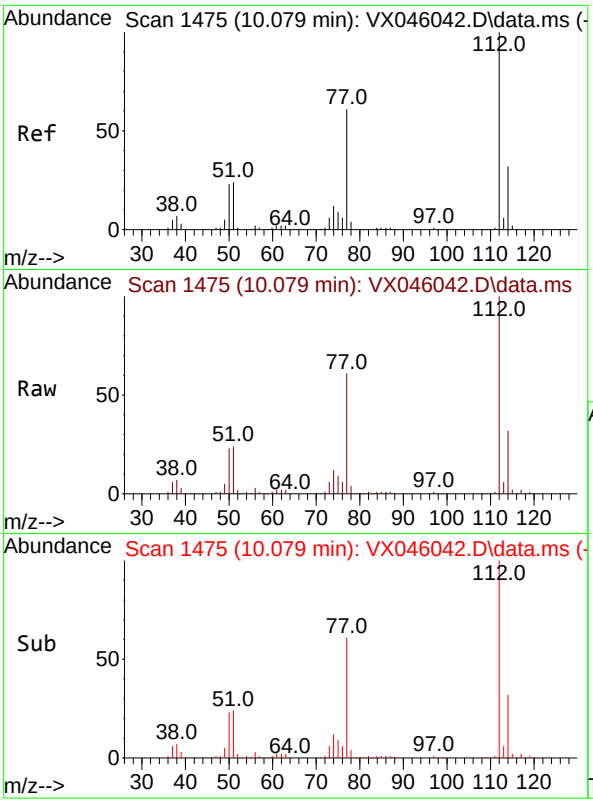


#64
Tetrachloroethene
Concen: 36.726 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:164 Resp: 54853

Ion	Ratio	Lower	Upper
164	100		
166	131.3	105.0	157.6
129	104.4	83.5	125.3
131	95.6	76.5	114.7



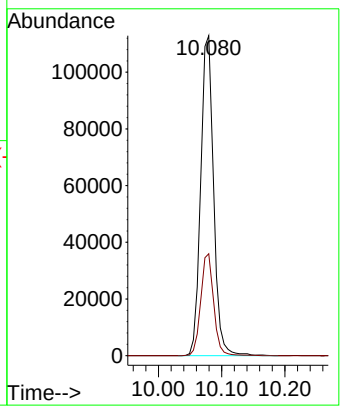


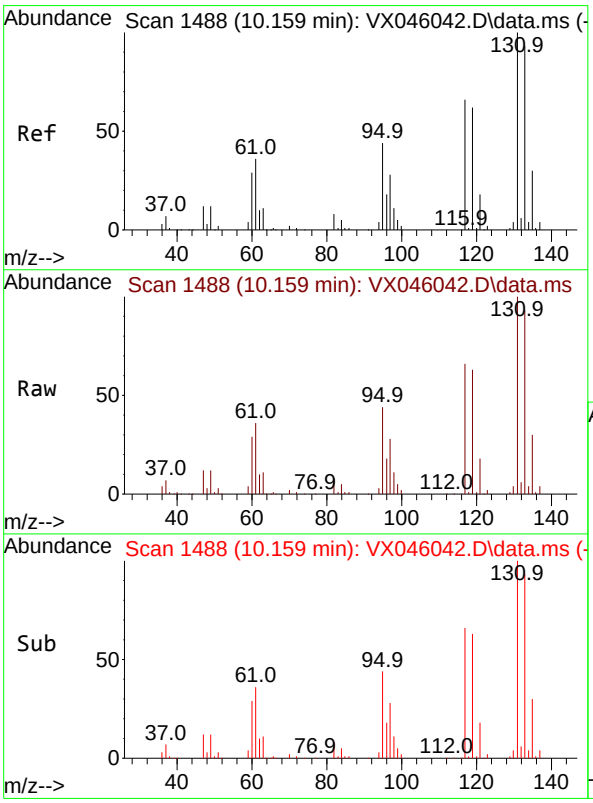
#65
Chlorobenzene
Concen: 35.686 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 160600

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

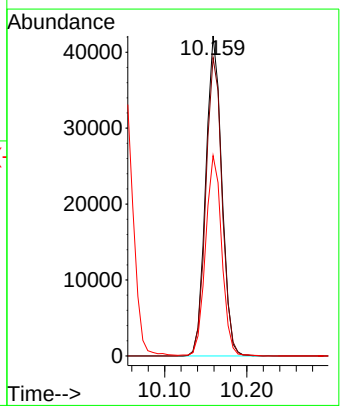


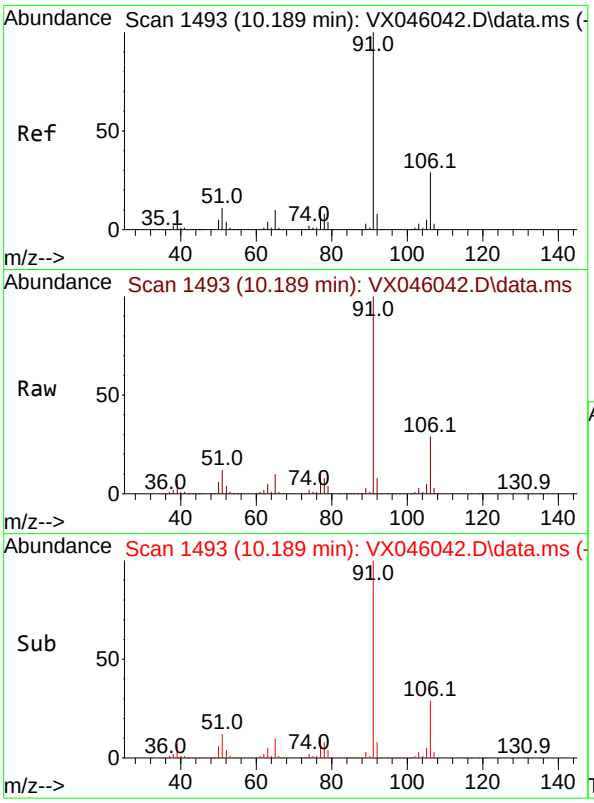


#66
1,1,1,2-Tetrachloroethane
Concen: 38.017 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:131 Resp: 57066

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	141.9
119	63.3	31.6	95.0



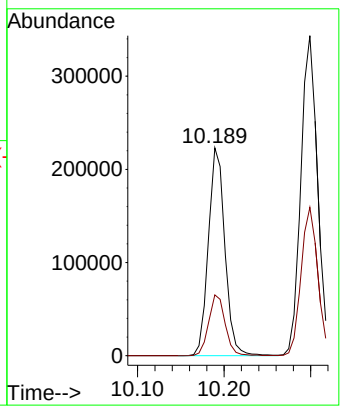


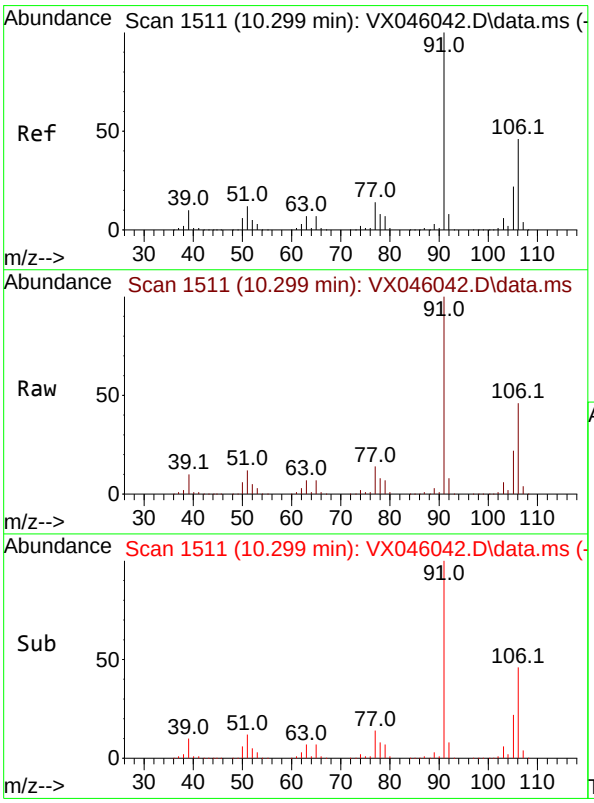
#67
Ethyl Benzene
Concen: 38.543 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 295712

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.4	35.2

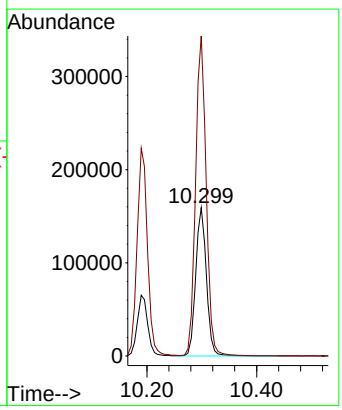


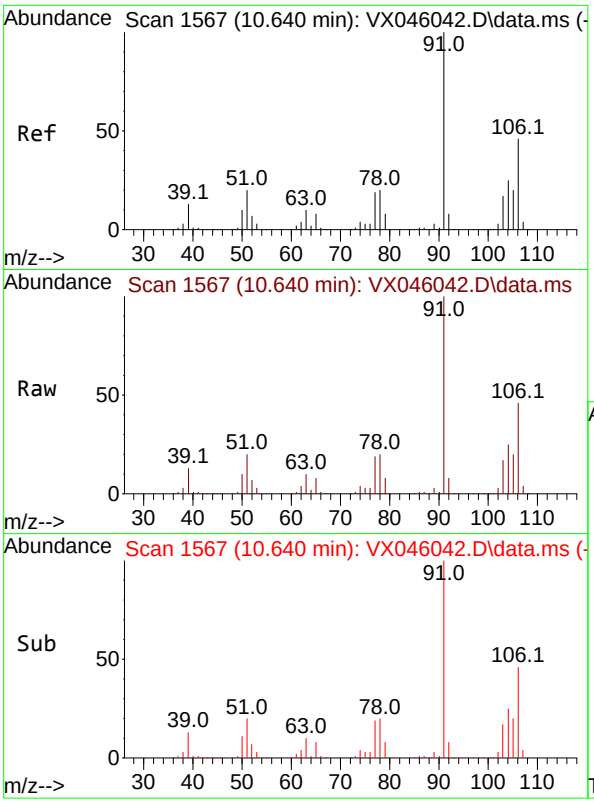


#68
m/p-Xylenes
Concen: 78.142 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:106 Resp: 216578

Ion	Ratio	Lower	Upper
106	100		
91	214.0	171.2	256.8



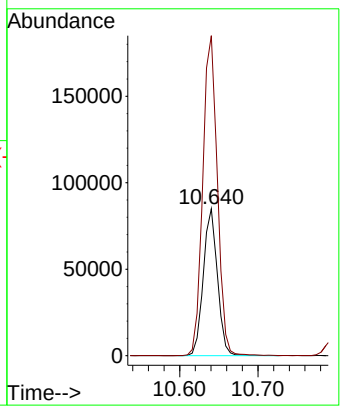


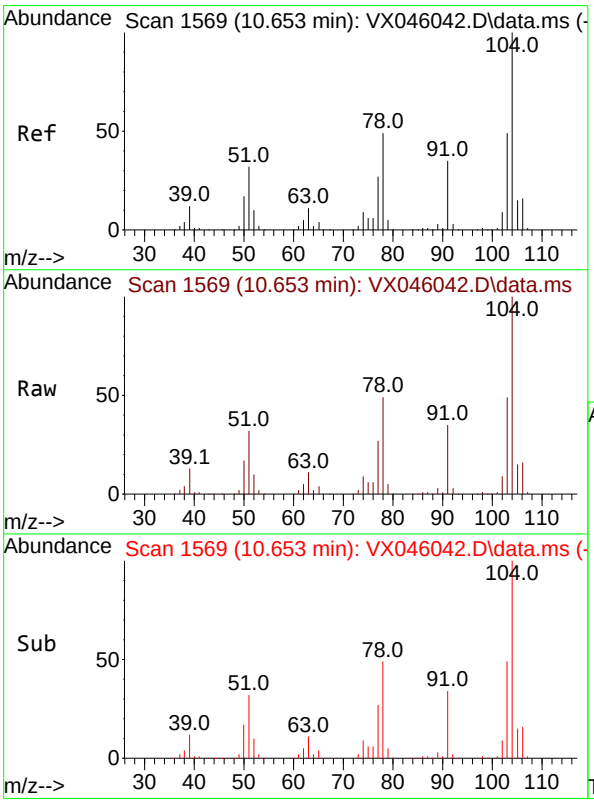
#69
o-Xylene
Concen: 38.064 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 106335

Ion	Ratio	Lower	Upper
106	100		
91	225.4	112.7	338.1

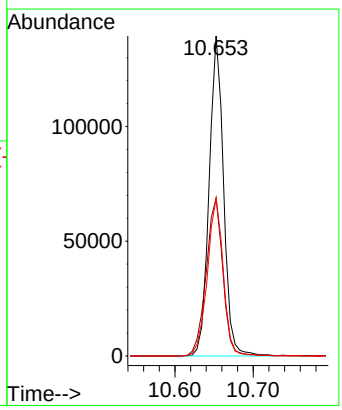


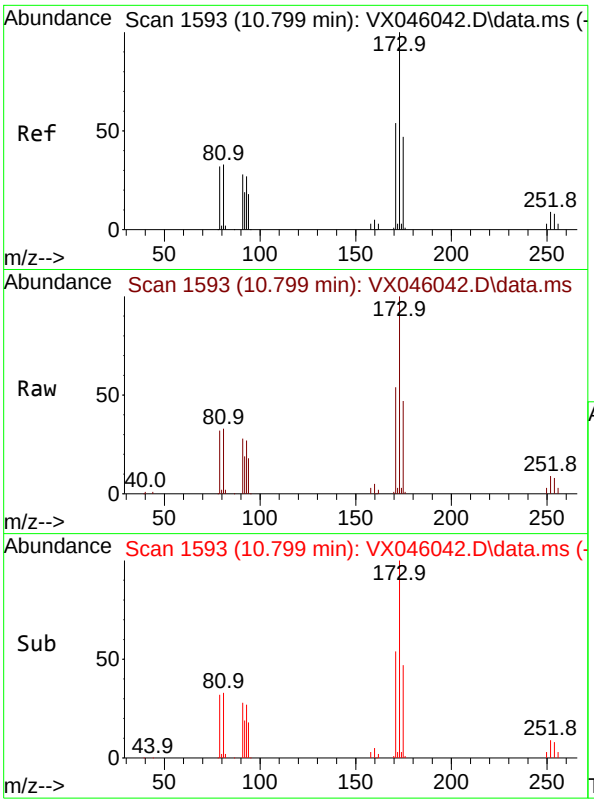


#70
Styrene
Concen: 39.888 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:104 Resp: 178313

Ion	Ratio	Lower	Upper
104	100		
78	57.1	45.7	68.5
103	54.6	43.7	65.5



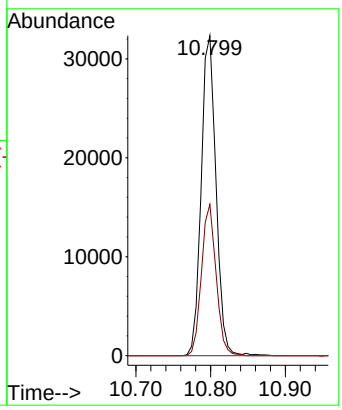


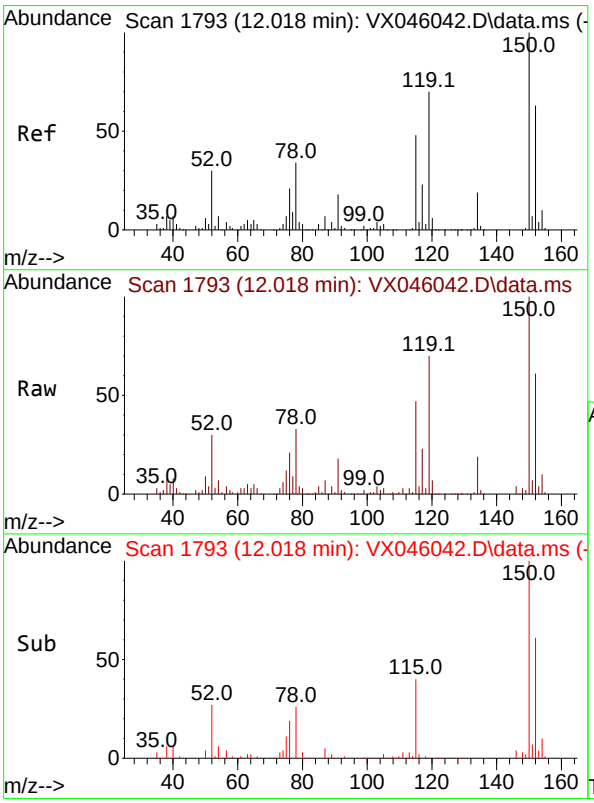
#71
Bromoform
Concen: 39.457 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 44486

Ion	Ratio	Lower	Upper
173	100		
175	46.7	23.4	70.0
254	0.0	0.0	0.0

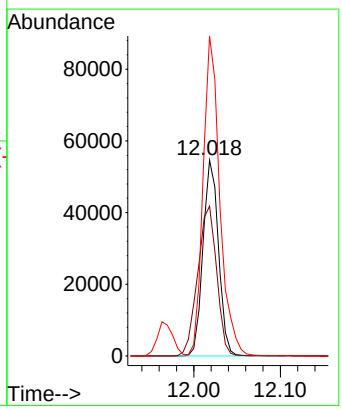


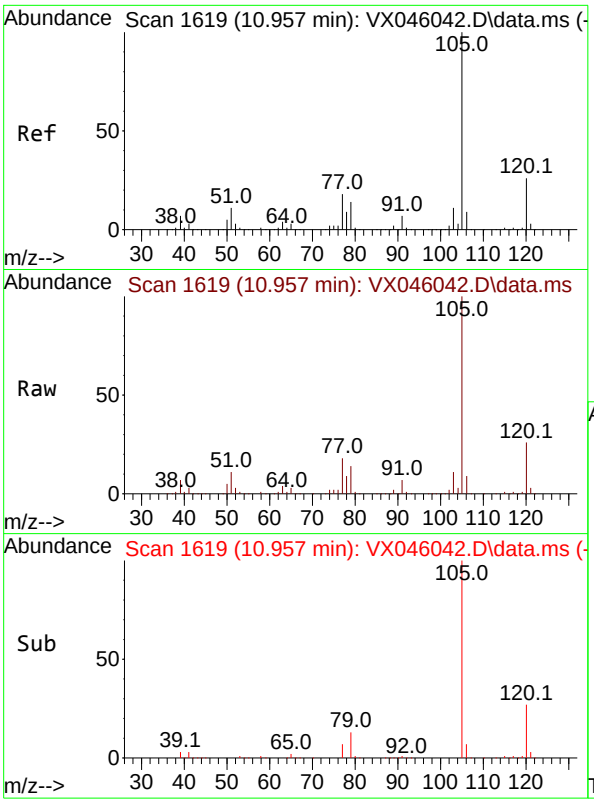


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:152 Resp: 67976

Ion	Ratio	Lower	Upper
152	100		
115	93.8	46.9	140.7
150	175.5	0.0	351.0



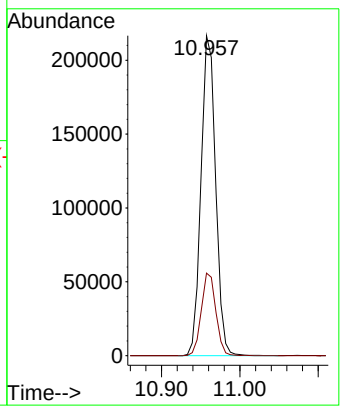


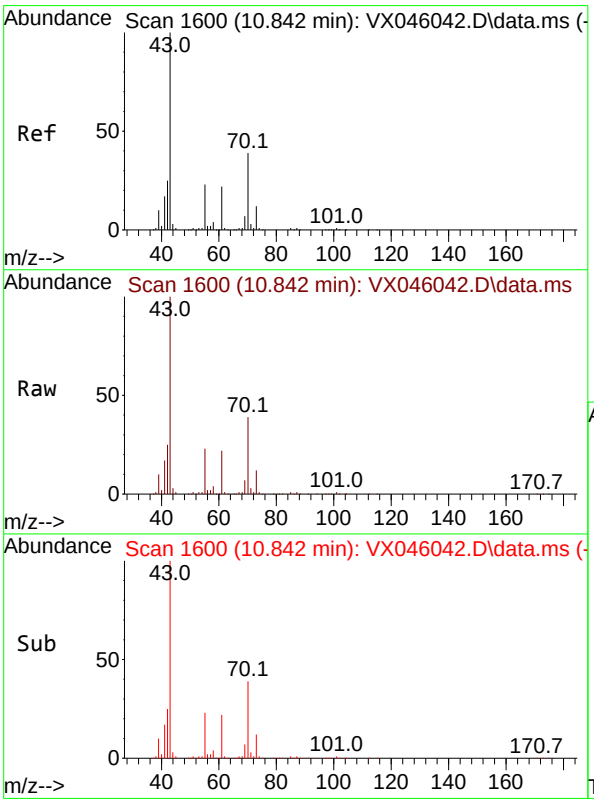
#73
Isopropylbenzene
Concen: 37.865 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 280719

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

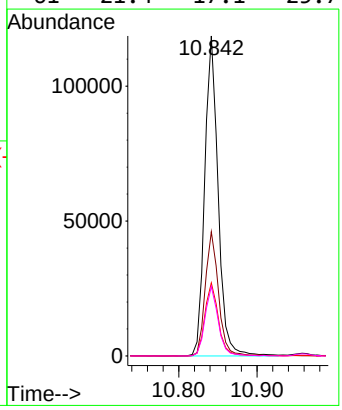


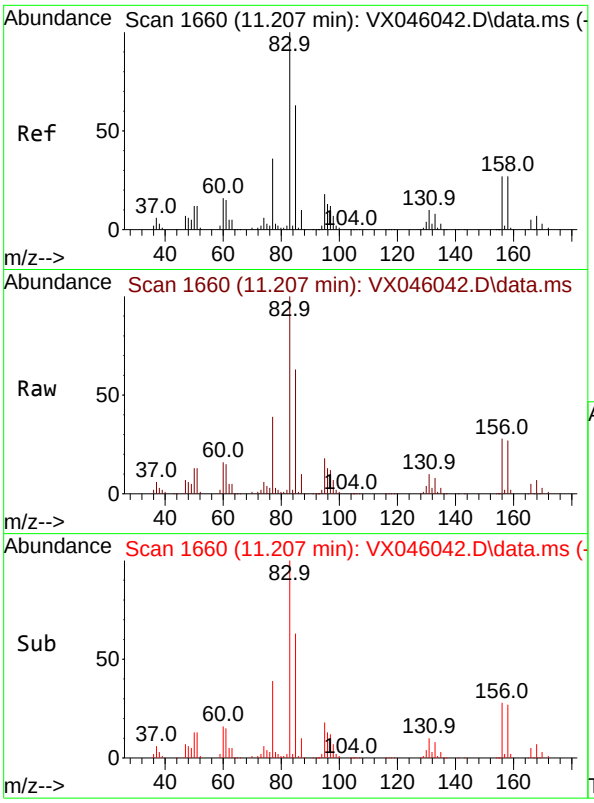


#74
N-amyl acetate
Concen: 38.012 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 140509

Ion	Ratio	Lower	Upper
43	100		
70	38.6	30.9	46.3
55	23.4	18.7	28.1
61	21.4	17.1	25.7



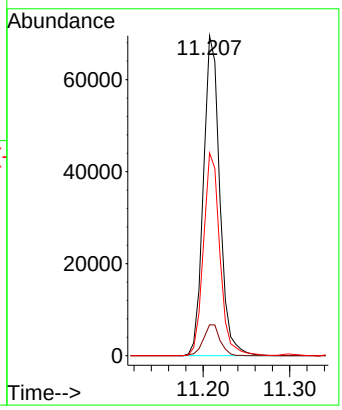


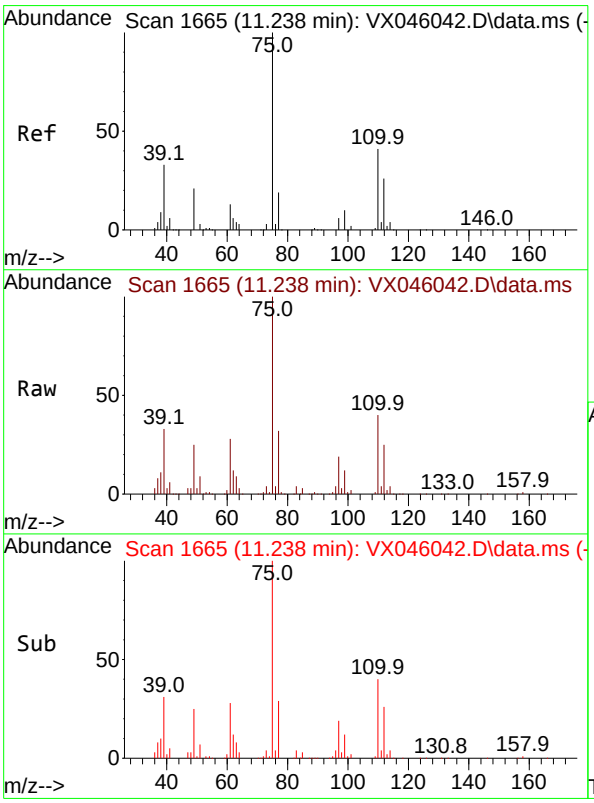
#75
1,1,2,2-Tetrachloroethane
Concen: 34.495 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 90975

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.8	31.9	95.7

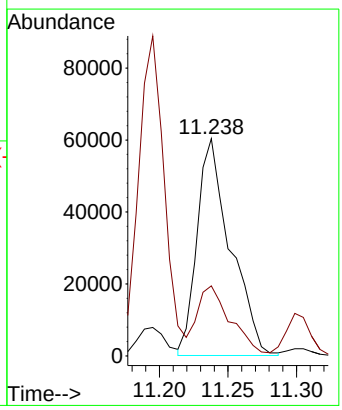


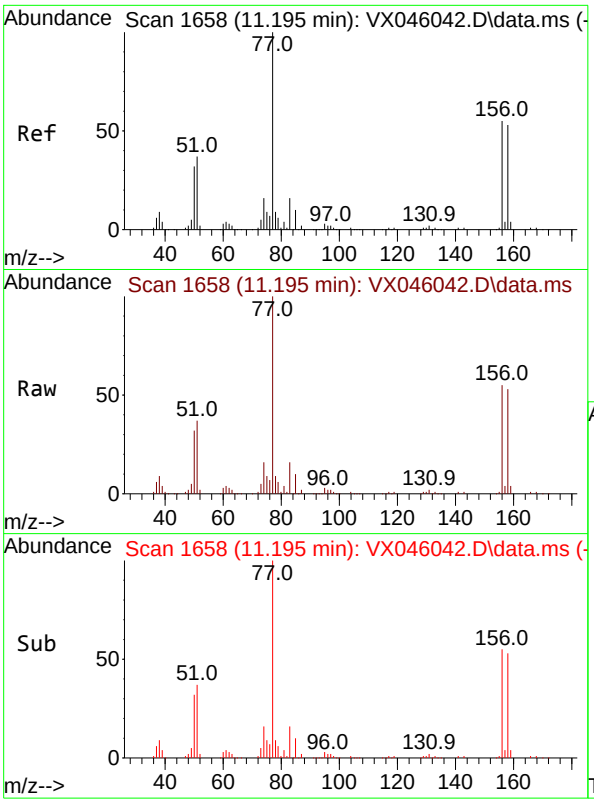


#76
1,2,3-Trichloropropane
Concen: 36.110 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 102335

Ion	Ratio	Lower	Upper
75	100		
77	32.3	20.5	61.5



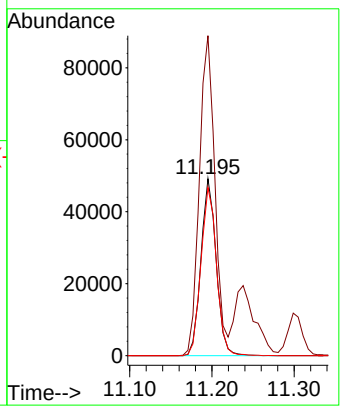


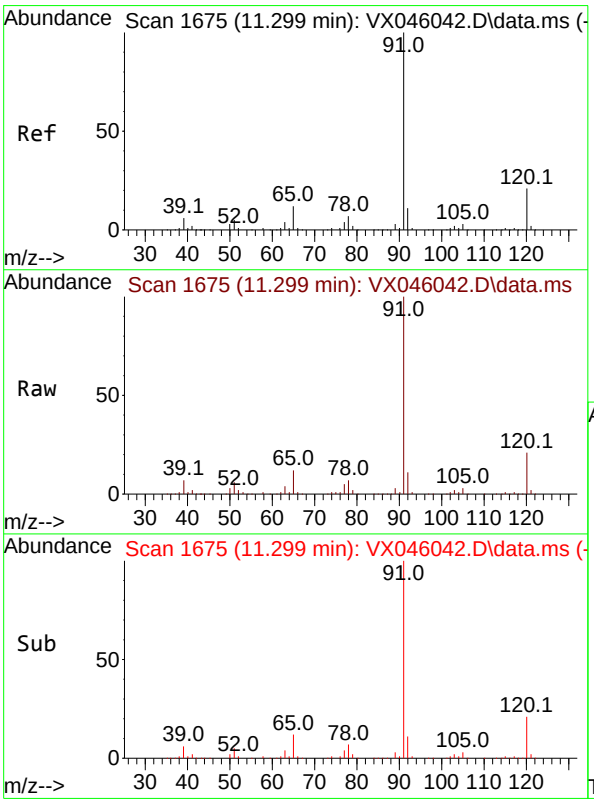
#77
Bromobenzene
Concen: 36.763 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 63053

Ion	Ratio	Lower	Upper
156	100		
77	185.5	92.8	278.3
158	97.5	48.8	146.3

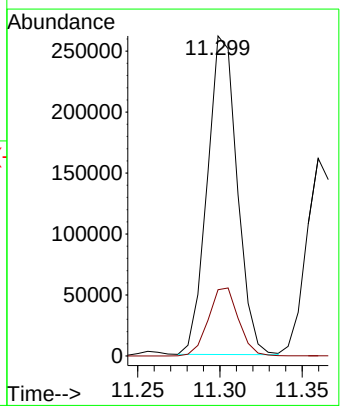


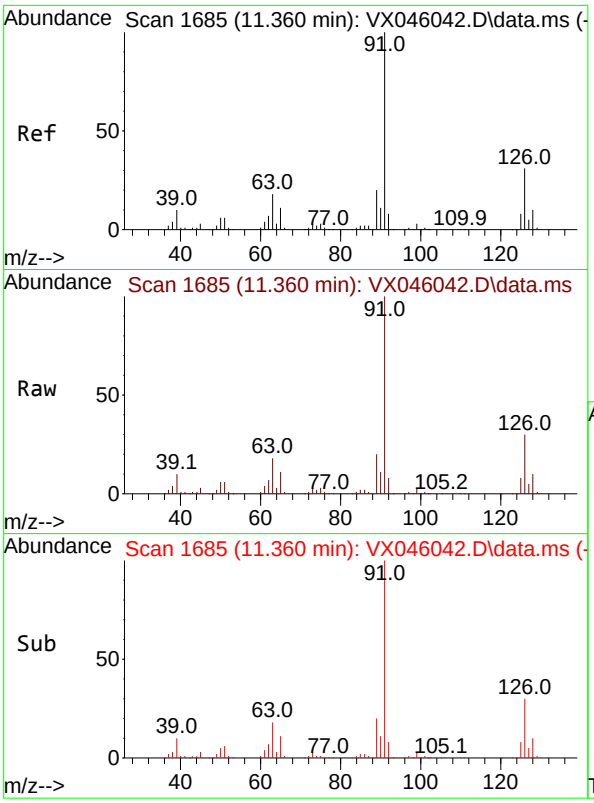


#78
n-propylbenzene
Concen: 39.707 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 329981

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4



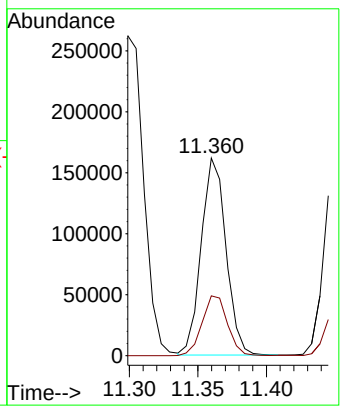


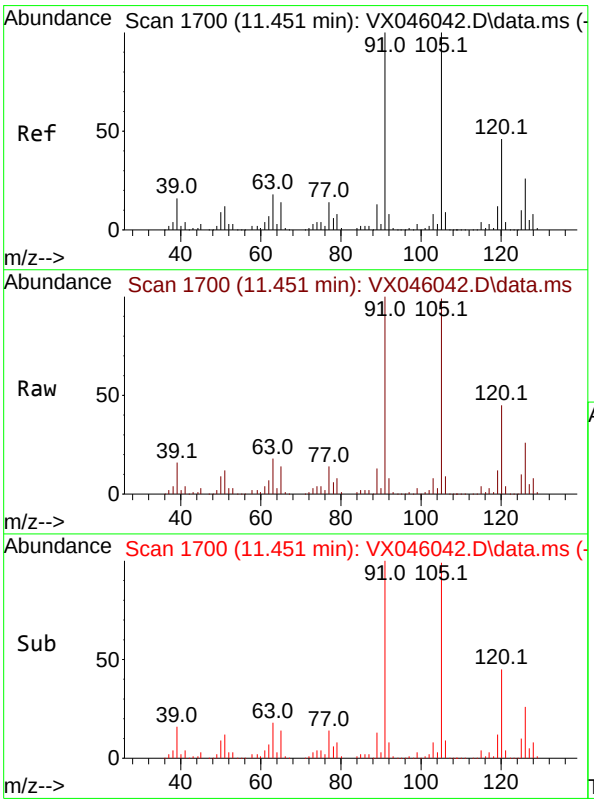
#79
2-Chlorotoluene
Concen: 36.336 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 203509

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7

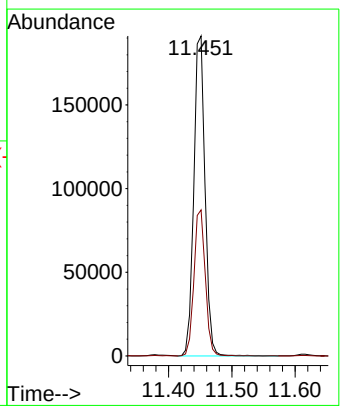


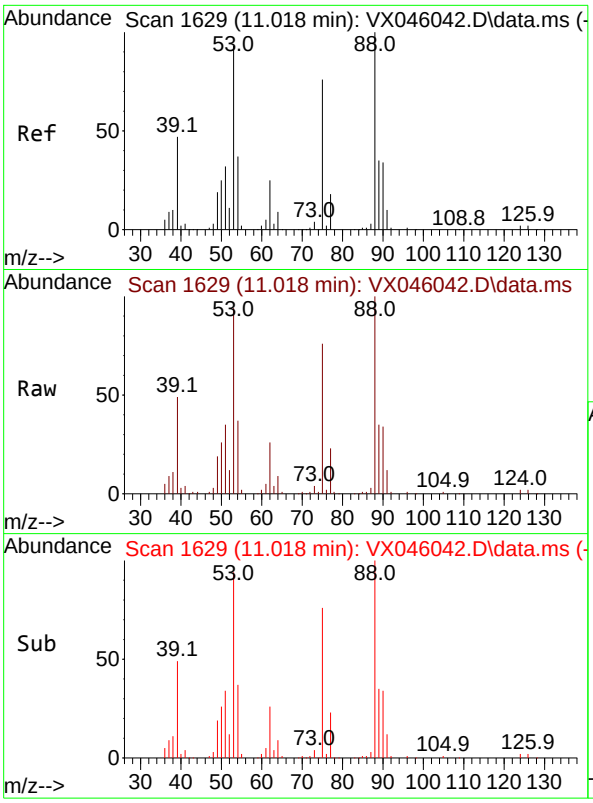


#80
1,3,5-Trimethylbenzene
Concen: 38.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:105 Resp: 237066

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2



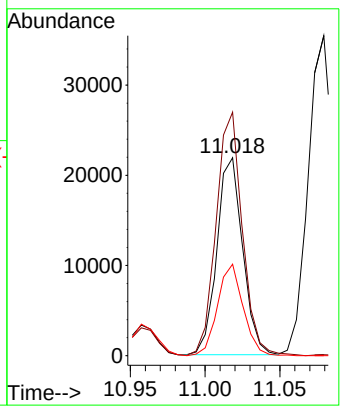


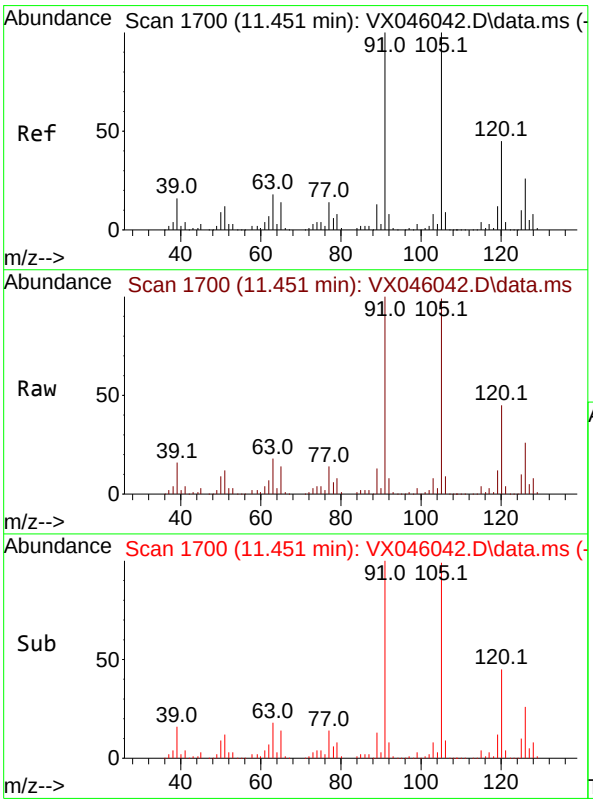
#81
trans-1,4-Dichloro-2-butene
Concen: 38.445 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 26179

Ion	Ratio	Lower	Upper
75	100		
53	125.6	100.5	150.7
89	46.3	37.0	55.6

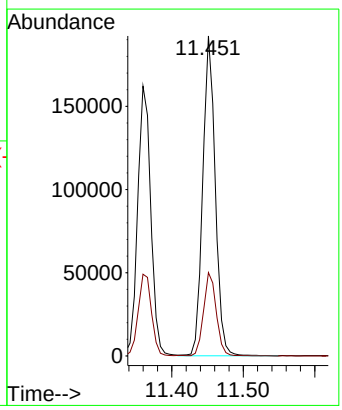


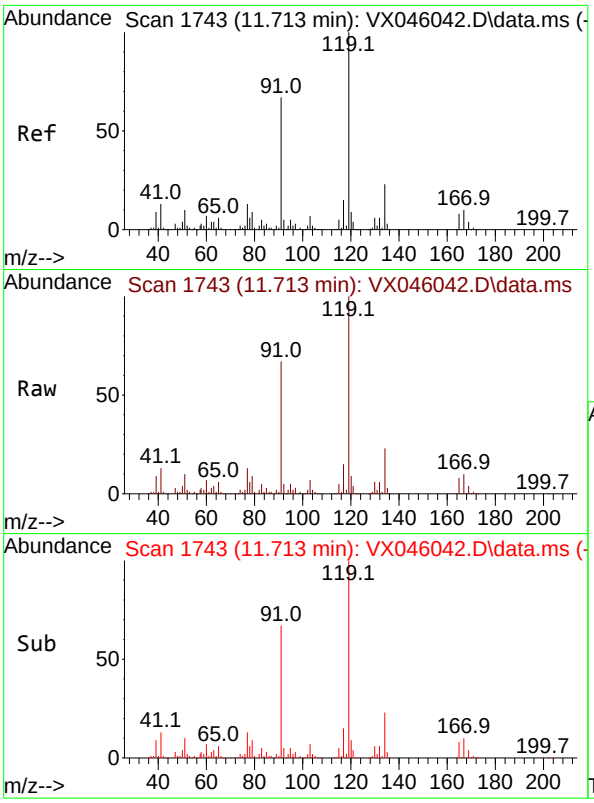


#82
4-Chlorotoluene
Concen: 37.880 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 233172

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



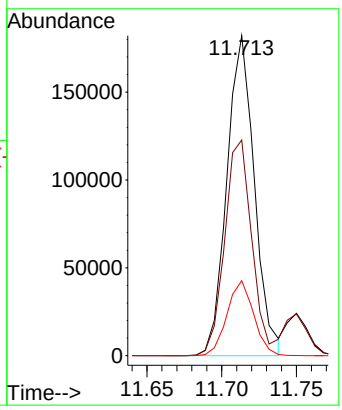


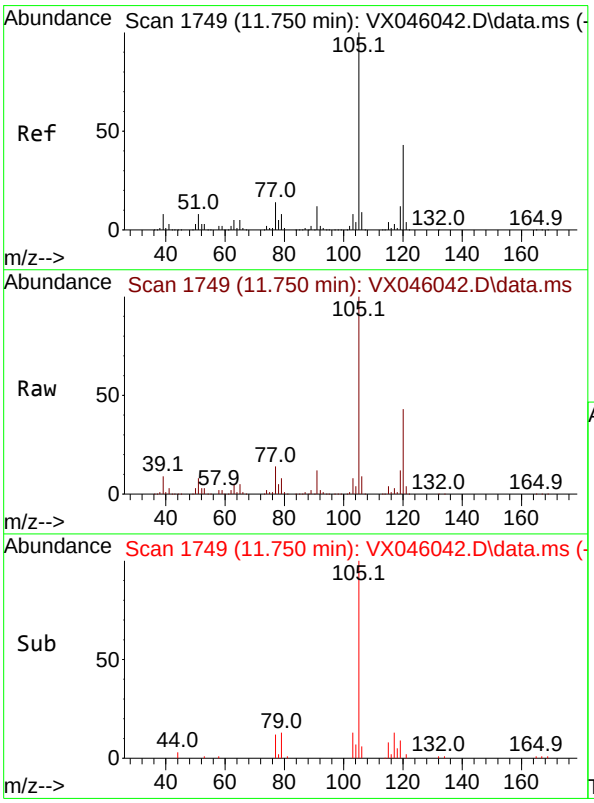
#83
tert-Butylbenzene
Concen: 38.622 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 233468

Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.9	98.7
134	22.7	11.4	34.1

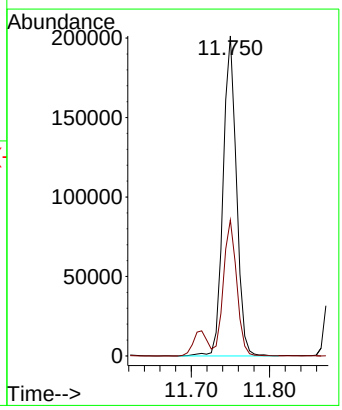


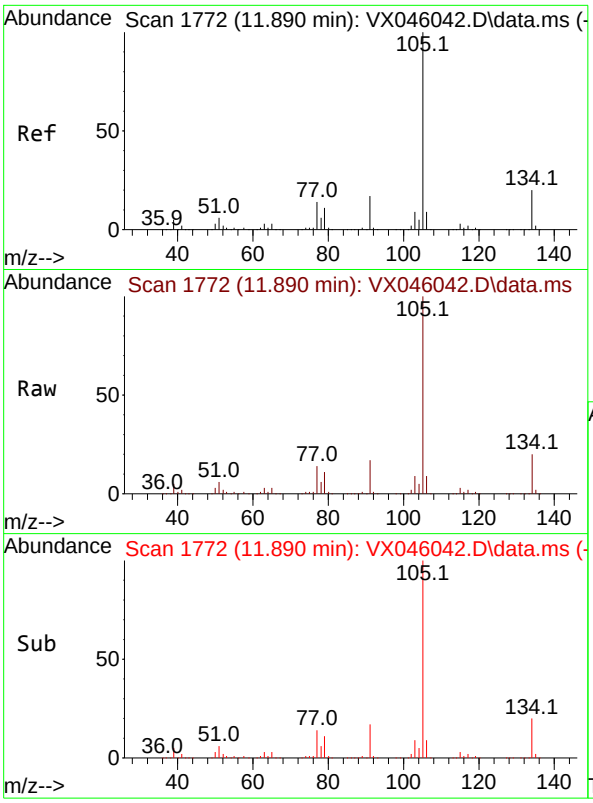


#84
1,2,4-Trimethylbenzene
Concen: 38.946 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:105 Resp: 239433

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6



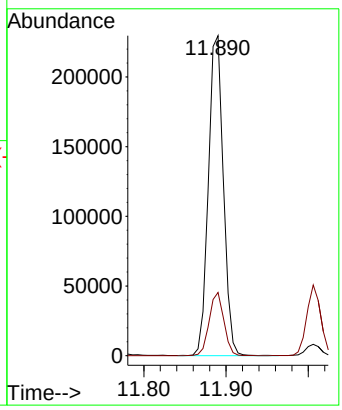


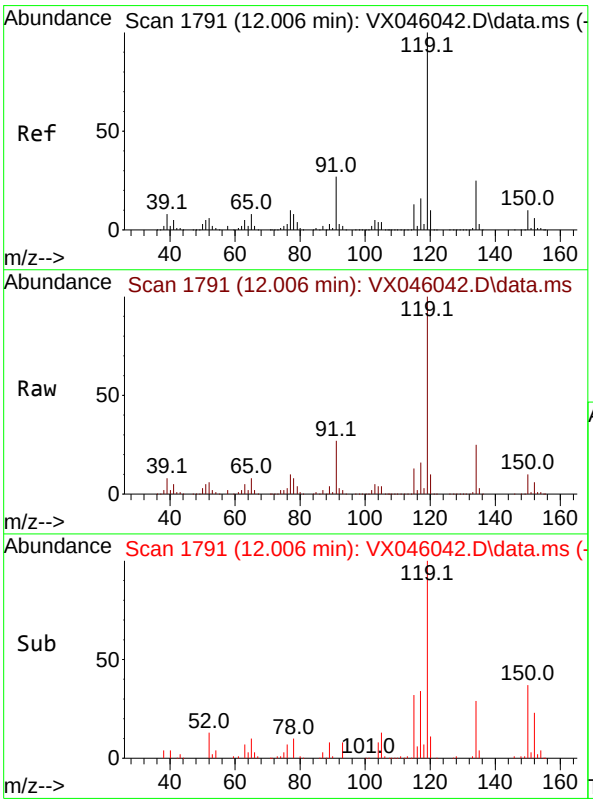
#85
sec-Butylbenzene
Concen: 38.786 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 291074

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

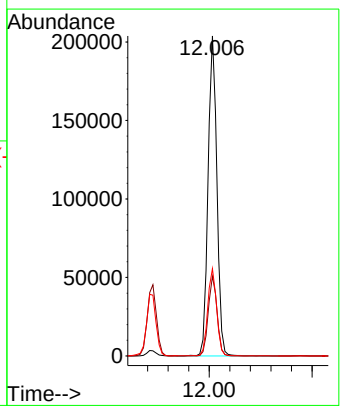


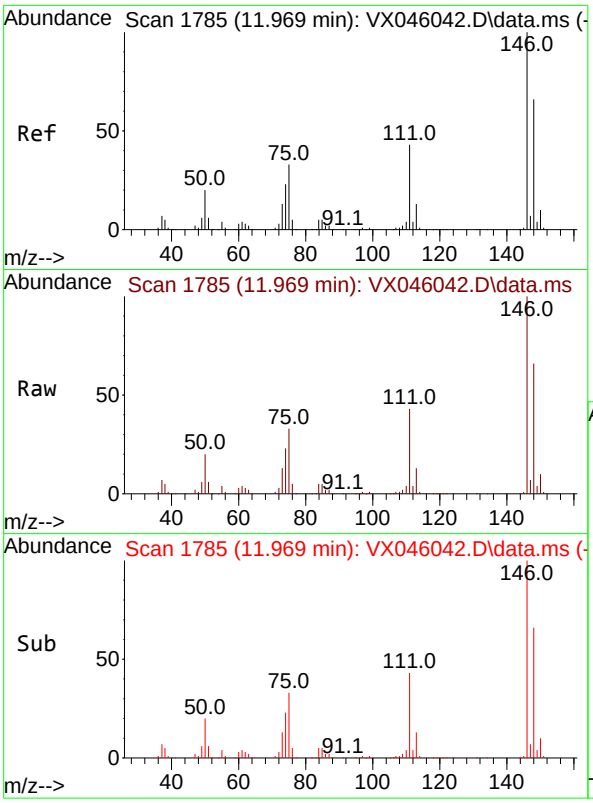


#86
p-Isopropyltoluene
Concen: 39.879 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:119 Resp: 241658

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.6	13.8	41.4



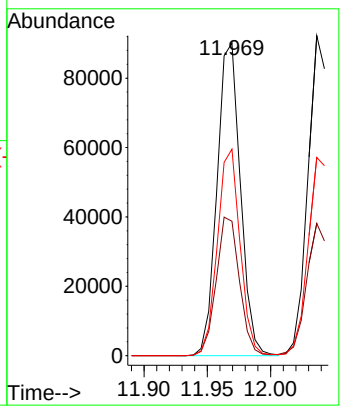


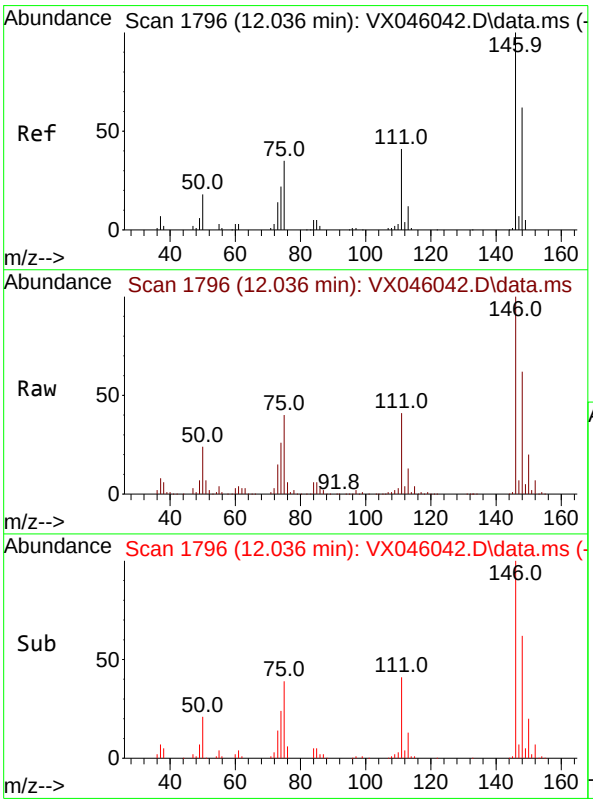
#87
1,3-Dichlorobenzene
Concen: 36.199 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 115651

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.3
148	64.3	32.1	96.5

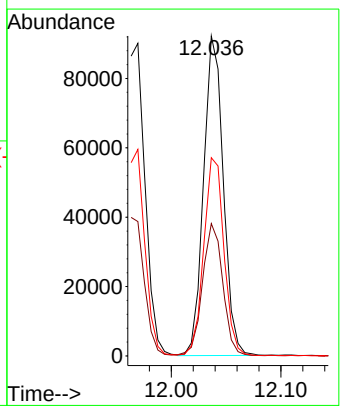


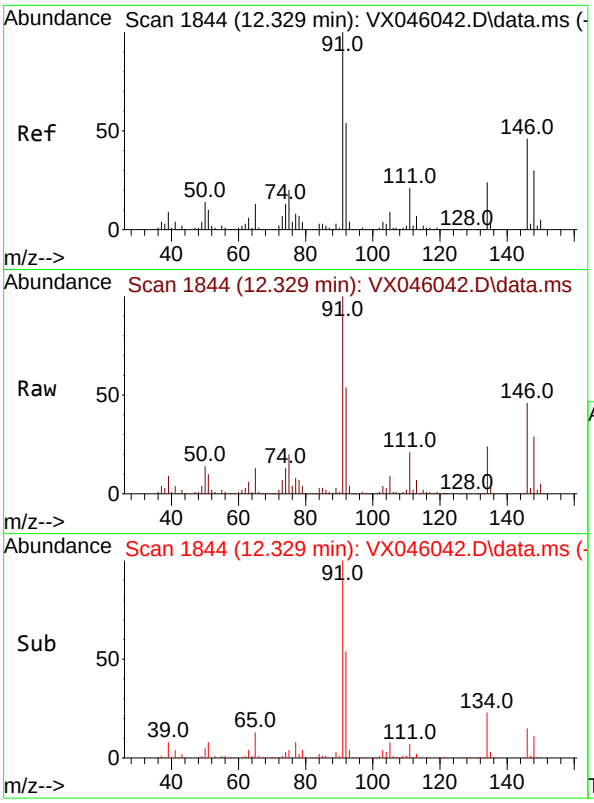


#88
1,4-Dichlorobenzene
Concen: 36.763 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:146 Resp: 115097

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.7	31.9	95.5



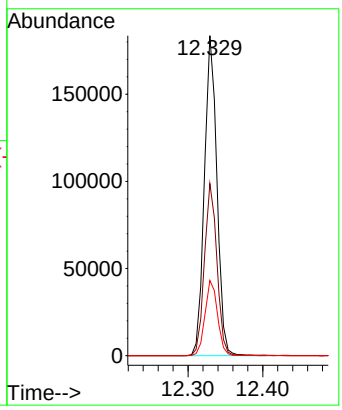


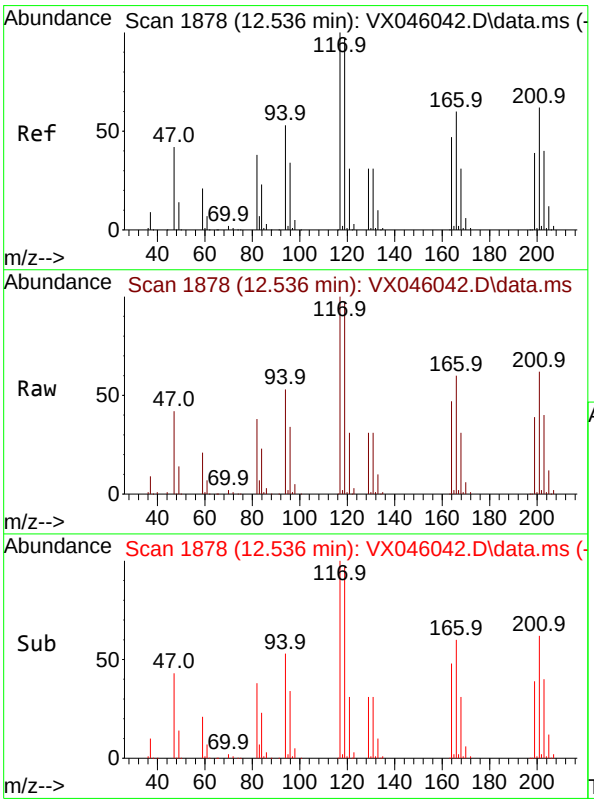
#89
n-Butylbenzene
Concen: 40.603 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 213899

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.7
134	23.5	11.8	35.3

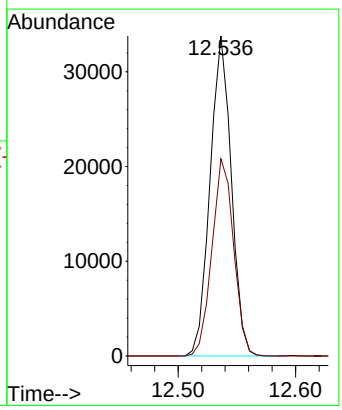


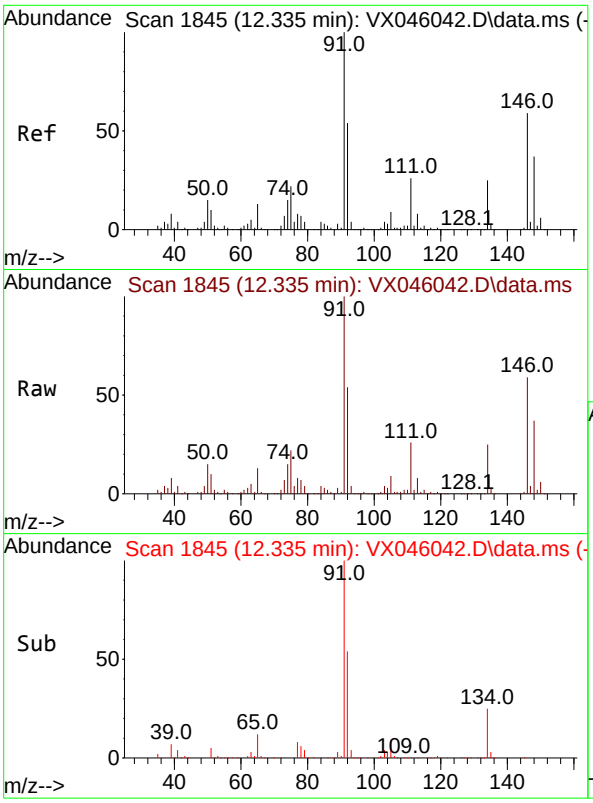


#90
Hexachloroethane
Concen: 37.534 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 42314

Ion	Ratio	Lower	Upper
117	100		
201	63.1	31.6	94.7



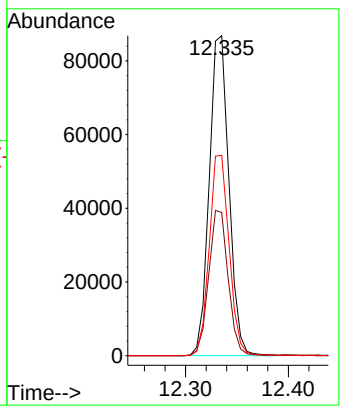


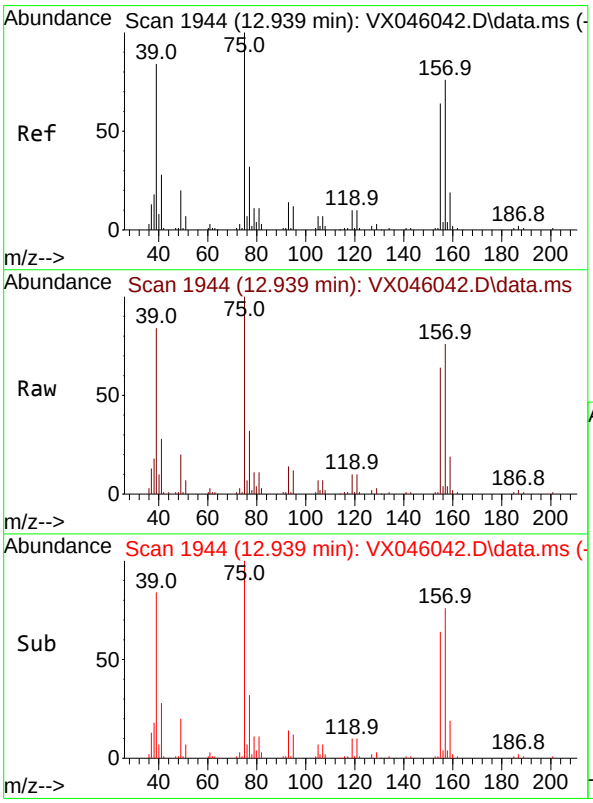
#91
1,2-Dichlorobenzene
Concen: 37.047 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 115286

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.3
148	63.2	31.6	94.8

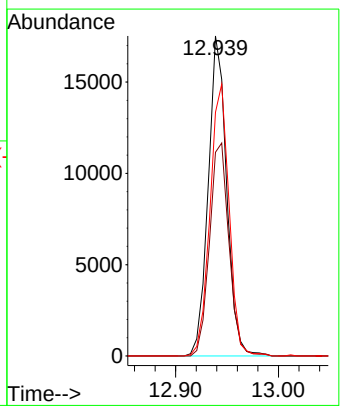


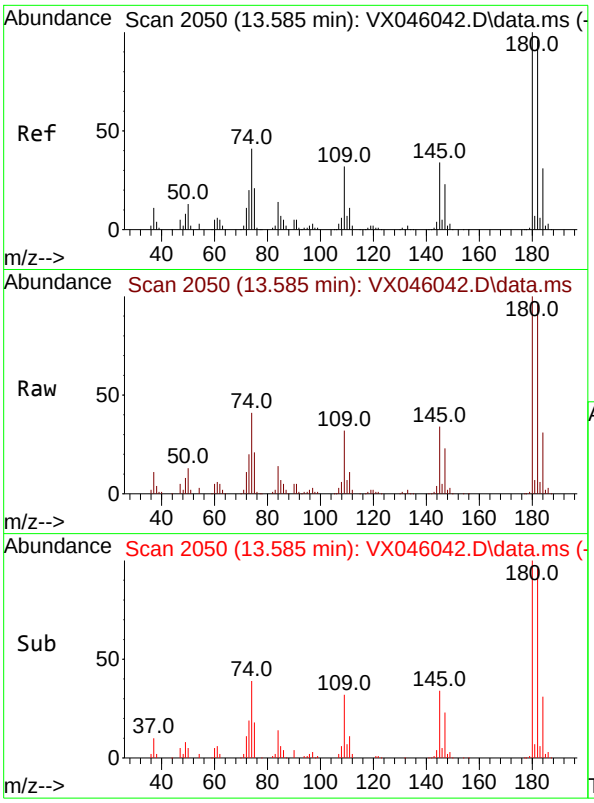


#92
1,2-Dibromo-3-Chloropropane
Concen: 36.496 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 21909

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	87.6	43.8	131.4



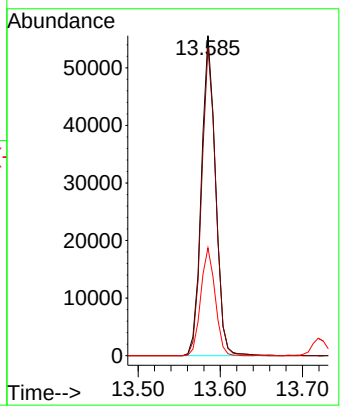


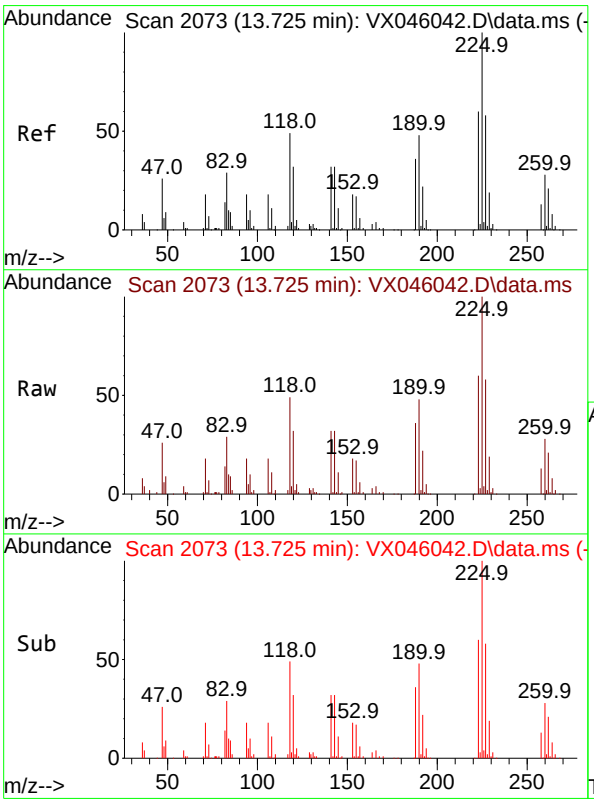
#93
1,2,4-Trichlorobenzene
Concen: 39.117 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 66655

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	34.1	17.1	51.2

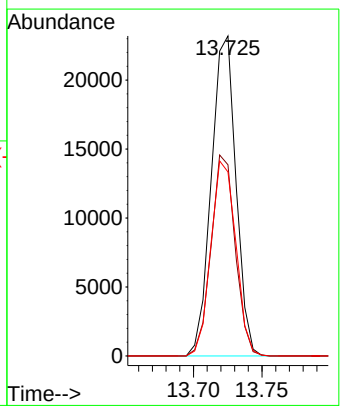


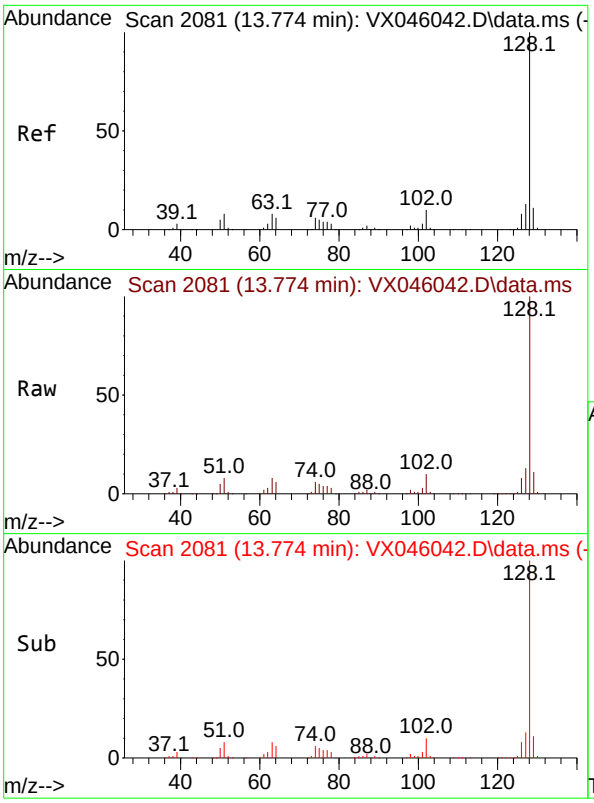


#94
Hexachlorobutadiene
Concen: 36.395 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:225 Resp: 29007

Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.4
227	61.8	30.9	92.7



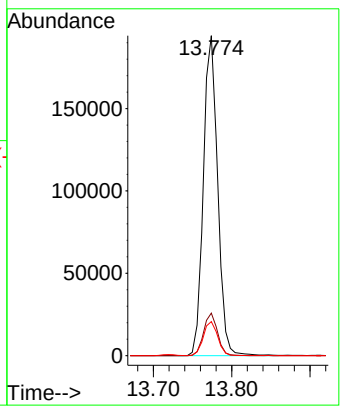


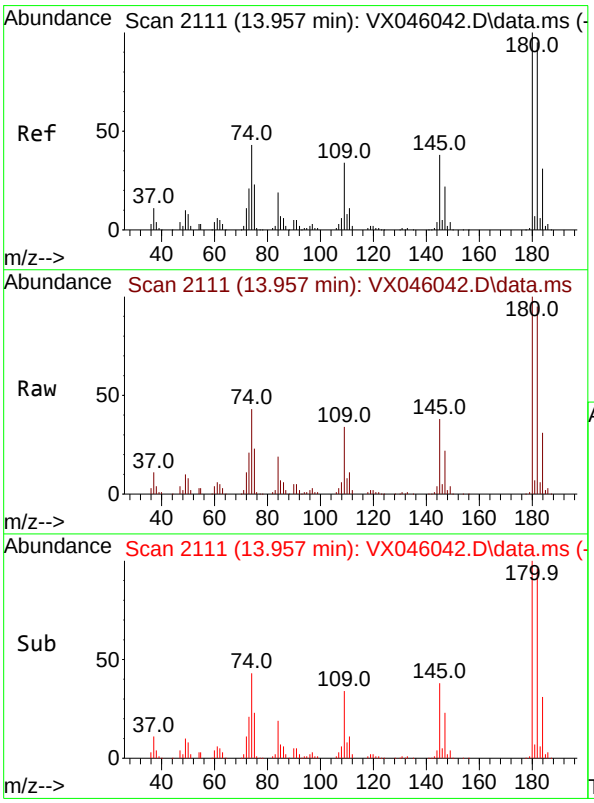
#95
Naphthalene
Concen: 39.575 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 245568

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

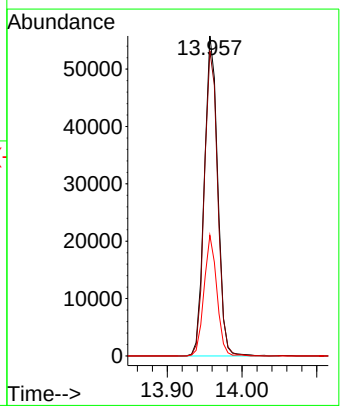




#96
1,2,3-Trichlorobenzene
Concen: 38.765 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:180 Resp: 69262

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	36.2	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161877	62.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125			Recovery = 125.060%#		
35) Dibromofluoromethane	5.379	113	111455	65.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 130.020%#		
50) Toluene-d8	8.647	98	387230	67.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113			Recovery = 134.060%#		
62) 4-Bromofluorobenzene	11.079	95	153085	72.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121			Recovery = 145.640%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	149508	77.828	ug/l	99
3) Chloromethane	1.307	50	136937	72.392	ug/l	98
4) Vinyl Chloride	1.374	62	126609	76.398	ug/l	98
5) Bromomethane	1.593	94	59246	70.507	ug/l	99
6) Chloroethane	1.660	64	57332	67.148	ug/l	99
7) Trichlorofluoromethane	1.867	101	171042	67.754	ug/l	99
8) Diethyl Ether	2.136	74	58762	70.807	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	109520	72.604	ug/l	99
10) Methyl Iodide	2.440	142	138045	77.943	ug/l	100
11) Tert butyl alcohol	2.995	59	125094	405.394	ug/l	100
12) 1,1-Dichloroethene	2.306	96	105566	71.884	ug/l	96
13) Acrolein	2.239	56	134456	375.132	ug/l	99
14) Allyl chloride	2.660	41	206519	74.419	ug/l	98
15) Acrylonitrile	3.068	53	331142	358.723	ug/l	97
16) Acetone	2.386	43	314383	354.936	ug/l	98
17) Carbon Disulfide	2.501	76	264956	77.867	ug/l	100
18) Methyl Acetate	2.703	43	147014	69.531	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	378113	73.818	ug/l	100
20) Methylene Chloride	2.782	84	120270	67.030	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	106606	71.109	ug/l	99
22) Diisopropyl ether	3.763	45	399494	77.048	ug/l	90
23) Vinyl Acetate	3.721	43	1811550	395.363	ug/l	100
24) 1,1-Dichloroethane	3.605	63	219759	72.114	ug/l	99
25) 2-Butanone	4.556	43	485448	379.704	ug/l	100
26) 2,2-Dichloropropane	4.464	77	174579	75.621	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	128454	71.056	ug/l	99
28) Bromochloromethane	4.891	49	103602	63.932	ug/l	100
29) Tetrahydrofuran	5.001	42	305757	368.234	ug/l	99
30) Chloroform	5.086	83	222253	70.180	ug/l	95
31) Cyclohexane	5.458	56	196302	76.428	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	201112	73.635	ug/l	98
36) 1,1-Dichloropropene	5.690	75	147873	74.285	ug/l	99
37) Ethyl Acetate	4.714	43	186215	74.565	ug/l	99
38) Carbon Tetrachloride	5.672	117	168946	73.875	ug/l	99
39) Methylcyclohexane	7.372	83	191941	76.952	ug/l	96
40) Benzene	6.031	78	440885	71.457	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	104863	75.574	ug/l		98
42) 1,2-Dichloroethane	6.080	62	187036	73.318	ug/l		99
43) Isopropyl Acetate	6.342	43	300491	78.714	ug/l		100
44) Trichloroethene	7.123	130	105628	72.420	ug/l		98
45) 1,2-Dichloropropane	7.427	63	112554	73.420	ug/l		100
46) Dibromomethane	7.574	93	85728	70.938	ug/l		100
47) Bromodichloromethane	7.818	83	175301	74.845	ug/l		99
48) Methyl methacrylate	7.689	41	153093	78.101	ug/l		99
49) 1,4-Dioxane	7.659	88	57313	1470.687	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	963319	384.740	ug/l		100
52) Toluene	8.714	92	270763	74.010	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	169863	86.372	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	184134	80.264	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	107264	72.543	ug/l		99
56) Ethyl methacrylate	9.116	69	188717	82.359	ug/l		99
57) 1,3-Dichloropropane	9.305	76	187649	71.590	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	463169	449.791	ug/l		100
59) 2-Hexanone	9.433	43	729602	383.945	ug/l		100
60) Dibromochloromethane	9.518	129	127012	78.918	ug/l		98
61) 1,2-Dibromoethane	9.610	107	112669	74.200	ug/l		98
64) Tetrachloroethene	9.268	164	93195	67.493	ug/l		96
65) Chlorobenzene	10.079	112	293284	70.490	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	103177	74.349	ug/l		99
67) Ethyl Benzene	10.189	91	535122	75.444	ug/l		99
68) m/p-Xylenes	10.299	106	389935	152.181	ug/l		99
69) o-Xylene	10.640	106	190833	73.890	ug/l		97
70) Styrene	10.652	104	328195	79.411	ug/l		100
71) Bromoform	10.799	173	84353	80.927	ug/l	#	98
73) Isopropylbenzene	10.957	105	514528	71.083	ug/l		100
74) N-amyl acetate	10.841	43	274553	76.073	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	170481	66.207	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	196706	71.091	ug/l		86
77) Bromobenzene	11.195	156	117151	69.959	ug/l		99
78) n-propylbenzene	11.305	91	608332	74.974	ug/l		100
79) 2-Chlorotoluene	11.360	91	372392	68.100	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	432096	71.903	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	54398	81.820	ug/l		93
82) 4-Chlorotoluene	11.451	91	432053	71.890	ug/l		100
83) tert-Butylbenzene	11.713	119	432011	73.197	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	442728	73.758	ug/l		100
85) sec-Butylbenzene	11.890	105	543597	74.188	ug/l		100
86) p-Isopropyltoluene	12.006	119	457898	77.393	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	219753	70.449	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	217613	71.190	ug/l		99
89) n-Butylbenzene	12.329	91	416602	80.996	ug/l		100
90) Hexachloroethane	12.536	117	82528	74.978	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	216834	71.367	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43673	74.512	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	137430	82.605	ug/l		98
94) Hexachlorobutadiene	13.725	225	55494	71.314	ug/l		98
95) Naphthalene	13.774	128	489778	80.842	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	139525	79.981	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

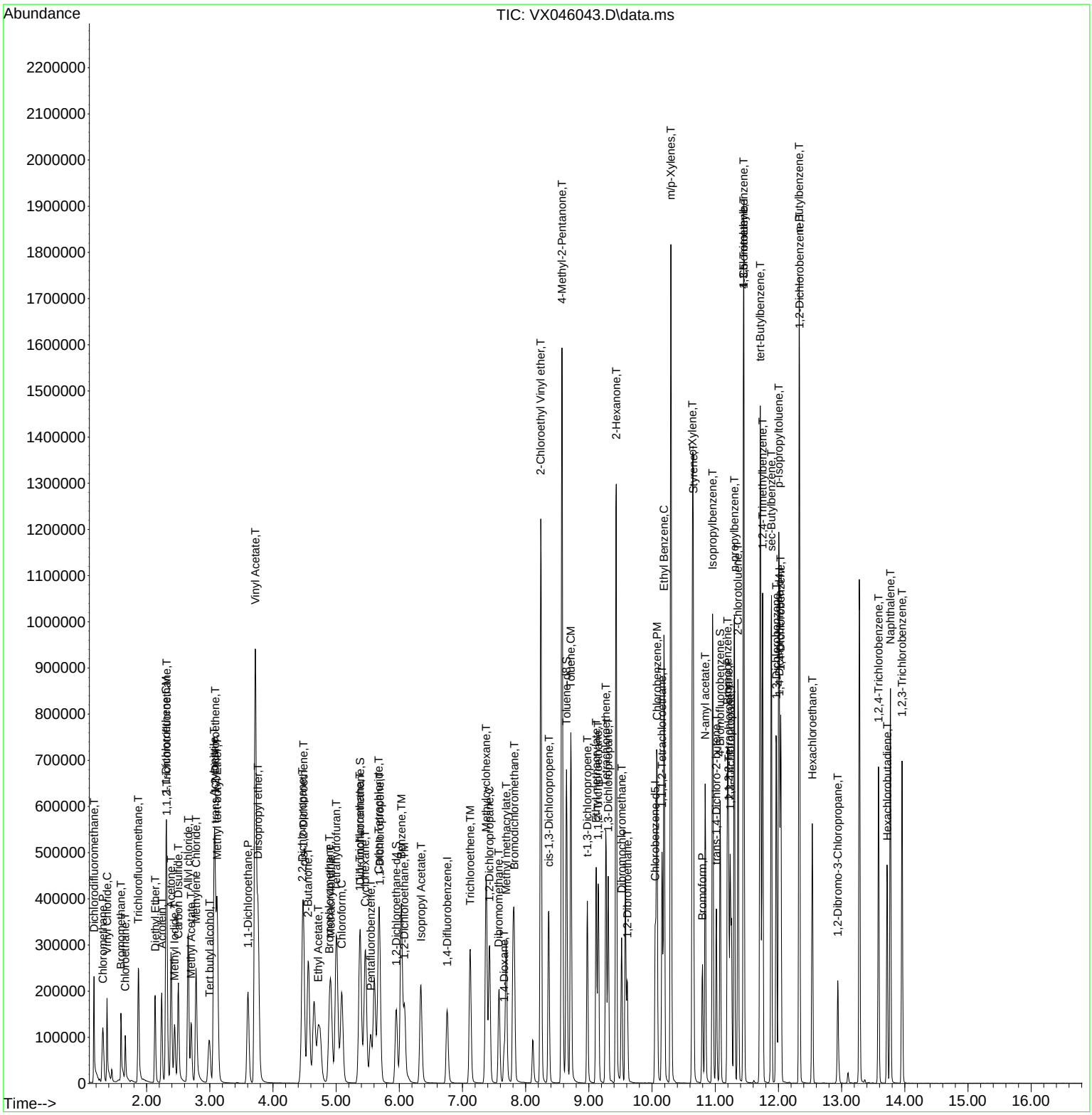
(#) = qualifier out of range (m) = manual integration (+) = signals summed

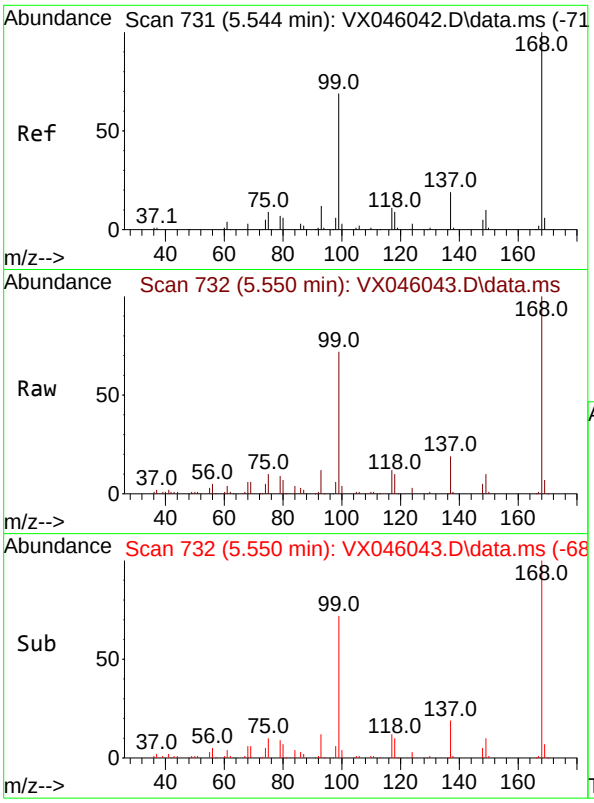
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



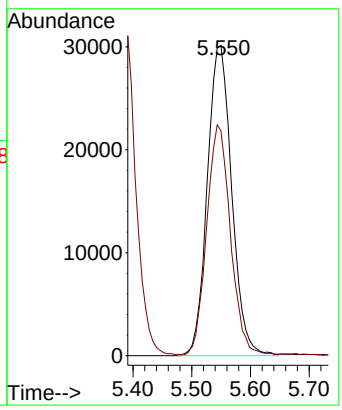


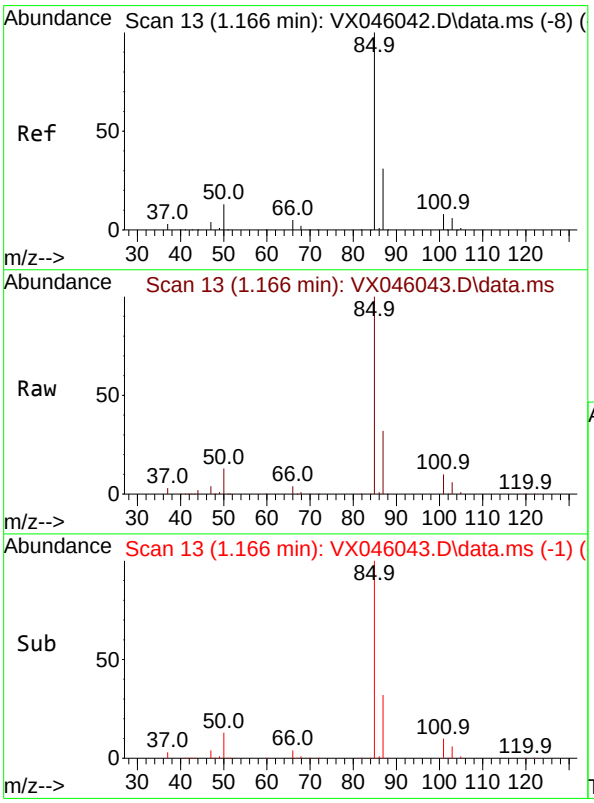
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 87028

Ion	Ratio	Lower	Upper
168	100		
99	72.1	54.9	82.3

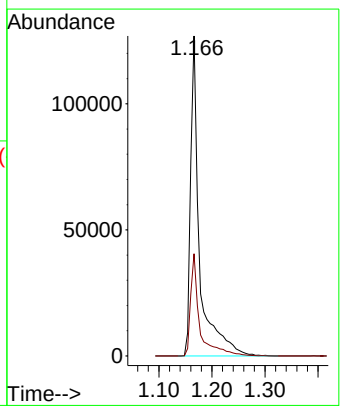


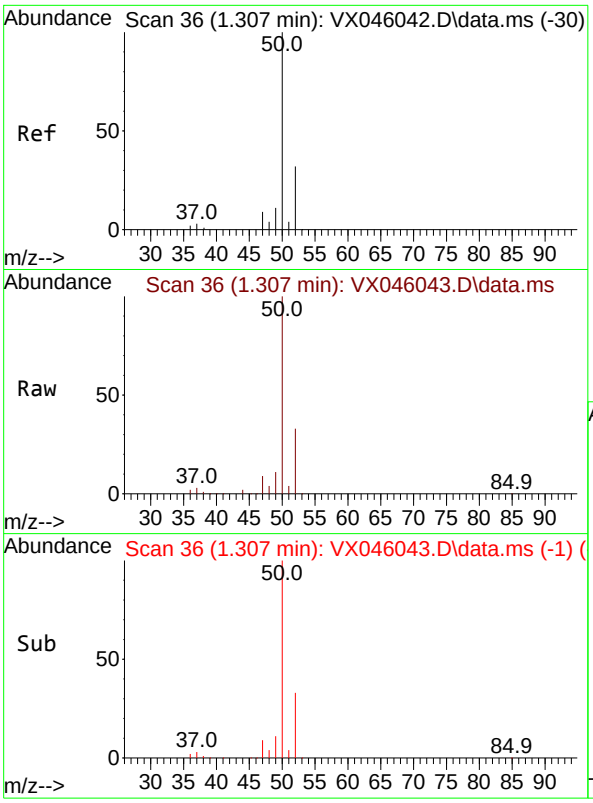


#2
Dichlorodifluoromethane
Concen: 77.828 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 85 Resp: 149508

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.7	47.1



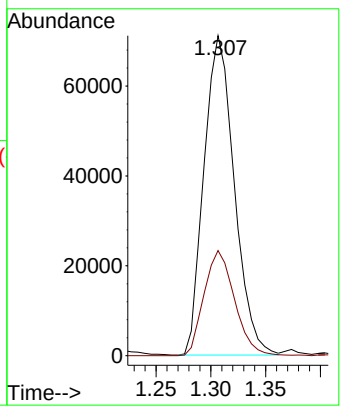


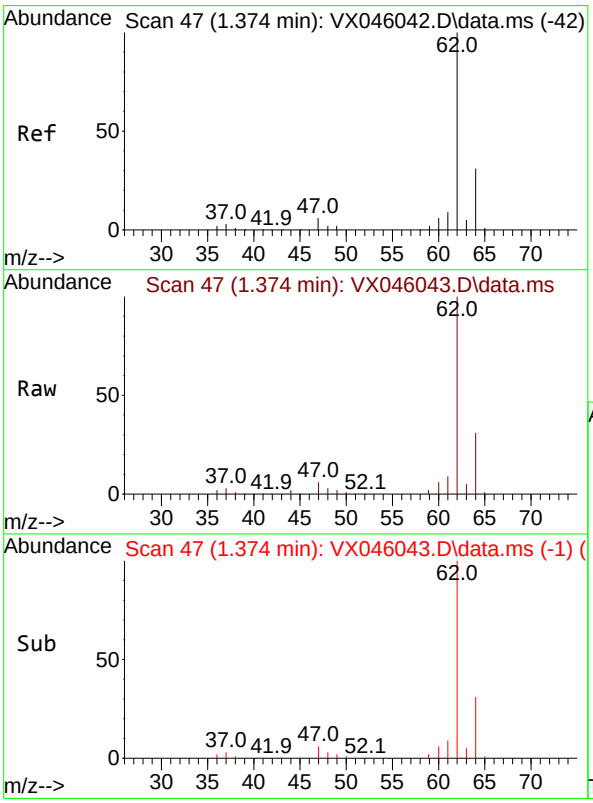
#3
Chloromethane
Concen: 72.392 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 136937

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.4	38.2

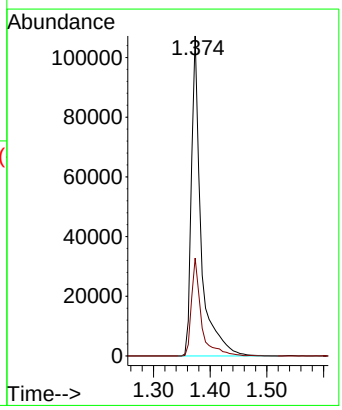


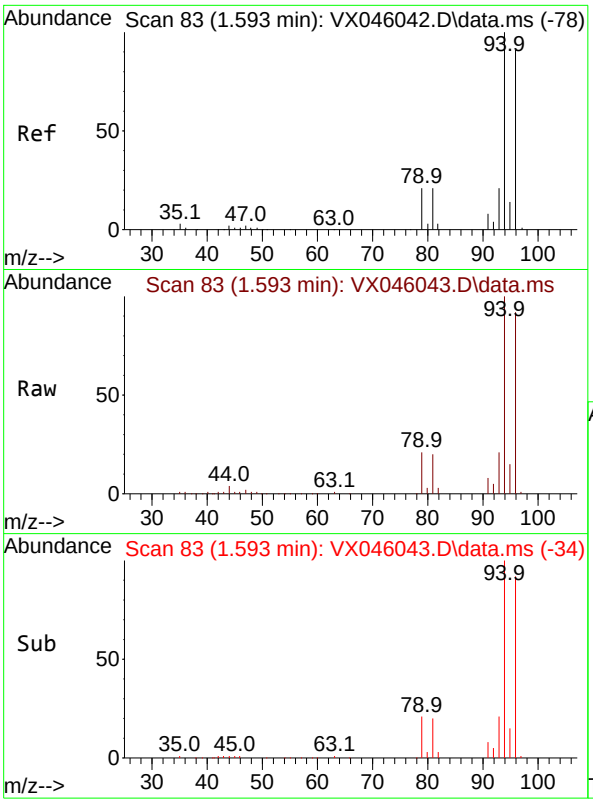


#4
Vinyl Chloride
Concen: 76.398 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 62 Resp: 126609

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.2	37.8



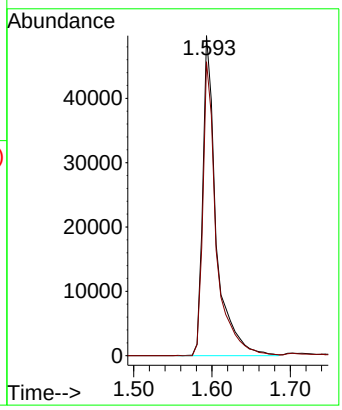


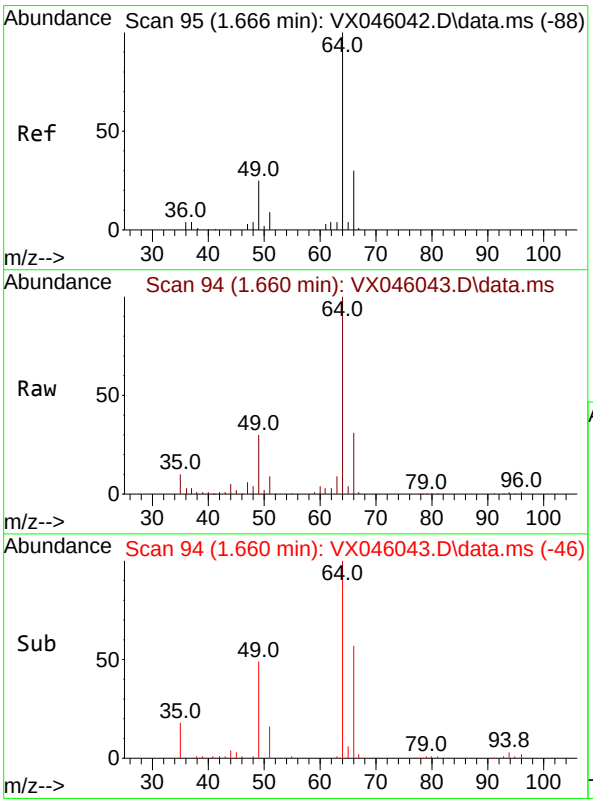
#5
Bromomethane
Concen: 70.507 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 59246

Ion	Ratio	Lower	Upper
94	100		
96	91.7	72.8	109.2

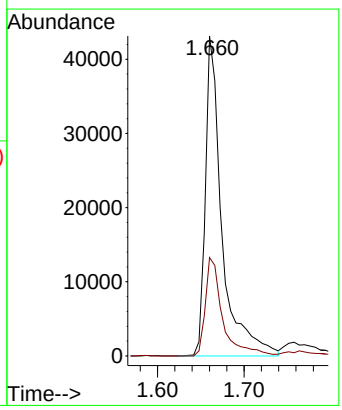


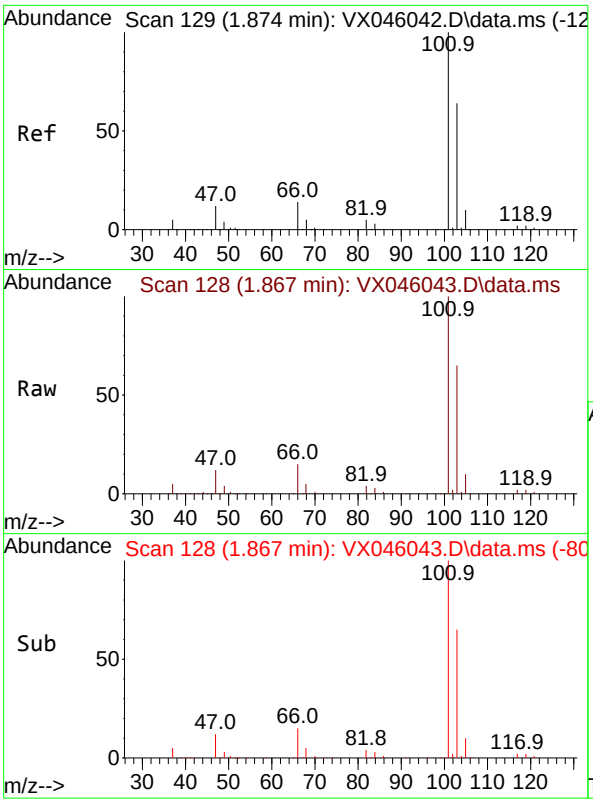


#6
Chloroethane
Concen: 67.148 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 64 Resp: 57332

Ion	Ratio	Lower	Upper
64	100		
66	30.8	24.3	36.5



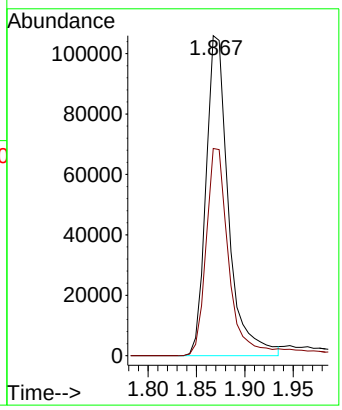


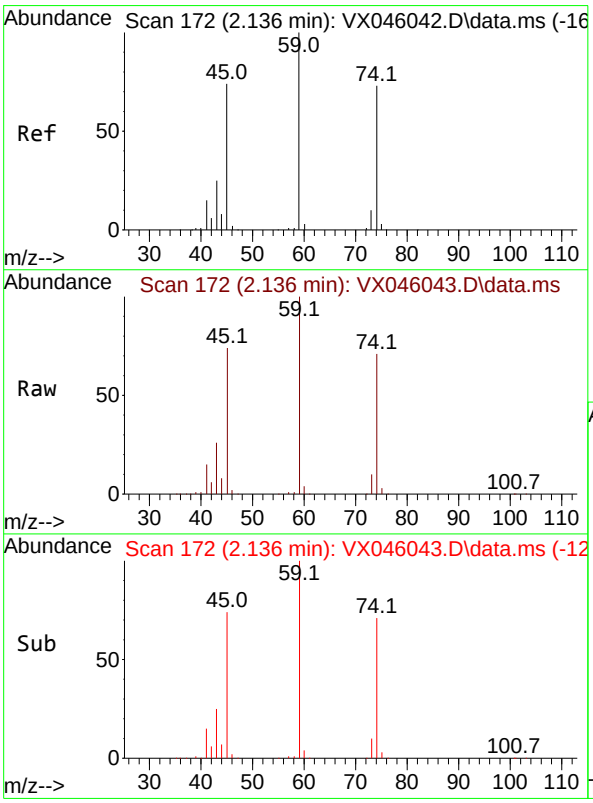
#7
Trichlorofluoromethane
Concen: 67.754 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 171042

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

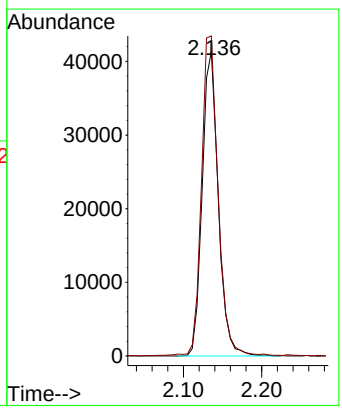


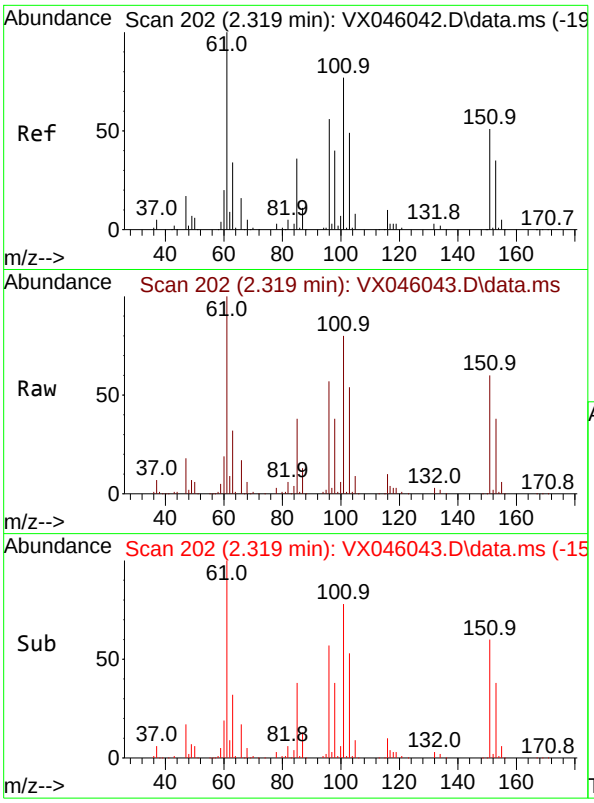


#8
Diethyl Ether
Concen: 70.807 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 74 Resp: 58762

Ion	Ratio	Lower	Upper
74	100		
45	110.1	54.9	164.8



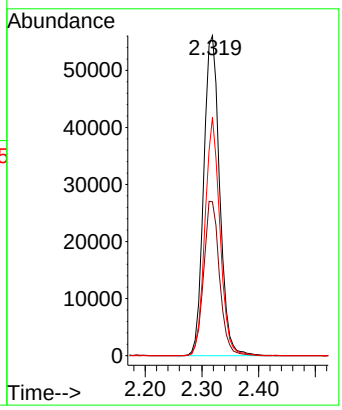


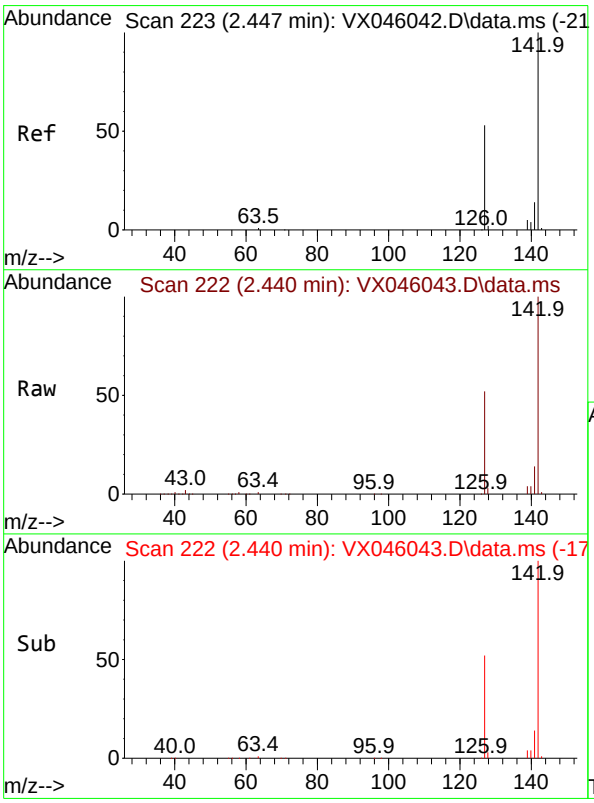
#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.604 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 109520

Ion	Ratio	Lower	Upper
101	100		
85	48.1	38.6	58.0
151	69.9	55.2	82.8

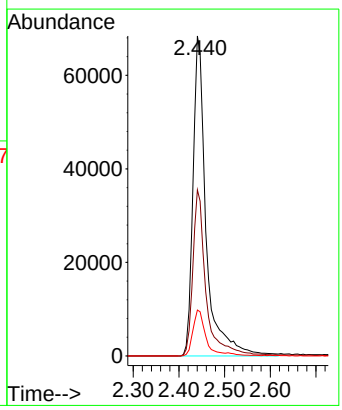


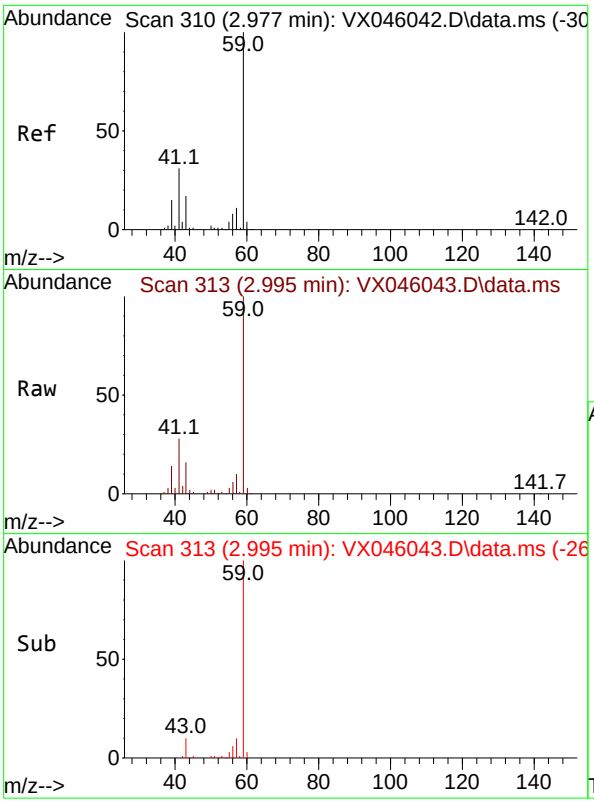


#10
Methyl Iodide
Concen: 77.943 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:142 Resp: 138045

Ion	Ratio	Lower	Upper
142	100		
127	52.0	41.7	62.5
141	14.5	11.5	17.3



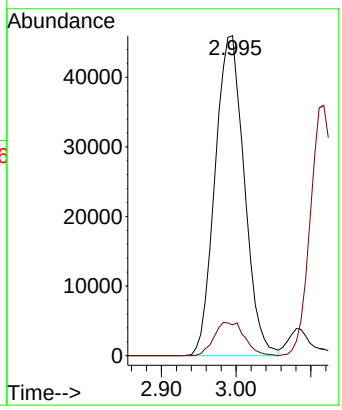


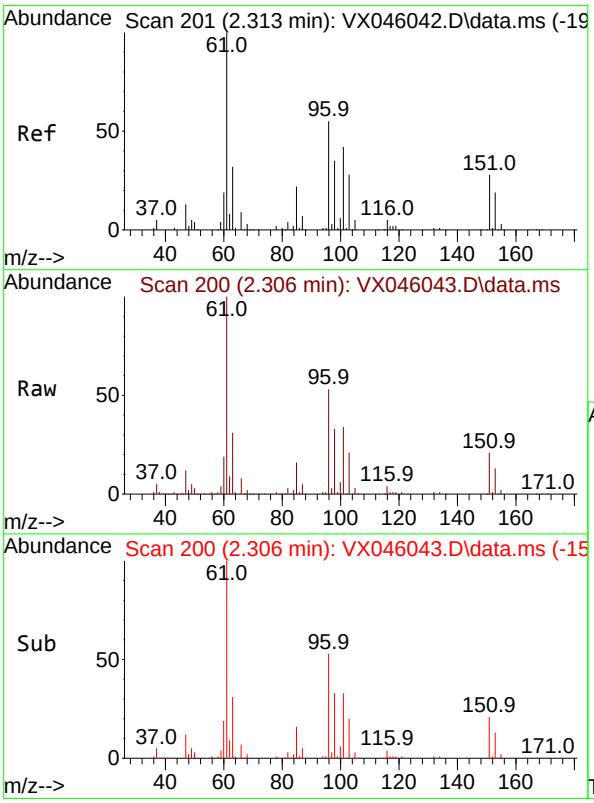
#11
Tert butyl alcohol
Concen: 405.394 ug/l
RT: 2.995 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 125094

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

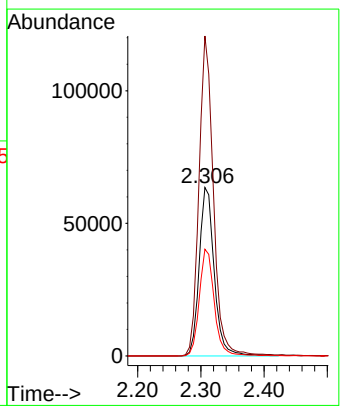


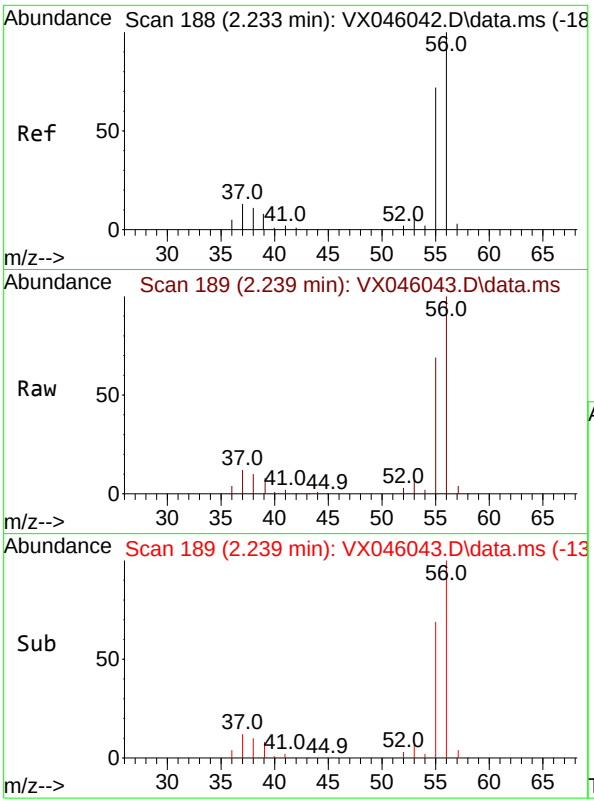


#12
1,1-Dichloroethene
Concen: 71.884 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 96 Resp: 105566

Ion	Ratio	Lower	Upper
96	100		
61	189.9	146.2	219.2
98	63.3	51.0	76.6



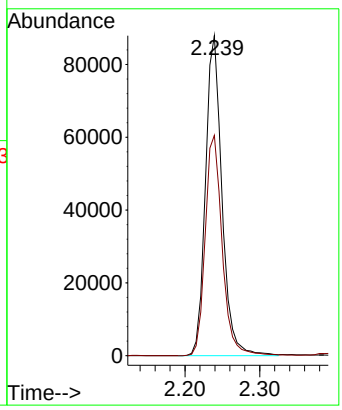


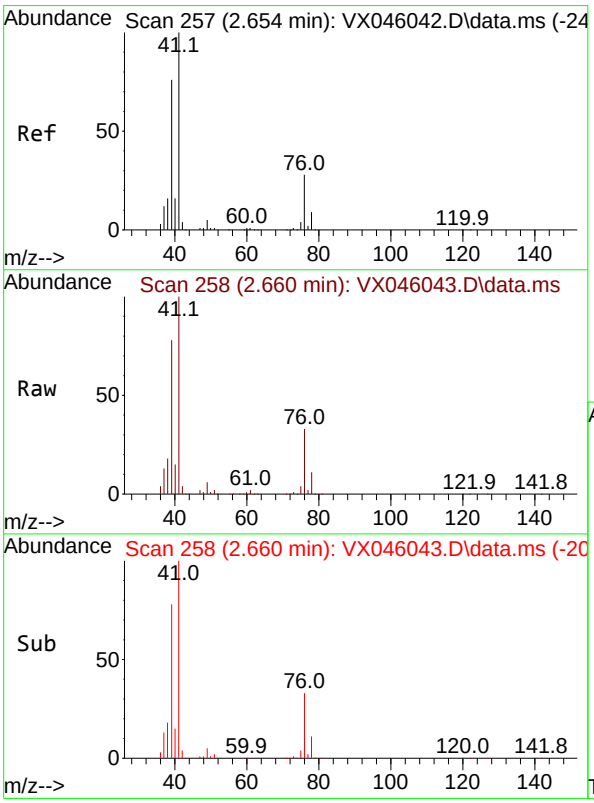
#13
Acrolein
Concen: 375.132 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 134456

Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.2	84.4

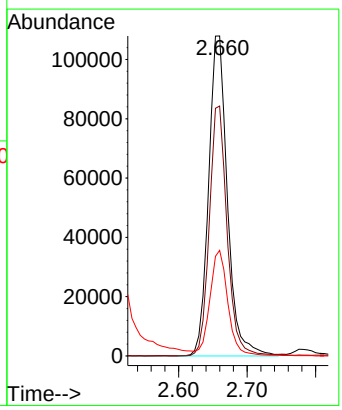


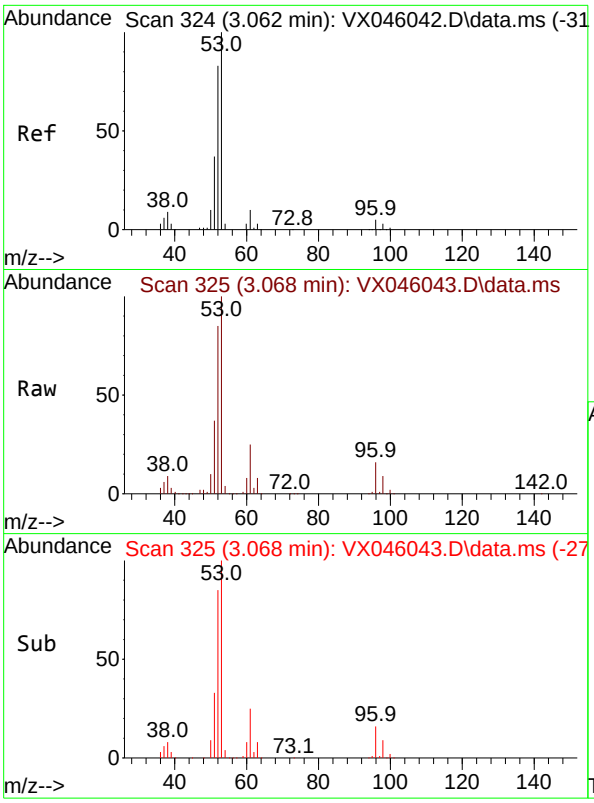


#14
Allyl chloride
Concen: 74.419 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 41 Resp: 206519

Ion	Ratio	Lower	Upper
41	100		
39	73.8	60.6	90.8
76	31.4	24.9	37.3



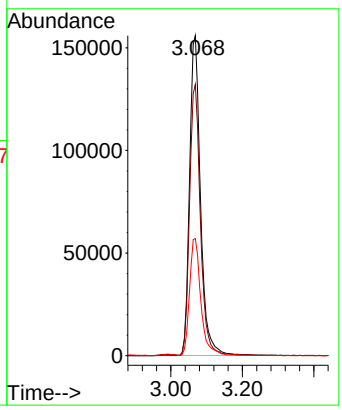


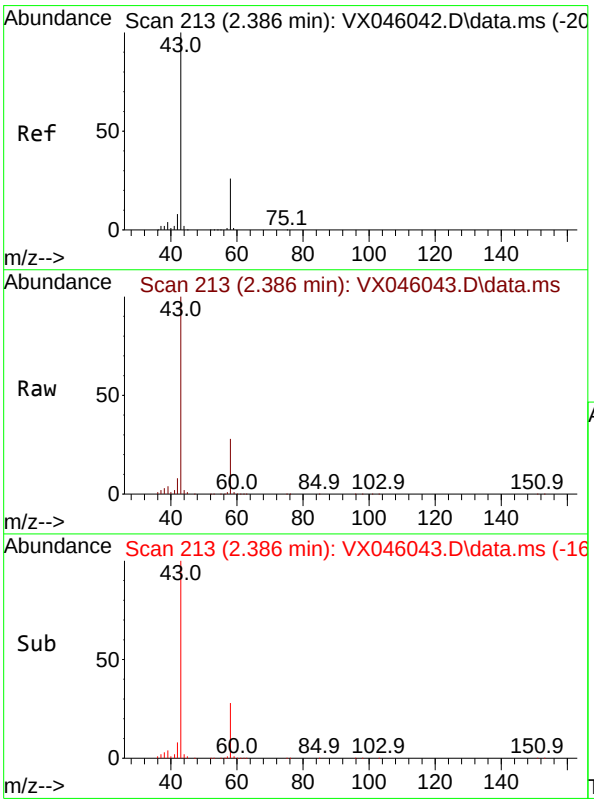
#15
Acrylonitrile
Concen: 358.723 ug/l
RT: 3.068 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 331142

Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.3	97.9
51	37.9	29.8	44.8

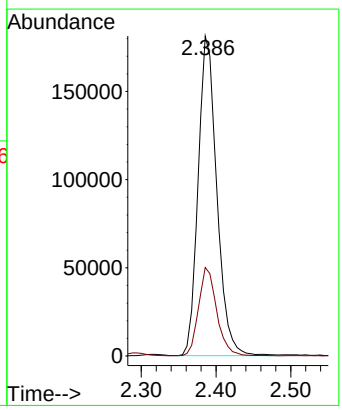


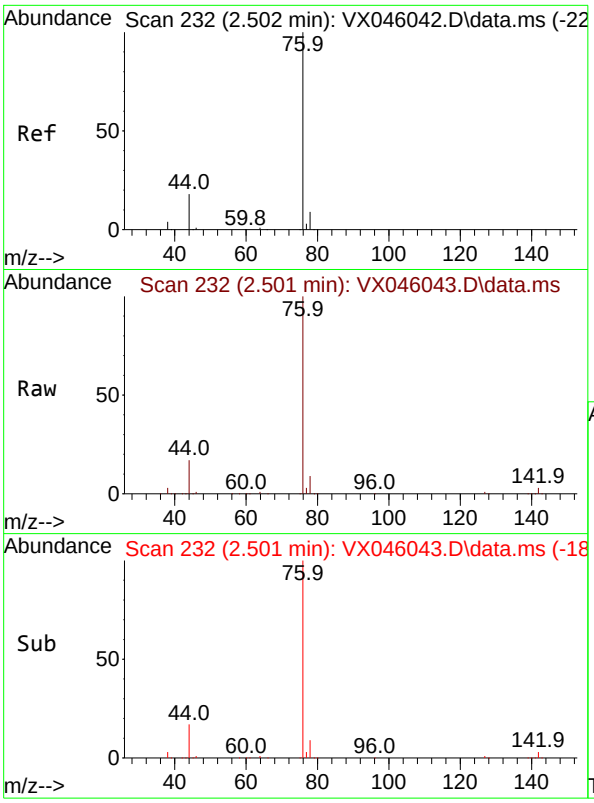


#16
Acetone
Concen: 354.936 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 314383

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8



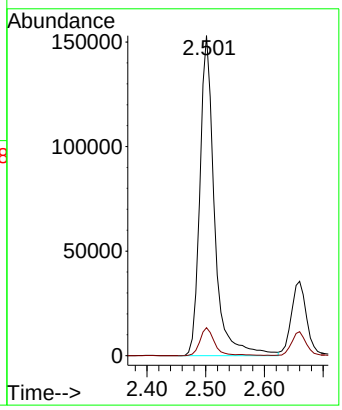


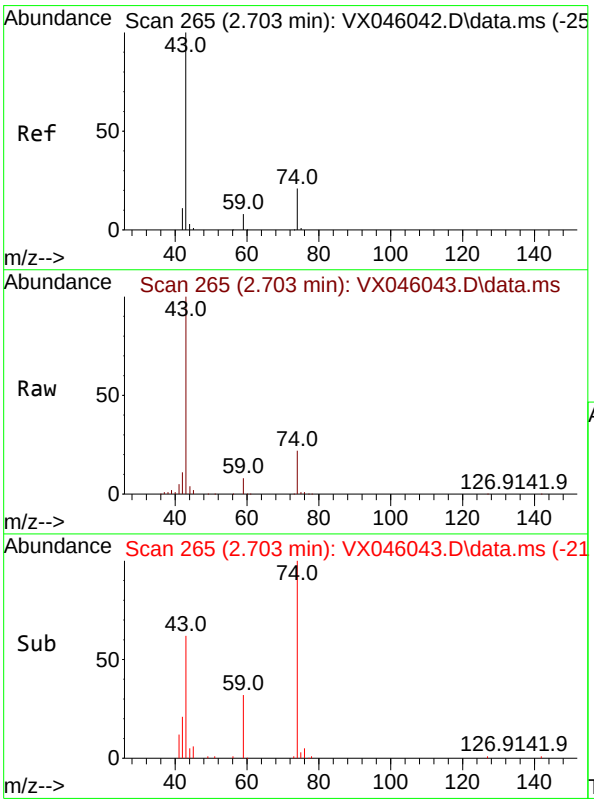
#17
Carbon Disulfide
Concen: 77.867 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 264956

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

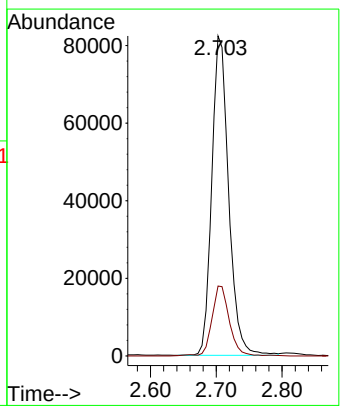


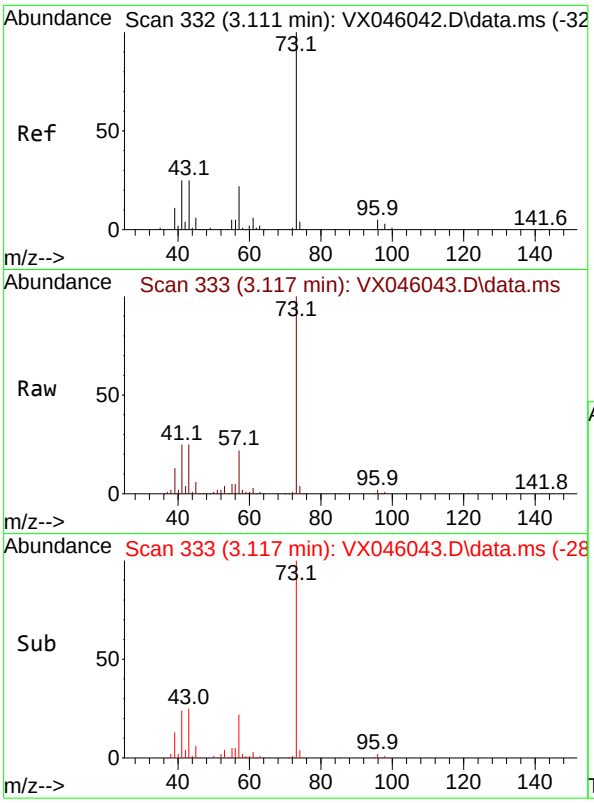


#18
Methyl Acetate
Concen: 69.531 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 147014

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.7	25.1



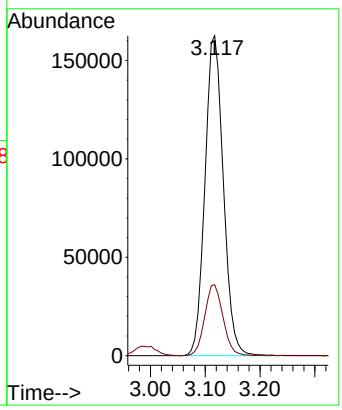


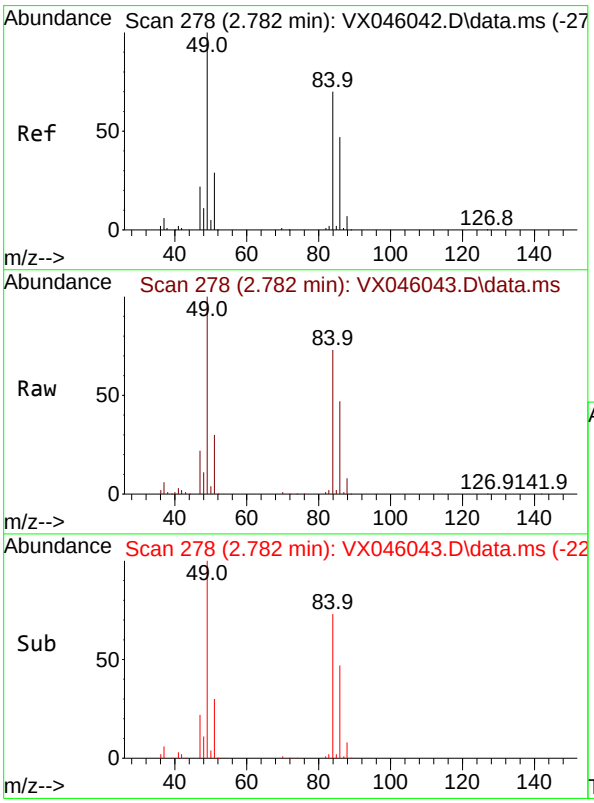
#19
Methyl tert-butyl Ether
Concen: 73.818 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 378113

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

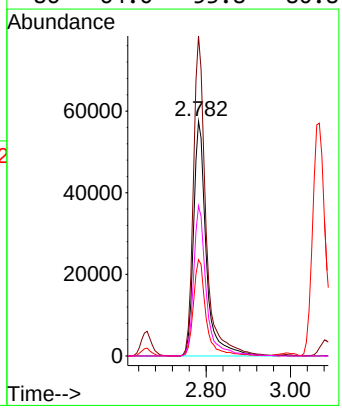


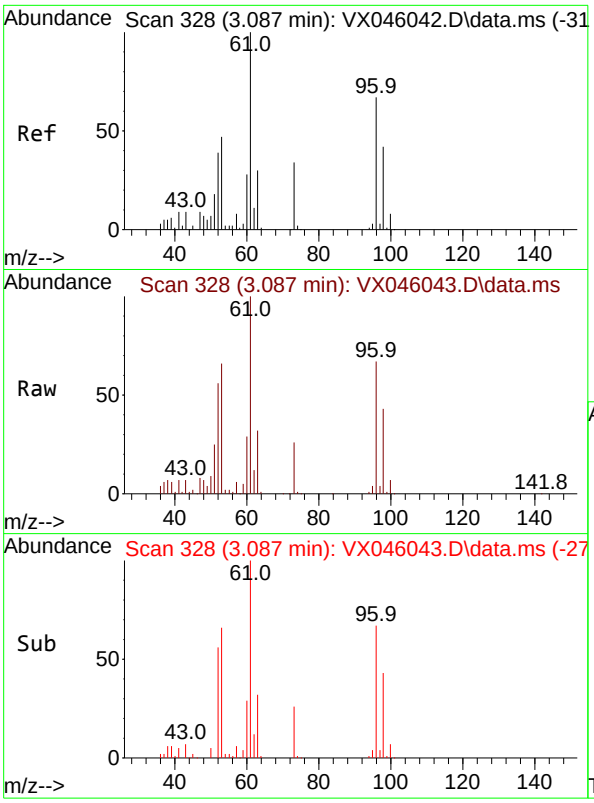


#20
Methylene Chloride
Concen: 67.030 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 84 Resp: 120270

Ion	Ratio	Lower	Upper
84	100		
49	136.4	113.9	170.9
51	41.1	33.5	50.3
86	64.0	53.8	80.8



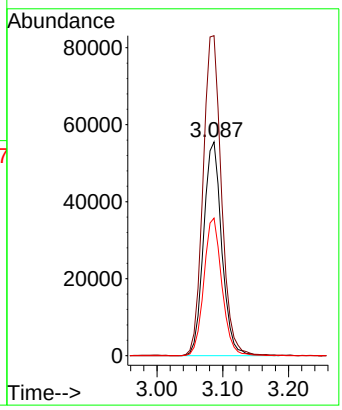


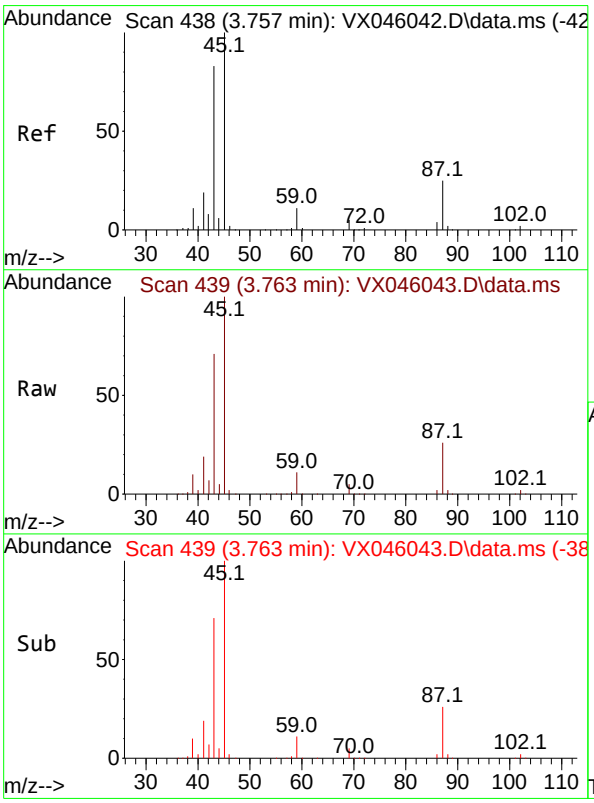
#21
trans-1,2-Dichloroethene
Concen: 71.109 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 106606

Ion	Ratio	Lower	Upper
96	100		
61	149.7	119.5	179.3
98	64.4	50.0	75.0

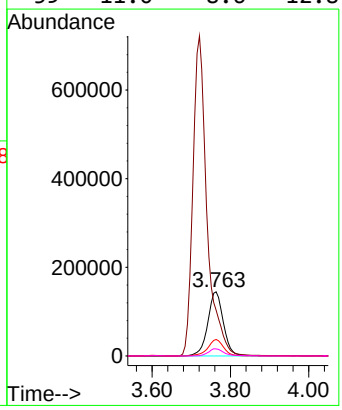


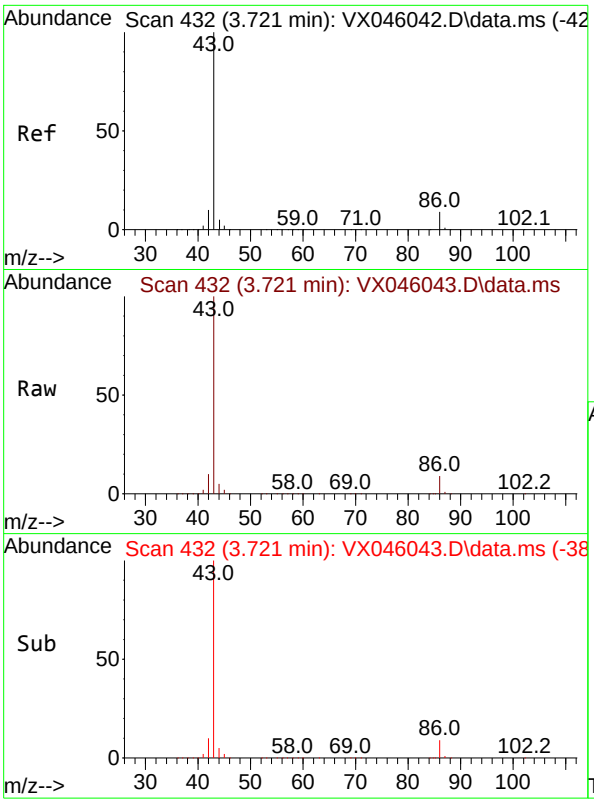


#22
Diisopropyl ether
Concen: 77.048 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 45 Resp: 399494

Ion	Ratio	Lower	Upper
45	100		
43	71.2	66.6	100.0
87	25.7	19.8	29.6
59	11.0	8.6	12.8



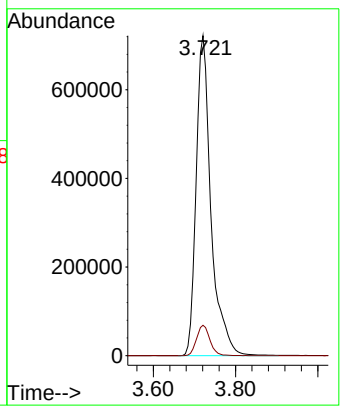


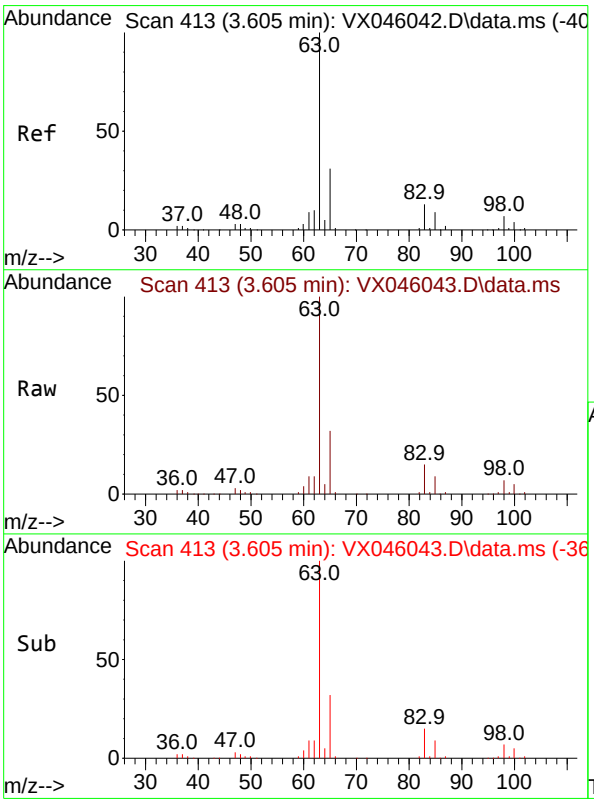
#23
Vinyl Acetate
Concen: 395.363 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1811550

Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.5	11.3

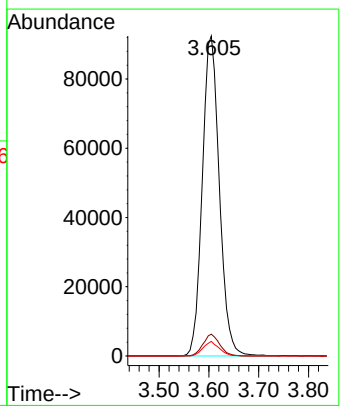


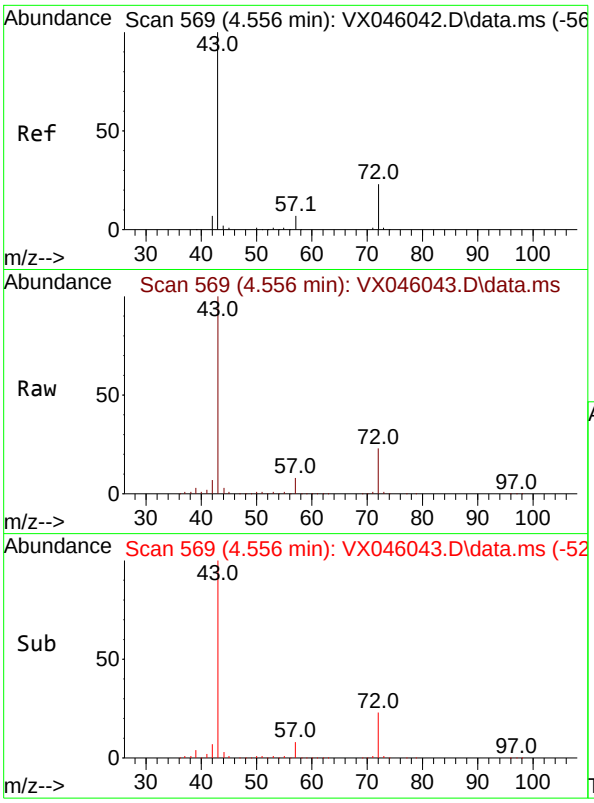


#24
1,1-Dichloroethane
Concen: 72.114 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 219759

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.6	10.8
100	4.5	2.1	6.3



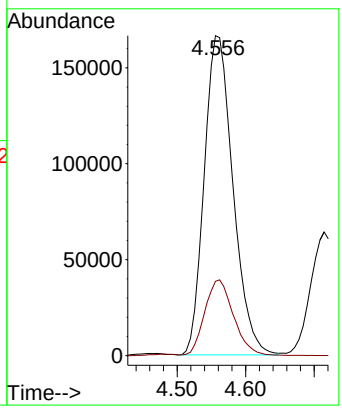


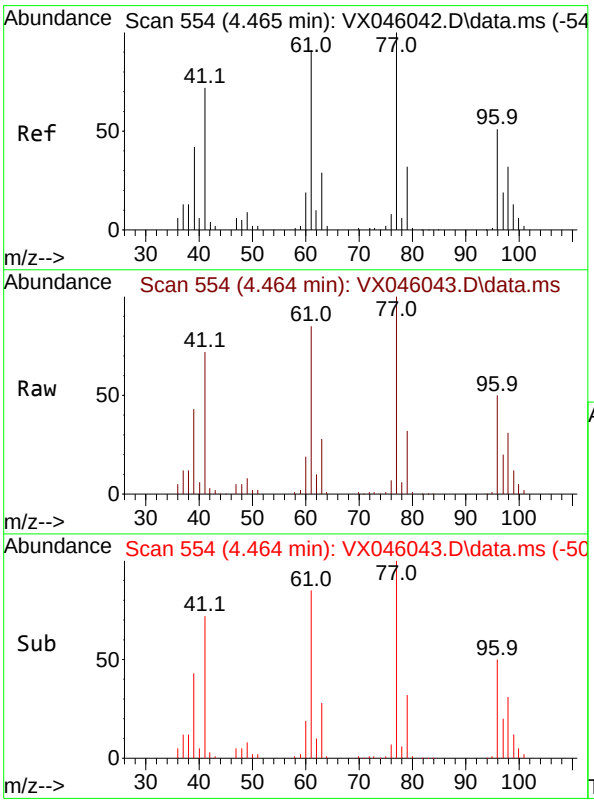
#25
2-Butanone
Concen: 379.704 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 485448

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.4	27.6

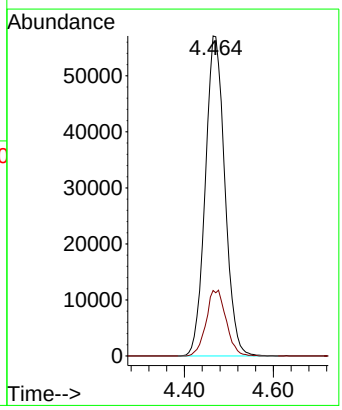


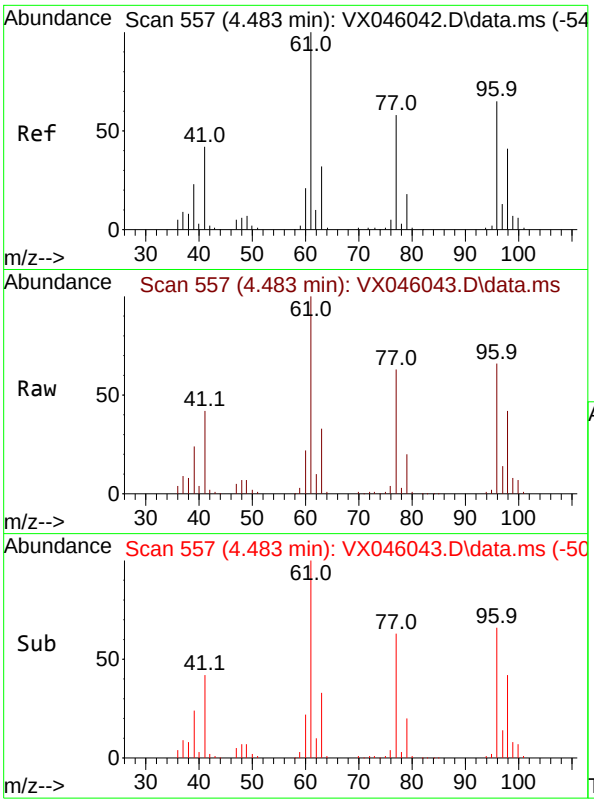


#26
2,2-Dichloropropane
Concen: 75.621 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 77 Resp: 174579

Ion	Ratio	Lower	Upper
77	100		
97	21.1	10.5	31.5



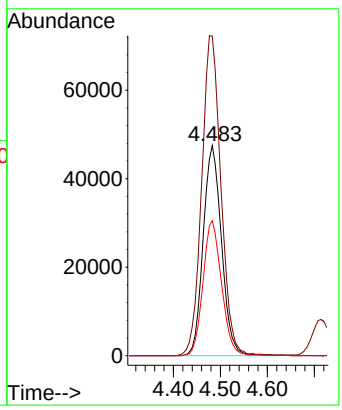


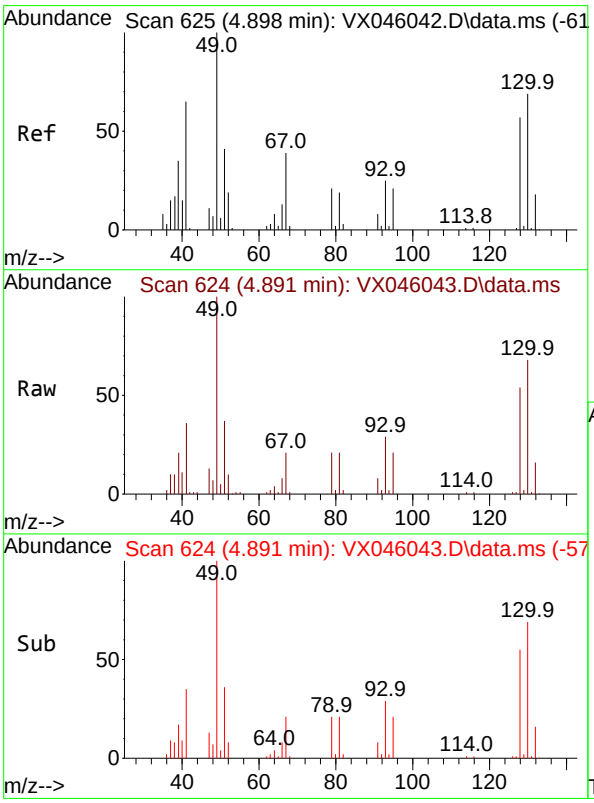
#27
cis-1,2-Dichloroethene
Concen: 71.056 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 128454

Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	322.8
98	64.9	0.0	129.0

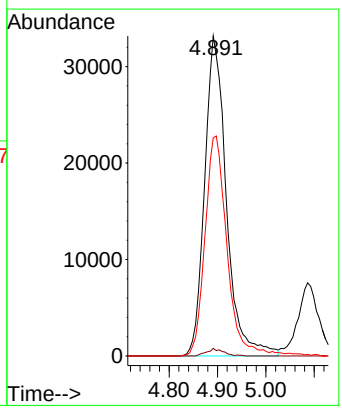


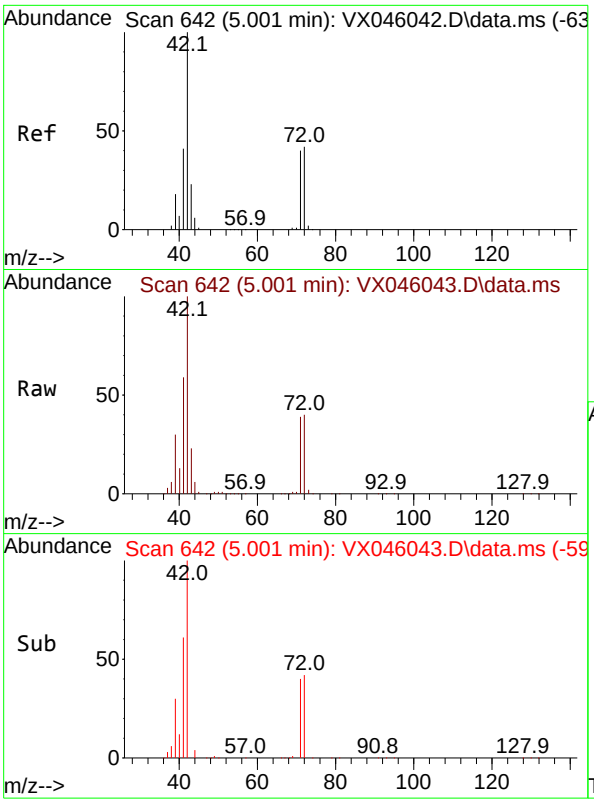


#28
Bromochloromethane
Concen: 63.932 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 49 Resp: 103602

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.1	56.2	84.2



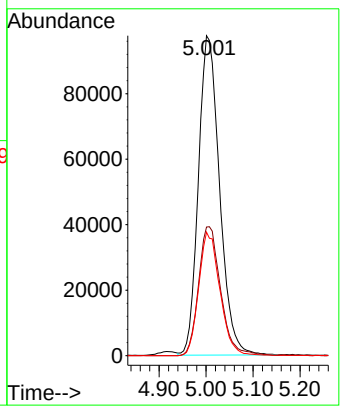


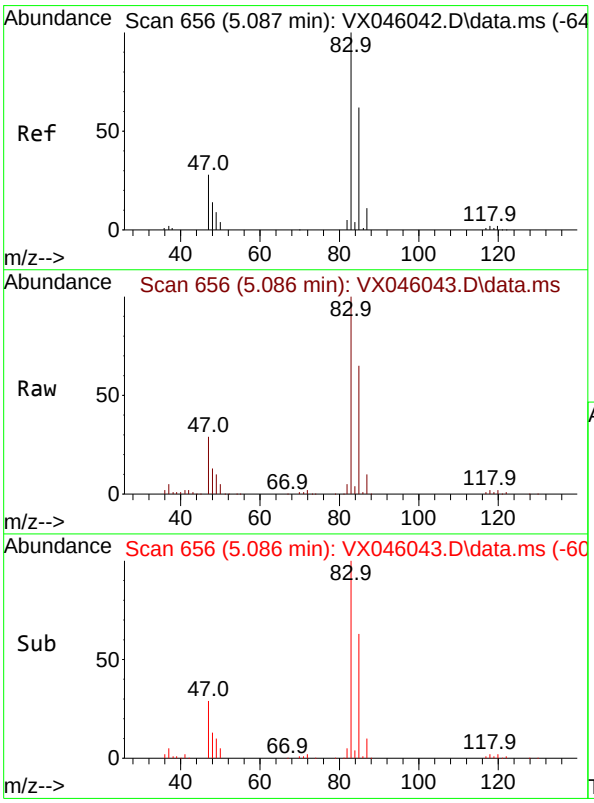
#29
Tetrahydrofuran
Concen: 368.234 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 305757

Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	38.7	31.4	47.2

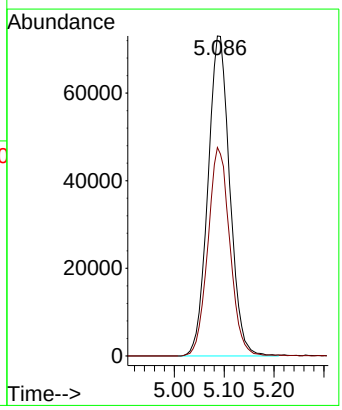


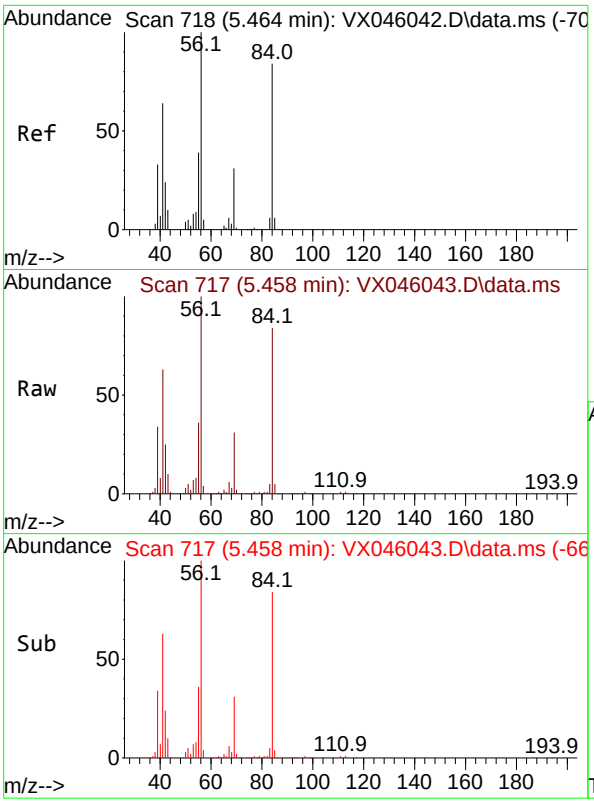


#30
Chloroform
Concen: 70.180 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 222253

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9



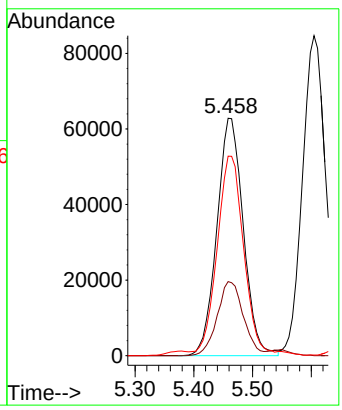


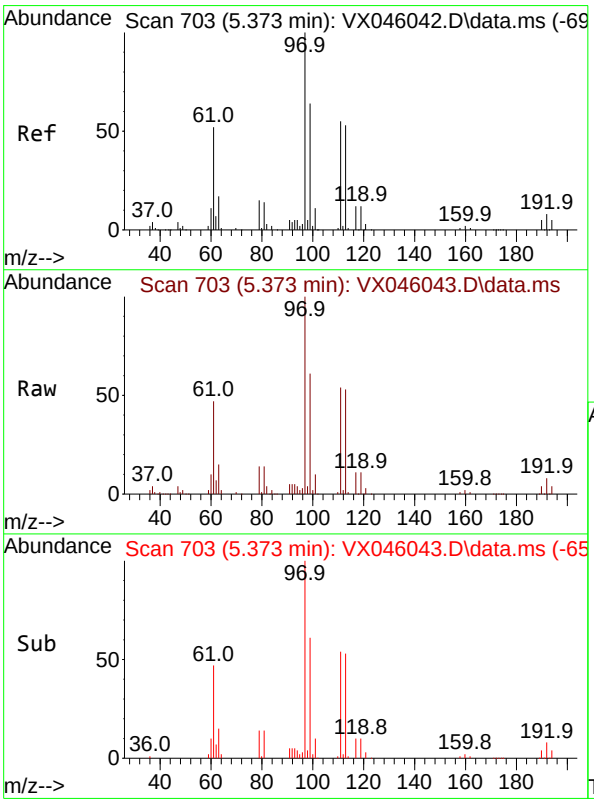
#31
Cyclohexane
Concen: 76.428 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 196302

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	82.3	66.9	100.3

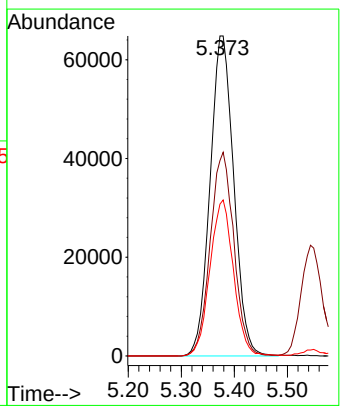


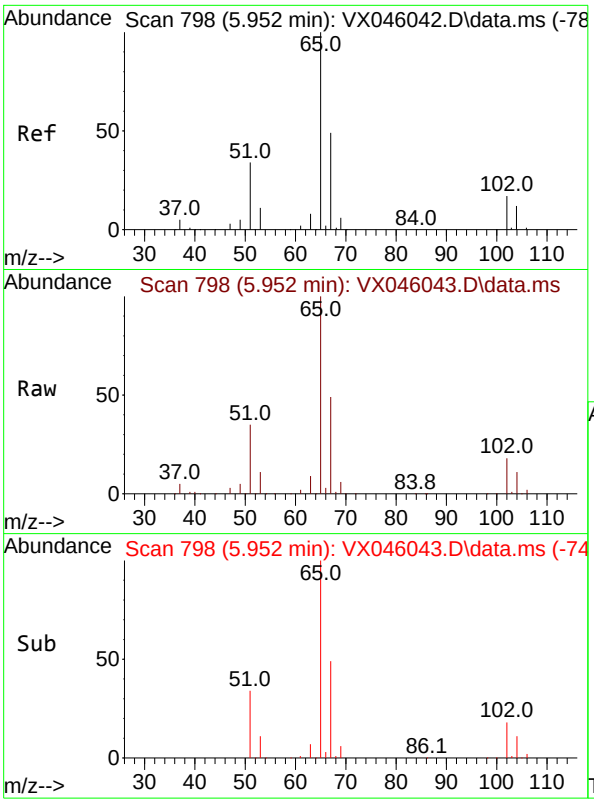


#32
1,1,1-Trichloroethane
Concen: 73.635 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 97 Resp: 201112

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	48.7	40.1	60.1



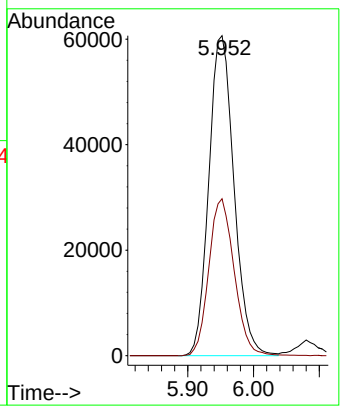


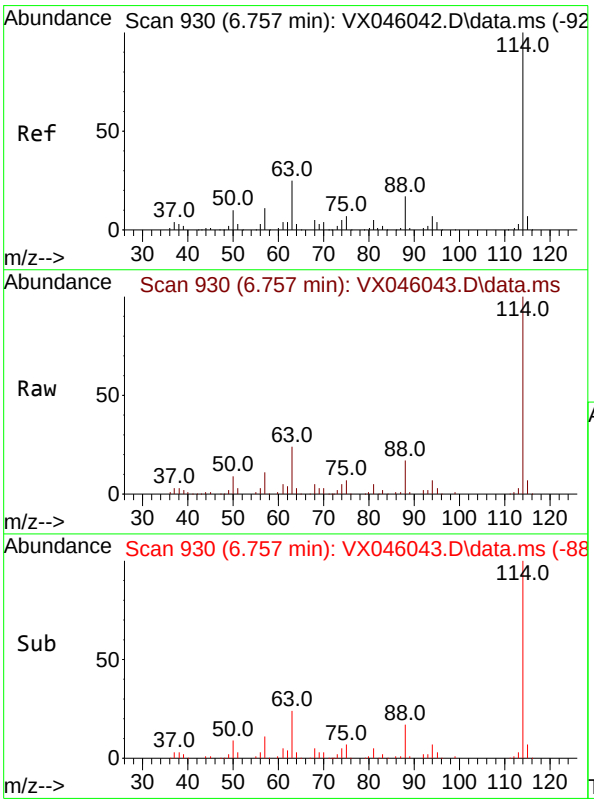
#33
1,2-Dichloroethane-d4
Concen: 62.526 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 161877

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0

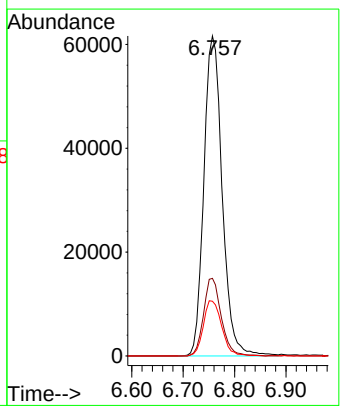


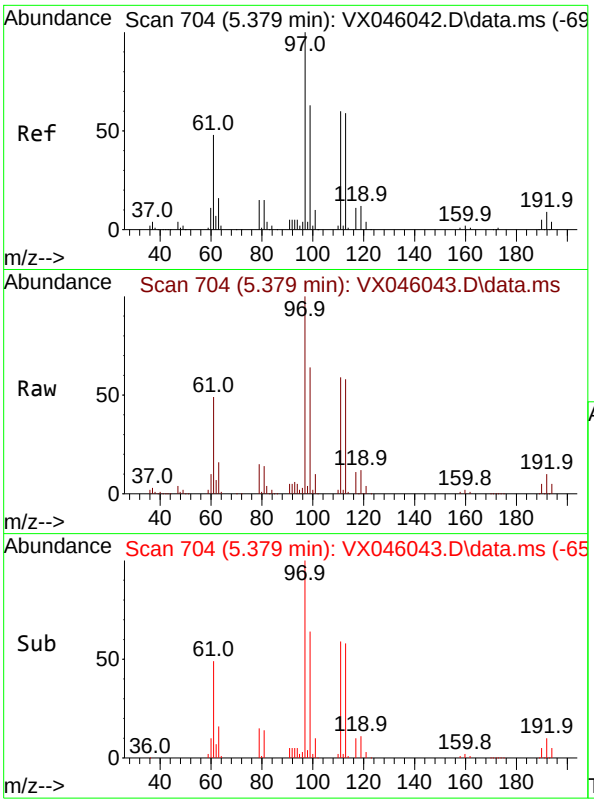


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:114 Resp: 152958

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.1	0.0	33.6



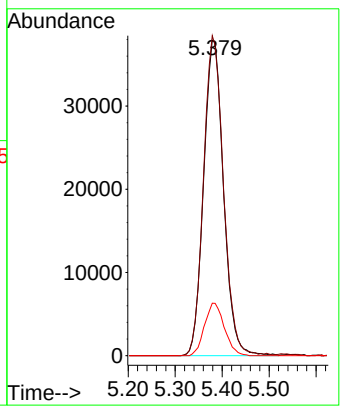


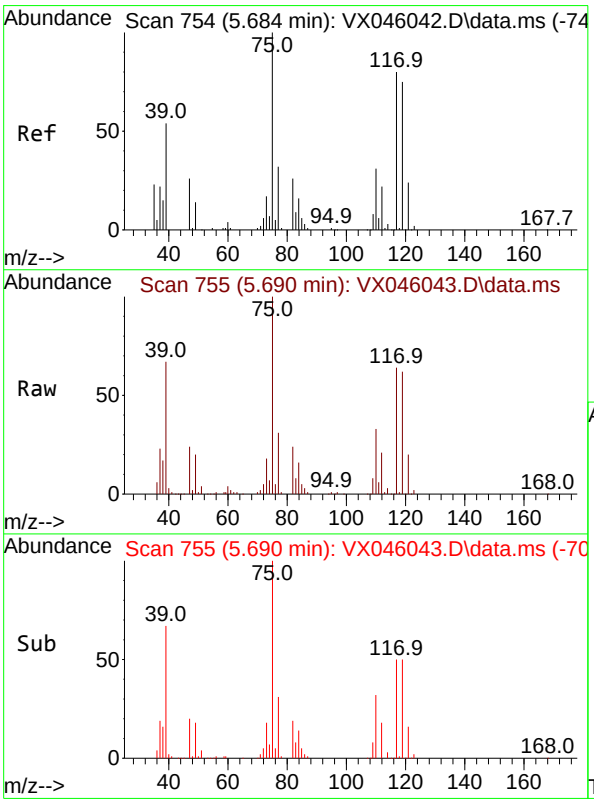
#35
Dibromofluoromethane
Concen: 65.006 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 111455

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	16.6	13.3	19.9

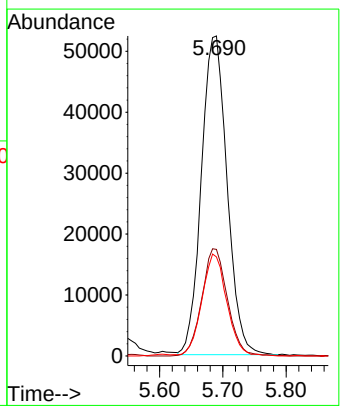


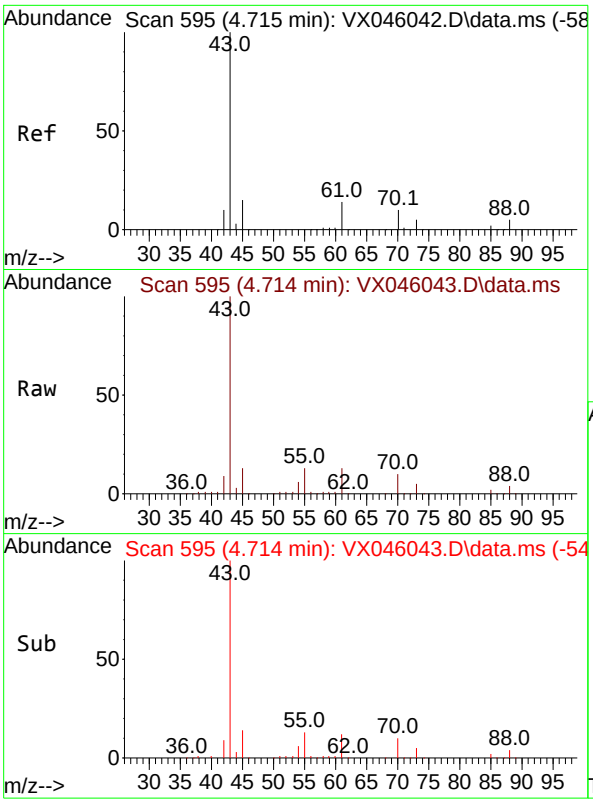


#36
1,1-Dichloropropene
Concen: 74.285 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 147873

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.3	48.9
77	31.1	24.3	36.5



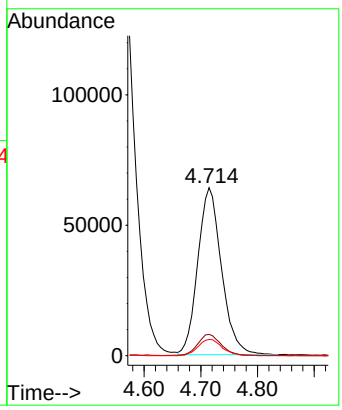


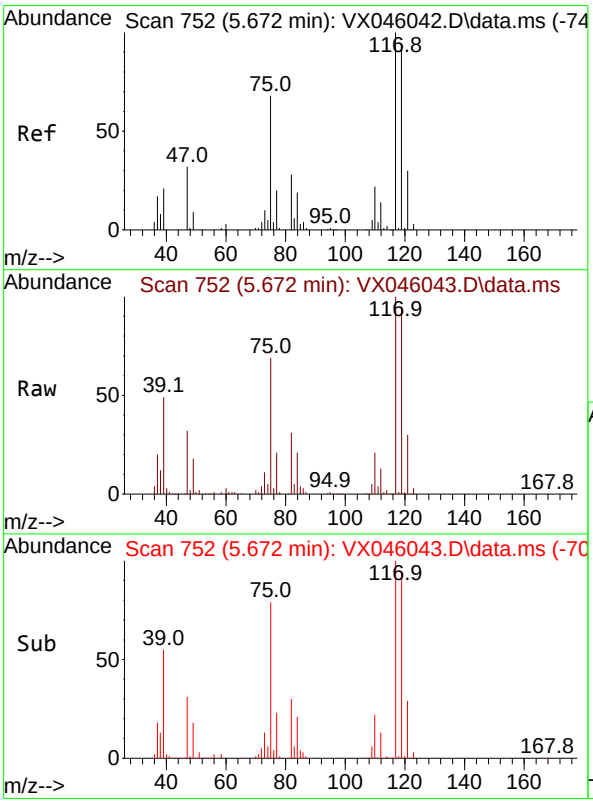
#37
Ethyl Acetate
Concen: 74.565 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 186215

Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.9	7.9	11.9

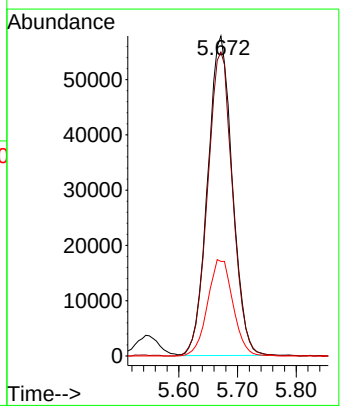


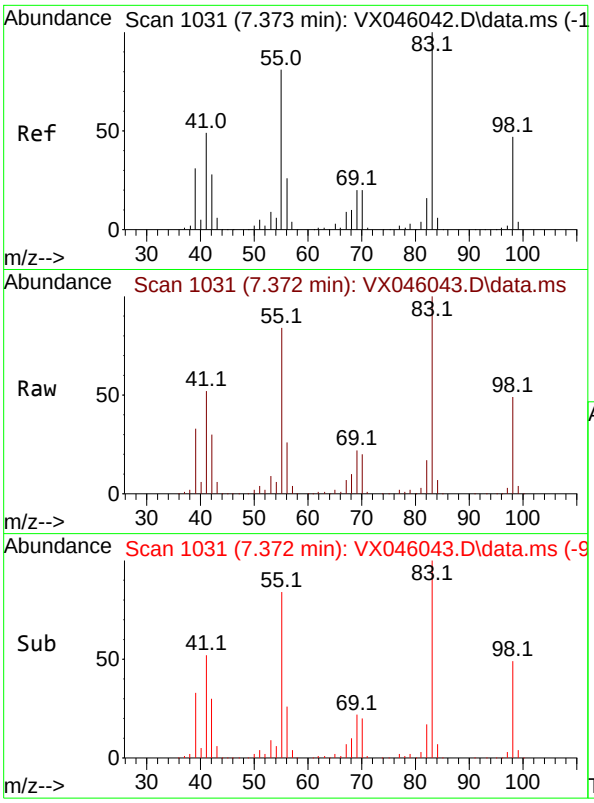


#38
Carbon Tetrachloride
Concen: 73.875 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:117 Resp: 168946

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.2	112.8
121	29.6	24.2	36.4



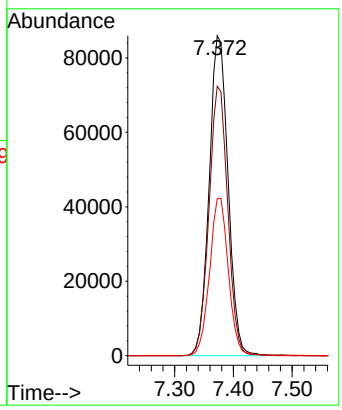


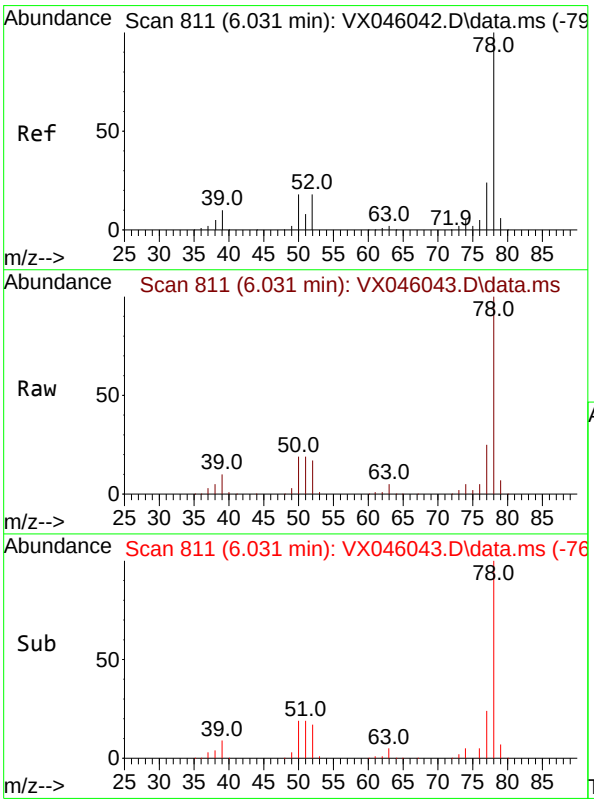
#39
Methylcyclohexane
Concen: 76.952 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 191941

Ion	Ratio	Lower	Upper
83	100		
55	84.2	64.7	97.1
98	49.0	37.4	56.2

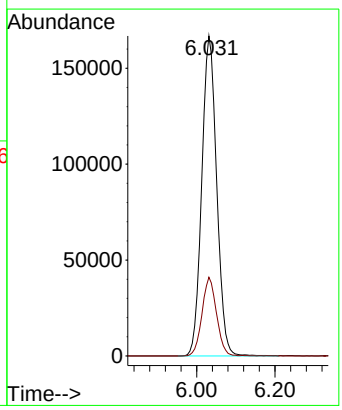


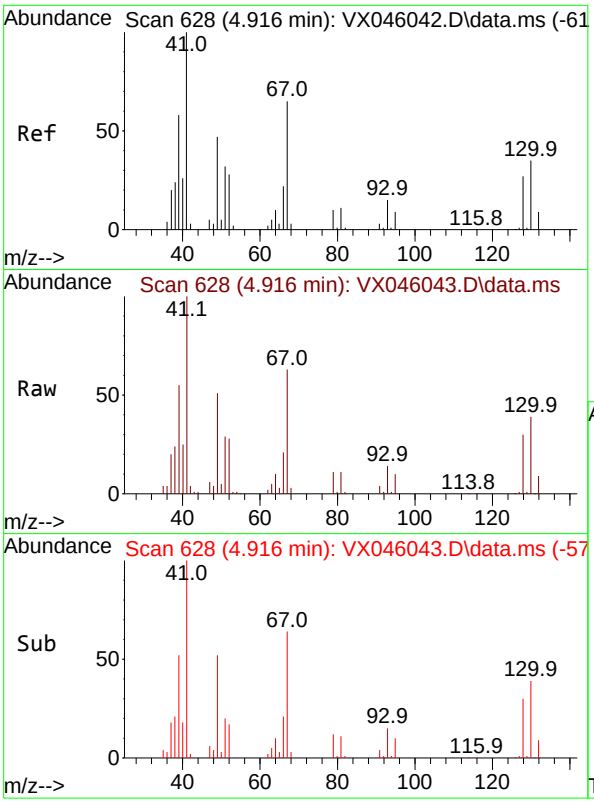


#40
Benzene
Concen: 71.457 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 78 Resp: 440885

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4



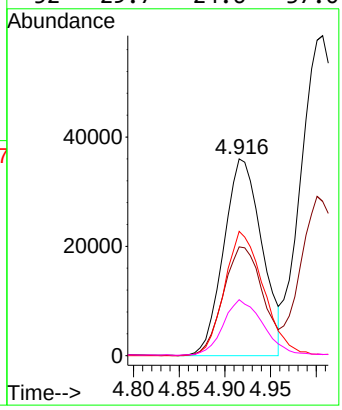


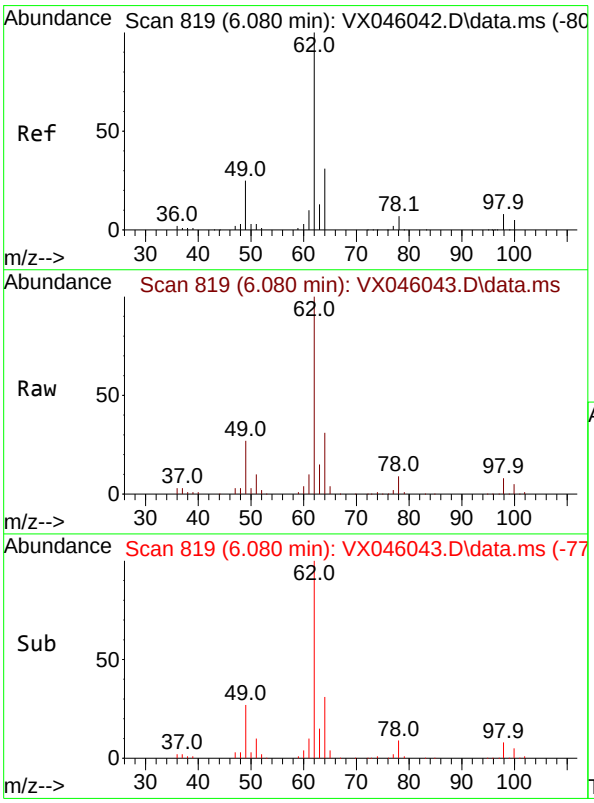
#41
Methacrylonitrile
Concen: 75.574 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 104863

Ion	Ratio	Lower	Upper
41	100		
39	57.0	47.2	70.8
67	64.6	50.7	76.1
52	29.7	24.6	37.0

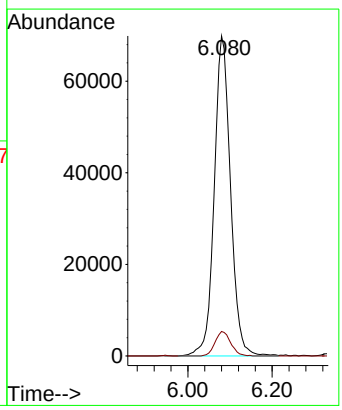


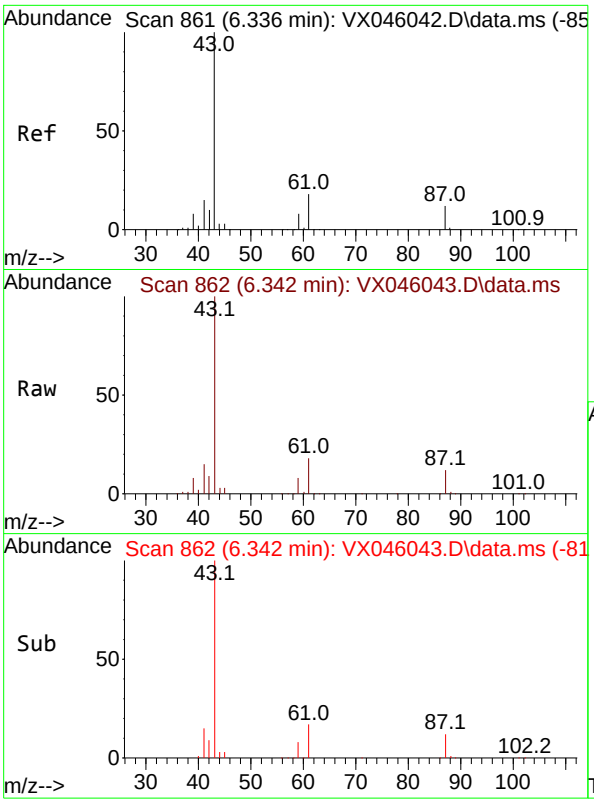


#42
1,2-Dichloroethane
Concen: 73.318 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 62 Resp: 187036

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2



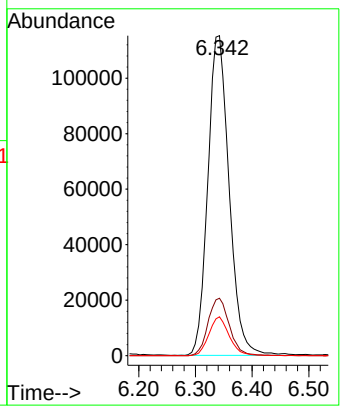


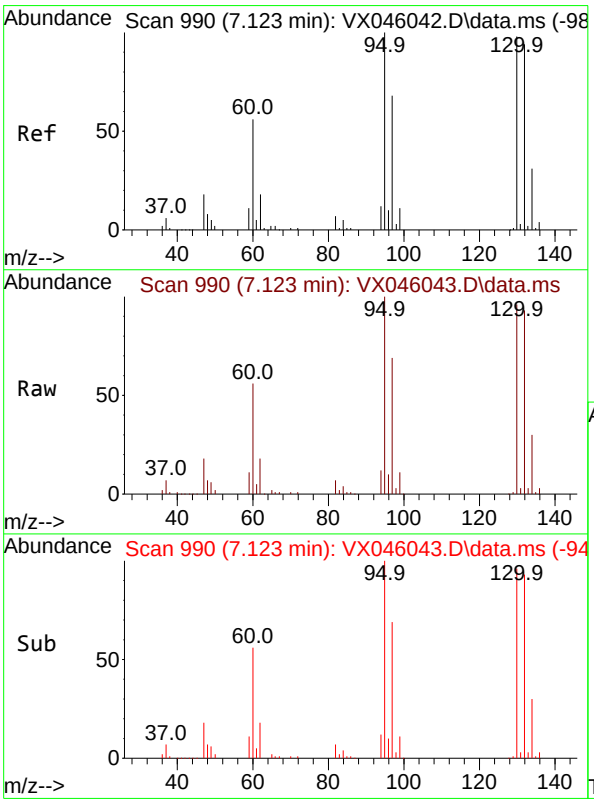
#43
Isopropyl Acetate
Concen: 78.714 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 300491

Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.3	21.5
87	11.6	9.5	14.3

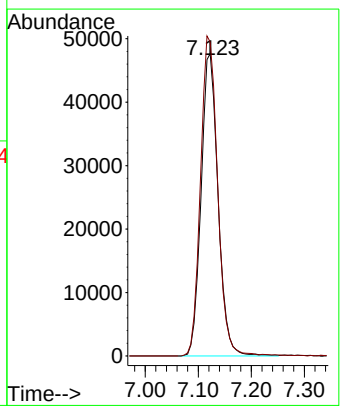


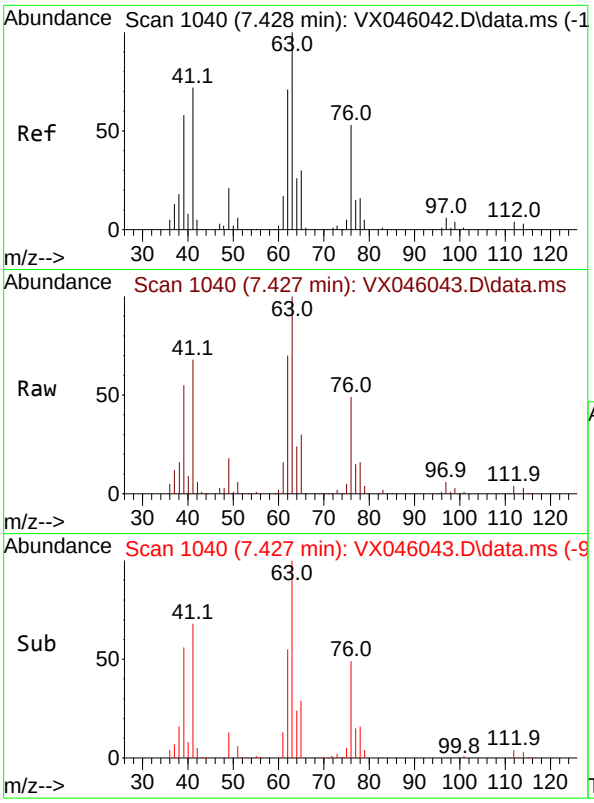


#44
Trichloroethene
Concen: 72.420 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:130 Resp: 105628

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.2



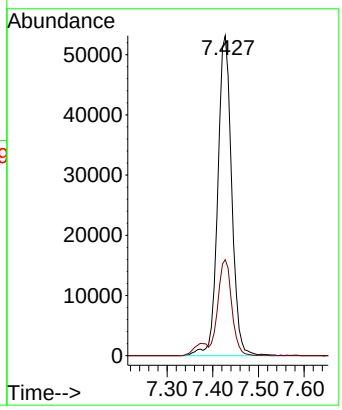


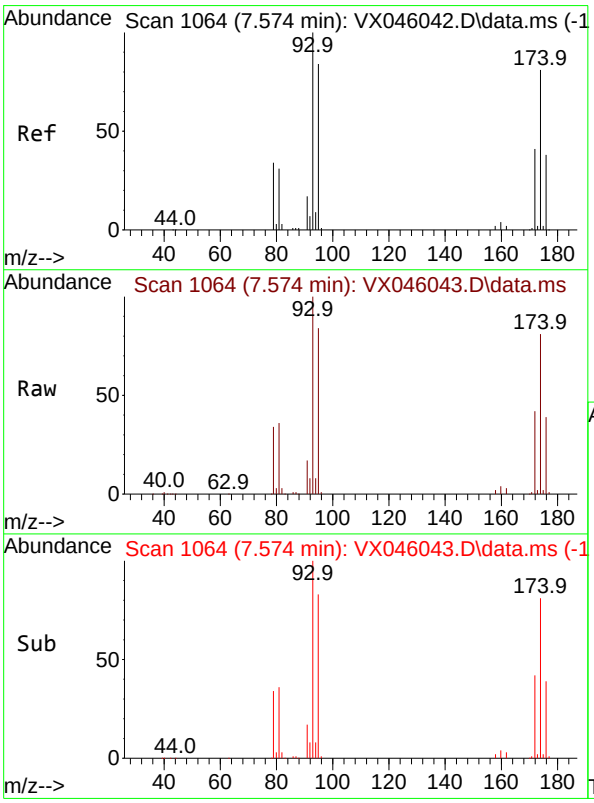
#45
1,2-Dichloropropane
Concen: 73.420 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 112554

Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.1	36.1

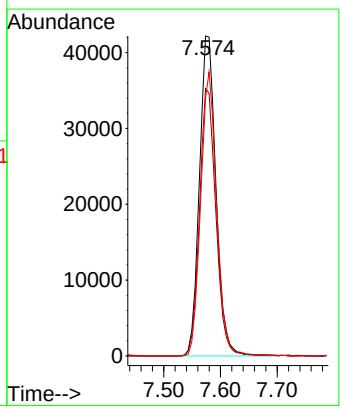


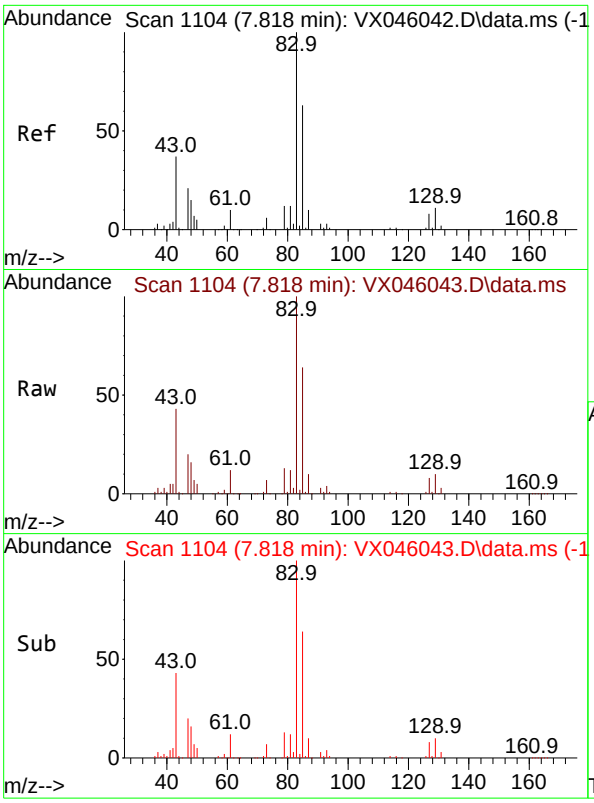


#46
Dibromomethane
Concen: 70.938 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 93 Resp: 85728

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	85.0	68.2	102.2



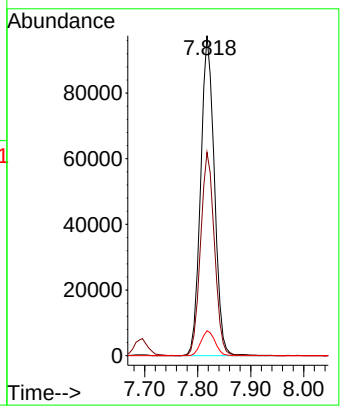


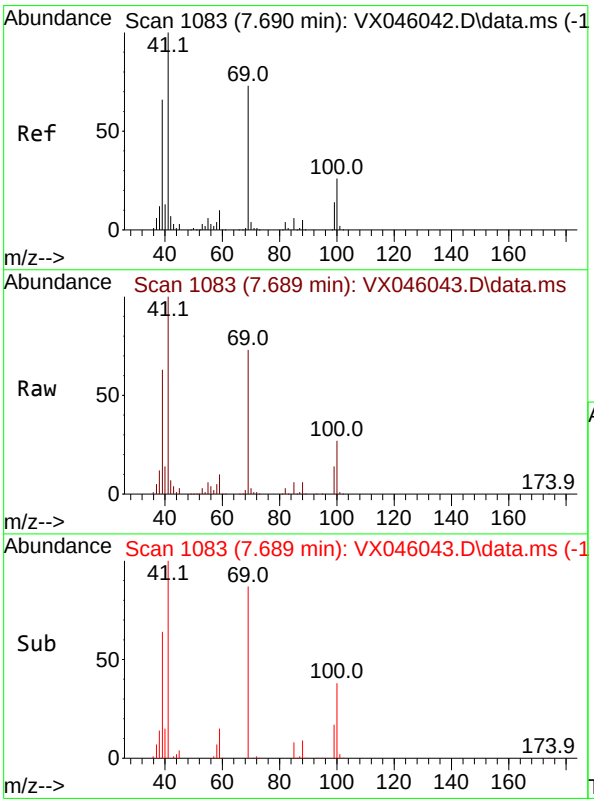
#47
Bromodichloromethane
Concen: 74.845 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 175301

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.5	75.7
127	7.8	6.5	9.7

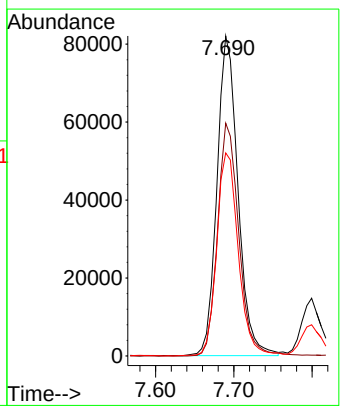


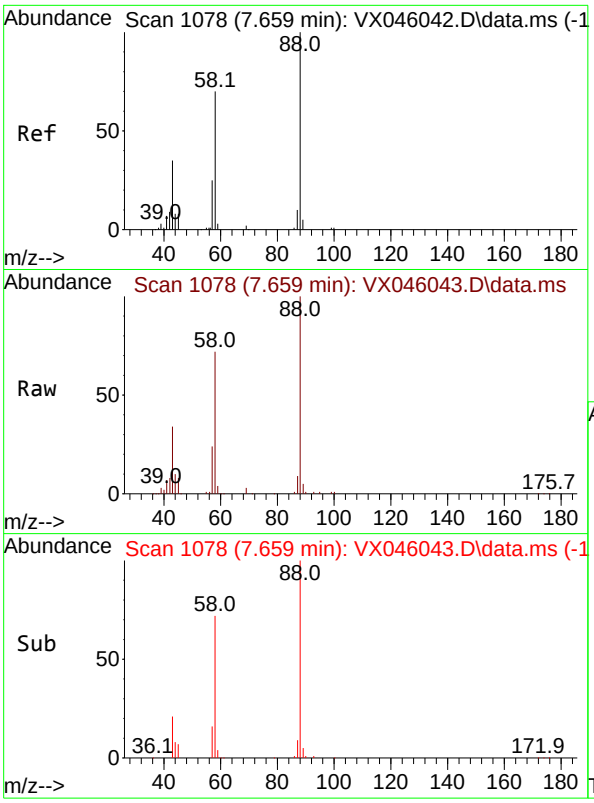


#48
Methyl methacrylate
Concen: 78.101 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 41 Resp: 153093

Ion	Ratio	Lower	Upper
41	100		
69	74.1	58.5	87.7
39	65.5	51.7	77.5



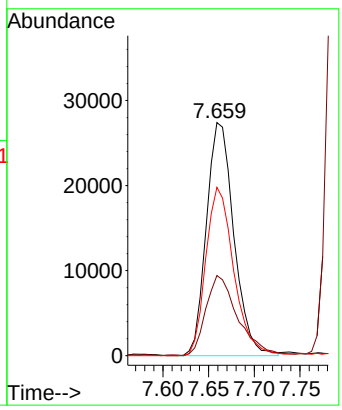


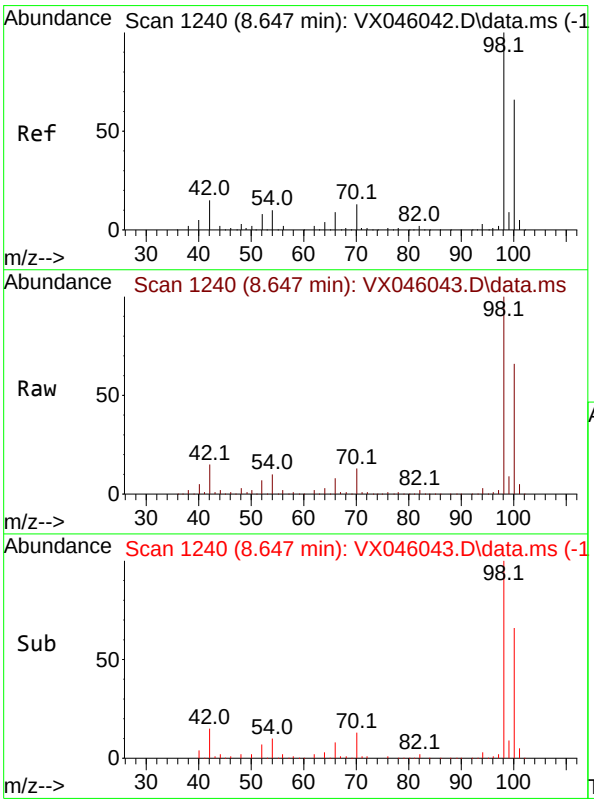
#49
1,4-Dioxane
Concen: 1470.687 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 57313

Ion	Ratio	Lower	Upper
88	100		
43	40.1	33.4	50.2
58	73.3	58.6	88.0

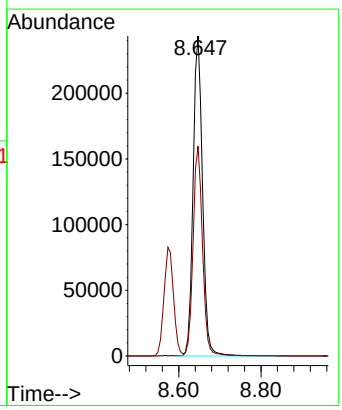


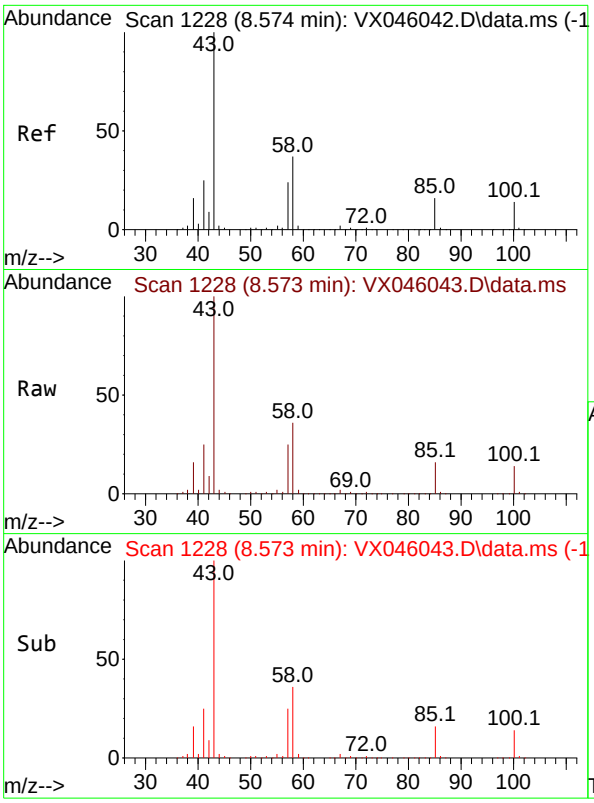


#50
Toluene-d8
Concen: 67.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 98 Resp: 387230

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.5	80.3



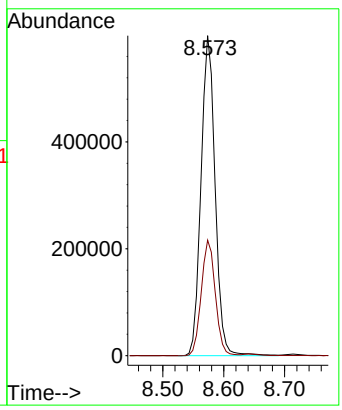


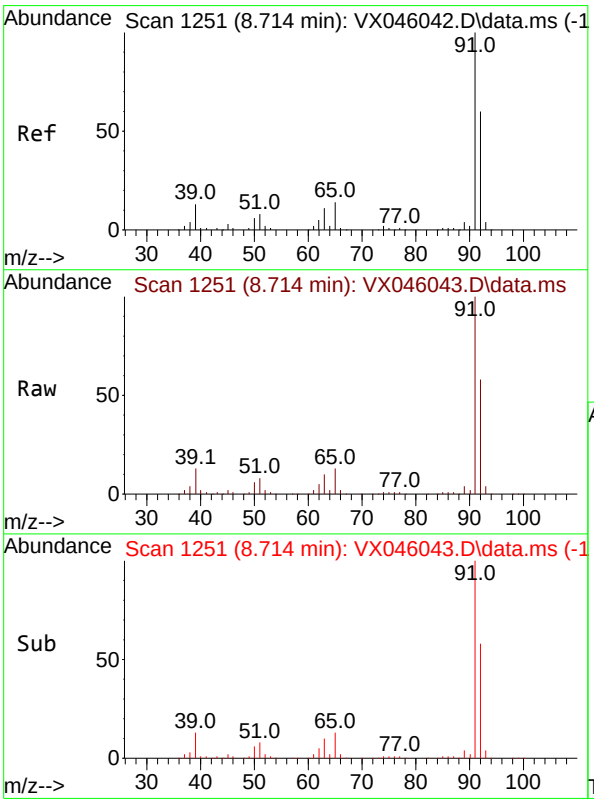
#51
4-Methyl-2-Pentanone
Concen: 384.740 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 963319

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3

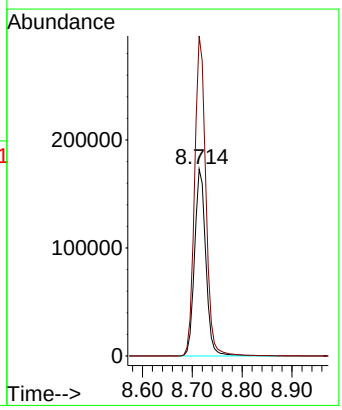


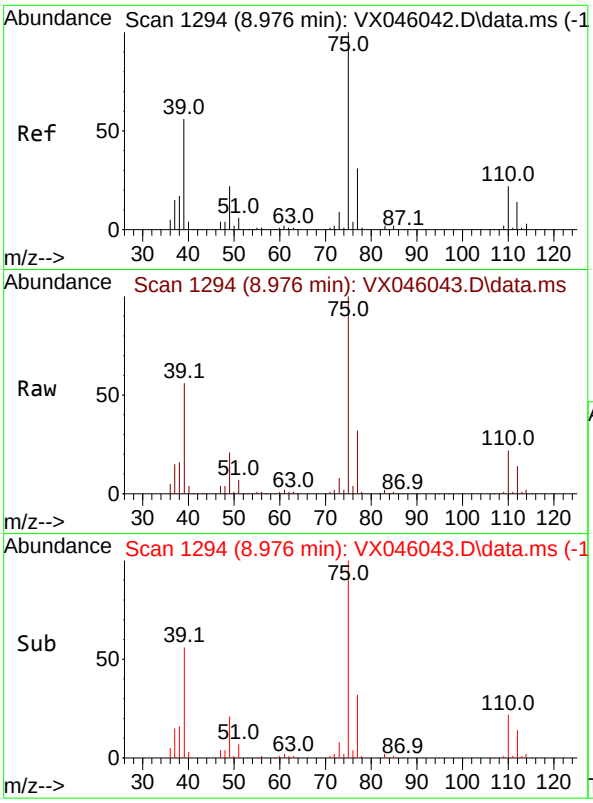


#52
Toluene
Concen: 74.010 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 92 Resp: 270763

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.6	205.0



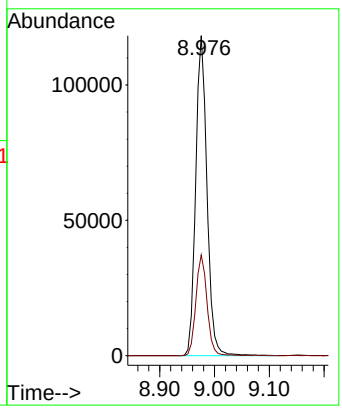


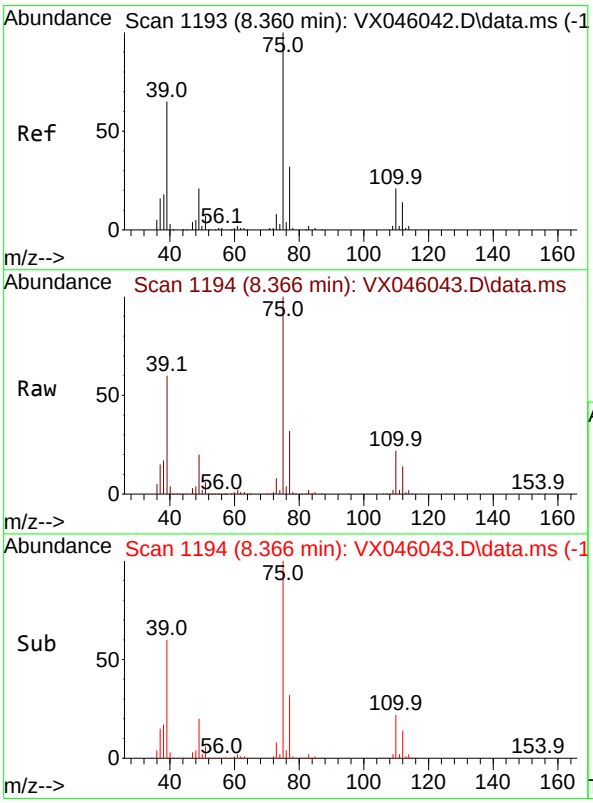
#53
t-1,3-Dichloropropene
Concen: 86.372 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 169863

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6

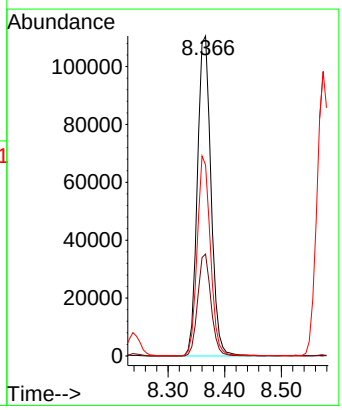


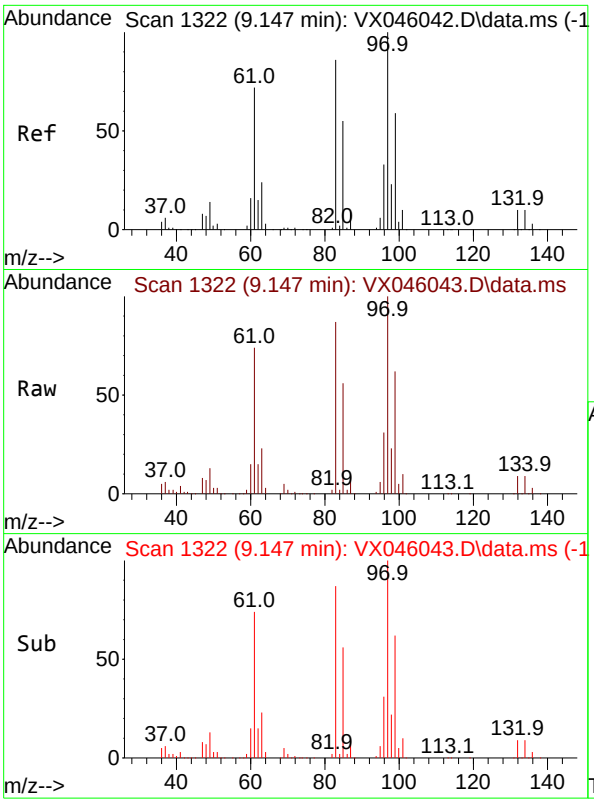


#54
cis-1,3-Dichloropropene
Concen: 80.264 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 184134

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	59.6	52.2	78.4



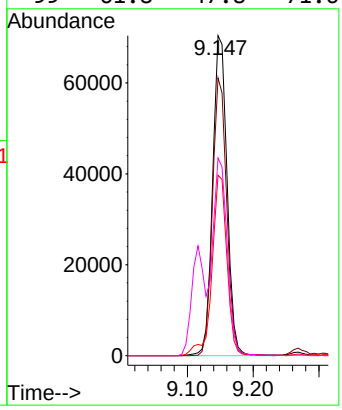


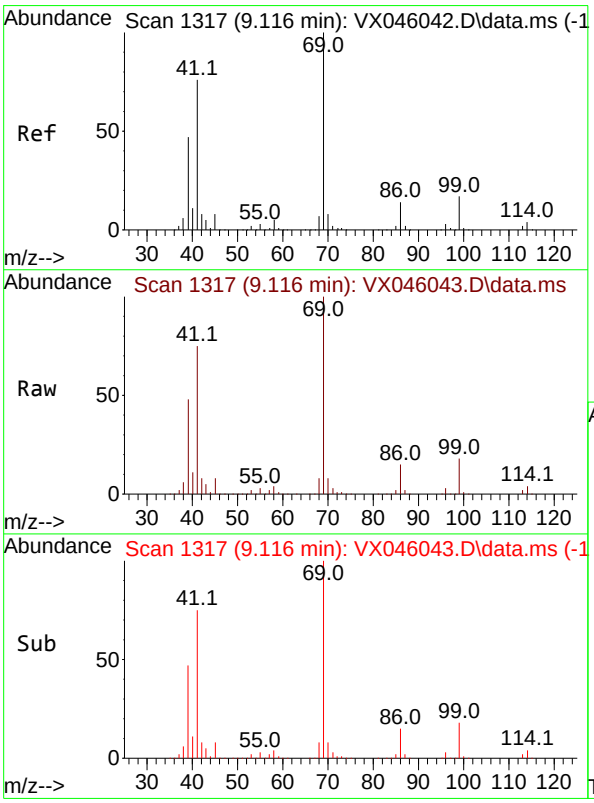
#55
1,1,2-Trichloroethane
Concen: 72.543 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 107264

Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.6
85	56.4	44.3	66.5
99	61.8	47.8	71.6

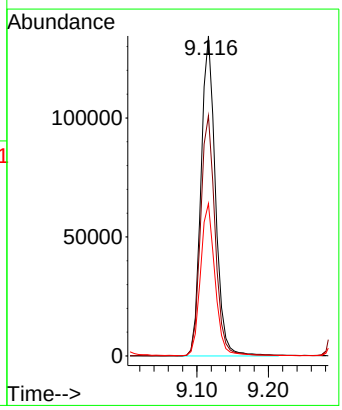


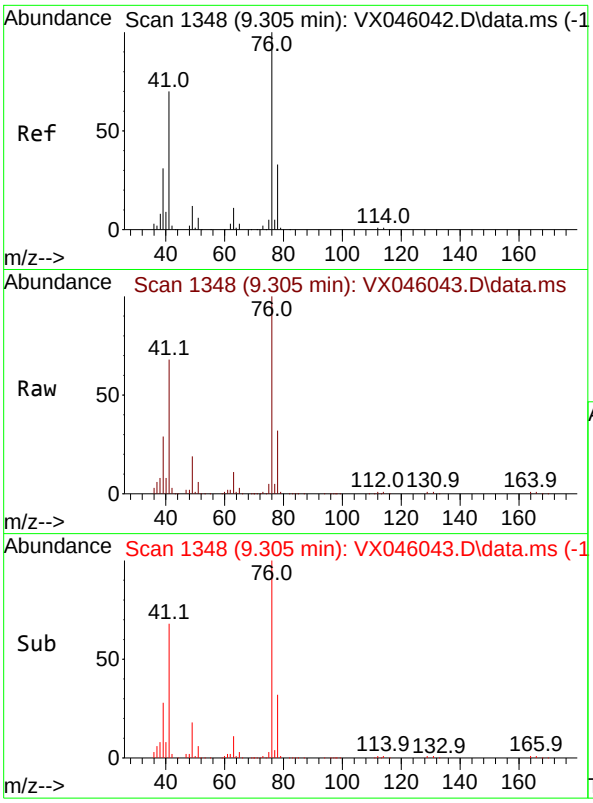


#56
Ethyl methacrylate
Concen: 82.359 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 69 Resp: 188717

Ion	Ratio	Lower	Upper
69	100		
41	75.7	60.8	91.2
39	47.7	39.0	58.6



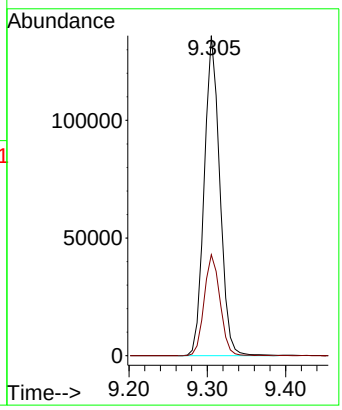


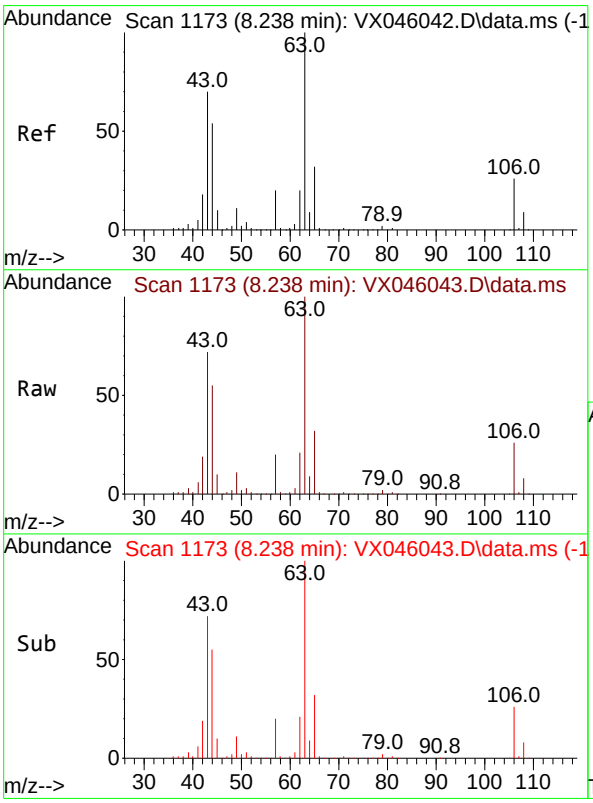
#57
1,3-Dichloropropane
Concen: 71.590 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 187649

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

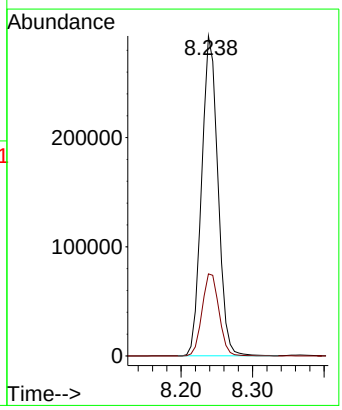


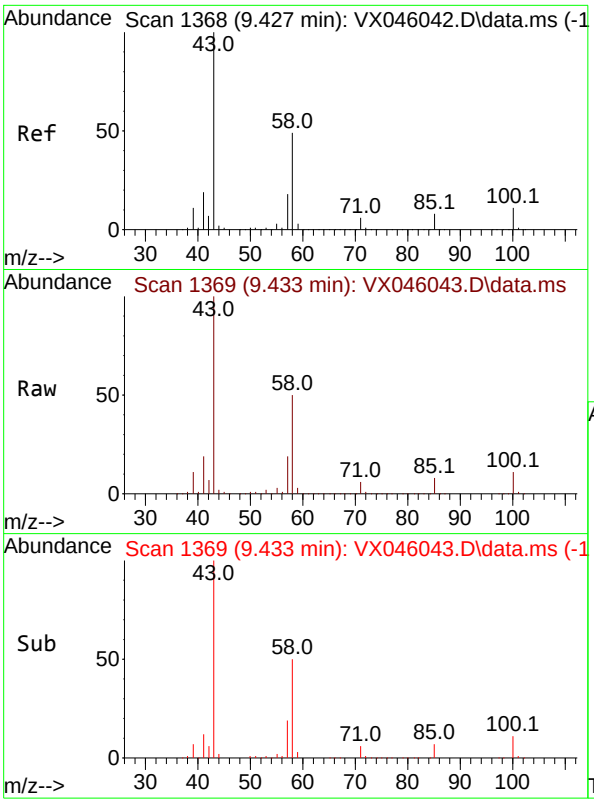


#58
2-Chloroethyl Vinyl ether
Concen: 449.791 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 463169

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3



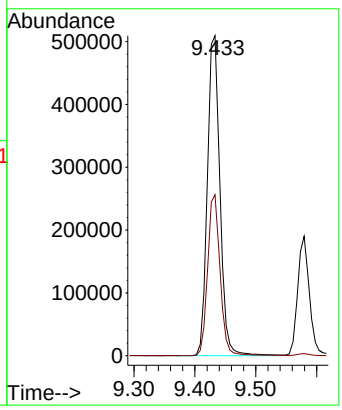


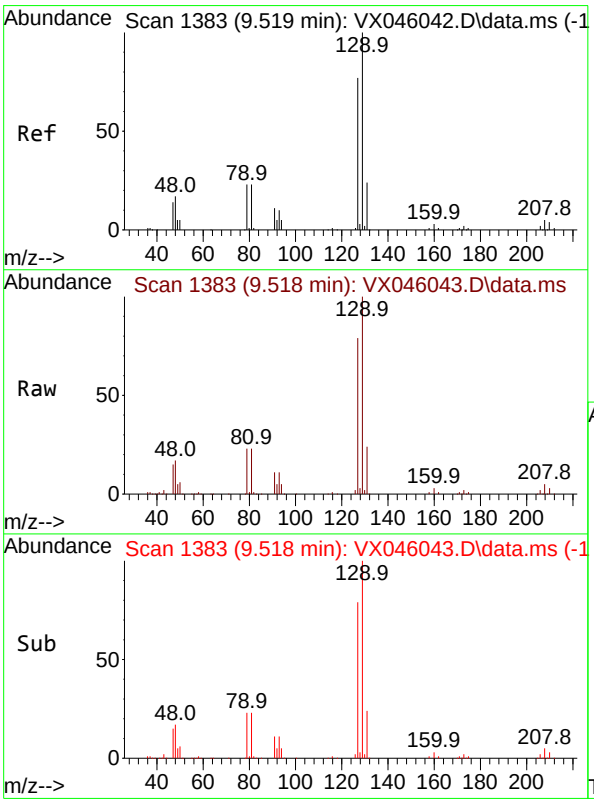
#59
2-Hexanone
Concen: 383.945 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 729602

Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.9	74.6

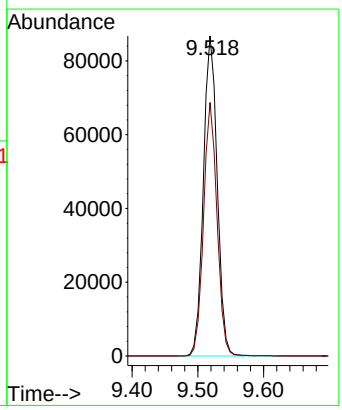


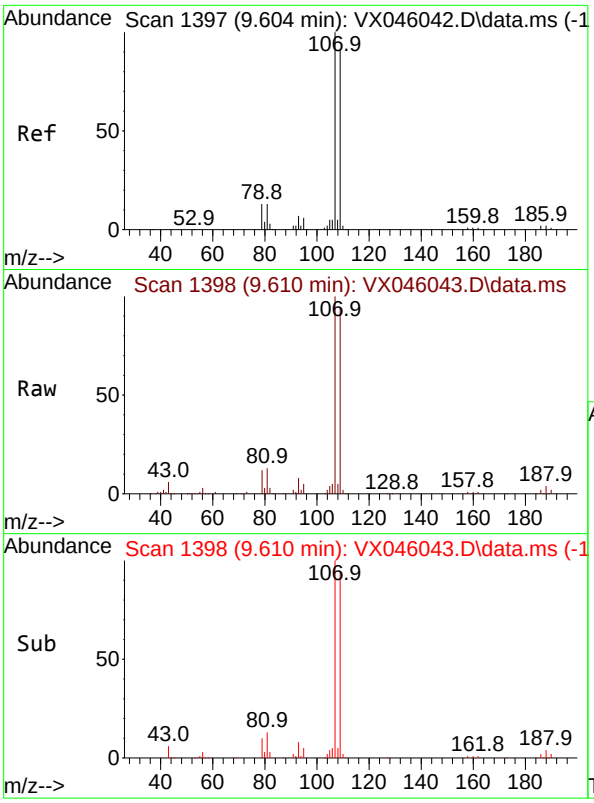


#60
Dibromochloromethane
Concen: 78.918 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:129 Resp: 127012

Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.3	117.8



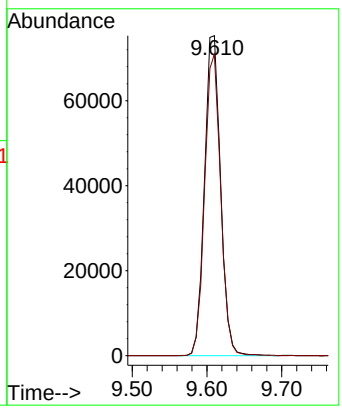


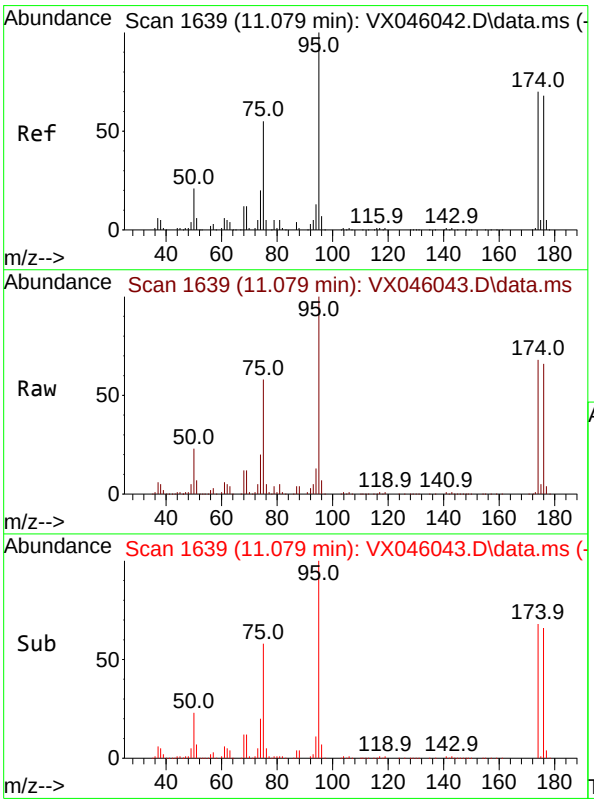
#61
1,2-Dibromoethane
Concen: 74.200 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 112669

Ion	Ratio	Lower	Upper
107	100		
109	93.9	73.3	109.9

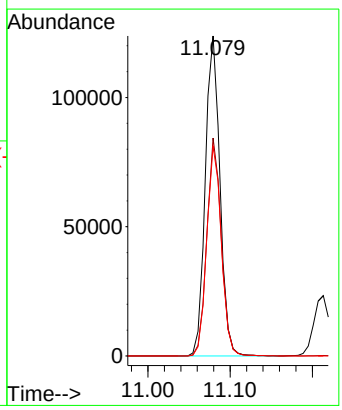


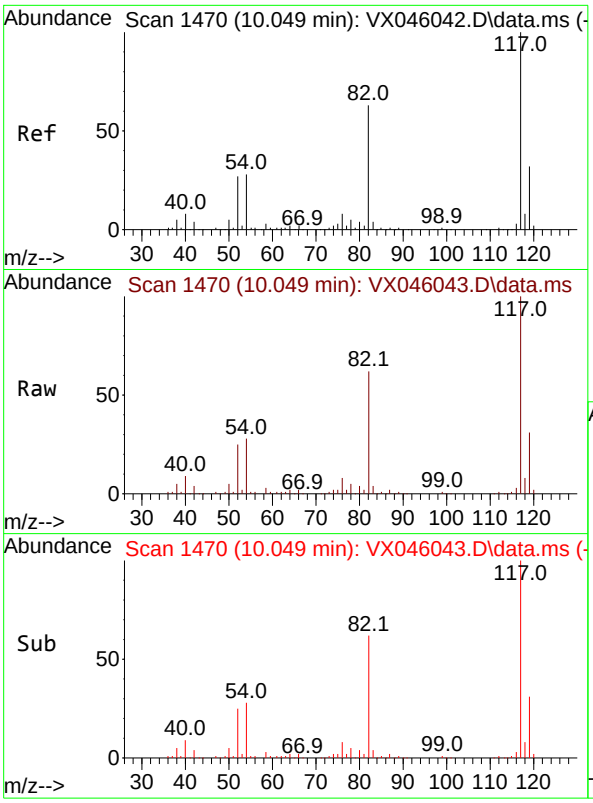


#62
4-Bromofluorobenzene
Concen: 72.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 95 Resp: 153085

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	65.3	0.0	131.4



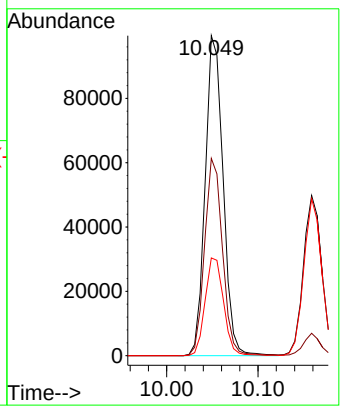


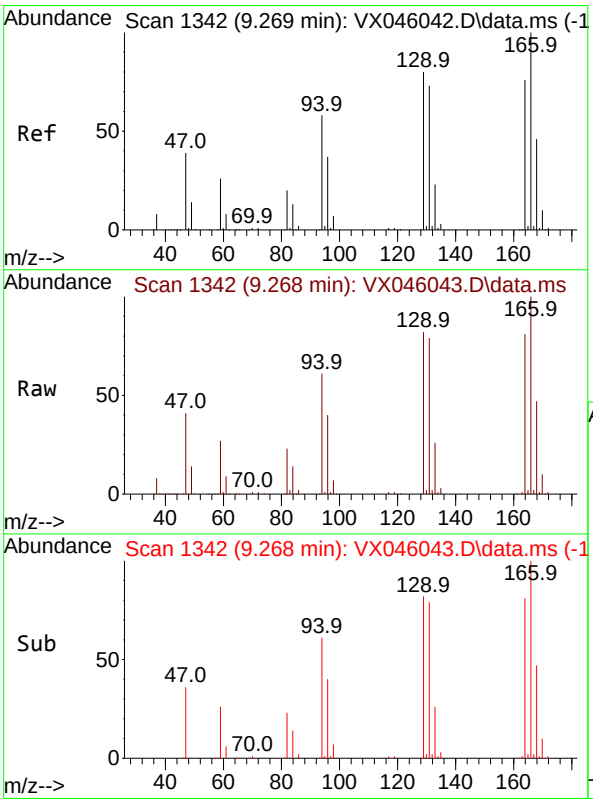
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 135214

Ion	Ratio	Lower	Upper
117	100		
82	61.7	50.6	76.0
119	30.6	25.8	38.6

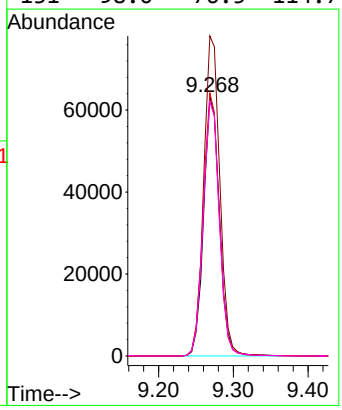


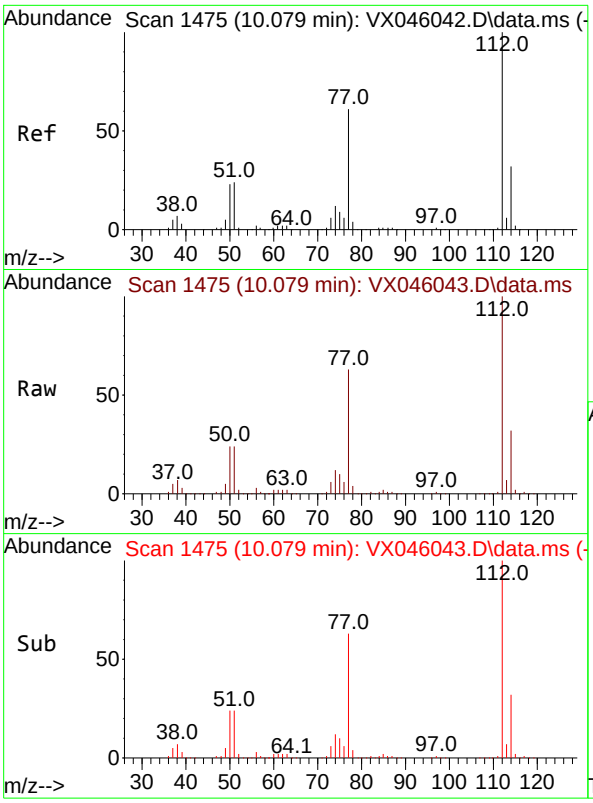


#64
Tetrachloroethene
Concen: 67.493 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:164 Resp: 93195

Ion	Ratio	Lower	Upper
164	100		
166	123.4	105.0	157.6
129	101.4	83.5	125.3
131	98.0	76.5	114.7



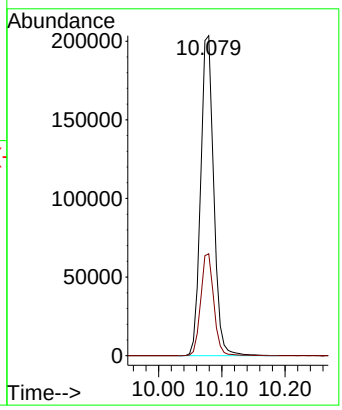


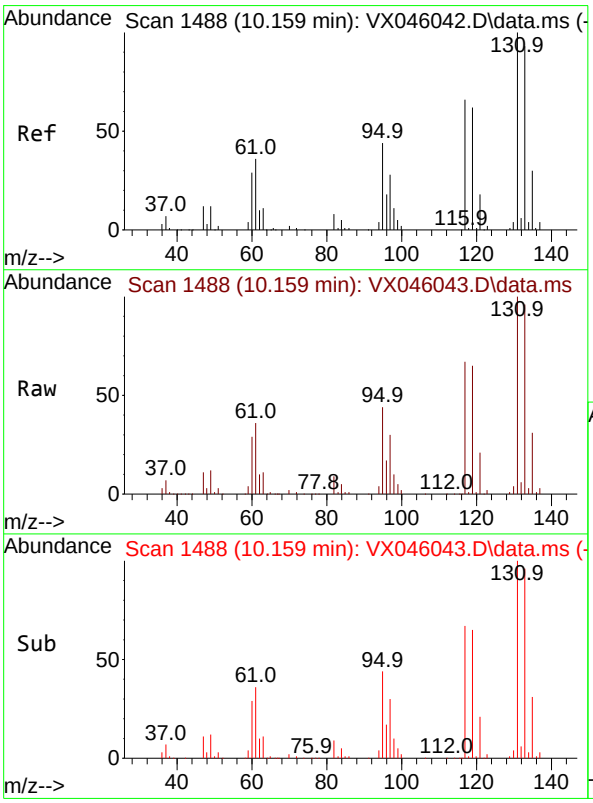
#65
Chlorobenzene
Concen: 70.490 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 293284

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2

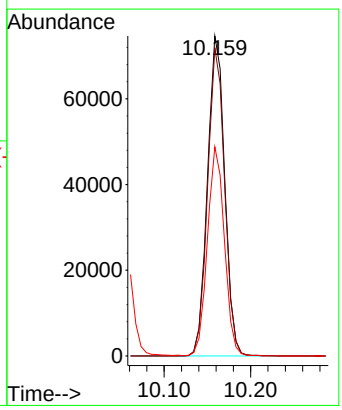


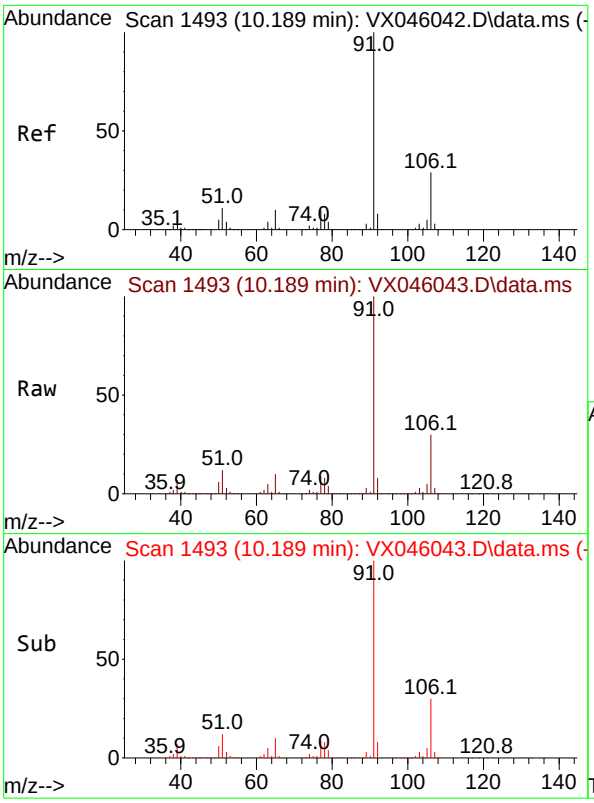


#66
1,1,1,2-Tetrachloroethane
Concen: 74.349 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:131 Resp: 103177

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.9
119	64.5	31.6	95.0



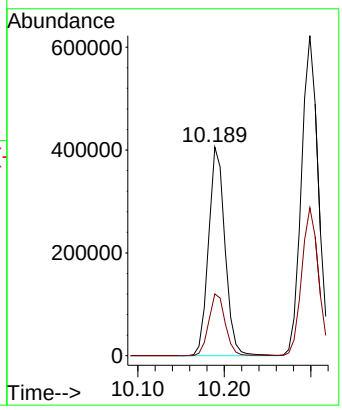


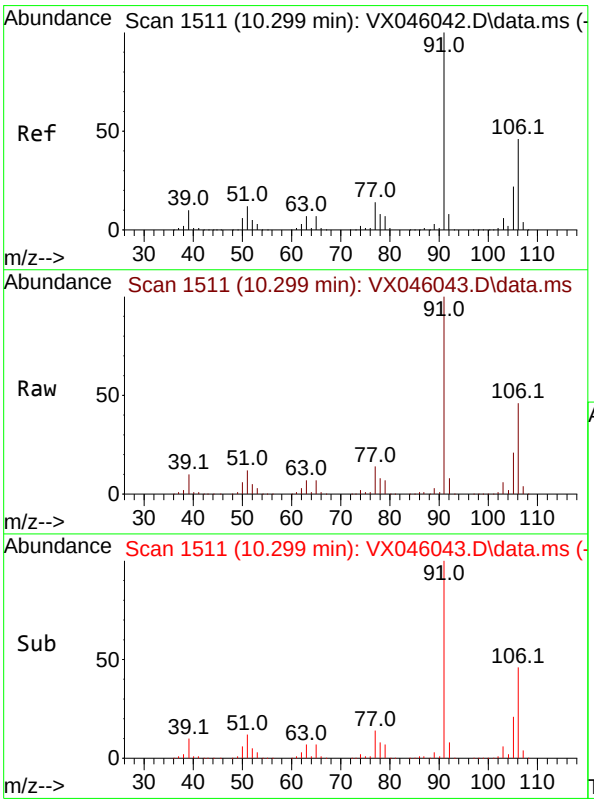
#67
Ethyl Benzene
Concen: 75.444 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 535122

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.4	35.2

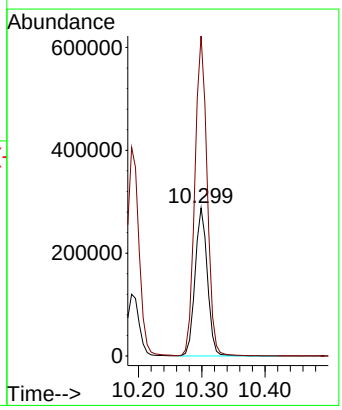


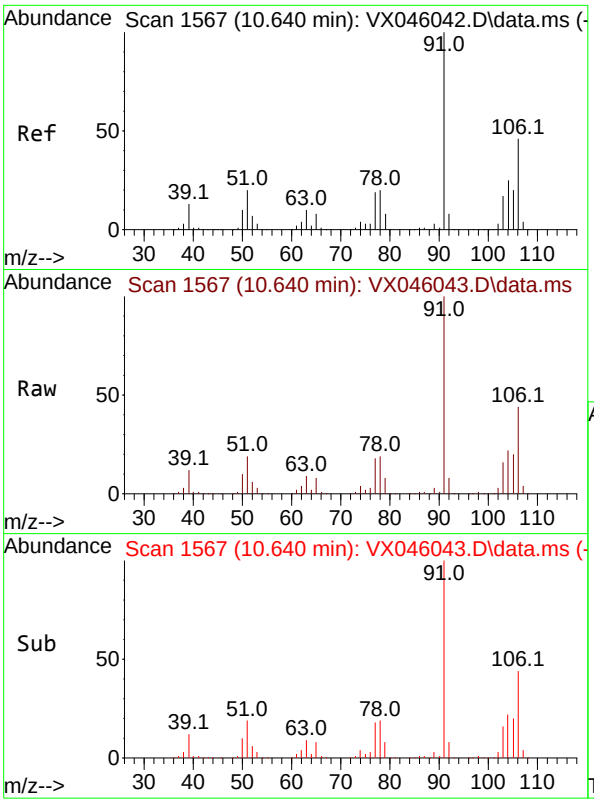


#68
m/p-Xylenes
Concen: 152.181 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:106 Resp: 389935

Ion	Ratio	Lower	Upper
106	100		
91	215.8	171.2	256.8



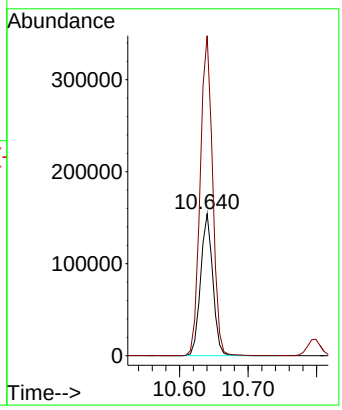


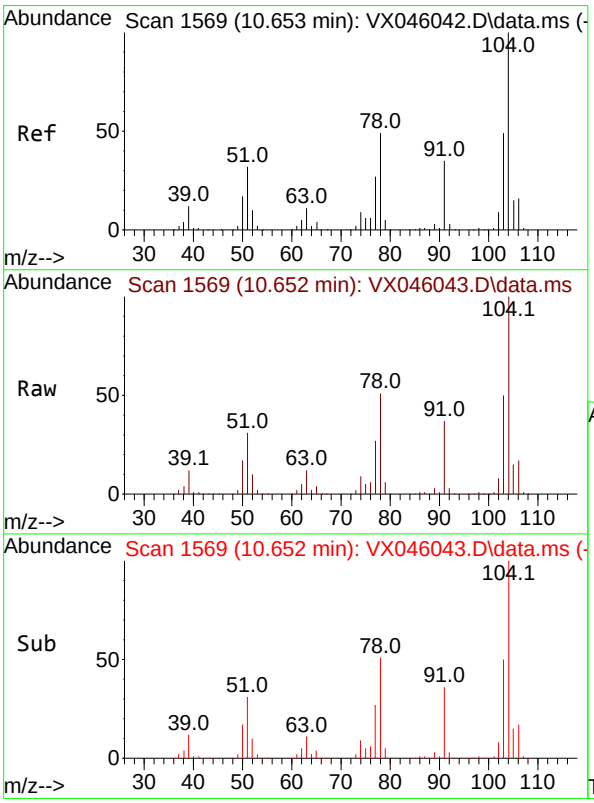
#69
o-Xylene
Concen: 73.890 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 190833

Ion	Ratio	Lower	Upper
106	100		
91	230.3	112.7	338.1

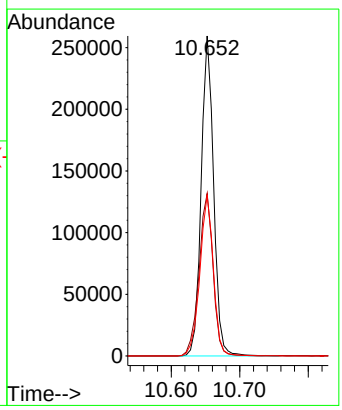


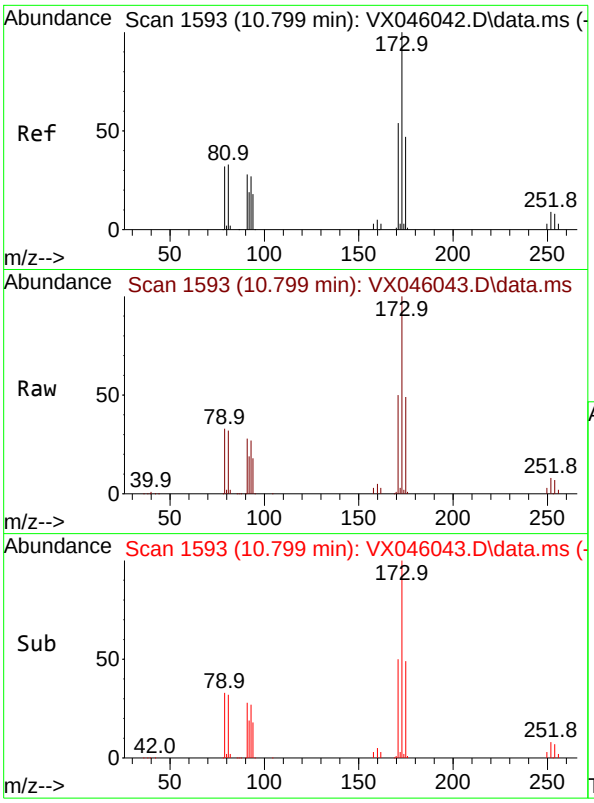


#70
Styrene
Concen: 79.411 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:104 Resp: 328195

Ion	Ratio	Lower	Upper
104	100		
78	57.4	45.7	68.5
103	54.8	43.7	65.5



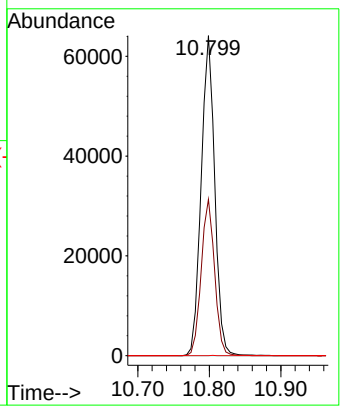


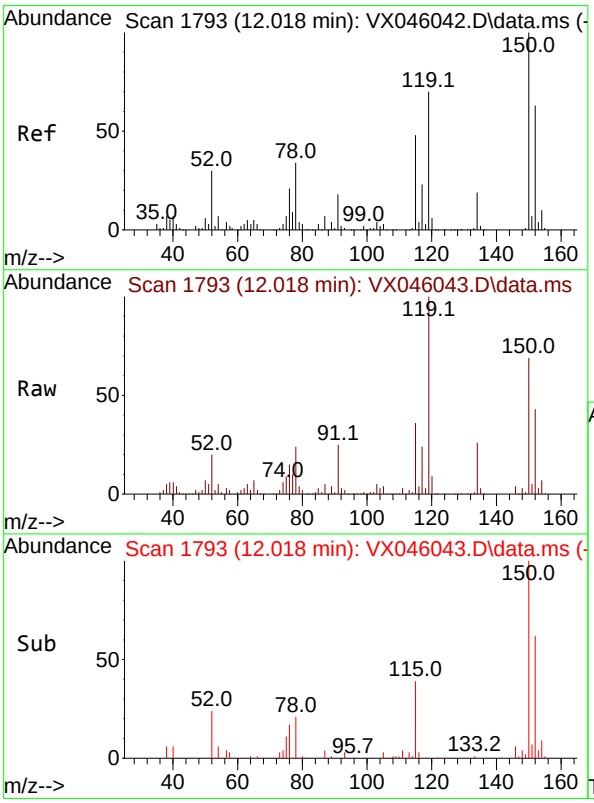
#71
Bromoform
Concen: 80.927 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 84353

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.4	70.0
254	0.0	0.0	0.0#

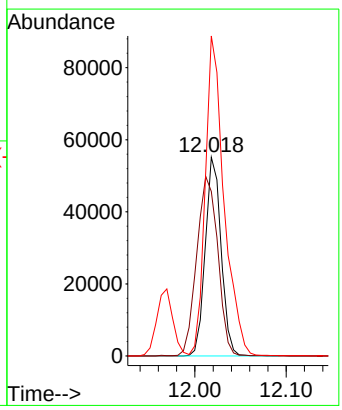


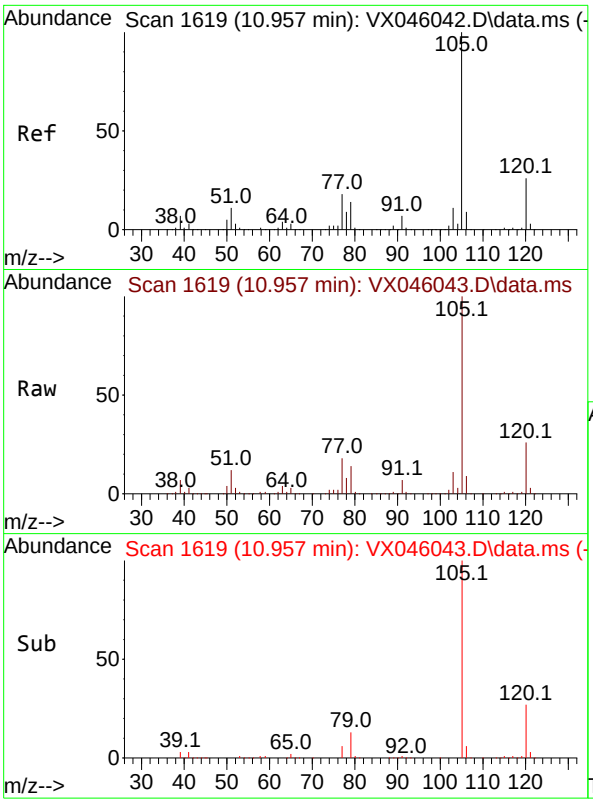


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:152 Resp: 66369

Ion	Ratio	Lower	Upper
152	100		
115	120.4	46.9	140.7
150	190.4	0.0	351.0



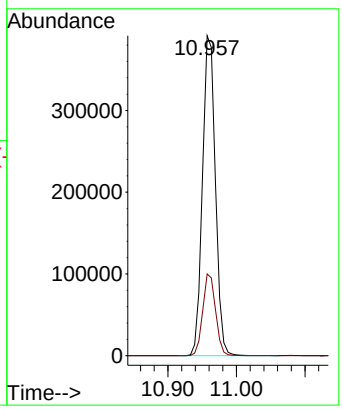


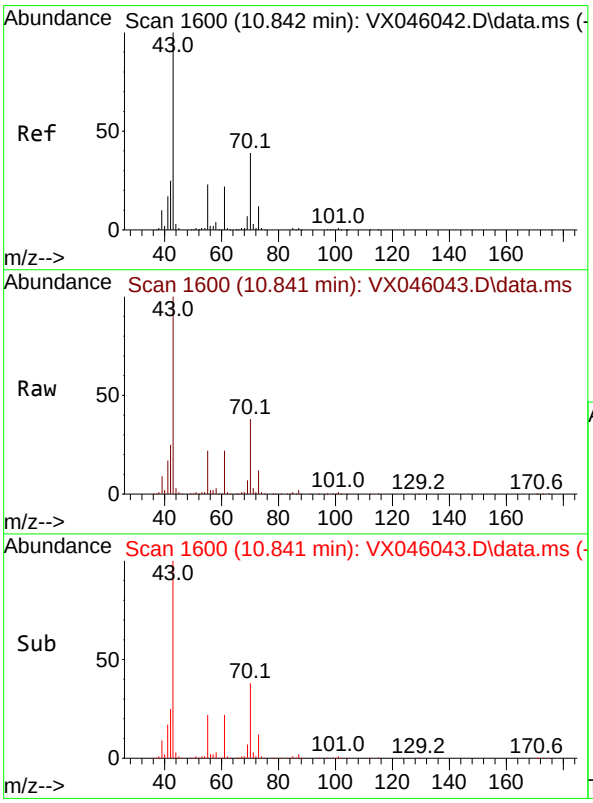
#73
Isopropylbenzene
Concen: 71.083 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 514528

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

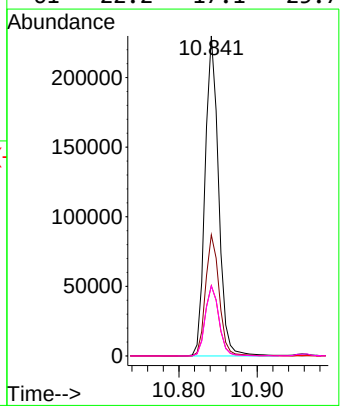


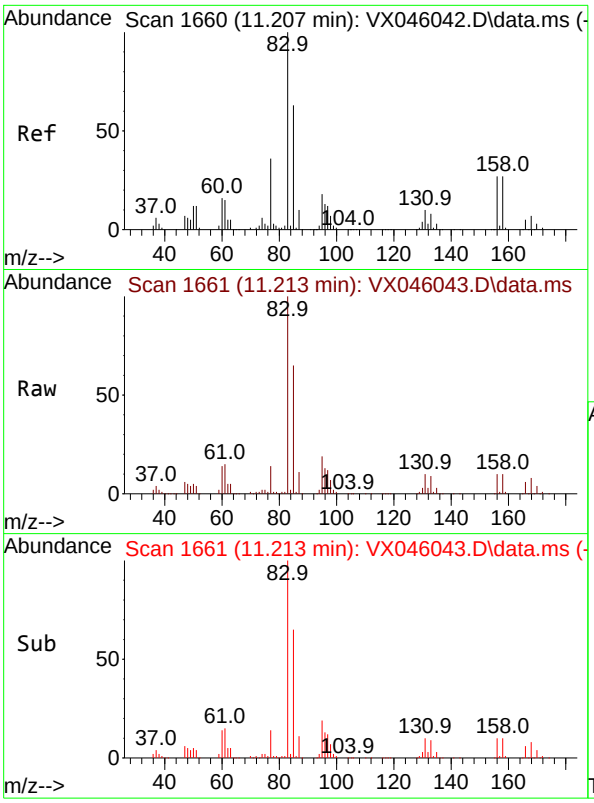


#74
N-amyl acetate
Concen: 76.073 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 274553

Ion	Ratio	Lower	Upper
43	100		
70	38.2	30.9	46.3
55	22.5	18.7	28.1
61	22.2	17.1	25.7



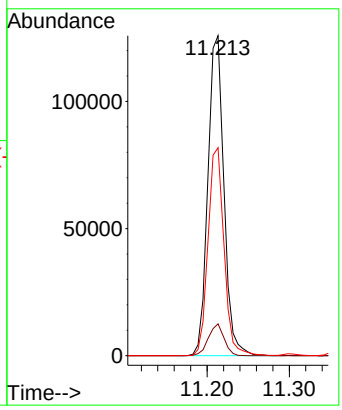


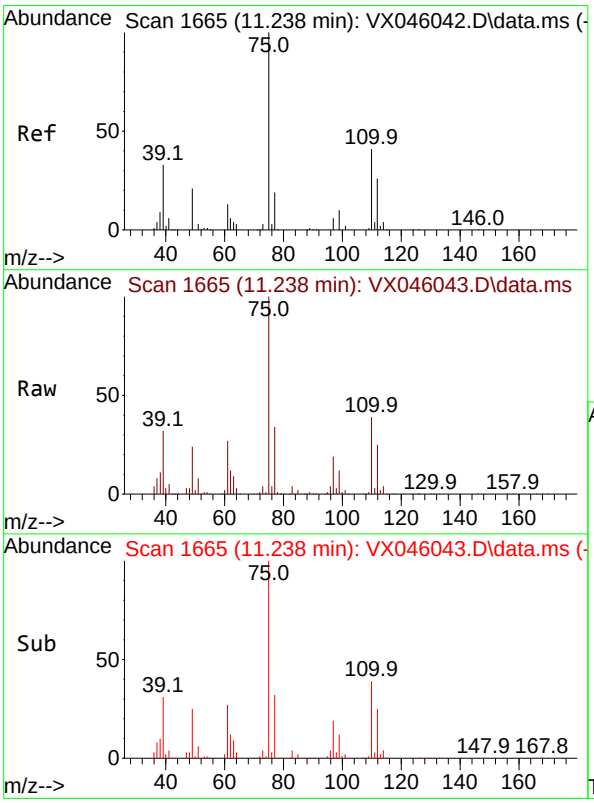
#75
1,1,2,2-Tetrachloroethane
Concen: 66.207 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 170481

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.9	31.9	95.7

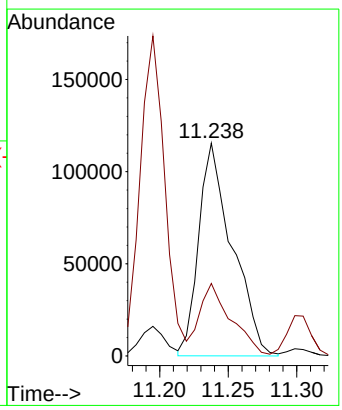


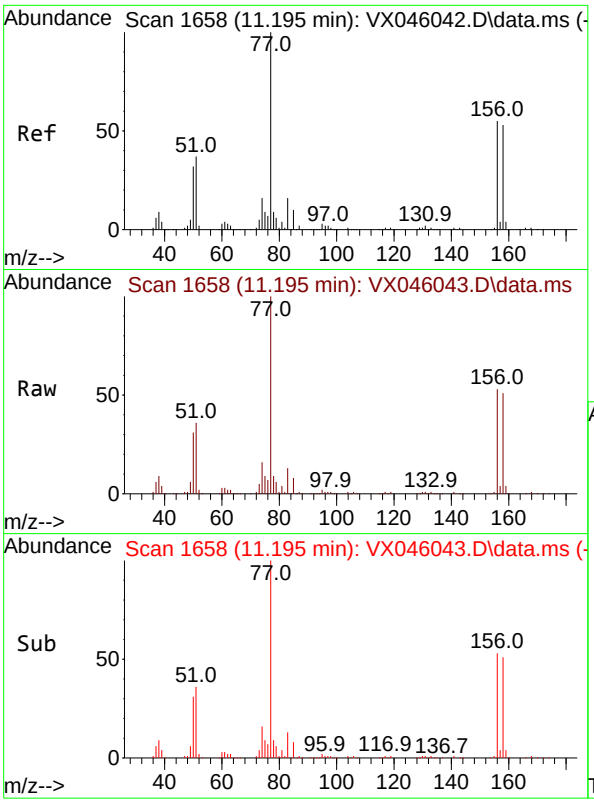


#76
1,2,3-Trichloropropane
Concen: 71.091 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 196706

Ion	Ratio	Lower	Upper
75	100		
77	32.2	20.5	61.5



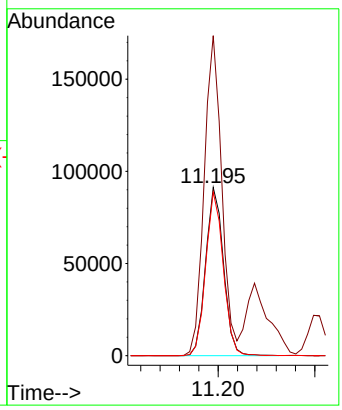


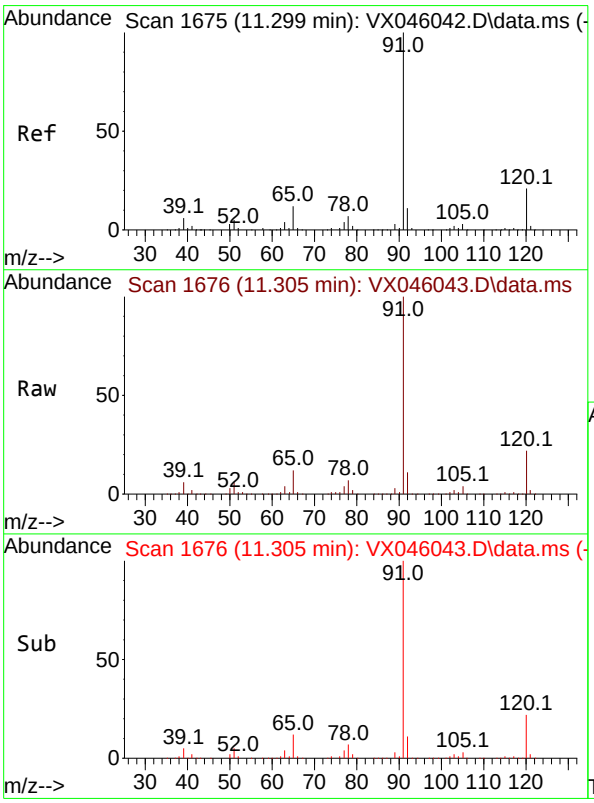
#77
Bromobenzene
Concen: 69.959 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 117151

Ion	Ratio	Lower	Upper
156	100		
77	187.4	92.8	278.3
158	96.1	48.8	146.3

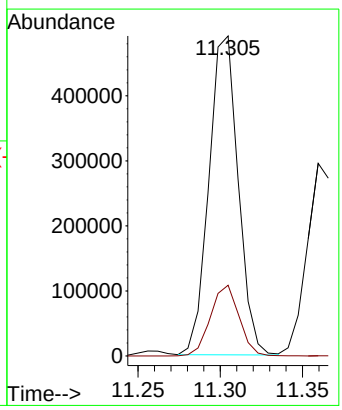


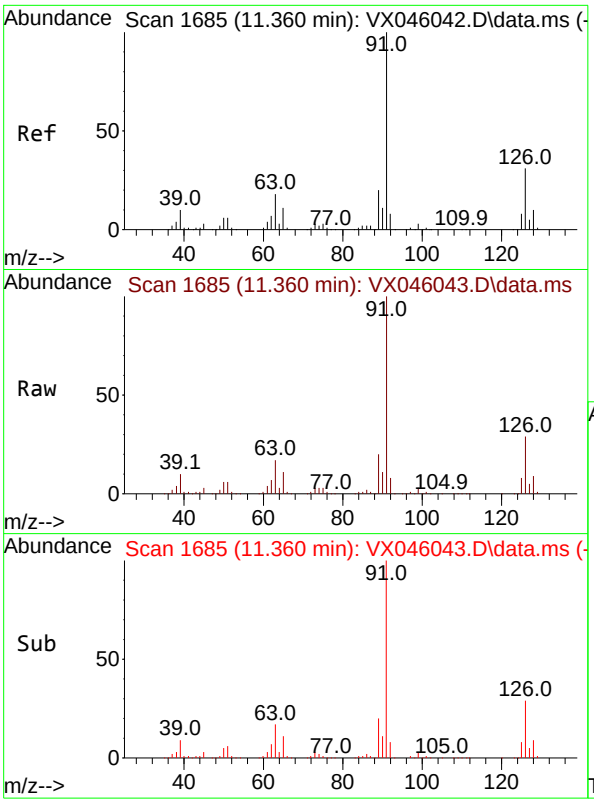


#78
n-propylbenzene
Concen: 74.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 608332

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4



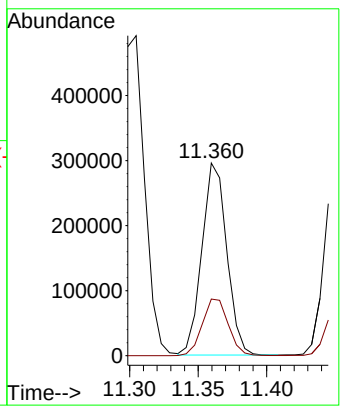


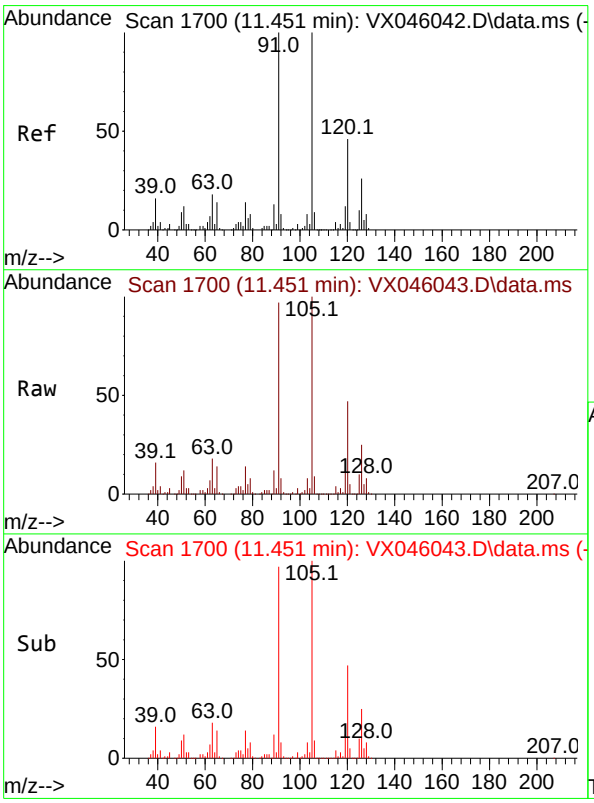
#79
2-Chlorotoluene
Concen: 68.100 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 372392

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7

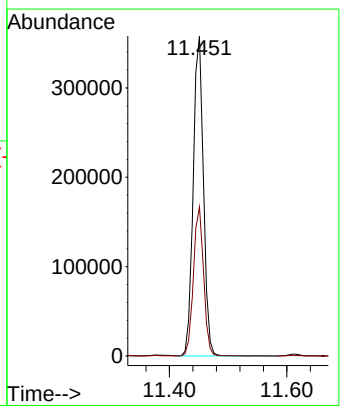


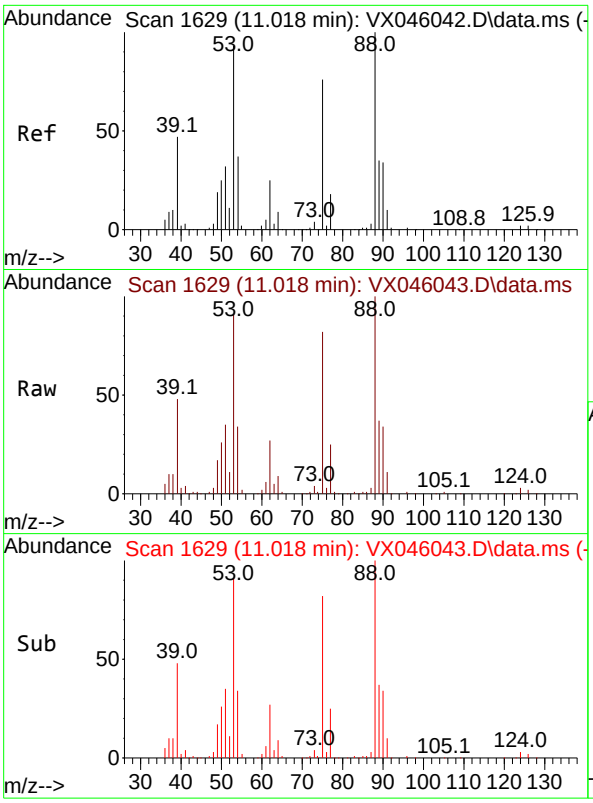


#80
1,3,5-Trimethylbenzene
Concen: 71.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 432096

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



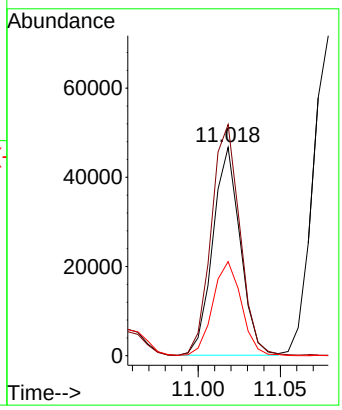


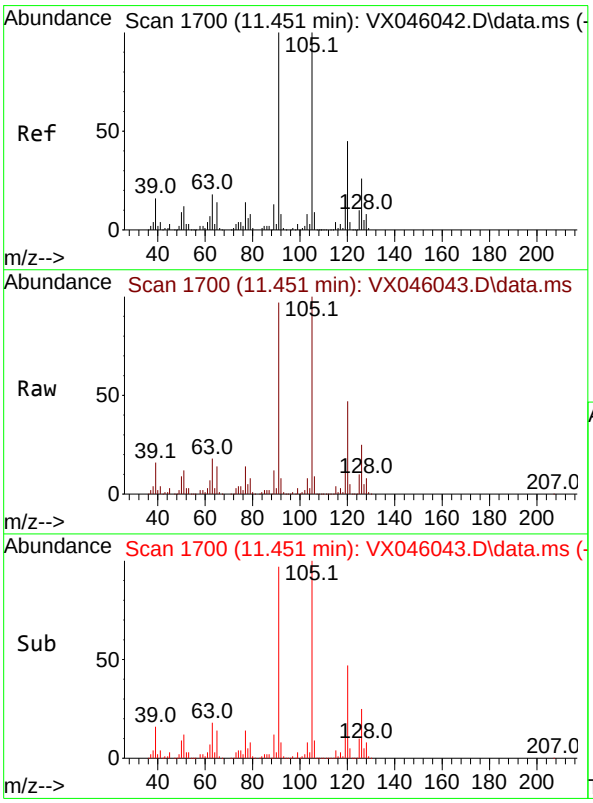
#81
trans-1,4-Dichloro-2-butene
Concen: 81.820 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 54398

Ion	Ratio	Lower	Upper
75	100		
53	115.8	100.5	150.7
89	47.0	37.0	55.6

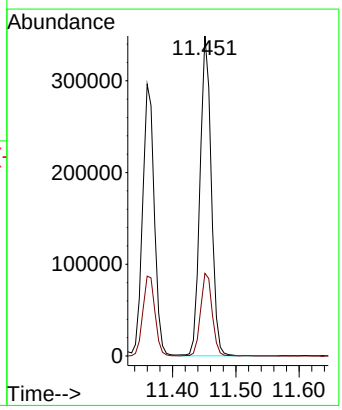


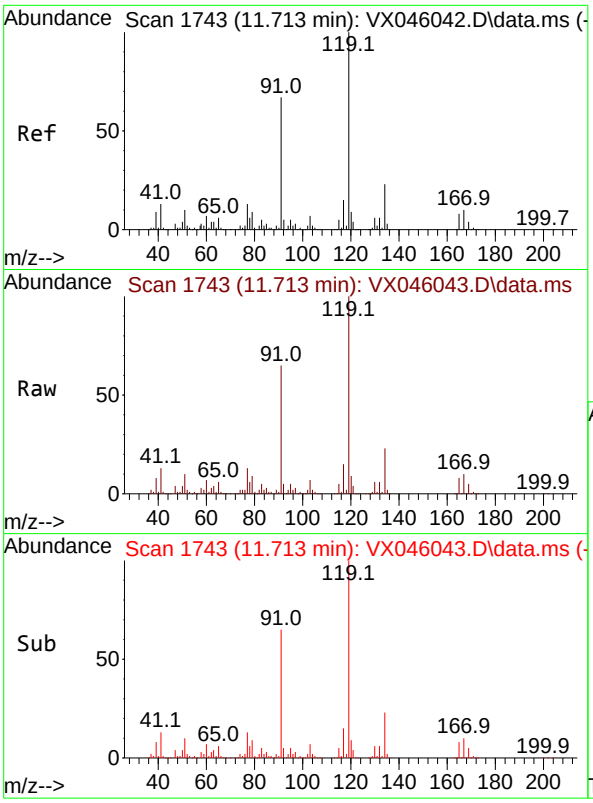


#82
4-Chlorotoluene
Concen: 71.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 91 Resp: 432053

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



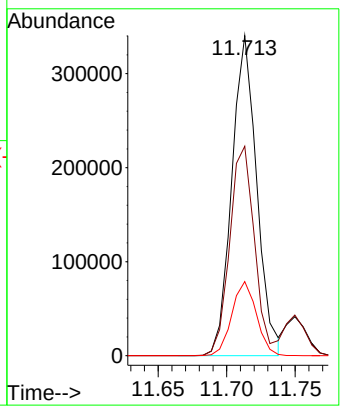


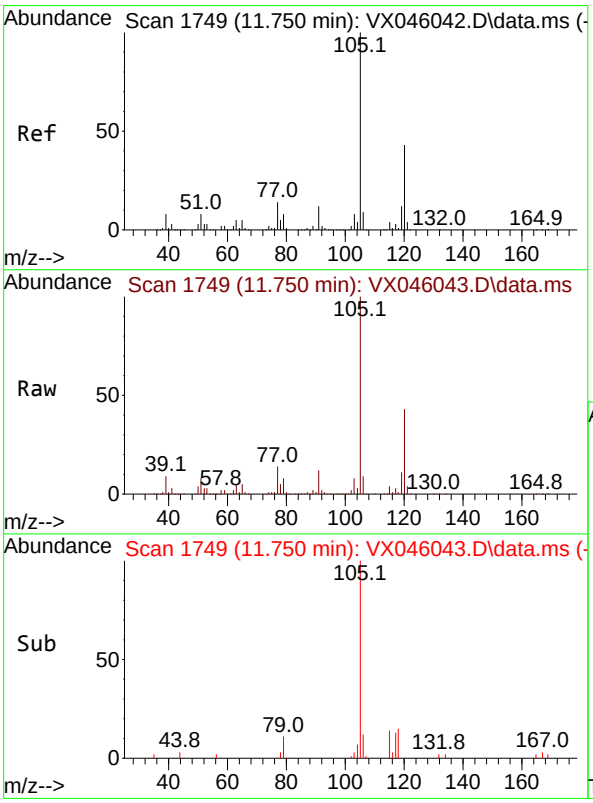
#83
tert-Butylbenzene
Concen: 73.197 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 432011

Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.9	98.7
134	22.8	11.4	34.1

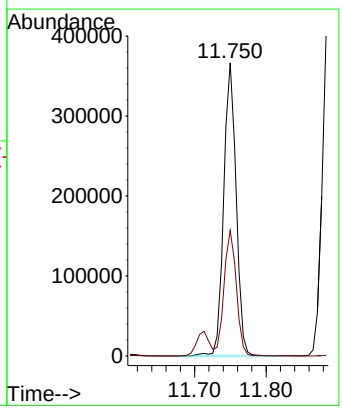


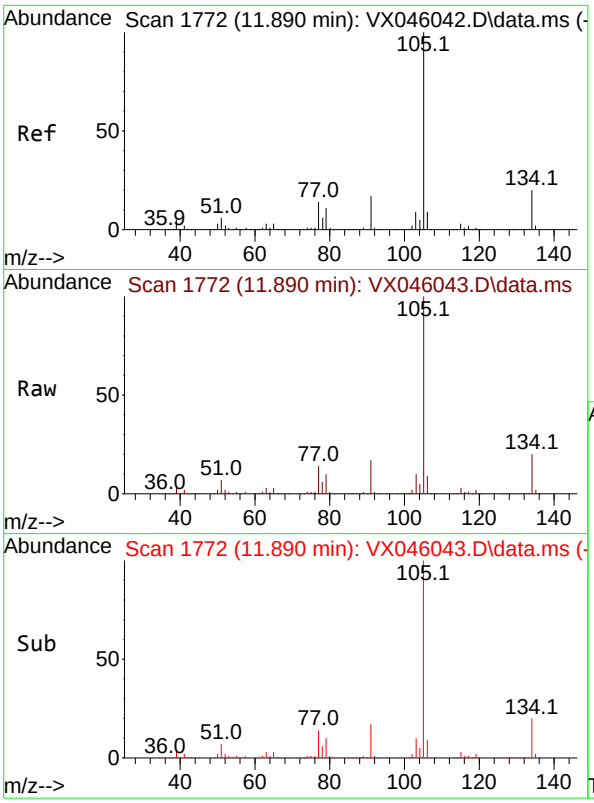


#84
1,2,4-Trimethylbenzene
Concen: 73.758 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 442728

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6



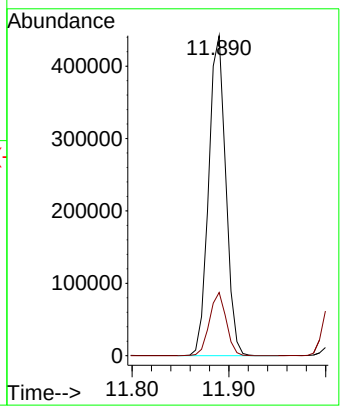


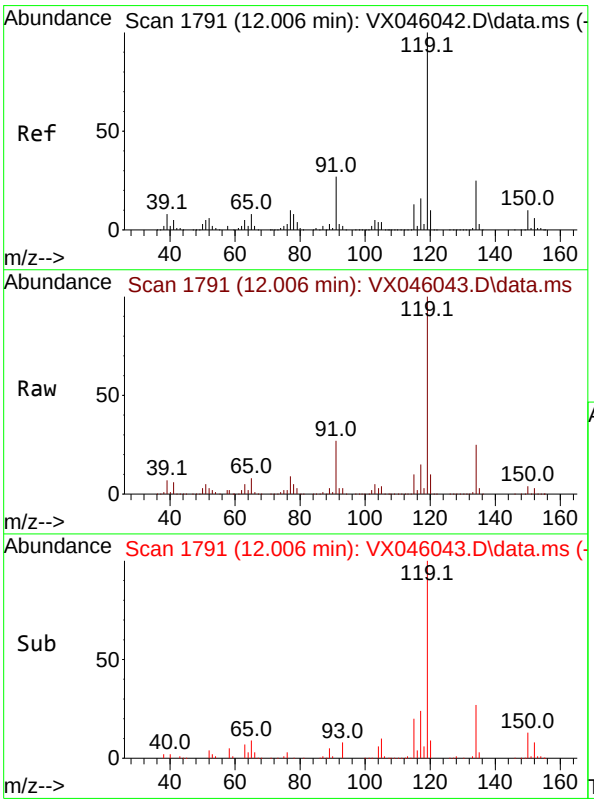
#85
sec-Butylbenzene
Concen: 74.188 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 543597

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

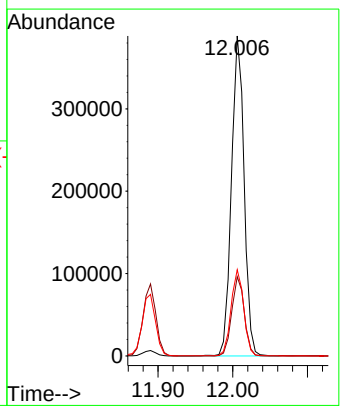


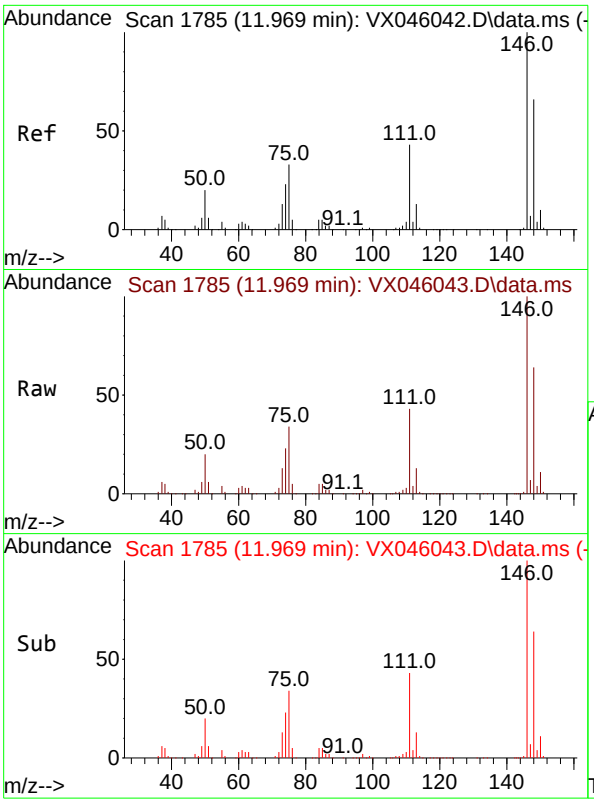


#86
p-Isopropyltoluene
Concen: 77.393 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:119 Resp: 457898

Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.5	37.5
91	26.8	13.8	41.4



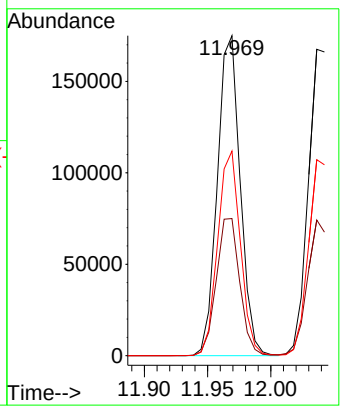


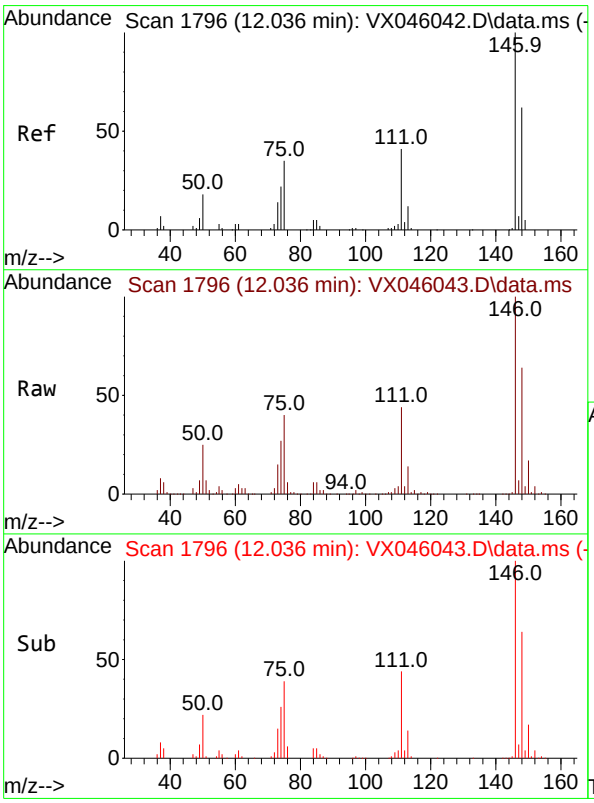
#87
1,3-Dichlorobenzene
Concen: 70.449 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 219753

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	63.5	32.1	96.5

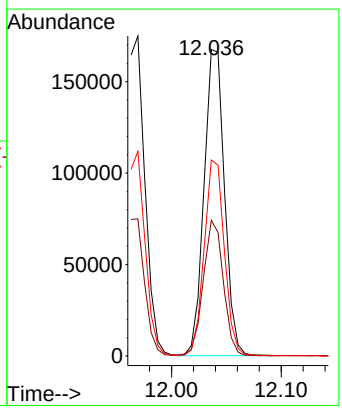


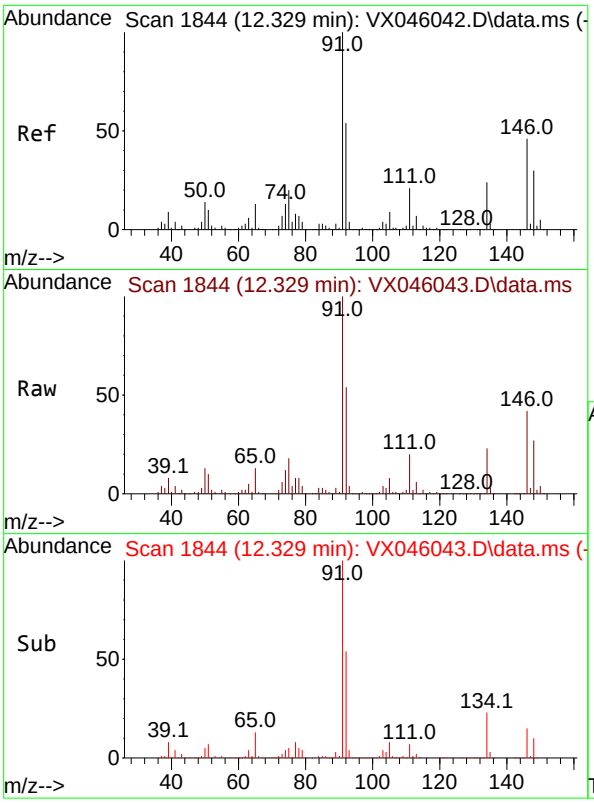


#88
1,4-Dichlorobenzene
Concen: 71.190 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:146 Resp: 217613

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	63.2	31.9	95.5



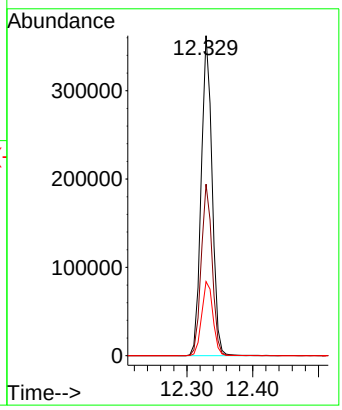


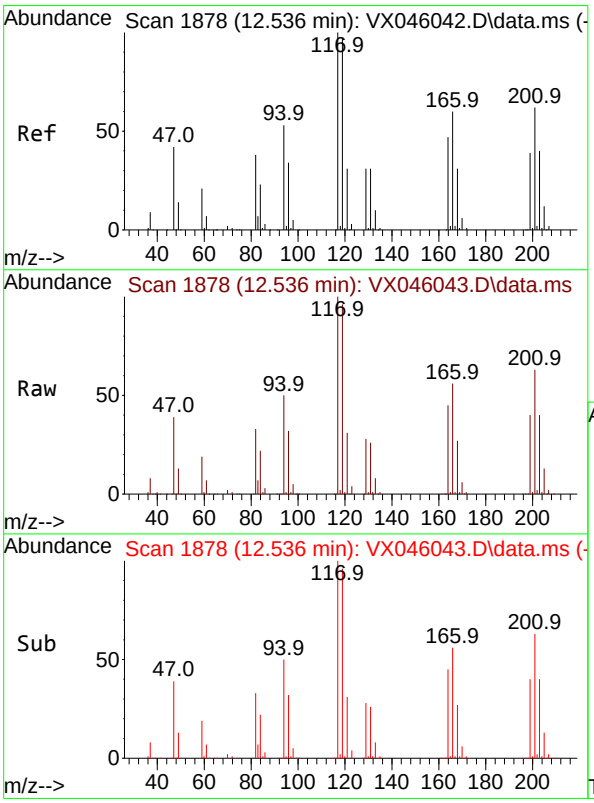
#89
n-Butylbenzene
Concen: 80.996 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 416602

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	24.0	11.8	35.3

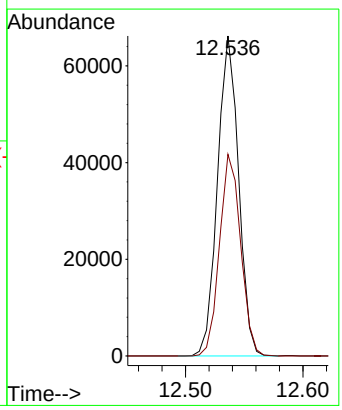


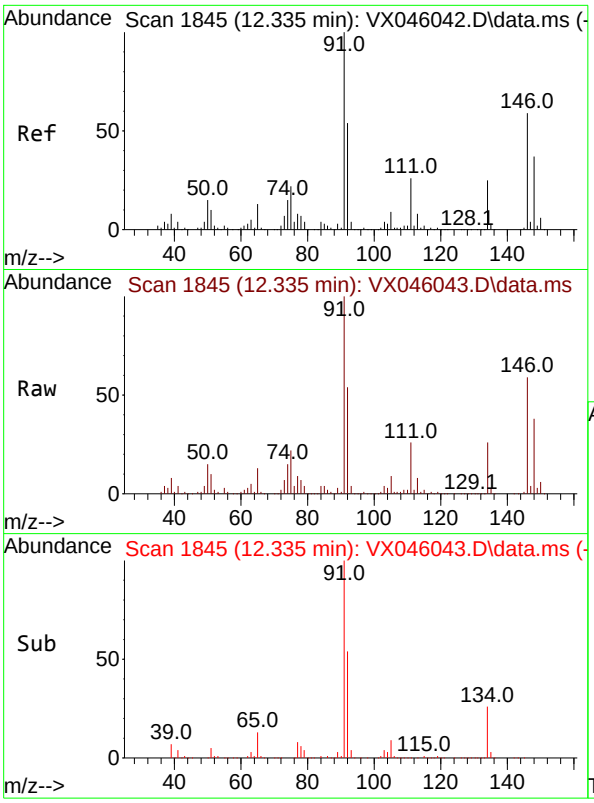


#90
Hexachloroethane
Concen: 74.978 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:117 Resp: 82528

Ion	Ratio	Lower	Upper
117	100		
201	63.3	31.6	94.7



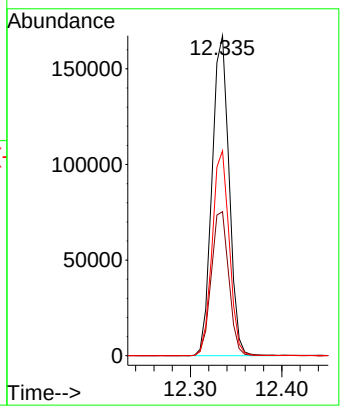


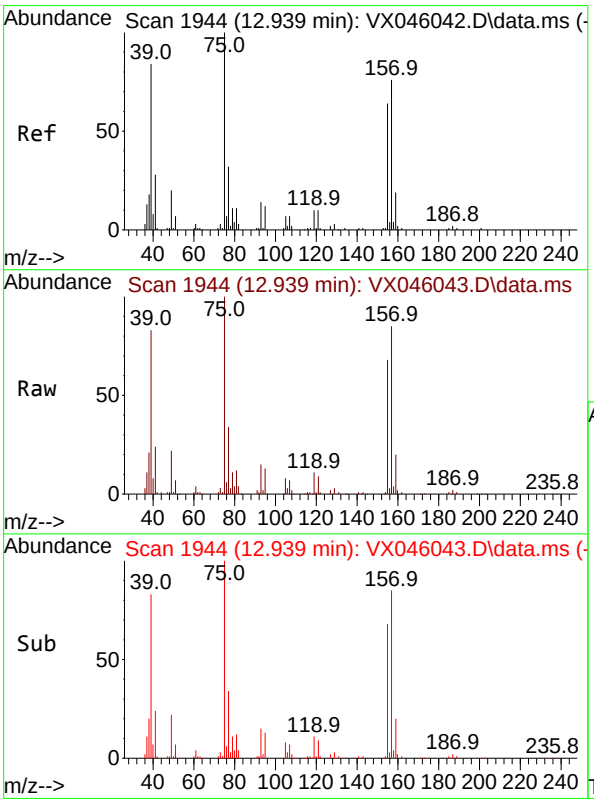
#91
1,2-Dichlorobenzene
Concen: 71.367 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 216834

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.4	67.3
148	64.0	31.6	94.8

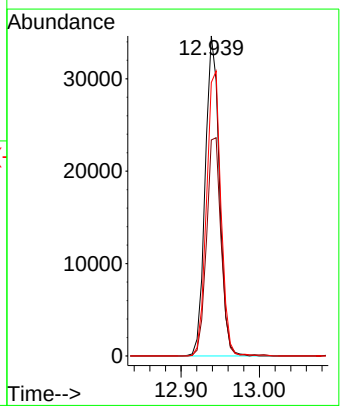


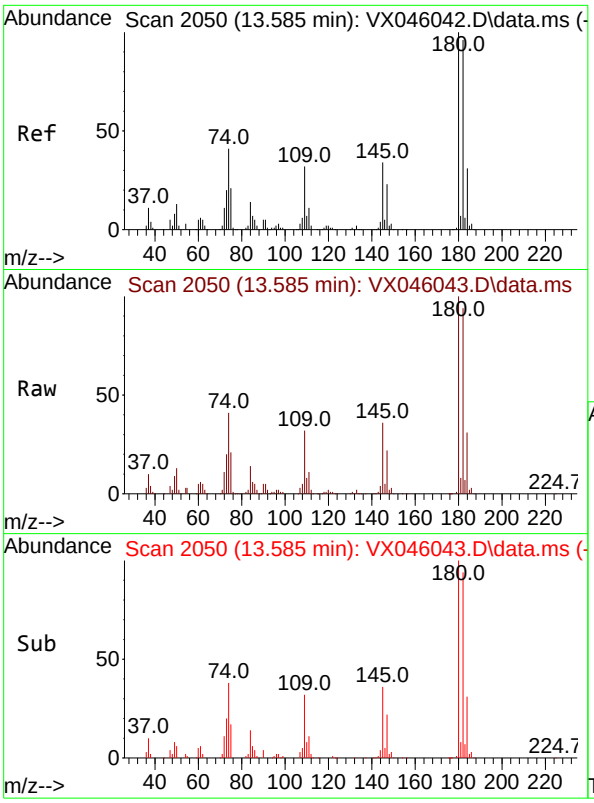


#92
1,2-Dibromo-3-Chloropropane
Concen: 74.512 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 75 Resp: 43673

Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.9	104.8
157	90.1	43.8	131.4



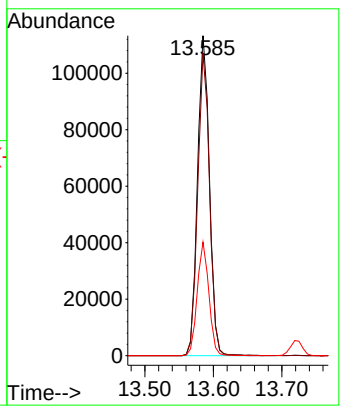


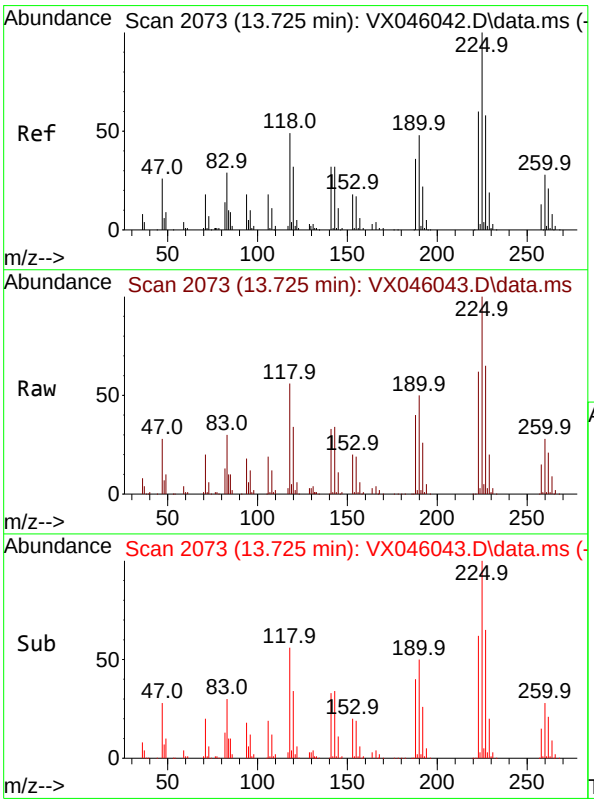
#93
1,2,4-Trichlorobenzene
Concen: 82.605 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 137430

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.8
145	34.6	17.1	51.2

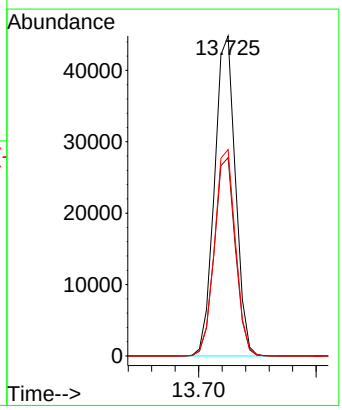


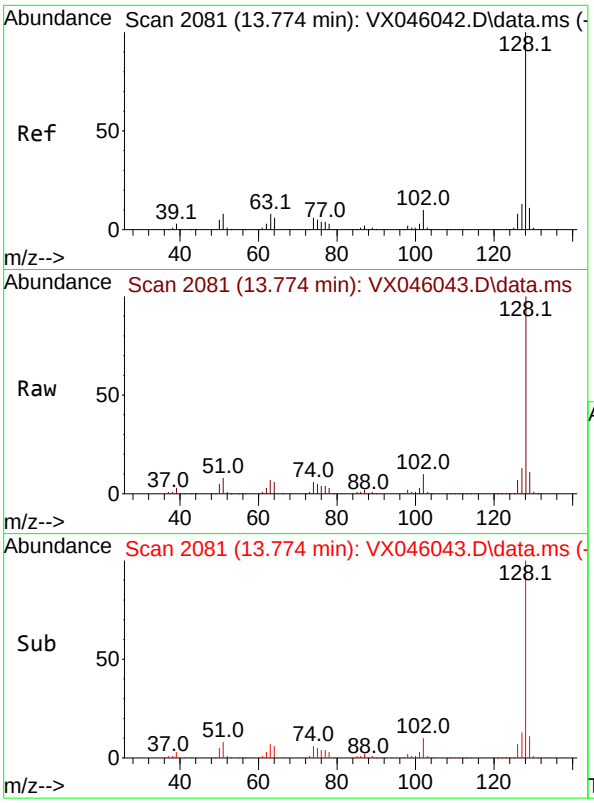


#94
Hexachlorobutadiene
Concen: 71.314 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:225 Resp: 55494

Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.8	92.4
227	64.9	30.9	92.7



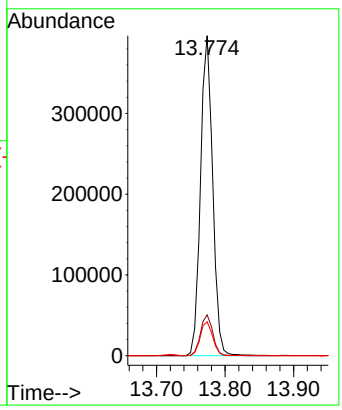


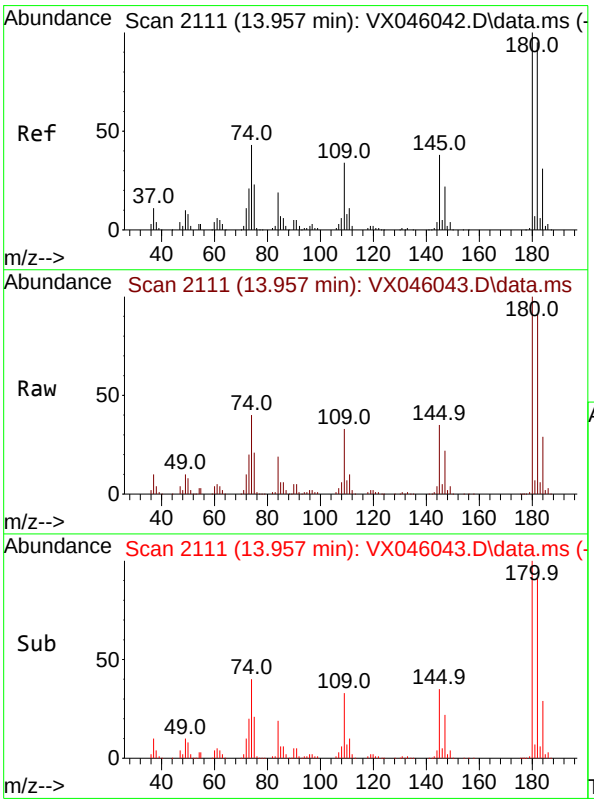
#95
Naphthalene
Concen: 80.842 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 489778

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

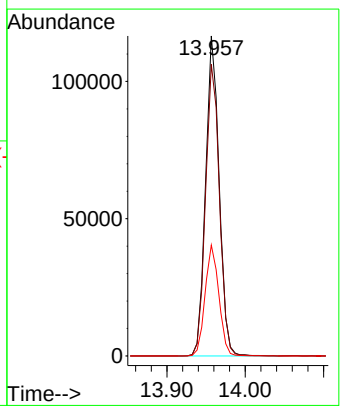




#96
1,2,3-Trichlorobenzene
Concen: 79.981 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:180 Resp: 139525

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.8	143.3
145	35.3	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	82963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60345	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	231952	93.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 187.960%#			
35) Dibromofluoromethane	5.385	113	160168	98.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.120%#			
50) Toluene-d8	8.647	98	554390	101.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.500%#			
62) 4-Bromofluorobenzene	11.079	95	217536	109.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 218.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	217793	118.929	ug/l	98
3) Chloromethane	1.307	50	196843	109.161	ug/l	99
4) Vinyl Chloride	1.374	62	187924	118.953	ug/l	100
5) Bromomethane	1.593	94	83008	103.625	ug/l	95
6) Chloroethane	1.660	64	78806	96.822	ug/l	98
7) Trichlorofluoromethane	1.868	101	245108	101.851	ug/l	97
8) Diethyl Ether	2.136	74	88441	111.791	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	161404	112.243	ug/l	99
10) Methyl Iodide	2.441	142	189843	112.441	ug/l	100
11) Tert butyl alcohol	3.002	59	181238	616.119	ug/l	100
12) 1,1-Dichloroethene	2.307	96	155451	111.039	ug/l	99
13) Acrolein	2.239	56	203257	594.872	ug/l	98
14) Allyl chloride	2.654	41	297776	112.561	ug/l	98
15) Acrylonitrile	3.069	53	484854	550.973	ug/l	98
16) Acetone	2.392	43	460820	545.754	ug/l	98
17) Carbon Disulfide	2.502	76	397353	122.499	ug/l	100
18) Methyl Acetate	2.709	43	217885	108.099	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	557210	114.112	ug/l	100
20) Methylene Chloride	2.782	84	172035	100.579	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	154694	108.241	ug/l	96
22) Diisopropyl ether	3.764	45	577610	116.858	ug/l	90
23) Vinyl Acetate	3.721	43	2655751	608.005	ug/l	100
24) 1,1-Dichloroethane	3.605	63	320083	110.182	ug/l	99
25) 2-Butanone	4.562	43	708463	581.292	ug/l	98
26) 2,2-Dichloropropane	4.471	77	258698	117.548	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	187835	108.994	ug/l	99
28) Bromochloromethane	4.898	49	146923	95.108	ug/l	100
29) Tetrahydrofuran	5.007	42	450456	569.081	ug/l	99
30) Chloroform	5.087	83	323659	107.208	ug/l	95
31) Cyclohexane	5.458	56	286312	116.934	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	295702	113.572	ug/l	98
36) 1,1-Dichloropropene	5.684	75	219731	116.462	ug/l	99
37) Ethyl Acetate	4.715	43	274312	115.889	ug/l	99
38) Carbon Tetrachloride	5.666	117	250916	115.760	ug/l	99
39) Methylcyclohexane	7.373	83	286311	121.107	ug/l	97
40) Benzene	6.031	78	642178	109.813	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	151424	115.139	ug/l		98
42) 1,2-Dichloroethane	6.080	62	271992	112.492	ug/l		99
43) Isopropyl Acetate	6.342	43	447871	123.780	ug/l		100
44) Trichloroethene	7.117	130	157641	114.032	ug/l		96
45) 1,2-Dichloropropane	7.428	63	164505	113.217	ug/l		99
46) Dibromomethane	7.574	93	125846	109.869	ug/l		100
47) Bromodichloromethane	7.818	83	258326	116.365	ug/l		98
48) Methyl methacrylate	7.690	41	231040	124.356	ug/l		99
49) 1,4-Dioxane	7.665	88	82800	2241.695	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	1371275	577.831	ug/l		100
52) Toluene	8.714	92	393323	113.430	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	257233	138.001	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	271054	124.658	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	154932	110.551	ug/l		97
56) Ethyl methacrylate	9.116	69	277921	127.968	ug/l		99
57) 1,3-Dichloropropane	9.305	76	272814	109.813	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	680608	697.344	ug/l		100
59) 2-Hexanone	9.433	43	1028597	571.094	ug/l		99
60) Dibromochloromethane	9.519	129	187497	122.915	ug/l		98
61) 1,2-Dibromoethane	9.604	107	165634	115.087	ug/l		97
64) Tetrachloroethene	9.269	164	132488	100.918	ug/l		96
65) Chlorobenzene	10.080	112	429656	108.615	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	152173	115.333	ug/l		99
67) Ethyl Benzene	10.189	91	785121	116.421	ug/l		99
68) m/p-Xylenes	10.299	106	570913	234.349	ug/l		100
69) o-Xylene	10.640	106	279906	113.990	ug/l		99
70) Styrene	10.653	104	474254	120.694	ug/l		99
71) Bromoform	10.799	173	125986	127.128	ug/l	#	99
73) Isopropylbenzene	10.957	105	752337	114.312	ug/l		99
74) N-amyl acetate	10.842	43	396877	120.944	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	243532	104.018	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	284571	113.113	ug/l		85
77) Bromobenzene	11.195	156	167934	110.297	ug/l		99
78) n-propylbenzene	11.305	91	881218	119.448	ug/l		100
79) 2-Chlorotoluene	11.360	91	534560	107.514	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	616477	112.825	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	81372	134.609	ug/l		93
82) 4-Chlorotoluene	11.451	91	611736	111.948	ug/l		100
83) tert-Butylbenzene	11.713	119	617473	115.065	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	623456	114.236	ug/l		99
85) sec-Butylbenzene	11.890	105	786293	118.023	ug/l		99
86) p-Isopropyltoluene	12.006	119	651531	121.113	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	313100	110.394	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	311752	112.167	ug/l		100
89) n-Butylbenzene	12.329	91	605783	129.533	ug/l		100
90) Hexachloroethane	12.536	117	123188	123.091	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	308039	111.506	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64438	120.915	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	203255	134.366	ug/l		98
94) Hexachlorobutadiene	13.719	225	80558	113.857	ug/l		99
95) Naphthalene	13.774	128	721236	130.929	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	200379	126.331	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

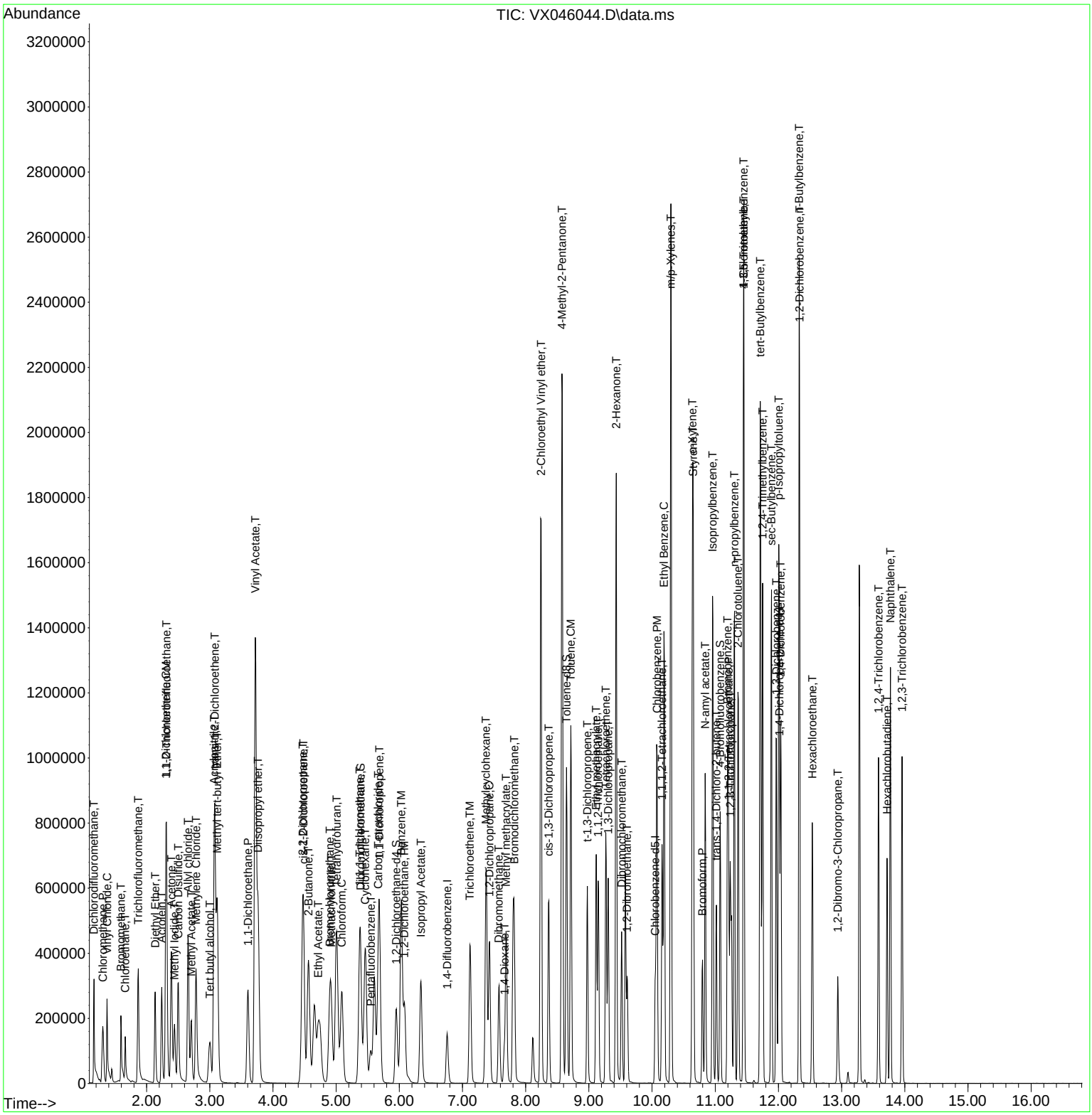
(#) = qualifier out of range (m) = manual integration (+) = signals summed

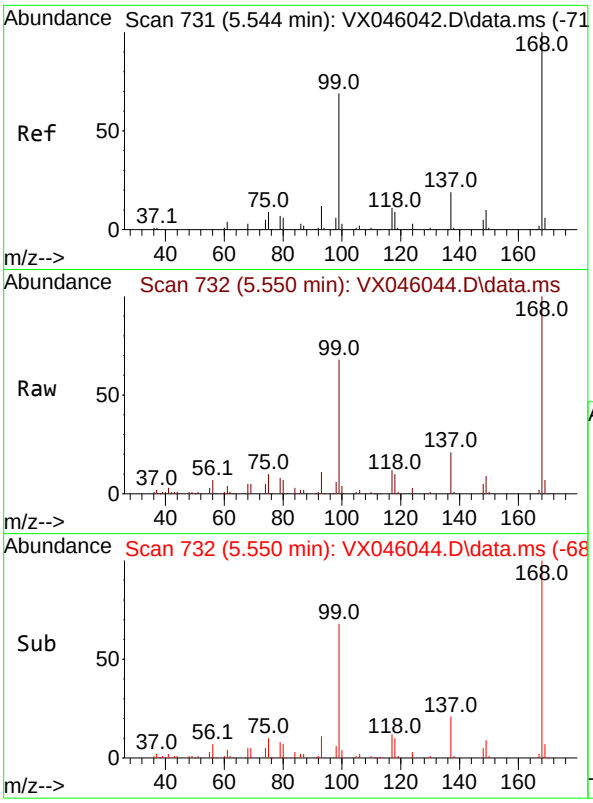
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



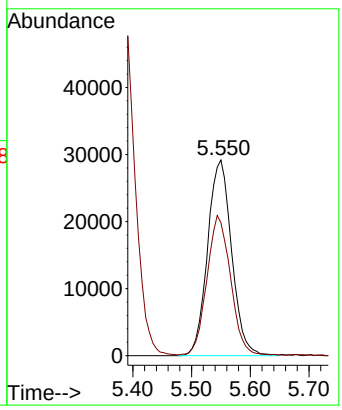


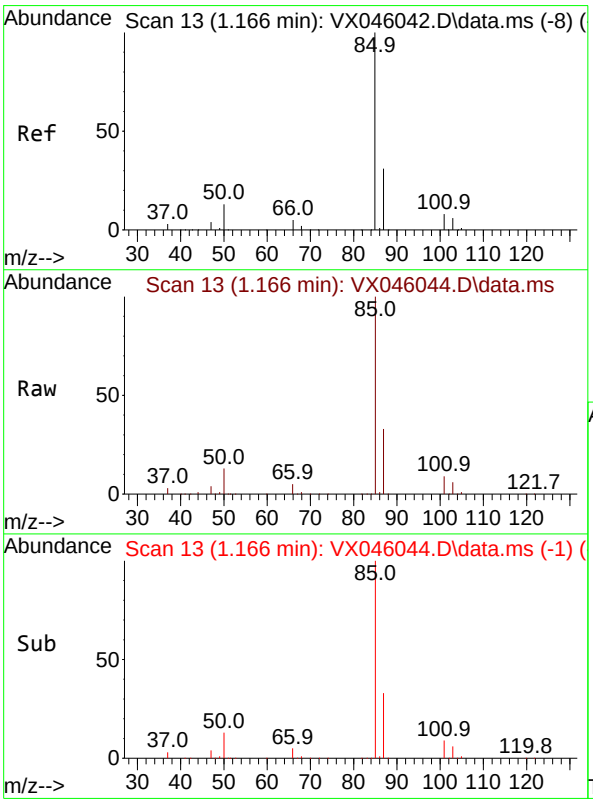
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 82963

Ion	Ratio	Lower	Upper
168	100		
99	67.6	54.9	82.3

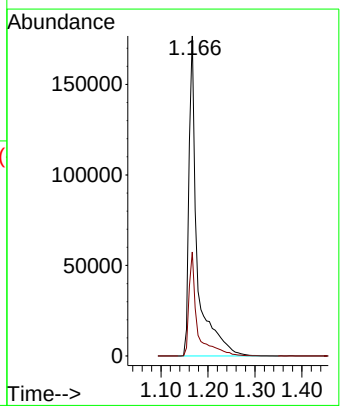


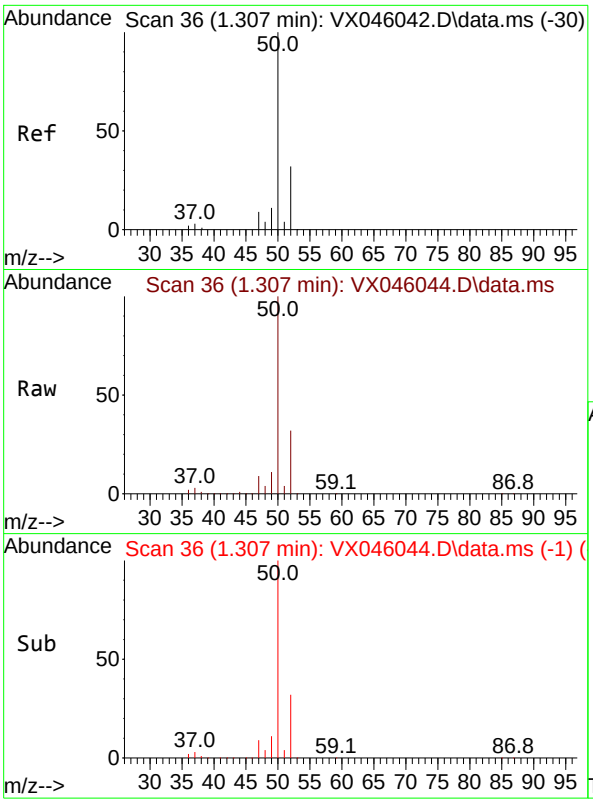


#2
Dichlorodifluoromethane
Concen: 118.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 85 Resp: 217793

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1



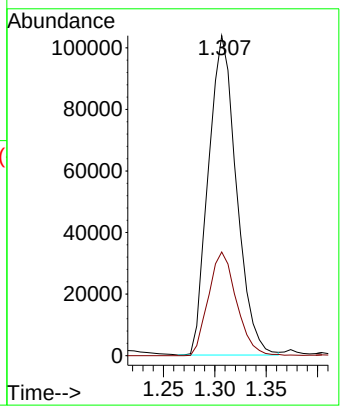


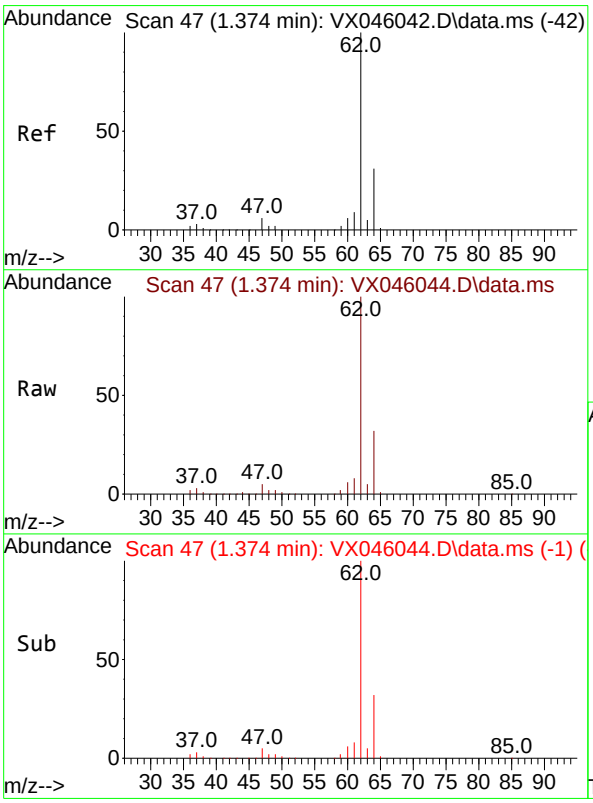
#3
Chloromethane
Concen: 109.161 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 196843

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.4	38.2

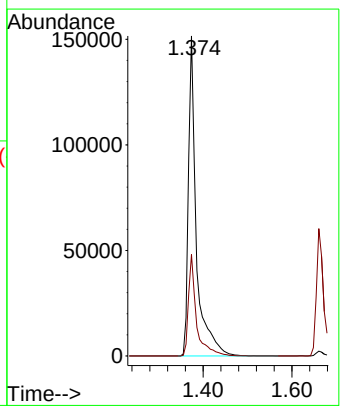


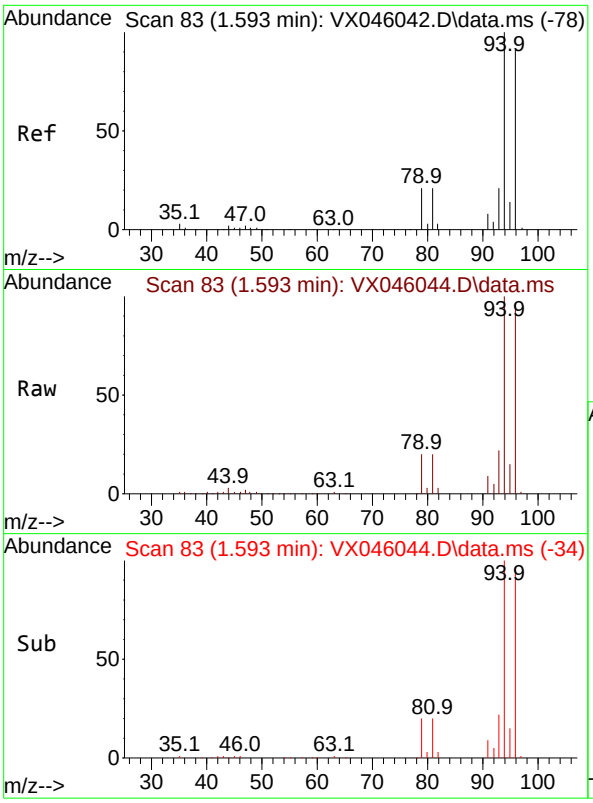


#4
Vinyl Chloride
Concen: 118.953 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 62 Resp: 187924

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.2	37.8



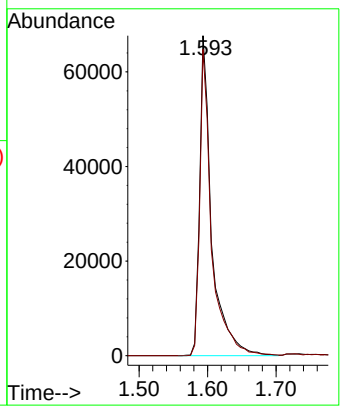


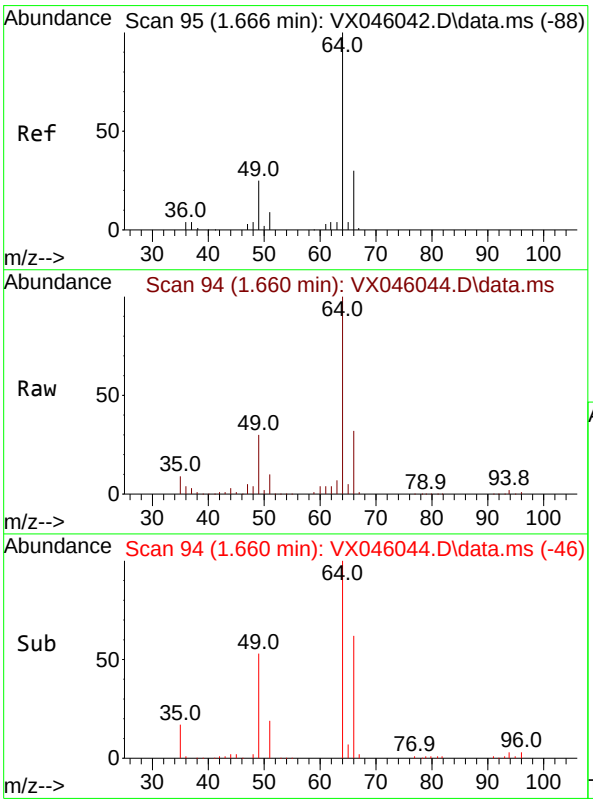
#5
Bromomethane
Concen: 103.625 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 83008

Ion	Ratio	Lower	Upper
94	100		
96	95.8	72.8	109.2

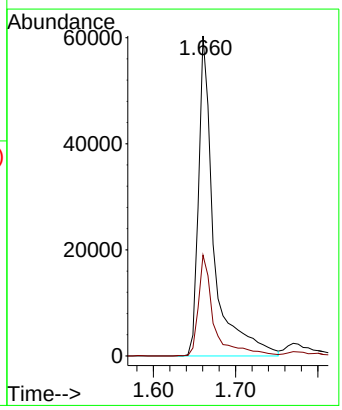


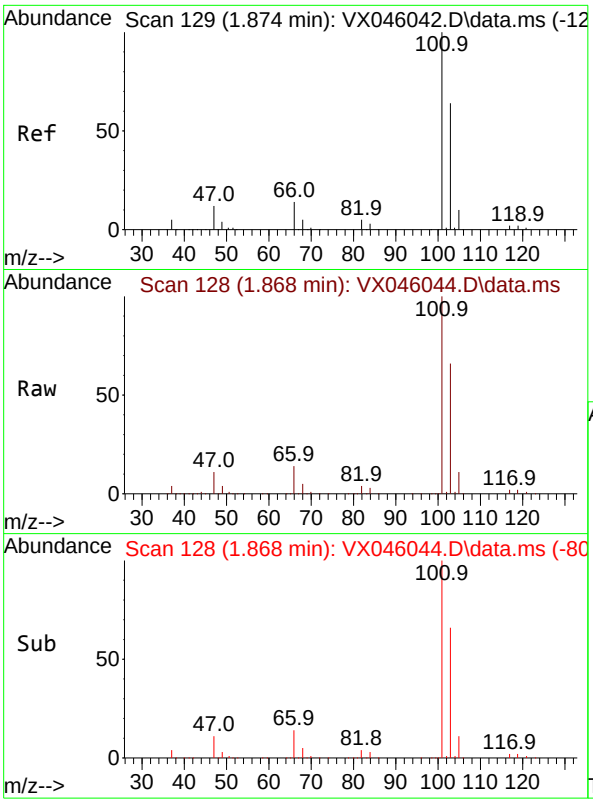


#6
Chloroethane
Concen: 96.822 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 64 Resp: 78806

Ion	Ratio	Lower	Upper
64	100		
66	31.3	24.3	36.5



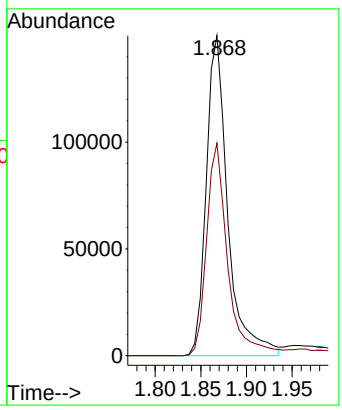


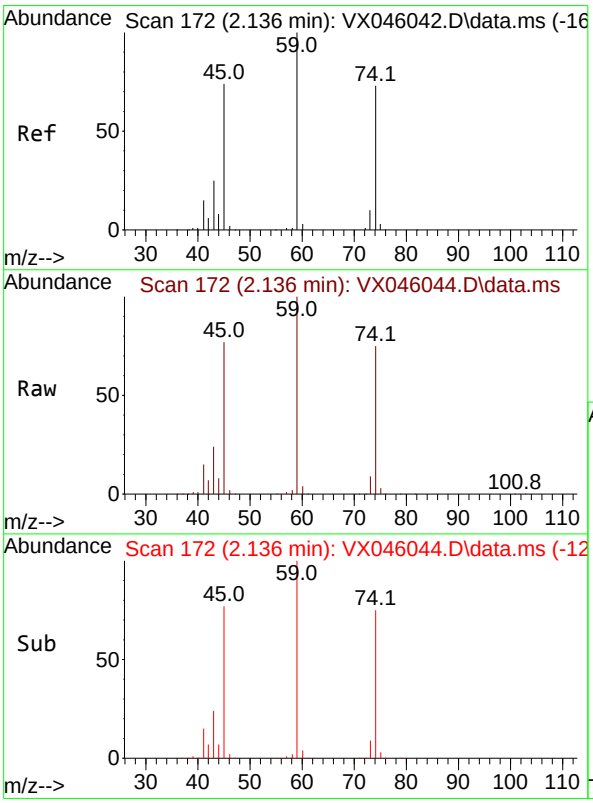
#7
Trichlorofluoromethane
Concen: 101.851 ug/l
RT: 1.868 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 245108

Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.0	76.4

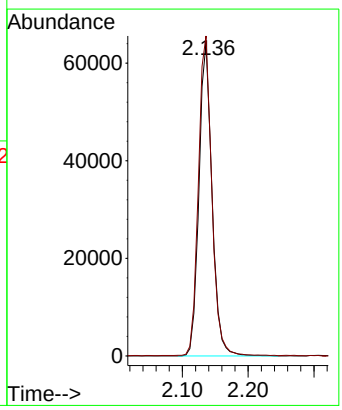


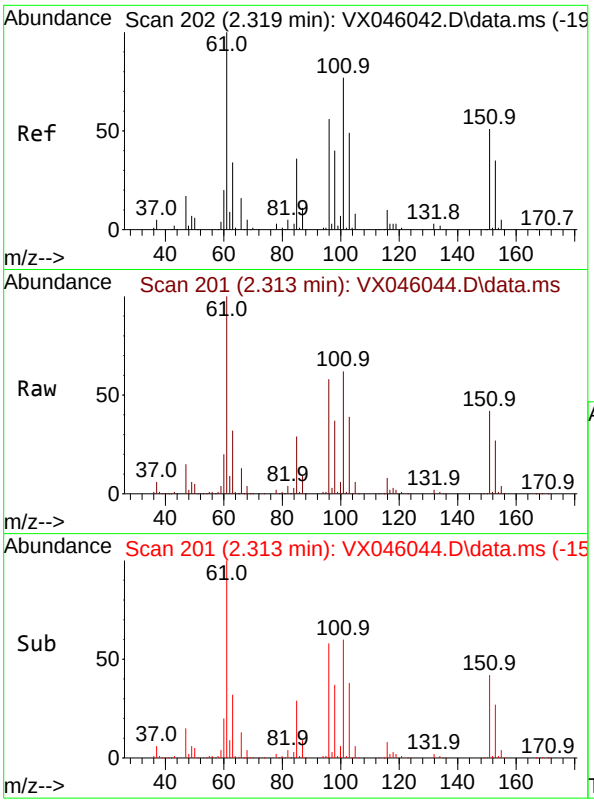


#8
Diethyl Ether
Concen: 111.791 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 74 Resp: 88441

Ion	Ratio	Lower	Upper
74	100		
45	104.7	54.9	164.8



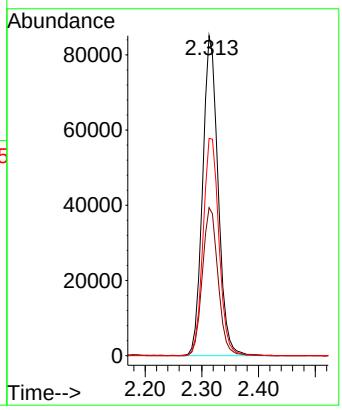


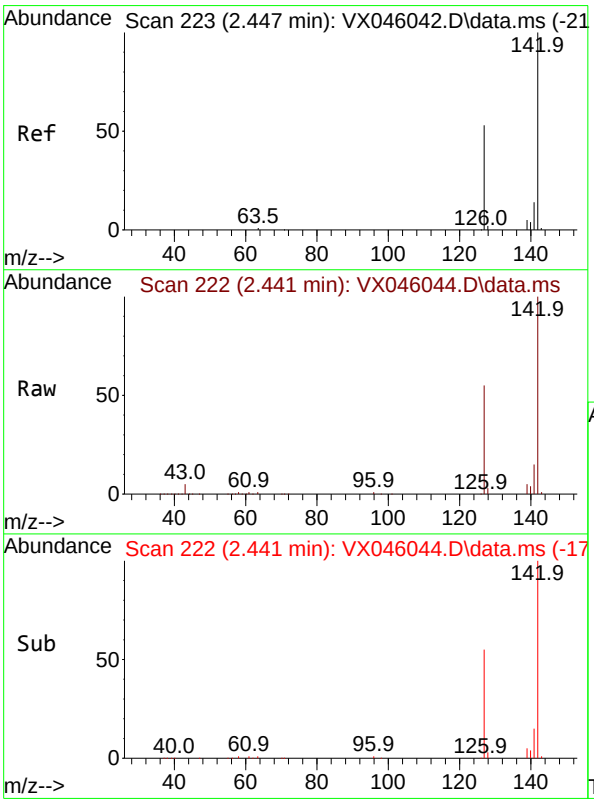
#9
1,1,2-Trichlorotrifluoroethane
Concen: 112.243 ug/l
RT: 2.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 161404

Ion	Ratio	Lower	Upper
101	100		
85	46.8	38.6	58.0
151	69.8	55.2	82.8

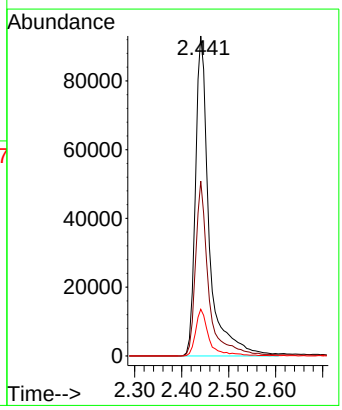


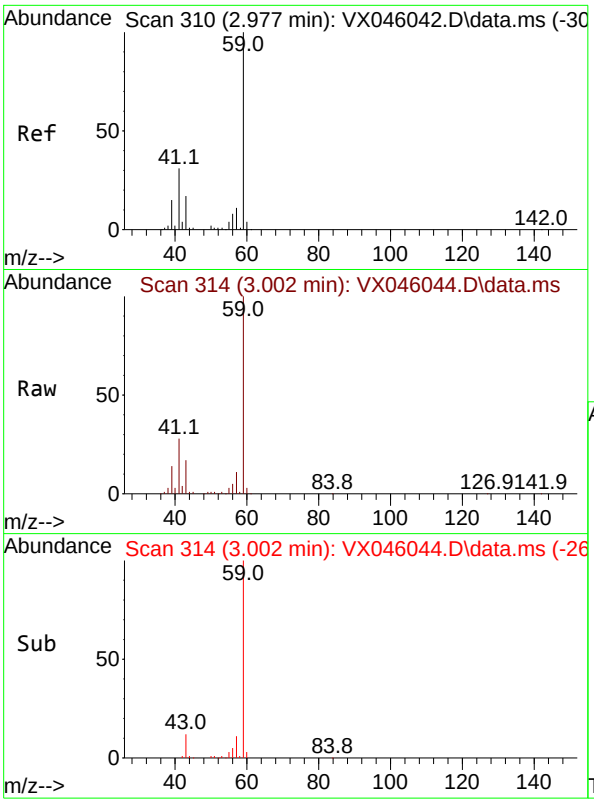


#10
Methyl Iodide
Concen: 112.441 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:142 Resp: 189843

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.7	62.5
141	14.4	11.5	17.3



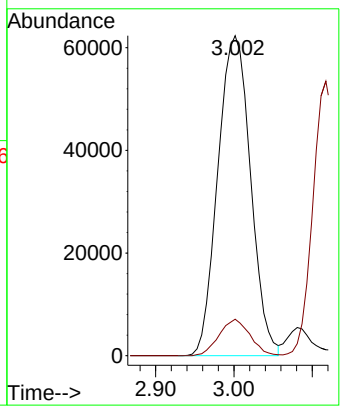


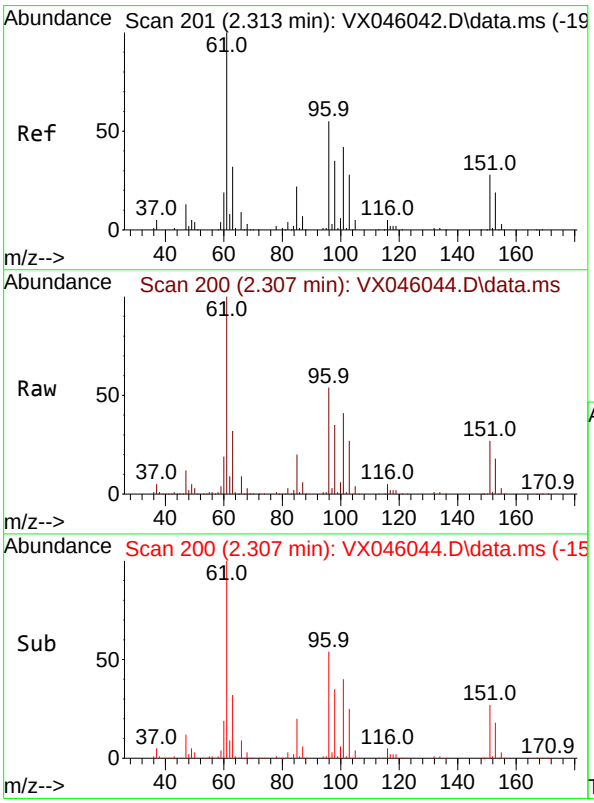
#11
Tert butyl alcohol
Concen: 616.119 ug/l
RT: 3.002 min Scan# 3
Delta R.T. 0.024 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 181238

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

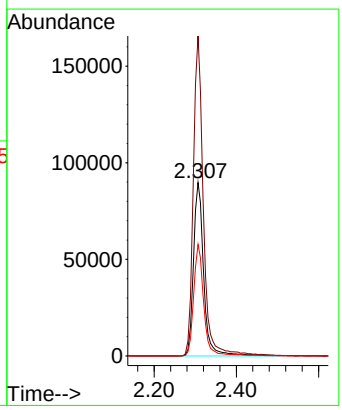


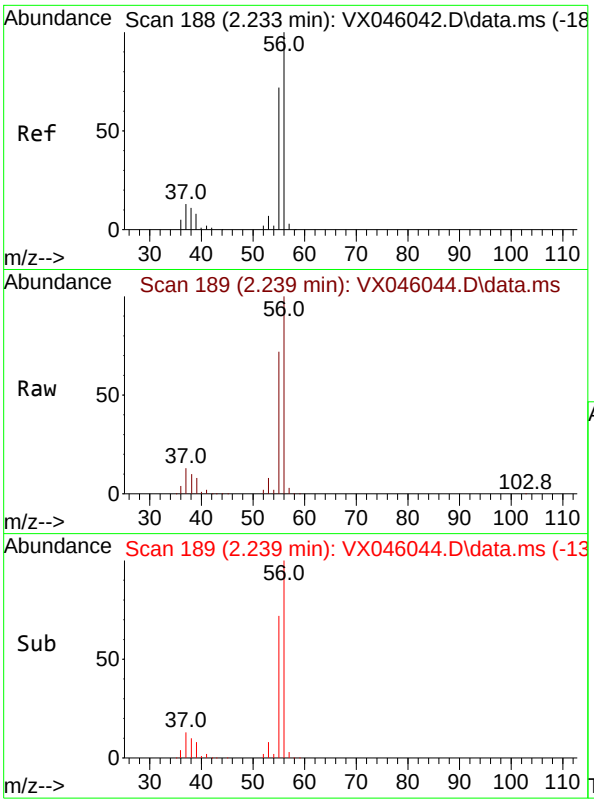


#12
1,1-Dichloroethene
Concen: 111.039 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 96 Resp: 155451

Ion	Ratio	Lower	Upper
96	100		
61	184.5	146.2	219.2
98	64.3	51.0	76.6



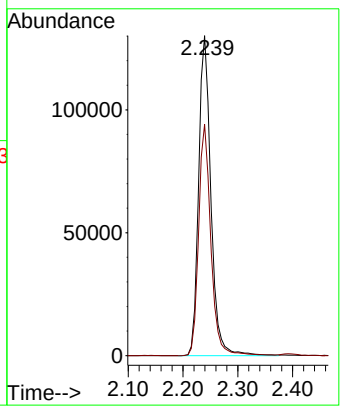


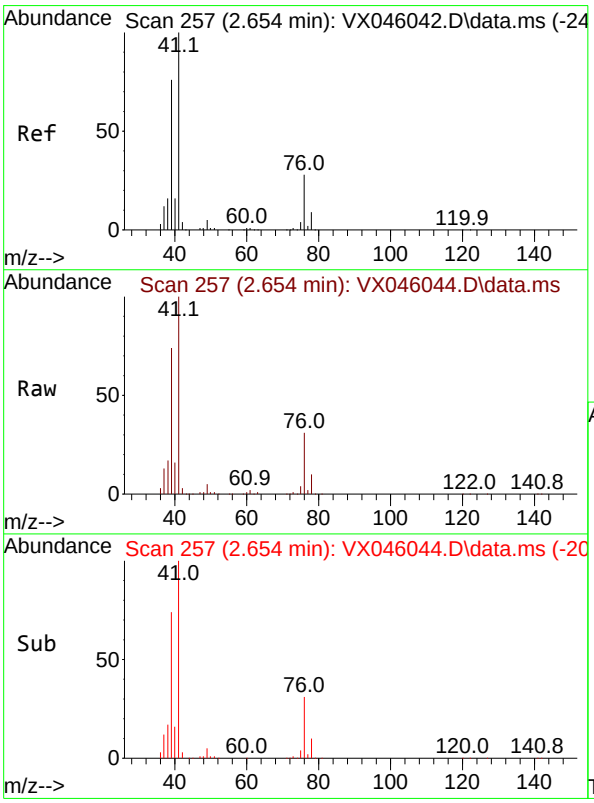
#13
Acrolein
Concen: 594.872 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 203257

Ion	Ratio	Lower	Upper
56	100		
55	72.1	56.2	84.4

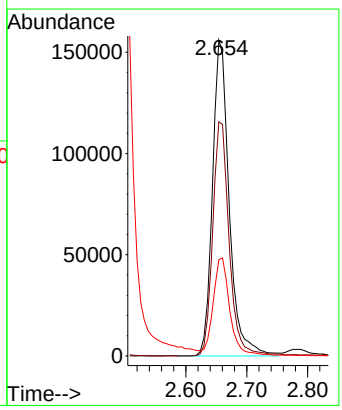


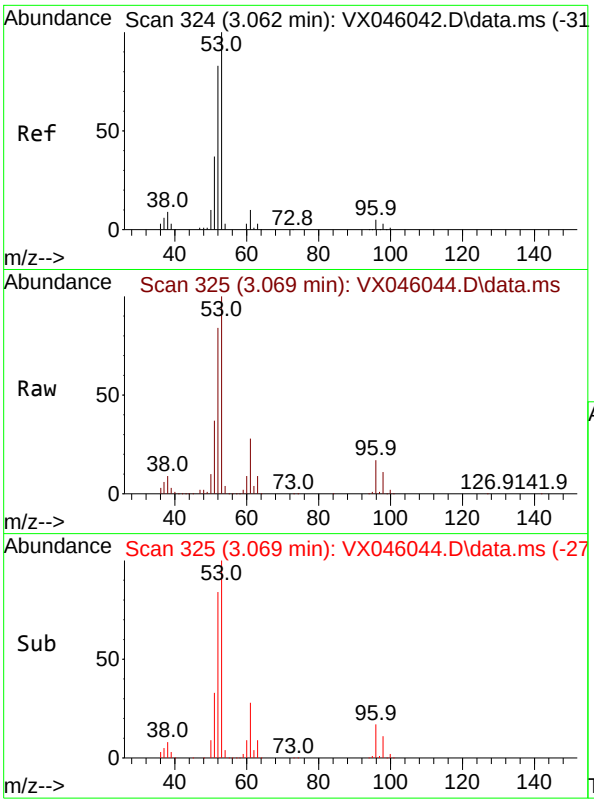


#14
Allyl chloride
Concen: 112.561 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 41 Resp: 297776

Ion	Ratio	Lower	Upper
41	100		
39	73.7	60.6	90.8
76	31.8	24.9	37.3



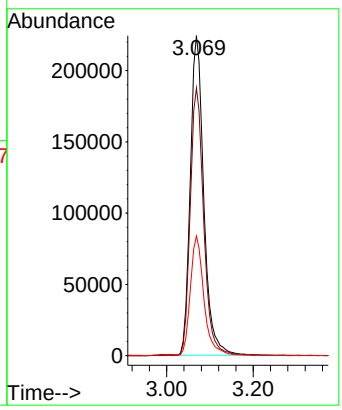


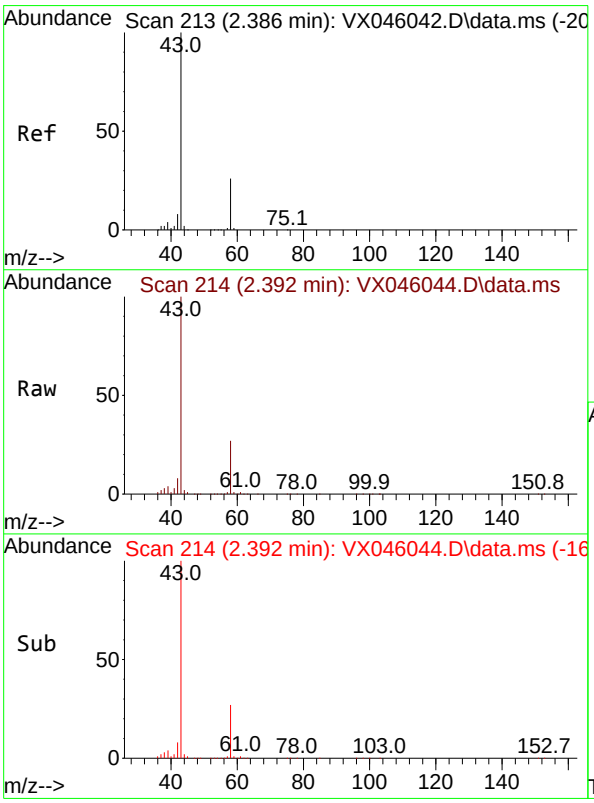
#15
Acrylonitrile
Concen: 550.973 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 484854

Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.3	97.9
51	37.5	29.8	44.8

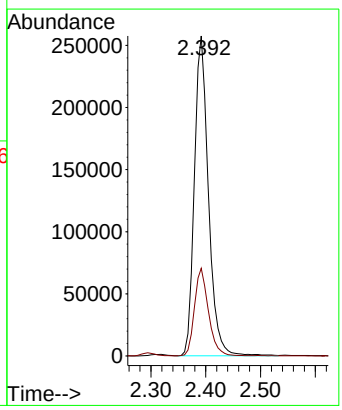


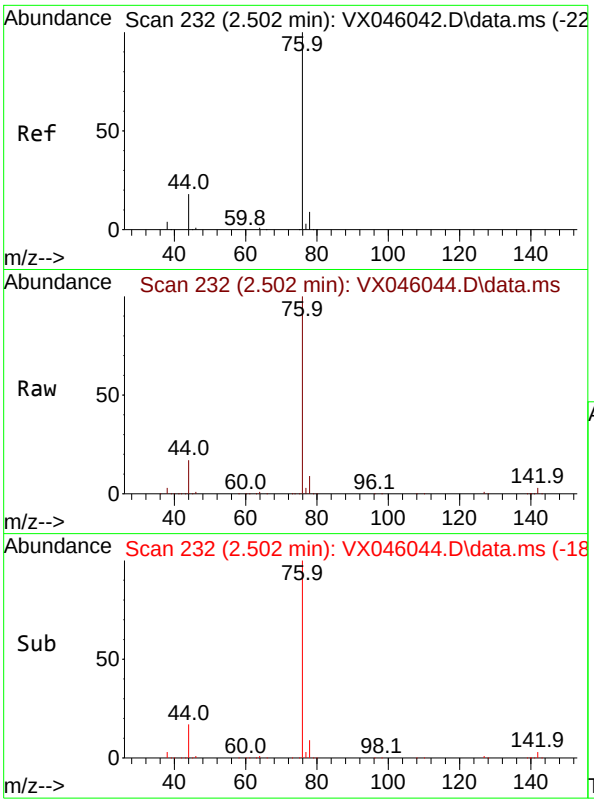


#16
Acetone
Concen: 545.754 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 460820

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.2	31.8



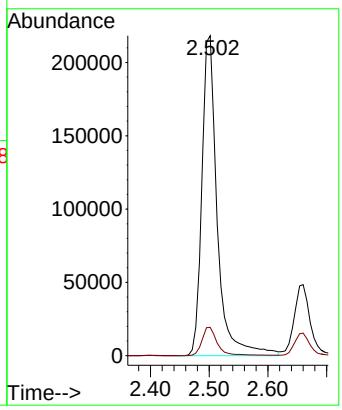


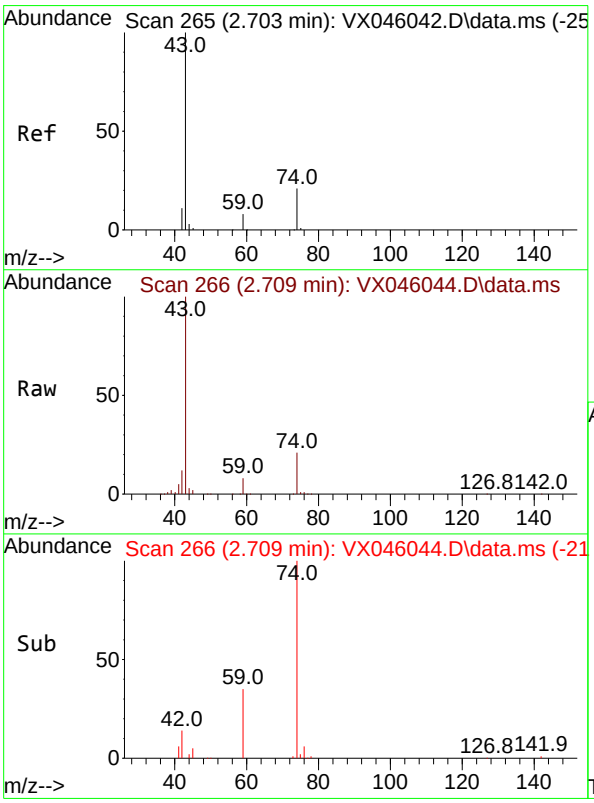
#17
Carbon Disulfide
Concen: 122.499 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 397353

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

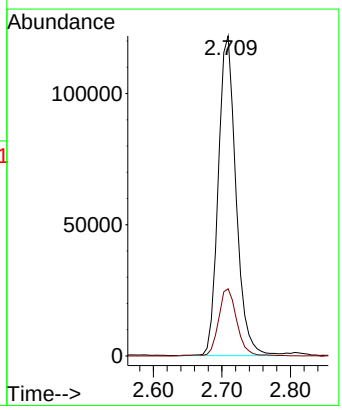


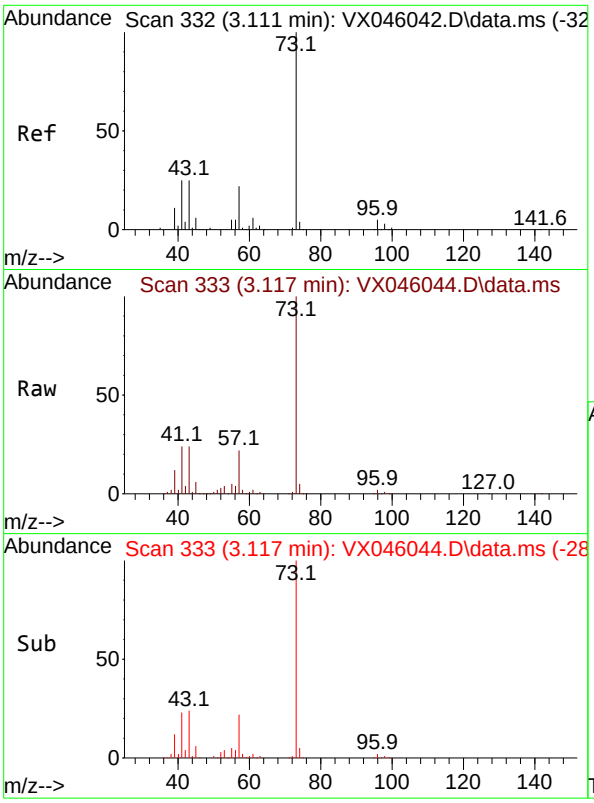


#18
Methyl Acetate
Concen: 108.099 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 217885

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1



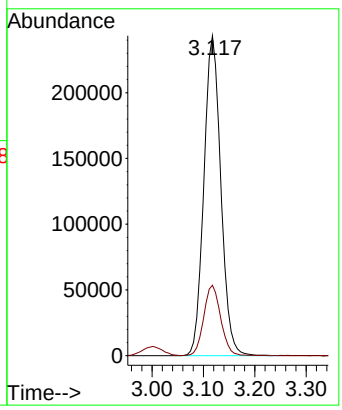


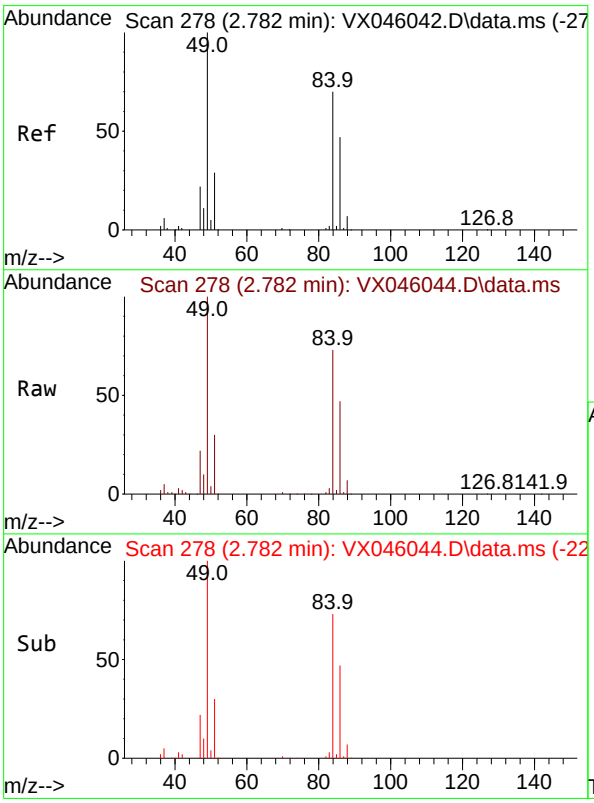
#19
Methyl tert-butyl Ether
Concen: 114.112 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 557210

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5

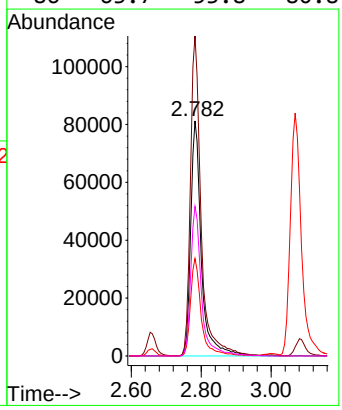


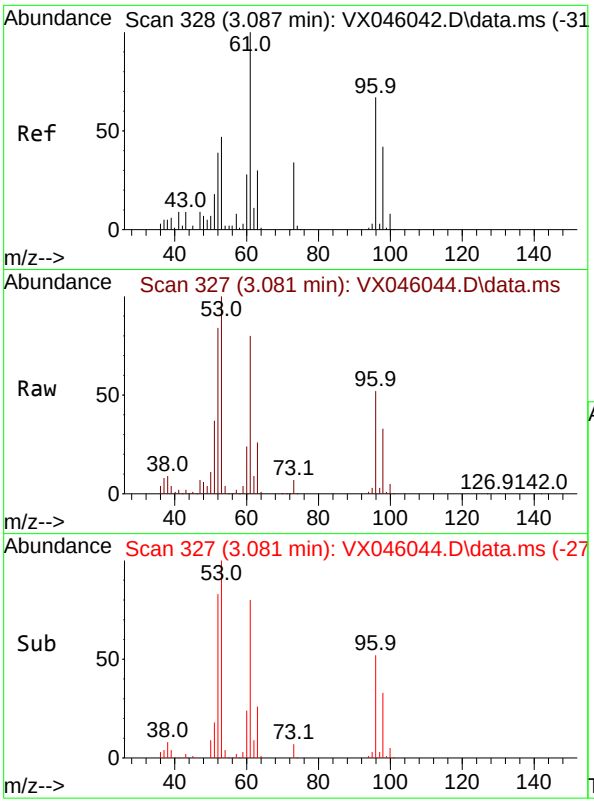


#20
Methylene Chloride
Concen: 100.579 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 84 Resp: 172035

Ion	Ratio	Lower	Upper
84	100		
49	136.0	113.9	170.9
51	41.5	33.5	50.3
86	63.7	53.8	80.8



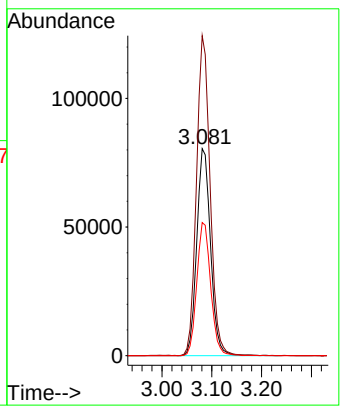


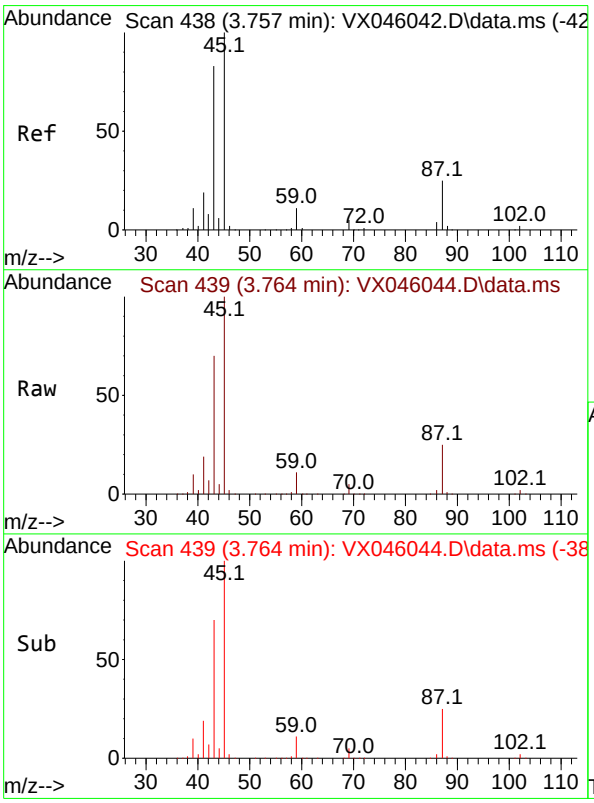
#21
trans-1,2-Dichloroethene
Concen: 108.241 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 154694

Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.5	179.3
98	64.3	50.0	75.0

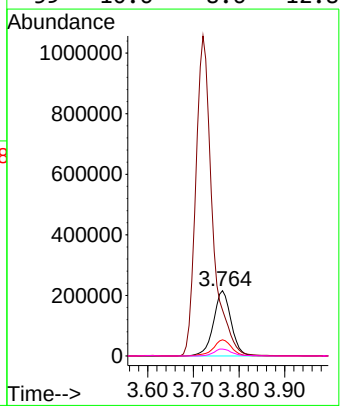


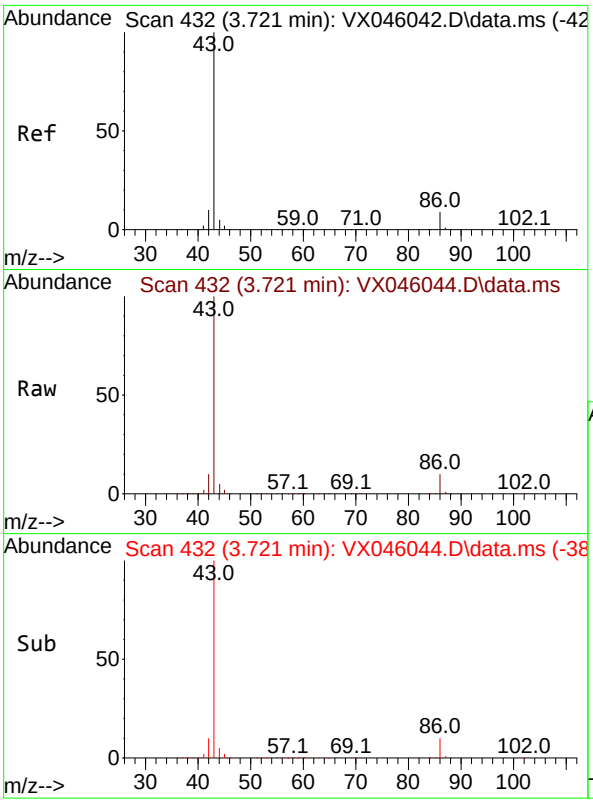


#22
Diisopropyl ether
Concen: 116.858 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 45 Resp: 577610

Ion	Ratio	Lower	Upper
45	100		
43	70.3	66.6	100.0
87	24.7	19.8	29.6
59	10.6	8.6	12.8



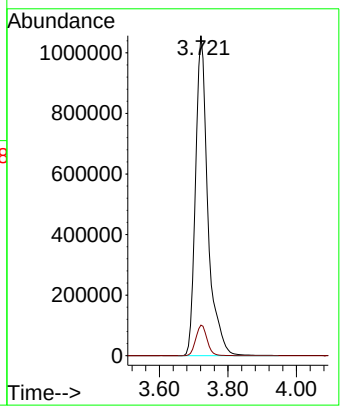


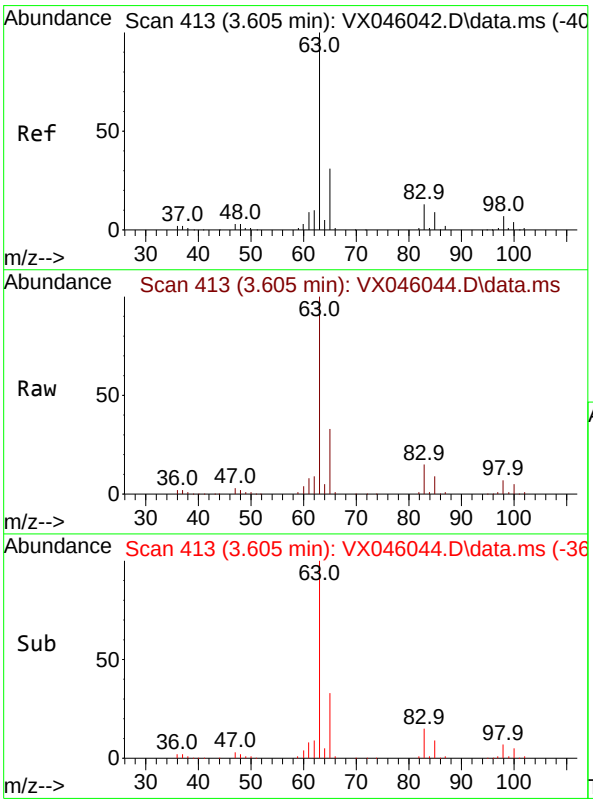
#23
Vinyl Acetate
Concen: 608.005 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2655751

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3

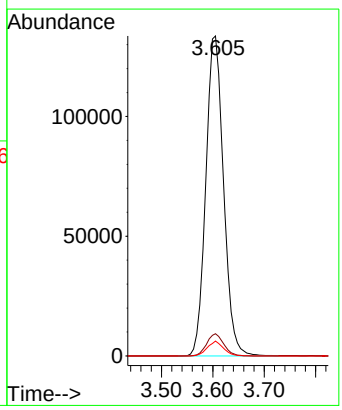


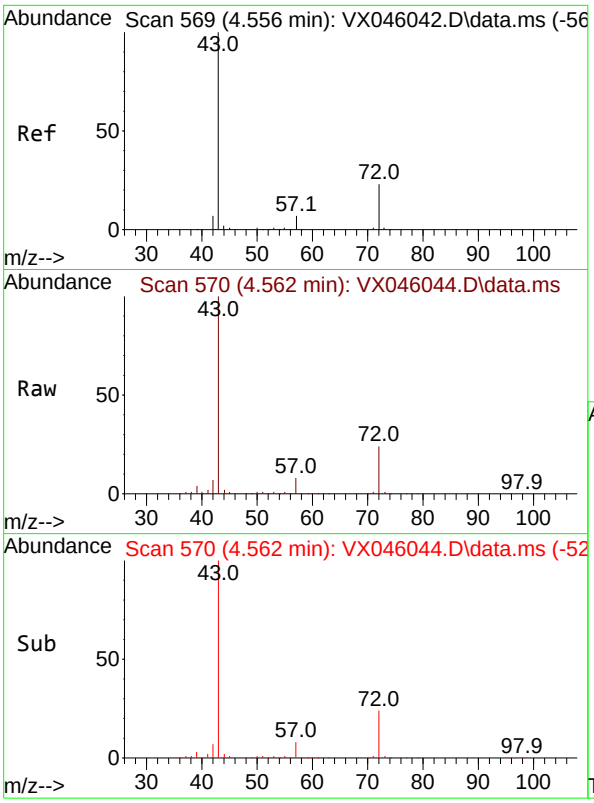


#24
1,1-Dichloroethane
Concen: 110.182 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 320083

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.7	2.1	6.3



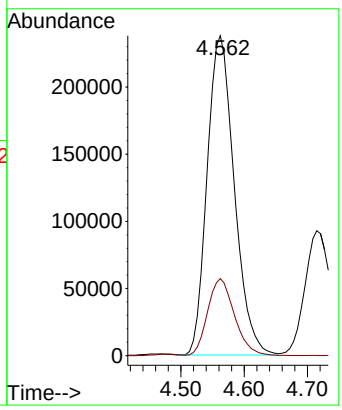


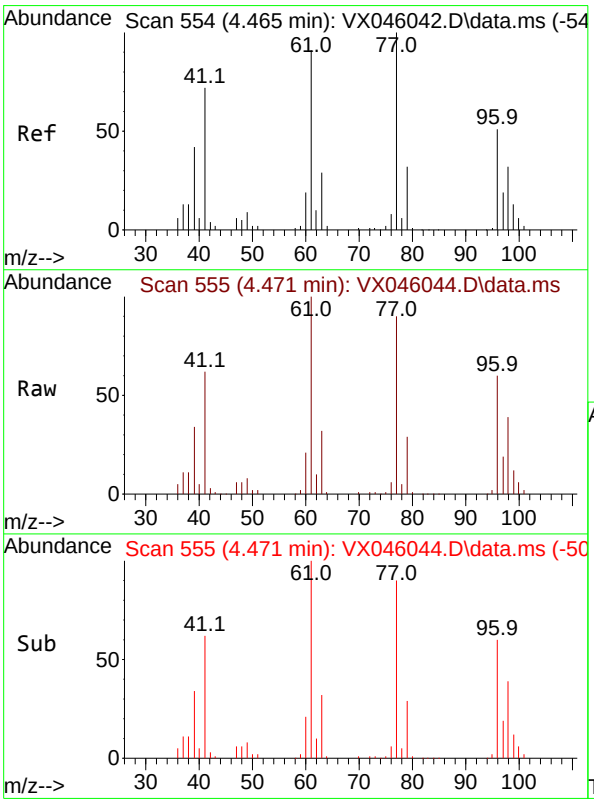
#25
2-Butanone
Concen: 581.292 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 708463

Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.4	27.6

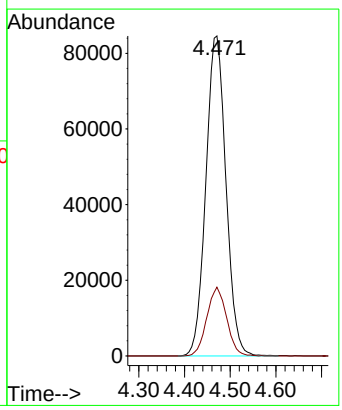


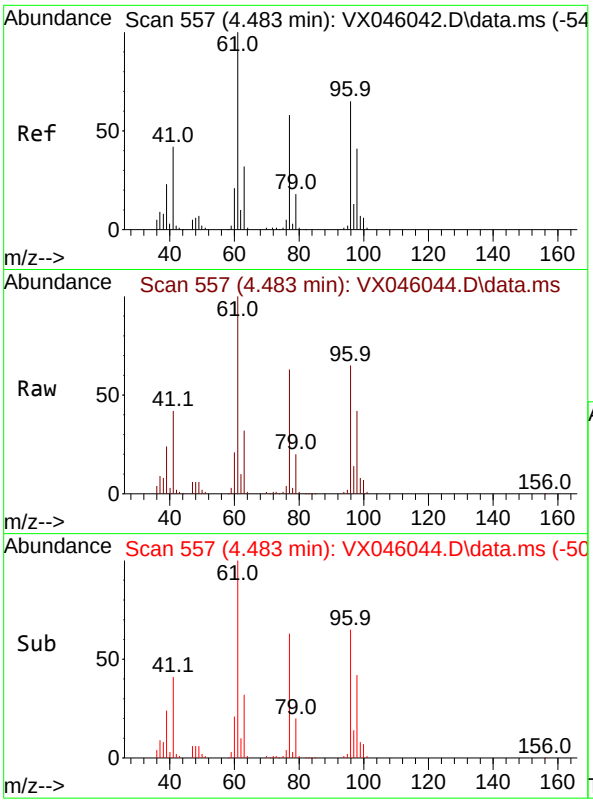


#26
2,2-Dichloropropane
Concen: 117.548 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 77 Resp: 258698

Ion	Ratio	Lower	Upper
77	100		
97	21.1	10.5	31.5



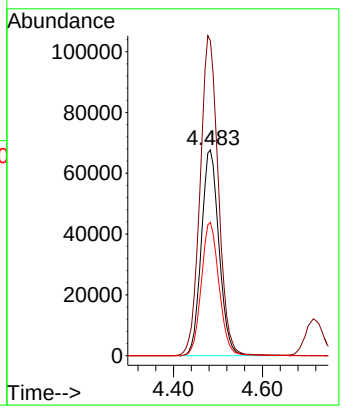


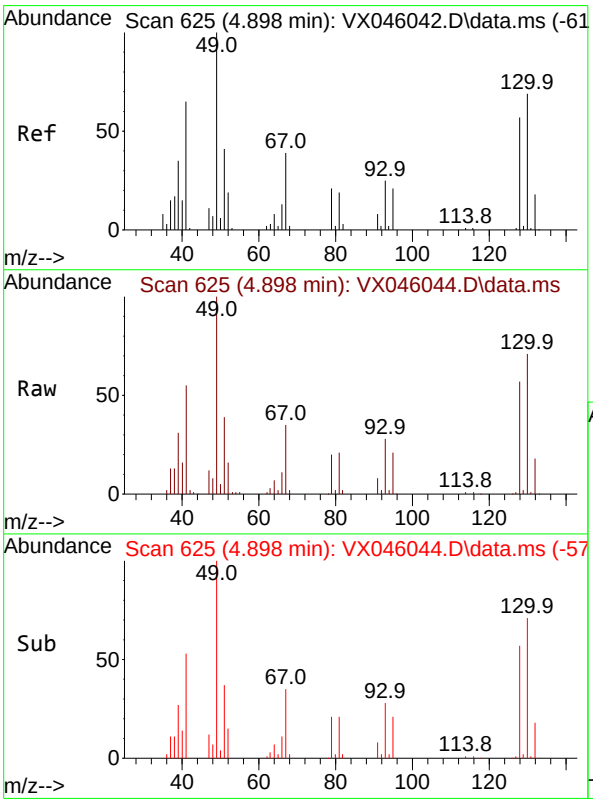
#27
cis-1,2-Dichloroethene
Concen: 108.994 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 187835

Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	322.8
98	64.8	0.0	129.0

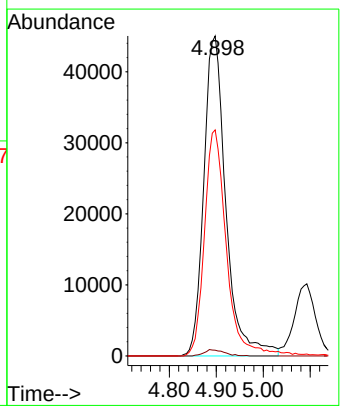


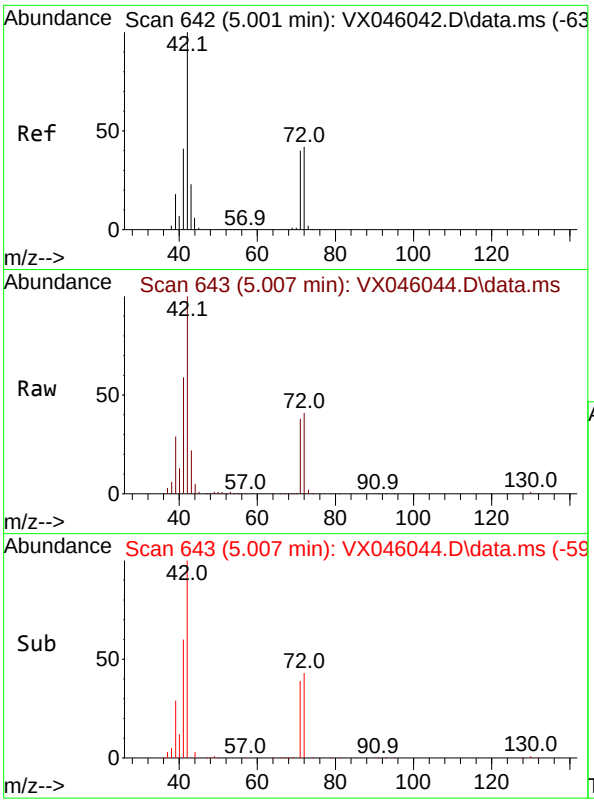


#28
Bromochloromethane
Concen: 95.108 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 49 Resp: 146923

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.5	56.2	84.2



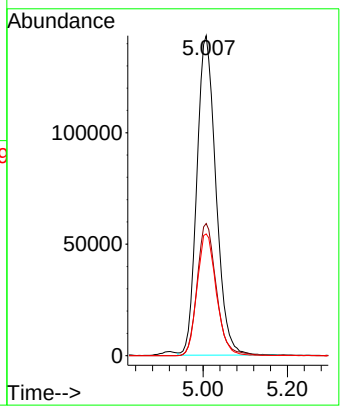


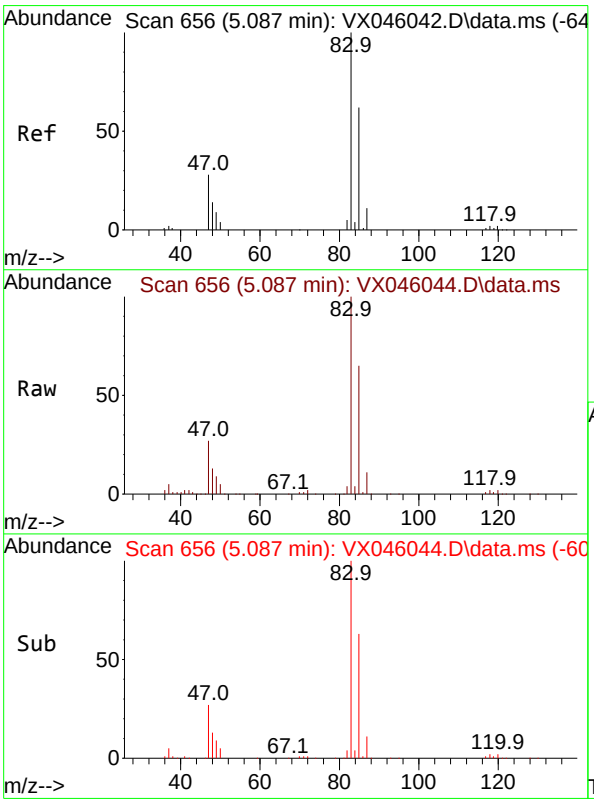
#29
Tetrahydrofuran
Concen: 569.081 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 450456

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.7	31.4	47.2

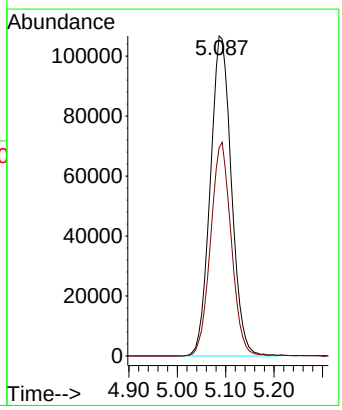


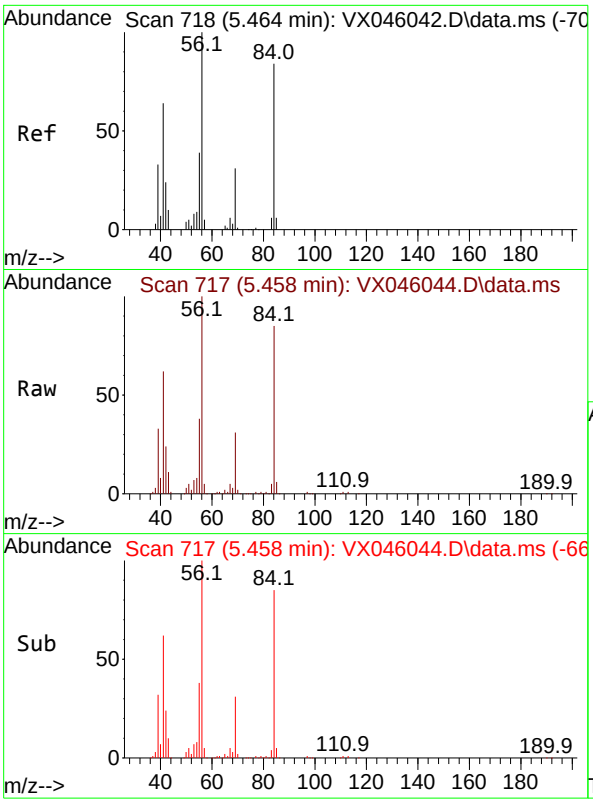


#30
Chloroform
Concen: 107.208 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 323659

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9



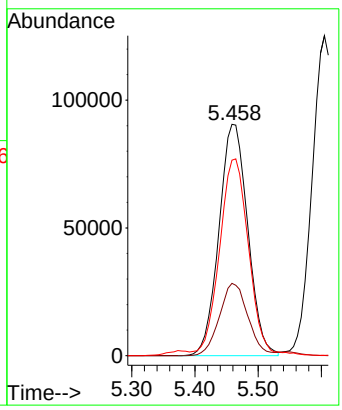


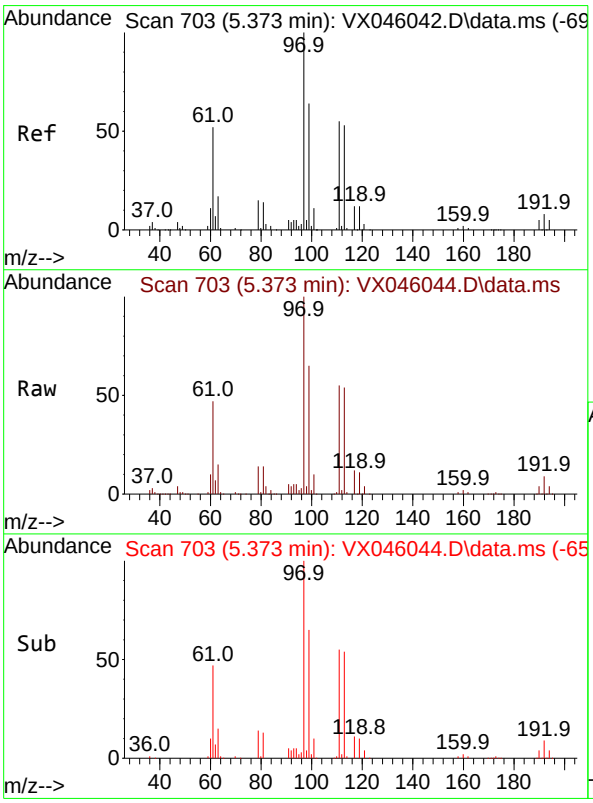
#31
Cyclohexane
Concen: 116.934 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 286312

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	82.8	66.9	100.3

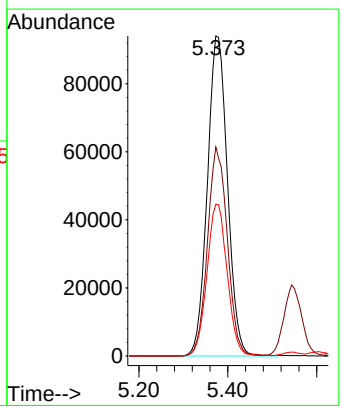


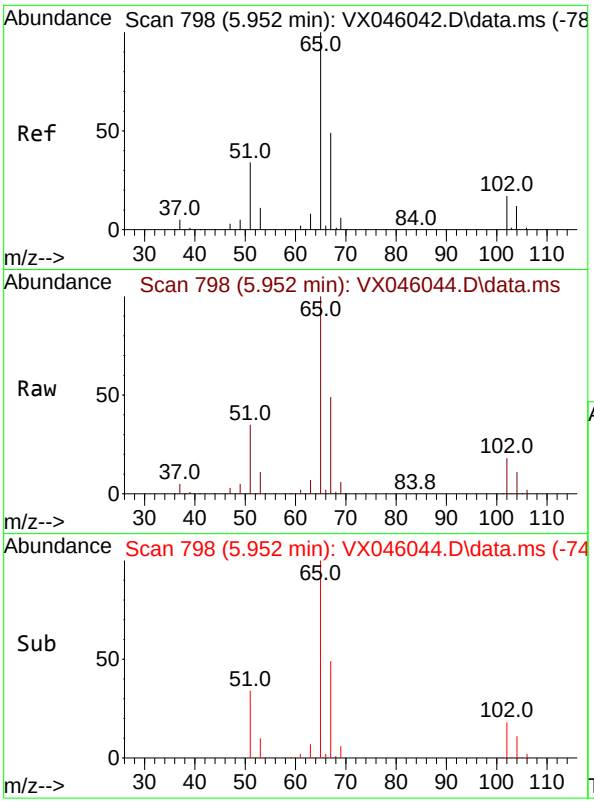


#32
1,1,1-Trichloroethane
Concen: 113.572 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 97 Resp: 295702

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	48.0	40.1	60.1



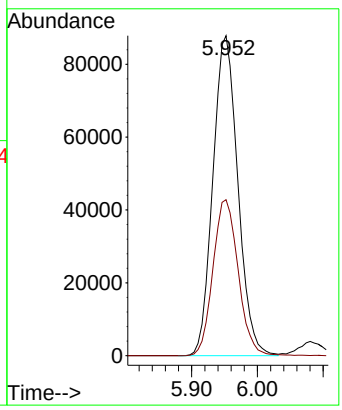


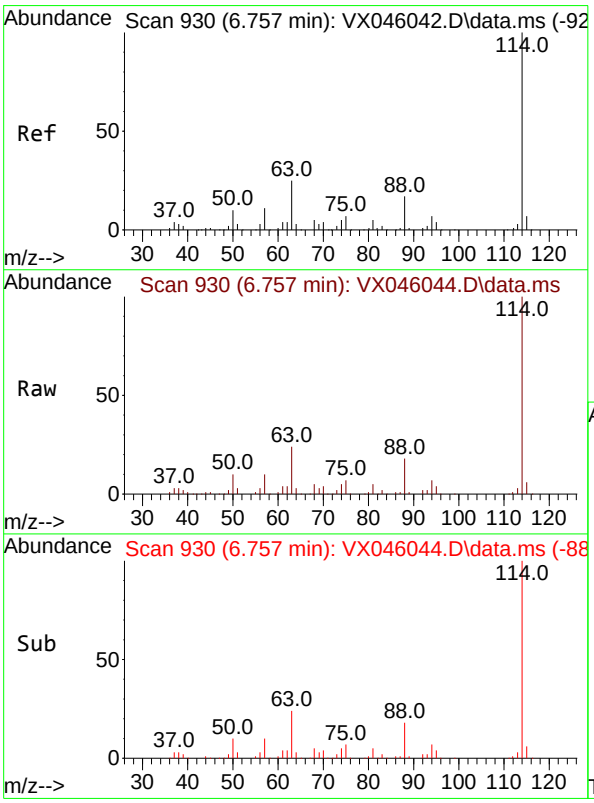
#33
1,2-Dichloroethane-d4
Concen: 93.983 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 231952

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0

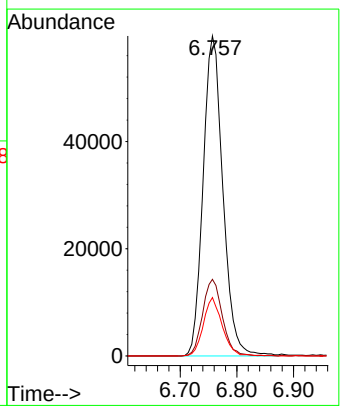


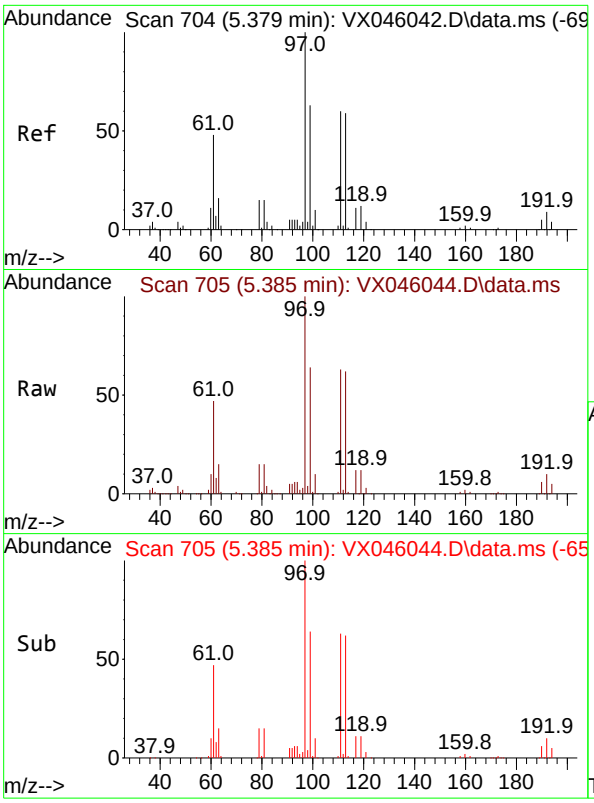


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:114 Resp: 144975

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	18.3	0.0	33.6



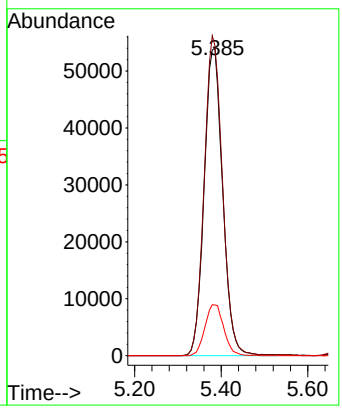


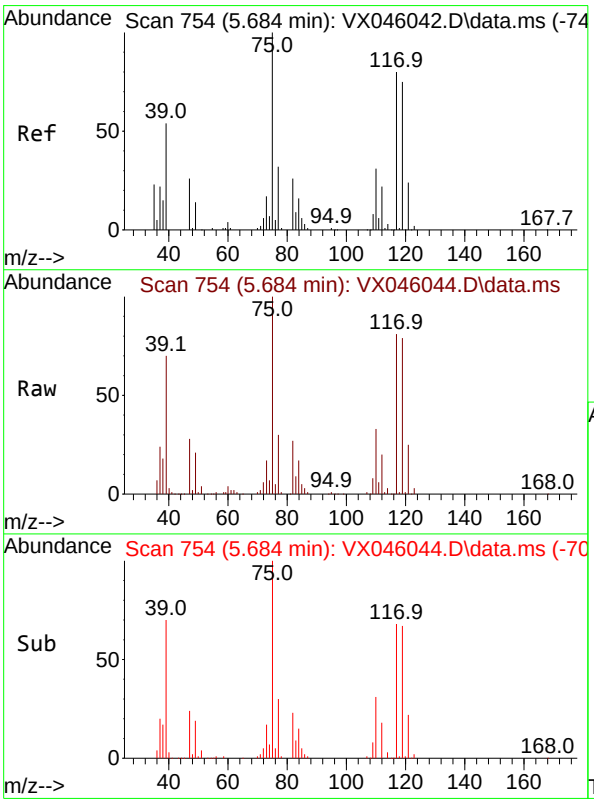
#35
Dibromofluoromethane
Concen: 98.562 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 160168

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	16.9	13.3	19.9

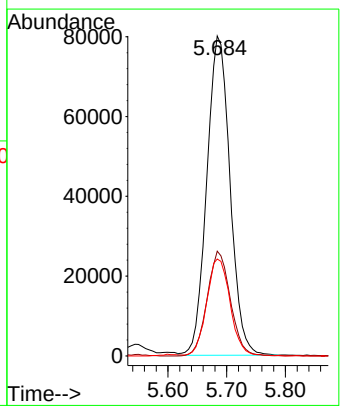


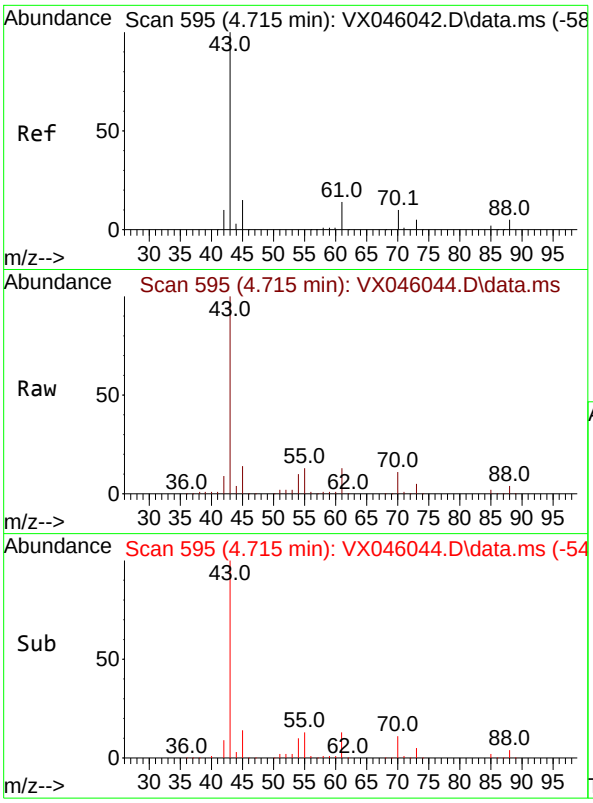


#36
1,1-Dichloropropene
Concen: 116.462 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 219731

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	30.8	24.3	36.5



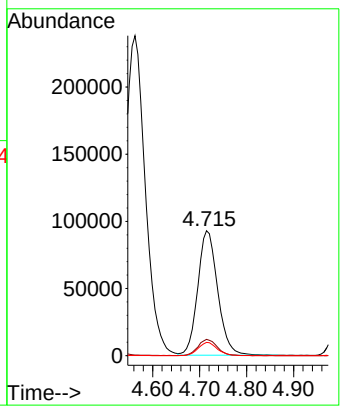


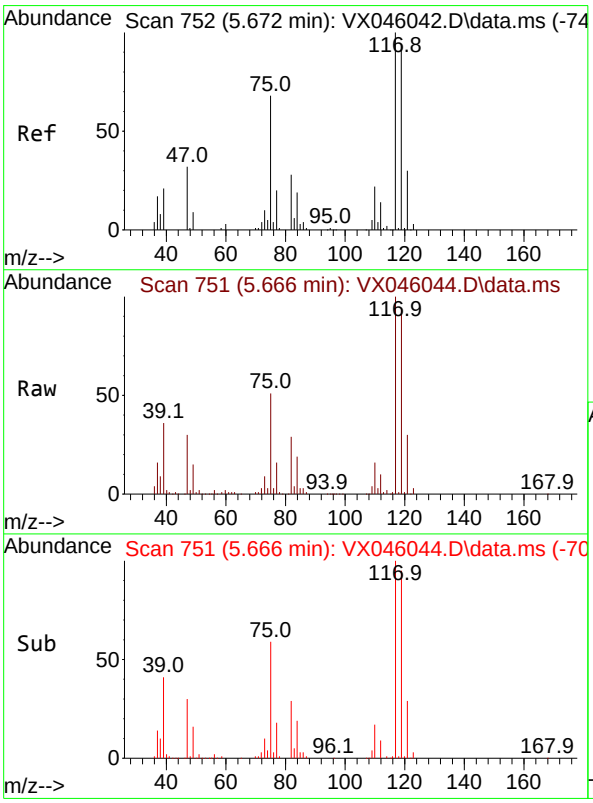
#37
Ethyl Acetate
Concen: 115.889 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 274312

Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	10.2	7.9	11.9

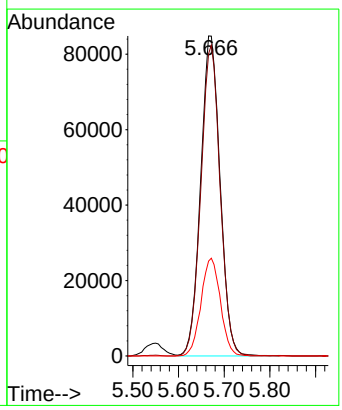


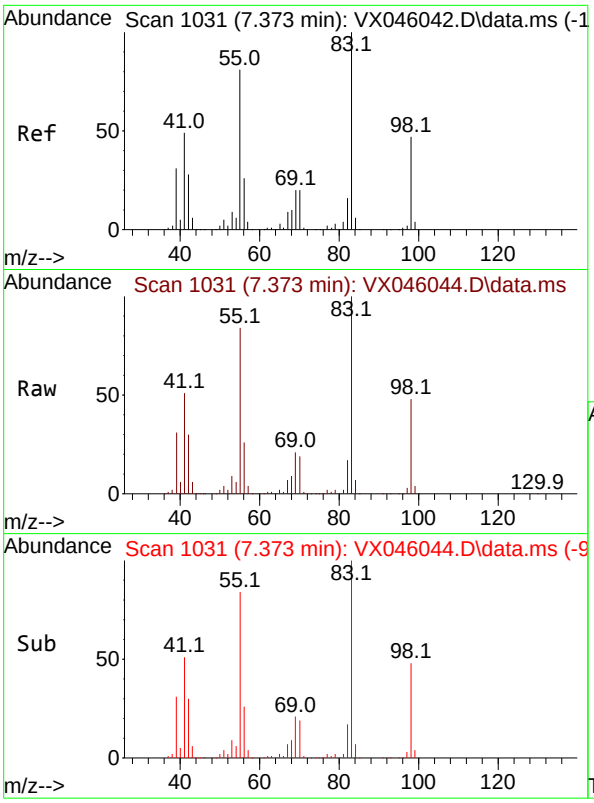


#38
Carbon Tetrachloride
Concen: 115.760 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 250916

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.2	112.8
121	29.7	24.2	36.4



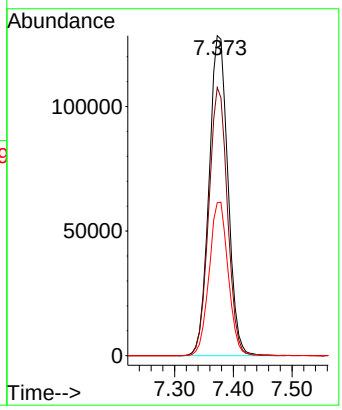


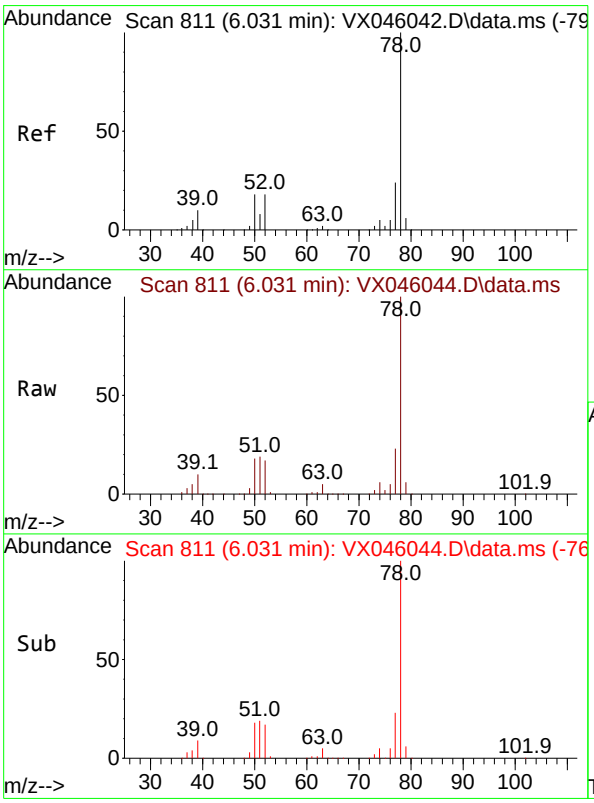
#39
Methylcyclohexane
Concen: 121.107 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 286311

Ion	Ratio	Lower	Upper
83	100		
55	83.8	64.7	97.1
98	47.8	37.4	56.2

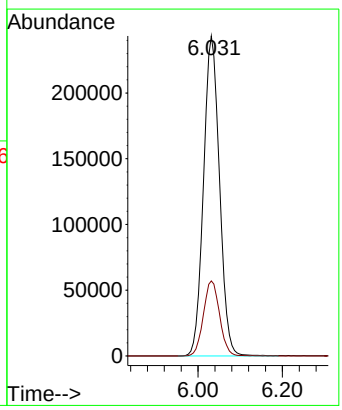


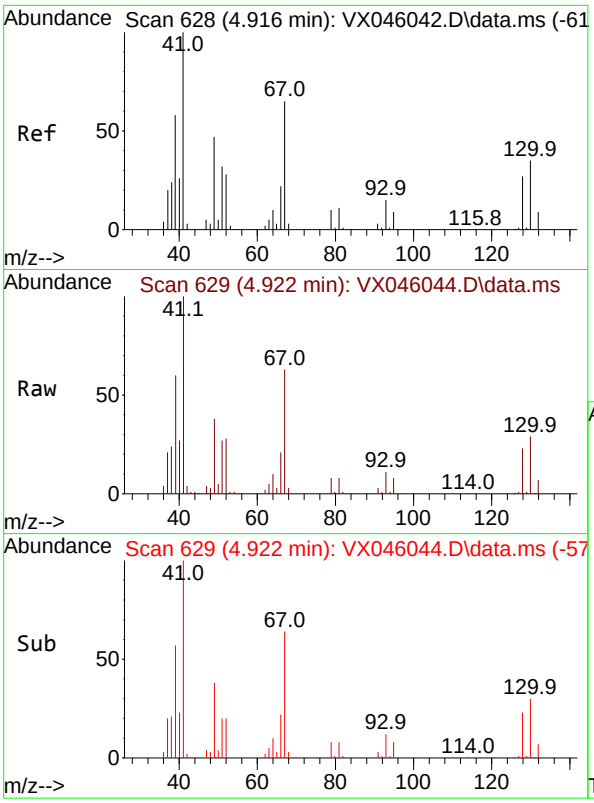


#40
Benzene
Concen: 109.813 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 78 Resp: 642178

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4



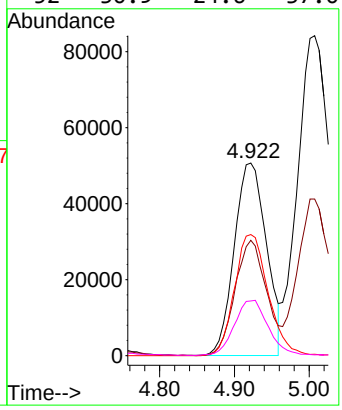


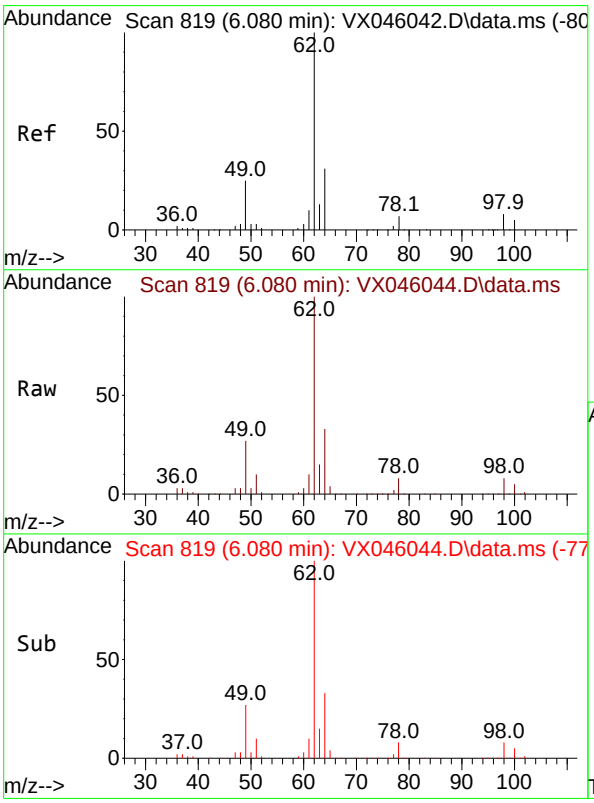
#41
Methacrylonitrile
Concen: 115.139 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 151424

Ion	Ratio	Lower	Upper
41	100		
39	60.0	47.2	70.8
67	65.9	50.7	76.1
52	30.9	24.6	37.0

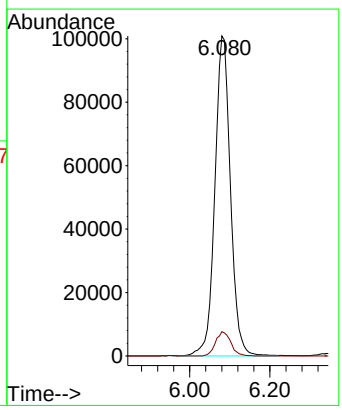


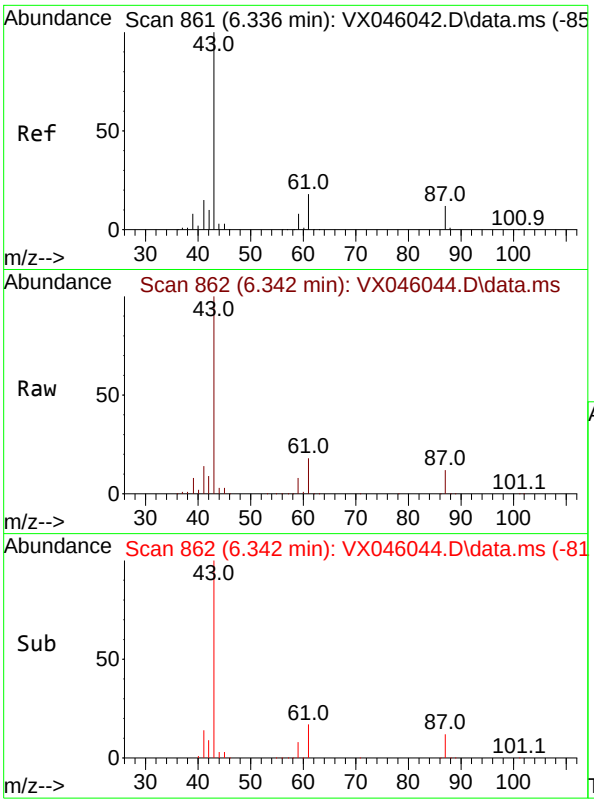


#42
1,2-Dichloroethane
Concen: 112.492 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 62 Resp: 271992

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2



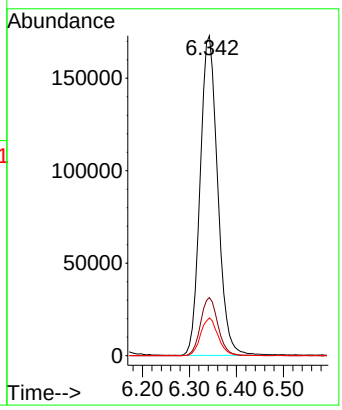


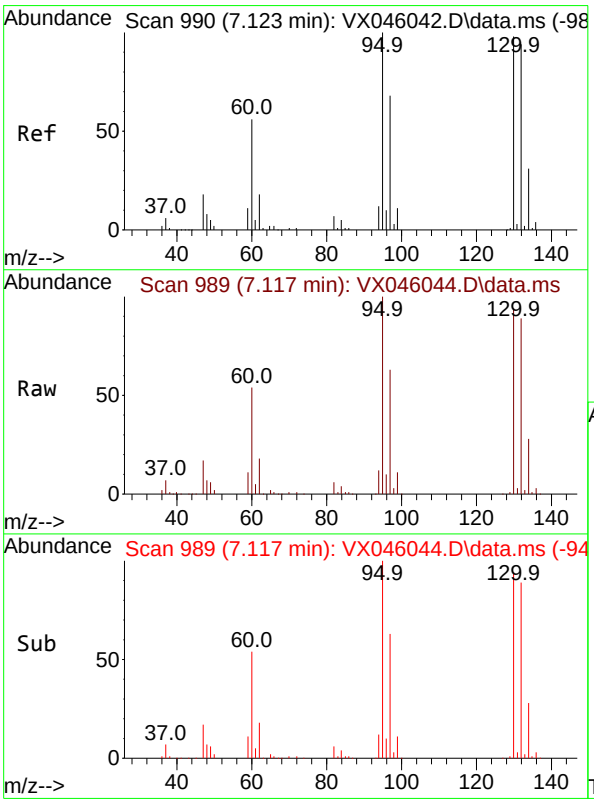
#43
Isopropyl Acetate
Concen: 123.780 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 447871

Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.3	21.5
87	11.7	9.5	14.3

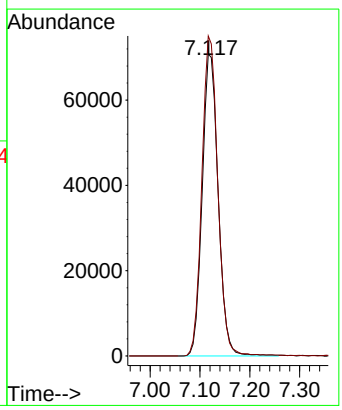


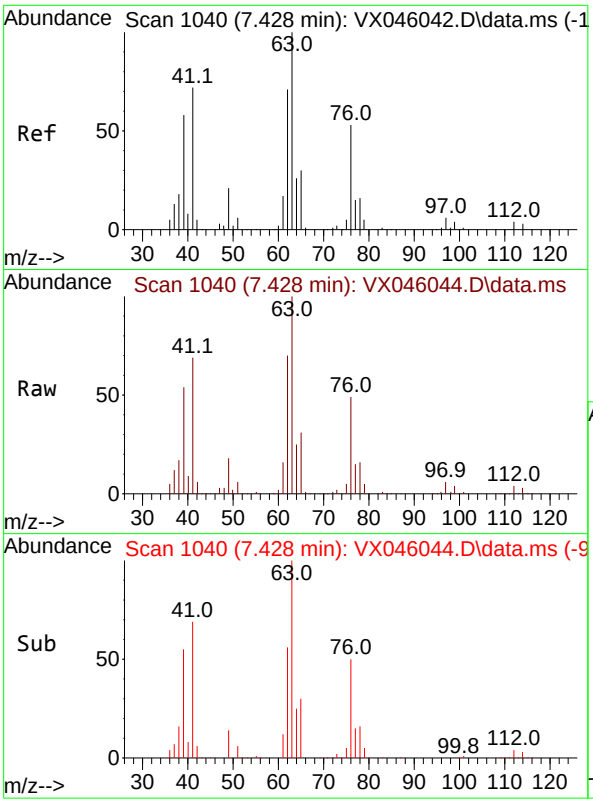


#44
Trichloroethene
Concen: 114.032 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:130 Resp: 157641

Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	204.2



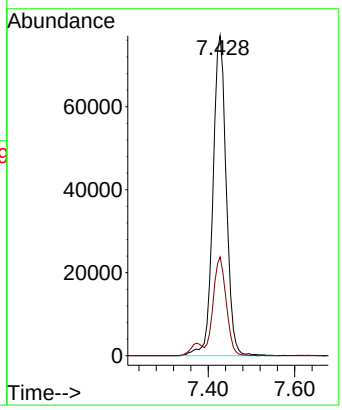


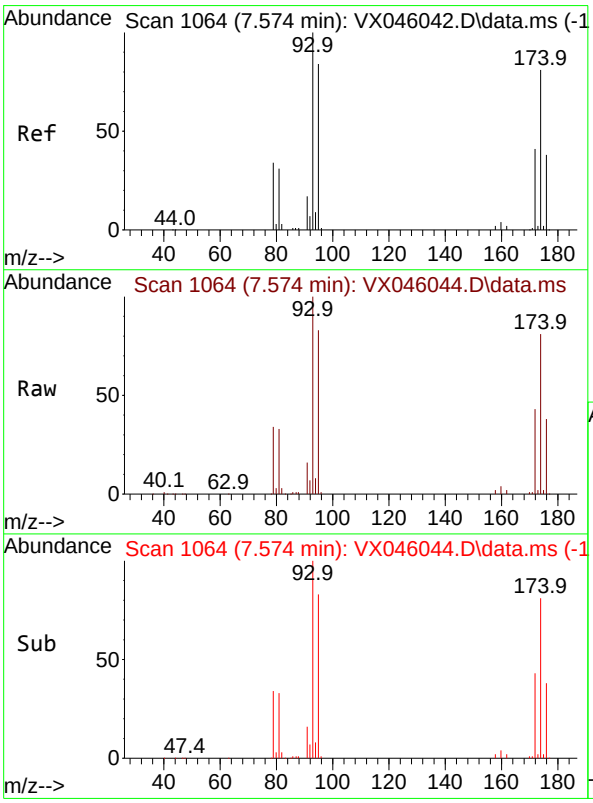
#45
1,2-Dichloropropane
Concen: 113.217 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 164505

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.1	36.1

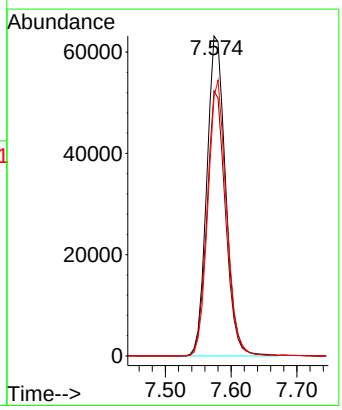


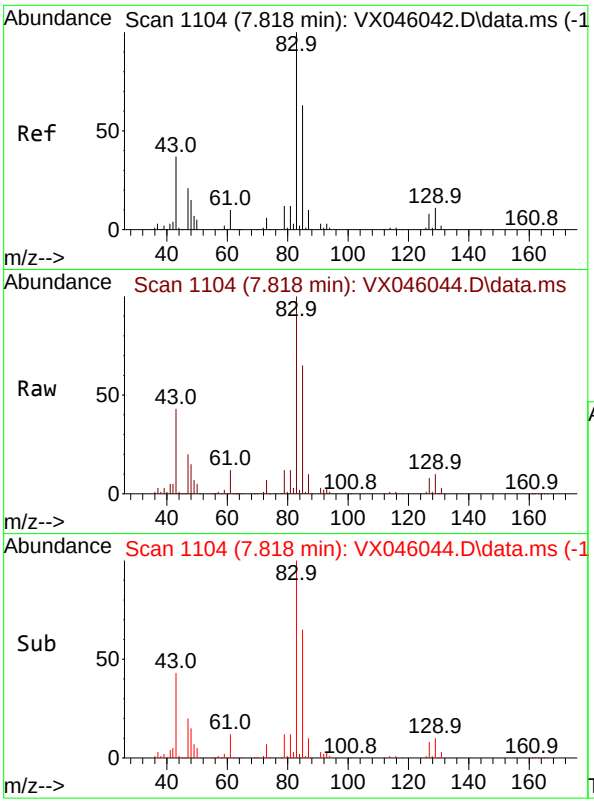


#46
Dibromomethane
Concen: 109.869 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 93 Resp: 125846

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.6	98.4
174	85.0	68.2	102.2



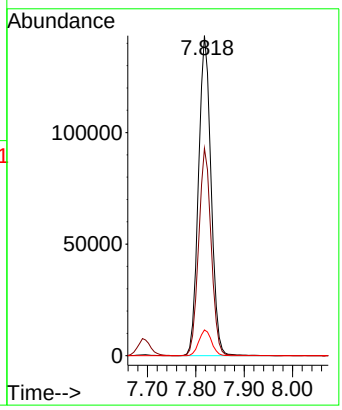


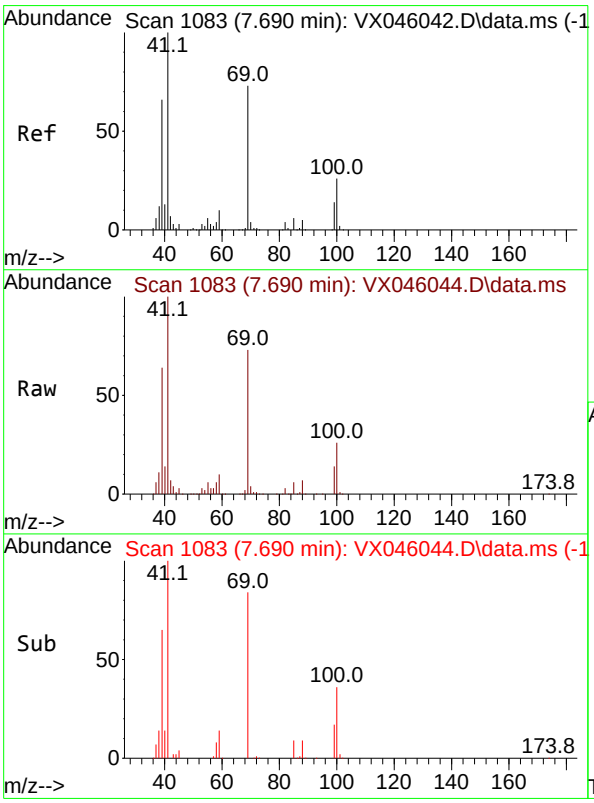
#47
Bromodichloromethane
Concen: 116.365 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 258326

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.5	75.7
127	8.0	6.5	9.7

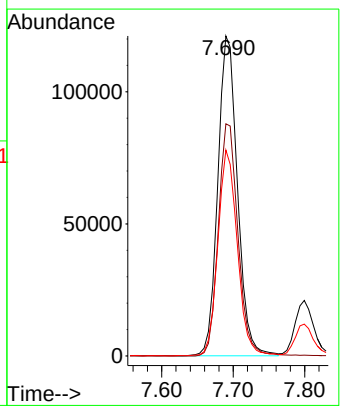


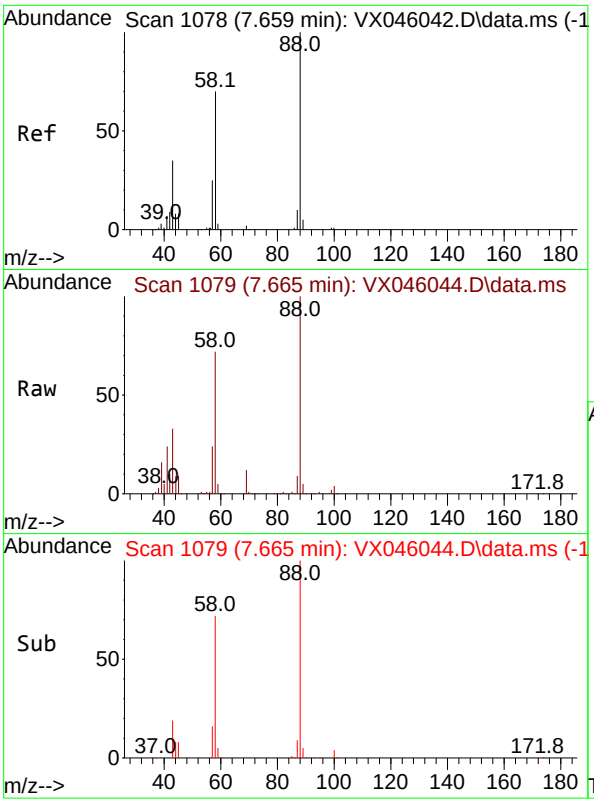


#48
Methyl methacrylate
Concen: 124.356 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 41 Resp: 231040

Ion	Ratio	Lower	Upper
41	100		
69	73.0	58.5	87.7
39	63.8	51.7	77.5



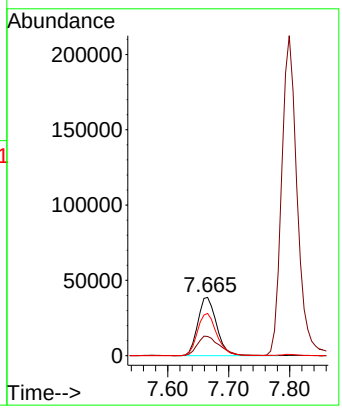


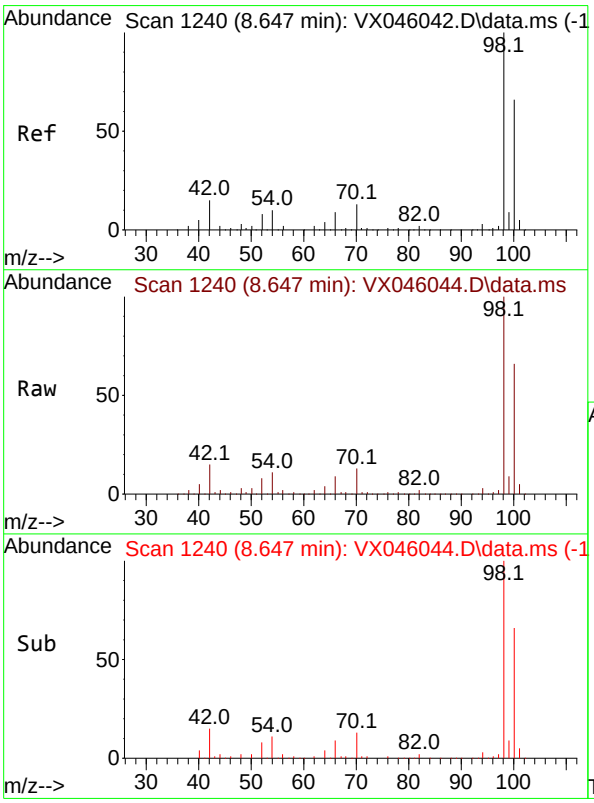
#49
1,4-Dioxane
Concen: 2241.695 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 82800

Ion	Ratio	Lower	Upper
88	100		
43	40.0	33.4	50.2
58	74.8	58.6	88.0

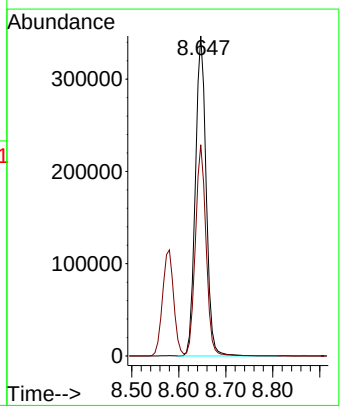


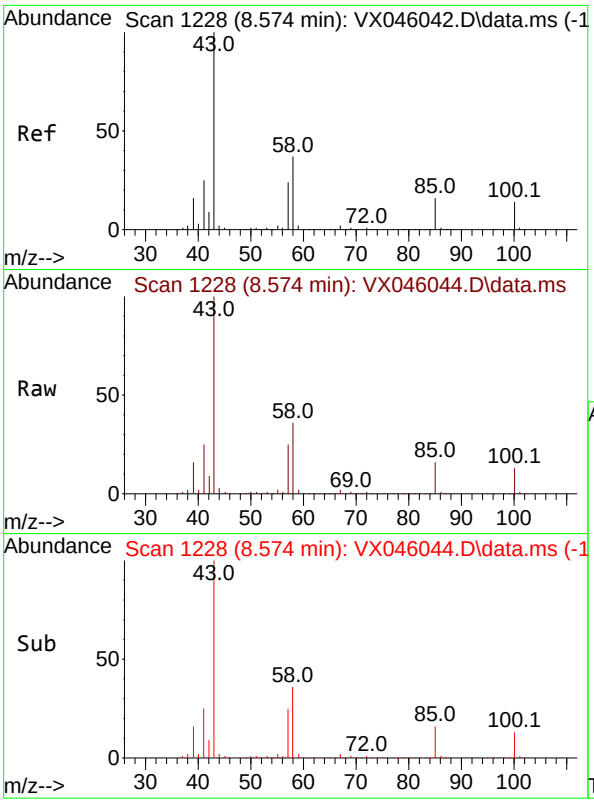


#50
Toluene-d8
Concen: 101.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 98 Resp: 554390

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3



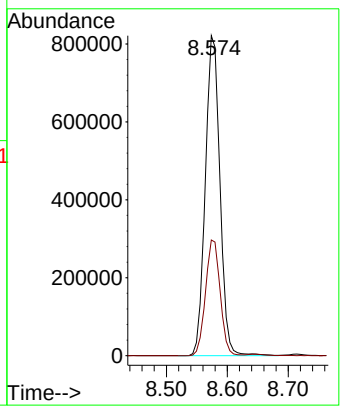


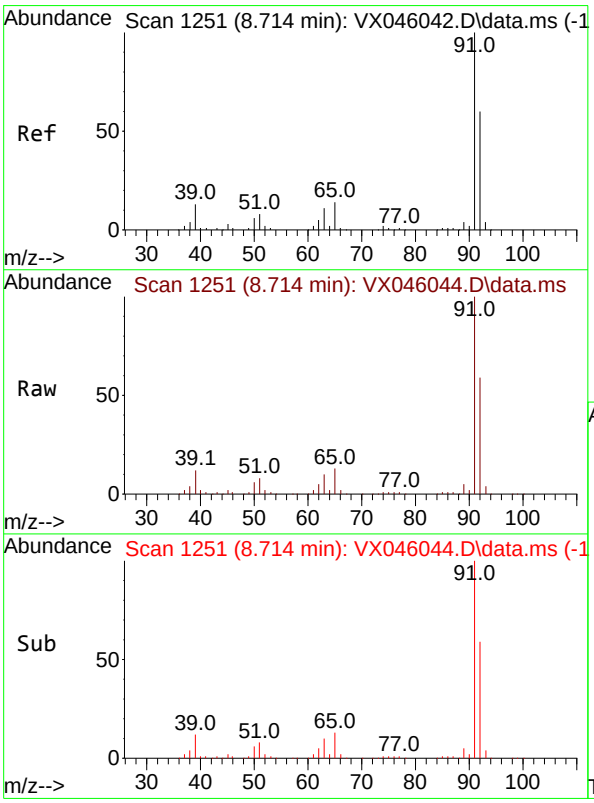
#51
4-Methyl-2-Pentanone
Concen: 577.831 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1371275

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.9	43.3

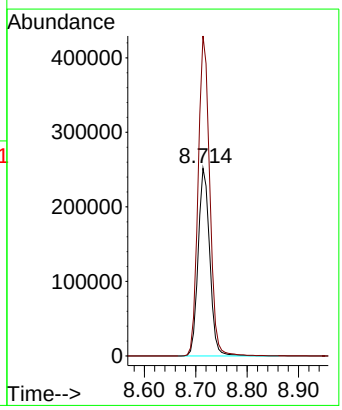


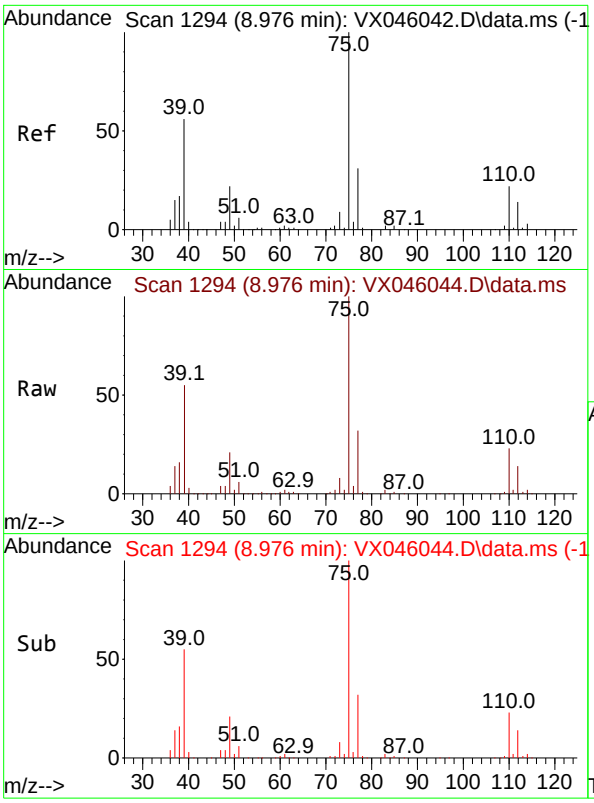


#52
Toluene
Concen: 113.430 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 92 Resp: 393323

Ion	Ratio	Lower	Upper
92	100		
91	171.0	136.6	205.0



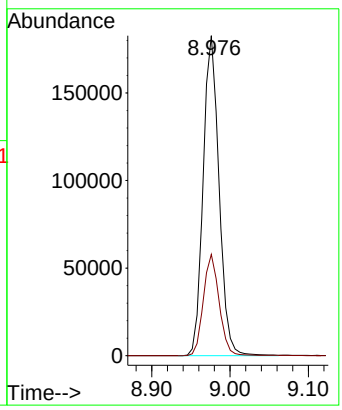


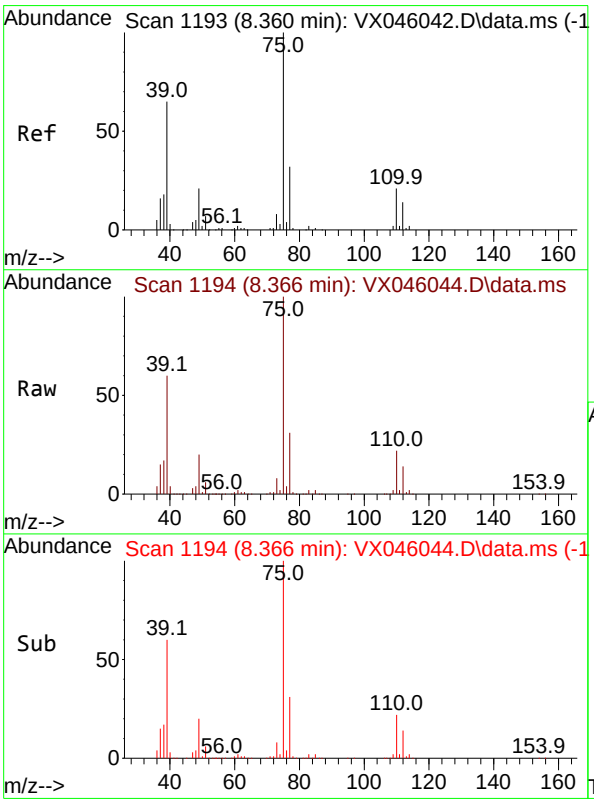
#53
t-1,3-Dichloropropene
Concen: 138.001 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 257233

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6

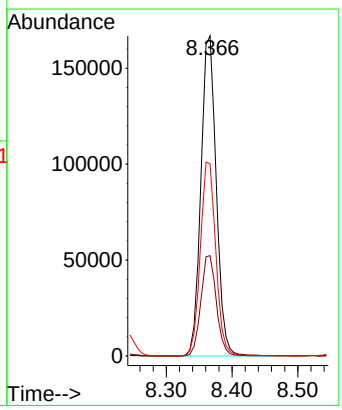


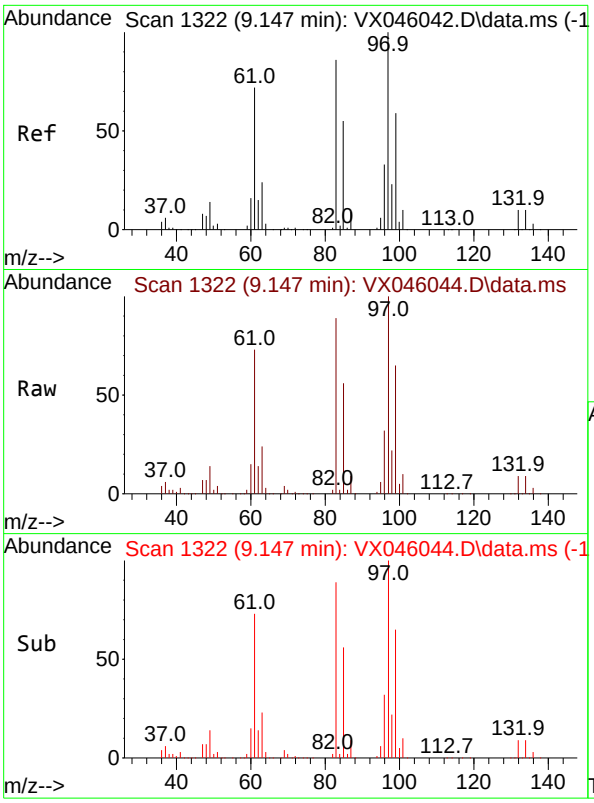


#54
cis-1,3-Dichloropropene
Concen: 124.658 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 271054

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	60.0	52.2	78.4



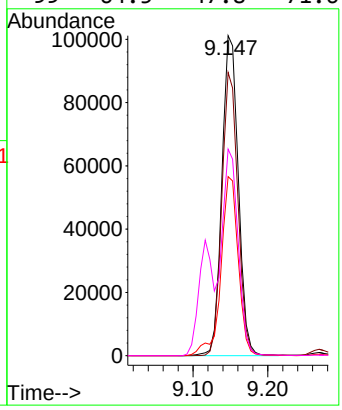


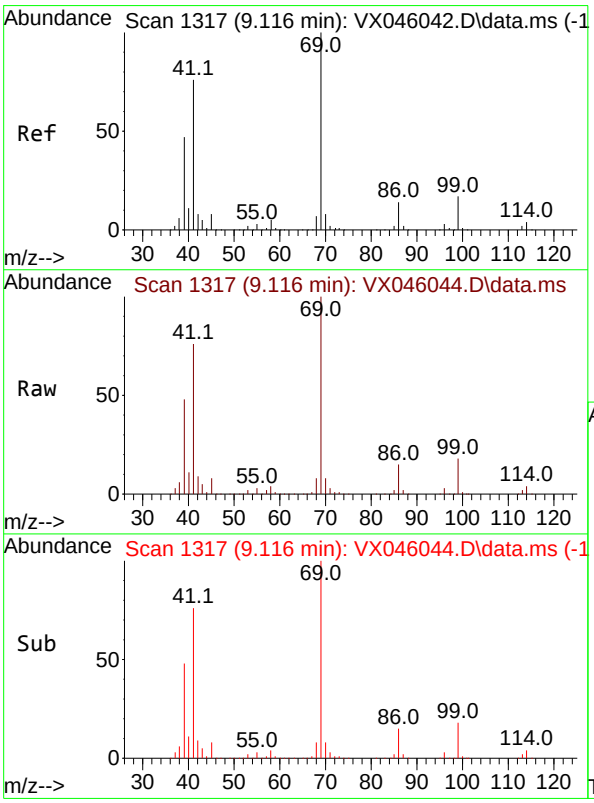
#55
1,1,2-Trichloroethane
Concen: 110.551 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 154932

Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	56.0	44.3	66.5
99	64.5	47.8	71.6

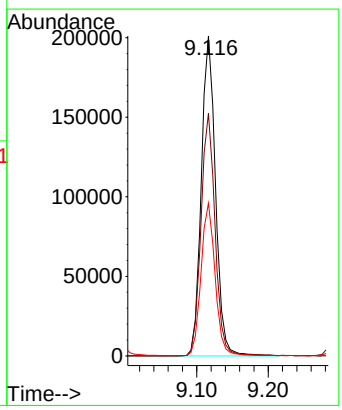


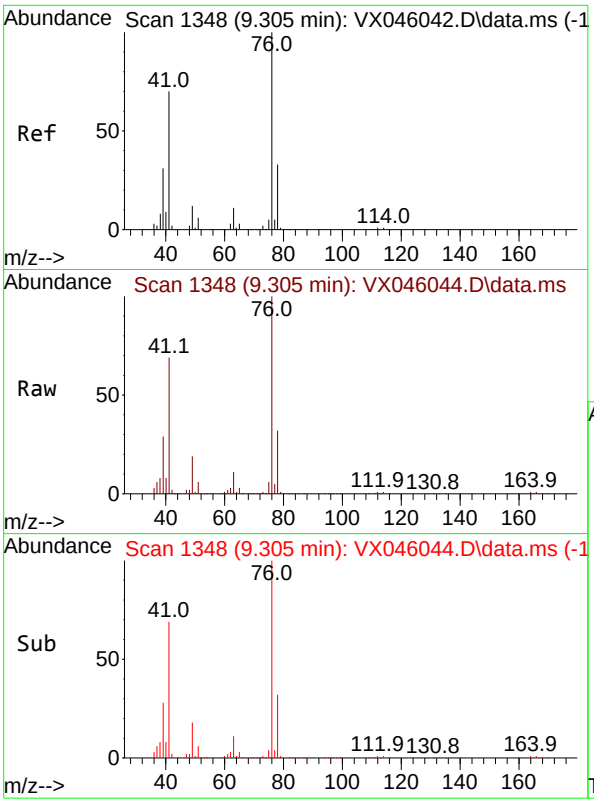


#56
Ethyl methacrylate
Concen: 127.968 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 69 Resp: 277921

Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.8	91.2
39	47.2	39.0	58.6



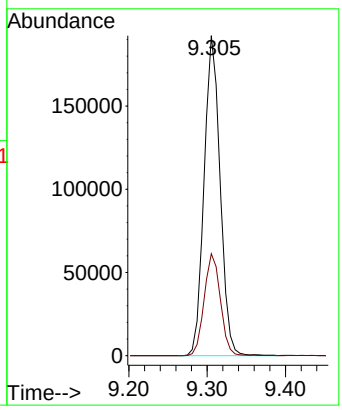


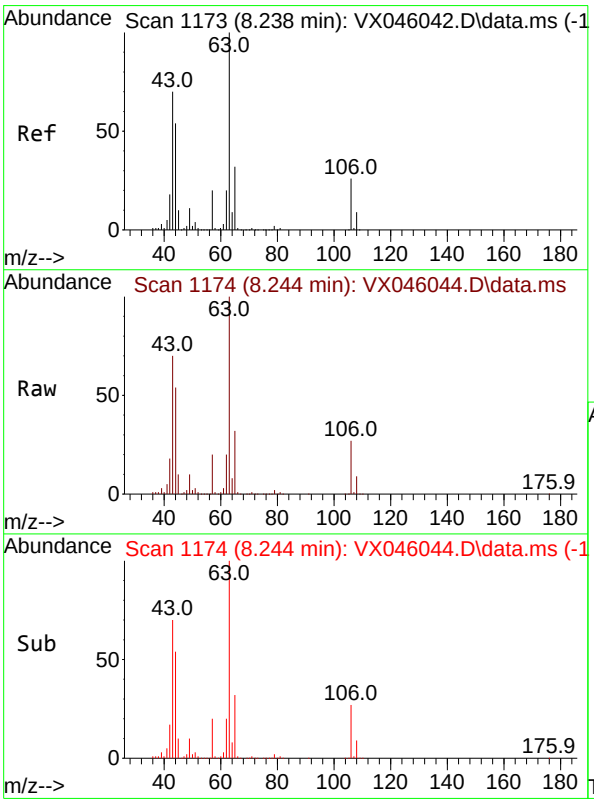
#57
1,3-Dichloropropane
Concen: 109.813 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 272814

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

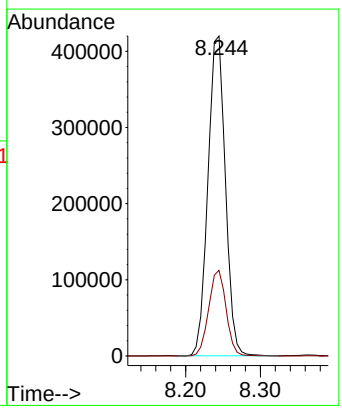


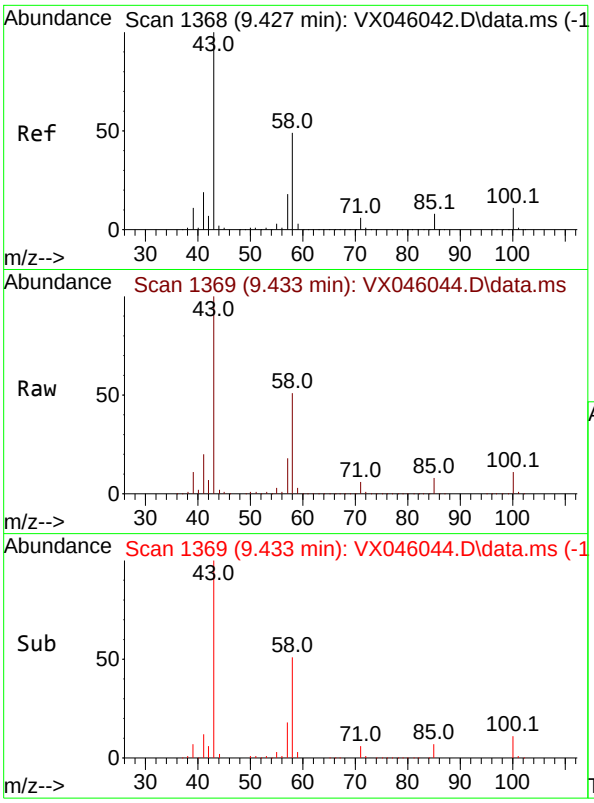


#58
2-Chloroethyl Vinyl ether
Concen: 697.344 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 680608

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3



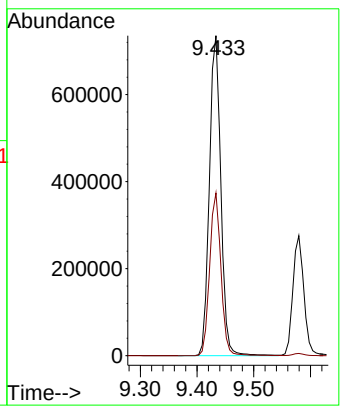


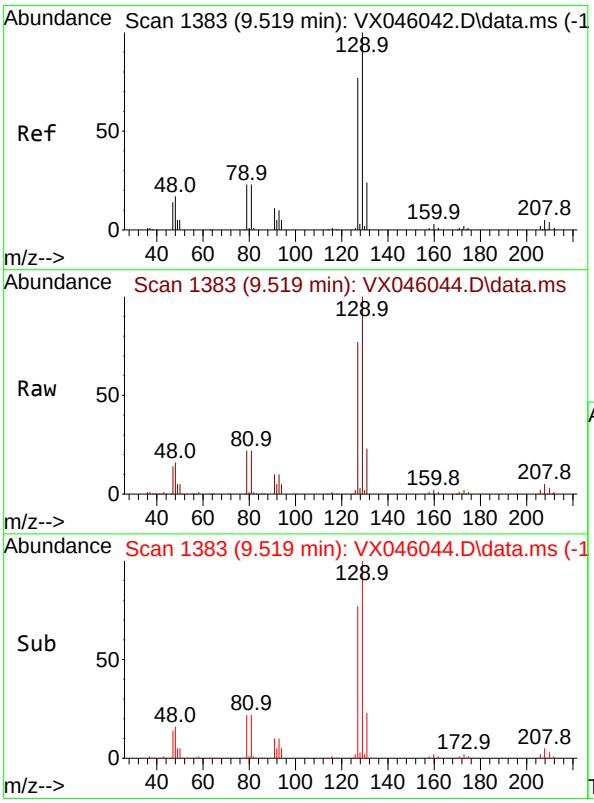
#59
2-Hexanone
Concen: 571.094 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1028597

Ion	Ratio	Lower	Upper
43	100		
58	50.2	24.9	74.6

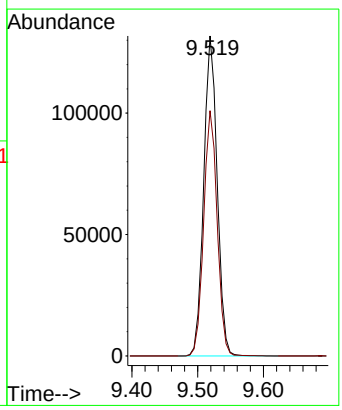


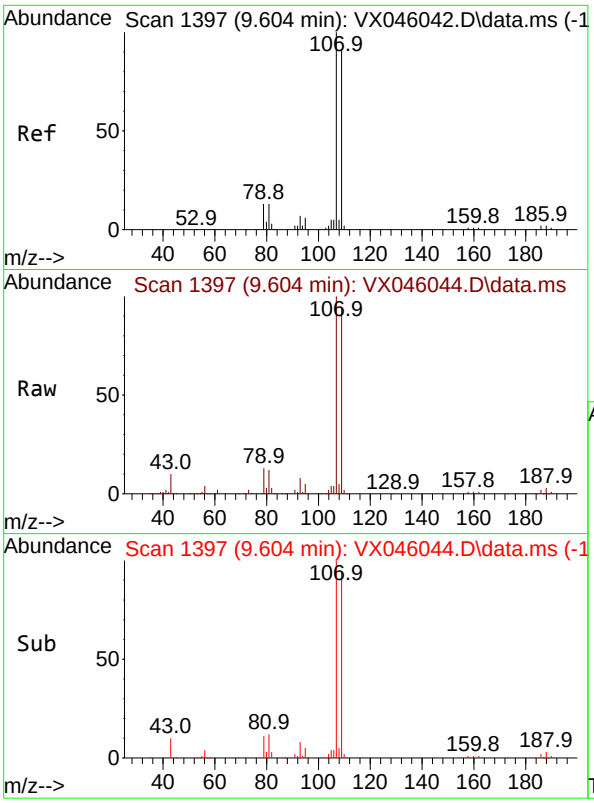


#60
Dibromochloromethane
Concen: 122.915 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:129 Resp: 187497

Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.3	117.8



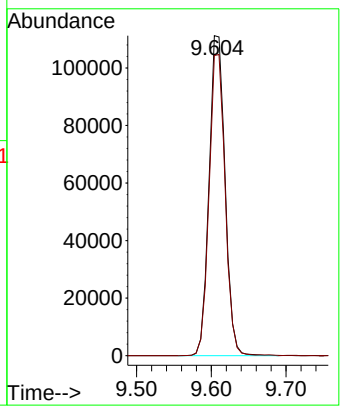


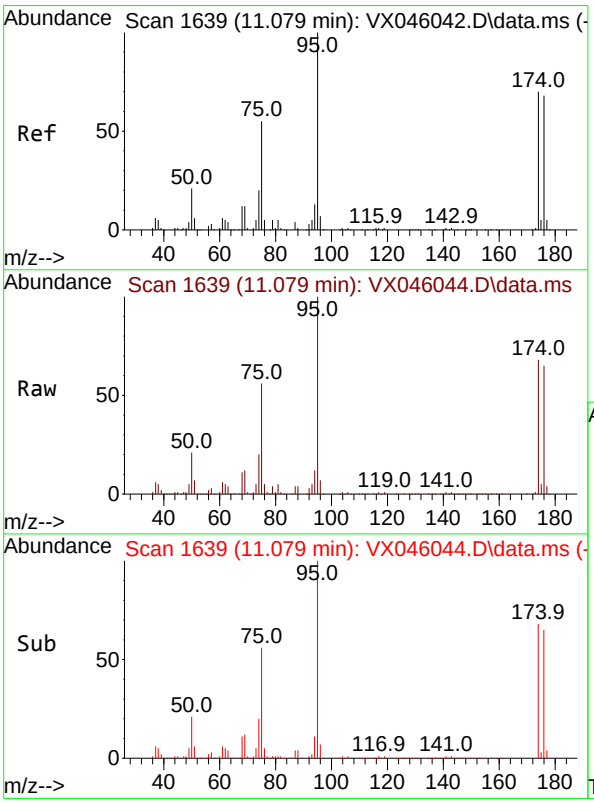
#61
1,2-Dibromoethane
Concen: 115.087 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 165634

Ion	Ratio	Lower	Upper
107	100		
109	94.6	73.3	109.9

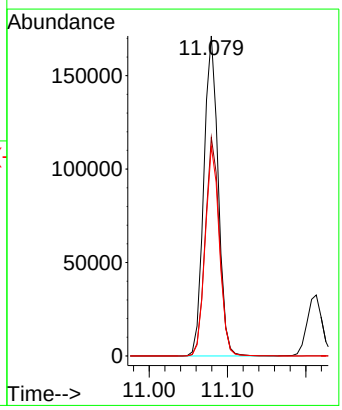


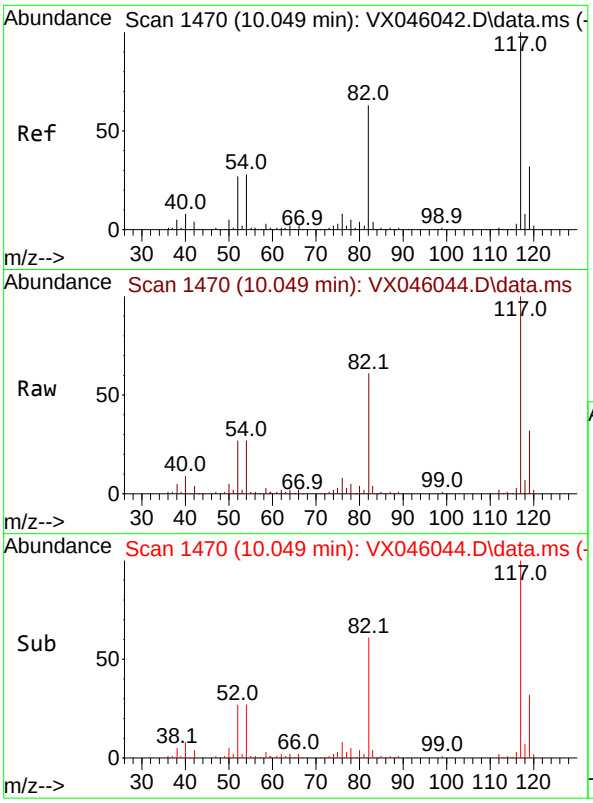


#62
4-Bromofluorobenzene
Concen: 109.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 95 Resp: 217536

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	64.4	0.0	131.4



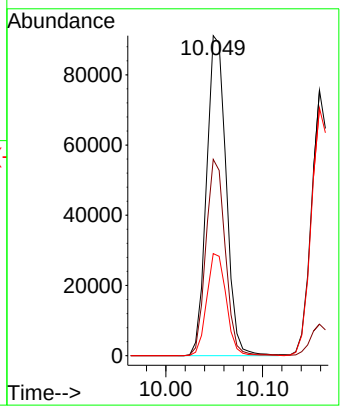


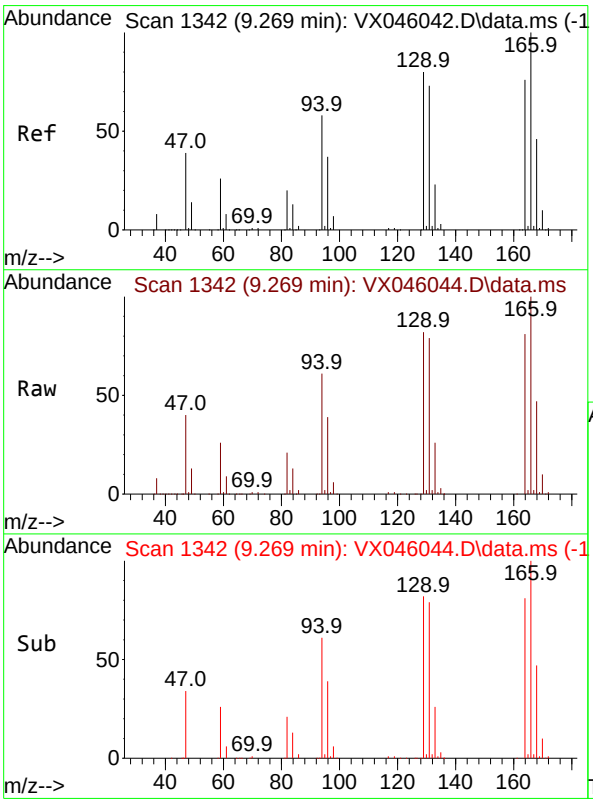
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 128557

Ion	Ratio	Lower	Upper
117	100		
82	61.4	50.6	76.0
119	31.9	25.8	38.6

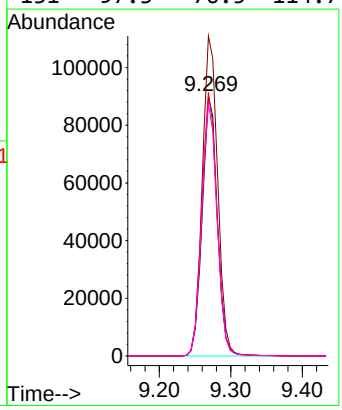


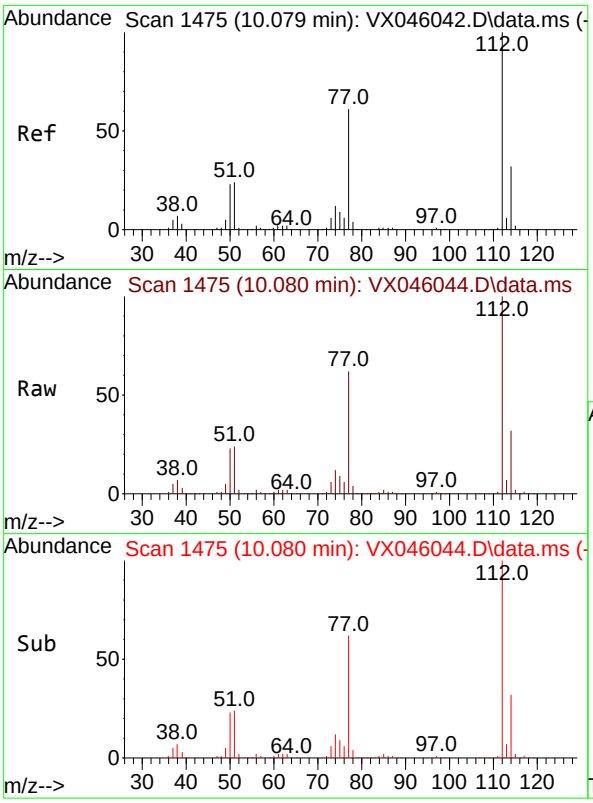


#64
Tetrachloroethene
Concen: 100.918 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:164 Resp: 132488

Ion	Ratio	Lower	Upper
164	100		
166	123.3	105.0	157.6
129	101.6	83.5	125.3
131	97.3	76.5	114.7



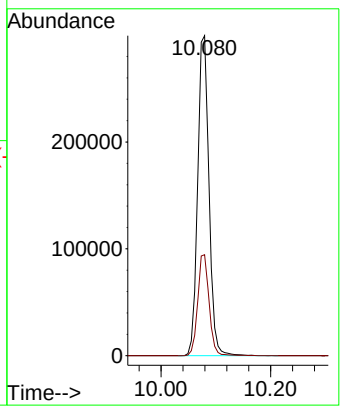


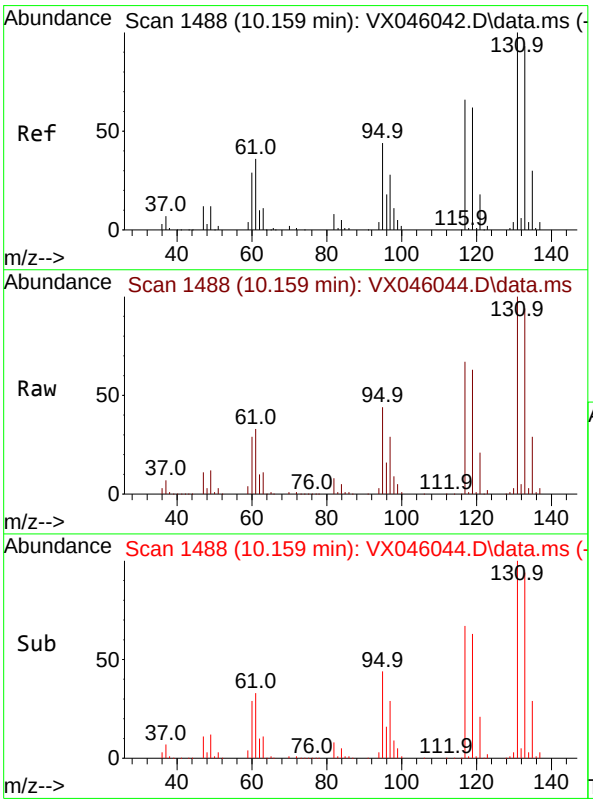
#65
Chlorobenzene
Concen: 108.615 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 429656

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2

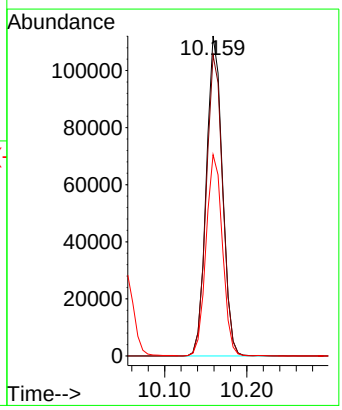


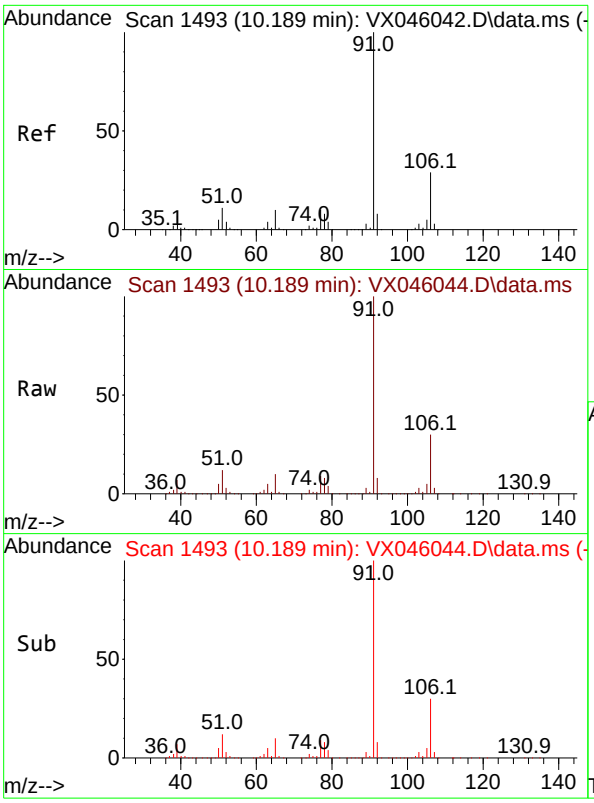


#66
1,1,1,2-Tetrachloroethane
Concen: 115.333 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:131 Resp: 152173

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	141.9
119	64.0	31.6	95.0



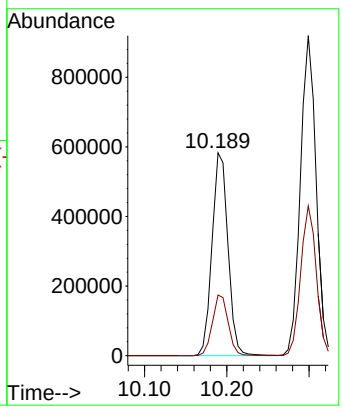


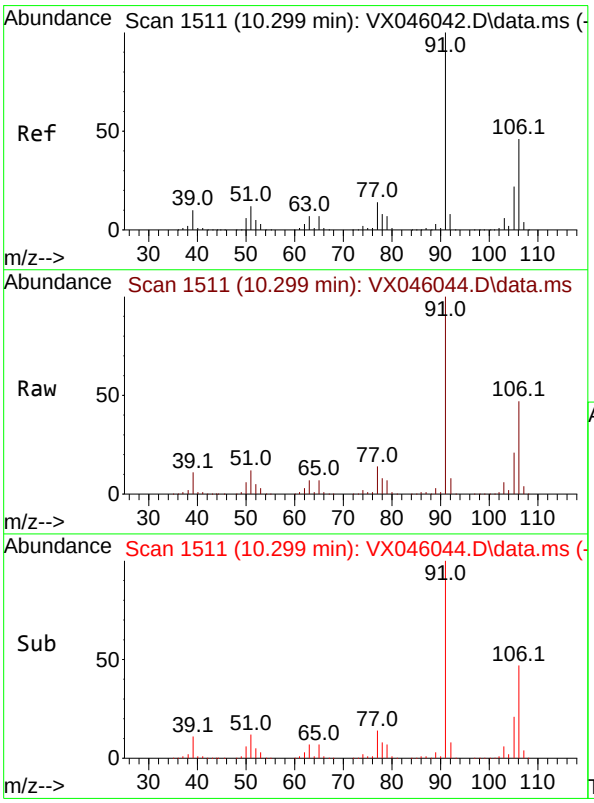
#67
Ethyl Benzene
Concen: 116.421 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 785121

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.4	35.2

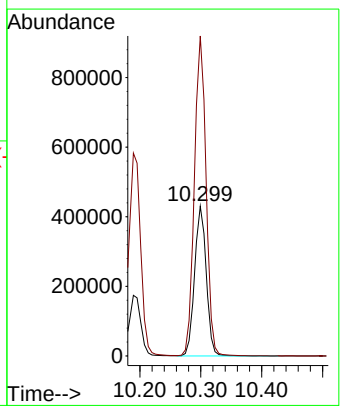


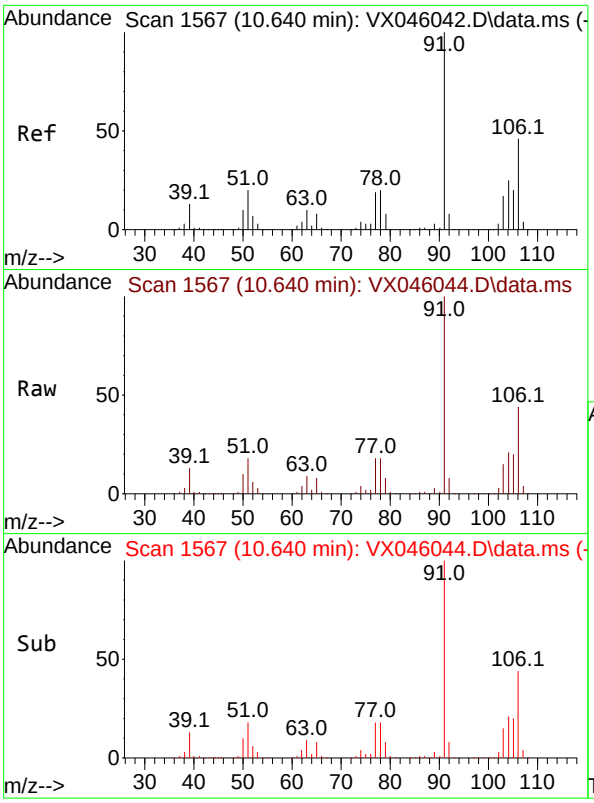


#68
m/p-Xylenes
Concen: 234.349 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:106 Resp: 570913

Ion	Ratio	Lower	Upper
106	100		
91	214.2	171.2	256.8



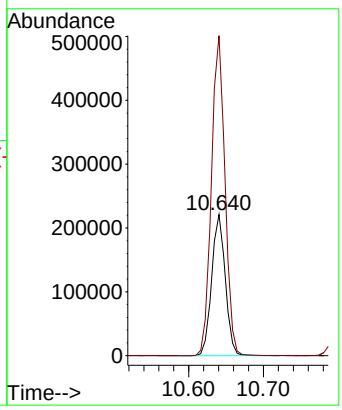


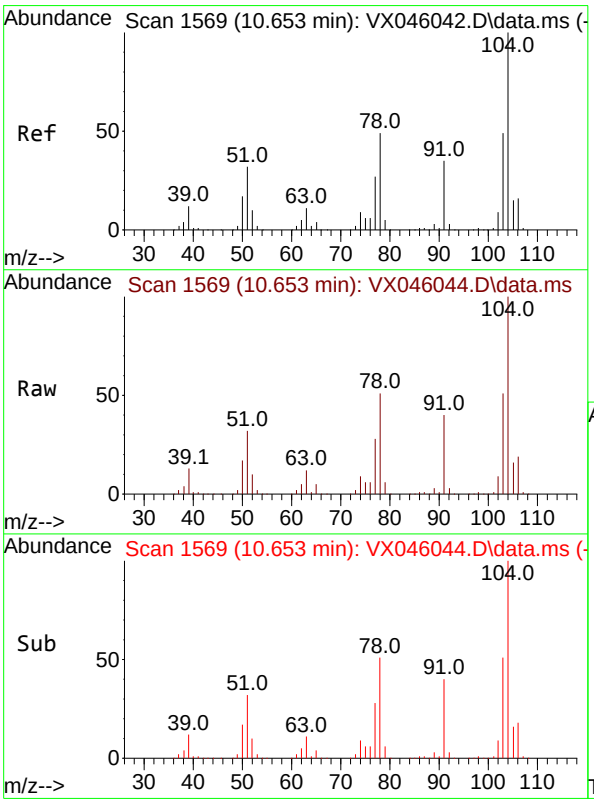
#69
o-Xylene
Concen: 113.990 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 279906

Ion	Ratio	Lower	Upper
106	100		
91	226.9	112.7	338.1

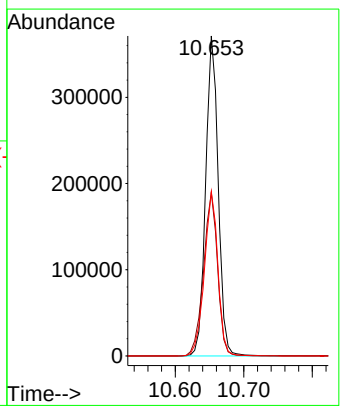


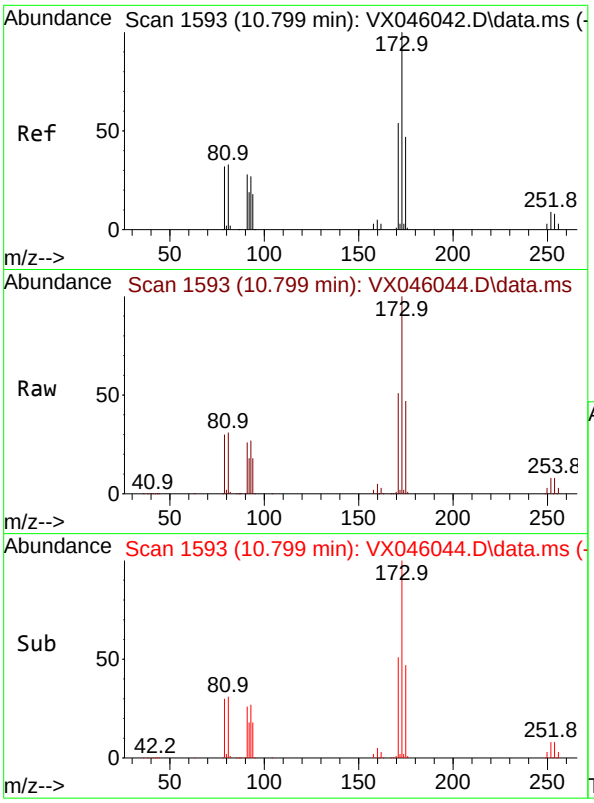


#70
Styrene
Concen: 120.694 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:104 Resp: 474254

Ion	Ratio	Lower	Upper
104	100		
78	57.2	45.7	68.5
103	55.5	43.7	65.5



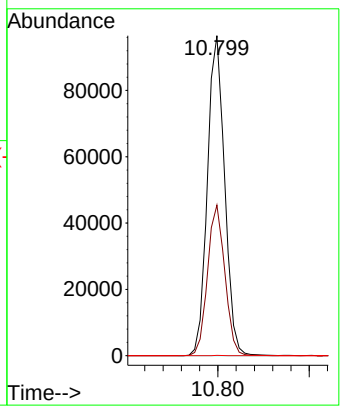


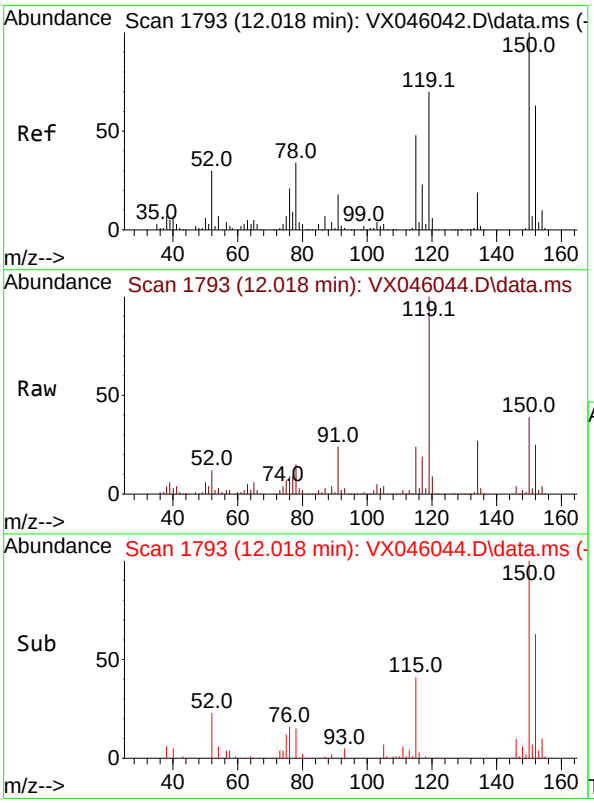
#71
Bromoform
Concen: 127.128 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 125986

Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.4	70.0
254	0.1	0.0	0.0#

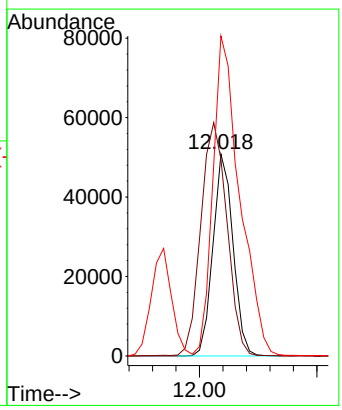


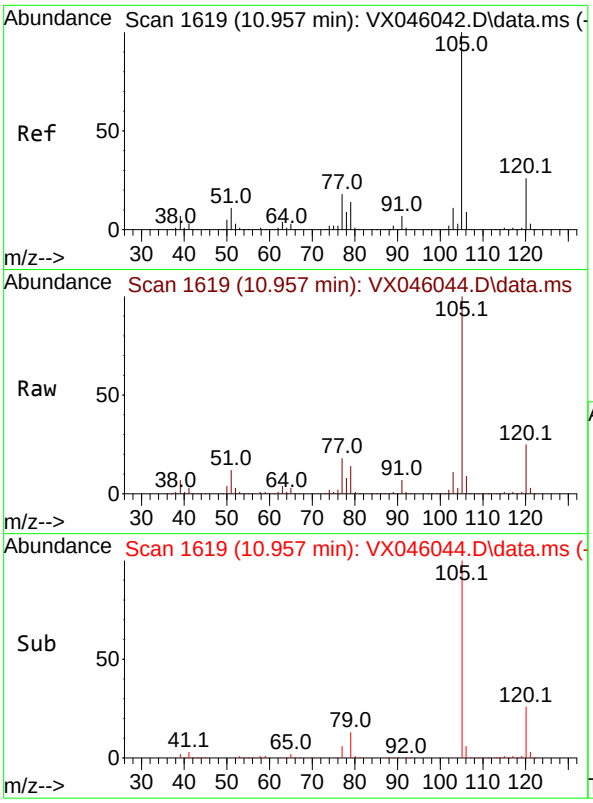


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:152 Resp: 60345

Ion	Ratio	Lower	Upper
152	100		
115	150.7	46.9	140.7#
150	211.6	0.0	351.0



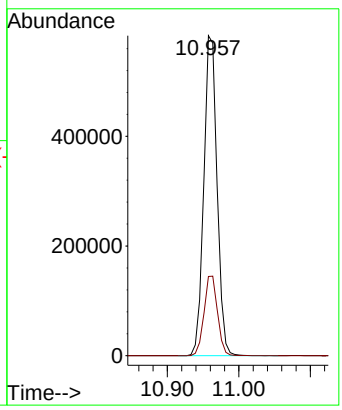


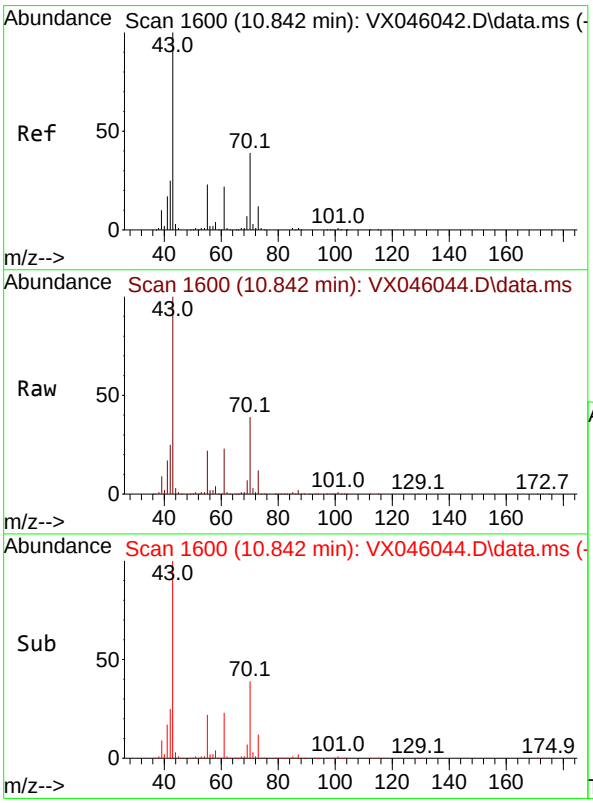
#73
Isopropylbenzene
Concen: 114.312 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 752337

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

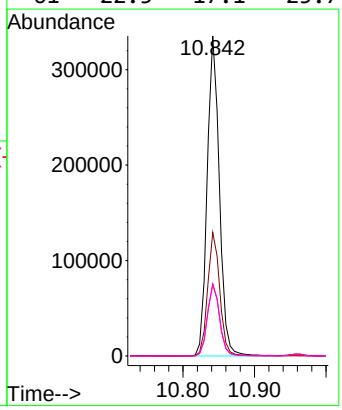


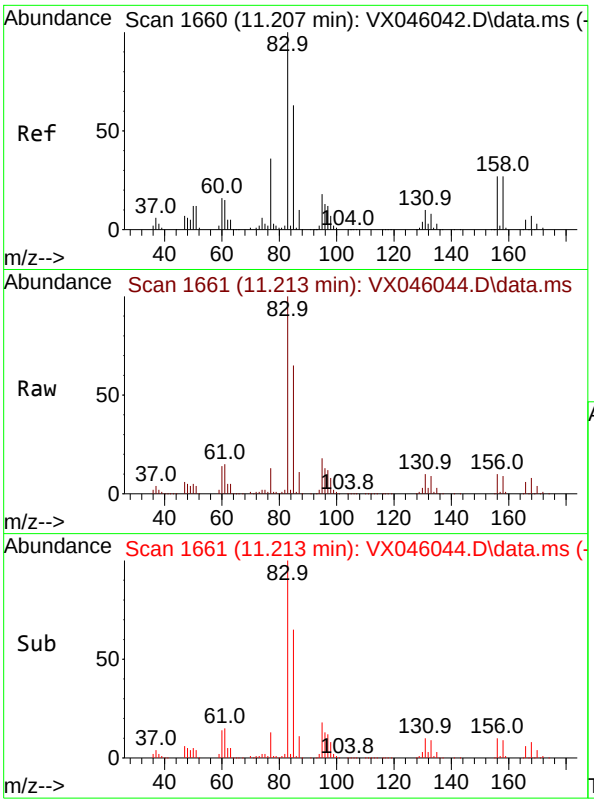


#74
N-amyl acetate
Concen: 120.944 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 396877

Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	22.5	18.7	28.1
61	22.5	17.1	25.7



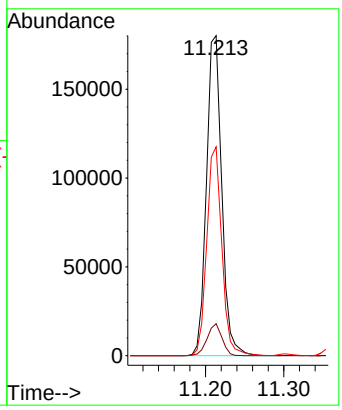


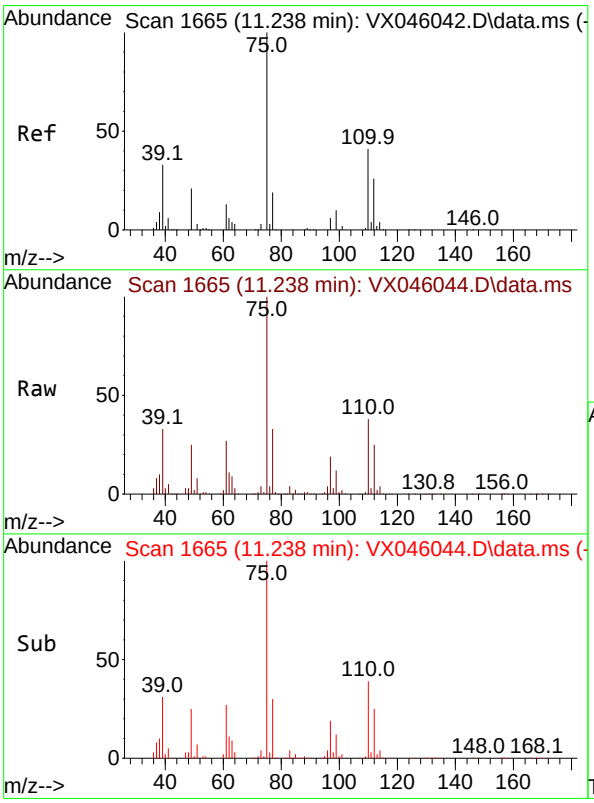
#75
1,1,2,2-Tetrachloroethane
Concen: 104.018 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 243532

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.4	31.9	95.7

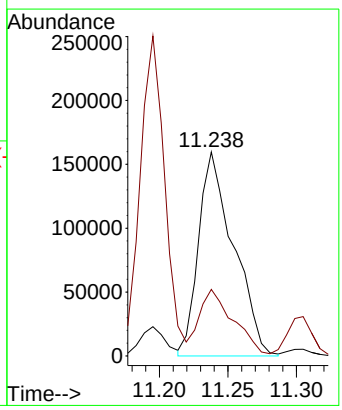


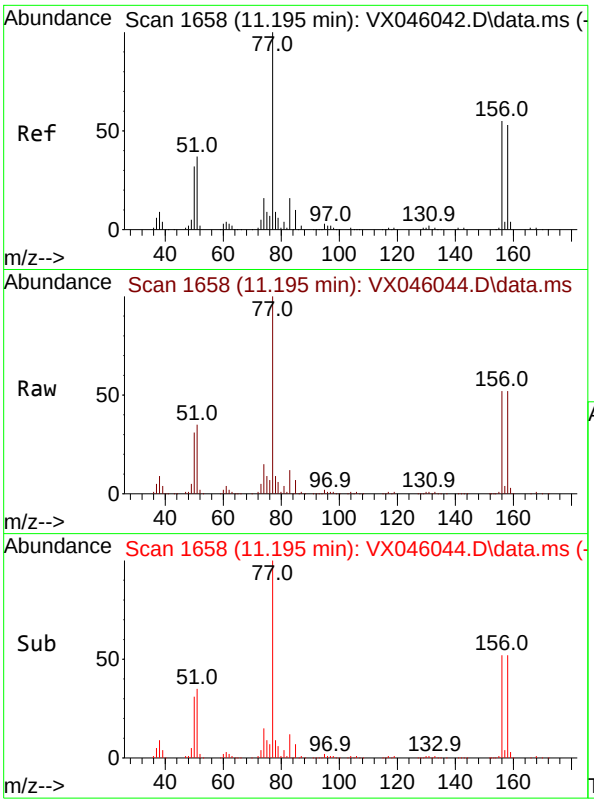


#76
1,2,3-Trichloropropane
Concen: 113.113 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 284571

Ion	Ratio	Lower	Upper
75	100		
77	31.8	20.5	61.5



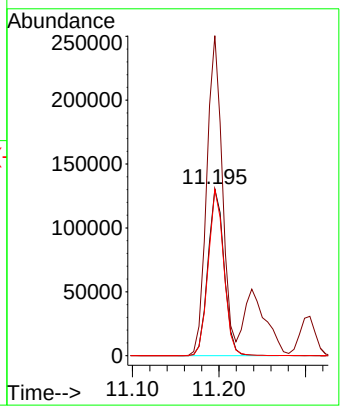


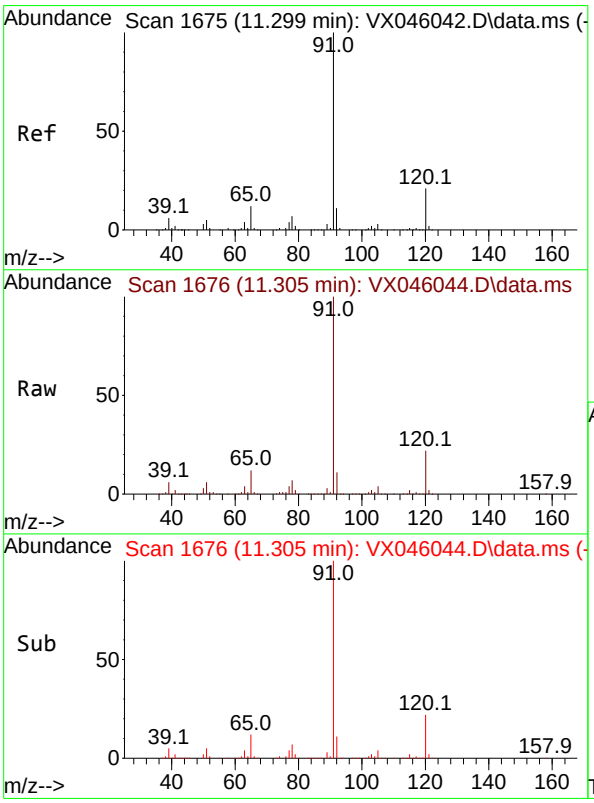
#77
Bromobenzene
Concen: 110.297 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 167934

Ion	Ratio	Lower	Upper
156	100		
77	187.1	92.8	278.3
158	97.3	48.8	146.3

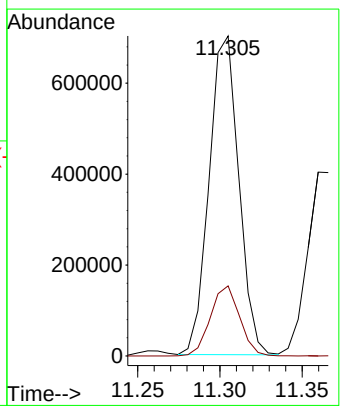


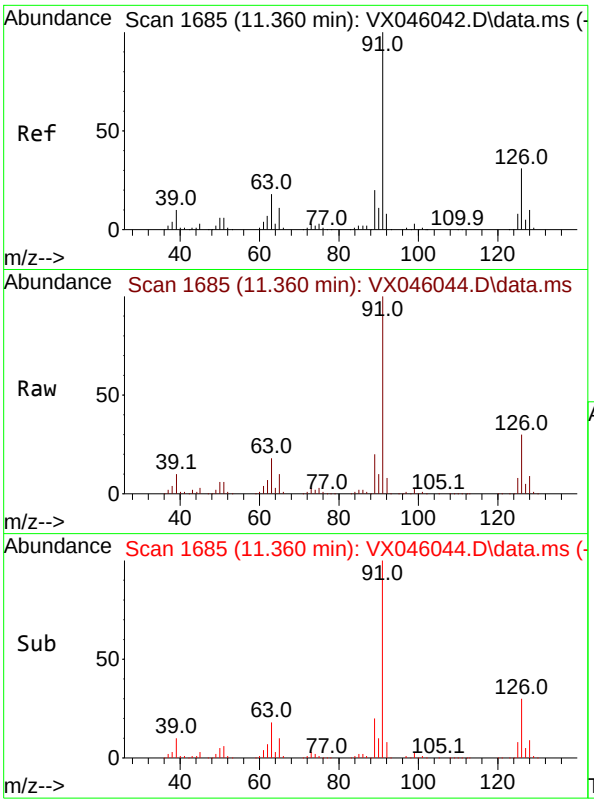


#78
n-propylbenzene
Concen: 119.448 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 881218

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4



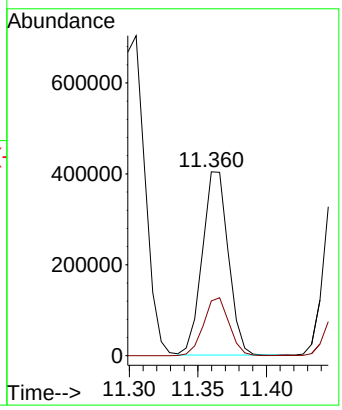


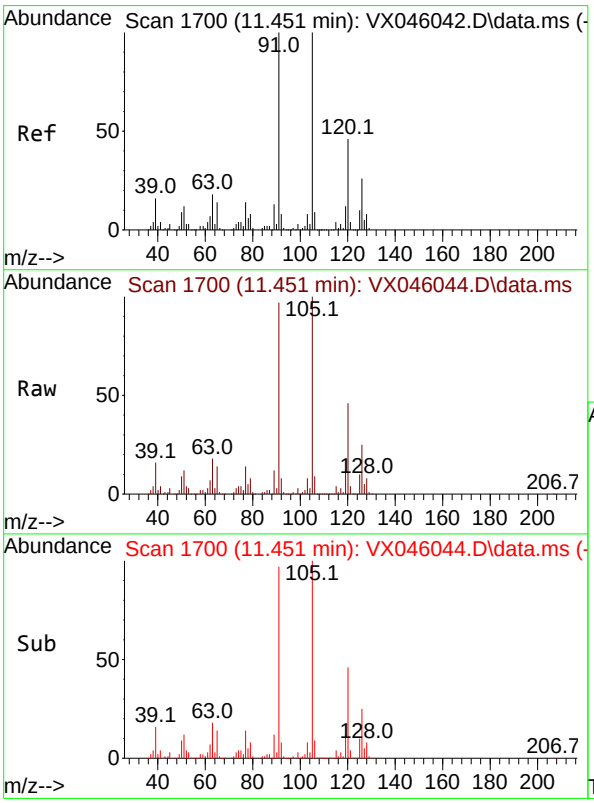
#79
2-Chlorotoluene
Concen: 107.514 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 534560

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7

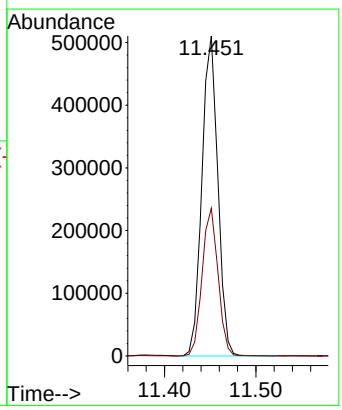


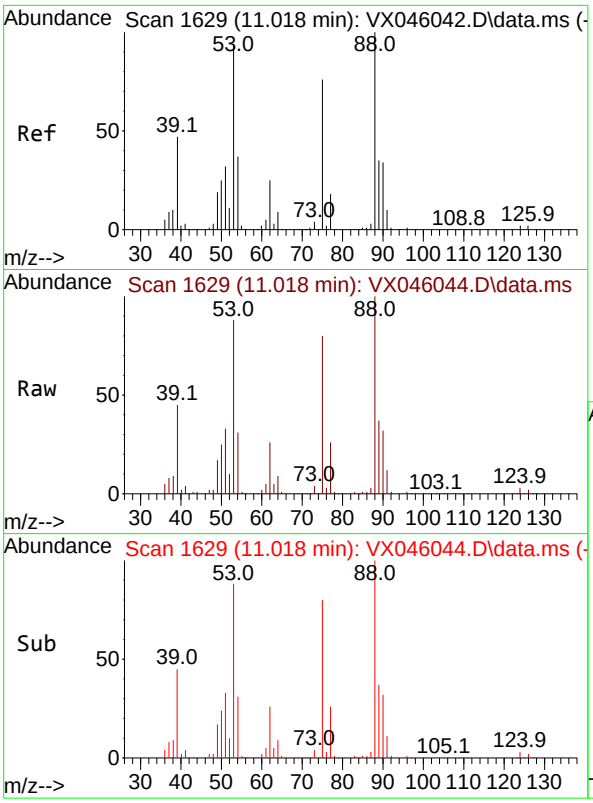


#80
1,3,5-Trimethylbenzene
Concen: 112.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:105 Resp: 616477

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2



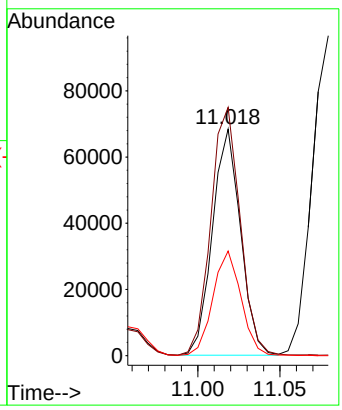


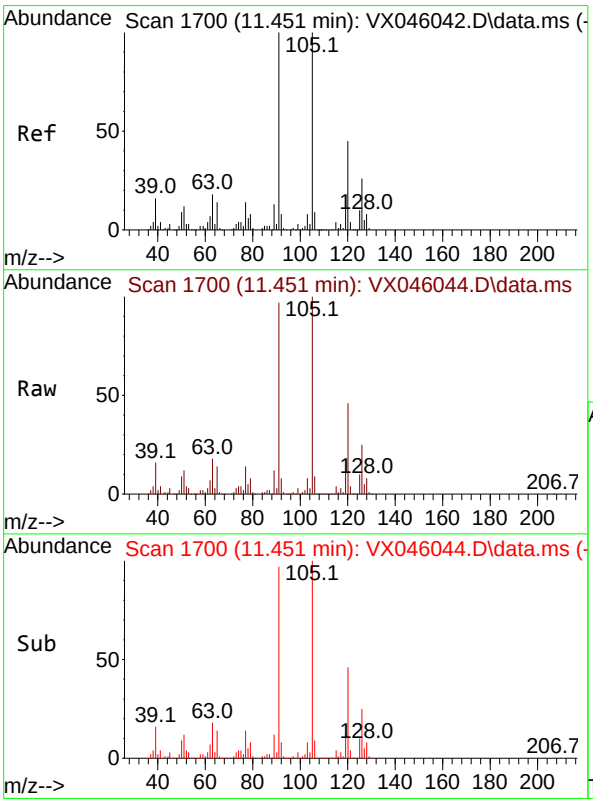
#81
trans-1,4-Dichloro-2-butene
Concen: 134.609 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 81372

Ion	Ratio	Lower	Upper
75	100		
53	114.9	100.5	150.7
89	46.5	37.0	55.6

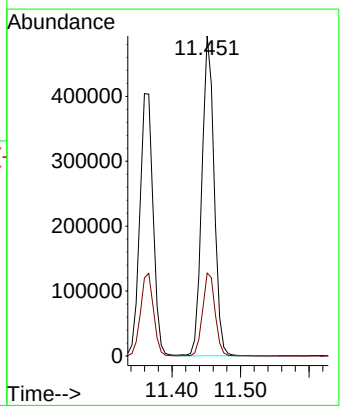


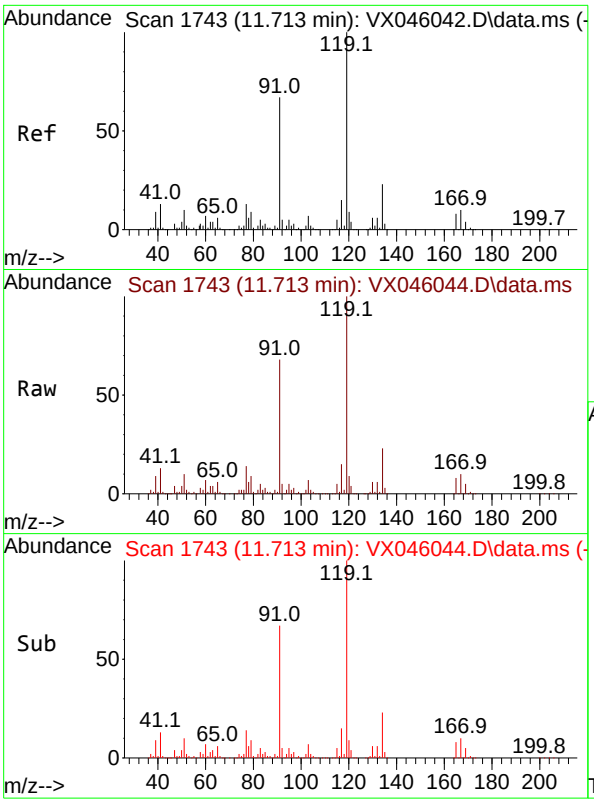


#82
4-Chlorotoluene
Concen: 111.948 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 91 Resp: 611736

Ion	Ratio	Lower	Upper
91	100		
126	26.7	13.3	39.8



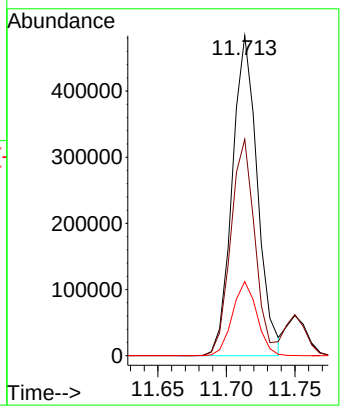


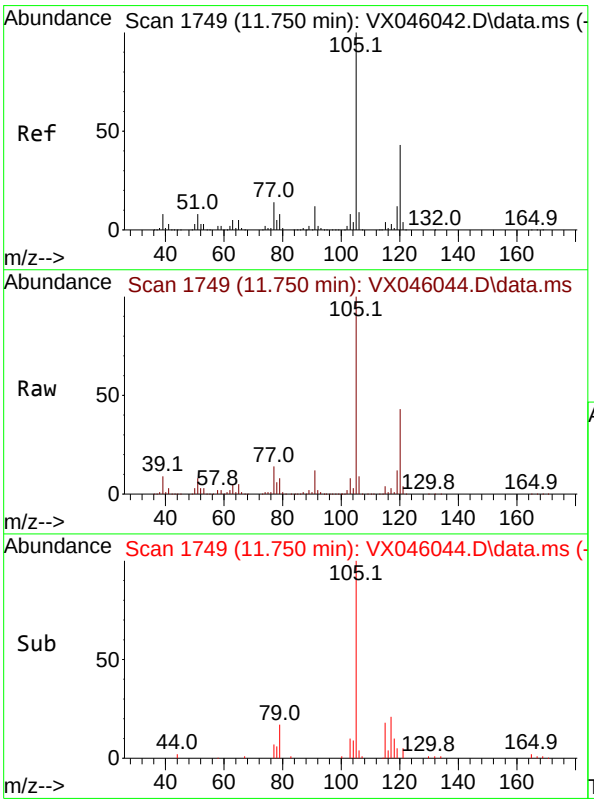
#83
tert-Butylbenzene
Concen: 115.065 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 617473

Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.9	98.7
134	22.6	11.4	34.1

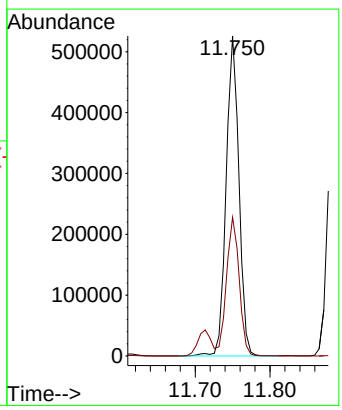


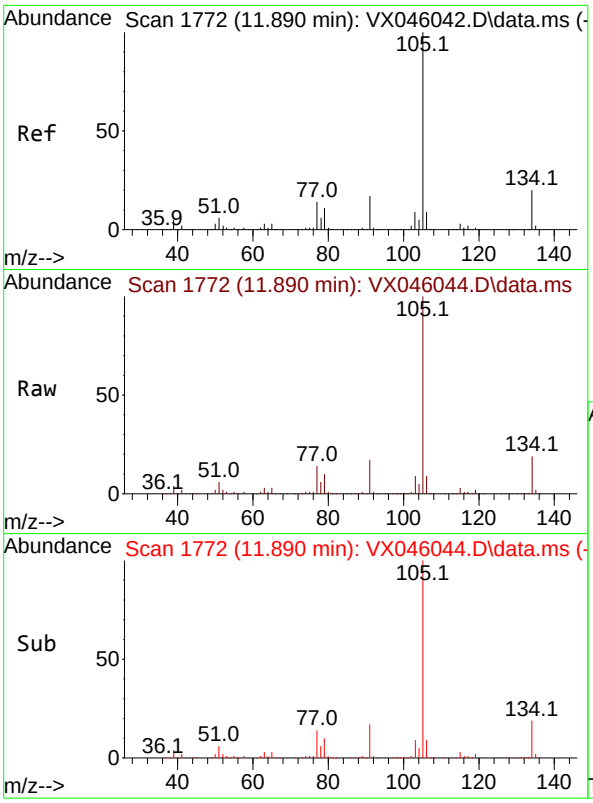


#84
1,2,4-Trimethylbenzene
Concen: 114.236 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:105 Resp: 623456

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.2	63.6



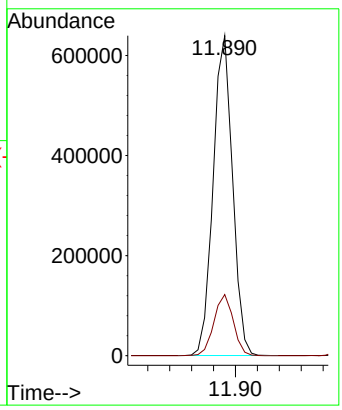


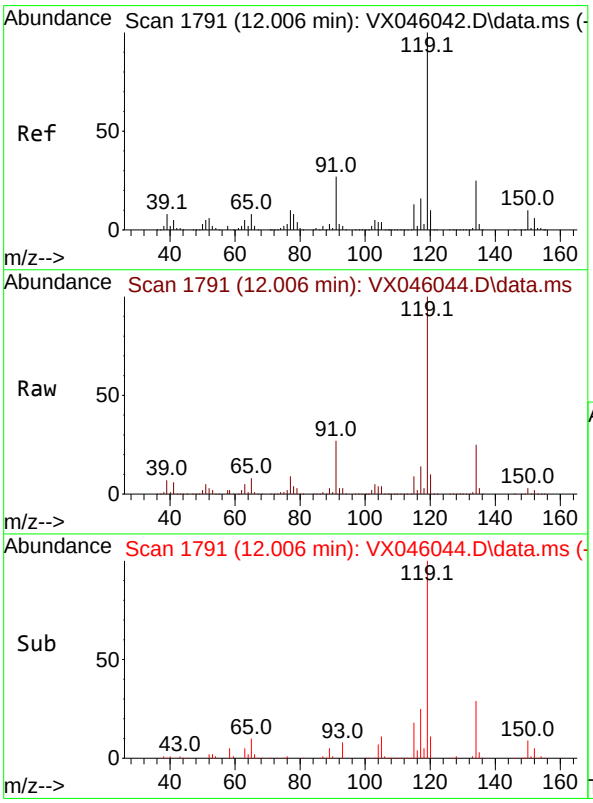
#85
sec-Butylbenzene
Concen: 118.023 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 786293

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1

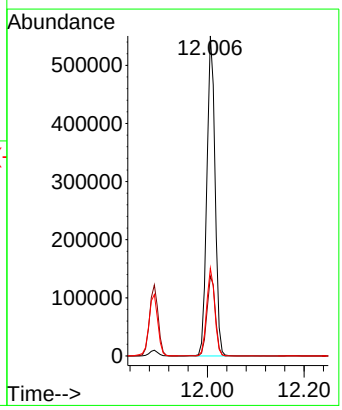


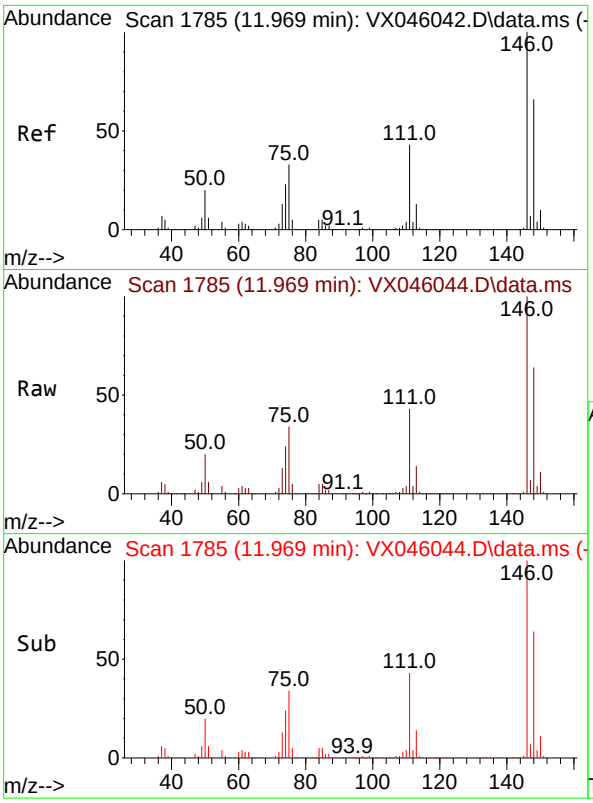


#86
p-Isopropyltoluene
Concen: 121.113 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:119 Resp: 651531

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.5	37.5
91	27.0	13.8	41.4



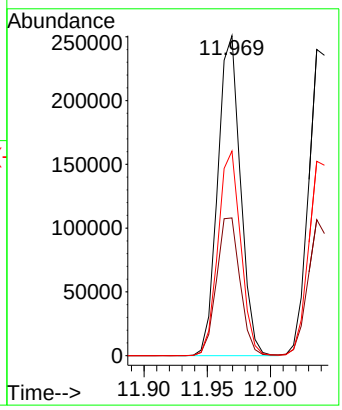


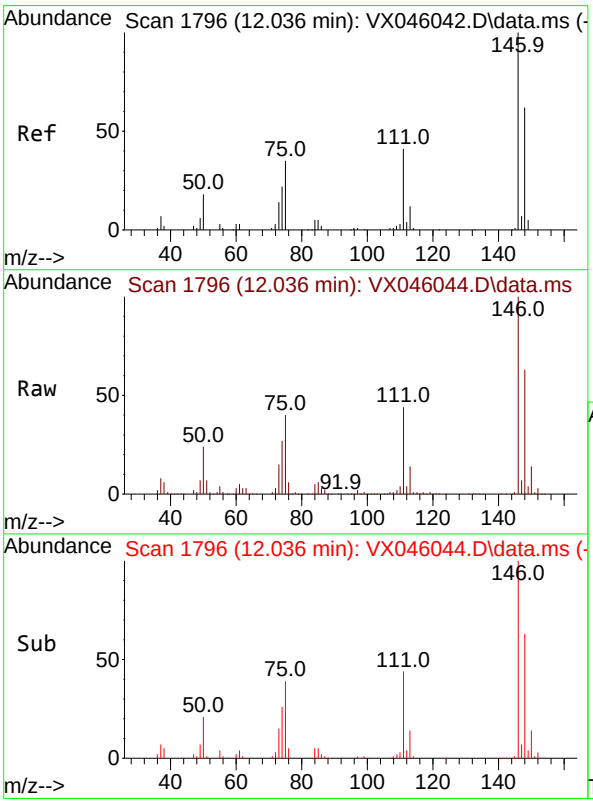
#87
1,3-Dichlorobenzene
Concen: 110.394 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 313100

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.3
148	64.0	32.1	96.5

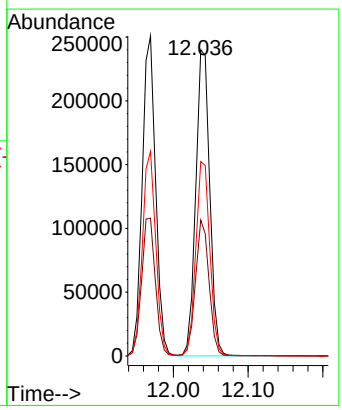


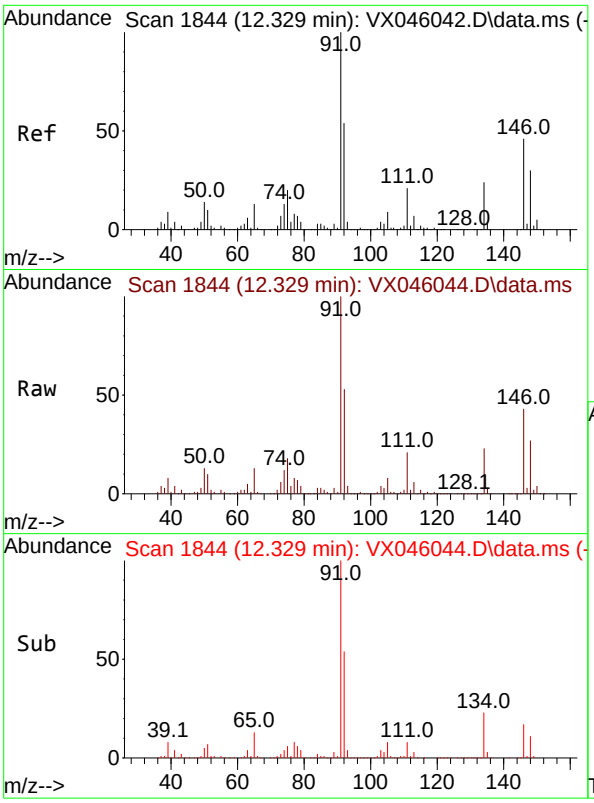


#88
1,4-Dichlorobenzene
Concen: 112.167 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:146 Resp: 311752

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.9	31.9	95.5



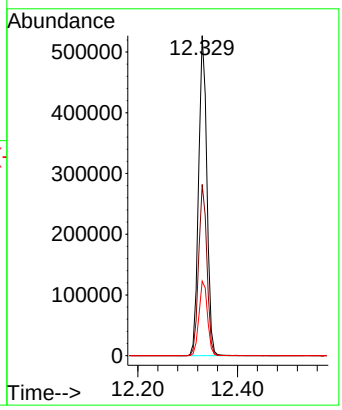


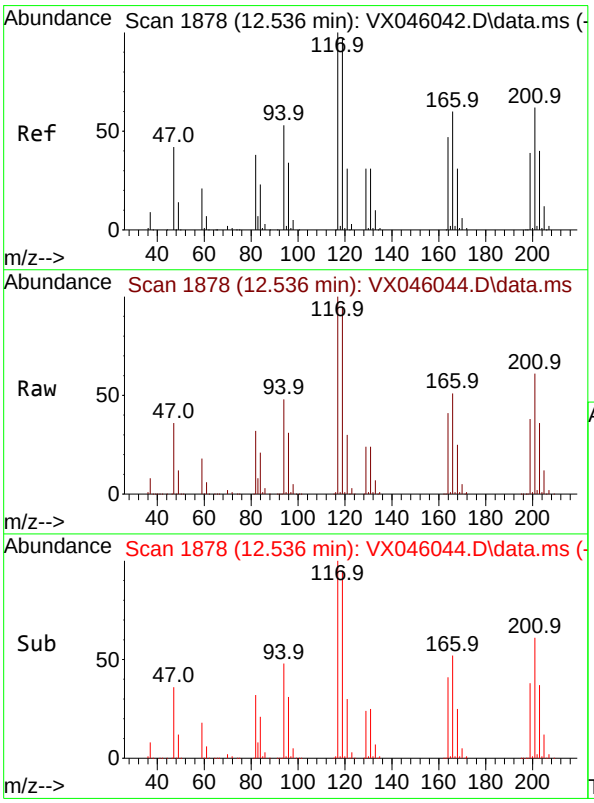
#89
n-Butylbenzene
Concen: 129.533 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 605783

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	24.0	11.8	35.3

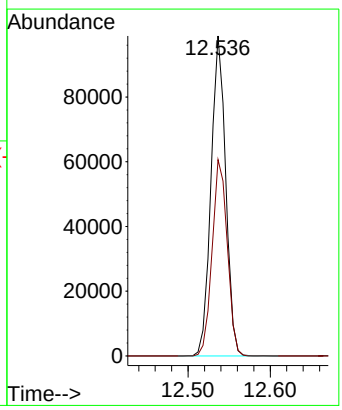


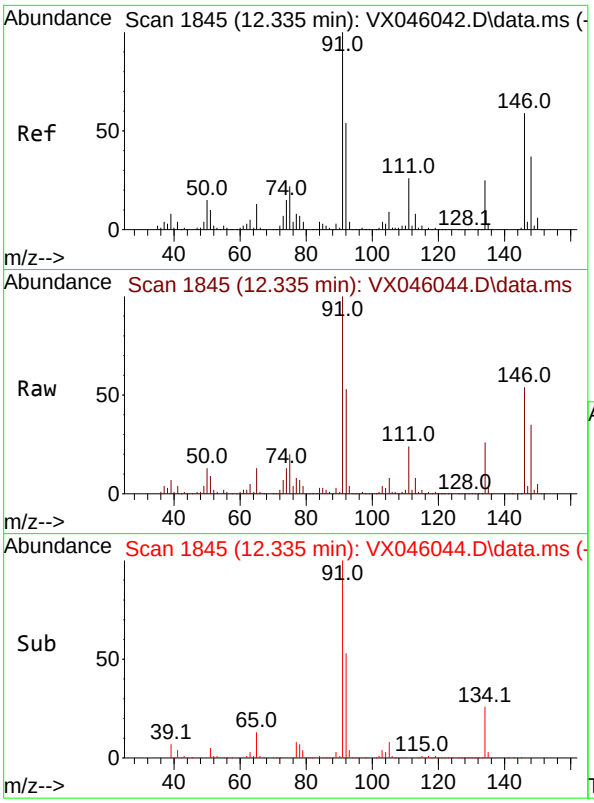


#90
Hexachloroethane
Concen: 123.091 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 123188

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.6	94.7



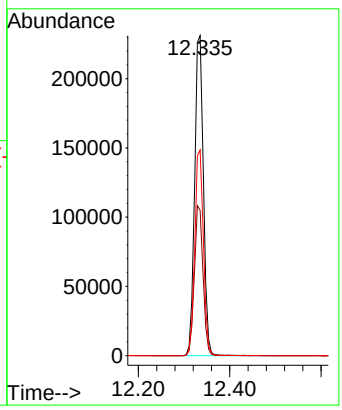


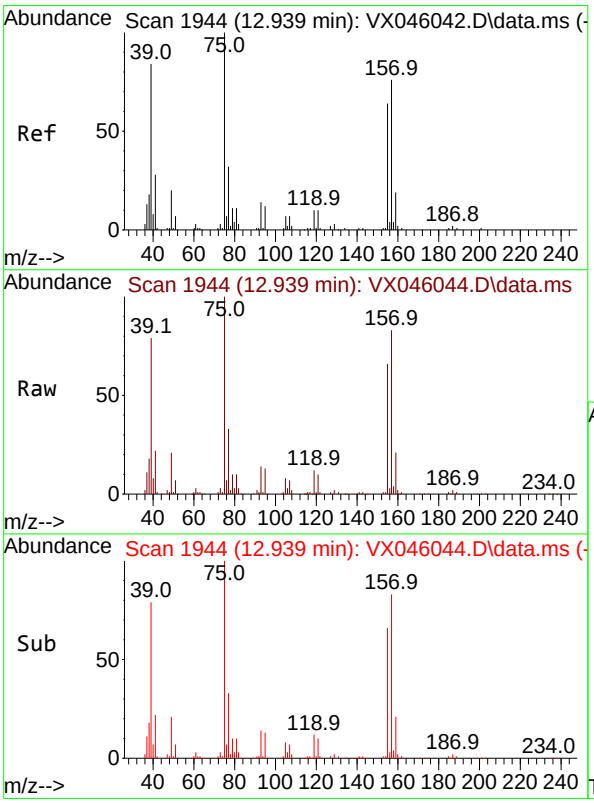
#91
1,2-Dichlorobenzene
Concen: 111.506 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 308039

Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.4	67.3
148	63.6	31.6	94.8

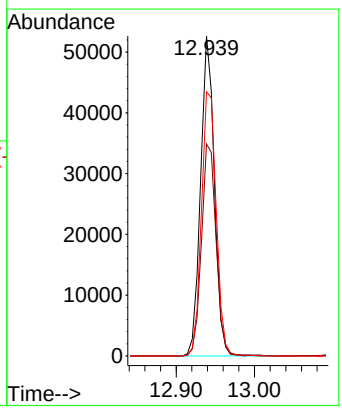


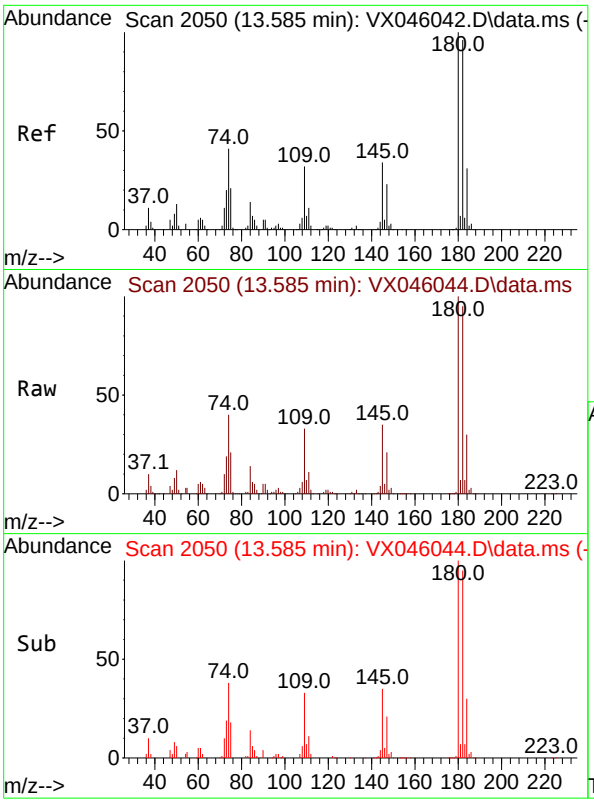


#92
1,2-Dibromo-3-Chloropropane
Concen: 120.915 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 75 Resp: 64438

Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.9	104.8
157	88.4	43.8	131.4



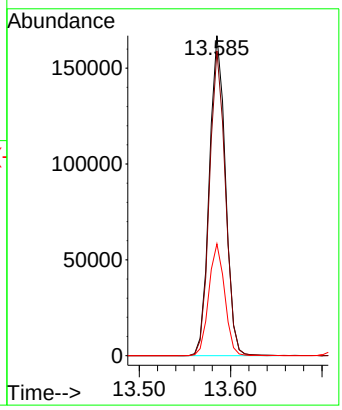


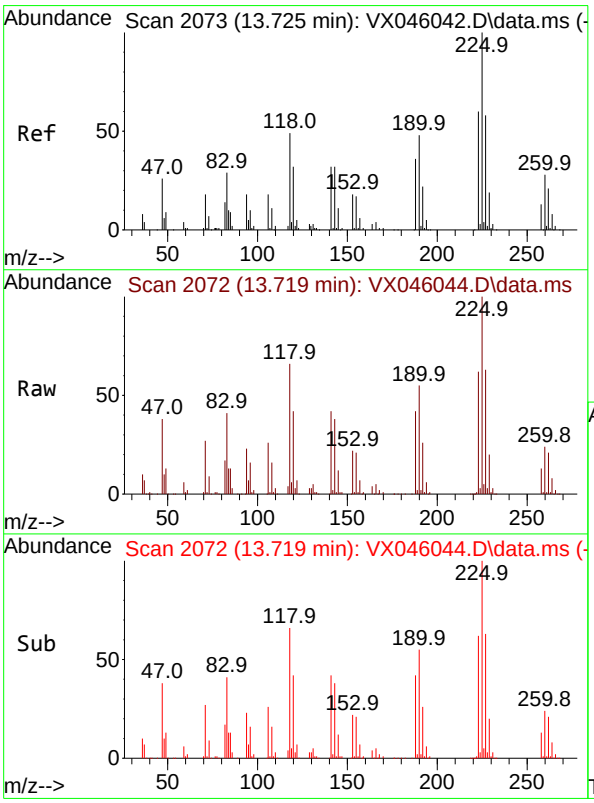
#93
1,2,4-Trichlorobenzene
Concen: 134.366 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 203255

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	34.5	17.1	51.2

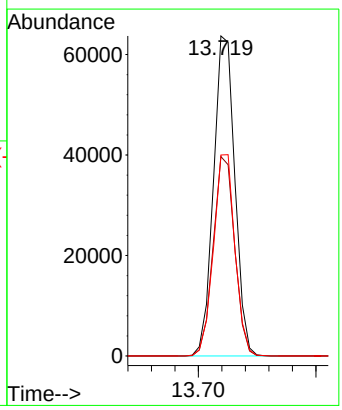


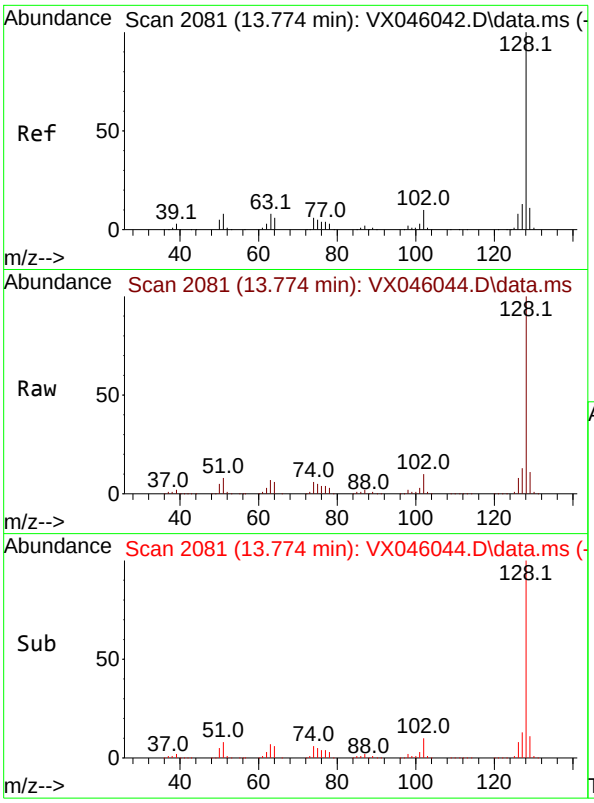


#94
Hexachlorobutadiene
Concen: 113.857 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:225 Resp: 80558

Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.8	92.4
227	63.1	30.9	92.7



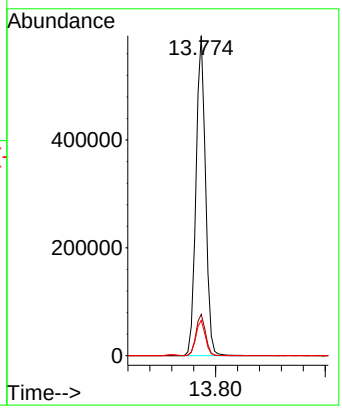


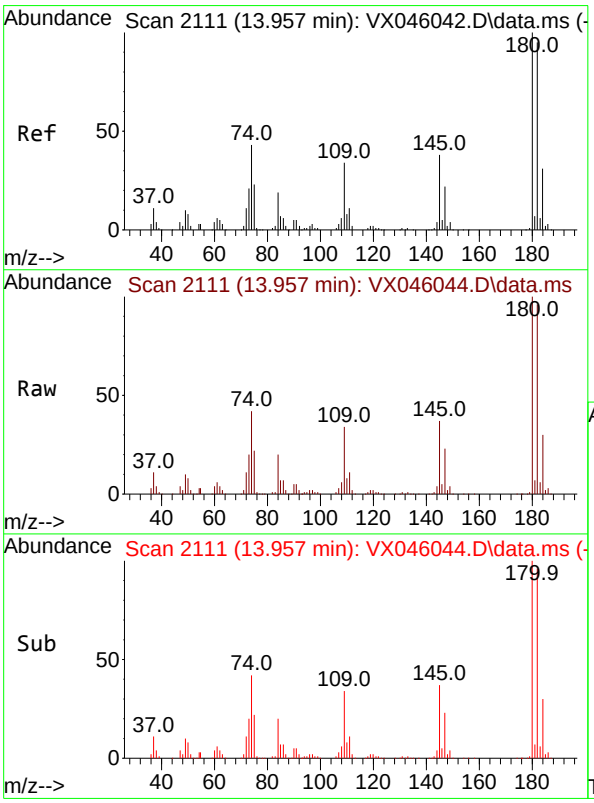
#95
Naphthalene
Concen: 130.929 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 721236

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

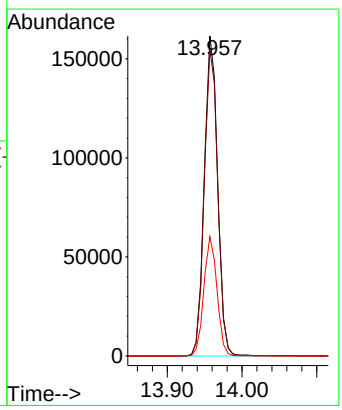




#96
1,2,3-Trichlorobenzene
Concen: 126.331 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:180 Resp: 200379

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	36.7	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	96964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	9067	3.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	6.280%#		
35) Dibromofluoromethane	5.373	113	5969	3.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	6.320%#		
50) Toluene-d8	8.647	98	20566	3.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.460%#		
62) 4-Bromofluorobenzene	11.079	95	7822	3.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	6.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6195	2.894	ug/l	95
3) Chloromethane	1.307	50	6587	3.125	ug/l	99
4) Vinyl Chloride	1.374	62	5999	3.249	ug/l	96
5) Bromomethane	1.593	94	2962	3.164	ug/l	88
6) Chloroethane	1.666	64	3567	3.750	ug/l	94
7) Trichlorofluoromethane	1.874	101	9599	3.413	ug/l	88
8) Diethyl Ether	2.130	74	3020	3.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5911	3.517	ug/l	99
10) Methyl Iodide	2.441	142	5900	2.990	ug/l	99
11) Tert butyl alcohol	2.965	59	5539	16.111	ug/l	98
12) 1,1-Dichloroethene	2.306	96	5496	3.359	ug/l	97
13) Acrolein	2.233	56	5673	14.206	ug/l	95
14) Allyl chloride	2.654	41	10262	3.319	ug/l	98
15) Acrylonitrile	3.062	53	16746	16.282	ug/l	97
16) Acetone	2.380	43	19773	20.036	ug/l	98
17) Carbon Disulfide	2.501	76	11068	2.919	ug/l	96
18) Methyl Acetate	2.703	43	7909	3.357	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18497	3.241	ug/l	97
20) Methylene Chloride	2.782	84	6680	3.341	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	5402	3.234	ug/l	100
22) Diisopropyl ether	3.751	45	18657	3.230	ug/l #	65
23) Vinyl Acetate	3.715	43	82328	16.127	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11193	3.297	ug/l	99
25) 2-Butanone	4.562	43	26125	18.340	ug/l	98
26) 2,2-Dichloropropane	4.465	77	8245	3.205	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6222	3.089	ug/l	95
28) Bromochloromethane	4.891	49	5360	2.969	ug/l #	100
29) Tetrahydrofuran	5.001	42	15431	16.680	ug/l	98
30) Chloroform	5.080	83	11624	3.294	ug/l	89
31) Cyclohexane	5.458	56	10269	3.588	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	9827	3.229	ug/l	97
36) 1,1-Dichloropropene	5.678	75	7787	3.551	ug/l	98
37) Ethyl Acetate	4.721	43	9021	3.279	ug/l	98
38) Carbon Tetrachloride	5.659	117	8505	3.376	ug/l	97
39) Methylcyclohexane	7.373	83	9882	3.597	ug/l	93
40) Benzene	6.031	78	22528	3.315	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	4851	3.174	ug/l	#	65
42) 1,2-Dichloroethane	6.080	62	10011	3.563	ug/l		100
43) Isopropyl Acetate	6.348	43	13914	3.309	ug/l		96
44) Trichloroethene	7.123	130	5313	3.307	ug/l		94
45) 1,2-Dichloropropane	7.427	63	5451	3.228	ug/l	#	89
46) Dibromomethane	7.580	93	4417	3.318	ug/l		98
47) Bromodichloromethane	7.818	83	8394	3.254	ug/l		98
48) Methyl methacrylate	7.696	41	7171	3.321	ug/l		97
49) 1,4-Dioxane	7.659	88	2907	67.721	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	46794	16.967	ug/l		98
52) Toluene	8.714	92	14126	3.505	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	6834	3.155	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	7908	3.129	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	5685	3.490	ug/l		98
56) Ethyl methacrylate	9.116	69	8555	3.390	ug/l		98
57) 1,3-Dichloropropane	9.305	76	10127	3.508	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.238	63	20809	18.346	ug/l		99
59) 2-Hexanone	9.427	43	34853	16.651	ug/l		97
60) Dibromochloromethane	9.518	129	5500	3.102	ug/l		98
61) 1,2-Dibromoethane	9.604	107	5614	3.356	ug/l		99
64) Tetrachloroethene	9.269	164	4752	3.162	ug/l		96
65) Chlorobenzene	10.079	112	15391	3.399	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	5024	3.326	ug/l		99
67) Ethyl Benzene	10.195	91	26732	3.463	ug/l		99
68) m/p-Xylenes	10.299	106	19957	7.156	ug/l		98
69) o-Xylene	10.640	106	9398	3.343	ug/l		95
70) Styrene	10.652	104	14900	3.312	ug/l		99
71) Bromoform	10.799	173	3470	3.059	ug/l	#	99
73) Isopropylbenzene	10.957	105	24201	3.266	ug/l		98
74) N-amyl acetate	10.841	43	11224	3.038	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.207	83	9170	3.479	ug/l		97
76) 1,2,3-Trichloropropane	11.238	75	8548	3.018	ug/l		95
77) Bromobenzene	11.195	156	5857	3.417	ug/l		96
78) n-propylbenzene	11.299	91	28436	3.424	ug/l		100
79) 2-Chlorotoluene	11.360	91	18672	3.336	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	20742	3.372	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	1828	2.686	ug/l		99
82) 4-Chlorotoluene	11.451	91	19966	3.245	ug/l		98
83) tert-Butylbenzene	11.713	119	21049	3.484	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	20613	3.355	ug/l		97
85) sec-Butylbenzene	11.890	105	25590	3.412	ug/l		99
86) p-Isopropyltoluene	12.006	119	20955	3.460	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10585	3.315	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	10908	3.486	ug/l		90
89) n-Butylbenzene	12.329	91	18004	3.419	ug/l		94
90) Hexachloroethane	12.536	117	3553	3.153	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	10712	3.444	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1687	2.812	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	5720	3.359	ug/l		96
94) Hexachlorobutadiene	13.719	225	2816	3.535	ug/l		96
95) Naphthalene	13.774	128	19902	3.209	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	5745	3.217	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

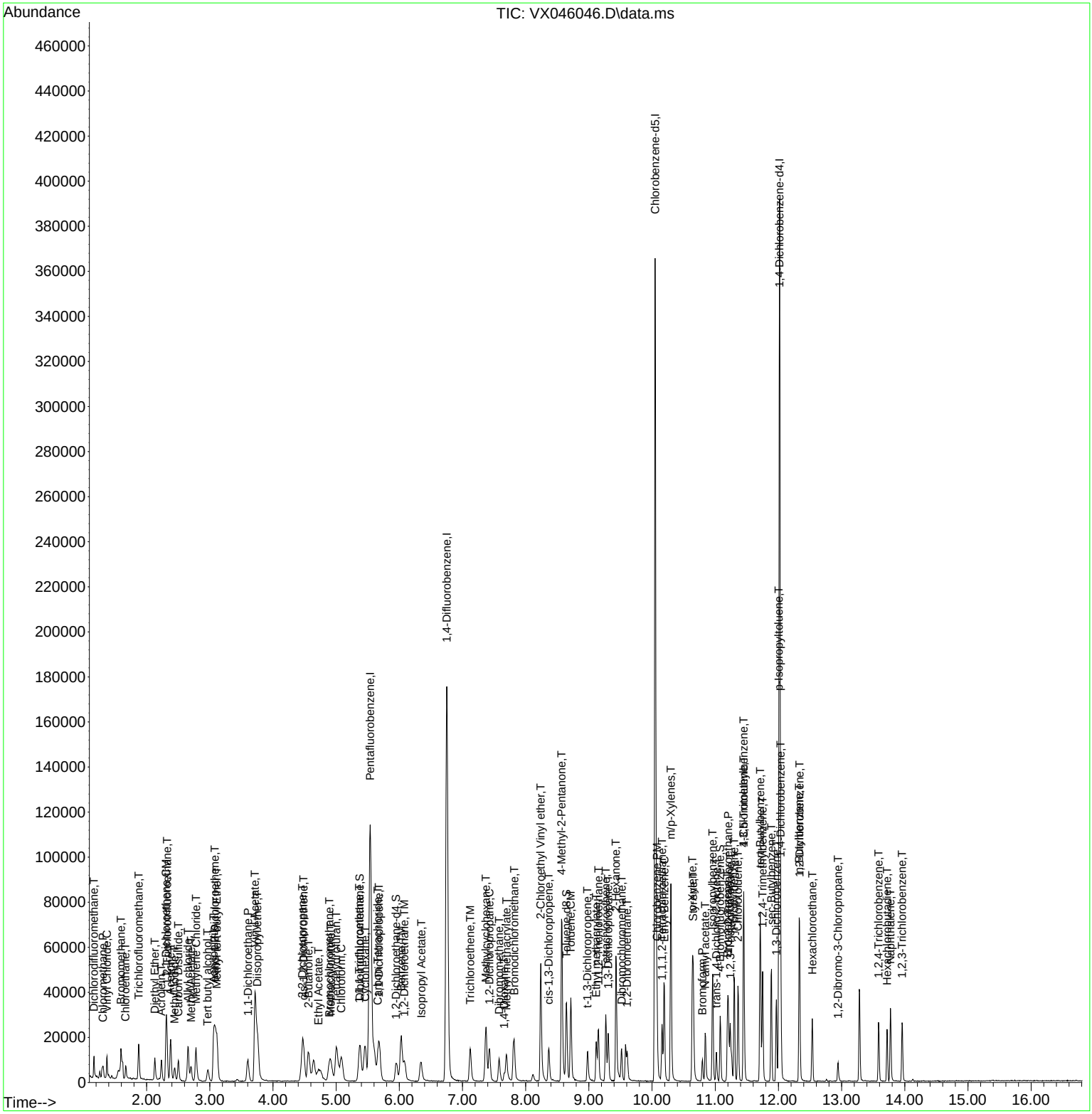
(#) = qualifier out of range (m) = manual integration (+) = signals summed

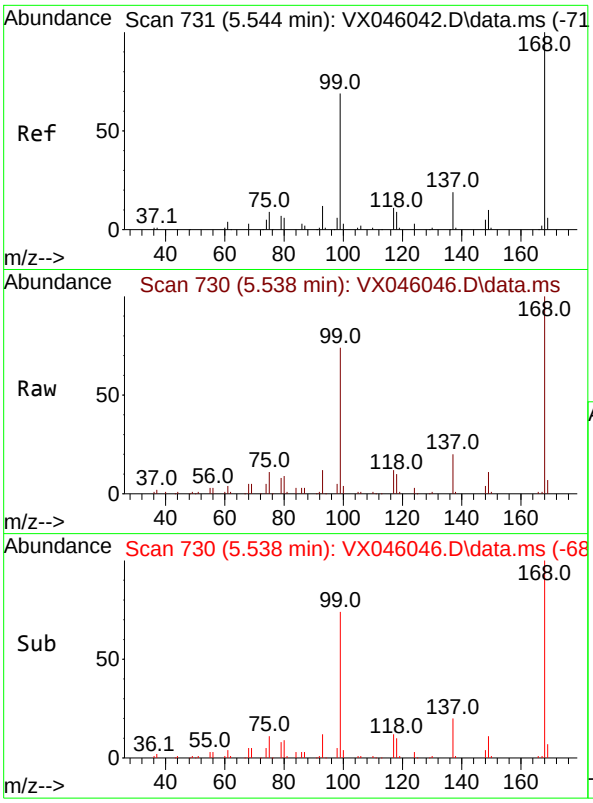
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



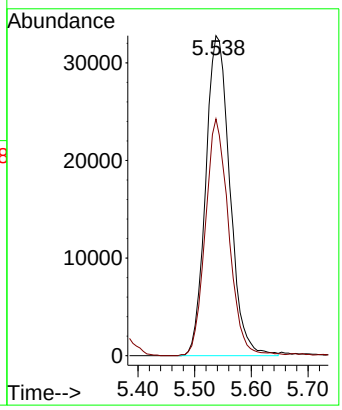


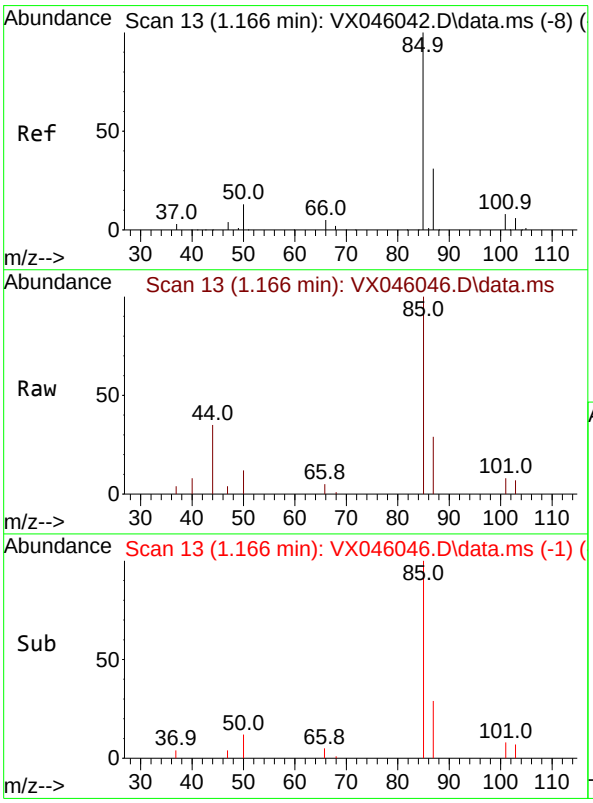
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 96964

Ion	Ratio	Lower	Upper
168	100		
99	74.0	54.9	82.3

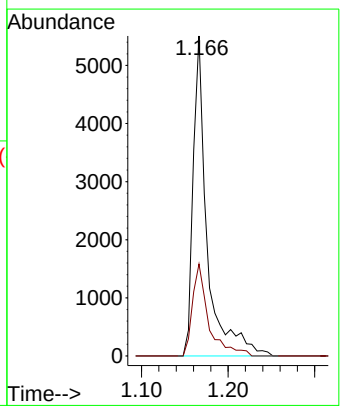


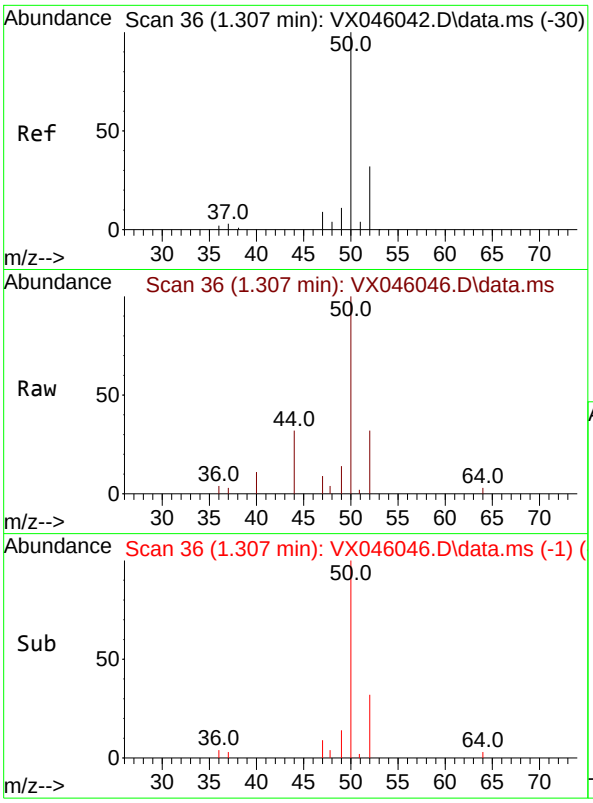


#2
Dichlorodifluoromethane
Concen: 2.894 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 85 Resp: 6195

Ion	Ratio	Lower	Upper
85	100		
87	28.7	15.7	47.1



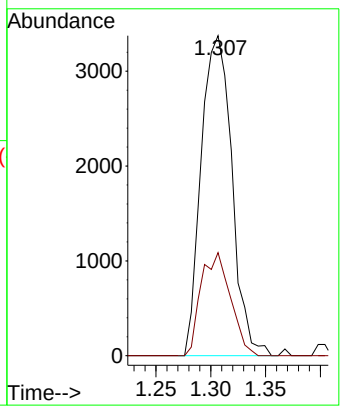


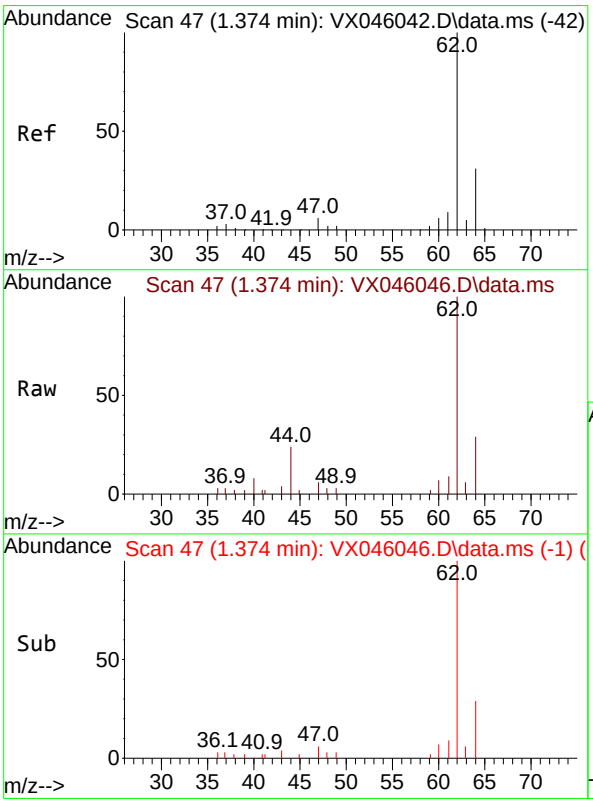
#3
Chloromethane
Concen: 3.125 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 6587

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.4	38.2

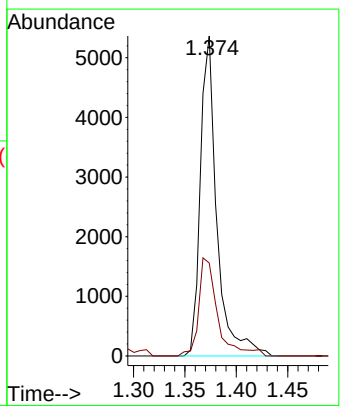


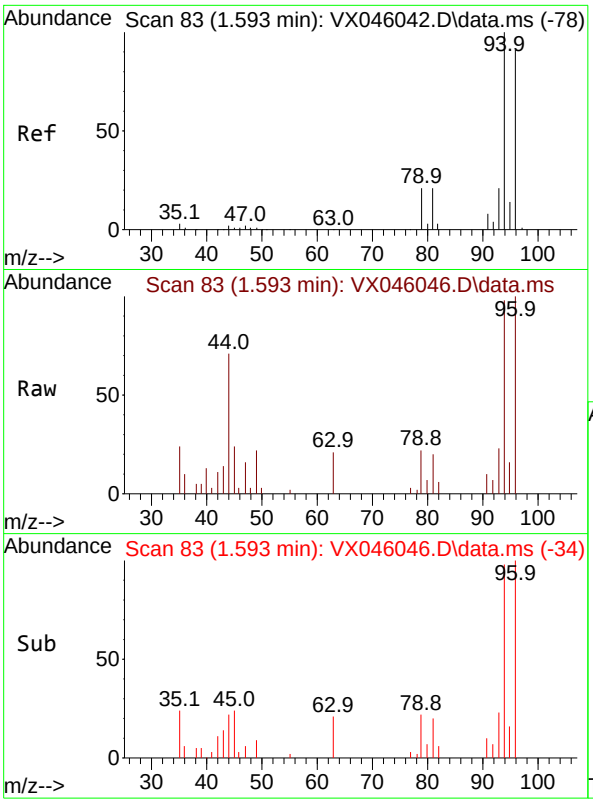


#4
Vinyl Chloride
Concen: 3.249 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 62 Resp: 5999

Ion	Ratio	Lower	Upper
62	100		
64	29.1	25.2	37.8



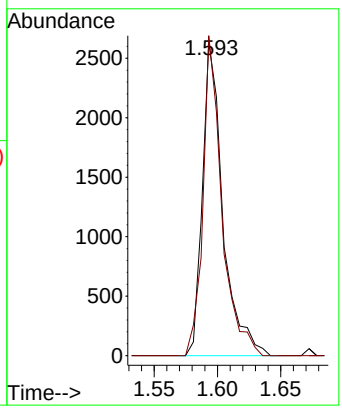


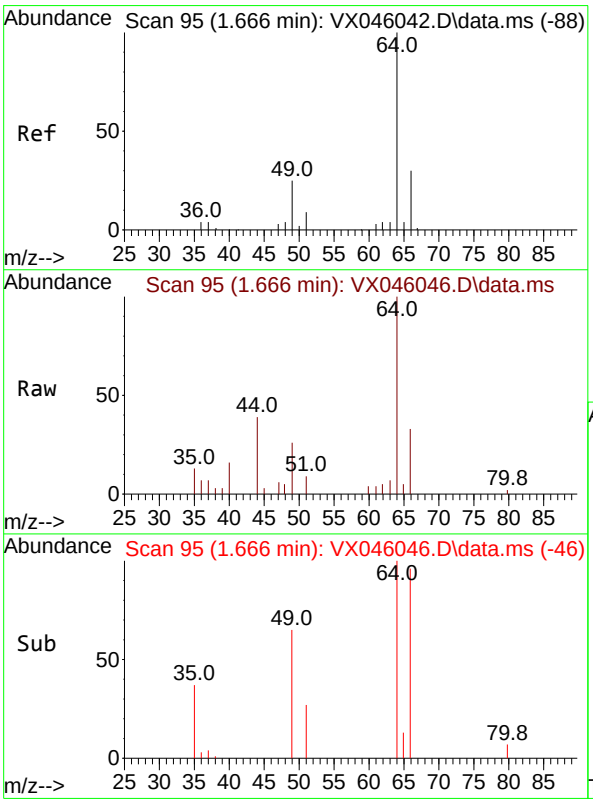
#5
Bromomethane
Concen: 3.164 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 2962

Ion	Ratio	Lower	Upper
94	100		
96	102.2	72.8	109.2

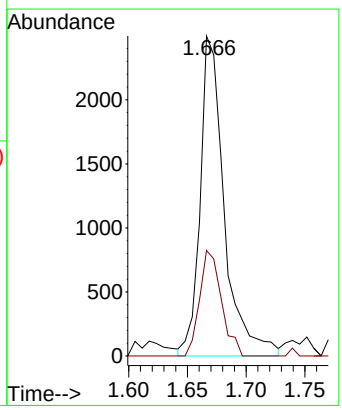


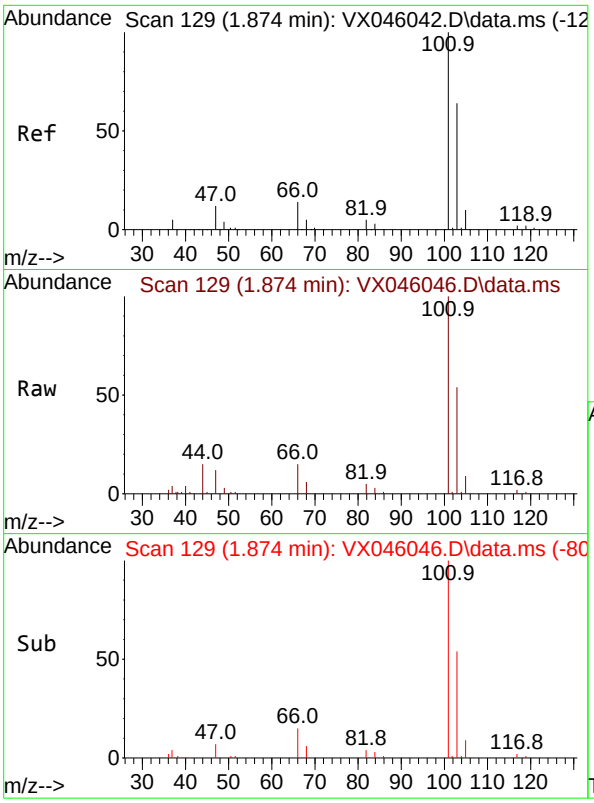


#6
Chloroethane
Concen: 3.750 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 64 Resp: 3567

Ion	Ratio	Lower	Upper
64	100		
66	33.7	24.3	36.5



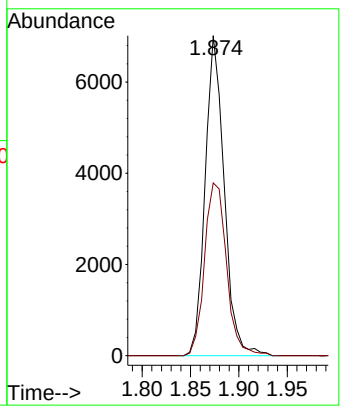


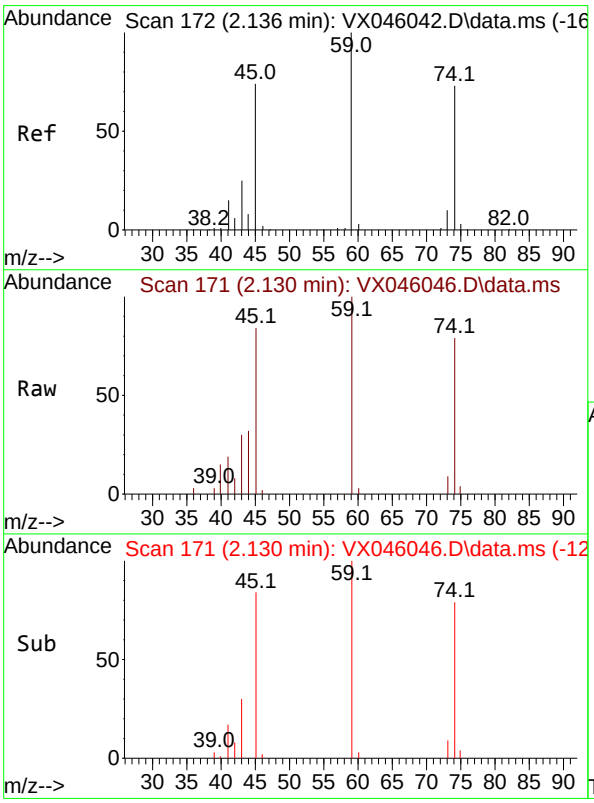
#7
Trichlorofluoromethane
Concen: 3.413 ug/l
RT: 1.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 9599

Ion	Ratio	Lower	Upper
101	100		
103	54.0	51.0	76.4

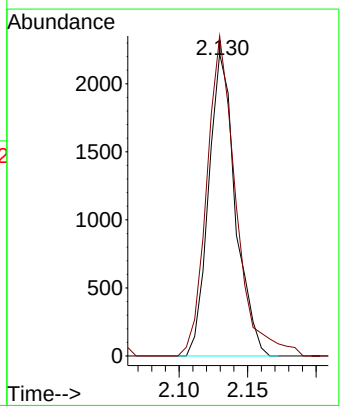


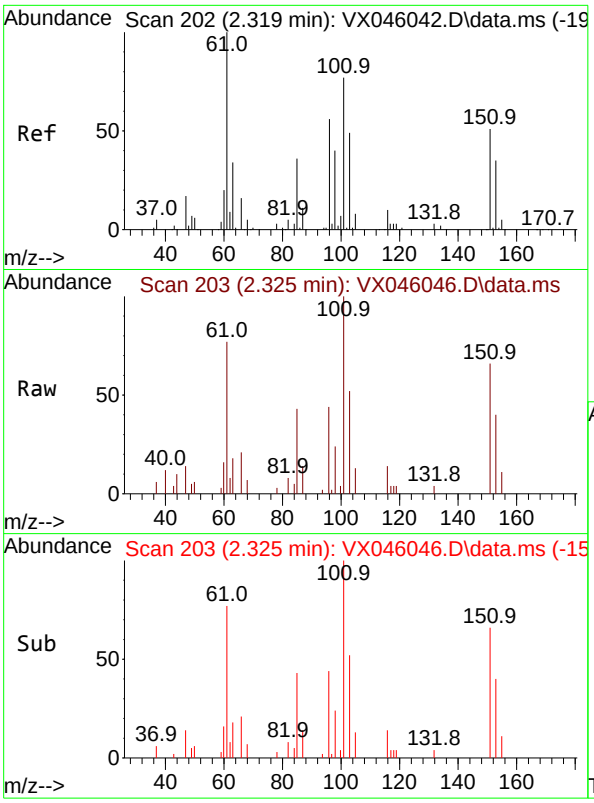


#8
Diethyl Ether
Concen: 3.266 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 74 Resp: 3020

Ion	Ratio	Lower	Upper
74	100		
45	115.1	54.9	164.8



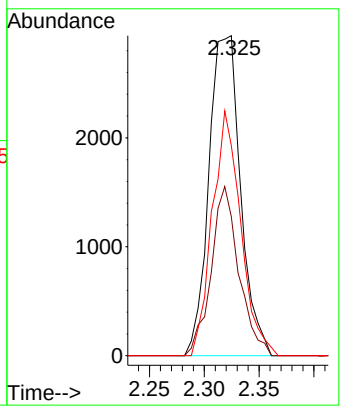


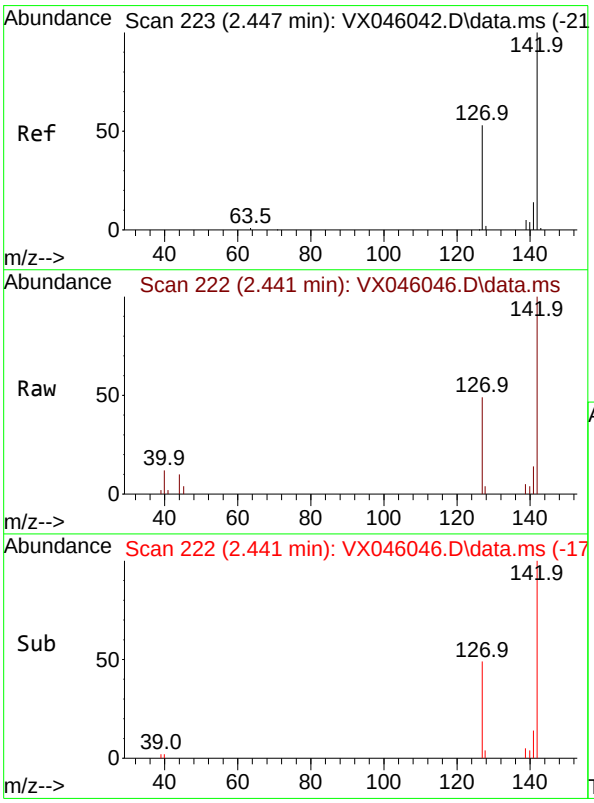
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.517 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 5911

Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.6	58.0
151	68.8	55.2	82.8

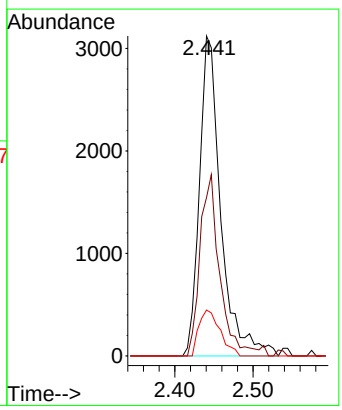


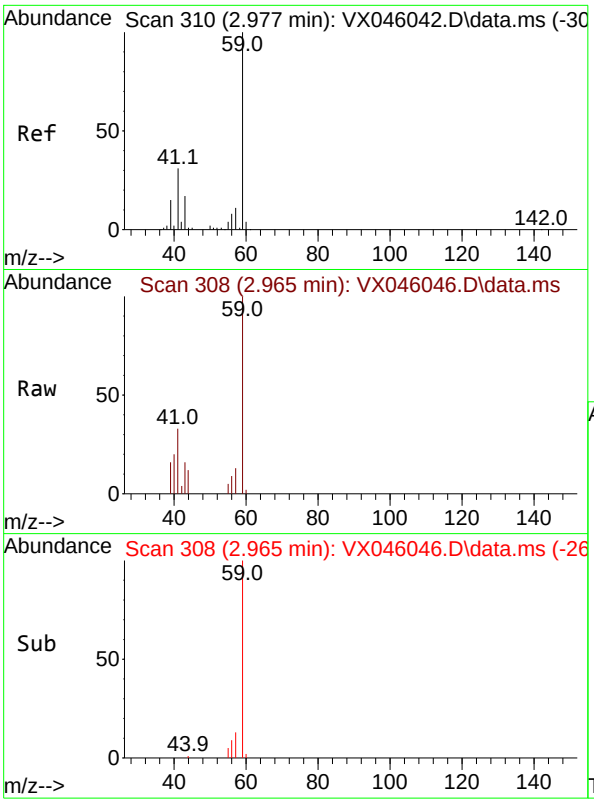


#10
Methyl Iodide
Concen: 2.990 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:142 Resp: 5900

Ion	Ratio	Lower	Upper
142	100		
127	52.8	41.7	62.5
141	14.3	11.5	17.3



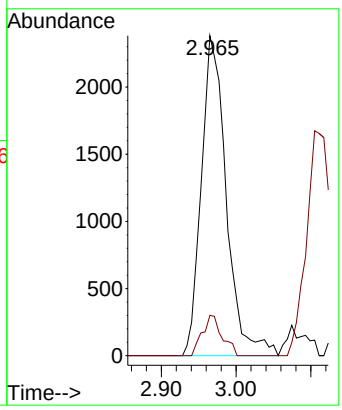


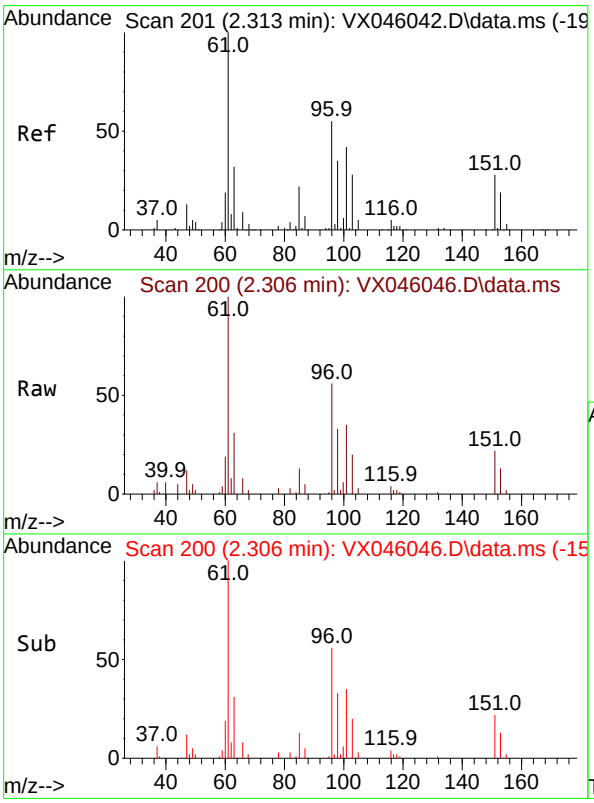
#11
Tert butyl alcohol
Concen: 16.111 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 5539

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

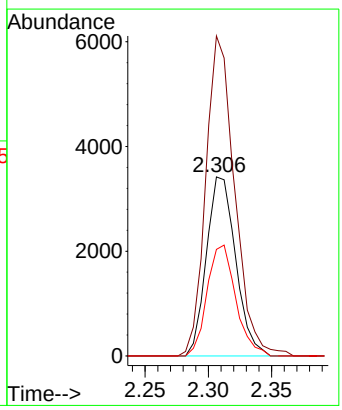


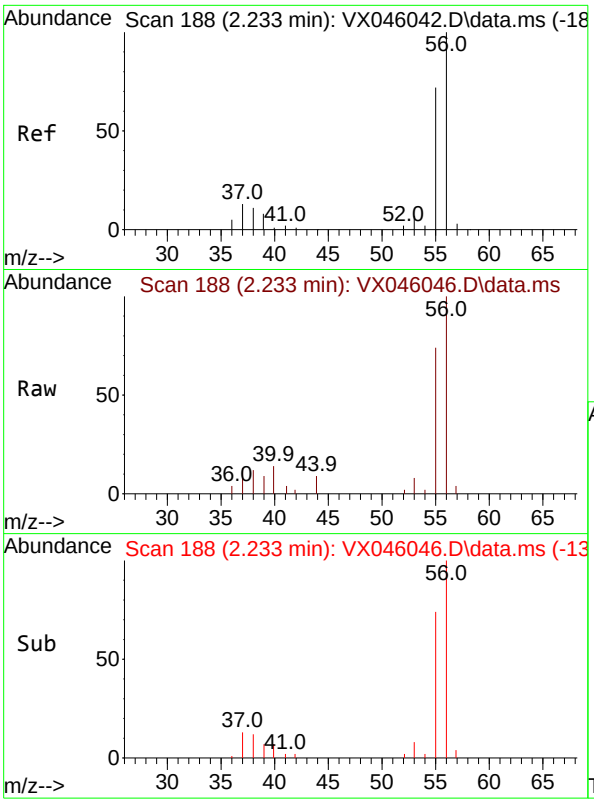


#12
1,1-Dichloroethene
Concen: 3.359 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 96 Resp: 5496

Ion	Ratio	Lower	Upper
96	100		
61	178.7	146.2	219.2
98	59.5	51.0	76.6



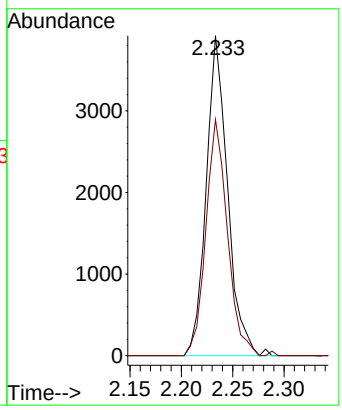


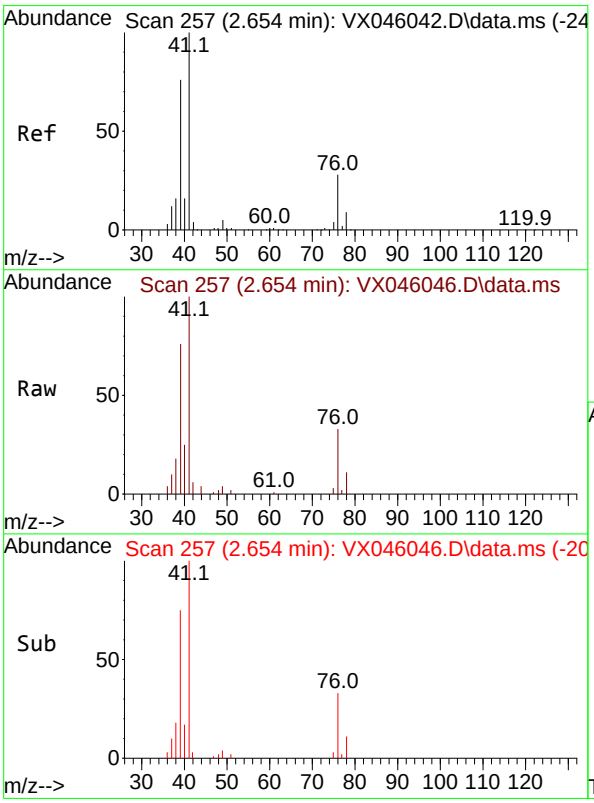
#13
Acrolein
Concen: 14.206 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5673

Ion	Ratio	Lower	Upper
56	100		
55	74.5	56.2	84.4

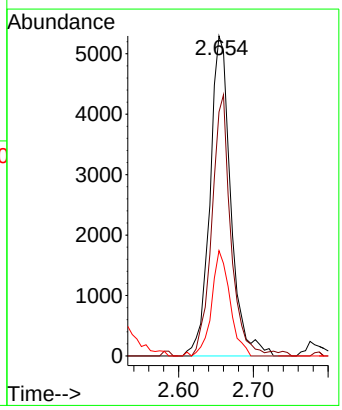


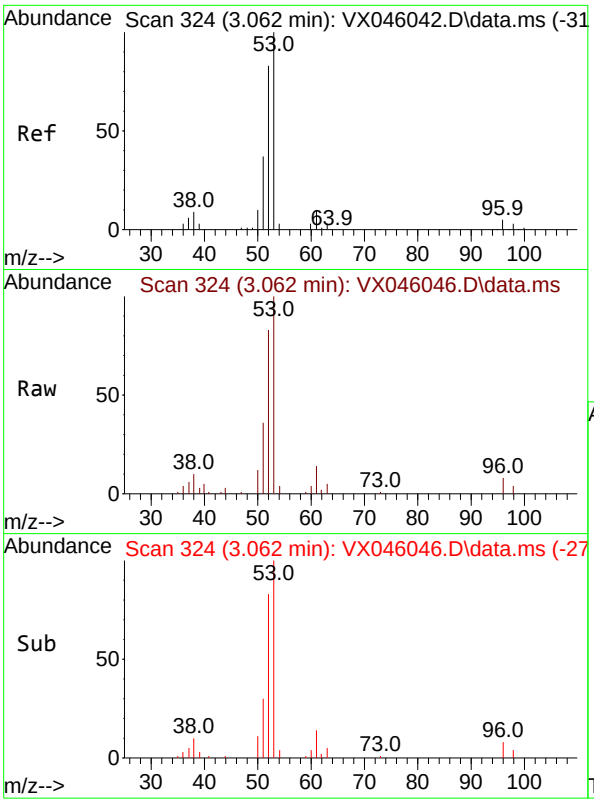


#14
Allyl chloride
Concen: 3.319 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 41 Resp: 10262

Ion	Ratio	Lower	Upper
41	100		
39	74.1	60.6	90.8
76	29.1	24.9	37.3



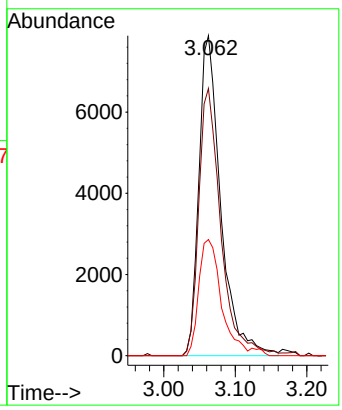


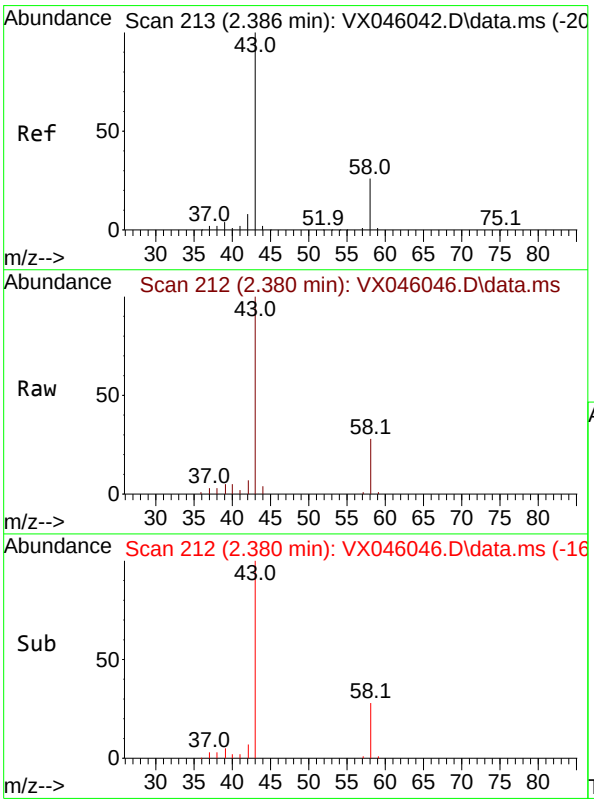
#15
Acrylonitrile
Concen: 16.282 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 16746

Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	38.5	29.8	44.8

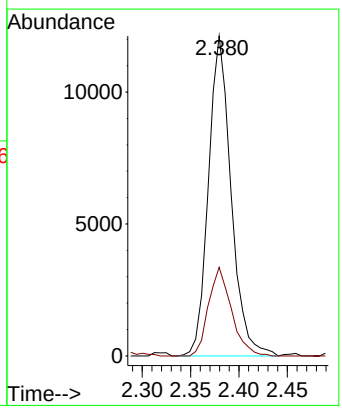


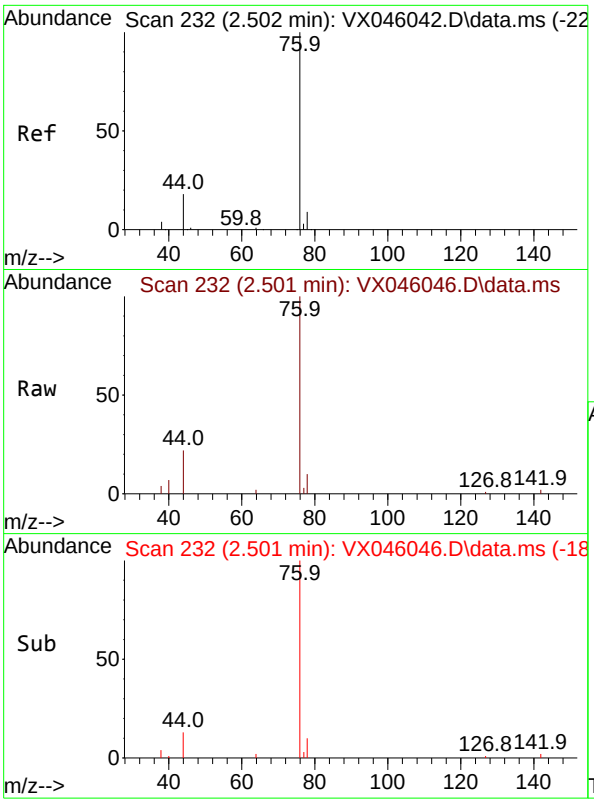


#16
Acetone
Concen: 20.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 19773

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.2	31.8



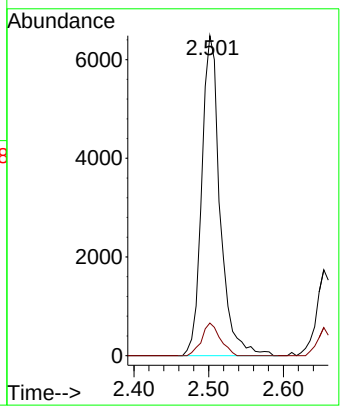


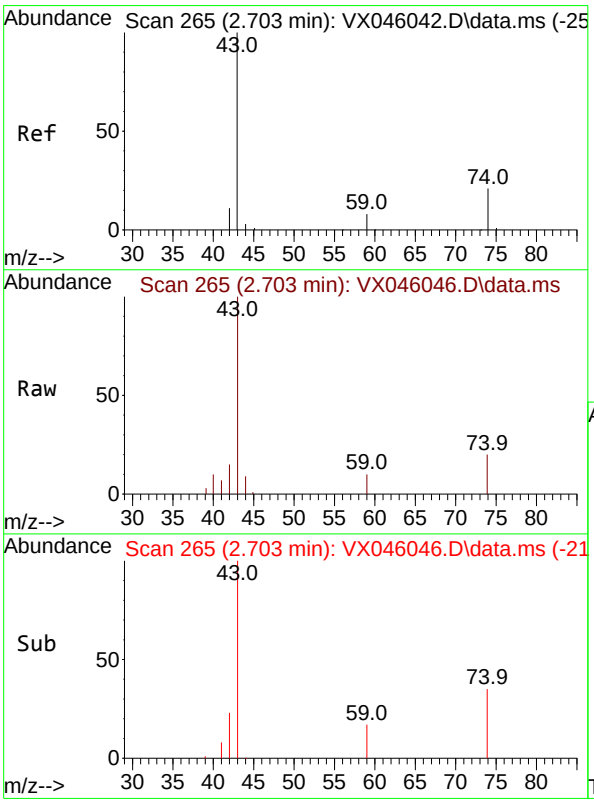
#17
Carbon Disulfide
Concen: 2.919 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 11068

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.0	10.4

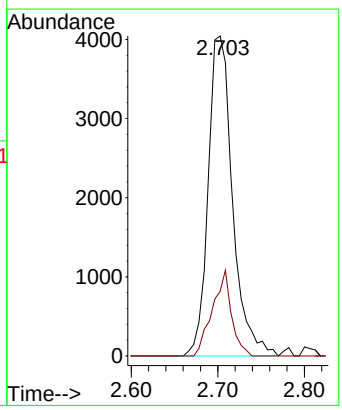


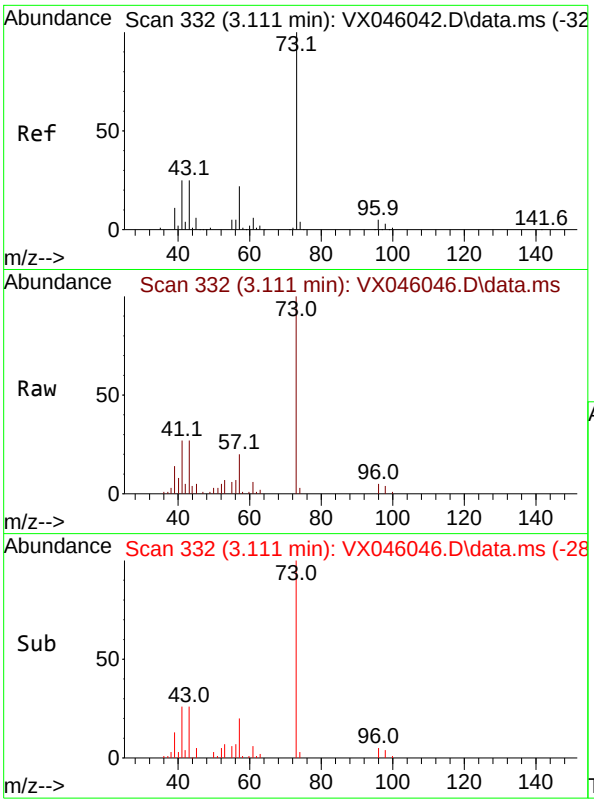


#18
Methyl Acetate
Concen: 3.357 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 7909

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1



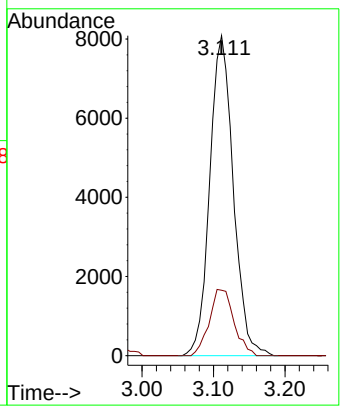


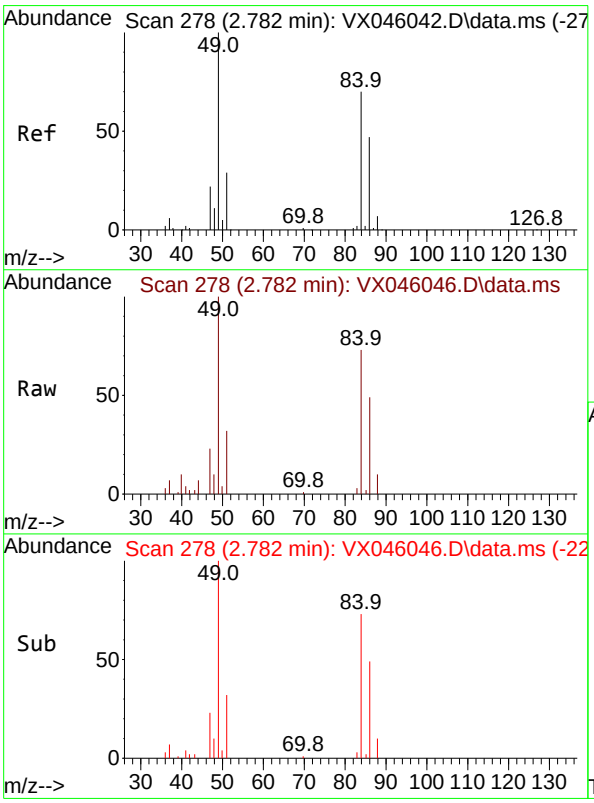
#19
Methyl tert-butyl Ether
Concen: 3.241 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 18497

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.7	26.5

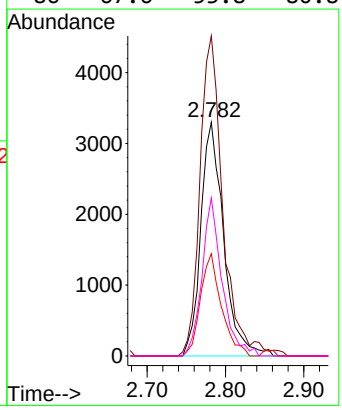


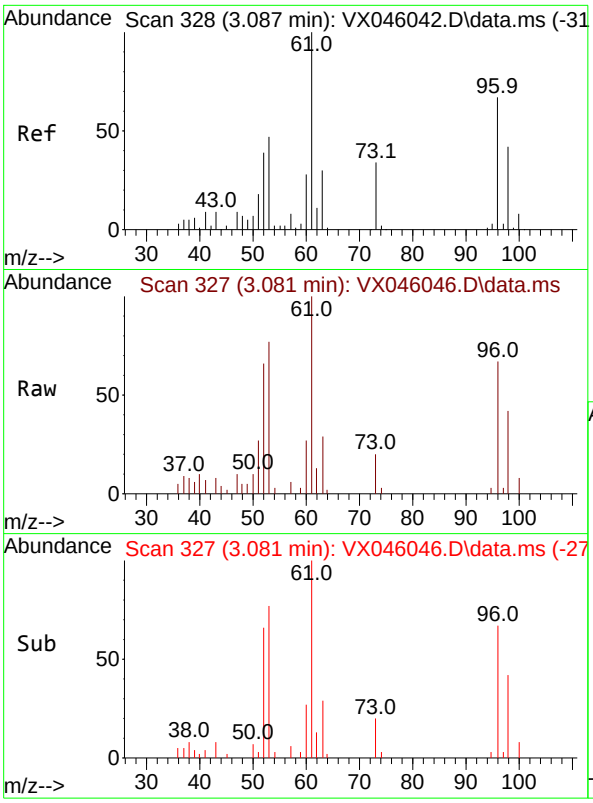


#20
Methylene Chloride
Concen: 3.341 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 84 Resp: 6680

Ion	Ratio	Lower	Upper
84	100		
49	137.0	113.9	170.9
51	43.8	33.5	50.3
86	67.6	53.8	80.8



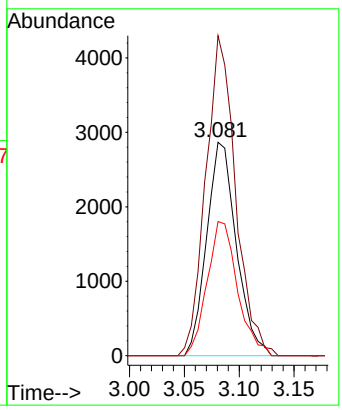


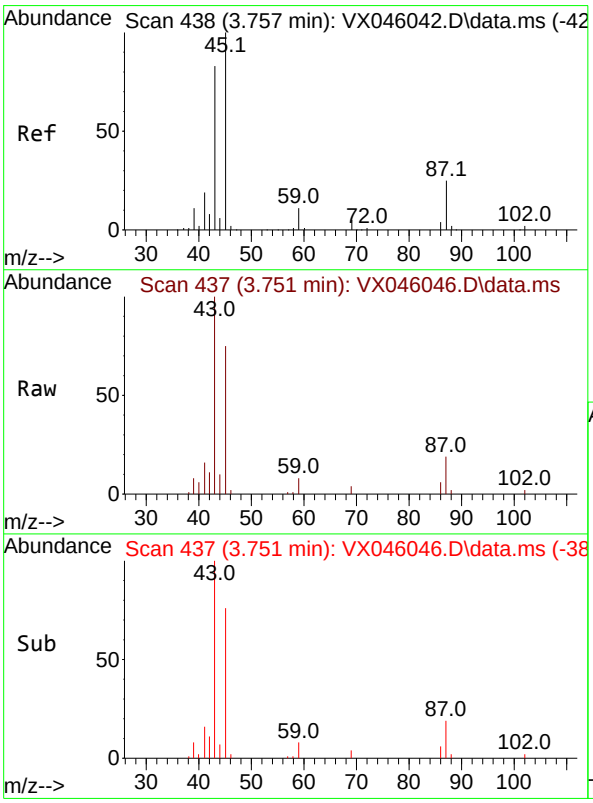
#21
trans-1,2-Dichloroethene
Concen: 3.234 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 5402

Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.5	179.3
98	62.9	50.0	75.0

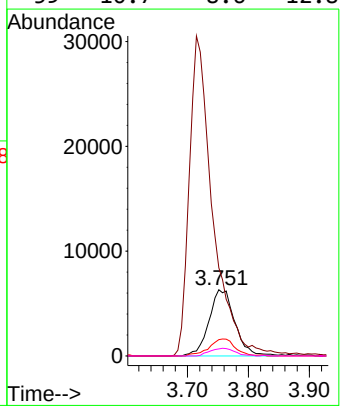


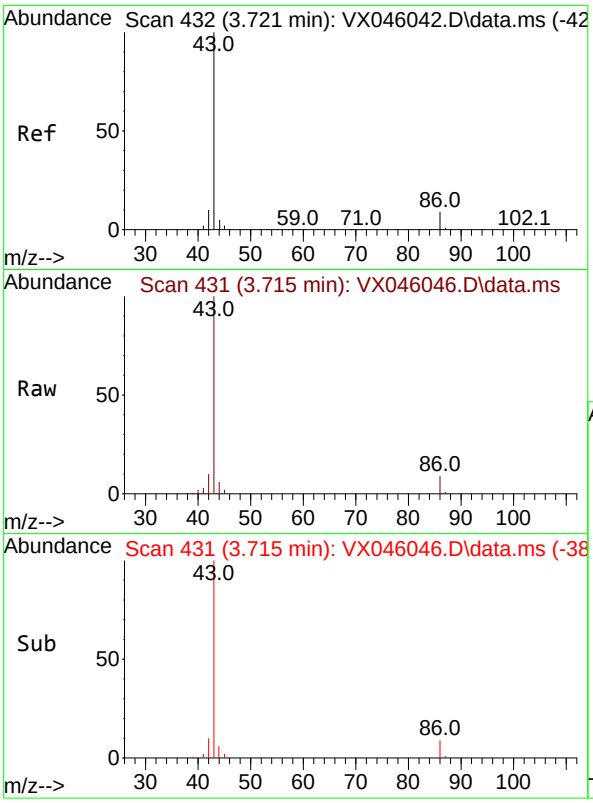


#22
Diisopropyl ether
Concen: 3.230 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 45 Resp: 18657

Ion	Ratio	Lower	Upper
45	100		
43	128.0	66.6	100.0#
87	24.7	19.8	29.6
59	10.7	8.6	12.8



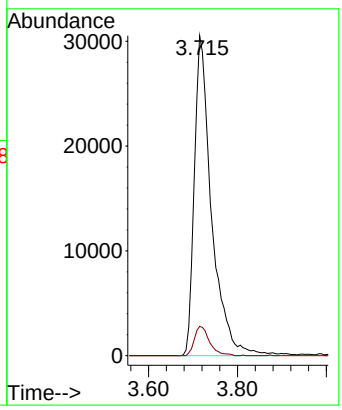


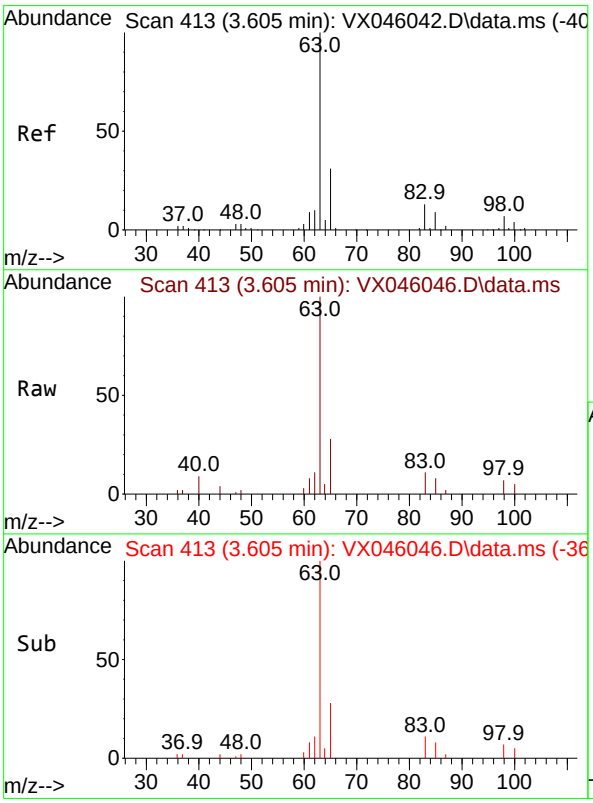
#23
Vinyl Acetate
Concen: 16.127 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 82328

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.5	11.3

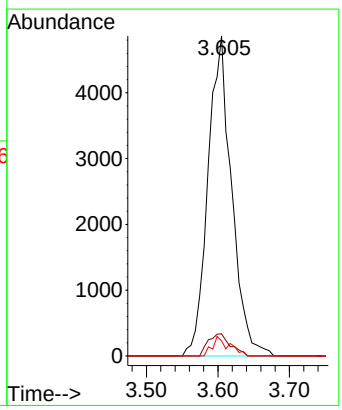


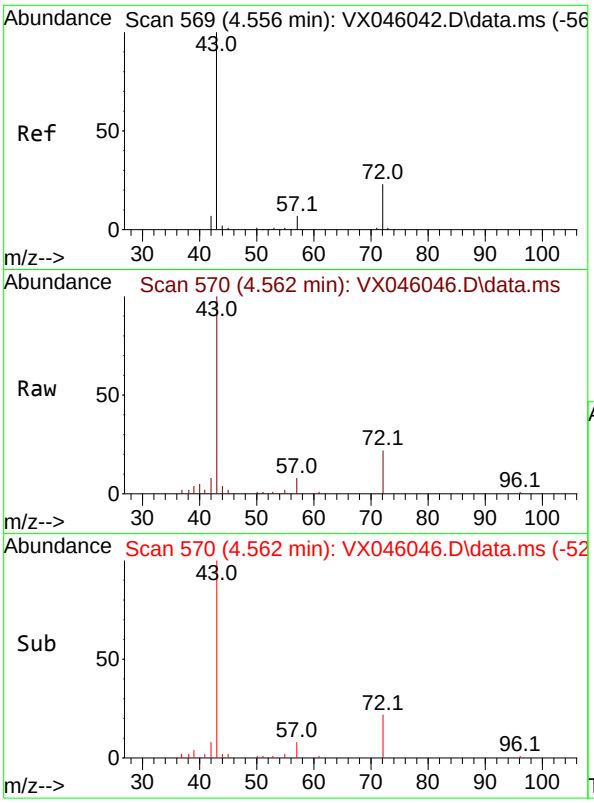


#24
1,1-Dichloroethane
Concen: 3.297 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 11193

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	4.7	2.1	6.3



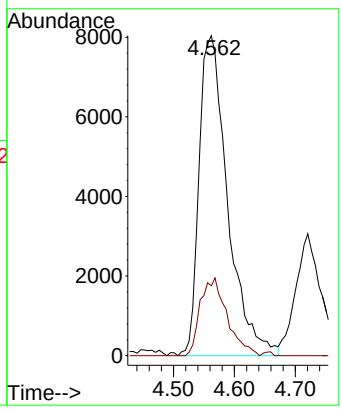


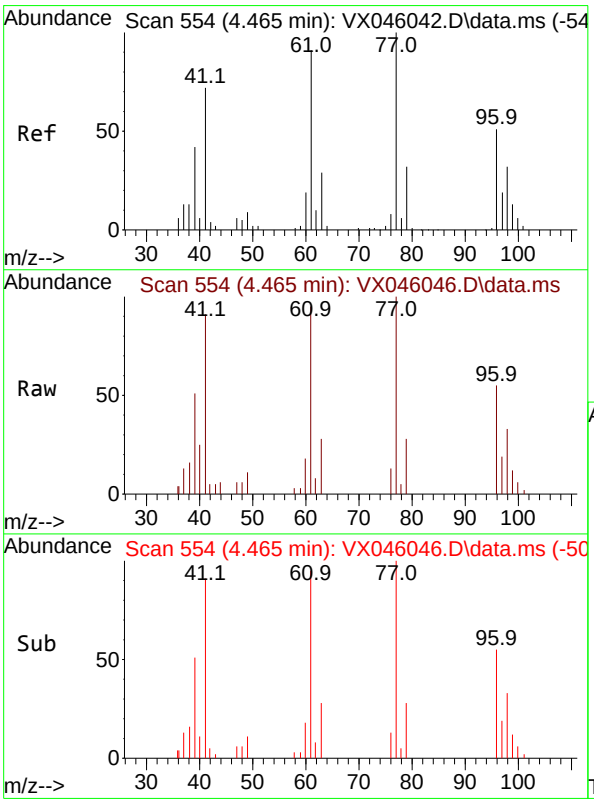
#25
2-Butanone
Concen: 18.340 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 26125

Ion	Ratio	Lower	Upper
43	100		
72	21.8	18.4	27.6

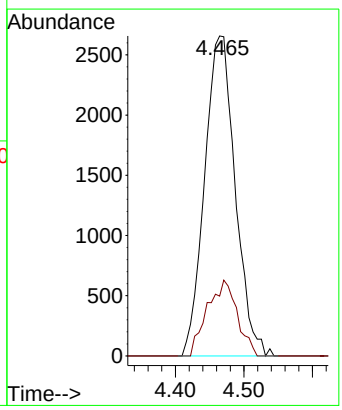


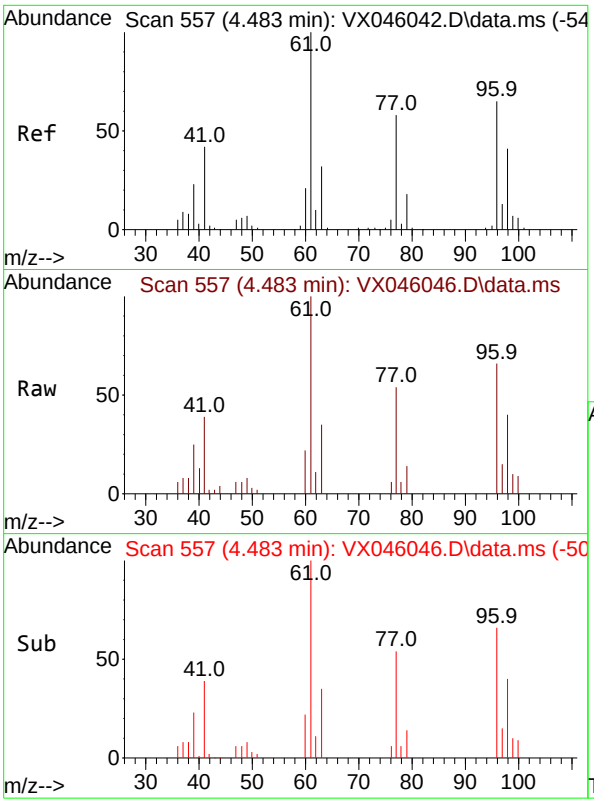


#26
2,2-Dichloropropane
Concen: 3.205 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 77 Resp: 8245

Ion	Ratio	Lower	Upper
77	100		
97	23.1	10.5	31.5



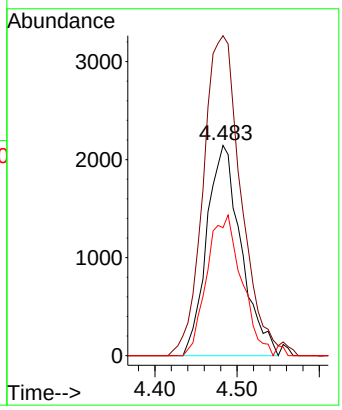


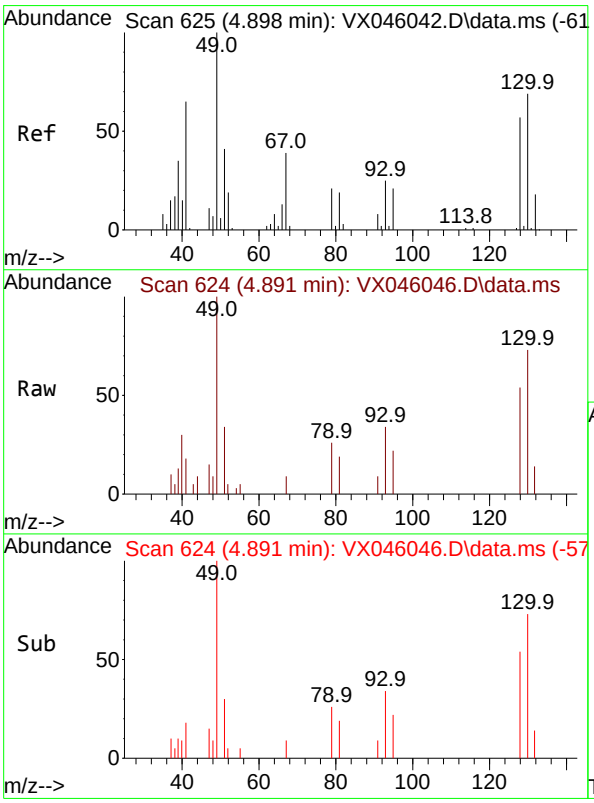
#27
cis-1,2-Dichloroethene
Concen: 3.089 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 6222

Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	322.8
98	67.6	0.0	129.0

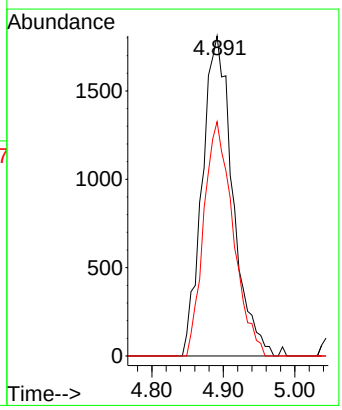


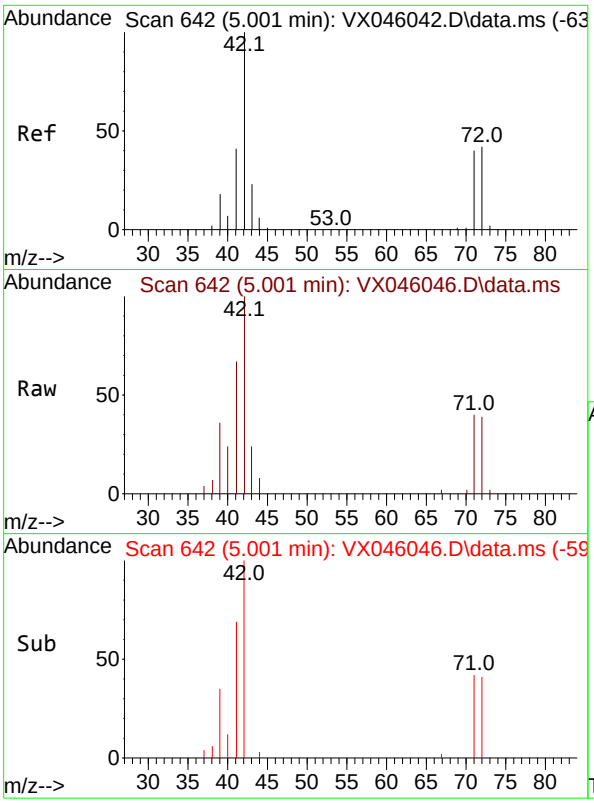


#28
Bromochloromethane
Concen: 2.969 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 49 Resp: 5360

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	70.5	56.2	84.2



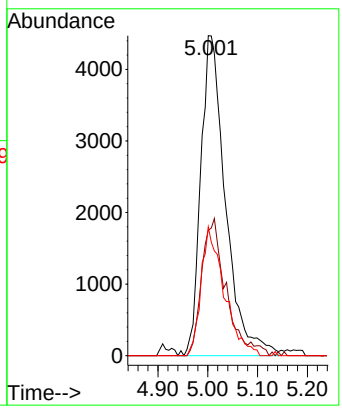


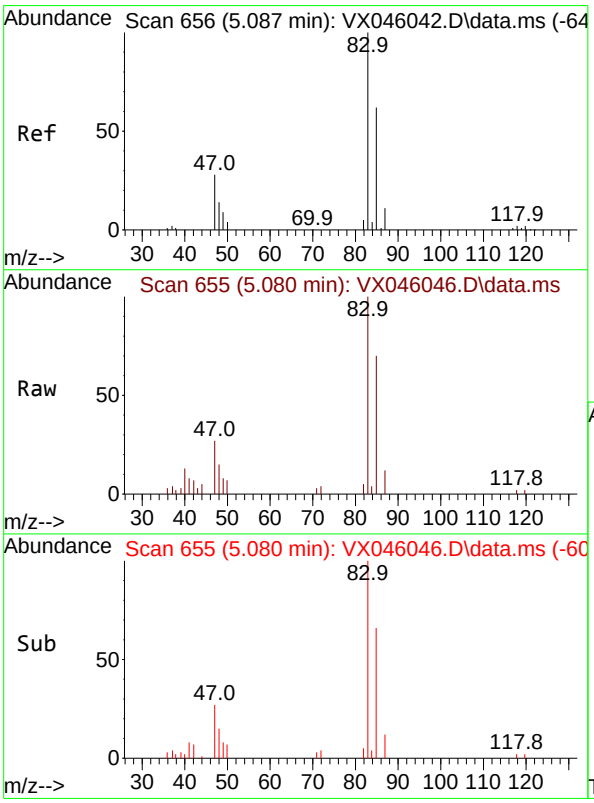
#29
Tetrahydrofuran
Concen: 16.680 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 15431

Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.7	50.5
71	37.4	31.4	47.2

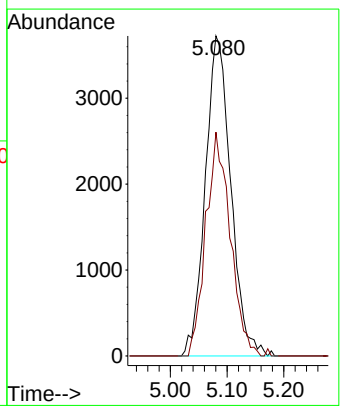


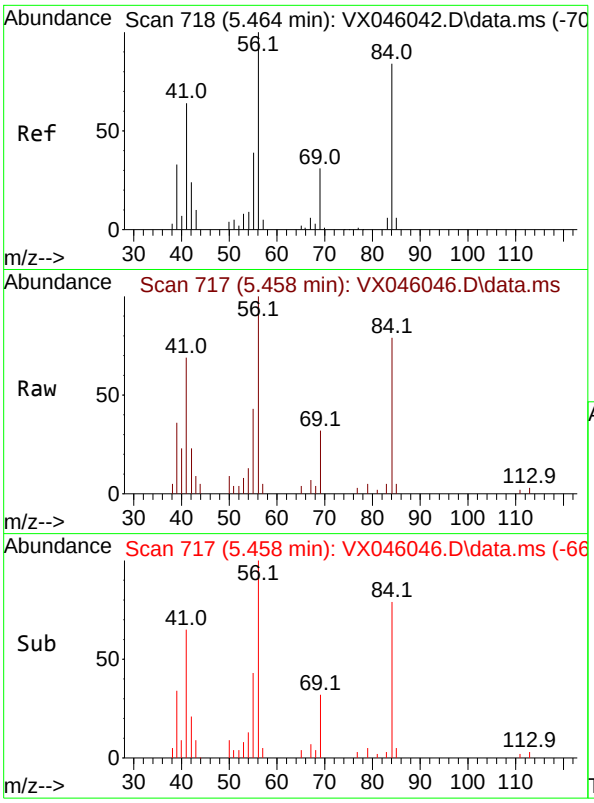


#30
Chloroform
Concen: 3.294 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 83 Resp: 11624

Ion	Ratio	Lower	Upper
83	100		
85	69.9	49.3	73.9



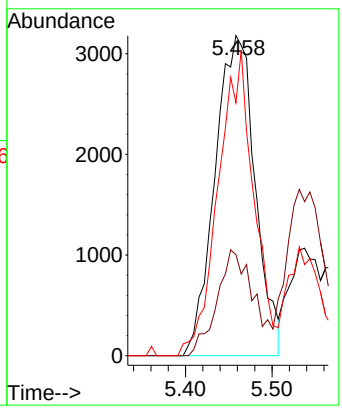


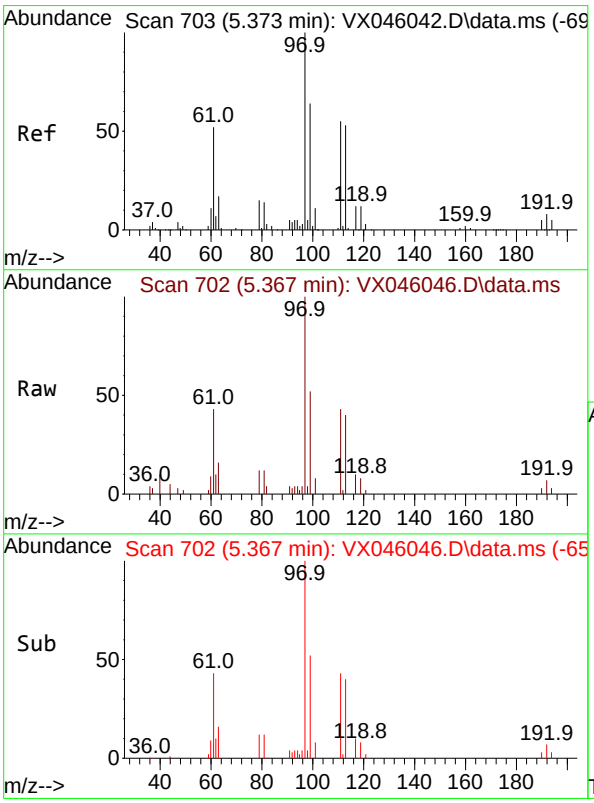
#31
Cyclohexane
Concen: 3.588 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 10269

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.4	36.6
84	79.1	66.9	100.3

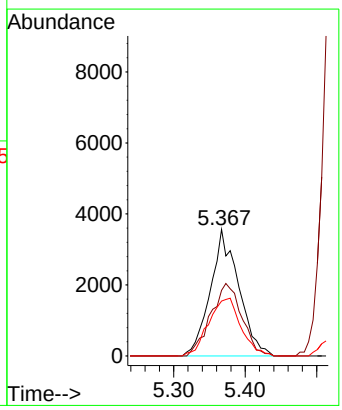


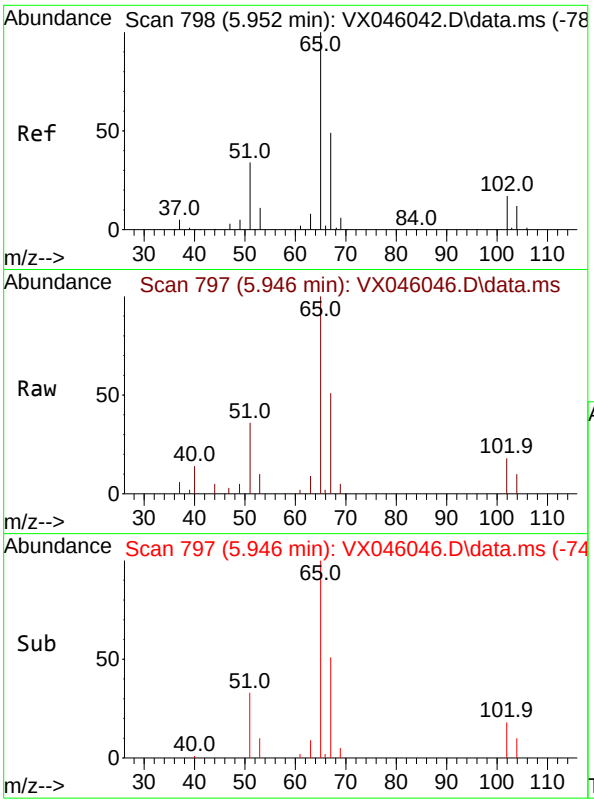


#32
1,1,1-Trichloroethane
Concen: 3.229 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 97 Resp: 9827

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.8	77.6
61	51.8	40.1	60.1



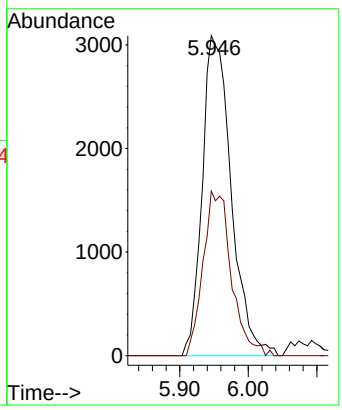


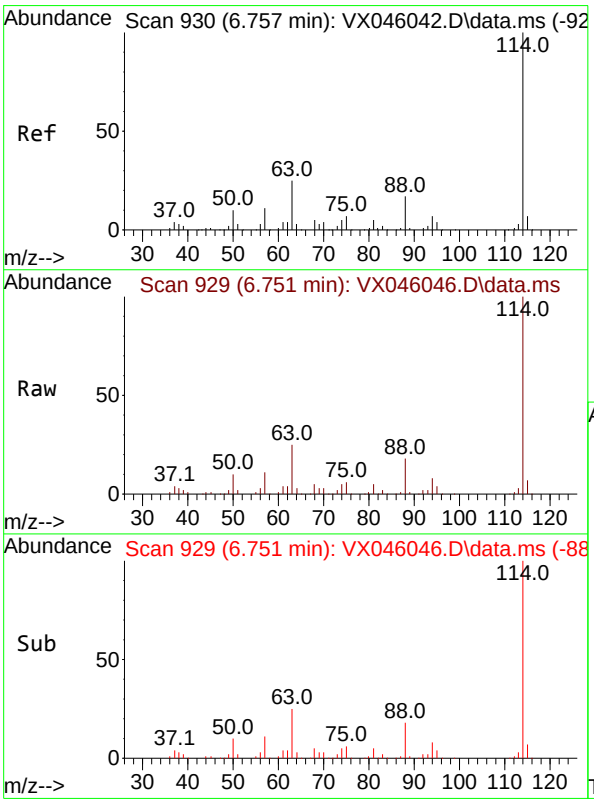
#33
1,2-Dichloroethane-d4
Concen: 3.143 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 9067

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0

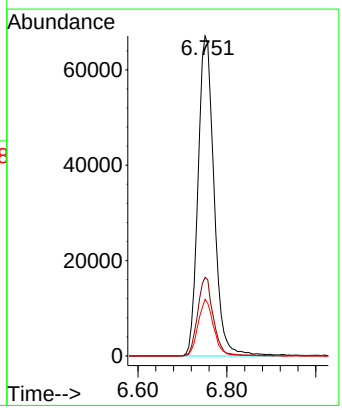


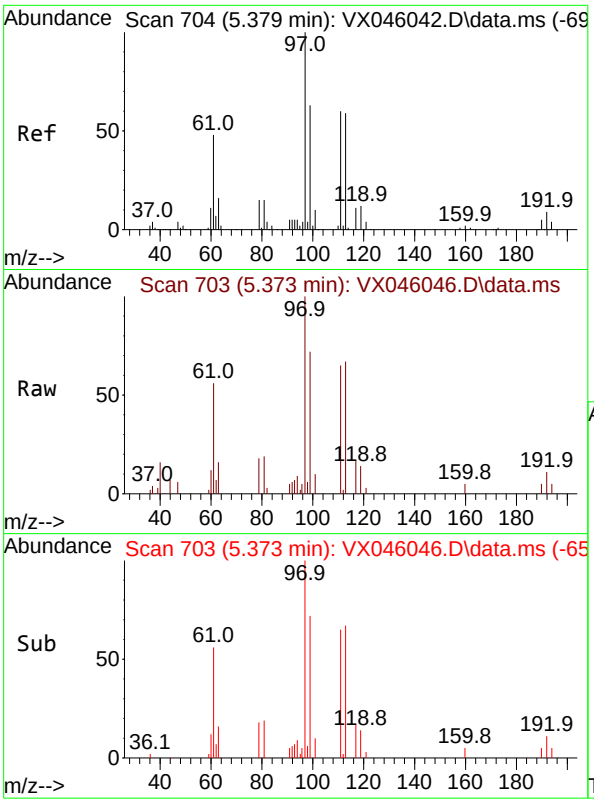


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:114 Resp: 168484

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	17.7	0.0	33.6



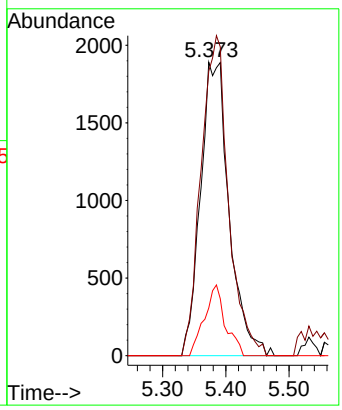


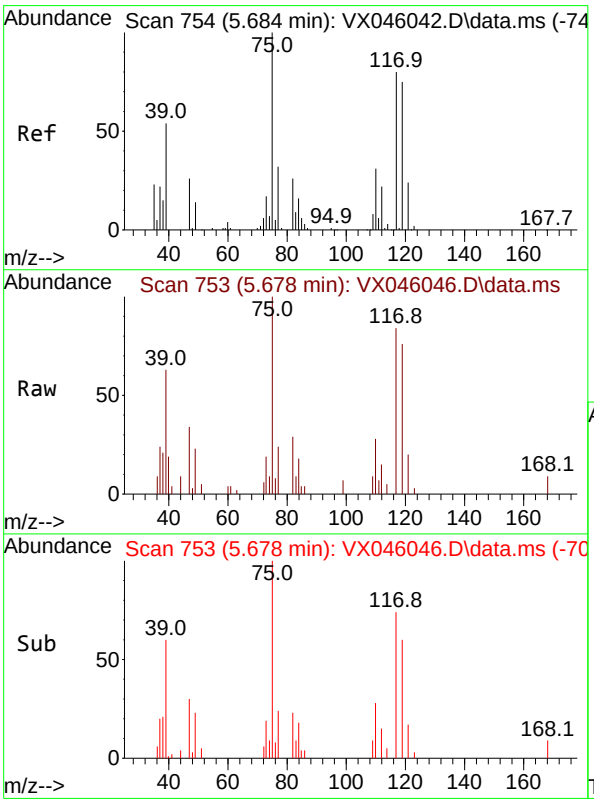
#35
Dibromofluoromethane
Concen: 3.161 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 5969

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	17.5	13.3	19.9

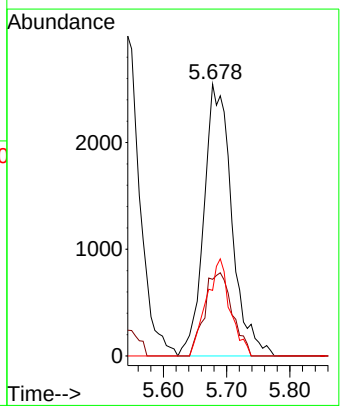


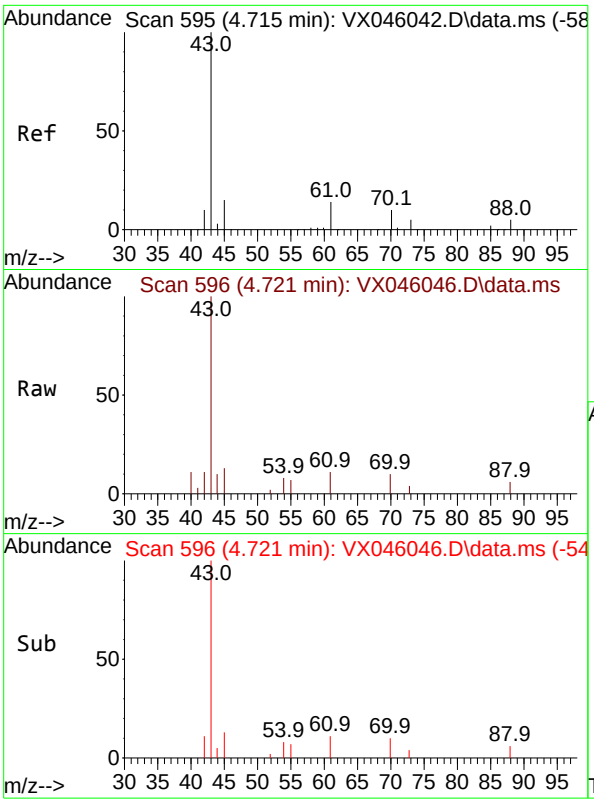


#36
1,1-Dichloropropene
Concen: 3.551 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7787

Ion	Ratio	Lower	Upper
75	100		
110	30.6	16.3	48.9
77	30.5	24.3	36.5



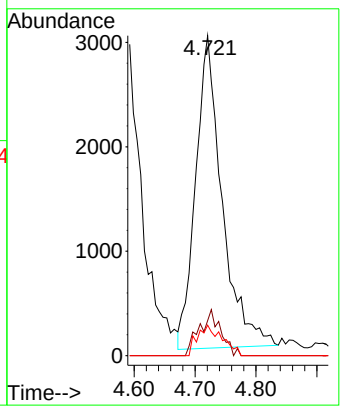


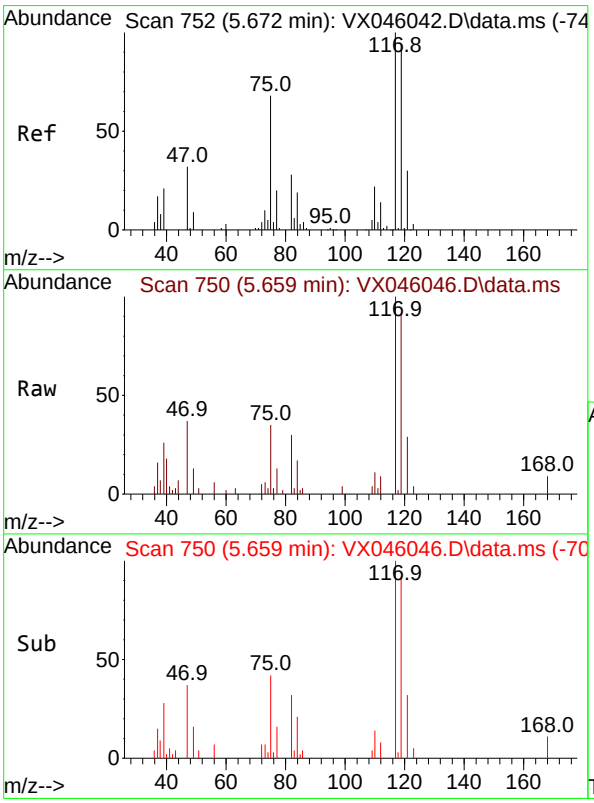
#37
Ethyl Acetate
Concen: 3.279 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 9021

Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.3	15.5
70	9.2	7.9	11.9

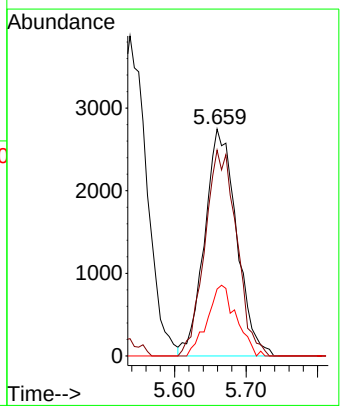


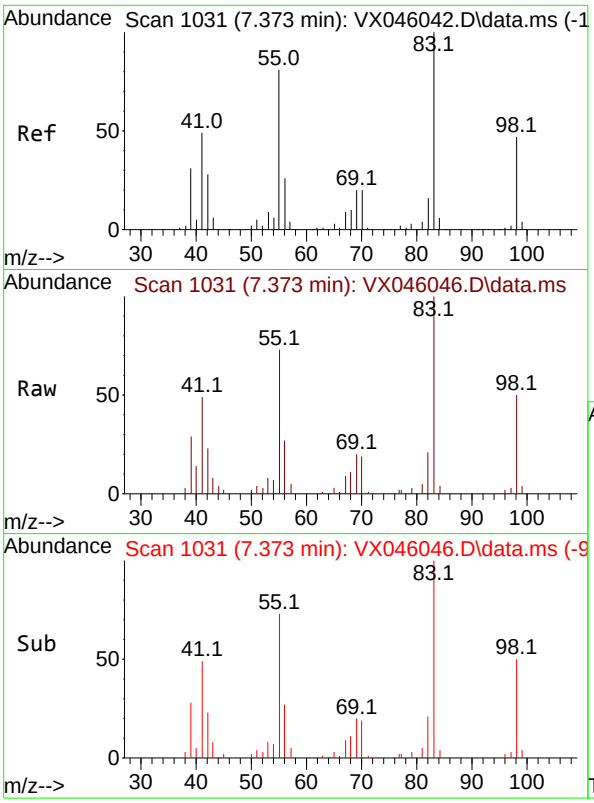


#38
Carbon Tetrachloride
Concen: 3.376 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 8505

Ion	Ratio	Lower	Upper
117	100		
119	90.6	75.2	112.8
121	29.5	24.2	36.4



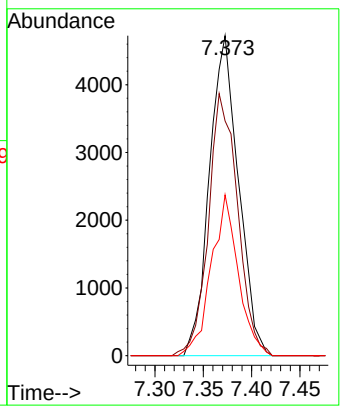


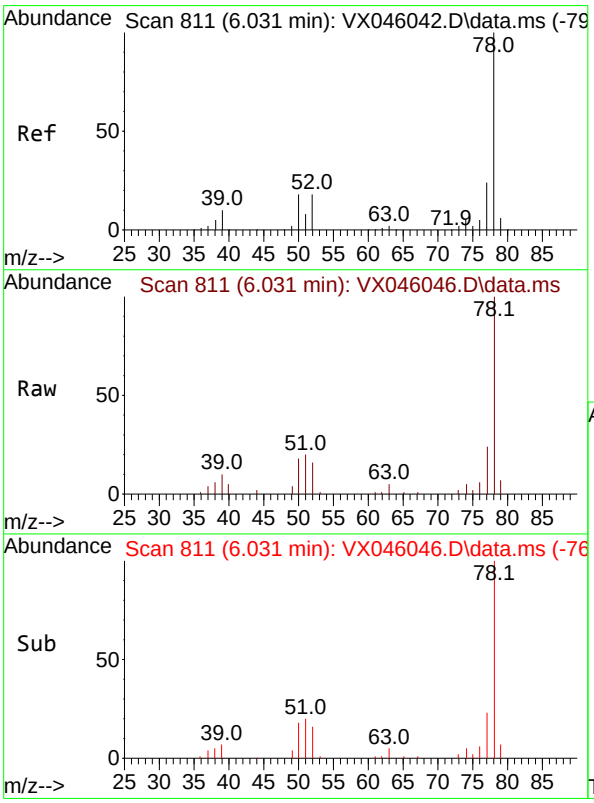
#39
Methylcyclohexane
Concen: 3.597 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9882

Ion	Ratio	Lower	Upper
83	100		
55	73.3	64.7	97.1
98	50.3	37.4	56.2

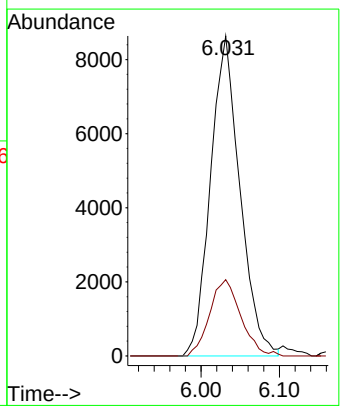


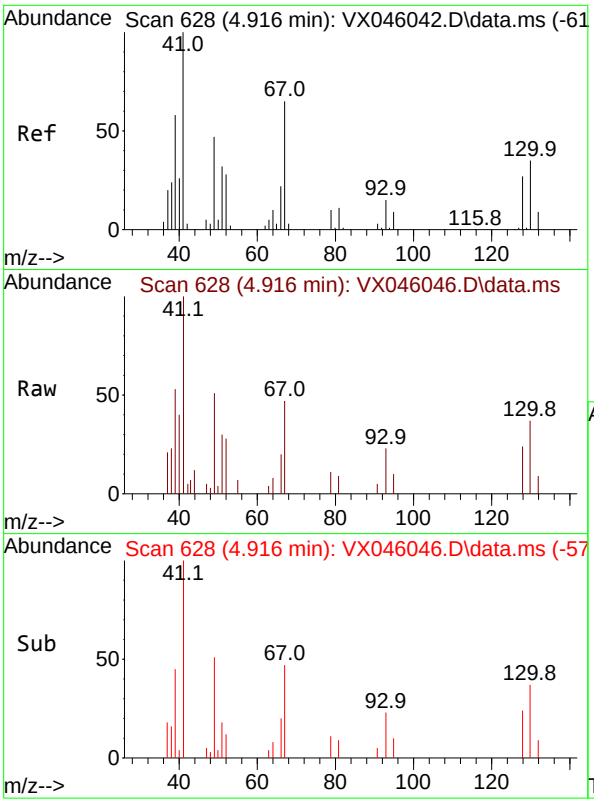


#40
Benzene
Concen: 3.315 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 78 Resp: 22528

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4



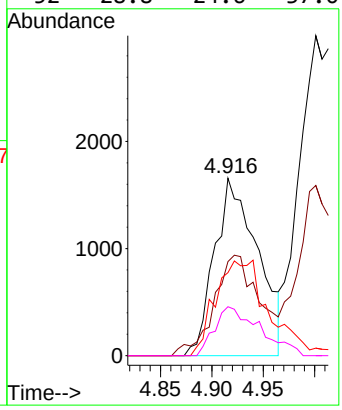


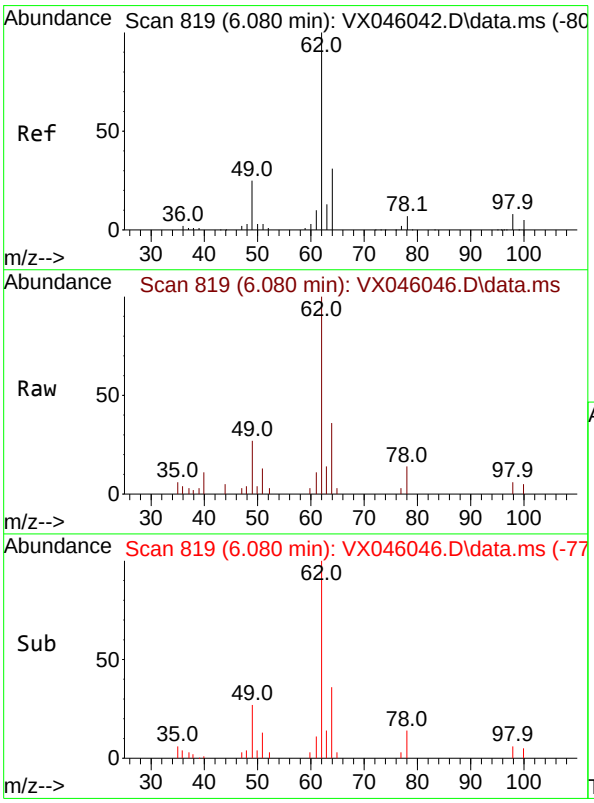
#41
Methacrylonitrile
Concen: 3.174 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4851

Ion	Ratio	Lower	Upper
41	100		
39	59.7	47.2	70.8
67	0.0	50.7	76.1#
52	28.8	24.6	37.0

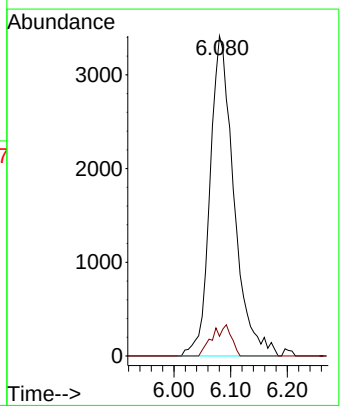


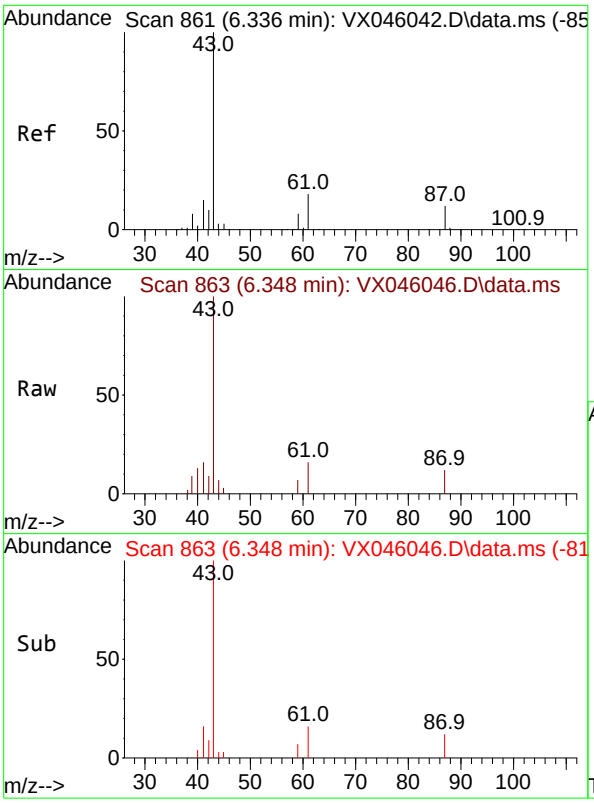


#42
1,2-Dichloroethane
Concen: 3.563 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 62 Resp: 10011

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.2



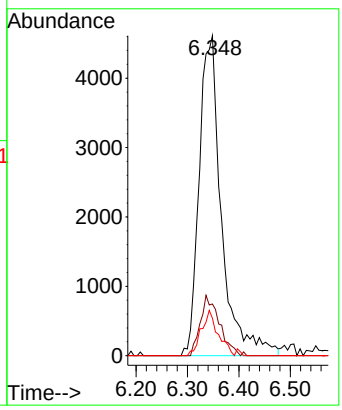


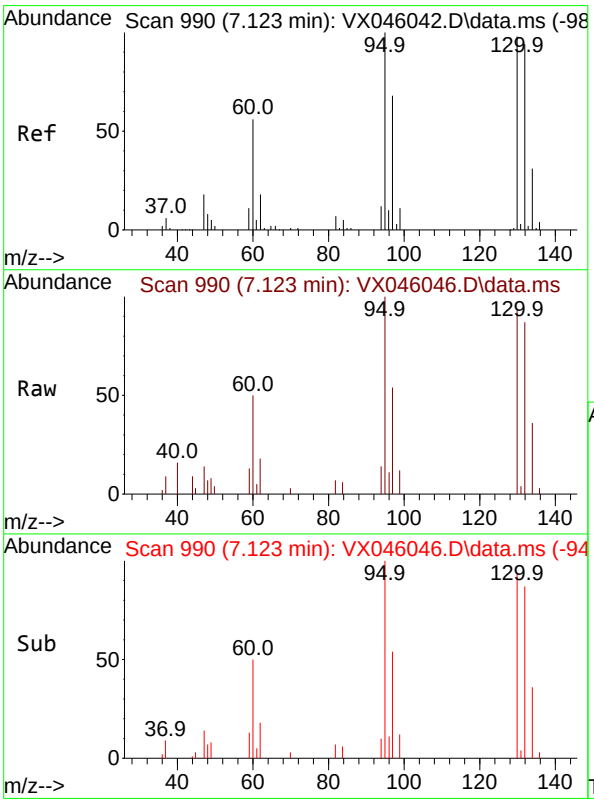
#43
Isopropyl Acetate
Concen: 3.309 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13914

Ion	Ratio	Lower	Upper
43	100		
61	16.2	14.3	21.5
87	10.6	9.5	14.3

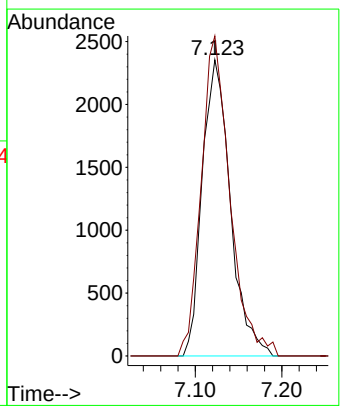


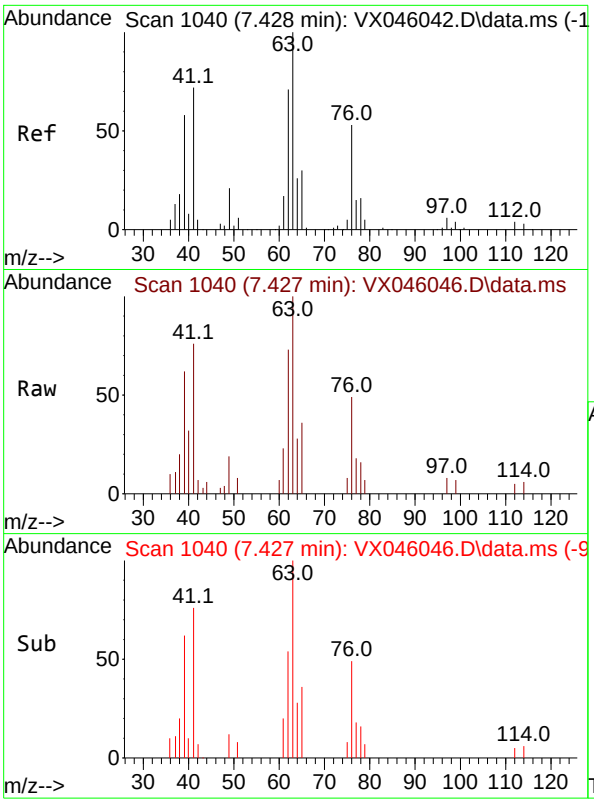


#44
Trichloroethene
Concen: 3.307 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:130 Resp: 5313

Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	204.2



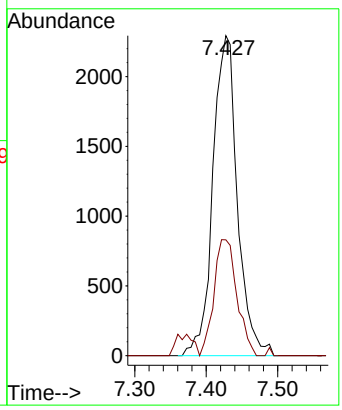


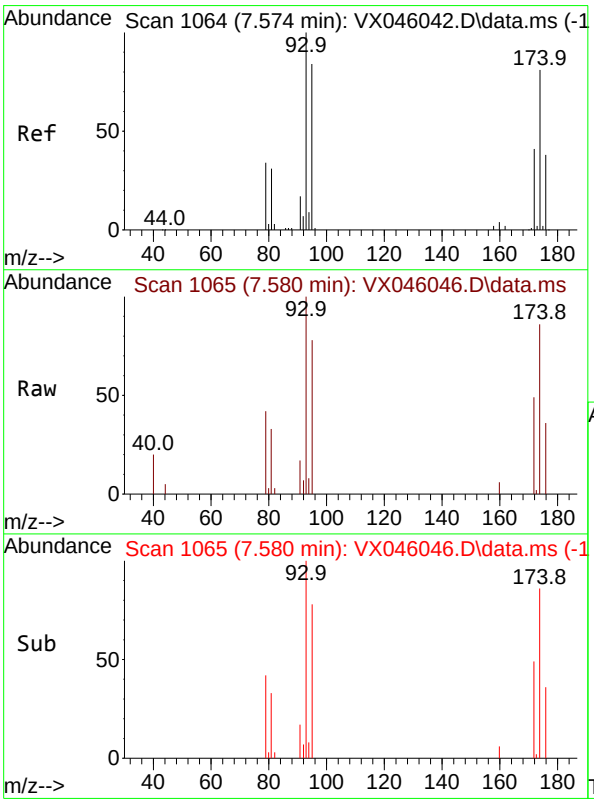
#45
1,2-Dichloropropane
Concen: 3.228 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 5451

Ion	Ratio	Lower	Upper
63	100		
65	36.2	24.1	36.1#

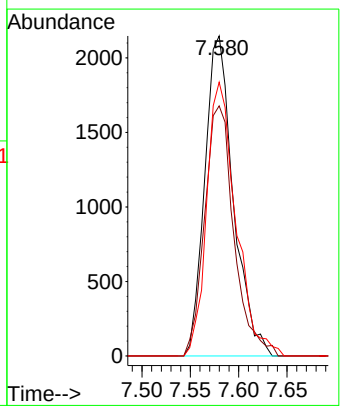


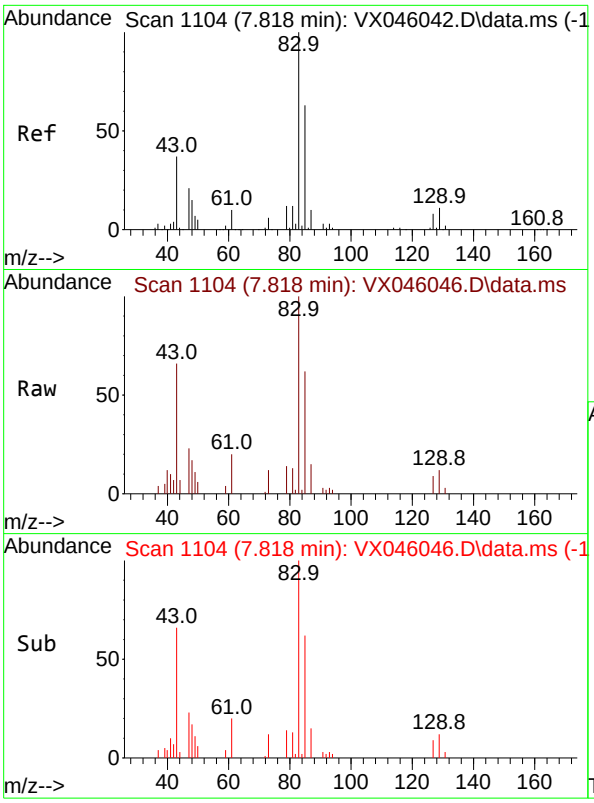


#46
Dibromomethane
Concen: 3.318 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 93 Resp: 4417

Ion	Ratio	Lower	Upper
93	100		
95	80.1	65.6	98.4
174	87.6	68.2	102.2



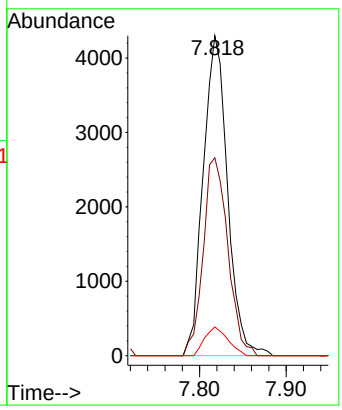


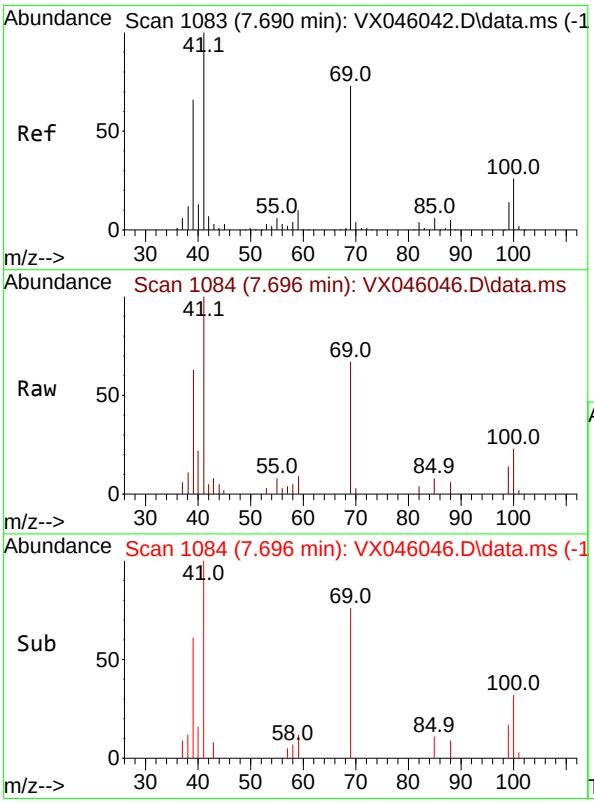
#47
Bromodichloromethane
Concen: 3.254 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 8394

Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.5	75.7
127	9.0	6.5	9.7

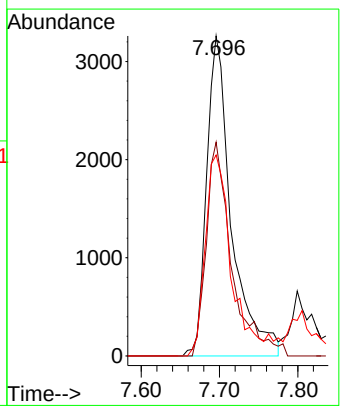


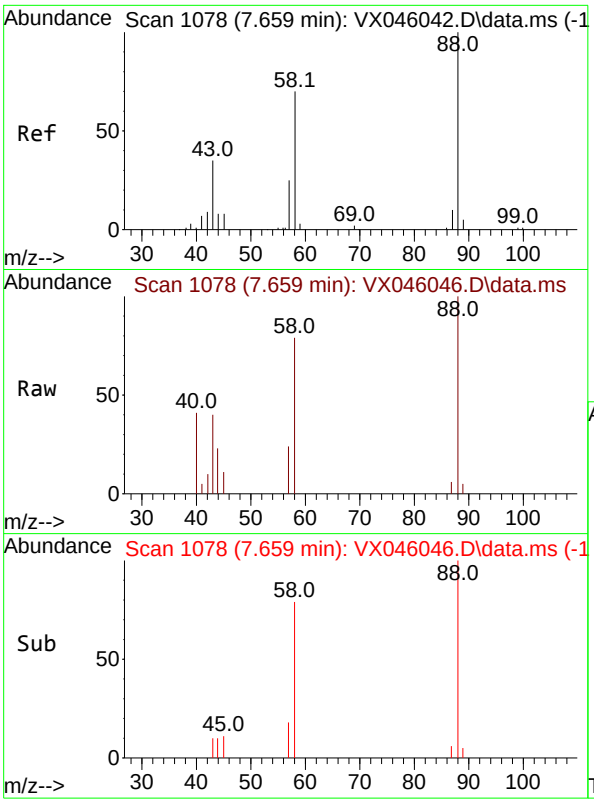


#48
Methyl methacrylate
Concen: 3.321 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 41 Resp: 7171

Ion	Ratio	Lower	Upper
41	100		
69	68.4	58.5	87.7
39	65.1	51.7	77.5



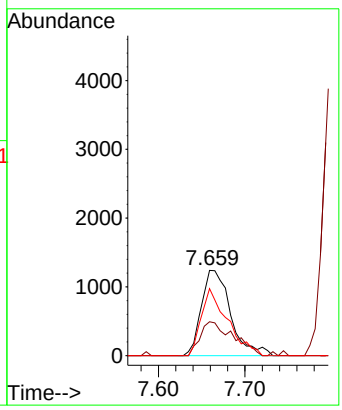


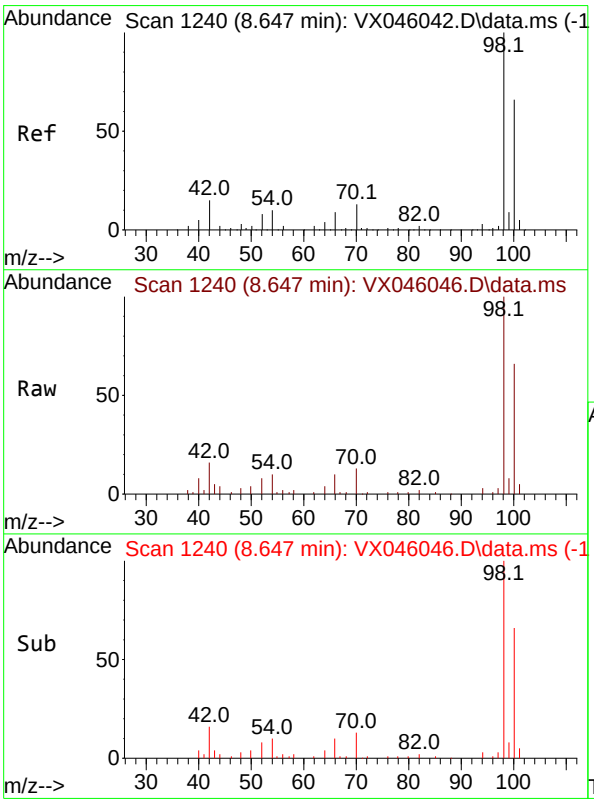
#49
1,4-Dioxane
Concen: 67.721 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 2907

Ion	Ratio	Lower	Upper
88	100		
43	45.3	33.4	50.2
58	71.0	58.6	88.0

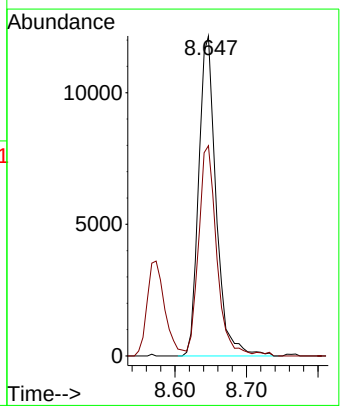


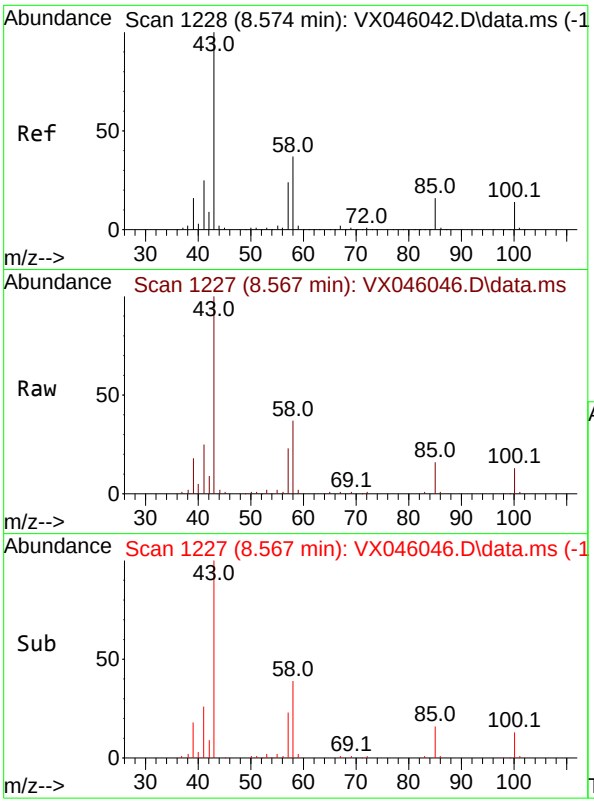


#50
Toluene-d8
Concen: 3.232 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 98 Resp: 20566

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3



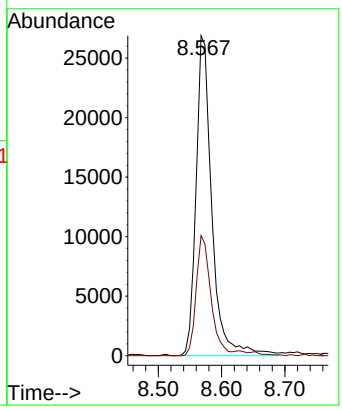


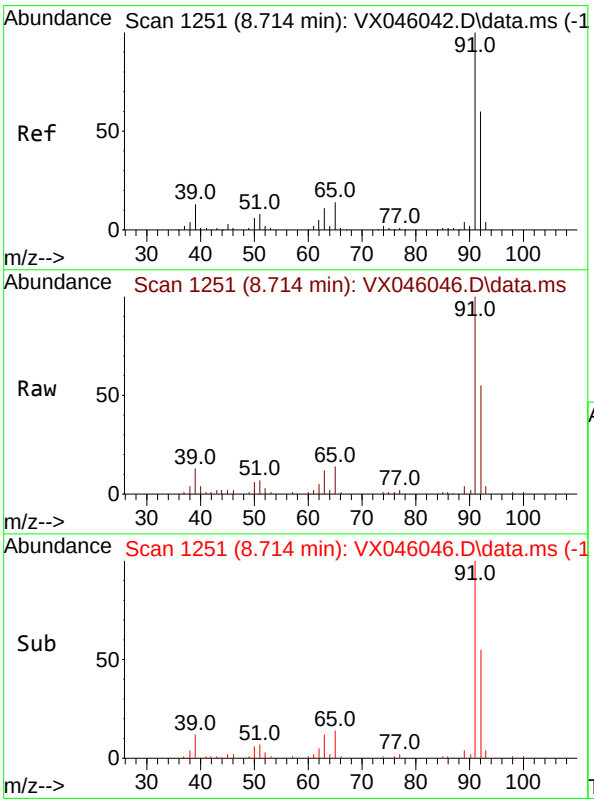
#51
4-Methyl-2-Pentanone
Concen: 16.967 ug/l
RT: 8.567 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 46794

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.9	43.3

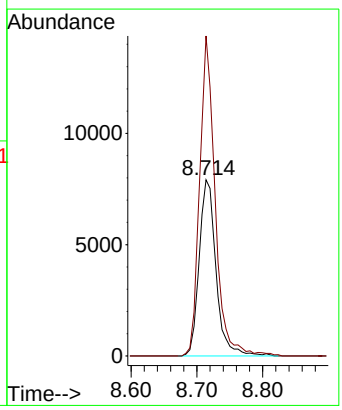


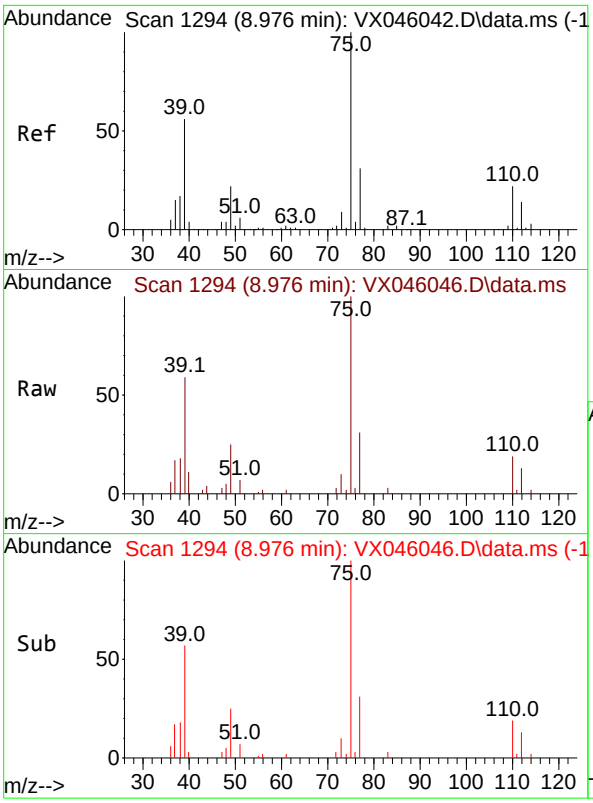


#52
Toluene
Concen: 3.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 92 Resp: 14126

Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.6	205.0



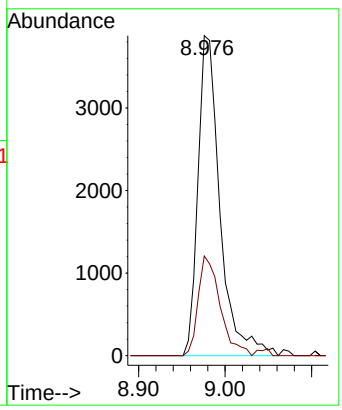


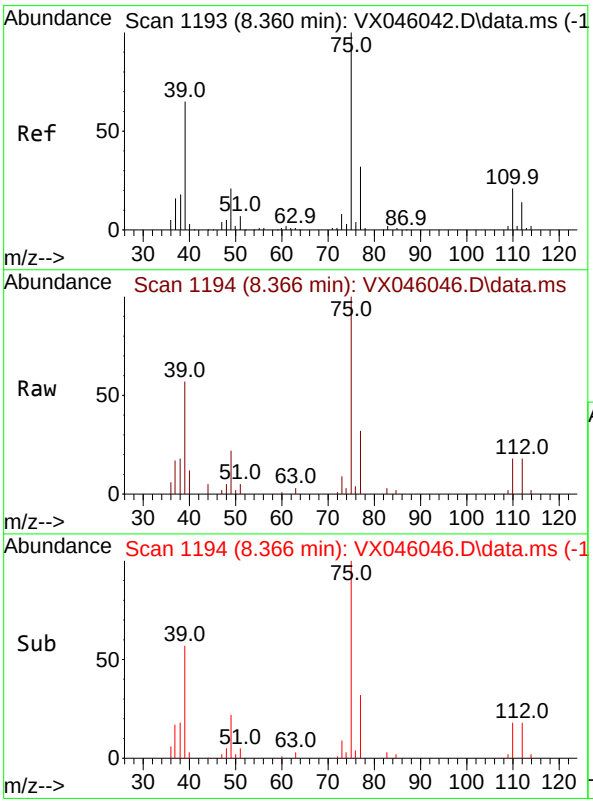
#53
t-1,3-Dichloropropene
Concen: 3.155 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 6834

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6

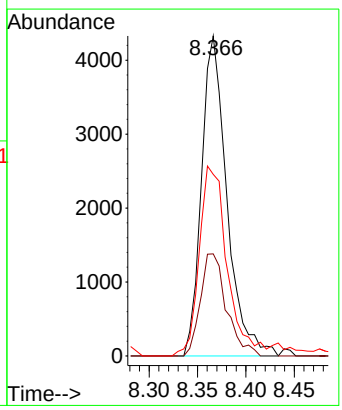


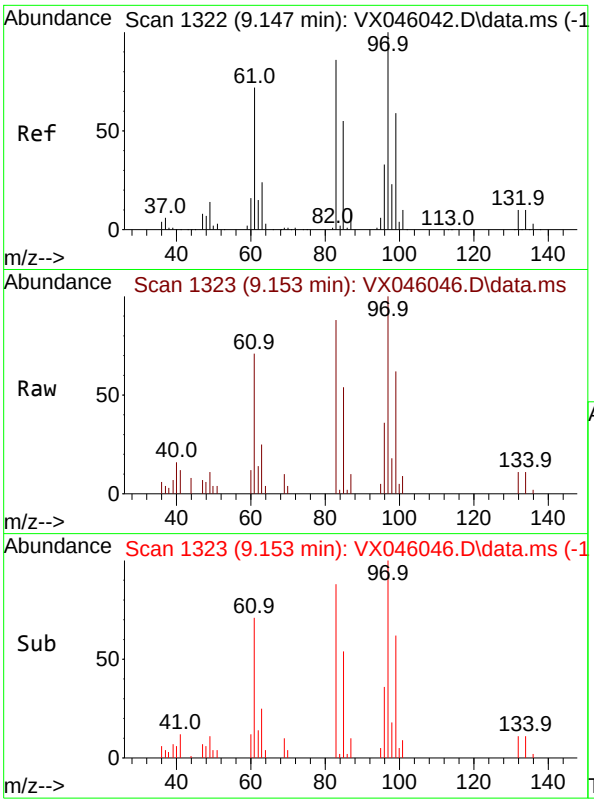


#54
cis-1,3-Dichloropropene
Concen: 3.129 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7908

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	55.3	52.2	78.4



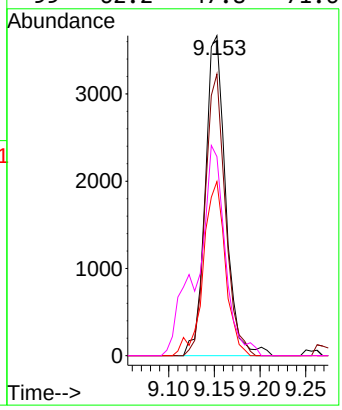


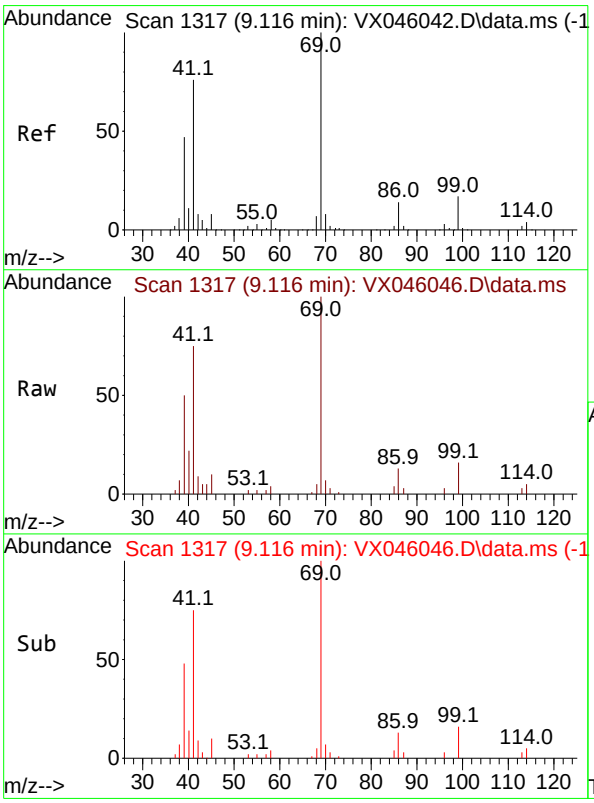
#55
1,1,2-Trichloroethane
Concen: 3.490 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 5685

Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.0	103.6
85	54.4	44.3	66.5
99	62.2	47.8	71.6

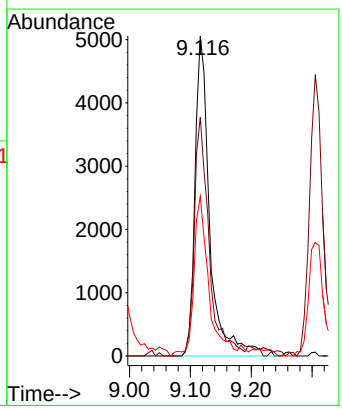


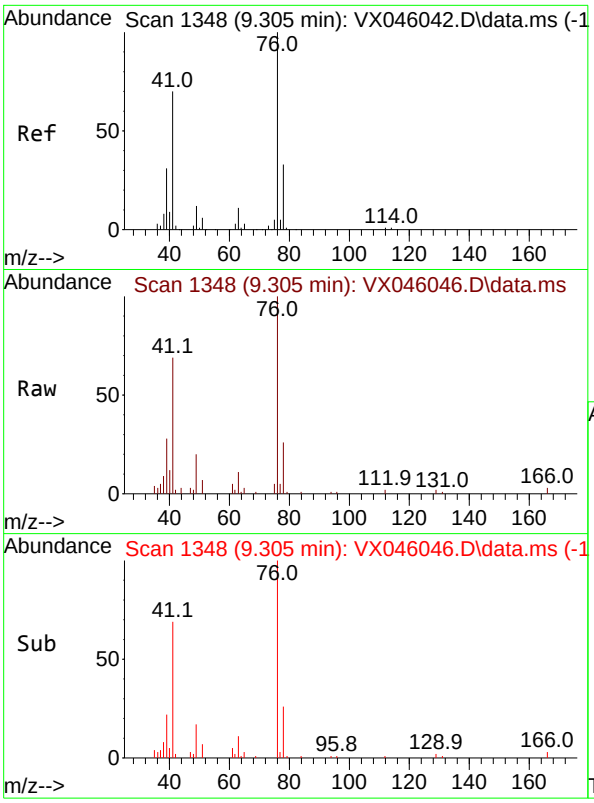


#56
Ethyl methacrylate
Concen: 3.390 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 69 Resp: 8555

Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.8	91.2
39	49.3	39.0	58.6



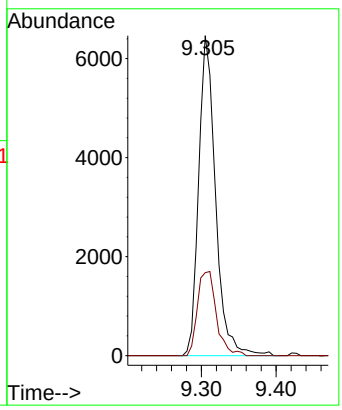


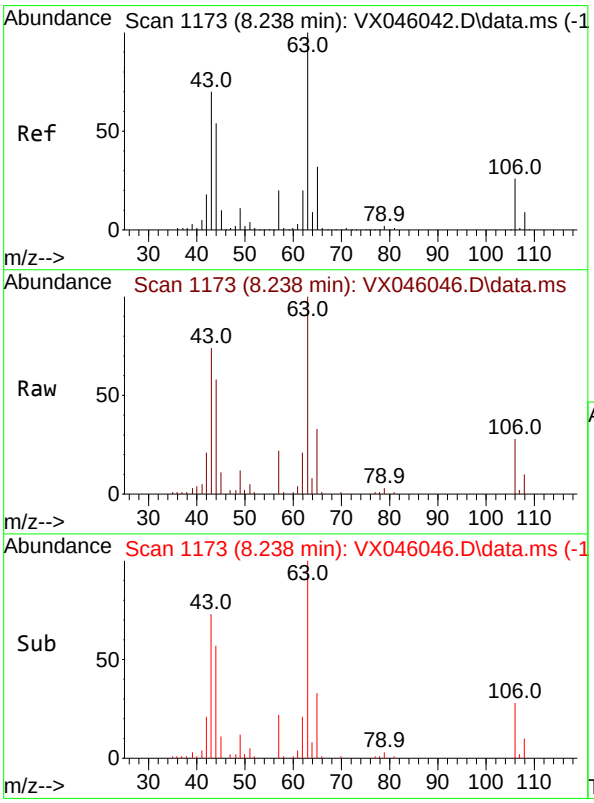
#57
1,3-Dichloropropane
Concen: 3.508 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 10127

Ion	Ratio	Lower	Upper
76	100		
78	29.5	26.3	39.5

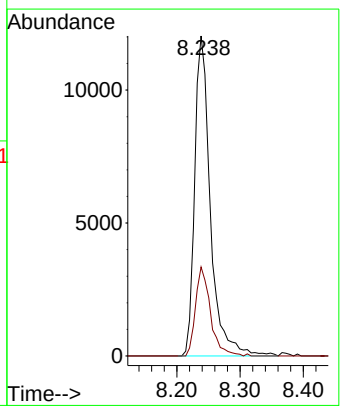


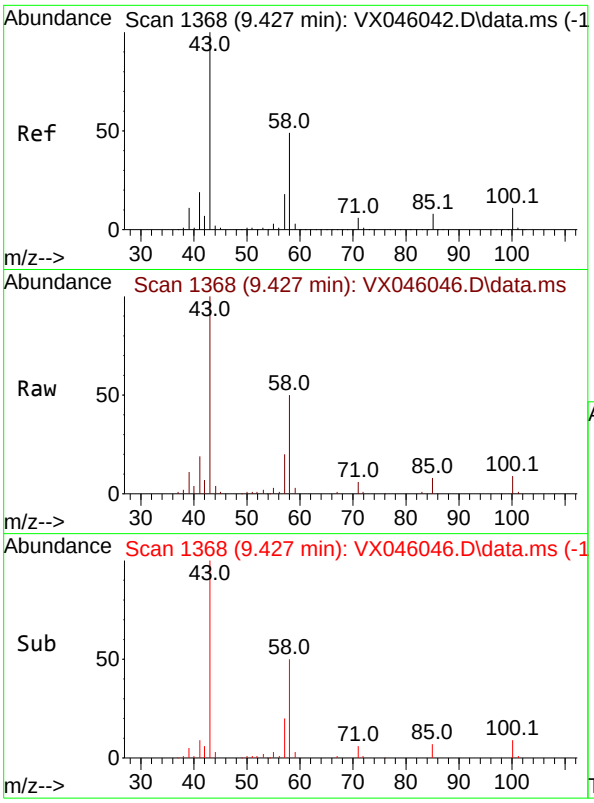


#58
2-Chloroethyl Vinyl ether
Concen: 18.346 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 20809

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.5	32.3



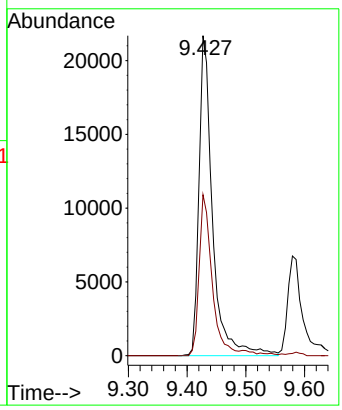


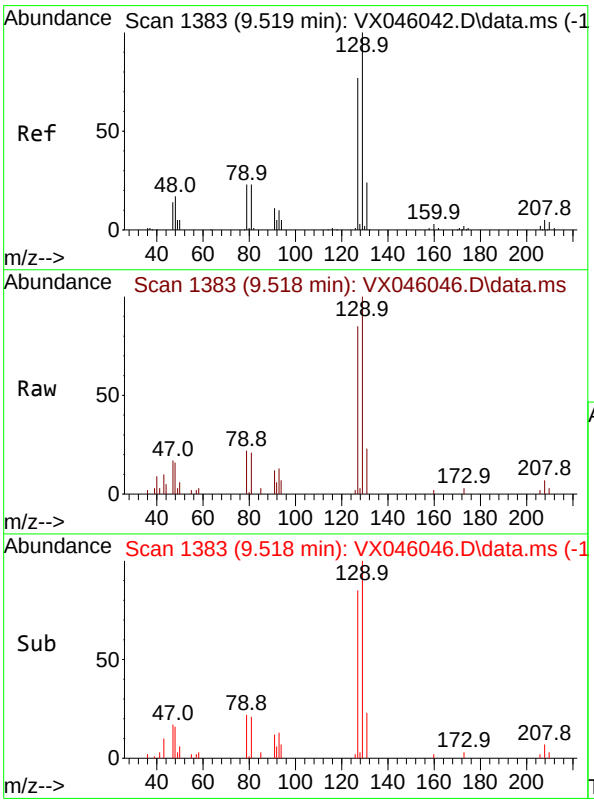
#59
2-Hexanone
Concen: 16.651 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 34853

Ion	Ratio	Lower	Upper
43	100		
58	47.5	24.9	74.6

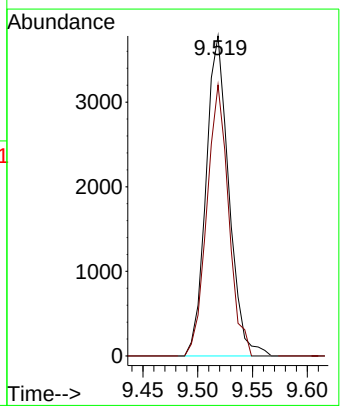


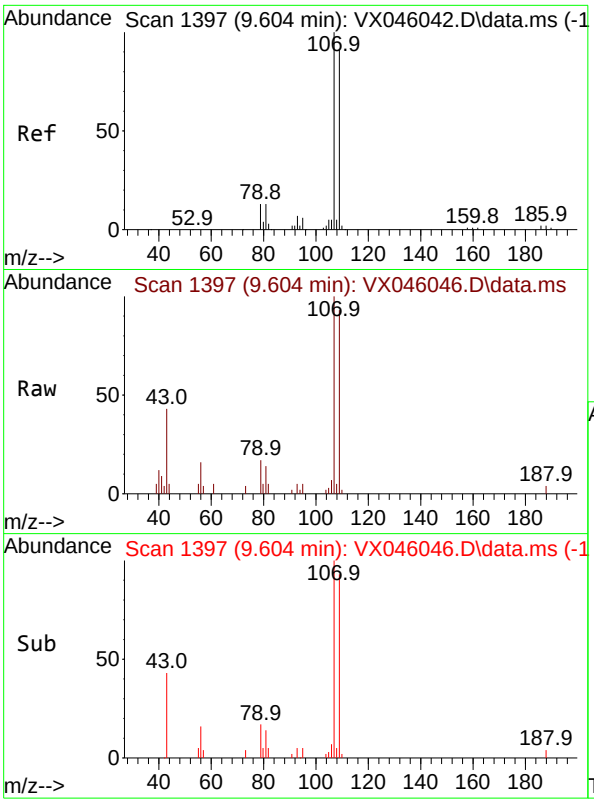


#60
Dibromochloromethane
Concen: 3.102 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:129 Resp: 5500

Ion	Ratio	Lower	Upper
129	100		
127	80.4	39.3	117.8



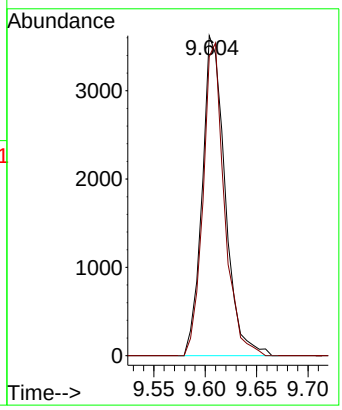


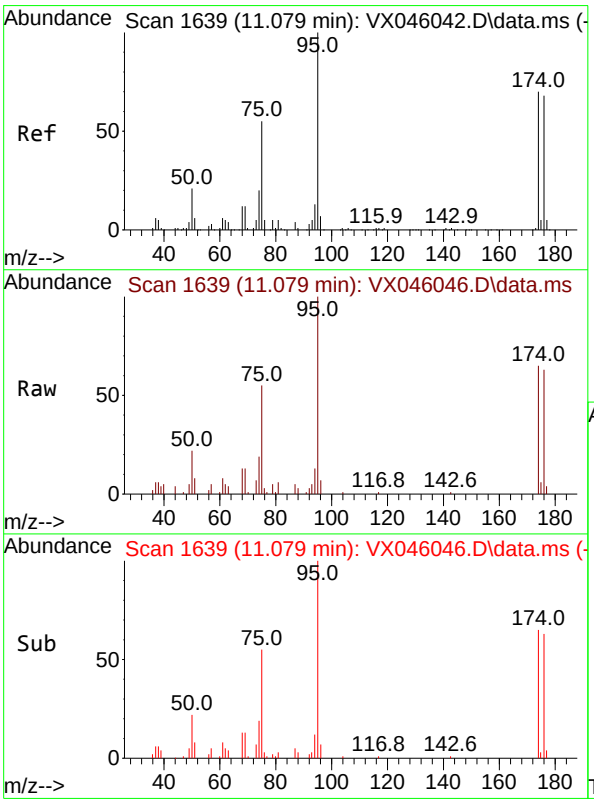
#61
1,2-Dibromoethane
Concen: 3.356 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 5614

Ion	Ratio	Lower	Upper
107	100		
109	91.0	73.3	109.9

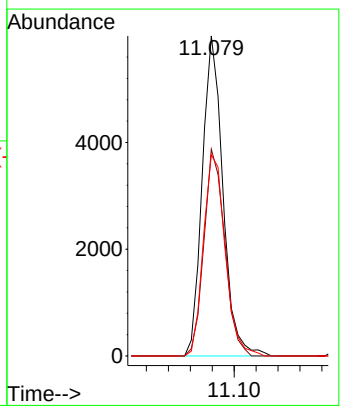


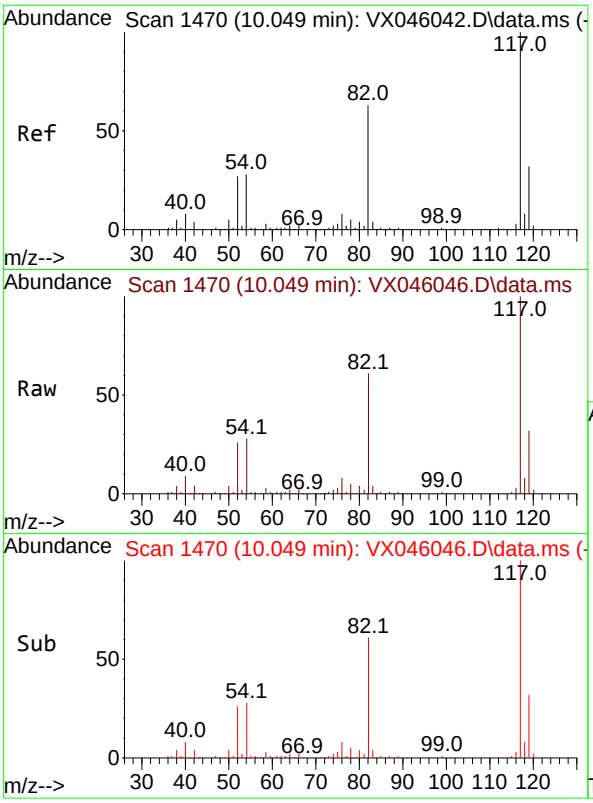


#62
4-Bromofluorobenzene
Concen: 3.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 95 Resp: 7822

Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	135.8
176	66.6	0.0	131.4



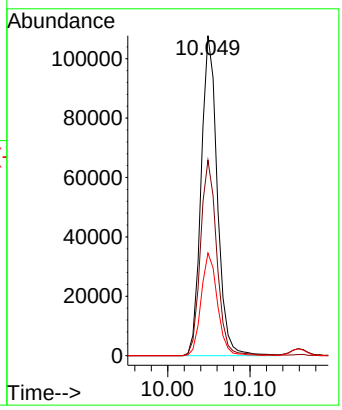


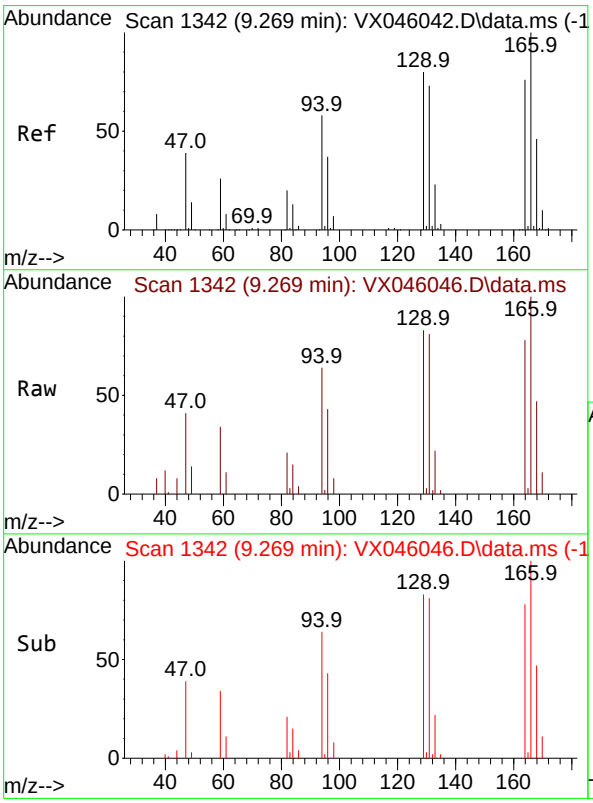
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 147167

Ion	Ratio	Lower	Upper
117	100		
82	61.1	50.6	76.0
119	32.1	25.8	38.6

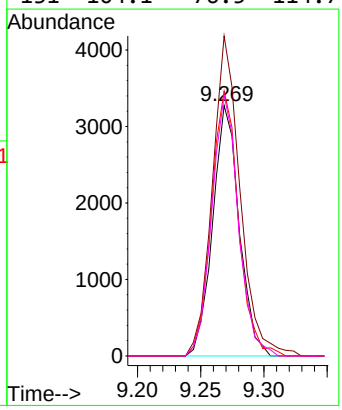


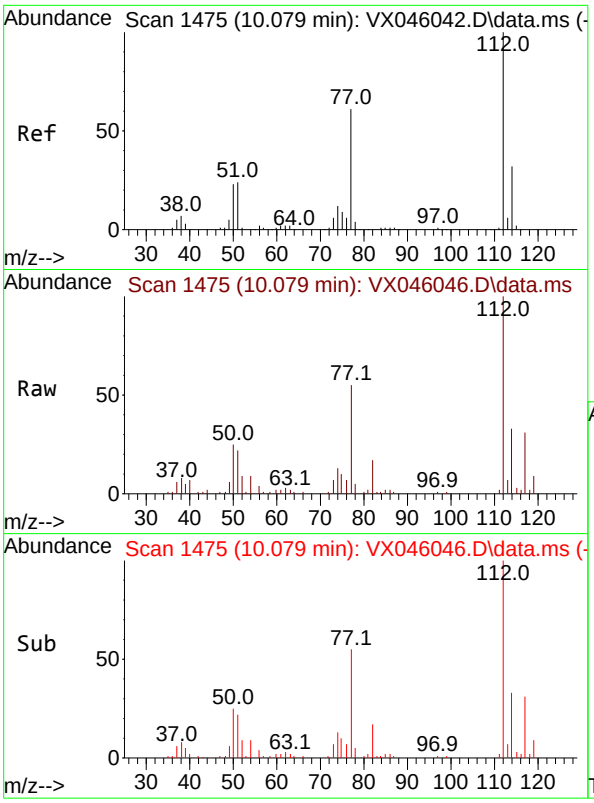


#64
Tetrachloroethene
Concen: 3.162 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:164 Resp: 4752

Ion	Ratio	Lower	Upper
164	100		
166	127.8	105.0	157.6
129	105.8	83.5	125.3
131	104.1	76.5	114.7



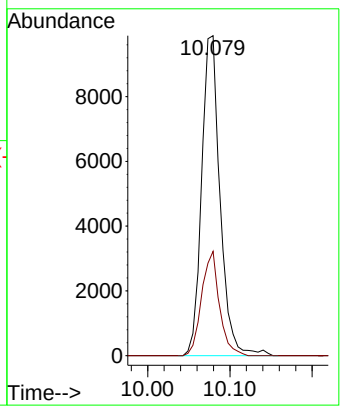


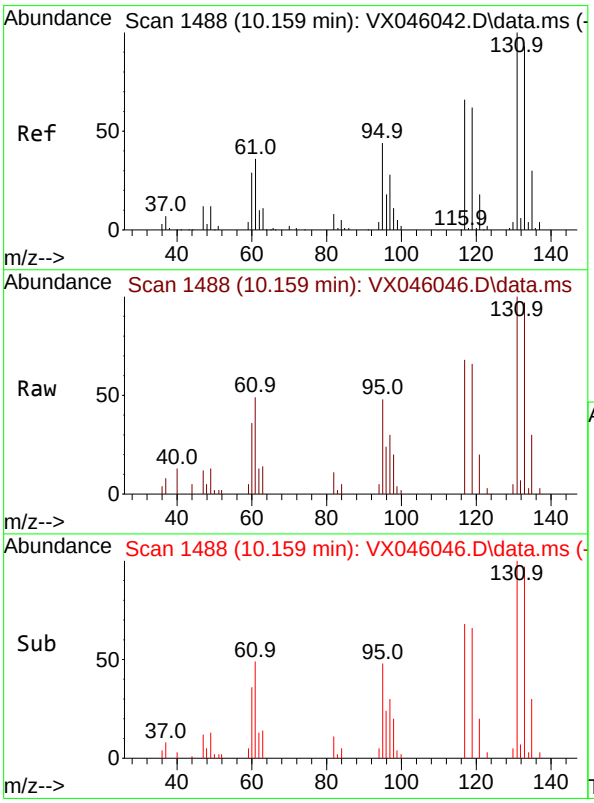
#65
Chlorobenzene
Concen: 3.399 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 15391

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.2

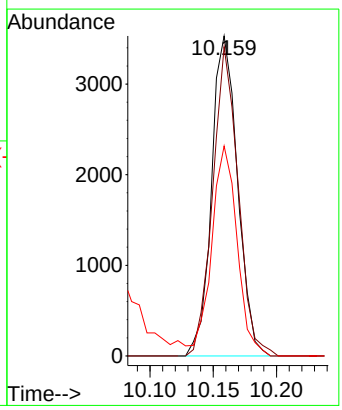


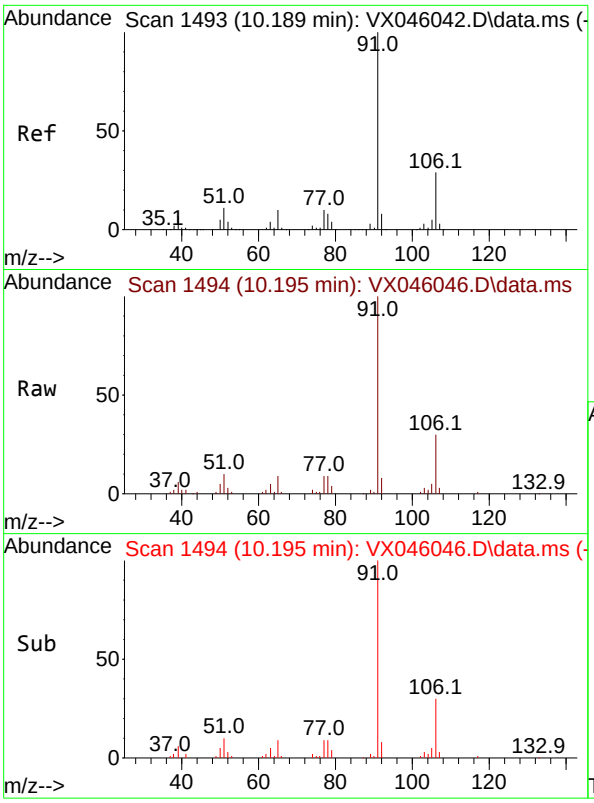


#66
1,1,1,2-Tetrachloroethane
Concen: 3.326 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:131 Resp: 5024

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.9
119	64.8	31.6	95.0



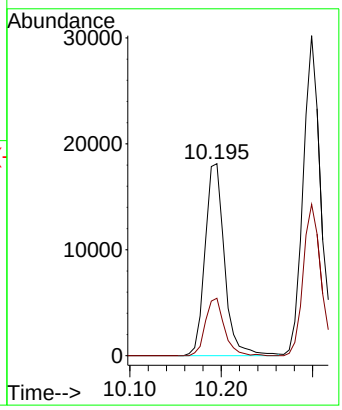


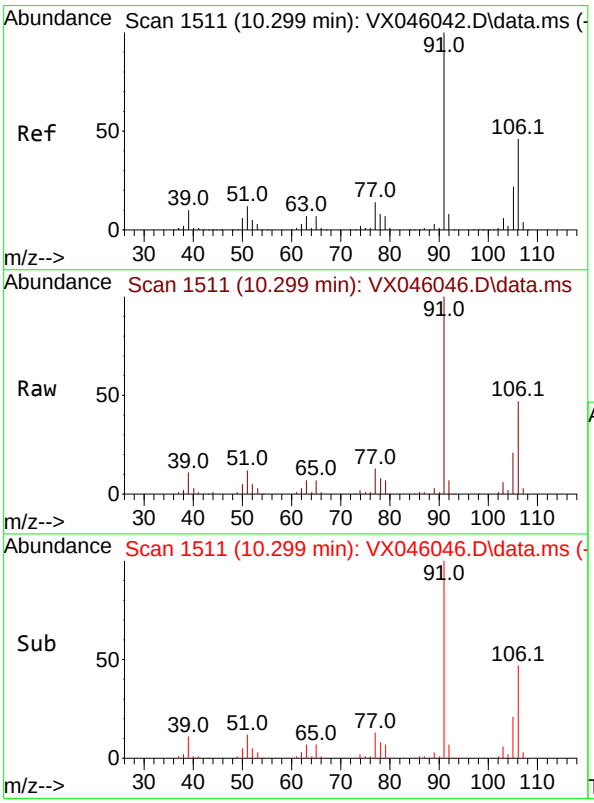
#67
Ethyl Benzene
Concen: 3.463 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 26732

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.4	35.2

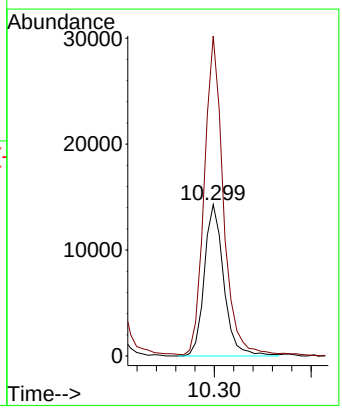


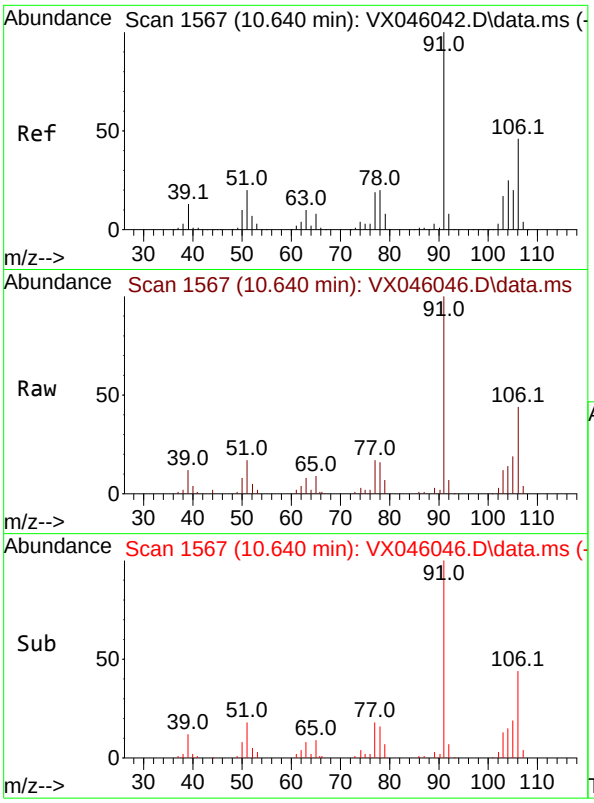


#68
m/p-Xylenes
Concen: 7.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:106 Resp: 19957

Ion	Ratio	Lower	Upper
106	100		
91	210.1	171.2	256.8



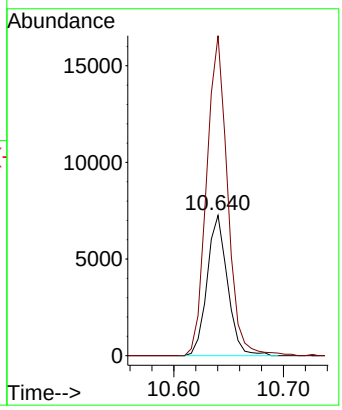


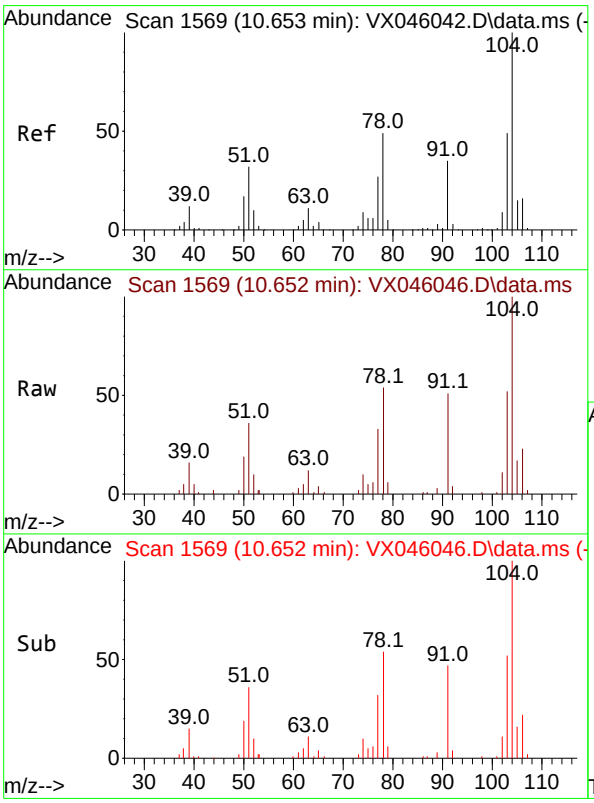
#69
o-Xylene
Concen: 3.343 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 9398

Ion	Ratio	Lower	Upper
106	100		
91	233.6	112.7	338.1

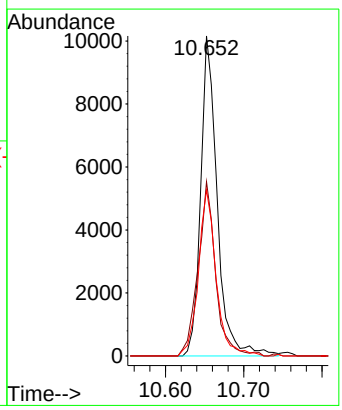


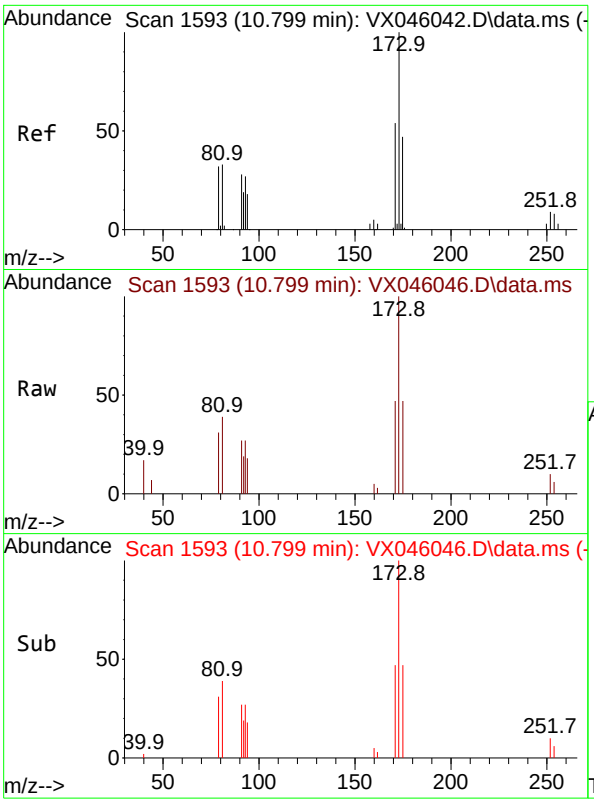


#70
Styrene
Concen: 3.312 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:104 Resp: 14900

Ion	Ratio	Lower	Upper
104	100		
78	57.9	45.7	68.5
103	55.6	43.7	65.5



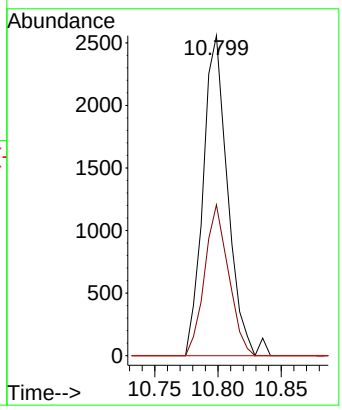


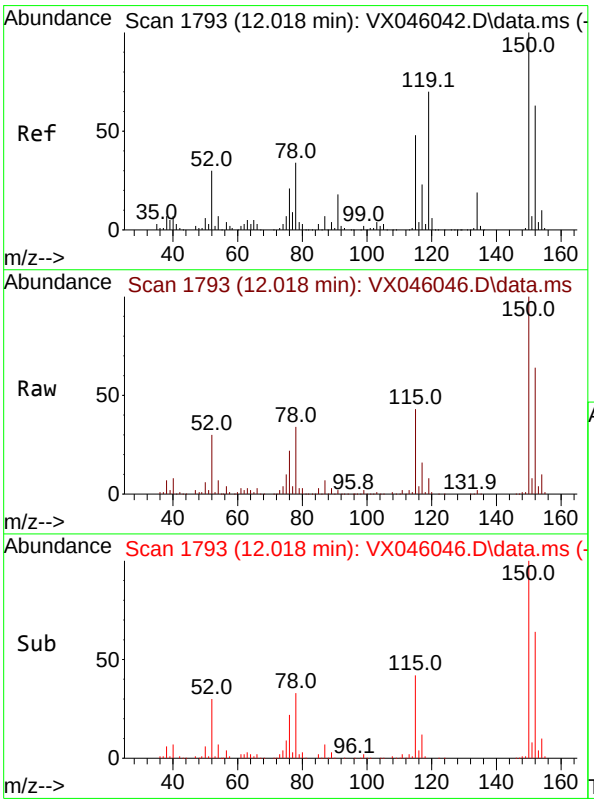
#71
Bromoform
Concen: 3.059 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 3470

Ion	Ratio	Lower	Upper
173	100		
175	45.8	23.4	70.0
254	0.0	0.0	0.0

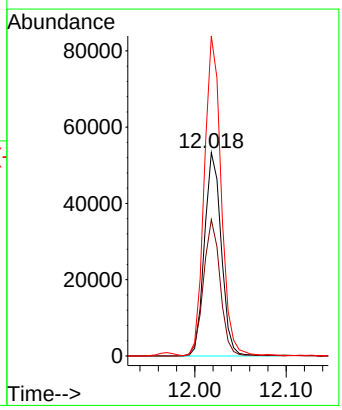


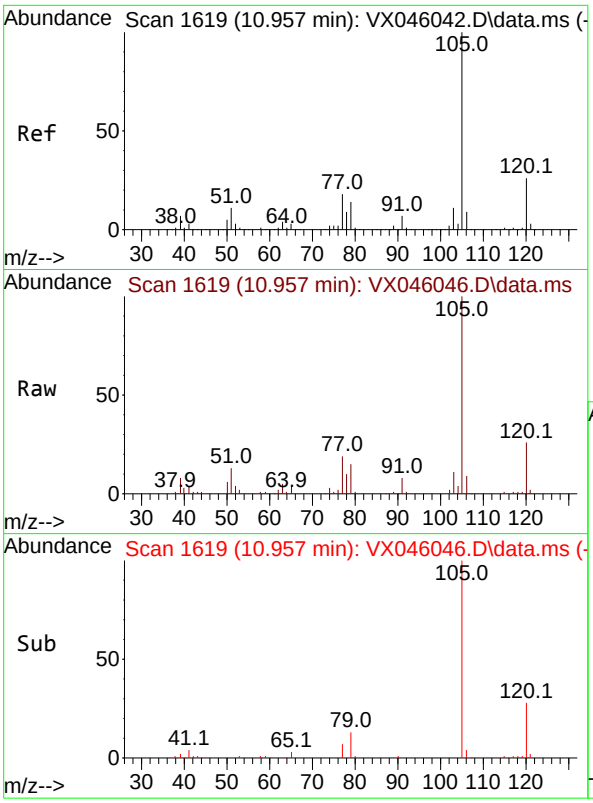


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:152 Resp: 67939

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	157.5	0.0	351.0



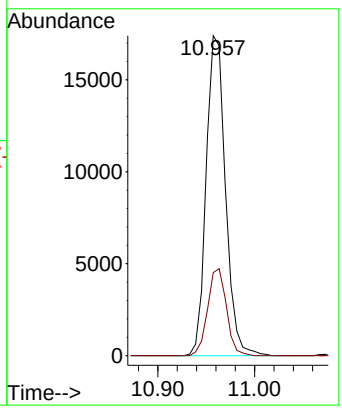


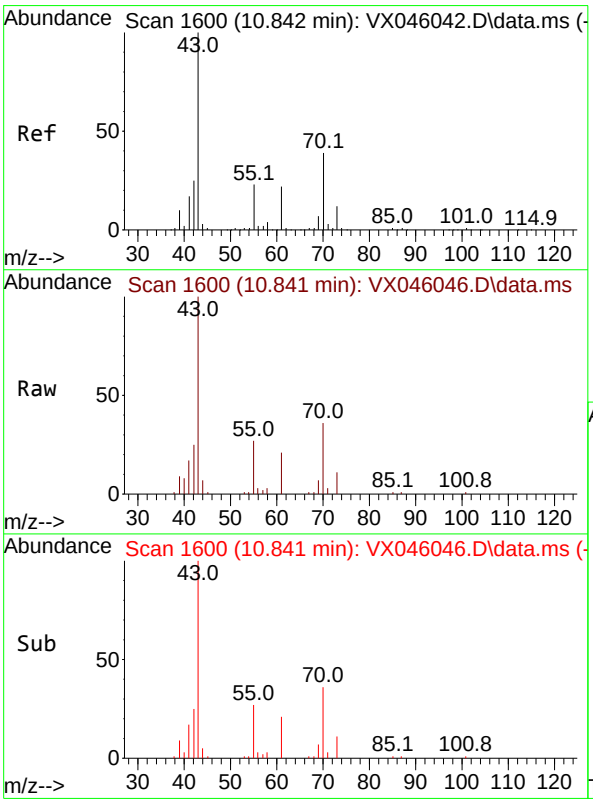
#73
Isopropylbenzene
Concen: 3.266 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 24201

Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.8	38.4

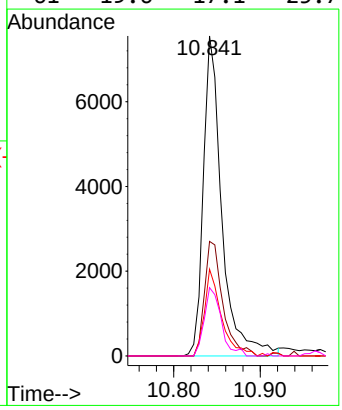


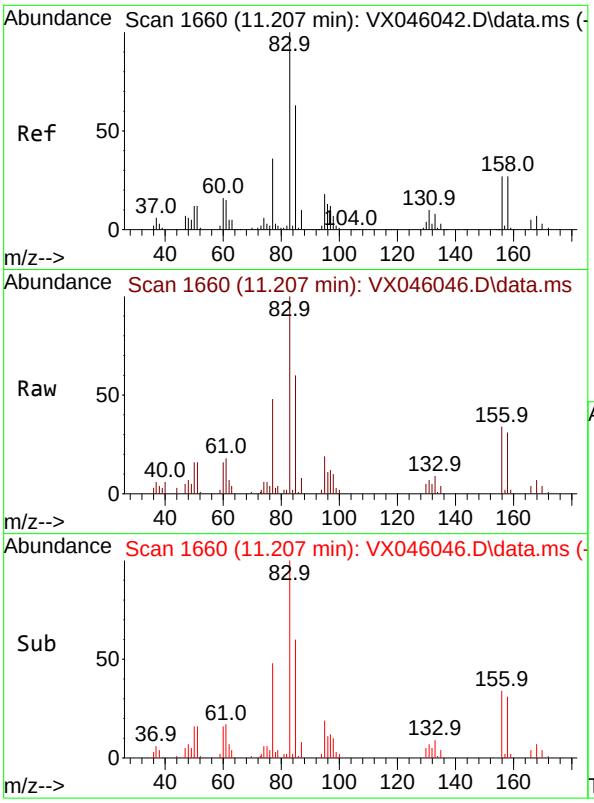


#74
N-amyl acetate
Concen: 3.038 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 11224

Ion	Ratio	Lower	Upper
43	100		
70	35.4	30.9	46.3
55	25.0	18.7	28.1
61	19.6	17.1	25.7



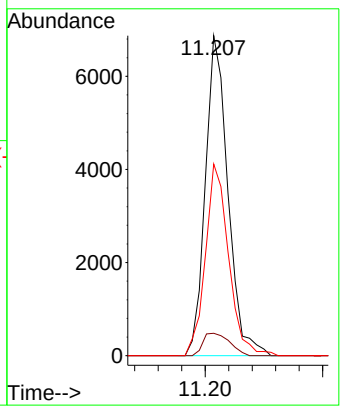


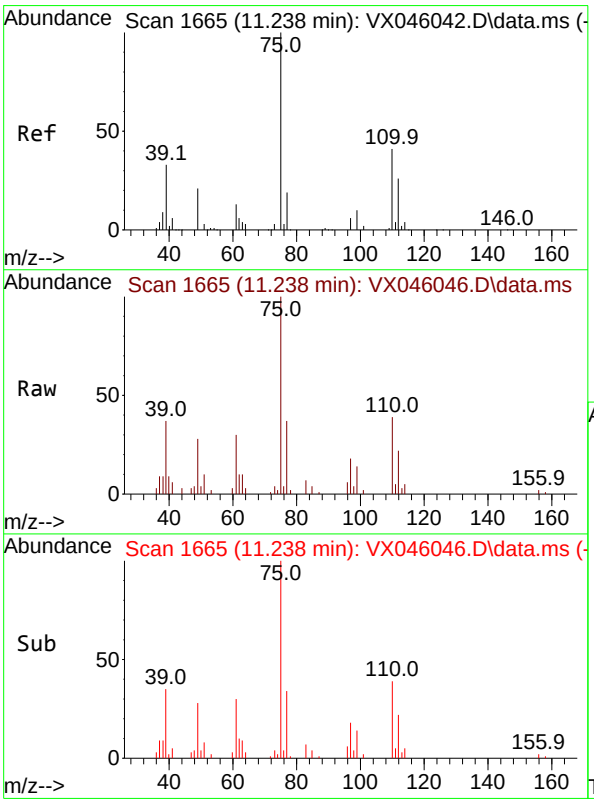
#75
1,1,2,2-Tetrachloroethane
Concen: 3.479 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9170

Ion	Ratio	Lower	Upper
83	100		
131	8.3	5.0	14.9
85	61.7	31.9	95.7

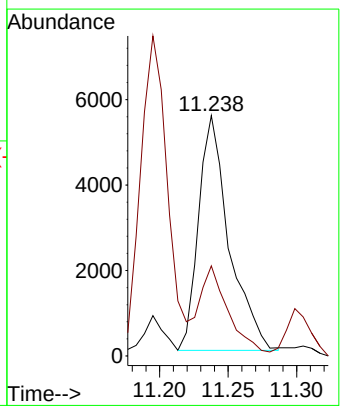


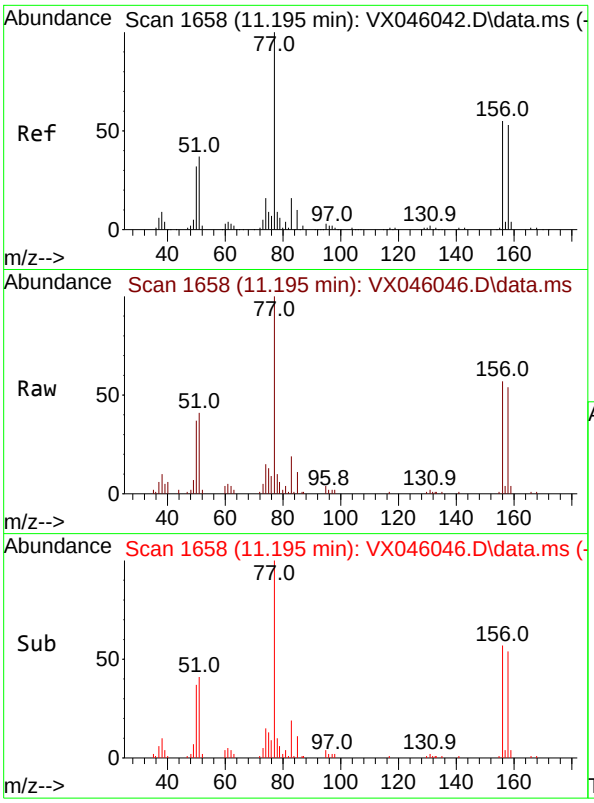


#76
1,2,3-Trichloropropane
Concen: 3.018 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 8548

Ion	Ratio	Lower	Upper
75	100		
77	37.7	20.5	61.5



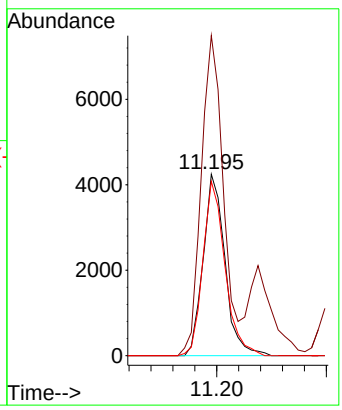


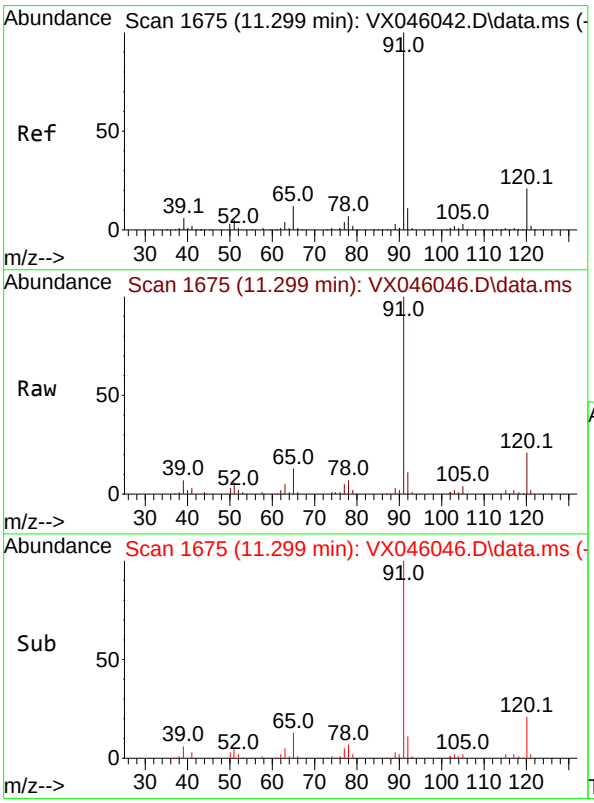
#77
Bromobenzene
Concen: 3.417 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 5857

Ion	Ratio	Lower	Upper
156	100		
77	177.0	92.8	278.3
158	97.7	48.8	146.3

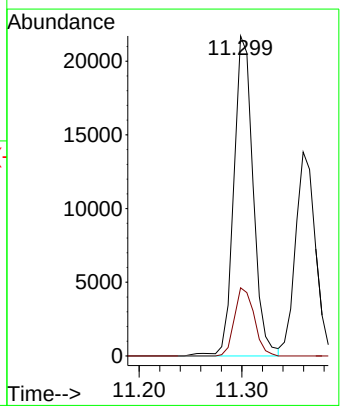


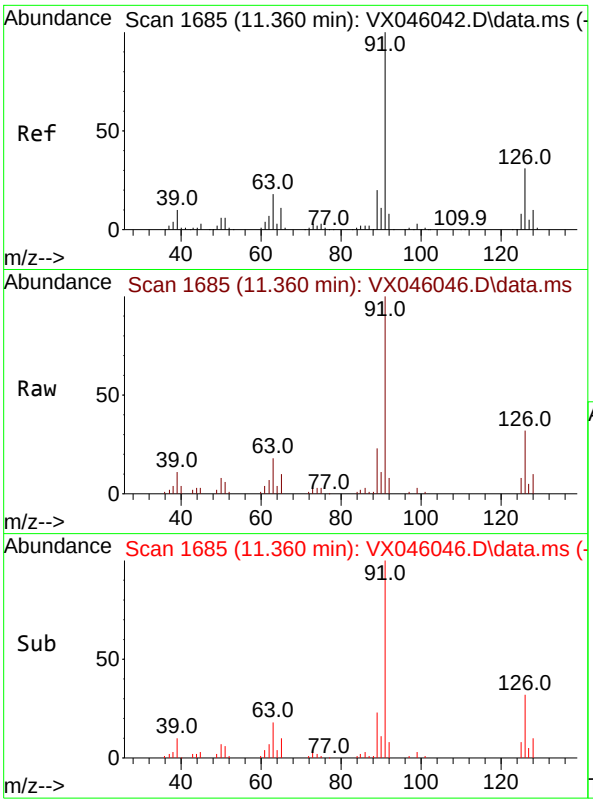


#78
n-propylbenzene
Concen: 3.424 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 28436

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4



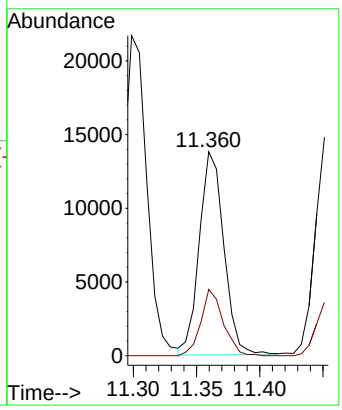


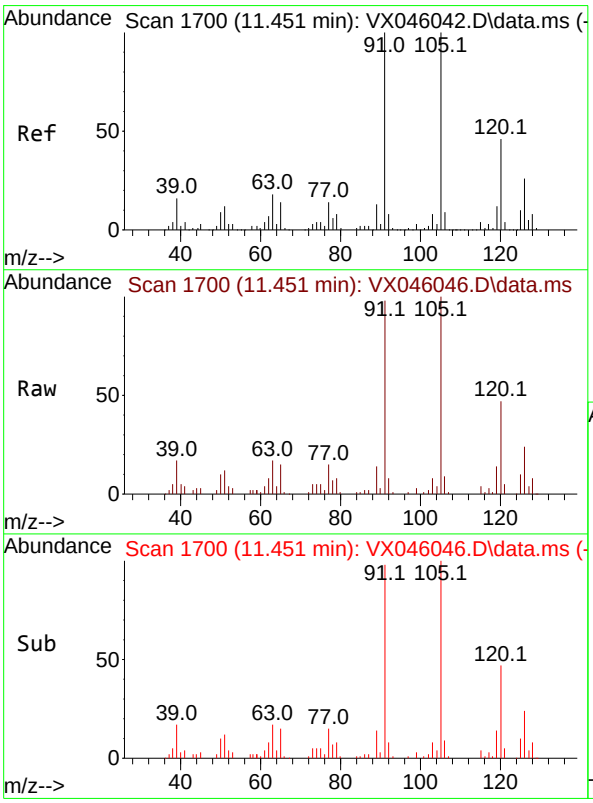
#79
2-Chlorotoluene
Concen: 3.336 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 18672

Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.6	46.7

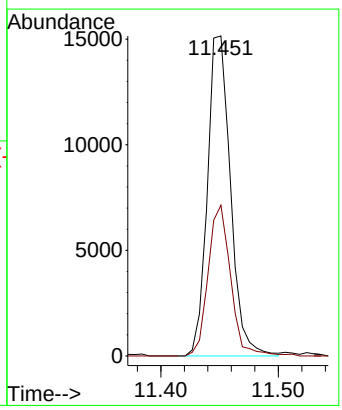


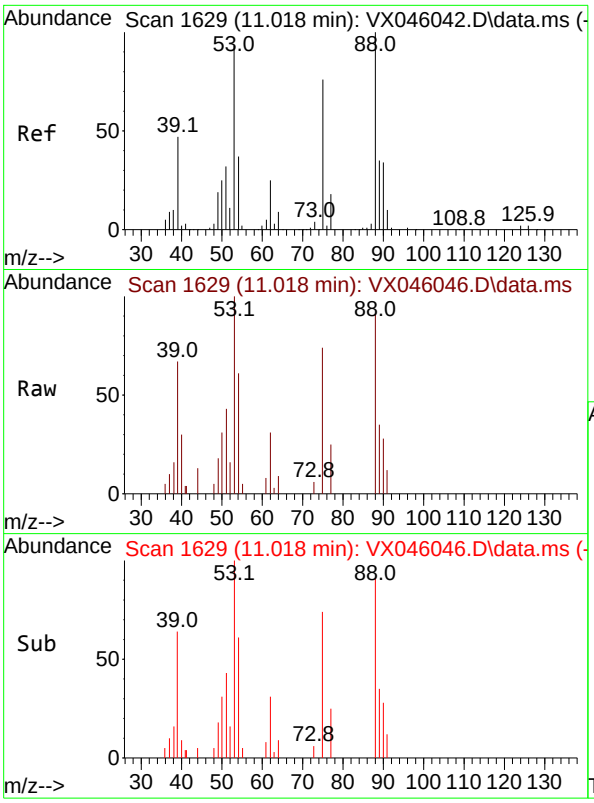


#80
1,3,5-Trimethylbenzene
Concen: 3.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:105 Resp: 20742

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2



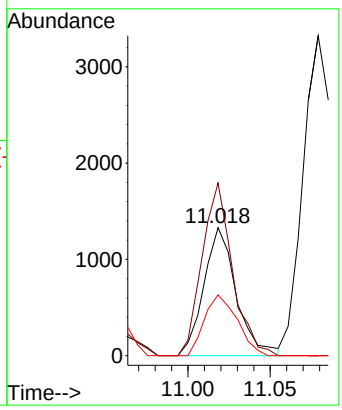


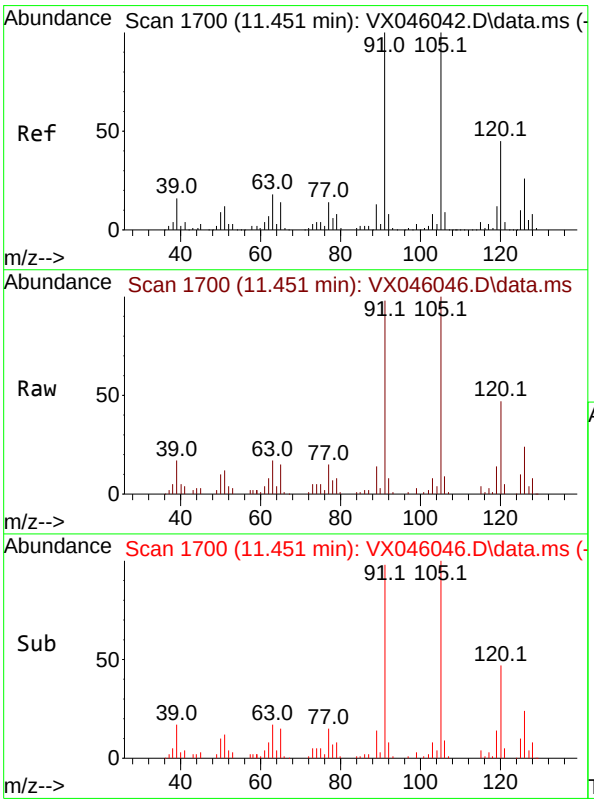
#81
trans-1,4-Dichloro-2-butene
Concen: 2.686 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1828

Ion	Ratio	Lower	Upper
75	100		
53	125.8	100.5	150.7
89	47.9	37.0	55.6

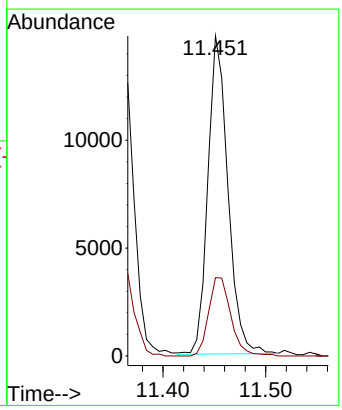


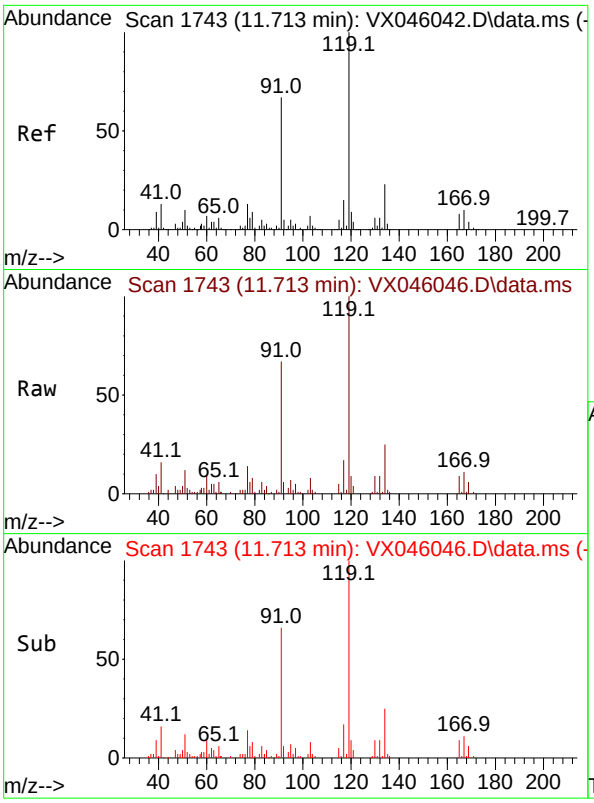


#82
4-Chlorotoluene
Concen: 3.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 91 Resp: 19966

Ion	Ratio	Lower	Upper
91	100		
126	27.3	13.3	39.8



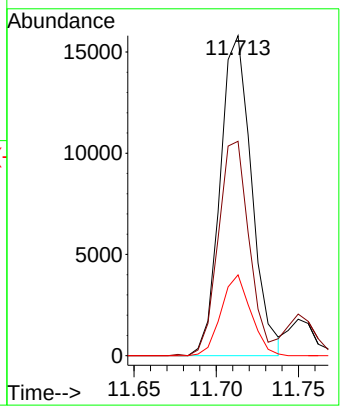


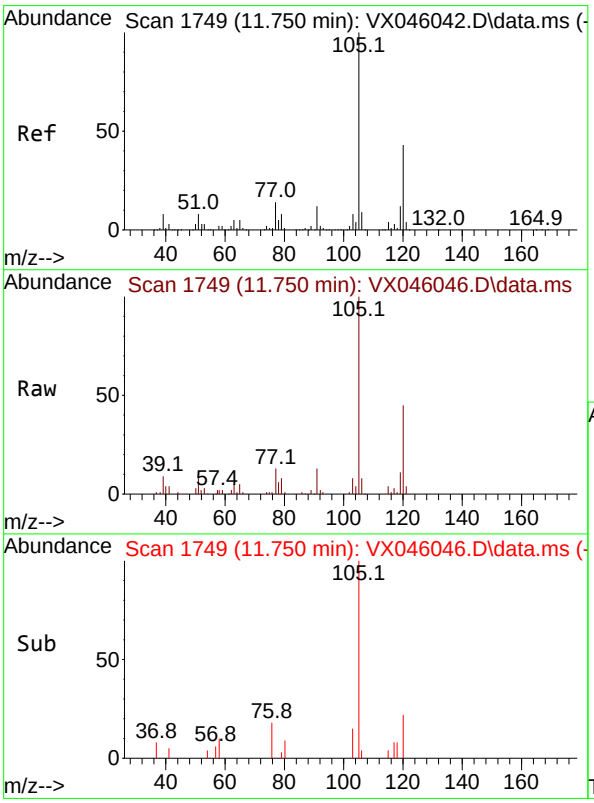
#83
tert-Butylbenzene
Concen: 3.484 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 21049

Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.9	98.7
134	23.8	11.4	34.1

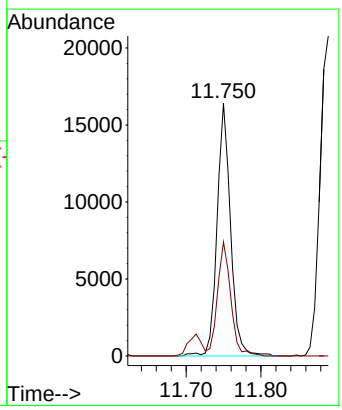


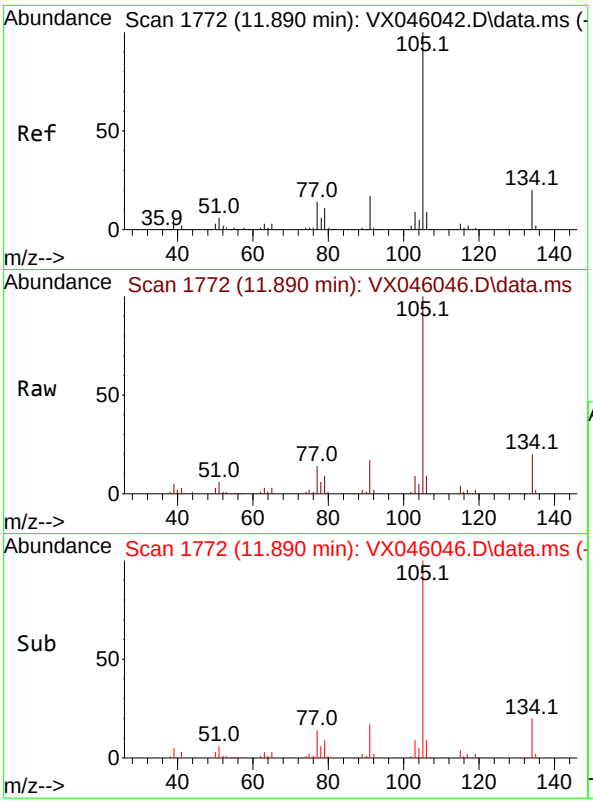


#84
1,2,4-Trimethylbenzene
Concen: 3.355 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:105 Resp: 20613

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.2	63.6



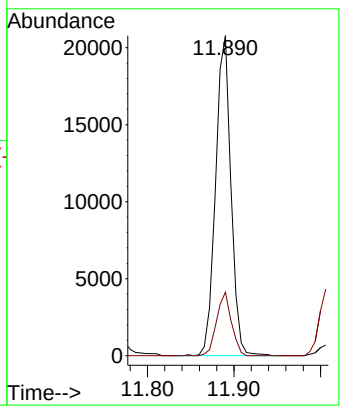


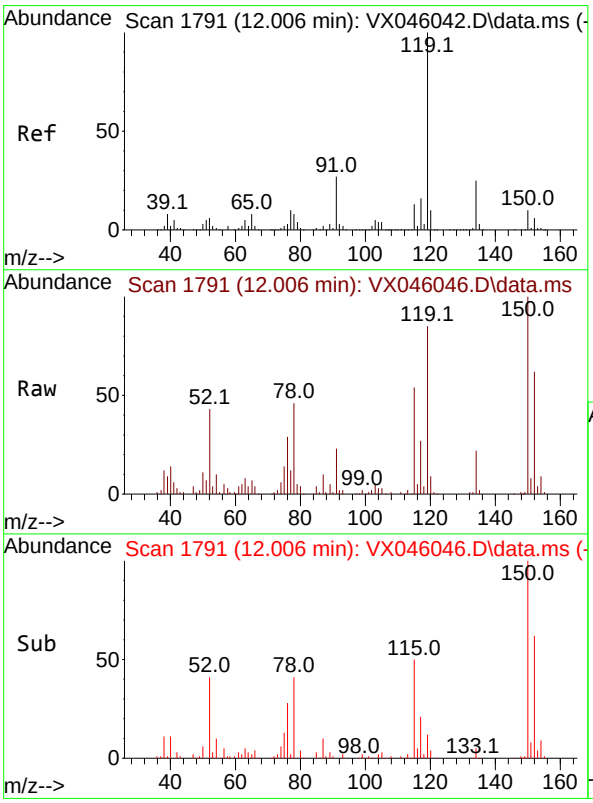
#85
sec-Butylbenzene
Concen: 3.412 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 25590

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1

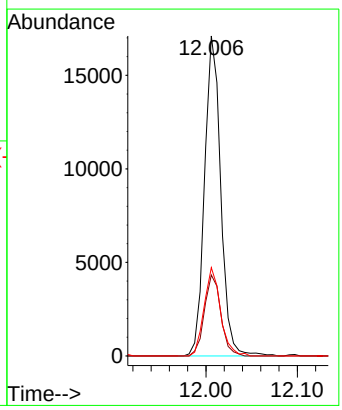


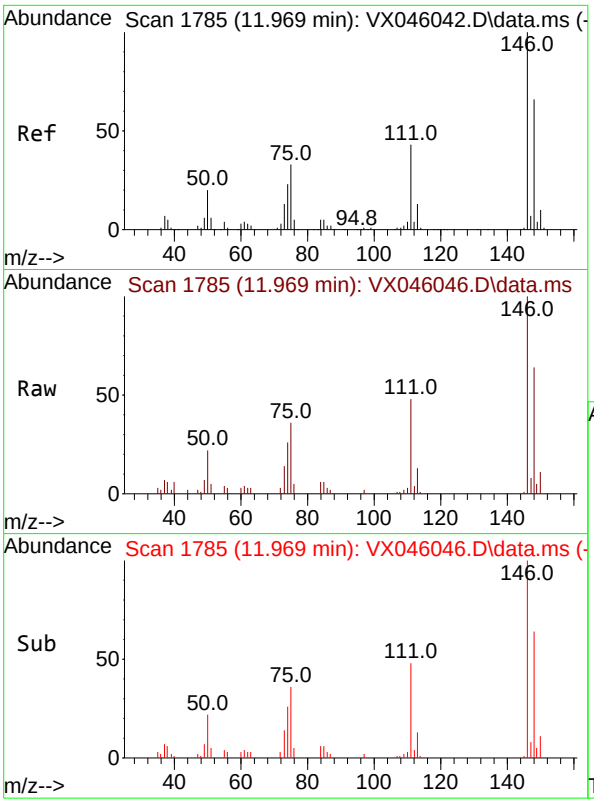


#86
p-Isopropyltoluene
Concen: 3.460 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:119 Resp: 20955

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.5	37.5
91	28.0	13.8	41.4



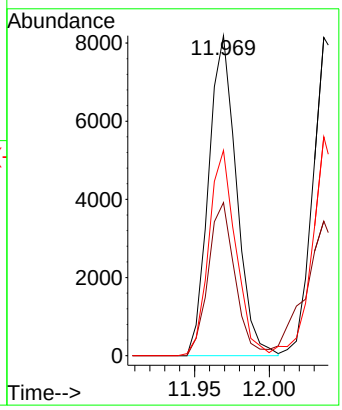


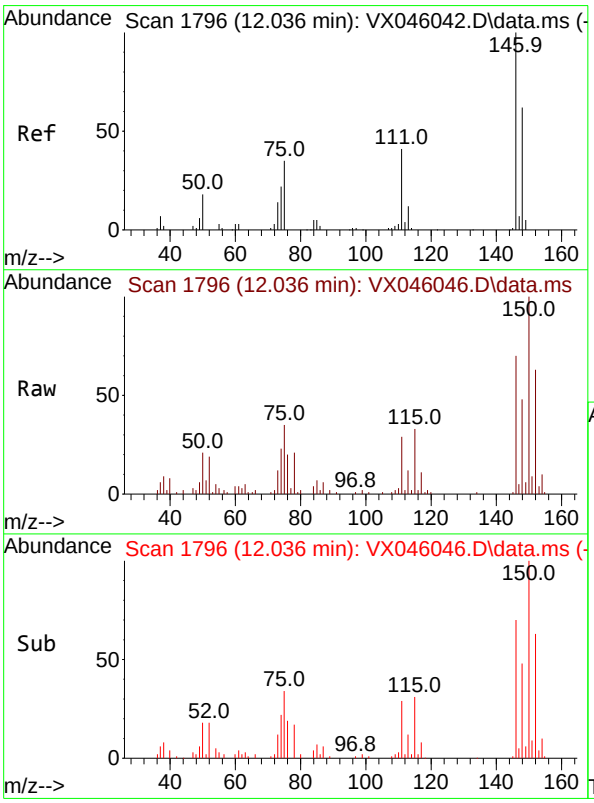
#87
1,3-Dichlorobenzene
Concen: 3.315 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 10585

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.1	66.3
148	62.4	32.1	96.5

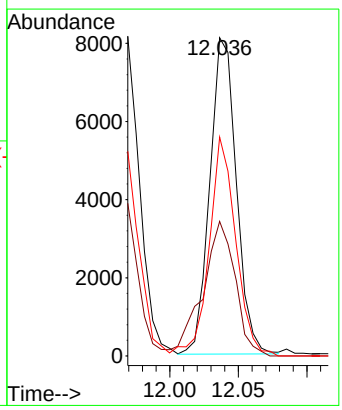


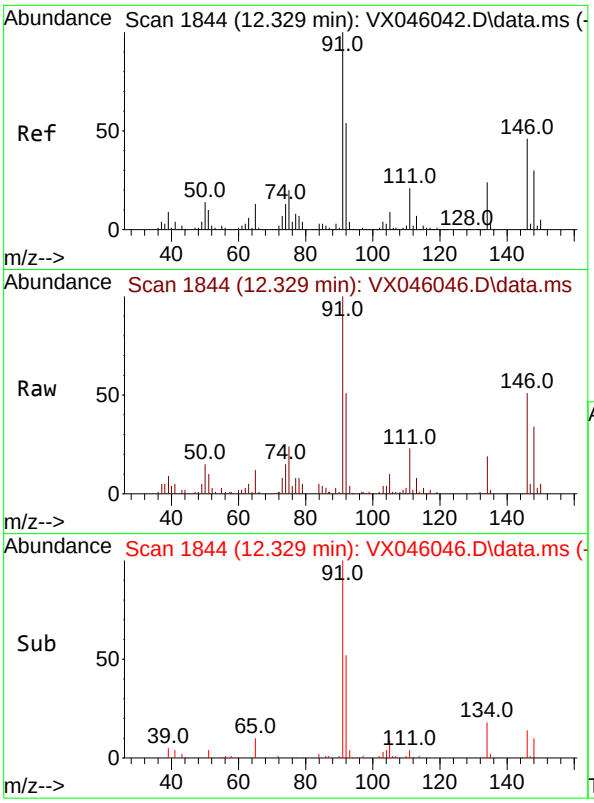


#88
1,4-Dichlorobenzene
Concen: 3.486 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:146 Resp: 10908

Ion	Ratio	Lower	Upper
146	100		
111	52.1	21.3	63.9
148	69.4	31.9	95.5



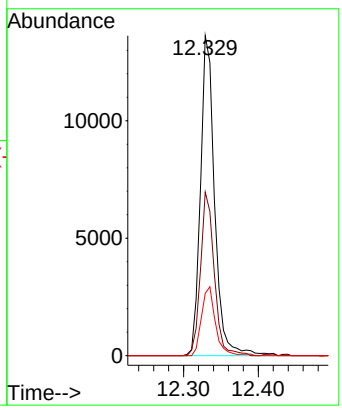


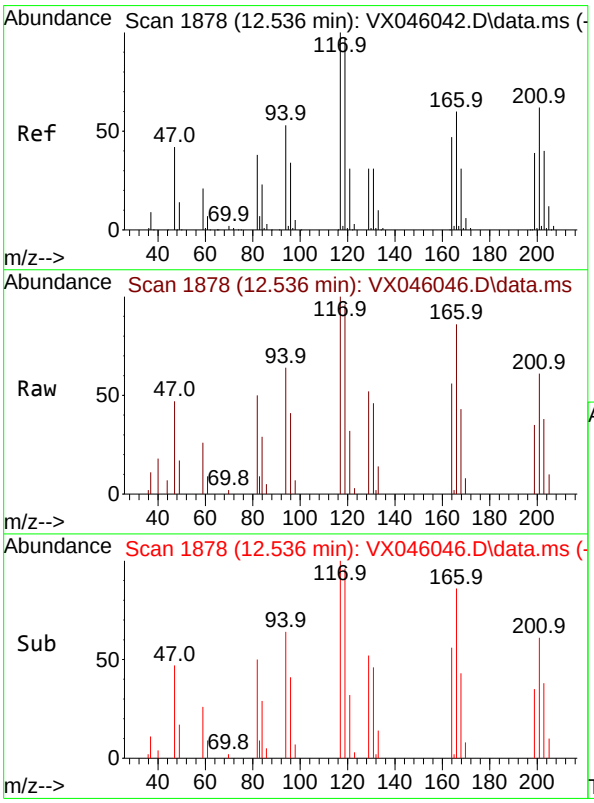
#89
n-Butylbenzene
Concen: 3.419 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 18004

Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.9	80.7
134	21.2	11.8	35.3

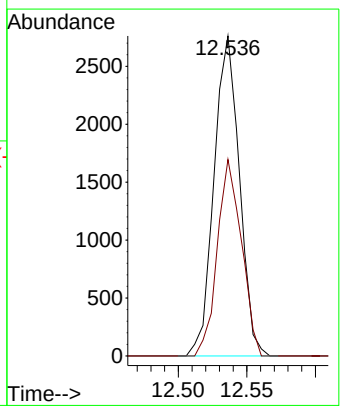


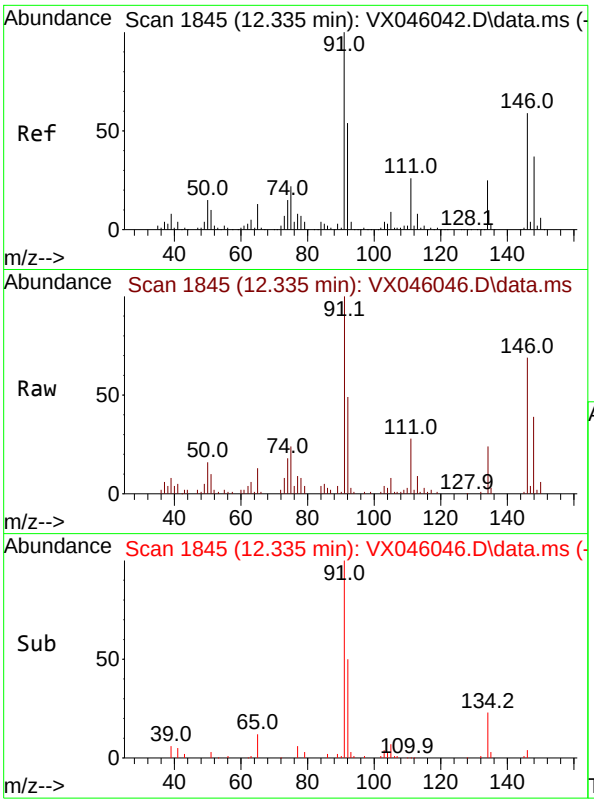


#90
Hexachloroethane
Concen: 3.153 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:117 Resp: 3553

Ion	Ratio	Lower	Upper
117	100		
201	58.5	31.6	94.7



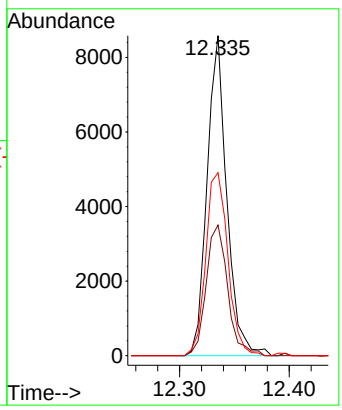


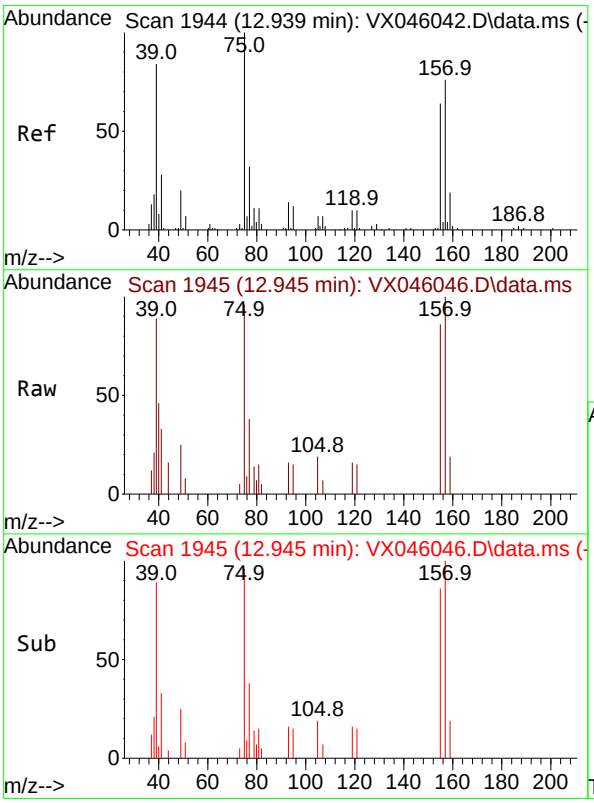
#91
1,2-Dichlorobenzene
Concen: 3.444 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 10712

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.4	67.3
148	64.2	31.6	94.8

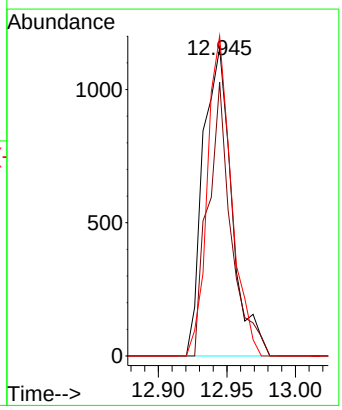


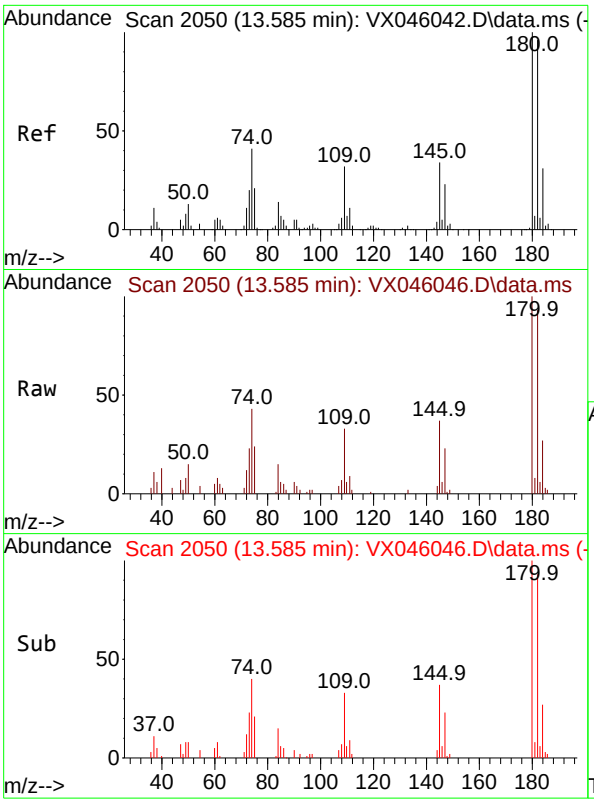


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.812 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 1687

Ion	Ratio	Lower	Upper
75	100		
155	71.7	34.9	104.8
157	87.0	43.8	131.4



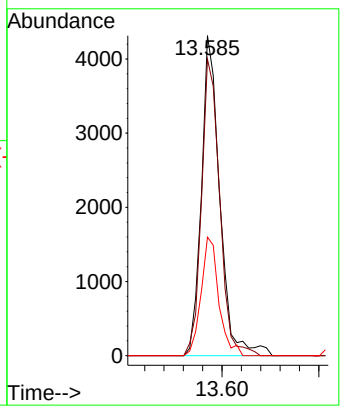


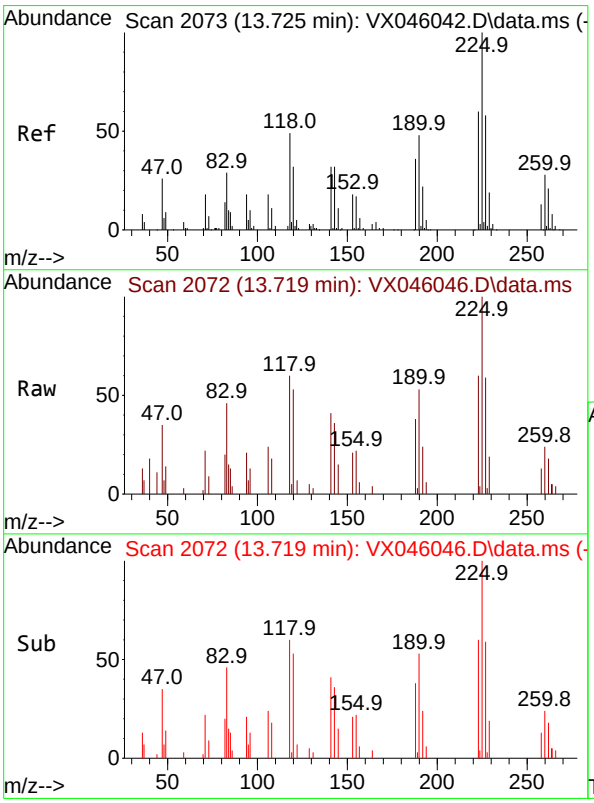
#93
1,2,4-Trichlorobenzene
Concen: 3.359 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 5720

Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.9	143.8
145	35.7	17.1	51.2

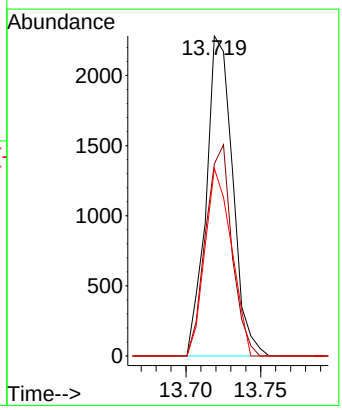


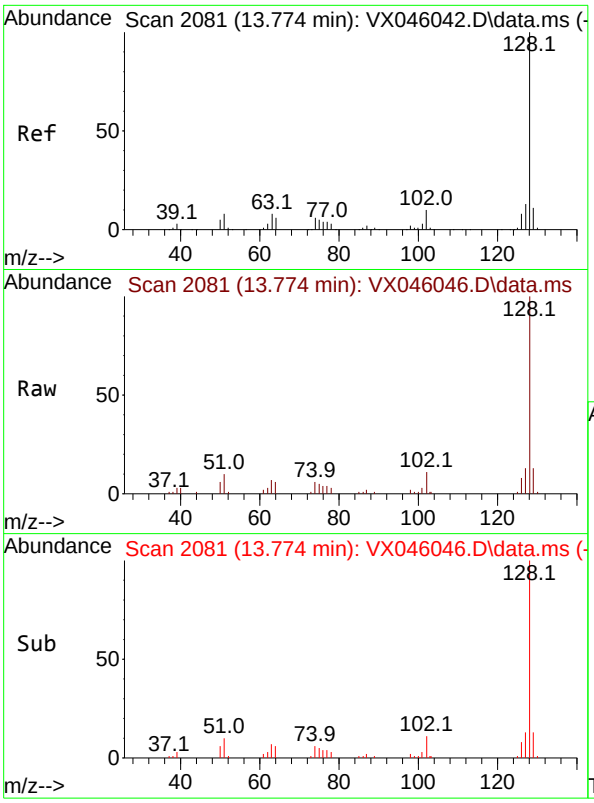


#94
Hexachlorobutadiene
Concen: 3.535 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:225 Resp: 2816

Ion	Ratio	Lower	Upper
225	100		
223	65.1	30.8	92.4
227	58.8	30.9	92.7



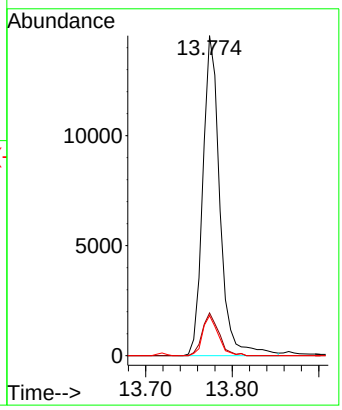


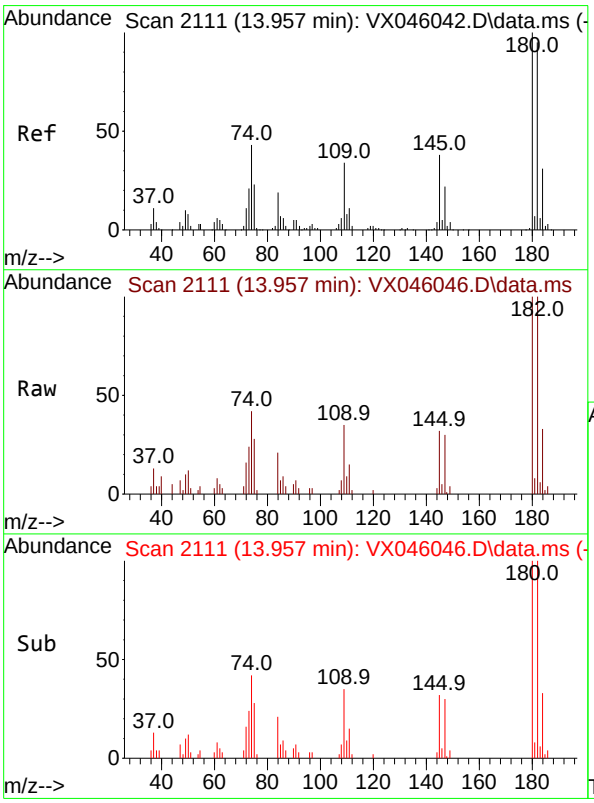
#95
Naphthalene
Concen: 3.209 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 19902

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.5	8.6	13.0

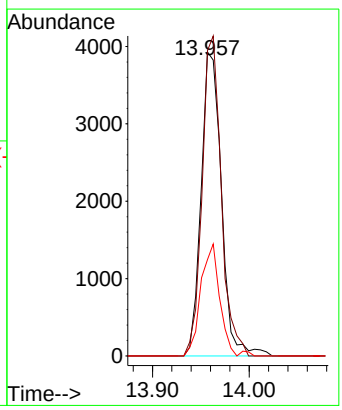




#96
1,2,3-Trichlorobenzene
Concen: 3.217 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:180 Resp: 5745

Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.8	143.3
145	34.8	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	92040	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	167022	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	140108	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59123	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.970	65	2188	0.799	ug/l		0.02
Spiked Amount 50.000	Range 74 - 125		Recovery = 1.600%#				
35) Dibromofluoromethane	5.391	113	1350	0.721	ug/l		0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 1.440%#				
50) Toluene-d8	8.647	98	3964	0.628	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 1.260%#				
62) 4-Bromofluorobenzene	11.085	95	1250	0.545	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 1.080%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	1211	0.596	ug/l		98
3) Chloromethane	1.307	50	1278	0.639	ug/l		97
4) Vinyl Chloride	1.374	62	1239	0.707	ug/l	#	82
5) Bromomethane	1.593	94	770	0.866	ug/l		88
6) Chloroethane	1.678	64	859	0.951	ug/l		91
7) Trichlorofluoromethane	1.880	101	1959	0.734	ug/l		95
8) Diethyl Ether	2.130	74	742	0.845	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.319	101	1166	0.731	ug/l		96
10) Methyl Iodide	2.441	142	1297	0.692	ug/l	#	87
11) Tert butyl alcohol	2.965	59	1176	3.604	ug/l	#	78
12) 1,1-Dichloroethene	2.313	96	1093	0.704	ug/l	#	87
13) Acrolein	2.233	56	1374	3.625	ug/l		83
14) Allyl chloride	2.654	41	1936	0.660	ug/l		89
15) Acrylonitrile	3.075	53	3343	3.424	ug/l		98
16) Acetone	2.380	43	3500	3.736	ug/l		97
17) Carbon Disulfide	2.508	76	2619	0.728	ug/l		98
18) Methyl Acetate	2.709	43	1852	0.828	ug/l		98
19) Methyl tert-butyl Ether	3.117	73	3588	0.662	ug/l		96
20) Methylene Chloride	2.782	84	1571	0.828	ug/l	#	90
21) trans-1,2-Dichloroethene	3.081	96	1111	0.701	ug/l	#	71
22) Diisopropyl ether	3.757	45	3857	0.703	ug/l	#	26
23) Vinyl Acetate	3.727	43	15283	3.154	ug/l		96
24) 1,1-Dichloroethane	3.605	63	2054	0.637	ug/l		97
25) 2-Butanone	4.593	43	4558	3.371	ug/l		92
26) 2,2-Dichloropropane	4.458	77	1777	0.728	ug/l		84
27) cis-1,2-Dichloroethene	4.483	96	1324	0.693	ug/l		91
28) Bromochloromethane	4.910	49	682	0.398	ug/l	#	63
29) Tetrahydrofuran	5.019	42	2931	3.338	ug/l		99
30) Chloroform	5.093	83	2328	0.695	ug/l		98
31) Cyclohexane	5.458	56	2072	0.763	ug/l		88
32) 1,1,1-Trichloroethane	5.379	97	1869	0.647	ug/l	#	51
36) 1,1-Dichloropropene	5.684	75	1648	0.758	ug/l	#	83
37) Ethyl Acetate	4.733	43	1447	0.531	ug/l	#	72
38) Carbon Tetrachloride	5.678	117	1807	0.724	ug/l	#	78
39) Methylcyclohexane	7.373	83	2096	0.770	ug/l		97
40) Benzene	6.044	78	4502	0.668	ug/l	#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.946	41	778	0.513 ug/l #	56
42) 1,2-Dichloroethane	6.092	62	1934	0.694 ug/l	81
43) Isopropyl Acetate	6.354	43	2553	0.612 ug/l #	81
44) Trichloroethene	7.135	130	1083	0.680 ug/l	85
45) 1,2-Dichloropropane	7.440	63	1059	0.633 ug/l	89
46) Dibromomethane	7.586	93	880	0.667 ug/l	97
47) Bromodichloromethane	7.818	83	1620	0.633 ug/l #	91
48) Methyl methacrylate	7.714	41	1033	0.483 ug/l #	71
49) 1,4-Dioxane	7.677	88	498	11.703 ug/l #	66
51) 4-Methyl-2-Pentanone	8.580	43	9378	3.430 ug/l	97
52) Toluene	8.720	92	2684	0.672 ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1238	0.576 ug/l #	79
54) cis-1,3-Dichloropropene	8.379	75	1414	0.564 ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1029	0.637 ug/l	92
56) Ethyl methacrylate	9.128	69	1260	0.504 ug/l #	76
57) 1,3-Dichloropropane	9.311	76	2036	0.711 ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	3846	3.420 ug/l	94
59) 2-Hexanone	9.439	43	6424	3.096 ug/l	88
60) Dibromochloromethane	9.525	129	1023	0.582 ug/l	93
61) 1,2-Dibromoethane	9.610	107	1077	0.650 ug/l	98
64) Tetrachloroethene	9.275	164	972	0.679 ug/l	95
65) Chlorobenzene	10.079	112	3170	0.735 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	1035	0.720 ug/l #	67
67) Ethyl Benzene	10.195	91	5052	0.687 ug/l	94
68) m/p-Xylenes	10.299	106	3630	1.367 ug/l	97
69) o-Xylene	10.640	106	1799	0.672 ug/l	94
70) Styrene	10.659	104	2664	0.622 ug/l	98
71) Bromoform	10.799	173	657	0.608 ug/l #	100
73) Isopropylbenzene	10.963	105	4480	0.695 ug/l	96
74) N-amyl acetate	10.854	43	2028	0.631 ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1835	0.800 ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1858	0.754 ug/l	77
77) Bromobenzene	11.201	156	1095	0.734 ug/l	96
78) n-propylbenzene	11.305	91	5052	0.699 ug/l	97
79) 2-Chlorotoluene	11.360	91	3765	0.773 ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	3590	0.671 ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	252	0.425 ug/l #	71
82) 4-Chlorotoluene	11.457	91	3815	0.713 ug/l	97
83) tert-Butylbenzene	11.713	119	3951	0.751 ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3725	0.697 ug/l	97
85) sec-Butylbenzene	11.890	105	4385	0.672 ug/l	100
86) p-Isopropyltoluene	12.006	119	3577	0.679 ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	1914	0.689 ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	1914	0.703 ug/l	98
89) n-Butylbenzene	12.335	91	2889	0.631 ug/l	92
90) Hexachloroethane	12.536	117	604	0.616 ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	2022	0.747 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	306	0.586 ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	1019	0.688 ug/l	94
94) Hexachlorobutadiene	13.725	225	465	0.671 ug/l	89
95) Naphthalene	13.780	128	4138	0.767 ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.716 ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

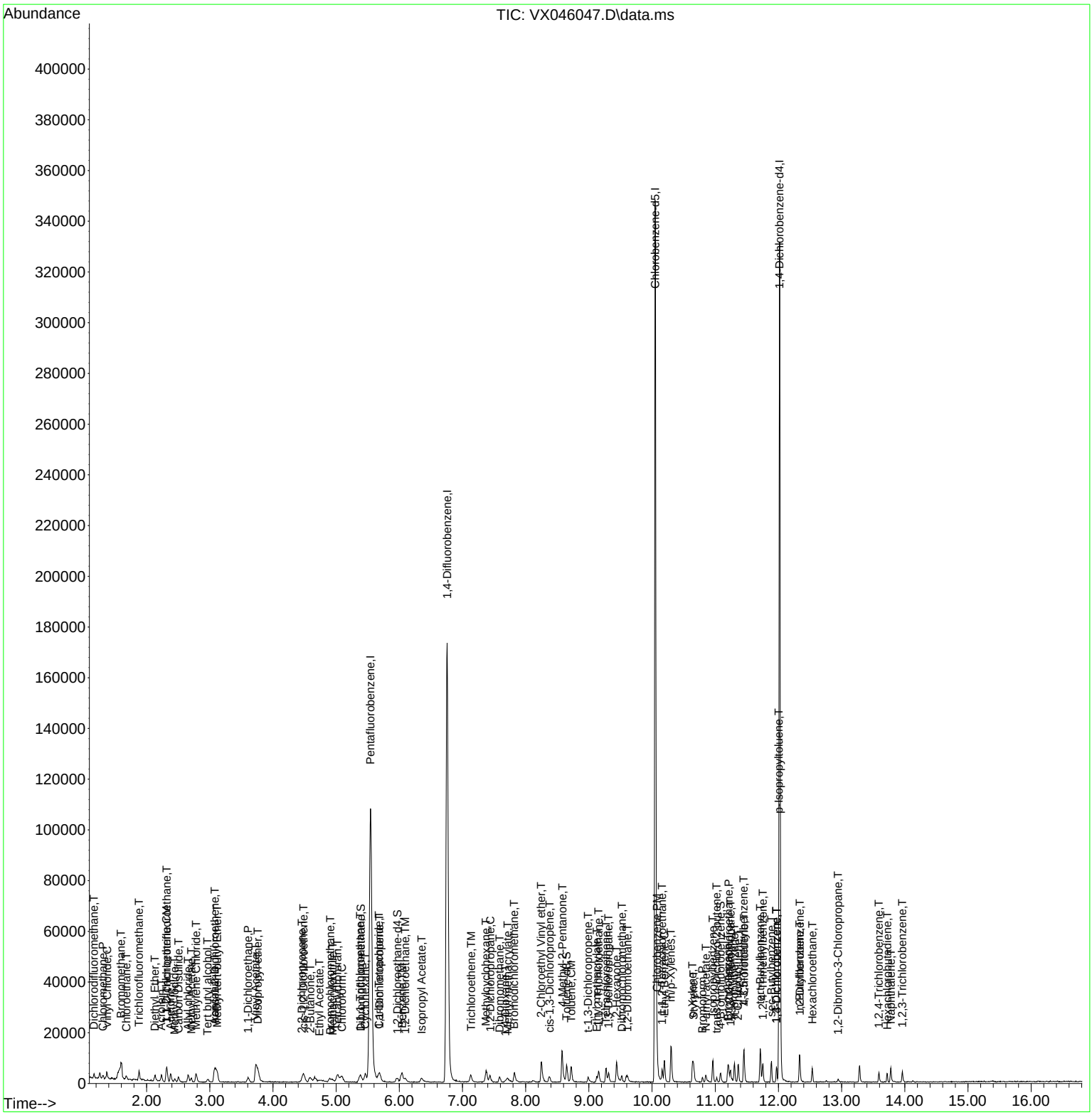
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

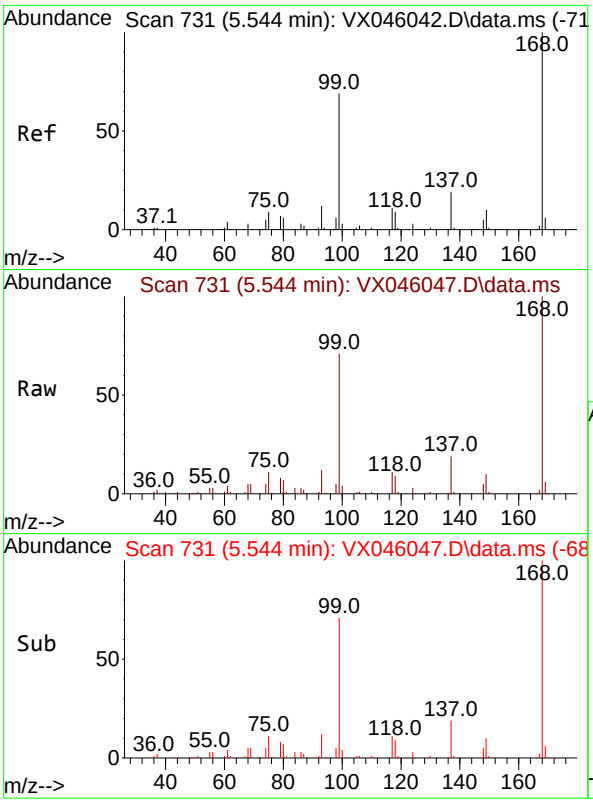
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046047.D
Acq On : 05 May 2025 16:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 06 06:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration



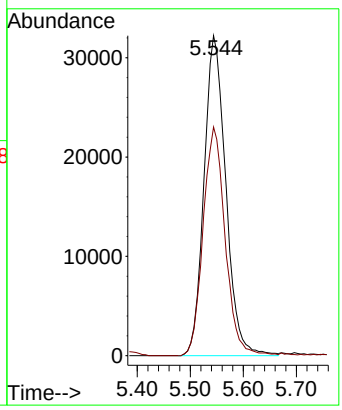


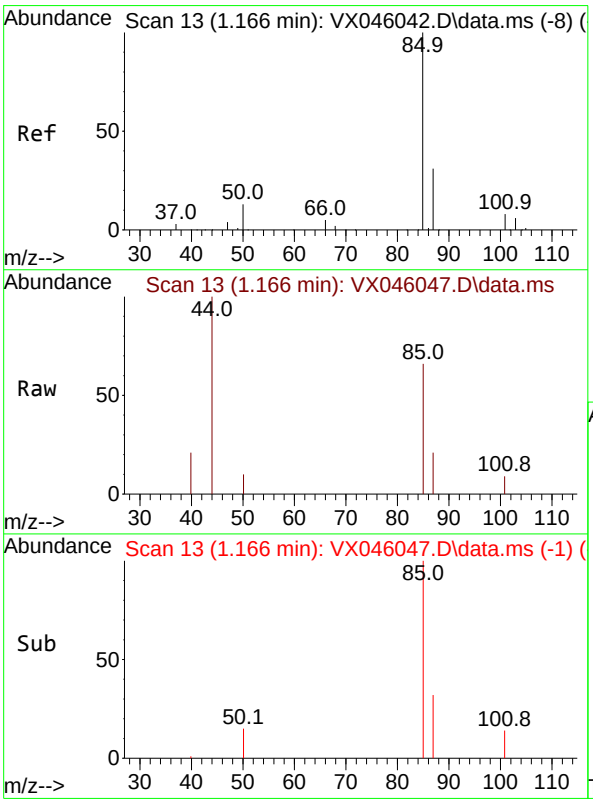
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 92040

Ion	Ratio	Lower	Upper
168	100		
99	71.5	54.9	82.3

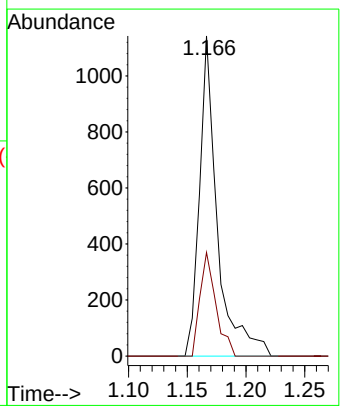


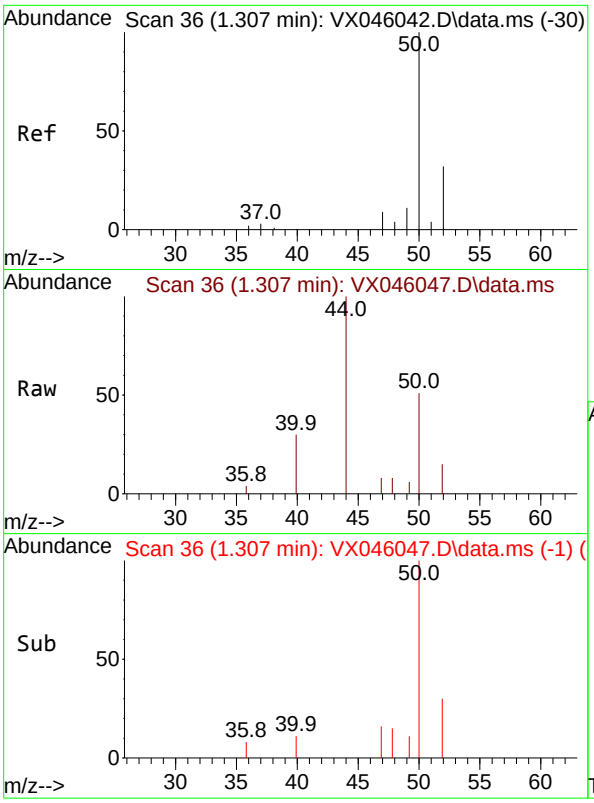


#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 85 Resp: 1211

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.7	47.1



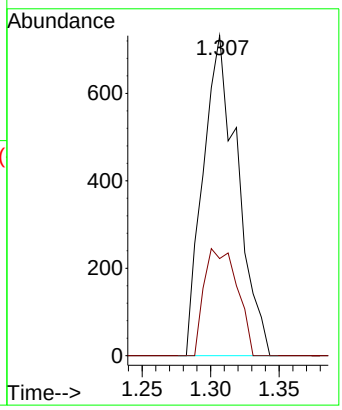


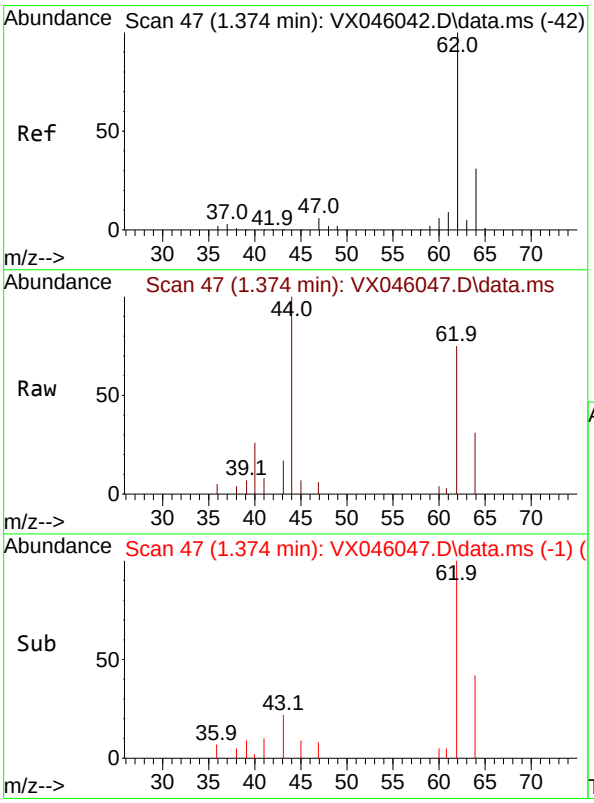
#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.307 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1278

Ion	Ratio	Lower	Upper
50	100		
52	30.3	25.4	38.2

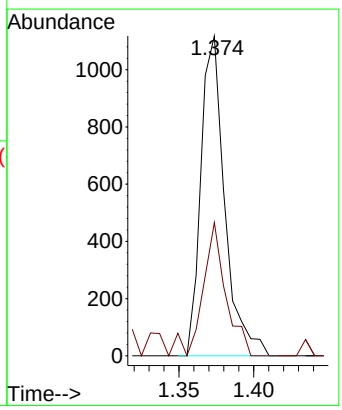


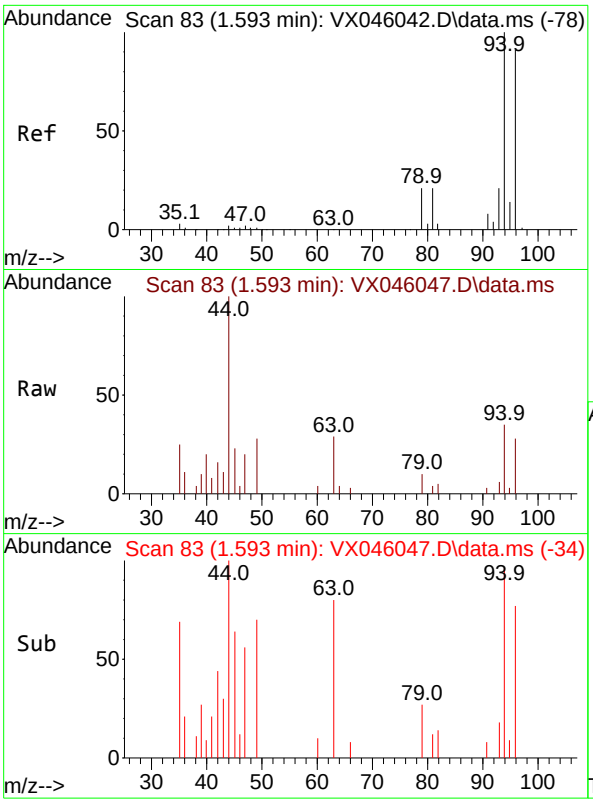


#4
Vinyl Chloride
Concen: 0.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 62 Resp: 1239

Ion	Ratio	Lower	Upper
62	100		
64	41.7	25.2	37.8#



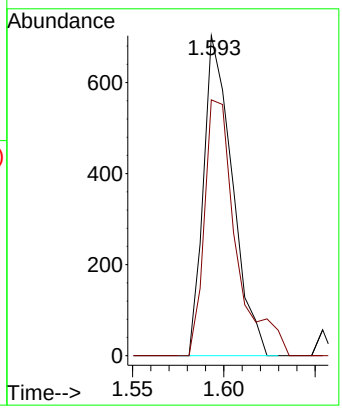


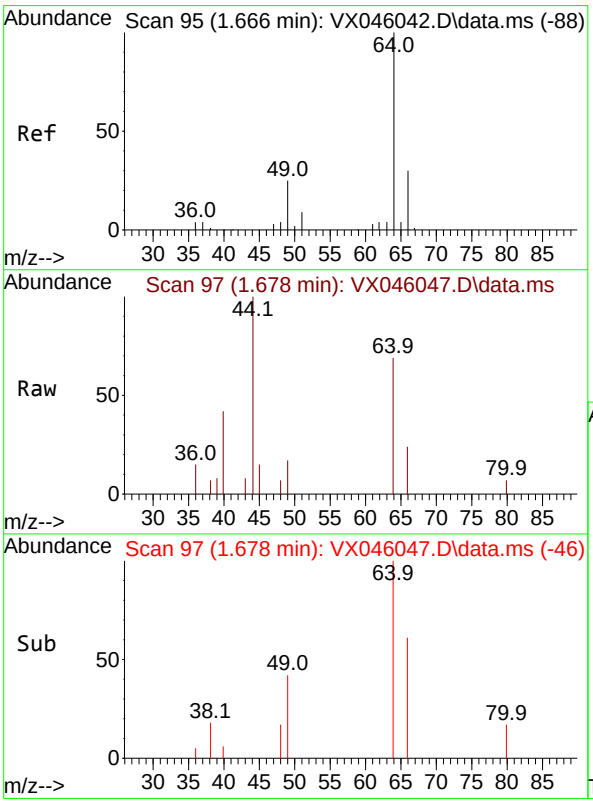
#5
Bromomethane
Concen: 0.866 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 770

Ion	Ratio	Lower	Upper
94	100		
96	79.9	72.8	109.2

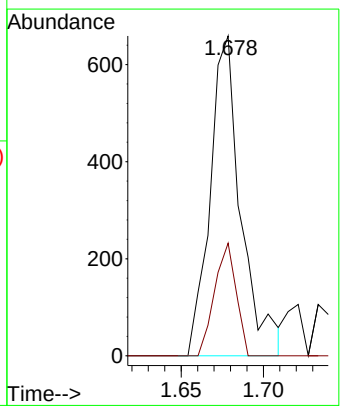


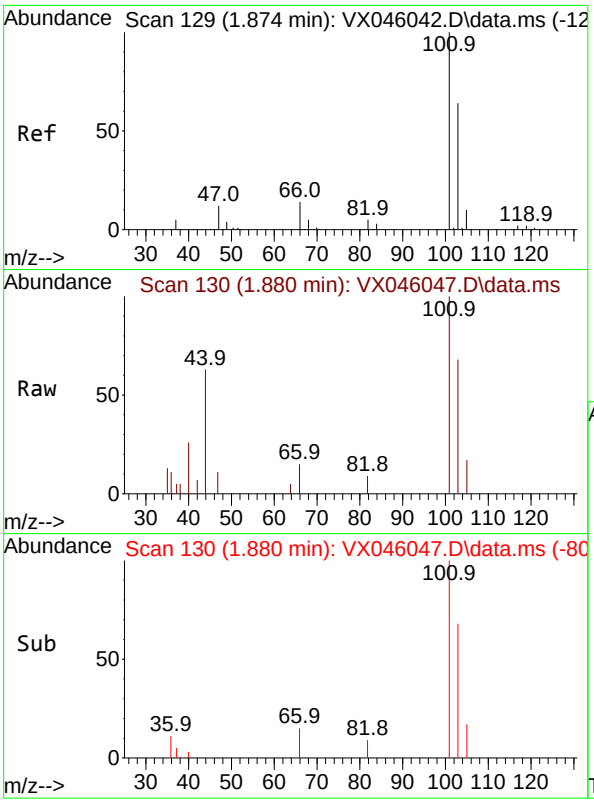


#6
Chloroethane
Concen: 0.951 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 64 Resp: 859

Ion	Ratio	Lower	Upper
64	100		
66	35.2	24.3	36.5



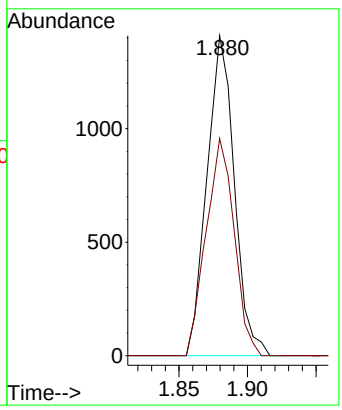


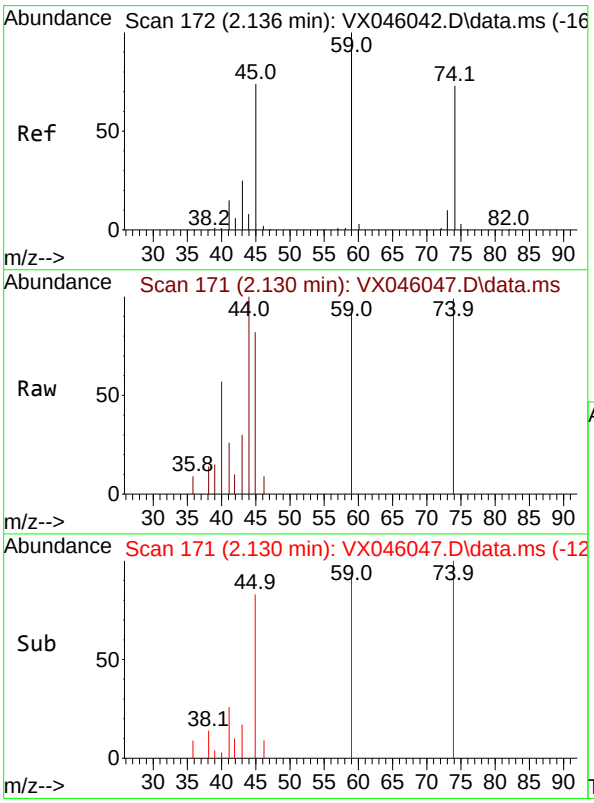
#7
Trichlorofluoromethane
Concen: 0.734 ug/l
RT: 1.880 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1959

Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.0	76.4

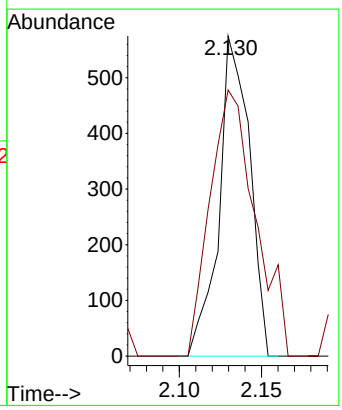


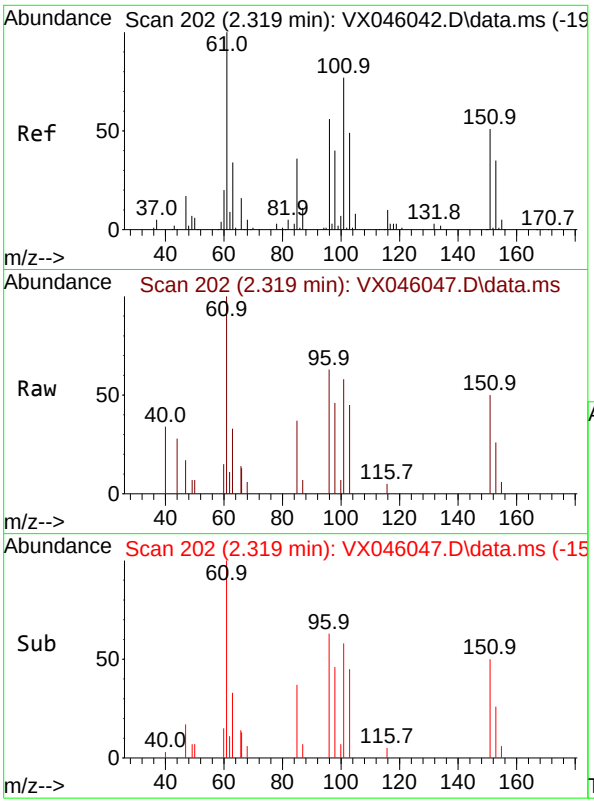


#8
Diethyl Ether
Concen: 0.845 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 74 Resp: 742

Ion	Ratio	Lower	Upper
74	100		
45	123.6	54.9	164.8



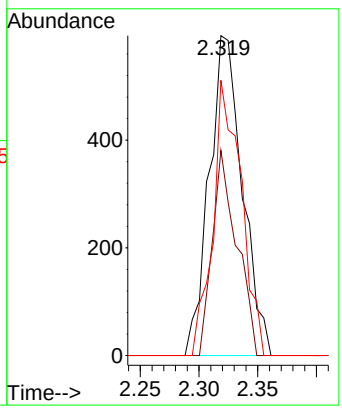


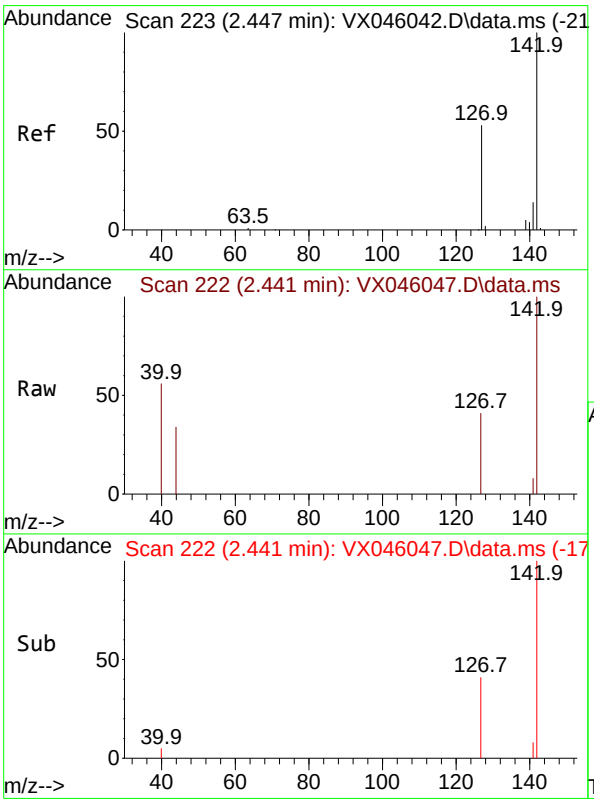
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.731 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1166

Ion	Ratio	Lower	Upper
101	100		
85	47.3	38.6	58.0
151	73.1	55.2	82.8

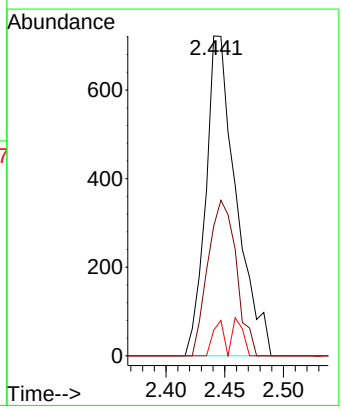


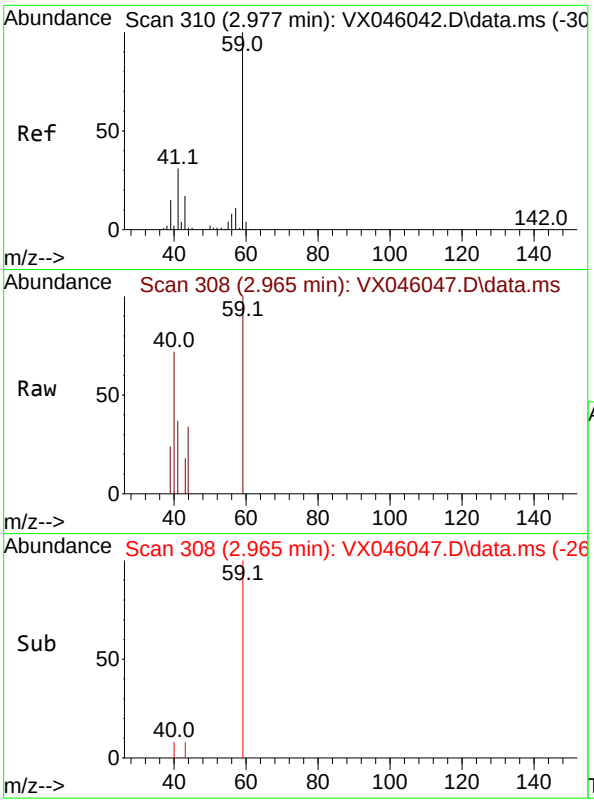


#10
Methyl Iodide
Concen: 0.692 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:142 Resp: 1297

Ion	Ratio	Lower	Upper
142	100		
127	45.5	41.7	62.5
141	3.9	11.5	17.3#



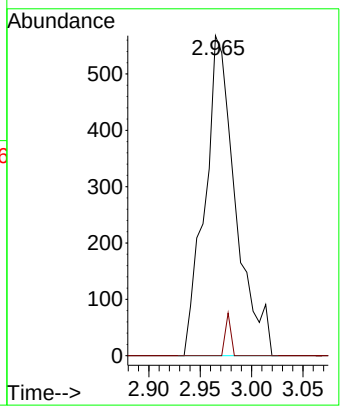


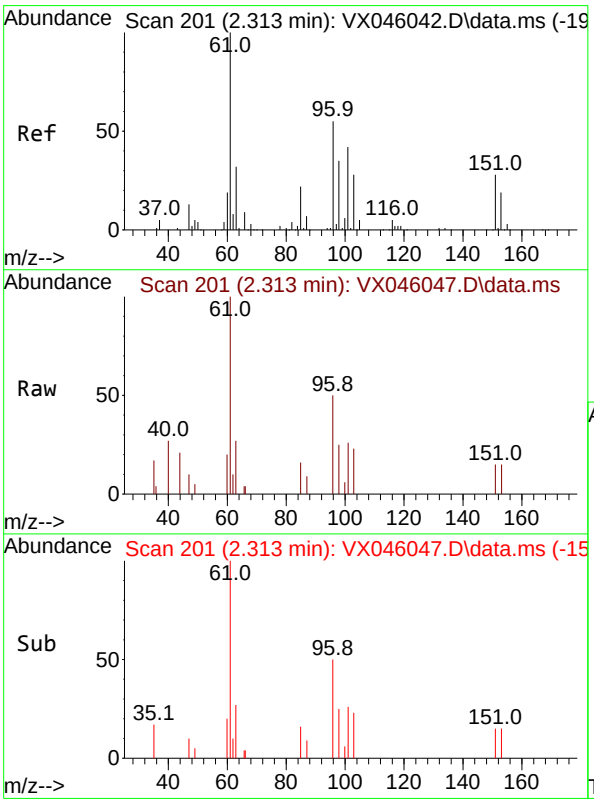
#11
Tert butyl alcohol
Concen: 3.604 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1176

Ion	Ratio	Lower	Upper
59	100		
57	2.4	8.6	12.8#

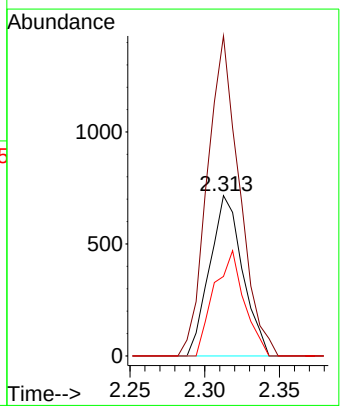


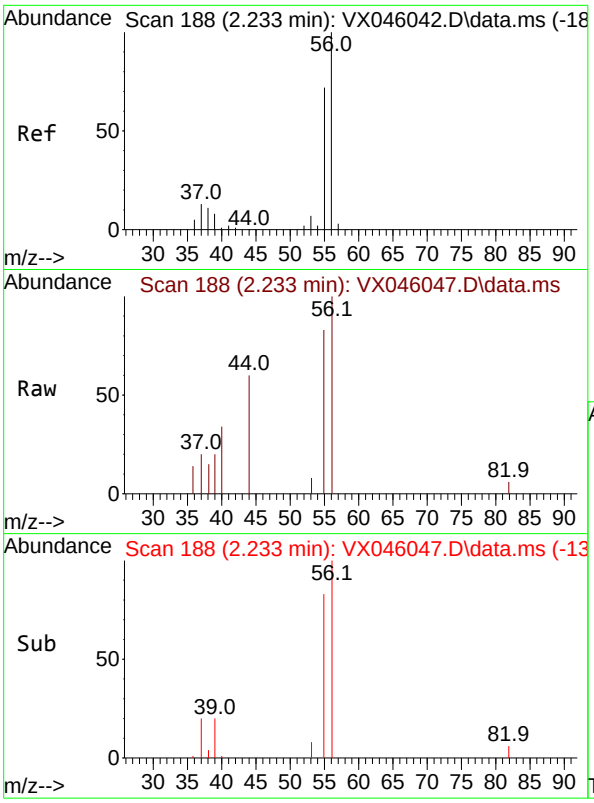


#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 96 Resp: 1093

Ion	Ratio	Lower	Upper
96	100		
61	199.6	146.2	219.2
98	49.6	51.0	76.6#



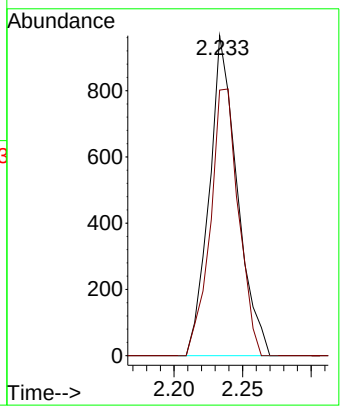


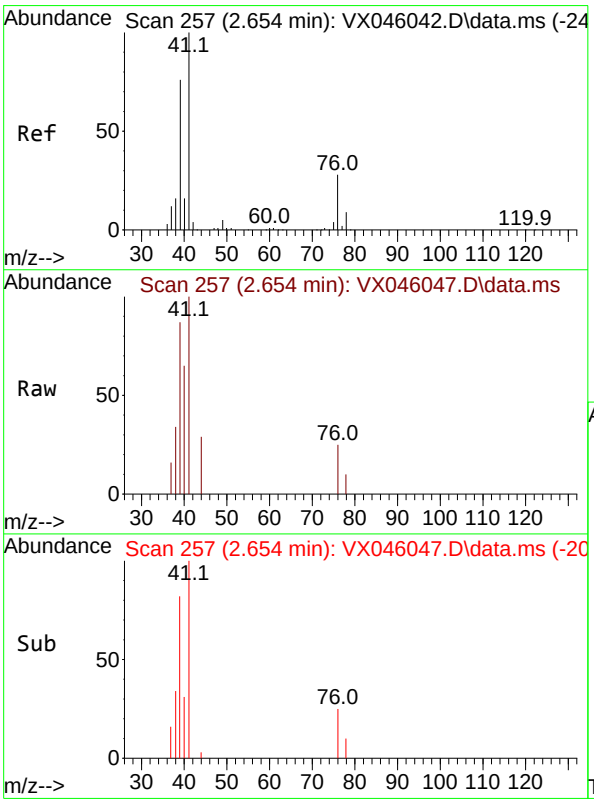
#13
Acrolein
Concen: 3.625 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1374

Ion	Ratio	Lower	Upper
56	100		
55	83.9	56.2	84.4

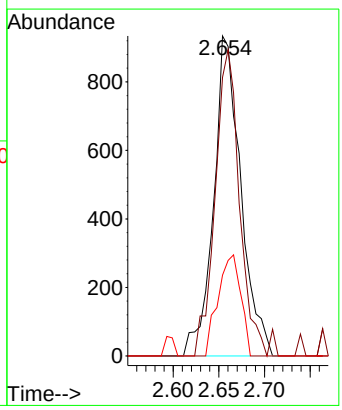


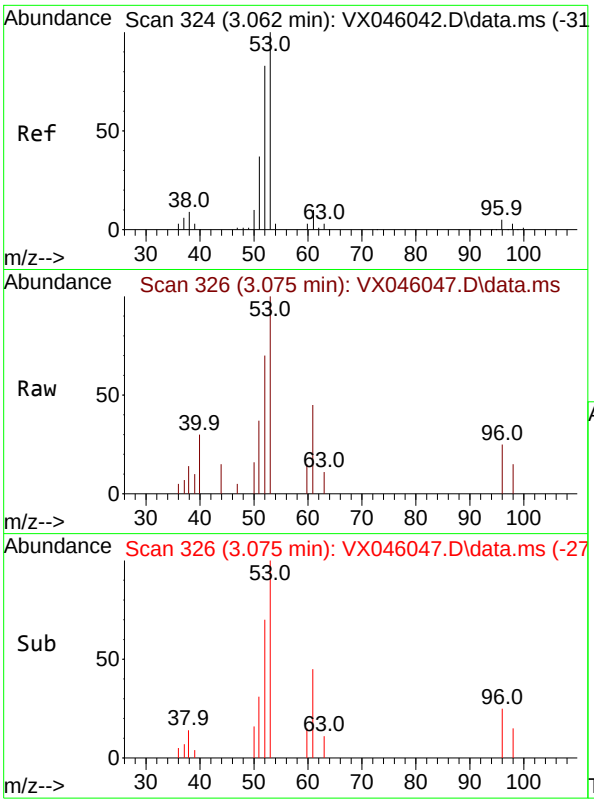


#14
Allyl chloride
Concen: 0.660 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 1936

Ion	Ratio	Lower	Upper
41	100		
39	85.5	60.6	90.8
76	26.4	24.9	37.3



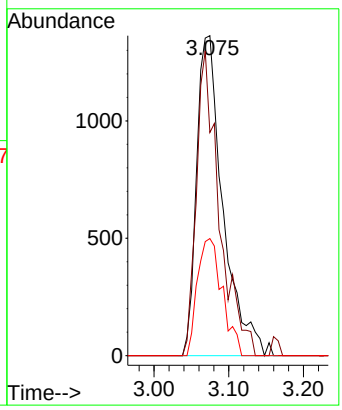


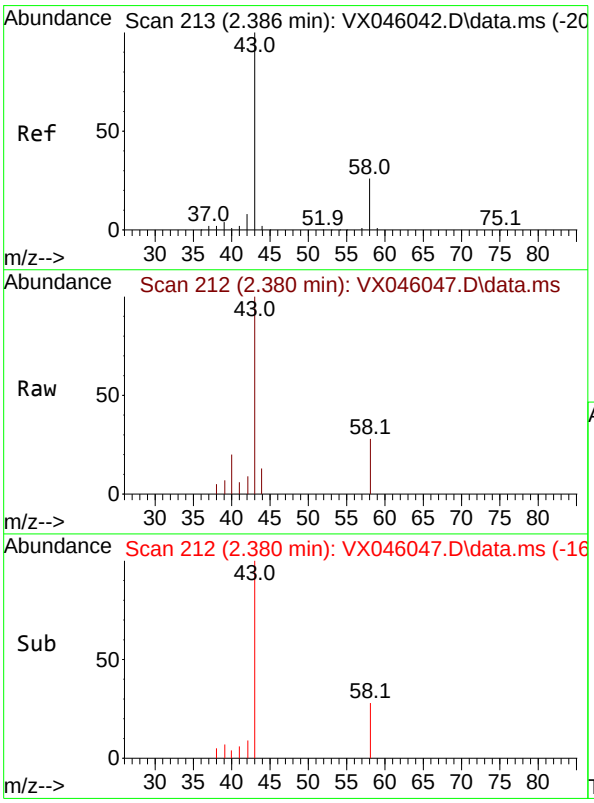
#15
Acrylonitrile
Concen: 3.424 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 3343

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	34.4	29.8	44.8

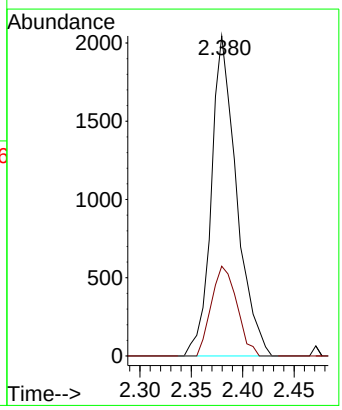


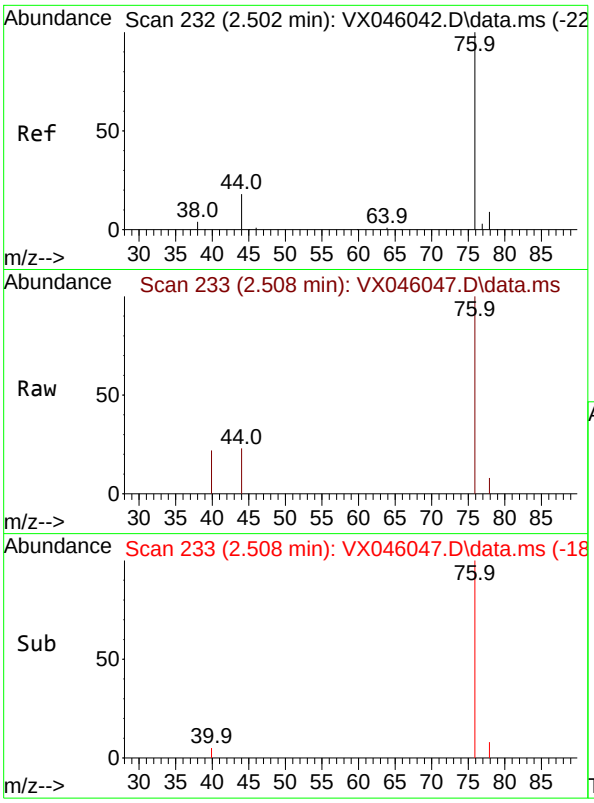


#16
Acetone
Concen: 3.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 3500

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8



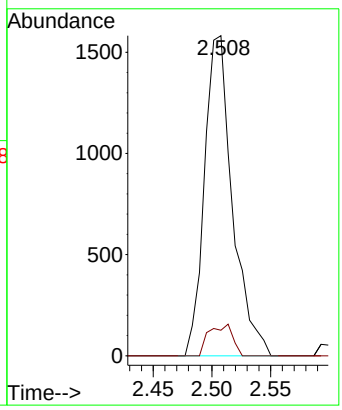


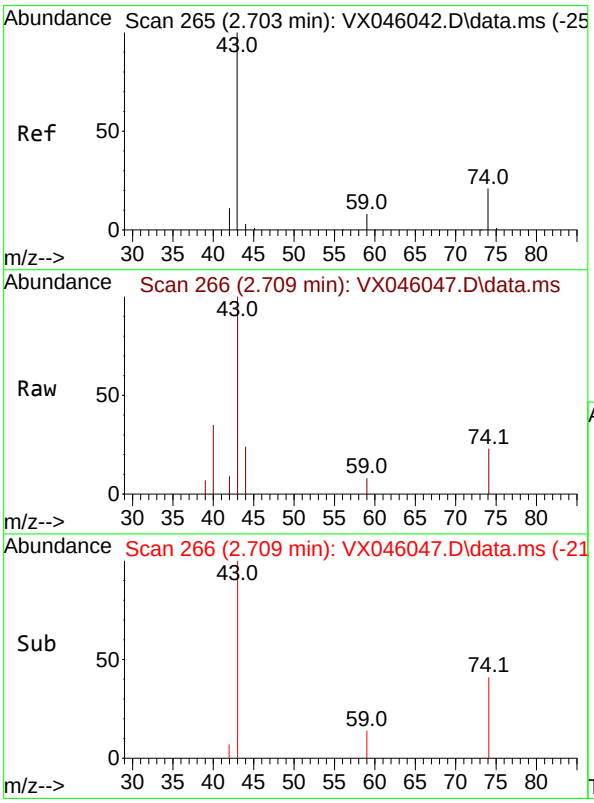
#17
Carbon Disulfide
Concen: 0.728 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2619

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.4

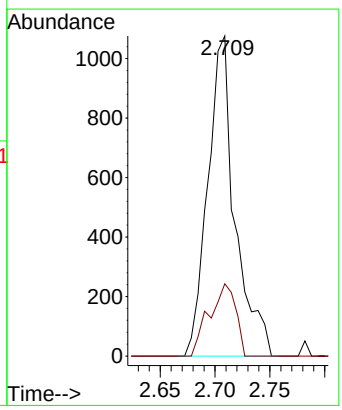


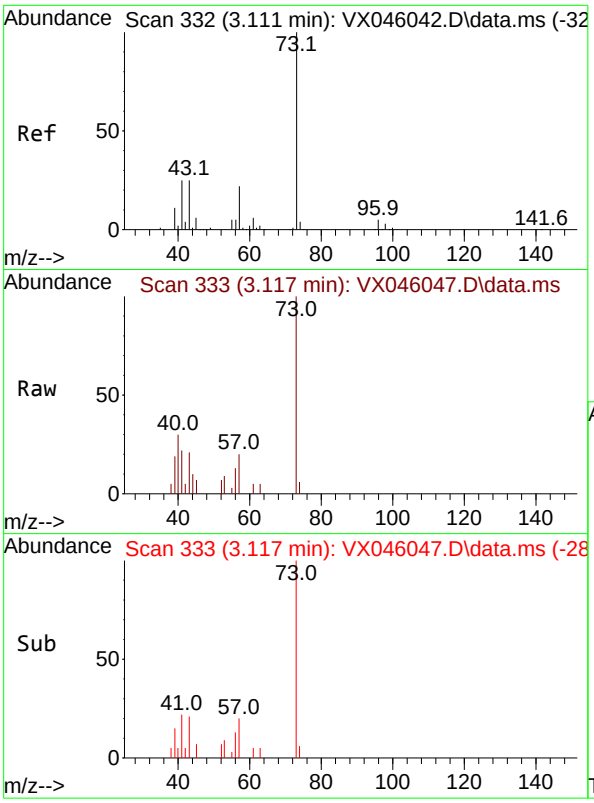


#18
Methyl Acetate
Concen: 0.828 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1



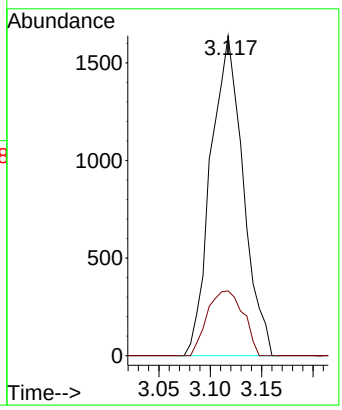


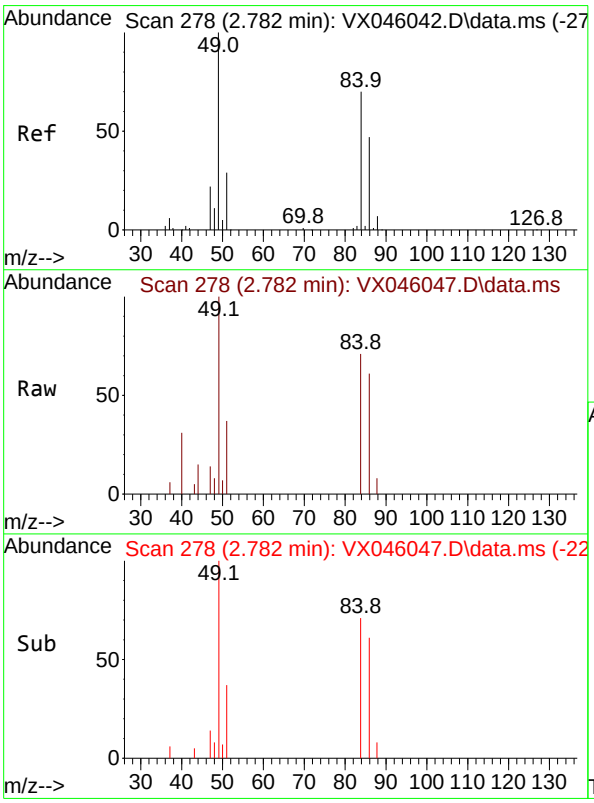
#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 3588

Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5

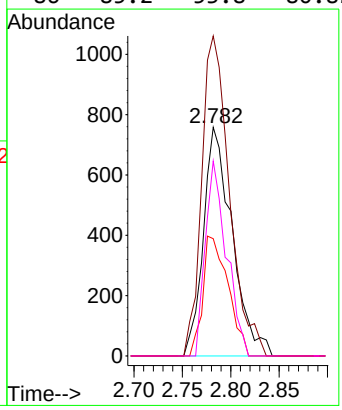


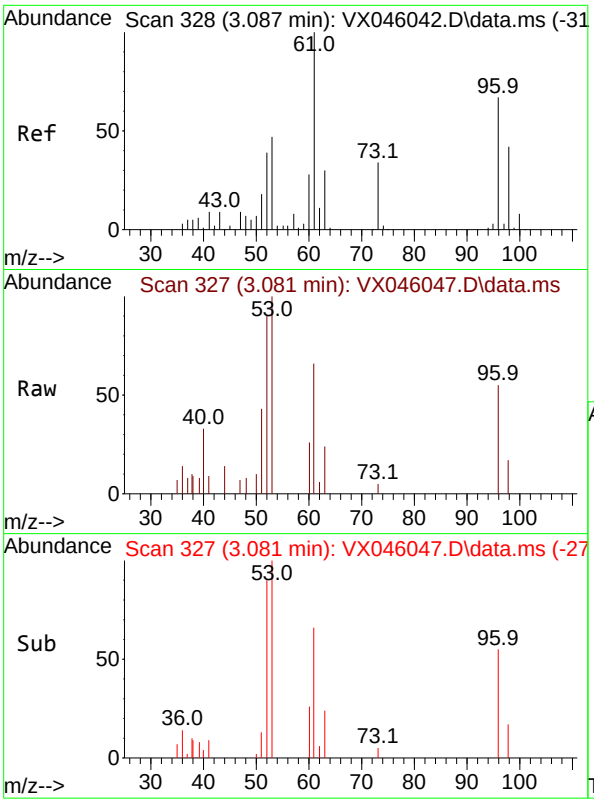


#20
Methylene Chloride
Concen: 0.828 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 84 Resp: 1571

Ion	Ratio	Lower	Upper
84	100		
49	140.0	113.9	170.9
51	51.3	33.5	50.3#
86	85.2	53.8	80.8#



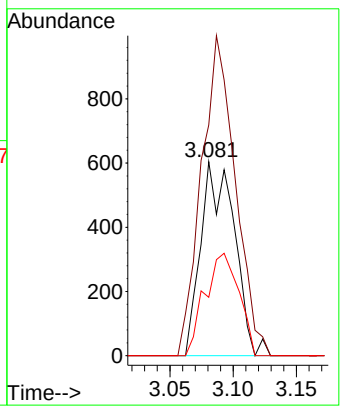


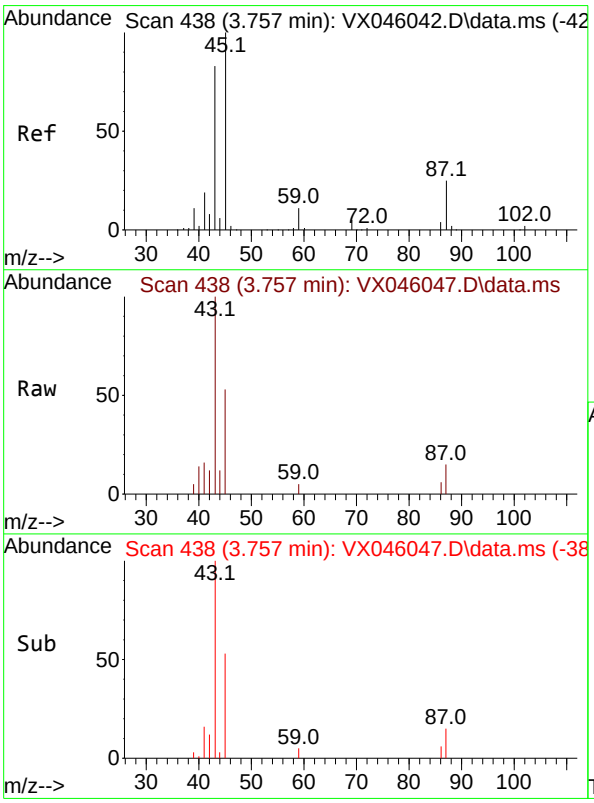
#21
trans-1,2-Dichloroethene
Concen: 0.701 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1111

Ion	Ratio	Lower	Upper
96	100		
61	119.0	119.5	179.3#
98	30.1	50.0	75.0#

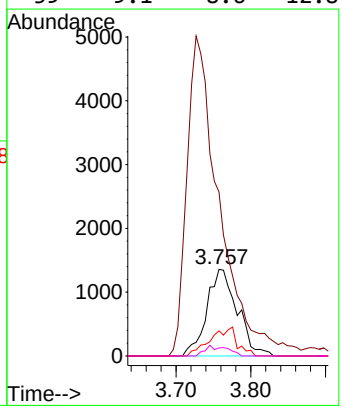


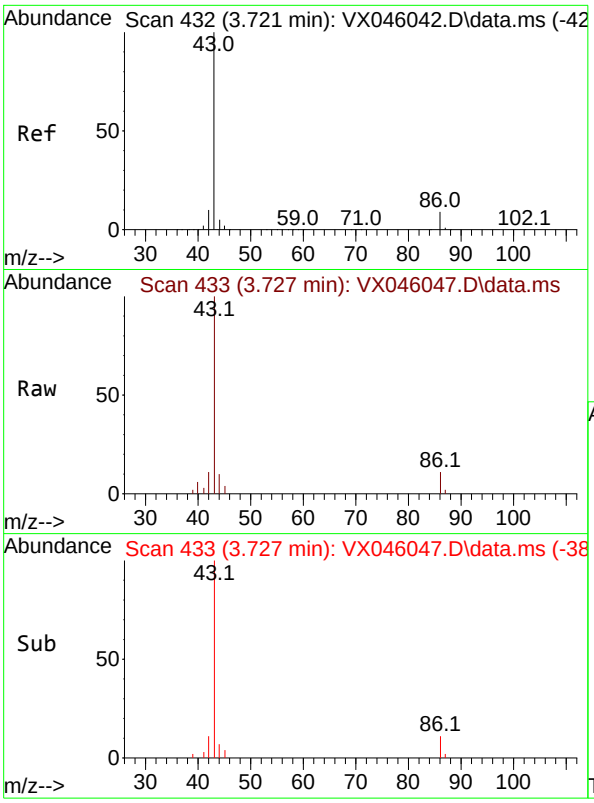


#22
Diisopropyl ether
Concen: 0.703 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 45 Resp: 3857

Ion	Ratio	Lower	Upper
45	100		
43	176.2	66.6	100.0#
87	28.9	19.8	29.6
59	9.1	8.6	12.8



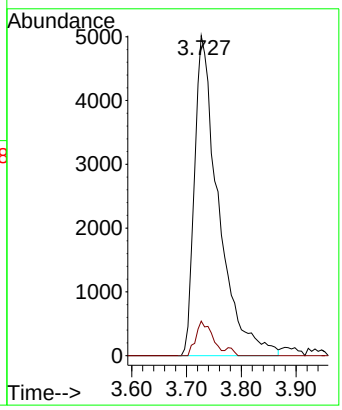


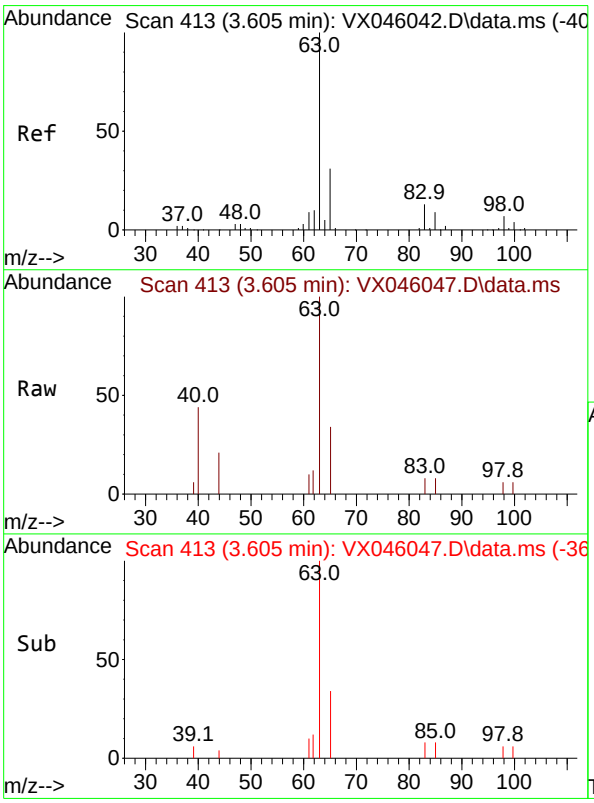
#23
Vinyl Acetate
Concen: 3.154 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 15283

Ion	Ratio	Lower	Upper
43	100		
86	10.8	7.5	11.3

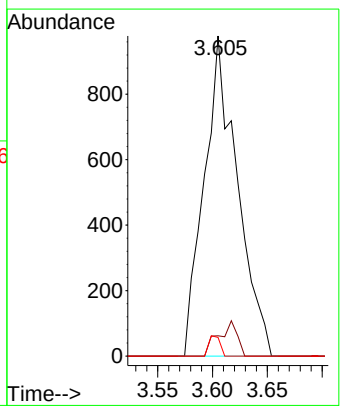


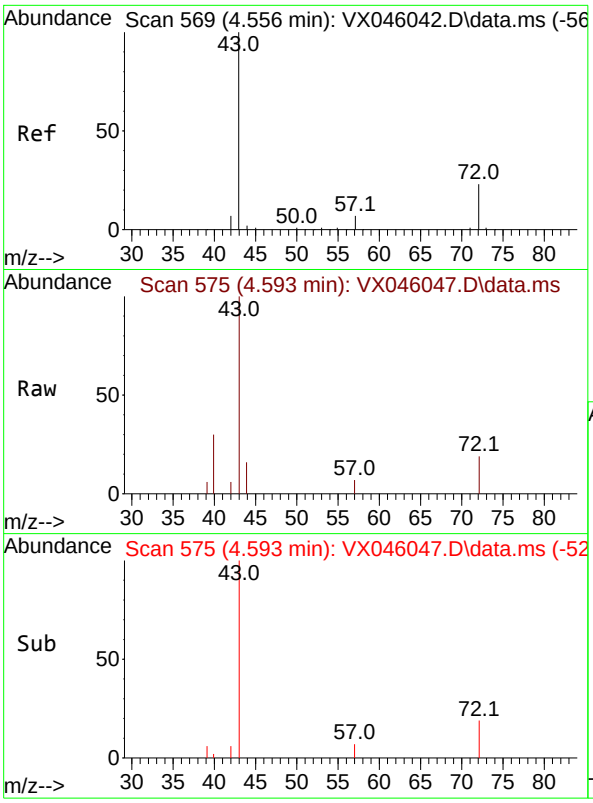


#24
1,1-Dichloroethane
Concen: 0.637 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 63 Resp: 2054

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.6	10.8
100	5.8	2.1	6.3



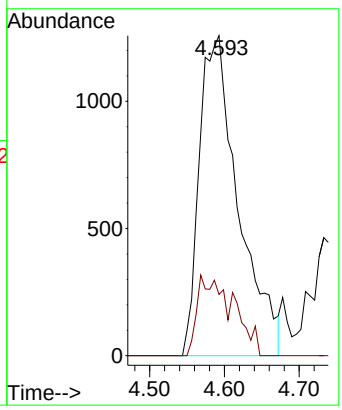


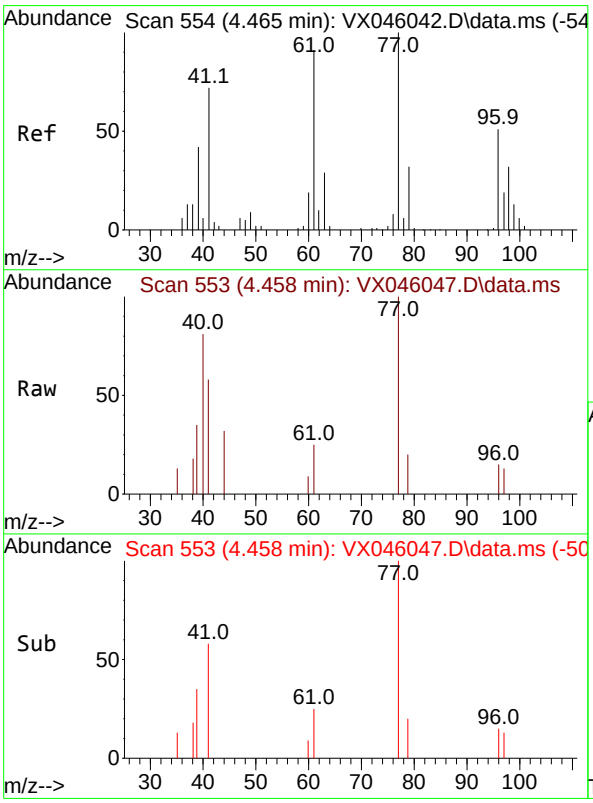
#25
2-Butanone
Concen: 3.371 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 4558

Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.4	27.6

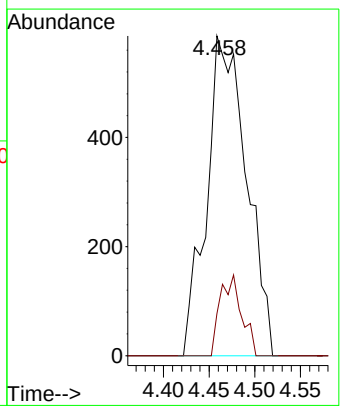


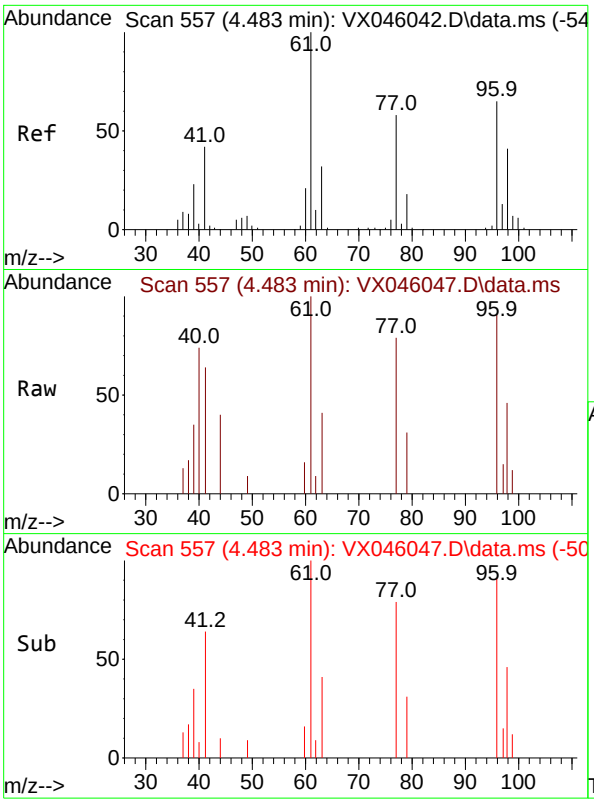


#26
2,2-Dichloropropane
Concen: 0.728 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 77 Resp: 1777

Ion	Ratio	Lower	Upper
77	100		
97	13.7	10.5	31.5



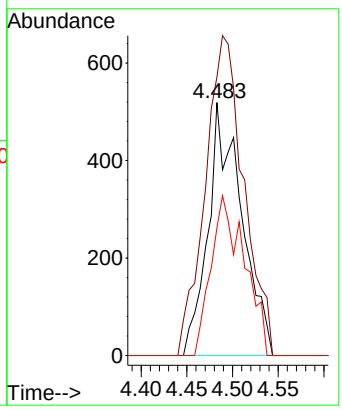


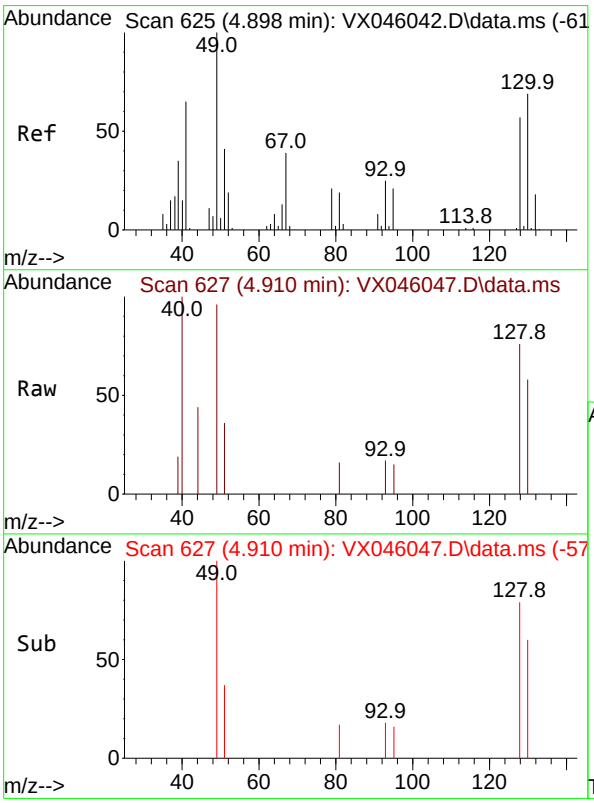
#27
cis-1,2-Dichloroethene
Concen: 0.693 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 1324

Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	322.8
98	63.1	0.0	129.0

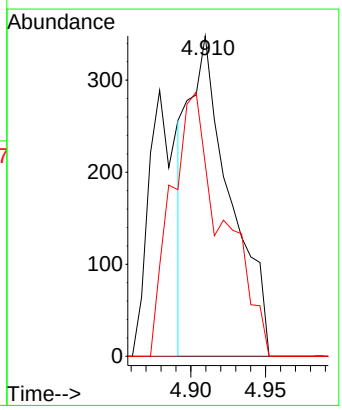


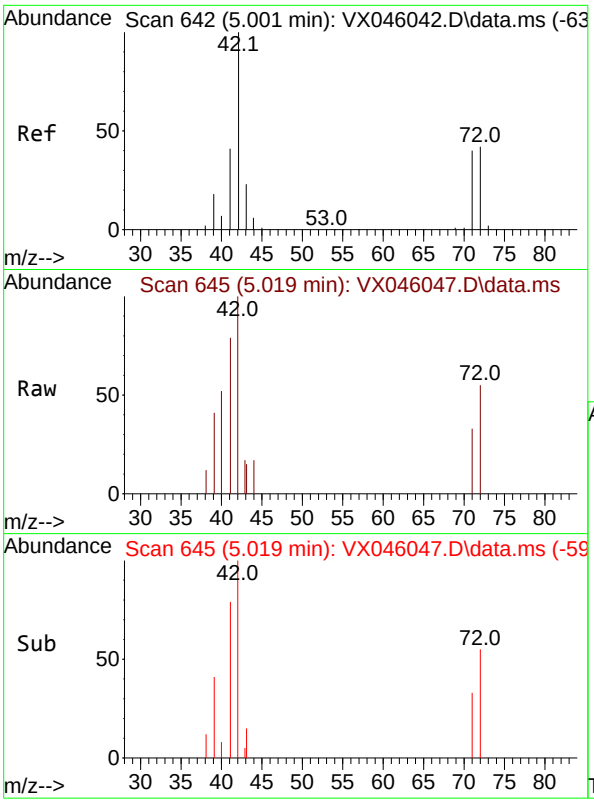


#28
Bromochloromethane
Concen: 0.398 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 49 Resp: 682

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	101.6	56.2	84.2#



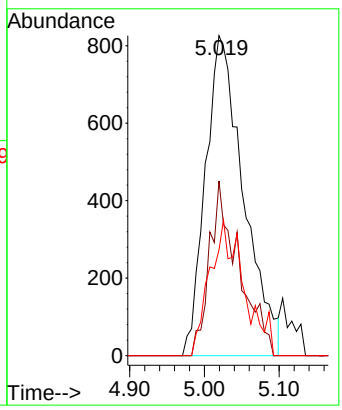


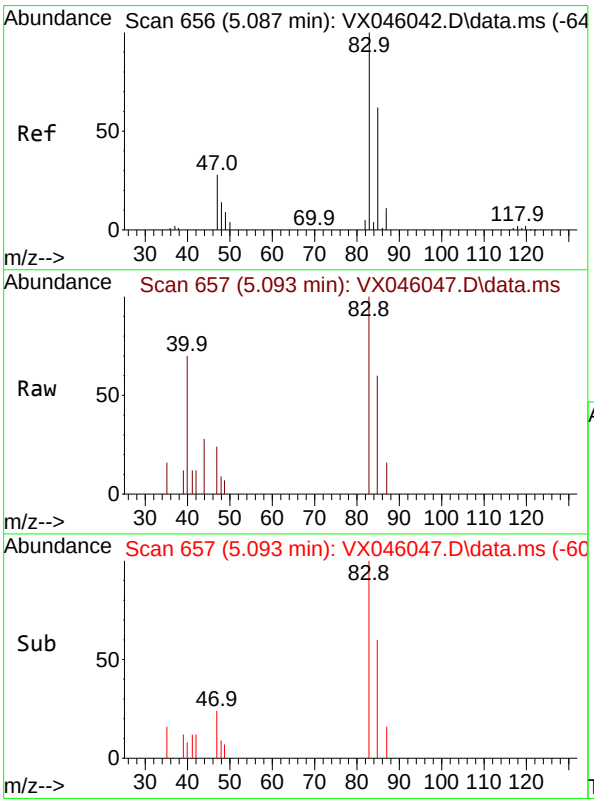
#29
Tetrahydrofuran
Concen: 3.338 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 2931

Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.7	50.5
71	37.7	31.4	47.2

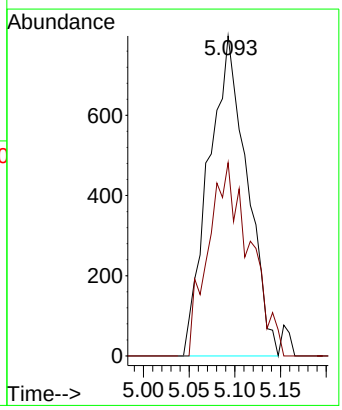


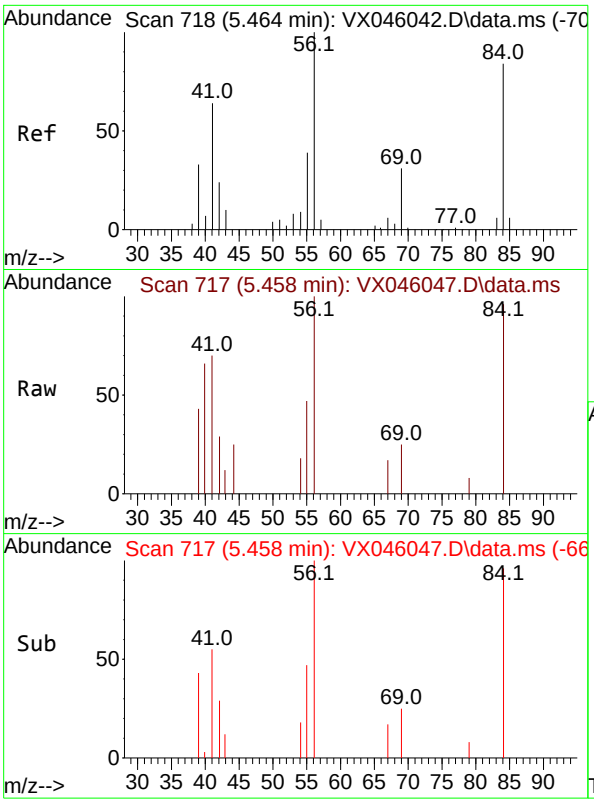


#30
Chloroform
Concen: 0.695 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 2328

Ion	Ratio	Lower	Upper
83	100		
85	60.4	49.3	73.9



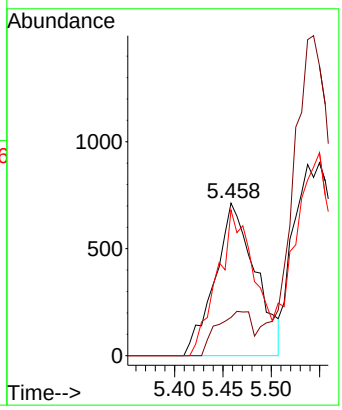


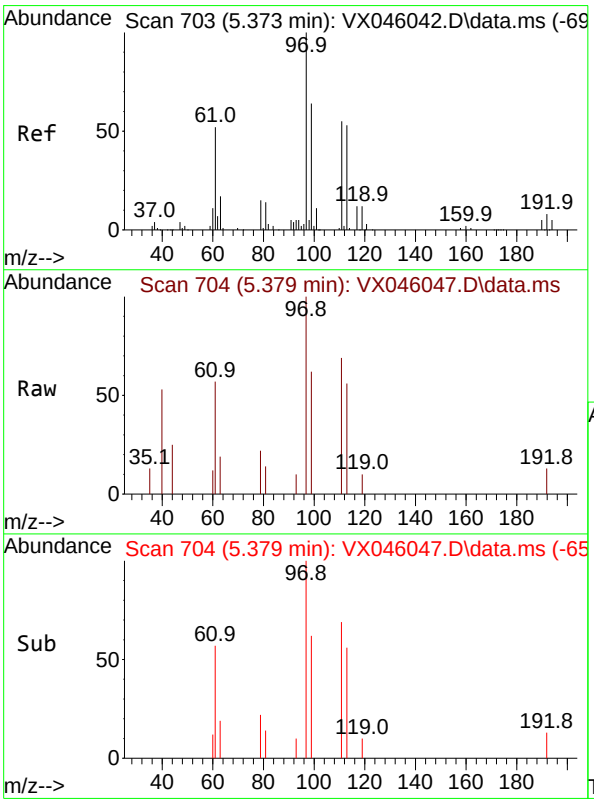
#31
Cyclohexane
Concen: 0.763 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2072

Ion	Ratio	Lower	Upper
56	100		
69	25.1	24.4	36.6
84	95.5	66.9	100.3

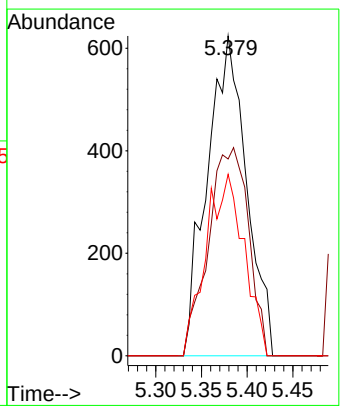


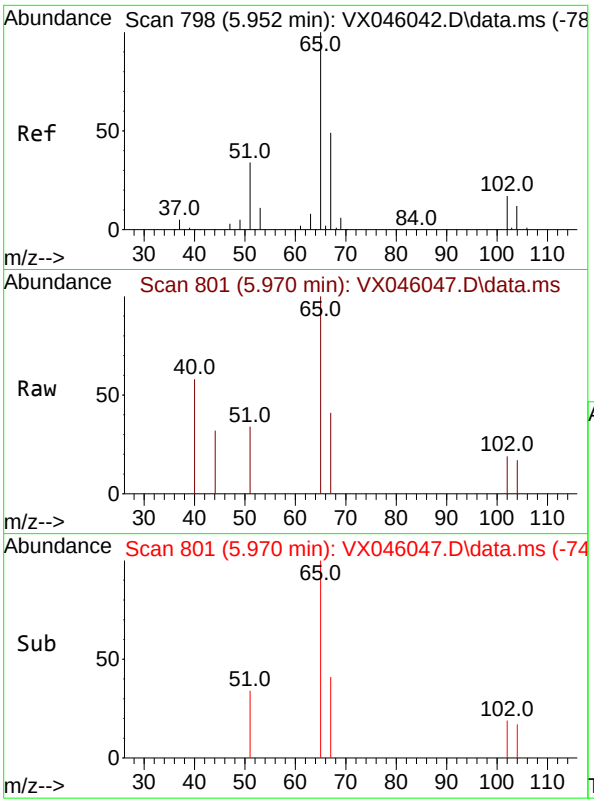


#32
1,1,1-Trichloroethane
Concen: 0.647 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 97 Resp: 1869

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6#
61	55.0	40.1	60.1



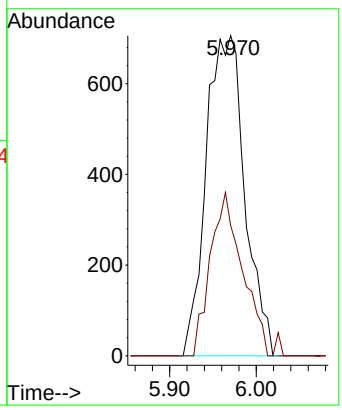


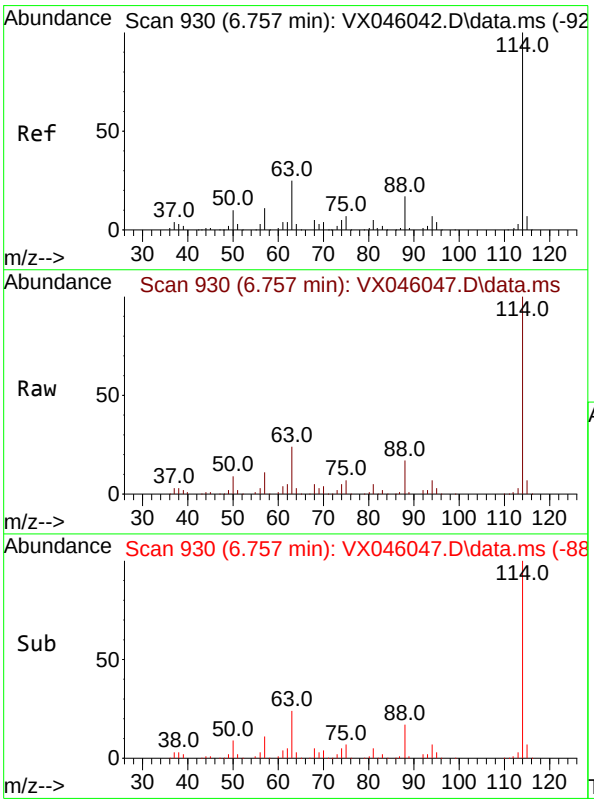
#33
1,2-Dichloroethane-d4
Concen: 0.799 ug/l
RT: 5.970 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 2188

Ion	Ratio	Lower	Upper
65	100		
67	42.3	0.0	99.0

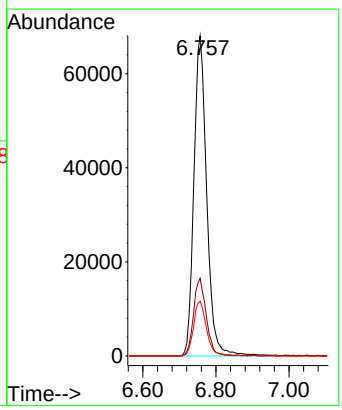


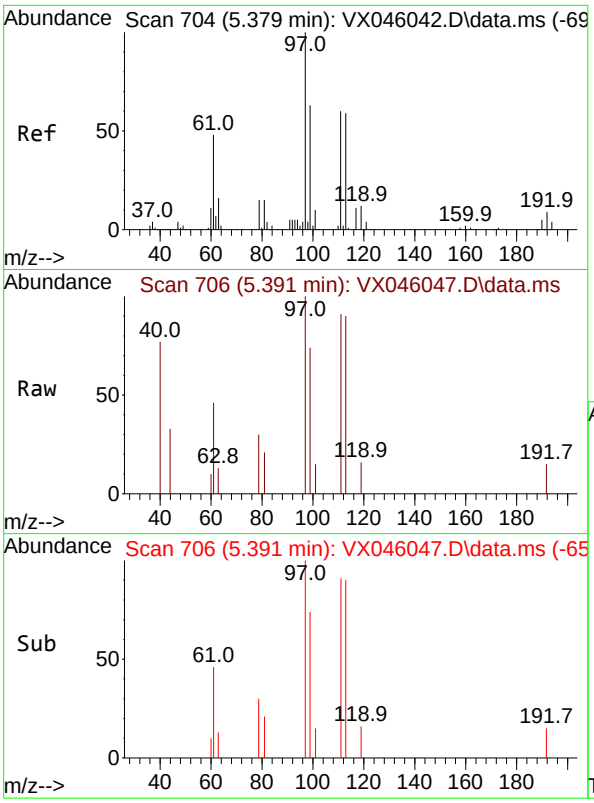


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:114 Resp: 167022

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	49.2
88	17.1	0.0	33.6



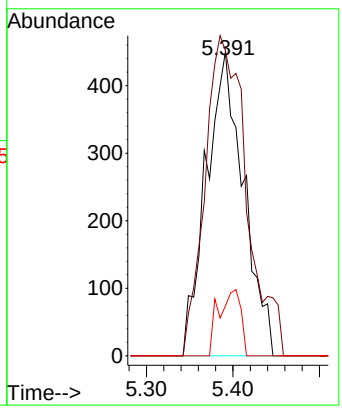


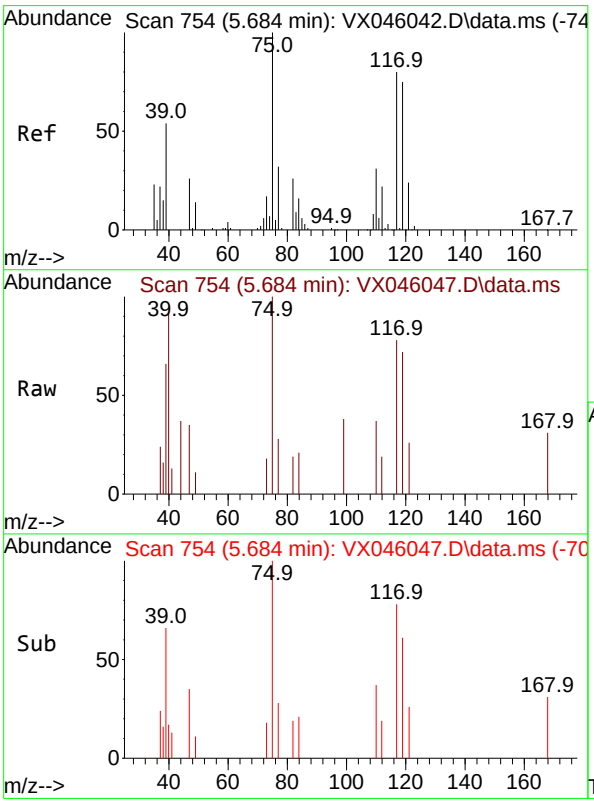
#35
Dibromofluoromethane
Concen: 0.721 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 1350

Ion	Ratio	Lower	Upper
113	100		
111	117.0	83.1	124.7
192	12.8	13.3	19.9#

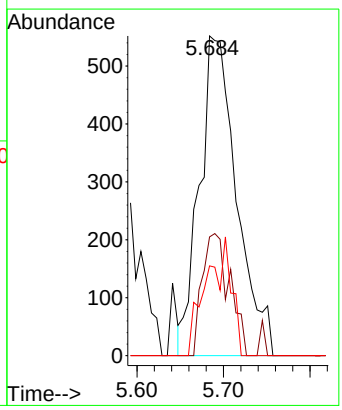


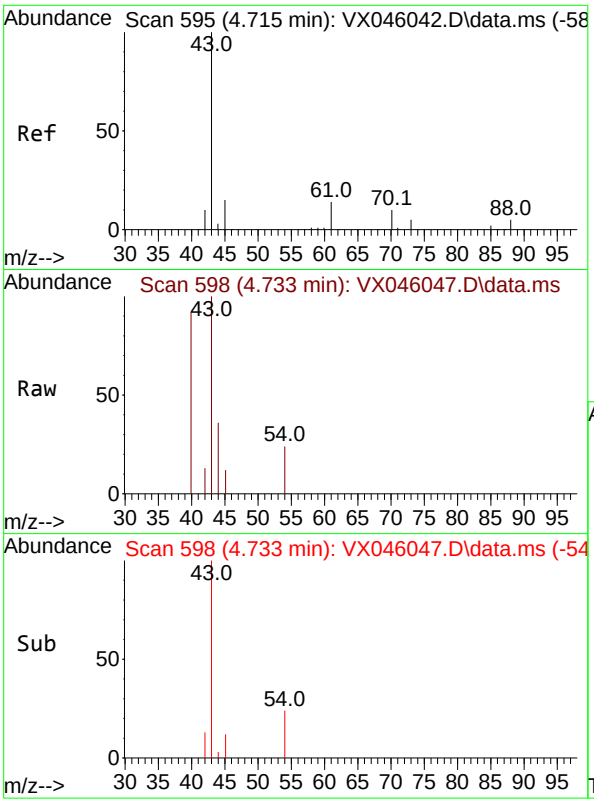


#36
1,1-Dichloropropene
Concen: 0.758 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1648

Ion	Ratio	Lower	Upper
75	100		
110	28.2	16.3	48.9
77	15.8	24.3	36.5#



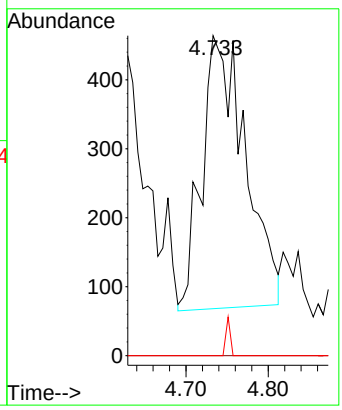


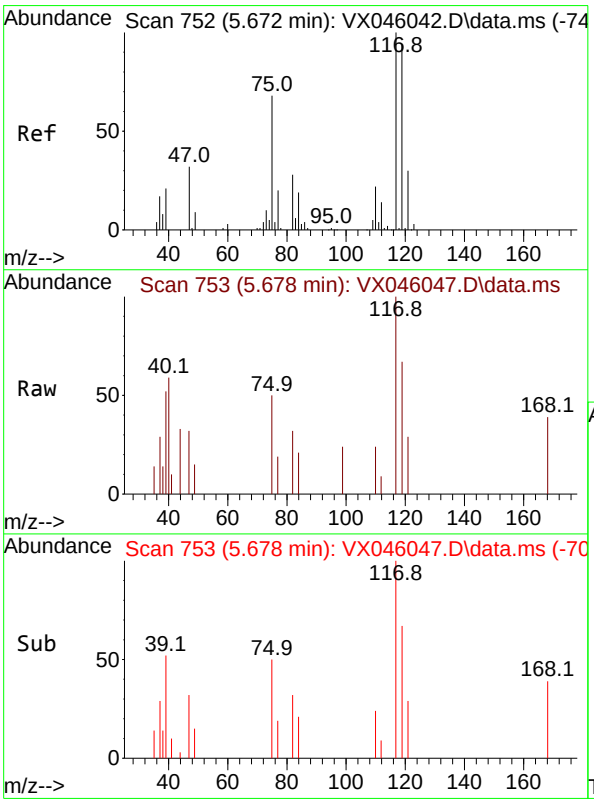
#37
Ethyl Acetate
Concen: 0.531 ug/l
RT: 4.733 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1447

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	1.4	7.9	11.9#

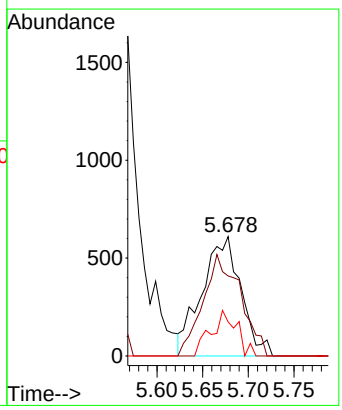


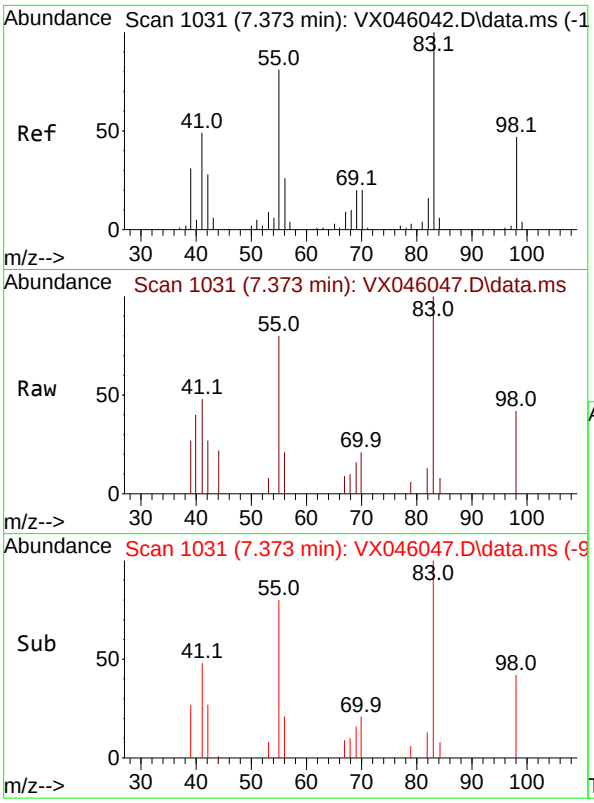


#38
Carbon Tetrachloride
Concen: 0.724 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:117 Resp: 1807

Ion	Ratio	Lower	Upper
117	100		
119	67.0	75.2	112.8#
121	28.5	24.2	36.4



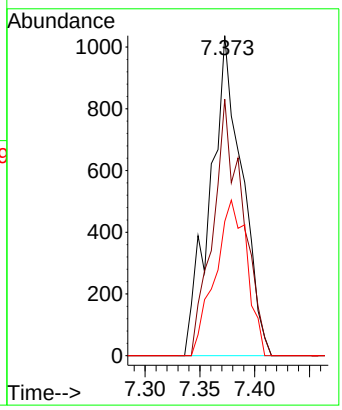


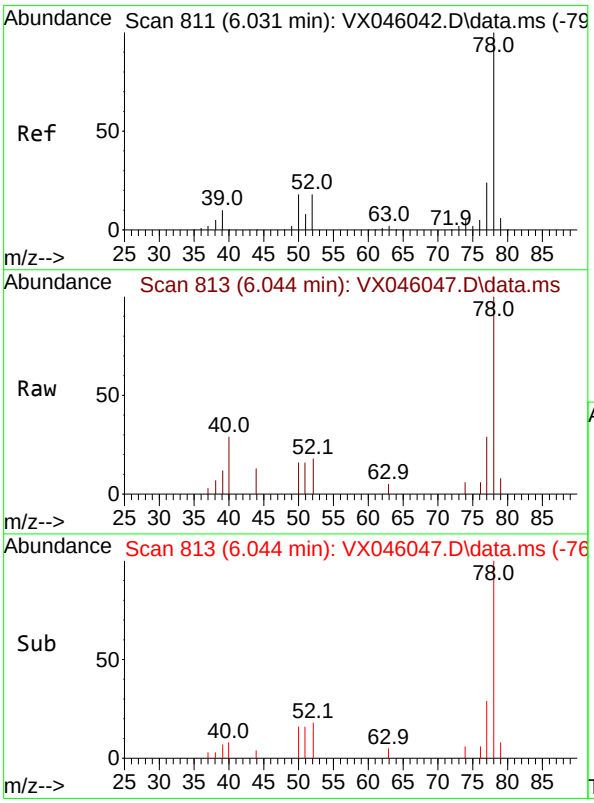
#39
Methylcyclohexane
Concen: 0.770 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 2096

Ion	Ratio	Lower	Upper
83	100		
55	80.1	64.7	97.1
98	41.9	37.4	56.2

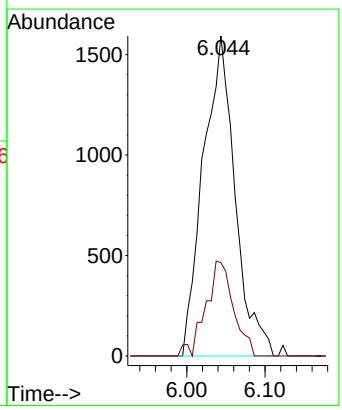


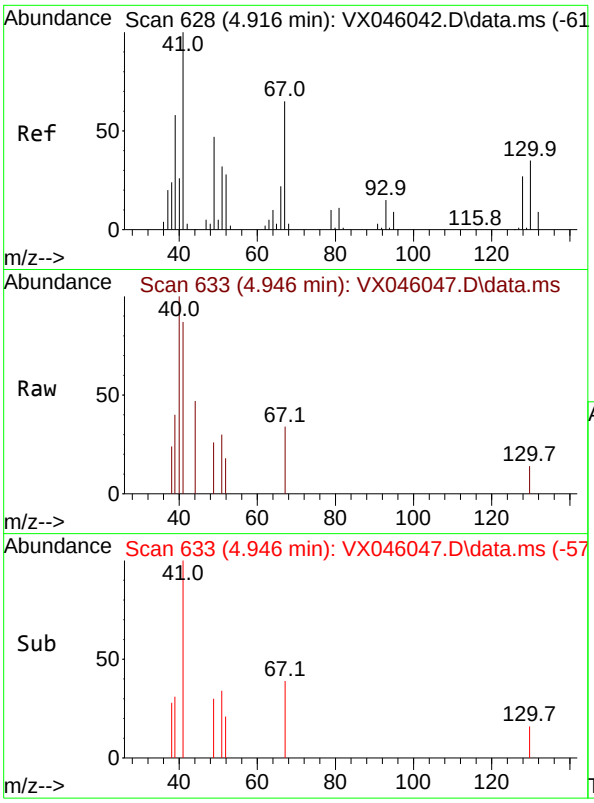


#40
Benzene
Concen: 0.668 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 78 Resp: 4502

Ion	Ratio	Lower	Upper
78	100		
77	29.1	19.0	28.4#



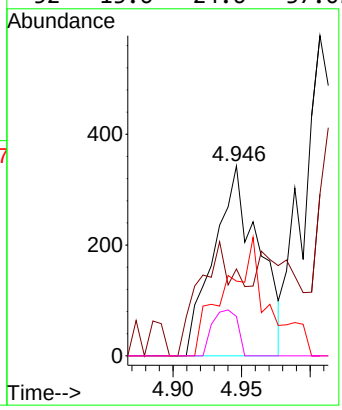


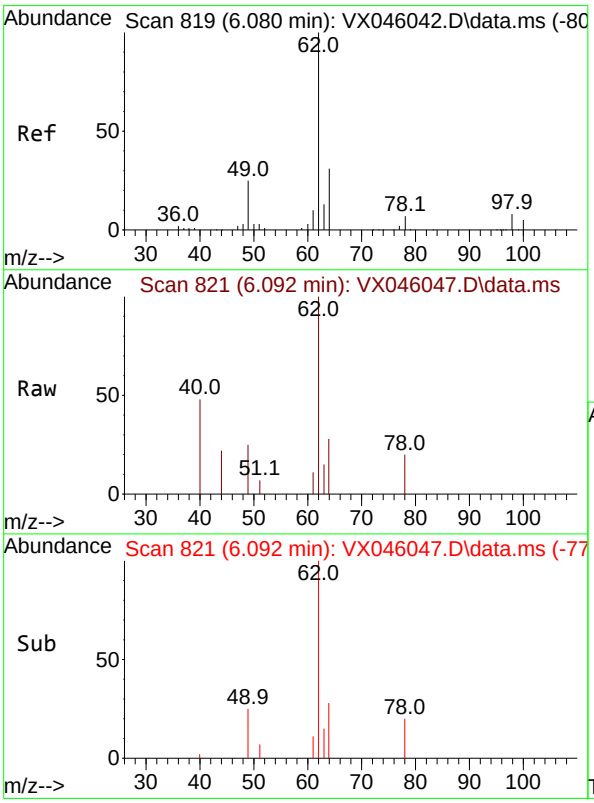
#41
Methacrylonitrile
Concen: 0.513 ug/l
RT: 4.946 min Scan# 6
Delta R.T. 0.030 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 778

Ion	Ratio	Lower	Upper
41	100		
39	51.7	47.2	70.8
67	0.0	50.7	76.1#
52	13.6	24.6	37.0#

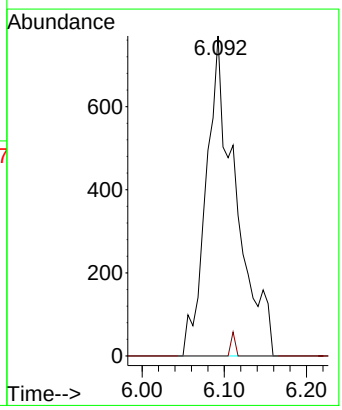


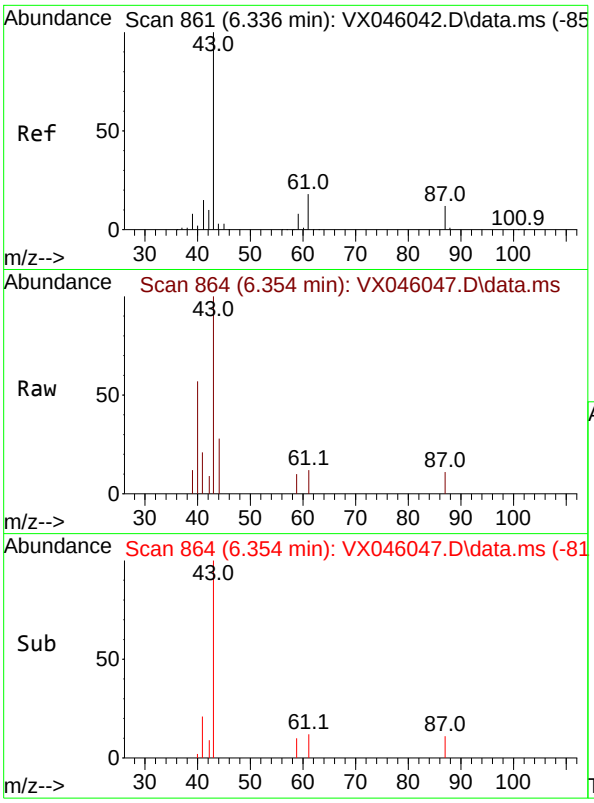


#42
1,2-Dichloroethane
Concen: 0.694 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 62 Resp: 1934

Ion	Ratio	Lower	Upper
62	100		
98	1.1	0.0	15.2



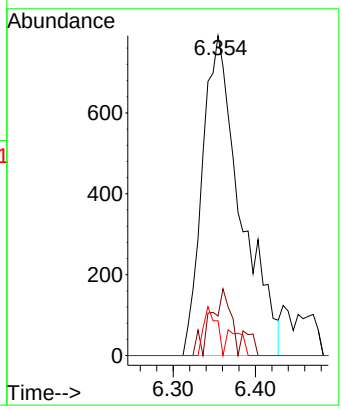


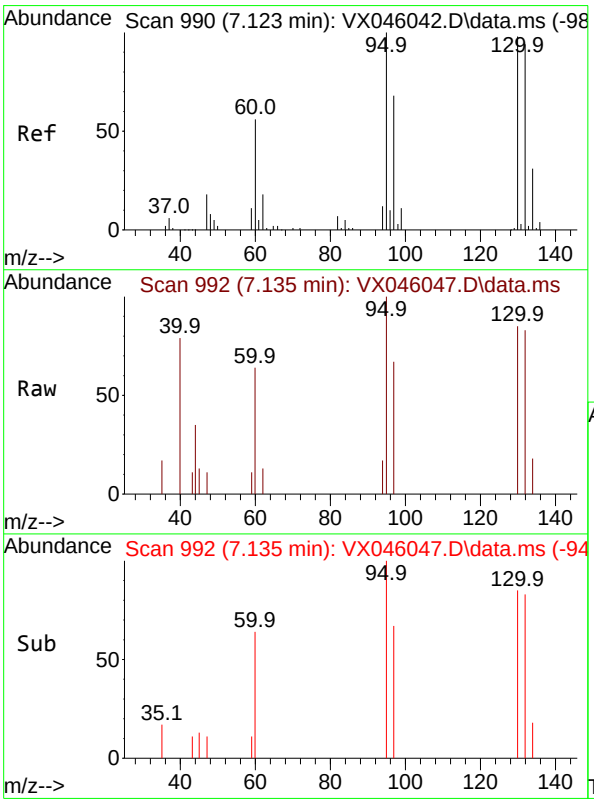
#43
Isopropyl Acetate
Concen: 0.612 ug/l
RT: 6.354 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2553

Ion	Ratio	Lower	Upper
43	100		
61	10.7	14.3	21.5#
87	3.2	9.5	14.3#

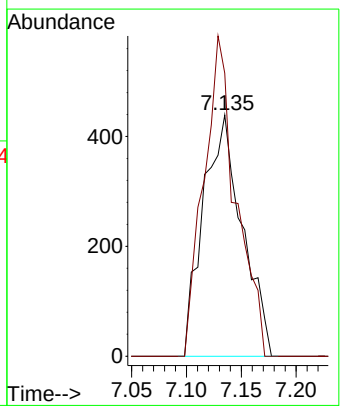


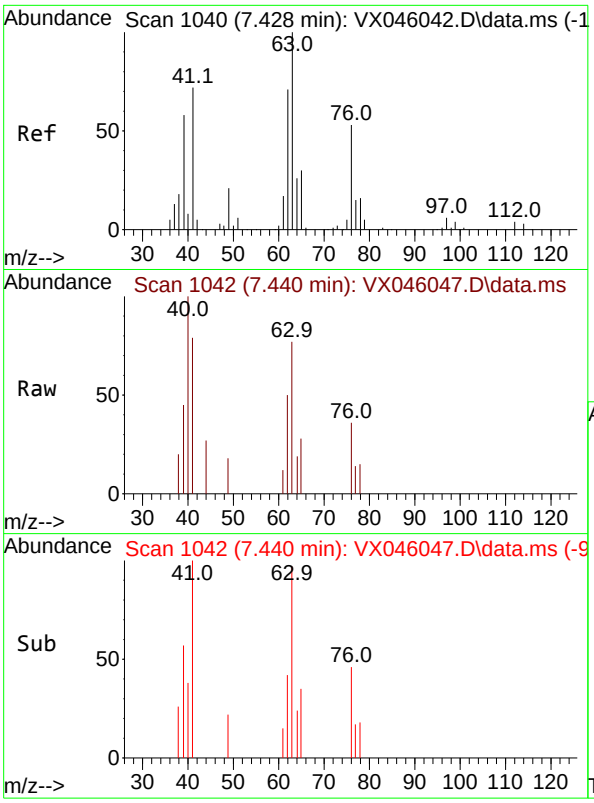


#44
Trichloroethene
Concen: 0.680 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:130 Resp: 1083

Ion	Ratio	Lower	Upper
130	100		
95	117.3	0.0	204.2



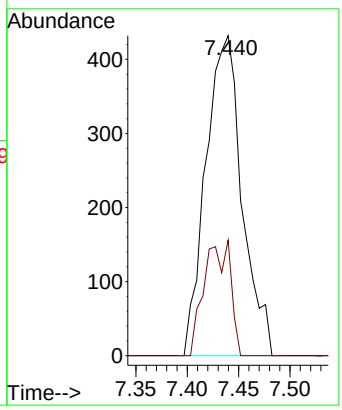


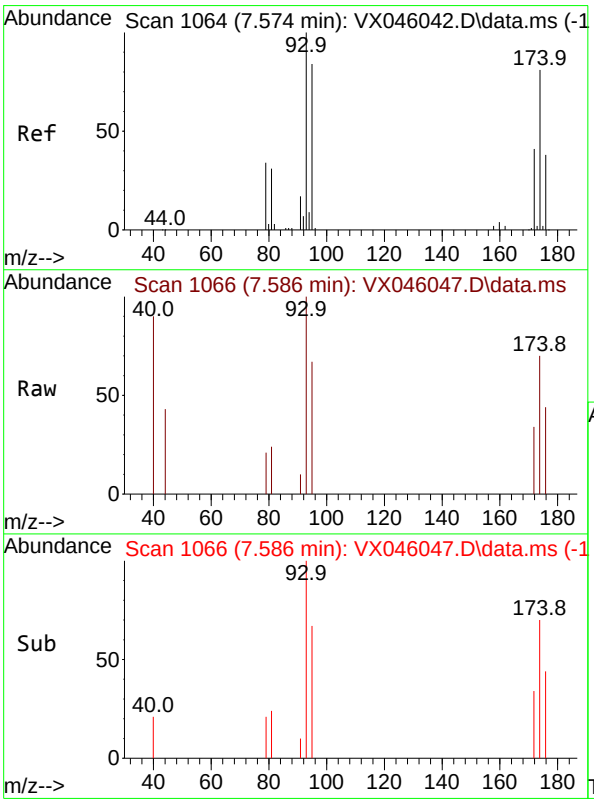
#45
1,2-Dichloropropane
Concen: 0.633 ug/l
RT: 7.440 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1059

Ion	Ratio	Lower	Upper
63	100		
65	36.1	24.1	36.1

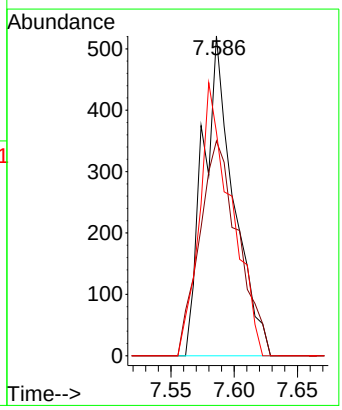


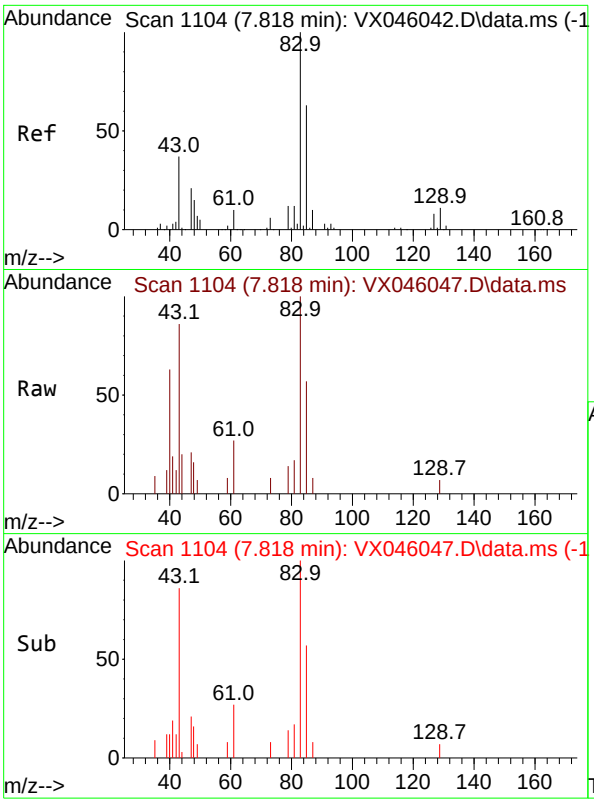


#46
Dibromomethane
Concen: 0.667 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 93 Resp: 880

Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.6	98.4
174	88.5	68.2	102.2



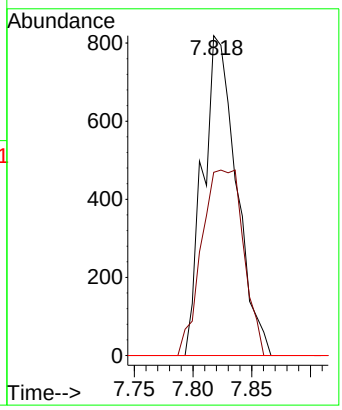


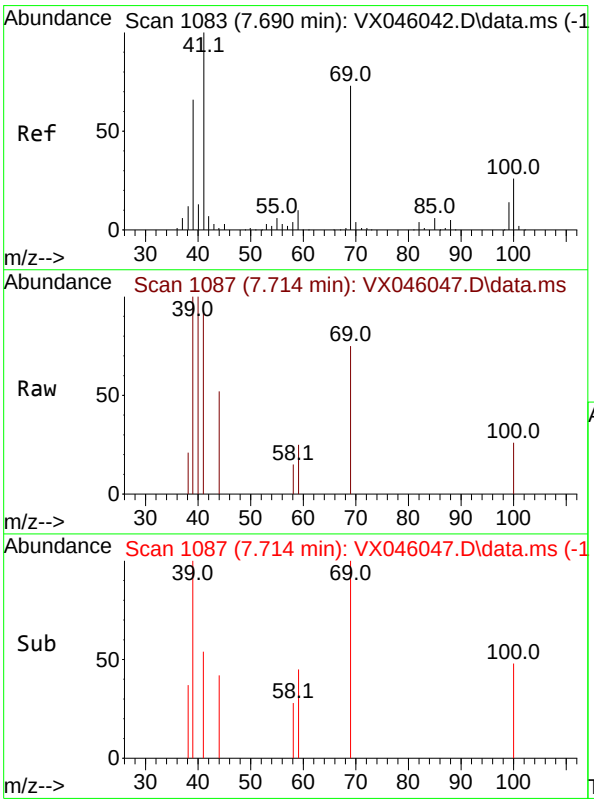
#47
Bromodichloromethane
Concen: 0.633 ug/l
RT: 7.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1620

Ion	Ratio	Lower	Upper
83	100		
85	57.3	50.5	75.7
127	0.0	6.5	9.7#

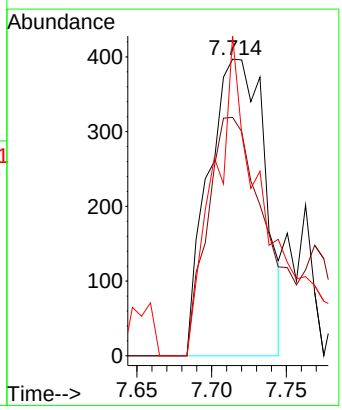


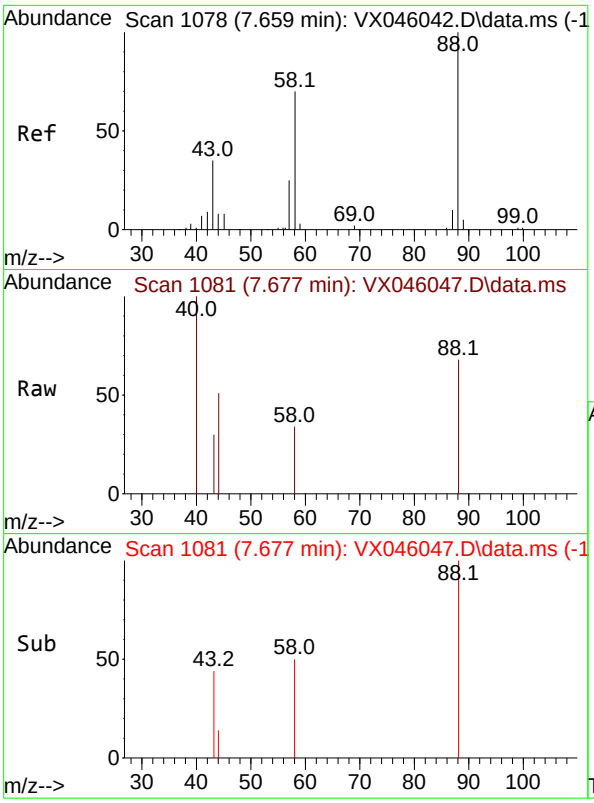


#48
Methyl methacrylate
Concen: 0.483 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 1033

Ion	Ratio	Lower	Upper
41	100		
69	84.4	58.5	87.7
39	101.4	51.7	77.5#



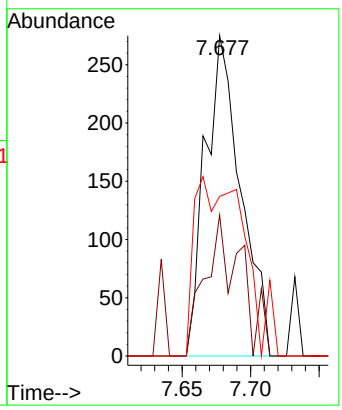


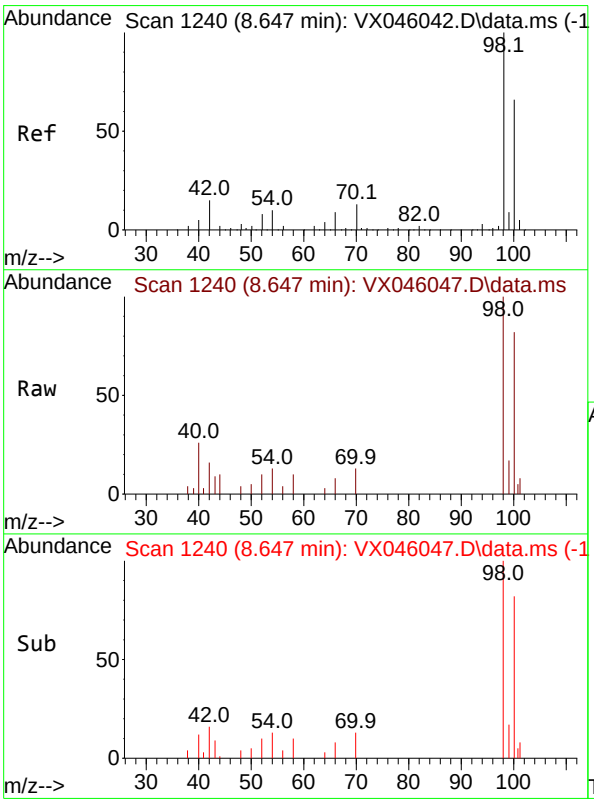
#49
1,4-Dioxane
Concen: 11.703 ug/l
RT: 7.677 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 498

Ion	Ratio	Lower	Upper
88	100		
43	44.4	33.4	50.2
58	30.3	58.6	88.0#

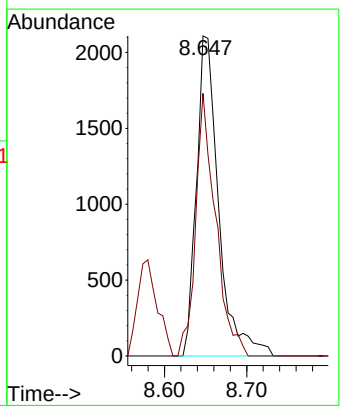


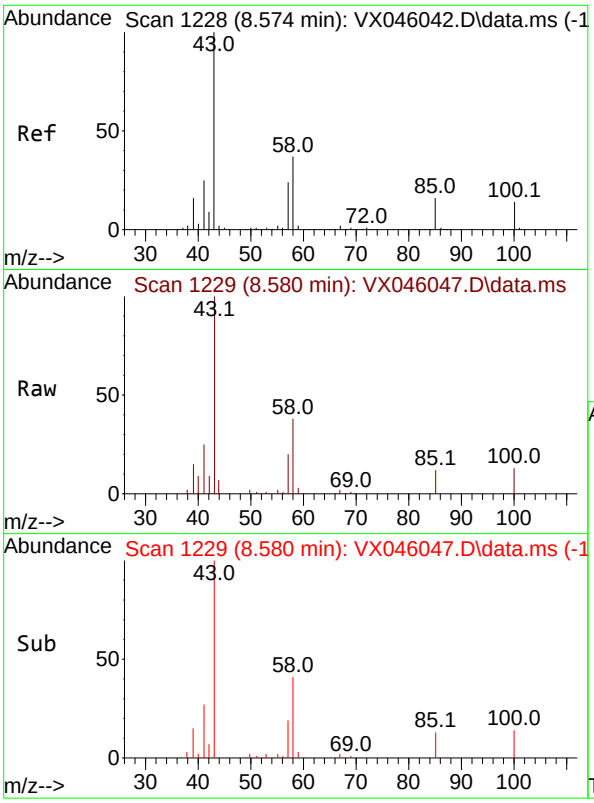


#50
Toluene-d8
Concen: 0.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 98 Resp: 3964

Ion	Ratio	Lower	Upper
98	100		
100	73.5	53.5	80.3



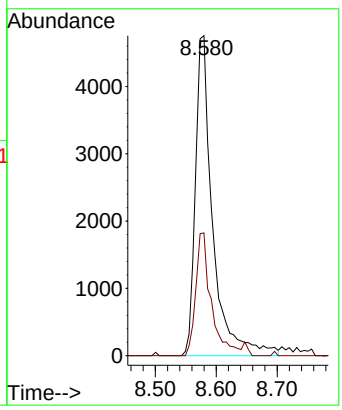


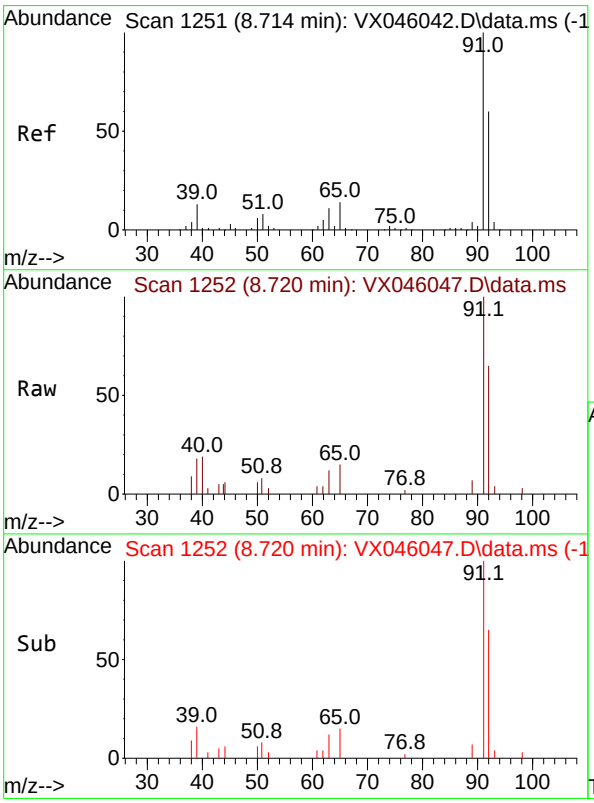
#51
4-Methyl-2-Pentanone
Concen: 3.430 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 9378

Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.9	43.3

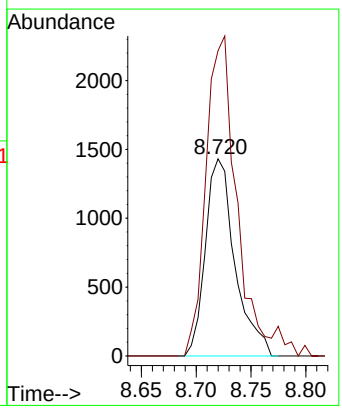


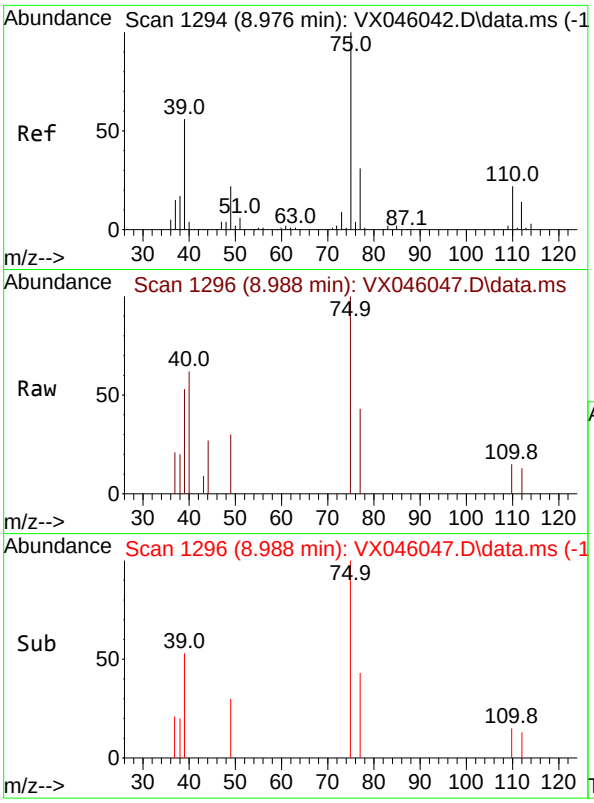


#52
Toluene
Concen: 0.672 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 92 Resp: 2684

Ion	Ratio	Lower	Upper
92	100		
91	165.7	136.6	205.0



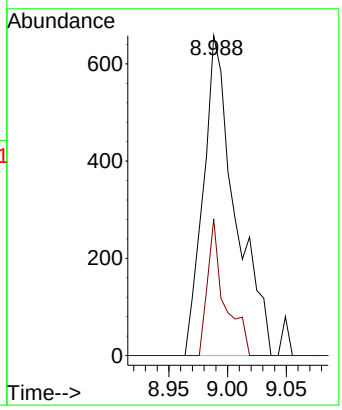


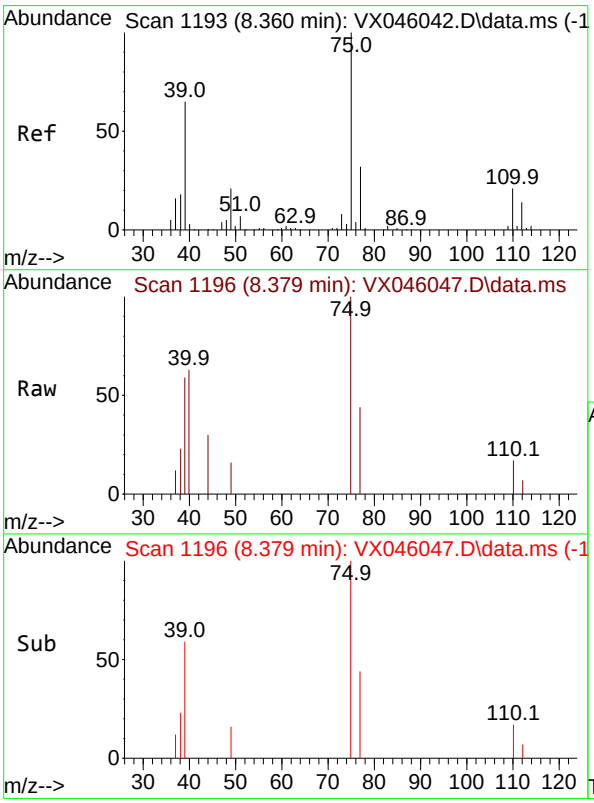
#53
t-1,3-Dichloropropene
Concen: 0.576 ug/l
RT: 8.988 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1238

Ion	Ratio	Lower	Upper
75	100		
77	42.7	25.0	37.6#

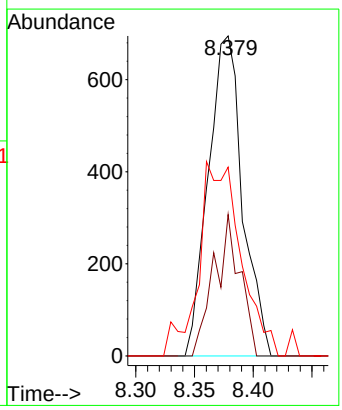


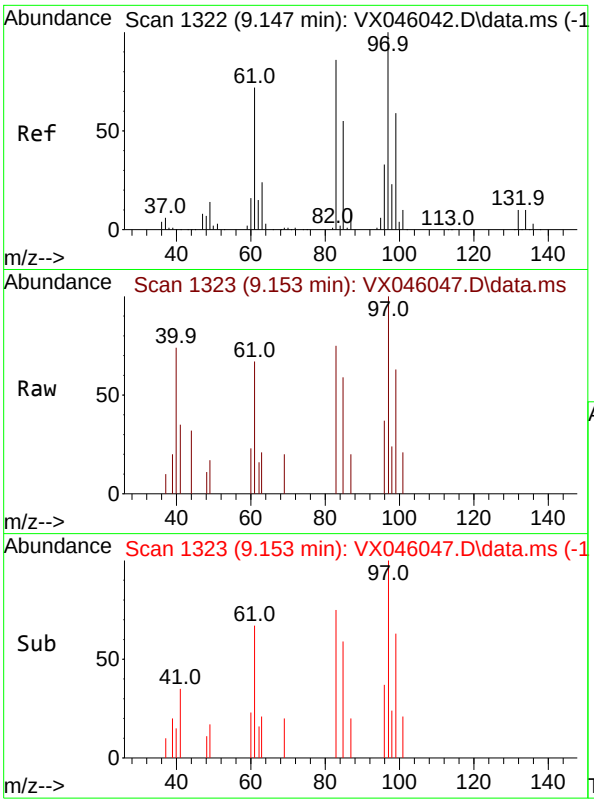


#54
cis-1,3-Dichloropropene
Concen: 0.564 ug/l
RT: 8.379 min Scan# 1196
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1414

Ion	Ratio	Lower	Upper
75	100		
77	44.2	25.4	38.0#
39	59.0	52.2	78.4



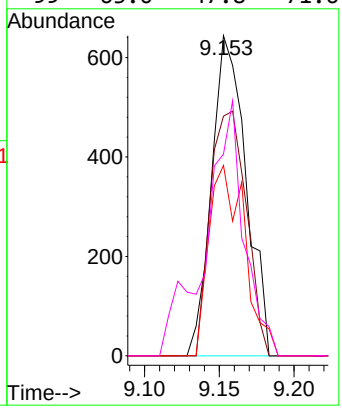


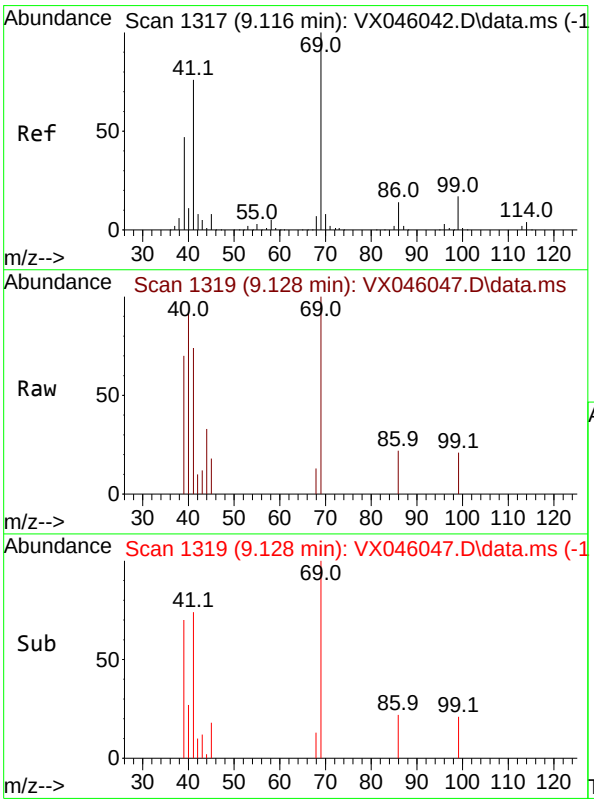
#55
1,1,2-Trichloroethane
Concen: 0.637 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1029

Ion	Ratio	Lower	Upper
97	100		
83	74.8	69.0	103.6
85	59.5	44.3	66.5
99	63.0	47.8	71.6

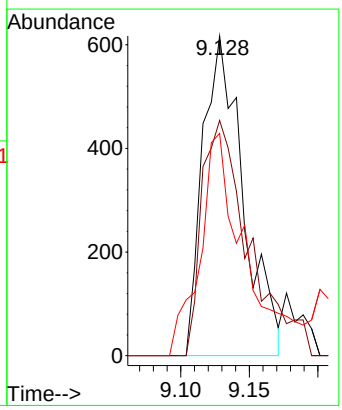


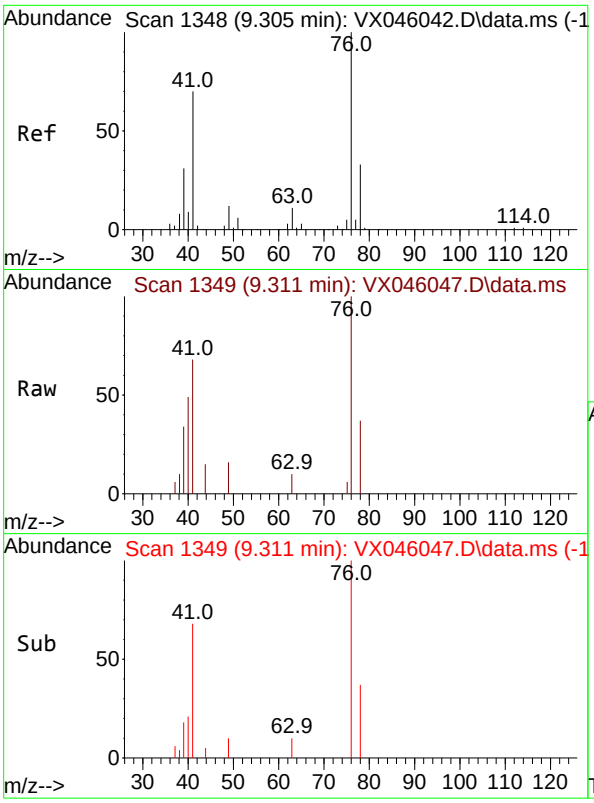


#56
Ethyl methacrylate
Concen: 0.504 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 69 Resp: 1260

Ion	Ratio	Lower	Upper
69	100		
41	86.6	60.8	91.2
39	78.0	39.0	58.6#



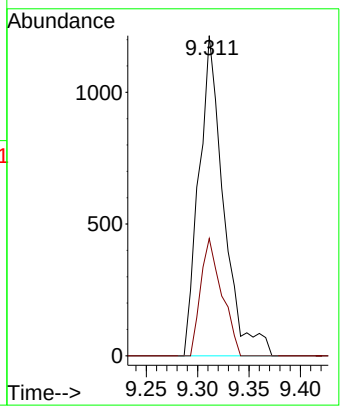


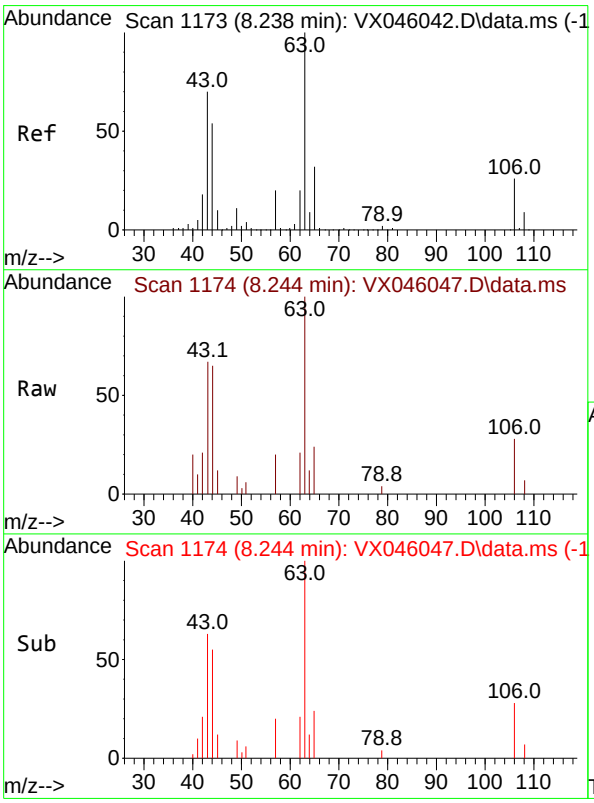
#57
1,3-Dichloropropane
Concen: 0.711 ug/l
RT: 9.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 2036

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5

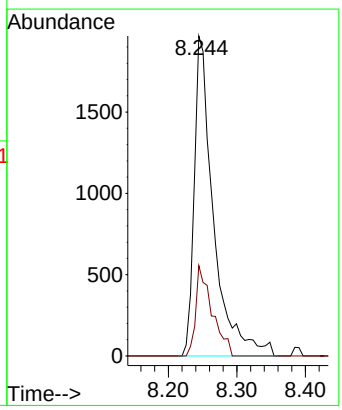


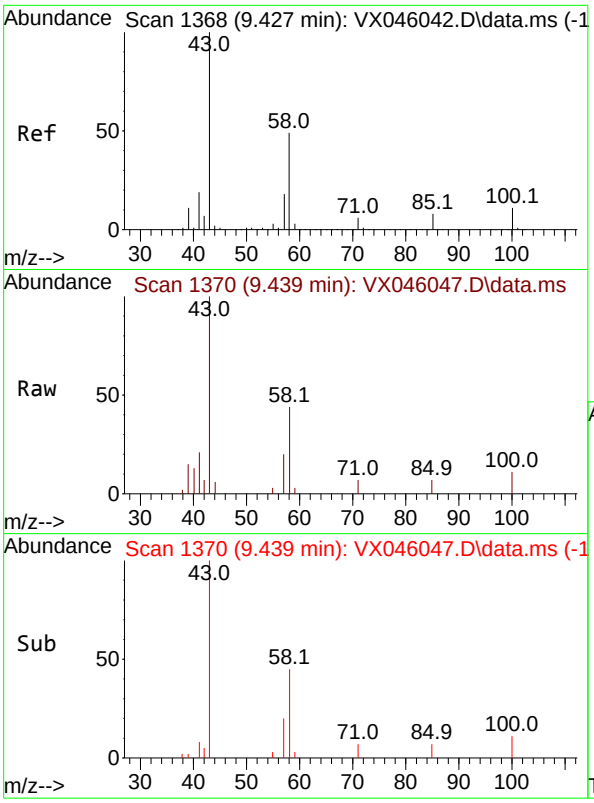


#58
2-Chloroethyl Vinyl ether
Concen: 3.420 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 63 Resp: 3846

Ion	Ratio	Lower	Upper
63	100		
106	24.0	21.5	32.3



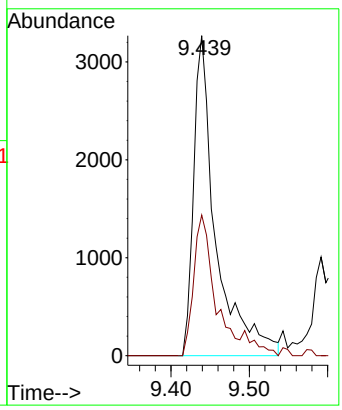


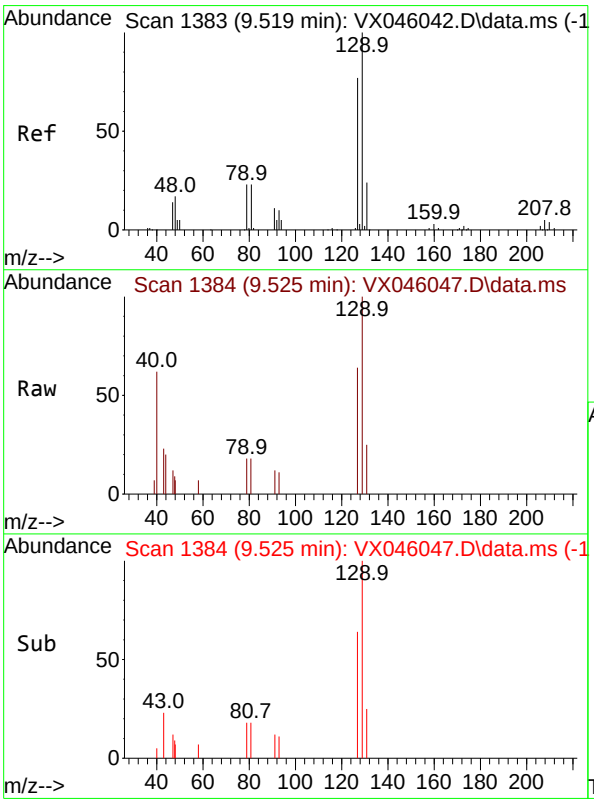
#59
2-Hexanone
Concen: 3.096 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 6424

Ion	Ratio	Lower	Upper
43	100		
58	41.6	24.9	74.6

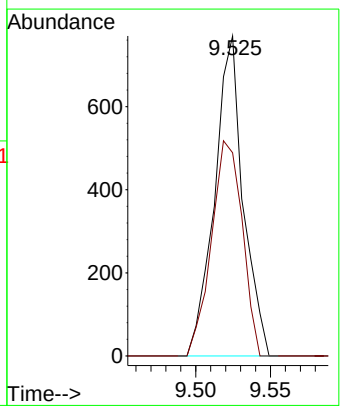


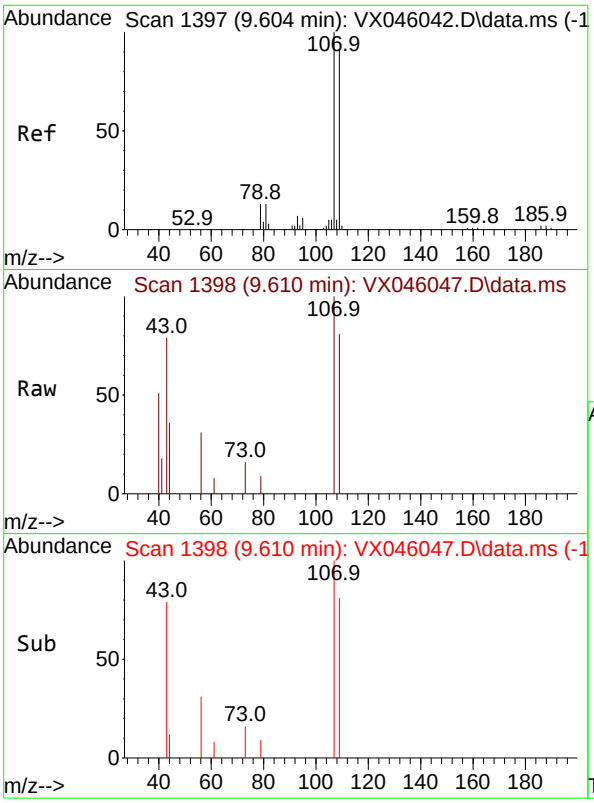


#60
Dibromochloromethane
Concen: 0.582 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:129 Resp: 1023

Ion	Ratio	Lower	Upper
129	100		
127	72.5	39.3	117.8



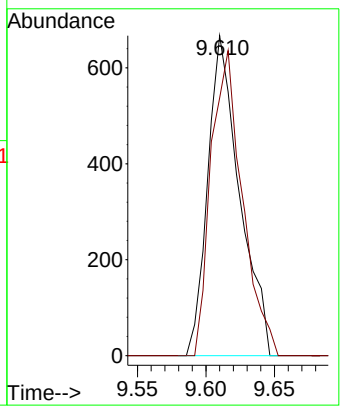


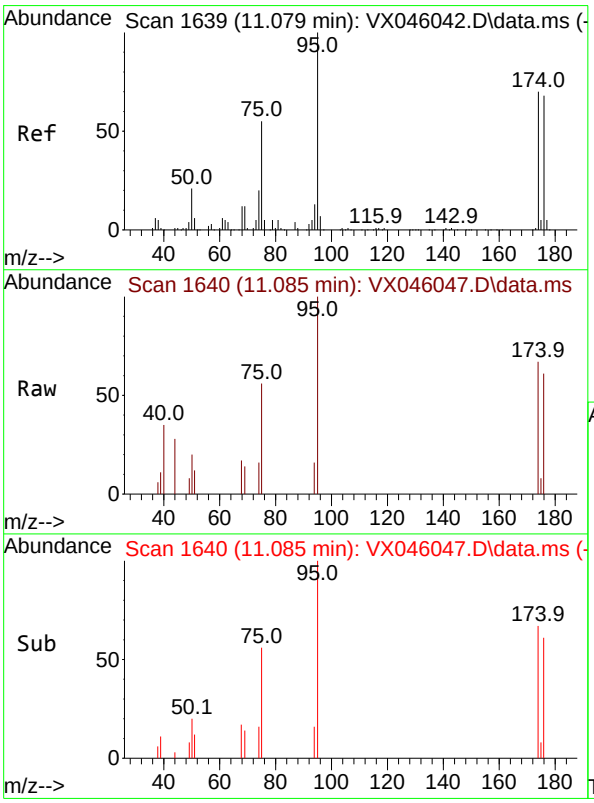
#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 1077

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.3	109.9

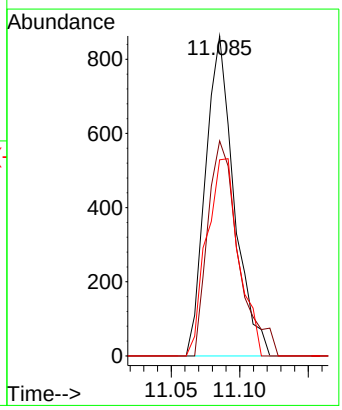


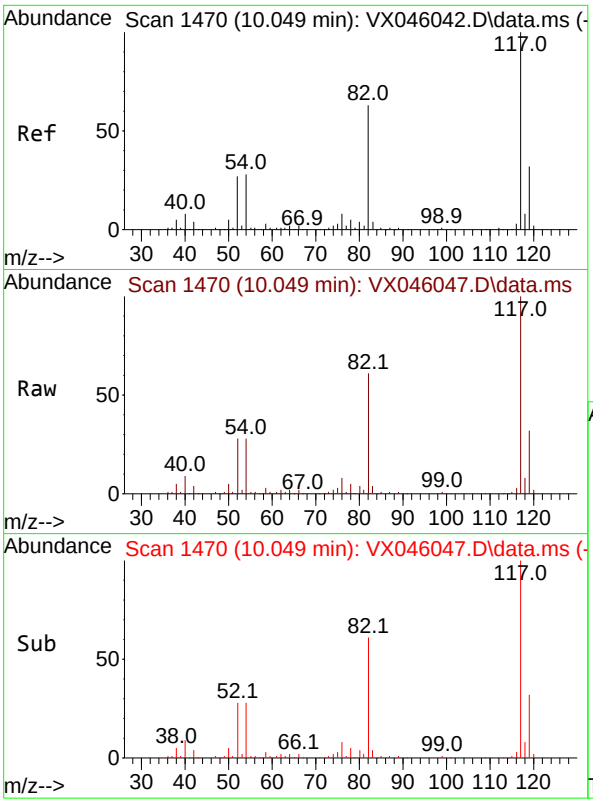


#62
4-Bromofluorobenzene
Concen: 0.545 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 95 Resp: 1250

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	135.8
176	68.9	0.0	131.4



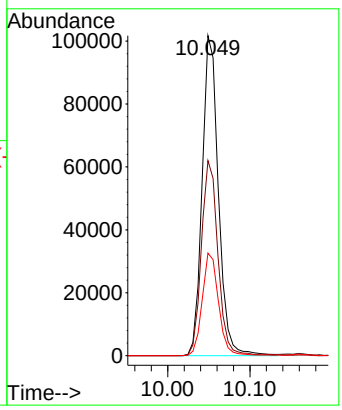


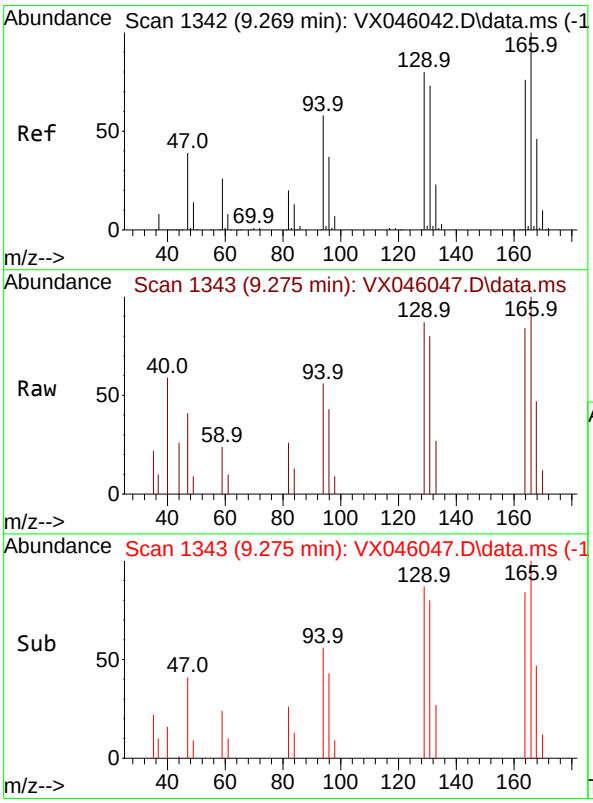
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 140108

Ion	Ratio	Lower	Upper
117	100		
82	61.0	50.6	76.0
119	32.1	25.8	38.6

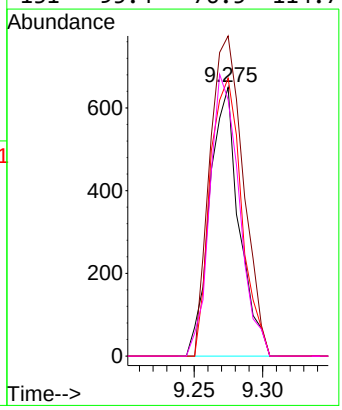


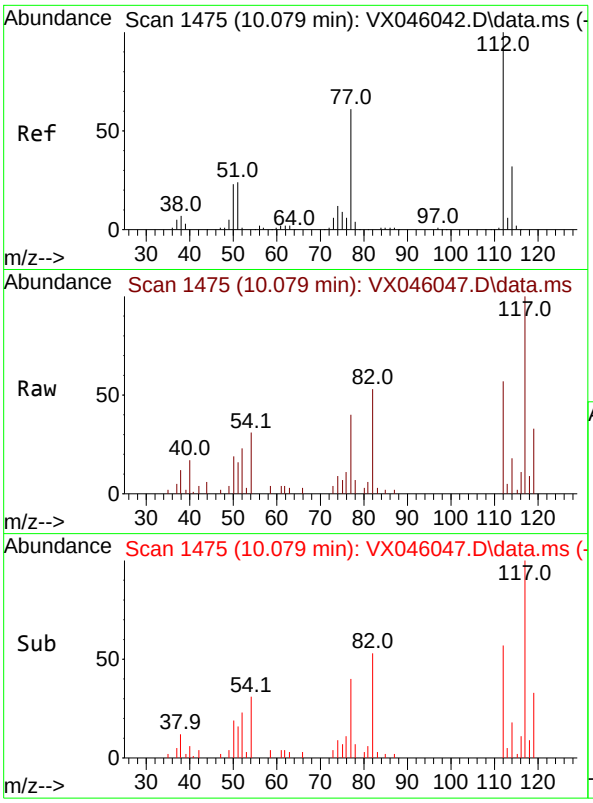


#64
Tetrachloroethene
Concen: 0.679 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:164 Resp: 972

Ion	Ratio	Lower	Upper
164	100		
166	119.1	105.0	157.6
129	103.4	83.5	125.3
131	95.4	76.5	114.7



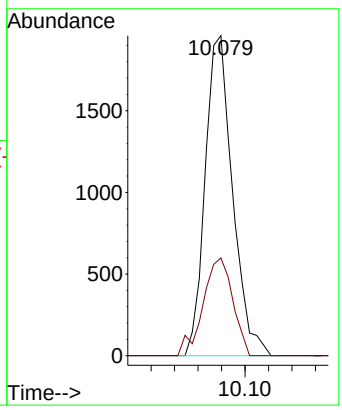


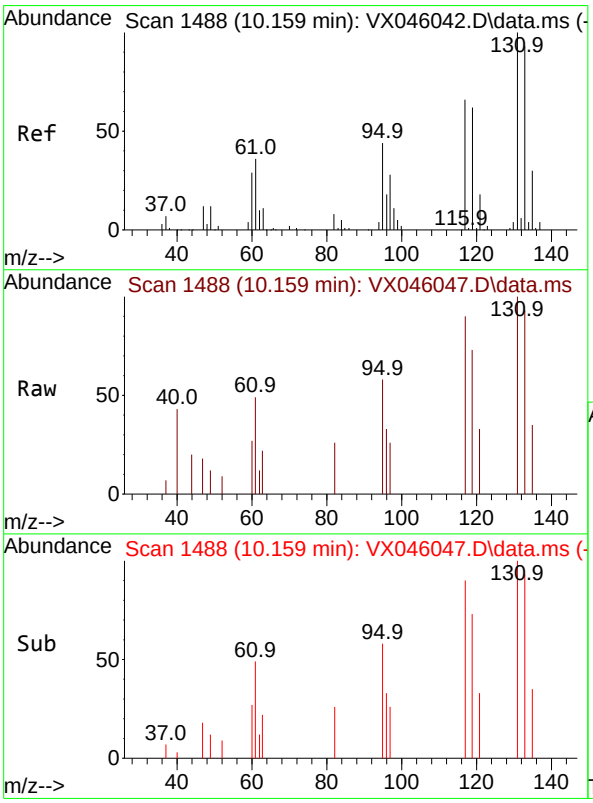
#65
Chlorobenzene
Concen: 0.735 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 3170

Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.4	38.2

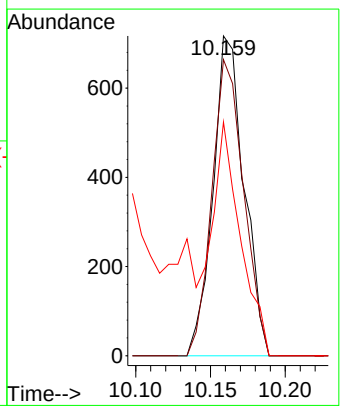


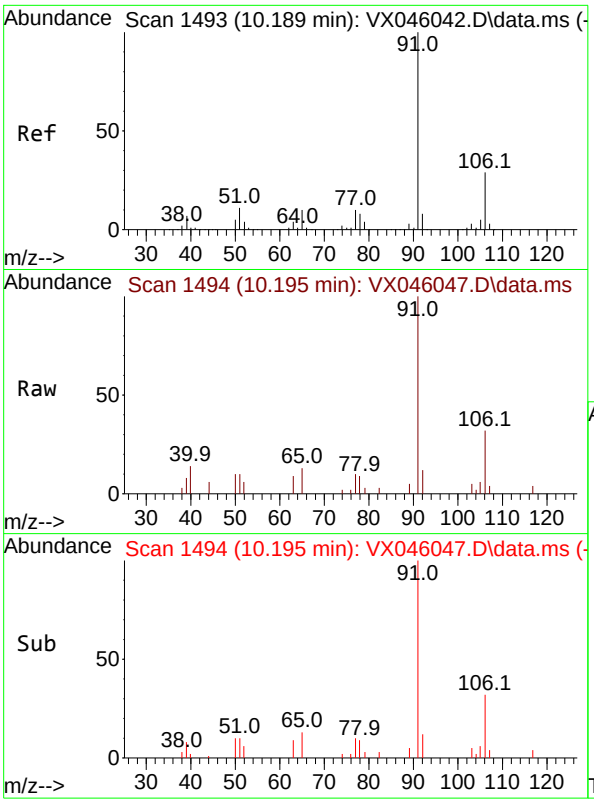


#66
1,1,1,2-Tetrachloroethane
Concen: 0.720 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:131 Resp: 1035

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	0.0	31.6	95.0#



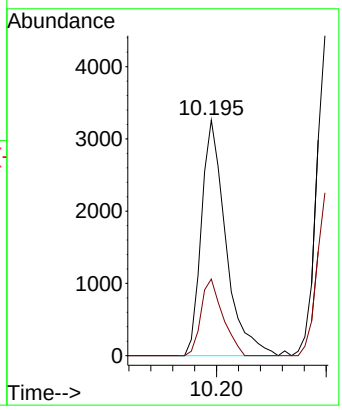


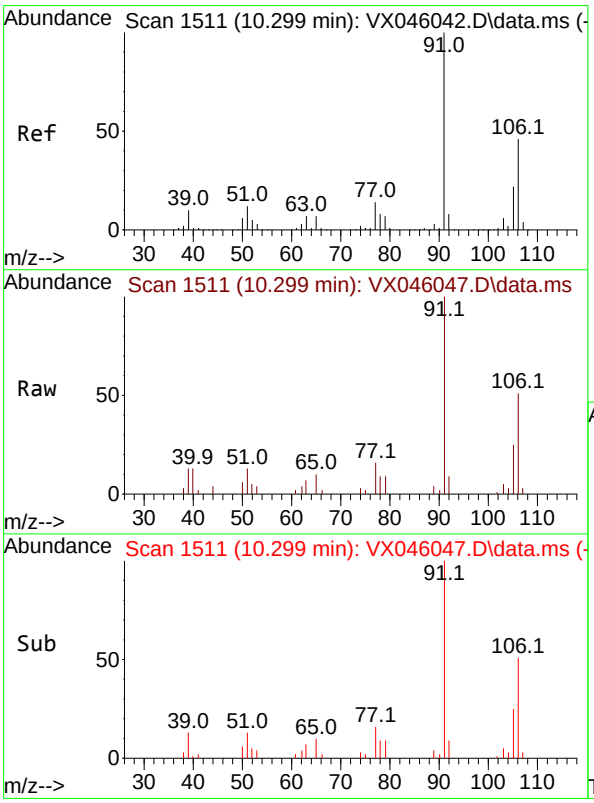
#67
Ethyl Benzene
Concen: 0.687 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 5052

Ion	Ratio	Lower	Upper
91	100		
106	32.5	23.4	35.2

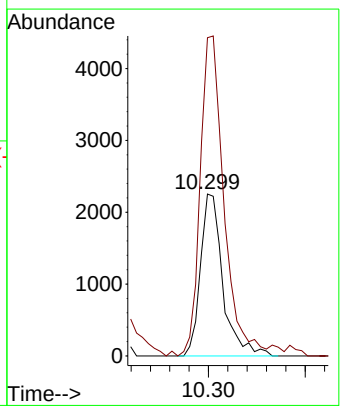


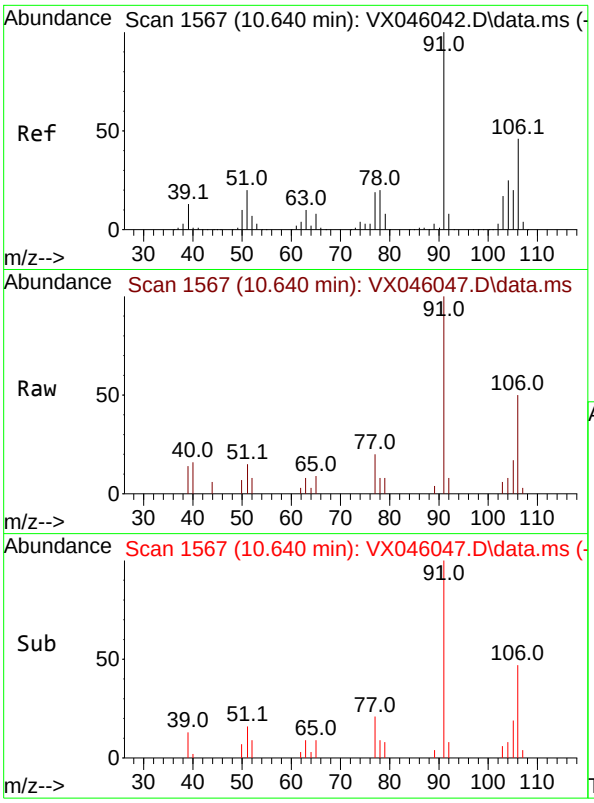


#68
m/p-Xylenes
Concen: 1.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:106 Resp: 3630

Ion	Ratio	Lower	Upper
106	100		
91	209.8	171.2	256.8



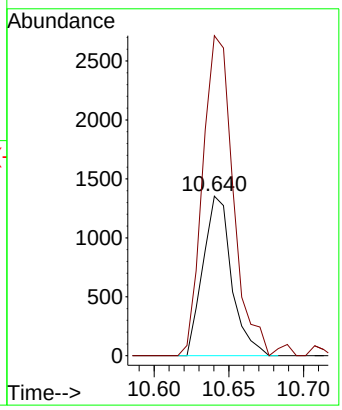


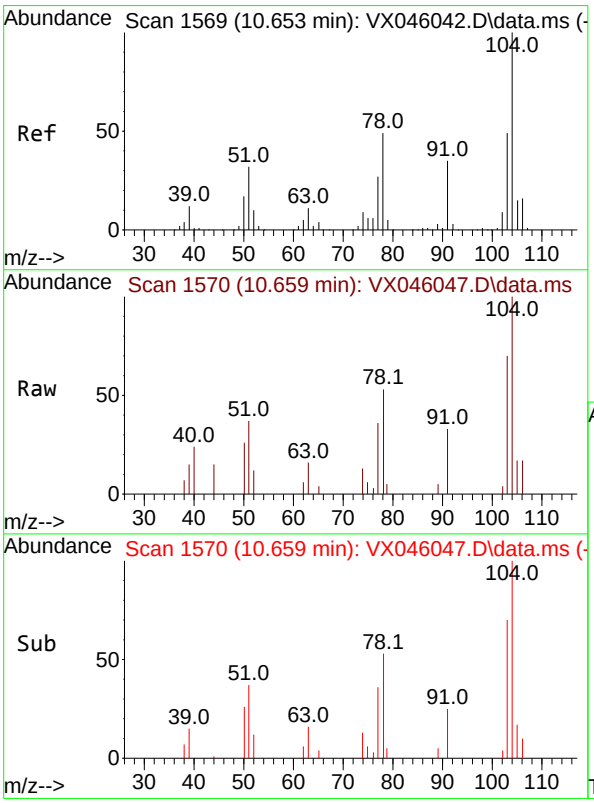
#69
o-Xylene
Concen: 0.672 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1799

Ion	Ratio	Lower	Upper
106	100		
91	214.9	112.7	338.1

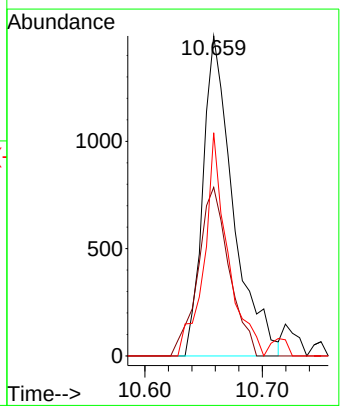


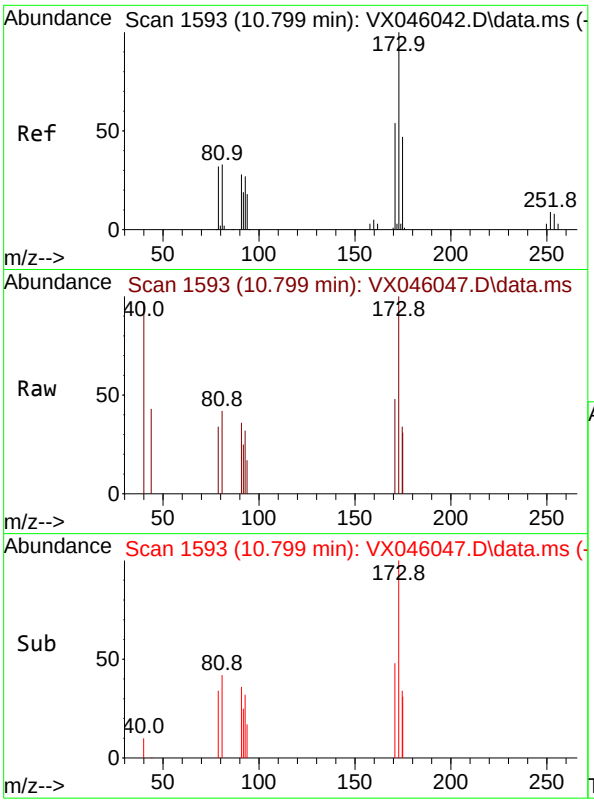


#70
Styrene
Concen: 0.622 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:104 Resp: 2664

Ion	Ratio	Lower	Upper
104	100		
78	54.3	45.7	68.5
103	53.9	43.7	65.5



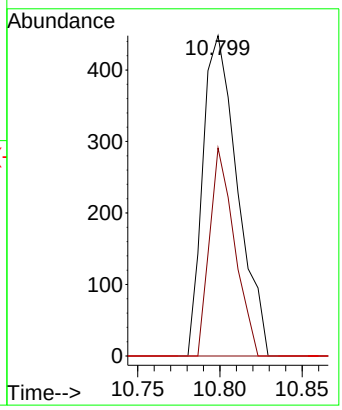


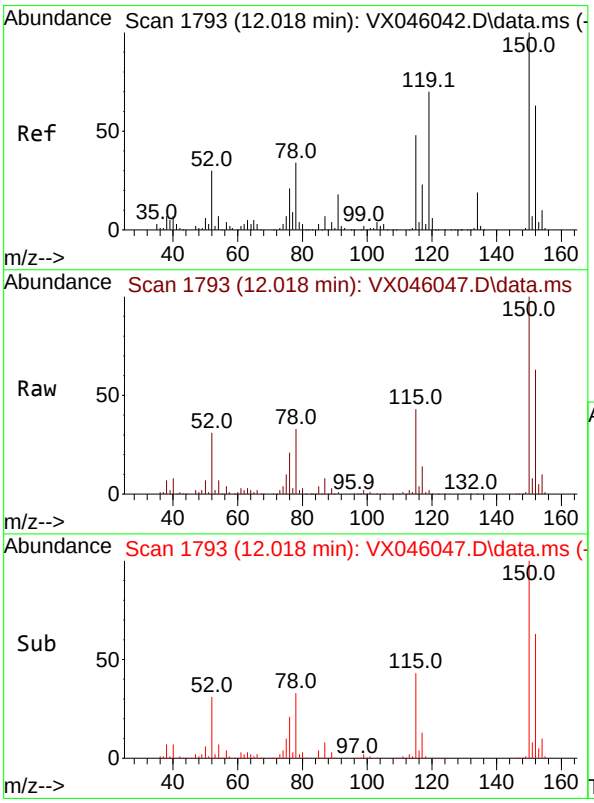
#71
Bromoform
Concen: 0.608 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 657

Ion	Ratio	Lower	Upper
173	100		
175	46.6	23.4	70.0
254	0.0	0.0	0.0

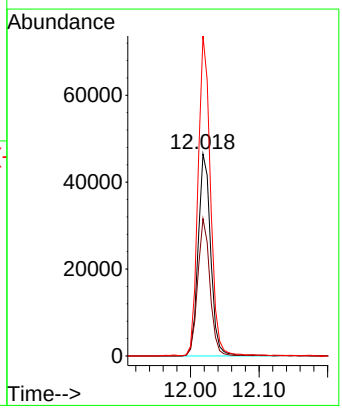


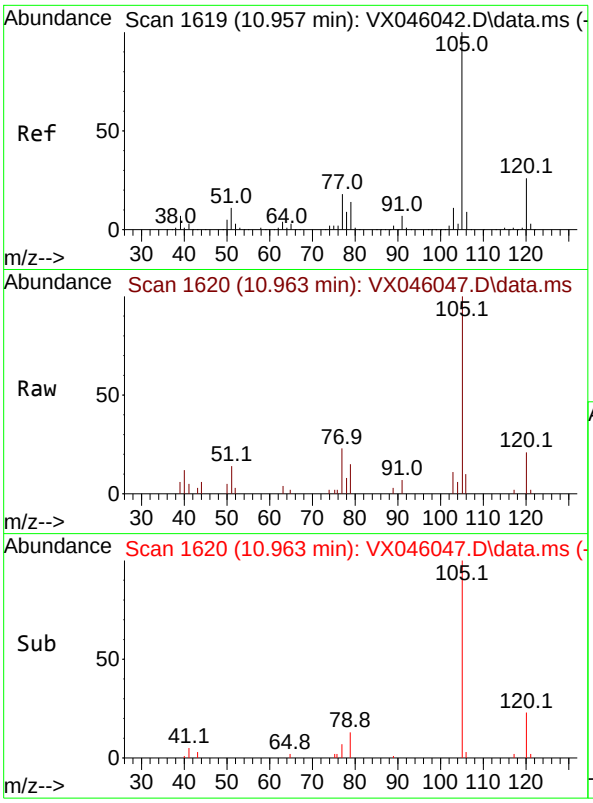


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:152 Resp: 59123

Ion	Ratio	Lower	Upper
152	100		
115	66.6	46.9	140.7
150	156.3	0.0	351.0



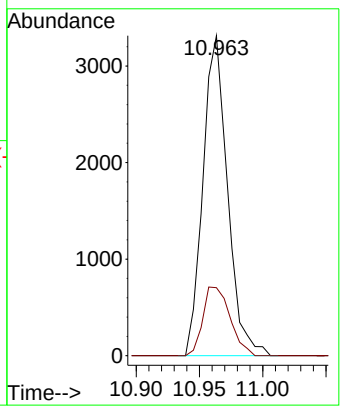


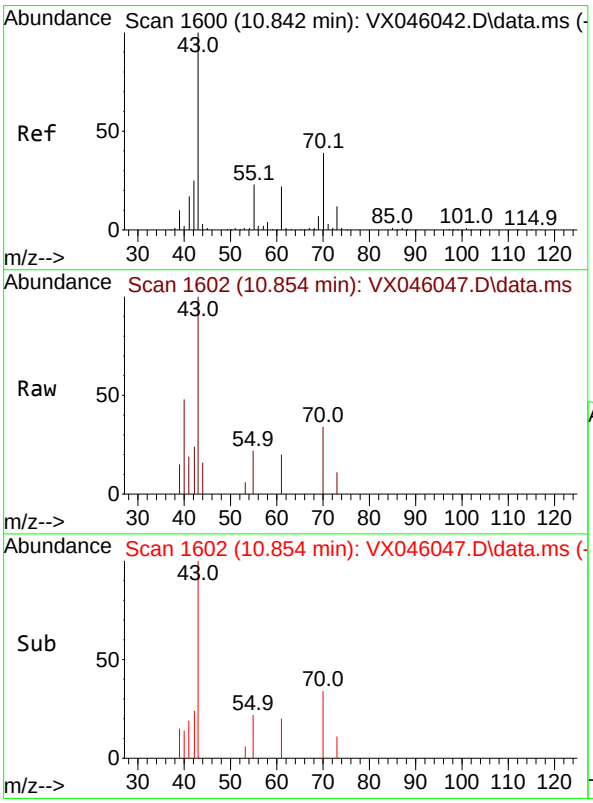
#73
Isopropylbenzene
Concen: 0.695 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 4480

Ion	Ratio	Lower	Upper
105	100		
120	23.7	12.8	38.4

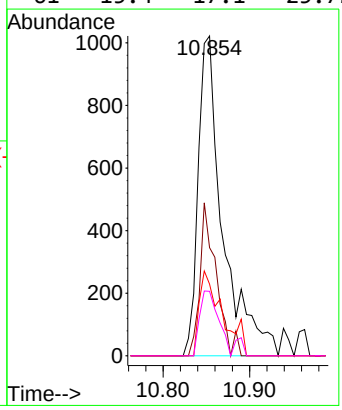


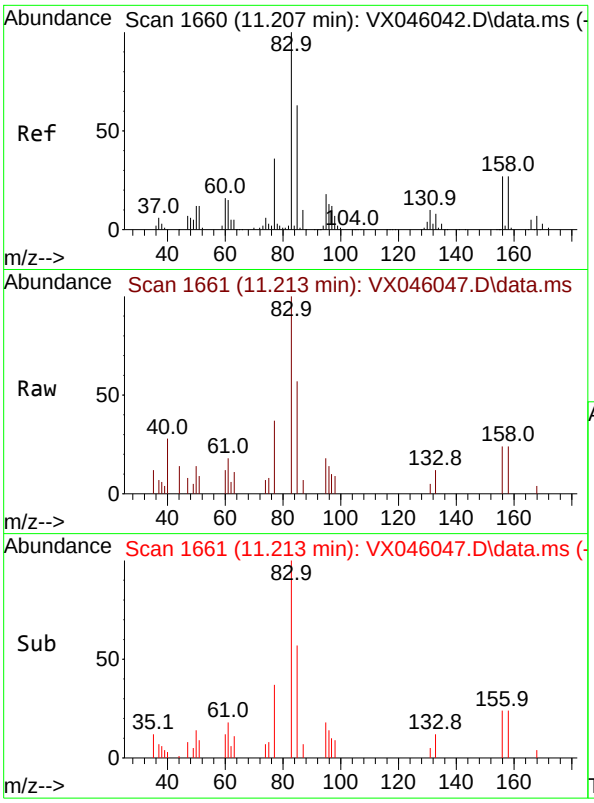


#74
N-amyl acetate
Concen: 0.631 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 2028

Ion	Ratio	Lower	Upper
43	100		
70	31.5	30.9	46.3
55	24.5	18.7	28.1
61	15.4	17.1	25.7#



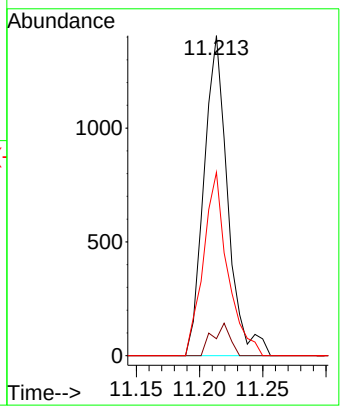


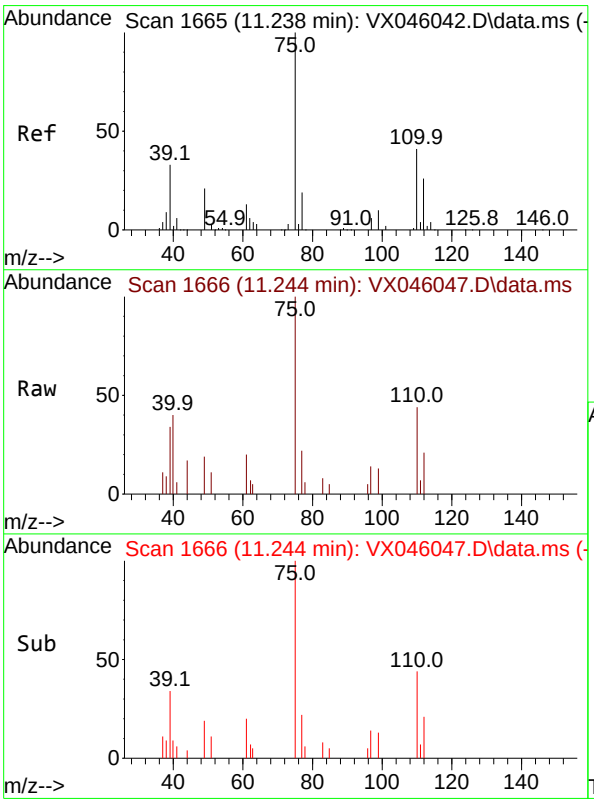
#75
1,1,2,2-Tetrachloroethane
Concen: 0.800 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 1835

Ion	Ratio	Lower	Upper
83	100		
131	7.5	5.0	14.9
85	58.7	31.9	95.7

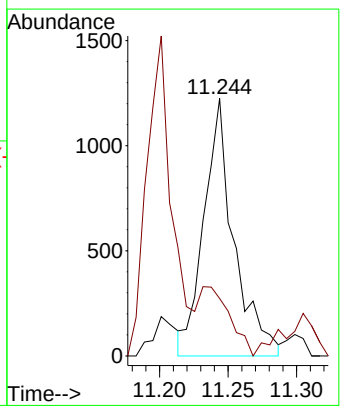


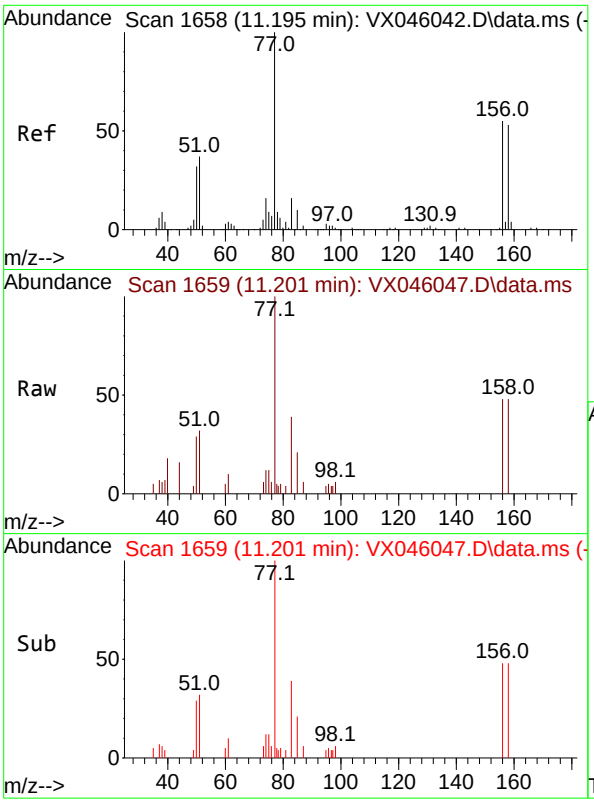


#76
1,2,3-Trichloropropane
Concen: 0.754 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1858

Ion	Ratio	Lower	Upper
75	100		
77	26.5	20.5	61.5



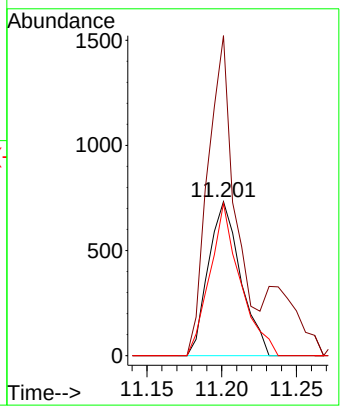


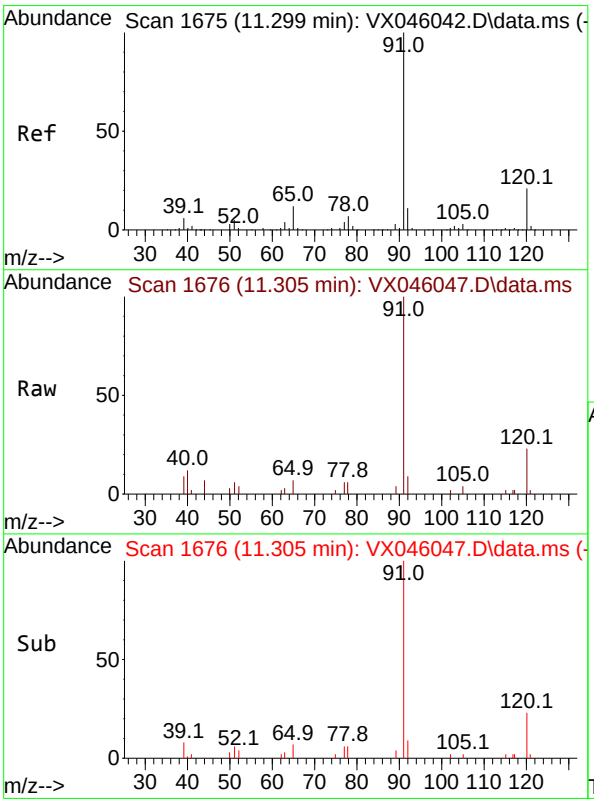
#77
Bromobenzene
Concen: 0.734 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:156 Resp: 1095

Ion	Ratio	Lower	Upper
156	100		
77	179.5	92.8	278.3
158	93.5	48.8	146.3

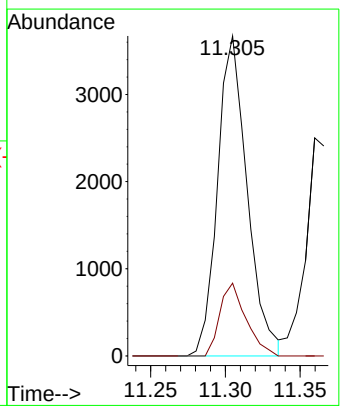


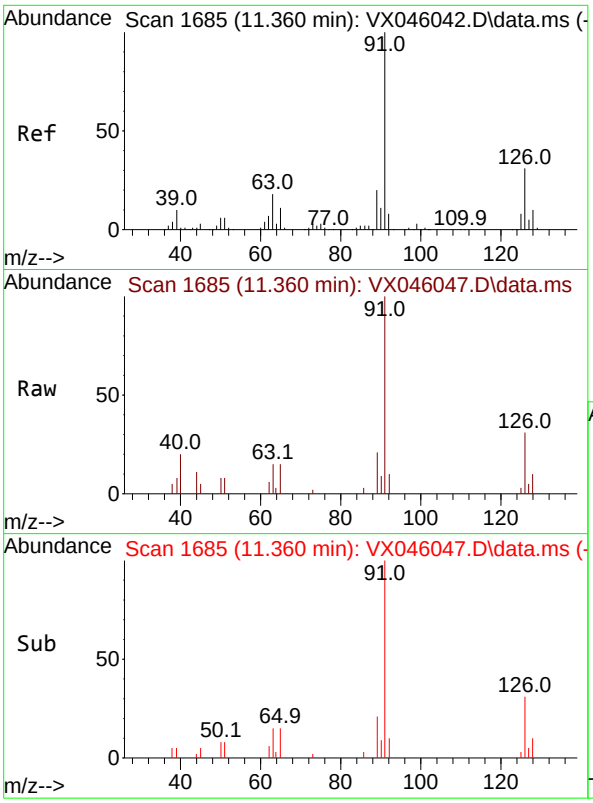


#78
n-propylbenzene
Concen: 0.699 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 5052

Ion	Ratio	Lower	Upper
91	100		
120	20.1	10.8	32.4



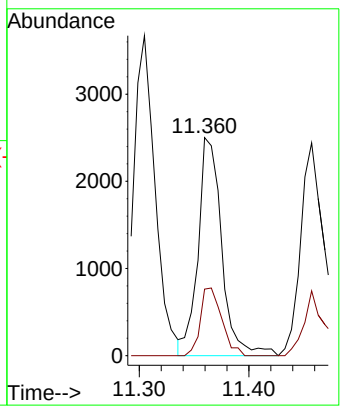


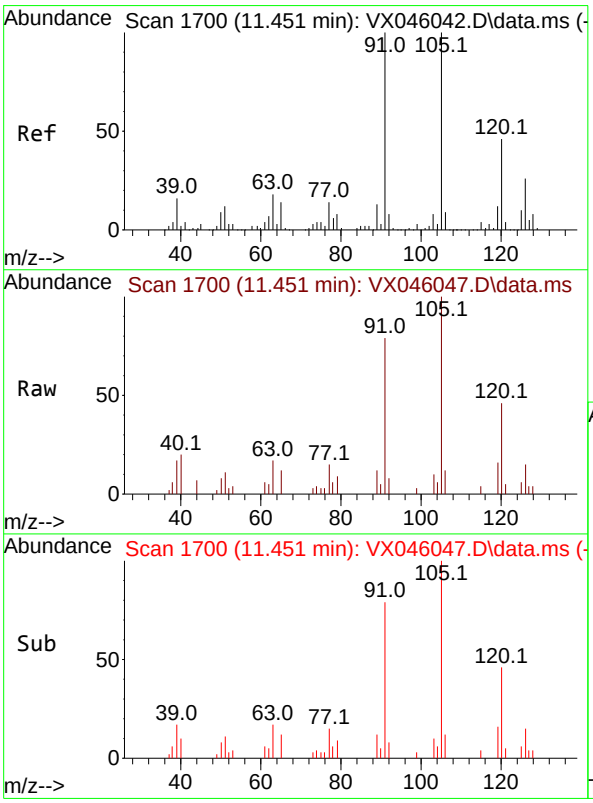
#79
2-Chlorotoluene
Concen: 0.773 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 3765

Ion	Ratio	Lower	Upper
91	100		
126	28.0	15.6	46.7

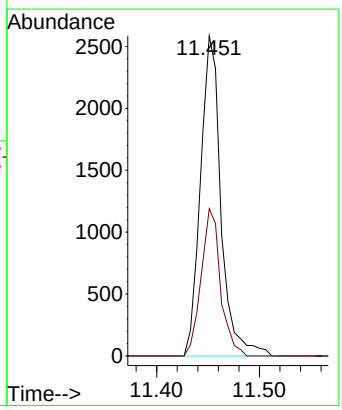


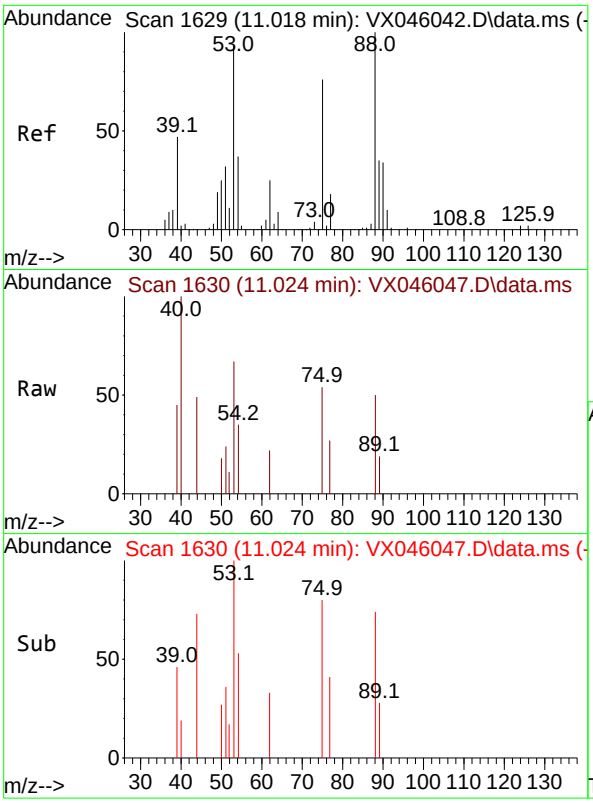


#80
1,3,5-Trimethylbenzene
Concen: 0.671 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:105 Resp: 3590

Ion	Ratio	Lower	Upper
105	100		
120	43.4	23.1	69.2



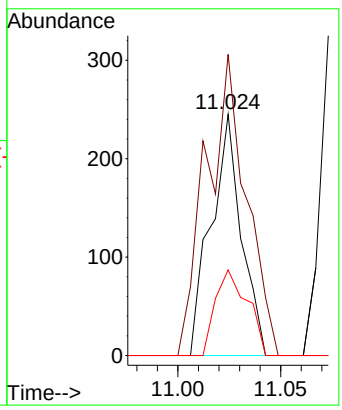


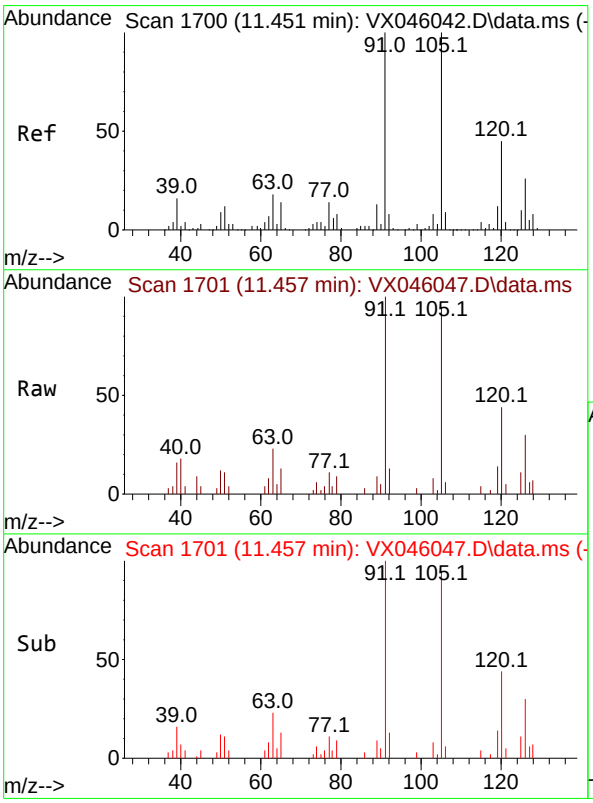
#81
trans-1,4-Dichloro-2-butene
Concen: 0.425 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 252

Ion	Ratio	Lower	Upper
75	100		
53	164.7	100.5	150.7#
89	37.3	37.0	55.6

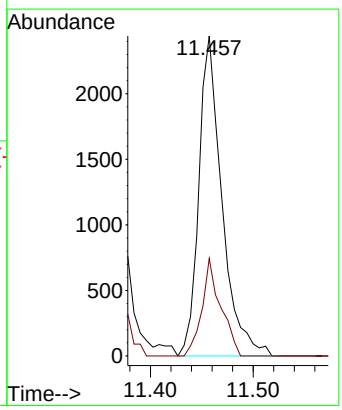


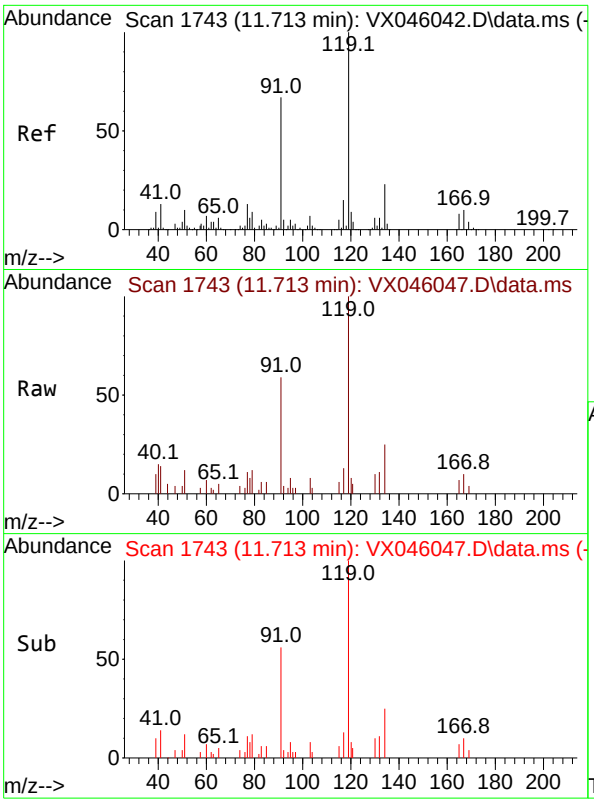


#82
4-Chlorotoluene
Concen: 0.713 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 3815

Ion	Ratio	Lower	Upper
91	100		
126	24.8	13.3	39.8



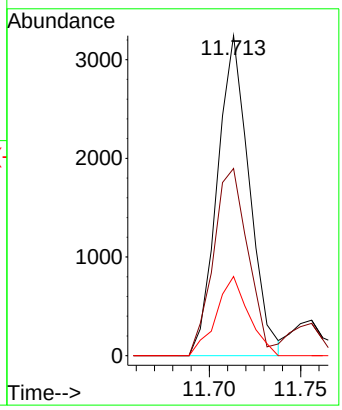


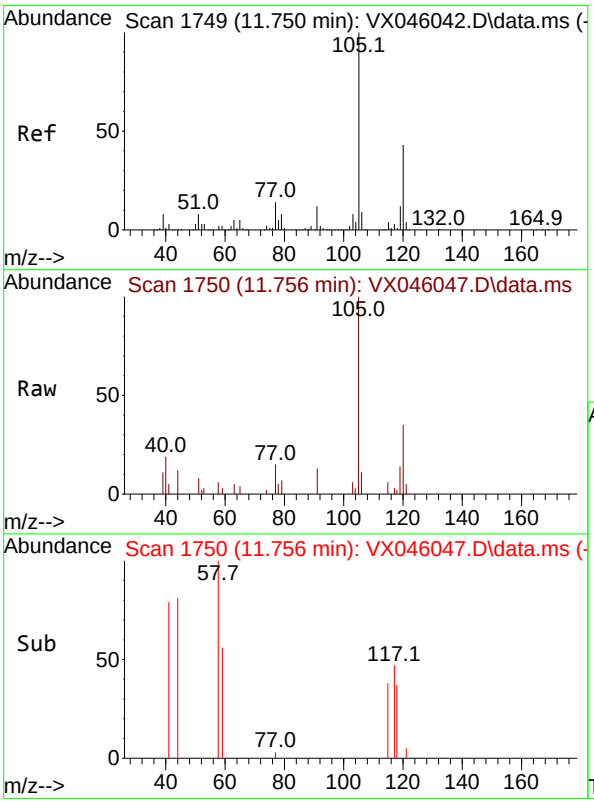
#83
tert-Butylbenzene
Concen: 0.751 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 3951

Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.9	98.7
134	25.2	11.4	34.1

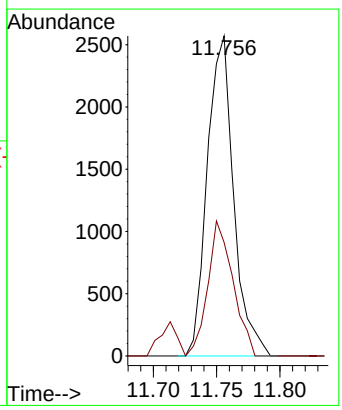


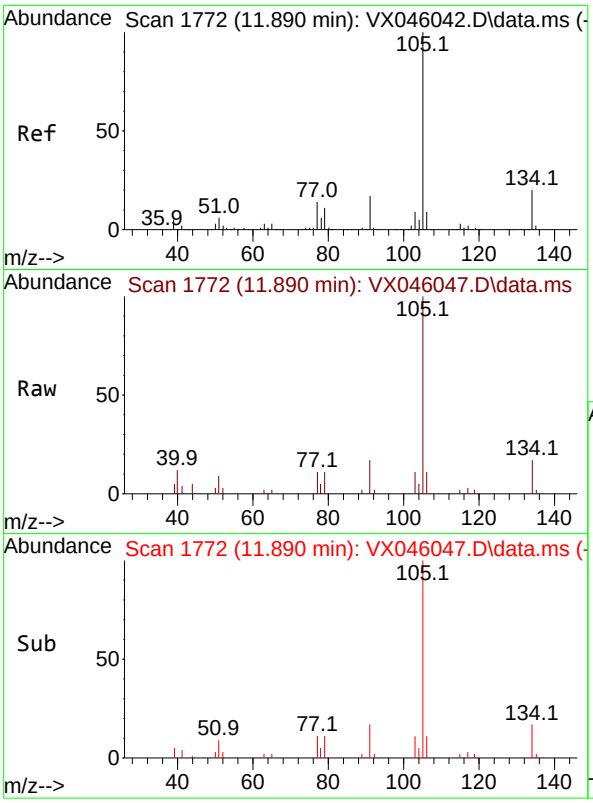


#84
1,2,4-Trimethylbenzene
Concen: 0.697 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:105 Resp: 3725

Ion	Ratio	Lower	Upper
105	100		
120	40.3	21.2	63.6



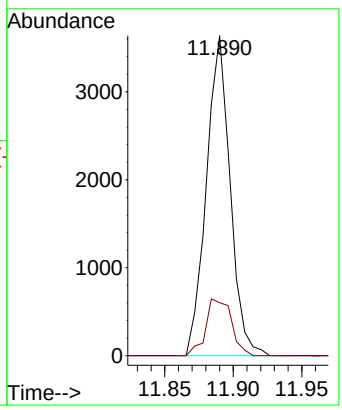


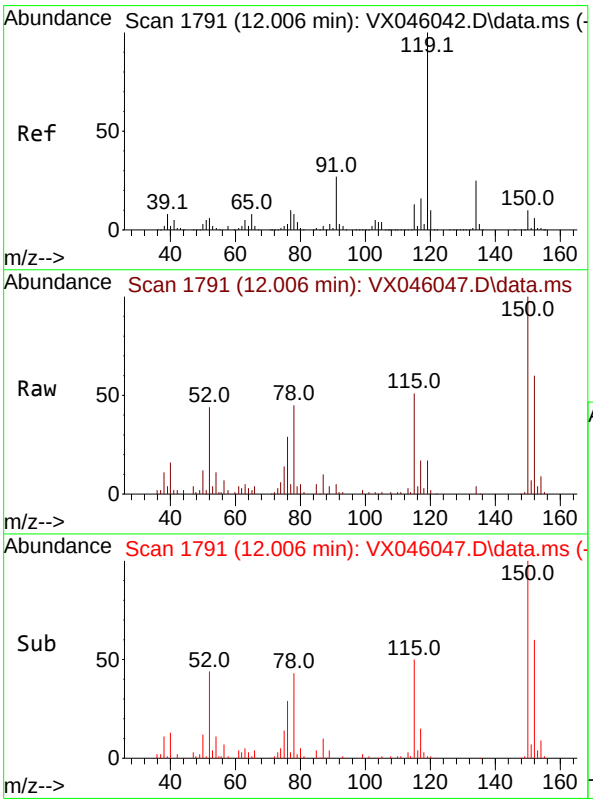
#85
sec-Butylbenzene
Concen: 0.672 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 4385

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

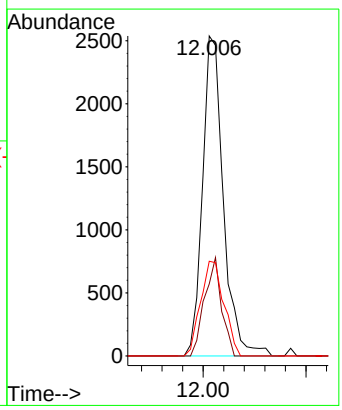


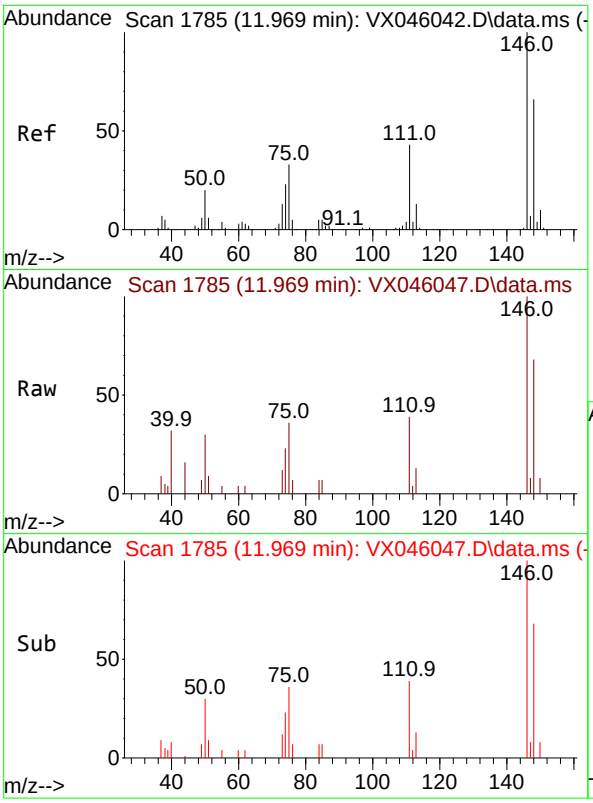


#86
p-Isopropyltoluene
Concen: 0.679 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:119 Resp: 3577

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	33.1	13.8	41.4



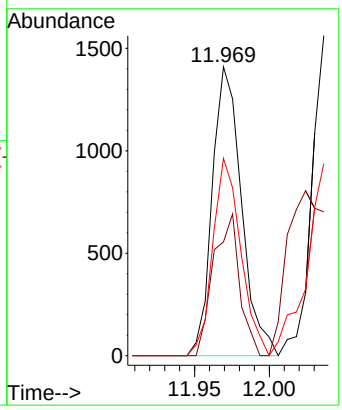


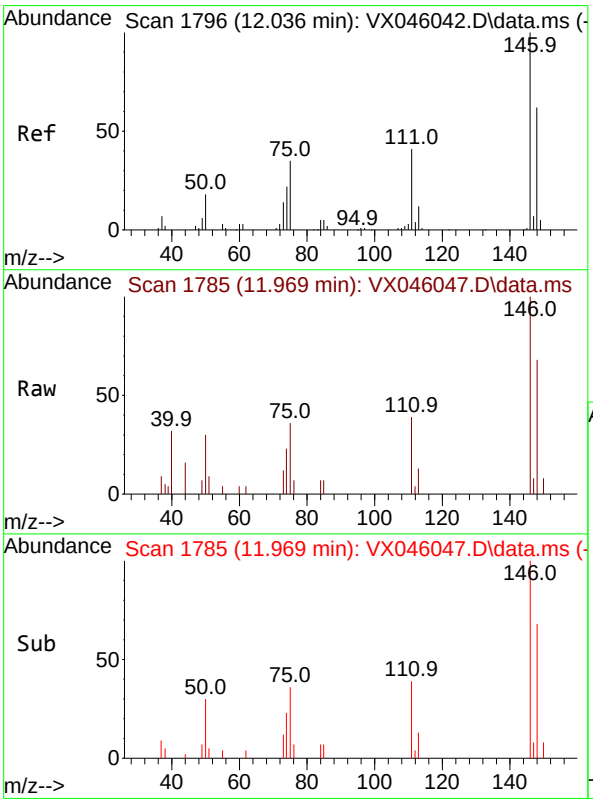
#87
1,3-Dichlorobenzene
Concen: 0.689 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 1914

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.1	66.3
148	65.3	32.1	96.5

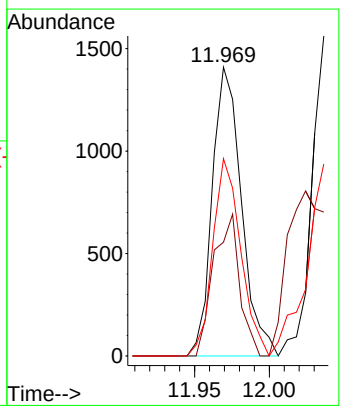


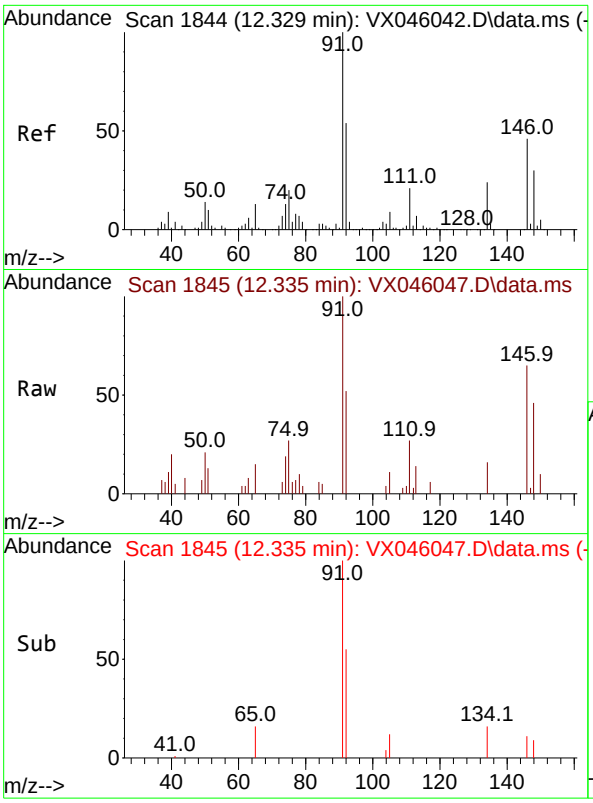


#88
1,4-Dichlorobenzene
Concen: 0.703 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.067 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:146 Resp: 1914

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.9
148	65.3	31.9	95.5



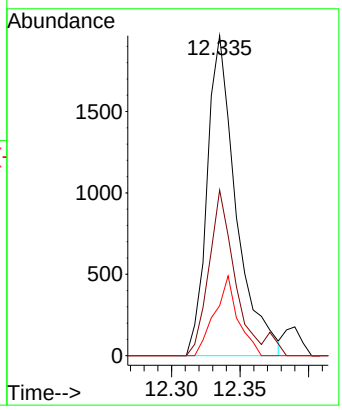


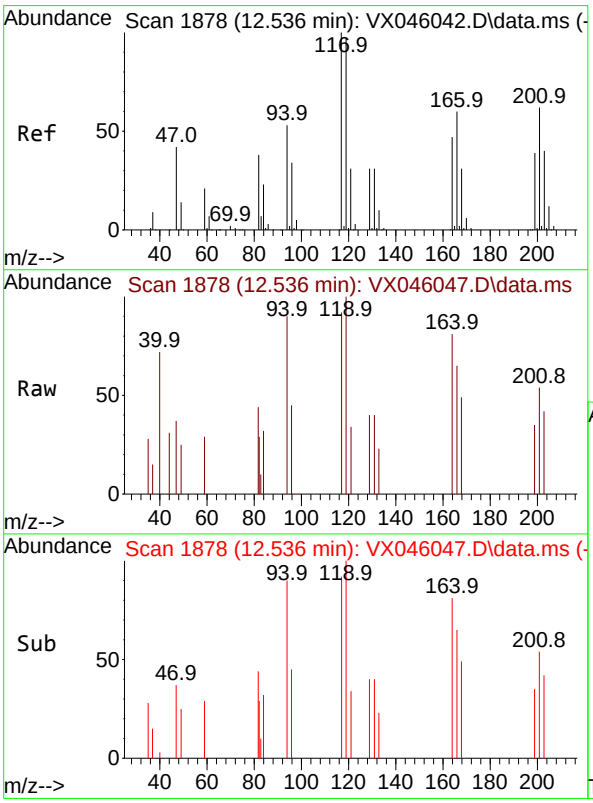
#89
n-Butylbenzene
Concen: 0.631 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 2889

Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.9	80.7
134	20.1	11.8	35.3

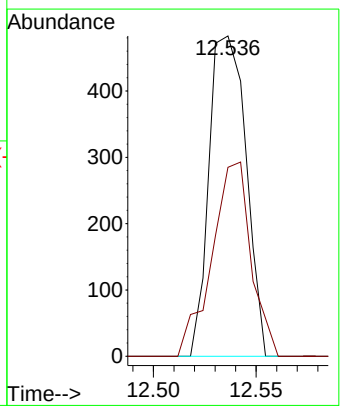


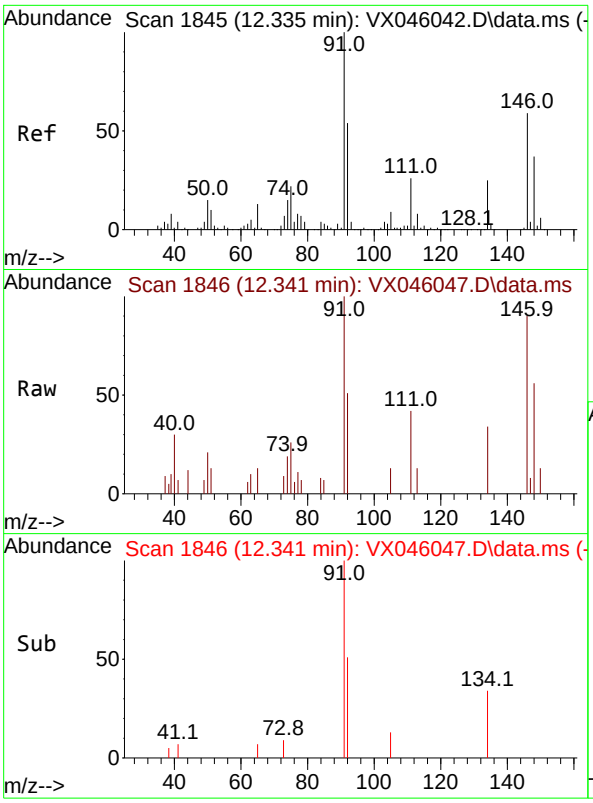


#90
Hexachloroethane
Concen: 0.616 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:117 Resp: 604

Ion	Ratio	Lower	Upper
117	100		
201	64.2	31.6	94.7



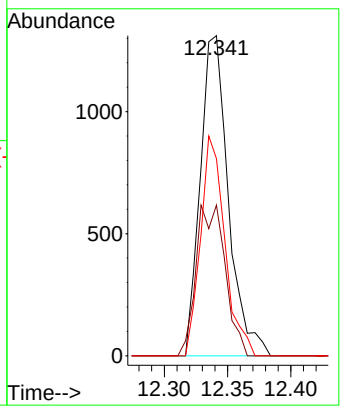


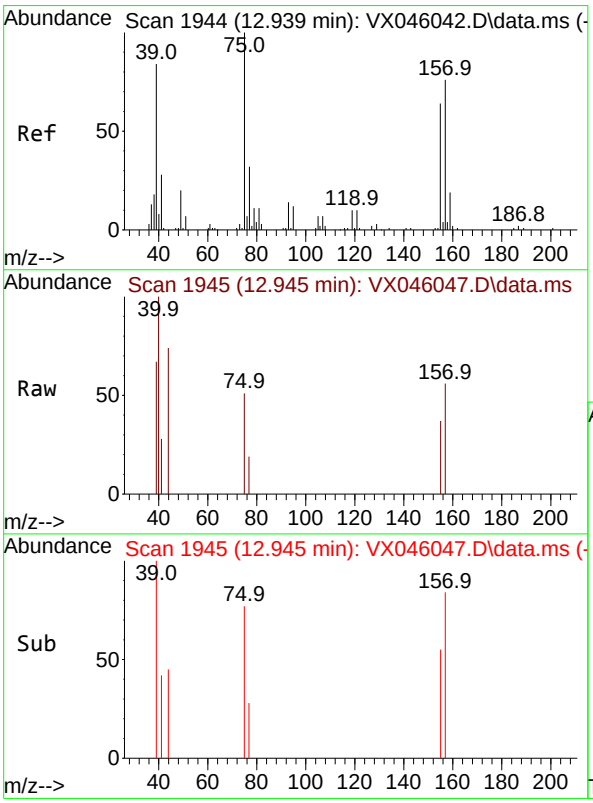
#91
1,2-Dichlorobenzene
Concen: 0.747 ug/l
RT: 12.341 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 2022

Ion	Ratio	Lower	Upper
146	100		
111	48.8	22.4	67.3
148	59.4	31.6	94.8

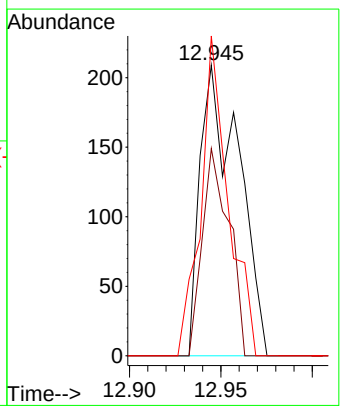


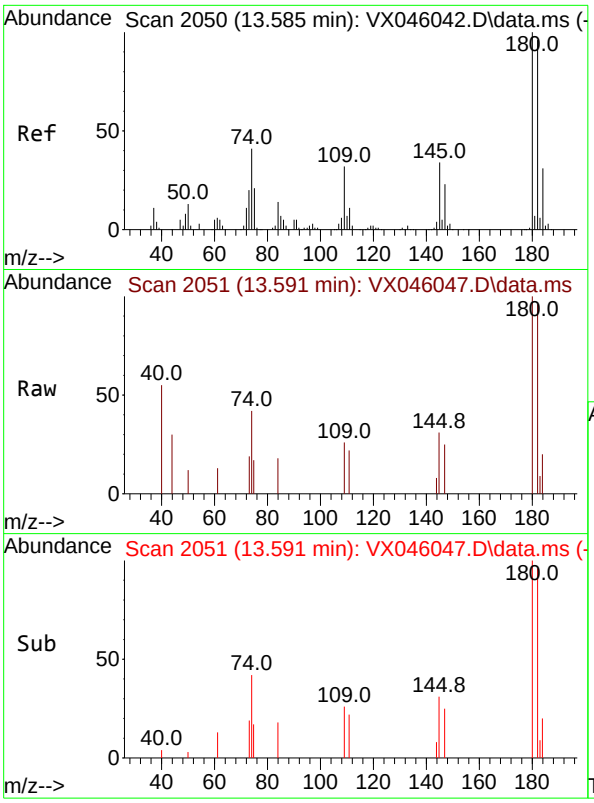


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.586 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 306

Ion	Ratio	Lower	Upper
75	100		
155	49.3	34.9	104.8
157	78.1	43.8	131.4



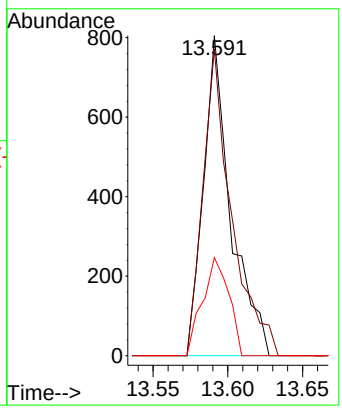


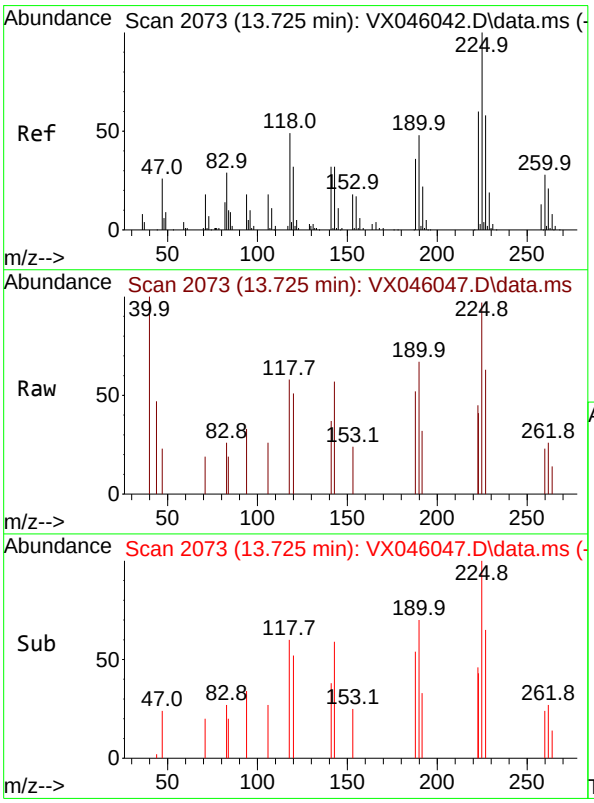
#93
1,2,4-Trichlorobenzene
Concen: 0.688 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 1019

Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.9	143.8
145	29.5	17.1	51.2

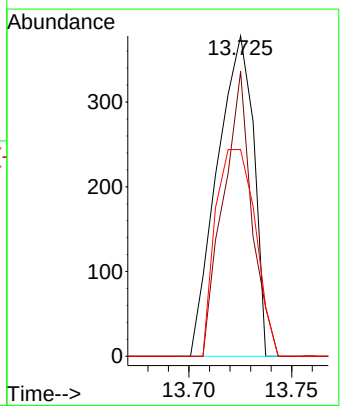


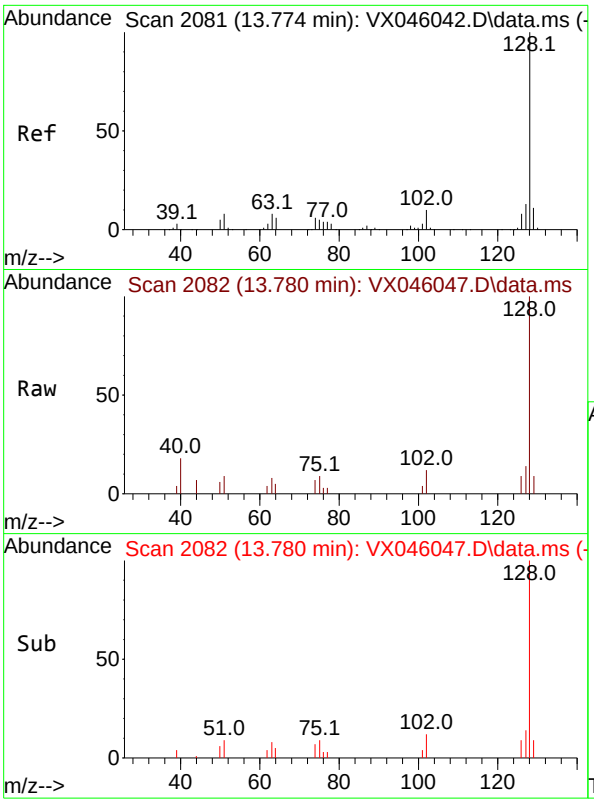


#94
Hexachlorobutadiene
Concen: 0.671 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:225 Resp: 465

Ion	Ratio	Lower	Upper
225	100		
223	69.7	30.8	92.4
227	70.5	30.9	92.7



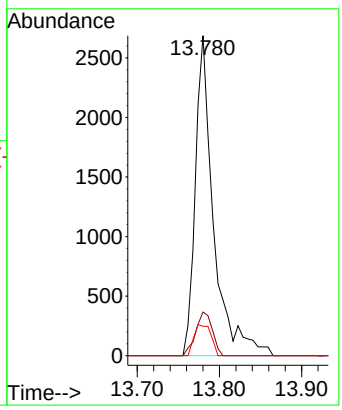


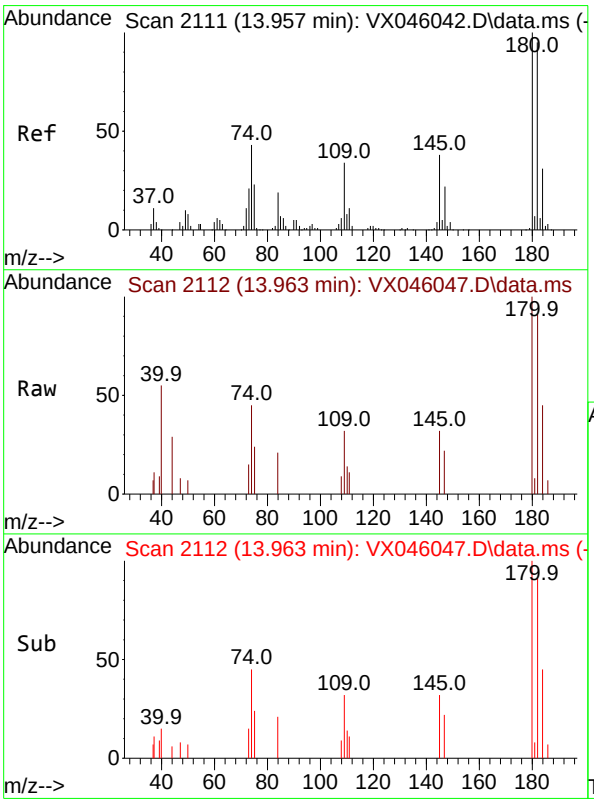
#95
Naphthalene
Concen: 0.767 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 4138

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	8.9	8.6	13.0

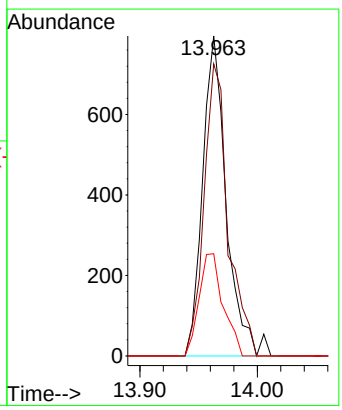




#96
1,2,3-Trichlorobenzene
Concen: 0.716 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:180 Resp: 1113

Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.8	143.3
145	32.5	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83733	48.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.020%			
35) Dibromofluoromethane	5.379	113	58192	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.647	98	198575	48.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	75568	48.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	78783	55.594	ug/l	99
3) Chloromethane	1.307	50	72275	52.592	ug/l	100
4) Vinyl Chloride	1.374	62	65994	51.598	ug/l	98
5) Bromomethane	1.593	94	30033	50.627	ug/l	97
6) Chloroethane	1.666	64	35690	52.271	ug/l	94
7) Trichlorofluoromethane	1.874	101	99352	52.560	ug/l	99
8) Diethyl Ether	2.130	74	31875	49.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59451	50.822	ug/l	99
10) Methyl Iodide	2.447	142	73940	53.419	ug/l	99
11) Tert butyl alcohol	2.977	59	61065	252.025	ug/l	99
12) 1,1-Dichloroethene	2.313	96	56097	51.097	ug/l	98
13) Acrolein	2.233	56	64157	232.505	ug/l	99
14) Allyl chloride	2.660	41	108757	51.833	ug/l	100
15) Acrylonitrile	3.063	53	181808	262.412	ug/l	99
16) Acetone	2.380	43	169923	245.518	ug/l	98
17) Carbon Disulfide	2.502	76	132695	50.981	ug/l	99
18) Methyl Acetate	2.703	43	80251	49.968	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	195442	50.777	ug/l	99
20) Methylene Chloride	2.782	84	63369	47.779	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	55770	50.513	ug/l	99
22) Diisopropyl ether	3.757	45	209946	51.800	ug/l	97
23) Vinyl Acetate	3.715	43	946746	265.585	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114733	50.825	ug/l	98
25) 2-Butanone	4.556	43	258339	257.110	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88229	49.934	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67727	50.956	ug/l	100
28) Bromochloromethane	4.891	49	55390	50.975	ug/l	98
29) Tetrahydrofuran	5.001	42	163675	259.958	ug/l	99
30) Chloroform	5.093	83	120782	51.332	ug/l	97
31) Cyclohexane	5.458	56	103158	50.147	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	104243	51.108	ug/l	100
36) 1,1-Dichloropropene	5.690	75	77931	49.521	ug/l	99
37) Ethyl Acetate	4.715	43	98604	50.714	ug/l	100
38) Carbon Tetrachloride	5.666	117	88100	49.825	ug/l	97
39) Methylcyclohexane	7.373	83	100808	49.757	ug/l	98
40) Benzene	6.031	78	233977	50.759	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	56017	55.076	ug/l		100
42) 1,2-Dichloroethane	6.080	62	101185	50.861	ug/l		98
43) Isopropyl Acetate	6.336	43	154818	52.195	ug/l		99
44) Trichloroethene	7.123	130	55491	50.018	ug/l		100
45) 1,2-Dichloropropane	7.428	63	59582	51.983	ug/l		98
46) Dibromomethane	7.580	93	45181	49.978	ug/l		99
47) Bromodichloromethane	7.818	83	92388	51.889	ug/l		100
48) Methyl methacrylate	7.690	41	82144	54.226	ug/l		98
49) 1,4-Dioxane	7.659	88	30477	1059.599	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	510206	259.133	ug/l		100
52) Toluene	8.714	92	144574	51.150	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	83751	52.920	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	92517	52.892	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	56713	50.887	ug/l		96
56) Ethyl methacrylate	9.116	69	95772	53.918	ug/l		99
57) 1,3-Dichloropropane	9.305	76	99663	49.793	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.238	63	240681	265.780	ug/l		99
59) 2-Hexanone	9.427	43	390701	268.218	ug/l		100
60) Dibromochloromethane	9.519	129	63738	52.075	ug/l		99
61) 1,2-Dibromoethane	9.610	107	59134	51.050	ug/l		98
64) Tetrachloroethene	9.269	164	48034	46.795	ug/l		98
65) Chlorobenzene	10.073	112	154640	48.699	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53735	49.557	ug/l		100
67) Ethyl Benzene	10.189	91	281239	50.245	ug/l		100
68) m/p-Xylenes	10.299	106	206813	101.022	ug/l		99
69) o-Xylene	10.640	106	101469	50.841	ug/l		99
70) Styrene	10.653	104	169703	51.907	ug/l		99
71) Bromoform	10.799	173	40364	49.583	ug/l	#	97
73) Isopropylbenzene	10.957	105	269484	50.733	ug/l		100
74) N-amyl acetate	10.842	43	137559	52.407	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89027	47.827	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	99886	60.821	ug/l		86
77) Bromobenzene	11.195	156	59871	48.549	ug/l		98
78) n-propylbenzene	11.299	91	312285	50.562	ug/l		100
79) 2-Chlorotoluene	11.360	91	195630	49.107	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	228538	51.500	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24857	49.276	ug/l		98
82) 4-Chlorotoluene	11.451	91	223811	50.661	ug/l		100
83) tert-Butylbenzene	11.713	119	225783	50.511	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	231371	51.485	ug/l		100
85) sec-Butylbenzene	11.890	105	280578	51.122	ug/l		99
86) p-Isopropyltoluene	12.006	119	231942	51.198	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	113146	50.272	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	111173	48.368	ug/l		99
89) n-Butylbenzene	12.329	91	205858	51.804	ug/l		100
90) Hexachloroethane	12.536	117	39823	49.895	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	111482	49.361	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21220	51.458	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	64421	49.662	ug/l		100
94) Hexachlorobutadiene	13.719	225	27425	48.408	ug/l		98
95) Naphthalene	13.774	128	239805	50.404	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	64950	48.525	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

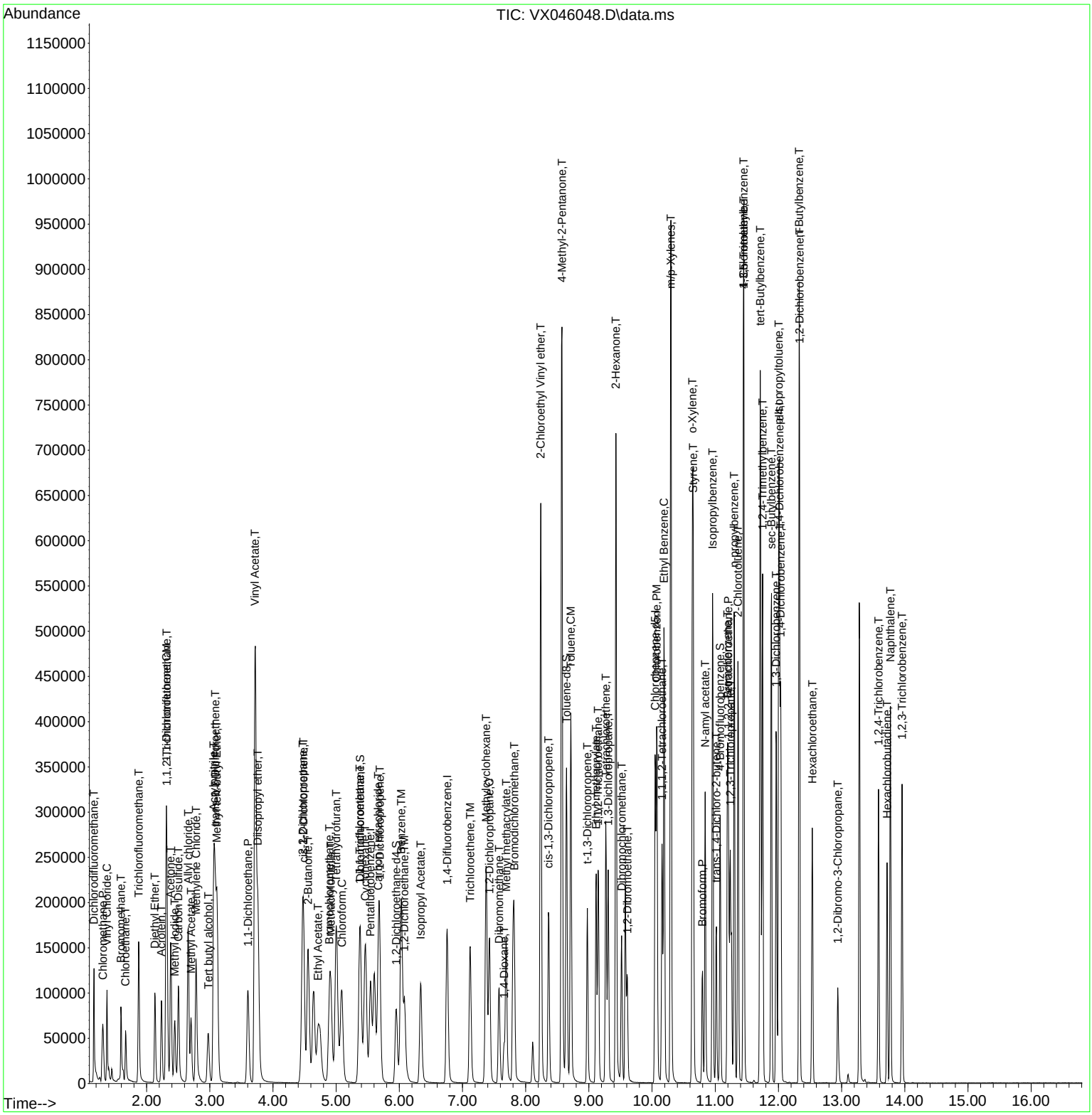
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

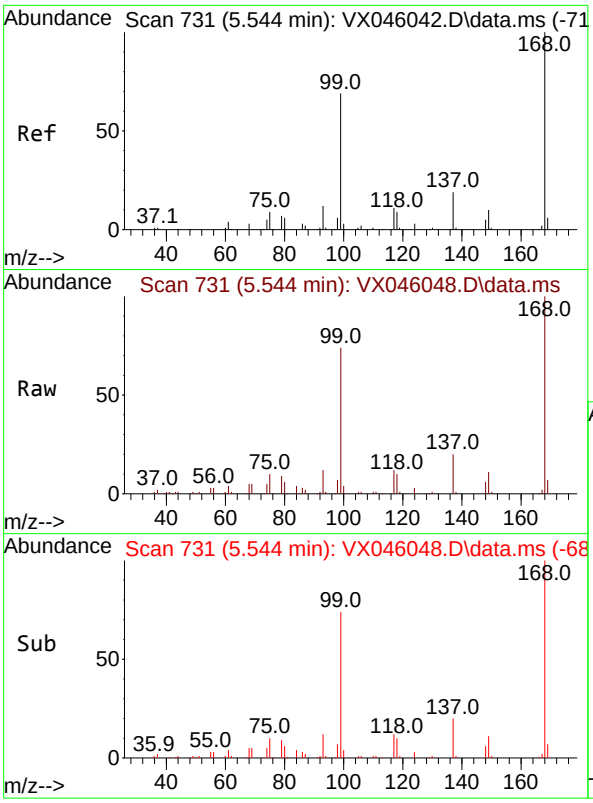
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



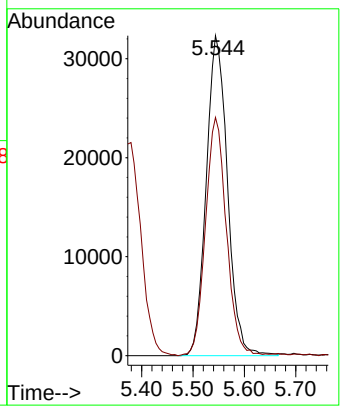


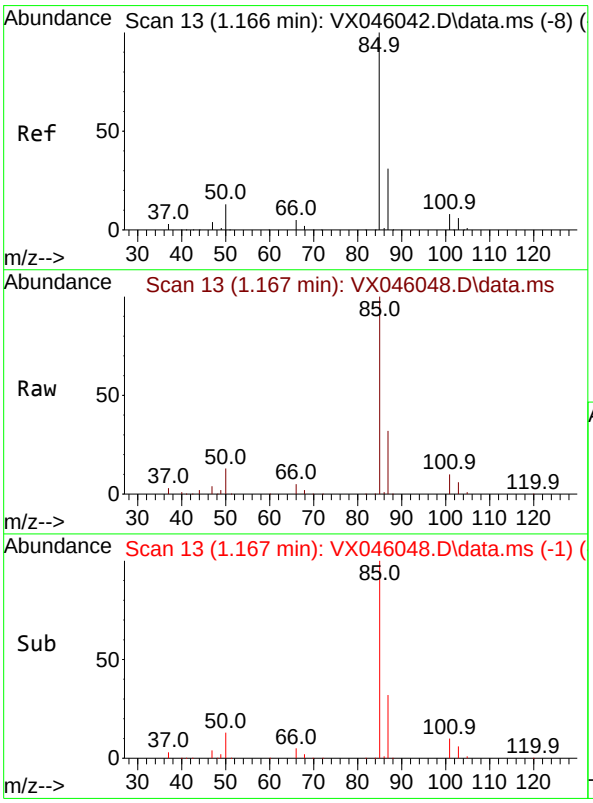
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:168 Resp: 92588

Ion	Ratio	Lower	Upper
168	100		
99	74.5	54.9	82.3

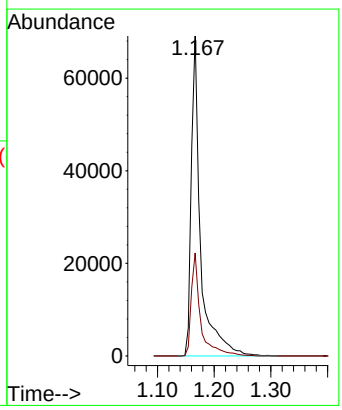


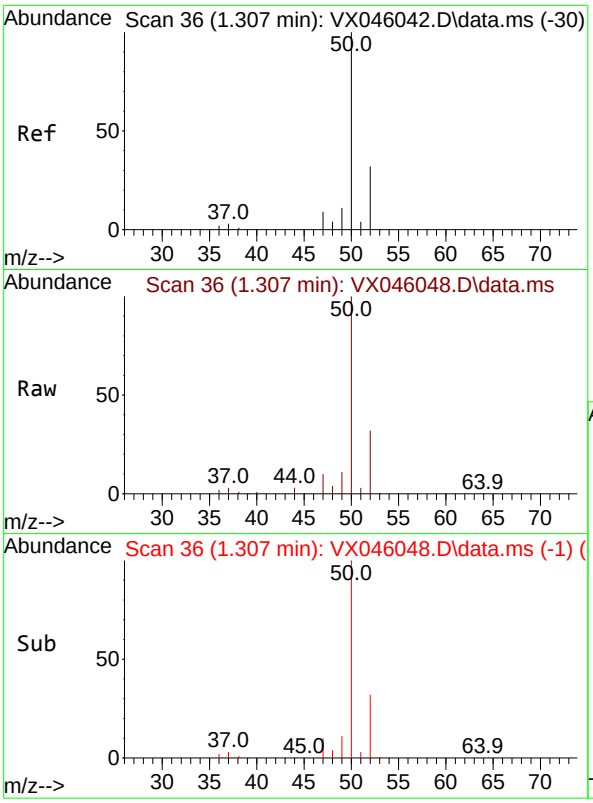


#2
Dichlorodifluoromethane
Concen: 55.594 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 85 Resp: 78783

Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.7	47.1



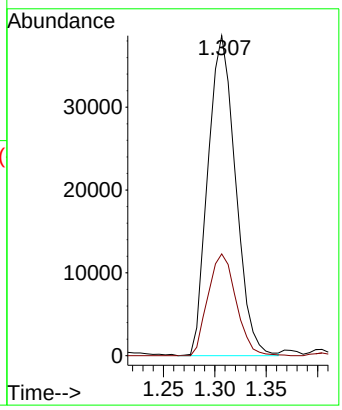


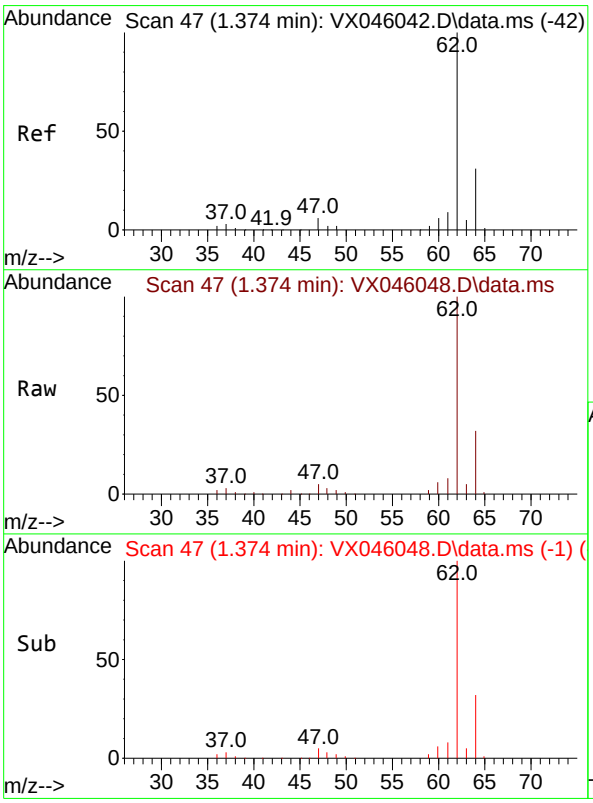
#3
Chloromethane
Concen: 52.592 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 50 Resp: 72275

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.4	38.2

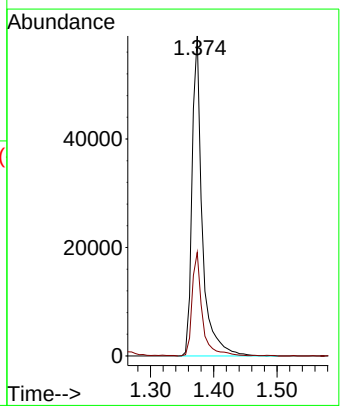


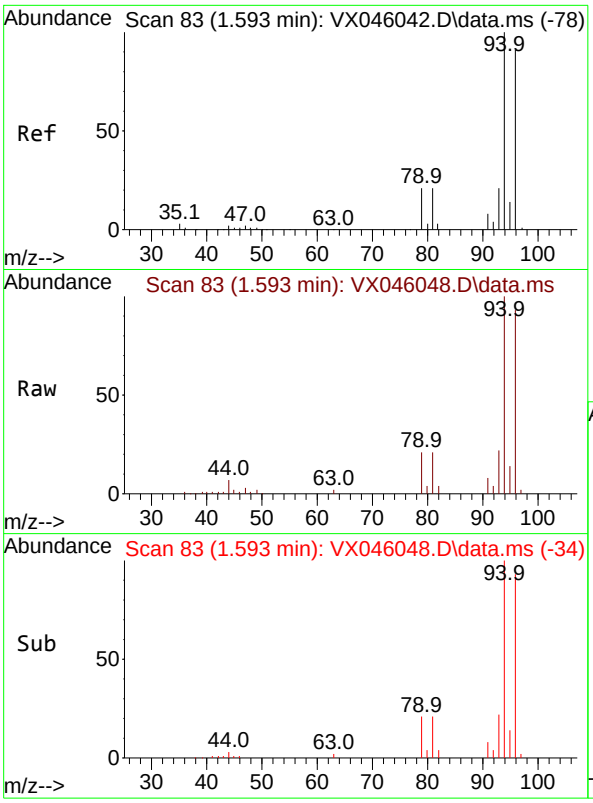


#4
Vinyl Chloride
Concen: 51.598 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 62 Resp: 65994

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.2	37.8



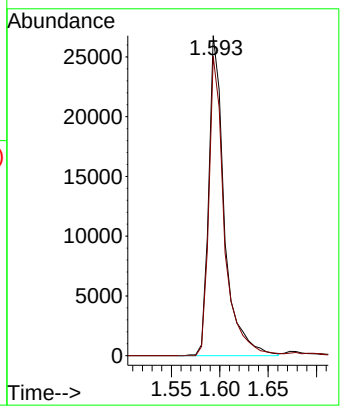


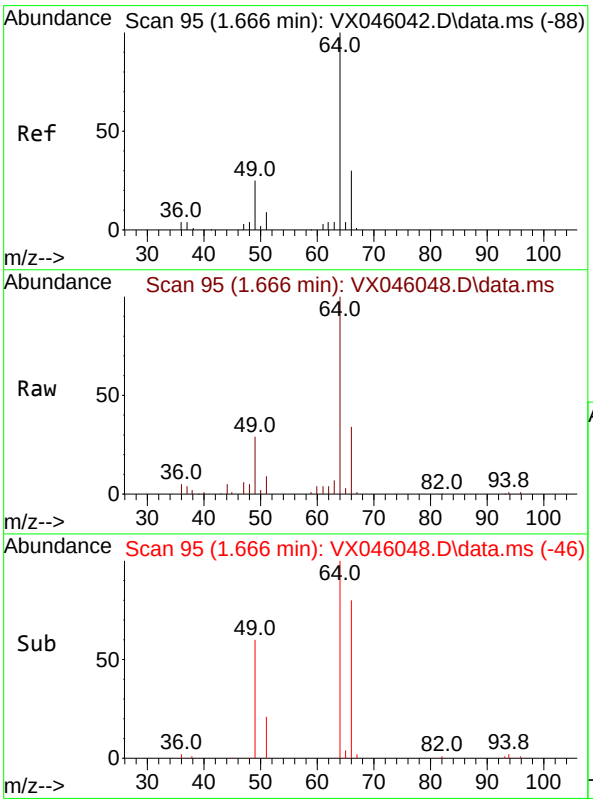
#5
Bromomethane
Concen: 50.627 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 94 Resp: 30033

Ion	Ratio	Lower	Upper
94	100		
96	93.5	72.8	109.2

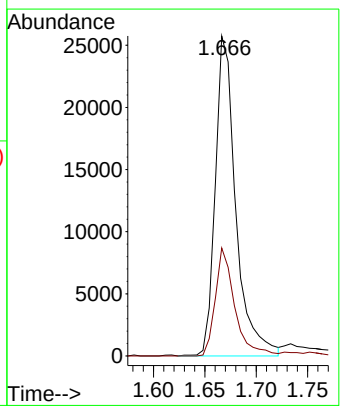


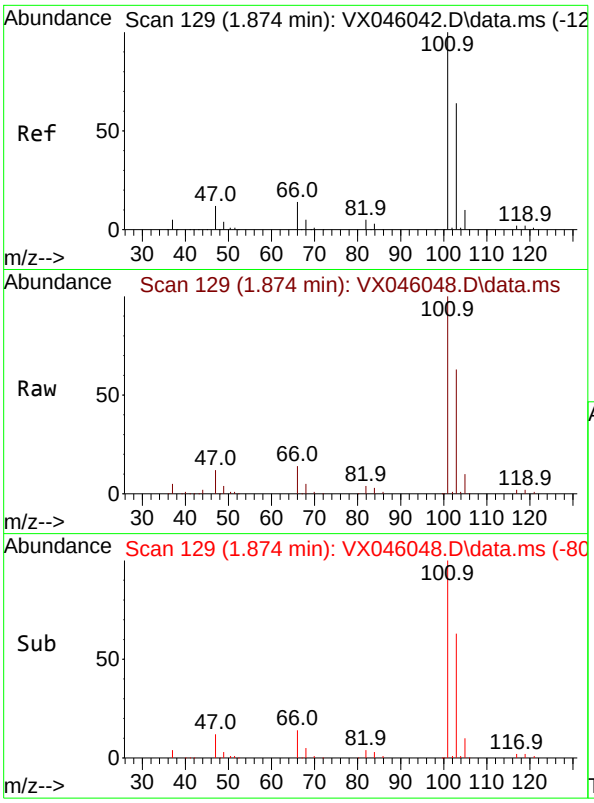


#6
Chloroethane
Concen: 52.271 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 64 Resp: 35690

Ion	Ratio	Lower	Upper
64	100		
66	33.7	24.3	36.5



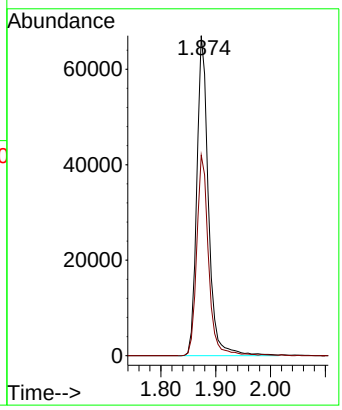


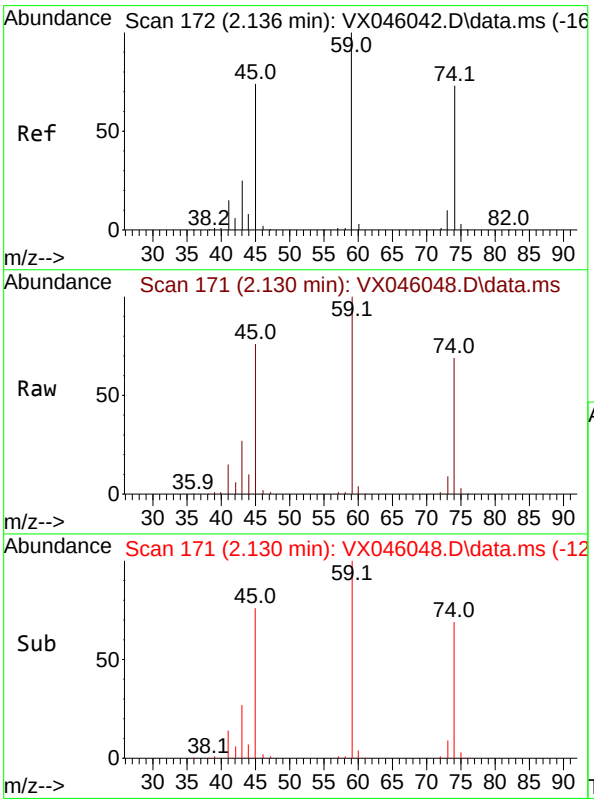
#7
Trichlorofluoromethane
Concen: 52.560 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:101 Resp: 99352

Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.0	76.4

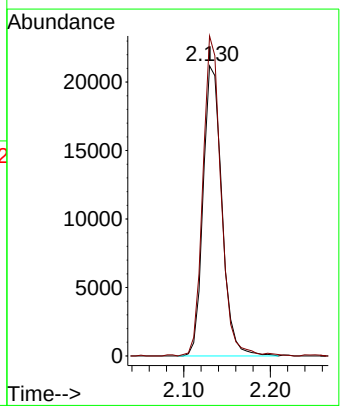


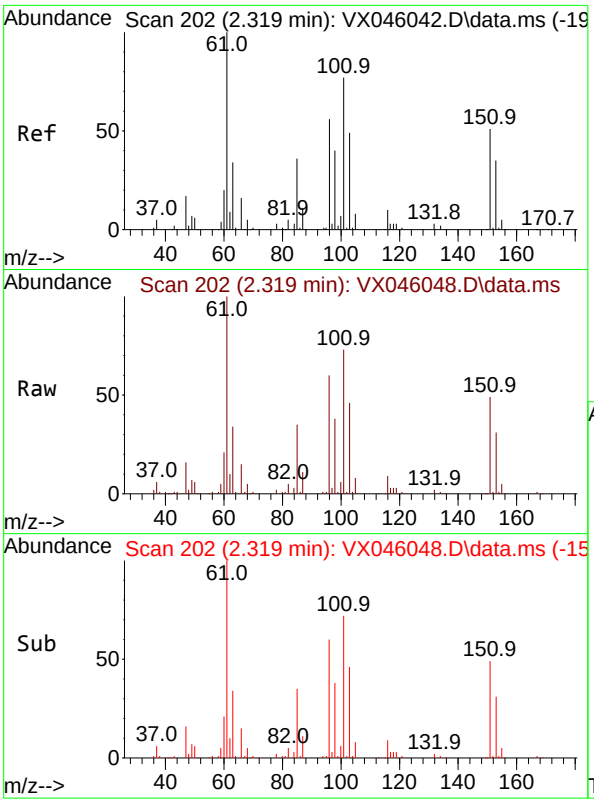


#8
Diethyl Ether
Concen: 49.536 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 74 Resp: 31875

Ion	Ratio	Lower	Upper
74	100		
45	107.1	54.9	164.8



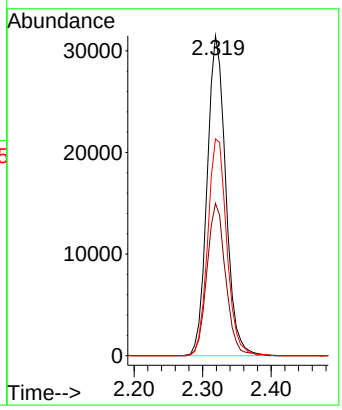


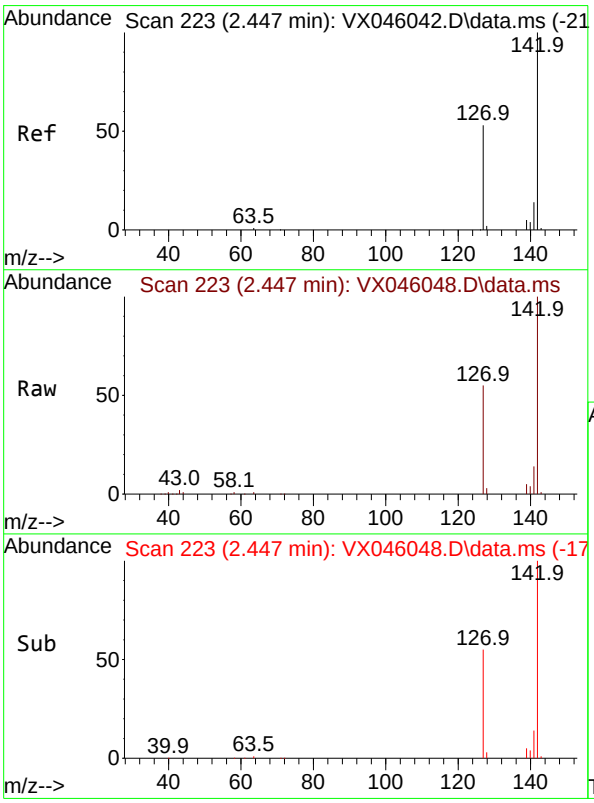
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.822 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:101 Resp: 59451

Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.6	58.0
151	69.4	55.2	82.8

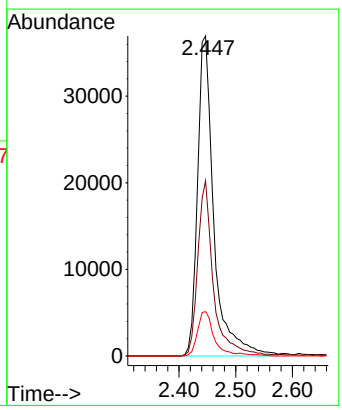


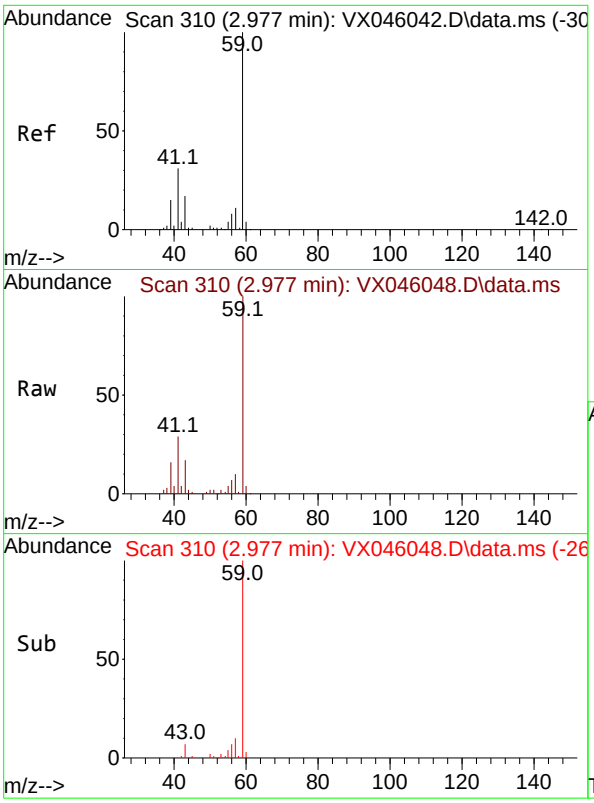


#10
Methyl Iodide
Concen: 53.419 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:142 Resp: 73940

Ion	Ratio	Lower	Upper
142	100		
127	52.9	41.7	62.5
141	14.4	11.5	17.3



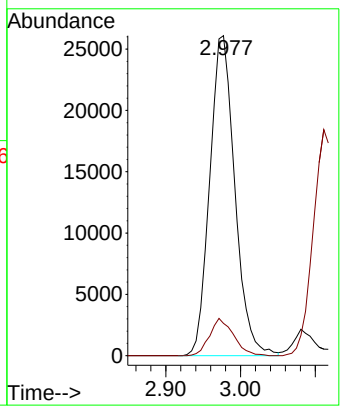


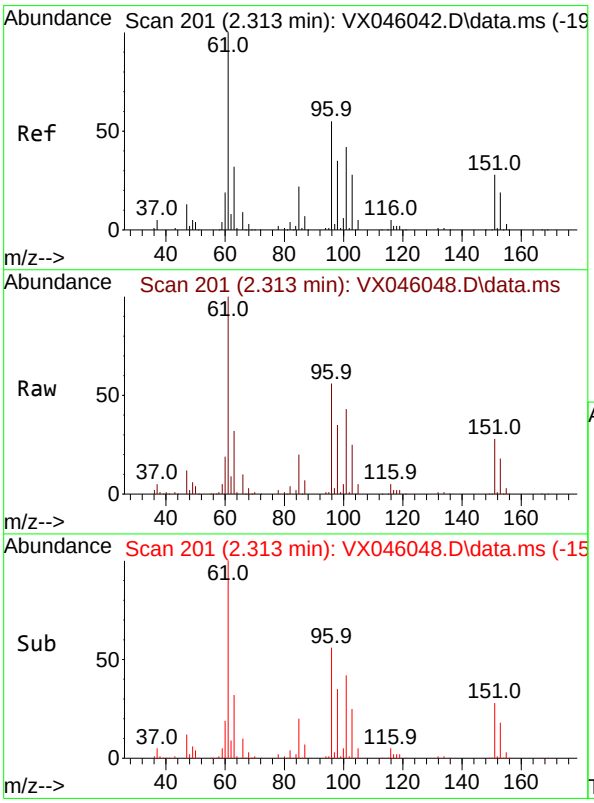
#11
Tert butyl alcohol
Concen: 252.025 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 59 Resp: 61065

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

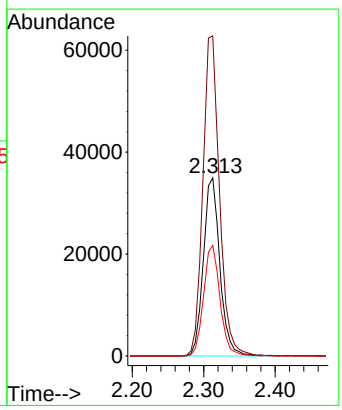


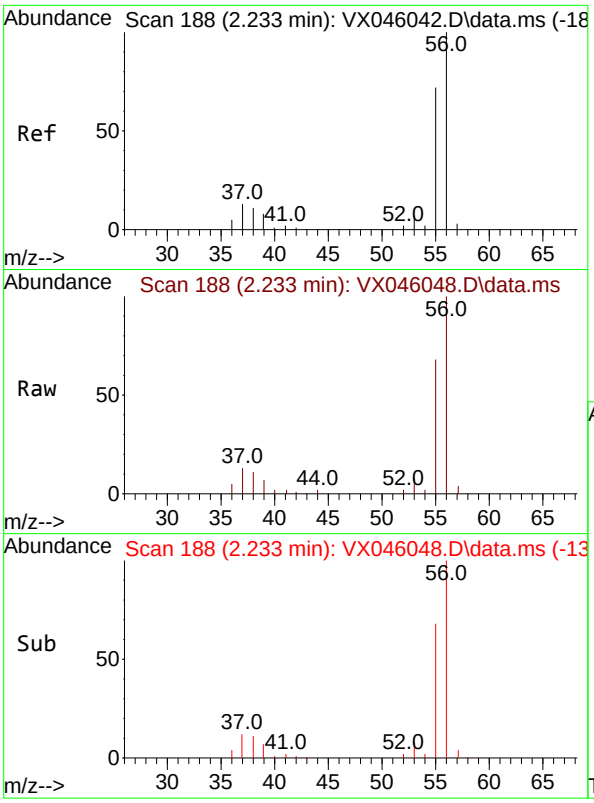


#12
1,1-Dichloroethene
Concen: 51.097 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 96 Resp: 56097

Ion	Ratio	Lower	Upper
96	100		
61	179.7	146.2	219.2
98	62.1	51.0	76.6



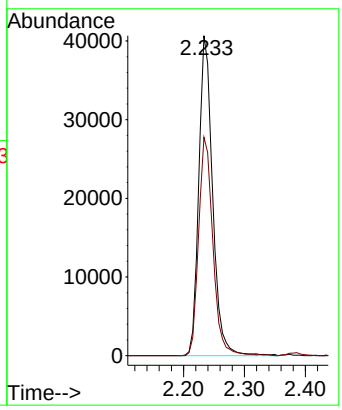


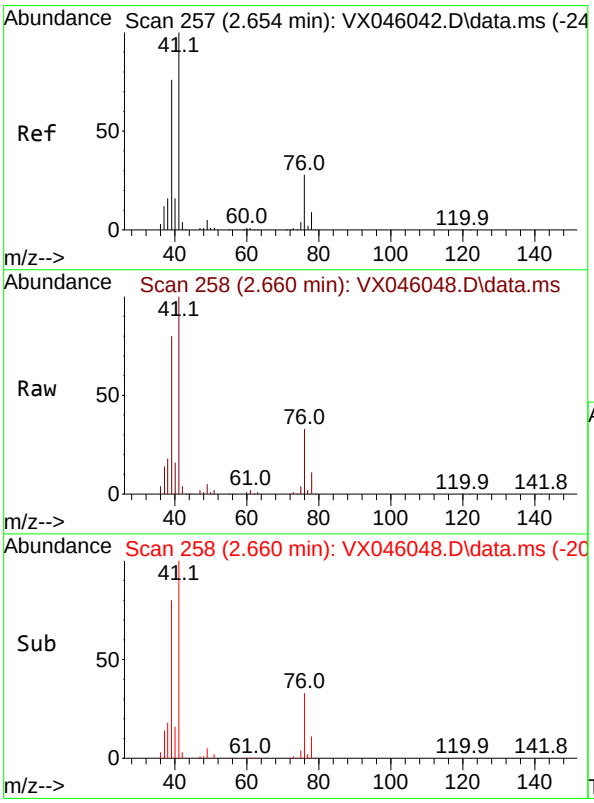
#13
Acrolein
Concen: 232.505 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 56 Resp: 64157

Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.2	84.4

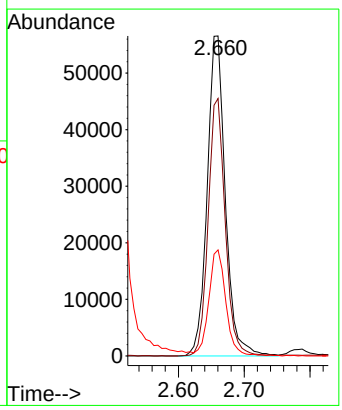


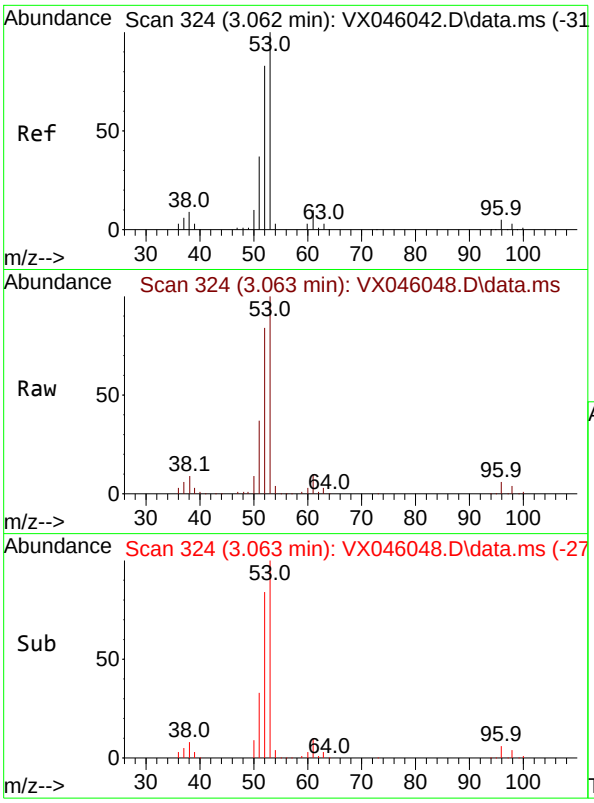


#14
Allyl chloride
Concen: 51.833 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 41 Resp: 108757

Ion	Ratio	Lower	Upper
41	100		
39	75.6	60.6	90.8
76	31.1	24.9	37.3



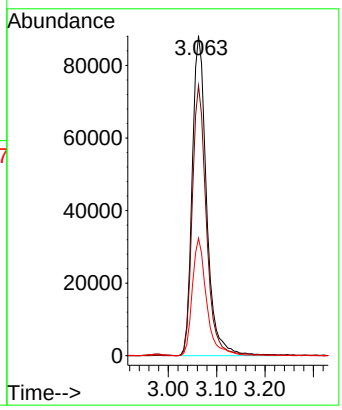


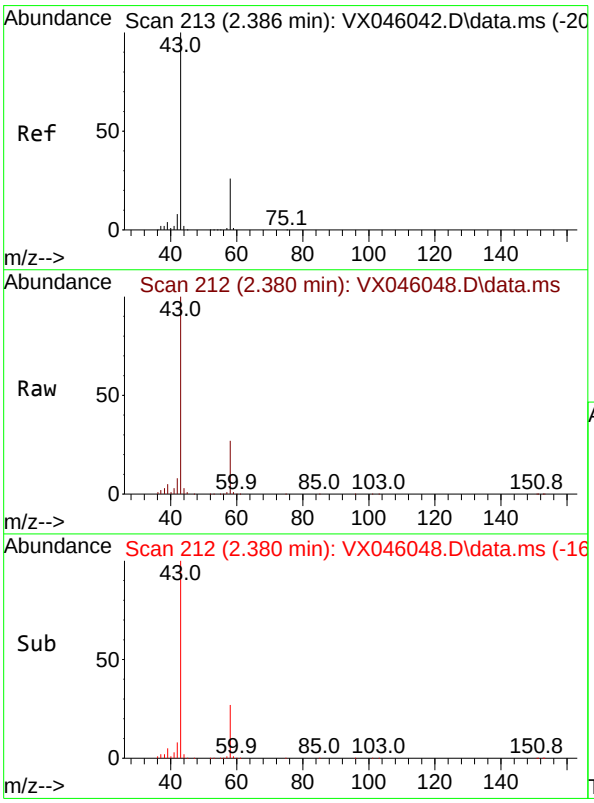
#15
Acrylonitrile
Concen: 262.412 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 53 Resp: 181808

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	36.5	29.8	44.8

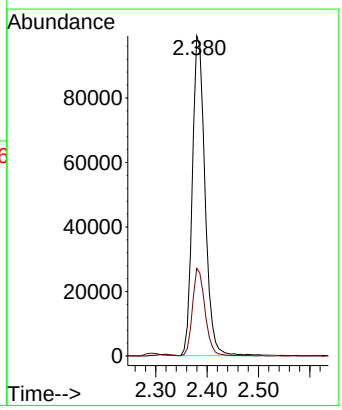


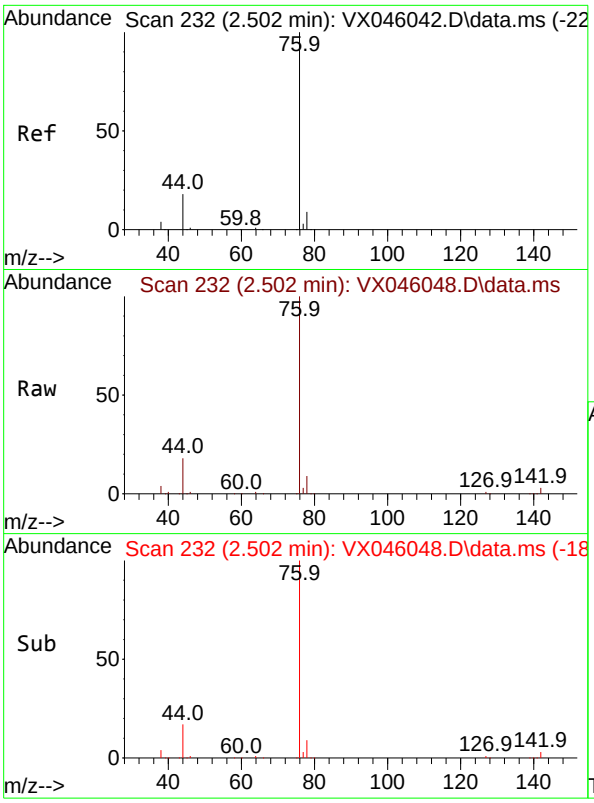


#16
Acetone
Concen: 245.518 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 169923

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.2	31.8



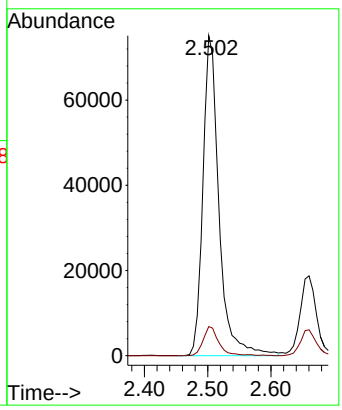


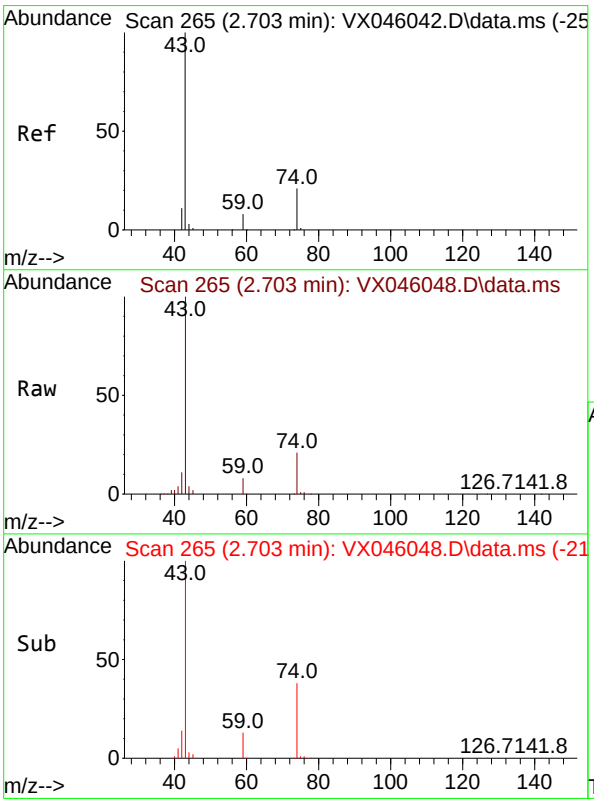
#17
Carbon Disulfide
Concen: 50.981 ug/l
RT: 2.502 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 76 Resp: 132695

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4

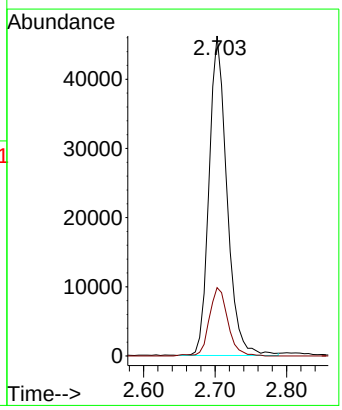


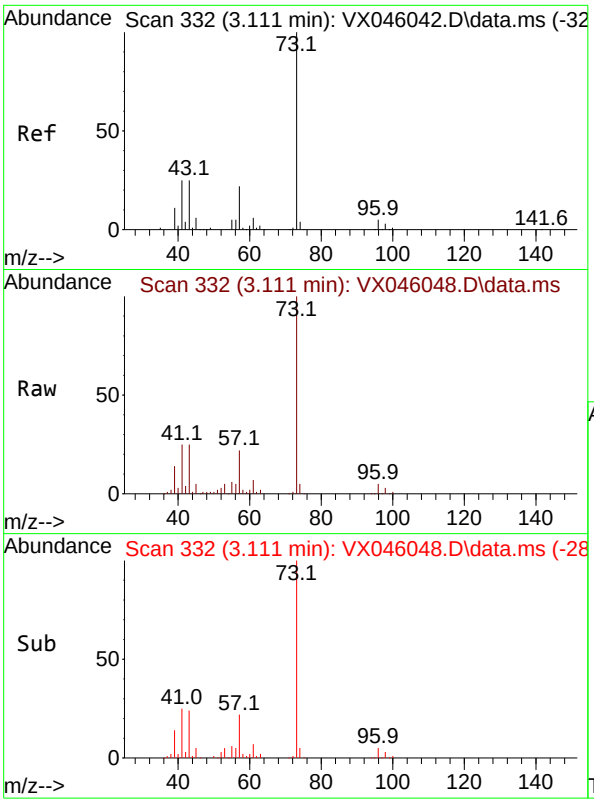


#18
Methyl Acetate
Concen: 49.968 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 80251

Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1



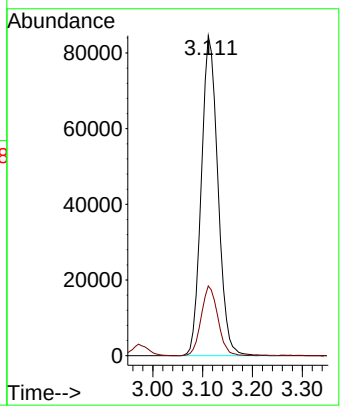


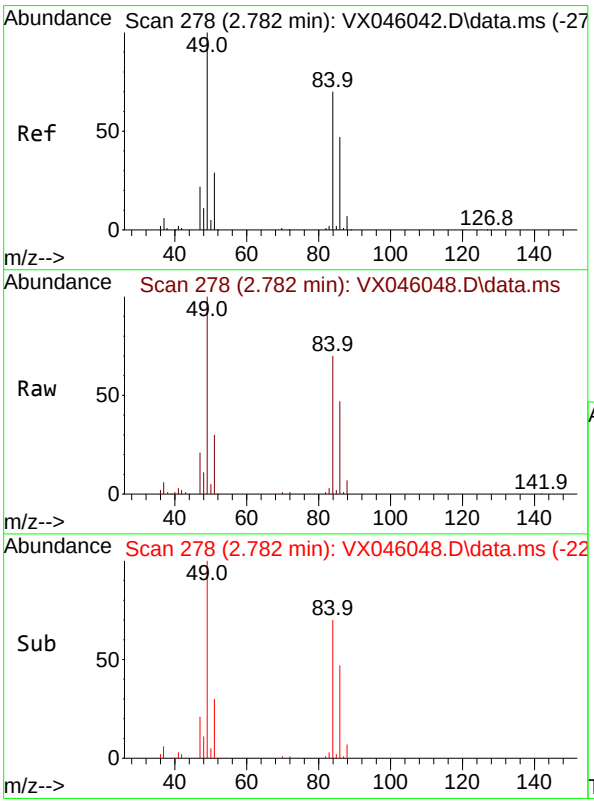
#19
Methyl tert-butyl Ether
Concen: 50.777 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 73 Resp: 195442

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

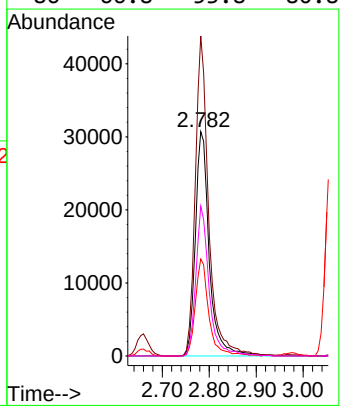


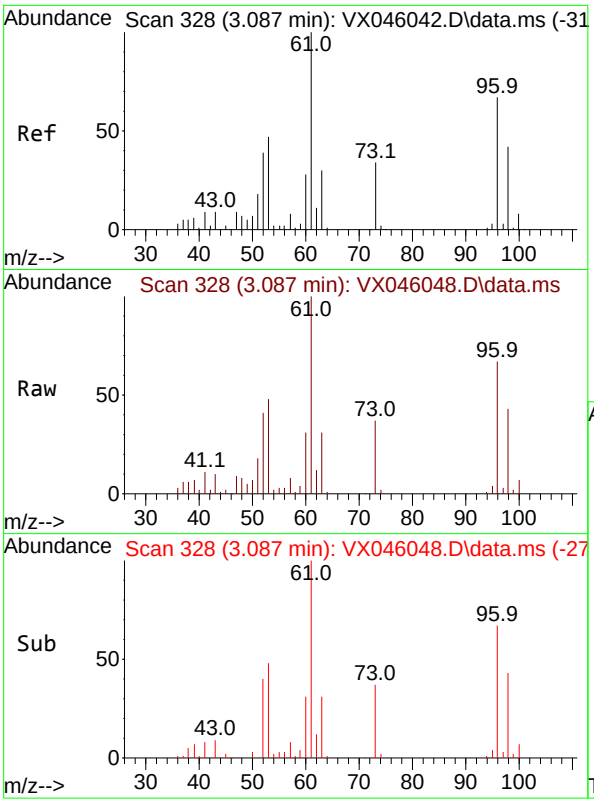


#20
Methylene Chloride
Concen: 47.779 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 84 Resp: 63369

Ion	Ratio	Lower	Upper
84	100		
49	142.7	113.9	170.9
51	43.3	33.5	50.3
86	66.8	53.8	80.8



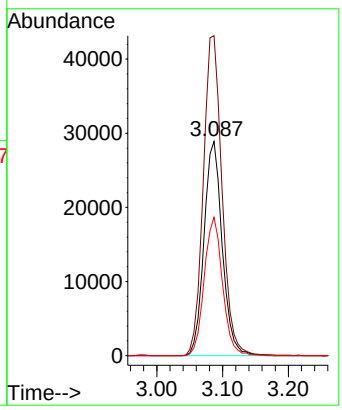


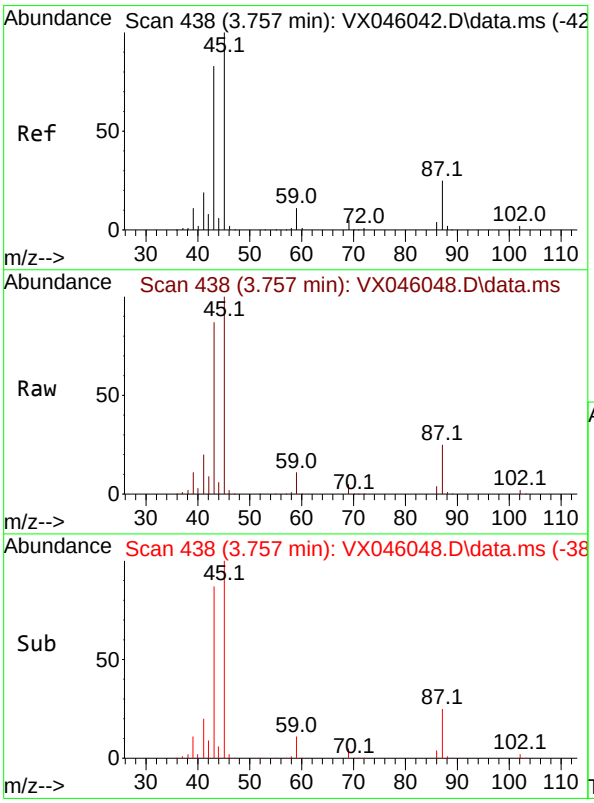
#21
trans-1,2-Dichloroethene
Concen: 50.513 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 96 Resp: 55770

Ion	Ratio	Lower	Upper
96	100		
61	149.3	119.5	179.3
98	64.6	50.0	75.0

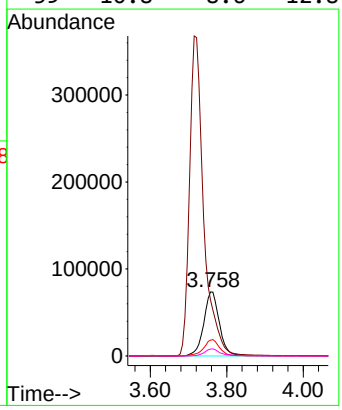


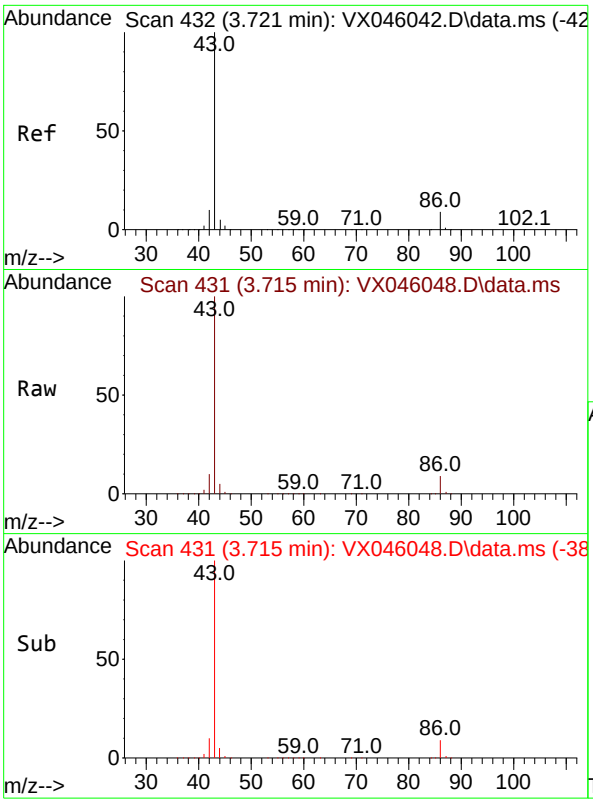


#22
Diisopropyl ether
Concen: 51.800 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 45 Resp: 209946

Ion	Ratio	Lower	Upper
45	100		
43	86.9	66.6	100.0
87	24.8	19.8	29.6
59	10.8	8.6	12.8



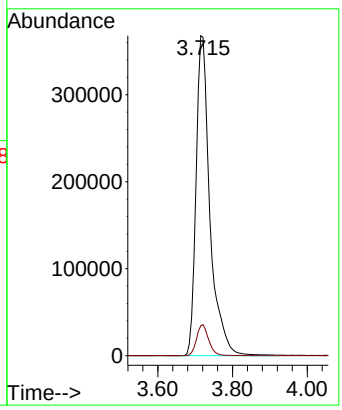


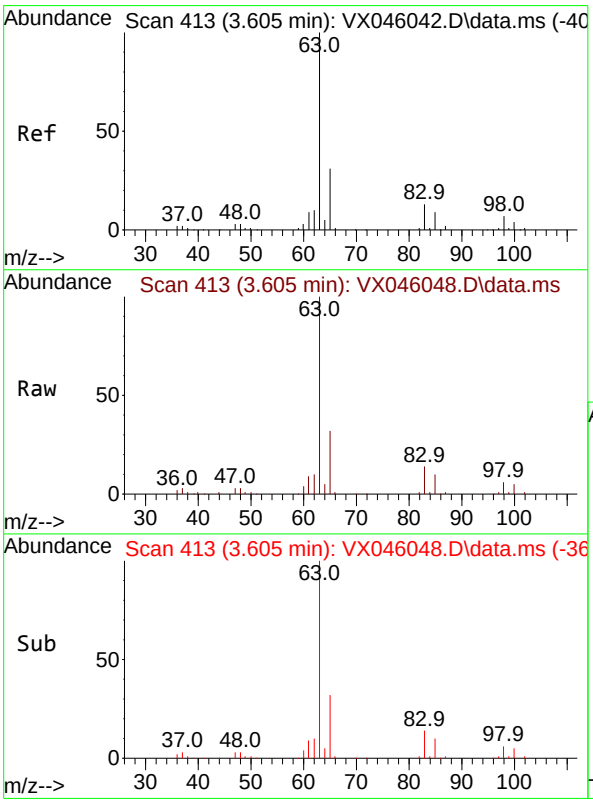
#23
Vinyl Acetate
Concen: 265.585 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 946746

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

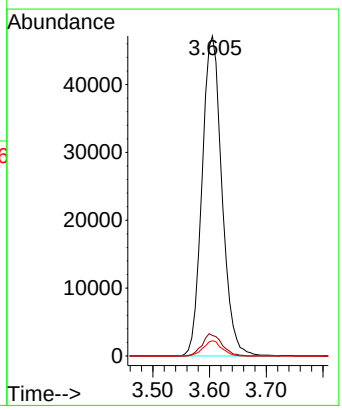


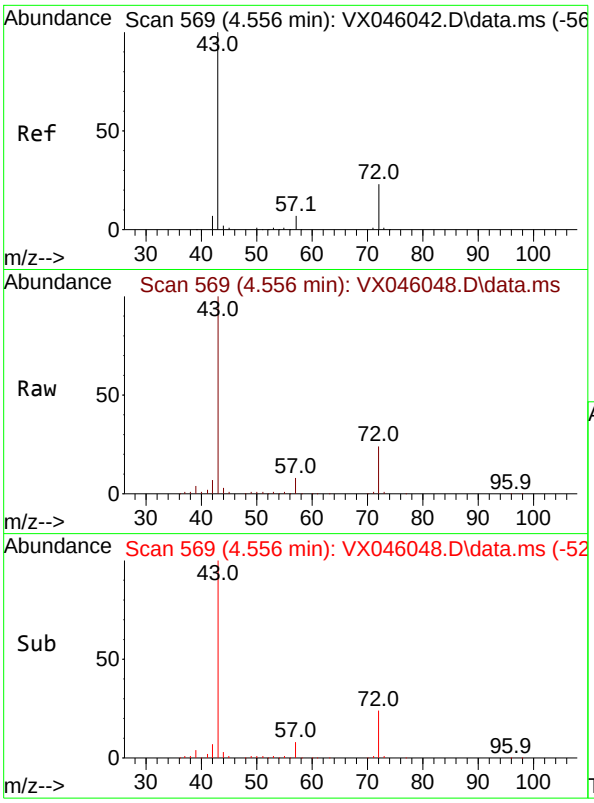


#24
1,1-Dichloroethane
Concen: 50.825 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 63 Resp: 114733

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	4.8	2.1	6.3



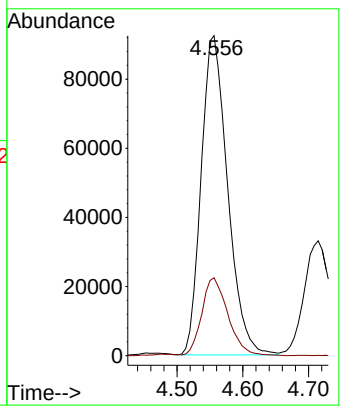


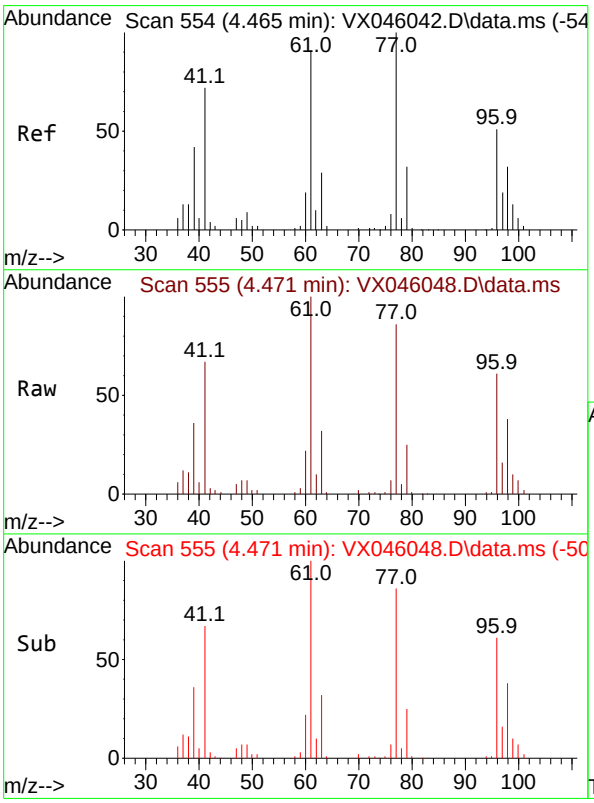
#25
2-Butanone
Concen: 257.110 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 258339

Ion	Ratio	Lower	Upper
43	100		
72	24.3	18.4	27.6

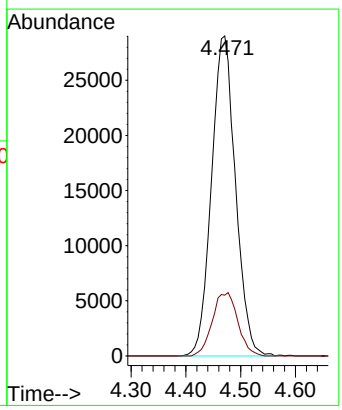


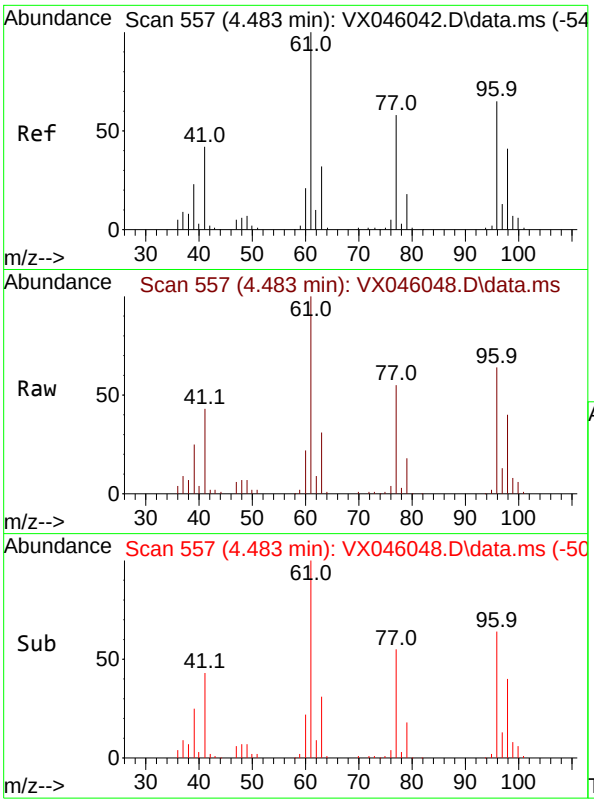


#26
2,2-Dichloropropane
Concen: 49.934 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 77 Resp: 88229

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.5	31.5



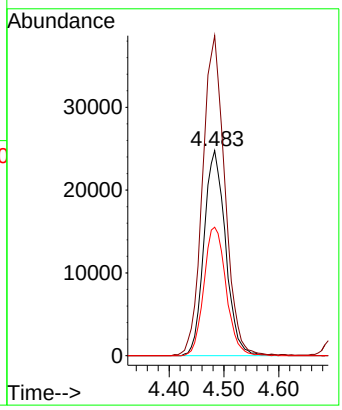


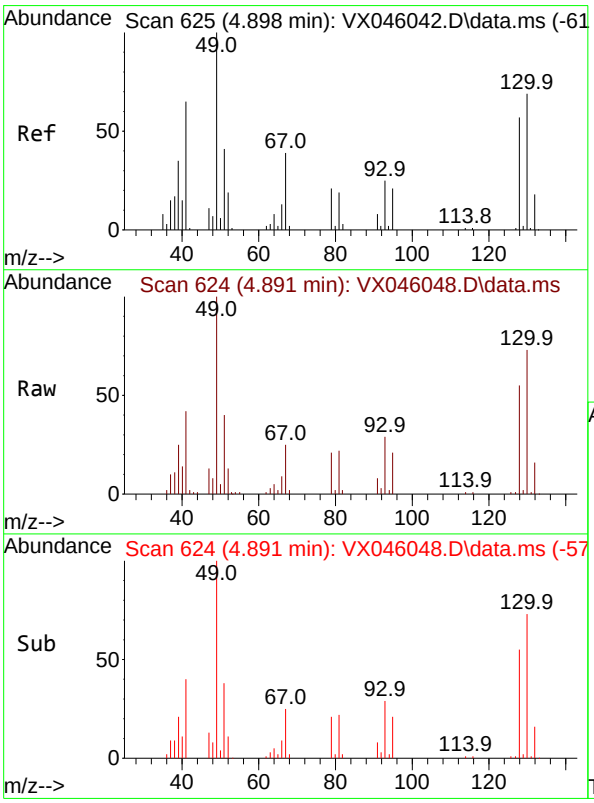
#27
cis-1,2-Dichloroethene
Concen: 50.956 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 96 Resp: 67727

Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	322.8
98	64.4	0.0	129.0

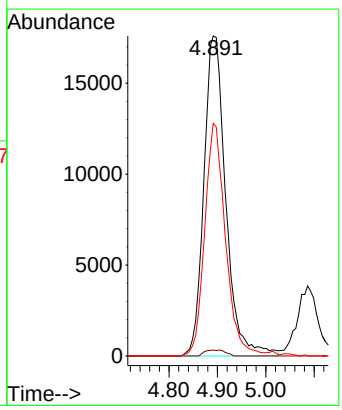


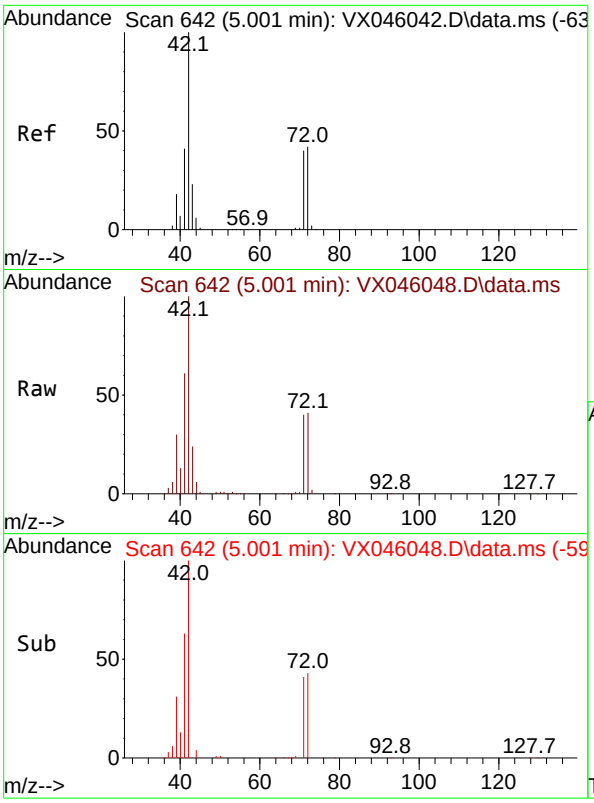


#28
Bromochloromethane
Concen: 50.975 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 49 Resp: 55390

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.7	56.2	84.2



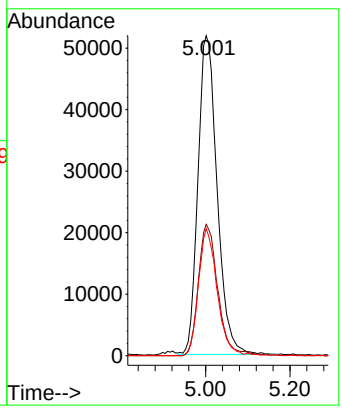


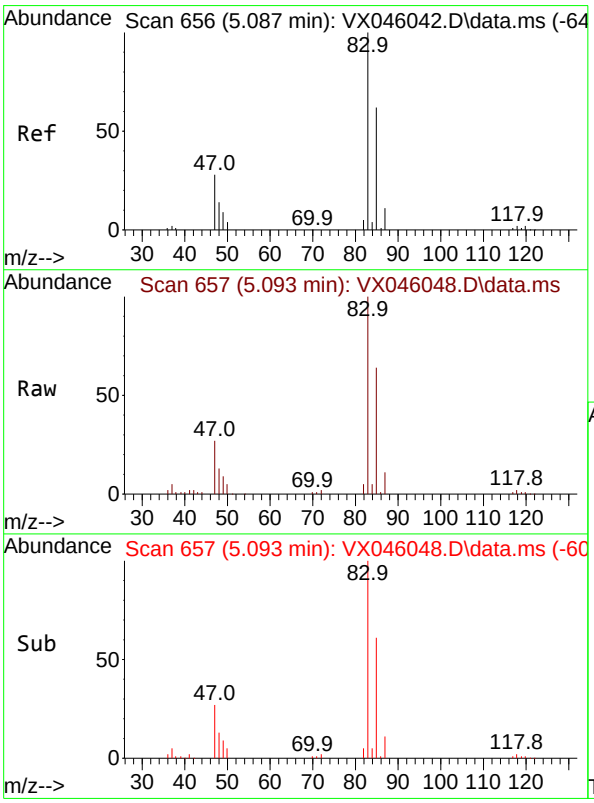
#29
Tetrahydrofuran
Concen: 259.958 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 42 Resp: 163675

Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.7	50.5
71	38.5	31.4	47.2

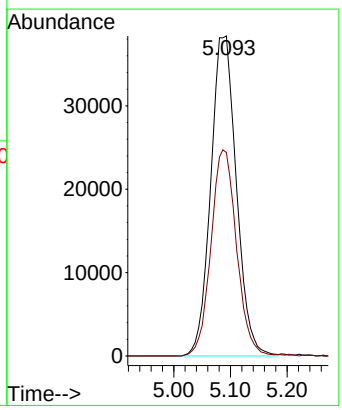


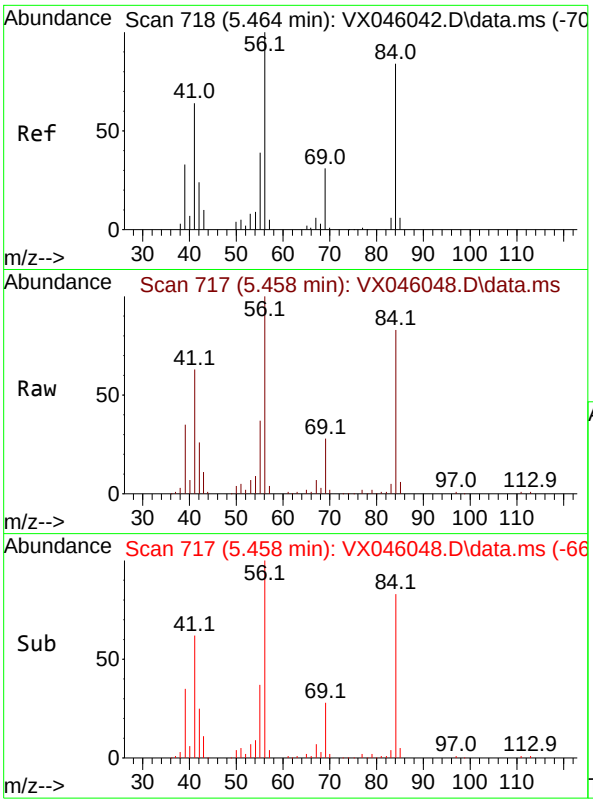


#30
Chloroform
Concen: 51.332 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 120782

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.3	73.9



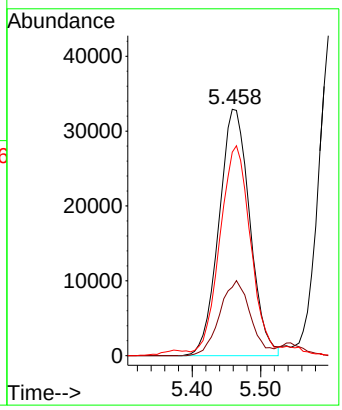


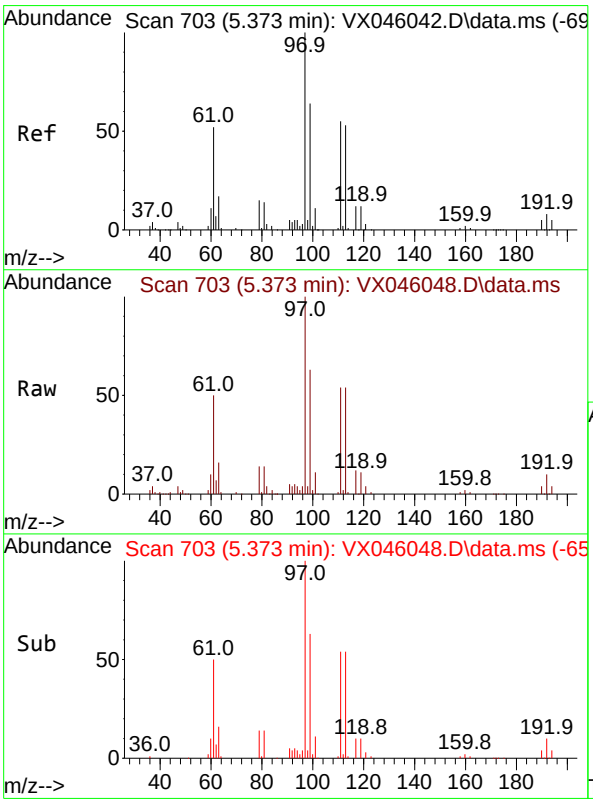
#31
Cyclohexane
Concen: 50.147 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 56 Resp: 103158

Ion	Ratio	Lower	Upper
56	100		
69	27.8	24.4	36.6
84	80.5	66.9	100.3

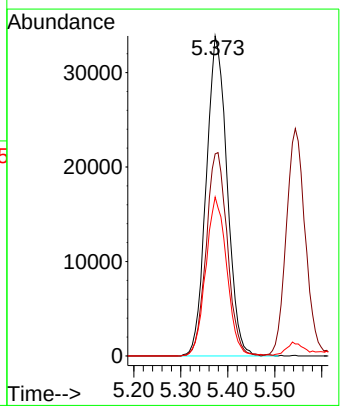


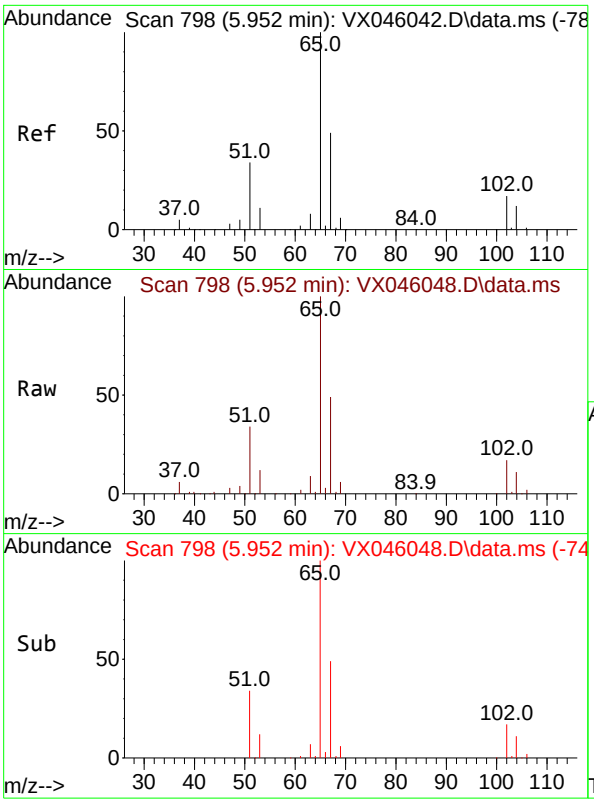


#32
1,1,1-Trichloroethane
Concen: 51.108 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 97 Resp: 104243

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	50.2	40.1	60.1



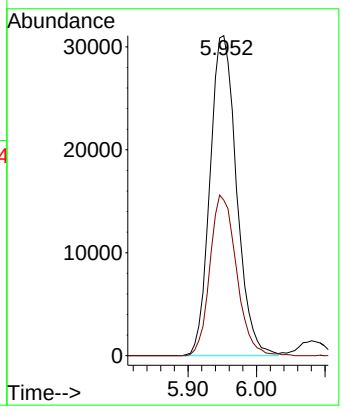


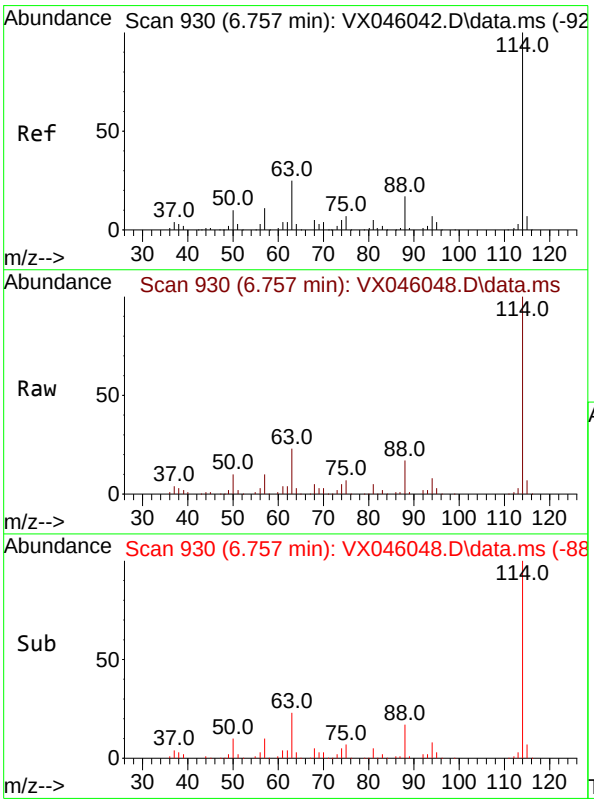
#33
1,2-Dichloroethane-d4
Concen: 48.509 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 65 Resp: 83733

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0

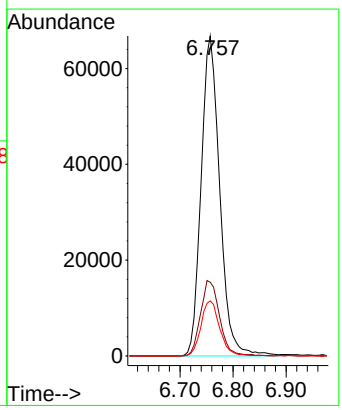


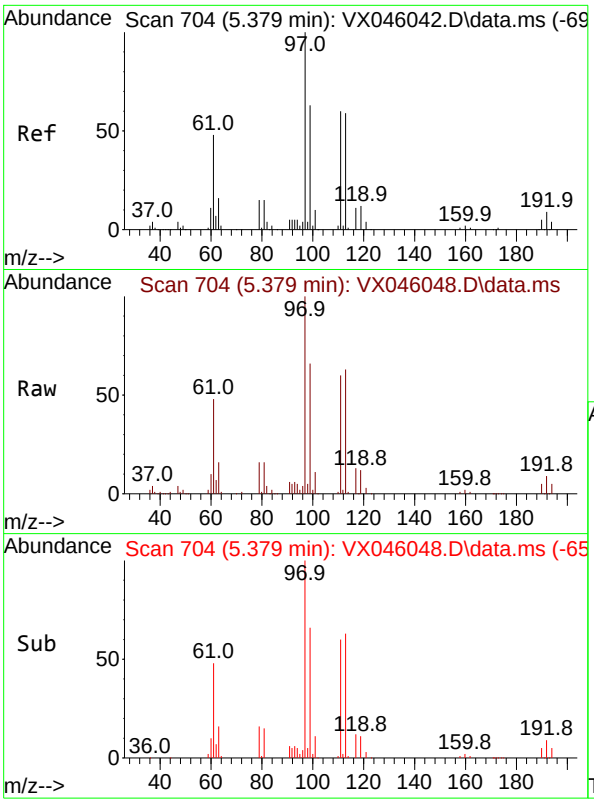


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:114 Resp: 162651

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	49.2
88	17.2	0.0	33.6



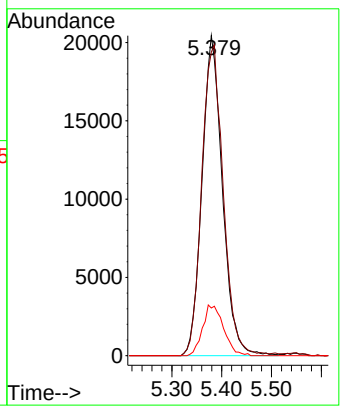


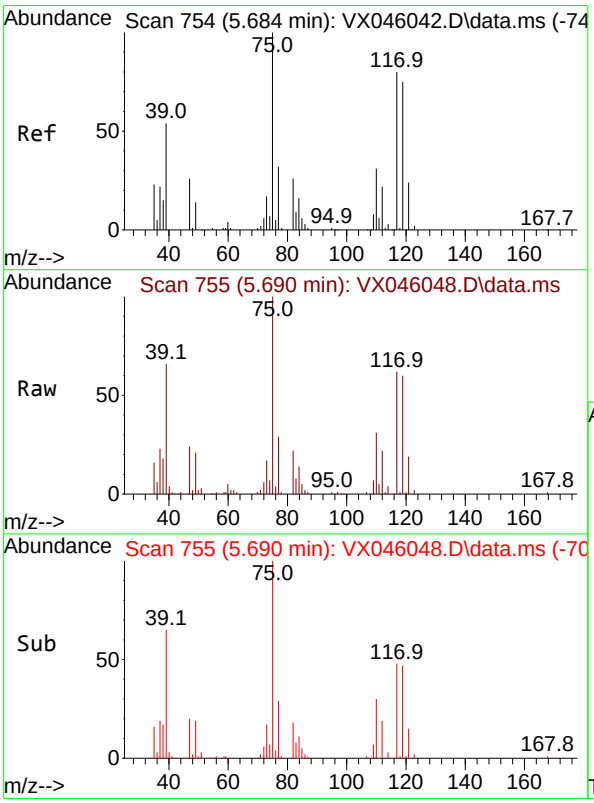
#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:113 Resp: 58192

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	16.2	13.3	19.9

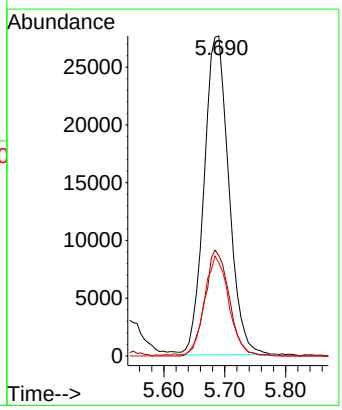


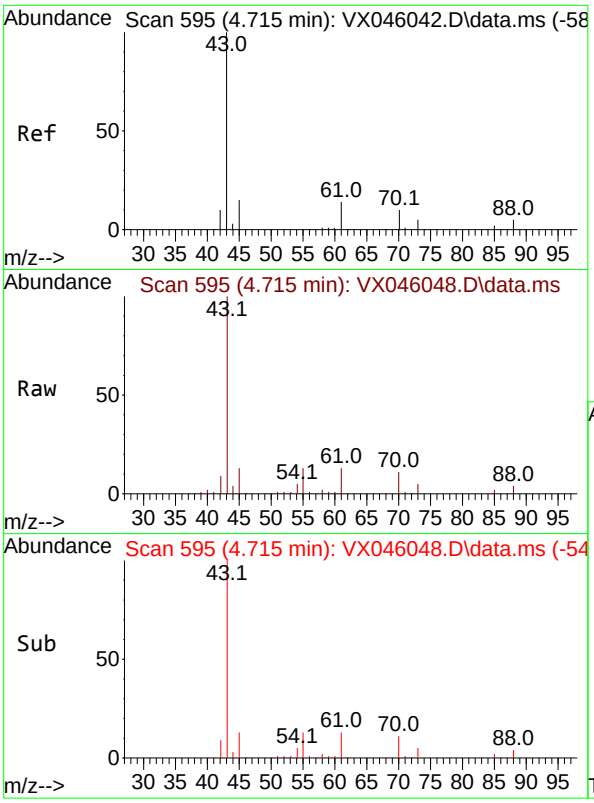


#36
1,1-Dichloropropene
Concen: 49.521 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 77931

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.3	48.9
77	31.1	24.3	36.5



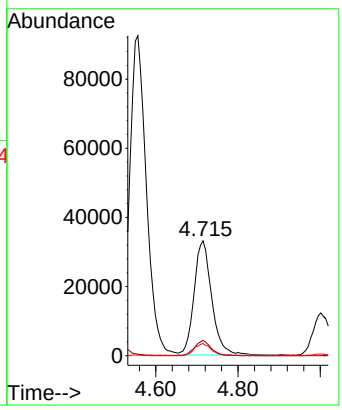


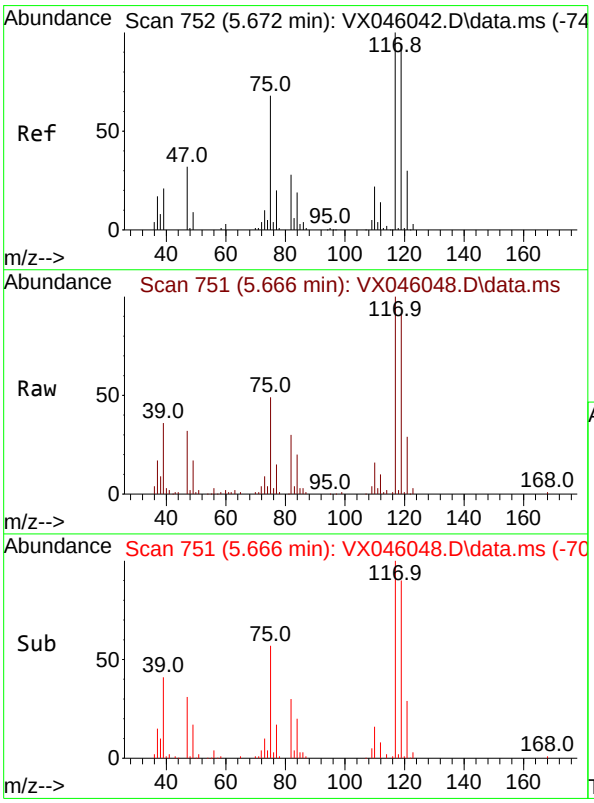
#37
Ethyl Acetate
Concen: 50.714 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 98604

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	10.0	7.9	11.9

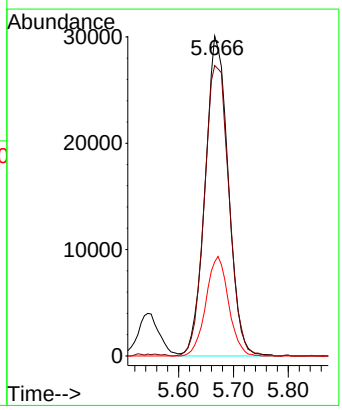


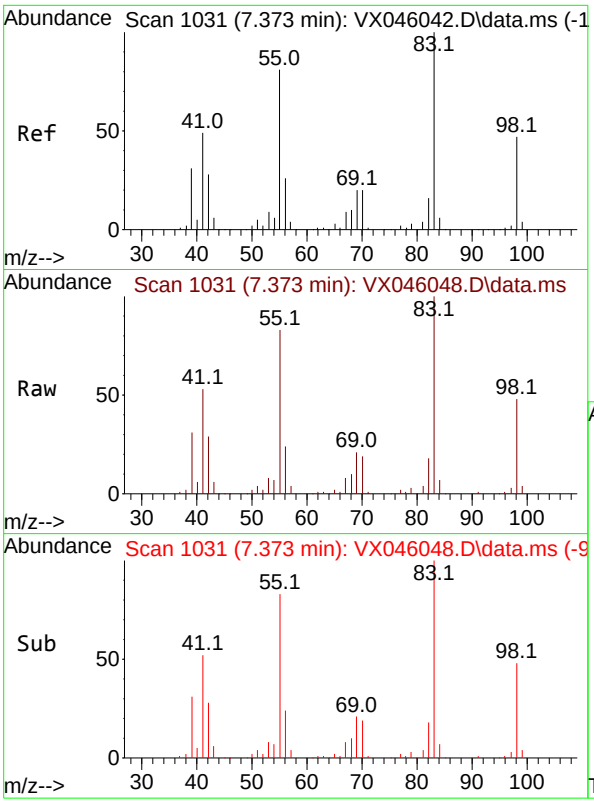


#38
Carbon Tetrachloride
Concen: 49.825 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 88100

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.2	112.8
121	29.4	24.2	36.4



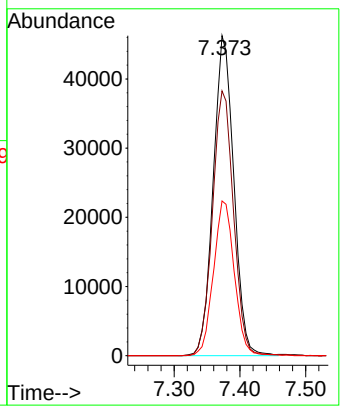


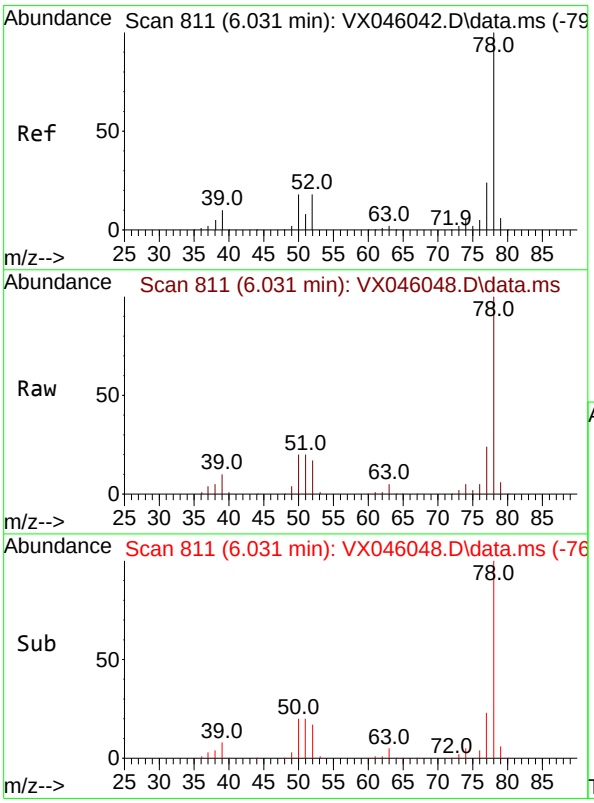
#39
Methylcyclohexane
Concen: 49.757 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 83 Resp: 100808

Ion	Ratio	Lower	Upper
83	100		
55	82.7	64.7	97.1
98	48.3	37.4	56.2

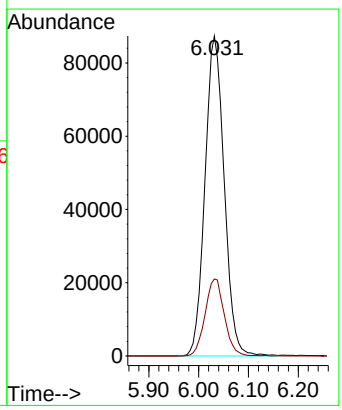


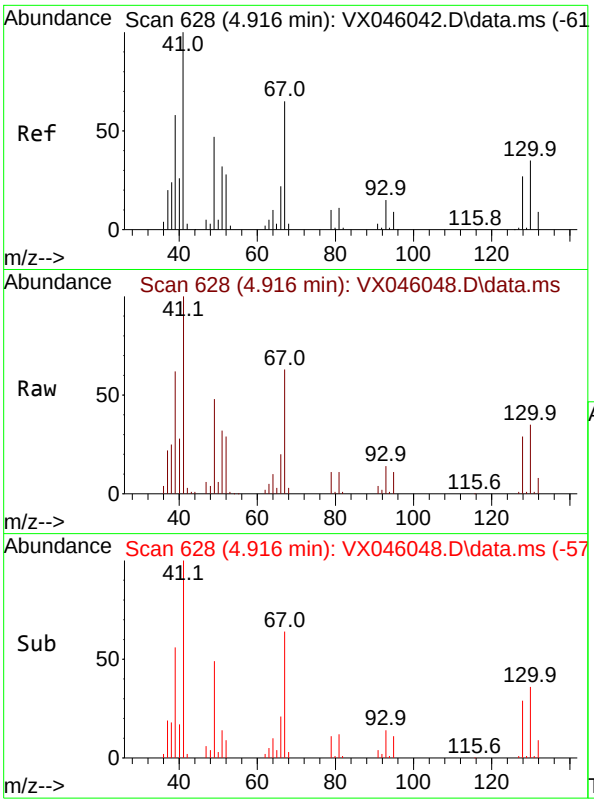


#40
Benzene
Concen: 50.759 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 78 Resp: 233977

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4



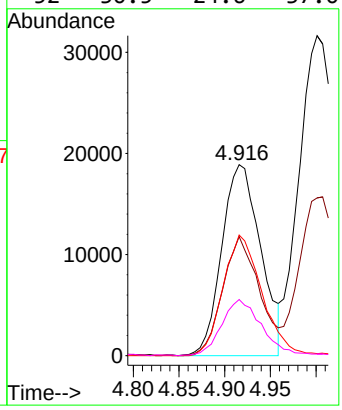


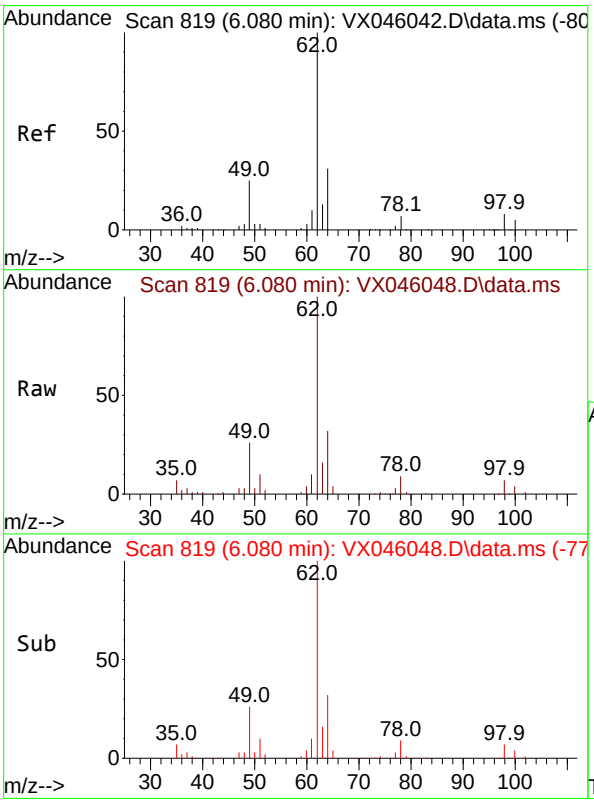
#41
Methacrylonitrile
Concen: 55.076 ug/l
RT: 4.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 41 Resp: 56017

Ion	Ratio	Lower	Upper
41	100		
39	58.7	47.2	70.8
67	63.7	50.7	76.1
52	30.5	24.6	37.0

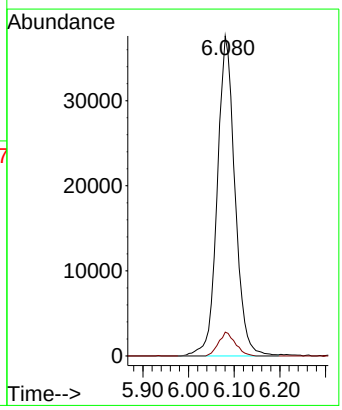


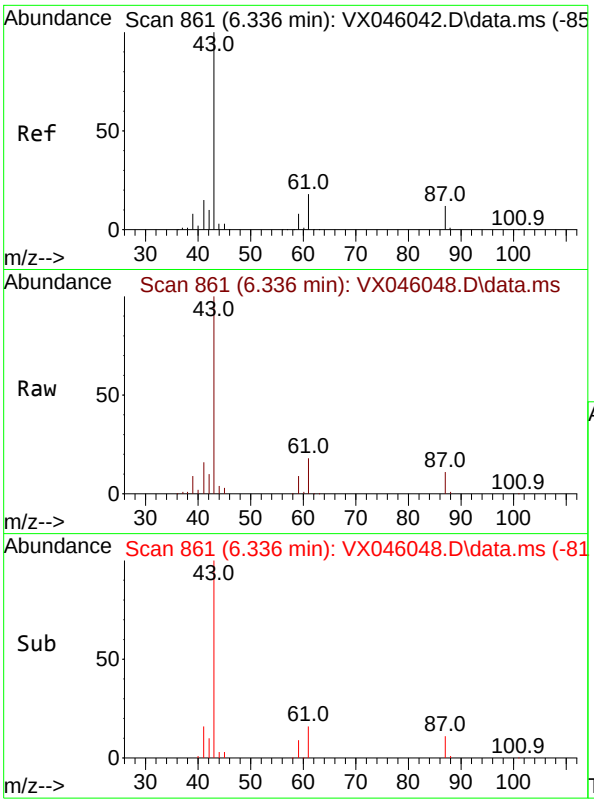


#42
1,2-Dichloroethane
Concen: 50.861 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 62 Resp: 101185

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.2



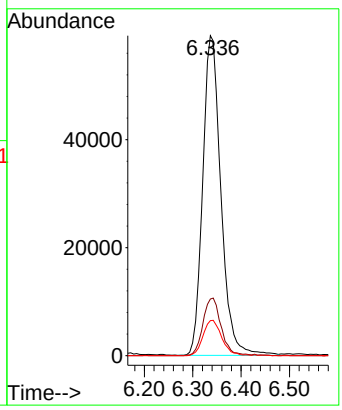


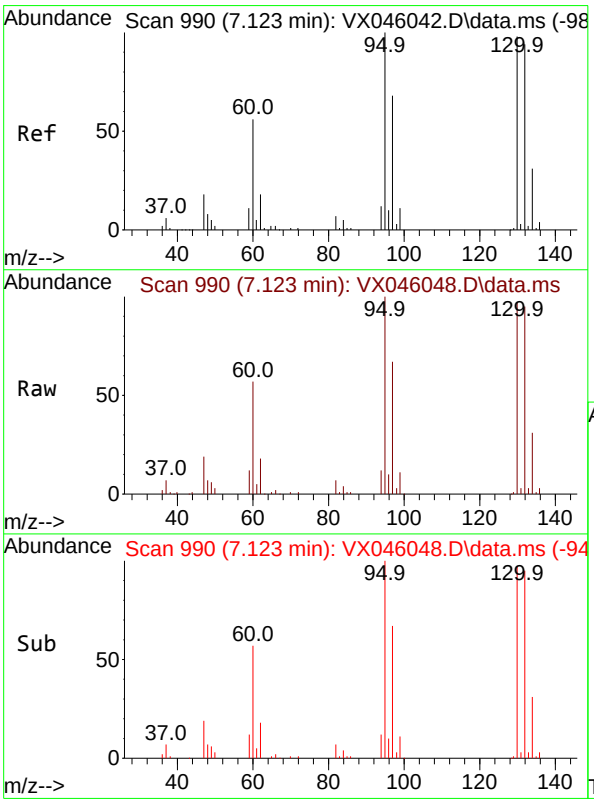
#43
Isopropyl Acetate
Concen: 52.195 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 154818

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.4	9.5	14.3

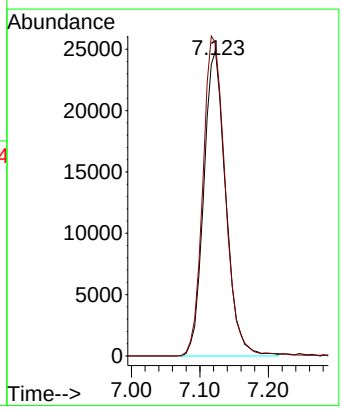


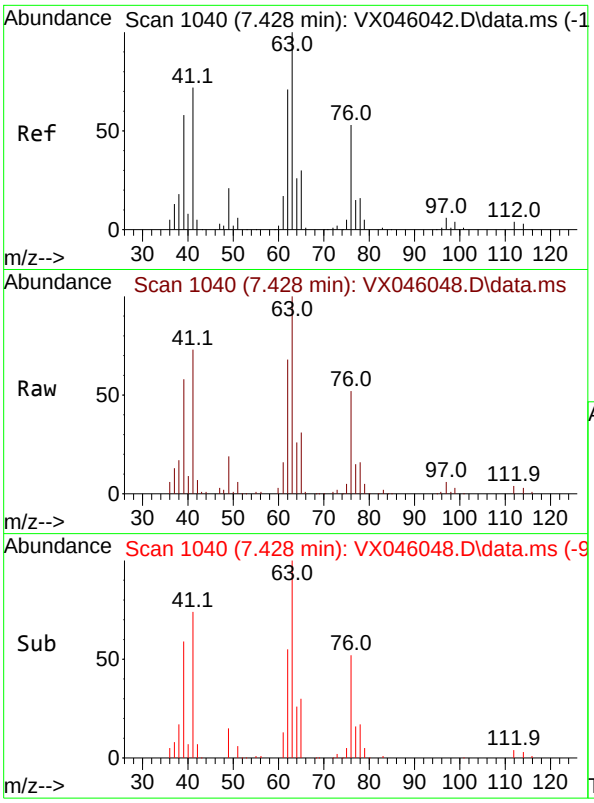


#44
Trichloroethene
Concen: 50.018 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:130 Resp: 55491

Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	204.2



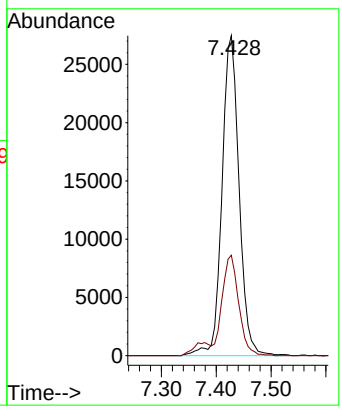


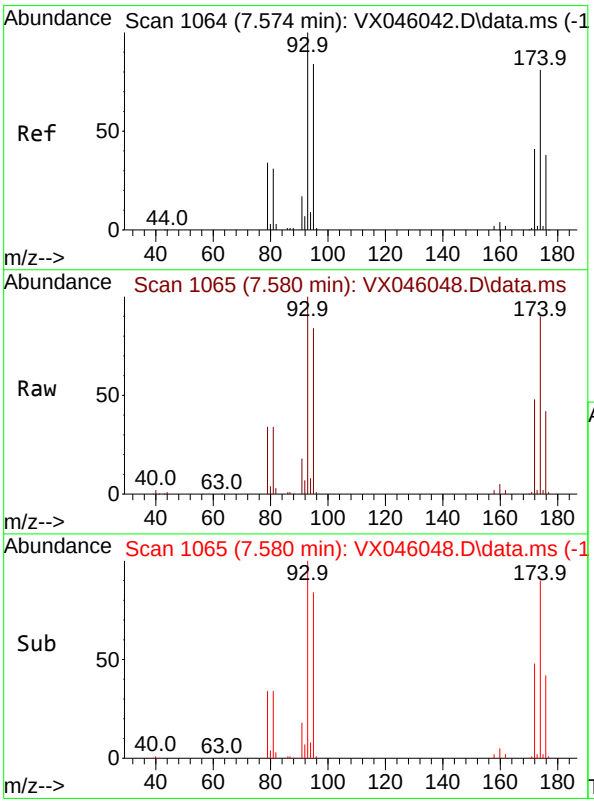
#45
1,2-Dichloropropane
Concen: 51.983 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 63 Resp: 59582

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.1	36.1

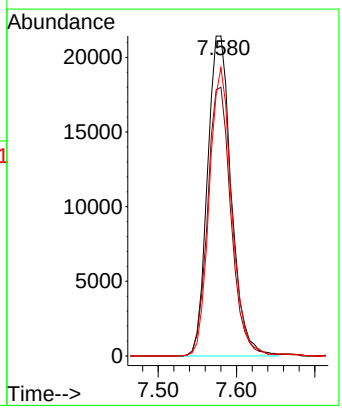


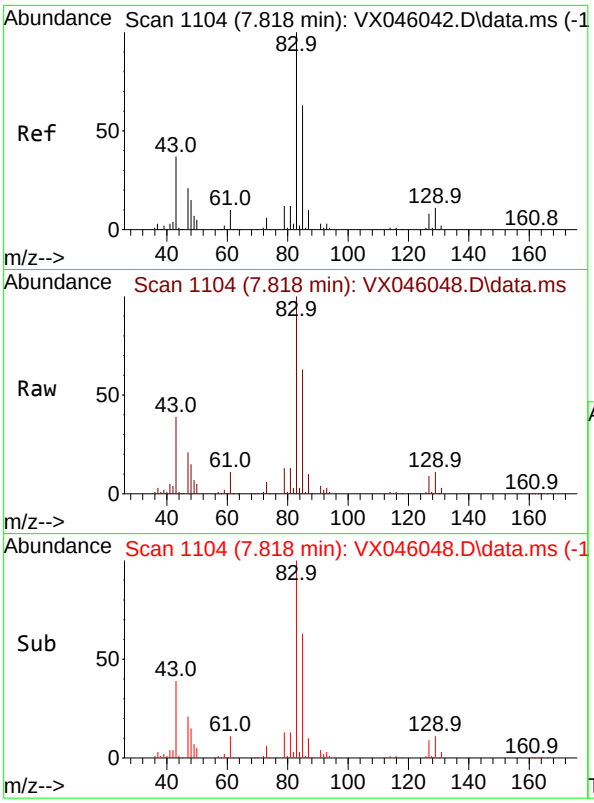


#46
Dibromomethane
Concen: 49.978 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 93 Resp: 45181

Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.6	98.4
174	84.8	68.2	102.2



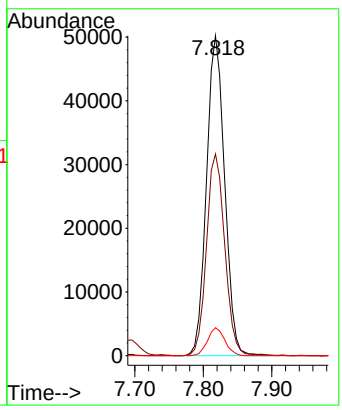


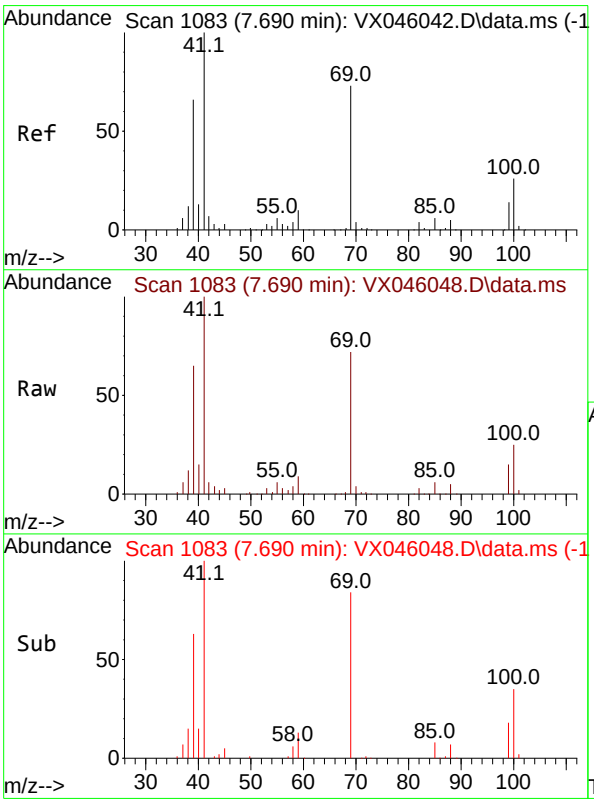
#47
Bromodichloromethane
Concen: 51.889 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 83 Resp: 92388

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.5	75.7
127	8.8	6.5	9.7

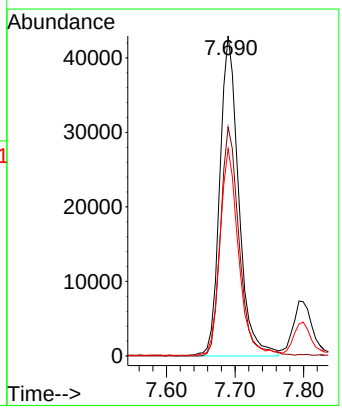


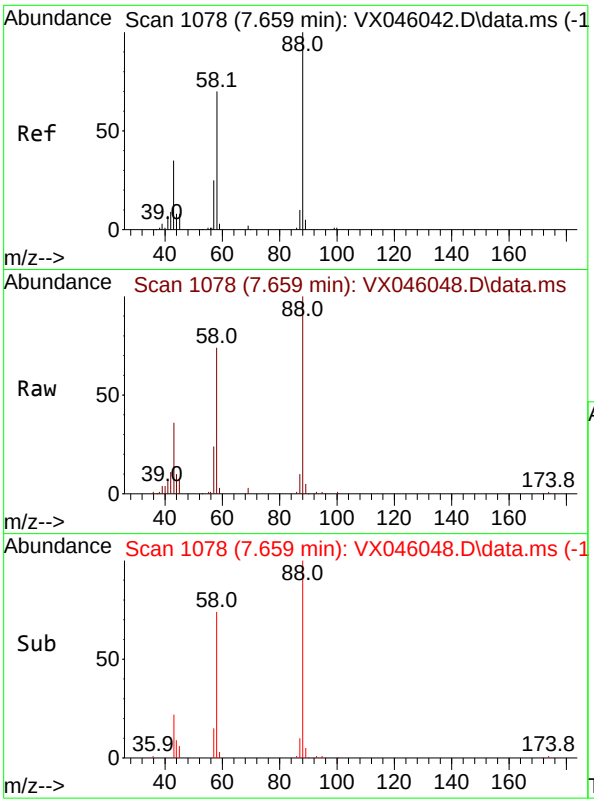


#48
Methyl methacrylate
Concen: 54.226 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 41 Resp: 82144

Ion	Ratio	Lower	Upper
41	100		
69	70.4	58.5	87.7
39	64.2	51.7	77.5



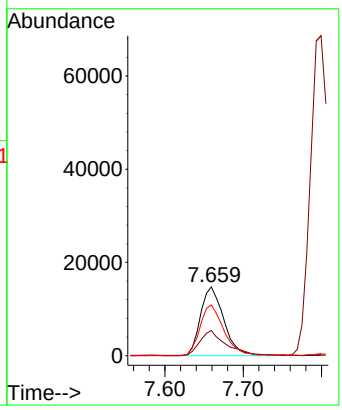


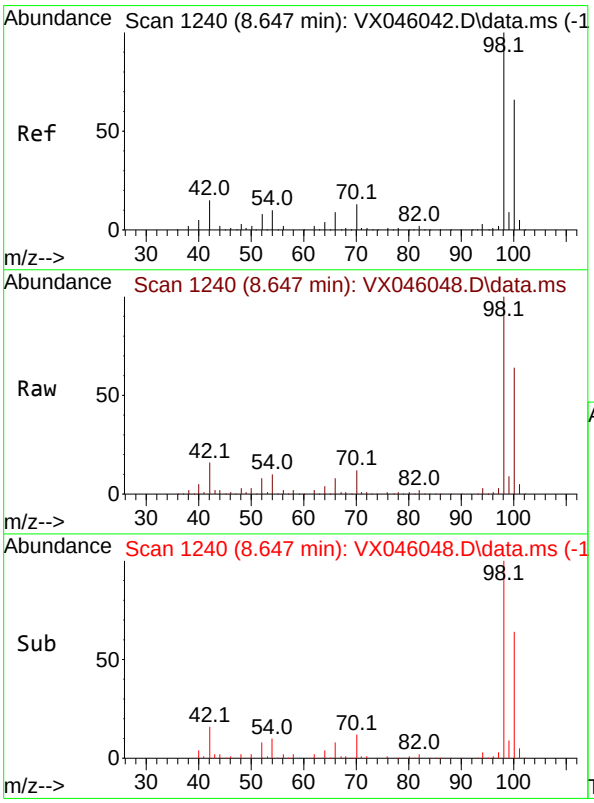
#49
1,4-Dioxane
Concen: 1059.599 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 88 Resp: 30477

Ion	Ratio	Lower	Upper
88	100		
43	39.9	33.4	50.2
58	76.2	58.6	88.0

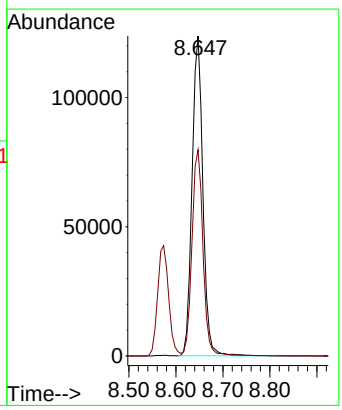


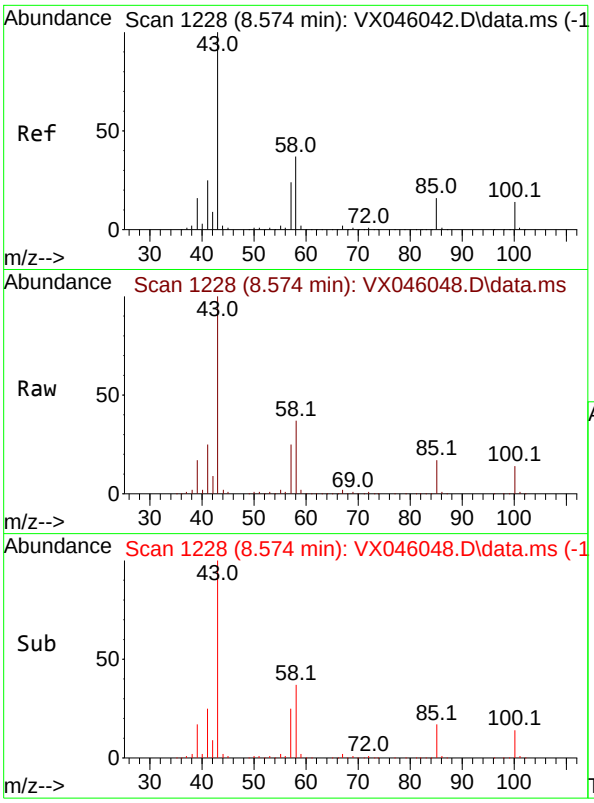


#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 98 Resp: 198575

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3



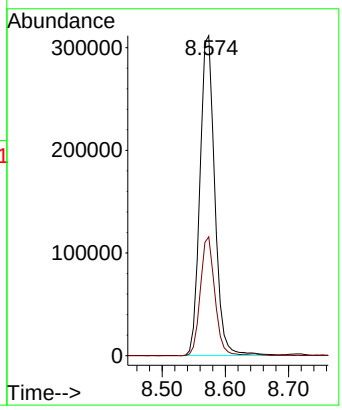


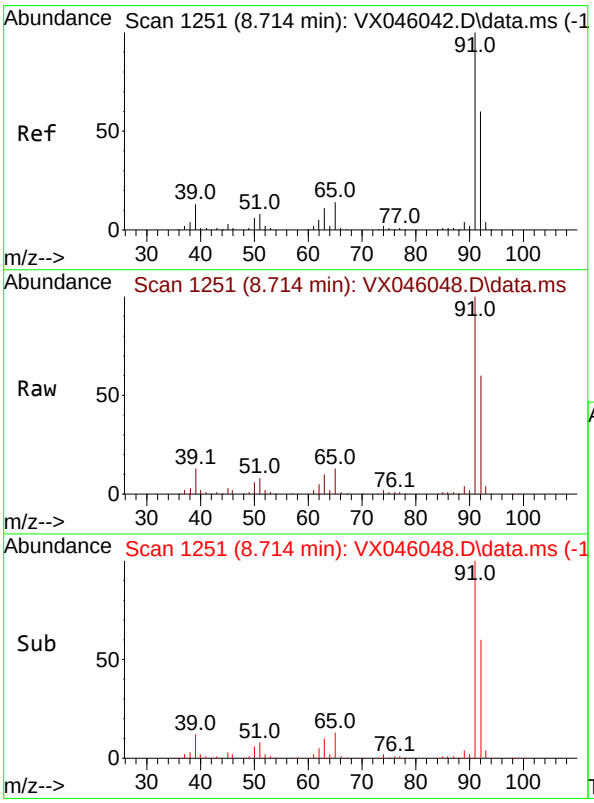
#51
4-Methyl-2-Pentanone
Concen: 259.133 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 510206

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3

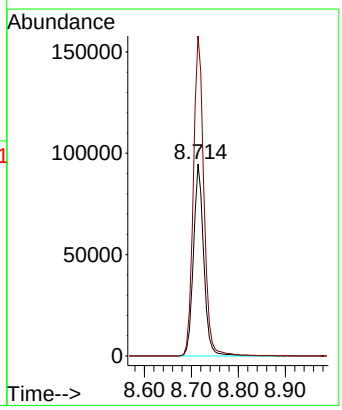


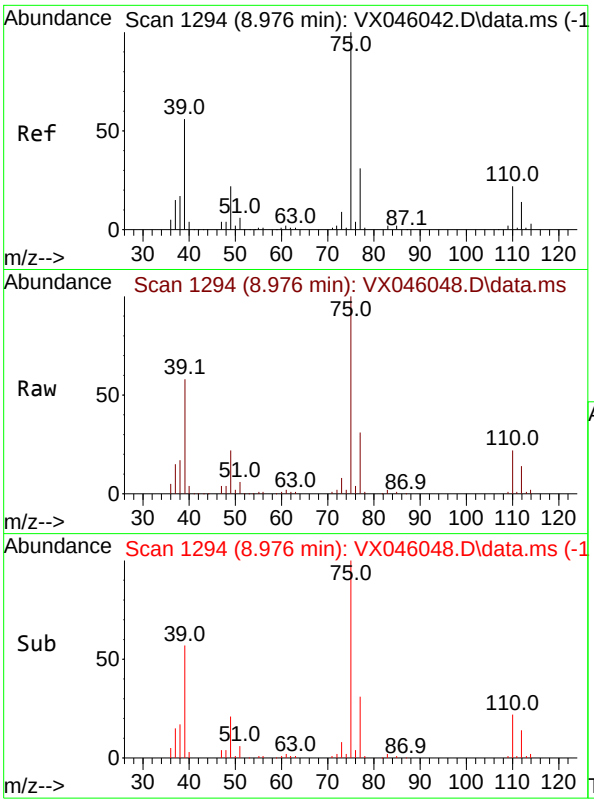


#52
Toluene
Concen: 51.150 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 92 Resp: 144574

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.6	205.0



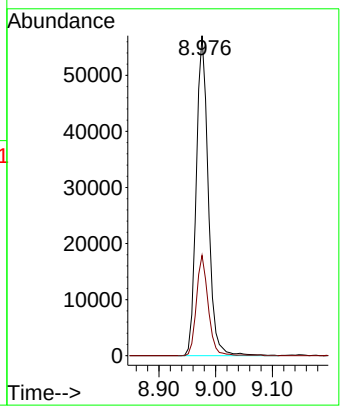


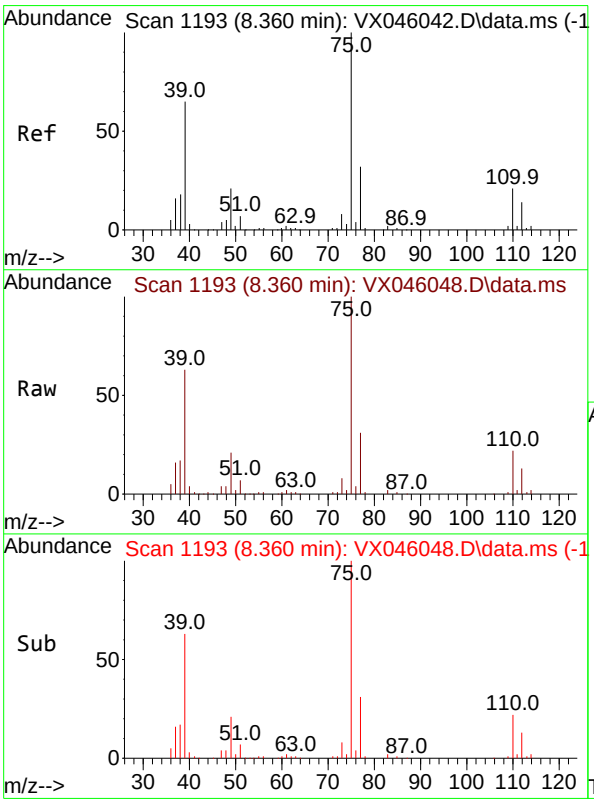
#53
t-1,3-Dichloropropene
Concen: 52.920 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 75 Resp: 83751

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

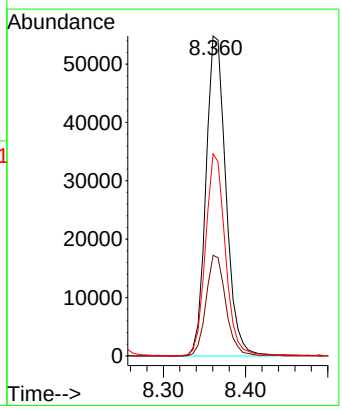


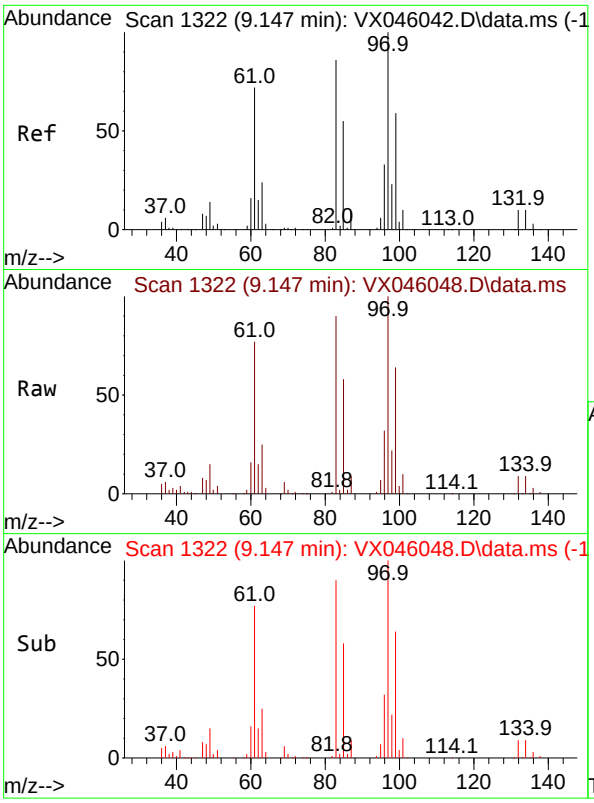


#54
cis-1,3-Dichloropropene
Concen: 52.892 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 92517

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	63.2	52.2	78.4



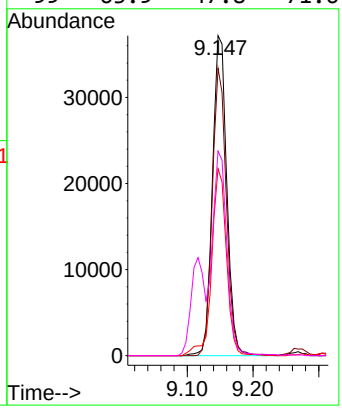


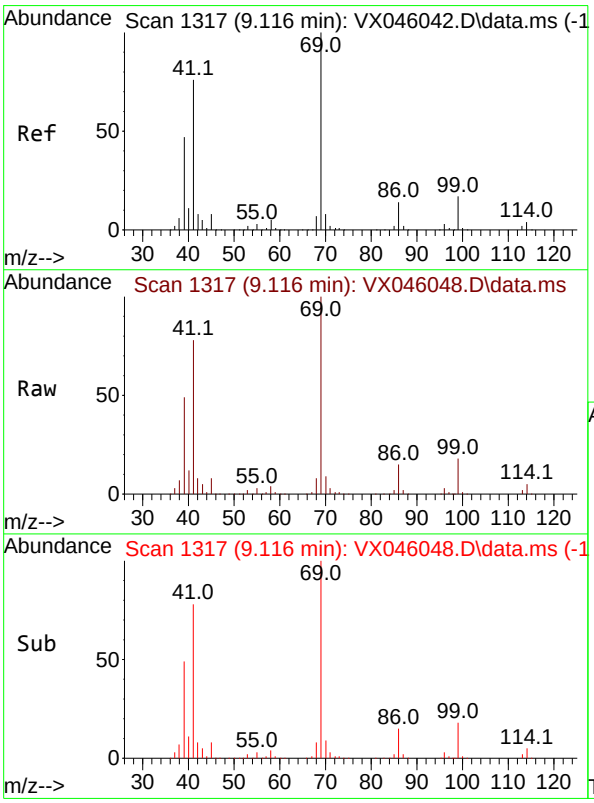
#55
1,1,2-Trichloroethane
Concen: 50.887 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 97 Resp: 56713

Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.6
85	58.4	44.3	66.5
99	63.9	47.8	71.6

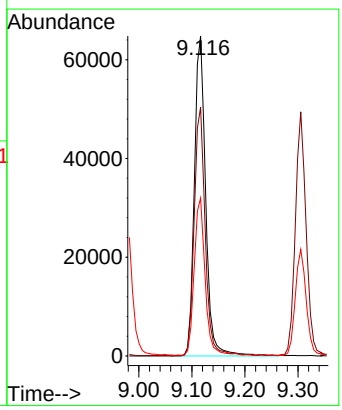


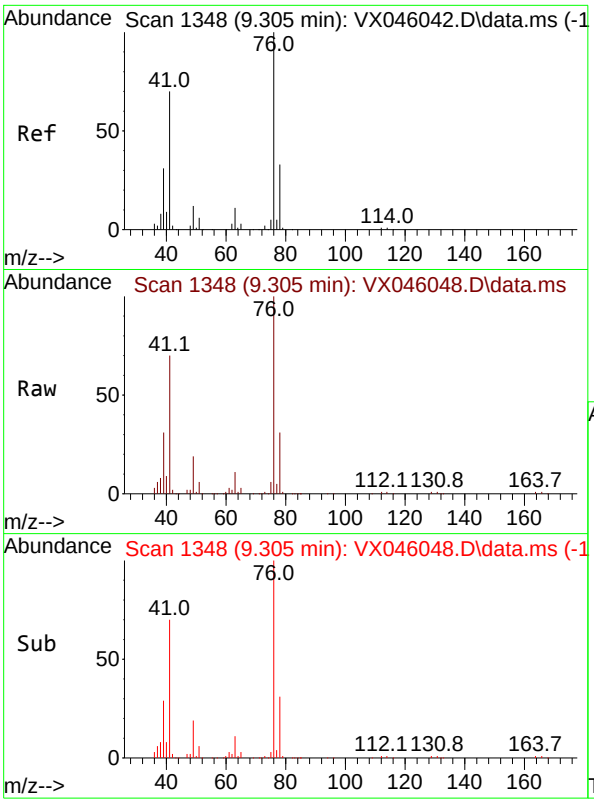


#56
Ethyl methacrylate
Concen: 53.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 69 Resp: 95772

Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.8	91.2
39	47.4	39.0	58.6



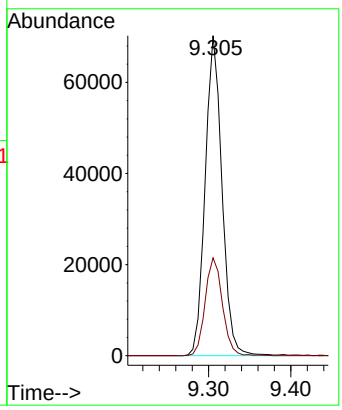


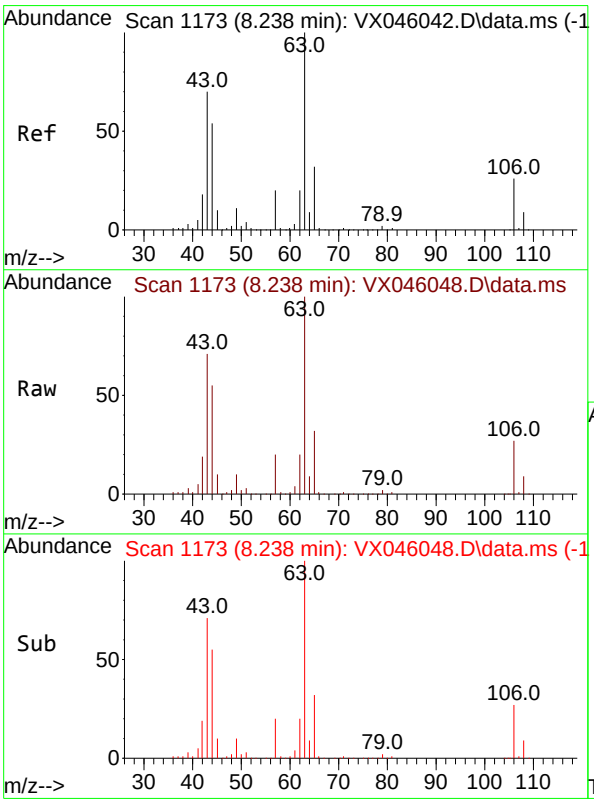
#57
1,3-Dichloropropane
Concen: 49.793 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 76 Resp: 99663

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.3	39.5

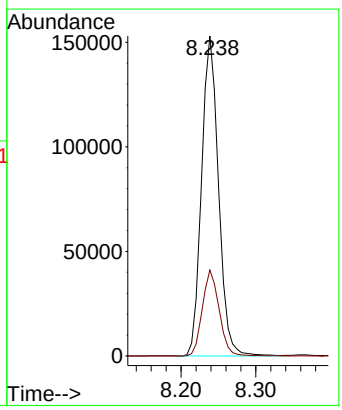


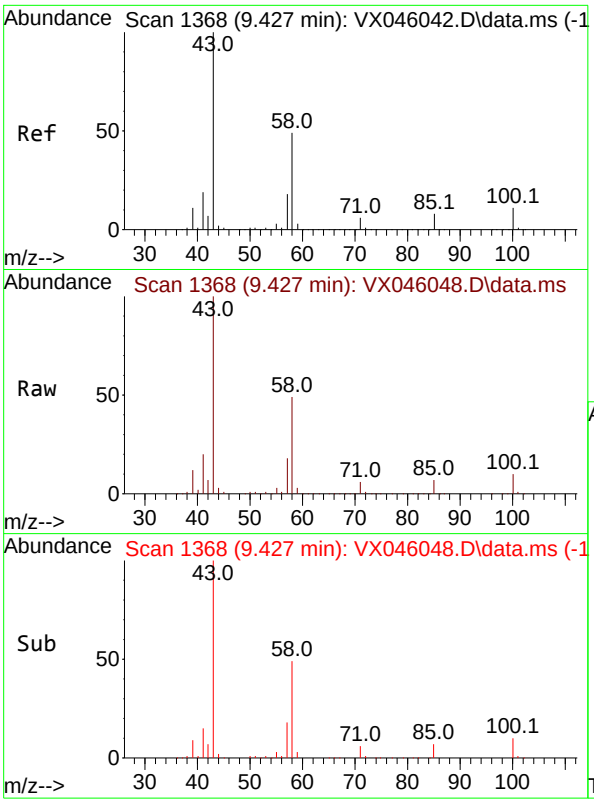


#58
2-Chloroethyl Vinyl ether
Concen: 265.780 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 63 Resp: 240681

Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.5	32.3



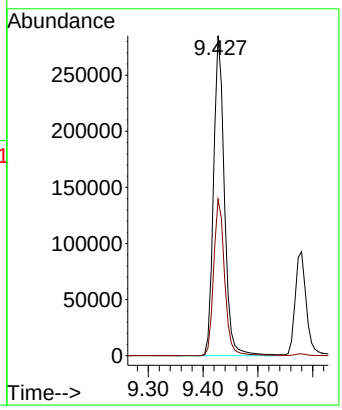


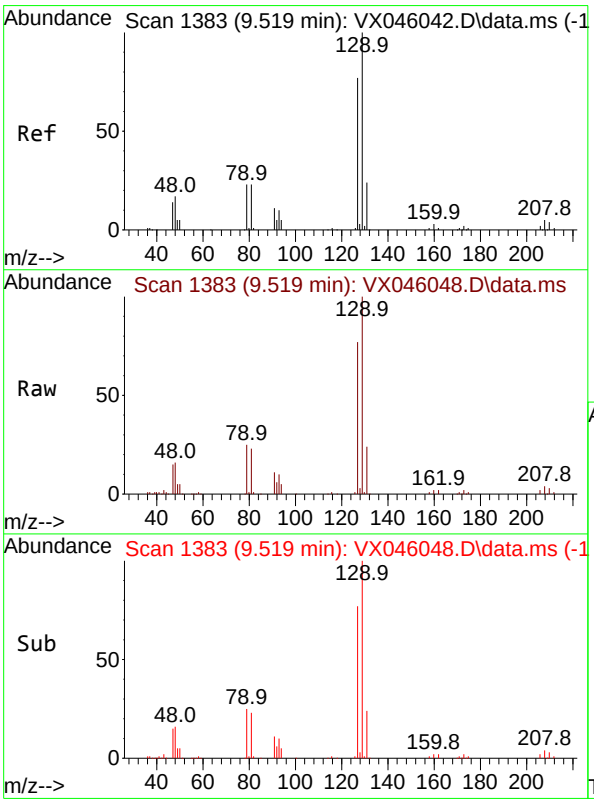
#59
2-Hexanone
Concen: 268.218 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 390701

Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.9	74.6

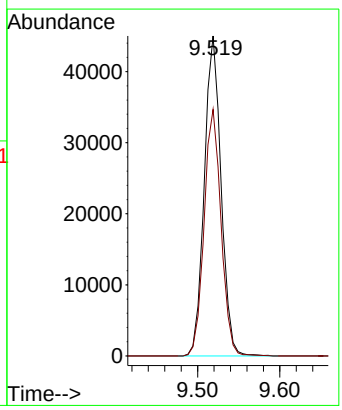


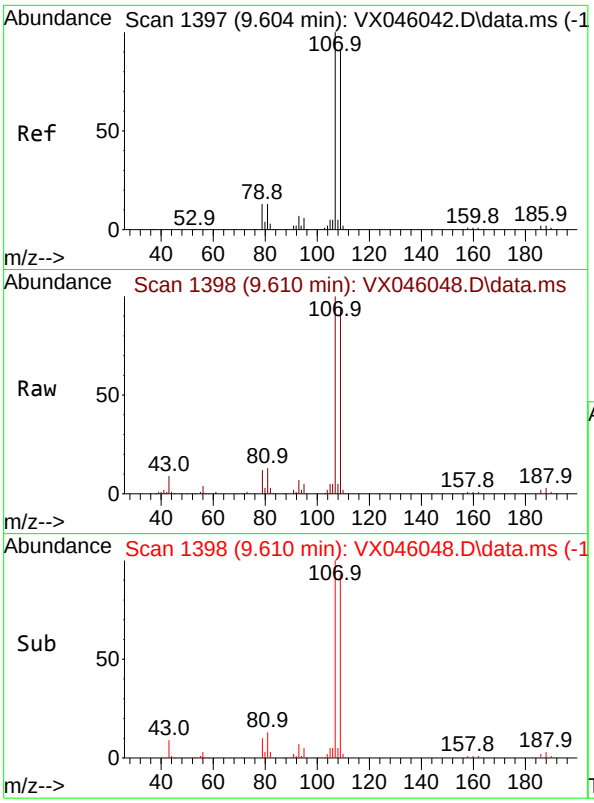


#60
Dibromochloromethane
Concen: 52.075 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:129 Resp: 63738

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.3	117.8



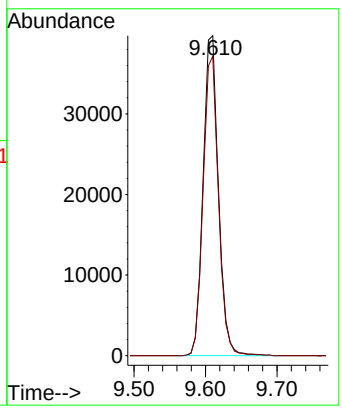


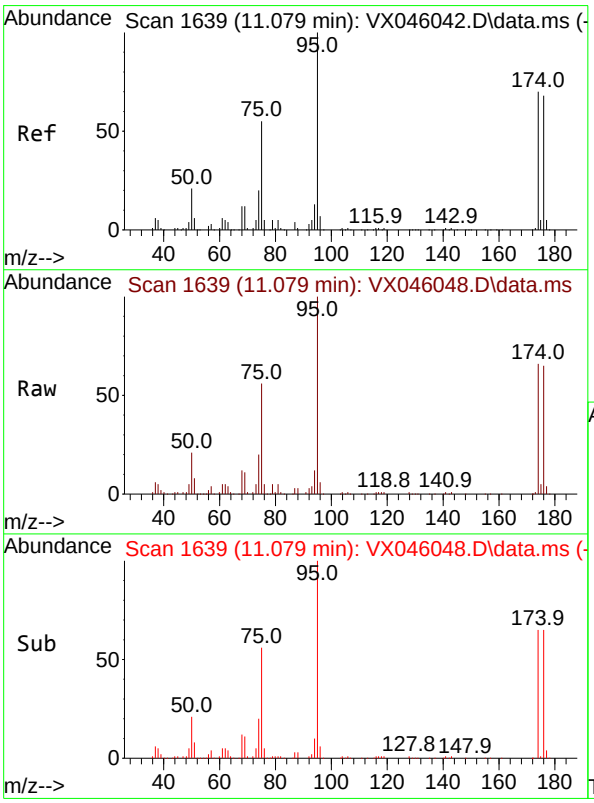
#61
1,2-Dibromoethane
Concen: 51.050 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:107 Resp: 59134

Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.3	109.9

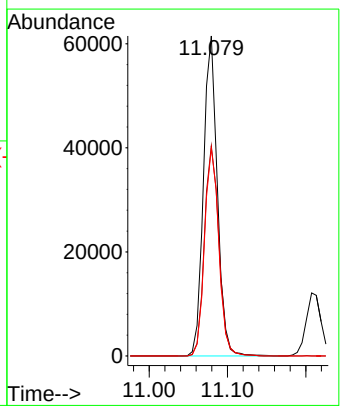


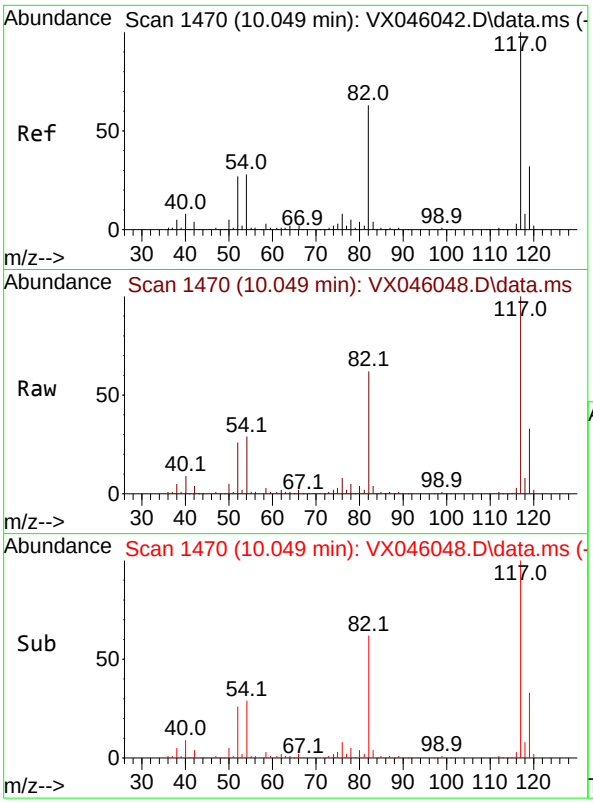


#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 95 Resp: 75568

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	135.8
176	66.5	0.0	131.4



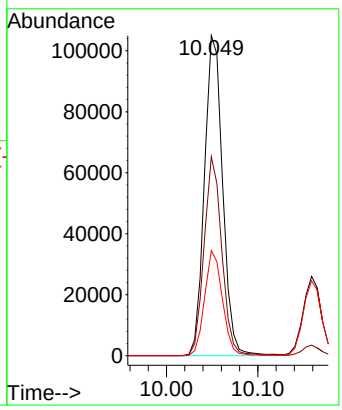


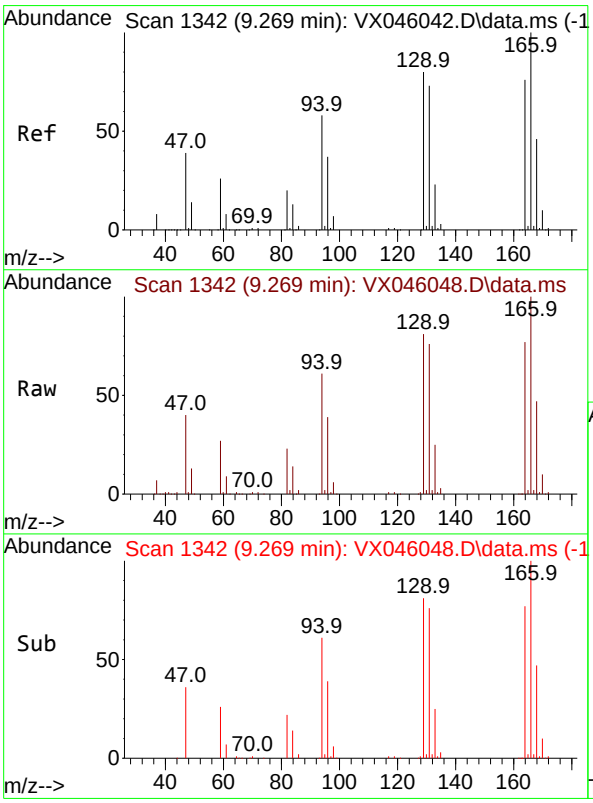
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:117 Resp: 145078

Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.6	76.0
119	32.9	25.8	38.6

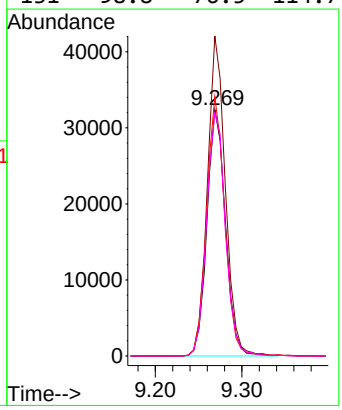


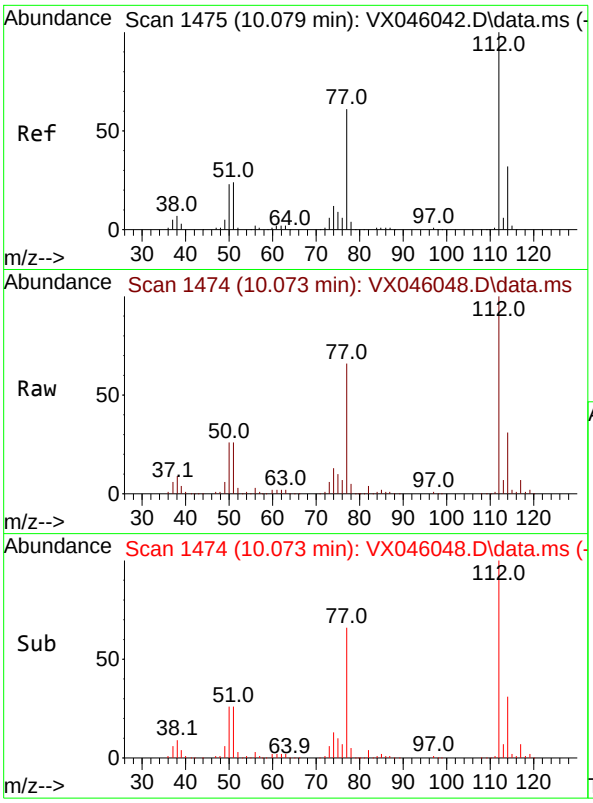


#64
Tetrachloroethene
Concen: 46.795 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:164 Resp: 48034

Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.0	157.6
129	105.3	83.5	125.3
131	98.8	76.5	114.7



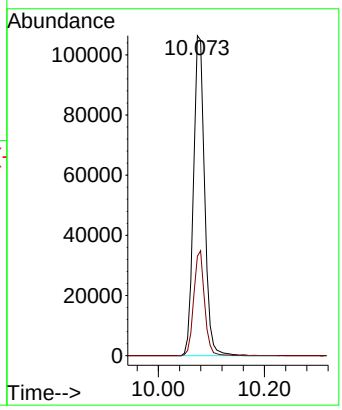


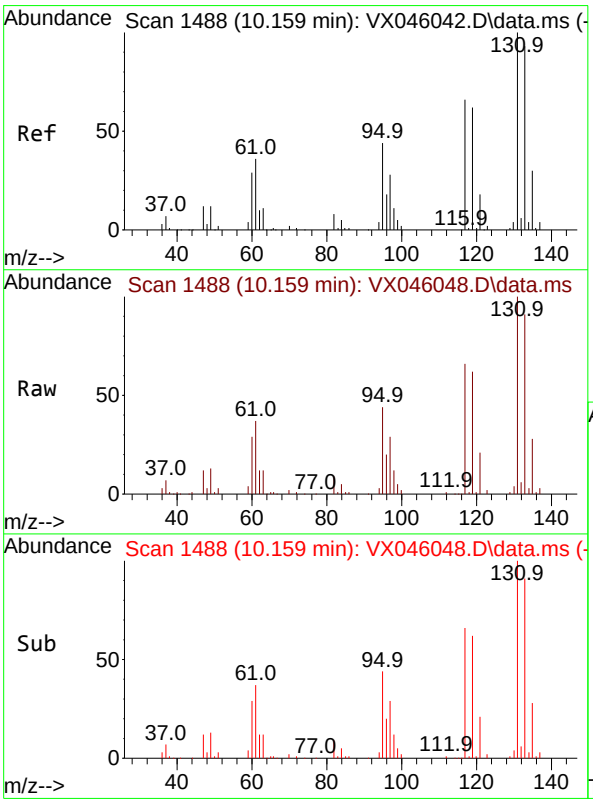
#65
Chlorobenzene
Concen: 48.699 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:112 Resp: 154640

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.2

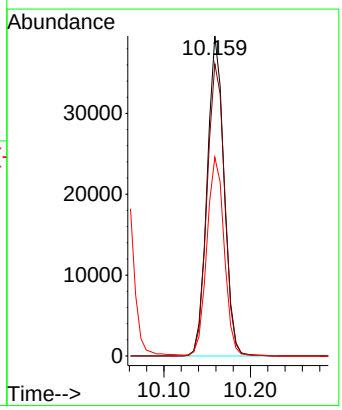


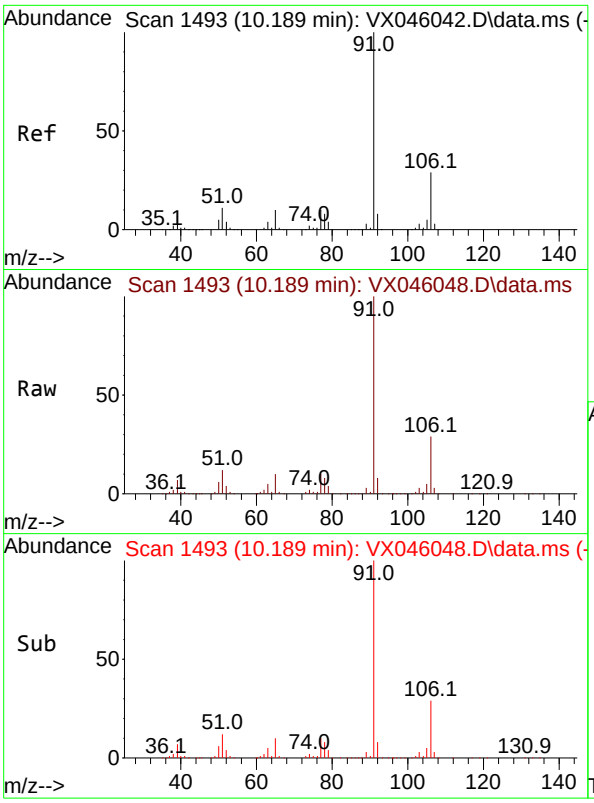


#66
1,1,1,2-Tetrachloroethane
Concen: 49.557 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:131 Resp: 53735

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	63.7	31.6	95.0



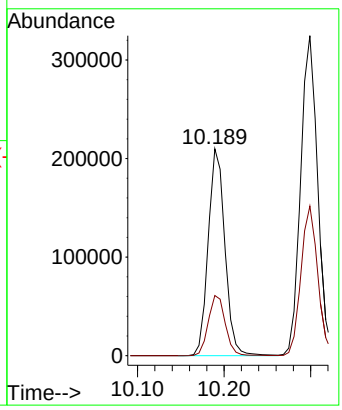


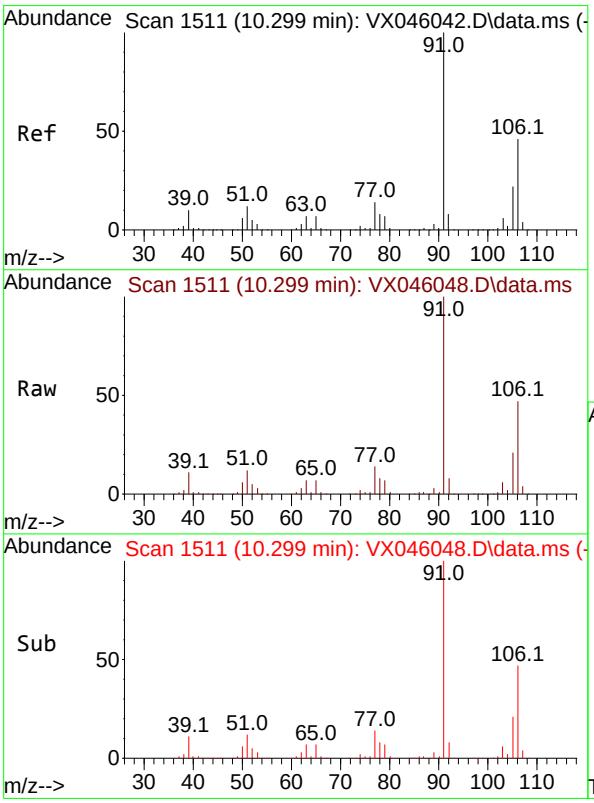
#67
Ethyl Benzene
Concen: 50.245 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 91 Resp: 281239

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.2

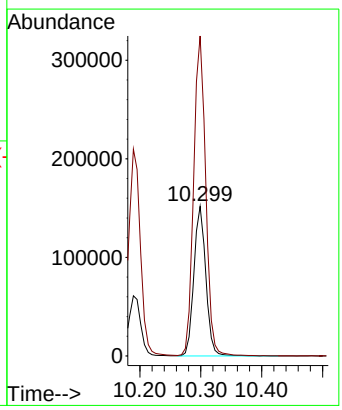


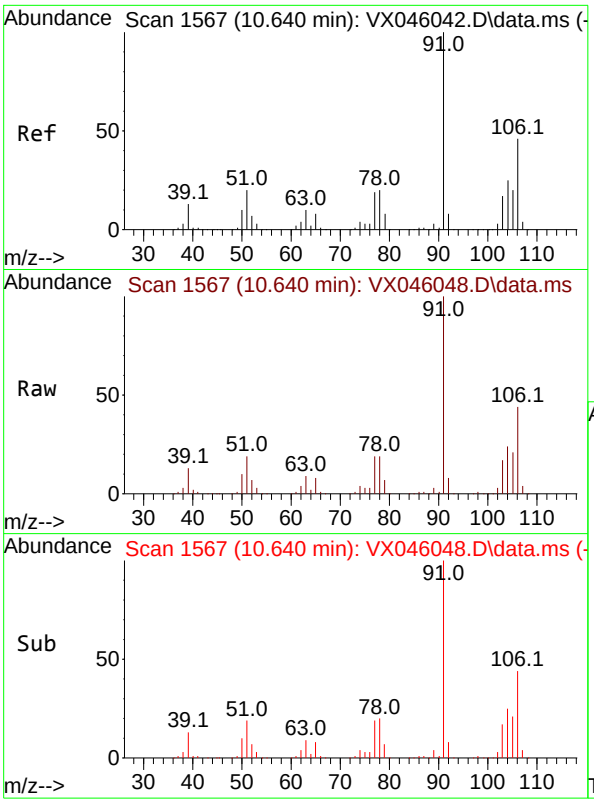


#68
m/p-Xylenes
Concen: 101.022 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:106 Resp: 206813

Ion	Ratio	Lower	Upper
106	100		
91	215.6	171.2	256.8



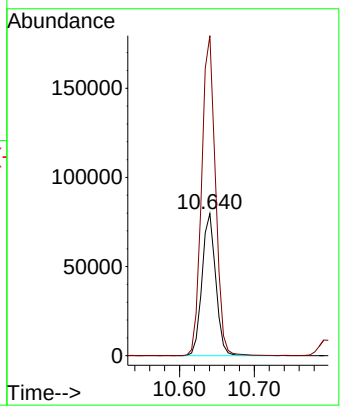


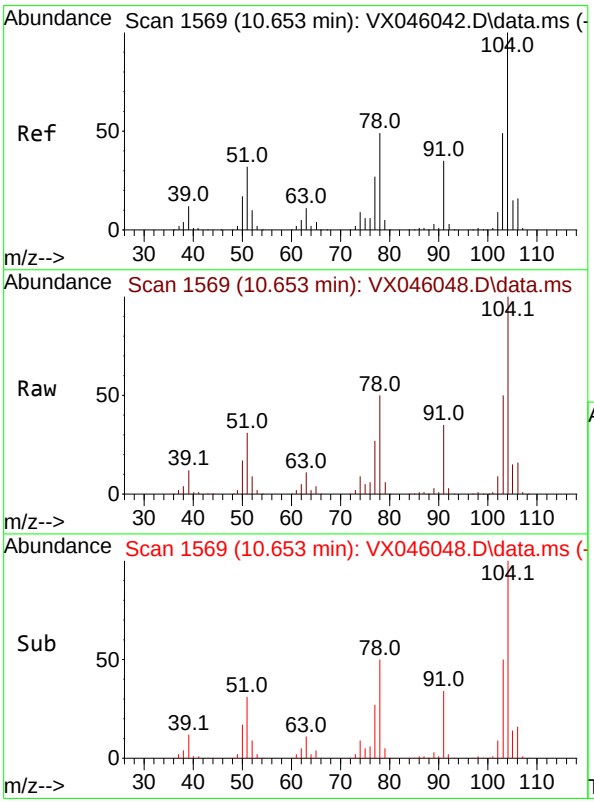
#69
o-Xylene
Concen: 50.841 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:106 Resp: 101469

Ion	Ratio	Lower	Upper
106	100		
91	227.7	112.7	338.1

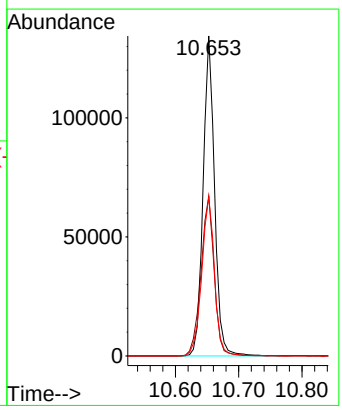


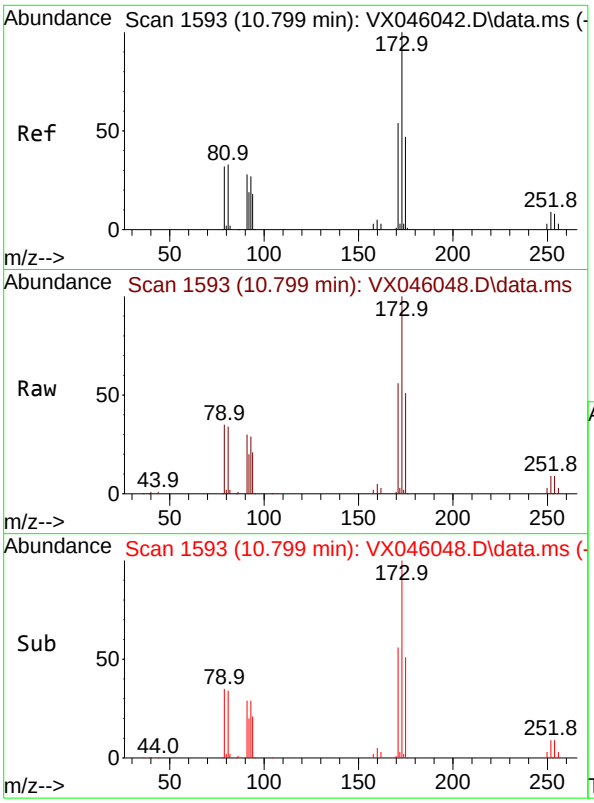


#70
Styrene
Concen: 51.907 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:104 Resp: 169703

Ion	Ratio	Lower	Upper
104	100		
78	57.6	45.7	68.5
103	55.5	43.7	65.5



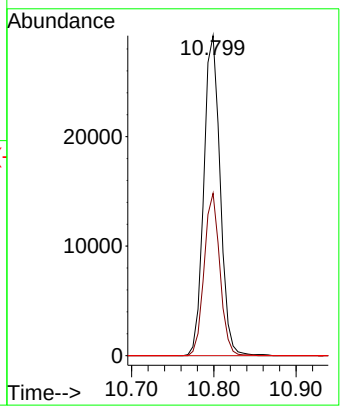


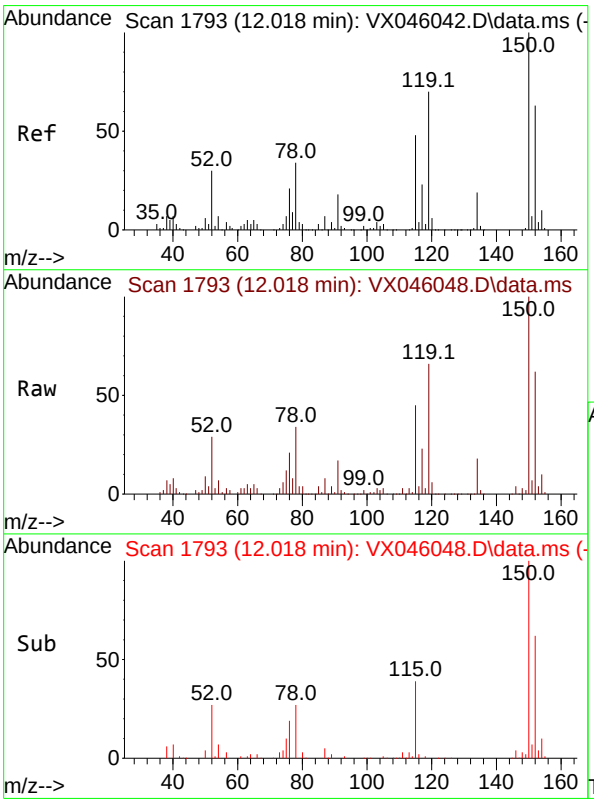
#71
Bromoform
Concen: 49.583 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:173 Resp: 40364

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0

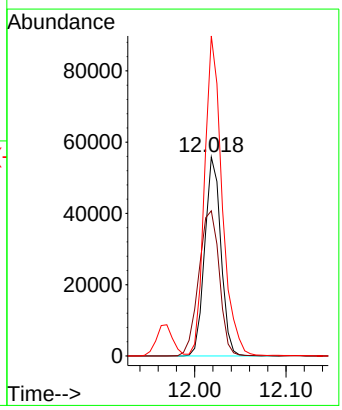


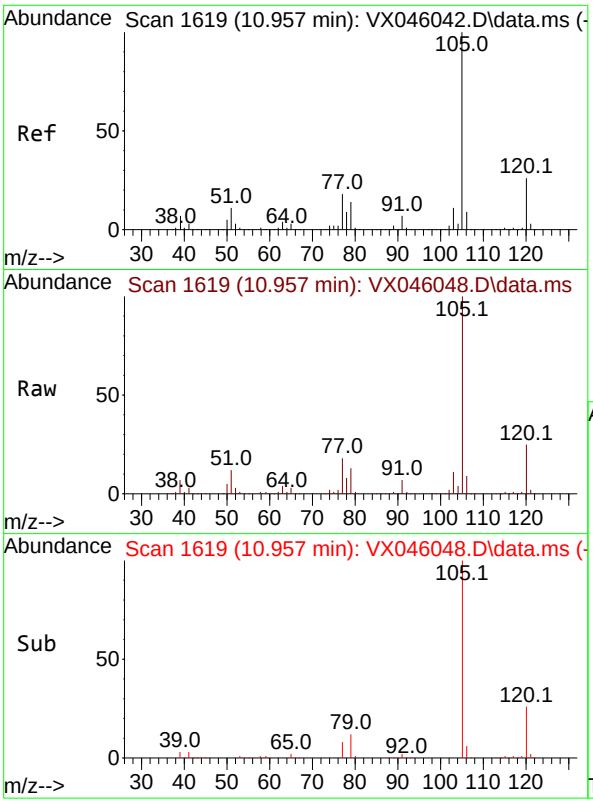


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:152 Resp: 68229

Ion	Ratio	Lower	Upper
152	100		
115	93.3	46.9	140.7
150	175.3	0.0	351.0



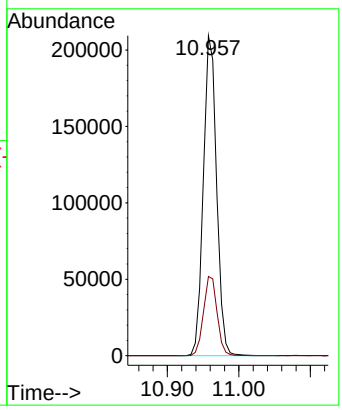


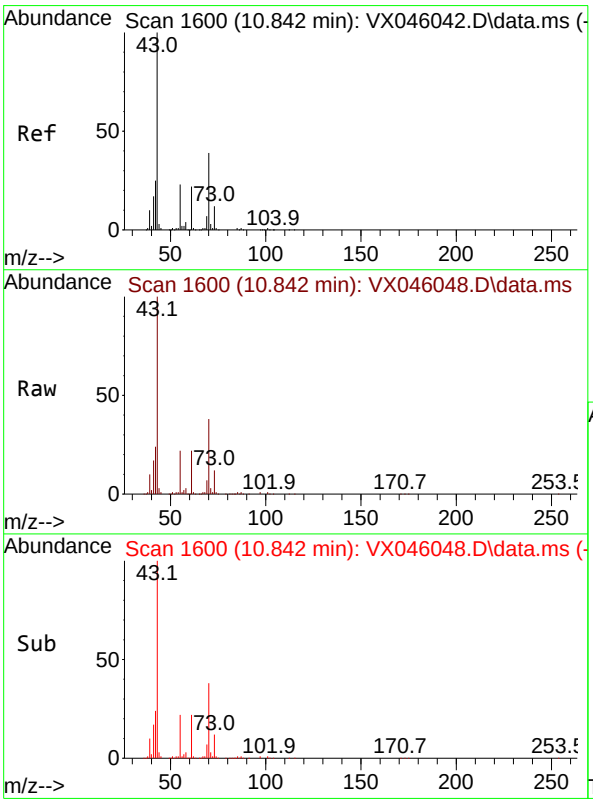
#73
Isopropylbenzene
Concen: 50.733 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:105 Resp: 269484

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

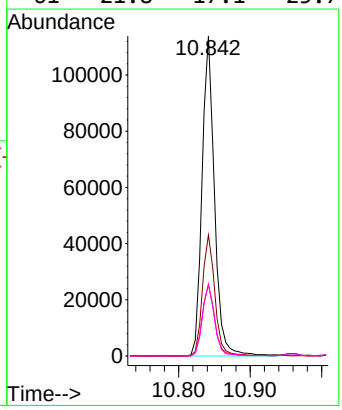


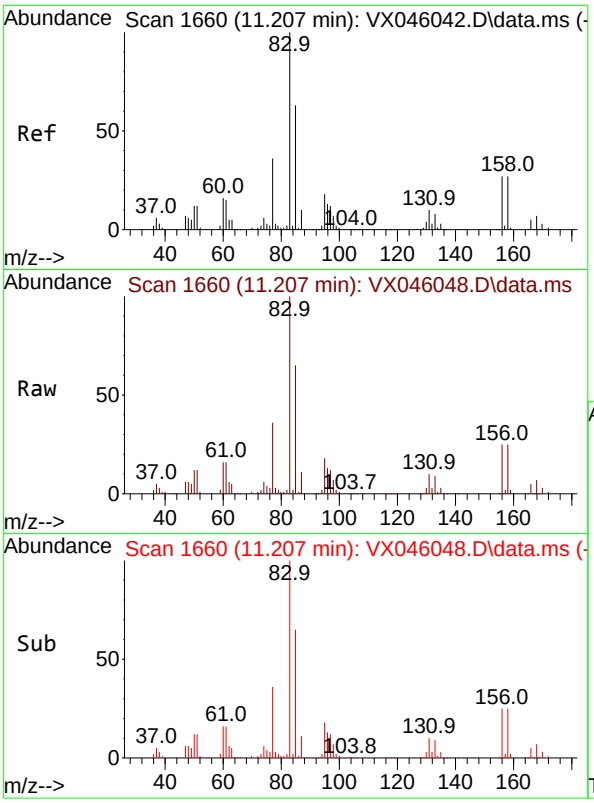


#74
N-amyl acetate
Concen: 52.407 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 137559

Ion	Ratio	Lower	Upper
43	100		
70	37.9	30.9	46.3
55	22.7	18.7	28.1
61	21.8	17.1	25.7



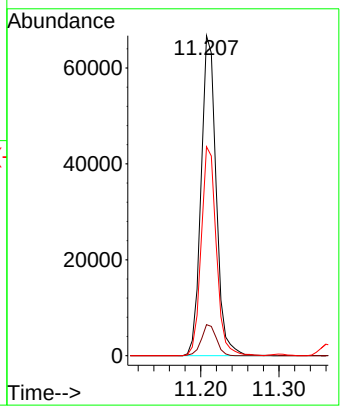


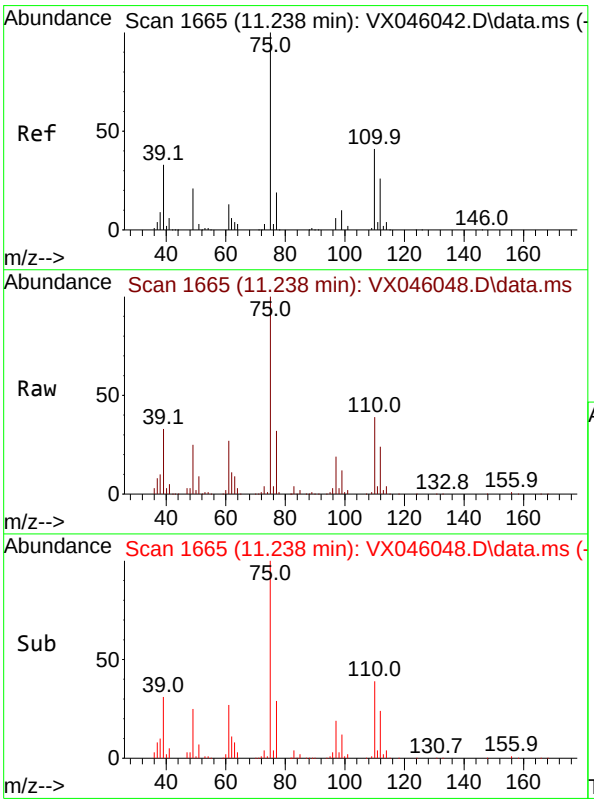
#75
1,1,2,2-Tetrachloroethane
Concen: 47.827 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 83 Resp: 89027

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	65.5	31.9	95.7

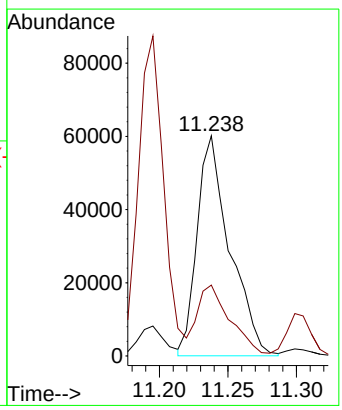


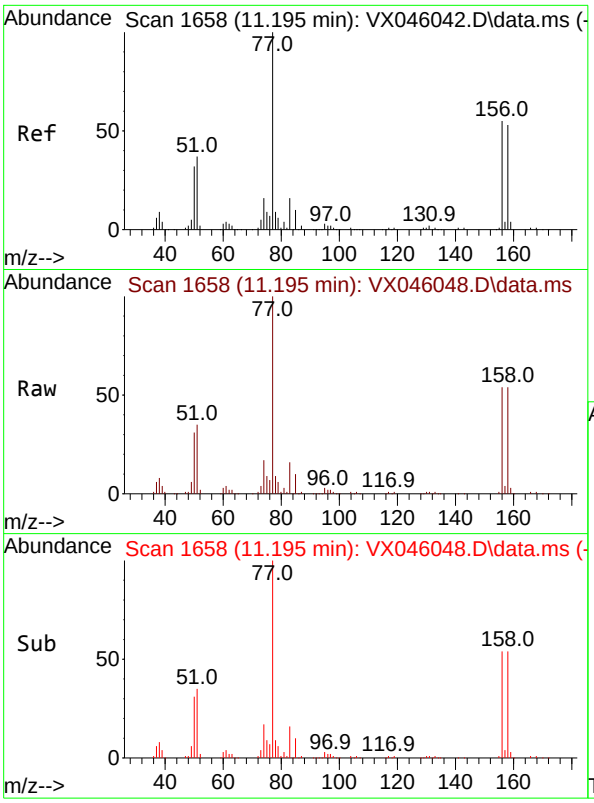


#76
1,2,3-Trichloropropane
Concen: 60.821 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 99886

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.5	61.5



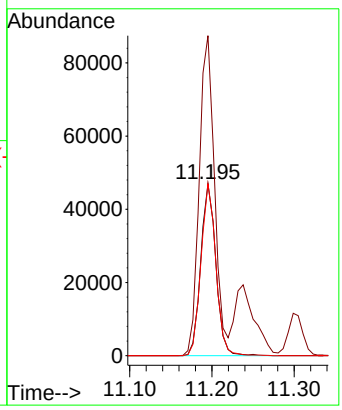


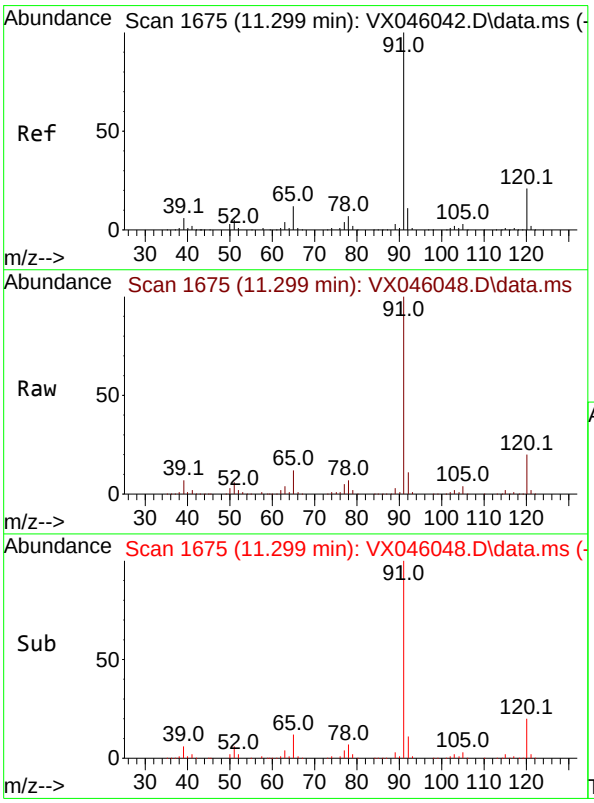
#77
Bromobenzene
Concen: 48.549 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:156 Resp: 59871

Ion	Ratio	Lower	Upper
156	100		
77	189.0	92.8	278.3
158	98.9	48.8	146.3

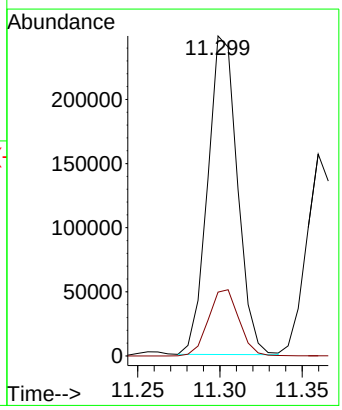


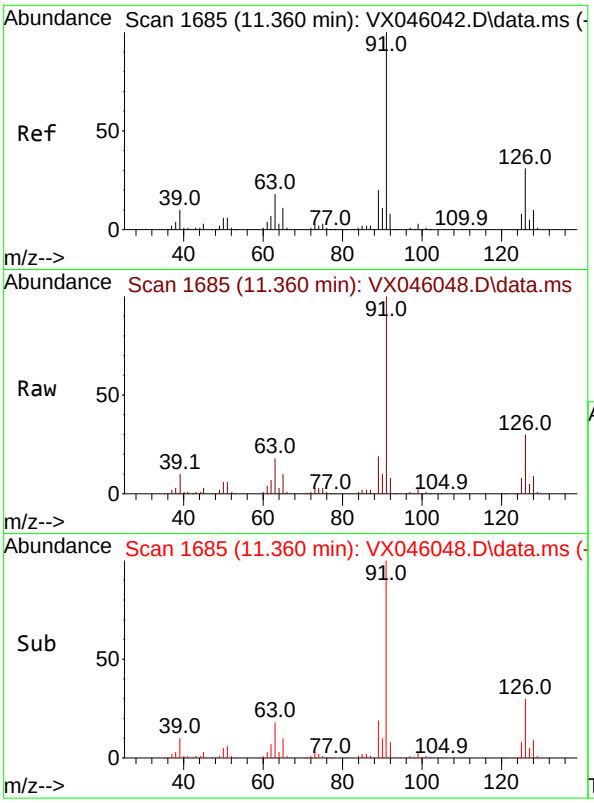


#78
n-propylbenzene
Concen: 50.562 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 312285

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.4



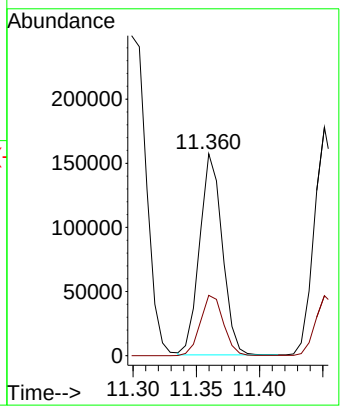


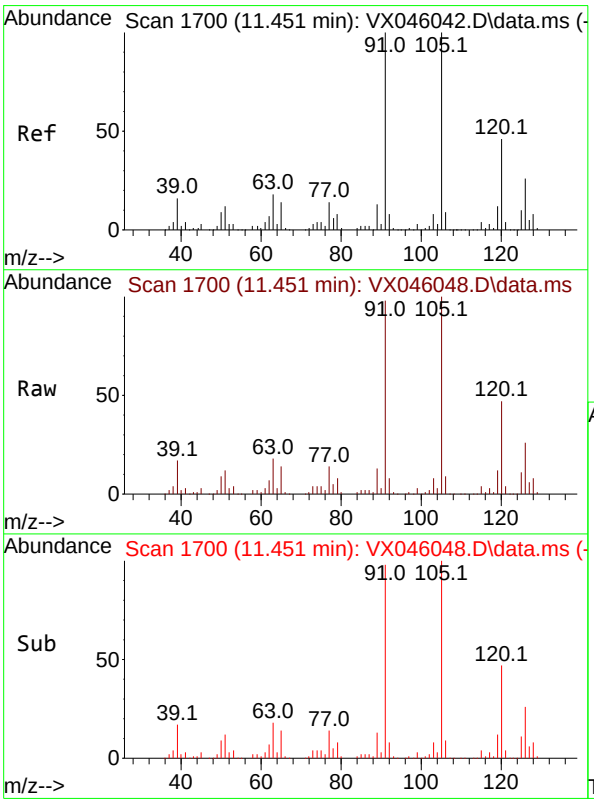
#79
2-Chlorotoluene
Concen: 49.107 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 91 Resp: 195630

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7

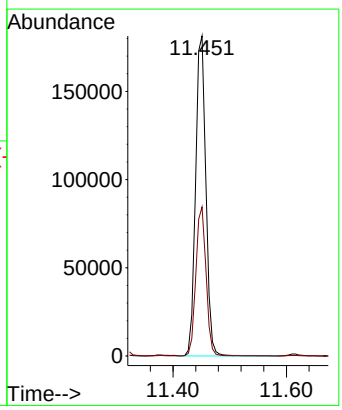


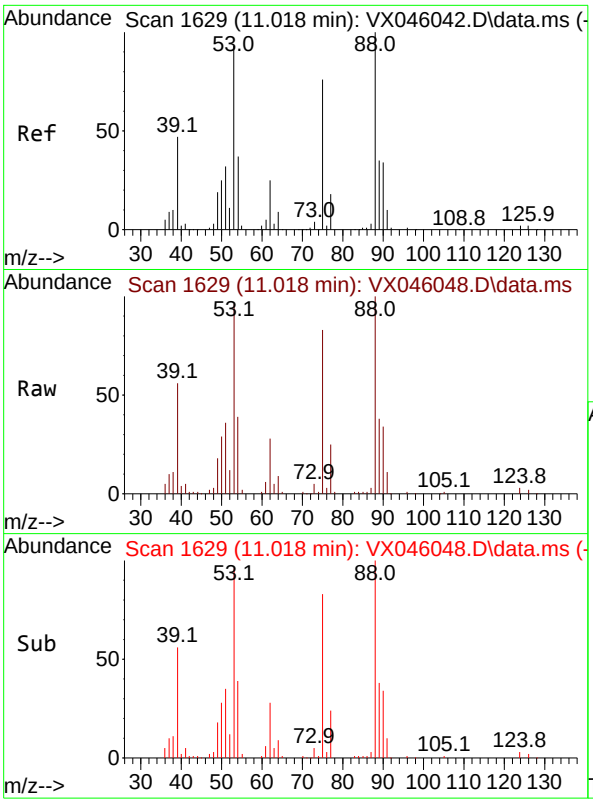


#80
1,3,5-Trimethylbenzene
Concen: 51.500 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:105 Resp: 228538

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



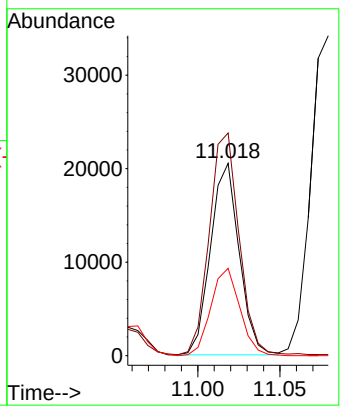


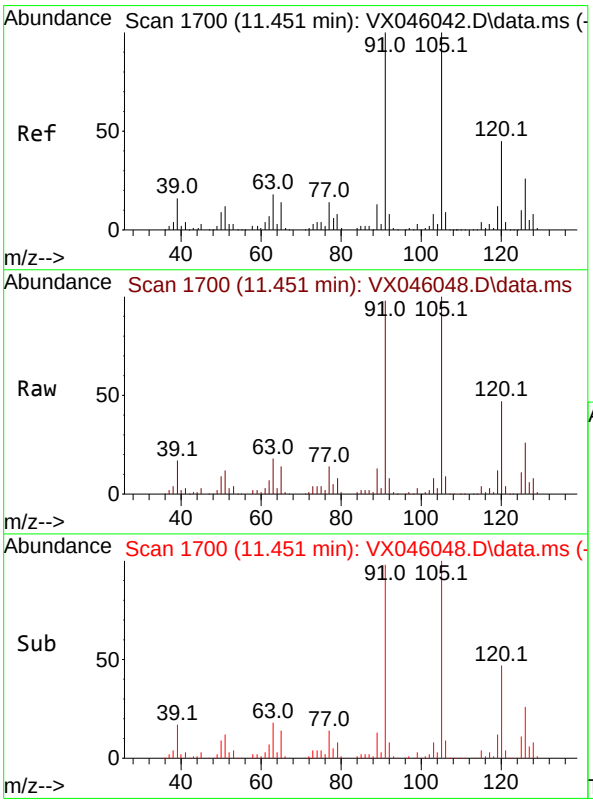
#81
trans-1,4-Dichloro-2-butene
Concen: 49.276 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 75 Resp: 24857

Ion	Ratio	Lower	Upper
75	100		
53	122.3	100.5	150.7
89	46.2	37.0	55.6

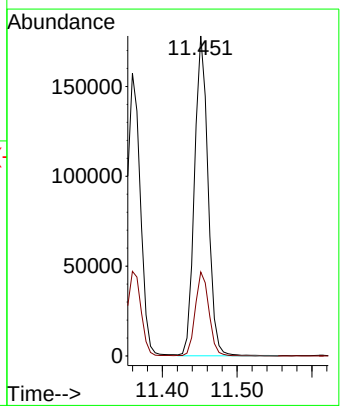


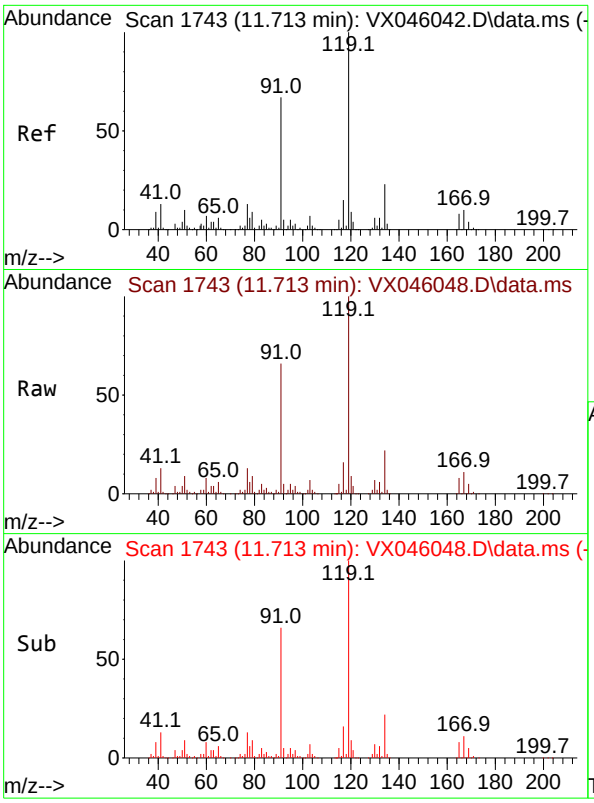


#82
4-Chlorotoluene
Concen: 50.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 223811

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



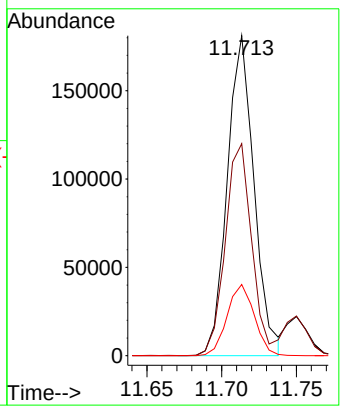


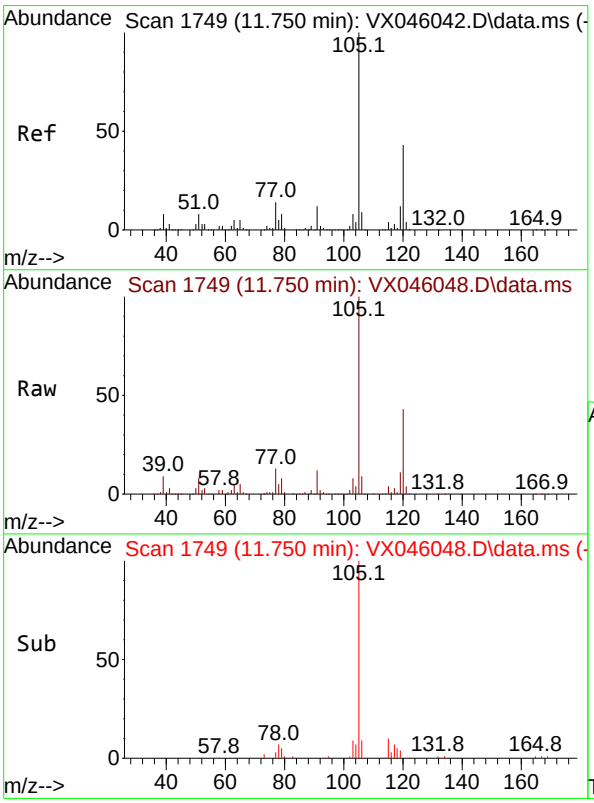
#83
tert-Butylbenzene
Concen: 50.511 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:119 Resp: 225783

Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.9	98.7
134	22.6	11.4	34.1

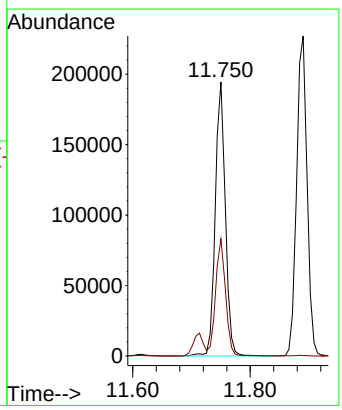


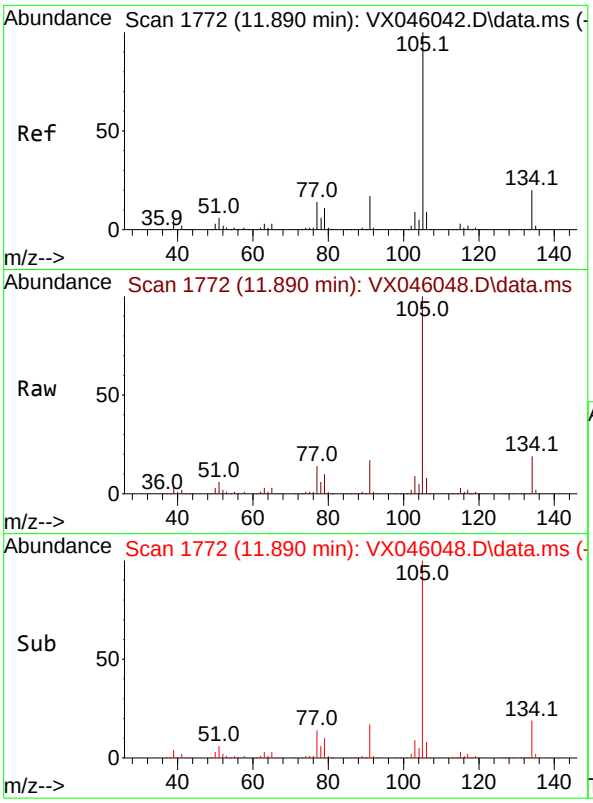


#84
1,2,4-Trimethylbenzene
Concen: 51.485 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:105 Resp: 231371

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6



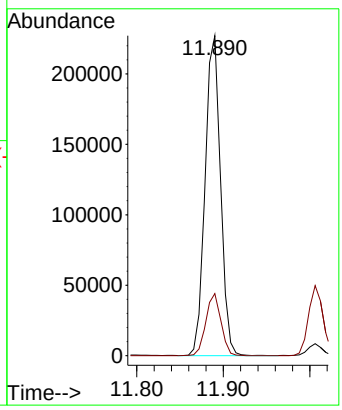


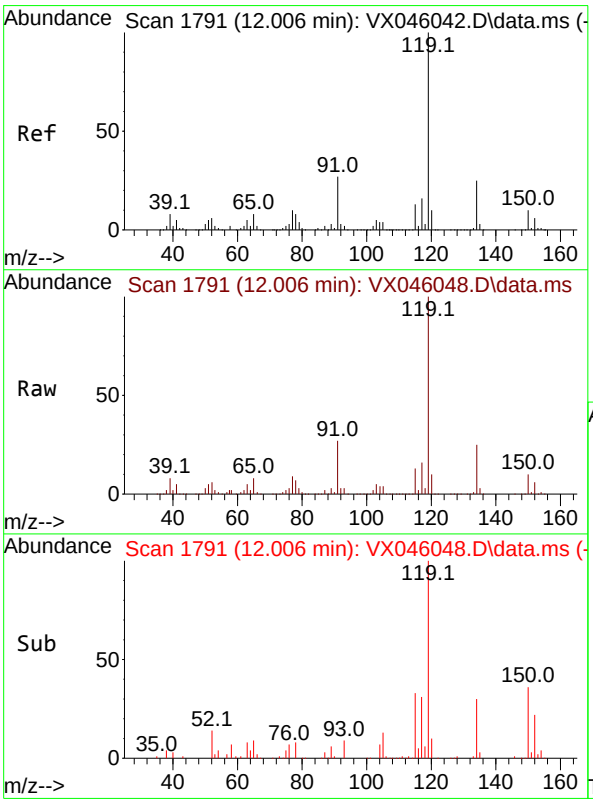
#85
sec-Butylbenzene
Concen: 51.122 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:105 Resp: 280578

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	29.1

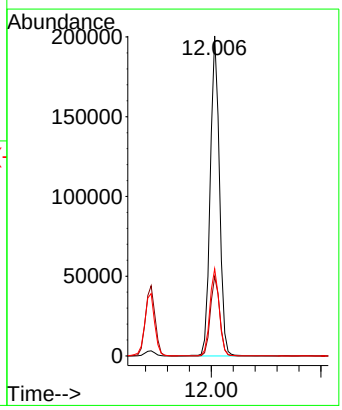


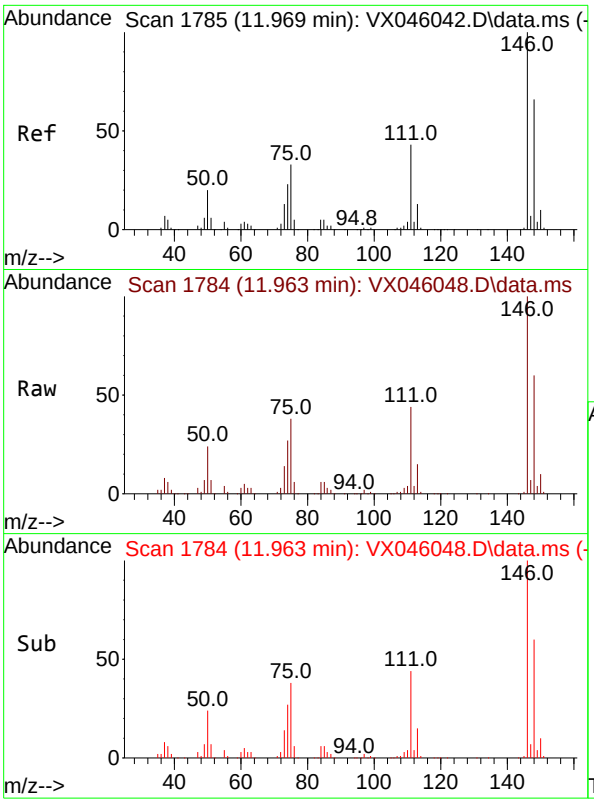


#86
p-Isopropyltoluene
Concen: 51.198 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:119 Resp: 231942

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.5	13.8	41.4



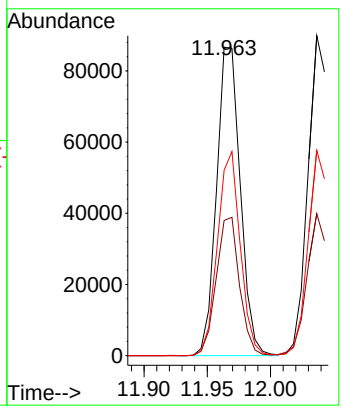


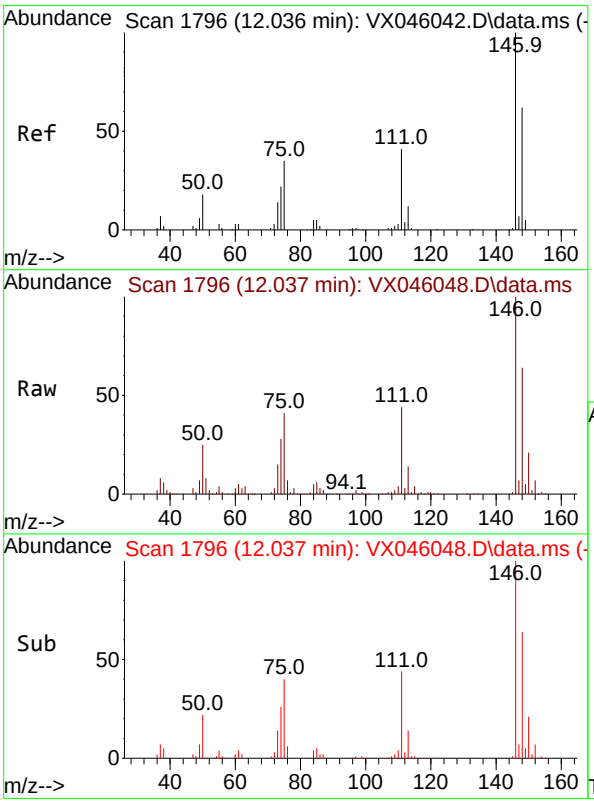
#87
1,3-Dichlorobenzene
Concen: 50.272 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:146 Resp: 113146

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	63.5	32.1	96.5

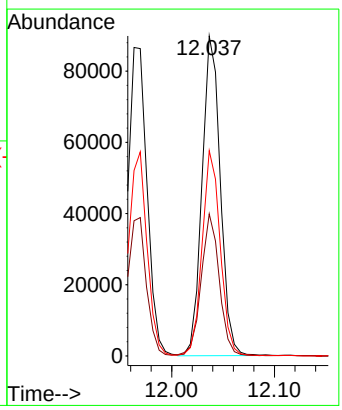


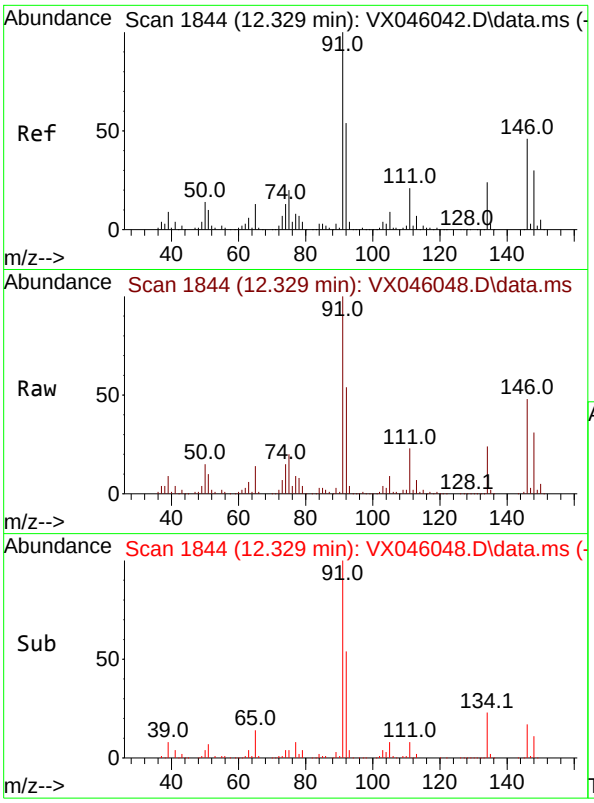


#88
1,4-Dichlorobenzene
Concen: 48.368 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:146 Resp: 111173

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.9
148	63.3	31.9	95.5



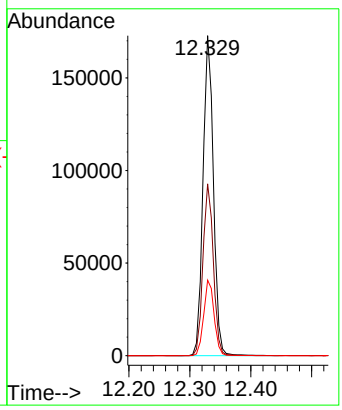


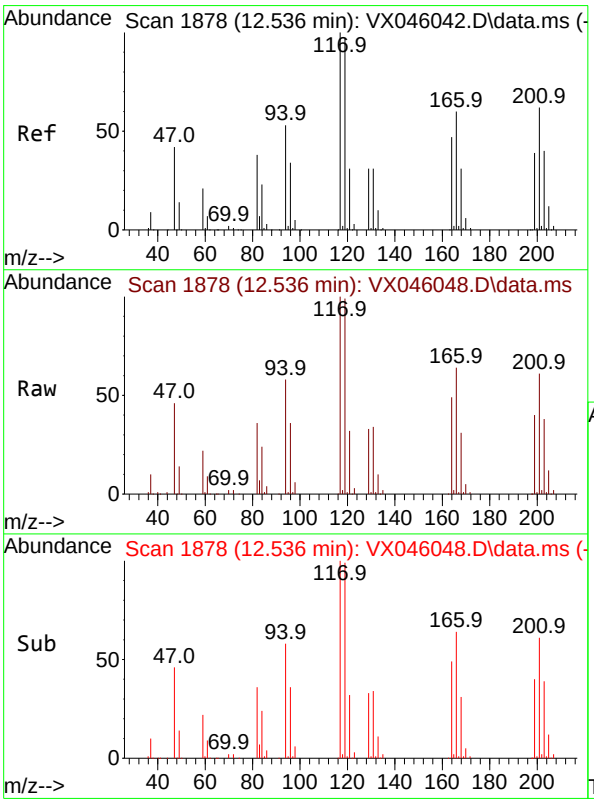
#89
n-Butylbenzene
Concen: 51.804 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 91 Resp: 205858

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	23.7	11.8	35.3

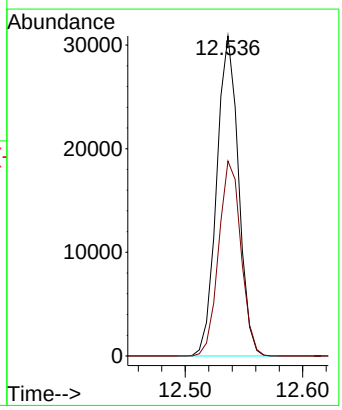


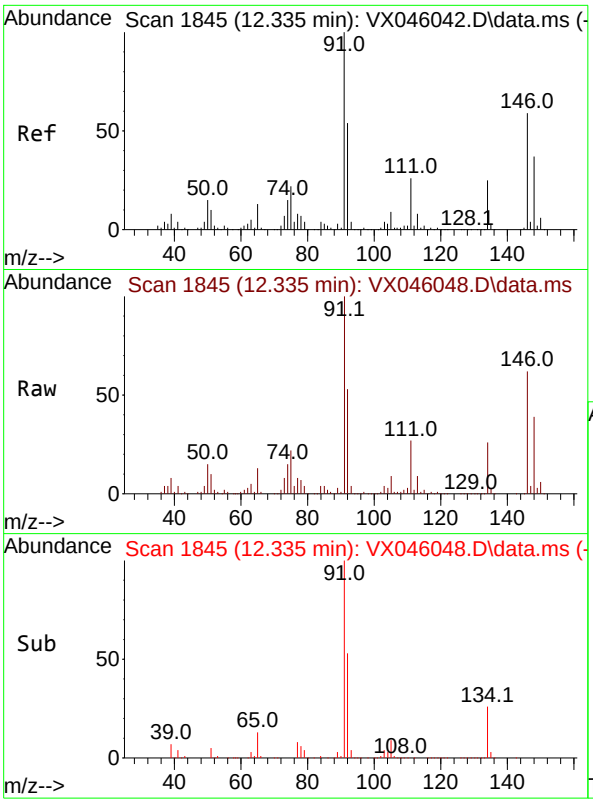


#90
Hexachloroethane
Concen: 49.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 39823

Ion	Ratio	Lower	Upper
117	100		
201	62.4	31.6	94.7



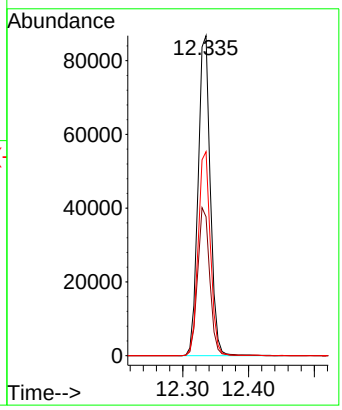


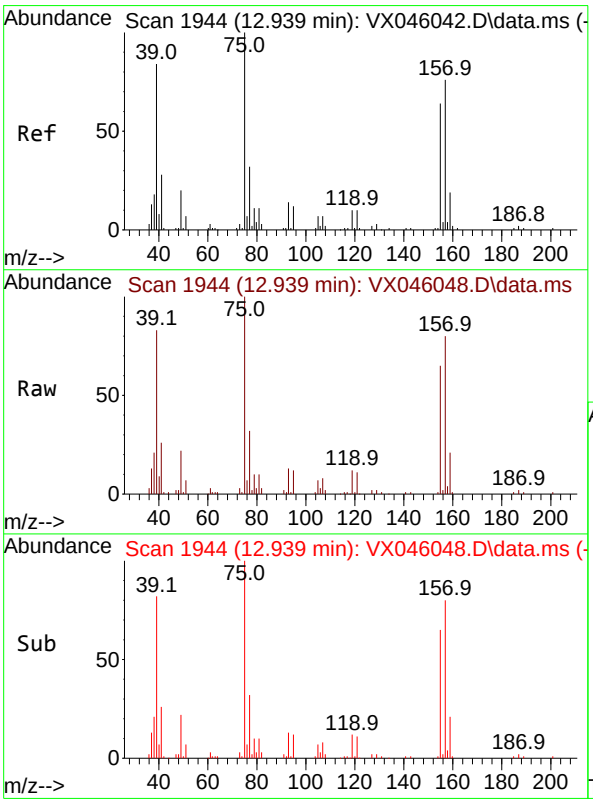
#91
1,2-Dichlorobenzene
Concen: 49.361 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:146 Resp: 111482

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.4	67.3
148	64.2	31.6	94.8

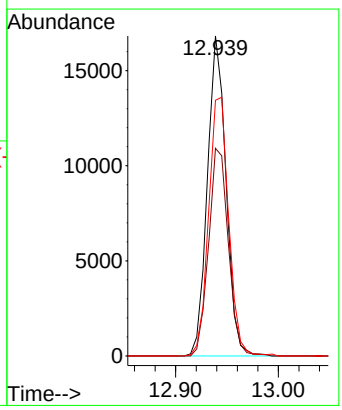


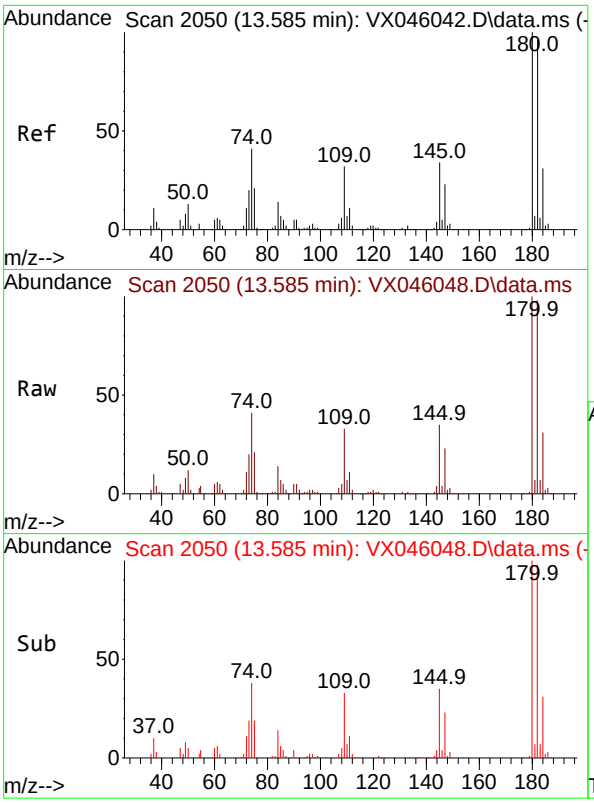


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.458 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 75 Resp: 21220

Ion	Ratio	Lower	Upper
75	100		
155	68.6	34.9	104.8
157	86.7	43.8	131.4



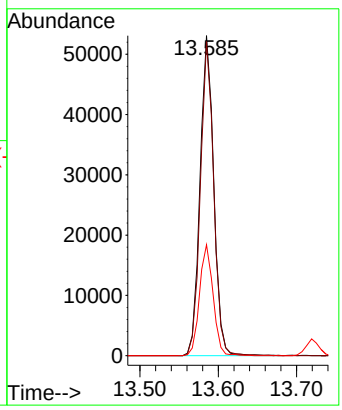


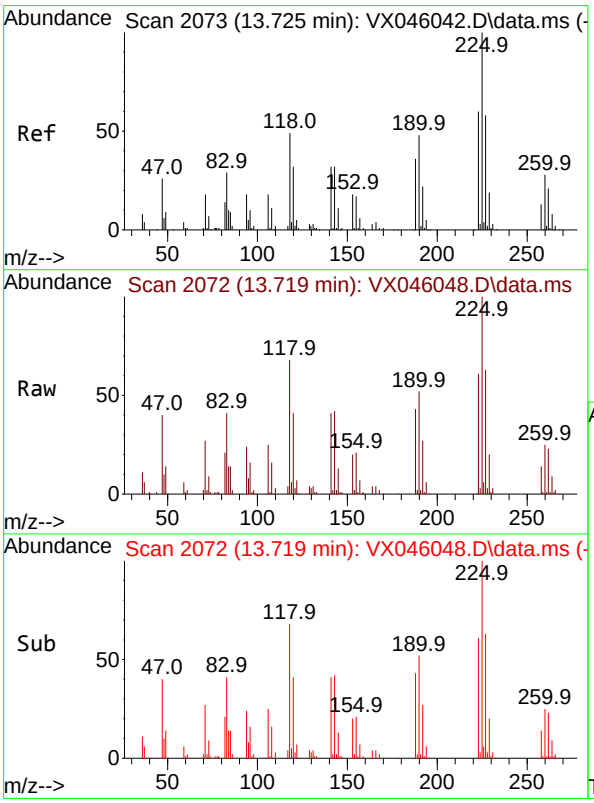
#93
1,2,4-Trichlorobenzene
Concen: 49.662 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:180 Resp: 64421

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	34.4	17.1	51.2

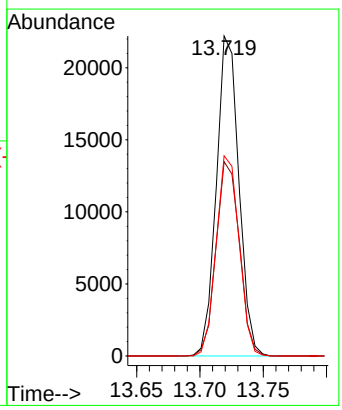


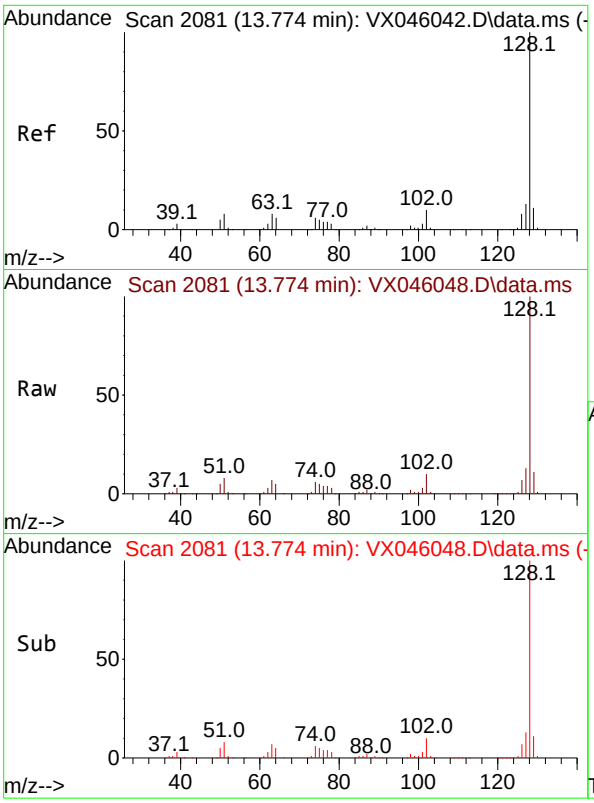


#94
Hexachlorobutadiene
Concen: 48.408 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:225 Resp: 27425

Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.8	92.4
227	63.7	30.9	92.7



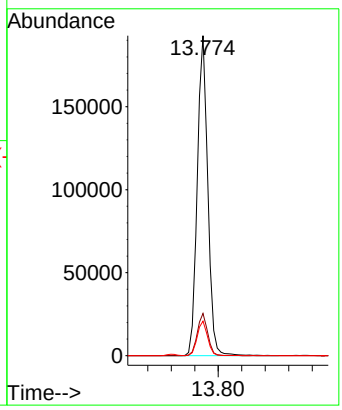


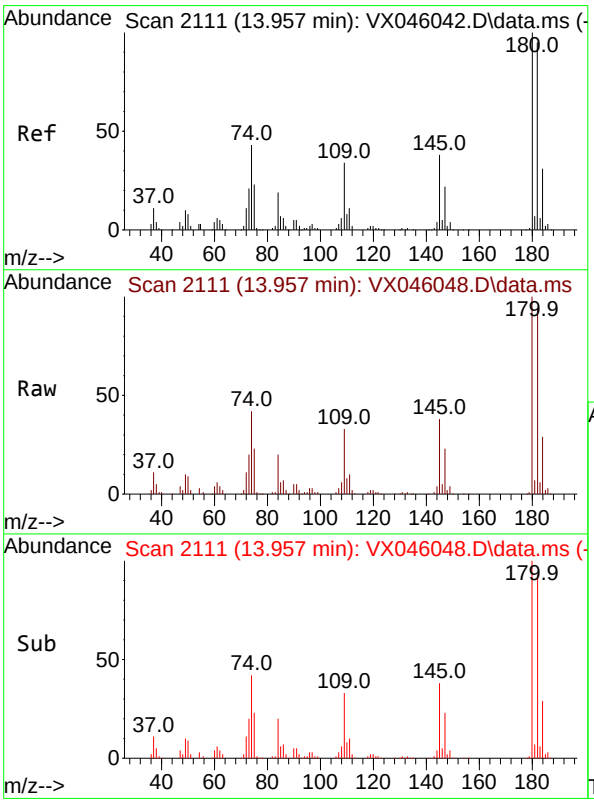
#95
Naphthalene
Concen: 50.404 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:128 Resp: 239805

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	13.0

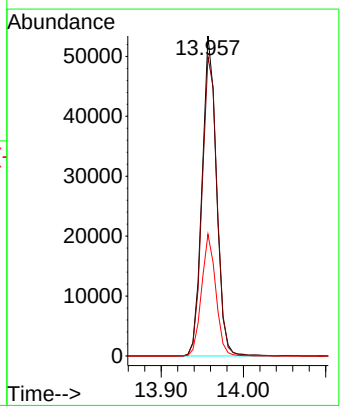




#96
1,2,3-Trichlorobenzene
Concen: 48.525 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:180 Resp: 64950

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.8	143.3
145	37.5	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	91458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84132	49.342	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.680%			
35) Dibromofluoromethane	5.373	113	58349	52.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.641	98	191933	49.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	75501	50.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	74890	53.499	ug/l	96
3) Chloromethane	1.301	50	73284	53.985	ug/l	98
4) Vinyl Chloride	1.374	62	66063	52.290	ug/l	99
5) Bromomethane	1.593	94	29432	50.227	ug/l	100
6) Chloroethane	1.666	64	36390	53.955	ug/l	98
7) Trichlorofluoromethane	1.874	101	102733	55.020	ug/l	99
8) Diethyl Ether	2.130	74	32852	51.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	64429	55.758	ug/l	98
10) Methyl Iodide	2.441	142	73946	54.083	ug/l	100
11) Tert butyl alcohol	2.971	59	60217	251.596	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58940	54.349	ug/l	96
13) Acrolein	2.233	56	73354	269.119	ug/l	98
14) Allyl chloride	2.654	41	118430	57.140	ug/l	97
15) Acrylonitrile	3.056	53	191001	279.087	ug/l	98
16) Acetone	2.380	43	192269	281.238	ug/l	99
17) Carbon Disulfide	2.502	76	136592	53.127	ug/l	100
18) Methyl Acetate	2.703	43	107277	67.621	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	206503	54.313	ug/l	100
20) Methylene Chloride	2.782	84	65272	49.822	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	59084	54.176	ug/l	95
22) Diisopropyl ether	3.751	45	224967	56.192	ug/l	99
23) Vinyl Acetate	3.715	43	959795	272.572	ug/l	100
24) 1,1-Dichloroethane	3.599	63	123217	55.257	ug/l	99
25) 2-Butanone	4.544	43	274497	276.566	ug/l	100
26) 2,2-Dichloropropane	4.465	77	95191	54.540	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	71161	54.202	ug/l	99
28) Bromochloromethane	4.885	49	54104	50.407	ug/l	98
29) Tetrahydrofuran	4.995	42	170240	273.726	ug/l	98
30) Chloroform	5.080	83	126809	54.560	ug/l	99
31) Cyclohexane	5.458	56	107618	52.962	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	108862	54.032	ug/l	99
36) 1,1-Dichloropropene	5.678	75	81871	54.361	ug/l	99
37) Ethyl Acetate	4.702	43	102307	54.982	ug/l	99
38) Carbon Tetrachloride	5.666	117	92271	54.528	ug/l	97
39) Methylcyclohexane	7.373	83	105648	54.488	ug/l	98
40) Benzene	6.025	78	242267	54.919	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	59869	61.507	ug/l		98
42) 1,2-Dichloroethane	6.074	62	103627	54.429	ug/l		99
43) Isopropyl Acetate	6.330	43	159524	56.197	ug/l		99
44) Trichloroethene	7.117	130	58068	54.691	ug/l		94
45) 1,2-Dichloropropane	7.421	63	61502	56.068	ug/l		95
46) Dibromomethane	7.574	93	47561	54.974	ug/l		99
47) Bromodichloromethane	7.812	83	96856	56.841	ug/l		99
48) Methyl methacrylate	7.684	41	83228	57.410	ug/l		99
49) 1,4-Dioxane	7.653	88	28493	1035.118	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	527696	280.055	ug/l		99
52) Toluene	8.714	92	146396	54.121	ug/l		99
53) t-1,3-Dichloropropene	8.970	75	86367	57.024	ug/l		100
54) cis-1,3-Dichloropropene	8.360	75	96608	57.712	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	58592	54.934	ug/l		98
56) Ethyl methacrylate	9.110	69	97109	57.126	ug/l		99
57) 1,3-Dichloropropane	9.305	76	102354	53.435	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.232	63	239108	275.903	ug/l		100
59) 2-Hexanone	9.427	43	391463	280.812	ug/l		100
60) Dibromochloromethane	9.519	129	67824	57.902	ug/l		97
61) 1,2-Dibromoethane	9.604	107	61152	55.163	ug/l		99
64) Tetrachloroethene	9.269	164	51973	56.142	ug/l		96
65) Chlorobenzene	10.073	112	154770	54.044	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55431	56.685	ug/l		99
67) Ethyl Benzene	10.189	91	289173	57.284	ug/l		100
68) m/p-Xylenes	10.299	106	209150	113.281	ug/l		98
69) o-Xylene	10.634	106	102312	56.842	ug/l		98
70) Styrene	10.653	104	173337	58.788	ug/l		99
71) Bromoform	10.793	173	42852	58.367	ug/l	#	98
73) Isopropylbenzene	10.957	105	274433	54.621	ug/l		100
74) N-amyl acetate	10.842	43	136906	55.143	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90062	51.151	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	104631	67.356	ug/l		84
77) Bromobenzene	11.195	156	62435	53.525	ug/l		99
78) n-propylbenzene	11.299	91	326575	55.901	ug/l		100
79) 2-Chlorotoluene	11.360	91	198028	52.554	ug/l		100
80) 1,3,5-Trimethylbenzene	11.445	105	230250	54.855	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.012	75	26906	56.390	ug/l		98
82) 4-Chlorotoluene	11.451	91	230030	55.048	ug/l		99
83) tert-Butylbenzene	11.713	119	227701	53.855	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	235959	55.511	ug/l		99
85) sec-Butylbenzene	11.884	105	291277	56.108	ug/l		100
86) p-Isopropyltoluene	12.006	119	243737	56.880	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	116500	54.725	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	115980	53.346	ug/l		100
89) n-Butylbenzene	12.329	91	224309	59.677	ug/l		100
90) Hexachloroethane	12.536	117	43197	57.220	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	114383	53.544	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21197	54.344	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	69193	56.393	ug/l		99
94) Hexachlorobutadiene	13.719	225	30357	56.649	ug/l		97
95) Naphthalene	13.774	128	246917	54.869	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	69047	54.538	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

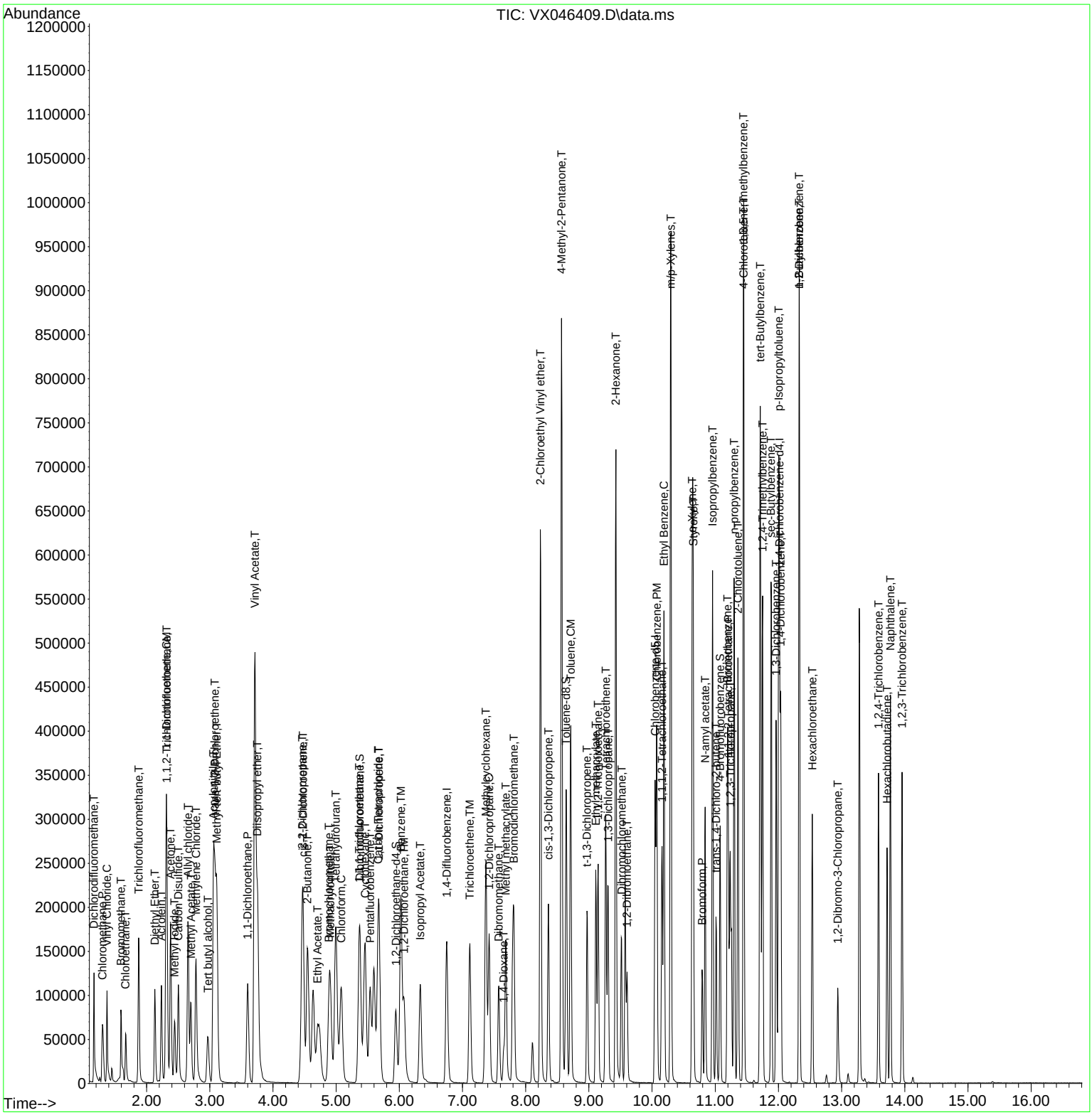
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

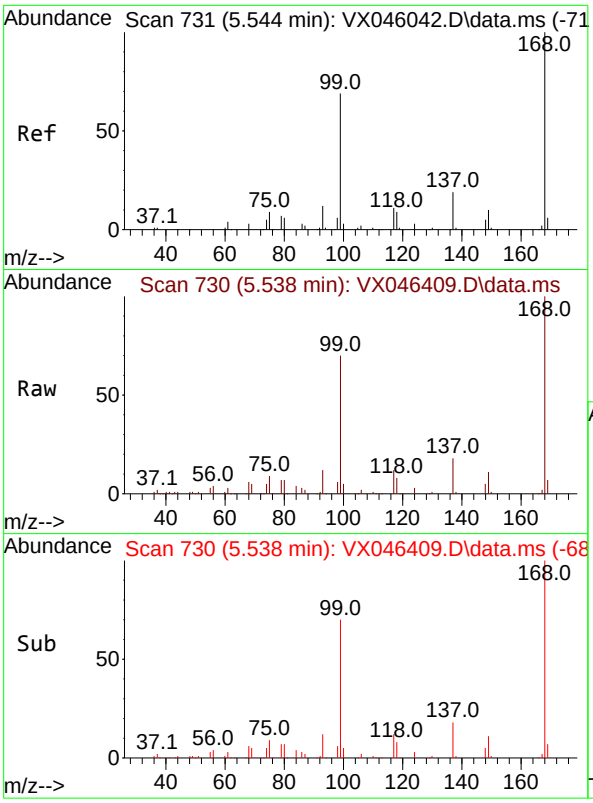
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046409.D
Acq On : 30 May 2025 10:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 30 23:22:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



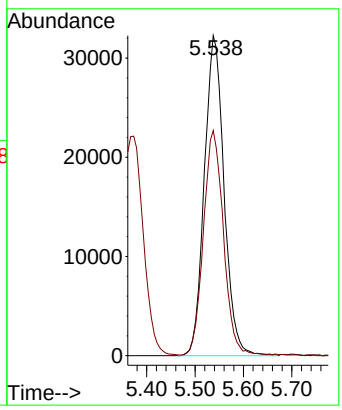


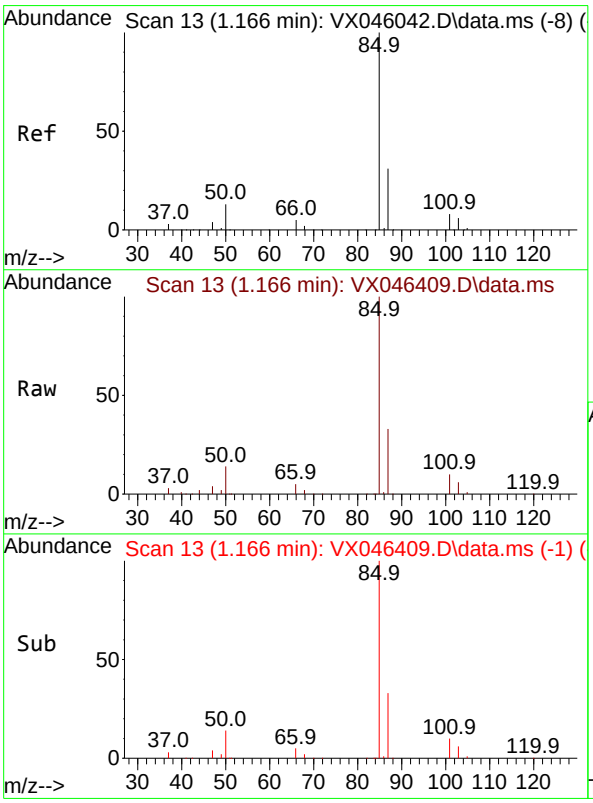
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 91458

Ion	Ratio	Lower	Upper
168	100		
99	70.1	54.9	82.3

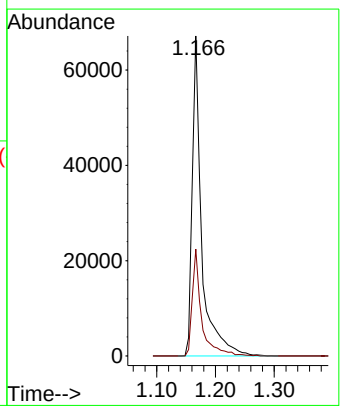


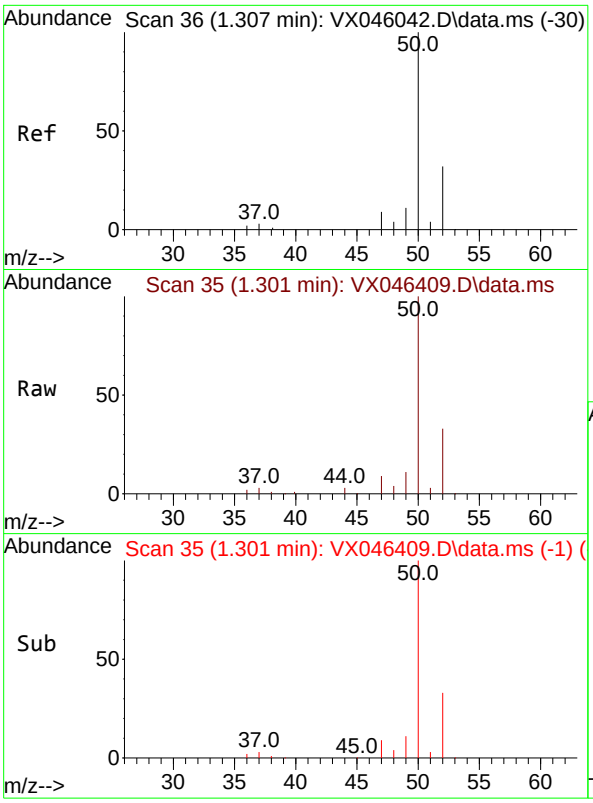


#2
Dichlorodifluoromethane
Concen: 53.499 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 85 Resp: 74890

Ion	Ratio	Lower	Upper
85	100		
87	33.4	15.7	47.1



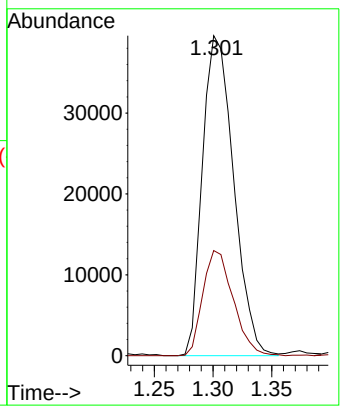


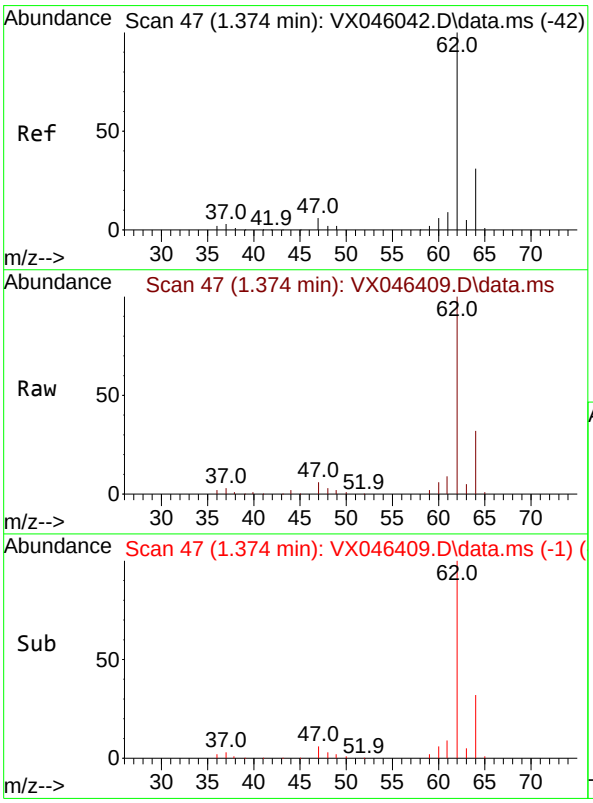
#3
Chloromethane
Concen: 53.985 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 73284

Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.4	38.2

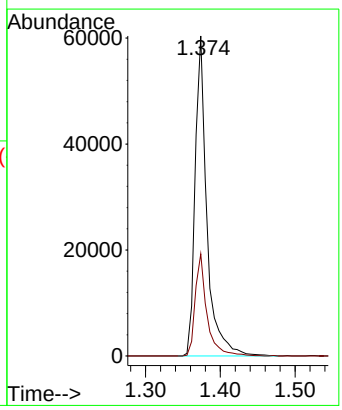


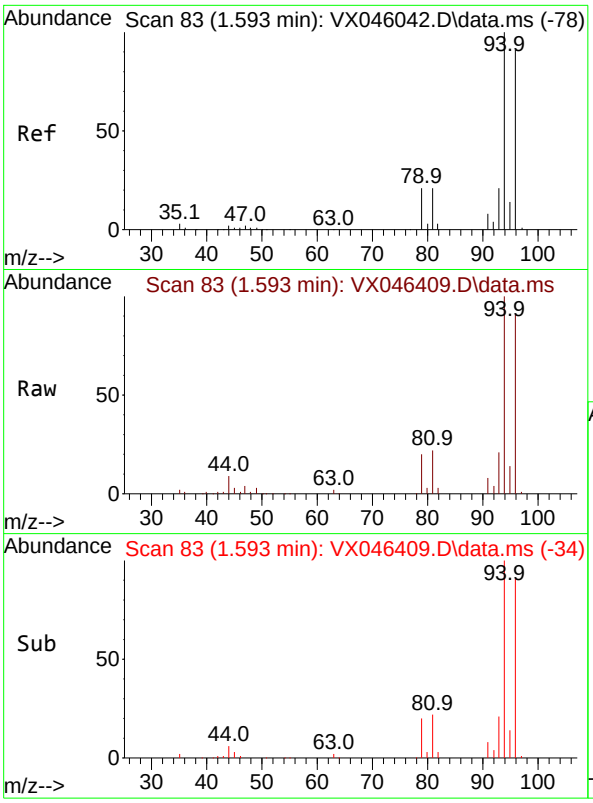


#4
Vinyl Chloride
Concen: 52.290 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 62 Resp: 66063

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.2	37.8



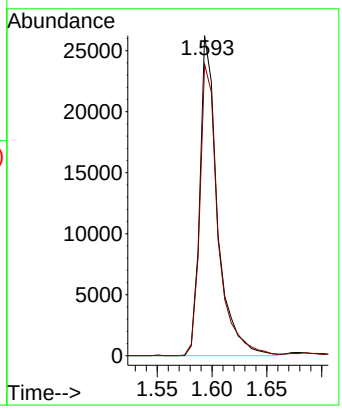


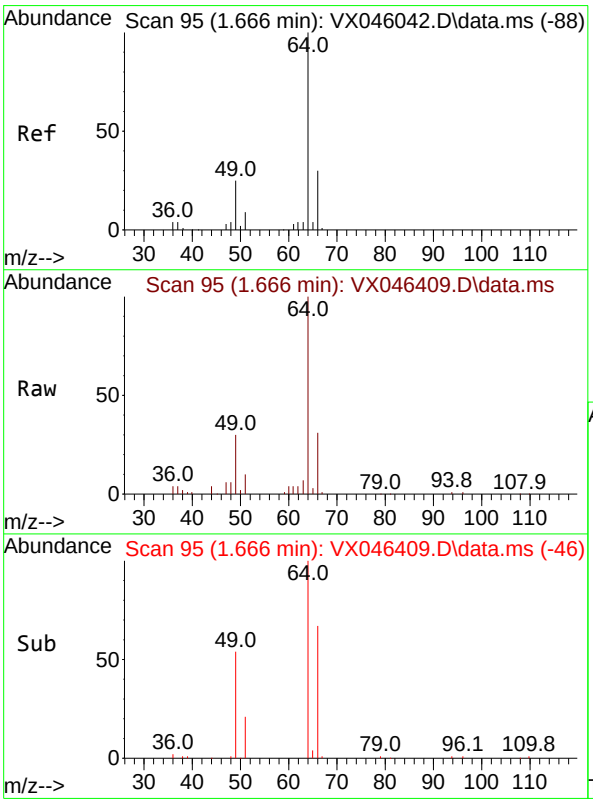
#5
Bromomethane
Concen: 50.227 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 29432

Ion	Ratio	Lower	Upper
94	100		
96	91.0	72.8	109.2

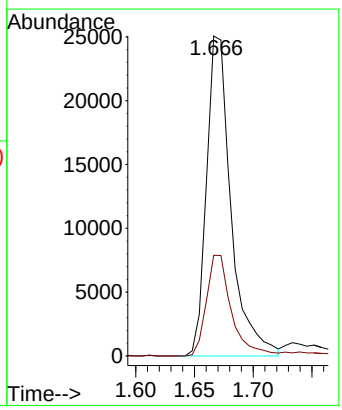


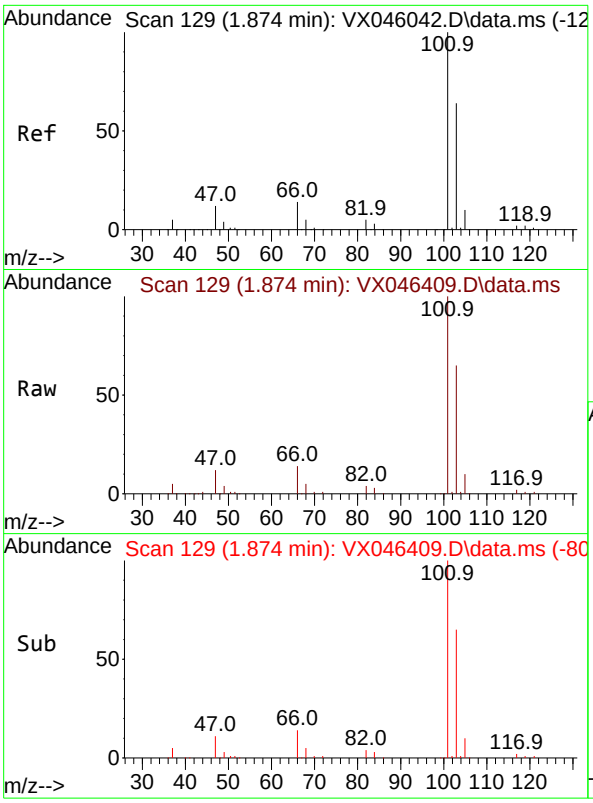


#6
Chloroethane
Concen: 53.955 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 64 Resp: 36390

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.3	36.5



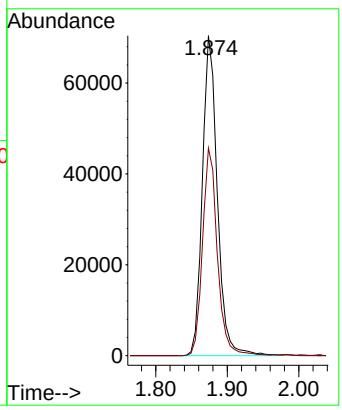


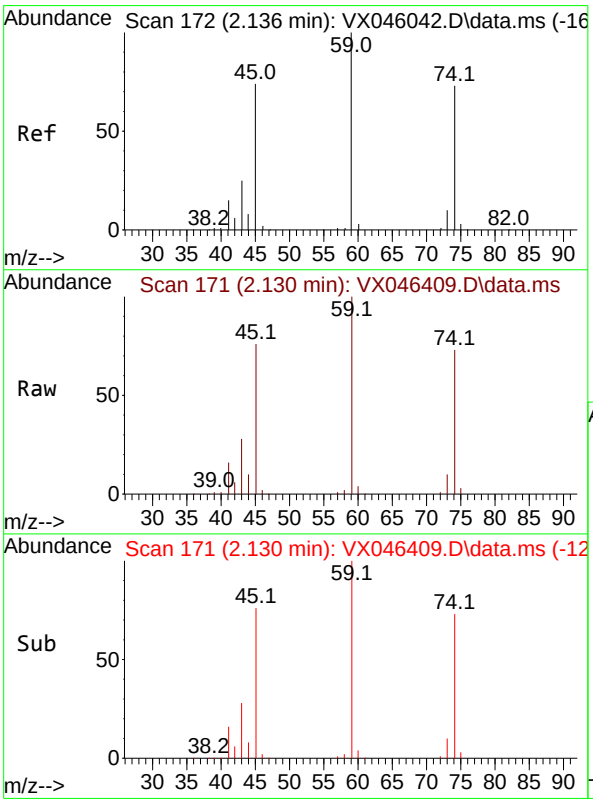
#7
Trichlorofluoromethane
Concen: 55.020 ug/l
RT: 1.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 102733

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

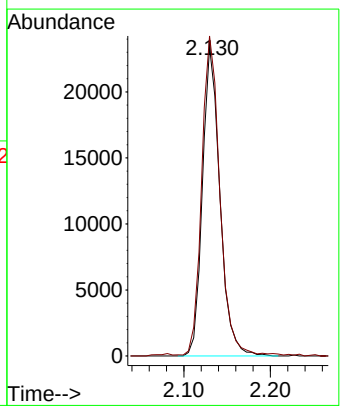


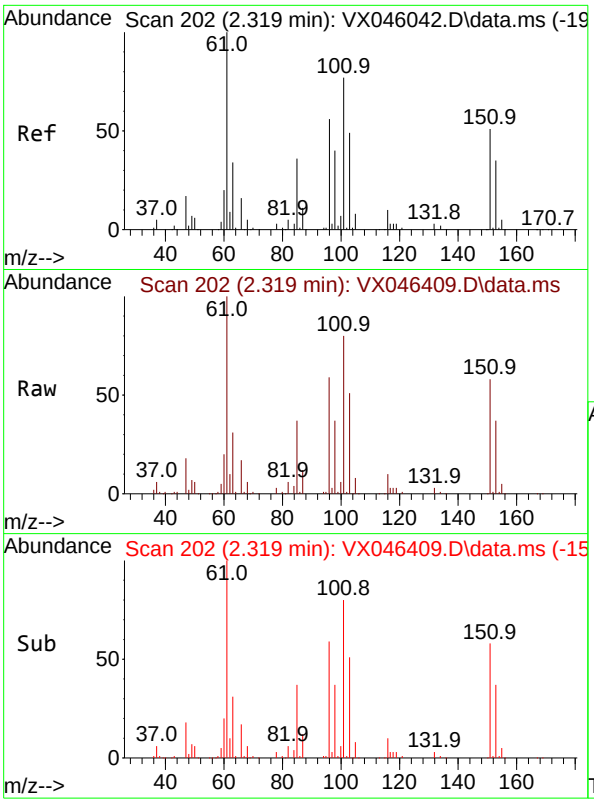


#8
Diethyl Ether
Concen: 51.685 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 74 Resp: 32852

Ion	Ratio	Lower	Upper
74	100		
45	106.7	54.9	164.8



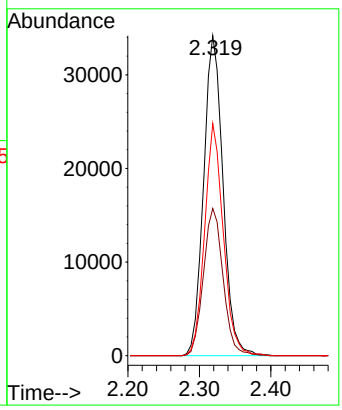


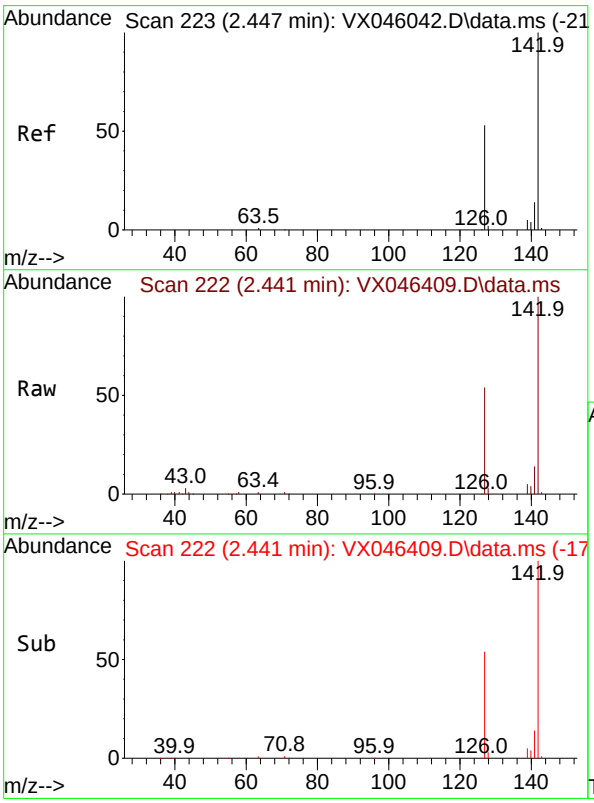
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.758 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 64429

Ion	Ratio	Lower	Upper
101	100		
85	46.6	38.6	58.0
151	70.0	55.2	82.8

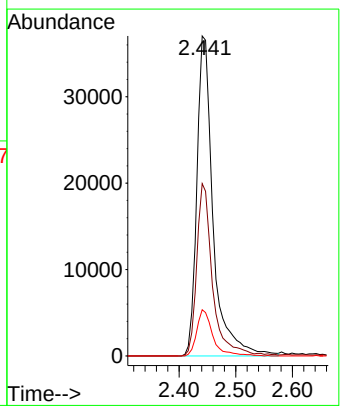


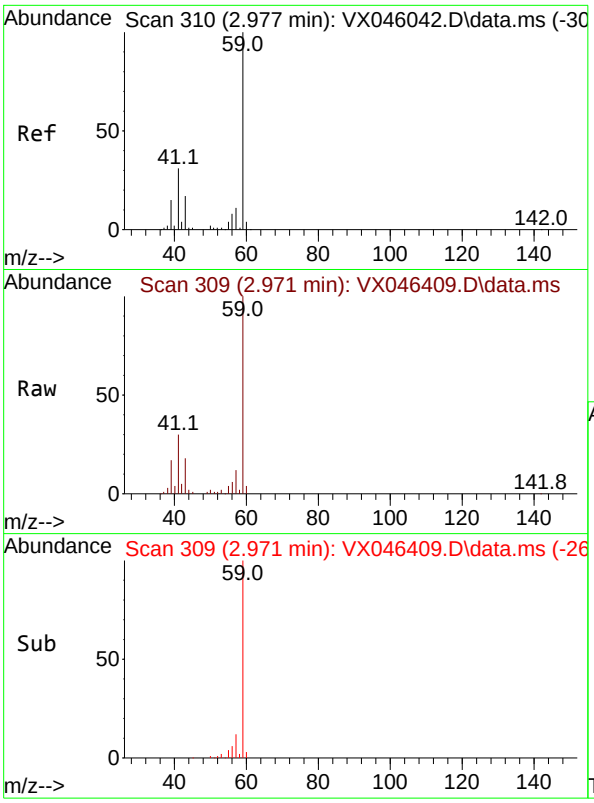


#10
Methyl Iodide
Concen: 54.083 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:142 Resp: 73946

Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.7	62.5
141	14.3	11.5	17.3



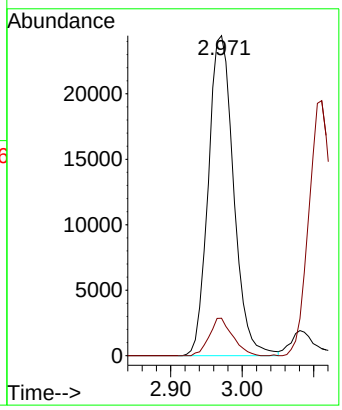


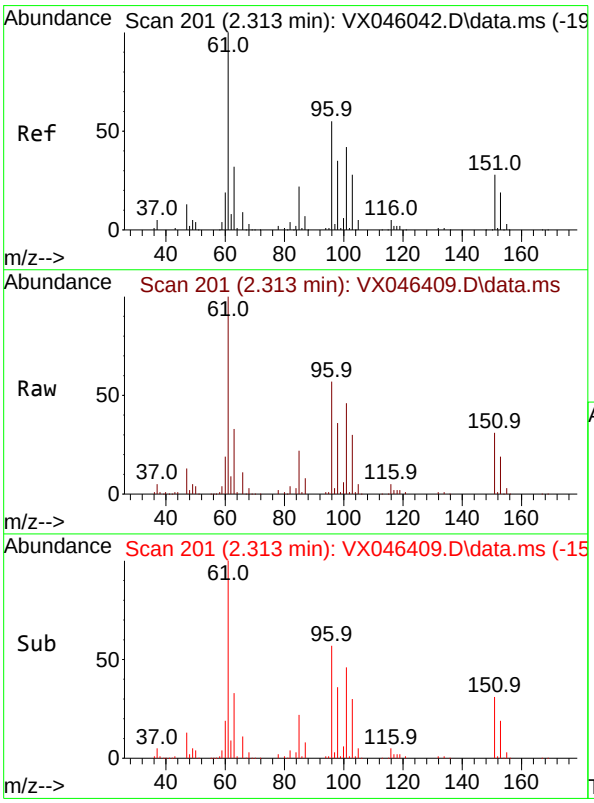
#11
Tert butyl alcohol
Concen: 251.596 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 60217

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

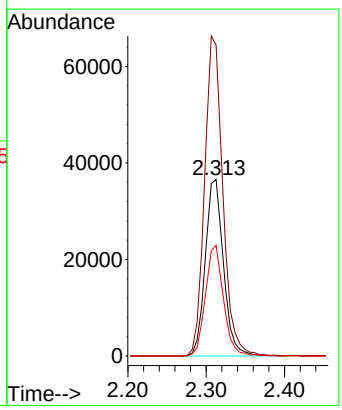


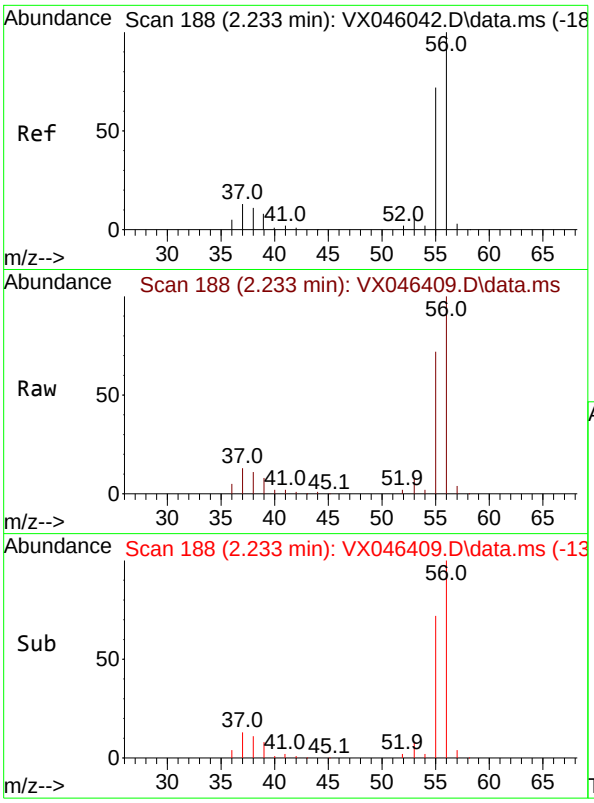


#12
1,1-Dichloroethene
Concen: 54.349 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 96 Resp: 58940

Ion	Ratio	Lower	Upper
96	100		
61	176.0	146.2	219.2
98	62.7	51.0	76.6



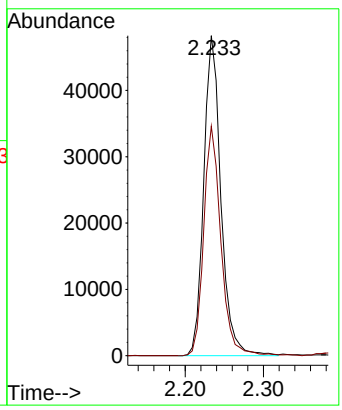


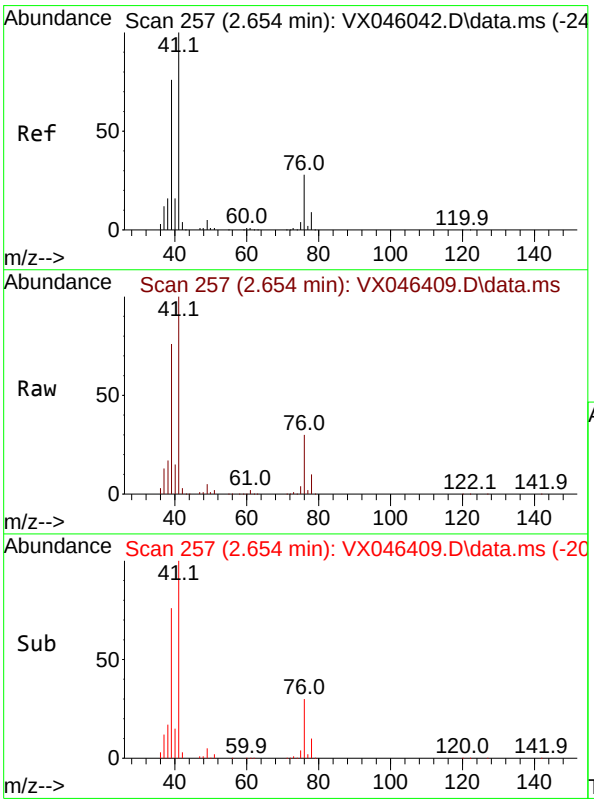
#13
Acrolein
Concen: 269.119 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 73354

Ion	Ratio	Lower	Upper
56	100		
55	71.9	56.2	84.4

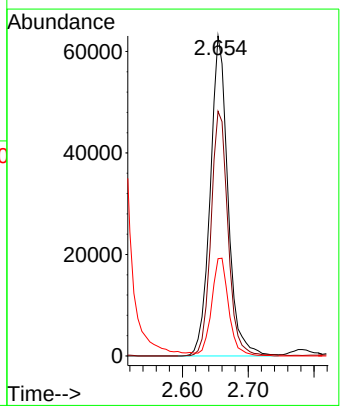


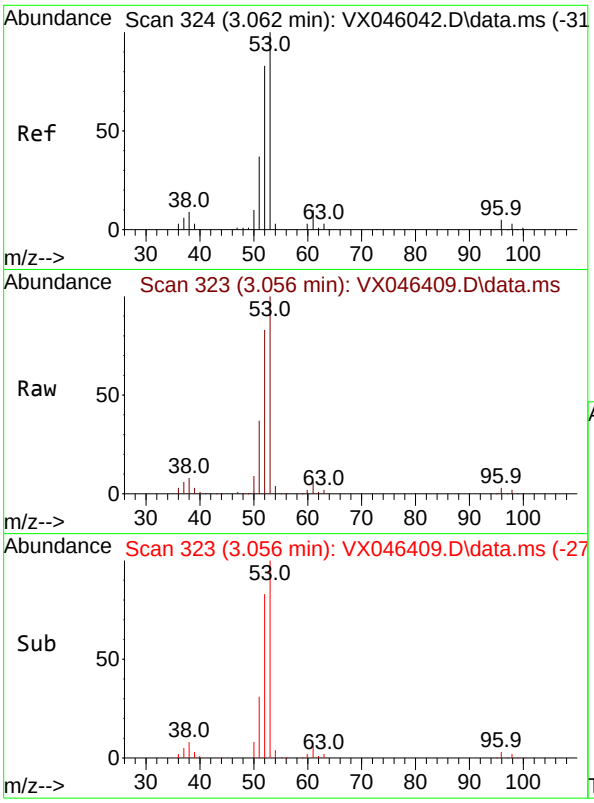


#14
Allyl chloride
Concen: 57.140 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 118430

Ion	Ratio	Lower	Upper
41	100		
39	73.2	60.6	90.8
76	29.4	24.9	37.3



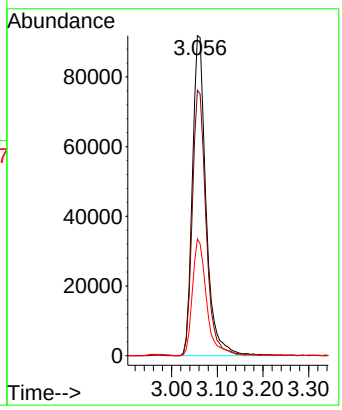


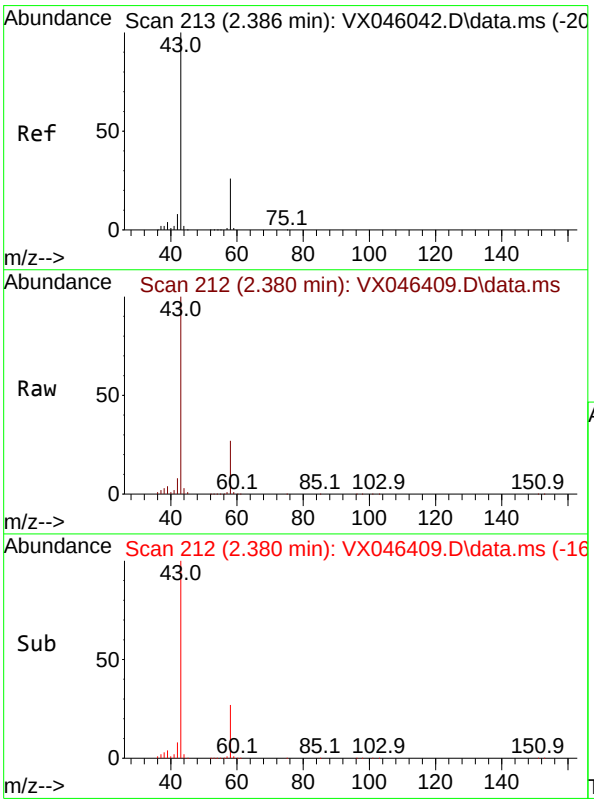
#15
Acrylonitrile
Concen: 279.087 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 191001

Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.3	97.9
51	37.7	29.8	44.8

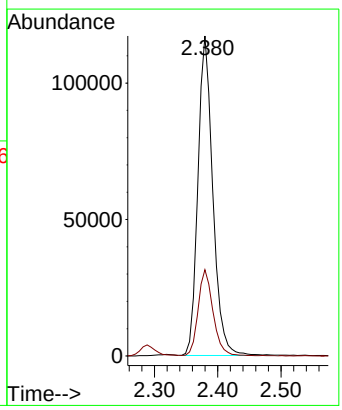


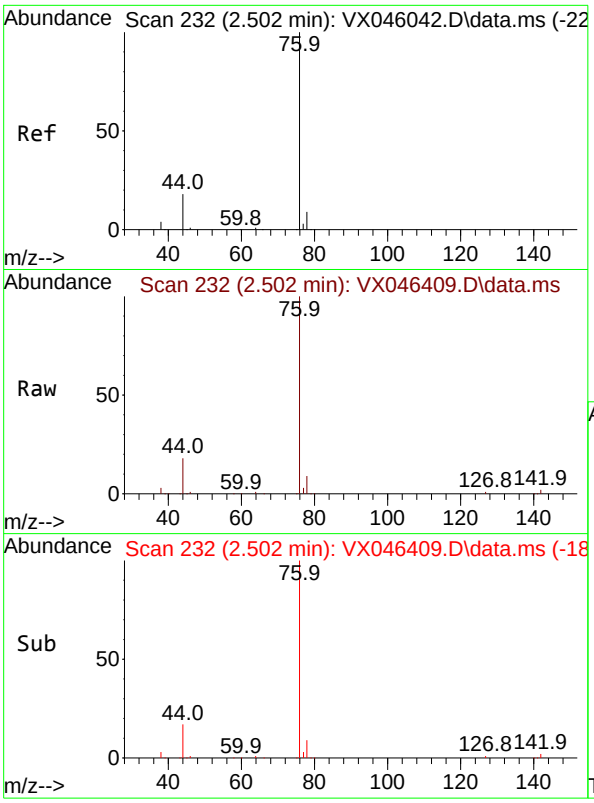


#16
Acetone
Concen: 281.238 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 192269

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.2	31.8



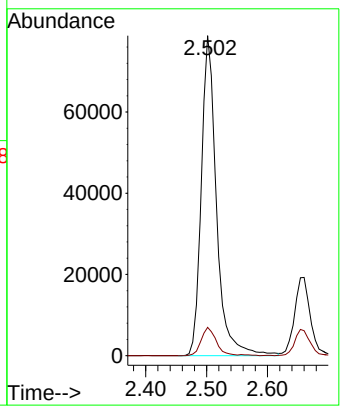


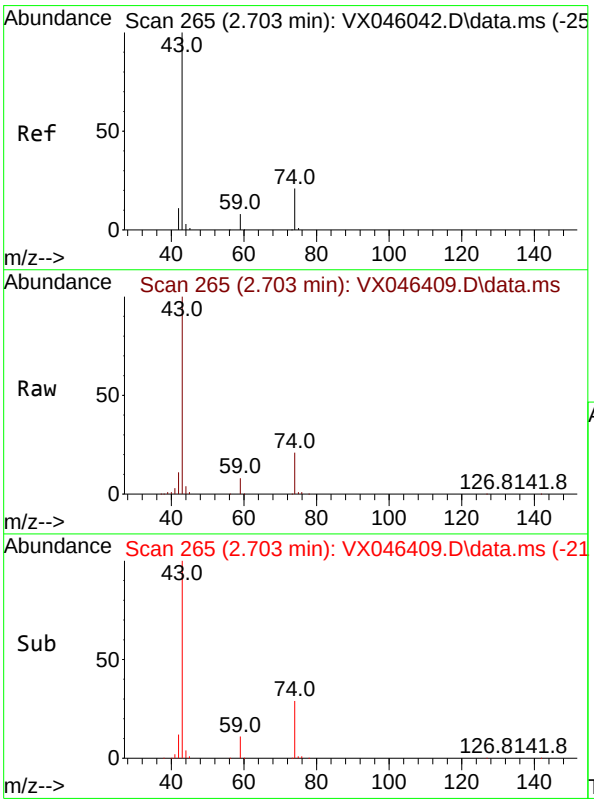
#17
Carbon Disulfide
Concen: 53.127 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 136592

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

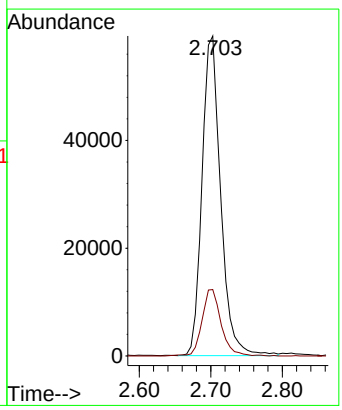


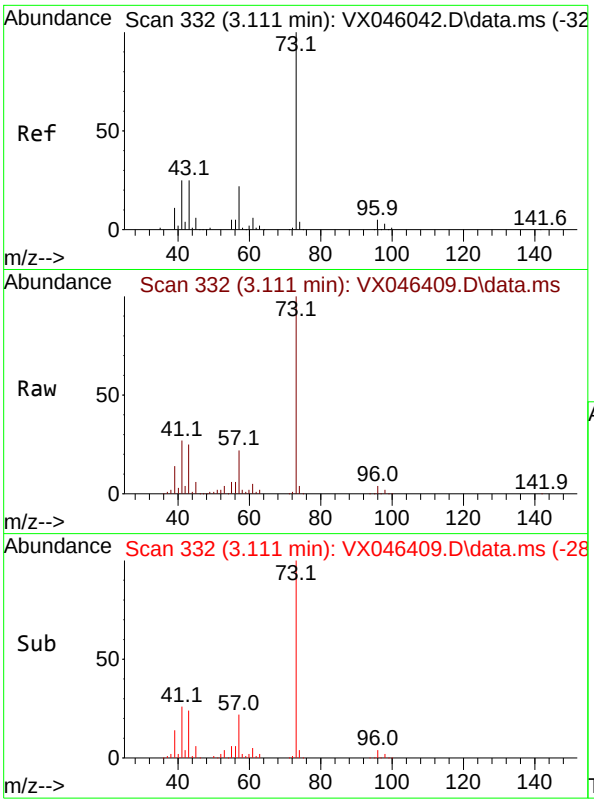


#18
Methyl Acetate
Concen: 67.621 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 107277

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1



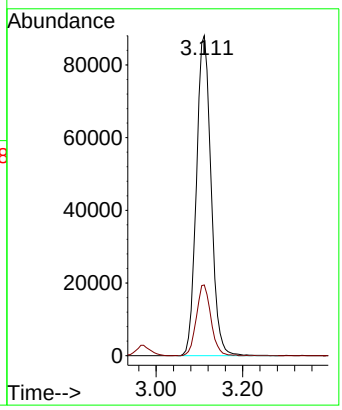


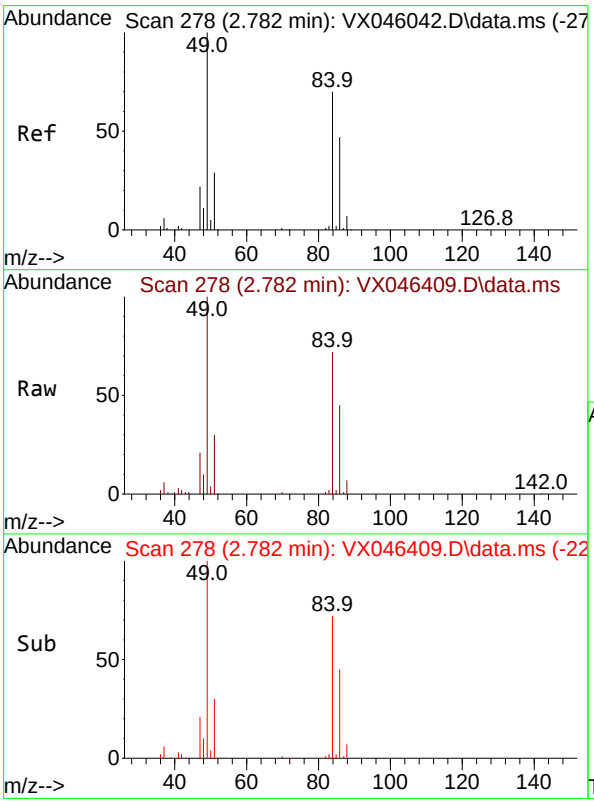
#19
Methyl tert-butyl Ether
Concen: 54.313 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 206503

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

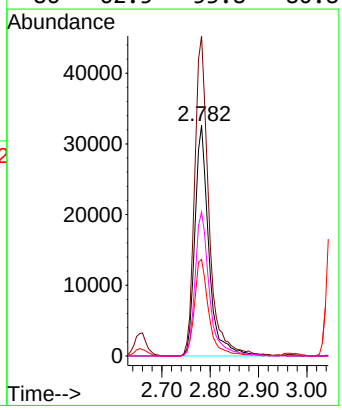


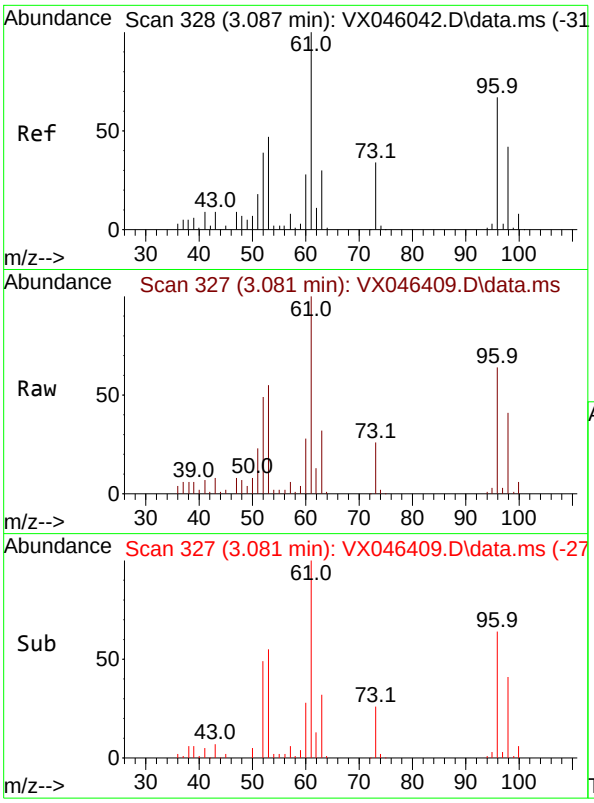


#20
Methylene Chloride
Concen: 49.822 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 84 Resp: 65272

Ion	Ratio	Lower	Upper
84	100		
49	138.8	113.9	170.9
51	41.9	33.5	50.3
86	62.5	53.8	80.8



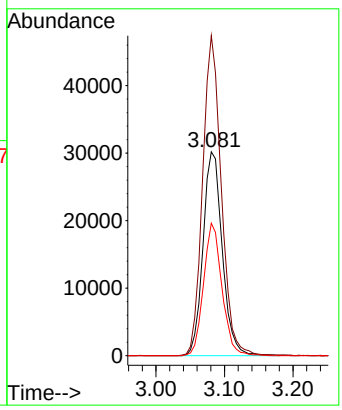


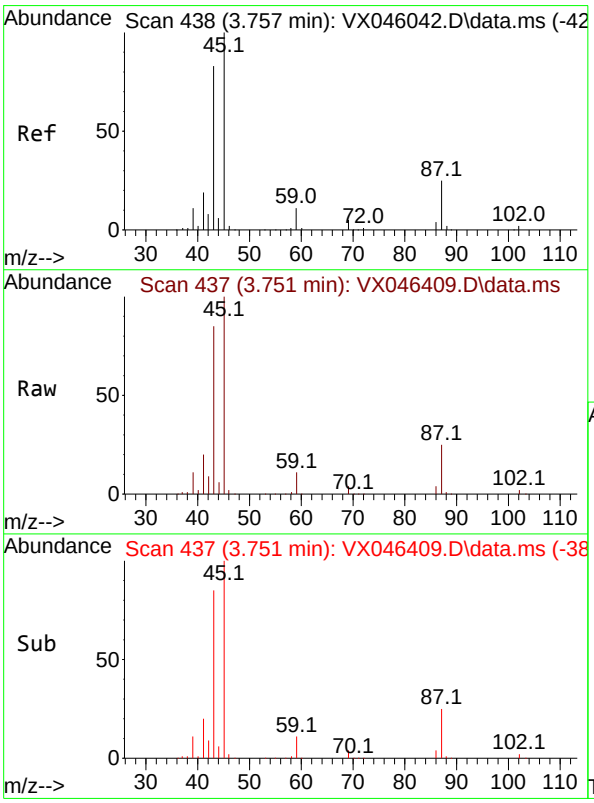
#21
trans-1,2-Dichloroethene
Concen: 54.176 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 59084

Ion	Ratio	Lower	Upper
96	100		
61	157.0	119.5	179.3
98	65.0	50.0	75.0

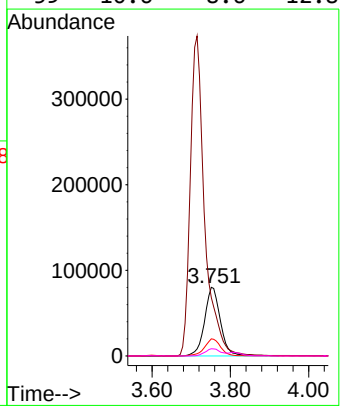


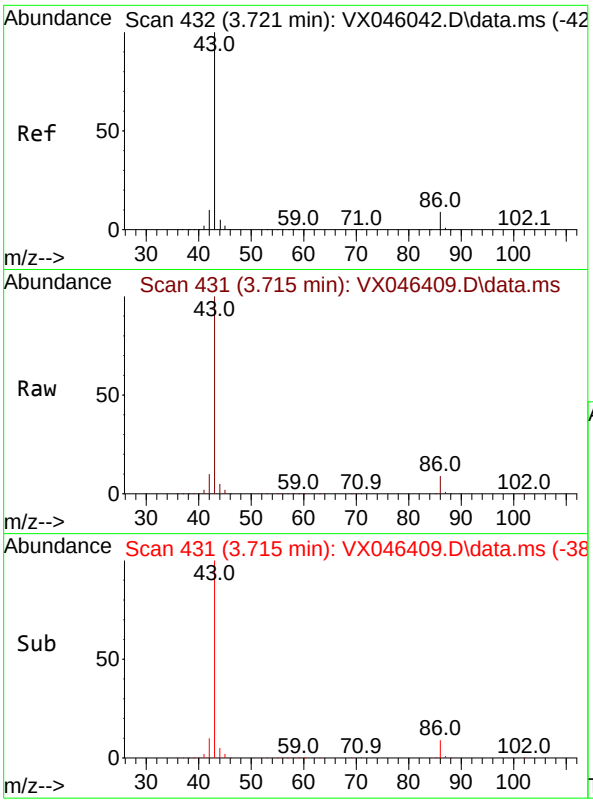


#22
Diisopropyl ether
Concen: 56.192 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 45 Resp: 224967

Ion	Ratio	Lower	Upper
45	100		
43	84.8	66.6	100.0
87	24.9	19.8	29.6
59	10.6	8.6	12.8



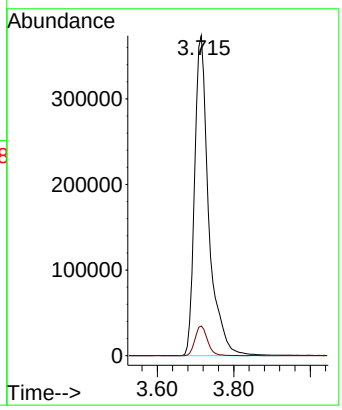


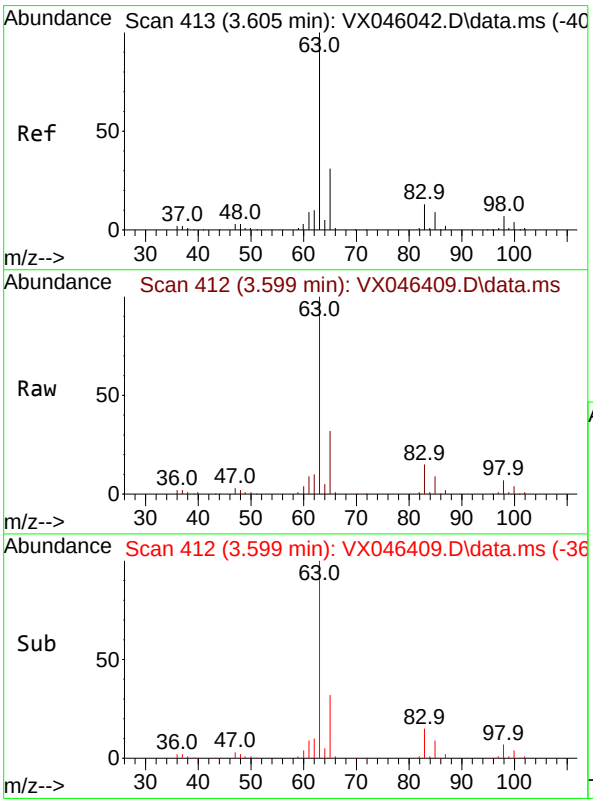
#23
Vinyl Acetate
Concen: 272.572 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 959795

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.5	11.3

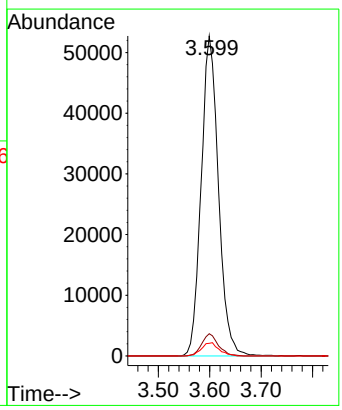


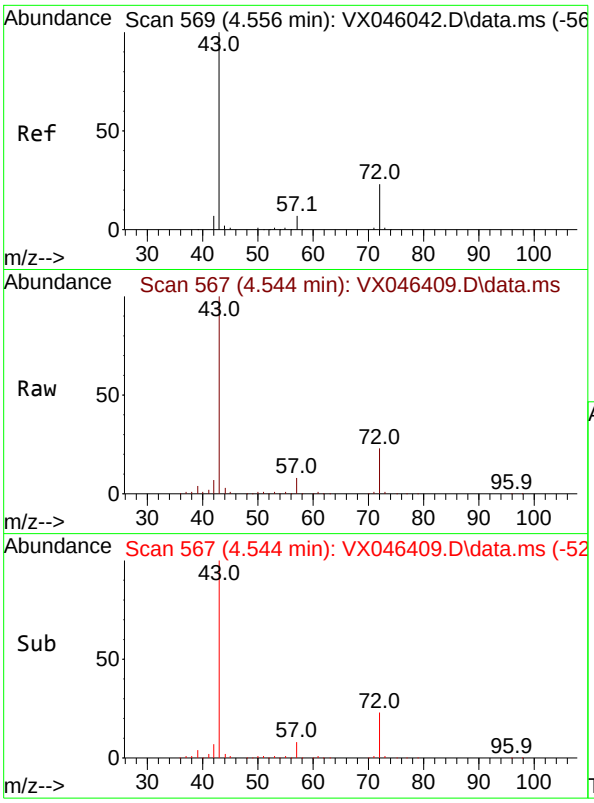


#24
1,1-Dichloroethane
Concen: 55.257 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 123217

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.0	2.1	6.3



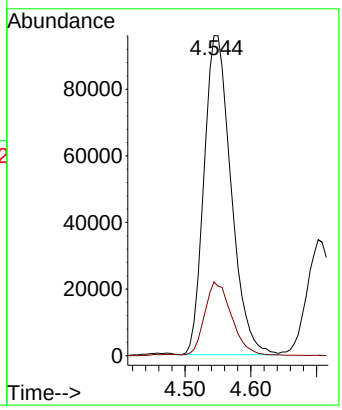


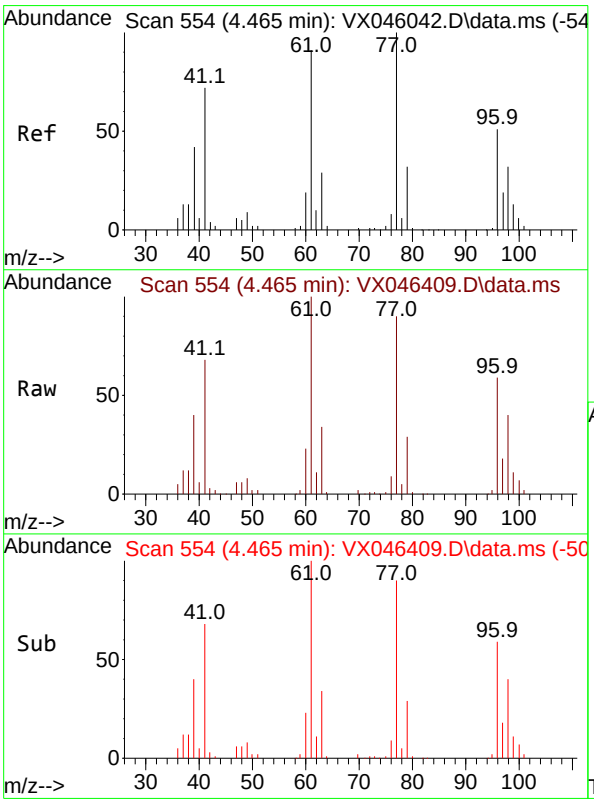
#25
2-Butanone
Concen: 276.566 ug/l
RT: 4.544 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 274497

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6

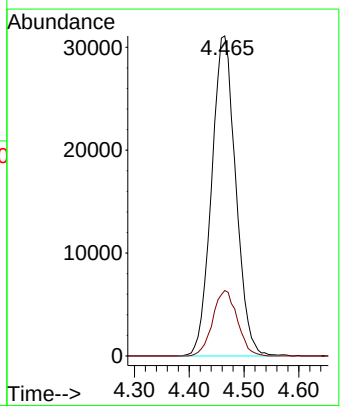


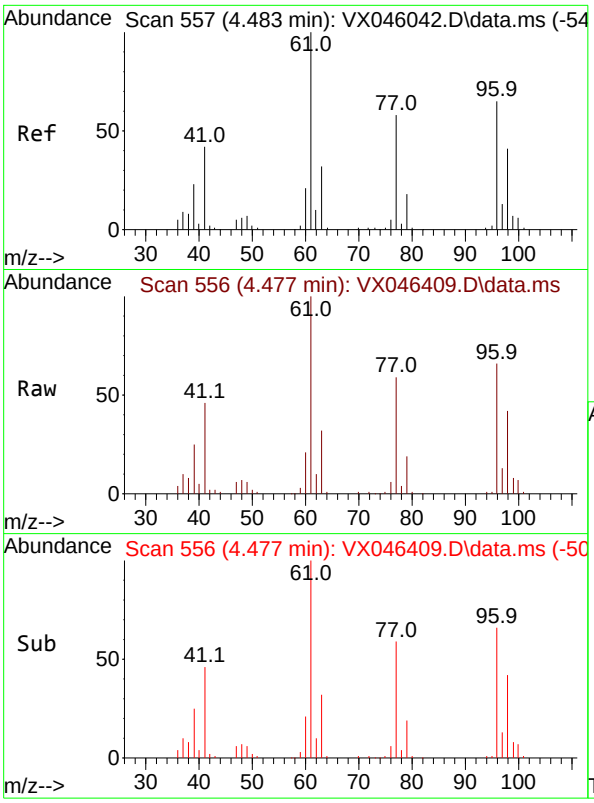


#26
2,2-Dichloropropane
Concen: 54.540 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 77 Resp: 95191

Ion	Ratio	Lower	Upper
77	100		
97	20.9	10.5	31.5



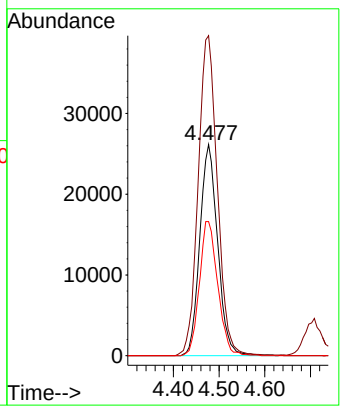


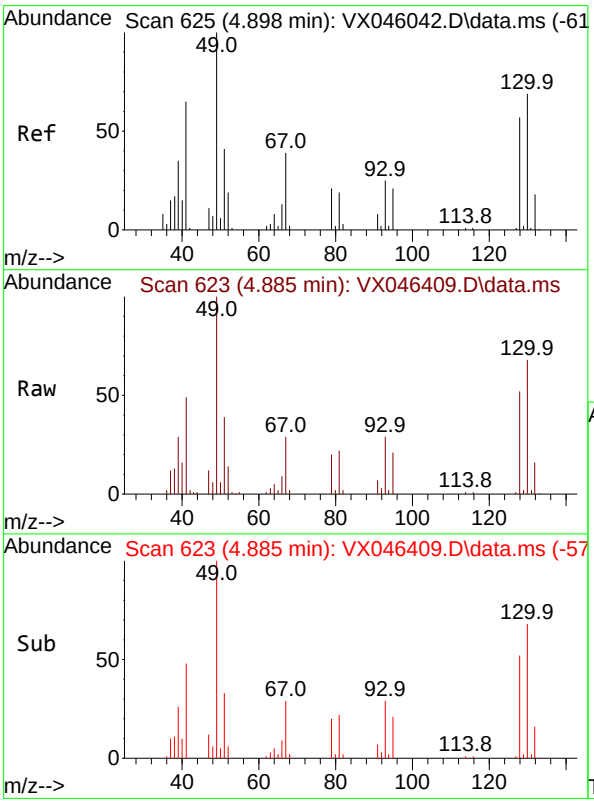
#27
cis-1,2-Dichloroethene
Concen: 54.202 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 71161

Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	322.8
98	65.2	0.0	129.0

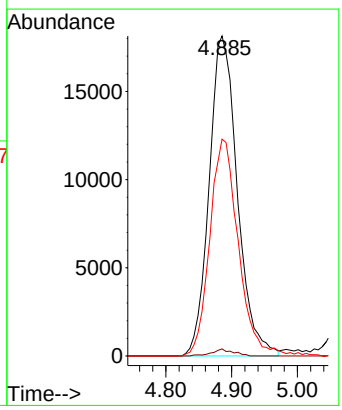


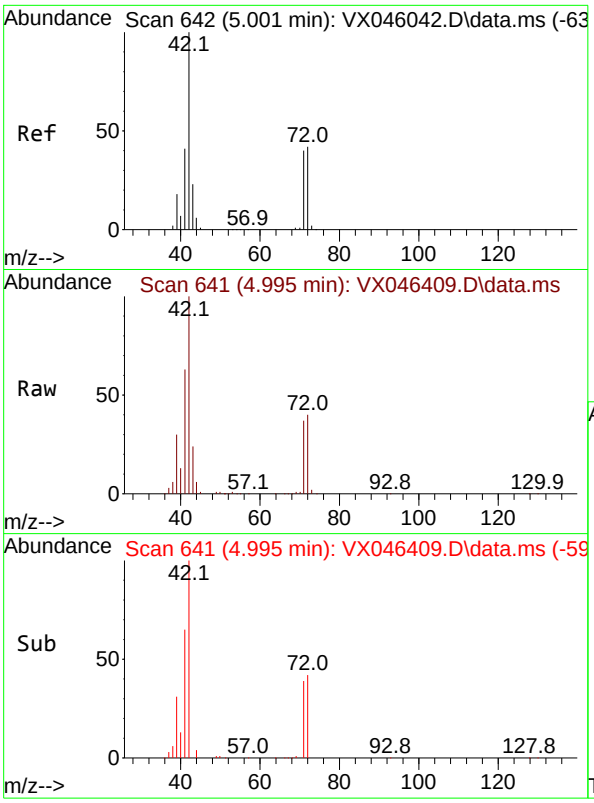


#28
Bromochloromethane
Concen: 50.407 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 49 Resp: 54104

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	68.9	56.2	84.2



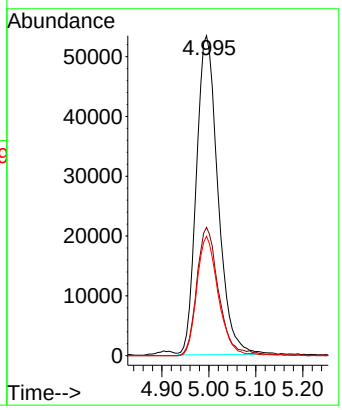


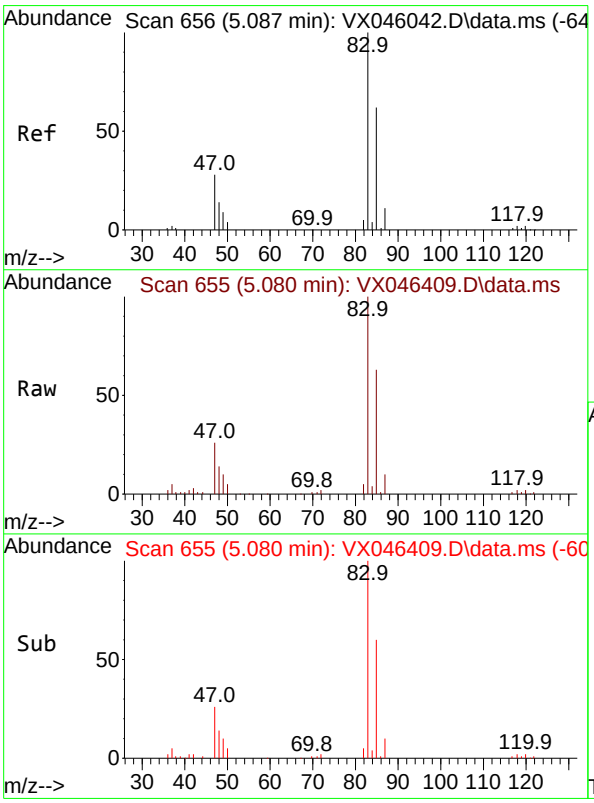
#29
Tetrahydrofuran
Concen: 273.726 ug/l
RT: 4.995 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 170240

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.7	50.5
71	37.2	31.4	47.2

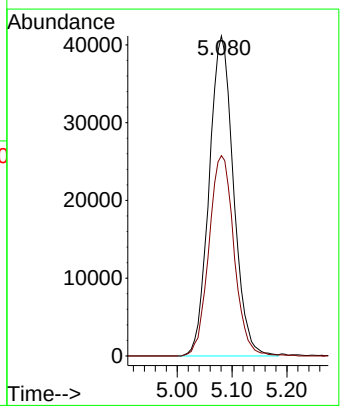


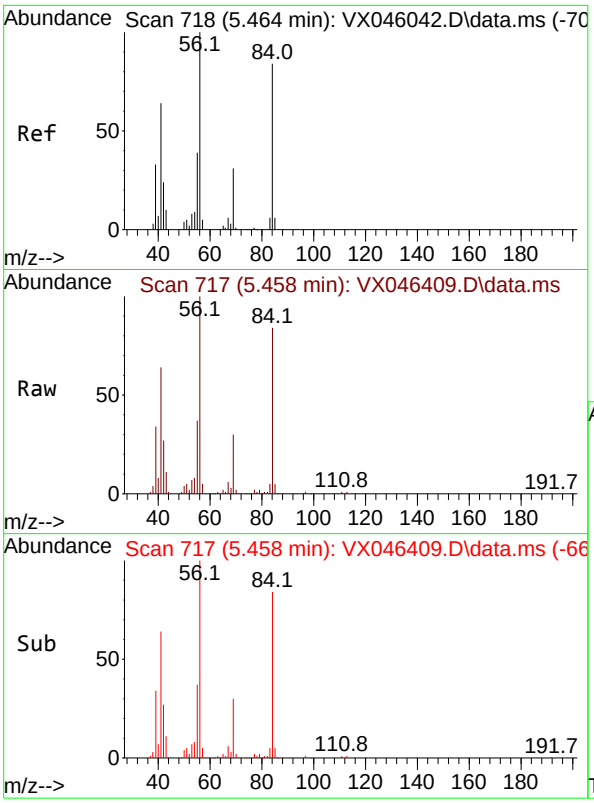


#30
Chloroform
Concen: 54.560 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 83 Resp: 126809

Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.3	73.9



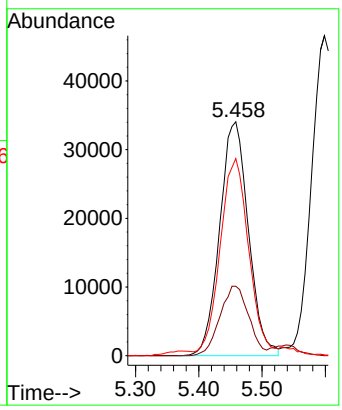


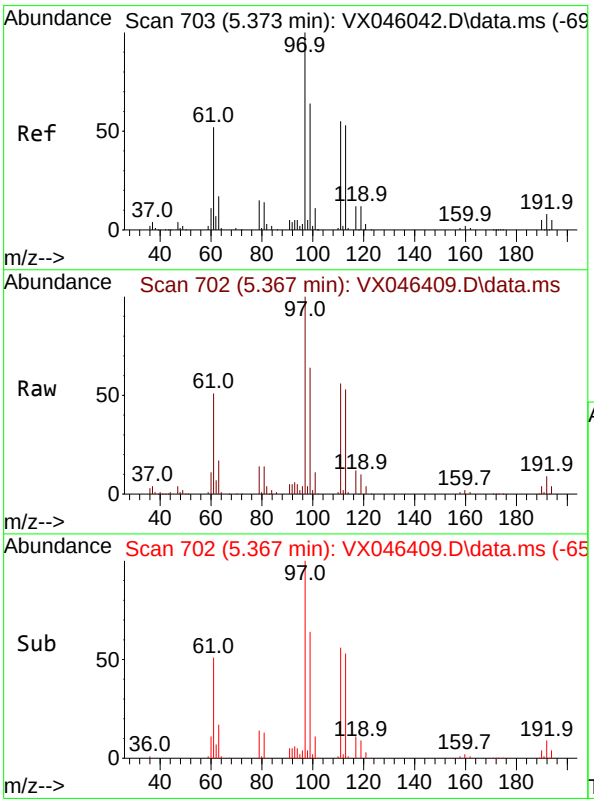
#31
Cyclohexane
Concen: 52.962 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 107618

Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.4	36.6
84	82.3	66.9	100.3

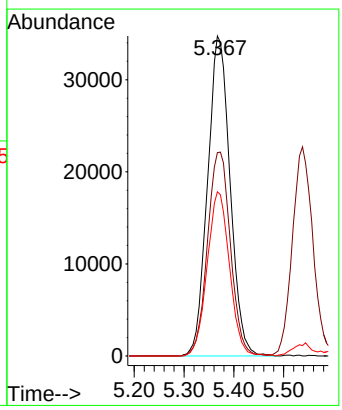


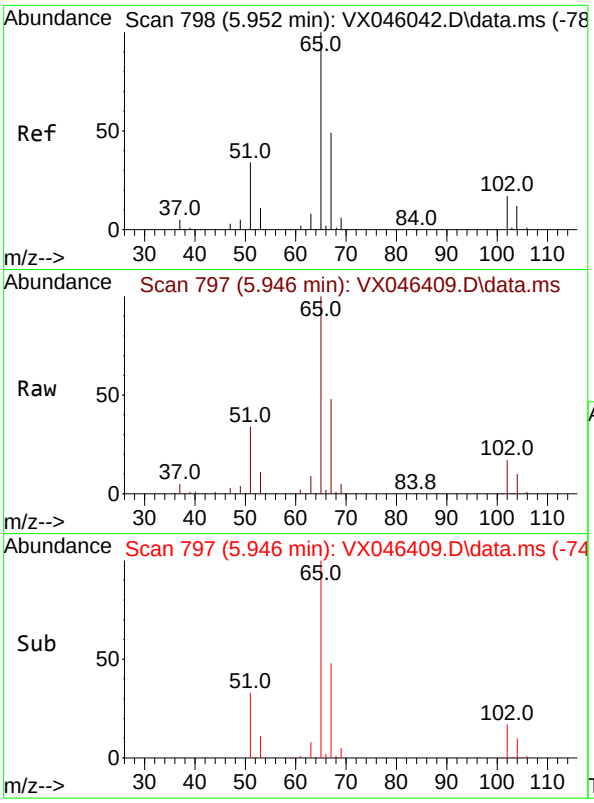


#32
1,1,1-Trichloroethane
Concen: 54.032 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 97 Resp: 108862

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	51.1	40.1	60.1



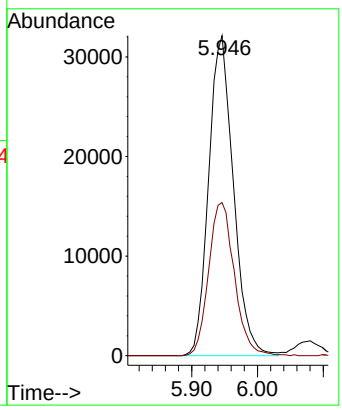


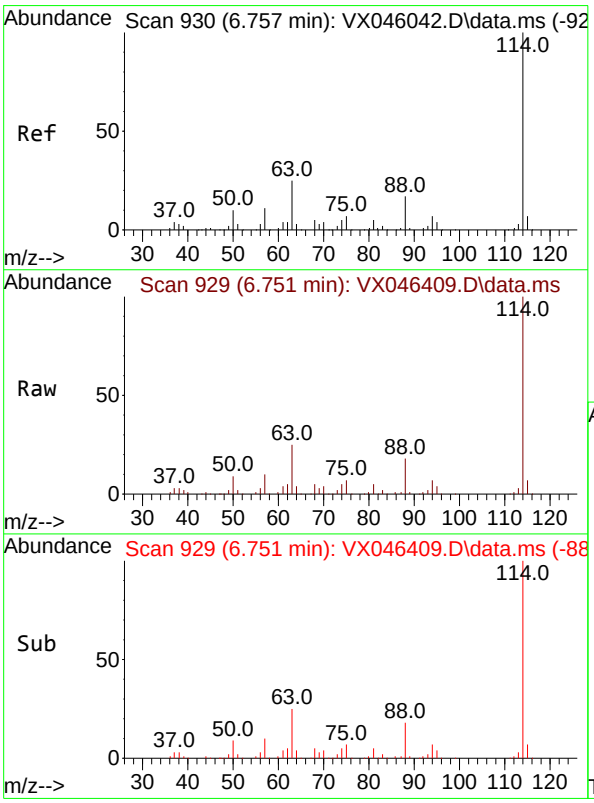
#33
1,2-Dichloroethane-d4
Concen: 49.342 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 84132

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0

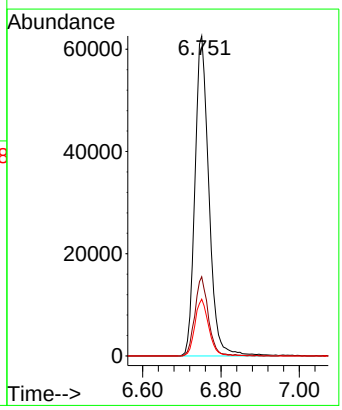


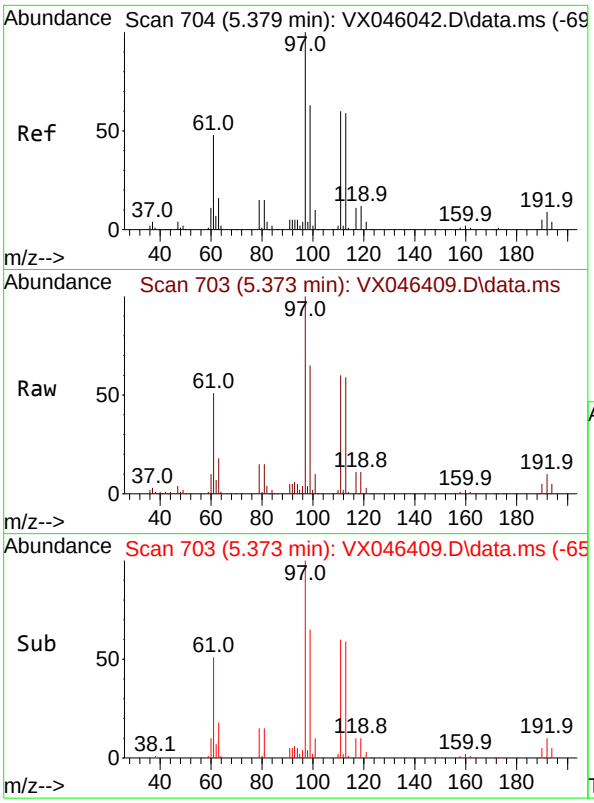


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:114 Resp: 155659

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.7	0.0	33.6



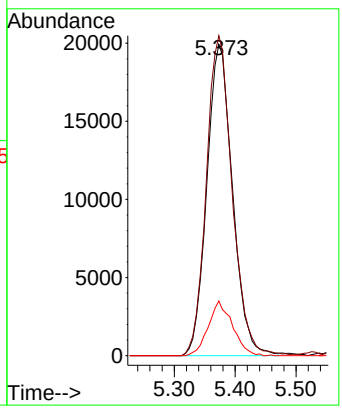


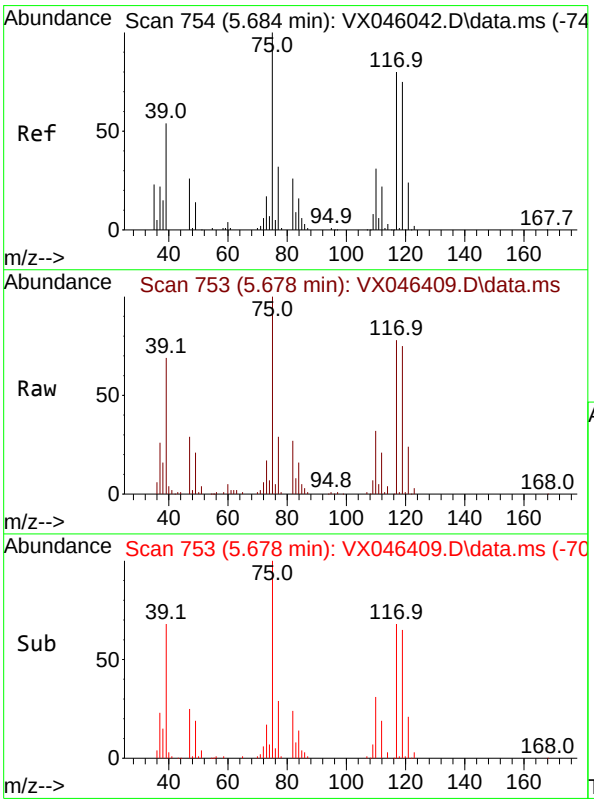
#35
Dibromofluoromethane
Concen: 52.055 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 58349

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.6	13.3	19.9

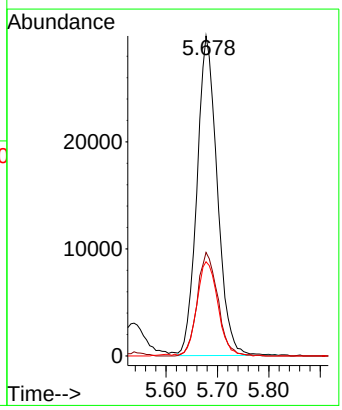


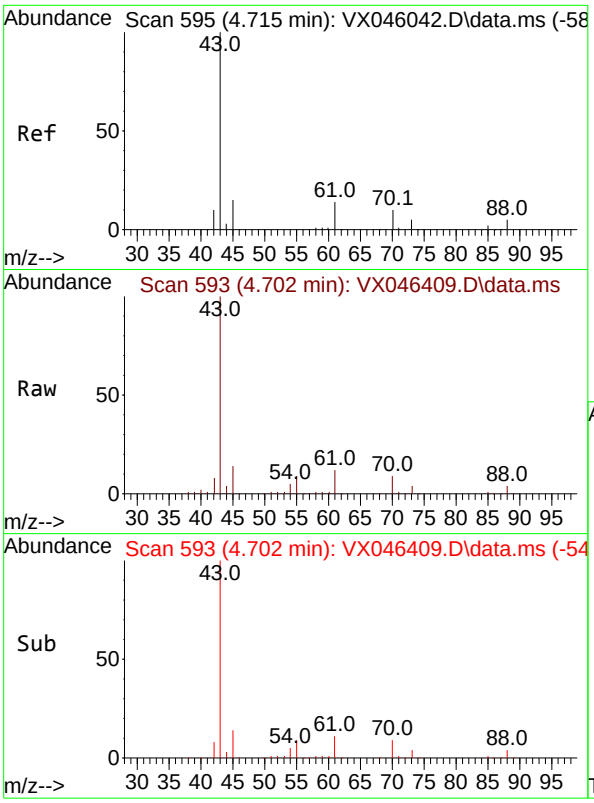


#36
1,1-Dichloropropene
Concen: 54.361 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 81871

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	30.8	24.3	36.5



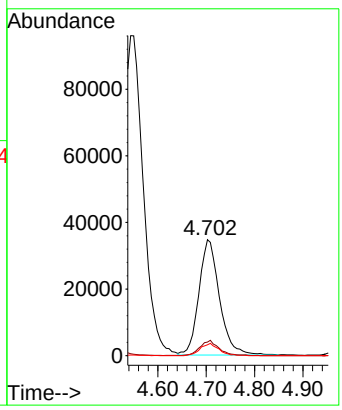


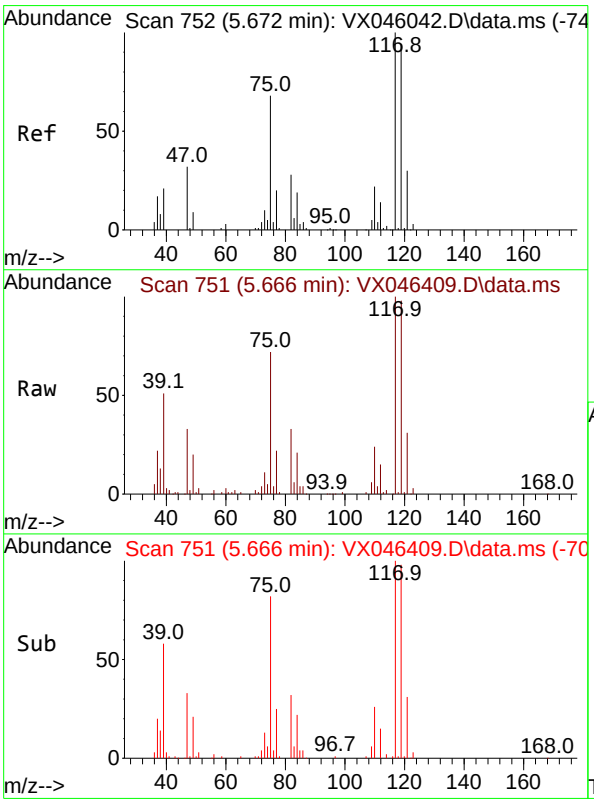
#37
Ethyl Acetate
Concen: 54.982 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 102307

Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.7	7.9	11.9

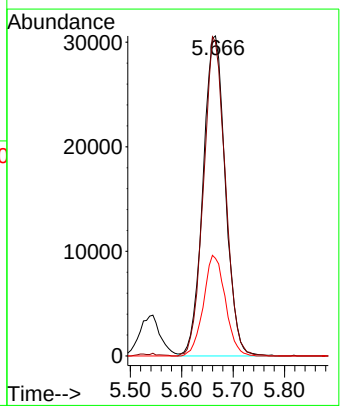


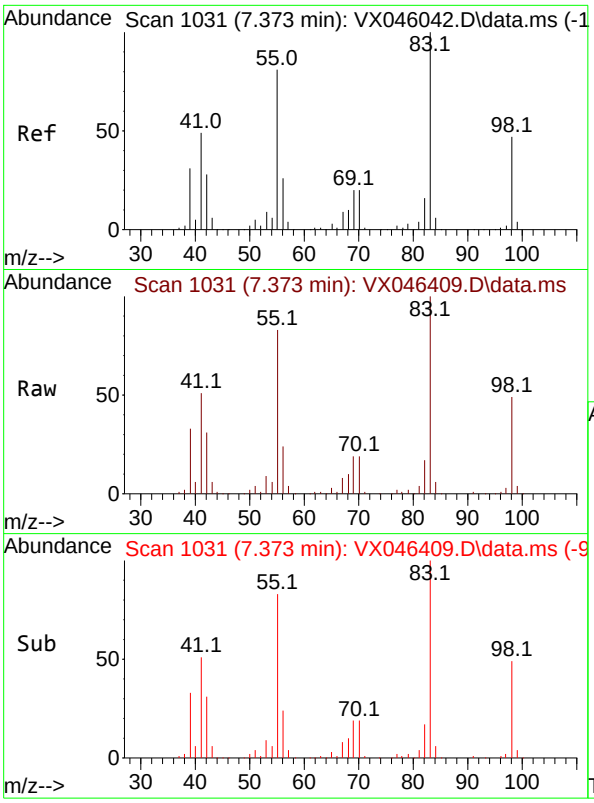


#38
Carbon Tetrachloride
Concen: 54.528 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:117 Resp: 92271

Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.2	112.8
121	30.5	24.2	36.4



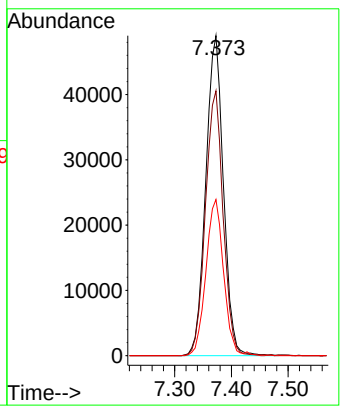


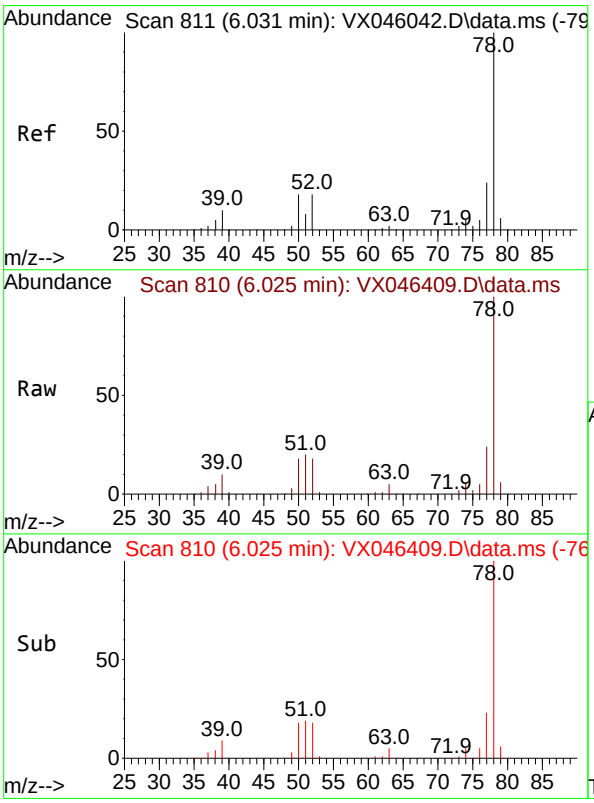
#39
Methylcyclohexane
Concen: 54.488 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 105648

Ion	Ratio	Lower	Upper
83	100		
55	82.8	64.7	97.1
98	48.8	37.4	56.2

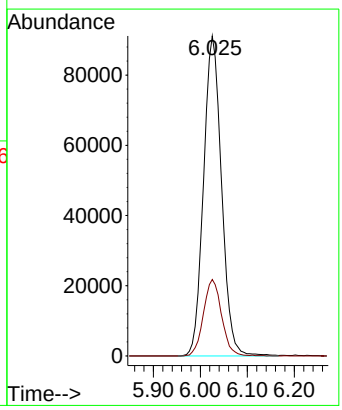


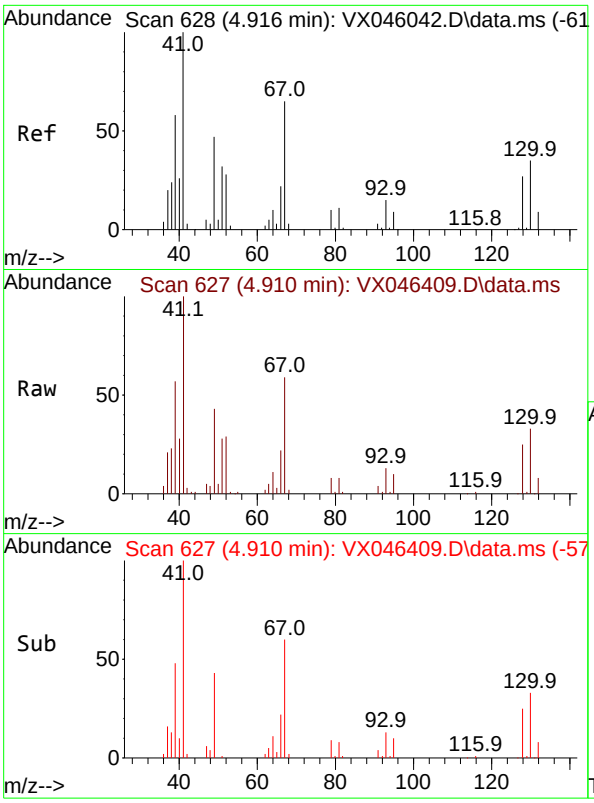


#40
Benzene
Concen: 54.919 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 78 Resp: 242267

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4



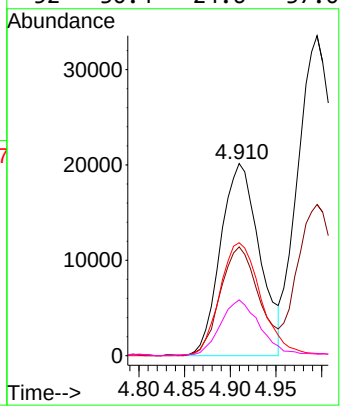


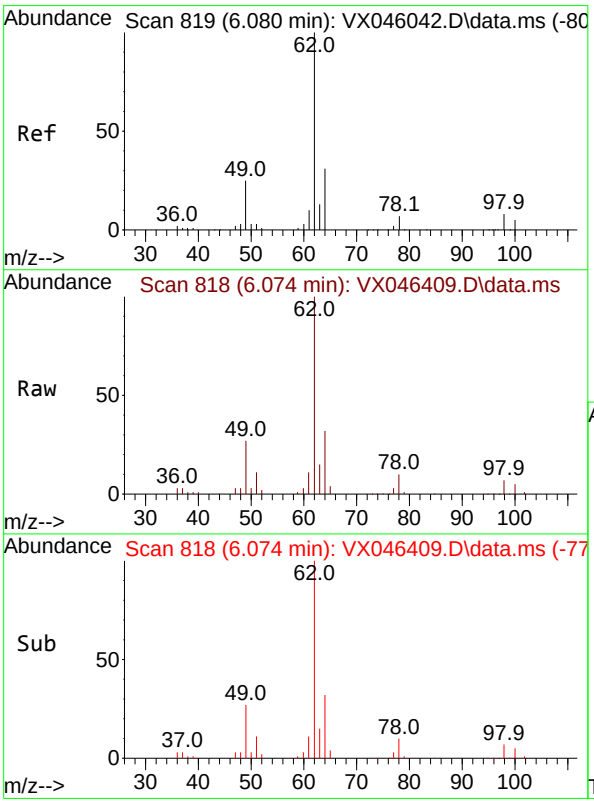
#41
Methacrylonitrile
Concen: 61.507 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 59869

Ion	Ratio	Lower	Upper
41	100		
39	56.4	47.2	70.8
67	62.3	50.7	76.1
52	30.4	24.6	37.0

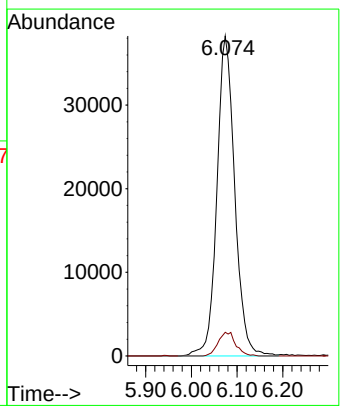


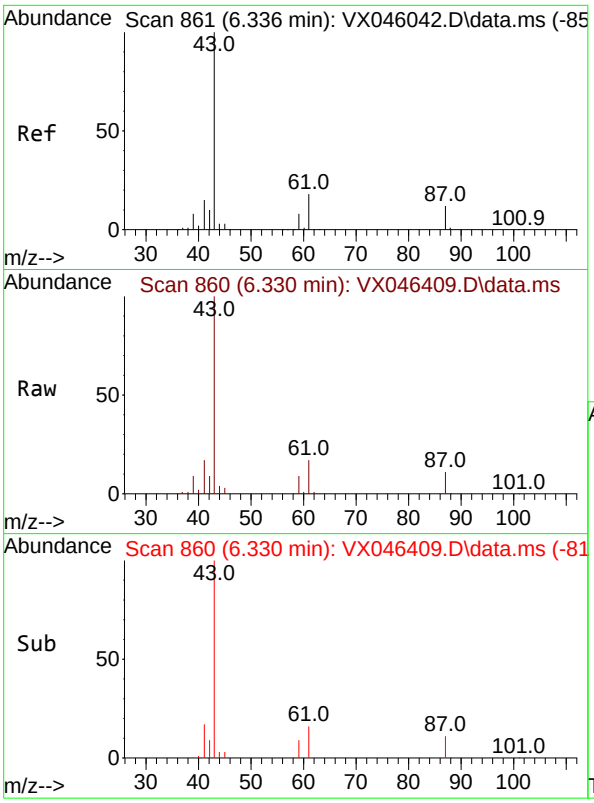


#42
1,2-Dichloroethane
Concen: 54.429 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 62 Resp: 103627

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2



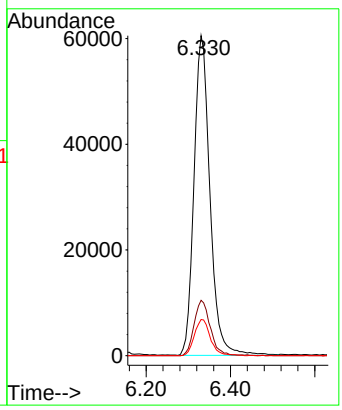


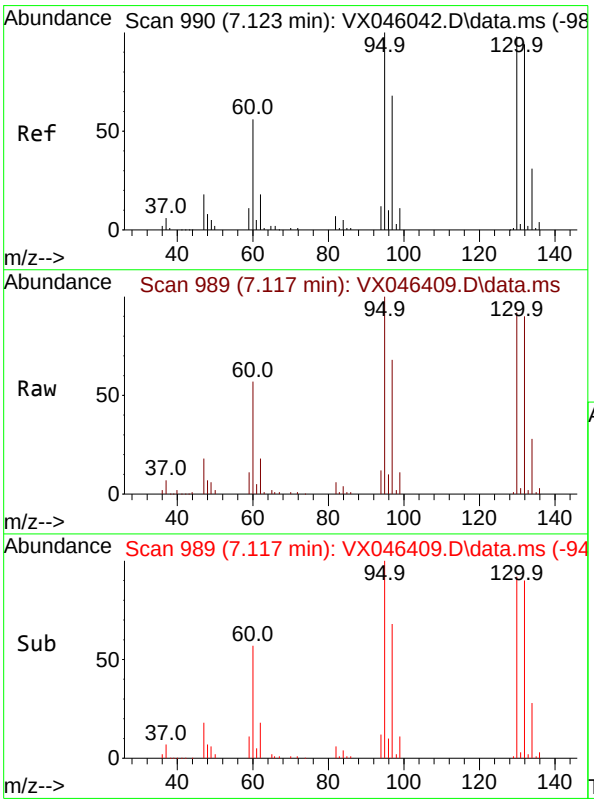
#43
Isopropyl Acetate
Concen: 56.197 ug/l
RT: 6.330 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 159524

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.3	21.5
87	11.3	9.5	14.3

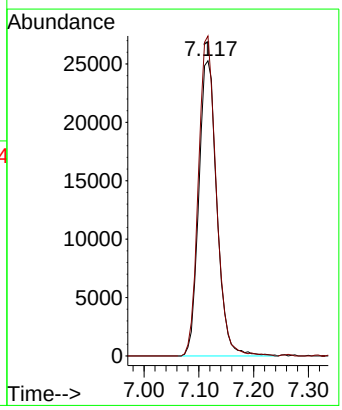


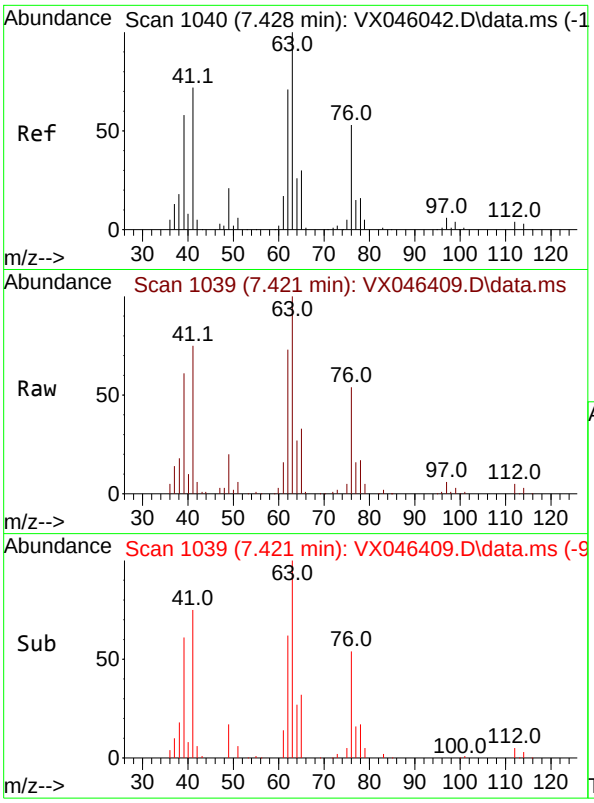


#44
Trichloroethene
Concen: 54.691 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:130 Resp: 58068

Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	204.2



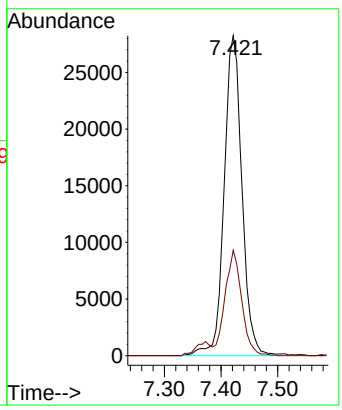


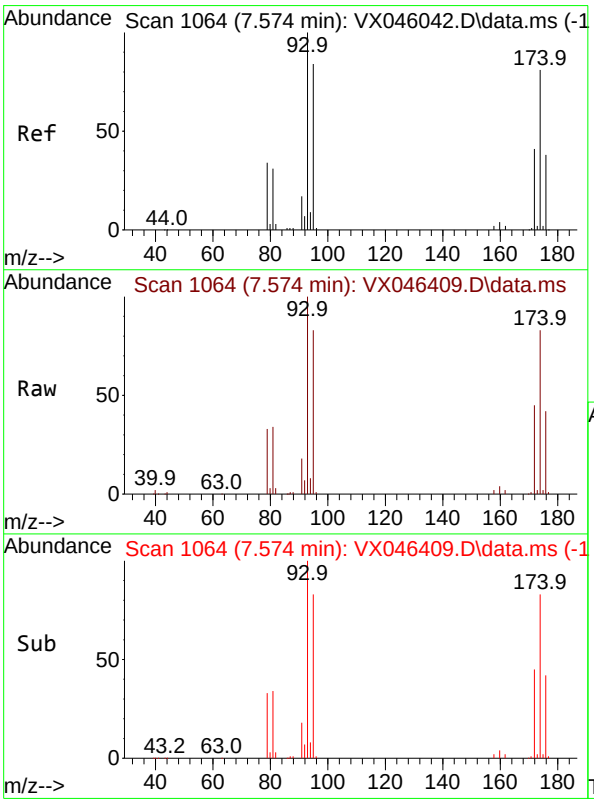
#45
1,2-Dichloropropane
Concen: 56.068 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 61502

Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.1	36.1

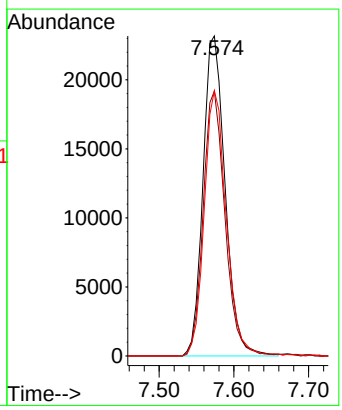


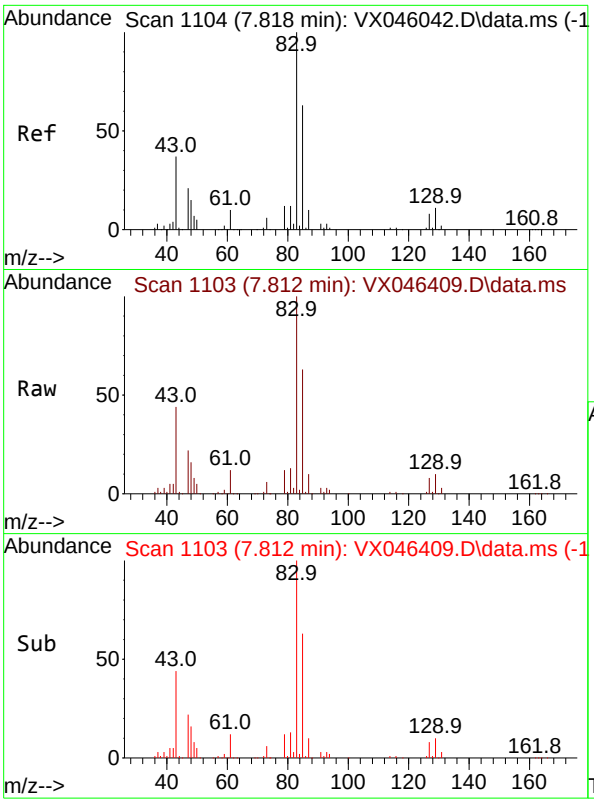


#46
Dibromomethane
Concen: 54.974 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 93 Resp: 47561

Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.6	98.4
174	83.1	68.2	102.2



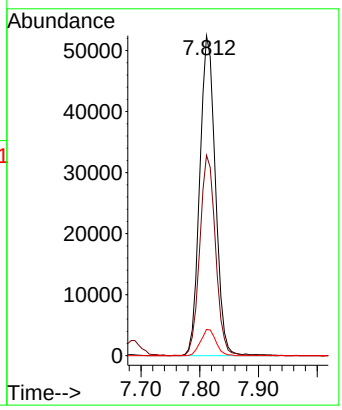


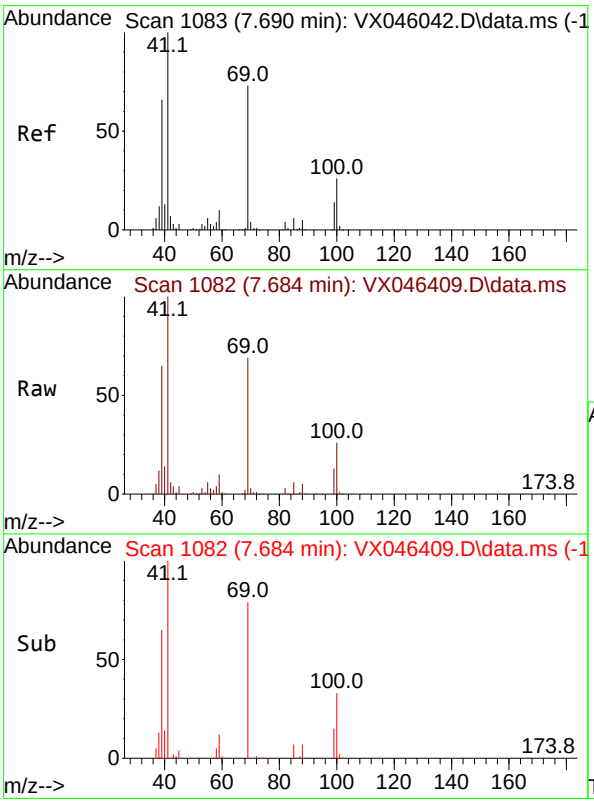
#47
Bromodichloromethane
Concen: 56.841 ug/l
RT: 7.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96856

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.5	75.7
127	8.2	6.5	9.7

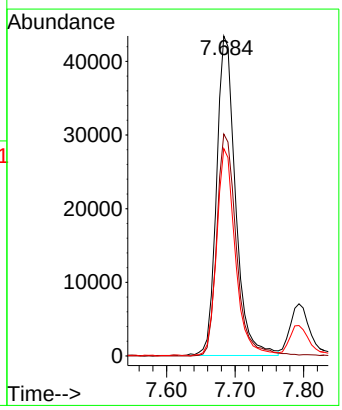


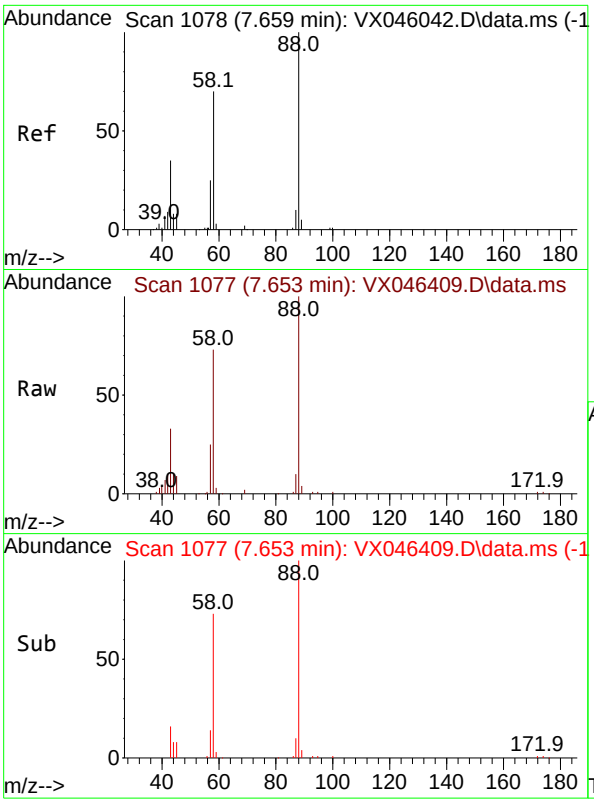


#48
Methyl methacrylate
Concen: 57.410 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 83228

Ion	Ratio	Lower	Upper
41	100		
69	71.8	58.5	87.7
39	64.3	51.7	77.5



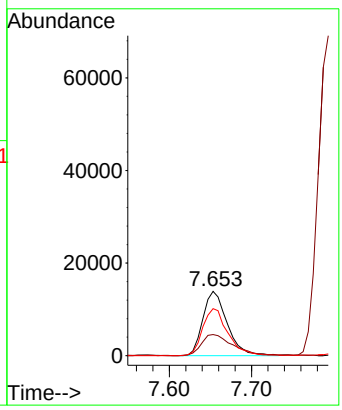


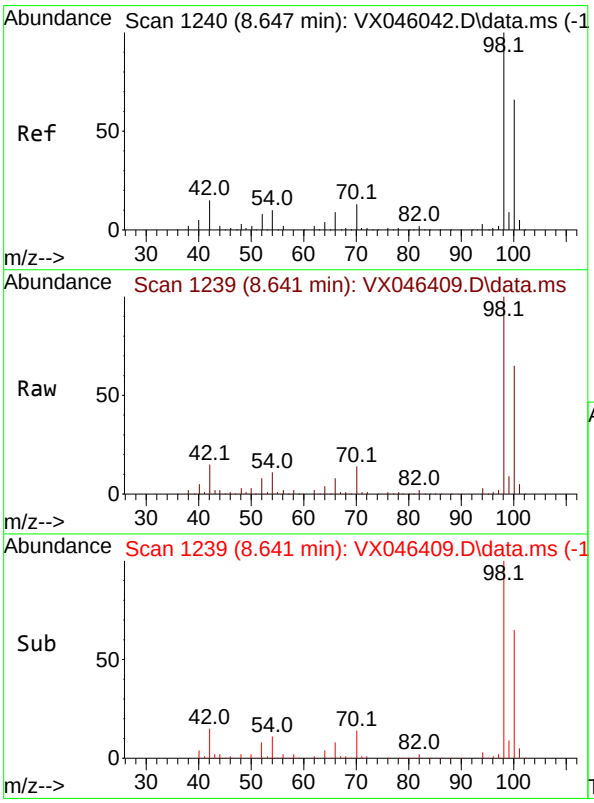
#49
1,4-Dioxane
Concen: 1035.118 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 28493

Ion	Ratio	Lower	Upper
88	100		
43	43.2	33.4	50.2
58	75.9	58.6	88.0

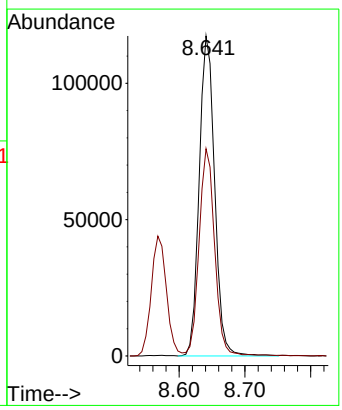


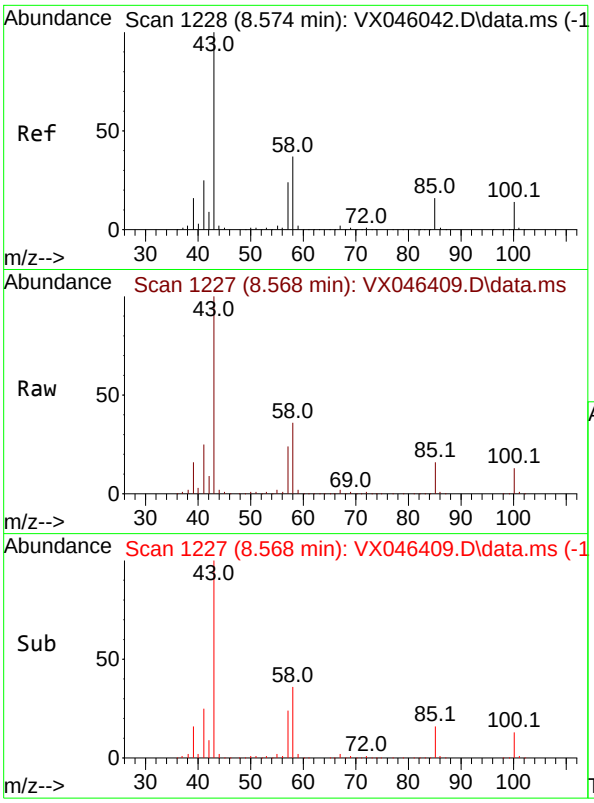


#50
Toluene-d8
Concen: 49.472 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 98 Resp: 191933

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.5	80.3



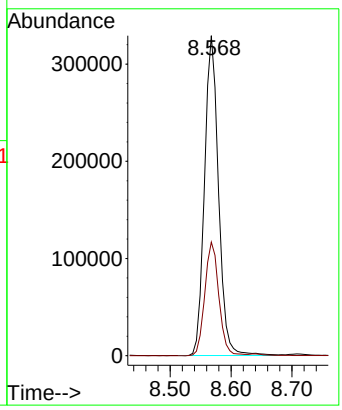


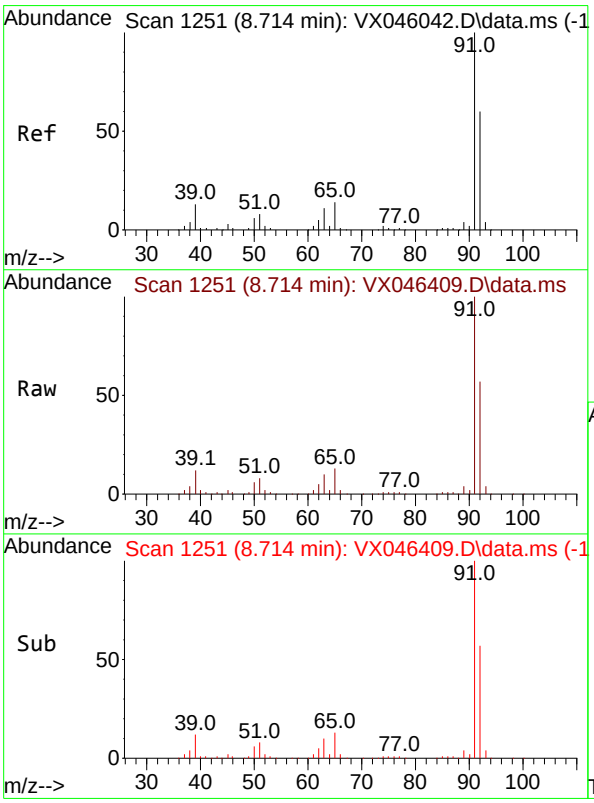
#51
4-Methyl-2-Pentanone
Concen: 280.055 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 527696

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.9	43.3

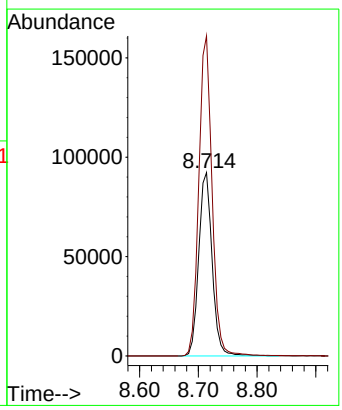


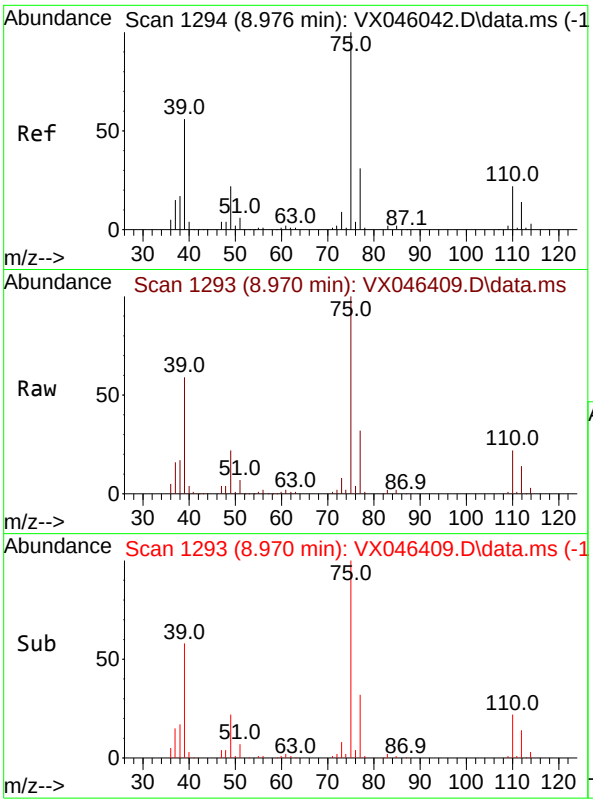


#52
Toluene
Concen: 54.121 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 92 Resp: 146396

Ion	Ratio	Lower	Upper
92	100		
91	172.6	136.6	205.0



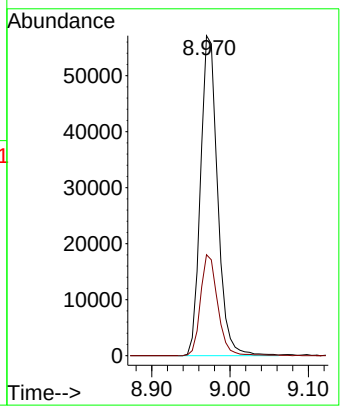


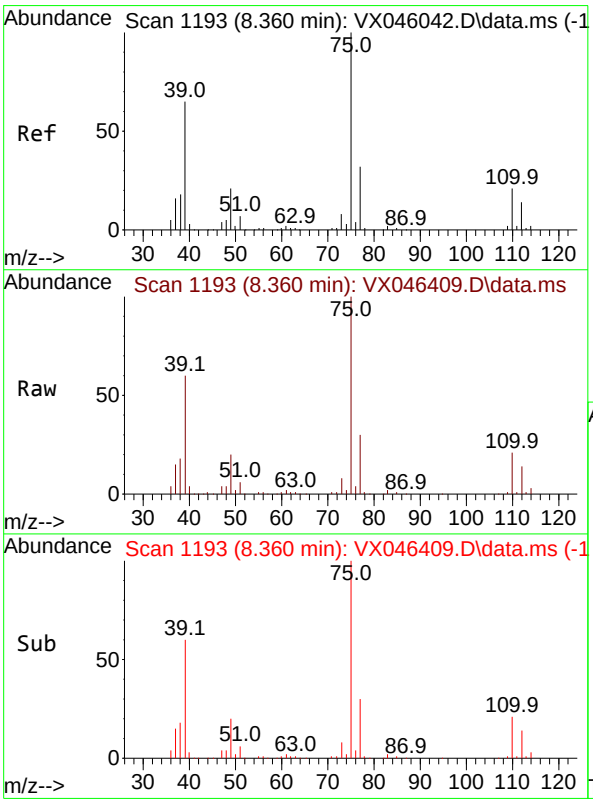
#53
t-1,3-Dichloropropene
Concen: 57.024 ug/l
RT: 8.970 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 86367

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6

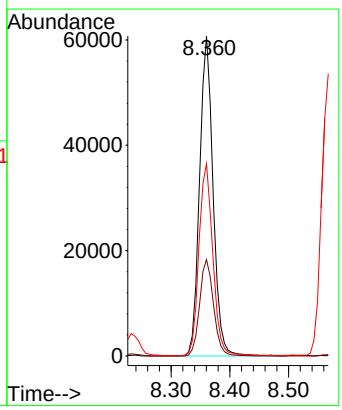


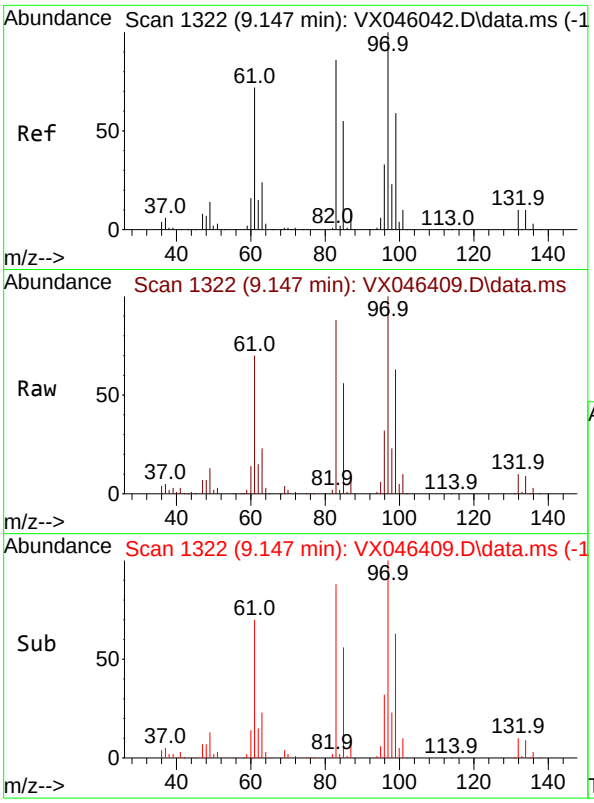


#54
cis-1,3-Dichloropropene
Concen: 57.712 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 96608

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0
39	59.9	52.2	78.4



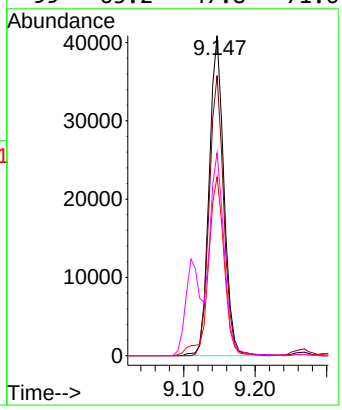


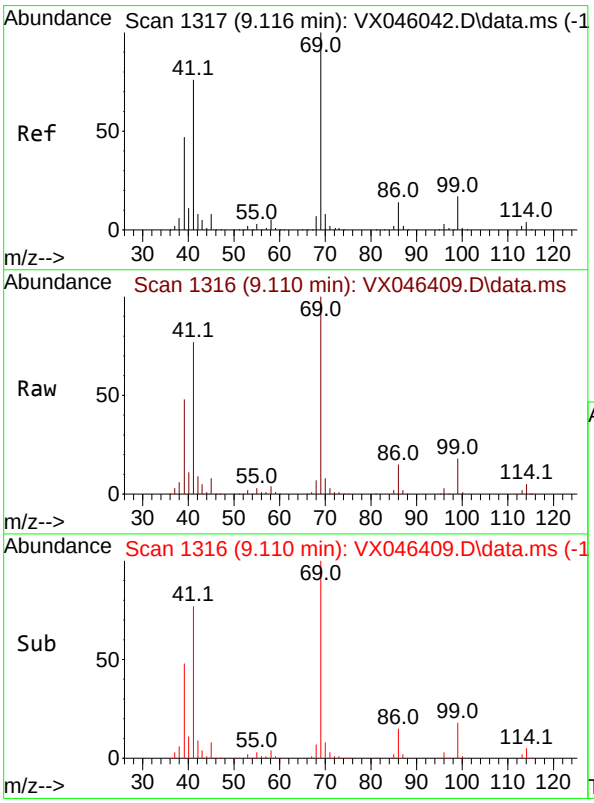
#55
1,1,2-Trichloroethane
Concen: 54.934 ug/l
RT: 9.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 58592

Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.7	44.3	66.5
99	63.2	47.8	71.6

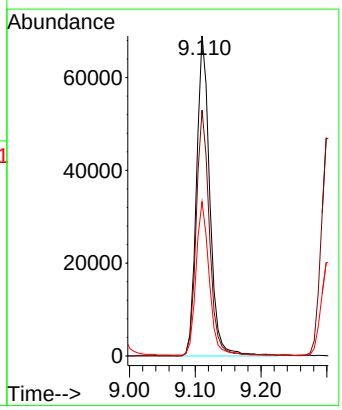


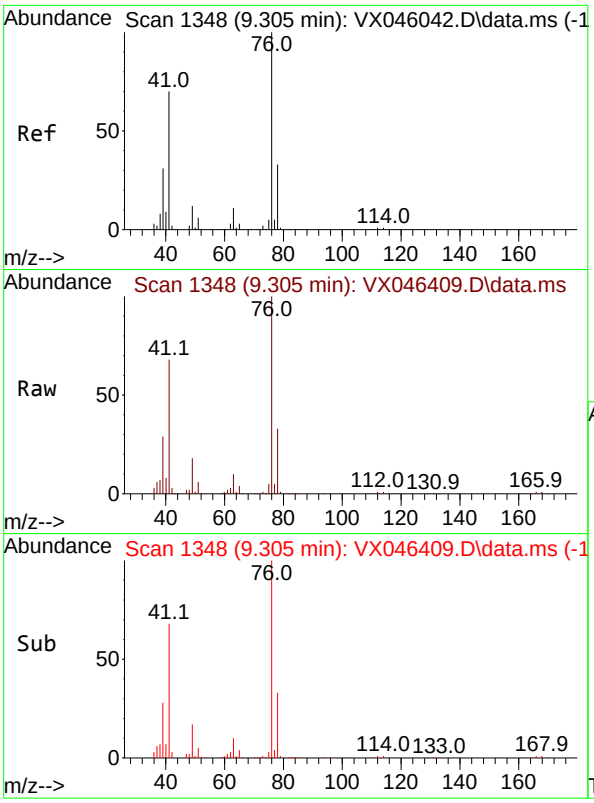


#56
Ethyl methacrylate
Concen: 57.126 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 69 Resp: 97109

Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.8	91.2
39	48.3	39.0	58.6



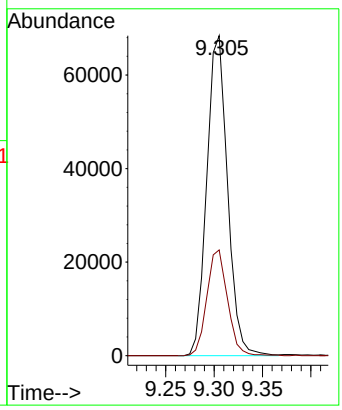


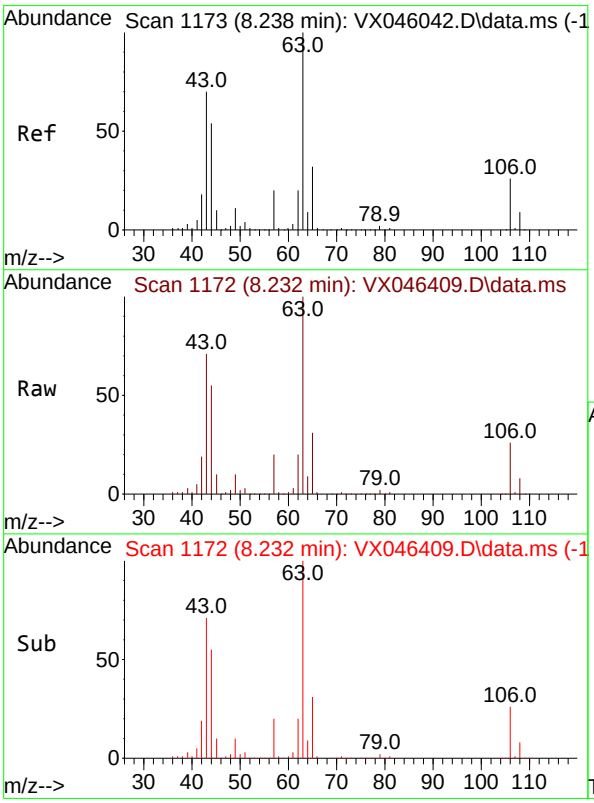
#57
1,3-Dichloropropane
Concen: 53.435 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 102354

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.3	39.5

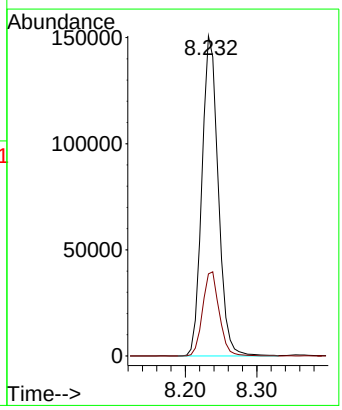


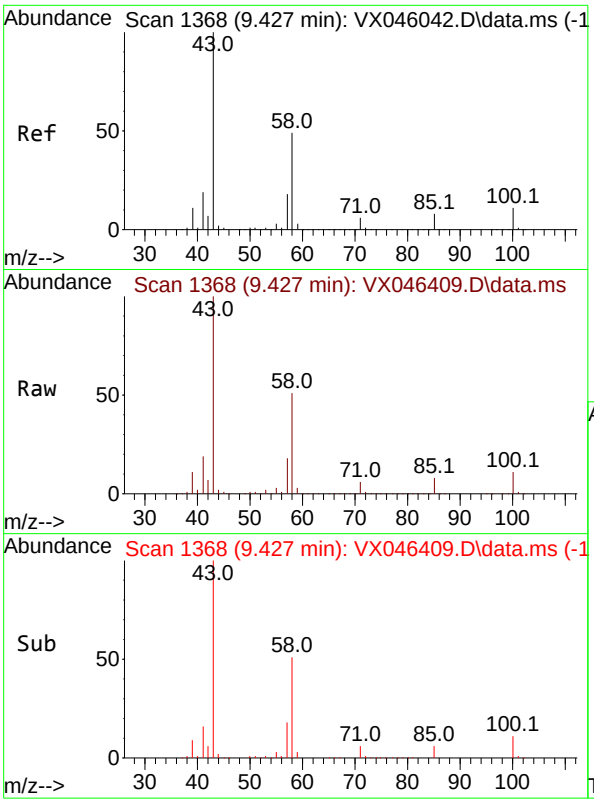


#58
2-Chloroethyl Vinyl ether
Concen: 275.903 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 239108

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.5	32.3



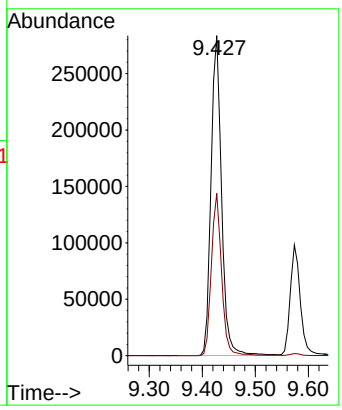


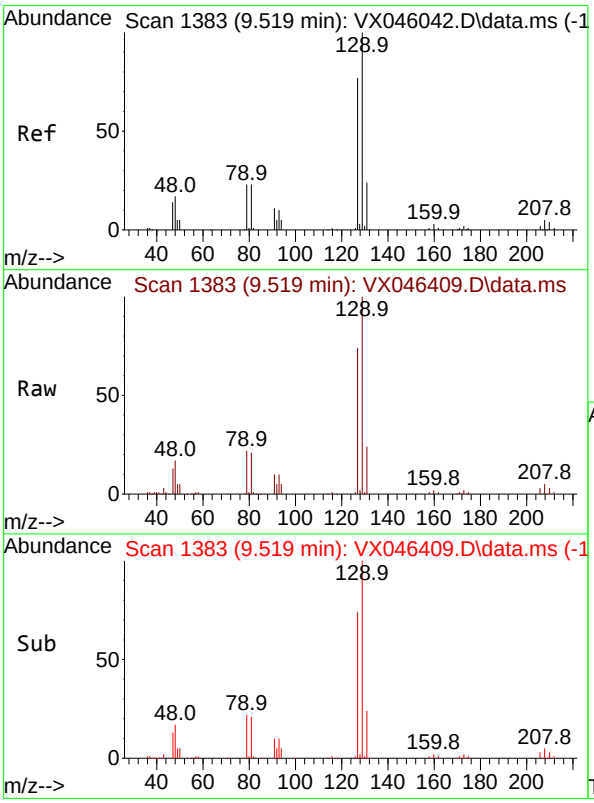
#59
2-Hexanone
Concen: 280.812 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 391463

Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.9	74.6

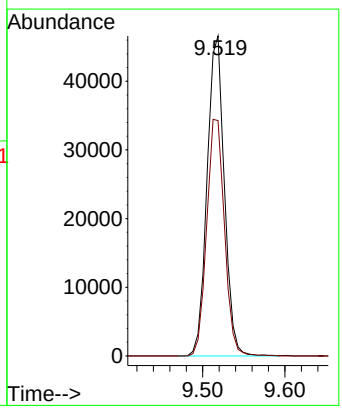


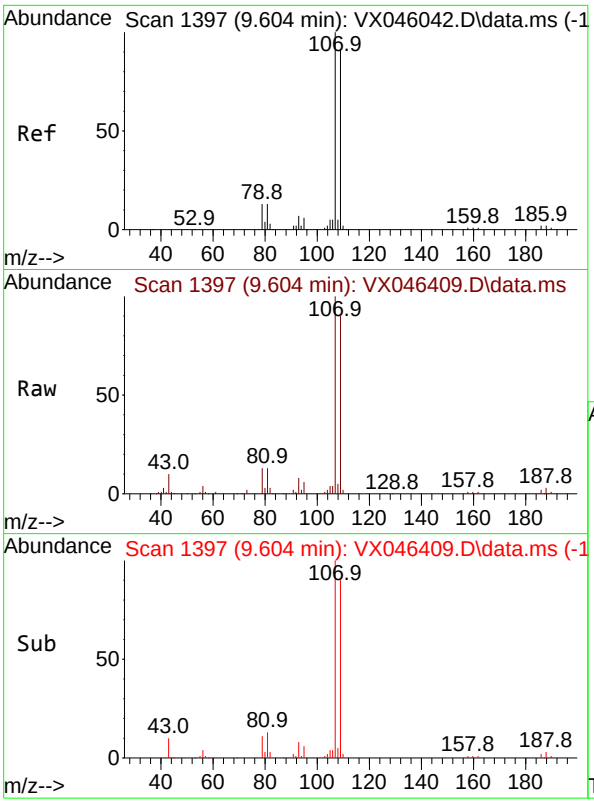


#60
Dibromochloromethane
Concen: 57.902 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:129 Resp: 67824

Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.3	117.8



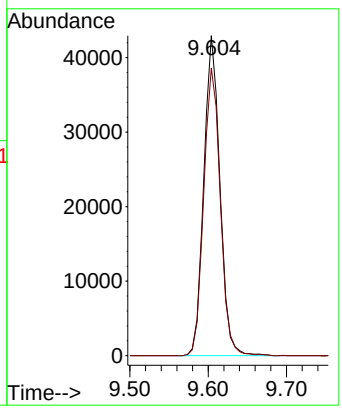


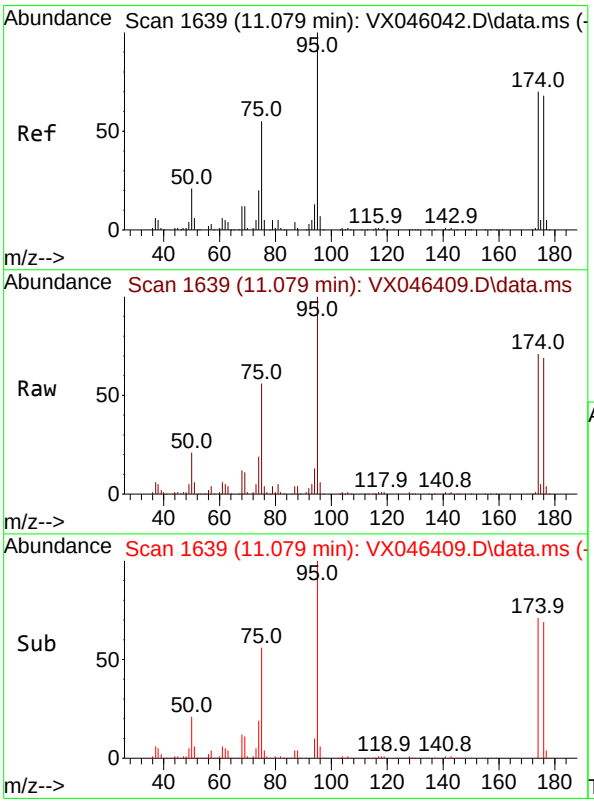
#61
1,2-Dibromoethane
Concen: 55.163 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 61152

Ion	Ratio	Lower	Upper
107	100		
109	92.8	73.3	109.9

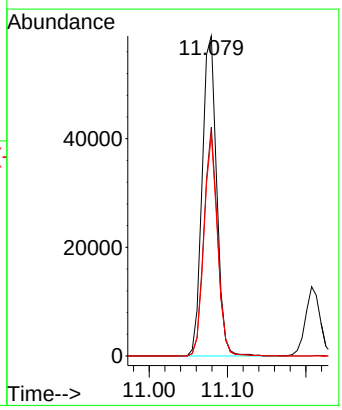


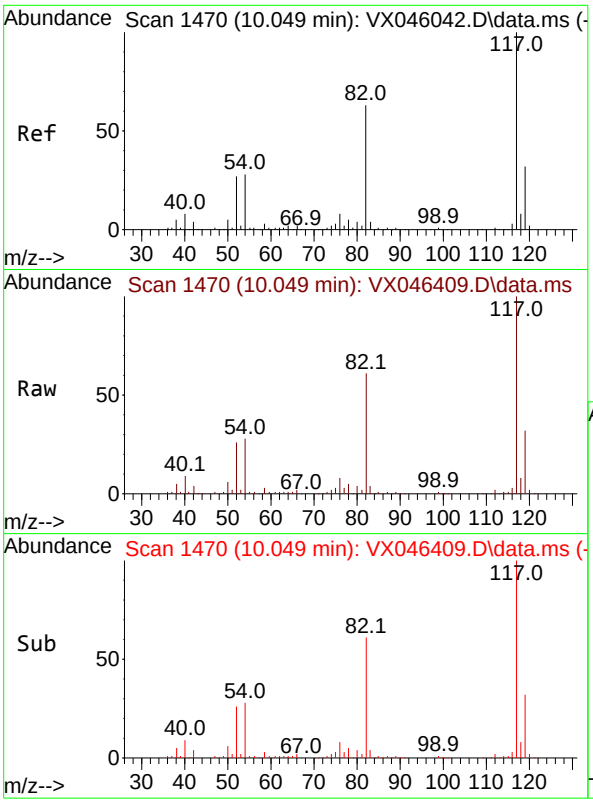


#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 95 Resp: 75501

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	64.6	0.0	131.4



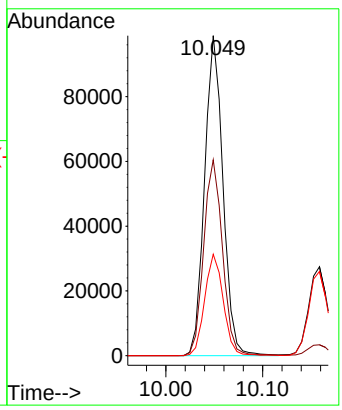


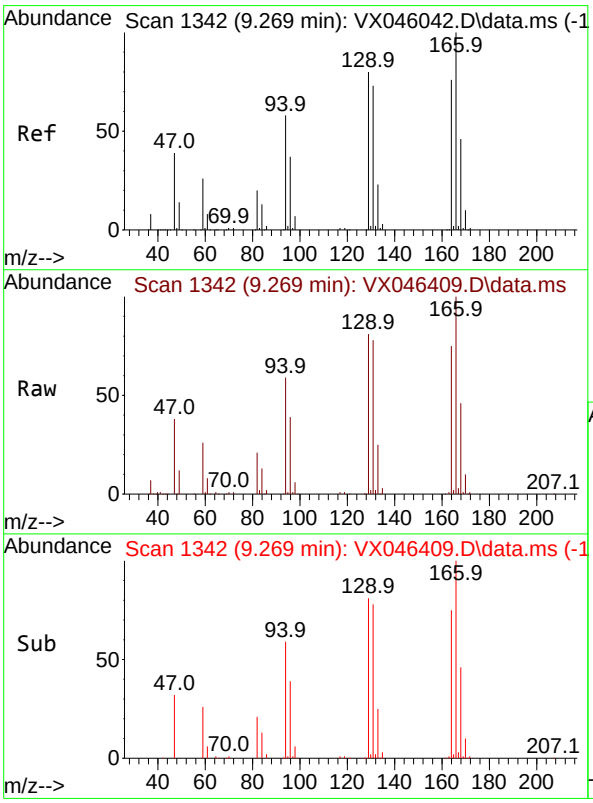
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 130840

Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	31.7	25.8	38.6

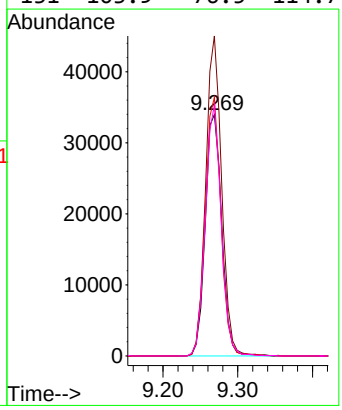


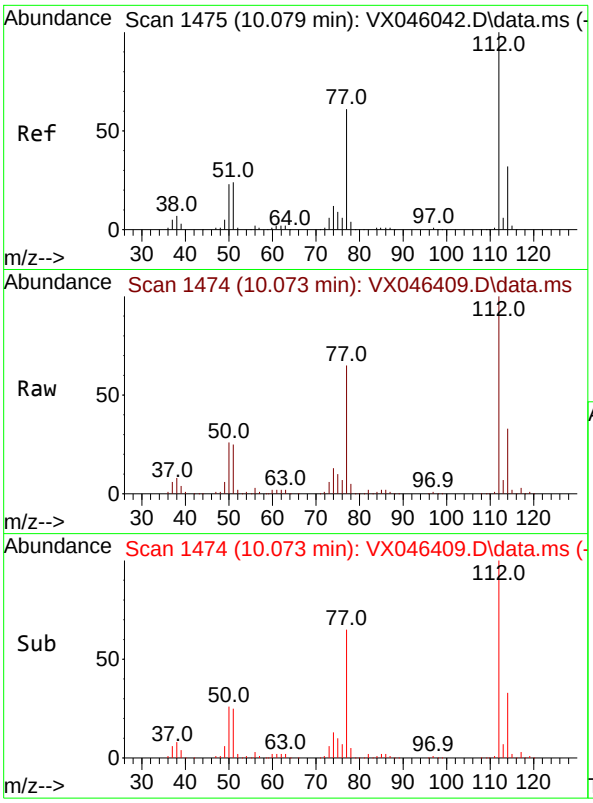


#64
Tetrachloroethene
Concen: 56.142 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:164 Resp: 51973

Ion	Ratio	Lower	Upper
164	100		
166	132.6	105.0	157.6
129	107.2	83.5	125.3
131	103.9	76.5	114.7



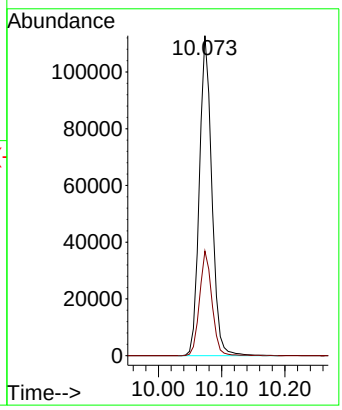


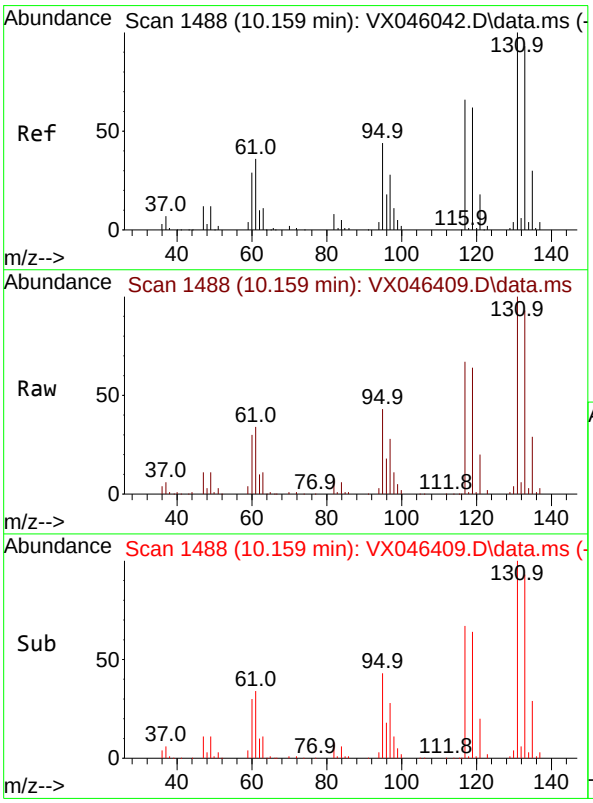
#65
Chlorobenzene
Concen: 54.044 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 154770

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.2

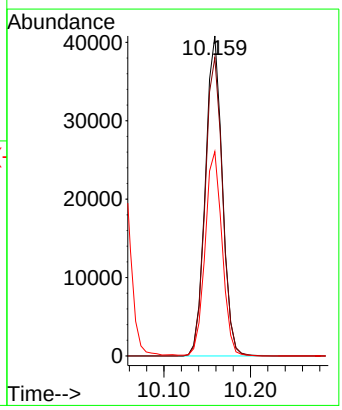


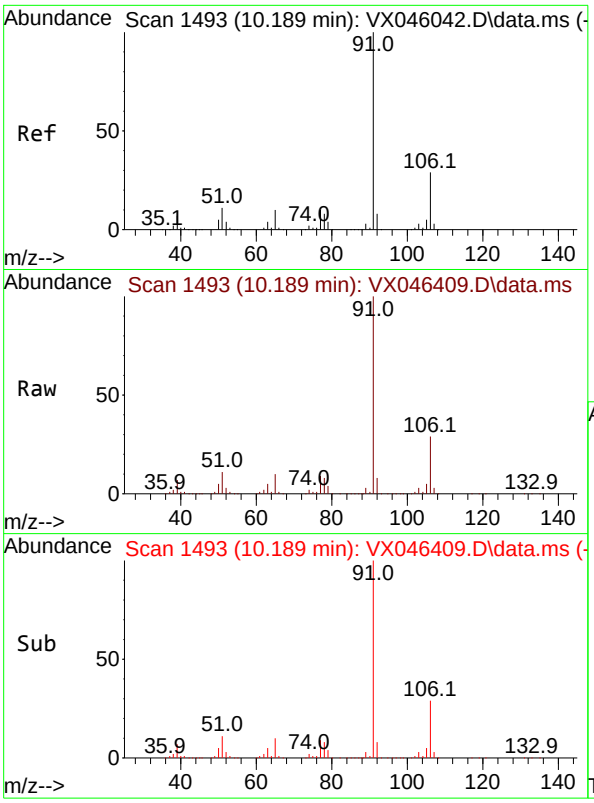


#66
1,1,1,2-Tetrachloroethane
Concen: 56.685 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:131 Resp: 55431

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	141.9
119	64.1	31.6	95.0



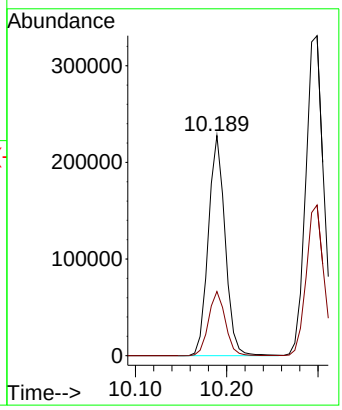


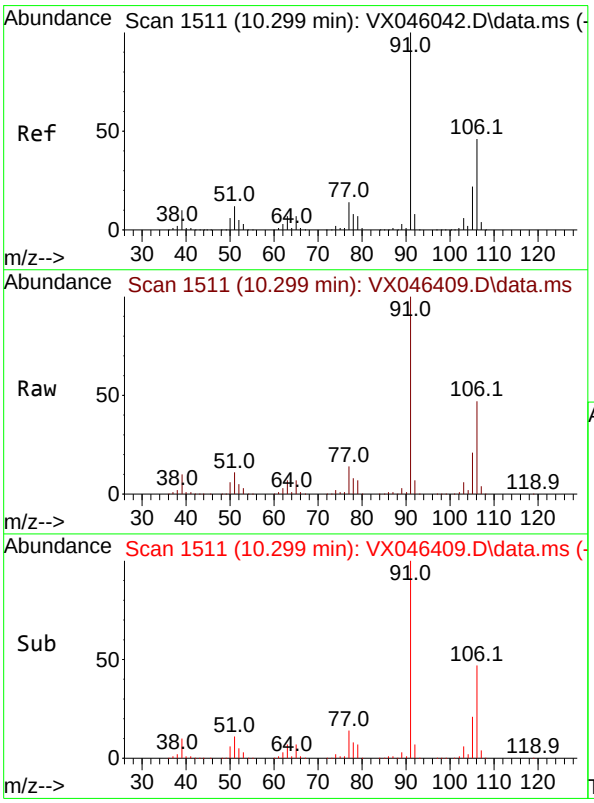
#67
Ethyl Benzene
Concen: 57.284 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 289173

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.4	35.2

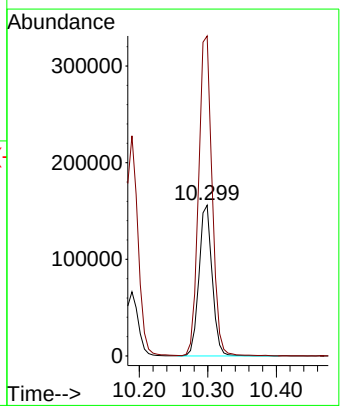


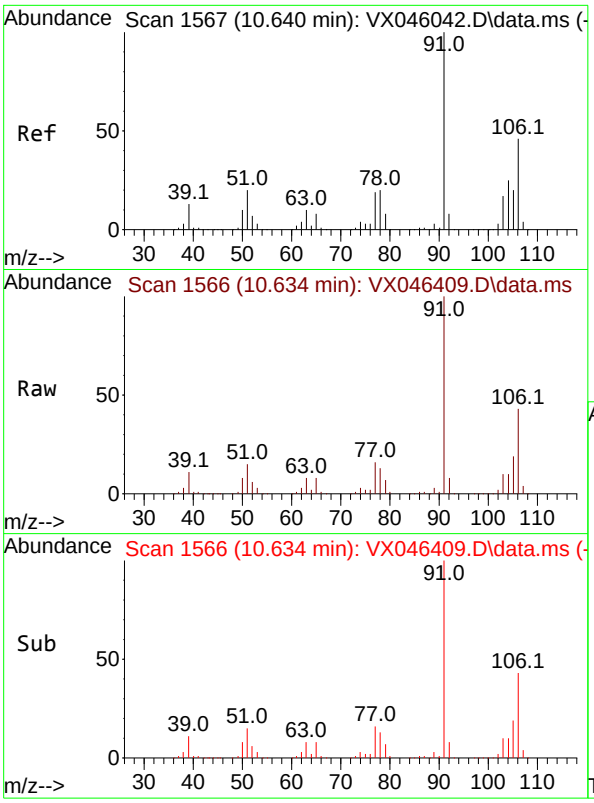


#68
m/p-Xylenes
Concen: 113.281 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:106 Resp: 209150

Ion	Ratio	Lower	Upper
106	100		
91	217.8	171.2	256.8



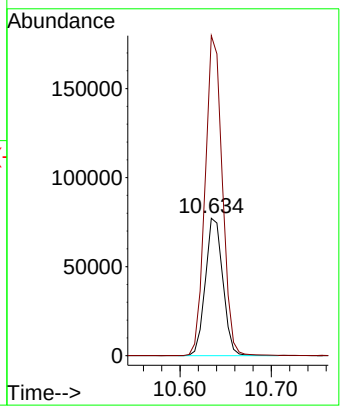


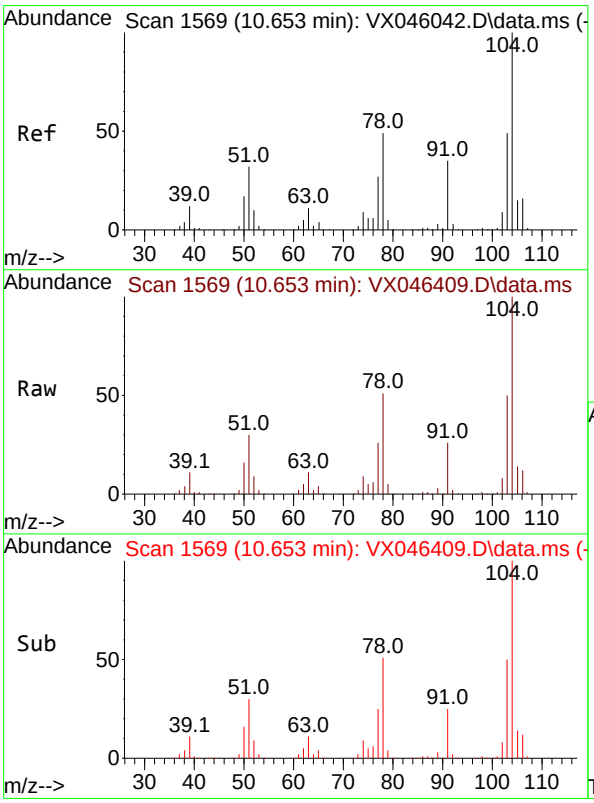
#69
o-Xylene
Concen: 56.842 ug/l
RT: 10.634 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102312

Ion	Ratio	Lower	Upper
106	100		
91	229.3	112.7	338.1

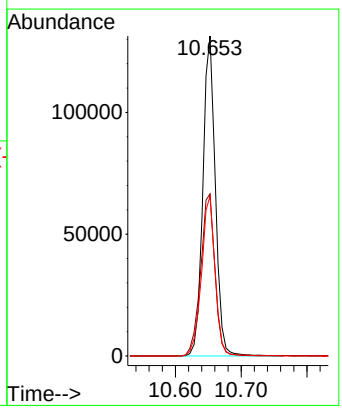


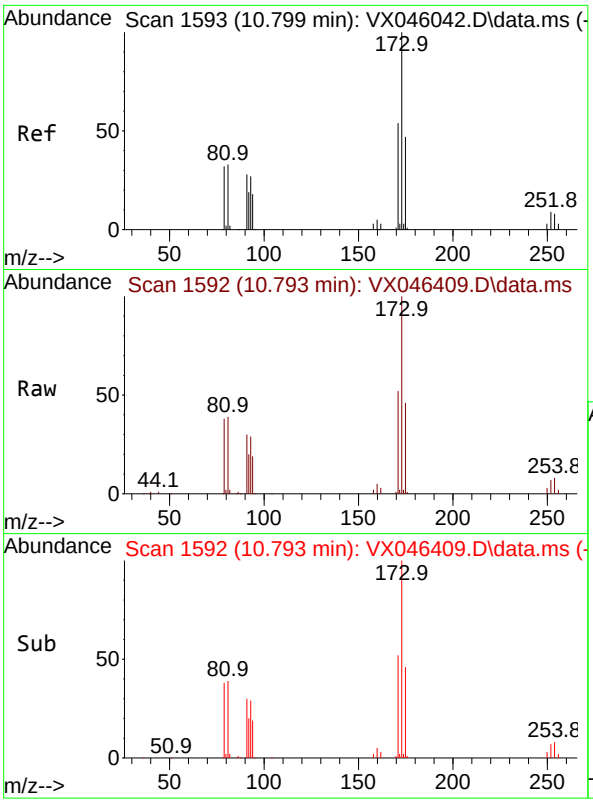


#70
Styrene
Concen: 58.788 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:104 Resp: 173337

Ion	Ratio	Lower	Upper
104	100		
78	58.1	45.7	68.5
103	54.6	43.7	65.5



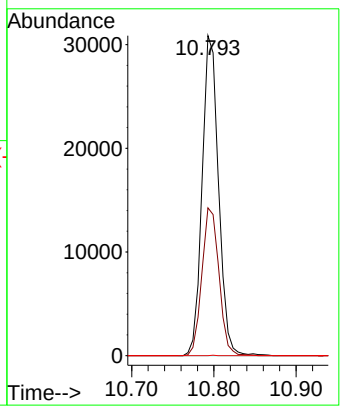


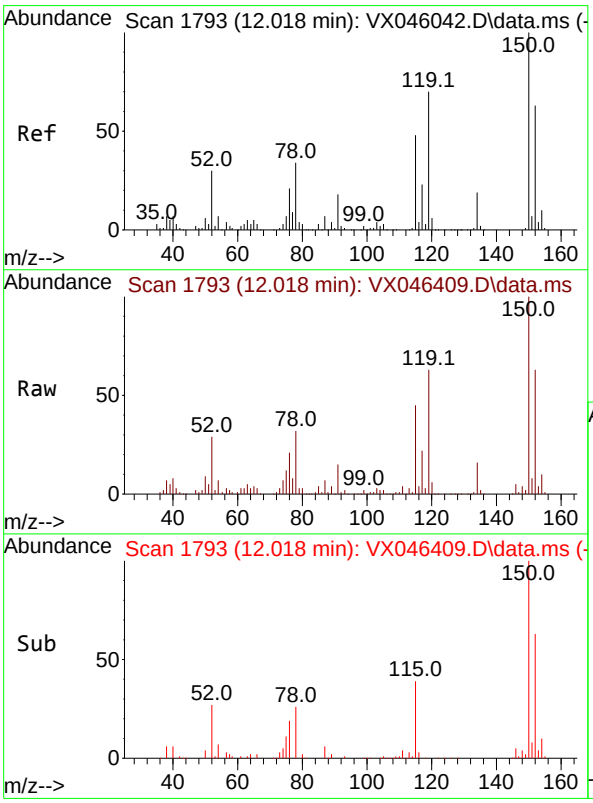
#71
Bromoform
Concen: 58.367 ug/l
RT: 10.793 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 42852

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.4	70.0
254	0.0	0.0	0.0#

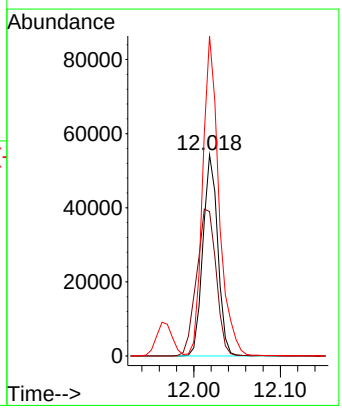


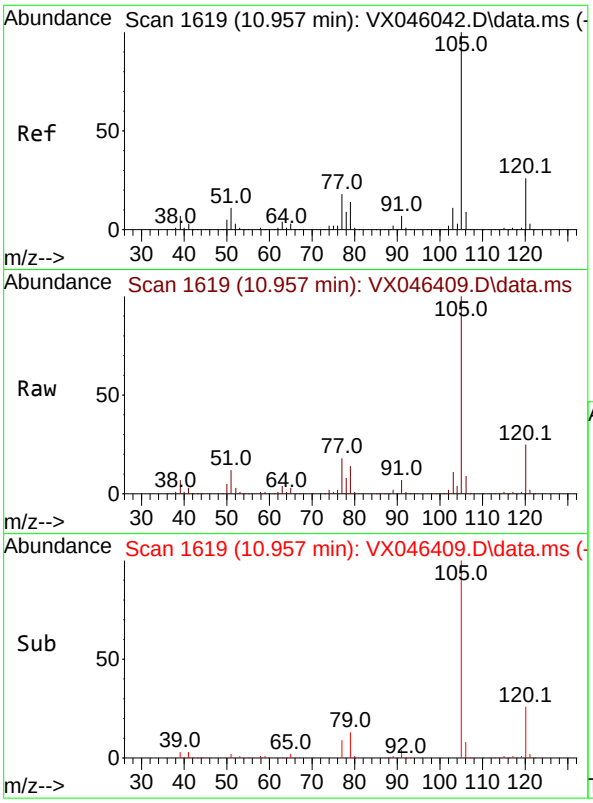


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:152 Resp: 64536

Ion	Ratio	Lower	Upper
152	100		
115	96.2	46.9	140.7
150	174.1	0.0	351.0



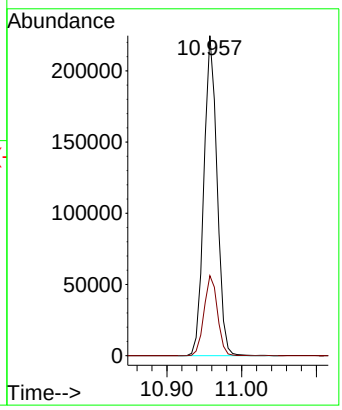


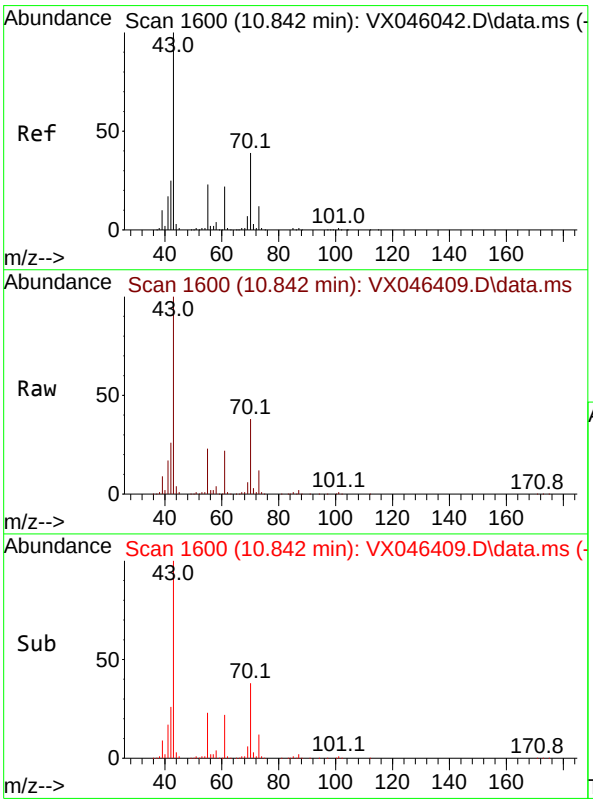
#73
Isopropylbenzene
Concen: 54.621 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 274433

Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

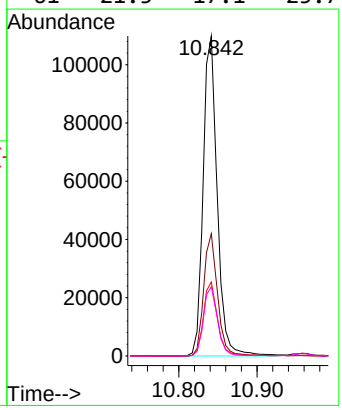


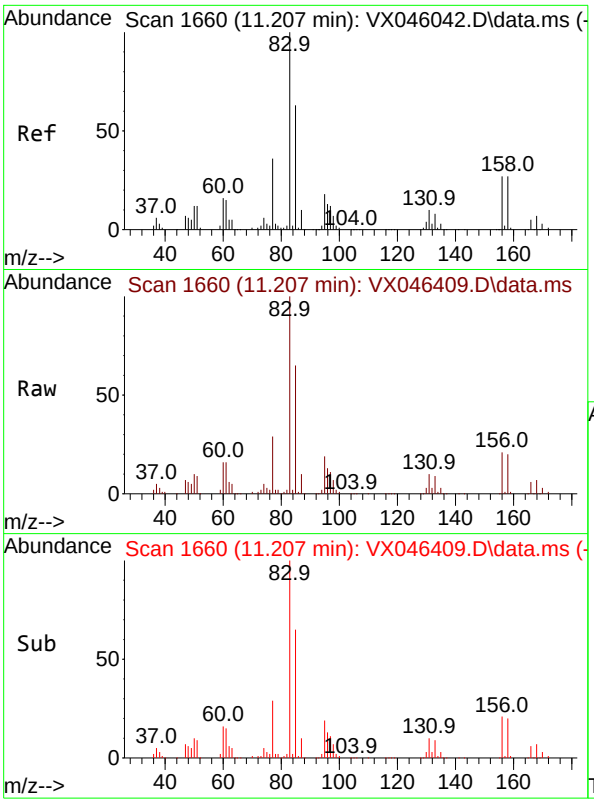


#74
N-amyl acetate
Concen: 55.143 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 136906

Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.9	46.3
55	23.4	18.7	28.1
61	21.5	17.1	25.7



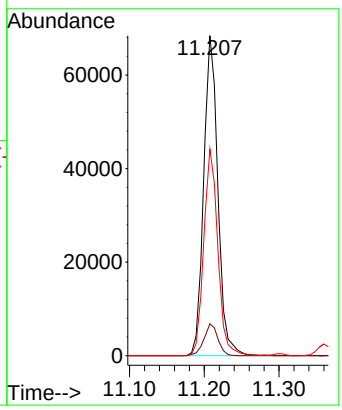


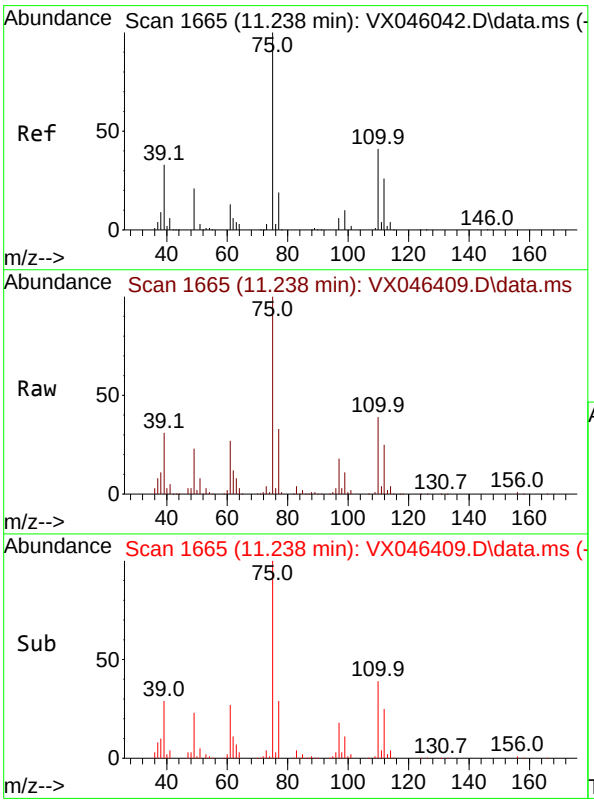
#75
1,1,2,2-Tetrachloroethane
Concen: 51.151 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90062

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.1	31.9	95.7

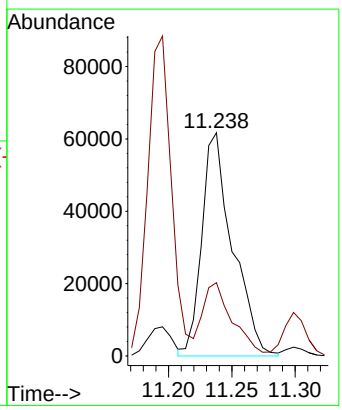


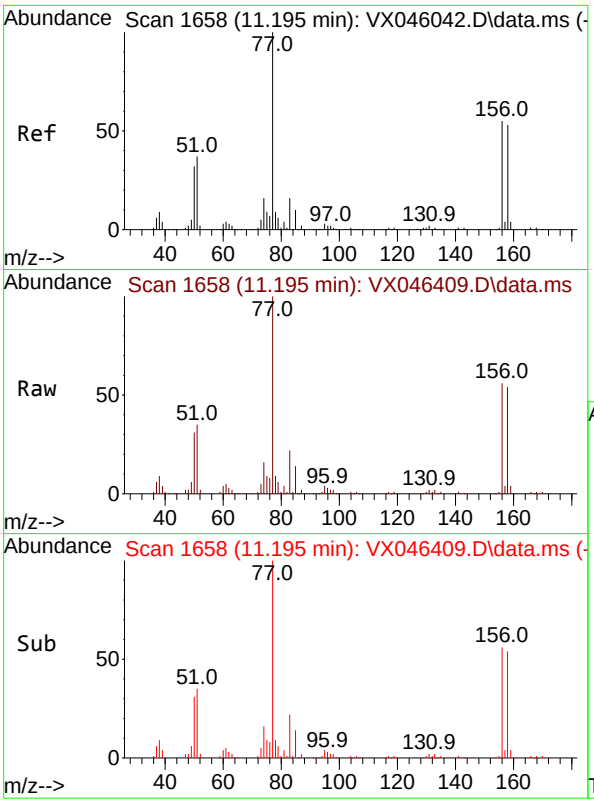


#76
1,2,3-Trichloropropane
Concen: 67.356 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 104631

Ion	Ratio	Lower	Upper
75	100		
77	31.2	20.5	61.5



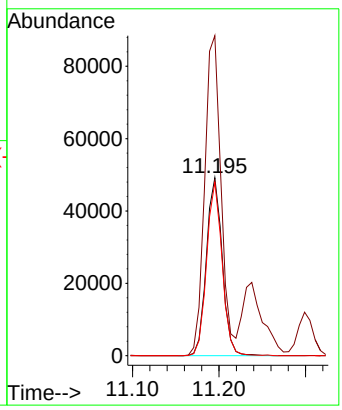


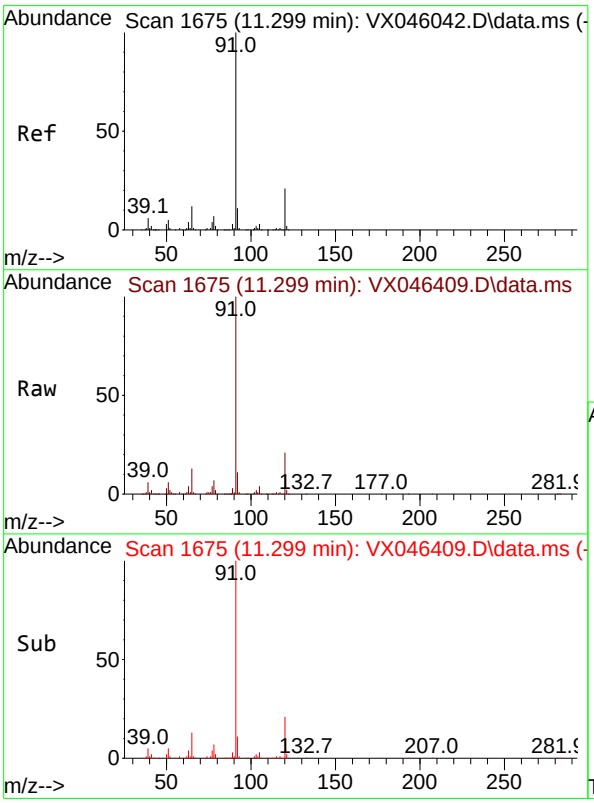
#77
Bromobenzene
Concen: 53.525 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 62435

Ion	Ratio	Lower	Upper
156	100		
77	186.0	92.8	278.3
158	95.4	48.8	146.3

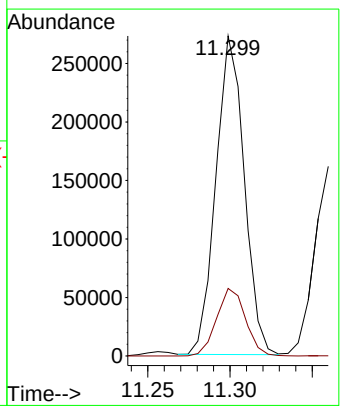


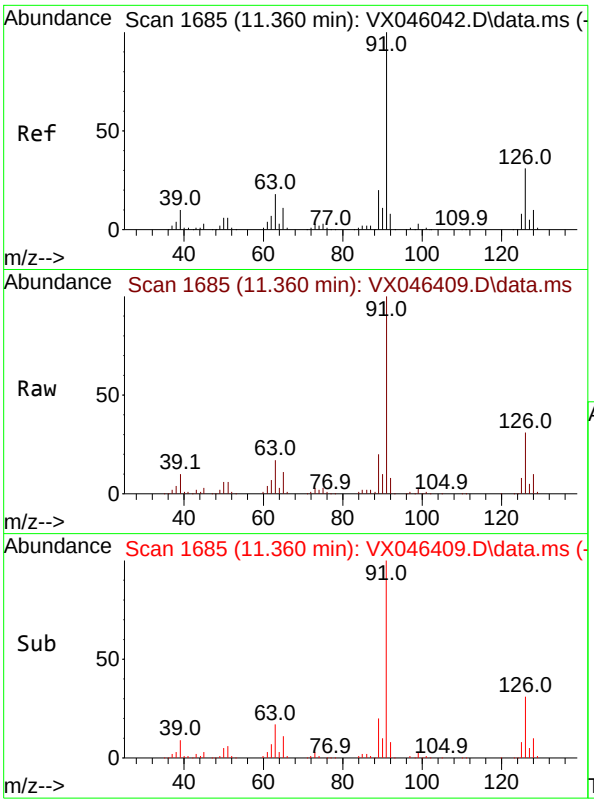


#78
n-propylbenzene
Concen: 55.901 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 326575

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4



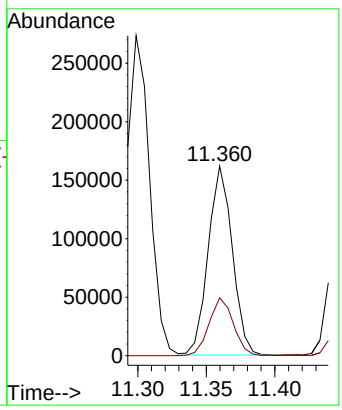


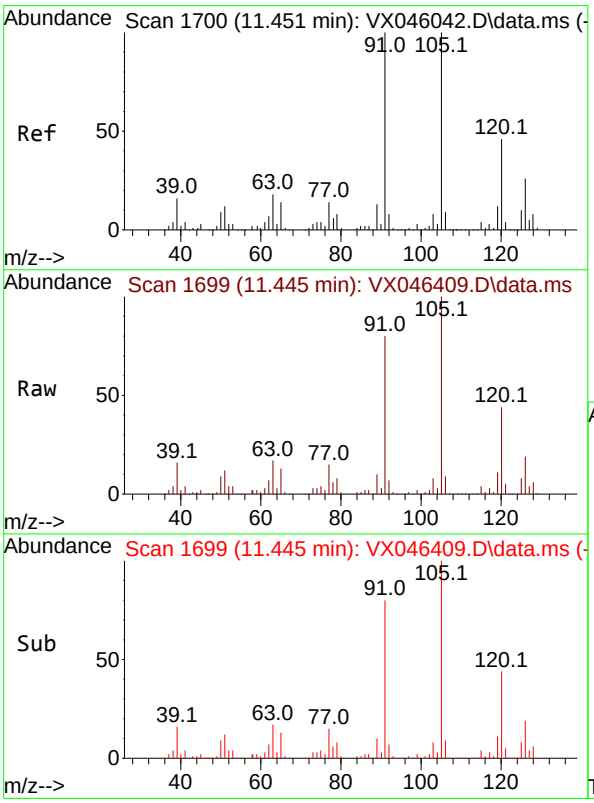
#79
2-Chlorotoluene
Concen: 52.554 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 198028

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7

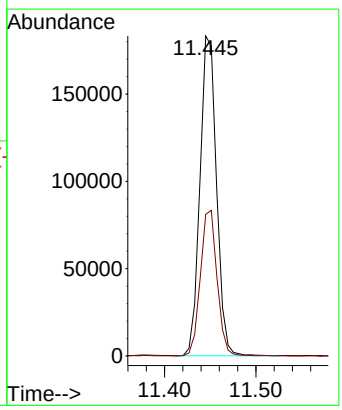


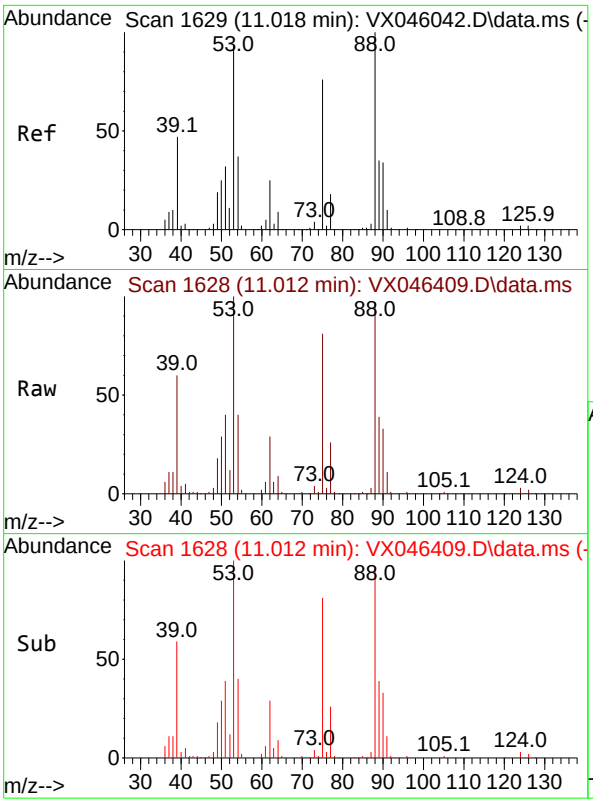


#80
1,3,5-Trimethylbenzene
Concen: 54.855 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:105 Resp: 230250

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2



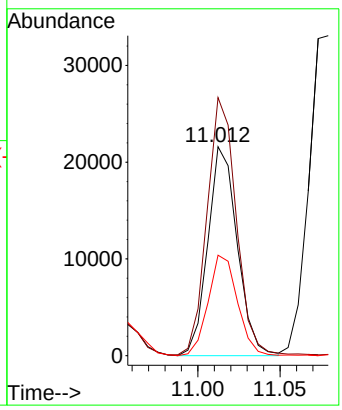


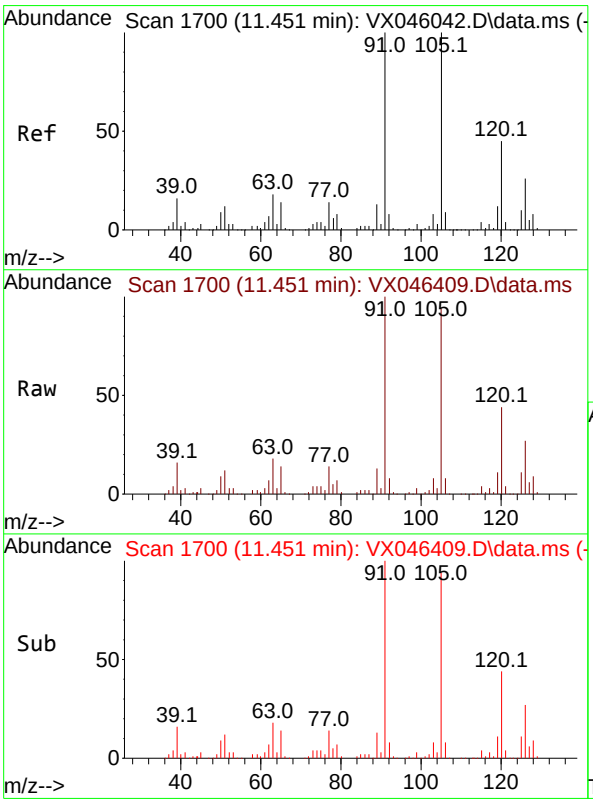
#81
trans-1,4-Dichloro-2-butene
Concen: 56.390 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26906

Ion	Ratio	Lower	Upper
75	100		
53	123.5	100.5	150.7
89	48.1	37.0	55.6

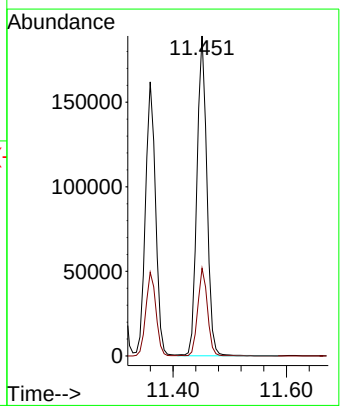


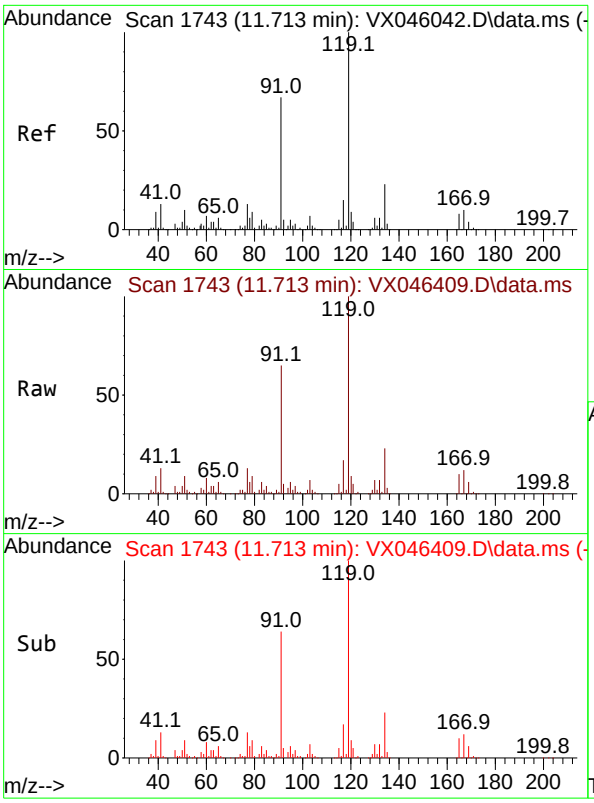


#82
4-Chlorotoluene
Concen: 55.048 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 230030

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.8



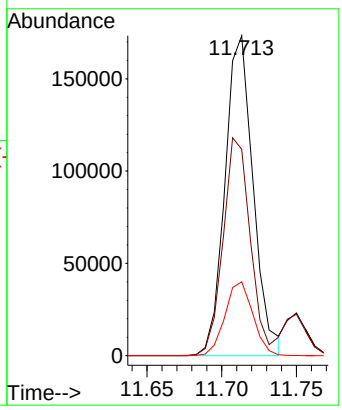


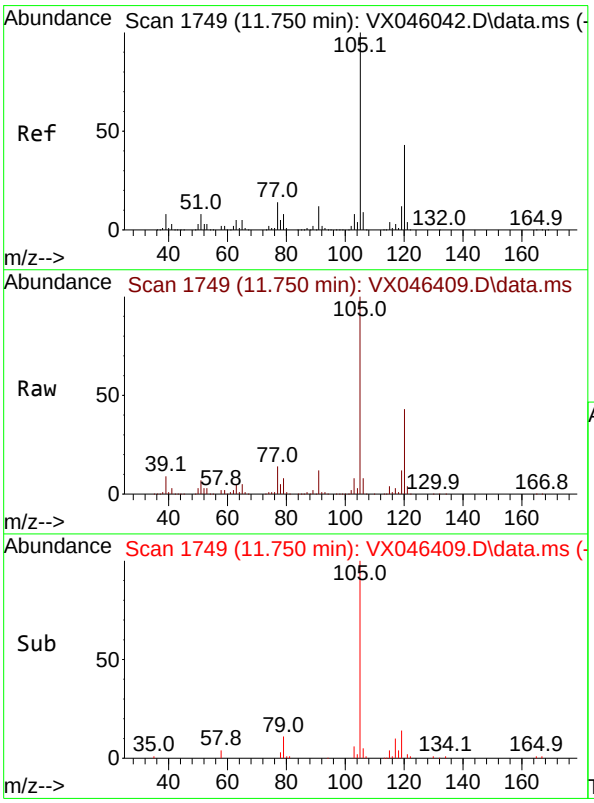
#83
tert-Butylbenzene
Concen: 53.855 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 227701

Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.9	98.7
134	22.9	11.4	34.1

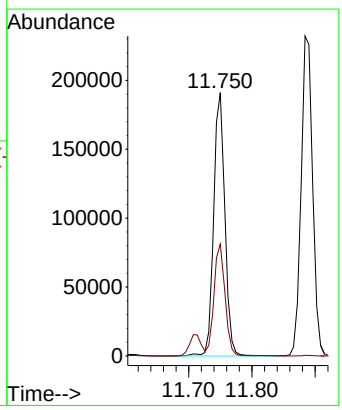


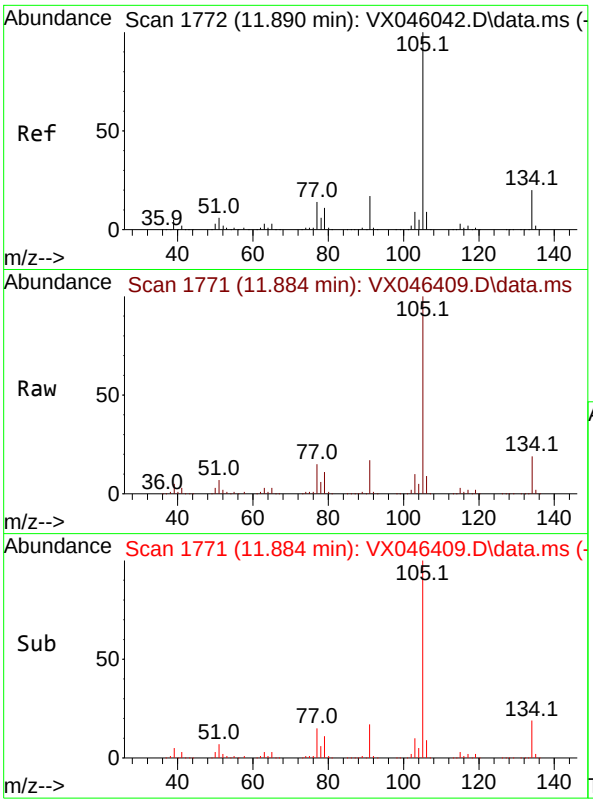


#84
1,2,4-Trimethylbenzene
Concen: 55.511 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:105 Resp: 235959

Ion	Ratio	Lower	Upper
105	100		
120	42.1	21.2	63.6



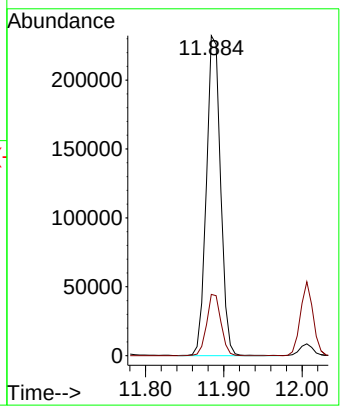


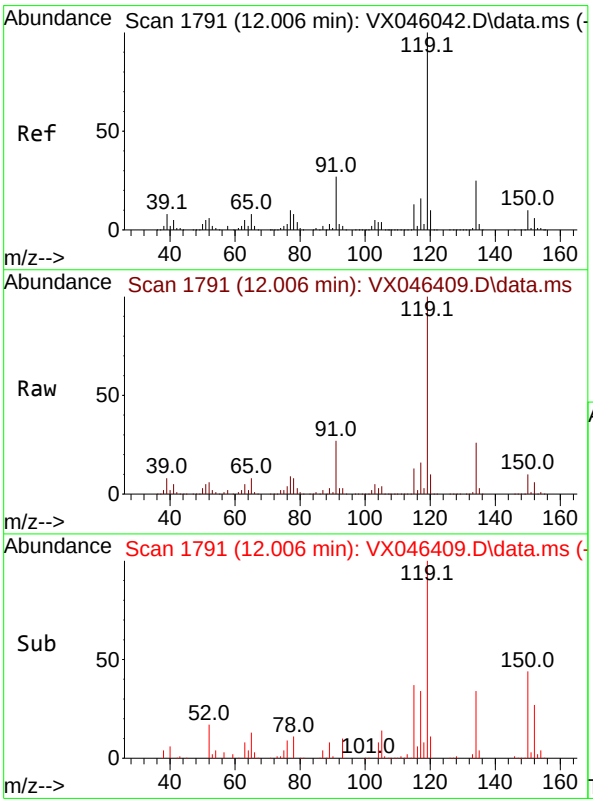
#85
sec-Butylbenzene
Concen: 56.108 ug/l
RT: 11.884 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 291277

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

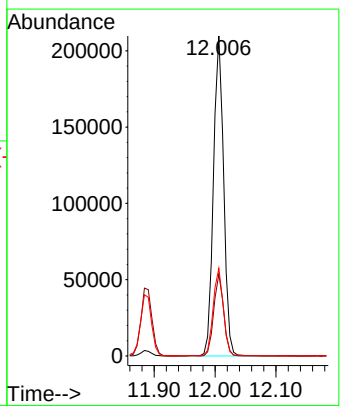


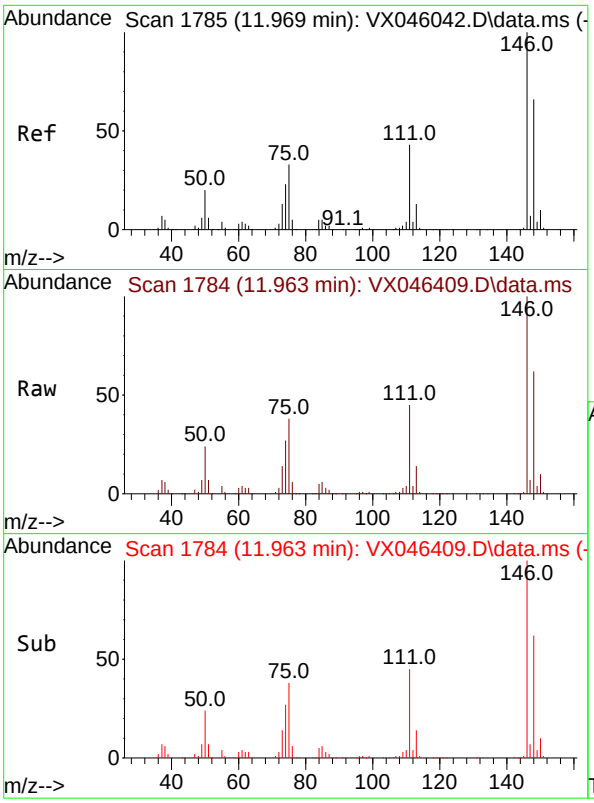


#86
p-Isopropyltoluene
Concen: 56.880 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:119 Resp: 243737

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.5	37.5
91	27.1	13.8	41.4



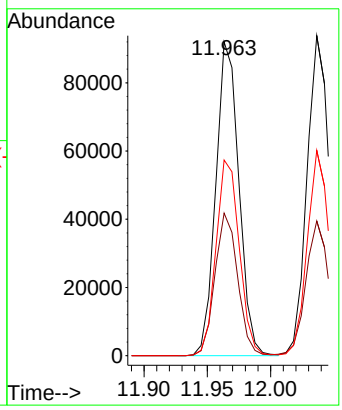


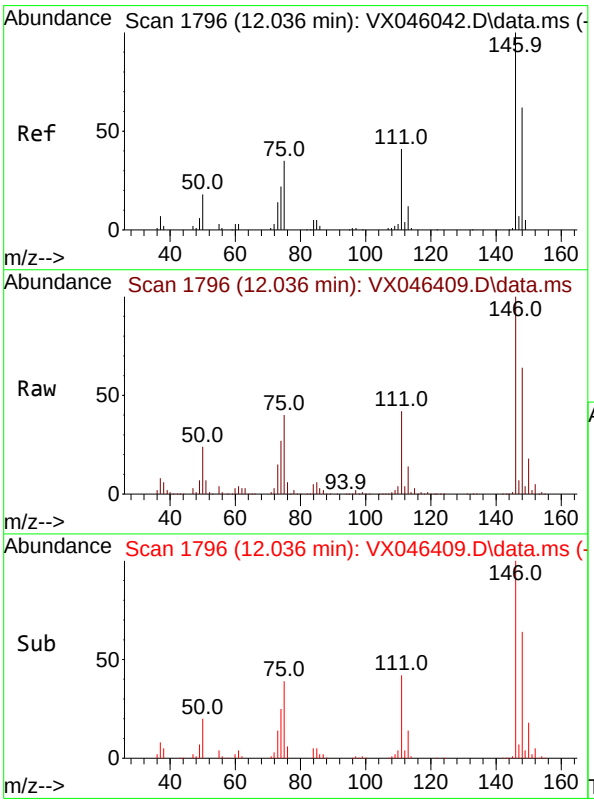
#87
1,3-Dichlorobenzene
Concen: 54.725 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 116500

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.3
148	63.1	32.1	96.5

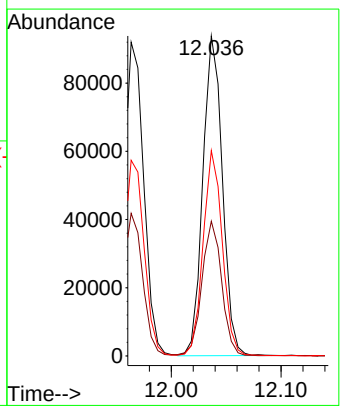


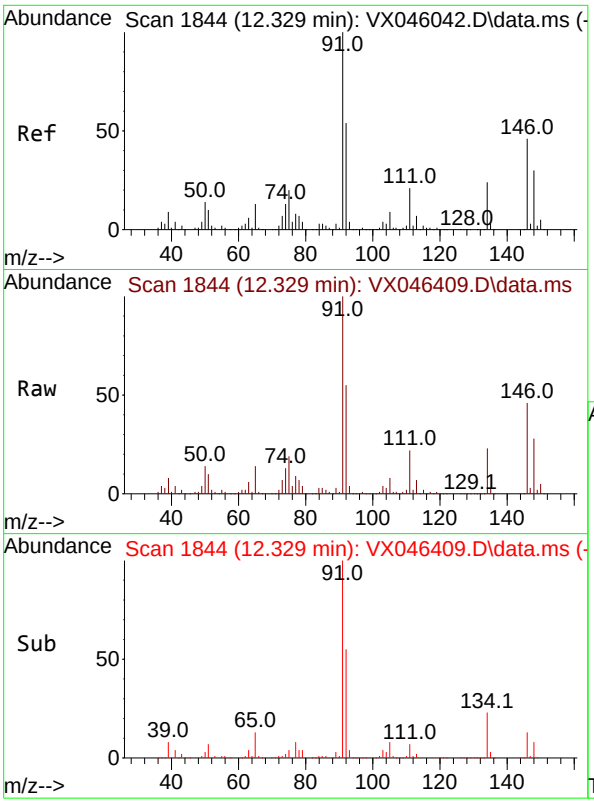


#88
1,4-Dichlorobenzene
Concen: 53.346 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:146 Resp: 115980

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.1	31.9	95.5



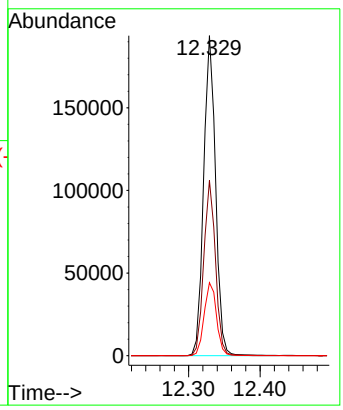


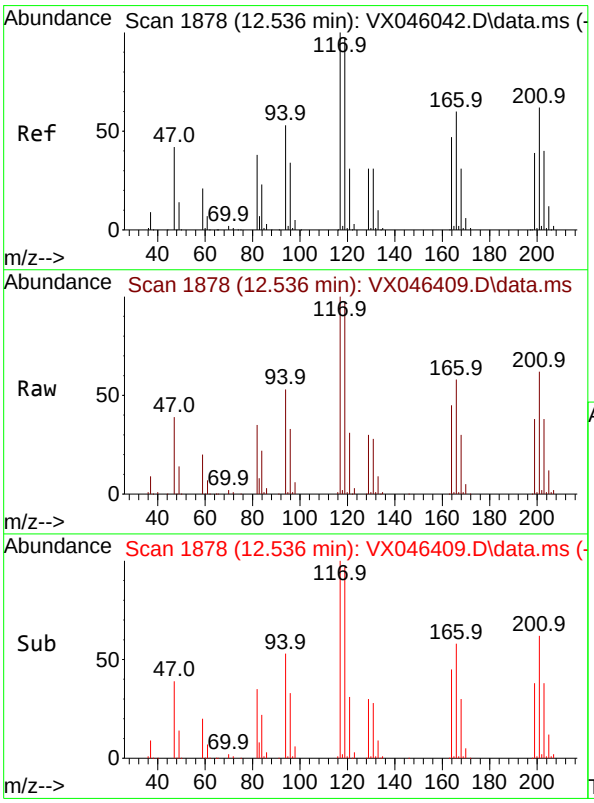
#89
n-Butylbenzene
Concen: 59.677 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 224309

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	23.7	11.8	35.3

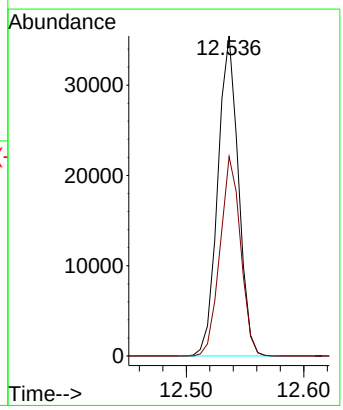


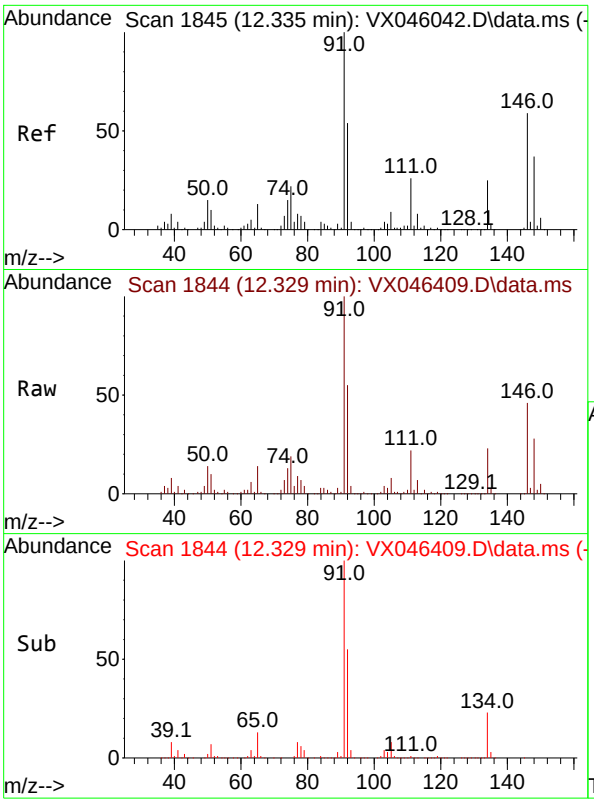


#90
Hexachloroethane
Concen: 57.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:117 Resp: 43197

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.6	94.7



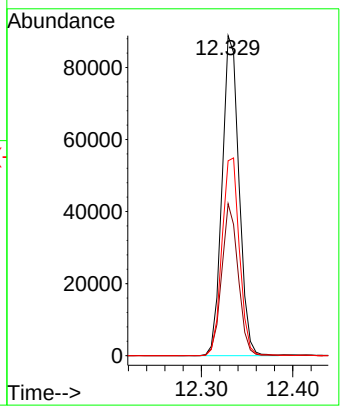


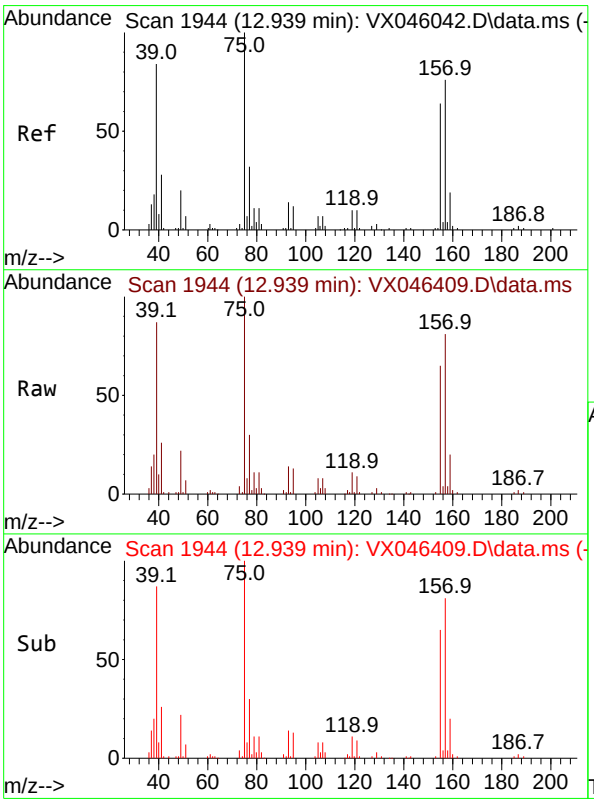
#91
1,2-Dichlorobenzene
Concen: 53.544 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 114383

Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.4	67.3
148	63.8	31.6	94.8

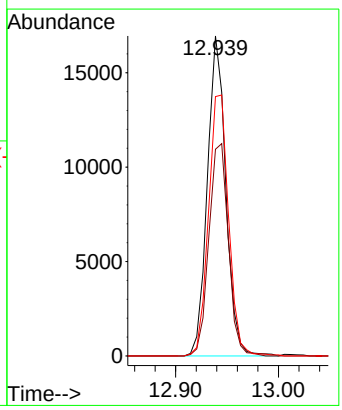


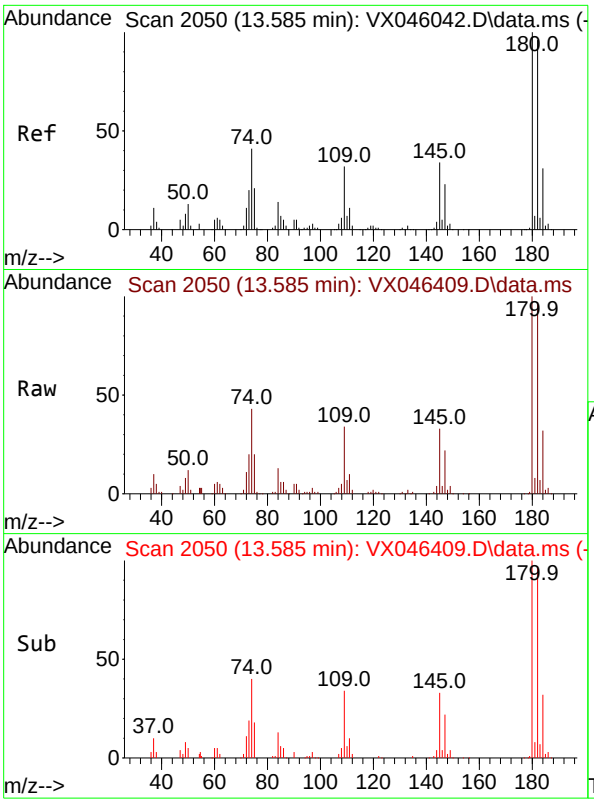


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.344 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 21197

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	88.4	43.8	131.4



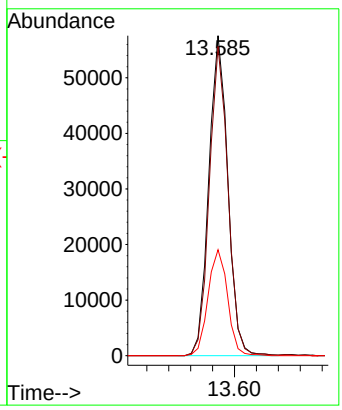


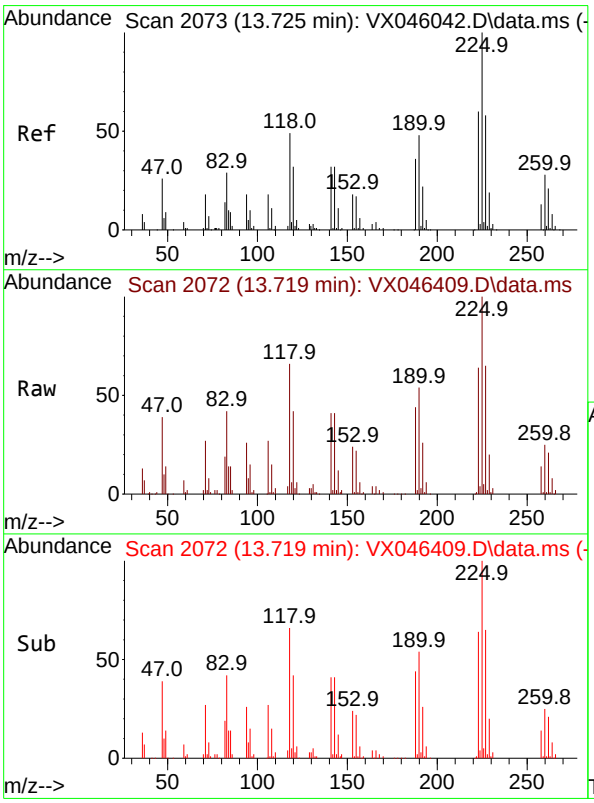
#93
1,2,4-Trichlorobenzene
Concen: 56.393 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 69193

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	34.0	17.1	51.2

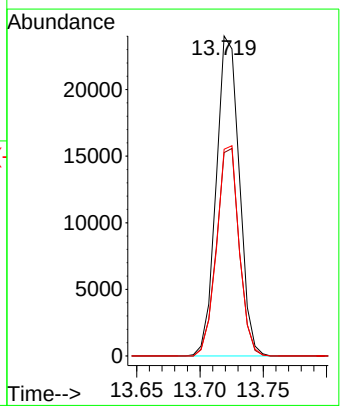


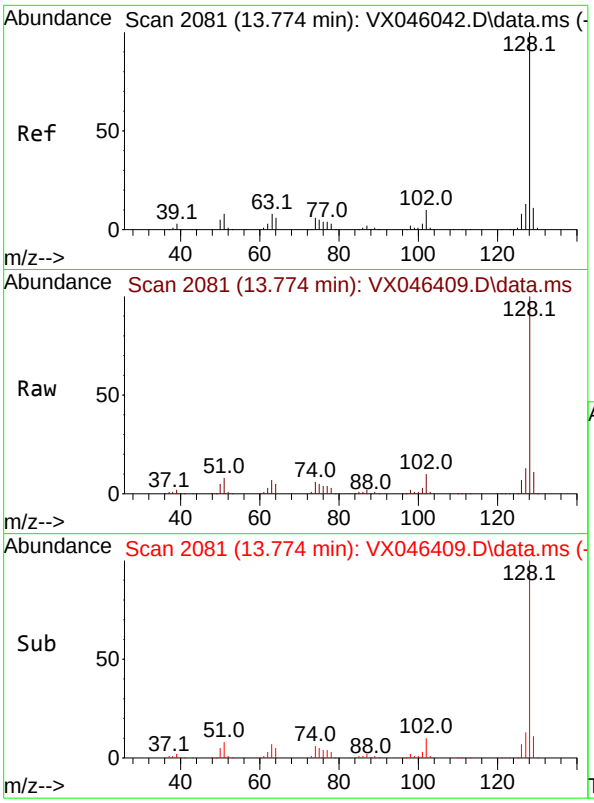


#94
Hexachlorobutadiene
Concen: 56.649 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:225 Resp: 30357

Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.8	92.4
227	64.0	30.9	92.7



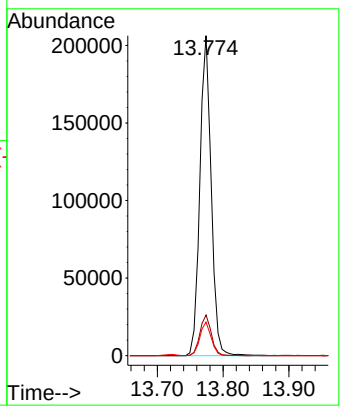


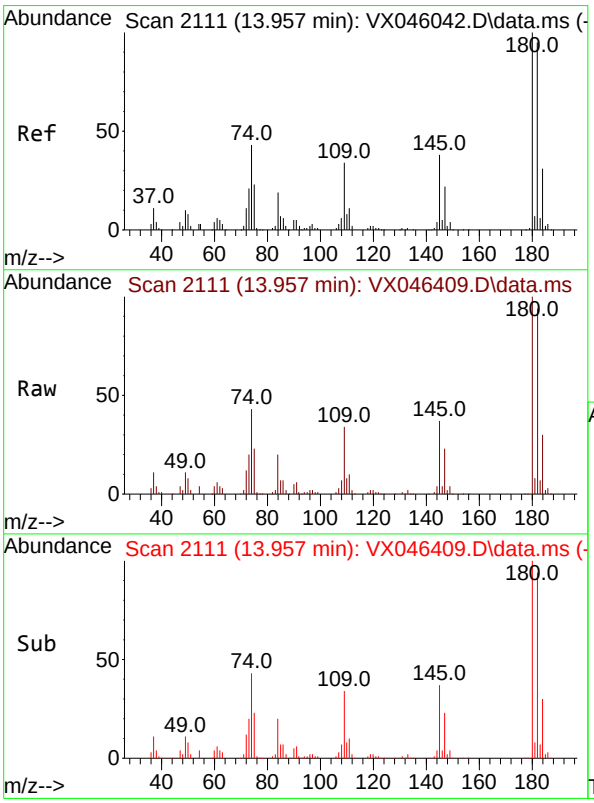
#95
Naphthalene
Concen: 54.869 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 246917

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.5	8.6	13.0

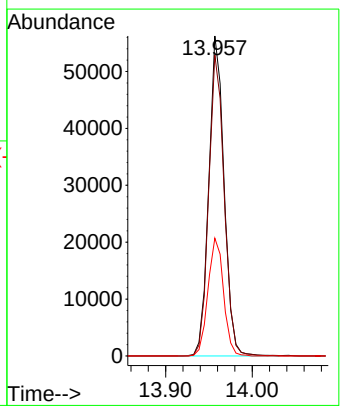




#96
1,2,3-Trichlorobenzene
Concen: 54.538 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:180 Resp: 69047

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	37.4	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	86619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	153415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80579	49.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.800%			
35) Dibromofluoromethane	5.379	113	55654	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.646	98	182778	47.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.600%			
62) 4-Bromofluorobenzene	11.079	95	72518	49.443	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22046	16.629	ug/l	94
3) Chloromethane	1.306	50	21447	16.682	ug/l	94
4) Vinyl Chloride	1.373	62	19698	16.462	ug/l	97
5) Bromomethane	1.599	94	9497	17.112	ug/l	98
6) Chloroethane	1.672	64	11661	18.255	ug/l	95
7) Trichlorofluoromethane	1.879	101	32574	18.420	ug/l	99
8) Diethyl Ether	2.135	74	10810	17.957	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	20795	19.002	ug/l	98
10) Methyl Iodide	2.446	142	22001	16.990	ug/l	100
11) Tert butyl alcohol	2.971	59	24227	106.879	ug/l	99
12) 1,1-Dichloroethene	2.312	96	18348	17.864	ug/l	98
13) Acrolein	2.233	56	16928	65.574	ug/l	98
14) Allyl chloride	2.660	41	38498	19.612	ug/l	95
15) Acrylonitrile	3.062	53	68823	106.181	ug/l	98
16) Acetone	2.379	43	68128	105.220	ug/l	100
17) Carbon Disulfide	2.507	76	34583	14.202	ug/l	96
18) Methyl Acetate	2.702	43	39508	26.295	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	71509	19.859	ug/l	98
20) Methylene Chloride	2.788	84	22533	18.160	ug/l	93
21) trans-1,2-Dichloroethene	3.086	96	18558	17.967	ug/l	98
22) Diisopropyl ether	3.763	45	77266	20.378	ug/l	93
23) Vinyl Acetate	3.720	43	320325	96.051	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41445	19.625	ug/l	99
25) 2-Butanone	4.556	43	102333	108.864	ug/l	100
26) 2,2-Dichloropropane	4.464	77	30832	18.652	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	23968	19.276	ug/l	99
28) Bromochloromethane	4.897	49	21089	20.745	ug/l	98
29) Tetrahydrofuran	5.001	42	62399	105.935	ug/l	99
30) Chloroform	5.086	83	45096	20.486	ug/l	93
31) Cyclohexane	5.464	56	33070	17.184	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37073	19.429	ug/l	98
36) 1,1-Dichloropropene	5.684	75	26188	17.643	ug/l	98
37) Ethyl Acetate	4.720	43	35095	19.137	ug/l	99
38) Carbon Tetrachloride	5.671	117	31244	18.734	ug/l	97
39) Methylcyclohexane	7.378	83	32348	16.928	ug/l	98
40) Benzene	6.031	78	84048	19.331	ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	4.915	41	20721	21.599	ug/l		98
42)	1,2-Dichloroethane	6.086	62	37398	19.930	ug/l		100
43)	Isopropyl Acetate	6.342	43	56552	20.214	ug/l		98
44)	Trichloroethene	7.122	130	19629	18.758	ug/l		100
45)	1,2-Dichloropropane	7.427	63	22287	20.615	ug/l		97
46)	Dibromomethane	7.580	93	16946	19.874	ug/l		98
47)	Bromodichloromethane	7.817	83	33719	20.078	ug/l		97
48)	Methyl methacrylate	7.695	41	28679	20.072	ug/l		97
49)	1,4-Dioxane	7.659	88	12612	464.881	ug/l		99
51)	4-Methyl-2-Pentanone	8.573	43	200919	108.190	ug/l		99
52)	Toluene	8.713	92	51245	19.222	ug/l		96
53)	t-1,3-Dichloropropene	8.976	75	27848	18.656	ug/l		97
54)	cis-1,3-Dichloropropene	8.366	75	31975	19.381	ug/l		95
55)	1,1,2-Trichloroethane	9.146	97	21705	20.648	ug/l		94
56)	Ethyl methacrylate	9.116	69	34157	20.387	ug/l		99
57)	1,3-Dichloropropane	9.305	76	37433	19.828	ug/l		99
58)	2-Chloroethyl Vinyl ether	8.238	63	94881	111.083	ug/l		98
59)	2-Hexanone	9.427	43	150933	109.854	ug/l		99
60)	Dibromochloromethane	9.518	129	23960	20.754	ug/l		97
61)	1,2-Dibromoethane	9.604	107	21935	20.076	ug/l		99
64)	Tetrachloroethene	9.268	164	17515	18.359	ug/l		95
65)	Chlorobenzene	10.073	112	56306	19.079	ug/l		99
66)	1,1,1,2-Tetrachloroethane	10.158	131	20489	20.331	ug/l		99
67)	Ethyl Benzene	10.189	91	101092	19.432	ug/l		100
68)	m/p-Xylenes	10.299	106	72256	37.976	ug/l		97
69)	o-Xylene	10.640	106	36463	19.657	ug/l		97
70)	Styrene	10.652	104	60271	19.835	ug/l		97
71)	Bromoform	10.798	173	14805	19.568	ug/l	#	98
73)	Isopropylbenzene	10.957	105	98609	19.754	ug/l		99
74)	N-amyl acetate	10.841	43	48523	19.671	ug/l		98
75)	1,1,2,2-Tetrachloroethane	11.207	83	34441	19.688	ug/l		97
76)	1,2,3-Trichloropropane	11.237	75	38961	25.244	ug/l		85
77)	Bromobenzene	11.195	156	22245	19.194	ug/l		98
78)	n-propylbenzene	11.298	91	111193	19.157	ug/l		100
79)	2-Chlorotoluene	11.359	91	71240	19.029	ug/l		100
80)	1,3,5-Trimethylbenzene	11.451	105	82619	19.811	ug/l		100
81)	trans-1,4-Dichloro-2-b...	11.018	75	8673	18.295	ug/l		98
82)	4-Chlorotoluene	11.451	91	79525	19.154	ug/l		98
83)	tert-Butylbenzene	11.713	119	81221	19.335	ug/l		99
84)	1,2,4-Trimethylbenzene	11.749	105	82870	19.622	ug/l		99
85)	sec-Butylbenzene	11.890	105	100632	19.510	ug/l		100
86)	p-Isopropyltoluene	12.006	119	82888	19.469	ug/l		100
87)	1,3-Dichlorobenzene	11.969	146	40311	19.059	ug/l		99
88)	1,4-Dichlorobenzene	12.036	146	40286	18.650	ug/l		97
89)	n-Butylbenzene	12.329	91	70173	18.790	ug/l		99
90)	Hexachloroethane	12.536	117	14438	19.249	ug/l		99
91)	1,2-Dichlorobenzene	12.335	146	42227	19.895	ug/l		98
92)	1,2-Dibromo-3-Chloropr...	12.944	75	7914	20.421	ug/l		96
93)	1,2,4-Trichlorobenzene	13.585	180	22315	18.305	ug/l		98
94)	Hexachlorobutadiene	13.725	225	9922	18.636	ug/l		96
95)	Naphthalene	13.774	128	83733	18.727	ug/l		99
96)	1,2,3-Trichlorobenzene	13.963	180	23105	18.368	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

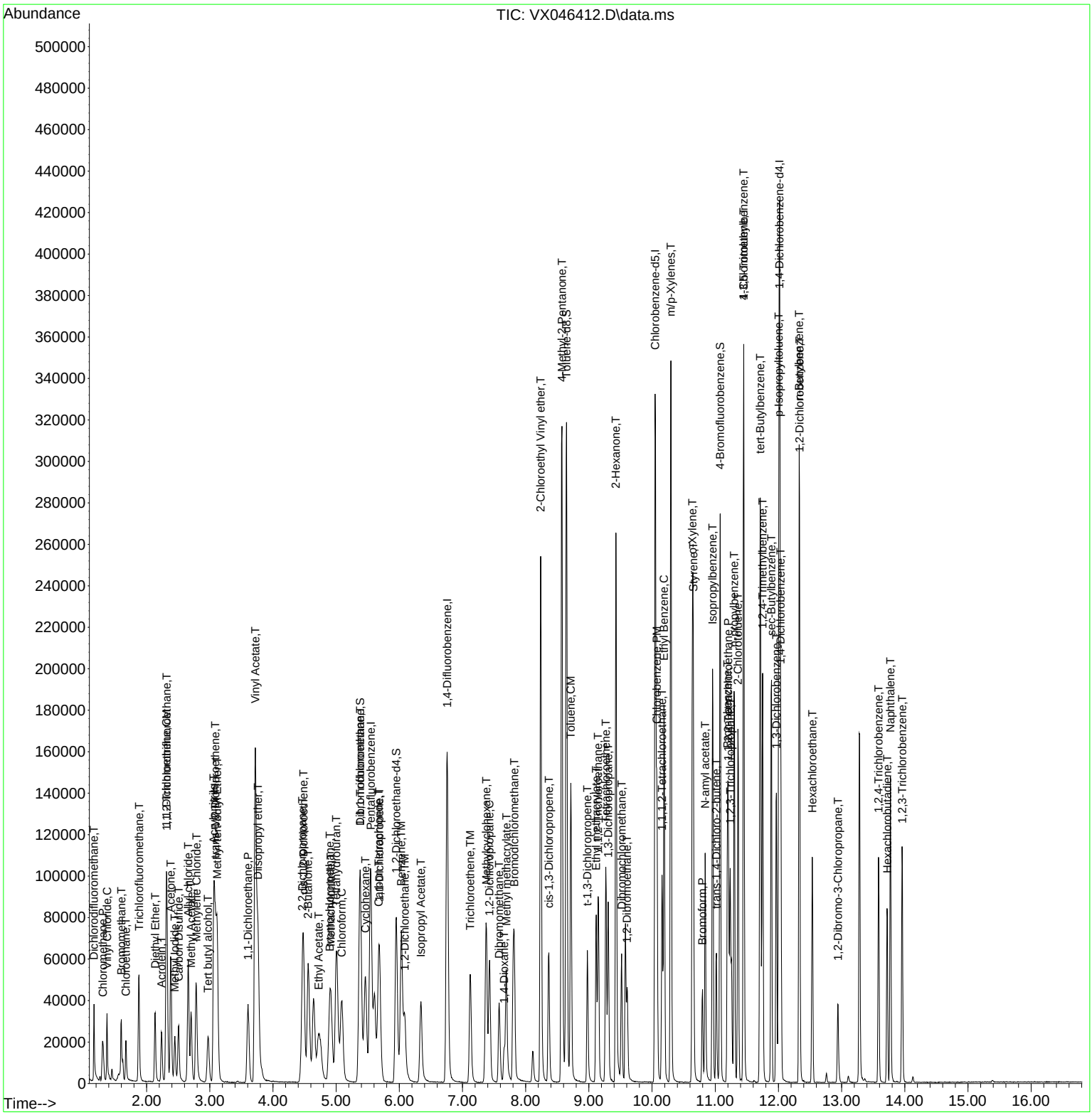
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

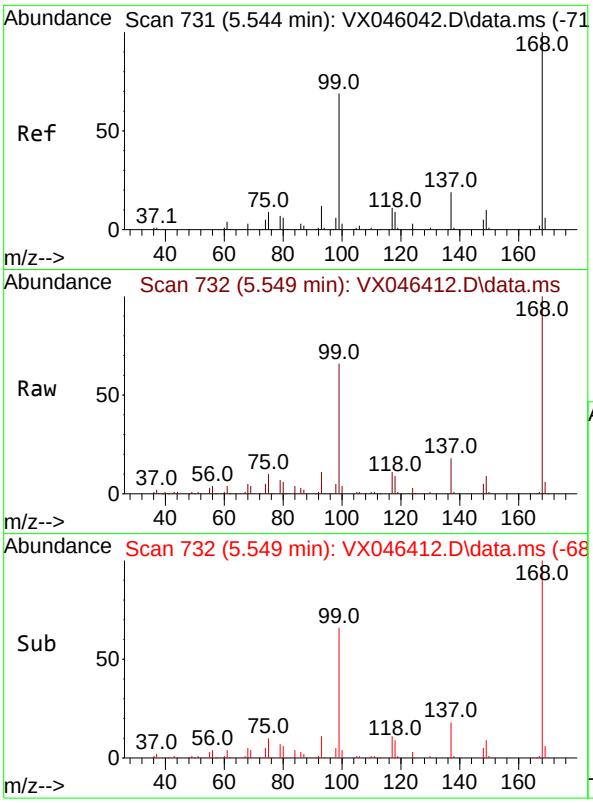
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Quant Time: May 30 23:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



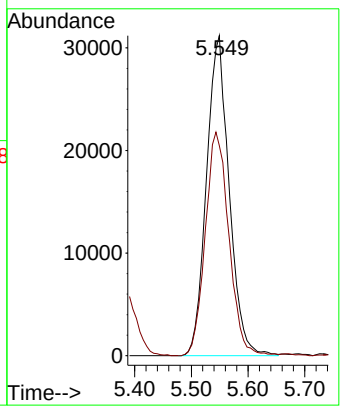


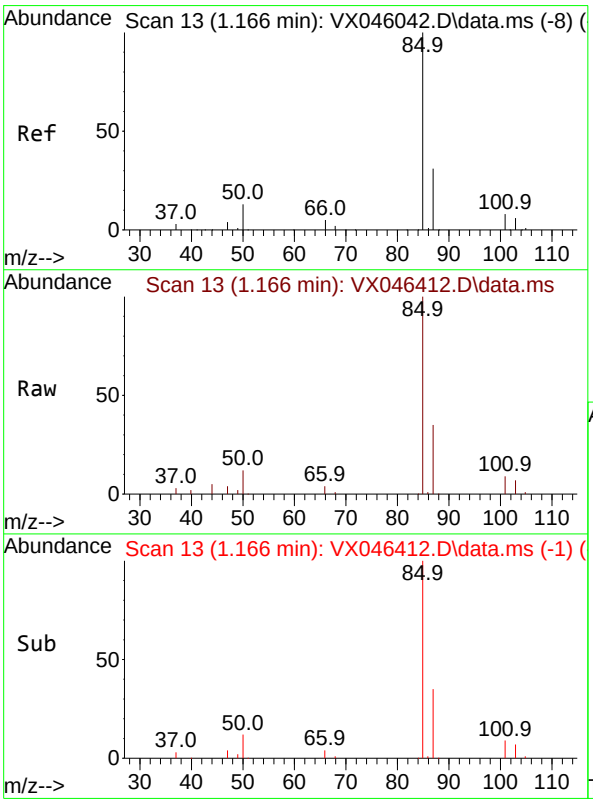
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:168 Resp: 86619

Ion	Ratio	Lower	Upper
168	100		
99	65.7	54.9	82.3

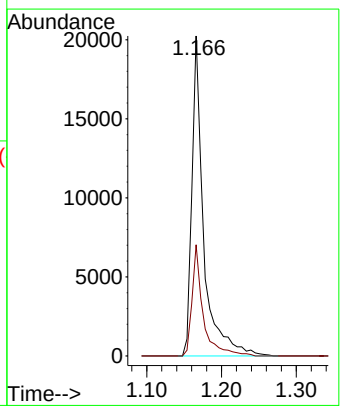


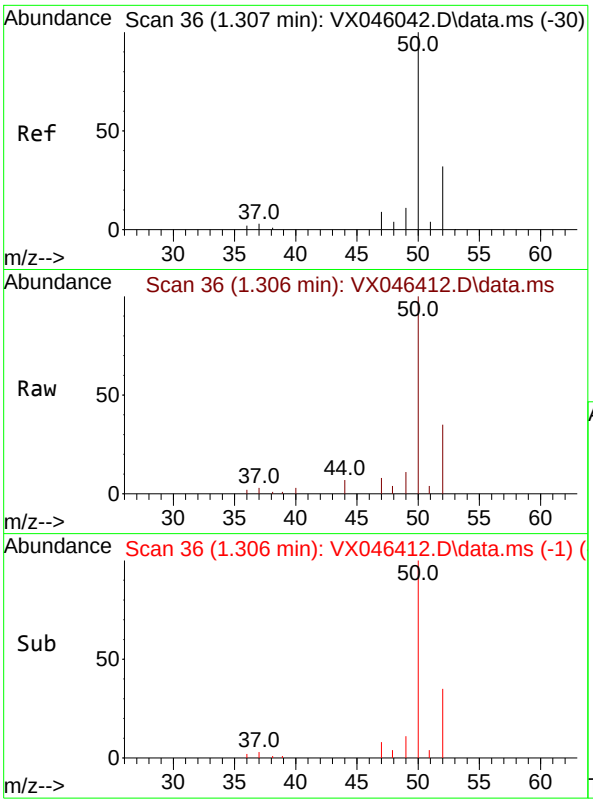


#2
Dichlorodifluoromethane
Concen: 16.629 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 85 Resp: 22046

Ion	Ratio	Lower	Upper
85	100		
87	34.7	15.7	47.1



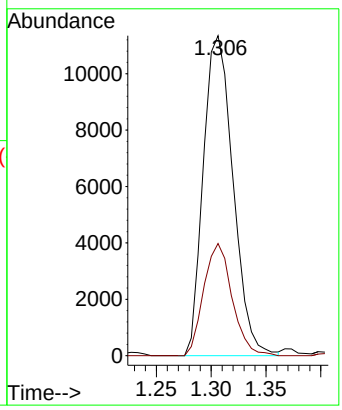


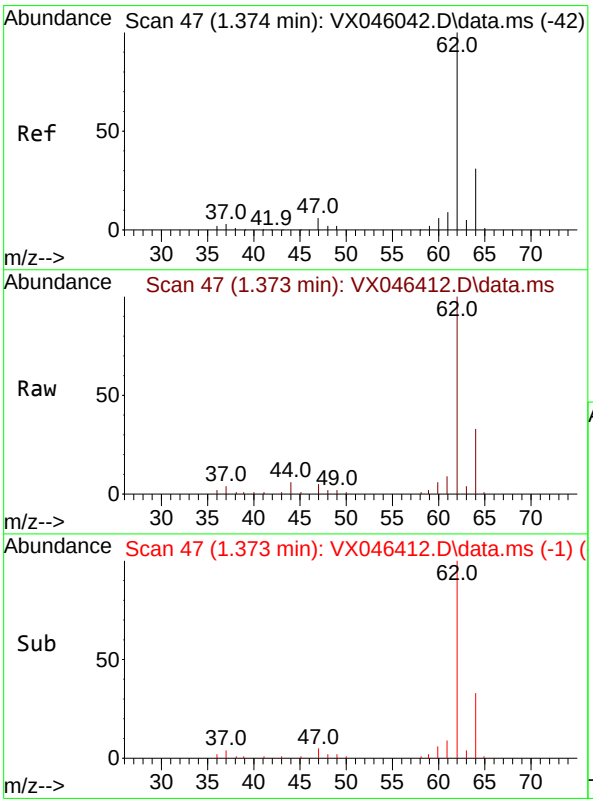
#3
Chloromethane
Concen: 16.682 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 50 Resp: 21447

Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.4	38.2

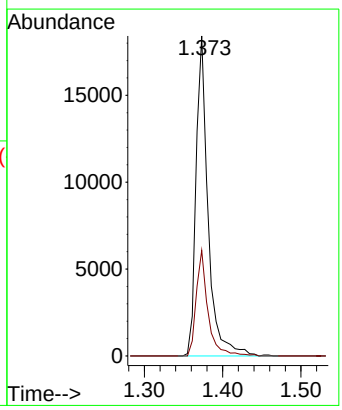


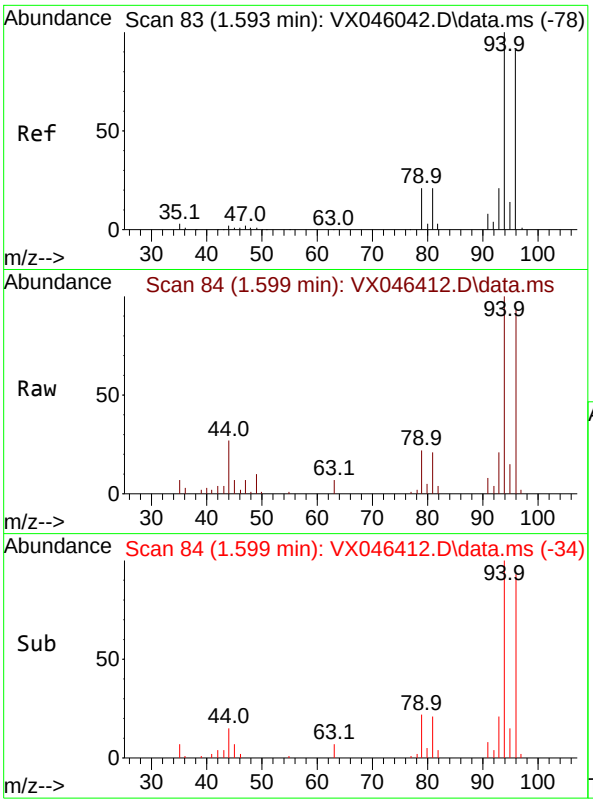


#4
Vinyl Chloride
Concen: 16.462 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 62 Resp: 19698

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.2	37.8



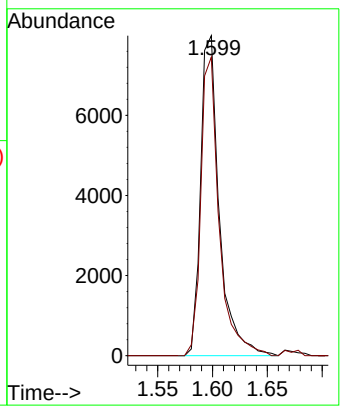


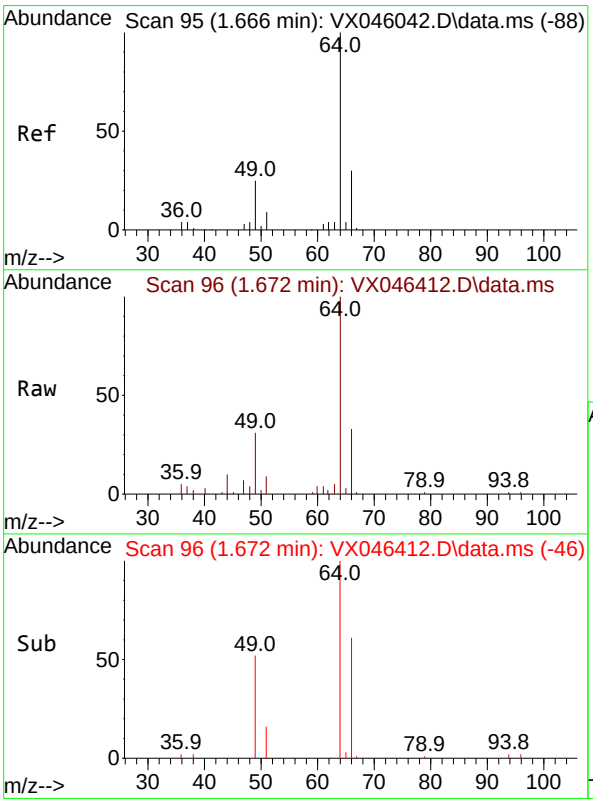
#5
Bromomethane
Concen: 17.112 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 94 Resp: 9497

Ion	Ratio	Lower	Upper
94	100		
96	93.3	72.8	109.2

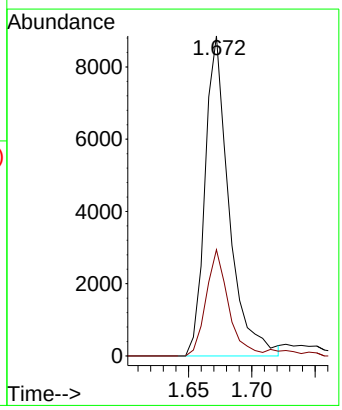


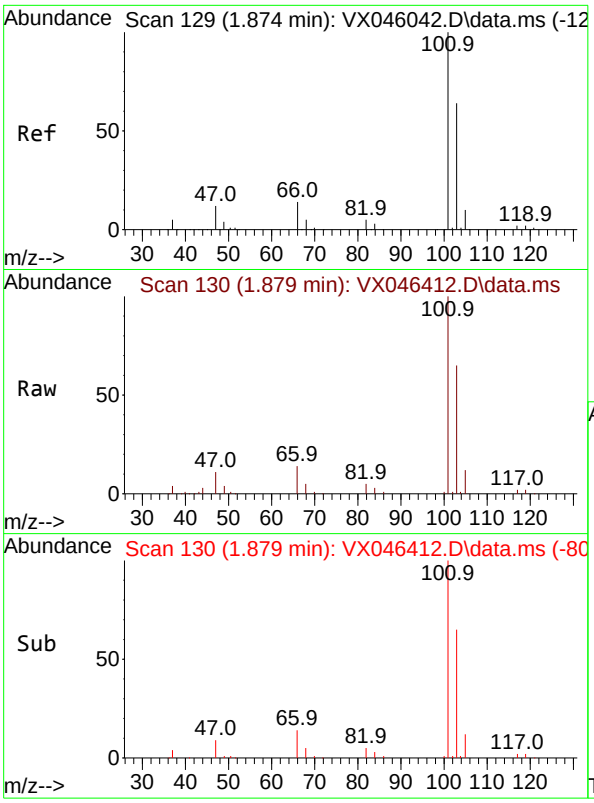


#6
Chloroethane
Concen: 18.255 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 64 Resp: 11661

Ion	Ratio	Lower	Upper
64	100		
66	33.2	24.3	36.5



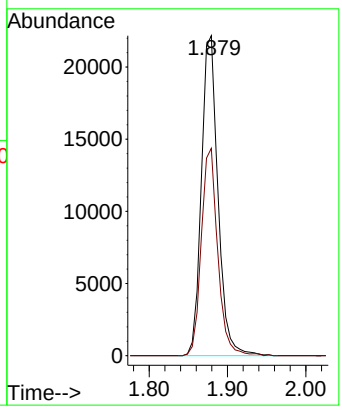


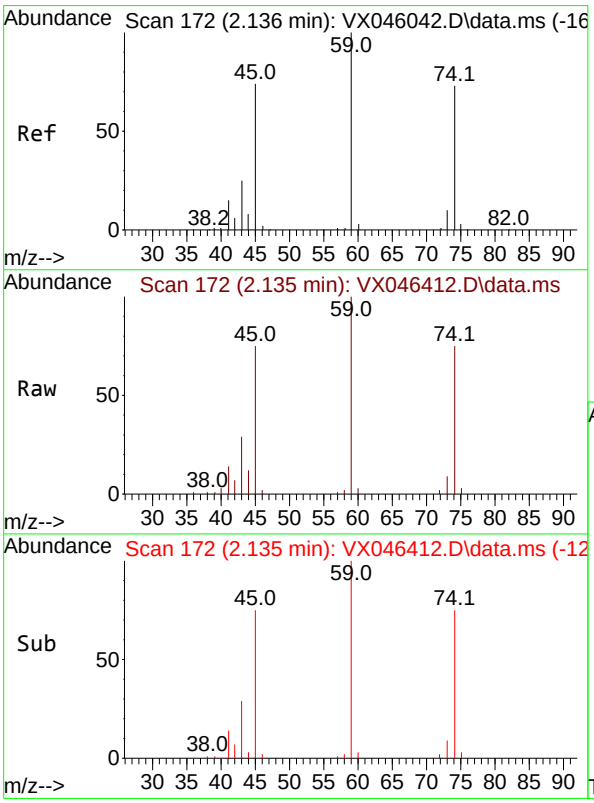
#7
Trichlorofluoromethane
Concen: 18.420 ug/l
RT: 1.879 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:101 Resp: 32574

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

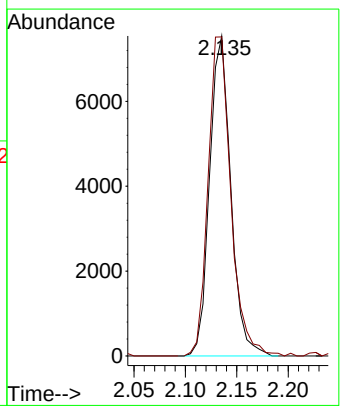


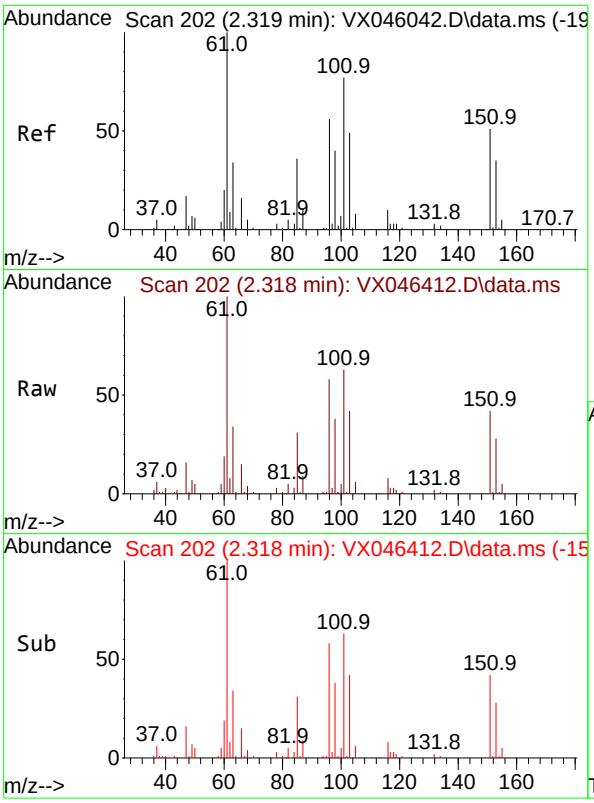


#8
Diethyl Ether
Concen: 17.957 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 74 Resp: 10810

Ion	Ratio	Lower	Upper
74	100		
45	107.4	54.9	164.8



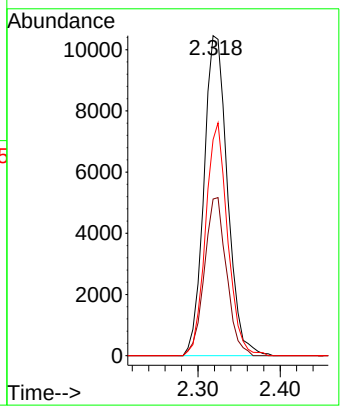


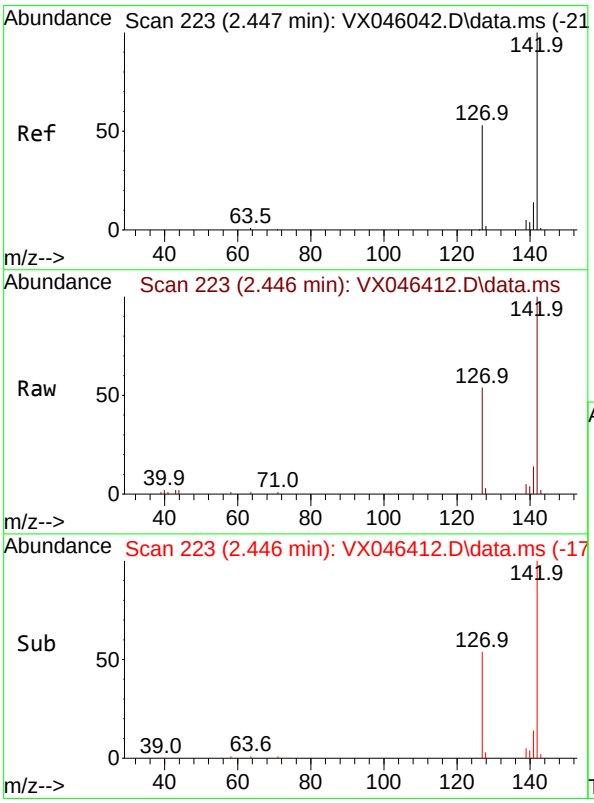
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.002 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:101 Resp: 20795

Ion	Ratio	Lower	Upper
101	100		
85	46.4	38.6	58.0
151	68.0	55.2	82.8

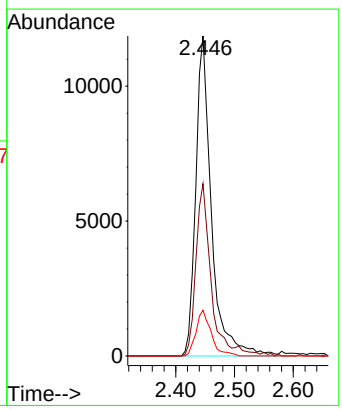


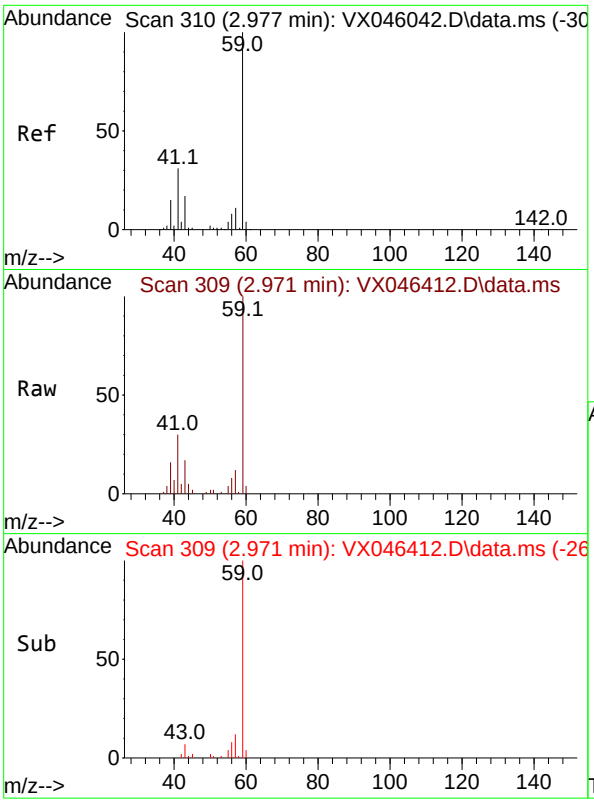


#10
Methyl Iodide
Concen: 16.990 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:142 Resp: 22001

Ion	Ratio	Lower	Upper
142	100		
127	52.2	41.7	62.5
141	13.8	11.5	17.3



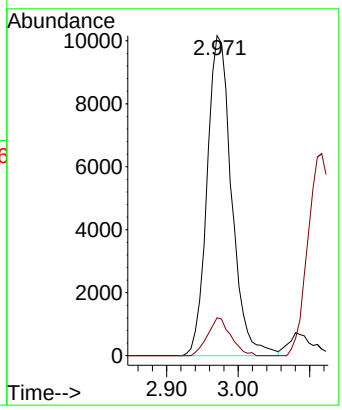


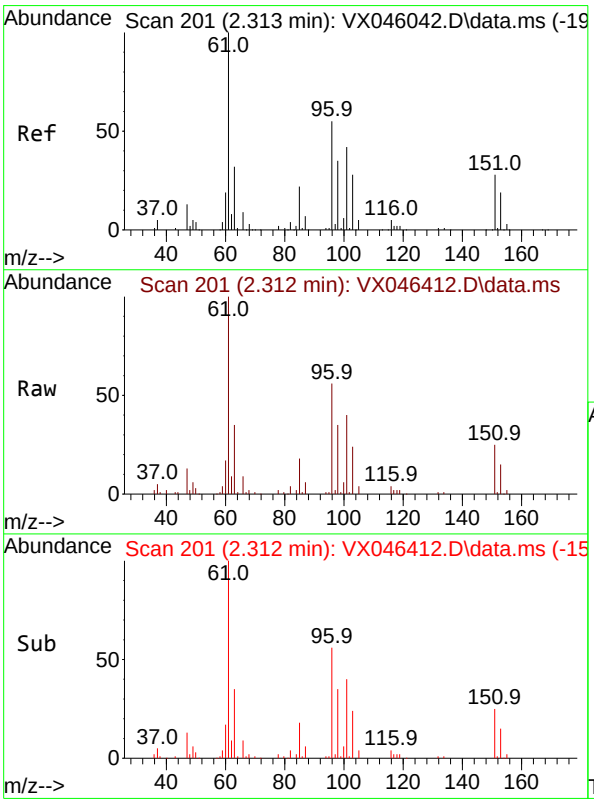
#11
Tert butyl alcohol
Concen: 106.879 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 59 Resp: 24227

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

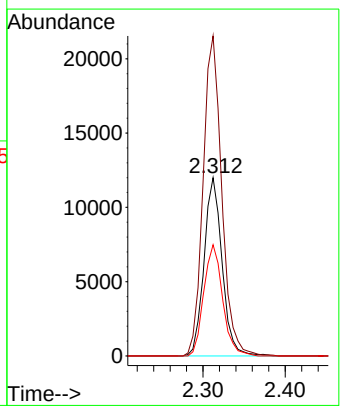


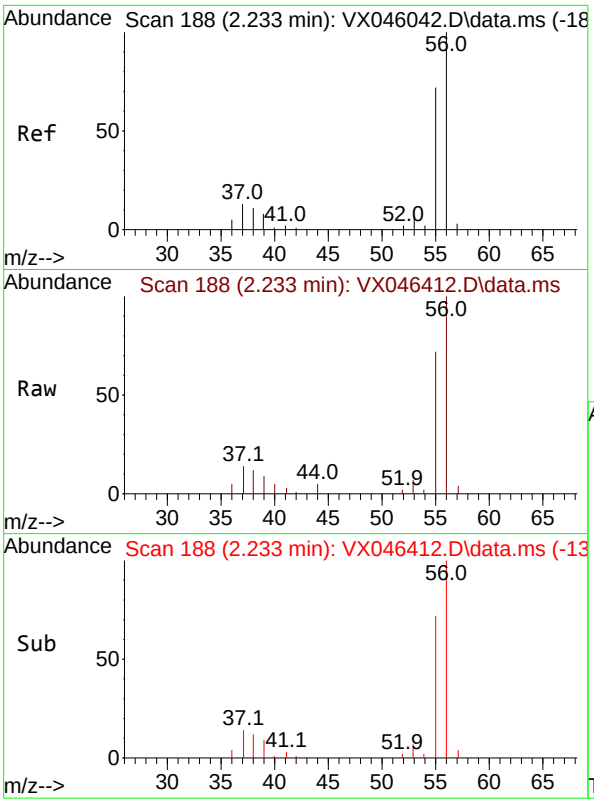


#12
1,1-Dichloroethene
Concen: 17.864 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 96 Resp: 18348

Ion	Ratio	Lower	Upper
96	100		
61	179.6	146.2	219.2
98	62.4	51.0	76.6



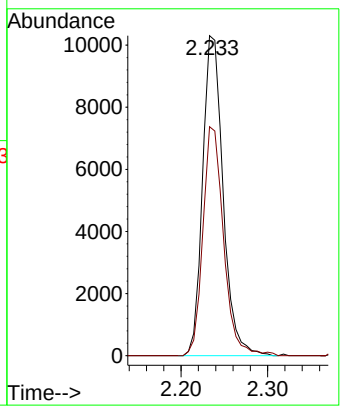


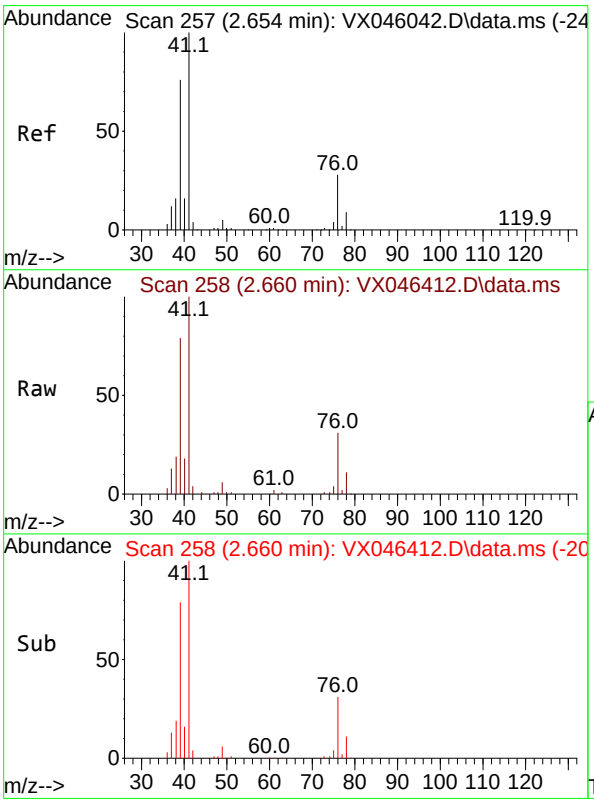
#13
Acrolein
Concen: 65.574 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 56 Resp: 16928

Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.2	84.4

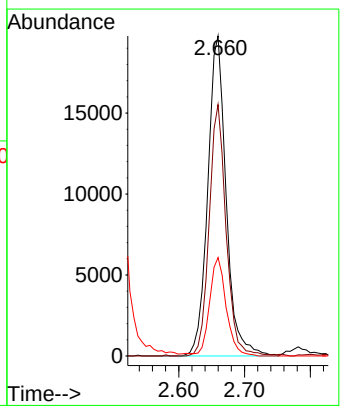


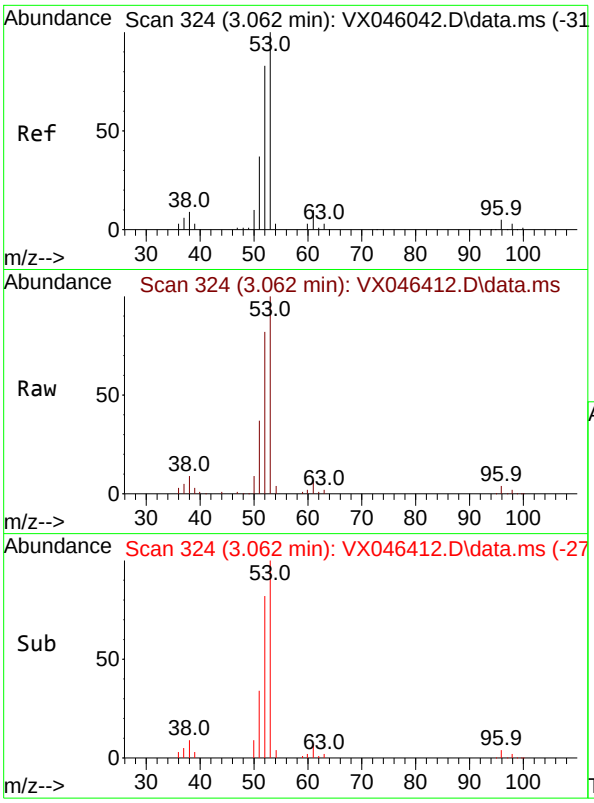


#14
Allyl chloride
Concen: 19.612 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 41 Resp: 38498

Ion	Ratio	Lower	Upper
41	100		
39	72.3	60.6	90.8
76	27.7	24.9	37.3



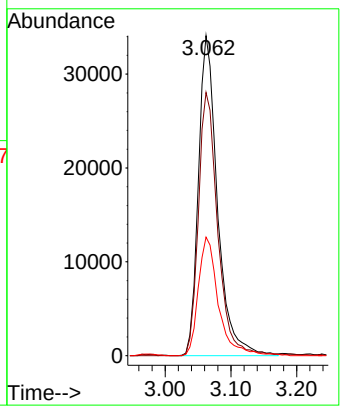


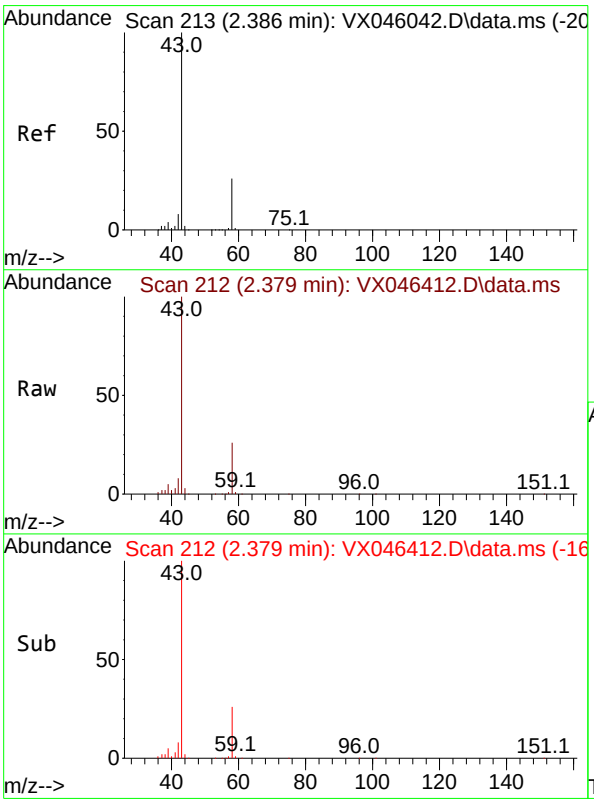
#15
Acrylonitrile
Concen: 106.181 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 53 Resp: 68823

Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.3	97.9
51	39.1	29.8	44.8

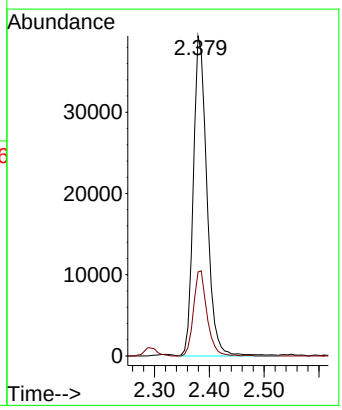


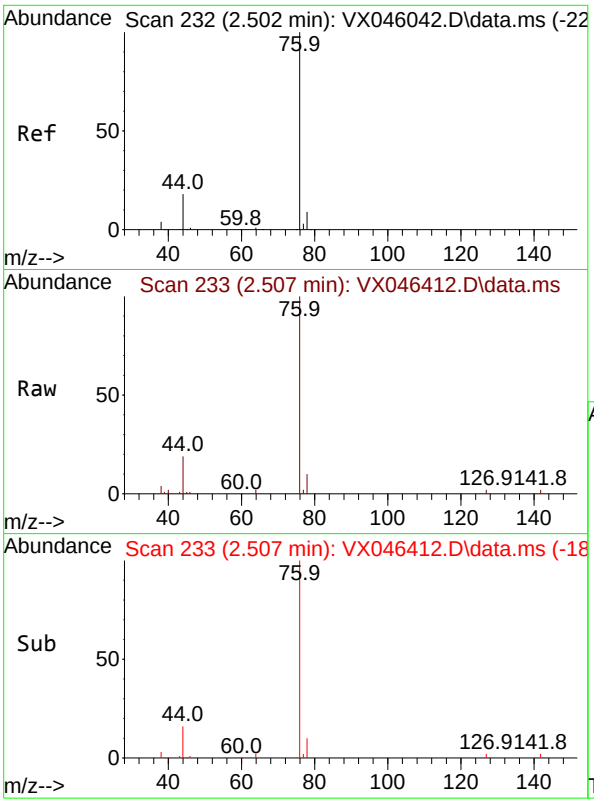


#16
Acetone
Concen: 105.220 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 68128

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.2	31.8



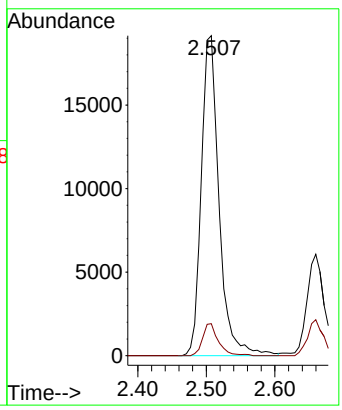


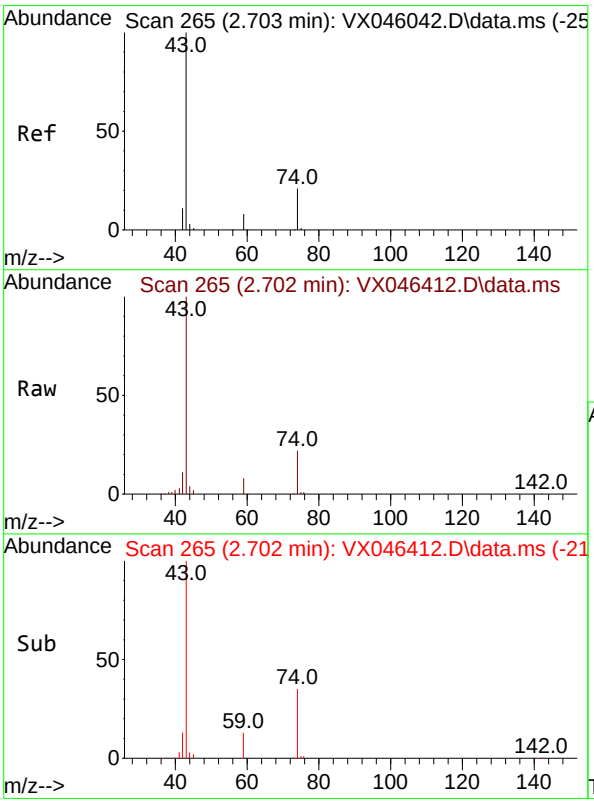
#17
Carbon Disulfide
Concen: 14.202 ug/l
RT: 2.507 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 76 Resp: 34583

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.4

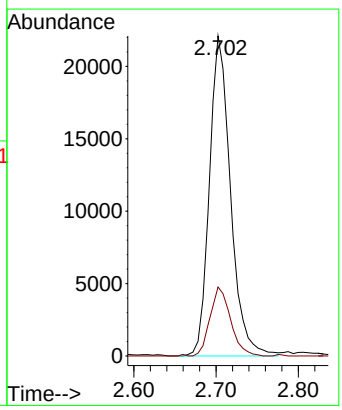


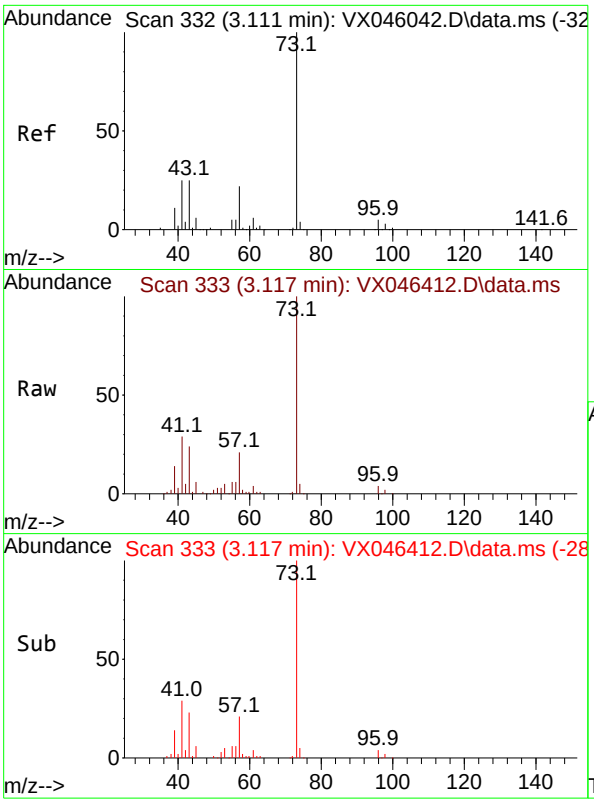


#18
Methyl Acetate
Concen: 26.295 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 39508

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1



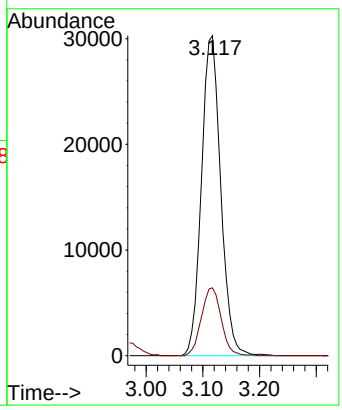


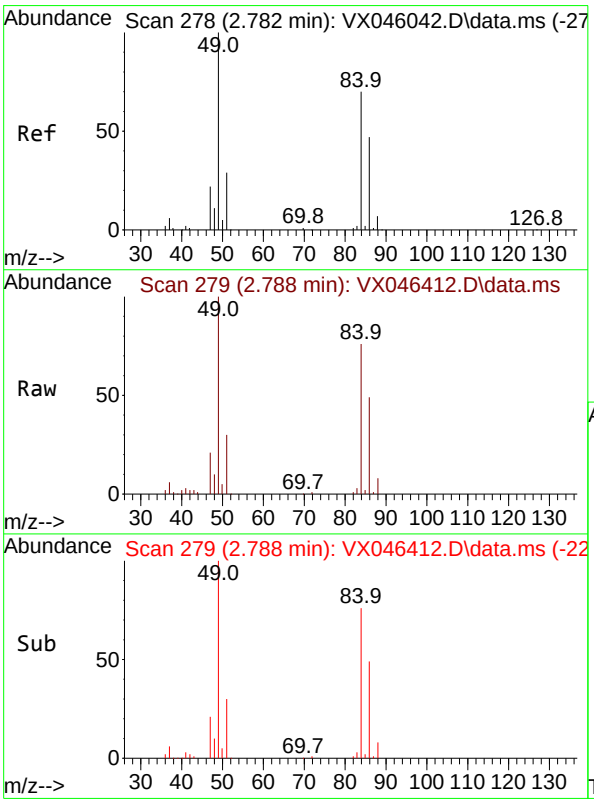
#19
Methyl tert-butyl Ether
Concen: 19.859 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 73 Resp: 71509

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

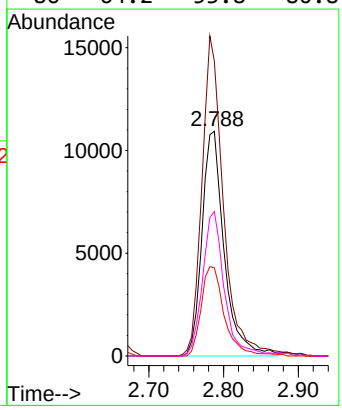


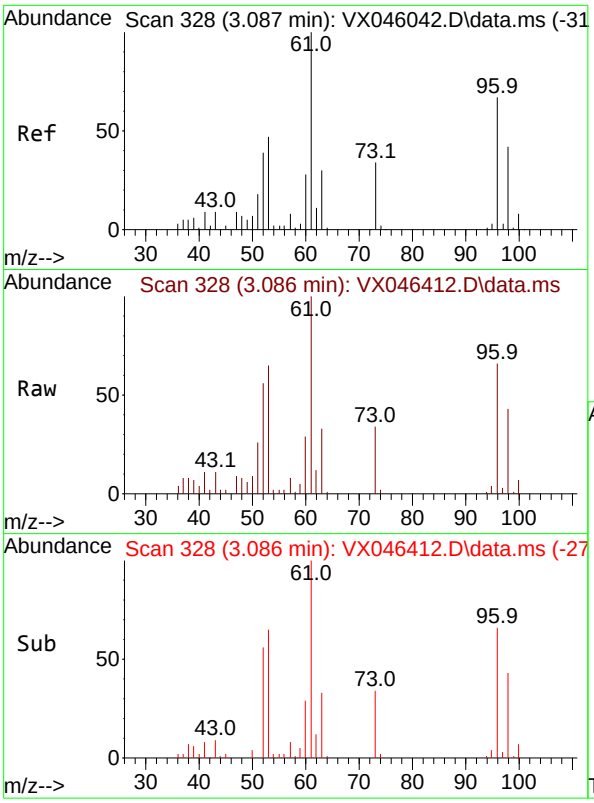


#20
Methylene Chloride
Concen: 18.160 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 84 Resp: 22533

Ion	Ratio	Lower	Upper
84	100		
49	131.2	113.9	170.9
51	39.3	33.5	50.3
86	64.2	53.8	80.8



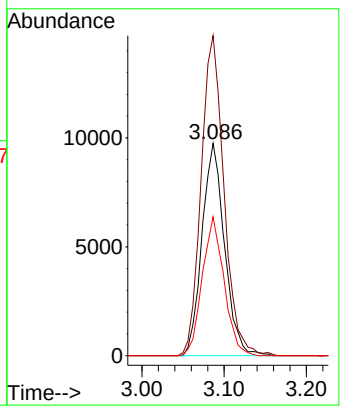


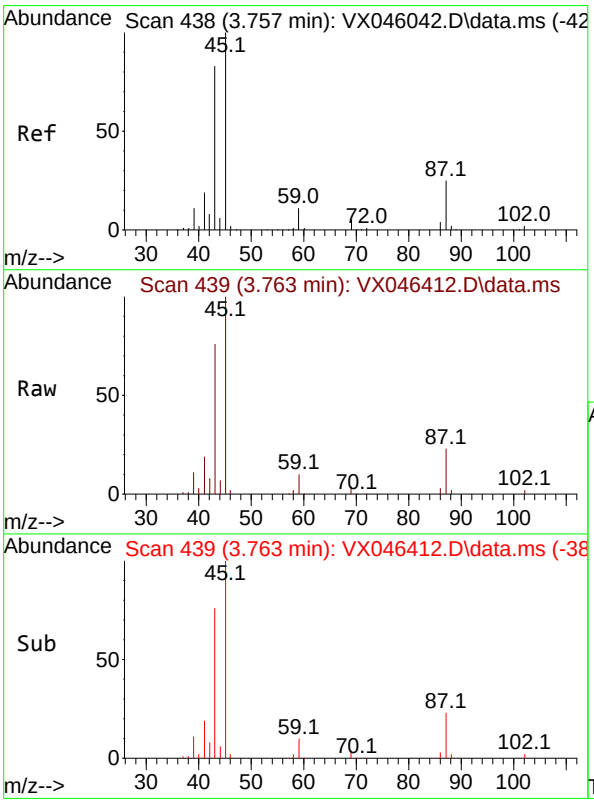
#21
trans-1,2-Dichloroethene
Concen: 17.967 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 96 Resp: 18558

Ion	Ratio	Lower	Upper
96	100		
61	150.8	119.5	179.3
98	65.5	50.0	75.0

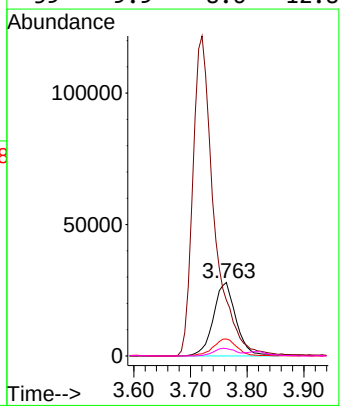


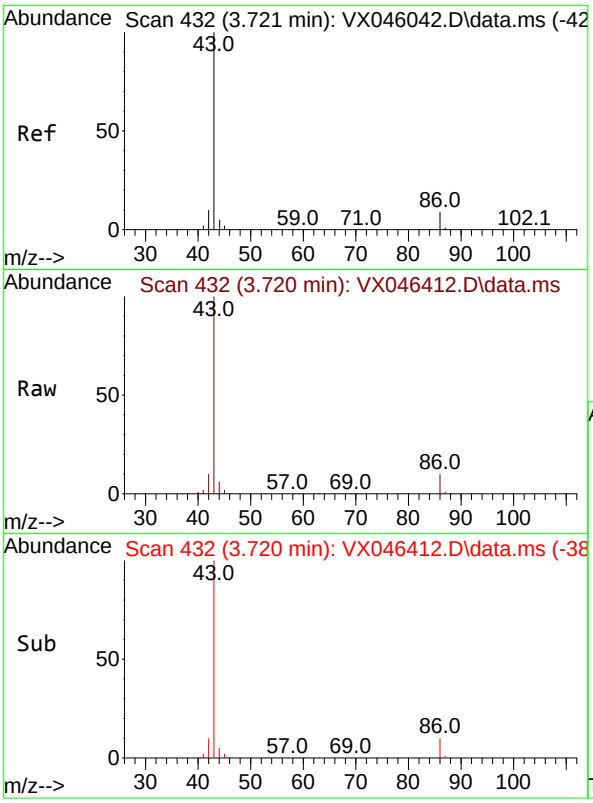


#22
Diisopropyl ether
Concen: 20.378 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 45 Resp: 77266

Ion	Ratio	Lower	Upper
45	100		
43	75.0	66.6	100.0
87	23.0	19.8	29.6
59	9.9	8.6	12.8



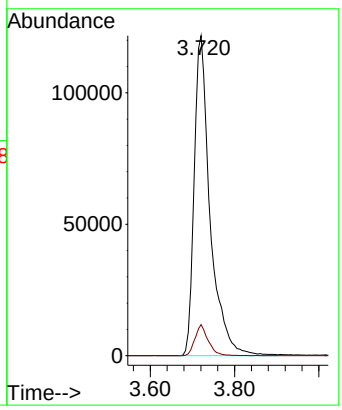


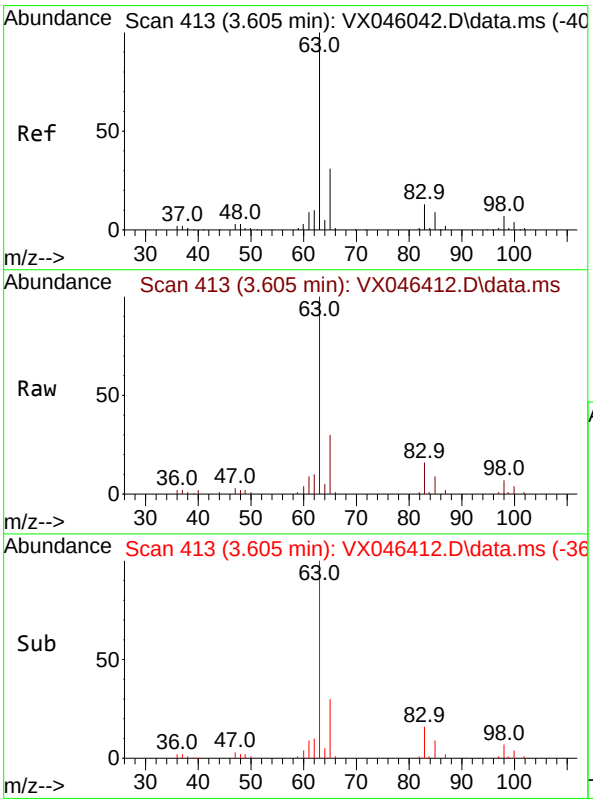
#23
Vinyl Acetate
Concen: 96.051 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 320325

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.5	11.3

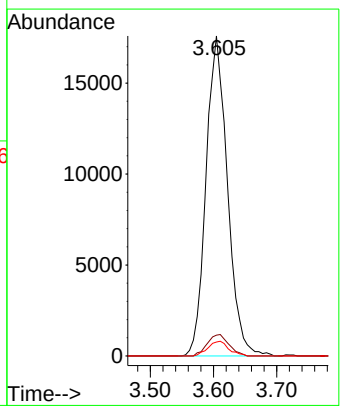


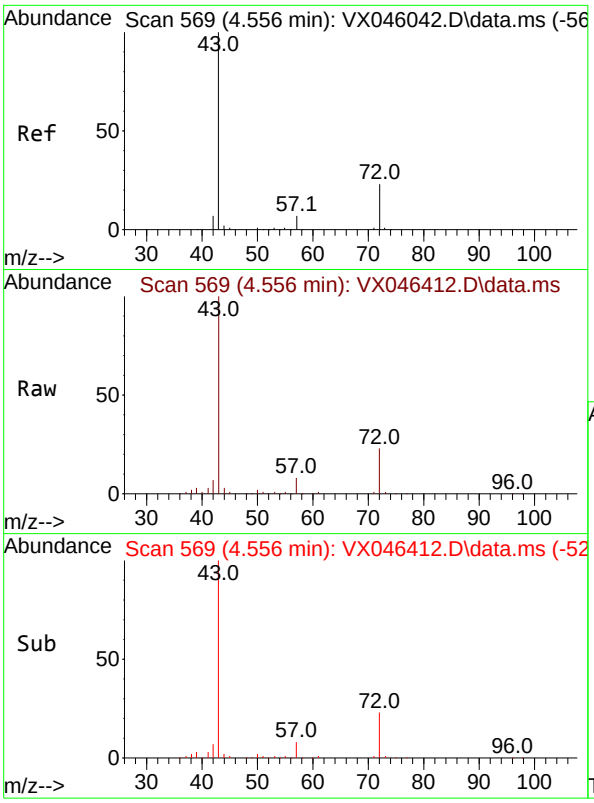


#24
1,1-Dichloroethane
Concen: 19.625 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 63 Resp: 41445

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.8
100	4.4	2.1	6.3



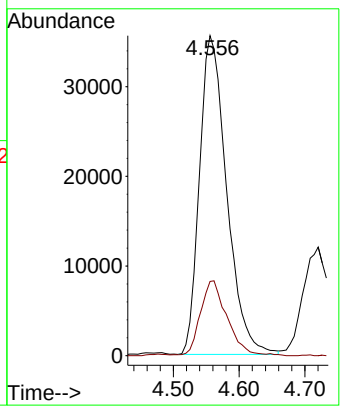


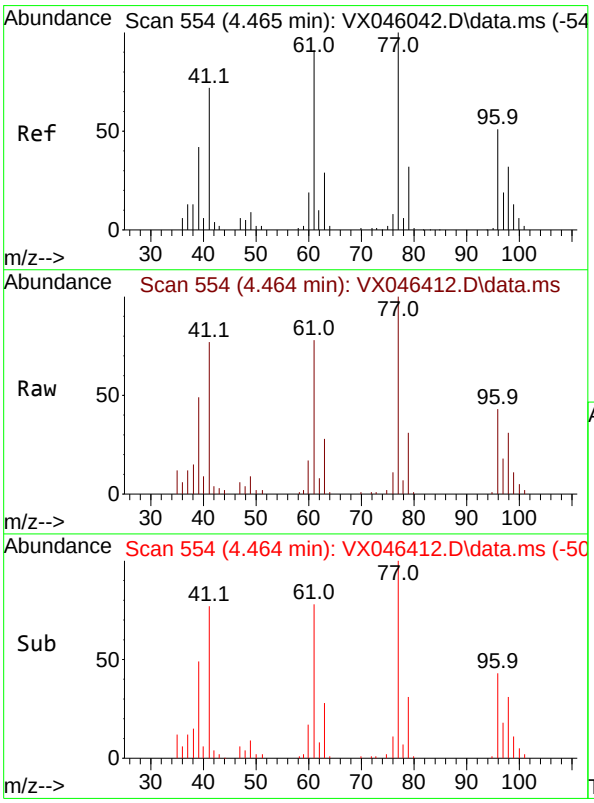
#25
2-Butanone
Concen: 108.864 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 102333

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6

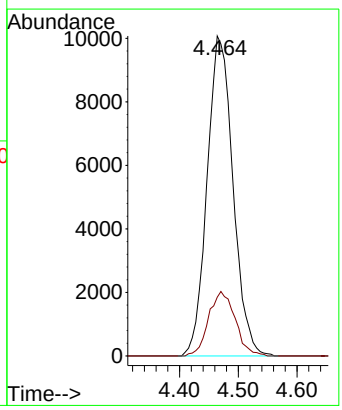


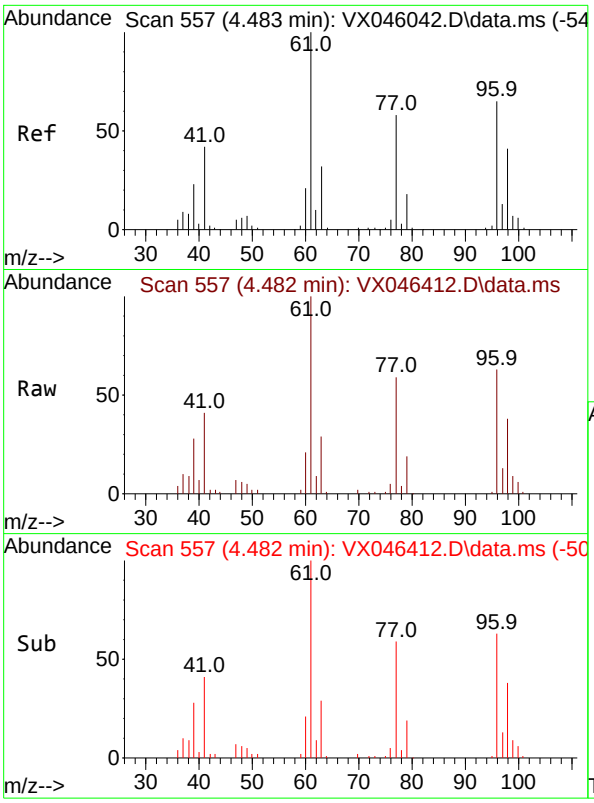


#26
2,2-Dichloropropane
Concen: 18.652 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 77 Resp: 30832

Ion	Ratio	Lower	Upper
77	100		
97	20.8	10.5	31.5



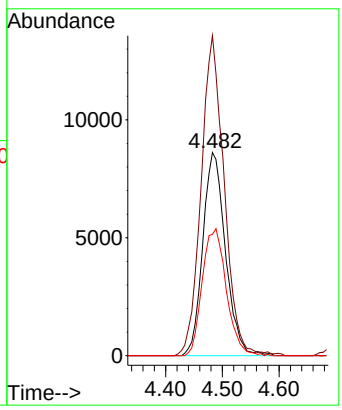


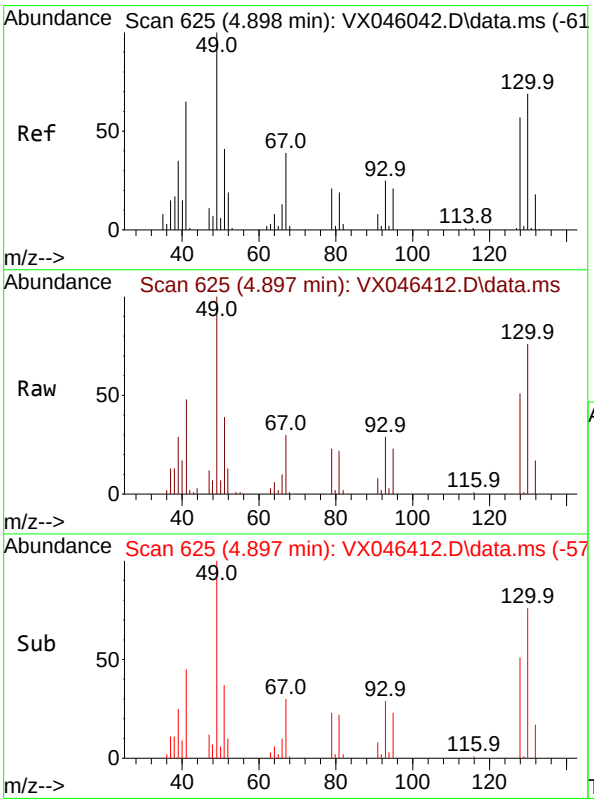
#27
cis-1,2-Dichloroethene
Concen: 19.276 ug/l
RT: 4.482 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 96 Resp: 23968

Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	322.8
98	66.3	0.0	129.0

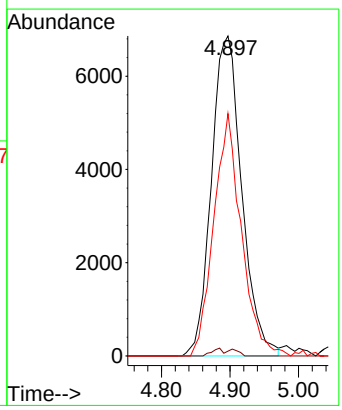


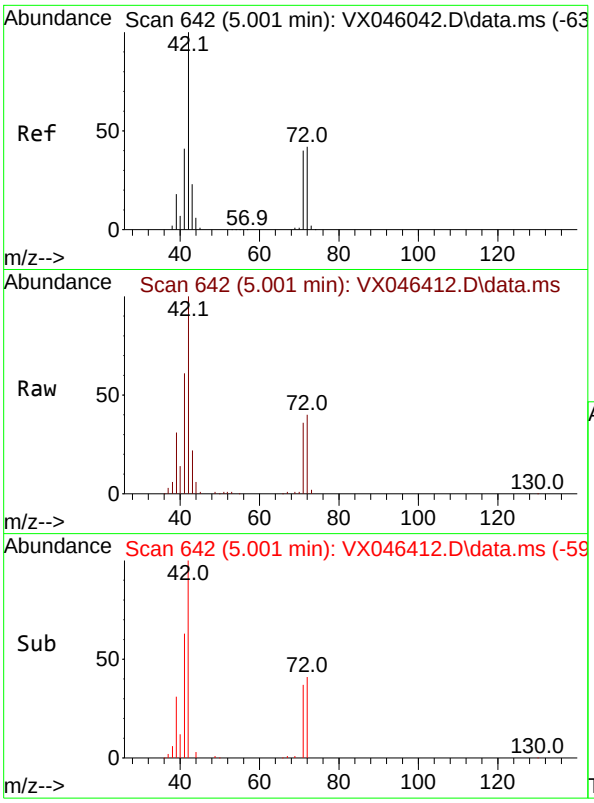


#28
Bromochloromethane
Concen: 20.745 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 49 Resp: 21089

Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.0
130	68.8	56.2	84.2



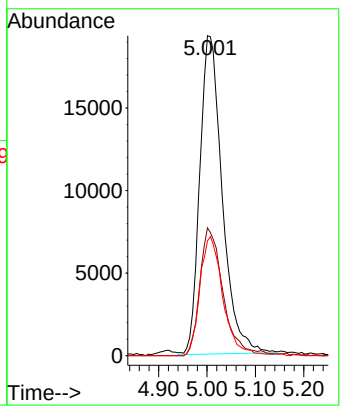


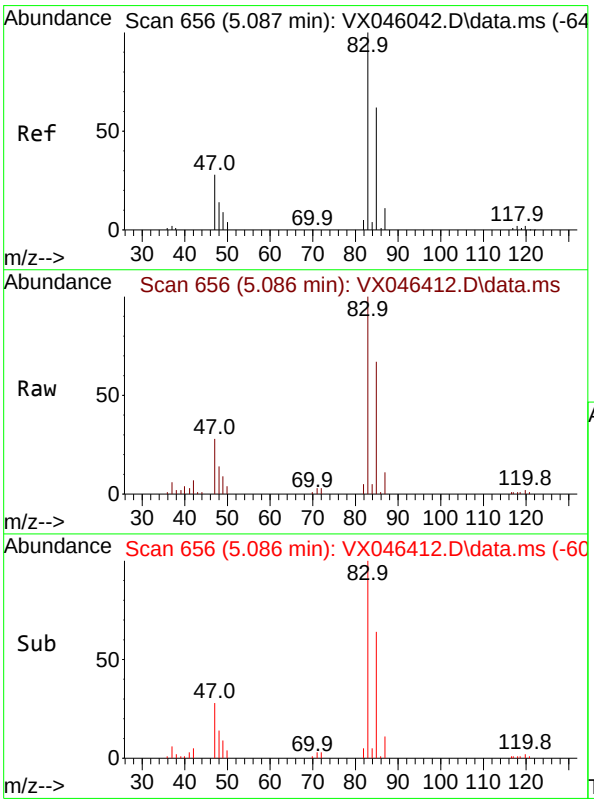
#29
Tetrahydrofuran
Concen: 105.935 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 42 Resp: 62399

Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	38.2	31.4	47.2

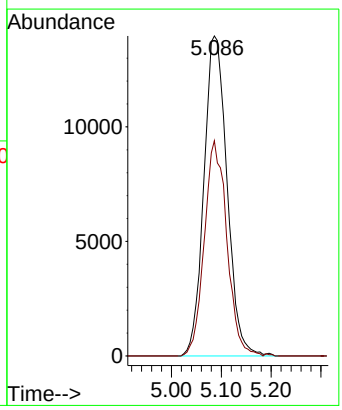


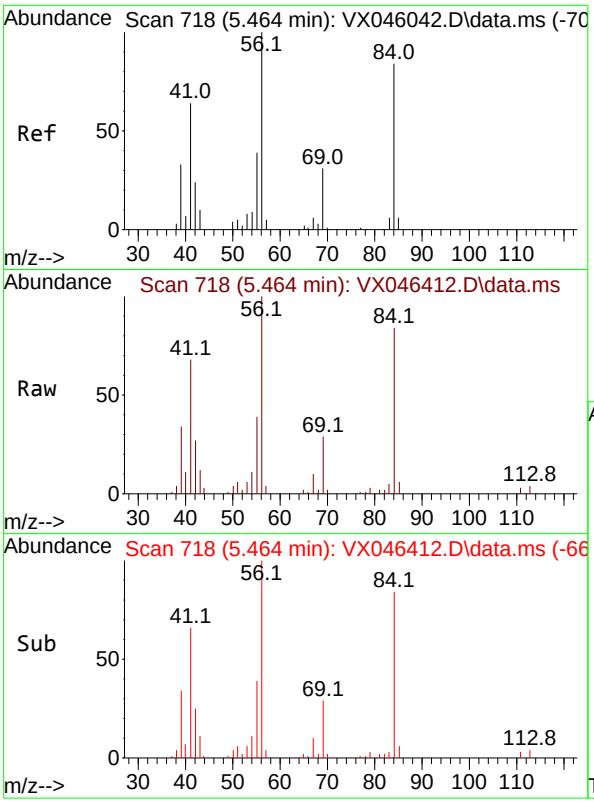


#30
Chloroform
Concen: 20.486 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 83 Resp: 45096

Ion	Ratio	Lower	Upper
83	100		
85	67.3	49.3	73.9



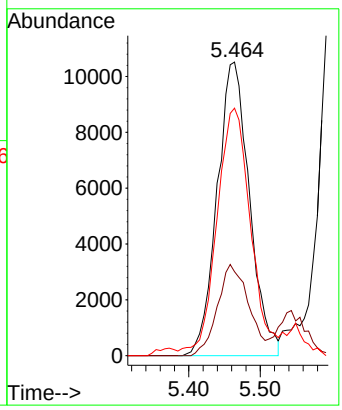


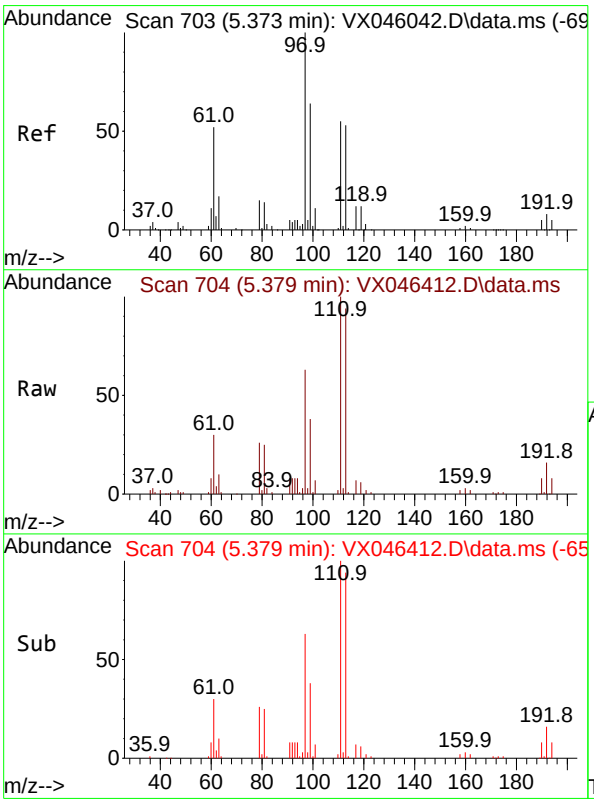
#31
Cyclohexane
Concen: 17.184 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 56 Resp: 33070

Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.4	36.6
84	82.7	66.9	100.3

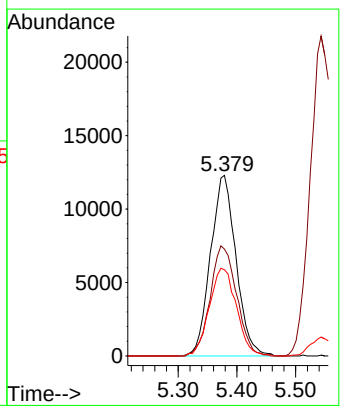


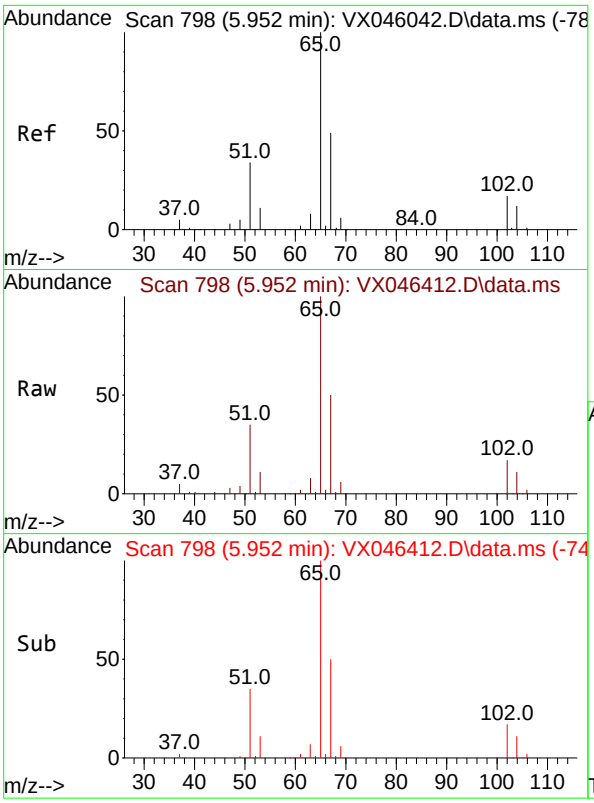


#32
1,1,1-Trichloroethane
Concen: 19.429 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 97 Resp: 37073

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.8	77.6
61	51.6	40.1	60.1



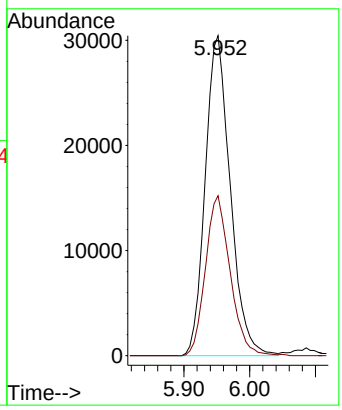


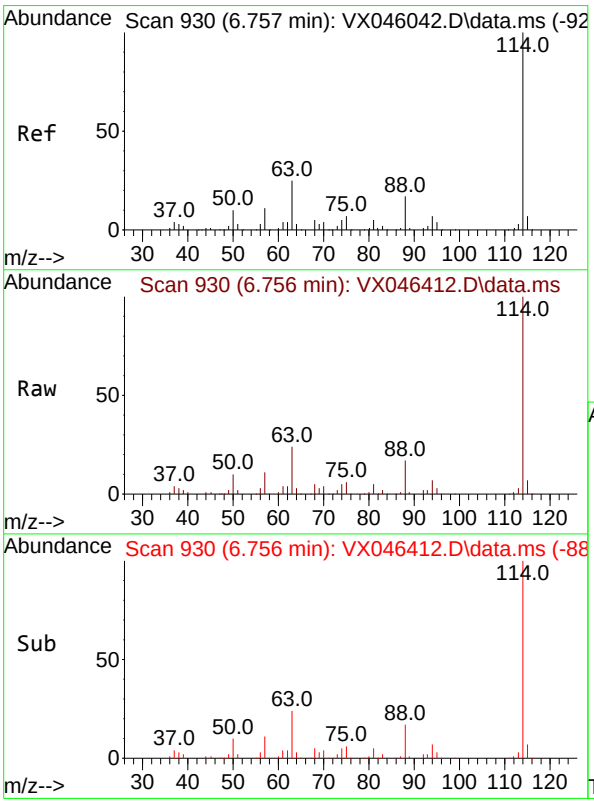
#33
1,2-Dichloroethane-d4
Concen: 49.899 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 65 Resp: 80579

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

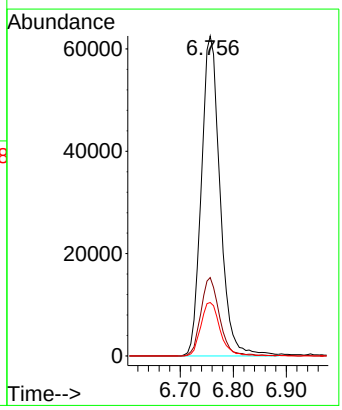


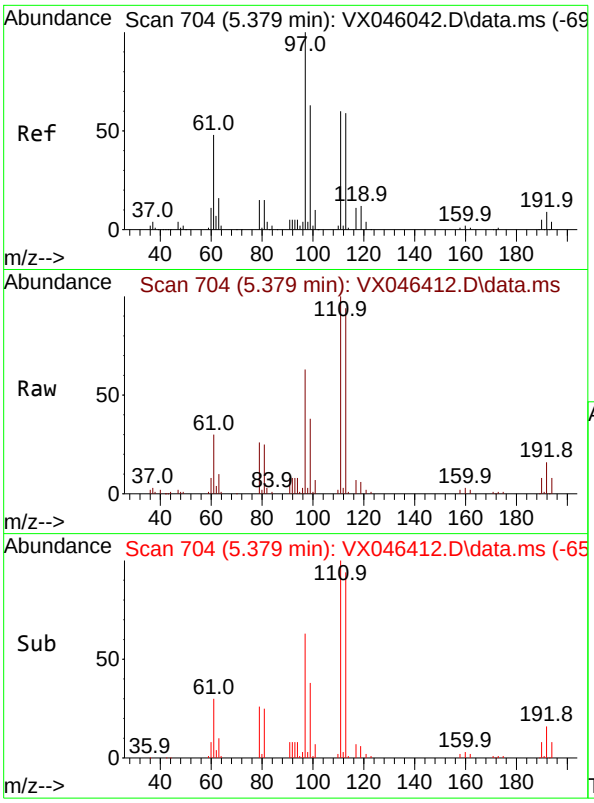


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:114 Resp: 153415

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.7	0.0	33.6



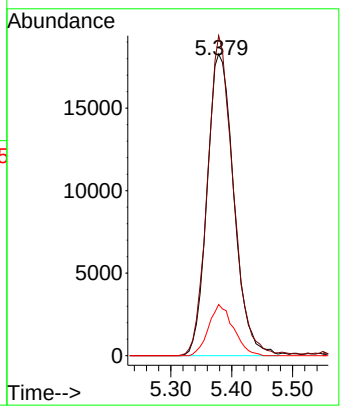


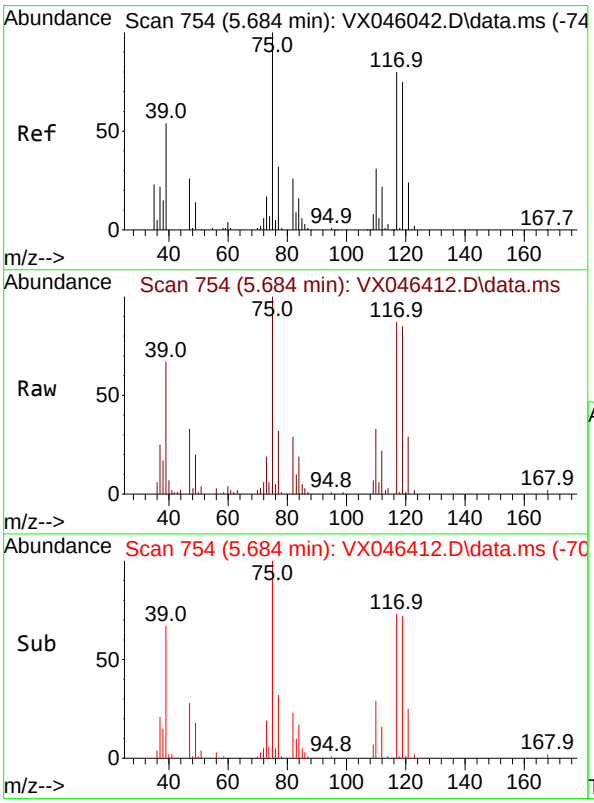
#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:113 Resp: 55654

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	15.8	13.3	19.9

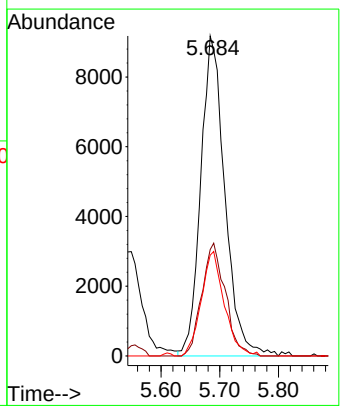


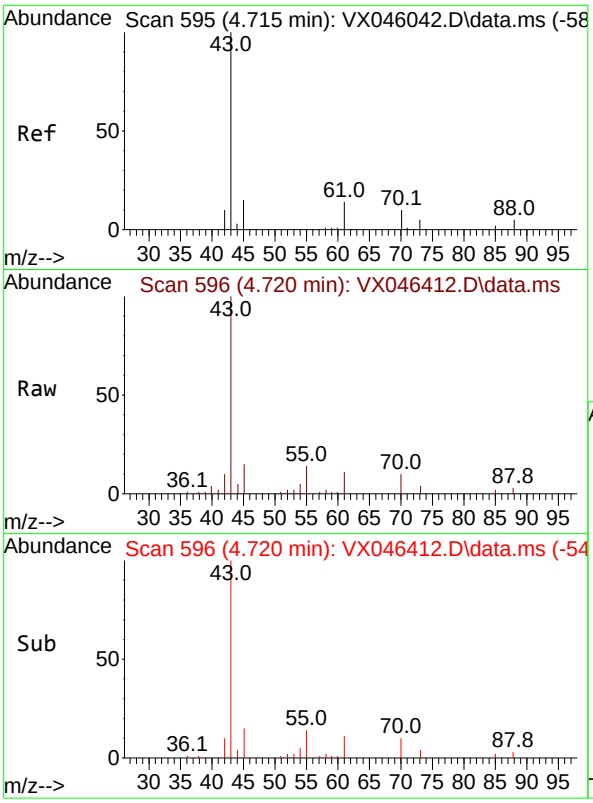


#36
1,1-Dichloropropene
Concen: 17.643 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 26188

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.3	48.9
77	31.2	24.3	36.5



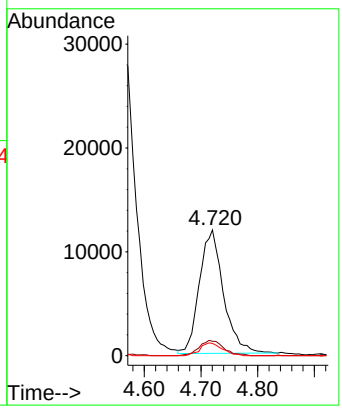


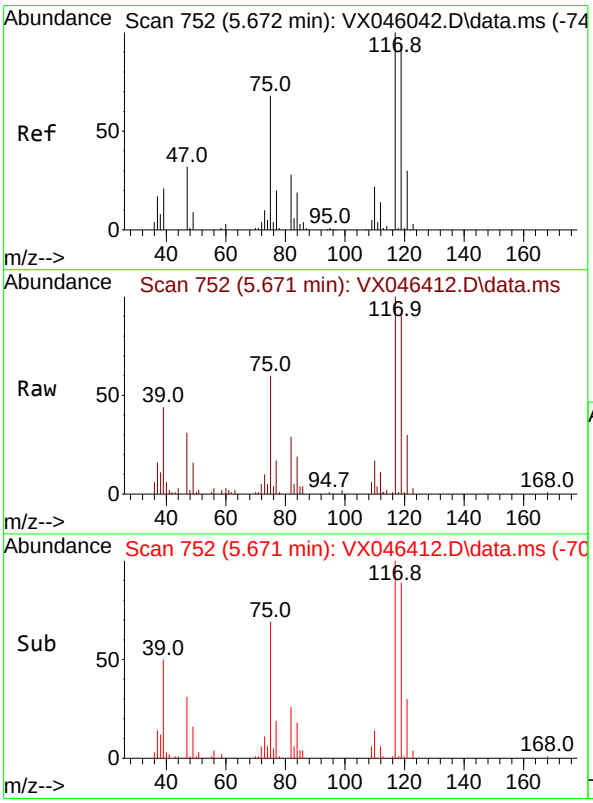
#37
Ethyl Acetate
Concen: 19.137 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 35095

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	9.5	7.9	11.9

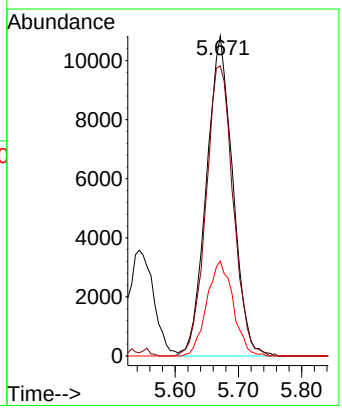


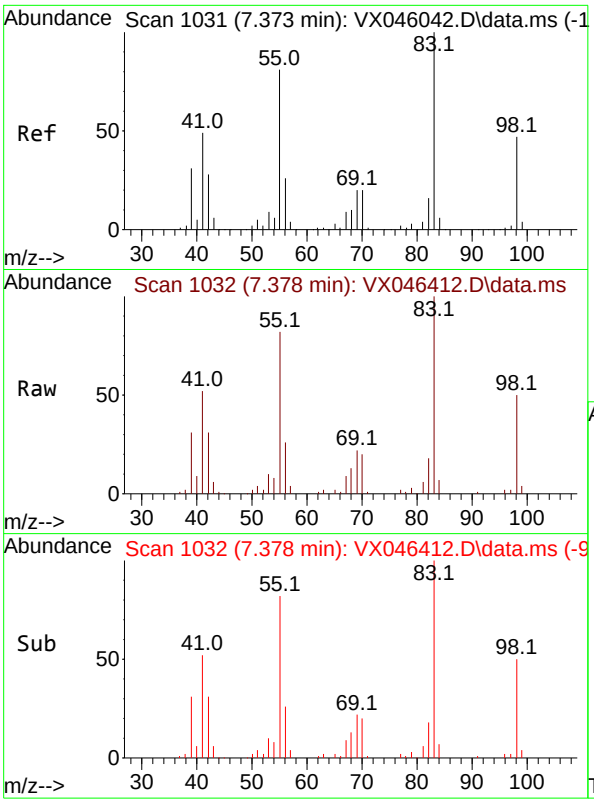


#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:117 Resp: 31244

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.2	112.8
121	29.6	24.2	36.4



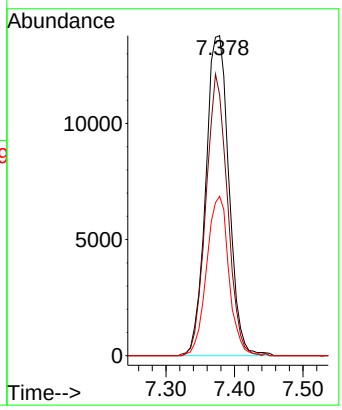


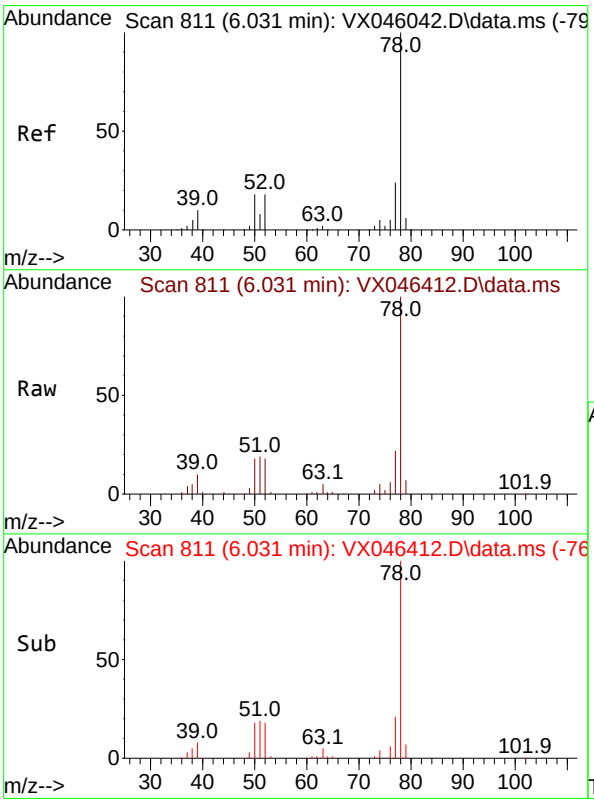
#39
Methylcyclohexane
Concen: 16.928 ug/l
RT: 7.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 83 Resp: 32348

Ion	Ratio	Lower	Upper
83	100		
55	81.6	64.7	97.1
98	49.8	37.4	56.2

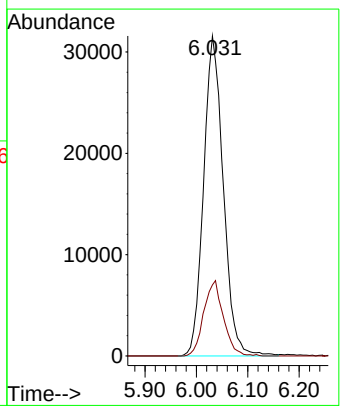


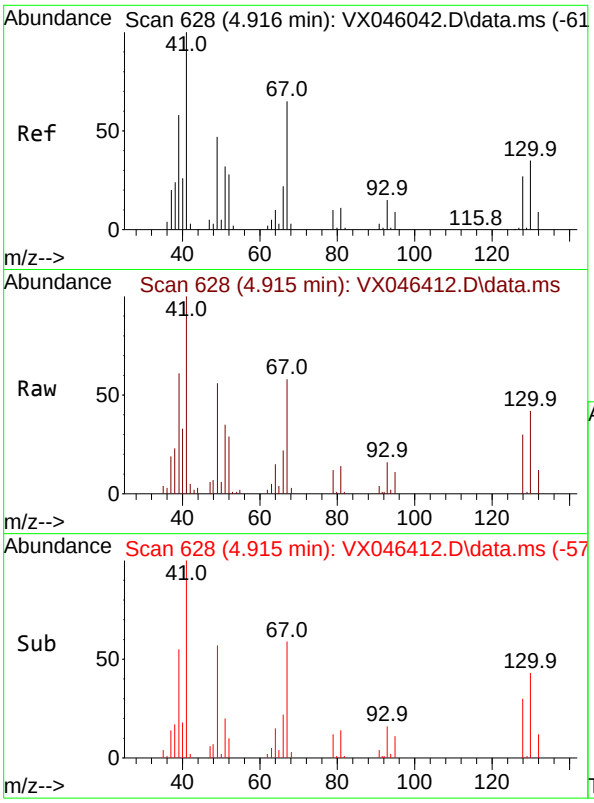


#40
Benzene
Concen: 19.331 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 78 Resp: 84048

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.4



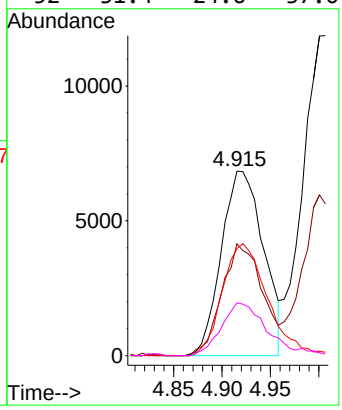


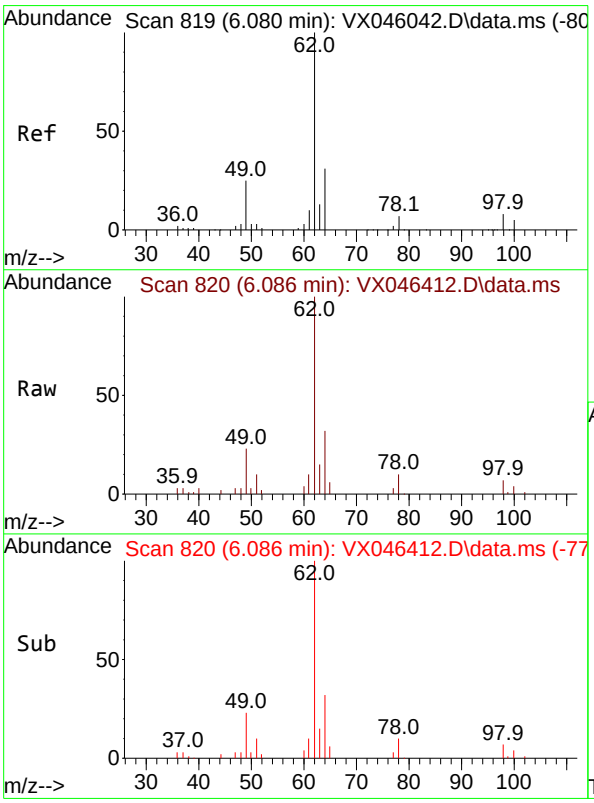
#41
Methacrylonitrile
Concen: 21.599 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 41 Resp: 20721

Ion	Ratio	Lower	Upper
41	100		
39	58.3	47.2	70.8
67	65.5	50.7	76.1
52	31.4	24.6	37.0

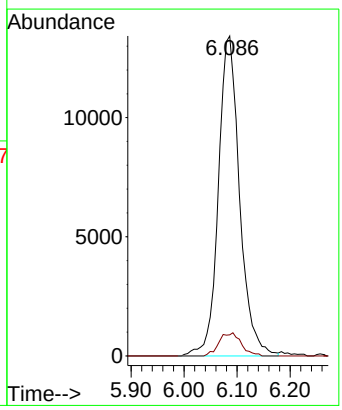


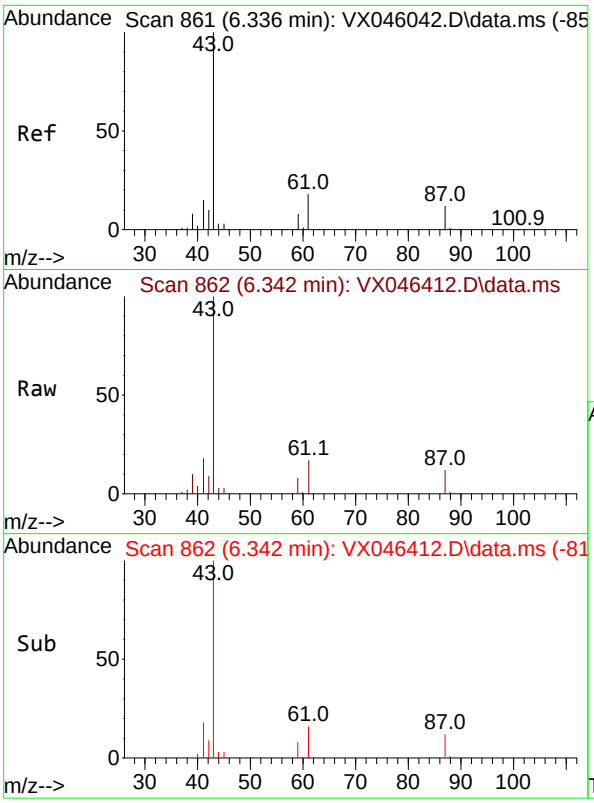


#42
1,2-Dichloroethane
Concen: 19.930 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 62 Resp: 37398

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2



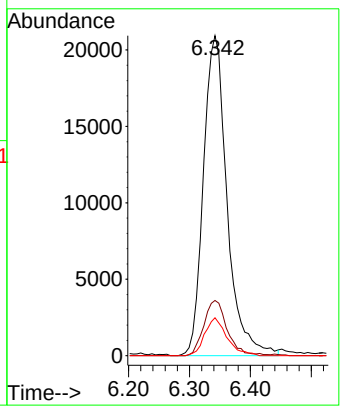


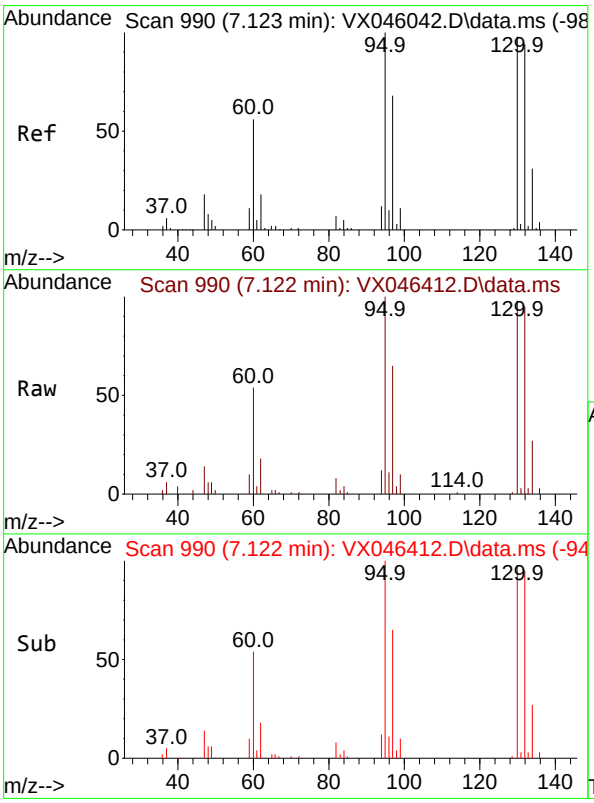
#43
Isopropyl Acetate
Concen: 20.214 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 56552

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.3	21.5
87	11.1	9.5	14.3

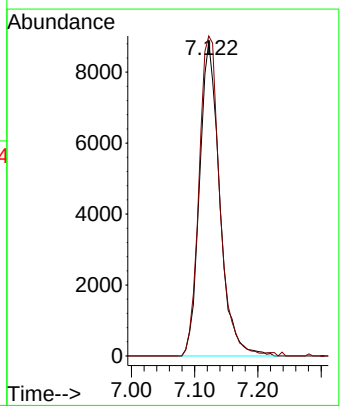


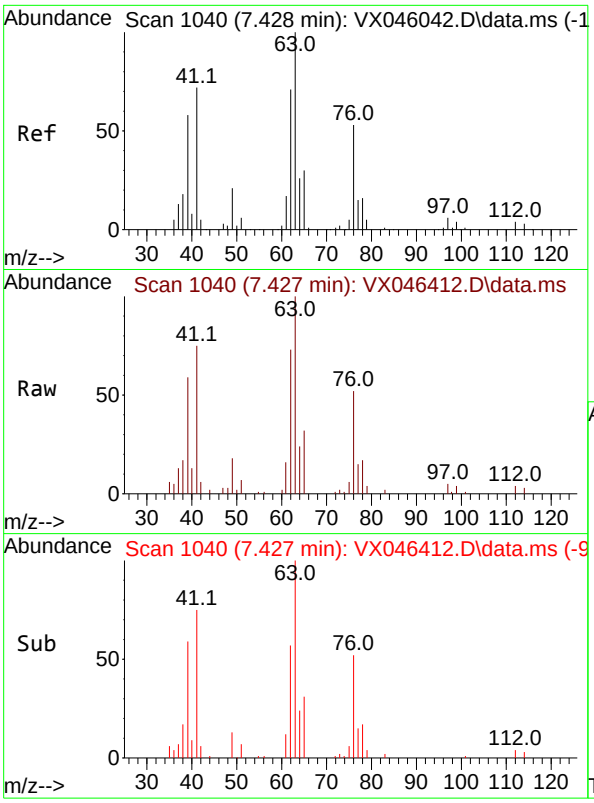


#44
Trichloroethene
Concen: 18.758 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:130 Resp: 19629

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	204.2



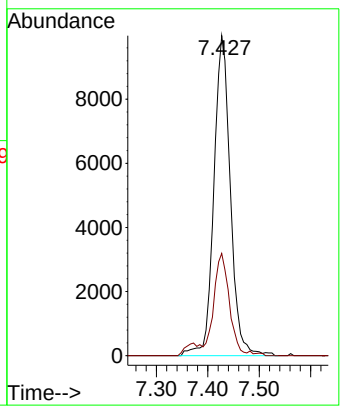


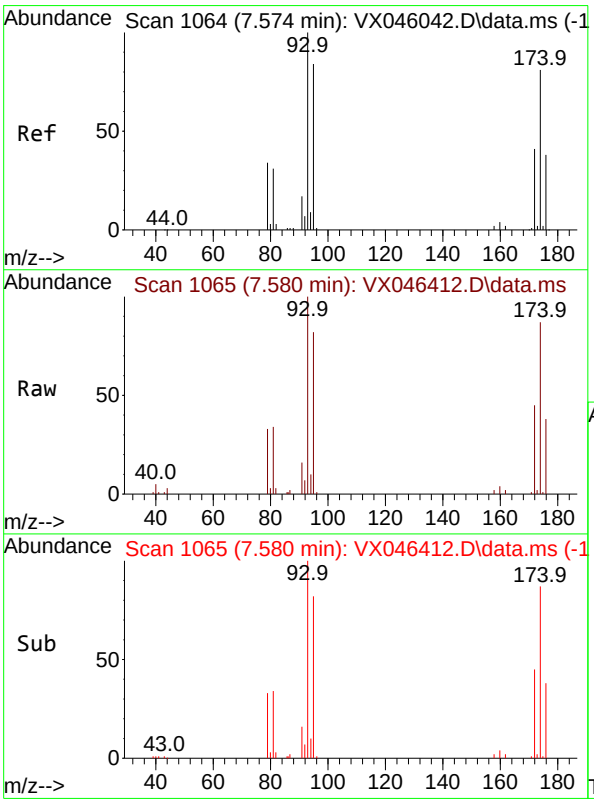
#45
1,2-Dichloropropane
Concen: 20.615 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 63 Resp: 22287

Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.1	36.1

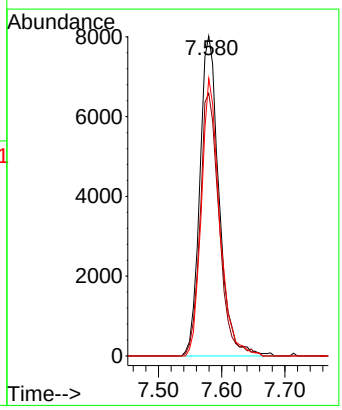


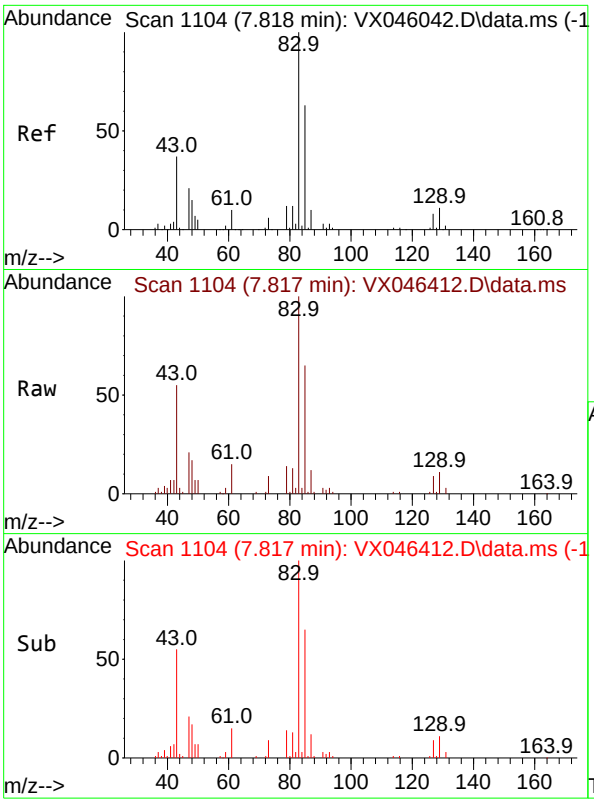


#46
Dibromomethane
Concen: 19.874 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 93 Resp: 16946

Ion	Ratio	Lower	Upper
93	100		
95	81.4	65.6	98.4
174	82.4	68.2	102.2



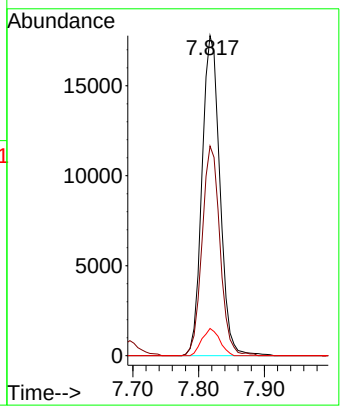


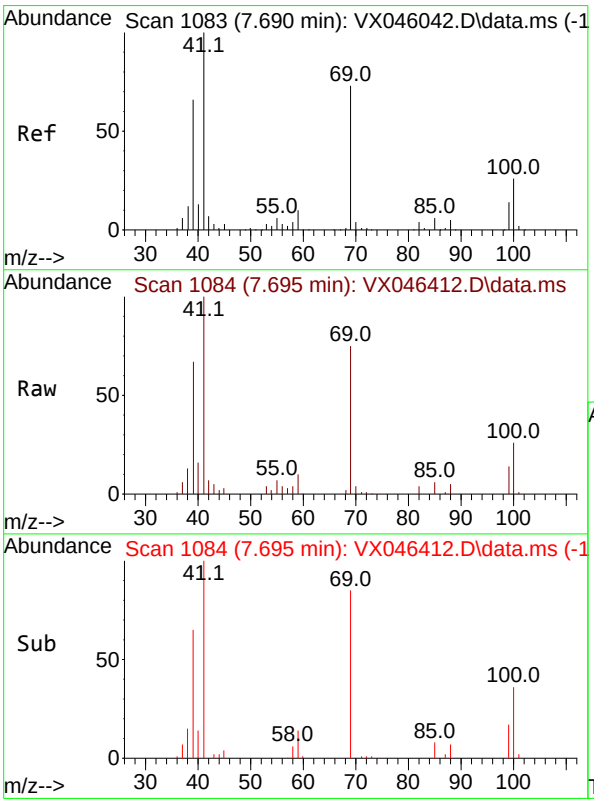
#47
Bromodichloromethane
Concen: 20.078 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 83 Resp: 33719

Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.5	75.7
127	8.5	6.5	9.7

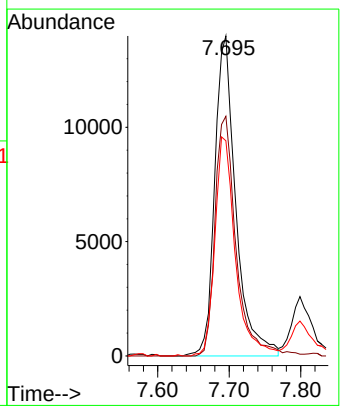


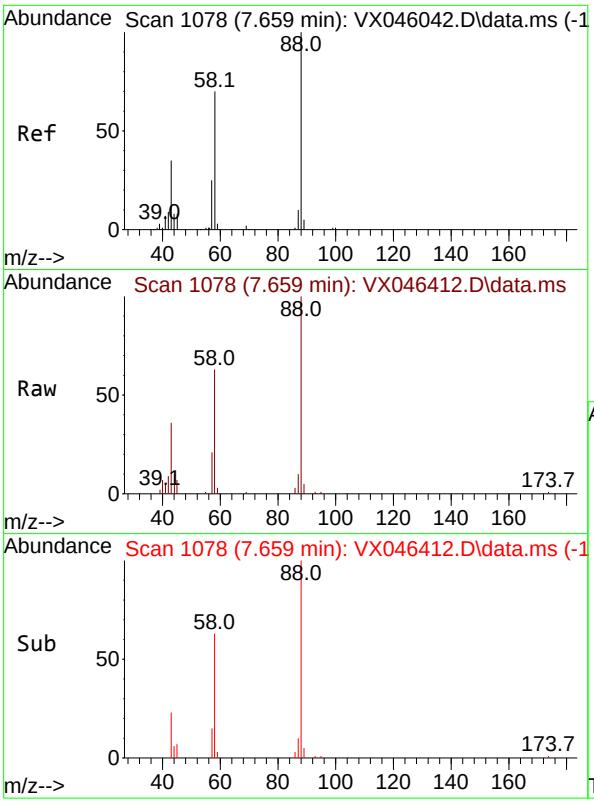


#48
Methyl methacrylate
Concen: 20.072 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 41 Resp: 28679

Ion	Ratio	Lower	Upper
41	100		
69	75.2	58.5	87.7
39	66.6	51.7	77.5



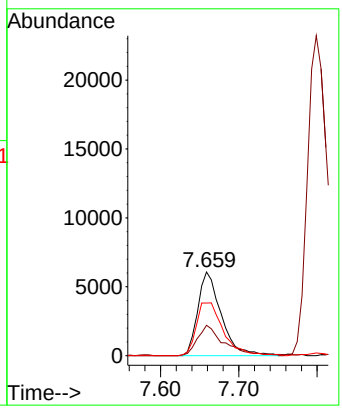


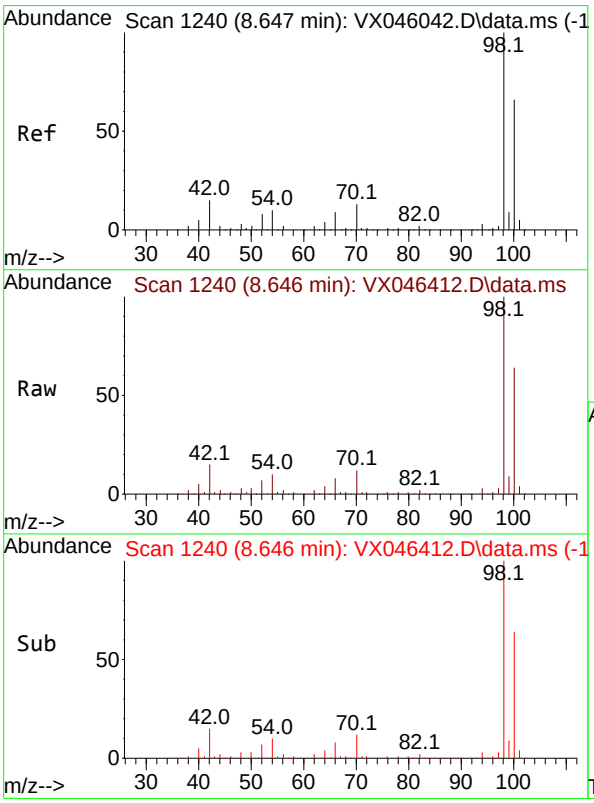
#49
1,4-Dioxane
Concen: 464.881 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 88 Resp: 12612

Ion	Ratio	Lower	Upper
88	100		
43	41.2	33.4	50.2
58	73.1	58.6	88.0

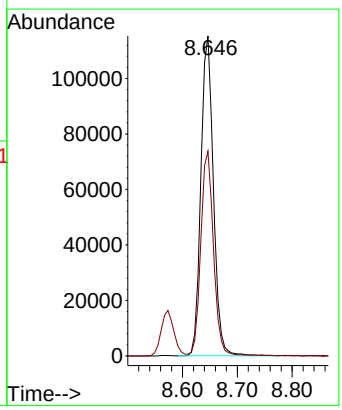


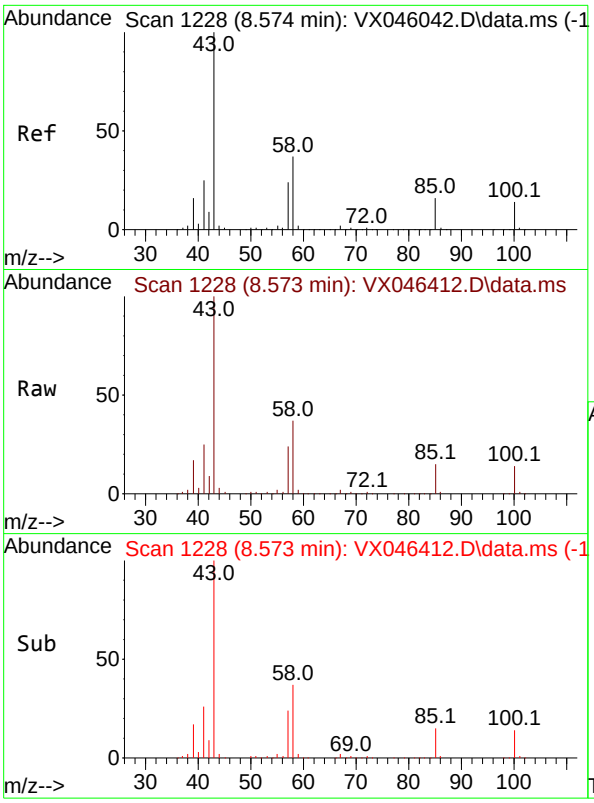


#50
Toluene-d8
Concen: 47.801 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 98 Resp: 182778

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3



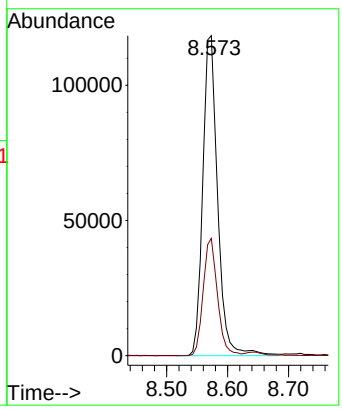


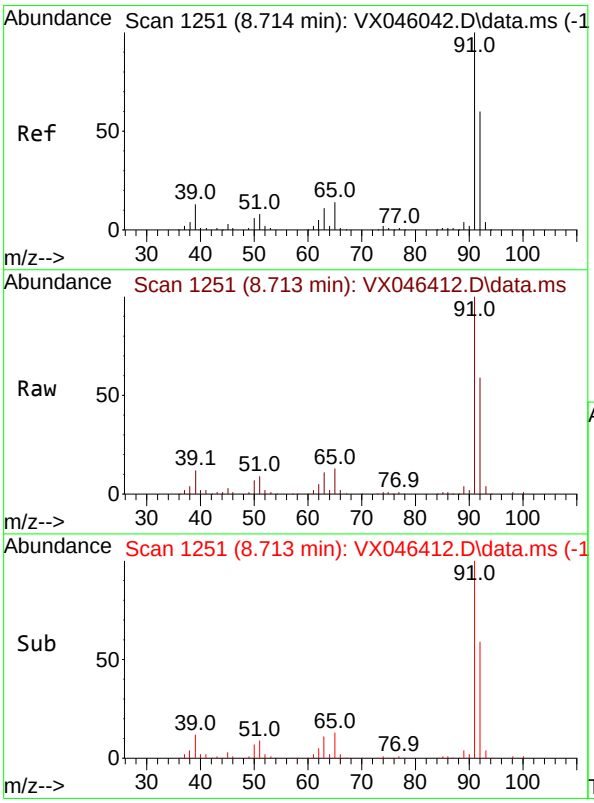
#51
4-Methyl-2-Pentanone
Concen: 108.190 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 200919

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.9	43.3

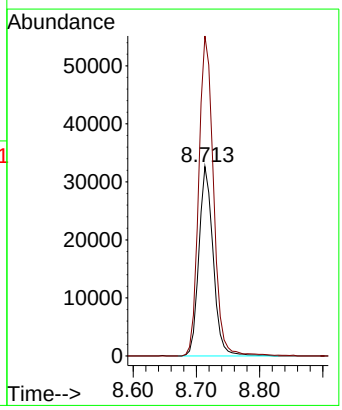


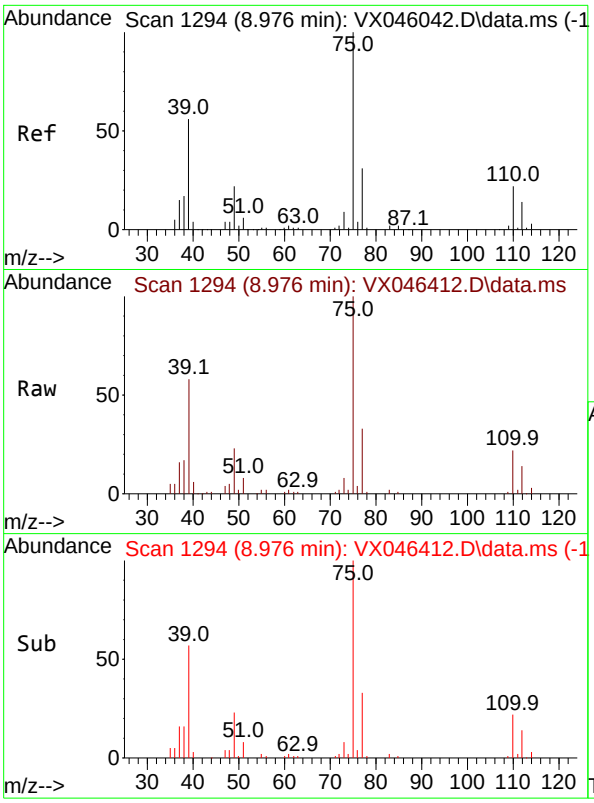


#52
Toluene
Concen: 19.222 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 92 Resp: 51245

Ion	Ratio	Lower	Upper
92	100		
91	175.7	136.6	205.0



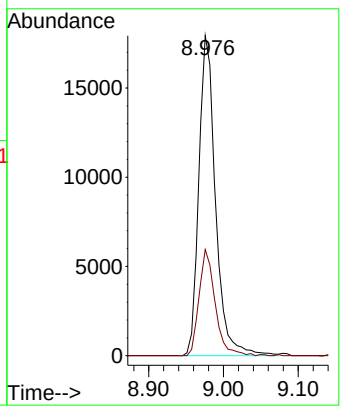


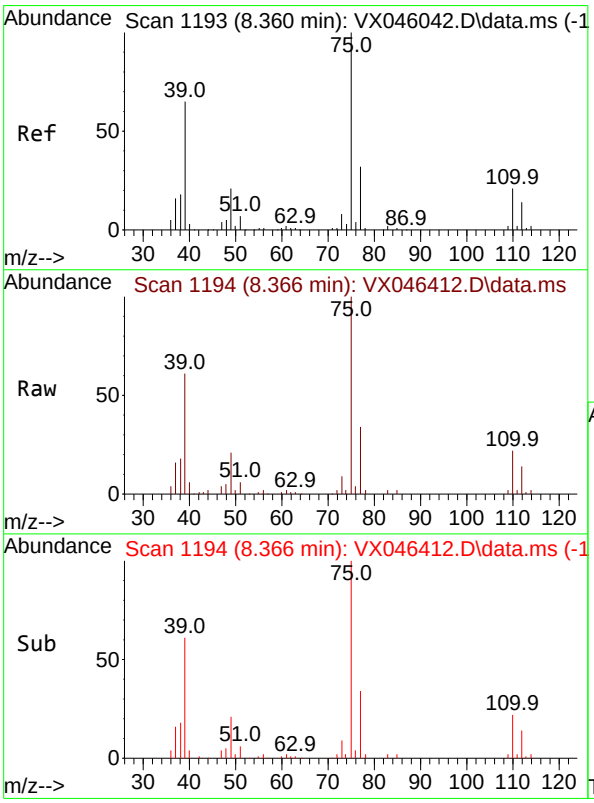
#53
t-1,3-Dichloropropene
Concen: 18.656 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 75 Resp: 27848

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.6

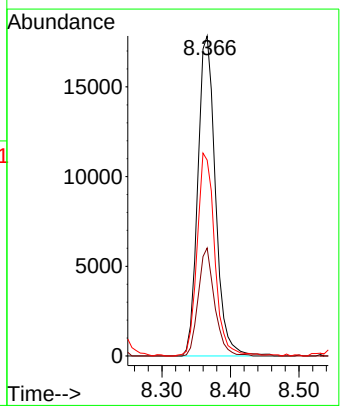


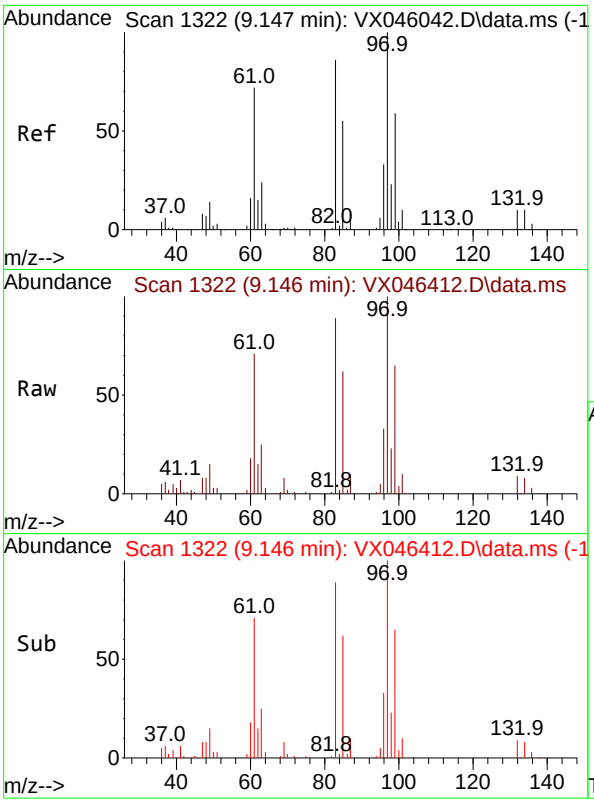


#54
cis-1,3-Dichloropropene
Concen: 19.381 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 31975

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.0
39	60.9	52.2	78.4



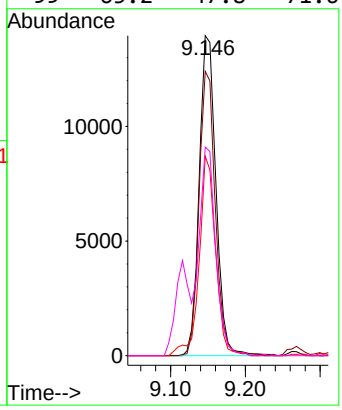


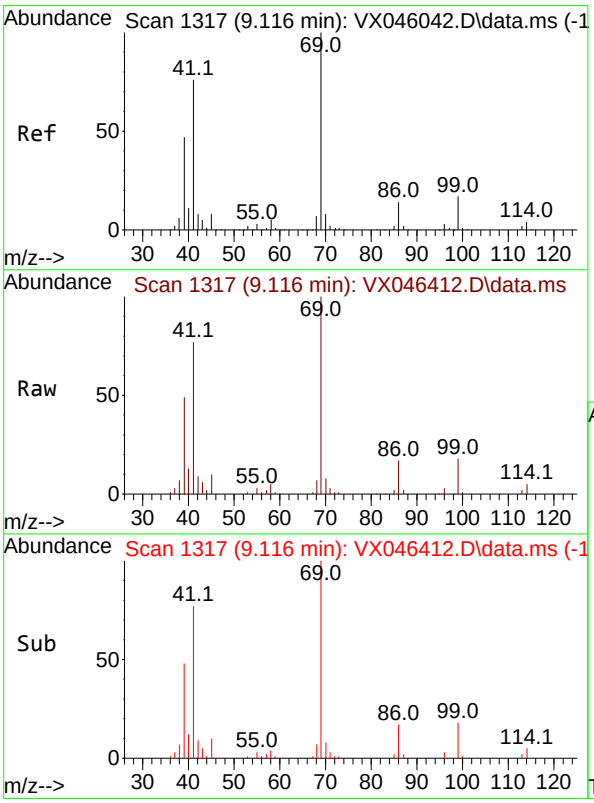
#55
1,1,2-Trichloroethane
Concen: 20.648 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 97 Resp: 21705

Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.0	103.6
85	62.4	44.3	66.5
99	65.2	47.8	71.6

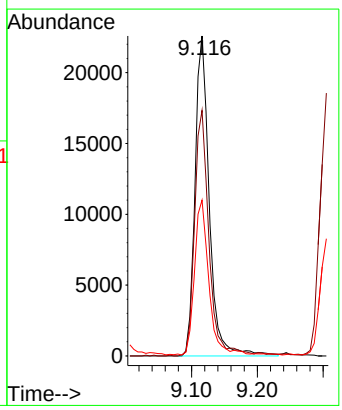


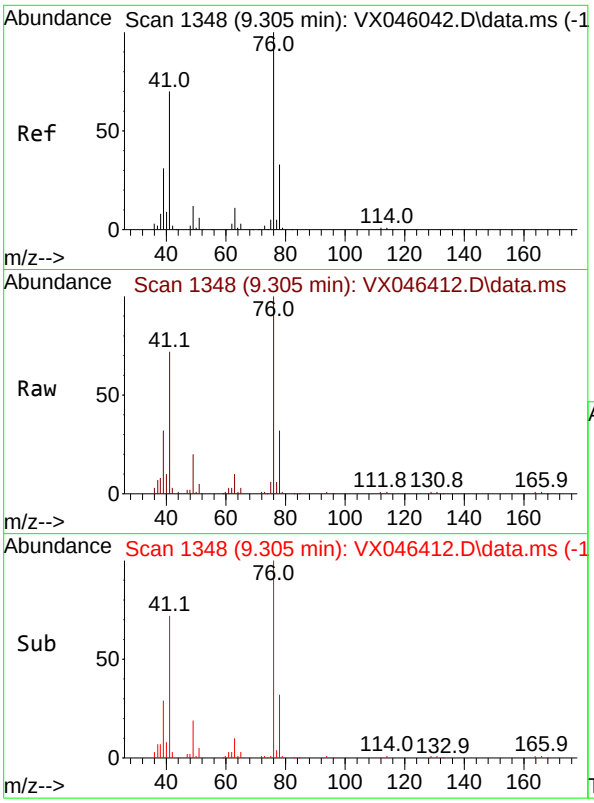


#56
Ethyl methacrylate
Concen: 20.387 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 69 Resp: 34157

Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	48.1	39.0	58.6



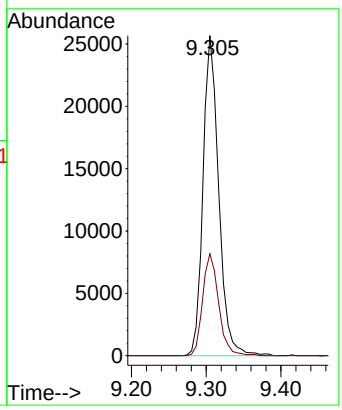


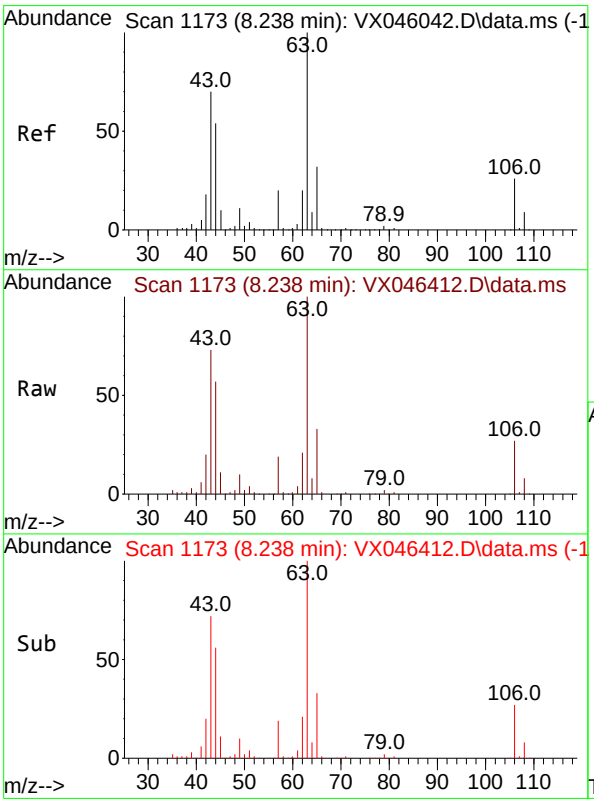
#57
1,3-Dichloropropane
Concen: 19.828 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 76 Resp: 37433

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5

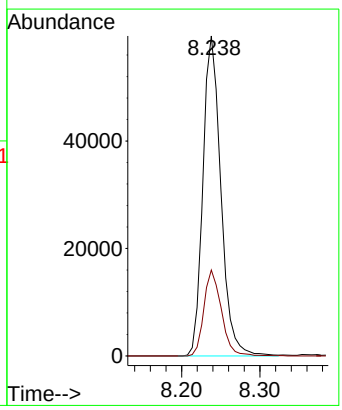


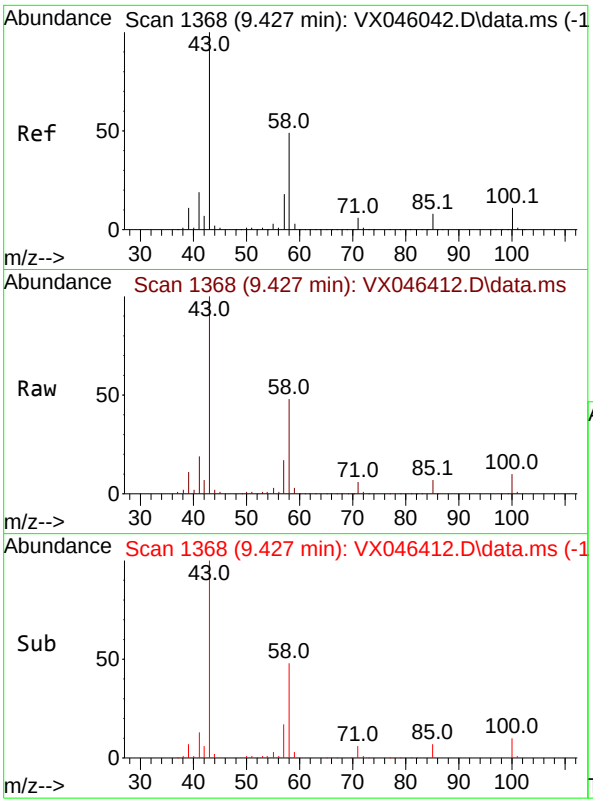


#58
2-Chloroethyl Vinyl ether
Concen: 111.083 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 63 Resp: 94881

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.5	32.3



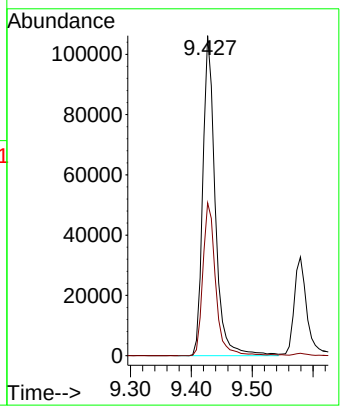


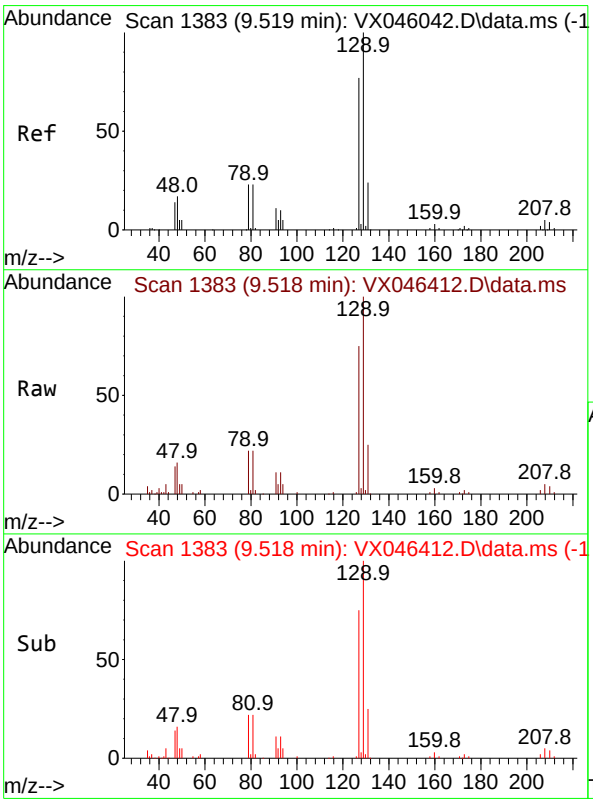
#59
2-Hexanone
Concen: 109.854 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 43 Resp: 150933

Ion	Ratio	Lower	Upper
43	100		
58	48.8	24.9	74.6

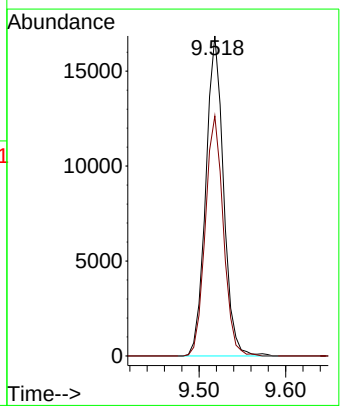


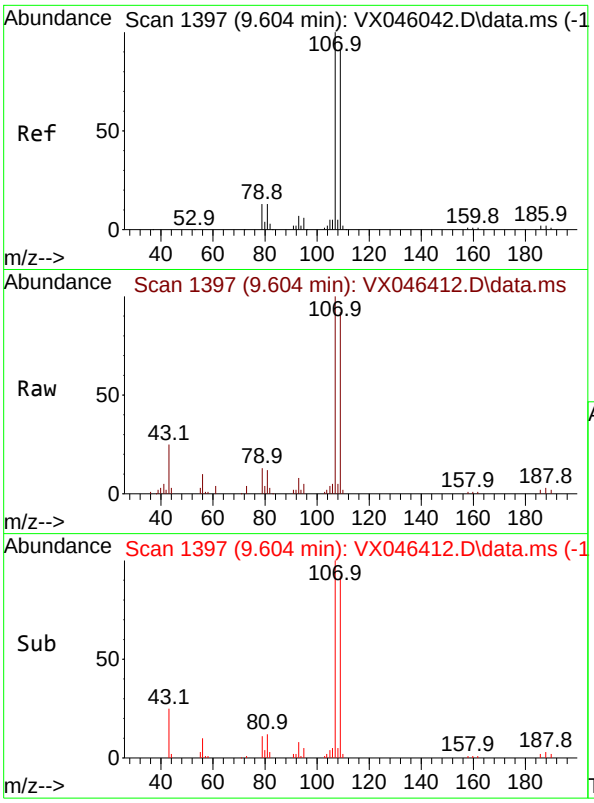


#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:129 Resp: 23960

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.3	117.8



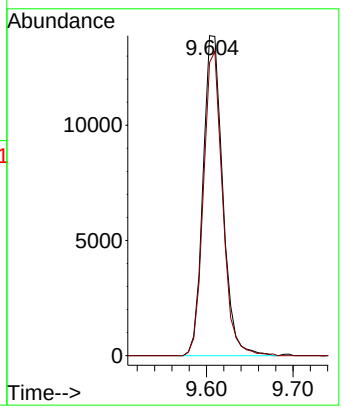


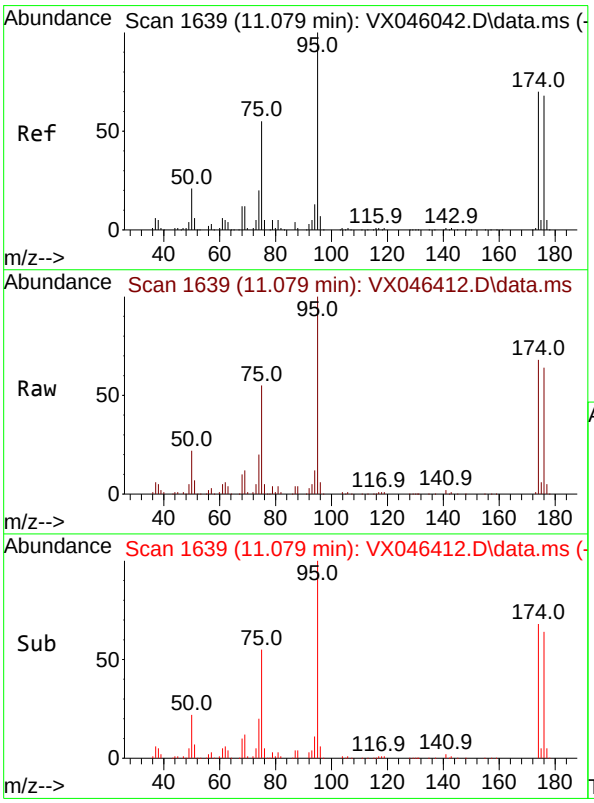
#61
1,2-Dibromoethane
Concen: 20.076 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:107 Resp: 21935

Ion	Ratio	Lower	Upper
107	100		
109	92.4	73.3	109.9

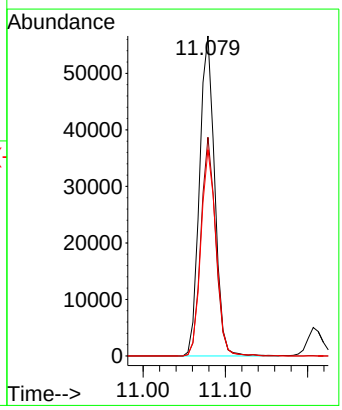


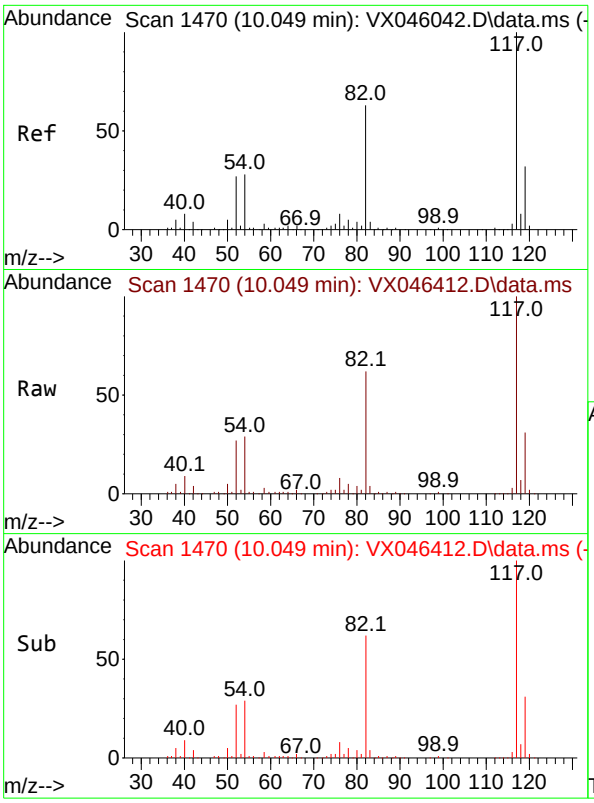


#62
4-Bromofluorobenzene
Concen: 49.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 95 Resp: 72518

Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	135.8
176	64.5	0.0	131.4



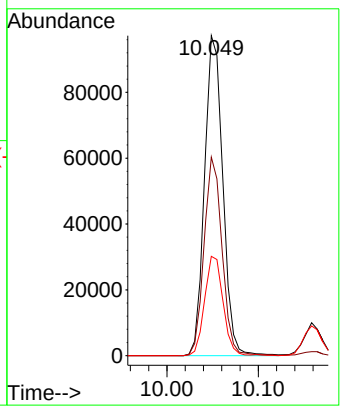


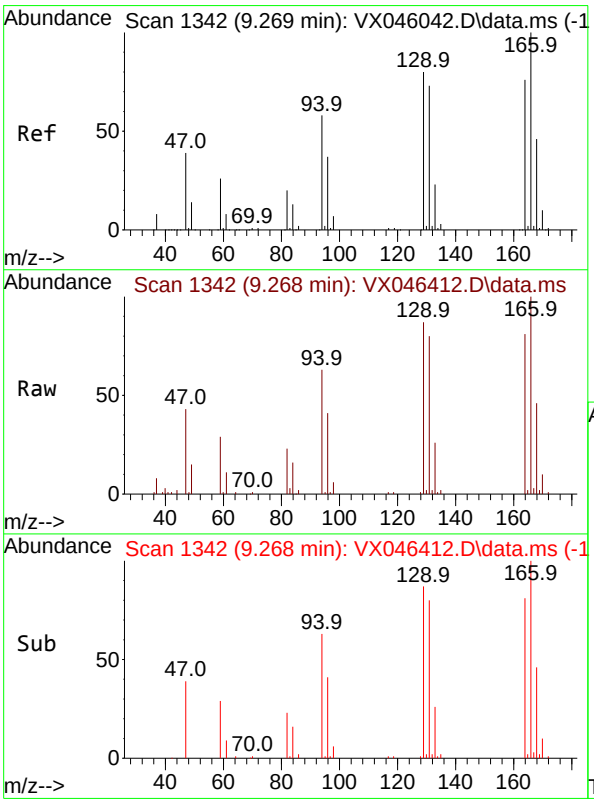
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:117 Resp: 134836

Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.6	76.0
119	31.1	25.8	38.6

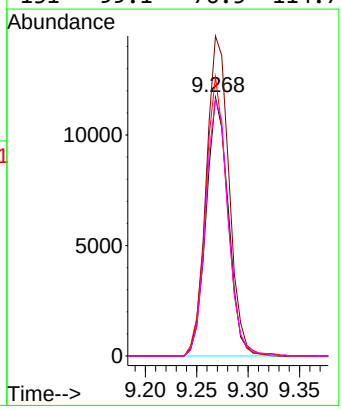


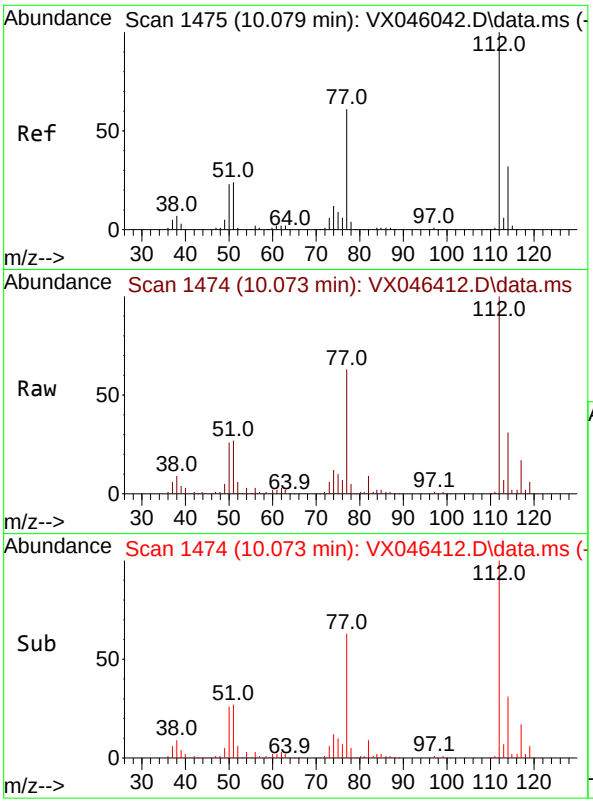


#64
Tetrachloroethene
Concen: 18.359 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:164 Resp: 17515

Ion	Ratio	Lower	Upper
164	100		
166	123.8	105.0	157.6
129	108.1	83.5	125.3
131	99.1	76.5	114.7



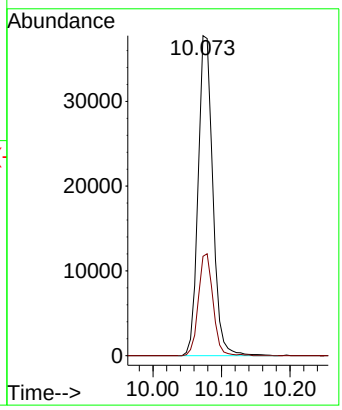


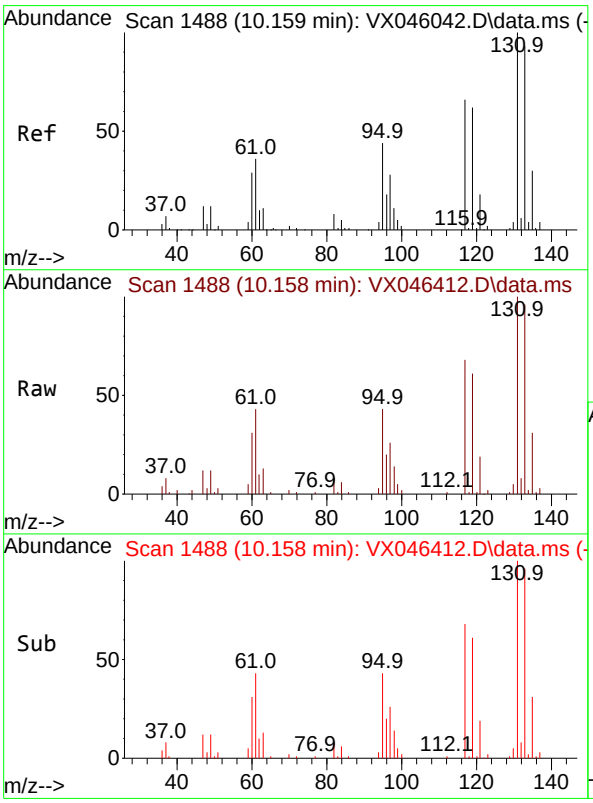
#65
Chlorobenzene
Concen: 19.079 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.007 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:112 Resp: 56306

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.2

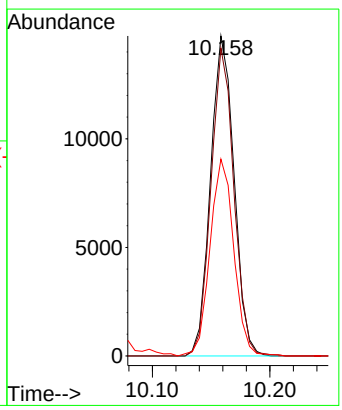


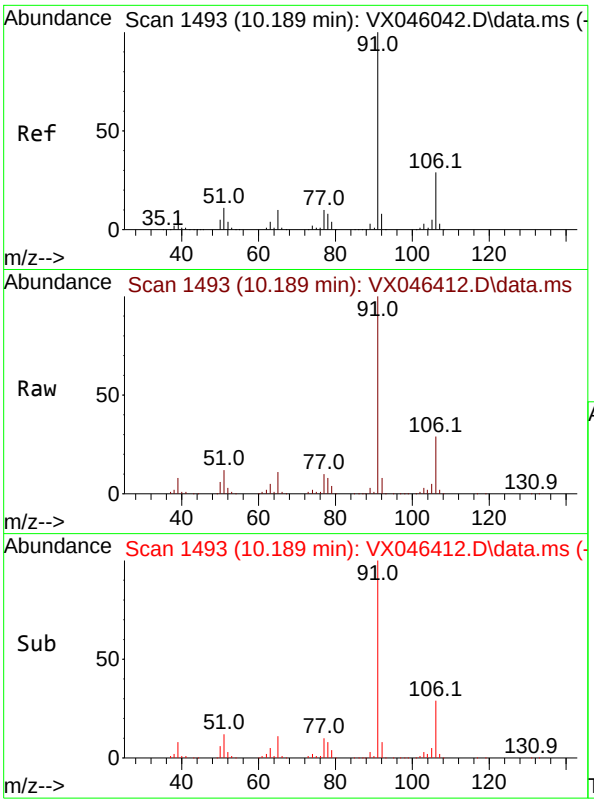


#66
1,1,1,2-Tetrachloroethane
Concen: 20.331 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:131 Resp: 20489

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.9
119	62.2	31.6	95.0



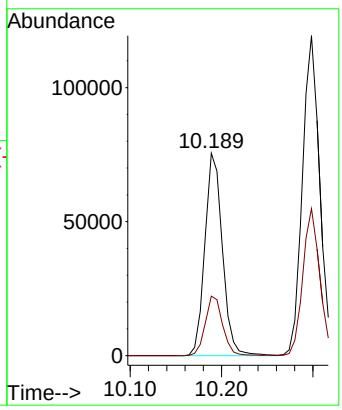


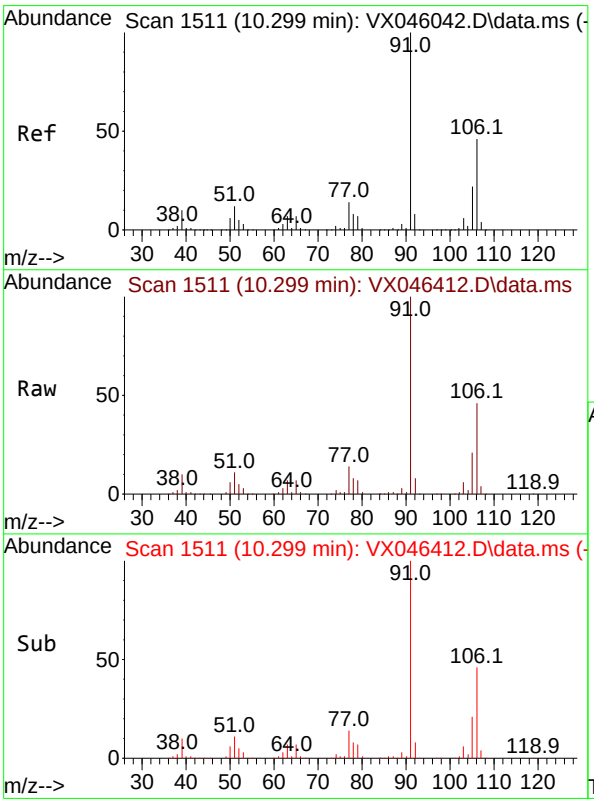
#67
Ethyl Benzene
Concen: 19.432 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 91 Resp: 101092

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.4	35.2

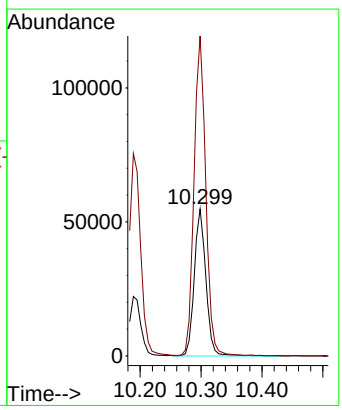


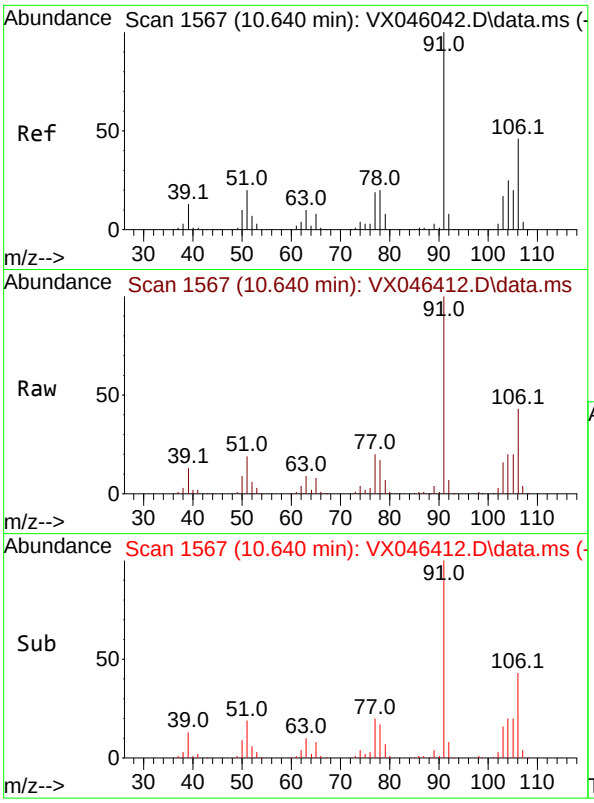


#68
m/p-Xylenes
Concen: 37.976 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:106 Resp: 72256

Ion	Ratio	Lower	Upper
106	100		
91	219.0	171.2	256.8



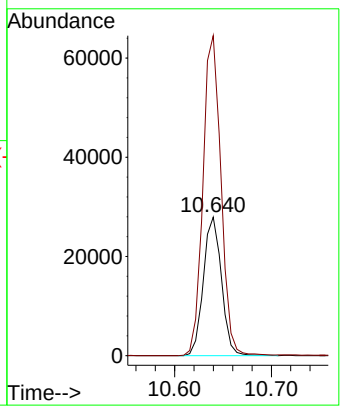


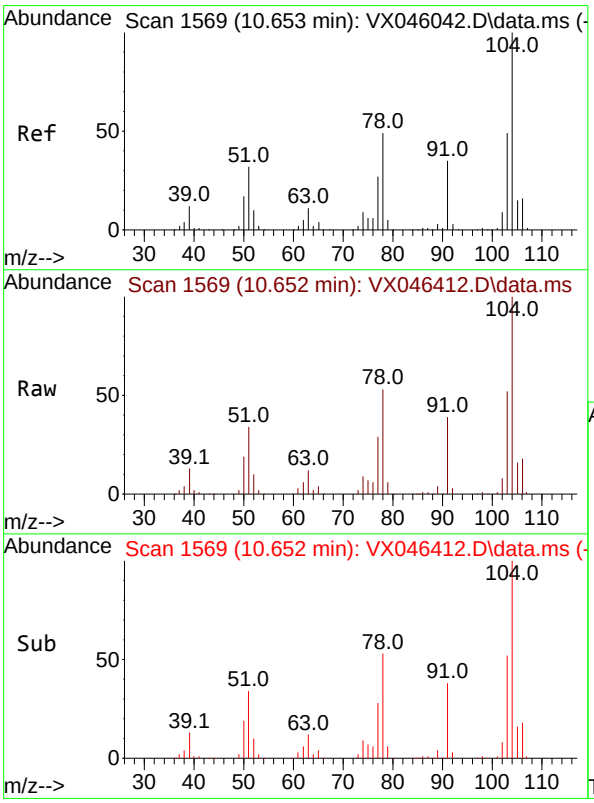
#69
o-Xylene
Concen: 19.657 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:106 Resp: 36463

Ion	Ratio	Lower	Upper
106	100		
91	230.2	112.7	338.1

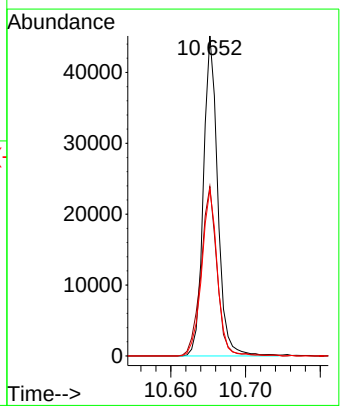


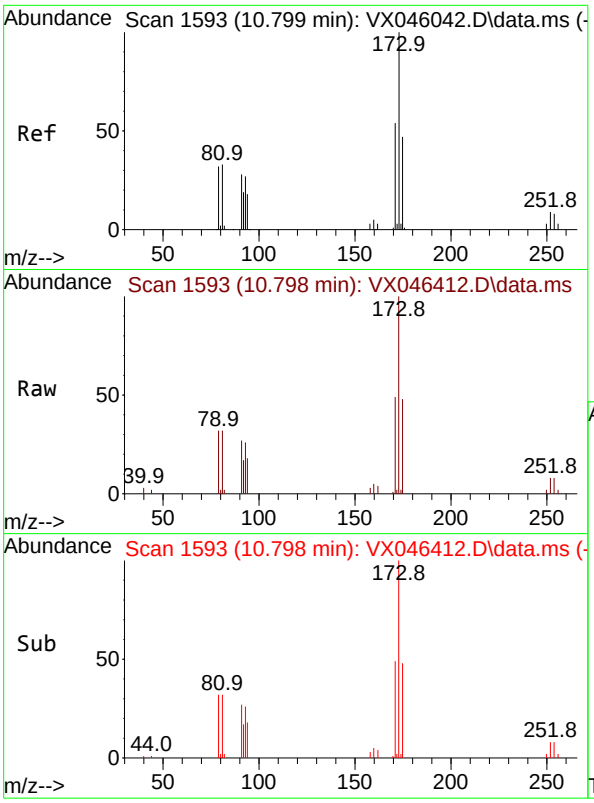


#70
Styrene
Concen: 19.835 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:104 Resp: 60271

Ion	Ratio	Lower	Upper
104	100		
78	59.1	45.7	68.5
103	56.7	43.7	65.5



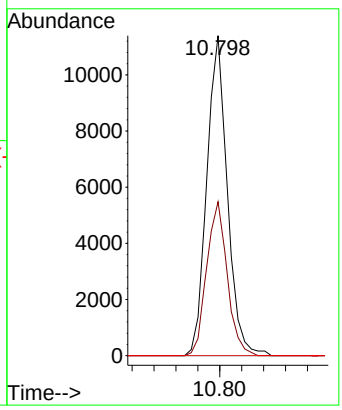


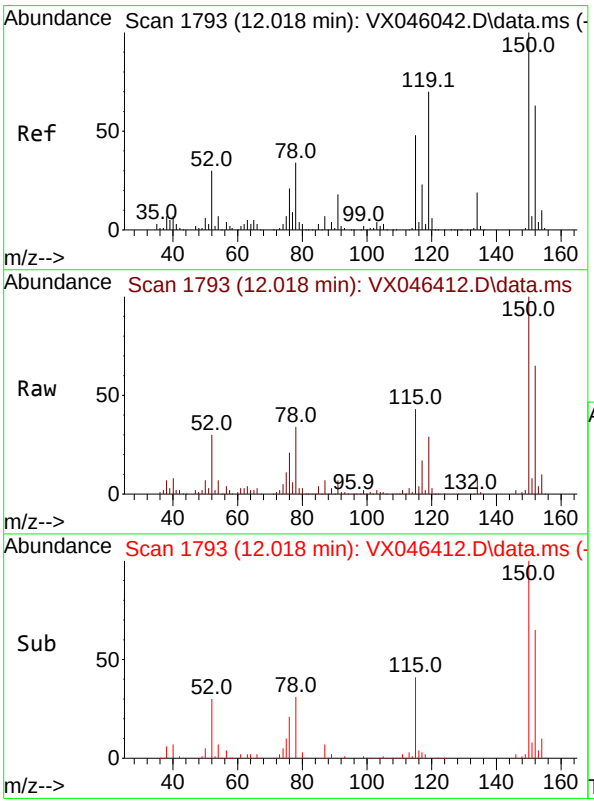
#71
Bromoform
Concen: 19.568 ug/l
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:173 Resp: 14805

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.4	70.0
254	0.0	0.0	0.0

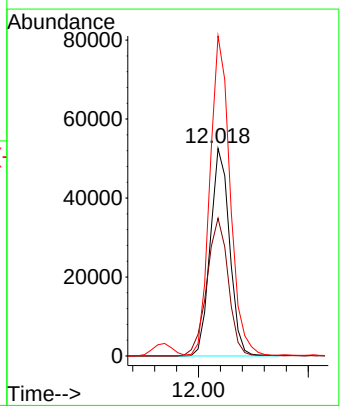


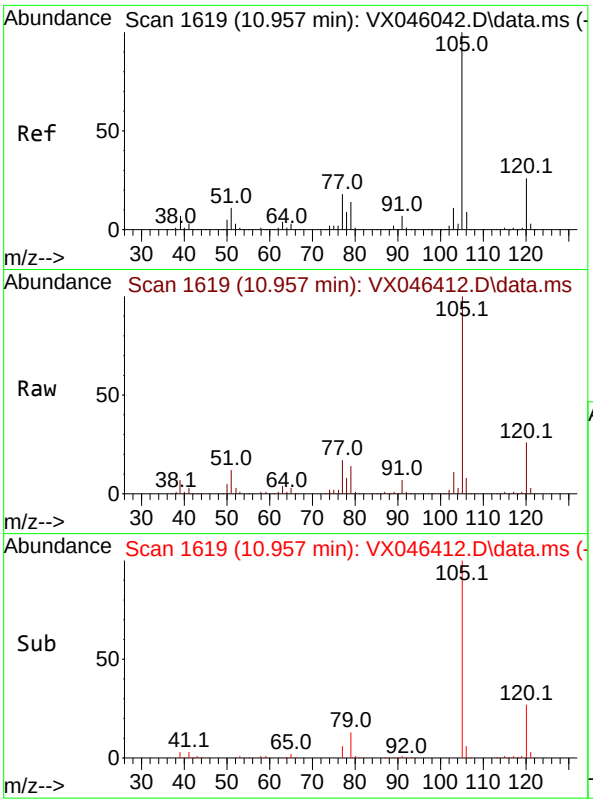


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:152 Resp: 64120

Ion	Ratio	Lower	Upper
152	100		
115	73.8	46.9	140.7
150	160.6	0.0	351.0



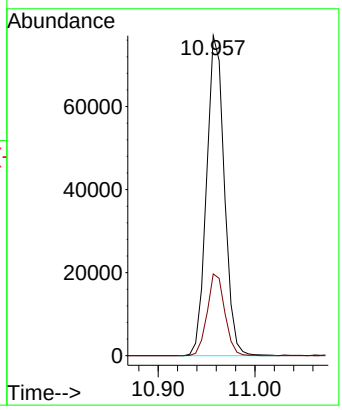


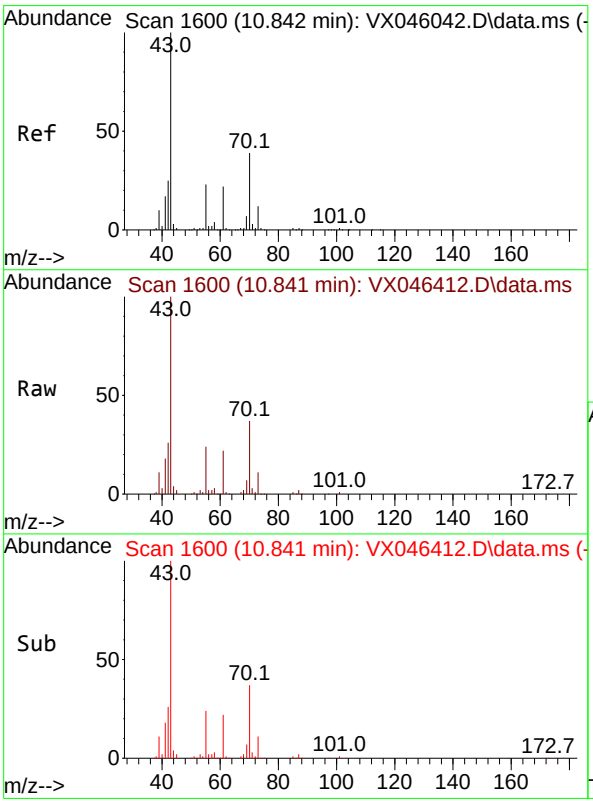
#73
Isopropylbenzene
Concen: 19.754 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:105 Resp: 98609

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

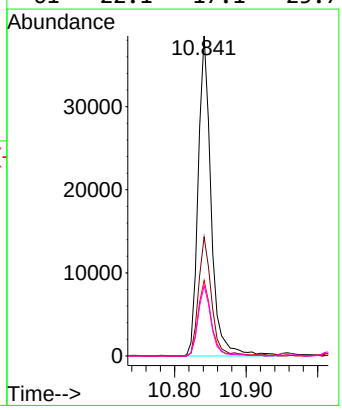


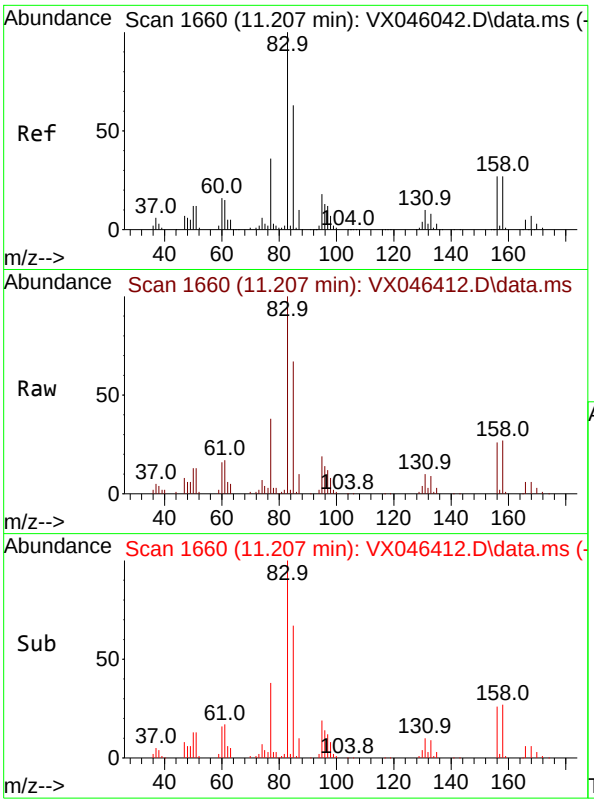


#74
N-amyl acetate
Concen: 19.671 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 43 Resp: 48523

Ion	Ratio	Lower	Upper
43	100		
70	37.0	30.9	46.3
55	23.9	18.7	28.1
61	22.1	17.1	25.7



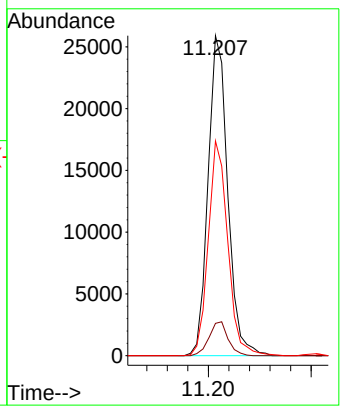


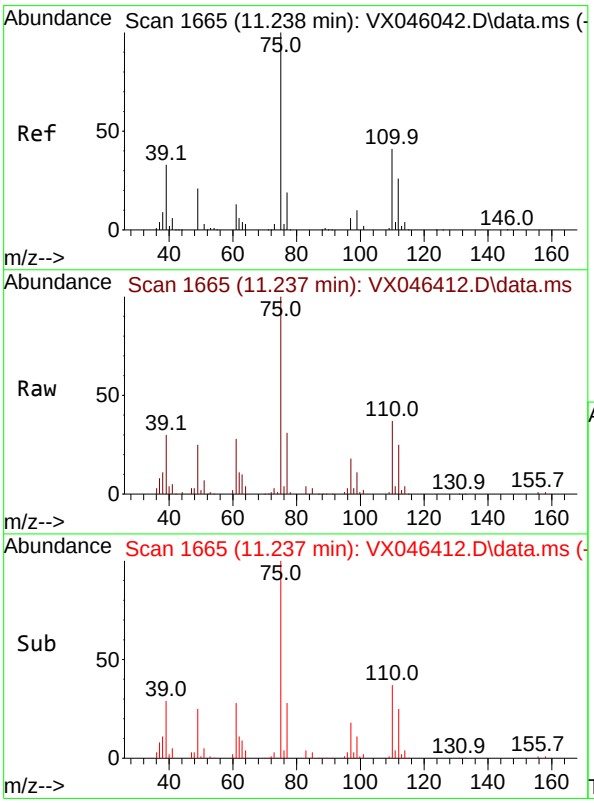
#75
1,1,2,2-Tetrachloroethane
Concen: 19.688 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 83 Resp: 34441

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	66.6	31.9	95.7

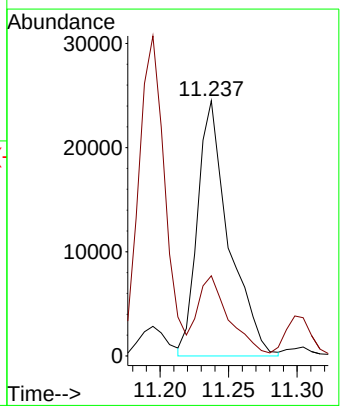


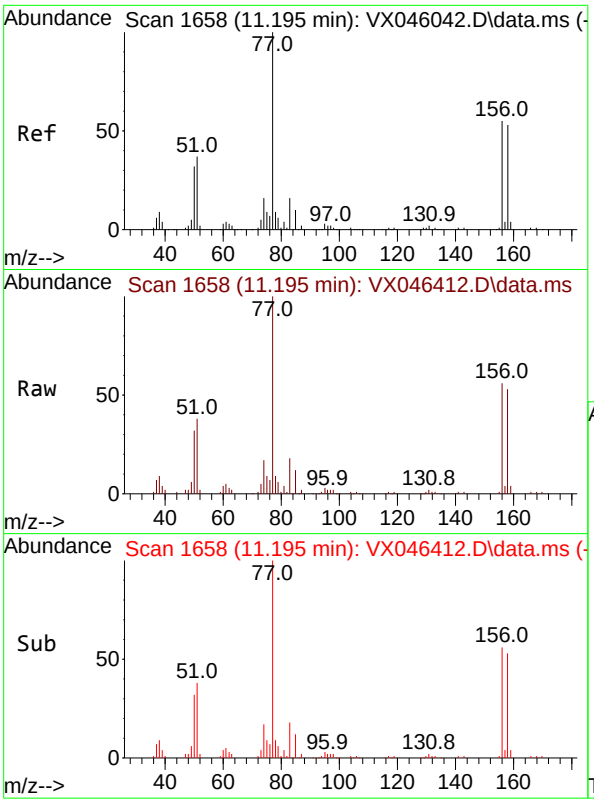


#76
1,2,3-Trichloropropane
Concen: 25.244 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 38961

Ion	Ratio	Lower	Upper
75	100		
77	31.9	20.5	61.5



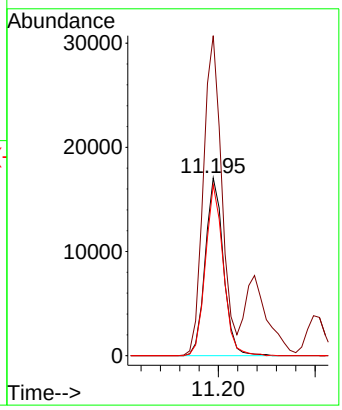


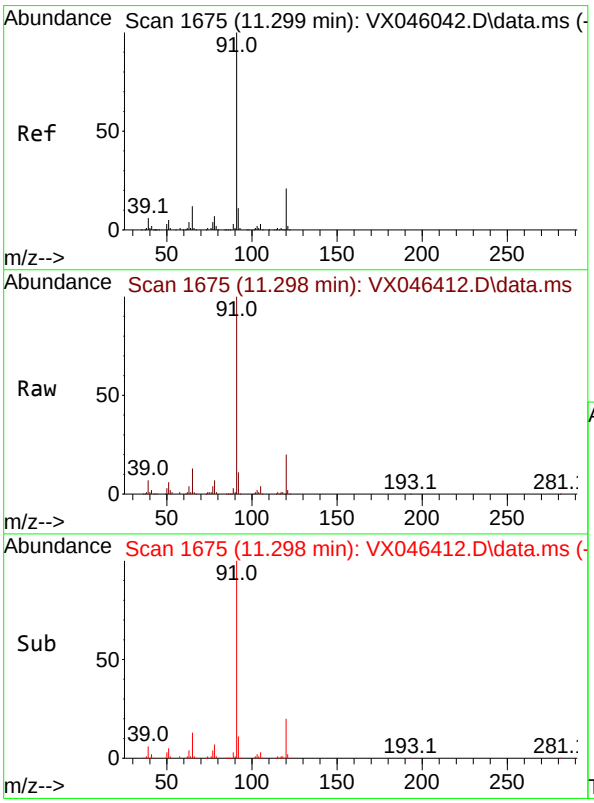
#77
Bromobenzene
Concen: 19.194 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:156 Resp: 22245

Ion	Ratio	Lower	Upper
156	100		
77	183.2	92.8	278.3
158	95.0	48.8	146.3

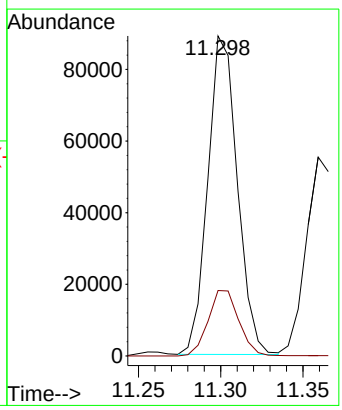


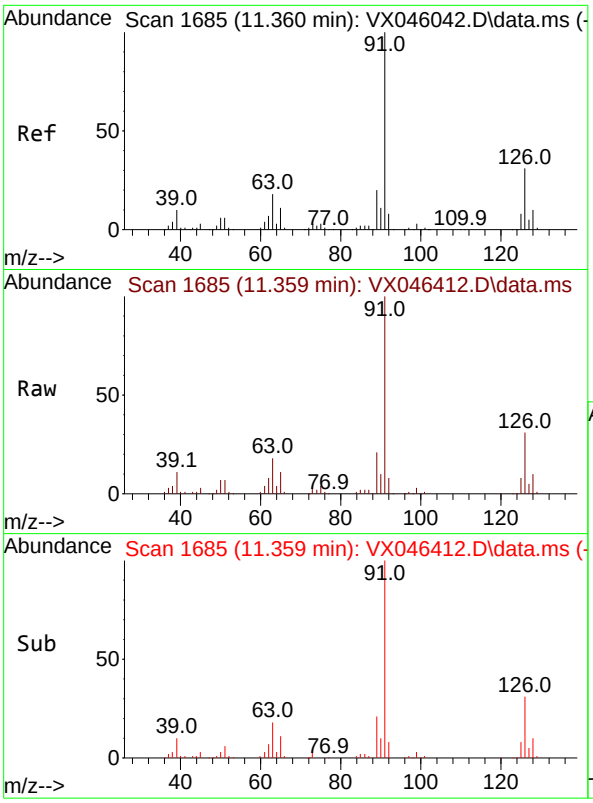


#78
n-propylbenzene
Concen: 19.157 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 111193

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4



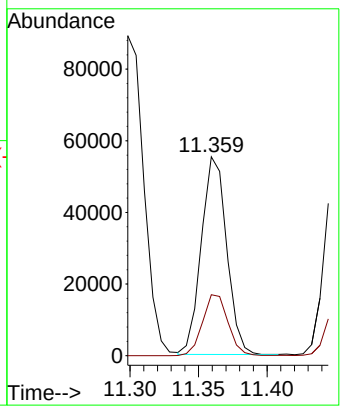


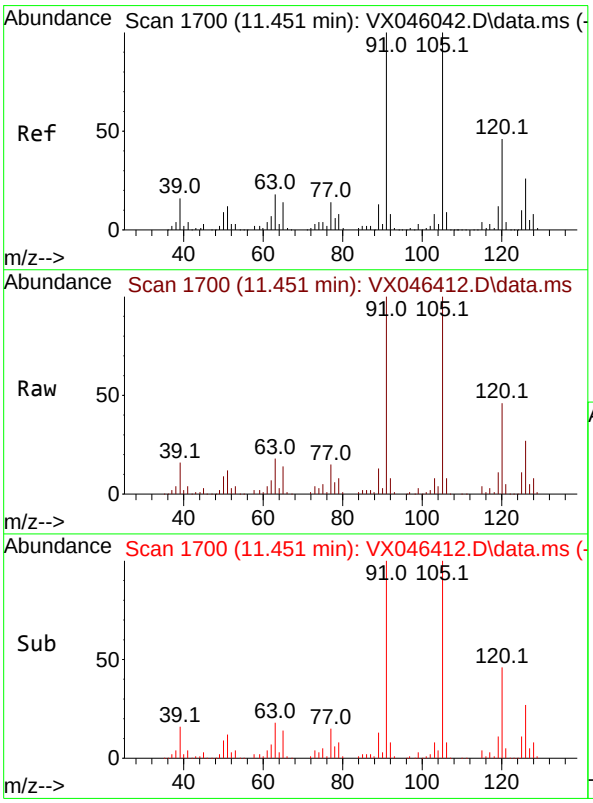
#79
2-Chlorotoluene
Concen: 19.029 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 91 Resp: 71240

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7

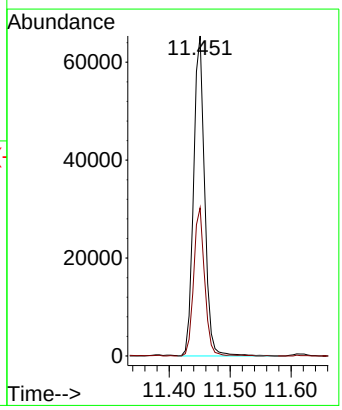


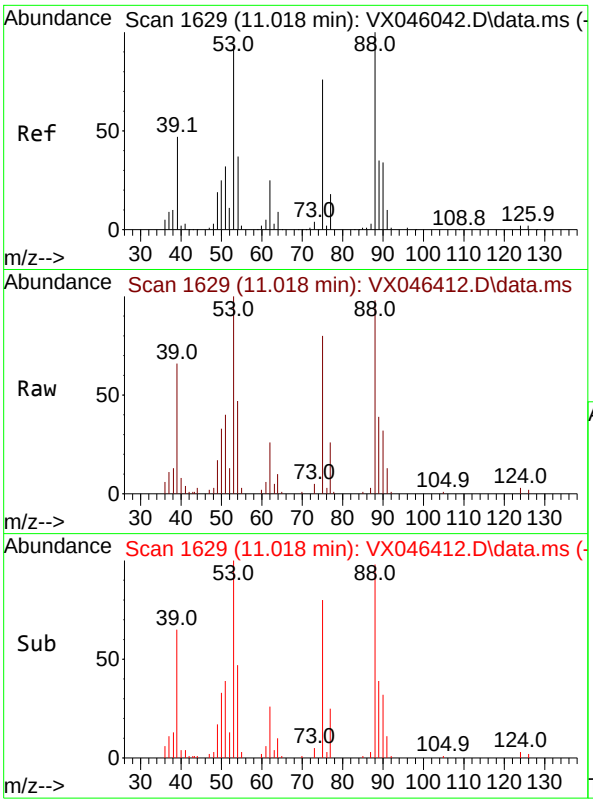


#80
1,3,5-Trimethylbenzene
Concen: 19.811 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:105 Resp: 82619

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2



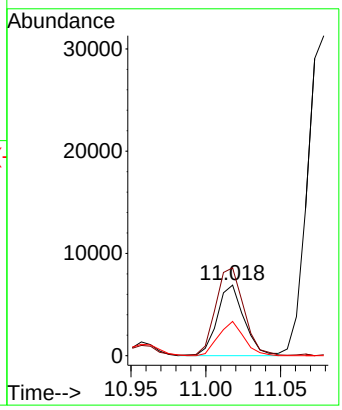


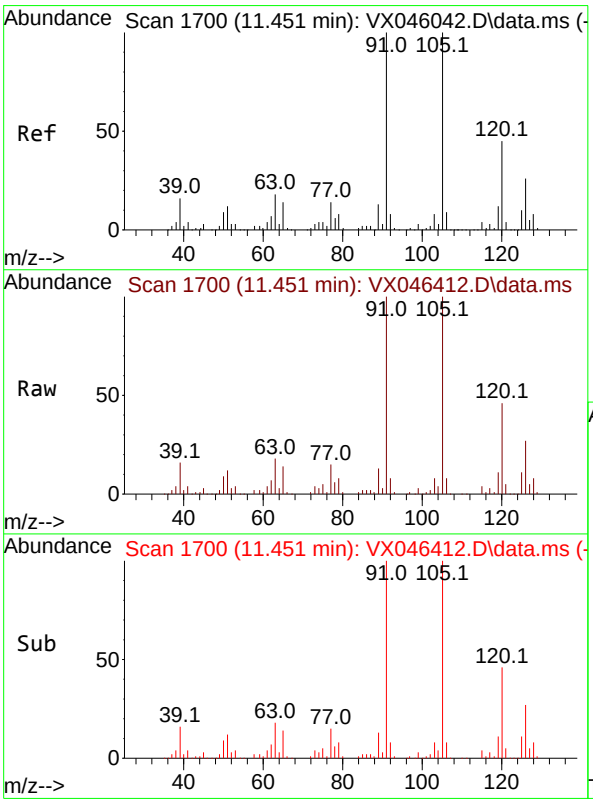
#81
trans-1,4-Dichloro-2-butene
Concen: 18.295 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 75 Resp: 8673

Ion	Ratio	Lower	Upper
75	100		
53	128.2	100.5	150.7
89	45.5	37.0	55.6

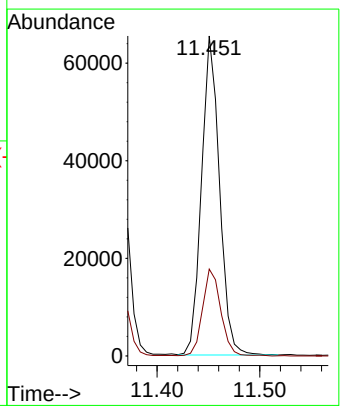


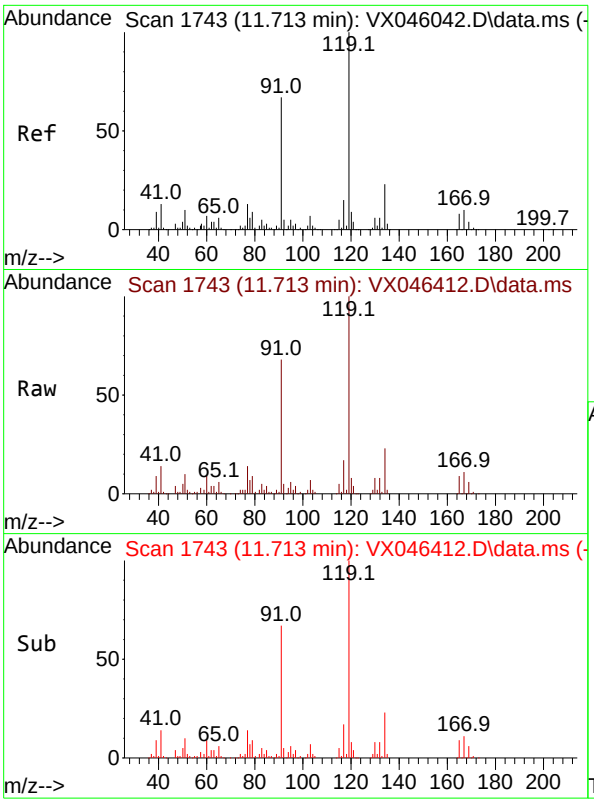


#82
4-Chlorotoluene
Concen: 19.154 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 91 Resp: 79525

Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.3	39.8



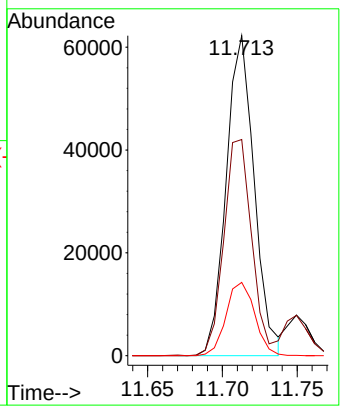


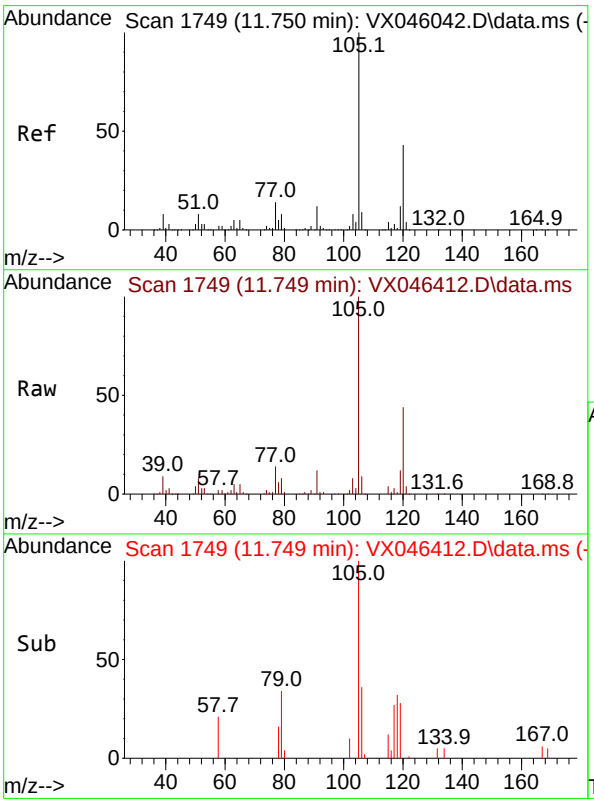
#83
tert-Butylbenzene
Concen: 19.335 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:119 Resp: 81221

Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.9	98.7
134	23.5	11.4	34.1

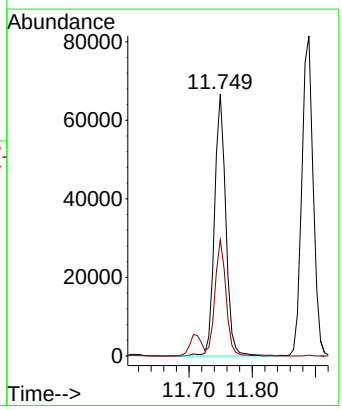


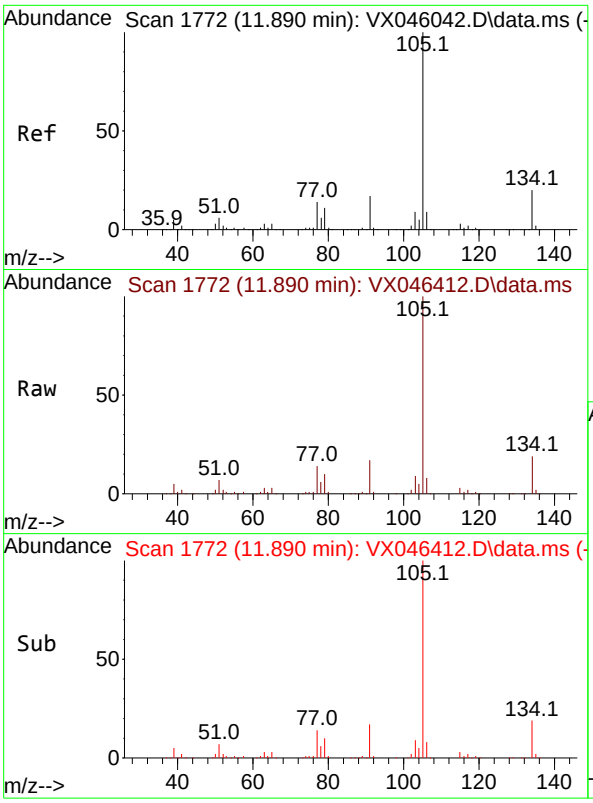


#84
1,2,4-Trimethylbenzene
Concen: 19.622 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:105 Resp: 82870

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.2	63.6



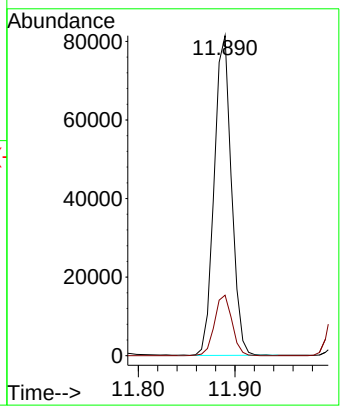


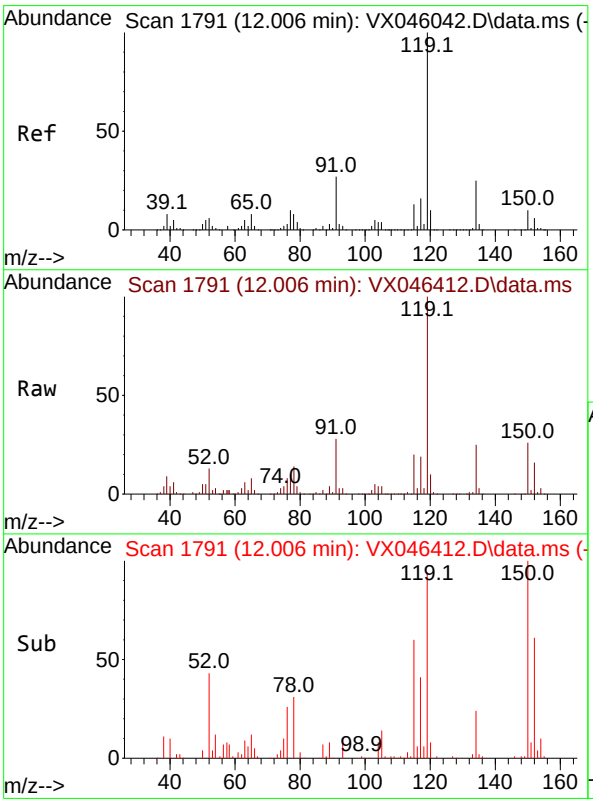
#85
sec-Butylbenzene
Concen: 19.510 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:105 Resp: 100632

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

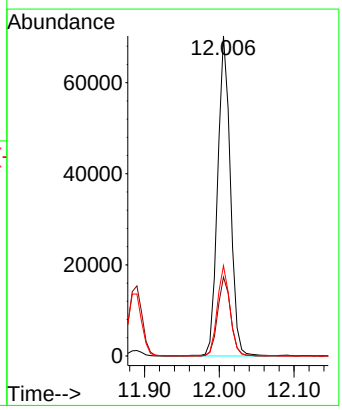


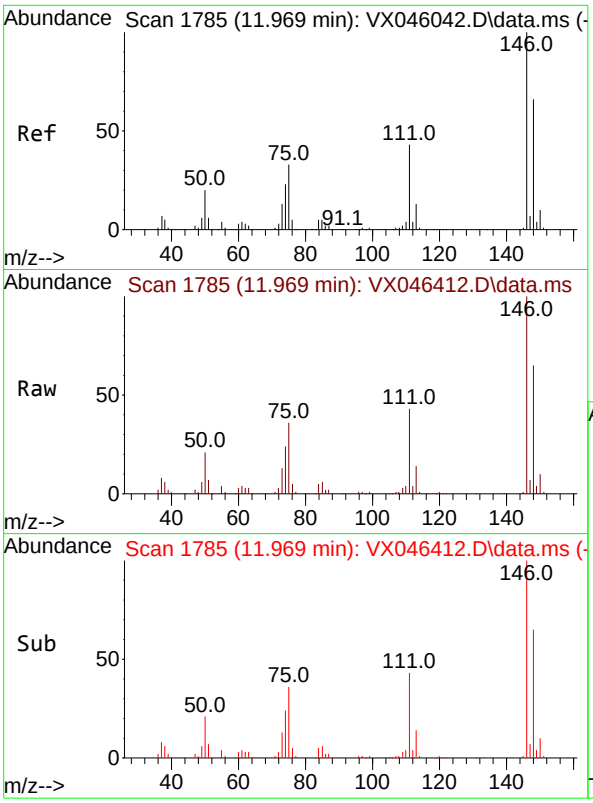


#86
p-Isopropyltoluene
Concen: 19.469 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:119 Resp: 82888

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.9	13.8	41.4



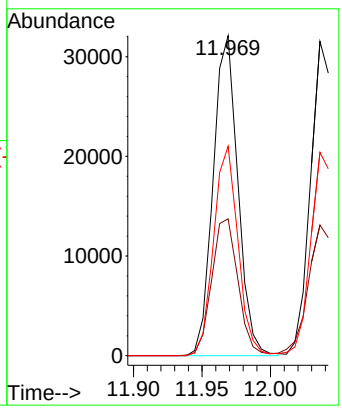


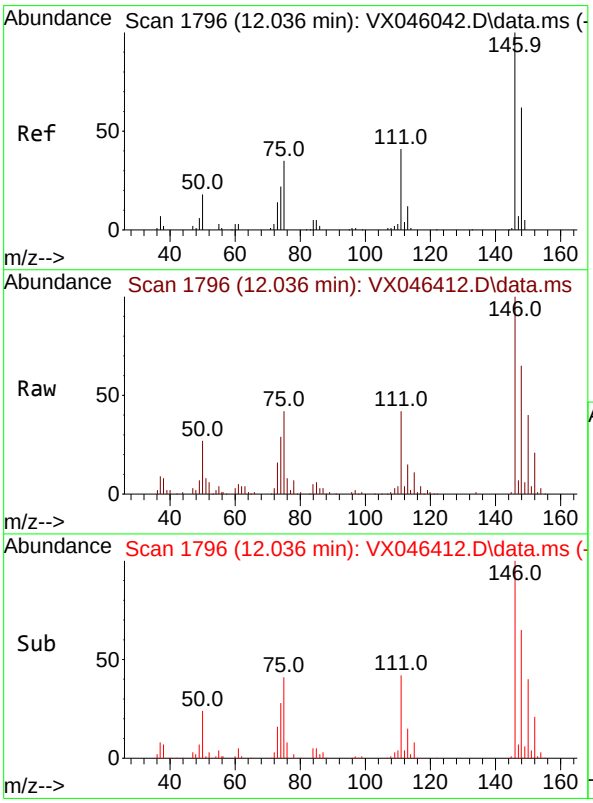
#87
1,3-Dichlorobenzene
Concen: 19.059 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:146 Resp: 40311

Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.1	66.3
148	64.6	32.1	96.5

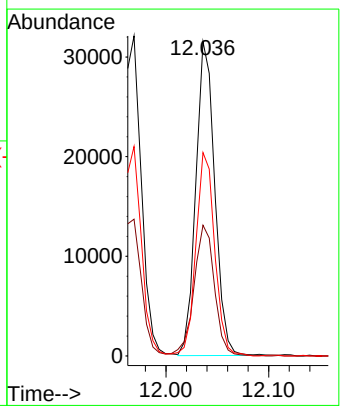


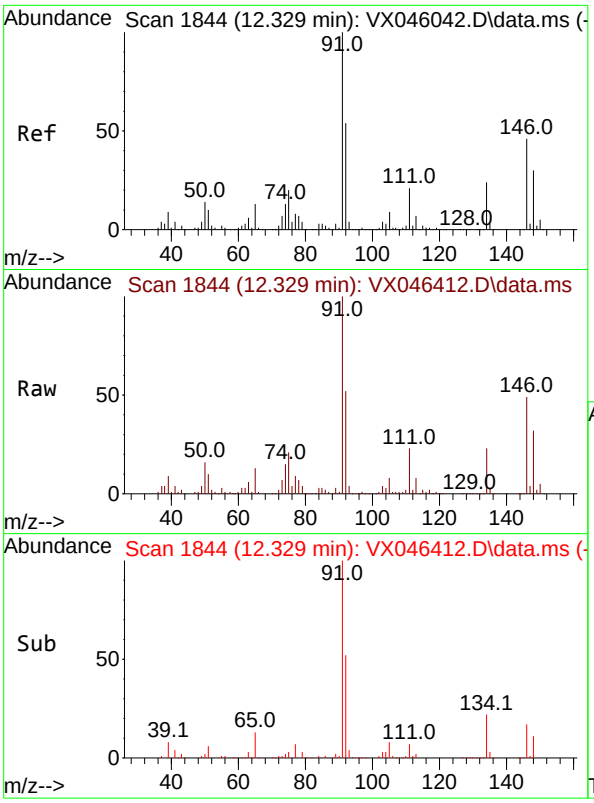


#88
1,4-Dichlorobenzene
Concen: 18.650 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:146 Resp: 40286

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.3	63.9
148	64.8	31.9	95.5



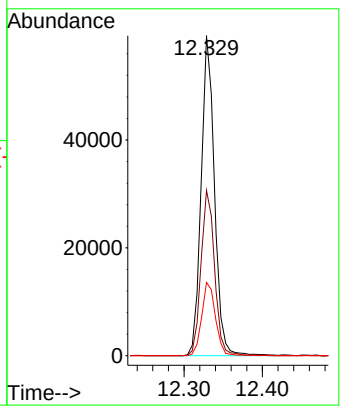


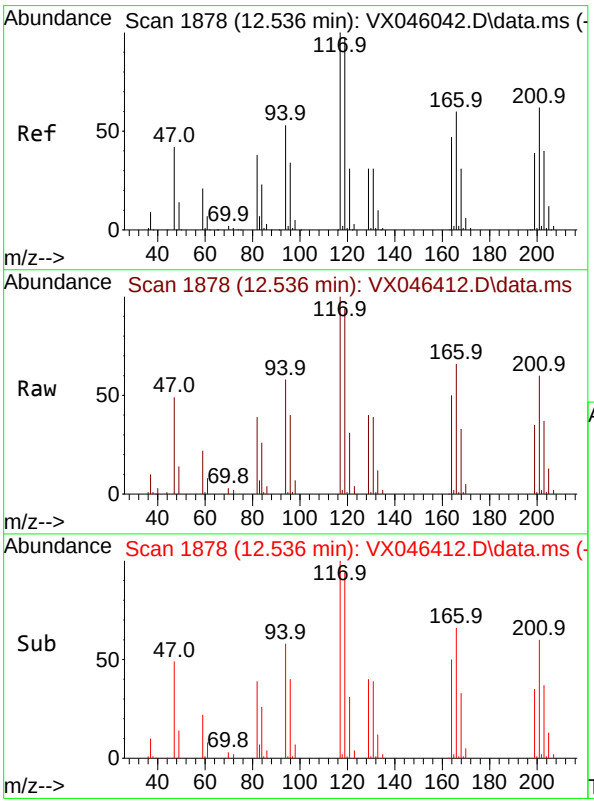
#89
n-Butylbenzene
Concen: 18.790 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion: 91 Resp: 70173

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.9	80.7
134	23.7	11.8	35.3

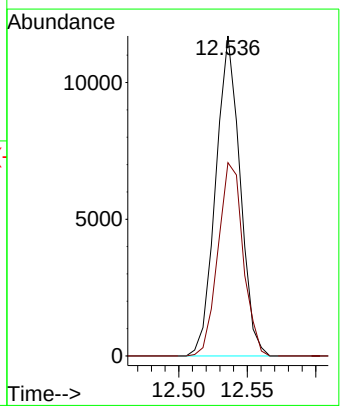


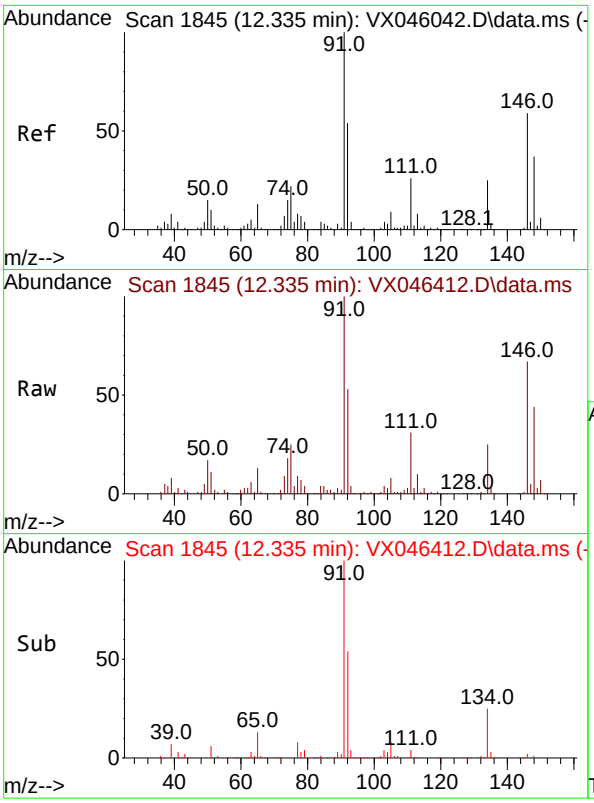


#90
Hexachloroethane
Concen: 19.249 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:117 Resp: 14438

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.6	94.7



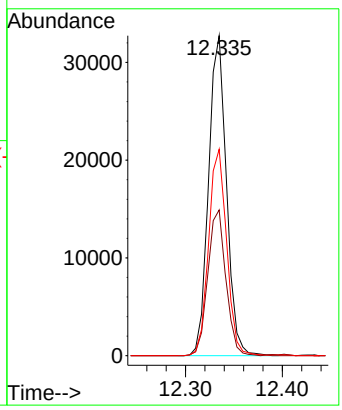


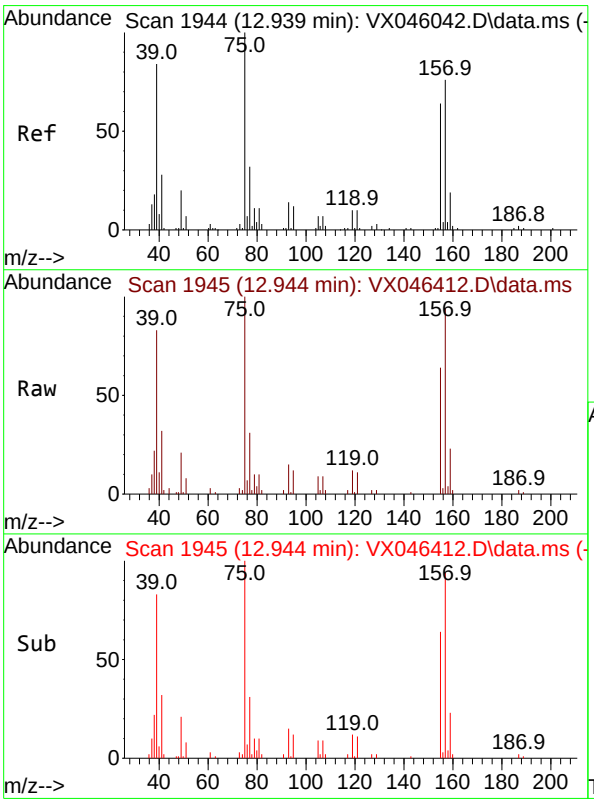
#91
1,2-Dichlorobenzene
Concen: 19.895 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:146 Resp: 42227

Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.4	67.3
148	64.9	31.6	94.8

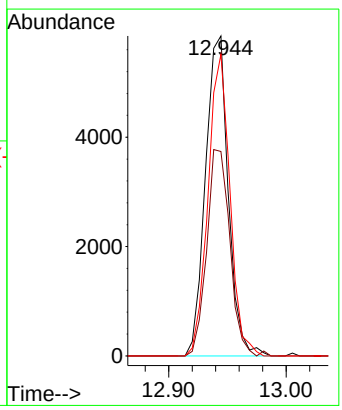


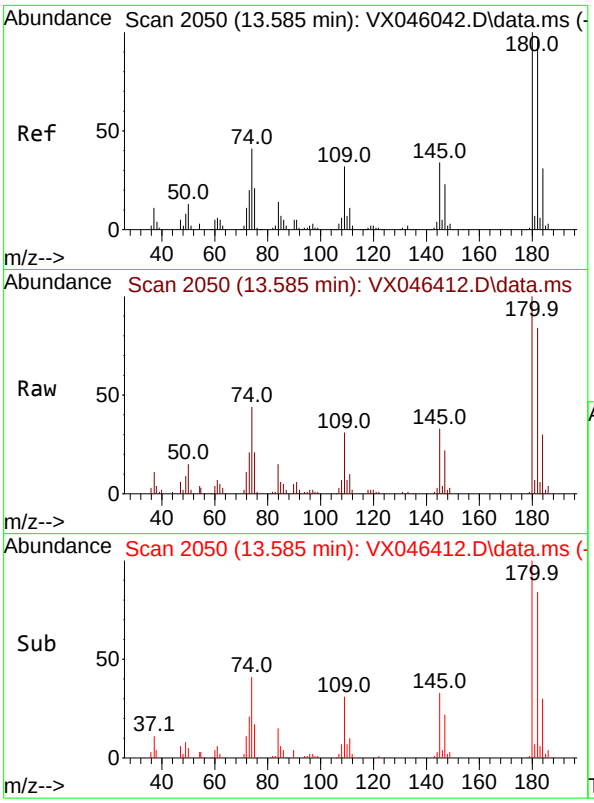


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.421 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion: 75 Resp: 7914

Ion	Ratio	Lower	Upper
75	100		
155	65.4	34.9	104.8
157	90.2	43.8	131.4



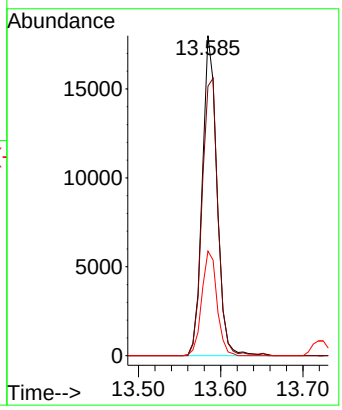


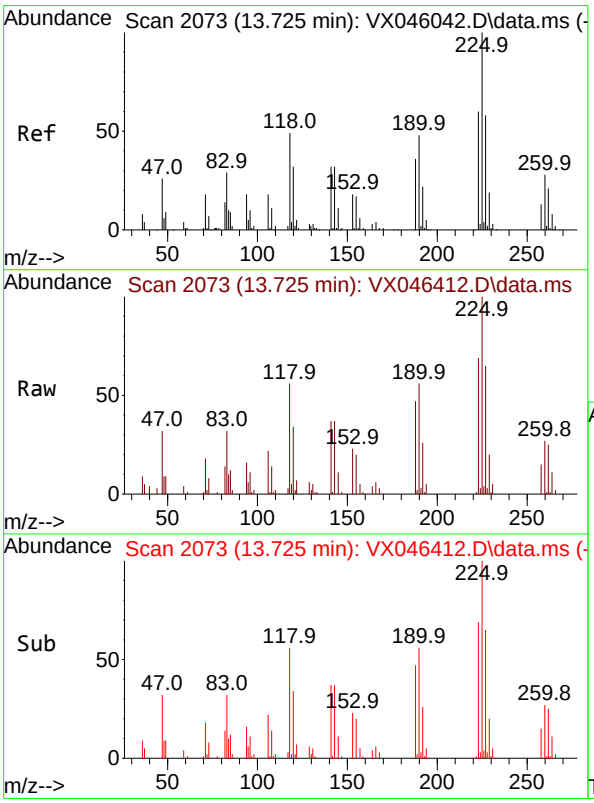
#93
1,2,4-Trichlorobenzene
Concen: 18.305 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:180 Resp: 22315

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.8
145	33.7	17.1	51.2

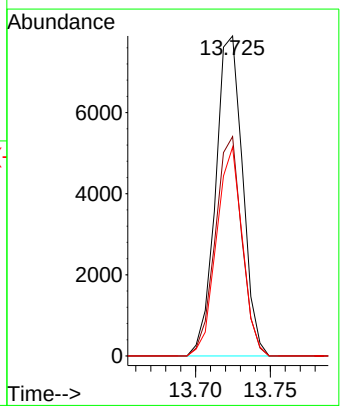


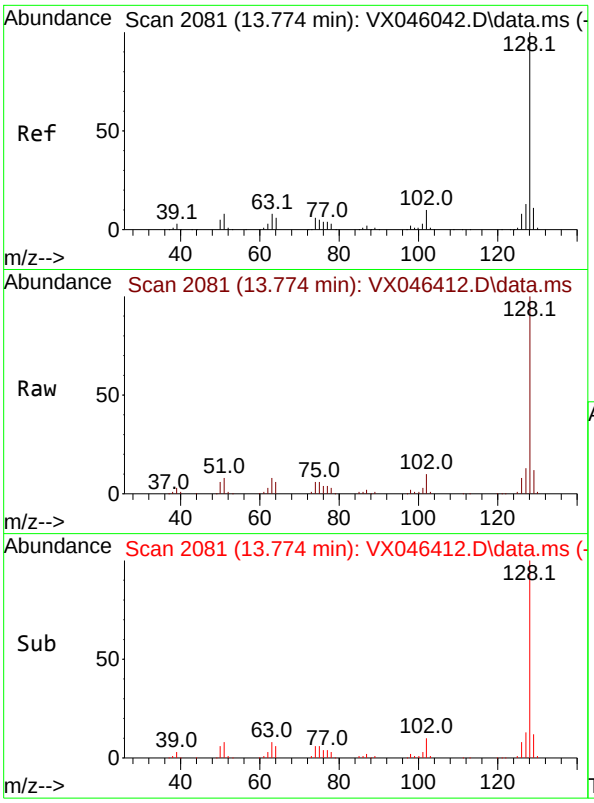


#94
Hexachlorobutadiene
Concen: 18.636 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:225 Resp: 9922

Ion	Ratio	Lower	Upper
225	100		
223	67.5	30.8	92.4
227	62.7	30.9	92.7



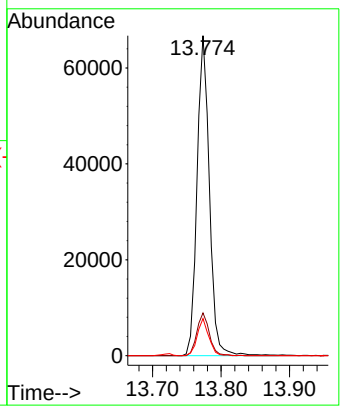


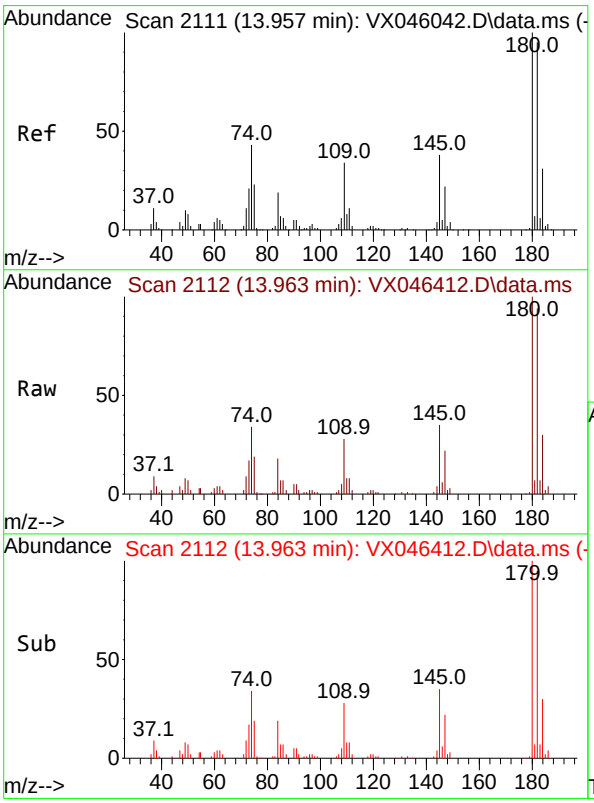
#95
Naphthalene
Concen: 18.727 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Tgt Ion:128 Resp: 83733

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.6	13.0

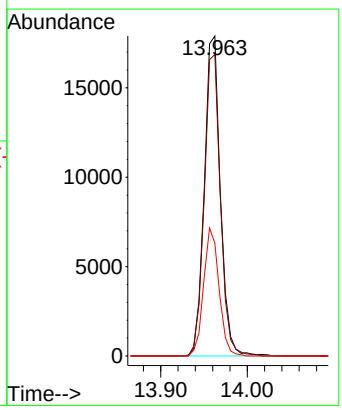




#96
1,2,3-Trichlorobenzene
Concen: 18.368 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046412.D
Acq: 30 May 2025 11:29

Tgt Ion:180 Resp: 23105

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	38.4	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Time: May 31 05:18:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

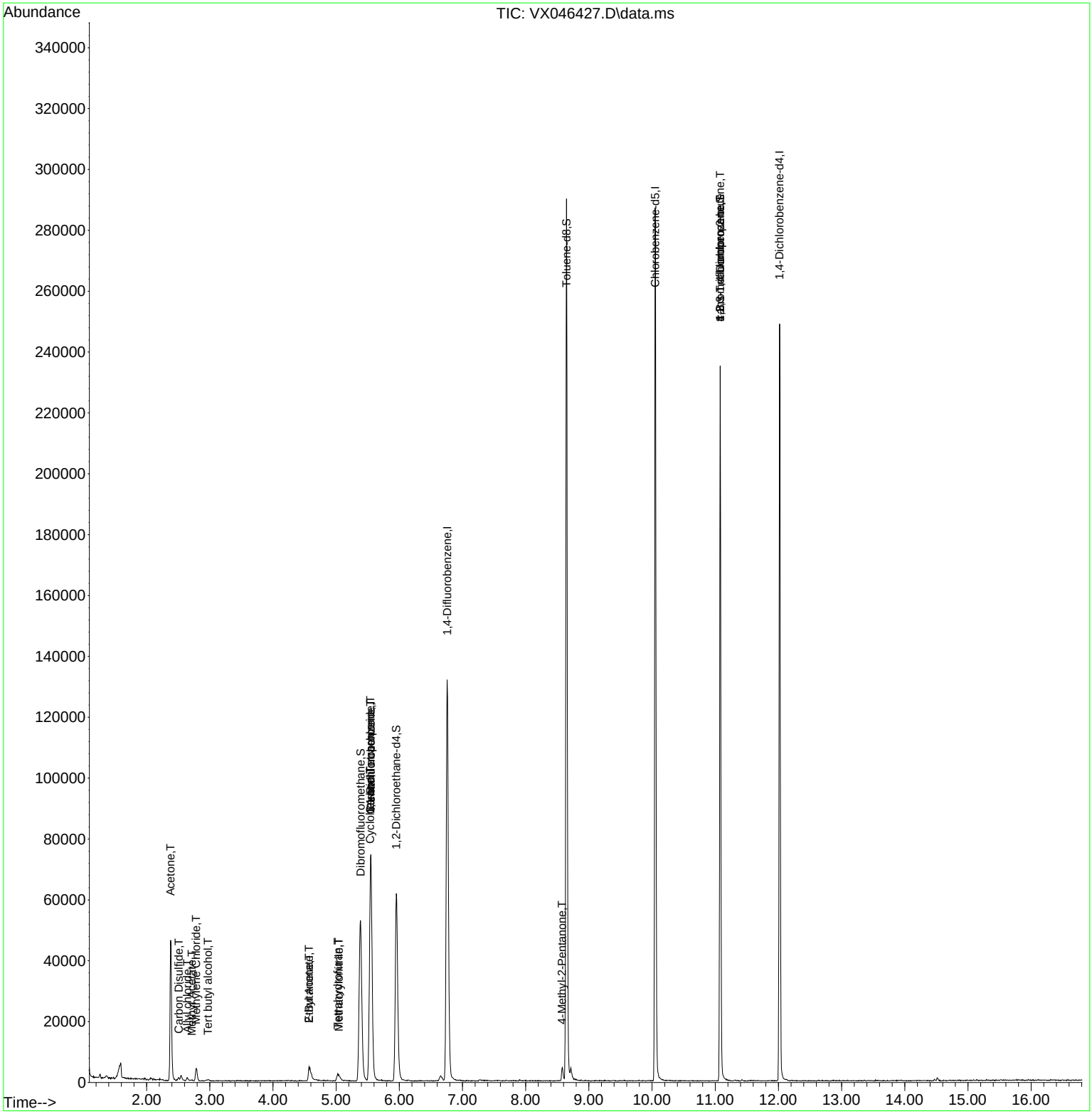
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	61473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62662	54.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	5.385	113	46103	51.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	158514	50.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	59228	49.538	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	420	2.611	ug/l #	72
14) Allyl chloride	2.642	41	1085	0.779	ug/l #	43
16) Acetone	2.380	43	50891	110.750	ug/l	97
17) Carbon Disulfide	2.508	76	1161	0.672	ug/l #	92
18) Methyl Acetate	2.715	43	394	0.369	ug/l #	55
20) Methylene Chloride	2.782	84	1993	2.263	ug/l #	89
25) 2-Butanone	4.568	43	10062	15.083	ug/l	99
29) Tetrahydrofuran	5.025	42	1050	2.512	ug/l #	62
31) Cyclohexane	5.538	56	1791	1.311	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	6260	5.174	ug/l #	52
37) Ethyl Acetate	4.568	43	10062	6.731	ug/l #	70
38) Carbon Tetrachloride	5.544	117	7288	5.361	ug/l #	16
41) Methacrylonitrile	5.044	41	1317	1.684	ug/l #	25
51) 4-Methyl-2-Pentanone	8.574	43	3175	2.097	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	34409	30.739	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34409	100.076	ug/l #	1

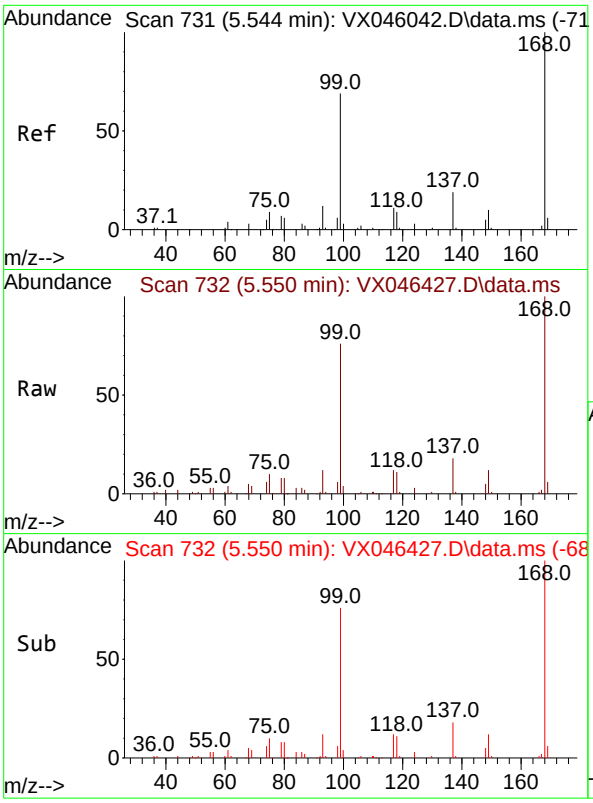
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046427.D
Acq On : 30 May 2025 17:23
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Time: May 31 05:18:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



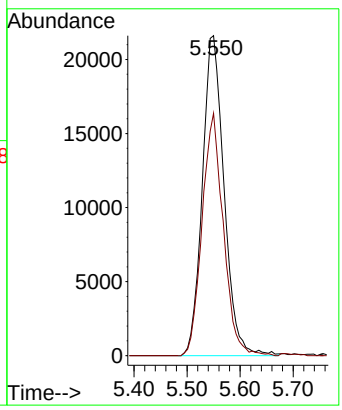


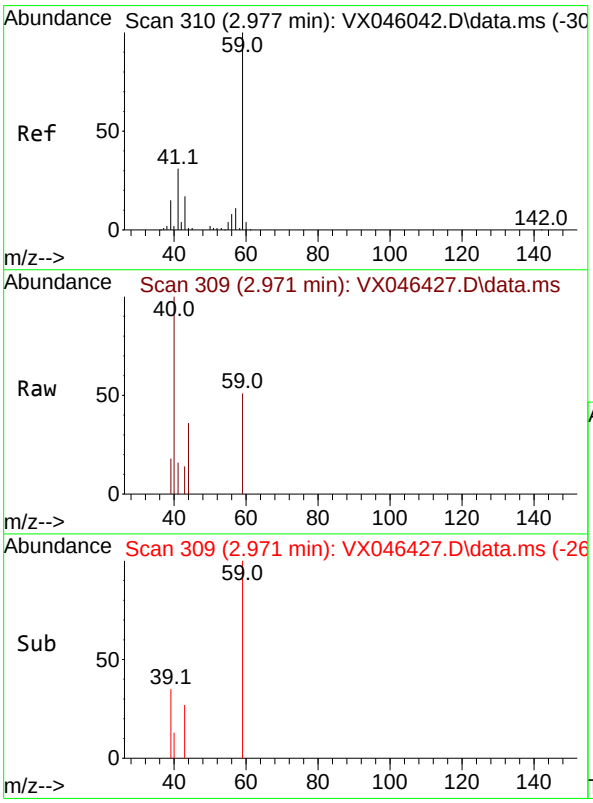
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion:168 Resp: 61473

Ion	Ratio	Lower	Upper
168	100		
99	75.7	54.9	82.3

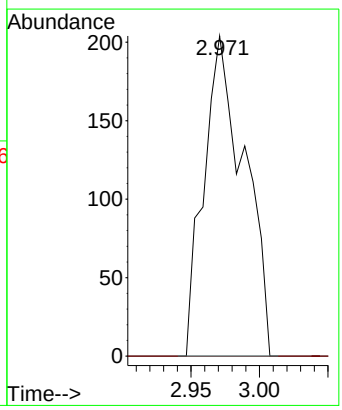


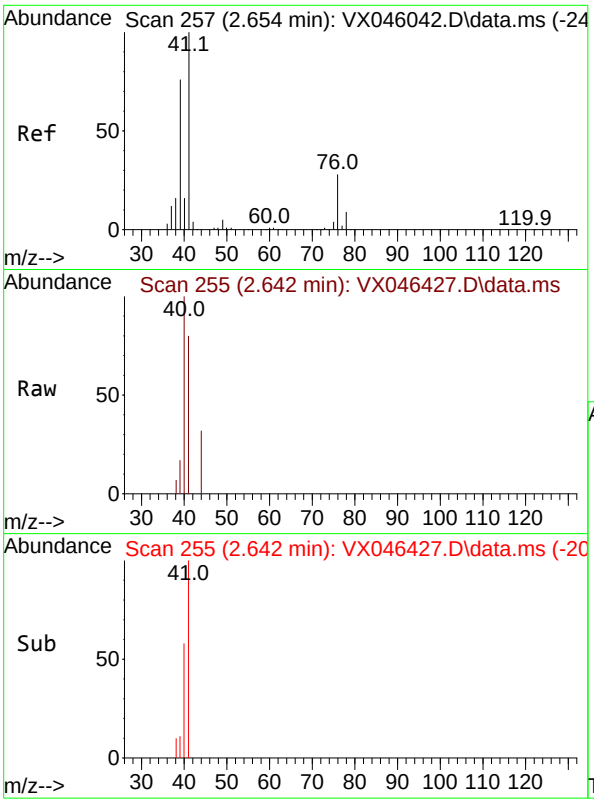


#11
Tert butyl alcohol
Concen: 2.611 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 59 Resp: 420

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



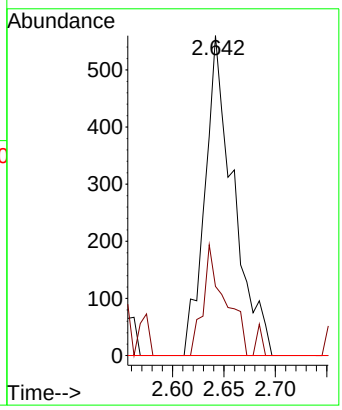


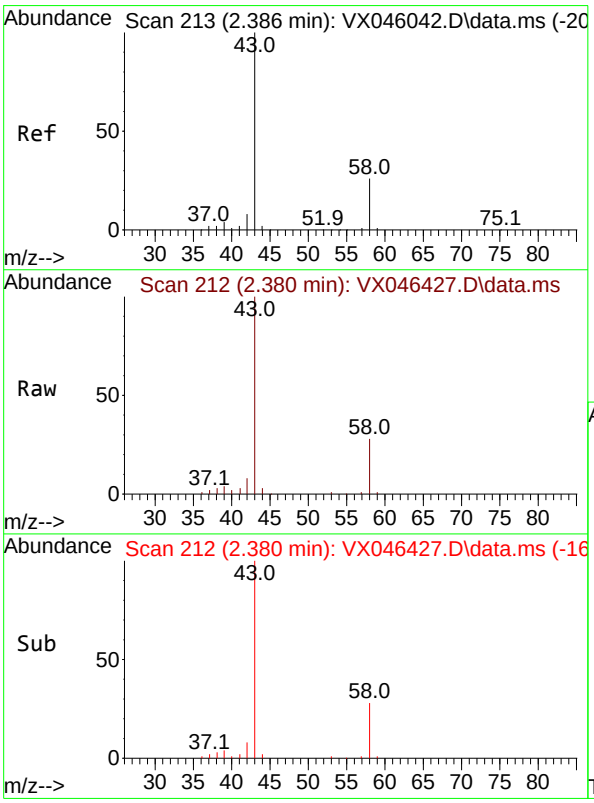
#14
Allyl chloride
Concen: 0.779 ug/l
RT: 2.642 min Scan# 2
Delta R.T. -0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 41 Resp: 1085

Ion	Ratio	Lower	Upper
41	100		
39	26.8	60.6	90.8#
76	0.0	24.9	37.3#

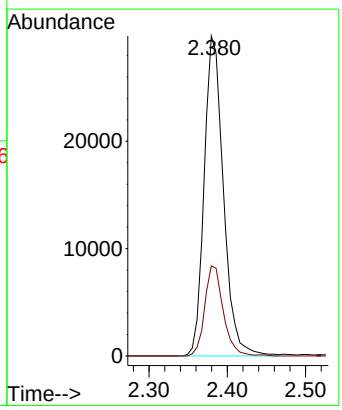


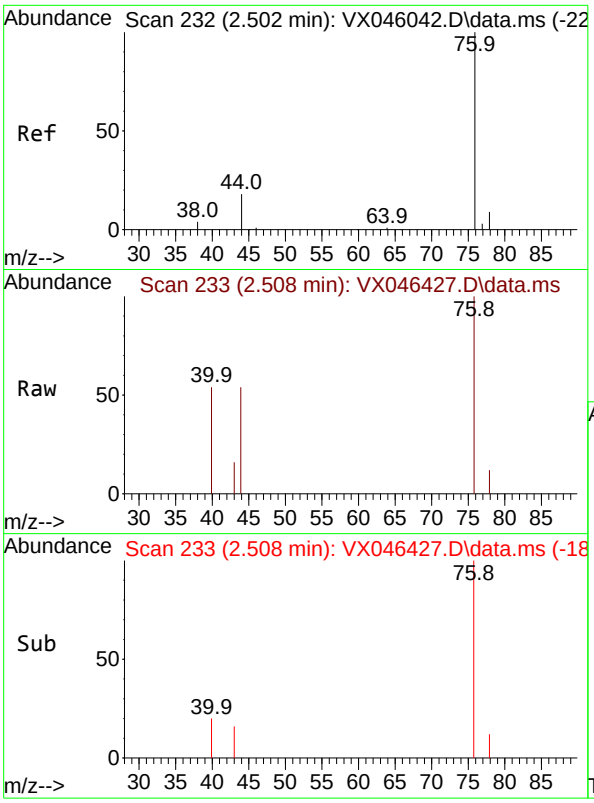


#16
Acetone
Concen: 110.750 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 50891

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8



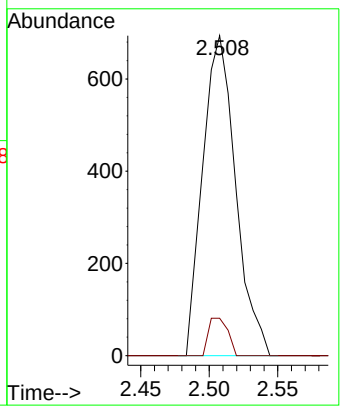


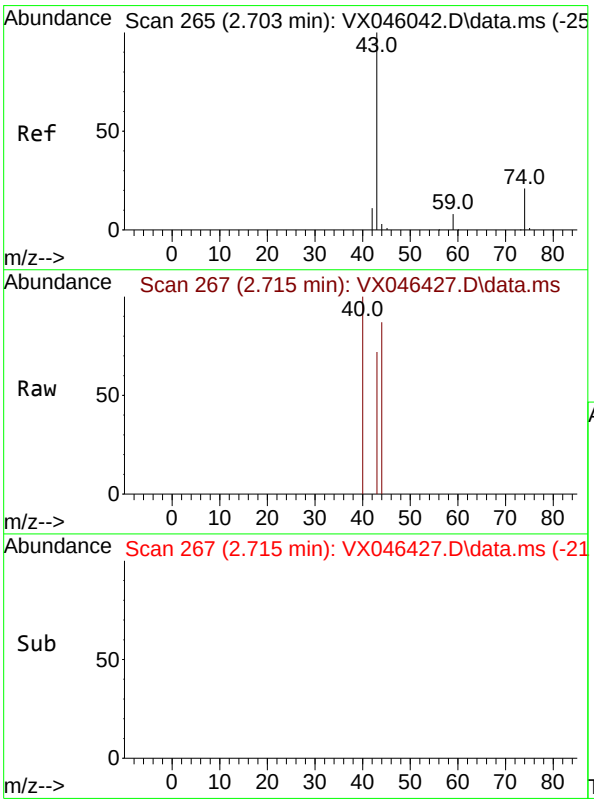
#17
Carbon Disulfide
Concen: 0.672 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 76 Resp: 1161

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.0	10.4#

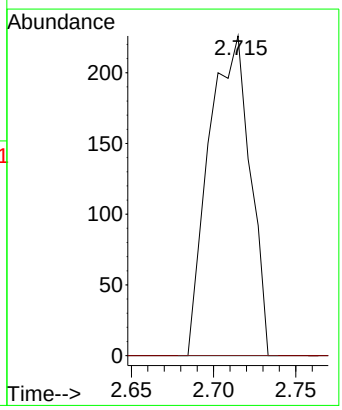


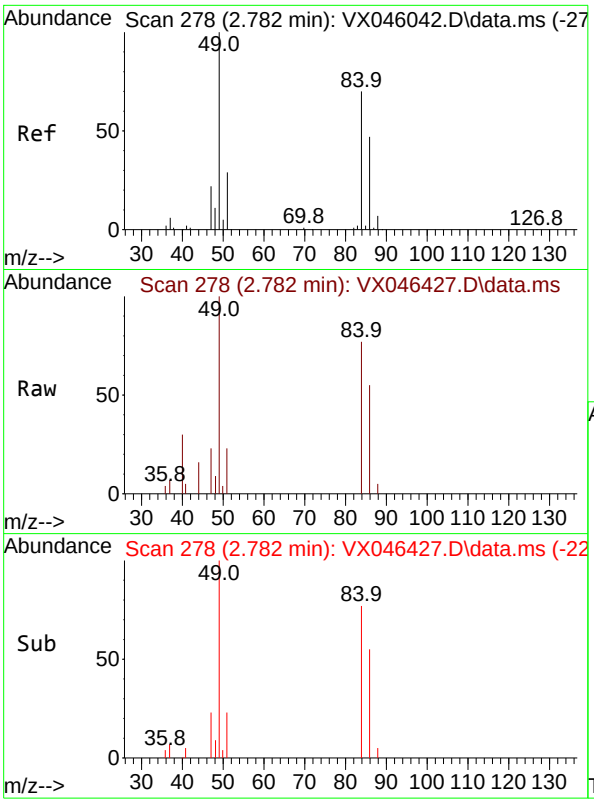


#18
Methyl Acetate
Concen: 0.369 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 394

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#



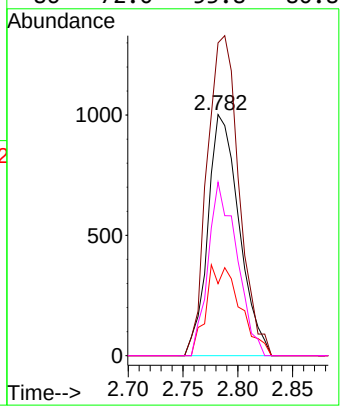


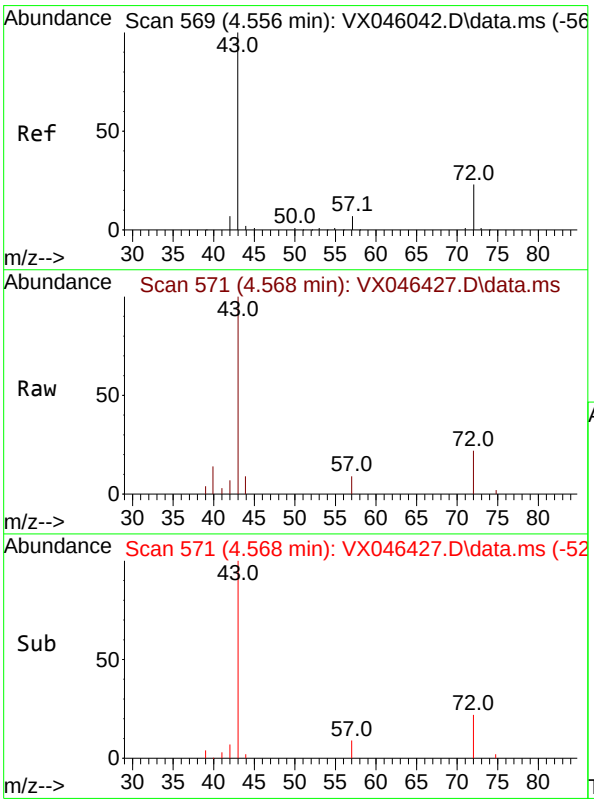
#20
Methylene Chloride
Concen: 2.263 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 84 Resp: 1993

Ion	Ratio	Lower	Upper
84	100		
49	129.7	113.9	170.9
51	29.8	33.5	50.3#
86	72.0	53.8	80.8

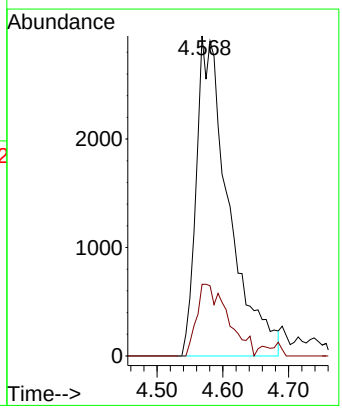


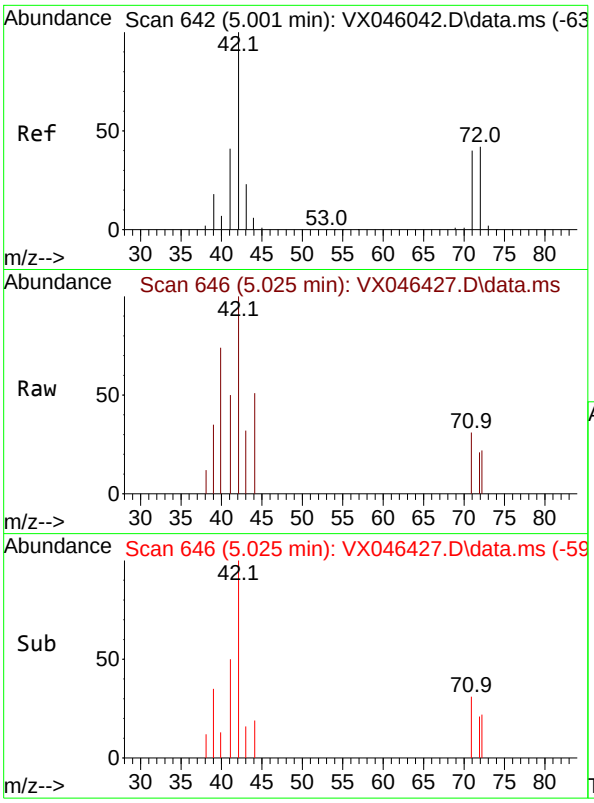


#25
2-Butanone
Concen: 15.083 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 43 Resp: 10062

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.4	27.6



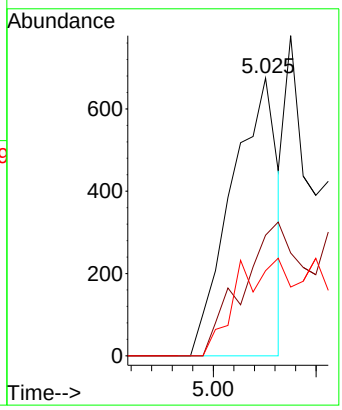


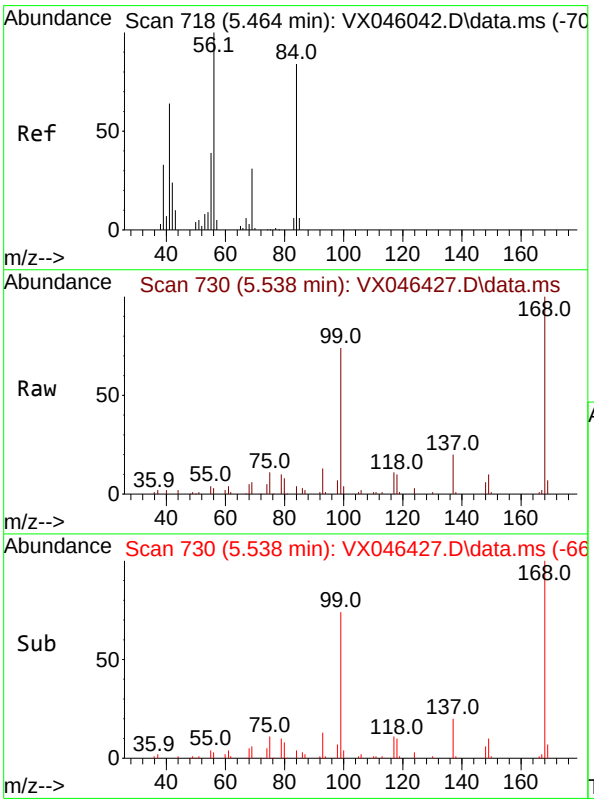
#29
Tetrahydrofuran
Concen: 2.512 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 42 Resp: 1050

Ion	Ratio	Lower	Upper
42	100		
72	88.5	33.7	50.5#
71	39.5	31.4	47.2

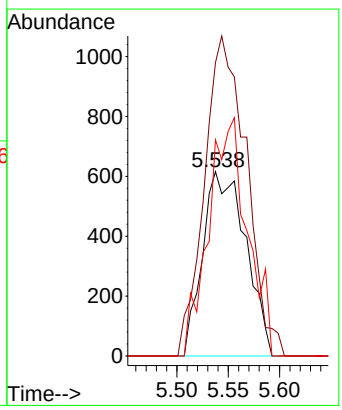


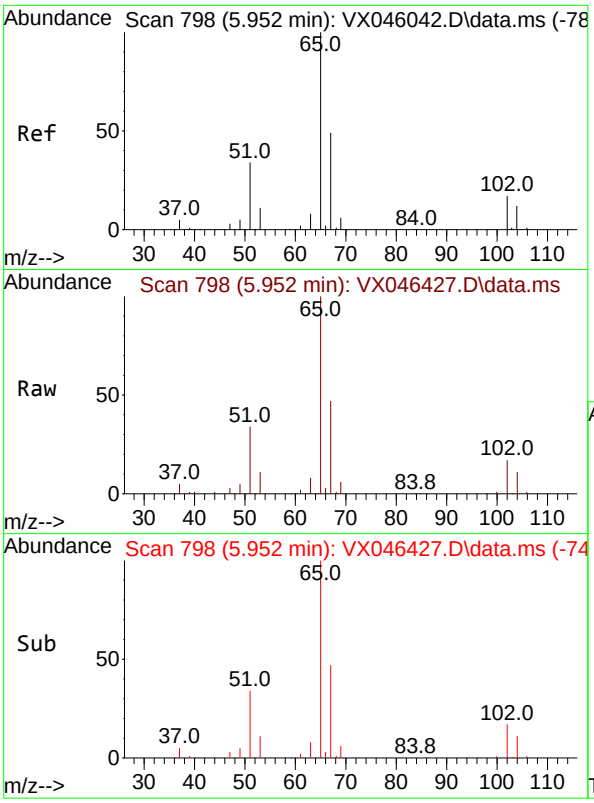


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 56 Resp: 1791

Ion	Ratio	Lower	Upper
56	100		
69	159.1	24.4	36.6#
84	117.2	66.9	100.3#



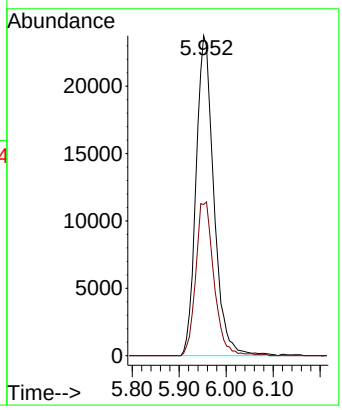


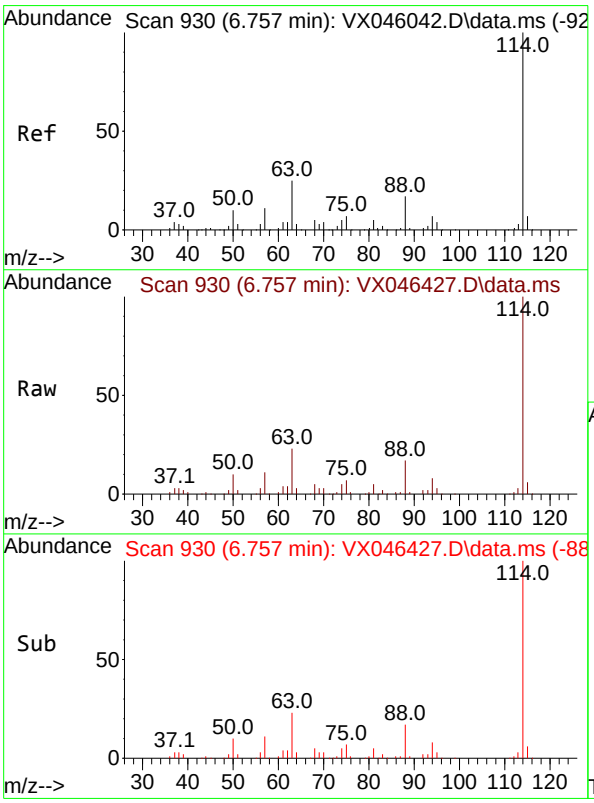
#33
1,2-Dichloroethane-d4
Concen: 54.676 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 65 Resp: 62662

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0

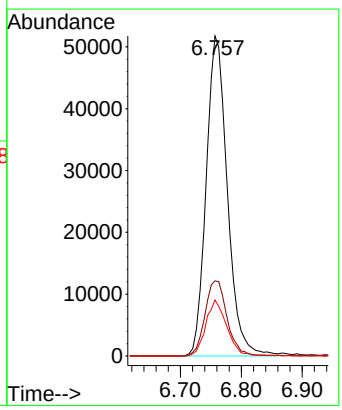


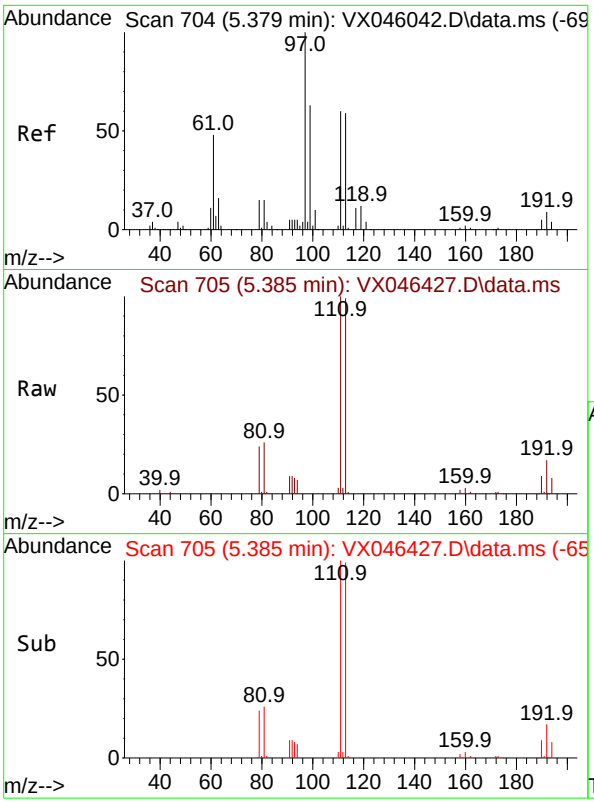


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:114 Resp: 125059

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	17.5	0.0	33.6



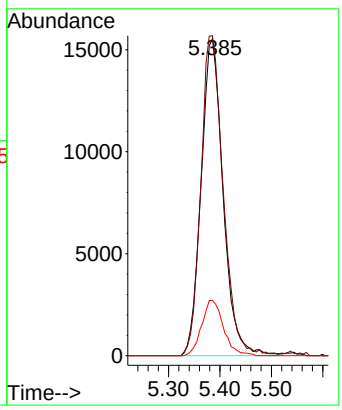


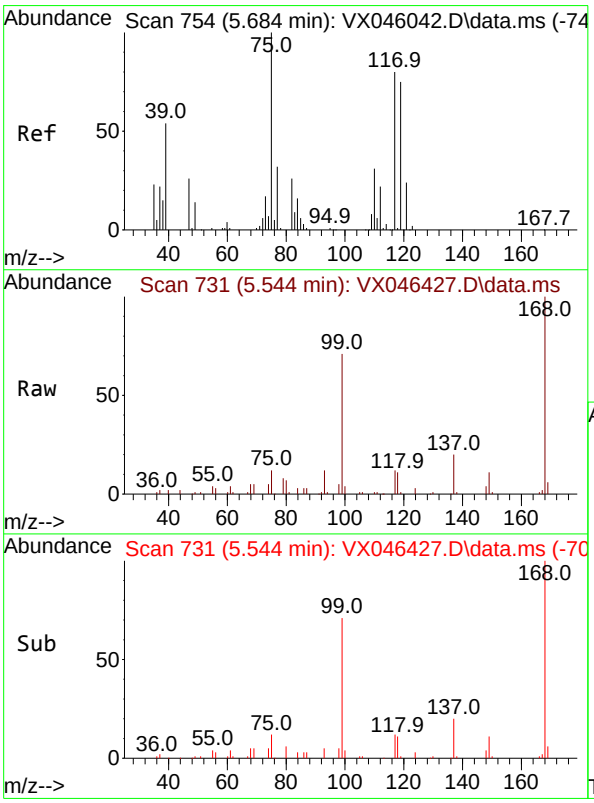
#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion:113 Resp: 46103

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	17.4	13.3	19.9

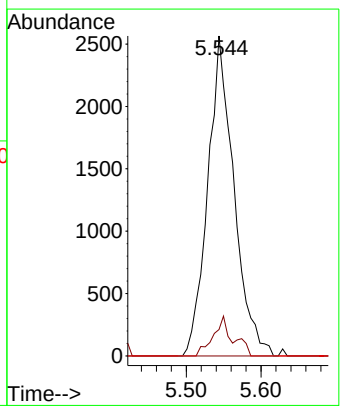


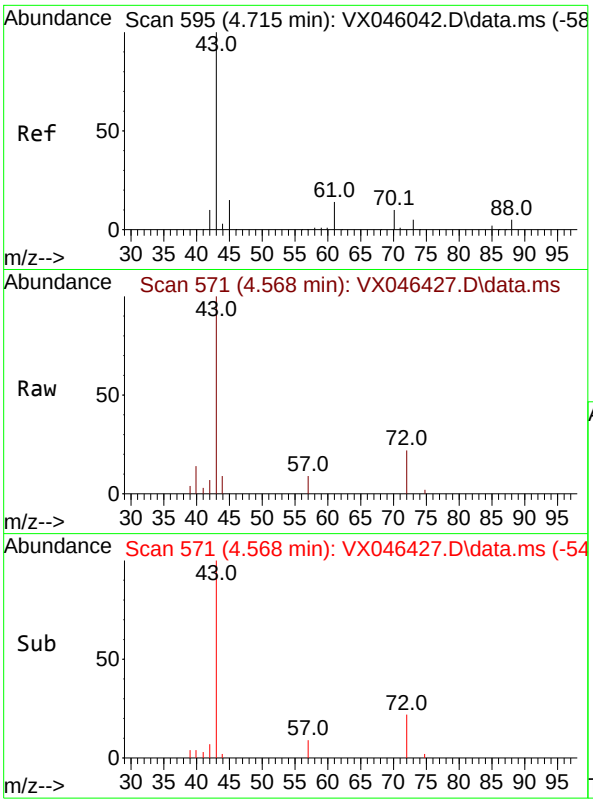


#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 75 Resp: 6260

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	24.3	36.5#



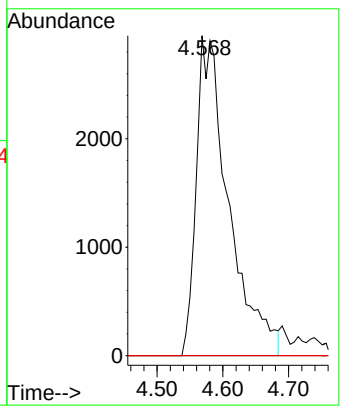


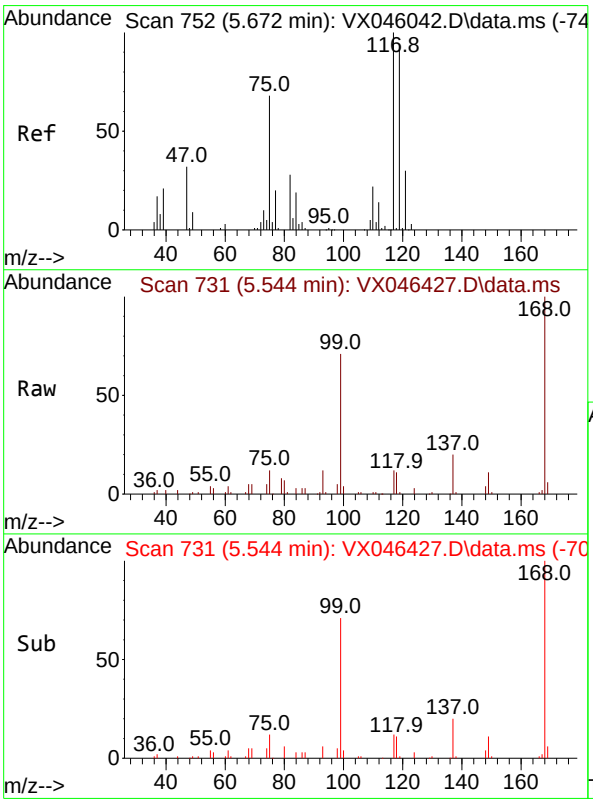
#37
Ethyl Acetate
Concen: 6.731 ug/l
RT: 4.568 min Scan# 5
Delta R.T. -0.146 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 43 Resp: 10062

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.9	11.9#

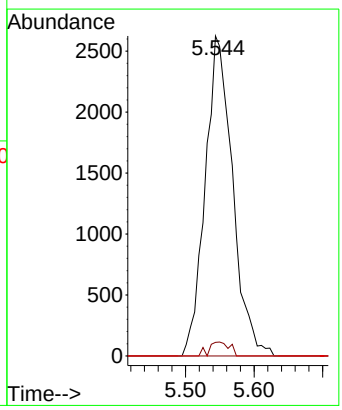


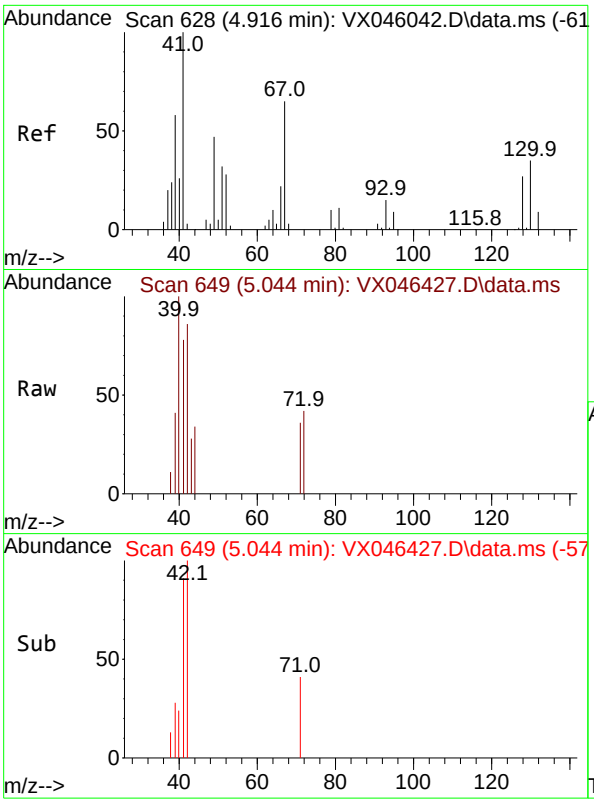


#38
Carbon Tetrachloride
Concen: 5.361 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:117 Resp: 7288

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.2	112.8#
121	0.0	24.2	36.4#



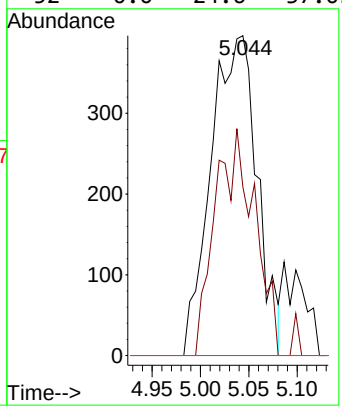


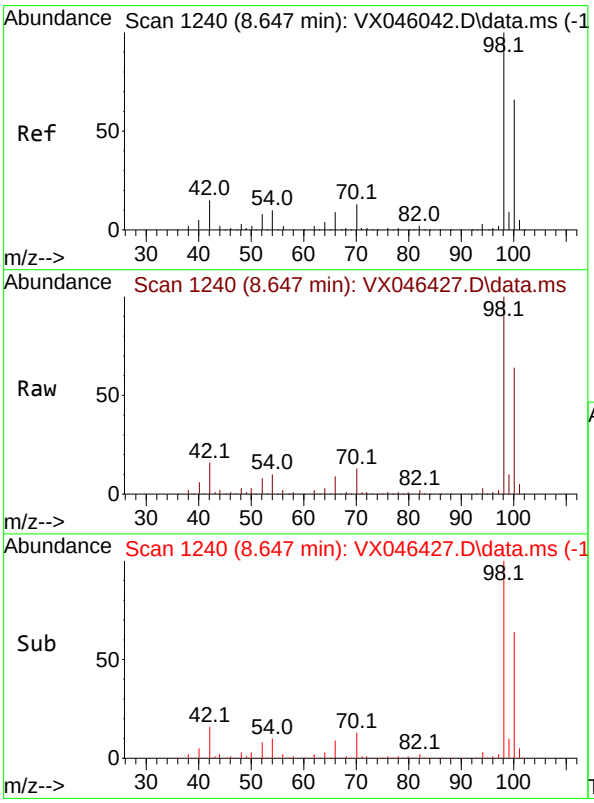
#41
Methacrylonitrile
Concen: 1.684 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.128 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 41 Resp: 1317

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.2	70.8#
67	0.0	50.7	76.1#
52	0.0	24.6	37.0#

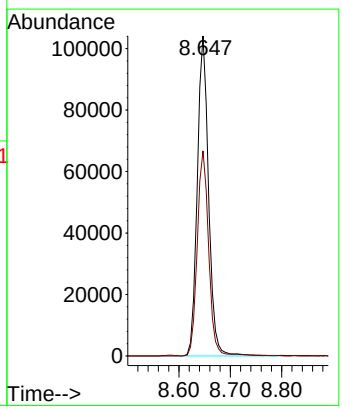


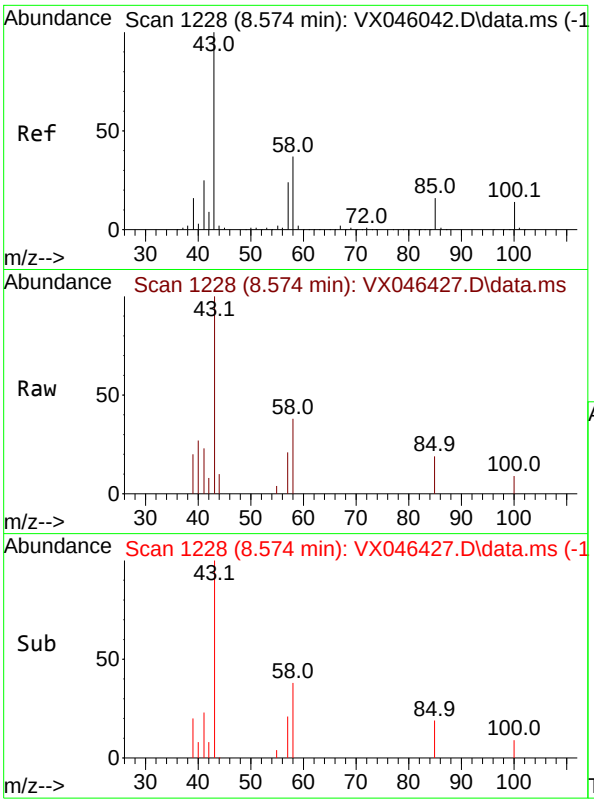


#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 98 Resp: 158514

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3



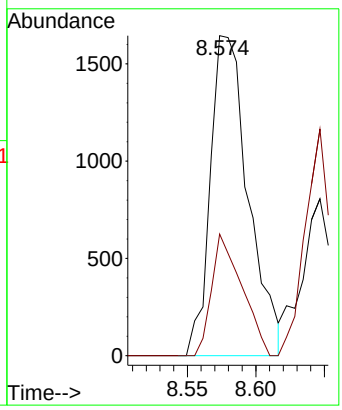


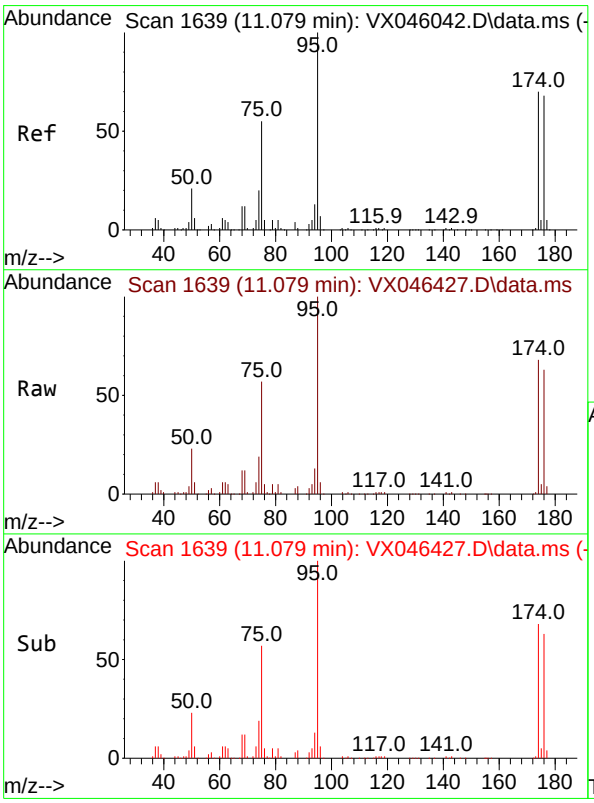
#51
4-Methyl-2-Pentanone
Concen: 2.097 ug/l
RT: 8.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 43 Resp: 3175

Ion	Ratio	Lower	Upper
43	100		
58	30.4	28.9	43.3

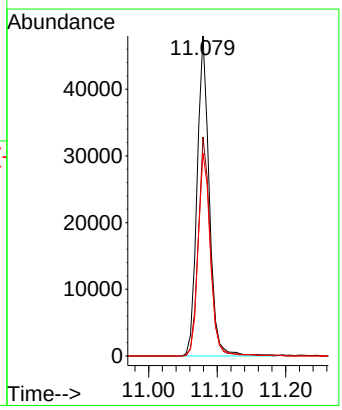


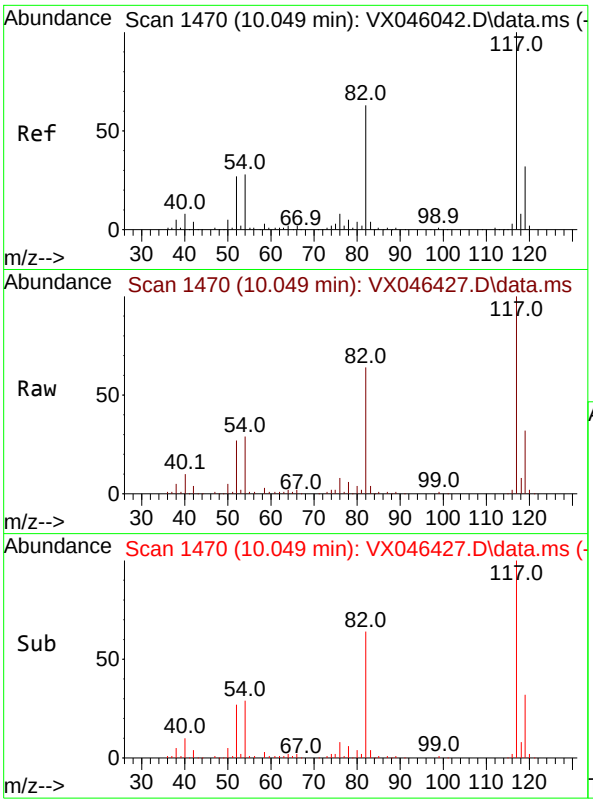


#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 95 Resp: 59228

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	63.4	0.0	131.4



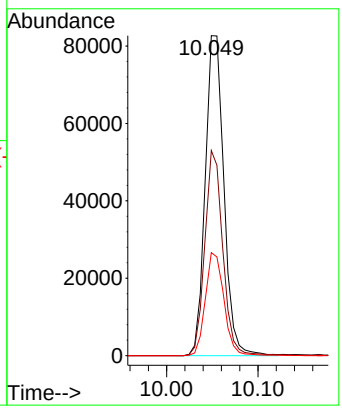


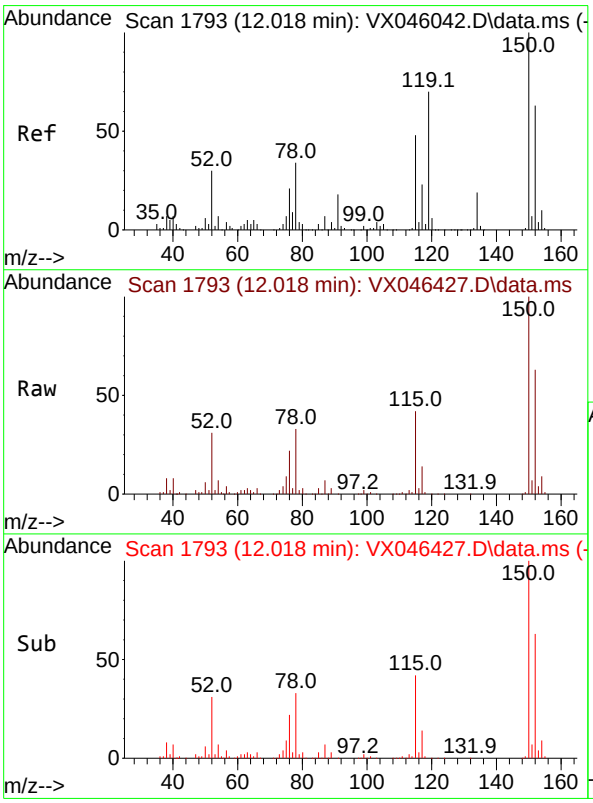
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion:117 Resp: 117701

Ion	Ratio	Lower	Upper
117	100		
82	64.1	50.6	76.0
119	32.2	25.8	38.6

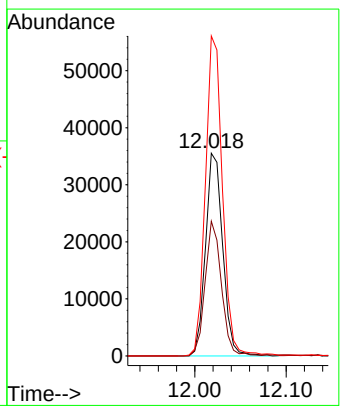


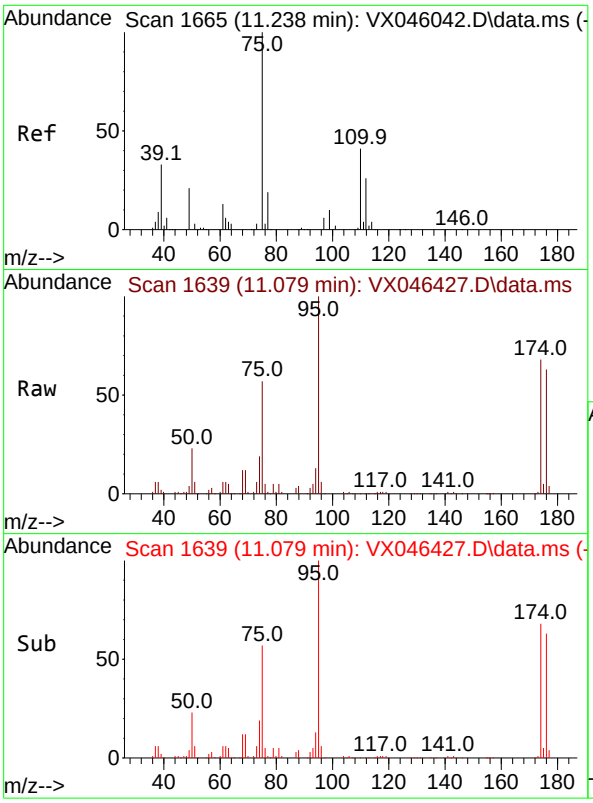


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion:152 Resp: 46505

Ion	Ratio	Lower	Upper
152	100		
115	62.9	46.9	140.7
150	156.1	0.0	351.0



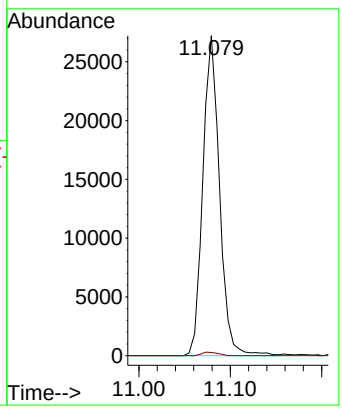


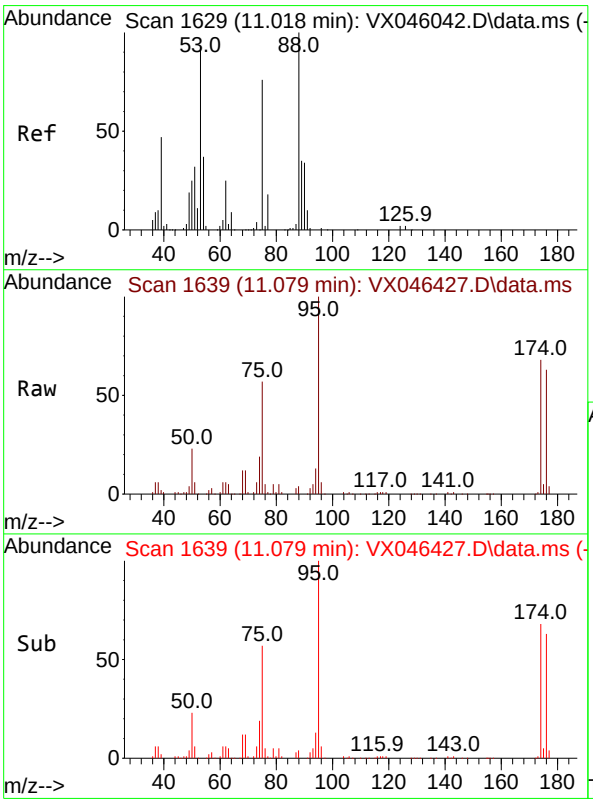
#76
1,2,3-Trichloropropane
Concen: 30.739 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 75 Resp: 34409

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#

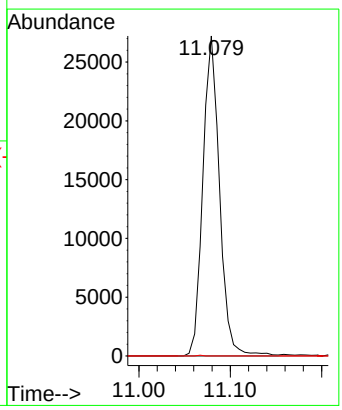




#81
trans-1,4-Dichloro-2-butene
Concen: 100.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046427.D
Acq: 30 May 2025 17:23

Tgt Ion: 75 Resp: 34409

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.5	150.7#
89	0.1	37.0	55.6#



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Quant Time: May 31 05:19:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	79536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76037	51.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	5.379	113	52269	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	171593	47.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	69430	50.571	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	62420	51.275	ug/l	97
3) Chloromethane	1.306	50	62848	53.237	ug/l	99
4) Vinyl Chloride	1.373	62	56763	51.664	ug/l	99
5) Bromomethane	1.593	94	25803	50.634	ug/l	98
6) Chloroethane	1.666	64	31490	53.688	ug/l	98
7) Trichlorofluoromethane	1.873	101	86347	53.176	ug/l	98
8) Diethyl Ether	2.136	74	29725	53.775	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	54675	54.410	ug/l	98
10) Methyl Iodide	2.440	142	67016	56.362	ug/l	100
11) Tert butyl alcohol	2.983	59	62436	299.970	ug/l	99
12) 1,1-Dichloroethene	2.306	96	50583	53.635	ug/l	97
13) Acrolein	2.233	56	62233	262.542	ug/l	98
14) Allyl chloride	2.654	41	104310	57.872	ug/l	95
15) Acrylonitrile	3.062	53	185721	312.049	ug/l	98
16) Acetone	2.385	43	185426	311.884	ug/l	100
17) Carbon Disulfide	2.501	76	108665	48.600	ug/l	100
18) Methyl Acetate	2.703	43	101553	73.609	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	189124	57.199	ug/l	97
20) Methylene Chloride	2.782	84	60300	52.926	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	51195	53.979	ug/l	98
22) Diisopropyl ether	3.763	45	200122	57.479	ug/l	92
23) Vinyl Acetate	3.721	43	828691	270.616	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110986	57.233	ug/l	99
25) 2-Butanone	4.556	43	271844	314.948	ug/l	98
26) 2,2-Dichloropropane	4.470	77	71863	47.346	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63831	55.906	ug/l	98
28) Bromochloromethane	4.897	49	50288	53.874	ug/l	96
29) Tetrahydrofuran	5.007	42	166798	308.392	ug/l	99
30) Chloroform	5.086	83	115922	57.351	ug/l	97
31) Cyclohexane	5.464	56	93568	52.949	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	97601	55.704	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72369	52.085	ug/l	98
37) Ethyl Acetate	4.720	43	94527	55.065	ug/l	99
38) Carbon Tetrachloride	5.665	117	81657	52.306	ug/l	99
39) Methylcyclohexane	7.372	83	90720	50.716	ug/l	99
40) Benzene	6.031	78	220887	54.275	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Quant Time: May 31 05:19:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	58282	64.902	ug/l		98
42) 1,2-Dichloroethane	6.080	62	97143	55.305	ug/l		99
43) Isopropyl Acetate	6.342	43	150267	57.379	ug/l		98
44) Trichloroethene	7.122	130	52156	53.246	ug/l		94
45) 1,2-Dichloropropane	7.427	63	56924	56.250	ug/l		97
46) Dibromomethane	7.574	93	43777	54.848	ug/l		99
47) Bromodichloromethane	7.817	83	88865	56.529	ug/l		98
48) Methyl methacrylate	7.689	41	80328	60.060	ug/l		98
49) 1,4-Dioxane	7.659	88	28386	1117.783	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	542643	312.159	ug/l		98
52) Toluene	8.714	92	135485	54.291	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	75460	54.004	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	83609	54.138	ug/l		97
55) 1,1,2-Trichloroethane	9.146	97	55494	56.396	ug/l		96
56) Ethyl methacrylate	9.116	69	93893	59.870	ug/l		99
57) 1,3-Dichloropropane	9.305	76	97423	55.129	ug/l		100
59) 2-Hexanone	9.427	43	406005	315.688	ug/l		100
60) Dibromochloromethane	9.518	129	61911	57.290	ug/l		99
61) 1,2-Dibromoethane	9.610	107	56744	55.483	ug/l		99
64) Tetrachloroethene	9.268	164	48563	54.423	ug/l		95
65) Chlorobenzene	10.079	112	146711	53.149	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	51037	54.146	ug/l		99
67) Ethyl Benzene	10.189	91	267155	54.904	ug/l		99
68) m/p-Xylenes	10.299	106	192988	108.442	ug/l		98
69) o-Xylene	10.640	106	97673	56.296	ug/l		100
70) Styrene	10.652	104	161812	56.934	ug/l		99
71) Bromoform	10.799	173	40231	56.849	ug/l	#	100
73) Isopropylbenzene	10.957	105	257943	53.404	ug/l		99
74) N-amyl acetate	10.841	43	130202	54.553	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88612	52.353	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	99839	66.856	ug/l		86
77) Bromobenzene	11.195	156	58001	51.725	ug/l		99
78) n-propylbenzene	11.305	91	298445	53.142	ug/l		100
79) 2-Chlorotoluene	11.359	91	187233	51.688	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	217152	53.815	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	23761	51.802	ug/l		98
82) 4-Chlorotoluene	11.451	91	212802	52.974	ug/l		98
83) tert-Butylbenzene	11.713	119	213853	52.615	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	219791	53.787	ug/l		100
85) sec-Butylbenzene	11.890	105	270845	54.272	ug/l		99
86) p-Isopropyltoluene	12.006	119	221004	53.650	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	106292	51.938	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	105861	50.651	ug/l		99
89) n-Butylbenzene	12.329	91	194522	53.834	ug/l		99
90) Hexachloroethane	12.536	117	38274	52.739	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	108652	52.907	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21435	57.165	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	60157	51.001	ug/l		100
94) Hexachlorobutadiene	13.725	225	25337	49.184	ug/l		96
95) Naphthalene	13.774	128	226842	52.436	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	62860	51.649	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Quant Time: May 31 05:19:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

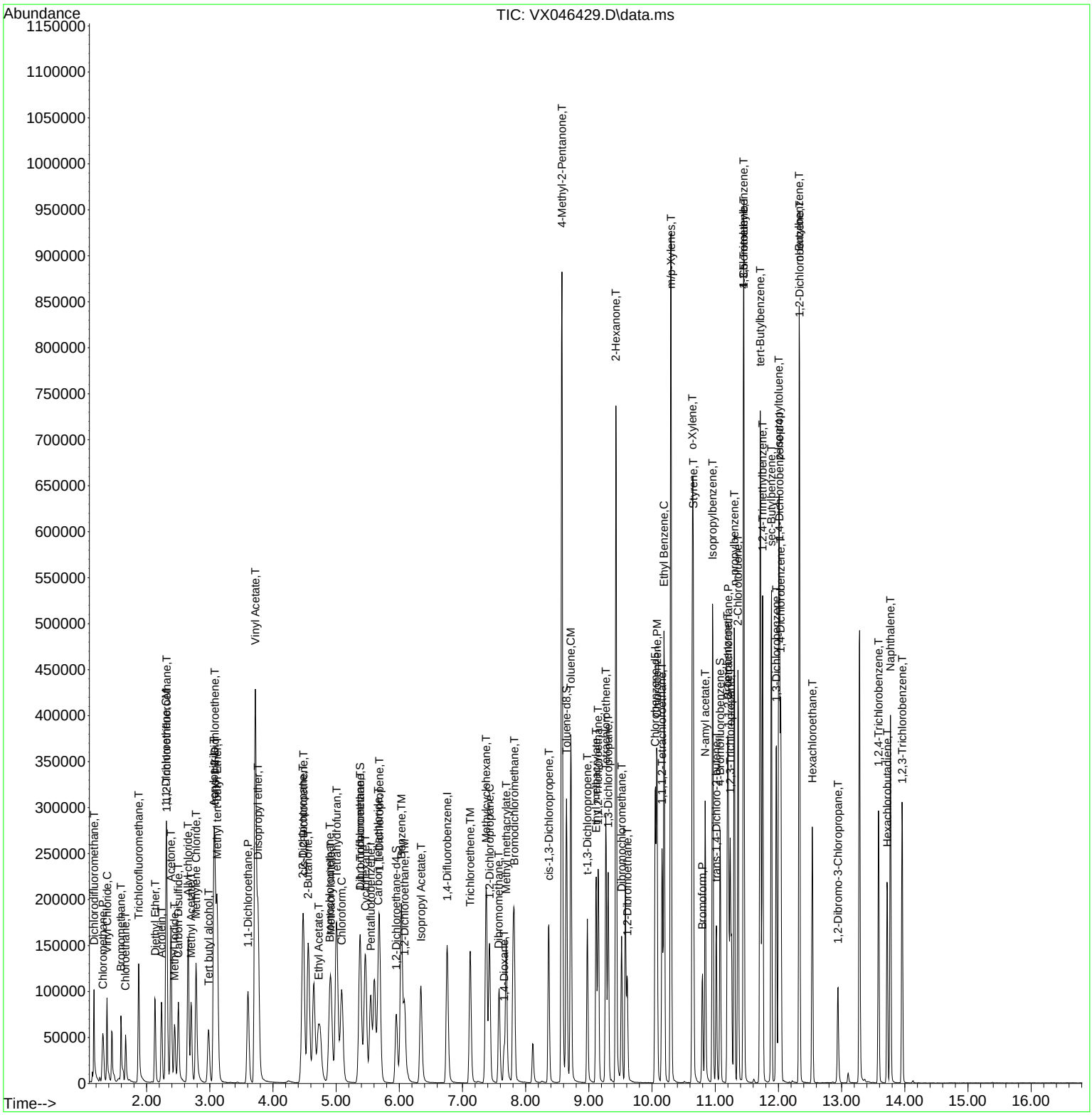
(#) = qualifier out of range (m) = manual integration (+) = signals summed

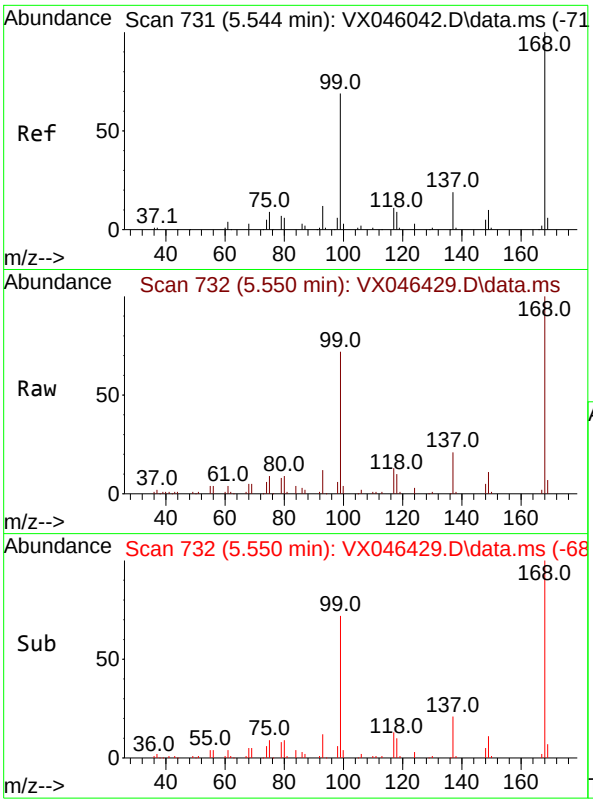
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046429.D
Acq On : 30 May 2025 18:09
Operator : JC/MD
Sample : Q2162-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Quant Time: May 31 05:19:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



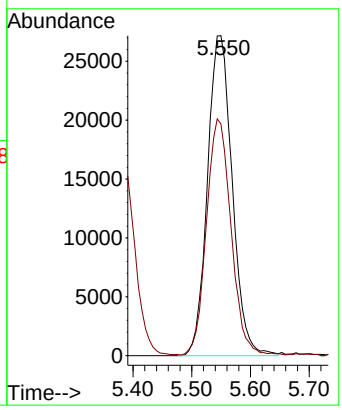


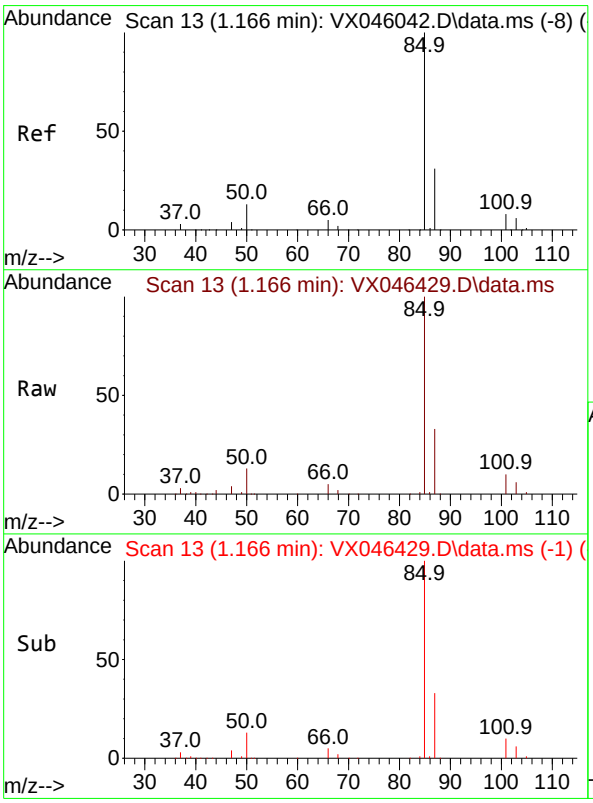
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:168 Resp: 79536

Ion	Ratio	Lower	Upper
168	100		
99	72.1	54.9	82.3

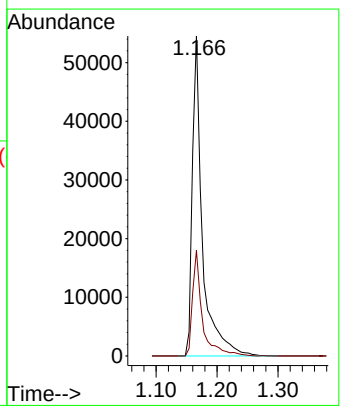


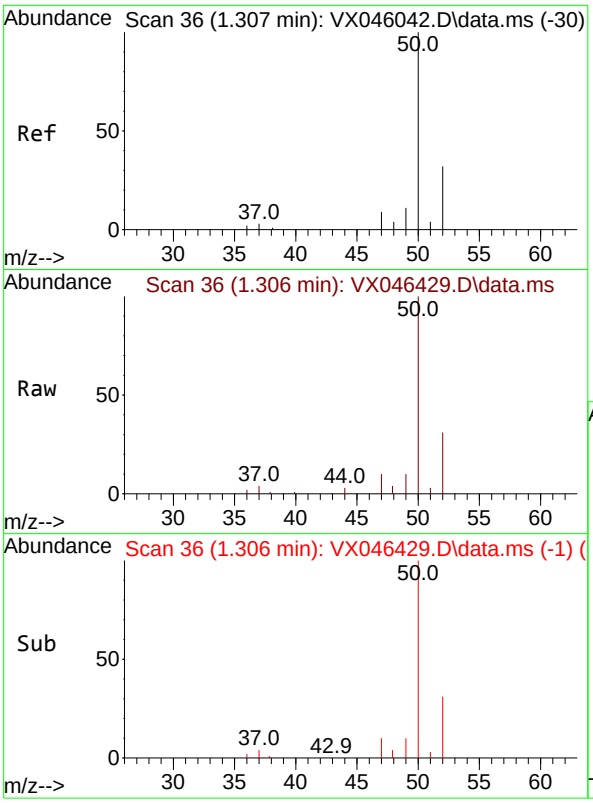


#2
Dichlorodifluoromethane
Concen: 51.275 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 85 Resp: 62420

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1



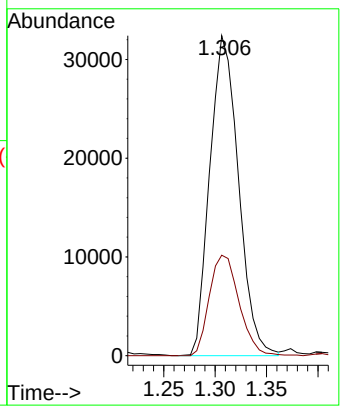


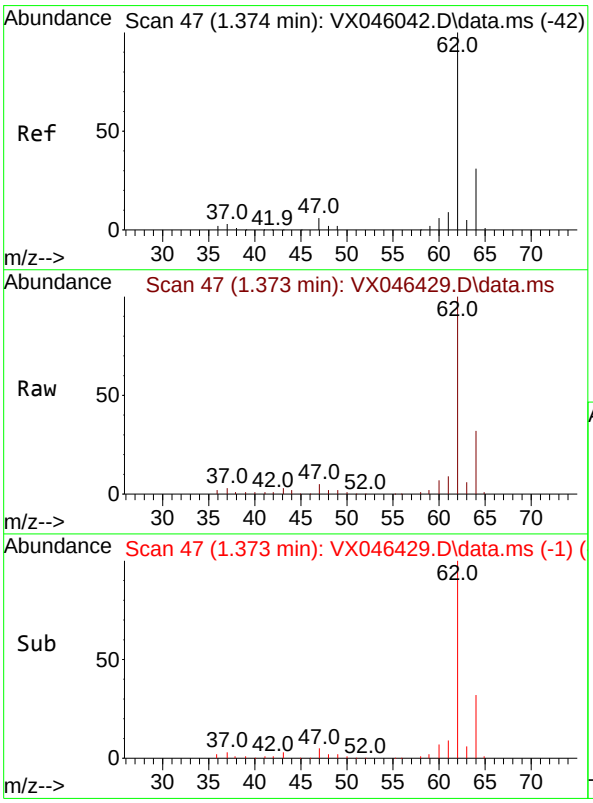
#3
Chloromethane
Concen: 53.237 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 50 Resp: 62848

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.4	38.2

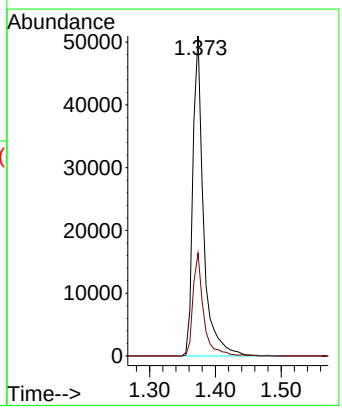


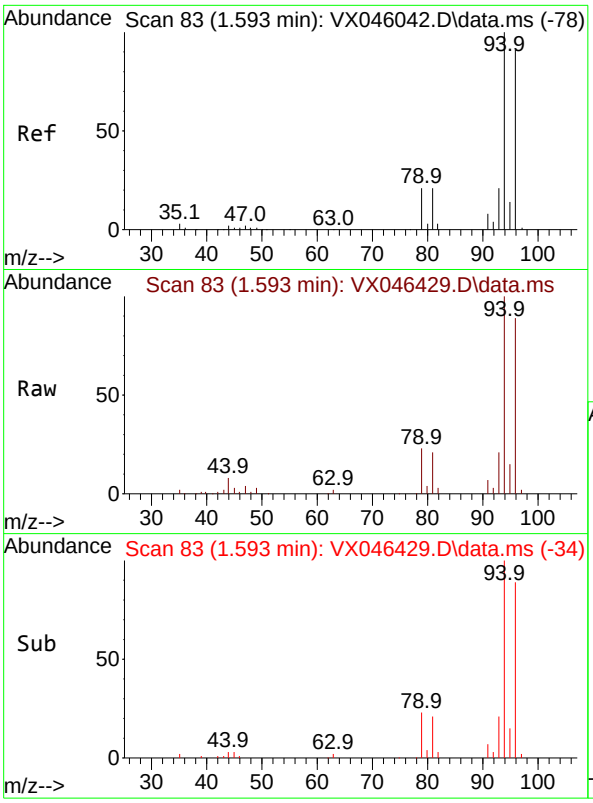


#4
Vinyl Chloride
Concen: 51.664 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 62 Resp: 56763

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.2	37.8



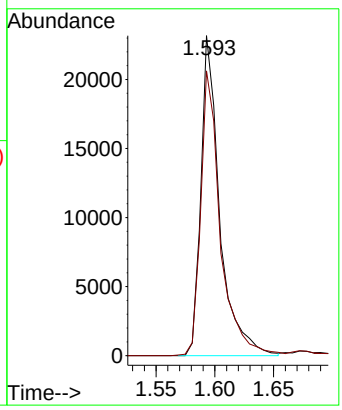


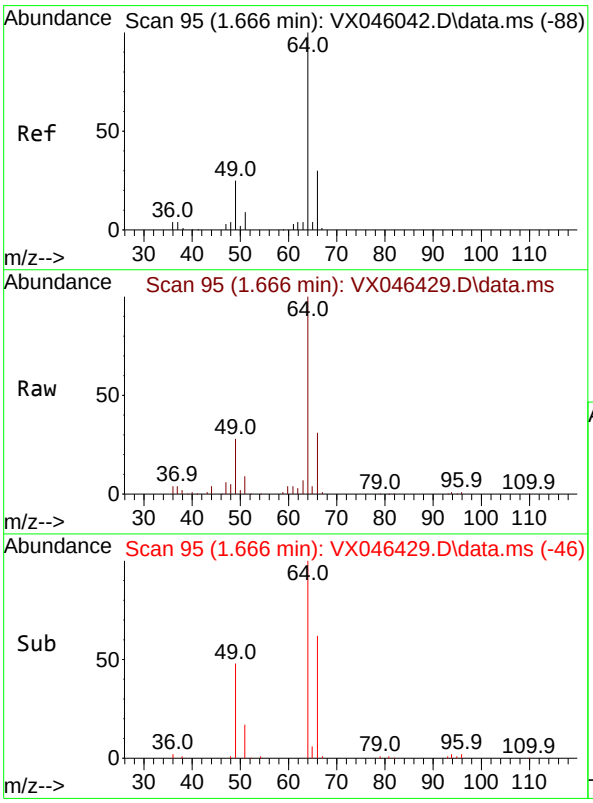
#5
Bromomethane
Concen: 50.634 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 94 Resp: 25803

Ion	Ratio	Lower	Upper
94	100		
96	88.8	72.8	109.2

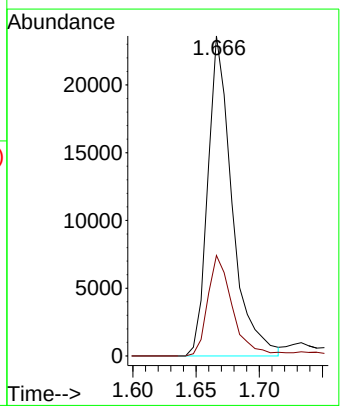


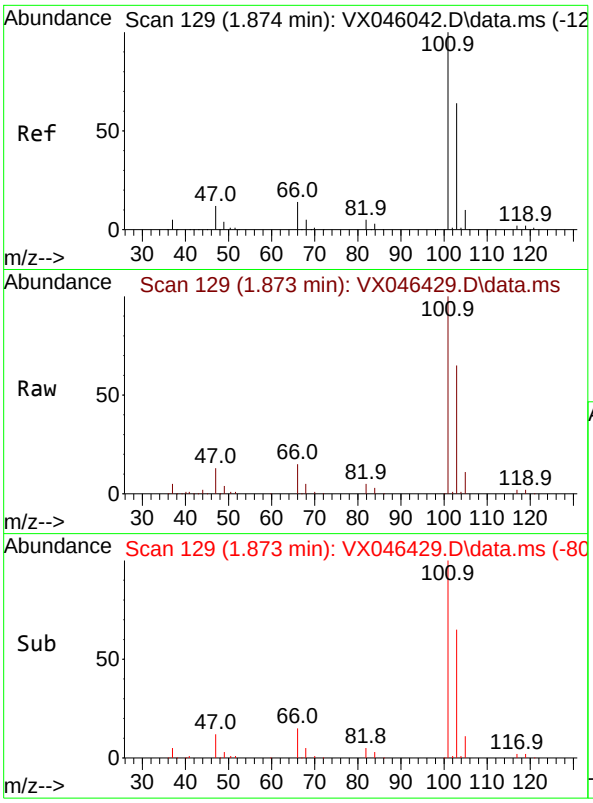


#6
Chloroethane
Concen: 53.688 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 64 Resp: 31490

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.3	36.5



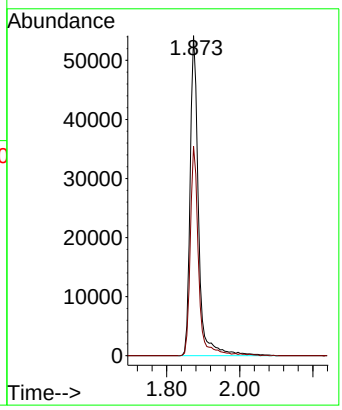


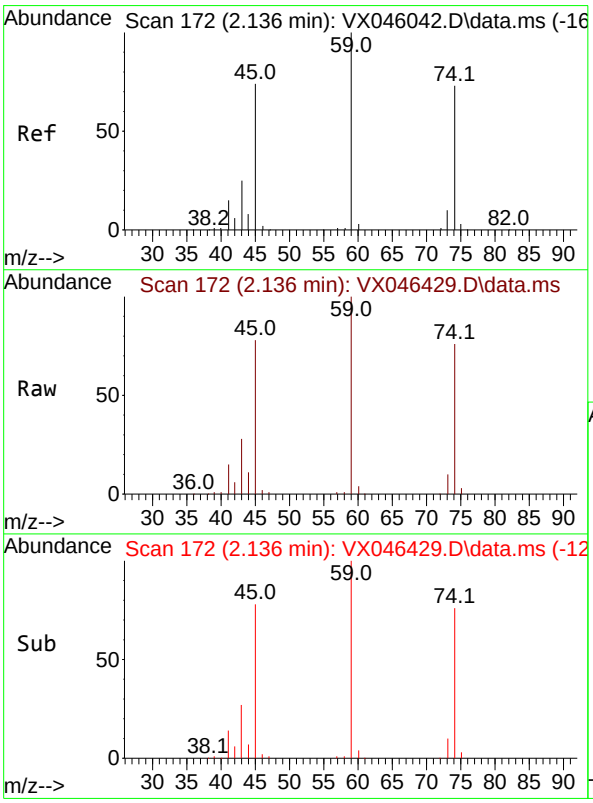
#7
Trichlorofluoromethane
Concen: 53.176 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:101 Resp: 86347

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4

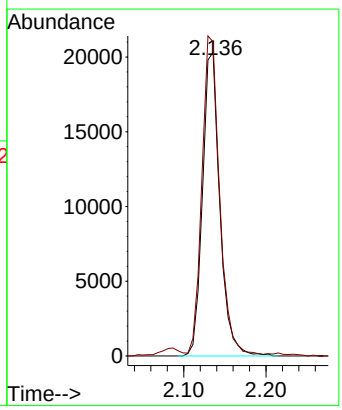


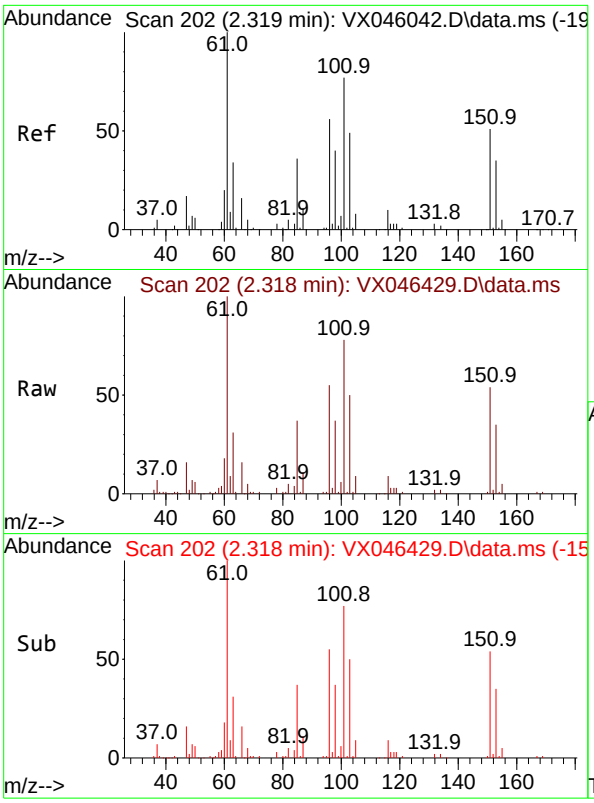


#8
Diethyl Ether
Concen: 53.775 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 74 Resp: 29725

Ion	Ratio	Lower	Upper
74	100		
45	106.7	54.9	164.8



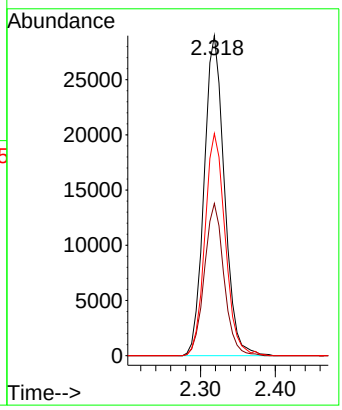


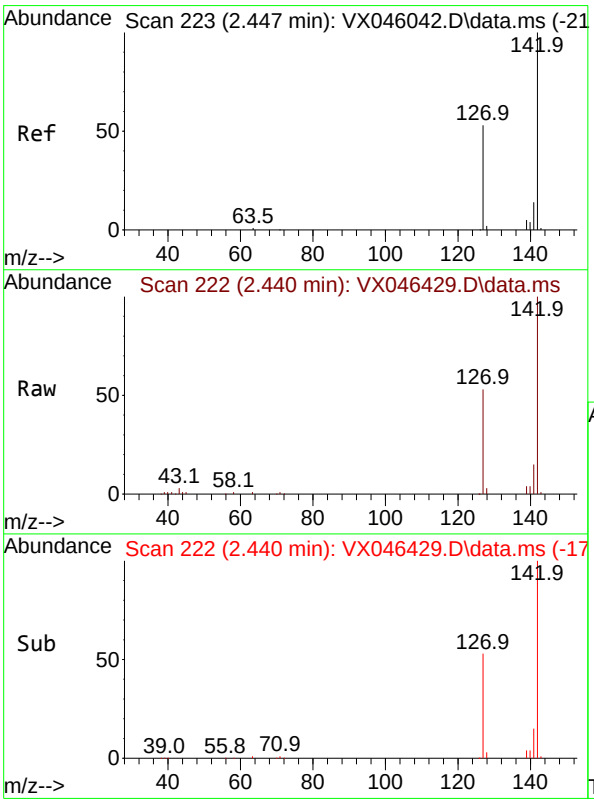
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.410 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:101 Resp: 54675

Ion	Ratio	Lower	Upper
101	100		
85	46.0	38.6	58.0
151	69.6	55.2	82.8

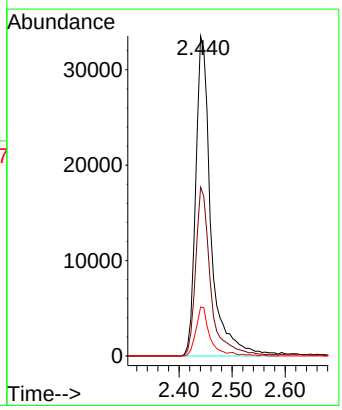


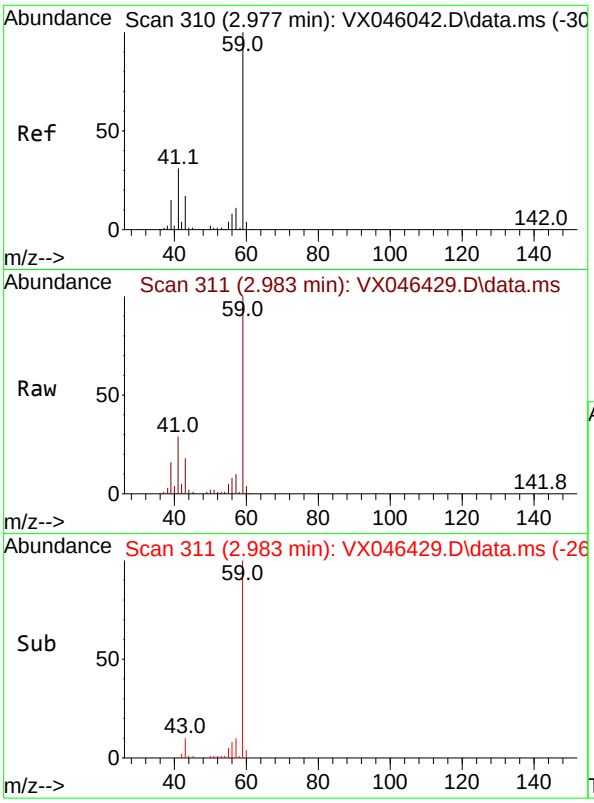


#10
Methyl Iodide
Concen: 56.362 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:142 Resp: 67016

Ion	Ratio	Lower	Upper
142	100		
127	52.3	41.7	62.5
141	14.3	11.5	17.3



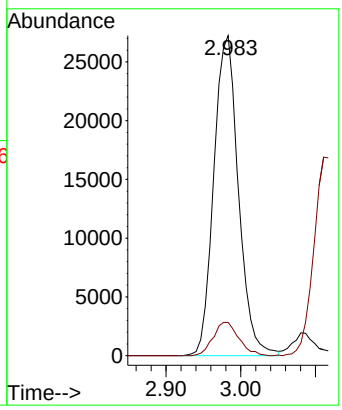


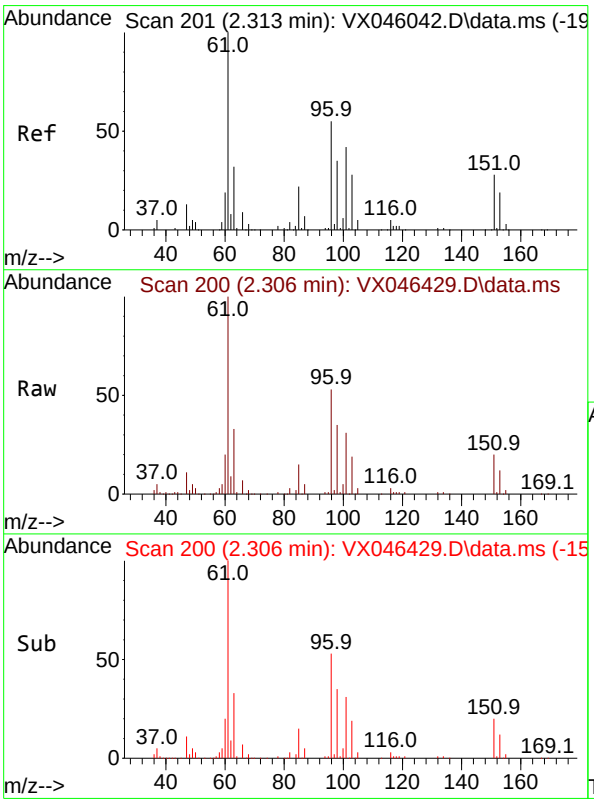
#11
Tert butyl alcohol
Concen: 299.970 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 59 Resp: 62436

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

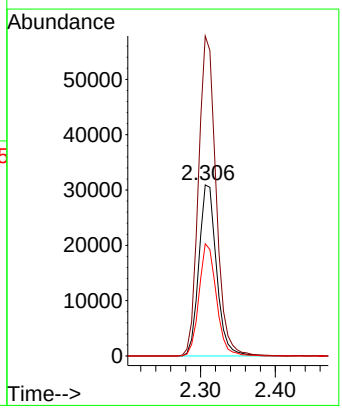


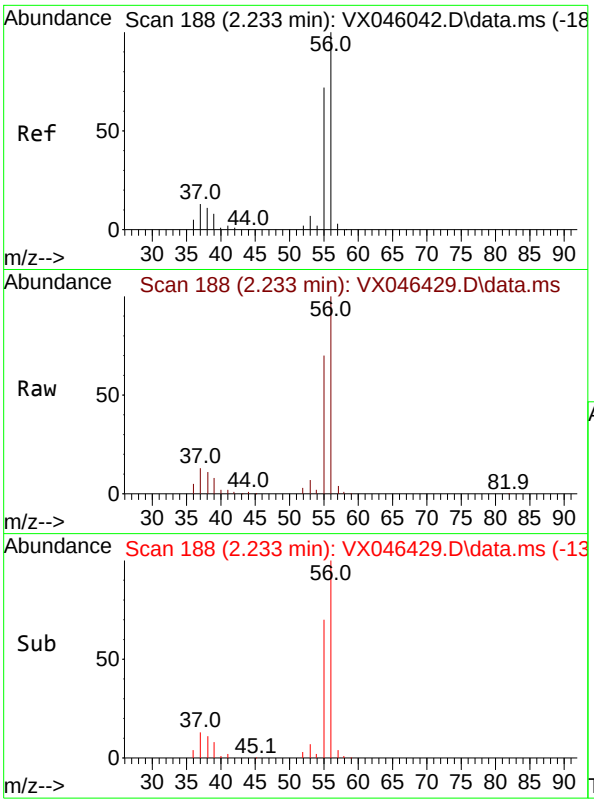


#12
1,1-Dichloroethene
Concen: 53.635 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 96 Resp: 50583

Ion	Ratio	Lower	Upper
96	100		
61	187.1	146.2	219.2
98	65.6	51.0	76.6



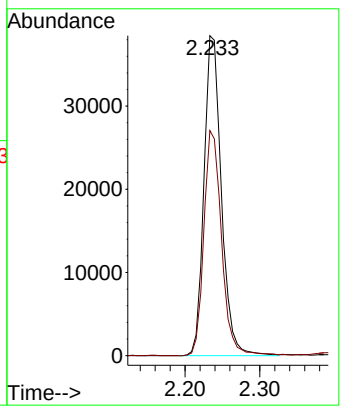


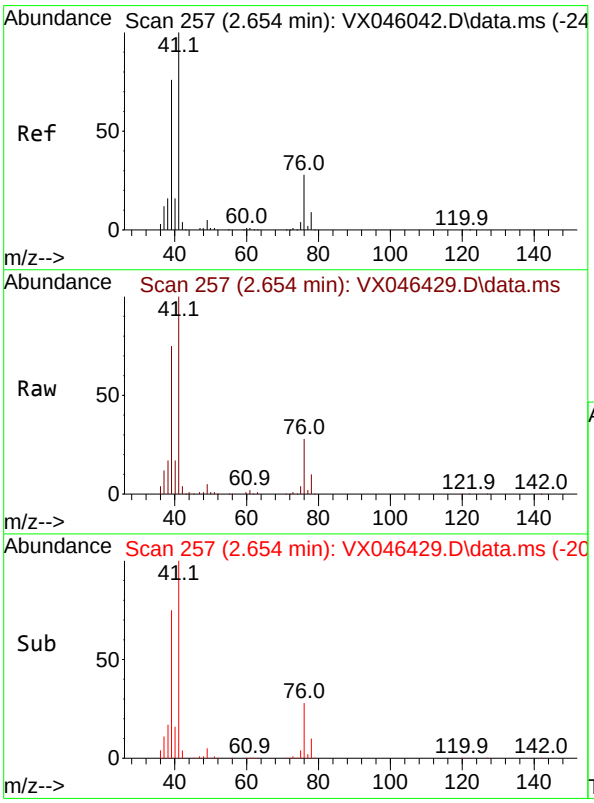
#13
Acrolein
Concen: 262.542 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 56 Resp: 62233

Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.2	84.4

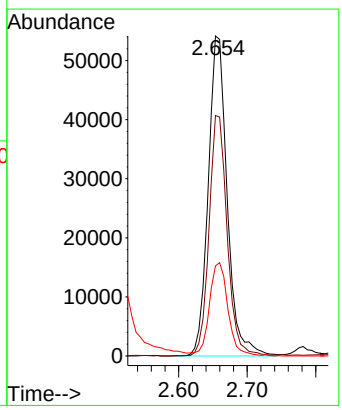


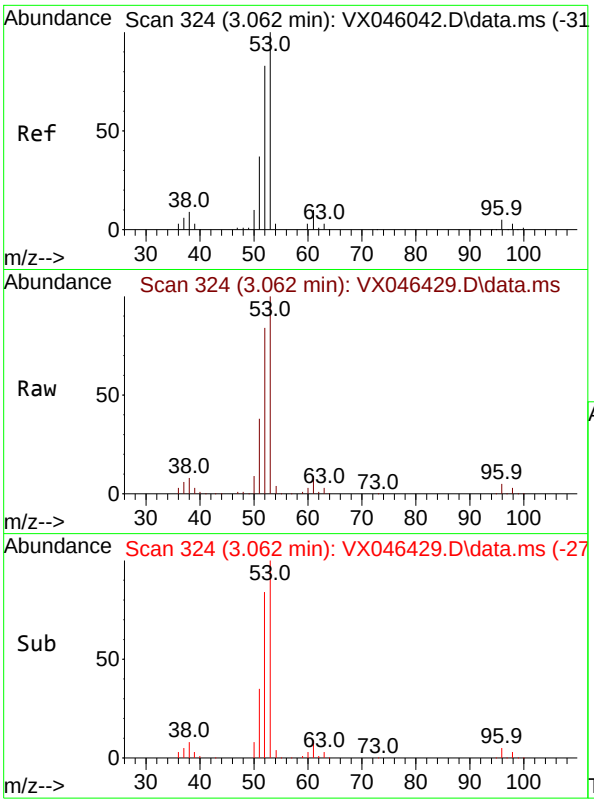


#14
Allyl chloride
Concen: 57.872 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 41 Resp: 104310

Ion	Ratio	Lower	Upper
41	100		
39	71.7	60.6	90.8
76	28.5	24.9	37.3



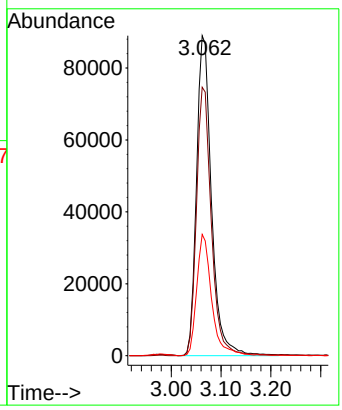


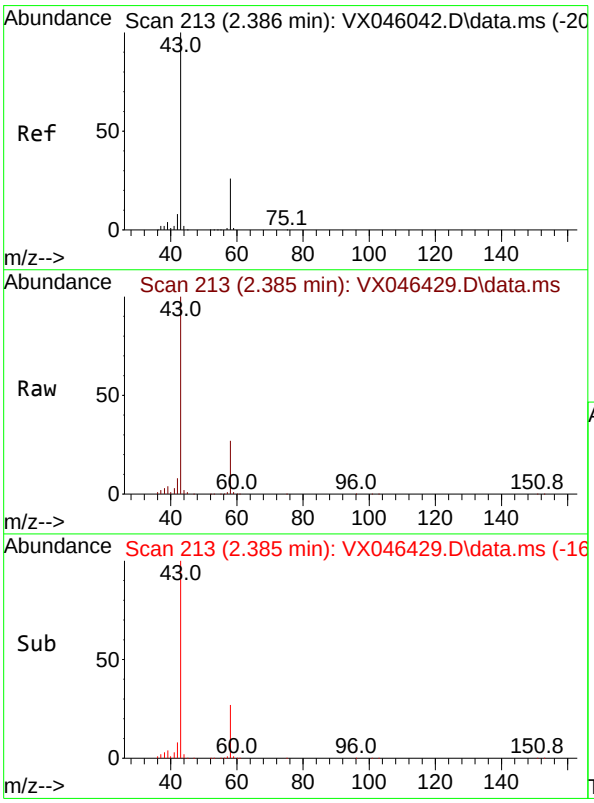
#15
Acrylonitrile
Concen: 312.049 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 53 Resp: 185721

Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.3	97.9
51	37.9	29.8	44.8

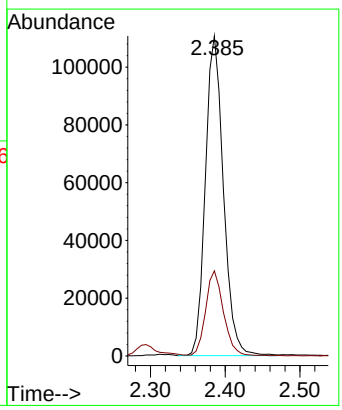


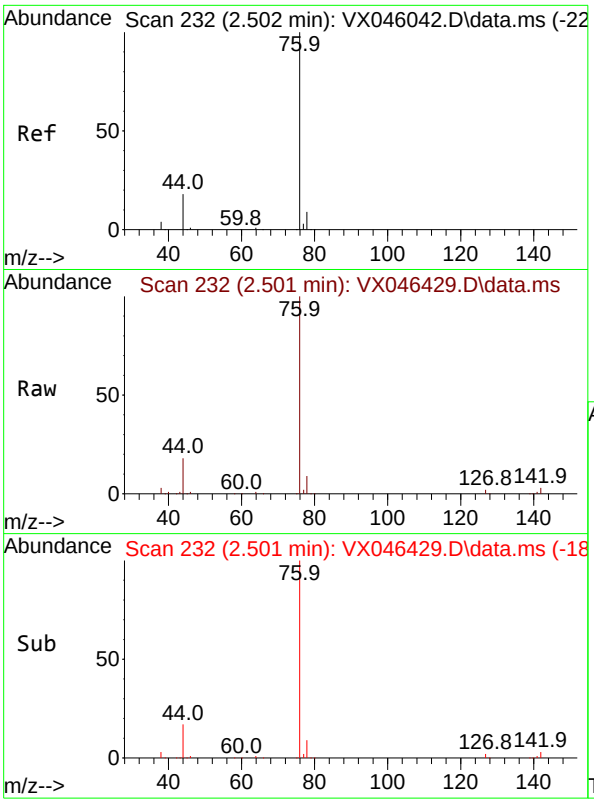


#16
Acetone
Concen: 311.884 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 185426

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.2	31.8



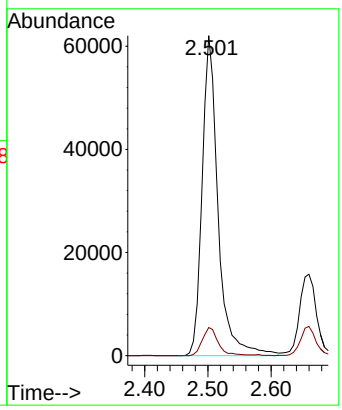


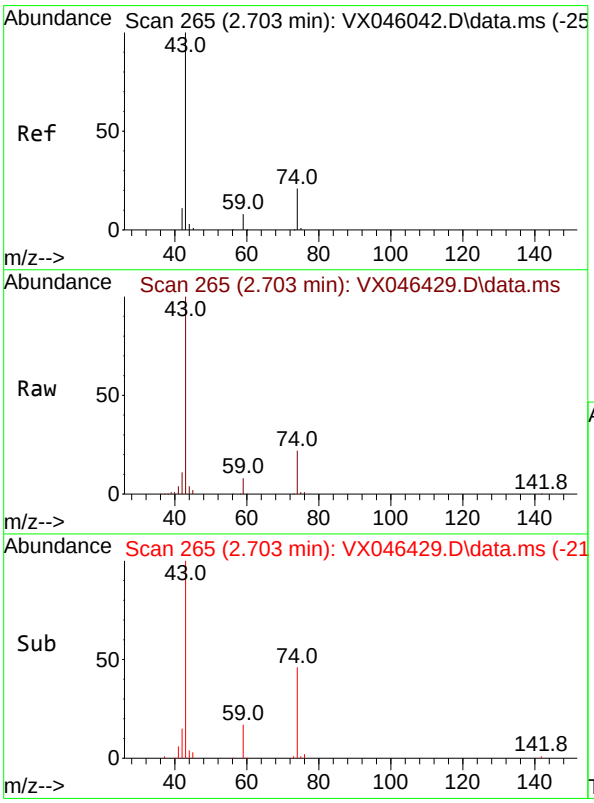
#17
Carbon Disulfide
Concen: 48.600 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 76 Resp: 108665

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

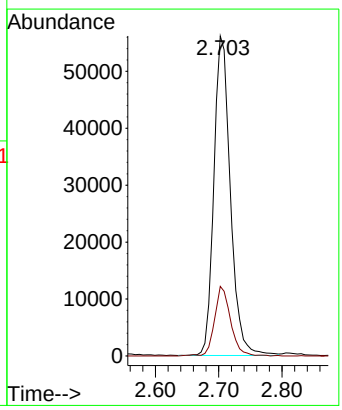


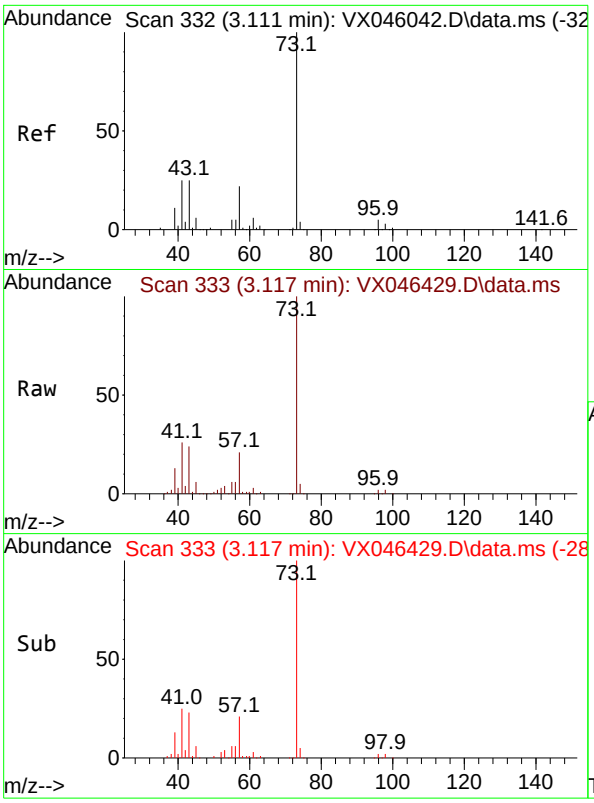


#18
Methyl Acetate
Concen: 73.609 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 101553

Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1



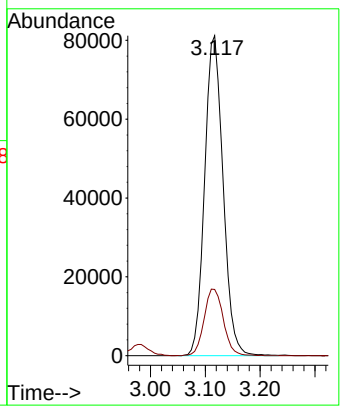


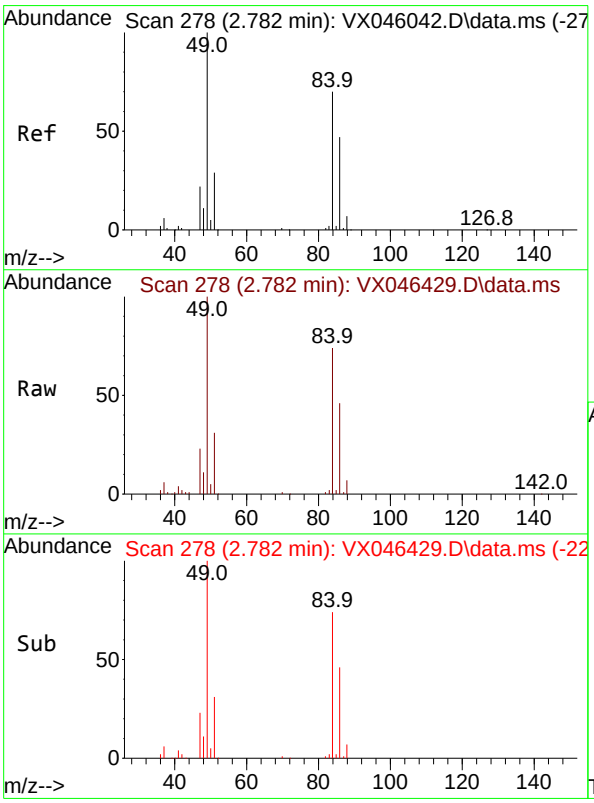
#19
Methyl tert-butyl Ether
Concen: 57.199 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 73 Resp: 189124

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.7	26.5

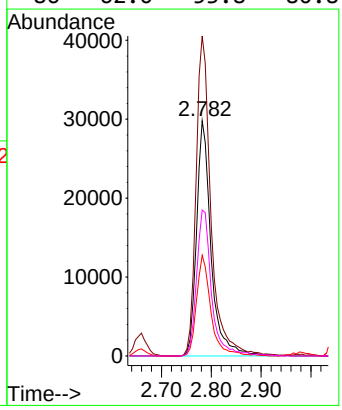


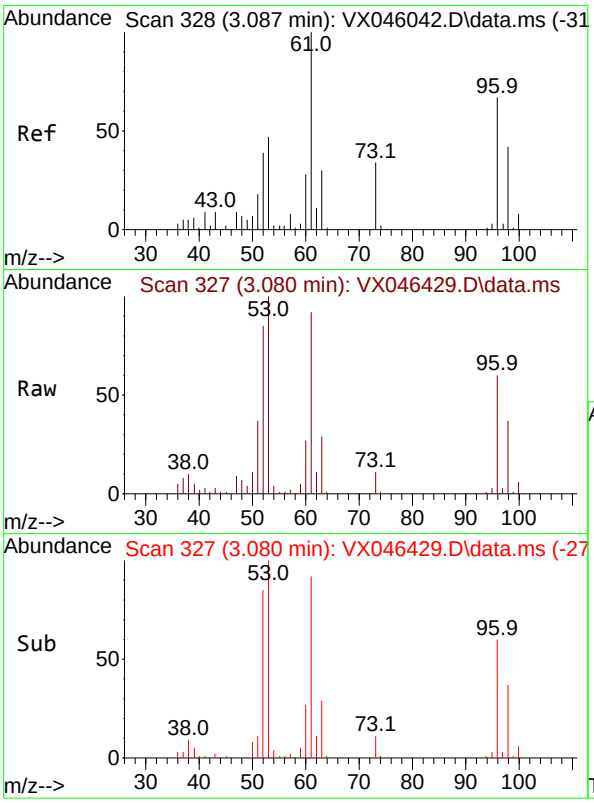


#20
Methylene Chloride
Concen: 52.926 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 84 Resp: 60300

Ion	Ratio	Lower	Upper
84	100		
49	136.0	113.9	170.9
51	42.8	33.5	50.3
86	62.0	53.8	80.8



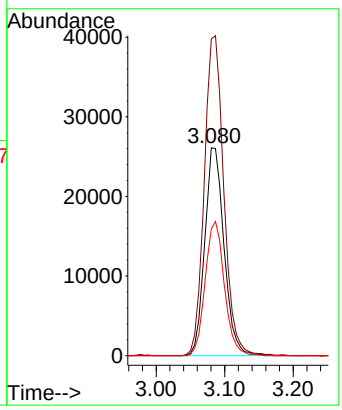


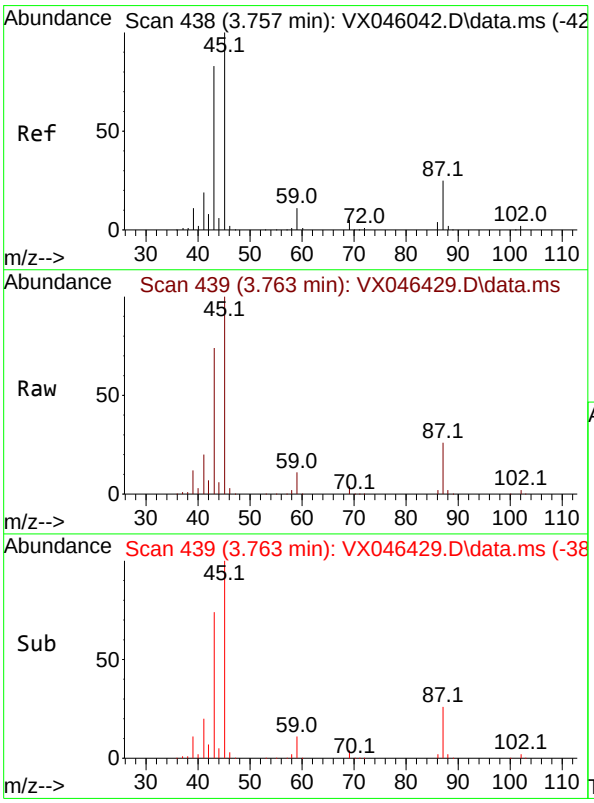
#21
trans-1,2-Dichloroethene
Concen: 53.979 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 96 Resp: 51195

Ion	Ratio	Lower	Upper
96	100		
61	152.3	119.5	179.3
98	60.9	50.0	75.0

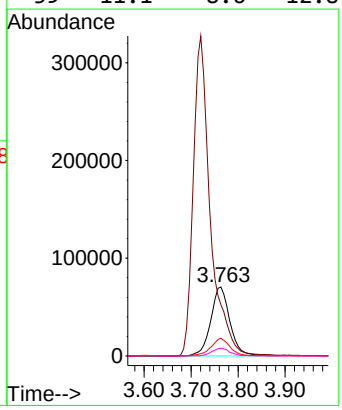


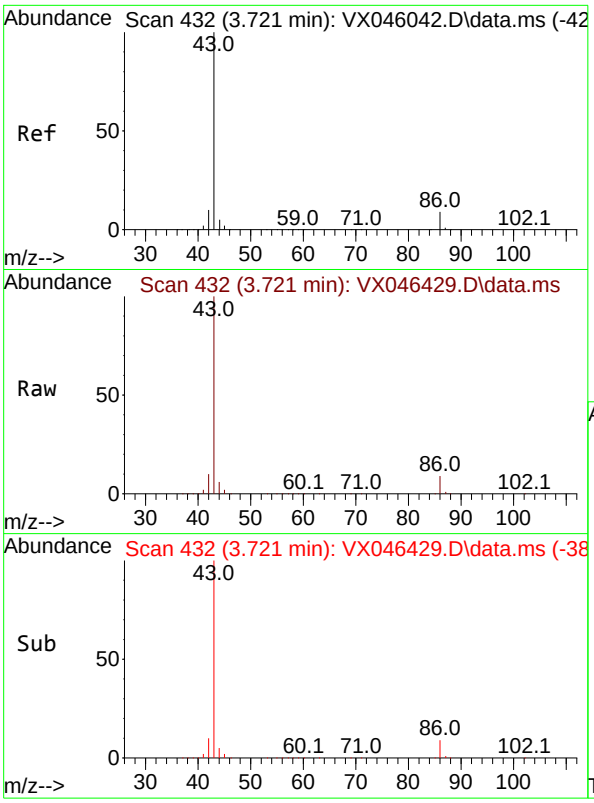


#22
Diisopropyl ether
Concen: 57.479 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 45 Resp: 200122

Ion	Ratio	Lower	Upper
45	100		
43	73.9	66.6	100.0
87	25.8	19.8	29.6
59	11.1	8.6	12.8



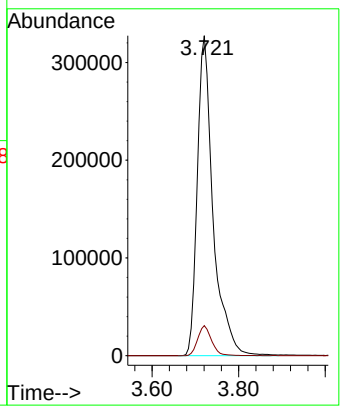


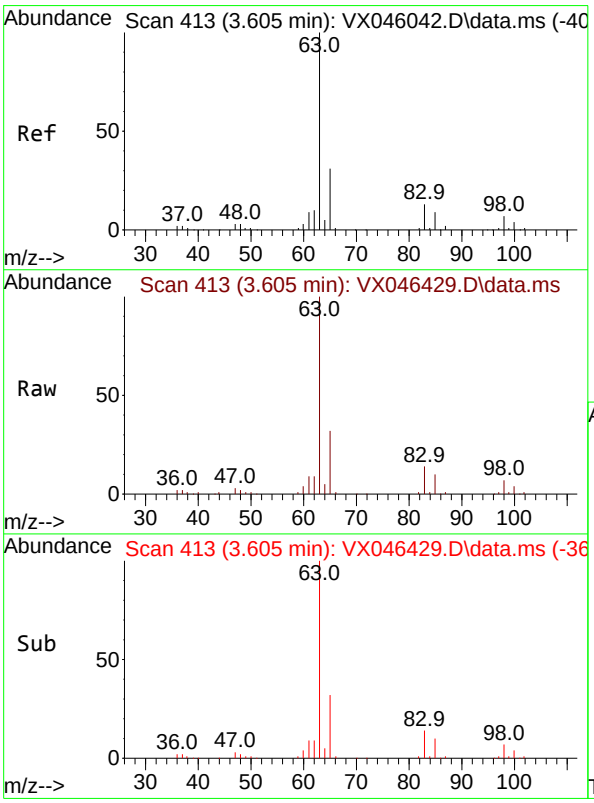
#23
Vinyl Acetate
Concen: 270.616 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 828691

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

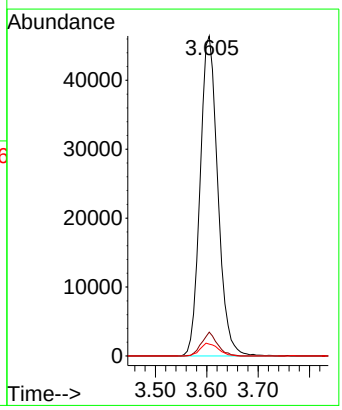


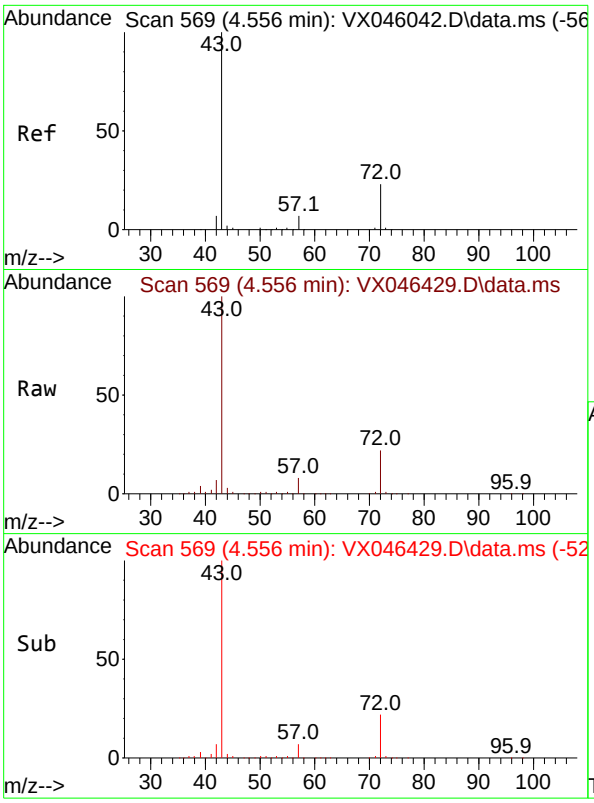


#24
1,1-Dichloroethane
Concen: 57.233 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 63 Resp: 110986

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	3.7	2.1	6.3



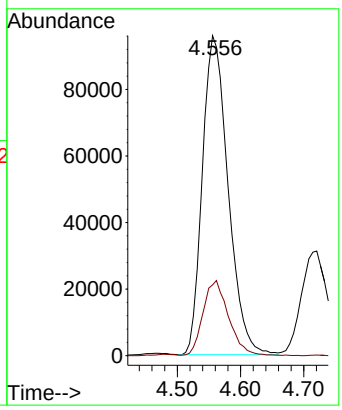


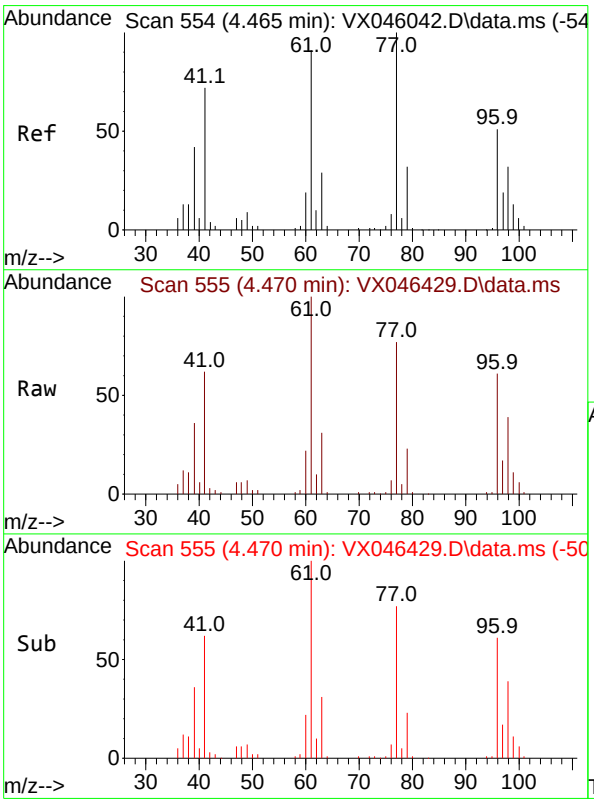
#25
2-Butanone
Concen: 314.948 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 271844

Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.4	27.6

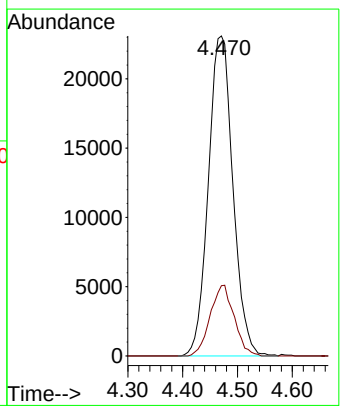


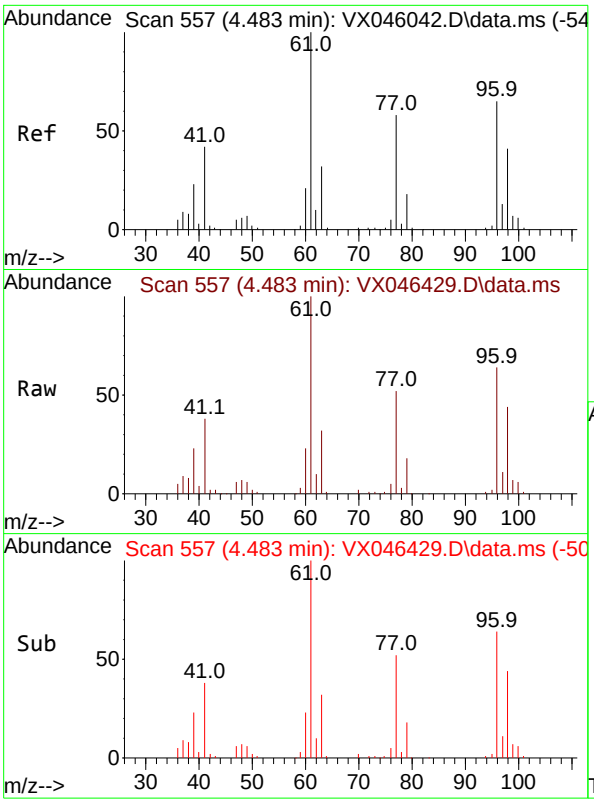


#26
2,2-Dichloropropane
Concen: 47.346 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 77 Resp: 71863

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5



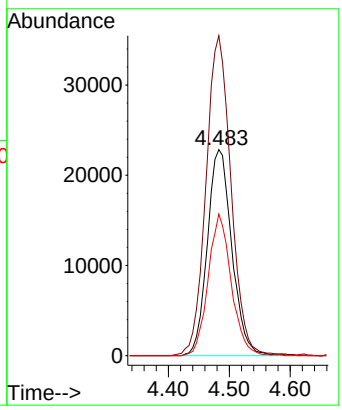


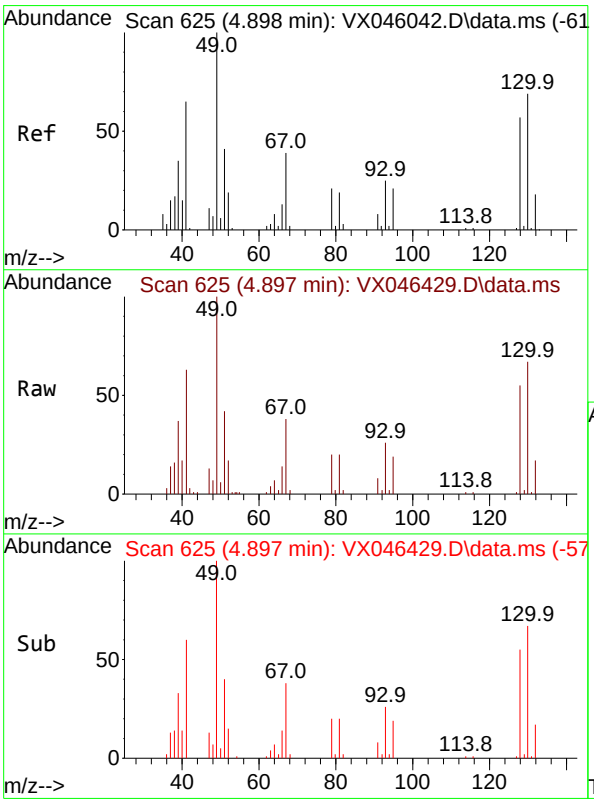
#27
cis-1,2-Dichloroethene
Concen: 55.906 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 96 Resp: 63831

Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	322.8
98	64.8	0.0	129.0

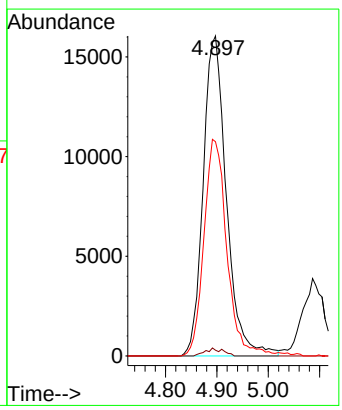


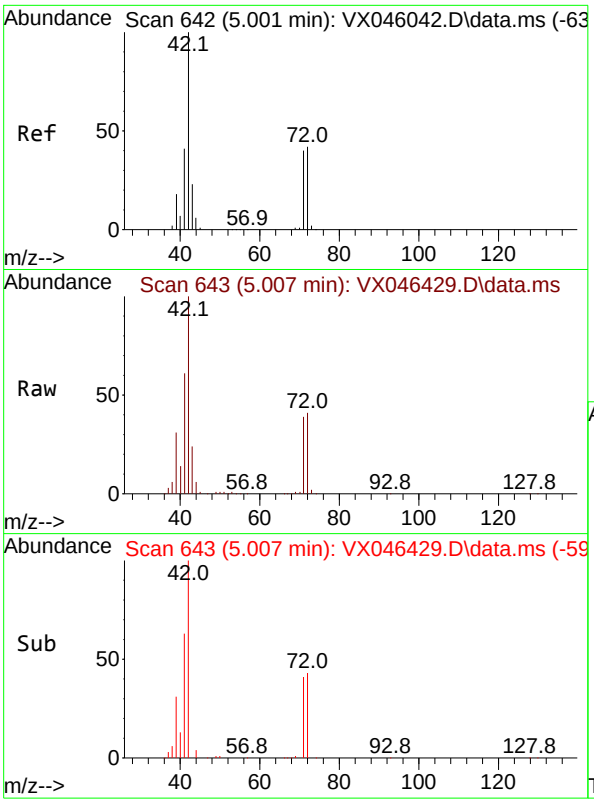


#28
Bromochloromethane
Concen: 53.874 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 49 Resp: 50288

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	66.8	56.2	84.2



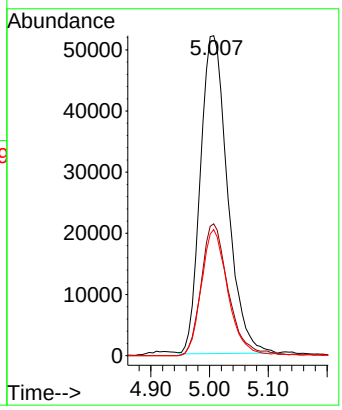


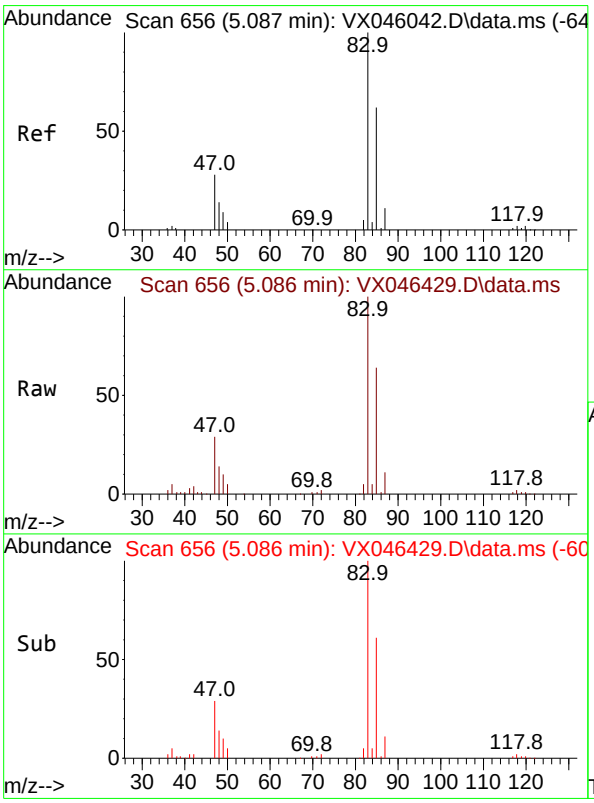
#29
Tetrahydrofuran
Concen: 308.392 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 42 Resp: 166798

Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.9	31.4	47.2

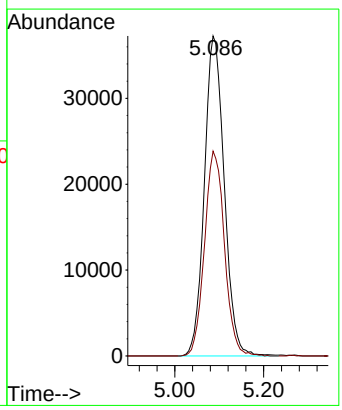


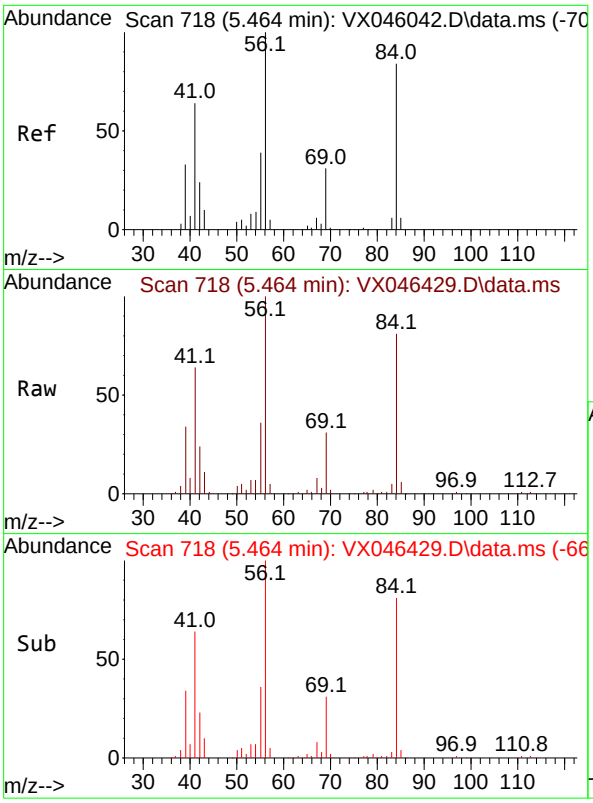


#30
Chloroform
Concen: 57.351 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 115922

Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.3	73.9



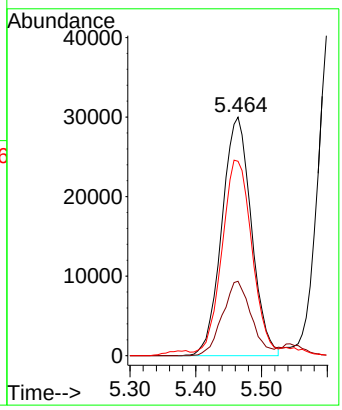


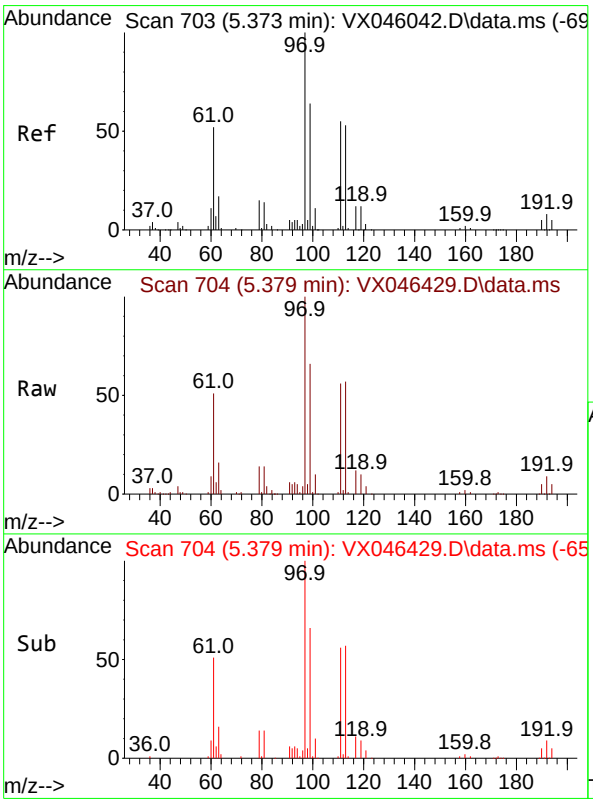
#31
Cyclohexane
Concen: 52.949 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 56 Resp: 93568

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.4	36.6
84	79.4	66.9	100.3

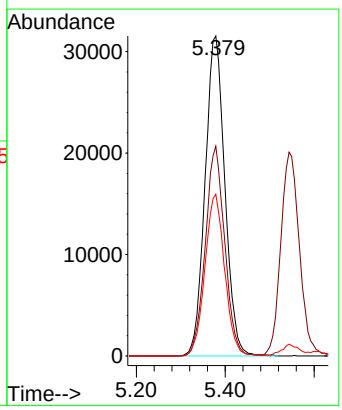


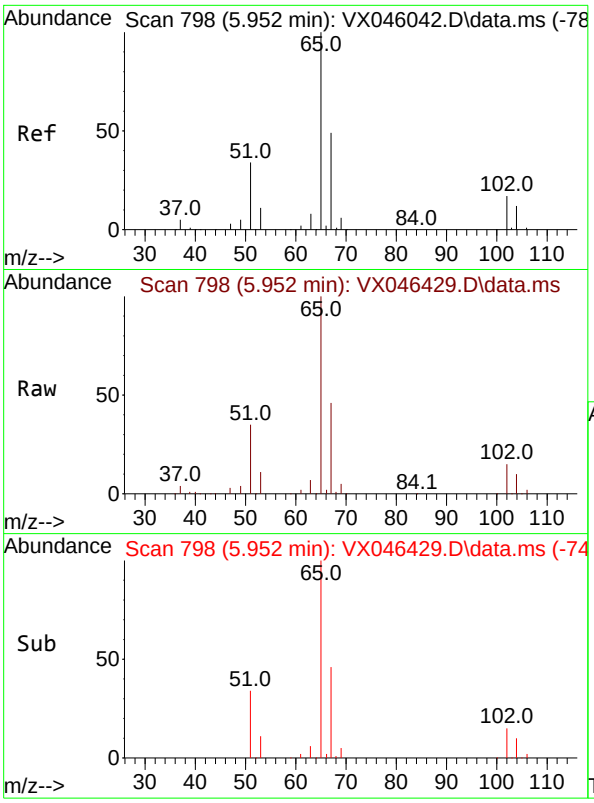


#32
1,1,1-Trichloroethane
Concen: 55.704 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 97 Resp: 97601

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	50.5	40.1	60.1



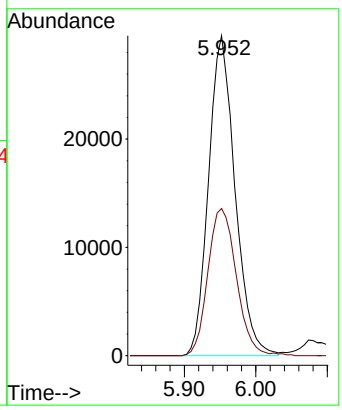


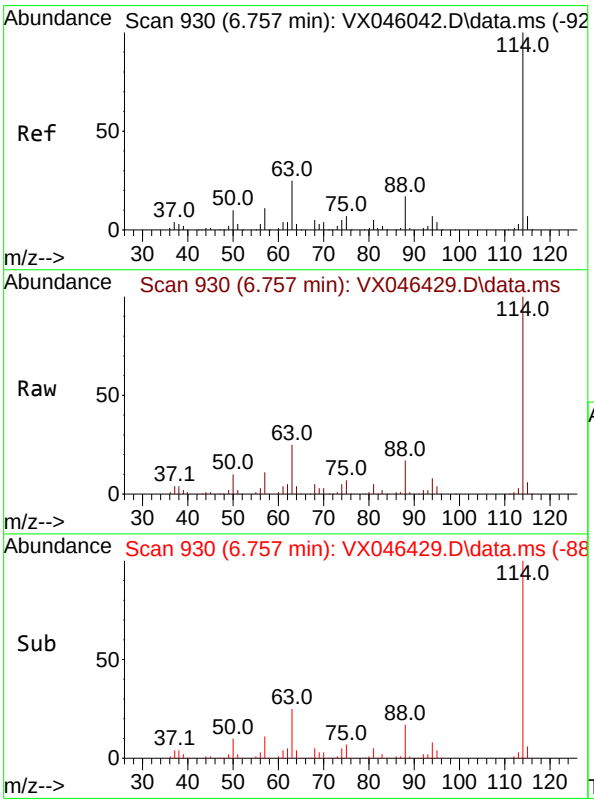
#33
1,2-Dichloroethane-d4
Concen: 51.279 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 65 Resp: 76037

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0

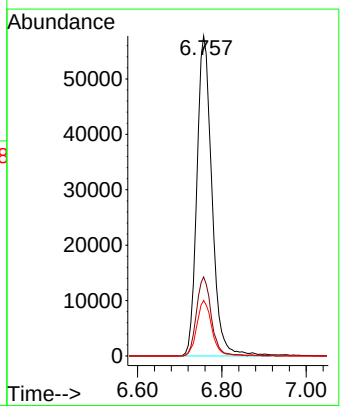


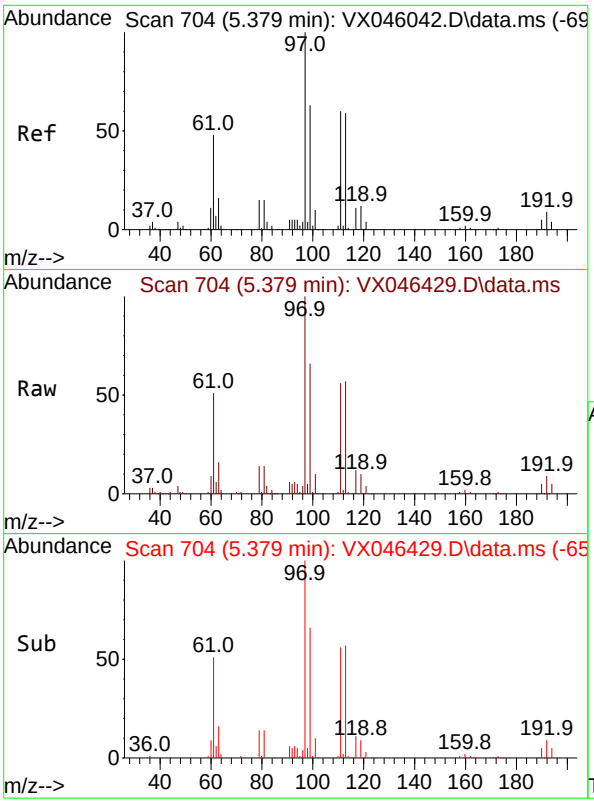


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:114 Resp: 143606

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	17.4	0.0	33.6



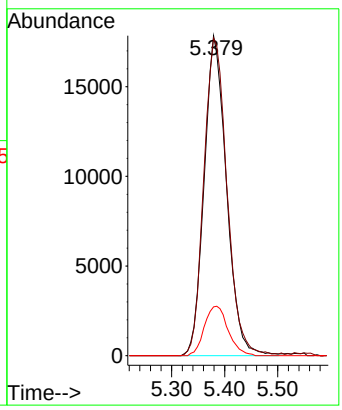


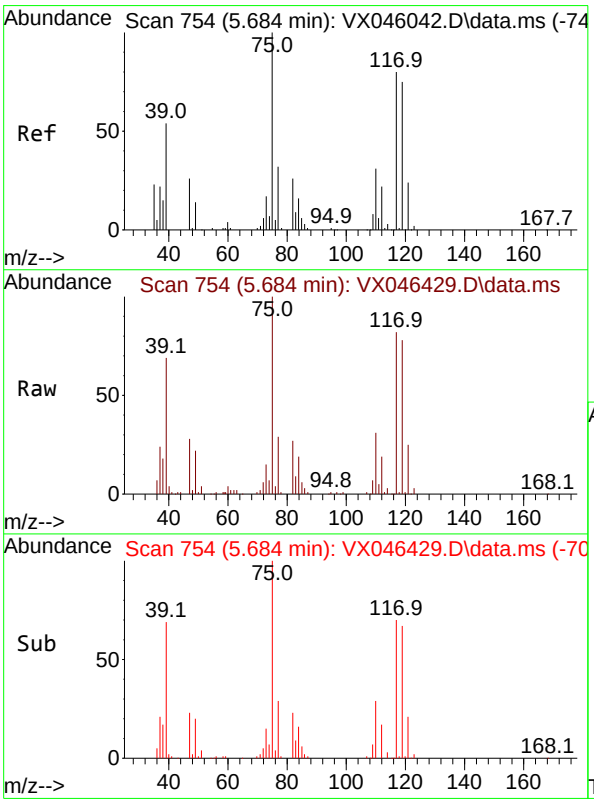
#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:113 Resp: 52269

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	16.4	13.3	19.9

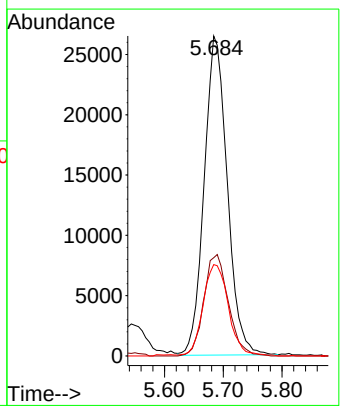


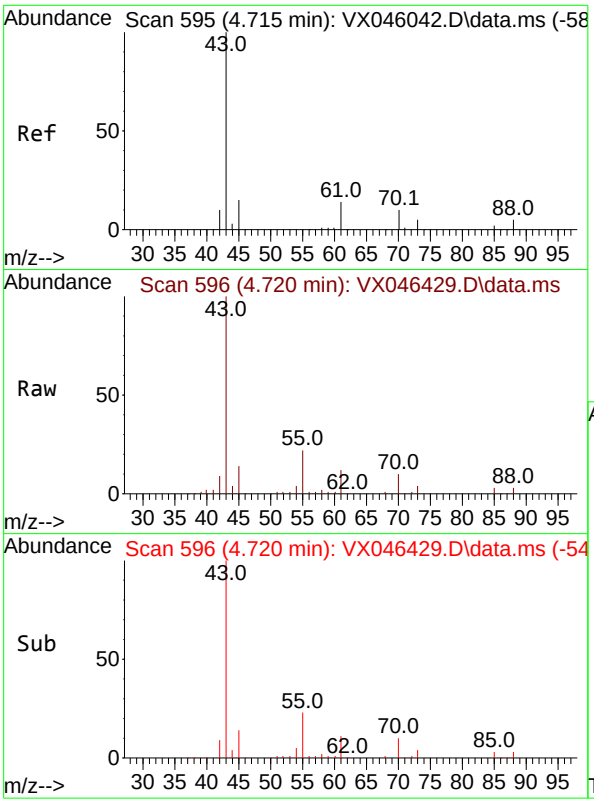


#36
1,1-Dichloropropene
Concen: 52.085 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 72369

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.3	48.9
77	31.5	24.3	36.5



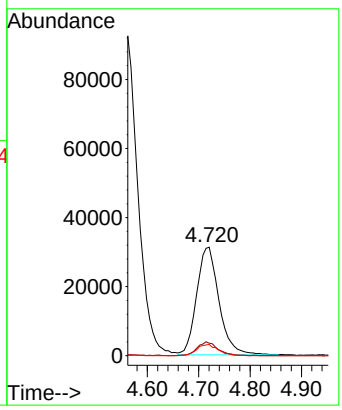


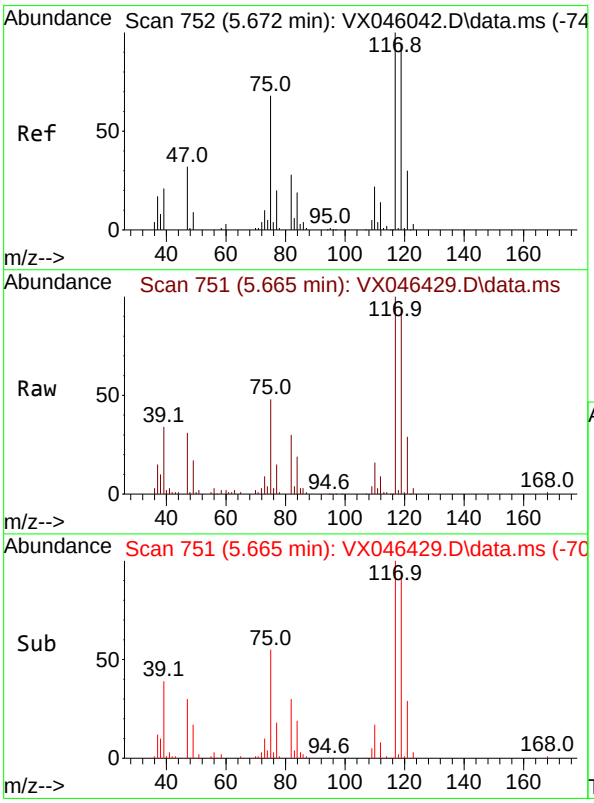
#37
Ethyl Acetate
Concen: 55.065 ug/l
RT: 4.720 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 94527

Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.3	15.5
70	9.9	7.9	11.9

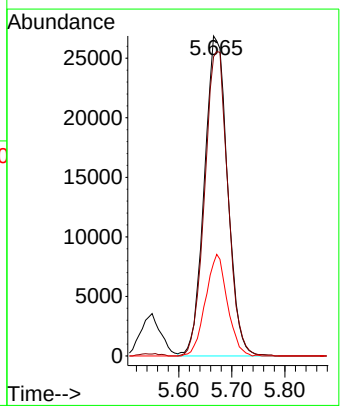


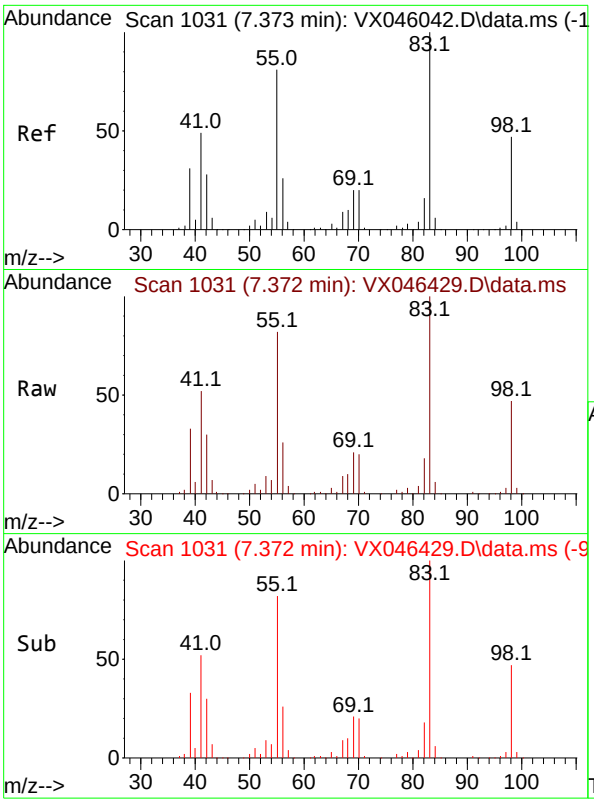


#38
Carbon Tetrachloride
Concen: 52.306 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:117 Resp: 81657

Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.2	112.8
121	29.0	24.2	36.4



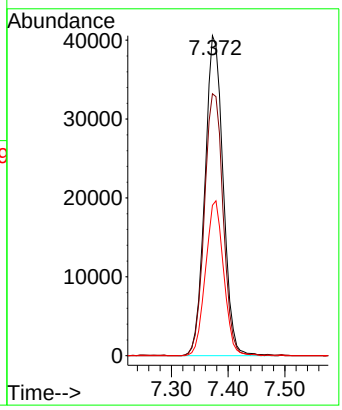


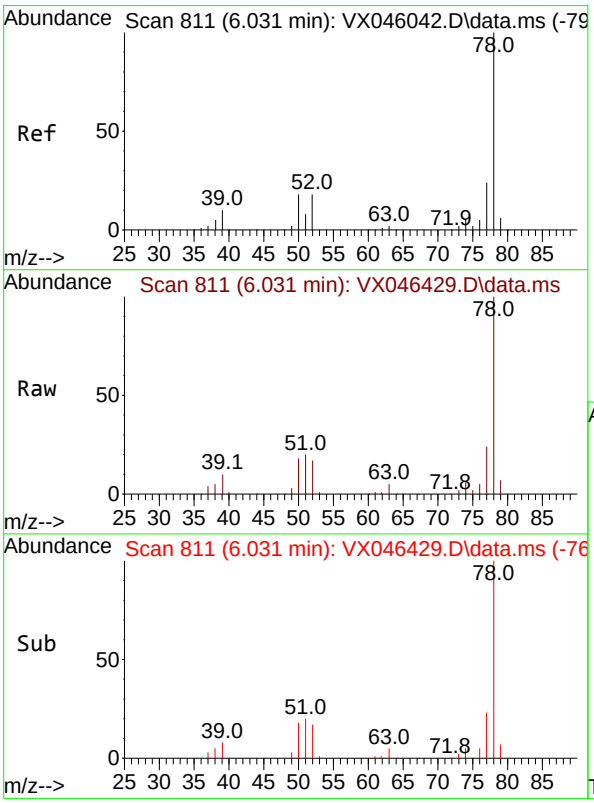
#39
Methylcyclohexane
Concen: 50.716 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 83 Resp: 90720

Ion	Ratio	Lower	Upper
83	100		
55	81.8	64.7	97.1
98	47.0	37.4	56.2

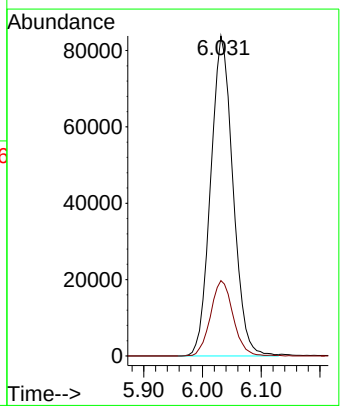


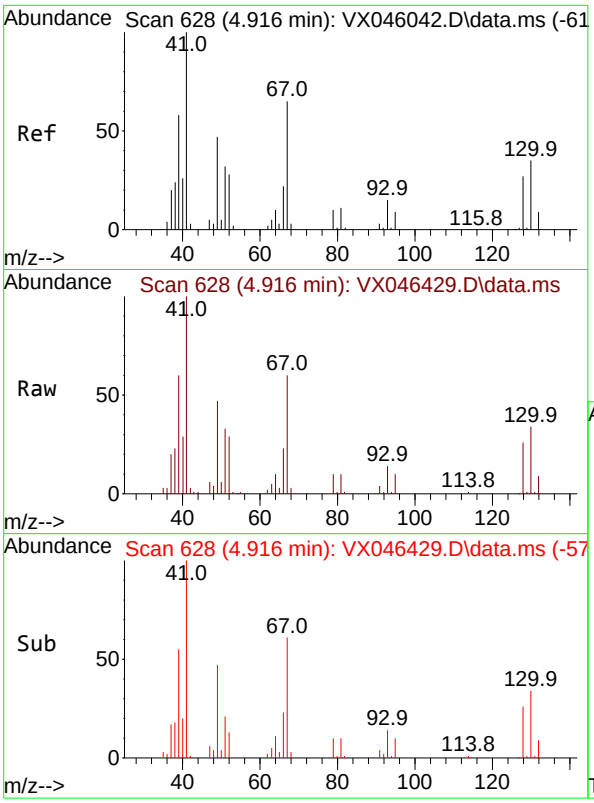


#40
Benzene
Concen: 54.275 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 78 Resp: 220887

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4



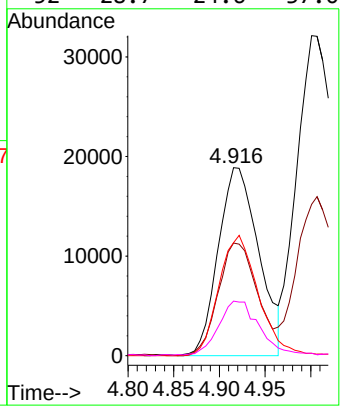


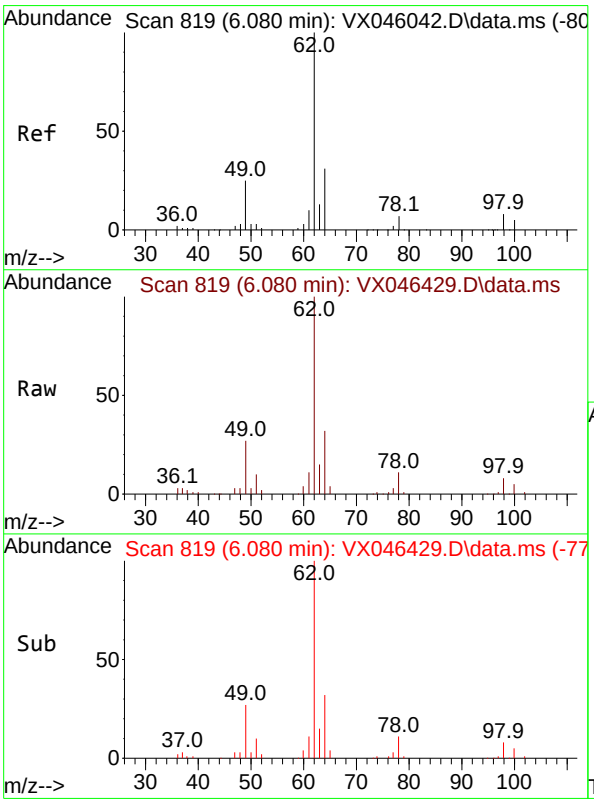
#41
Methacrylonitrile
Concen: 64.902 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 41 Resp: 58282

Ion	Ratio	Lower	Upper
41	100		
39	57.3	47.2	70.8
67	62.2	50.7	76.1
52	28.7	24.6	37.0

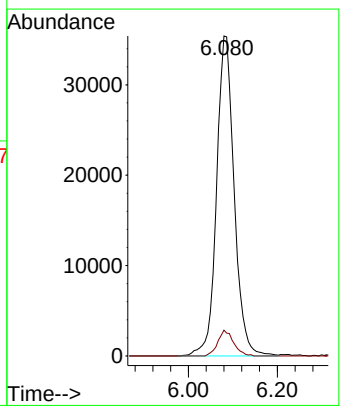


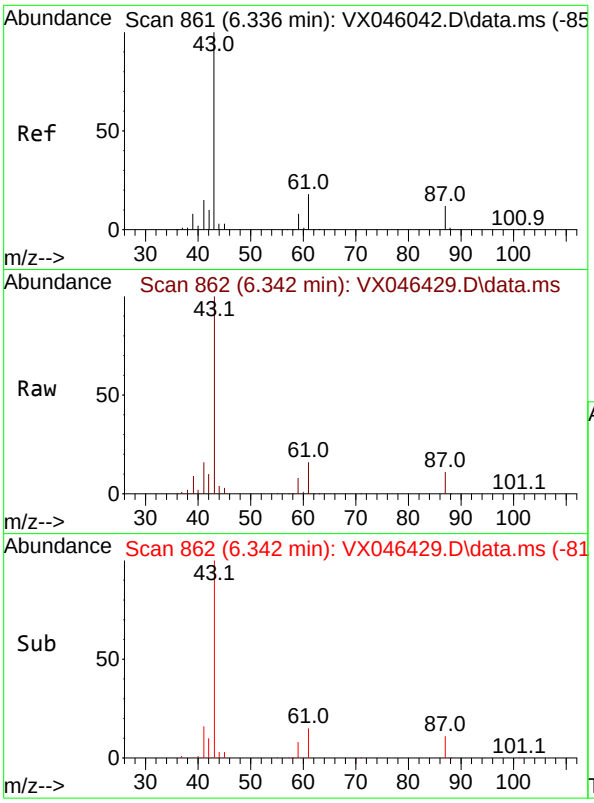


#42
1,2-Dichloroethane
Concen: 55.305 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 62 Resp: 97143

Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.2



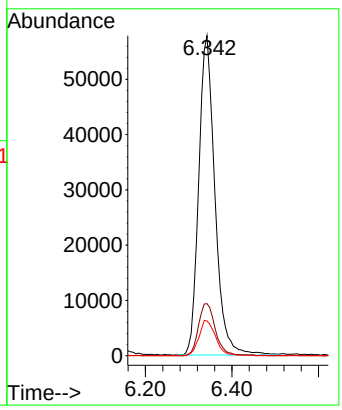


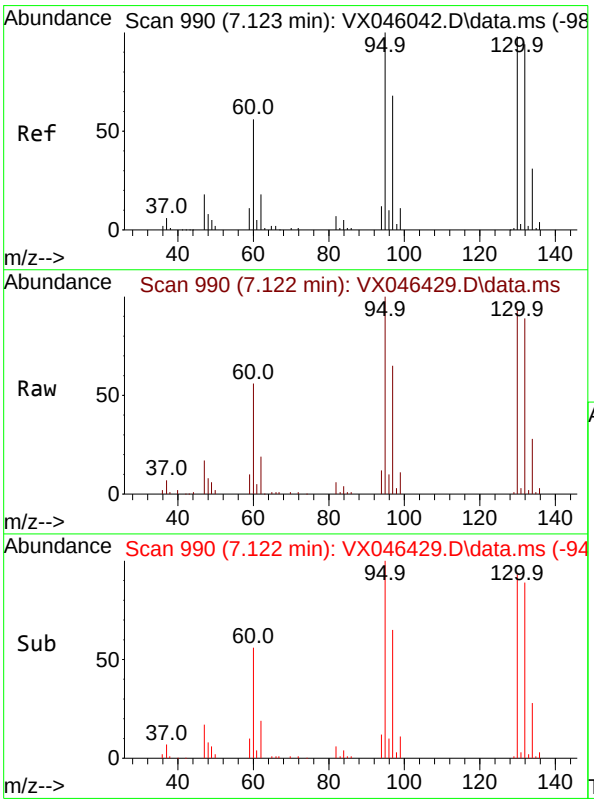
#43
Isopropyl Acetate
Concen: 57.379 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 150267

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.3	21.5
87	11.3	9.5	14.3

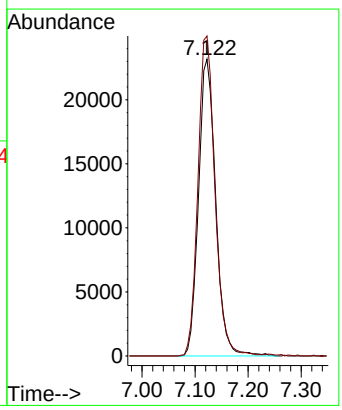


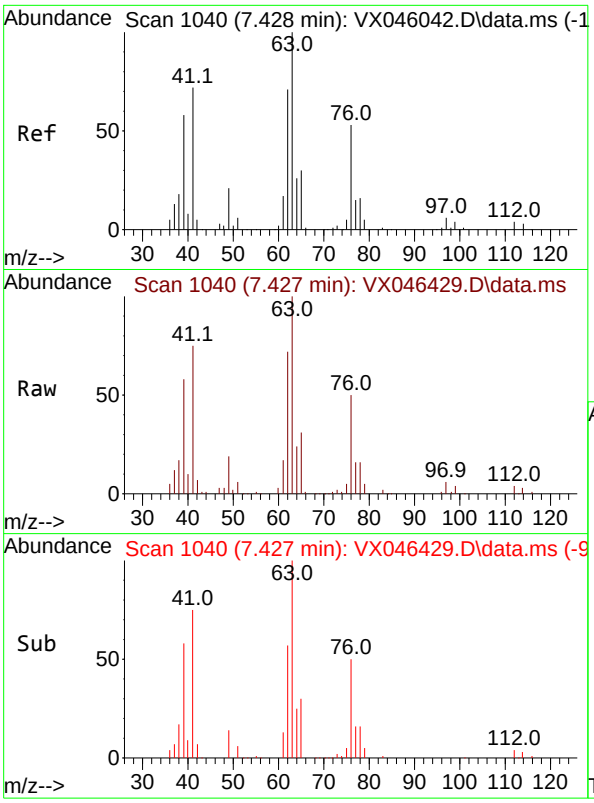


#44
Trichloroethene
Concen: 53.246 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:130 Resp: 52156

Ion	Ratio	Lower	Upper
130	100		
95	107.8	0.0	204.2



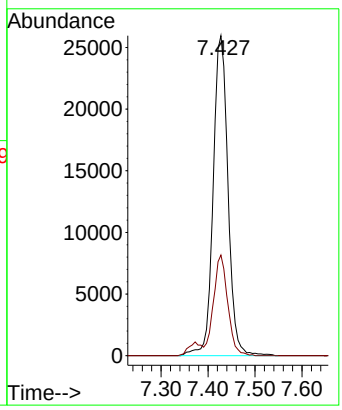


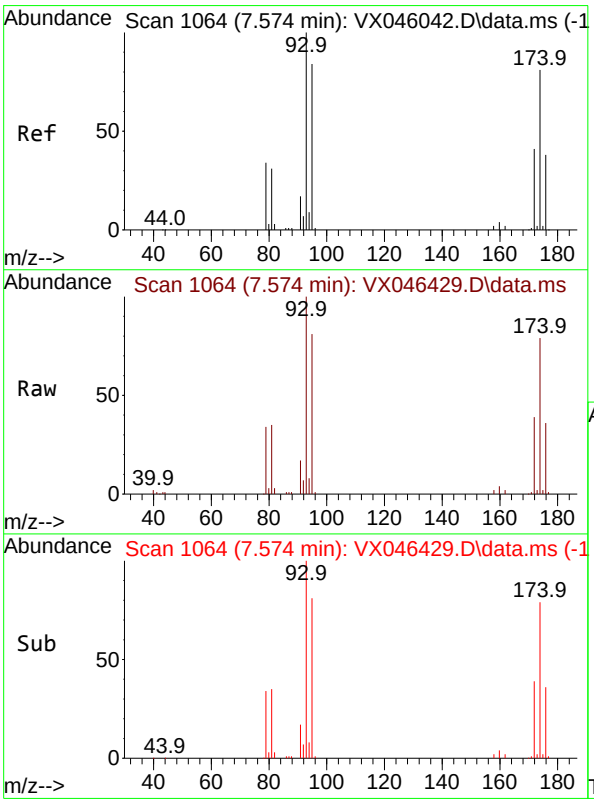
#45
1,2-Dichloropropane
Concen: 56.250 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 63 Resp: 56924

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.1	36.1

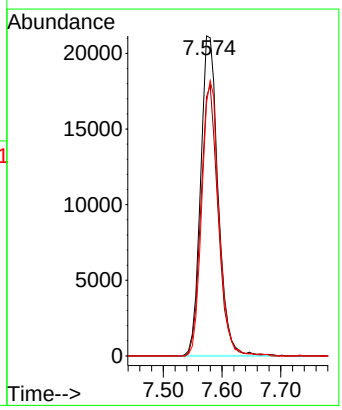


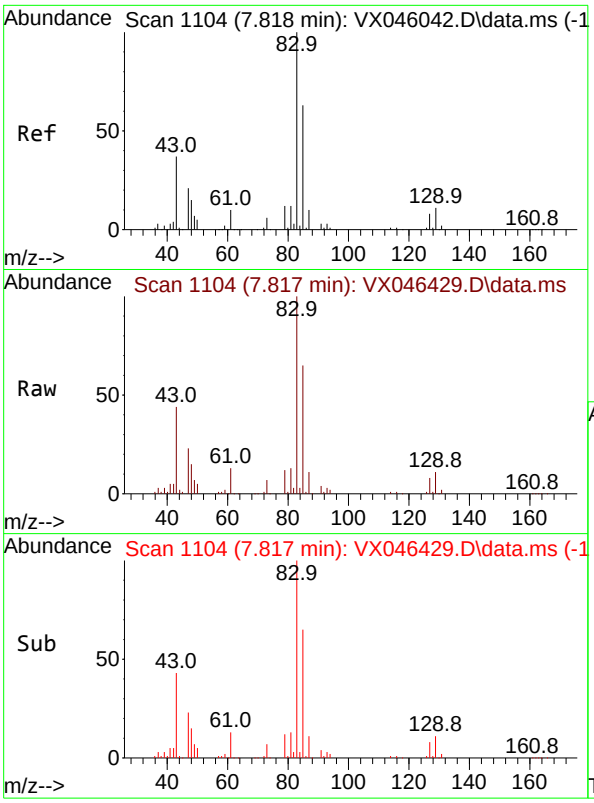


#46
Dibromomethane
Concen: 54.848 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 93 Resp: 43777

Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.6	98.4
174	83.7	68.2	102.2



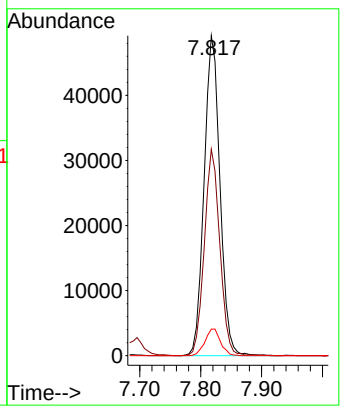


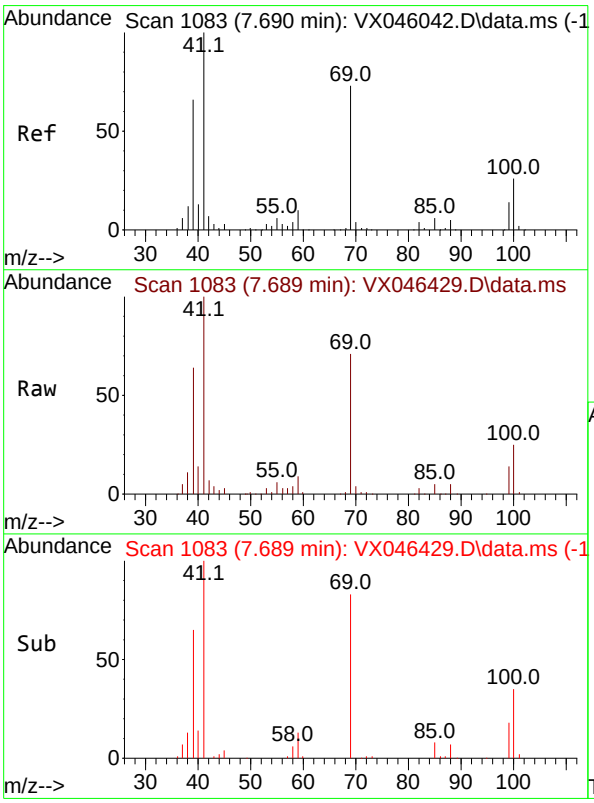
#47
Bromodichloromethane
Concen: 56.529 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 83 Resp: 88865

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.5	75.7
127	8.3	6.5	9.7

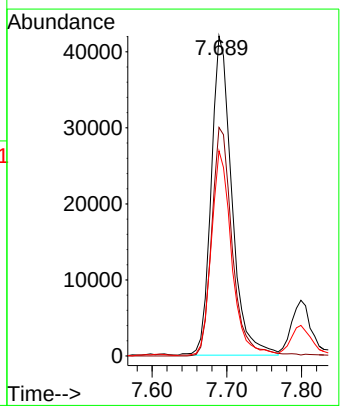


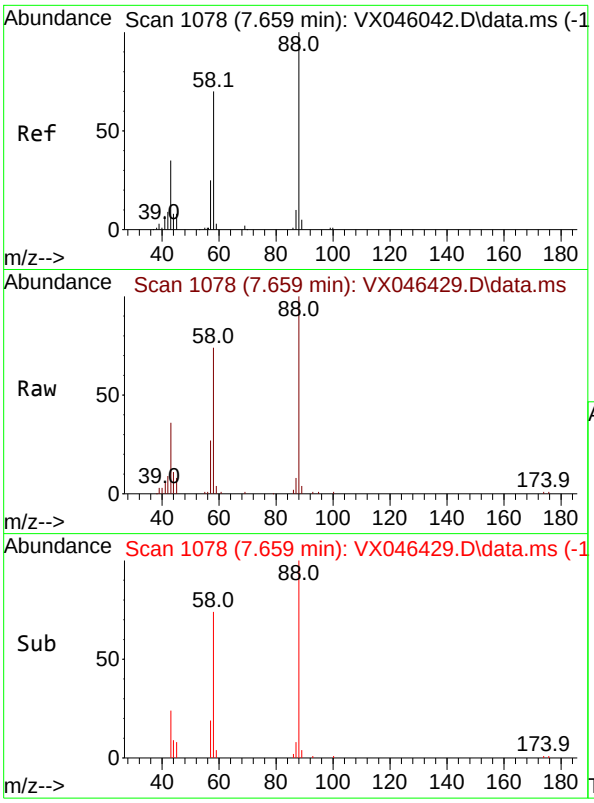


#48
Methyl methacrylate
Concen: 60.060 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 41 Resp: 80328

Ion	Ratio	Lower	Upper
41	100		
69	71.8	58.5	87.7
39	63.1	51.7	77.5



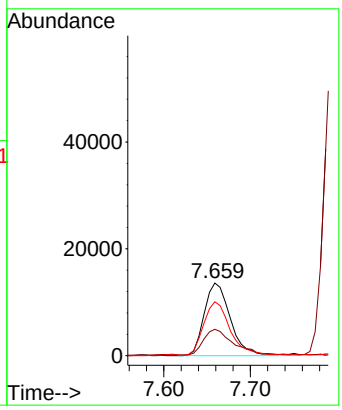


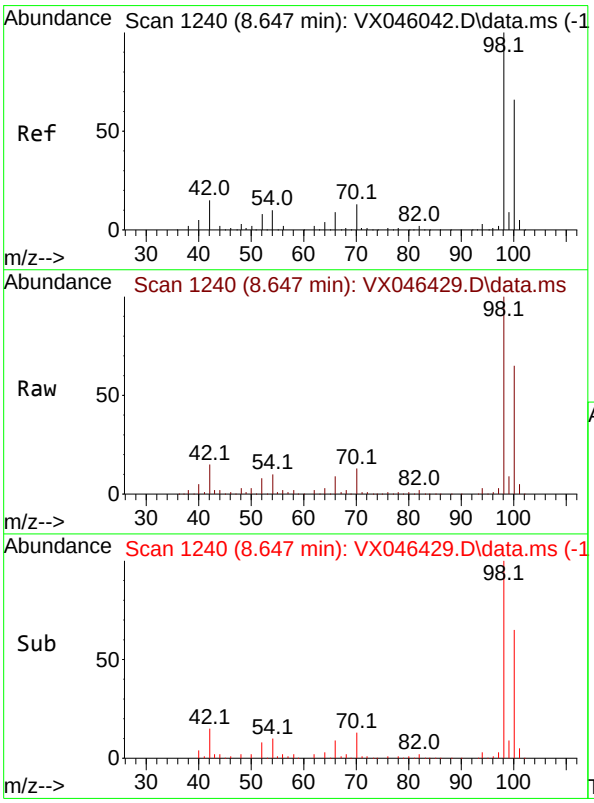
#49
1,4-Dioxane
Concen: 1117.783 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 88 Resp: 28386

Ion	Ratio	Lower	Upper
88	100		
43	39.6	33.4	50.2
58	75.8	58.6	88.0

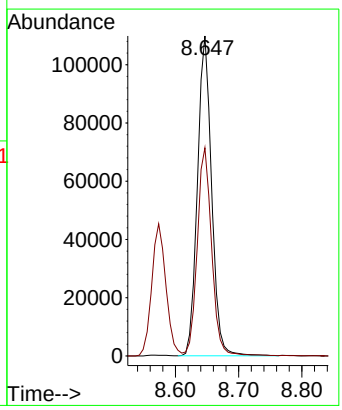


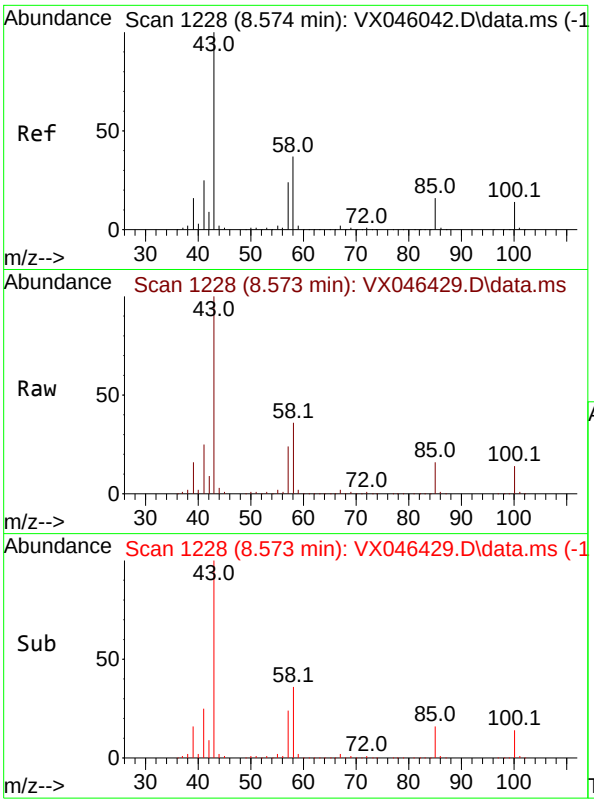


#50
Toluene-d8
Concen: 47.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 98 Resp: 171593

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3



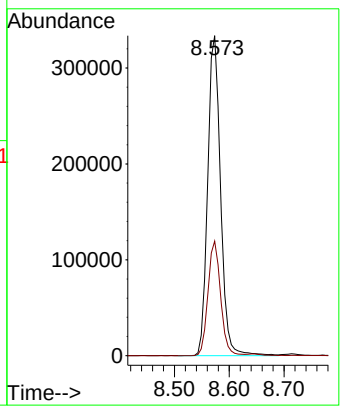


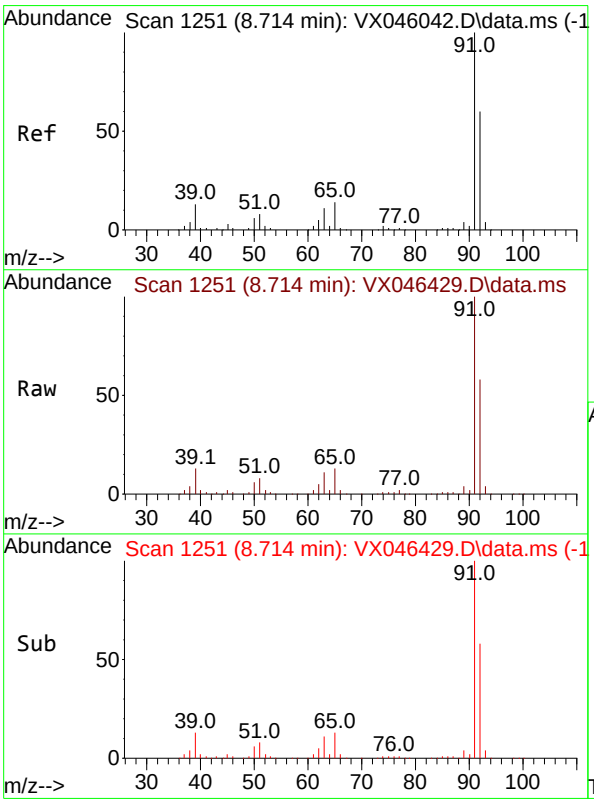
#51
4-Methyl-2-Pentanone
Concen: 312.159 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 542643

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.9	43.3

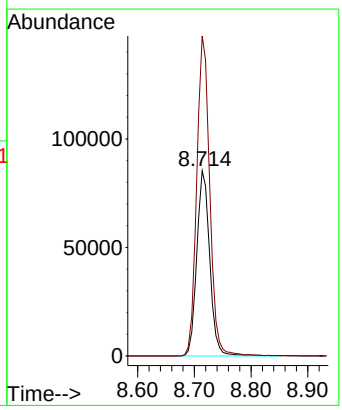


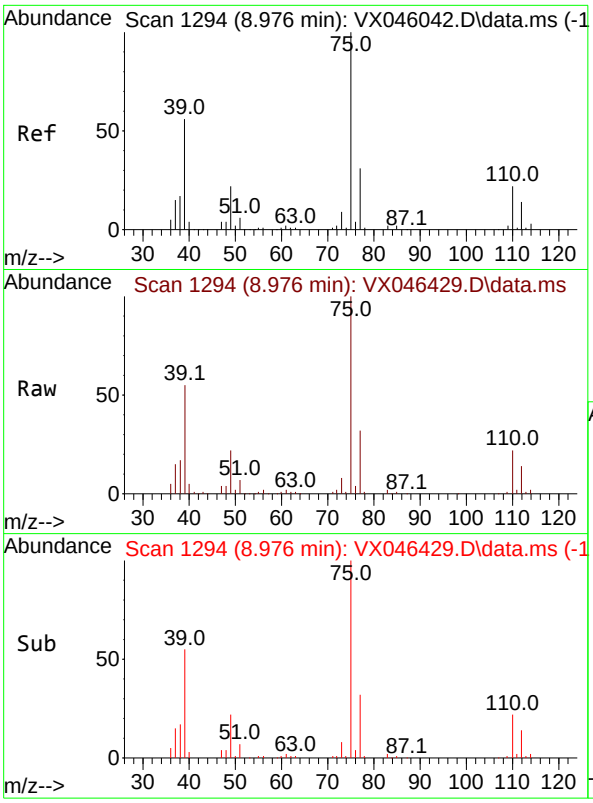


#52
Toluene
Concen: 54.291 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 92 Resp: 135485

Ion	Ratio	Lower	Upper
92	100		
91	173.1	136.6	205.0



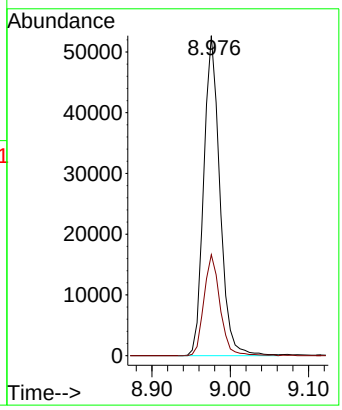


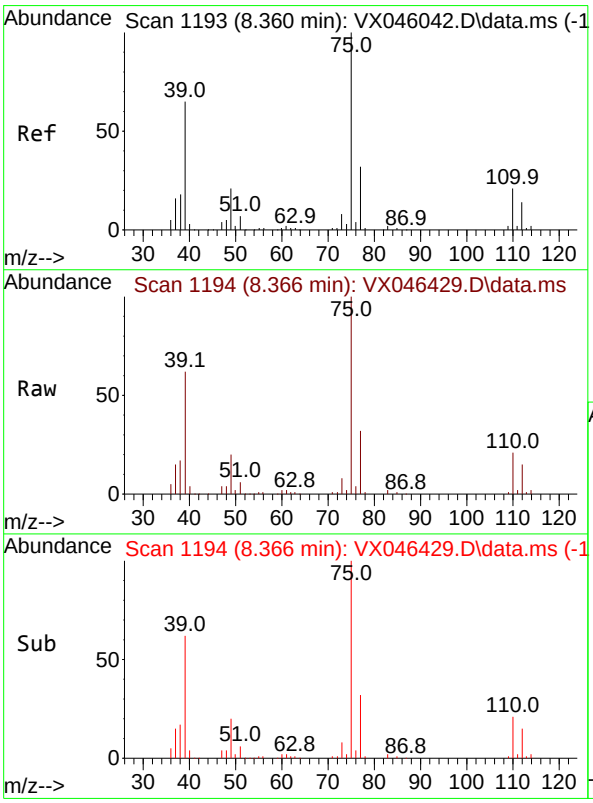
#53
t-1,3-Dichloropropene
Concen: 54.004 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 75 Resp: 75460

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6

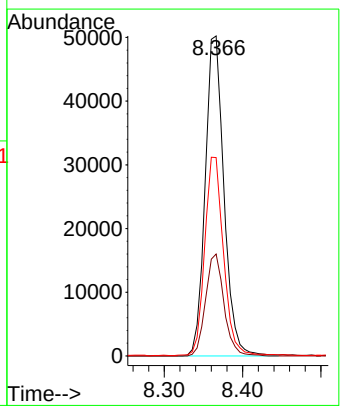


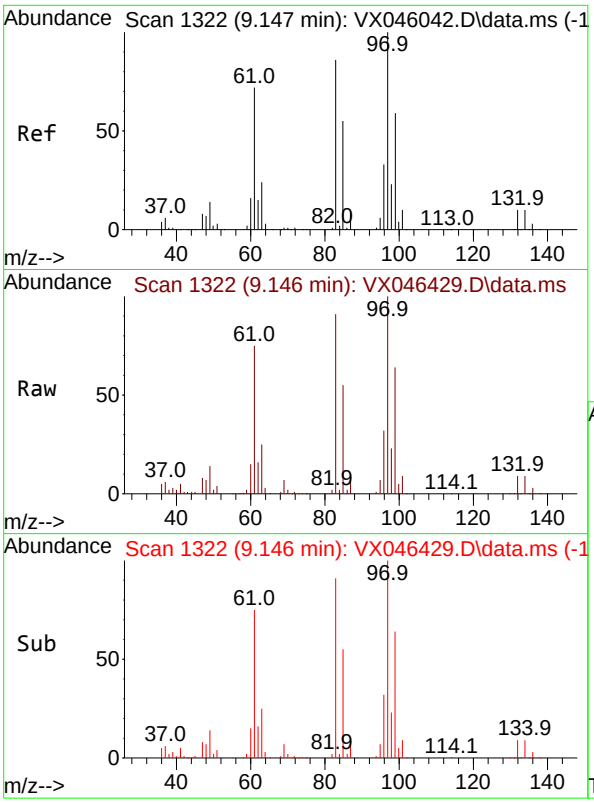


#54
cis-1,3-Dichloropropene
Concen: 54.138 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 83609

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0
39	61.8	52.2	78.4



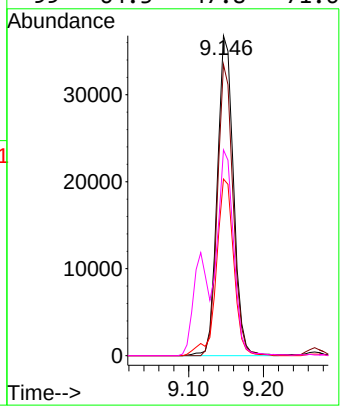


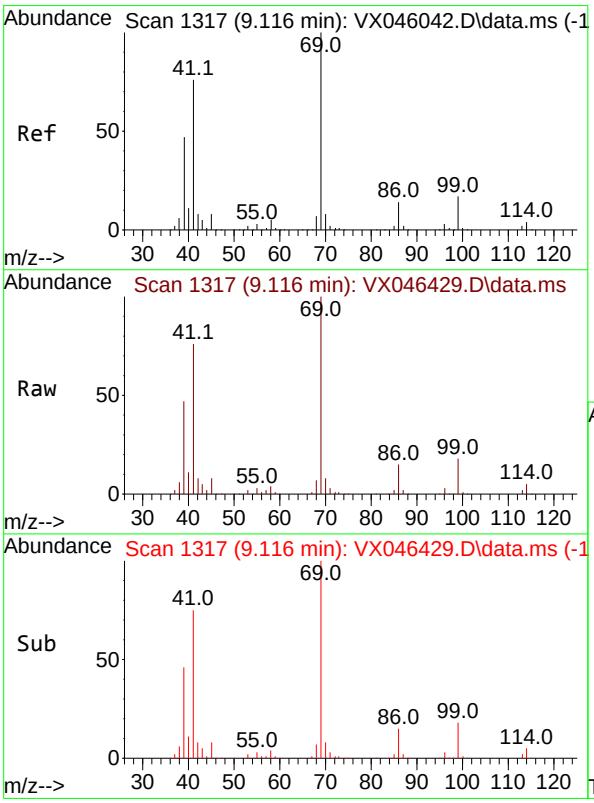
#55
1,1,2-Trichloroethane
Concen: 56.396 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 97 Resp: 55494

Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.0	103.6
85	55.2	44.3	66.5
99	64.3	47.8	71.6

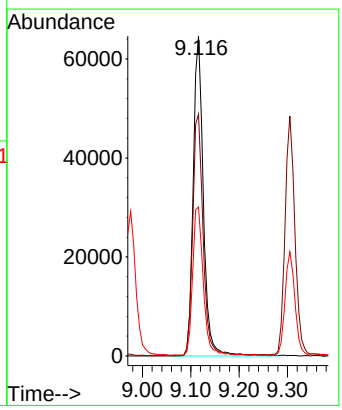


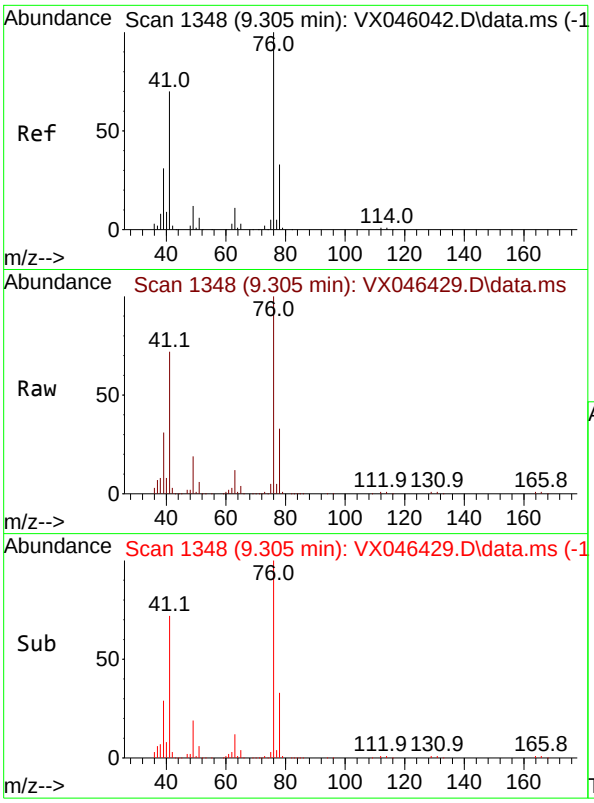


#56
Ethyl methacrylate
Concen: 59.870 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 69 Resp: 93893

Ion	Ratio	Lower	Upper
69	100		
41	77.4	60.8	91.2
39	48.2	39.0	58.6



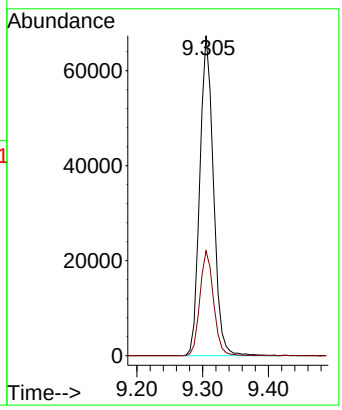


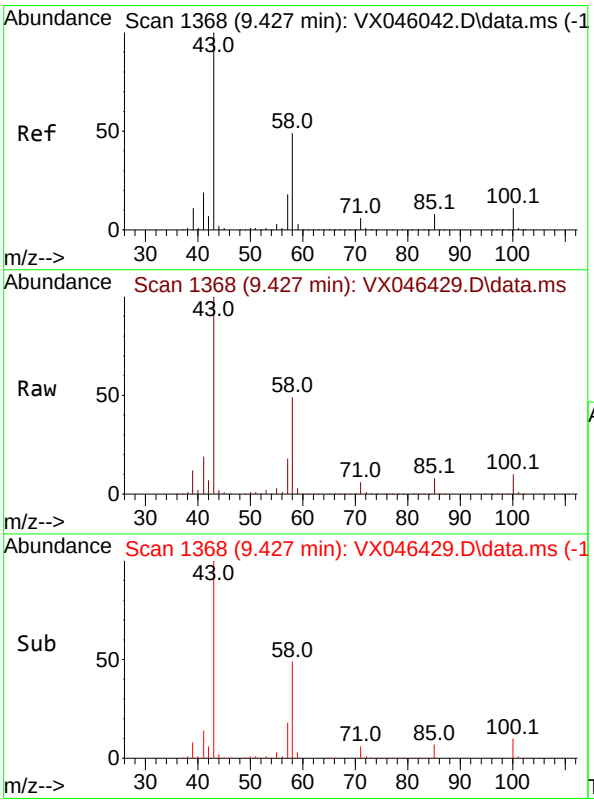
#57
1,3-Dichloropropane
Concen: 55.129 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 76 Resp: 97423

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

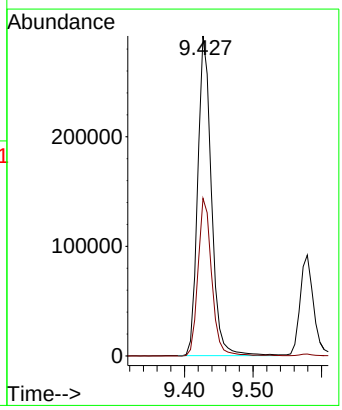


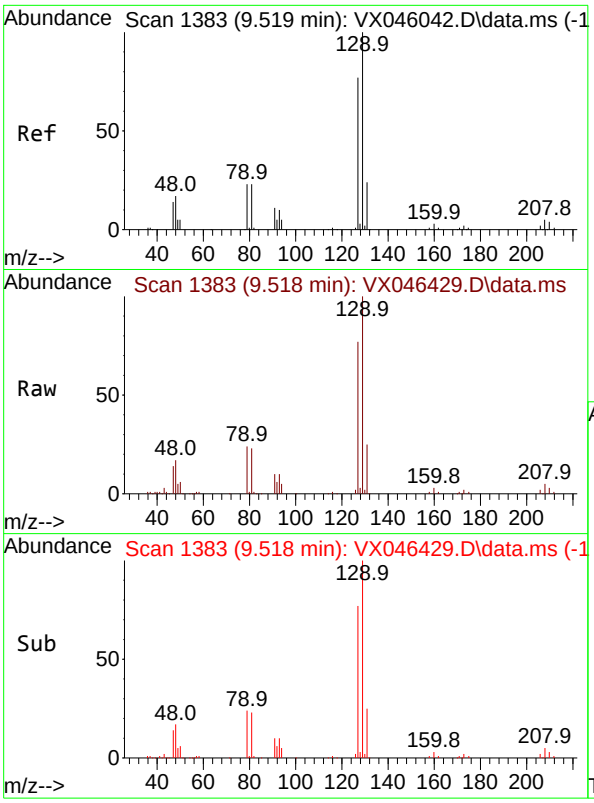


#59
2-Hexanone
Concen: 315.688 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 43 Resp: 406005

Ion	Ratio	Lower	Upper
43	100		
58	49.5	24.9	74.6



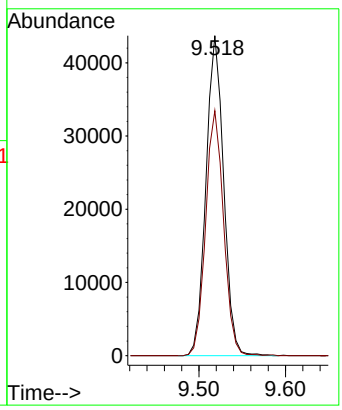


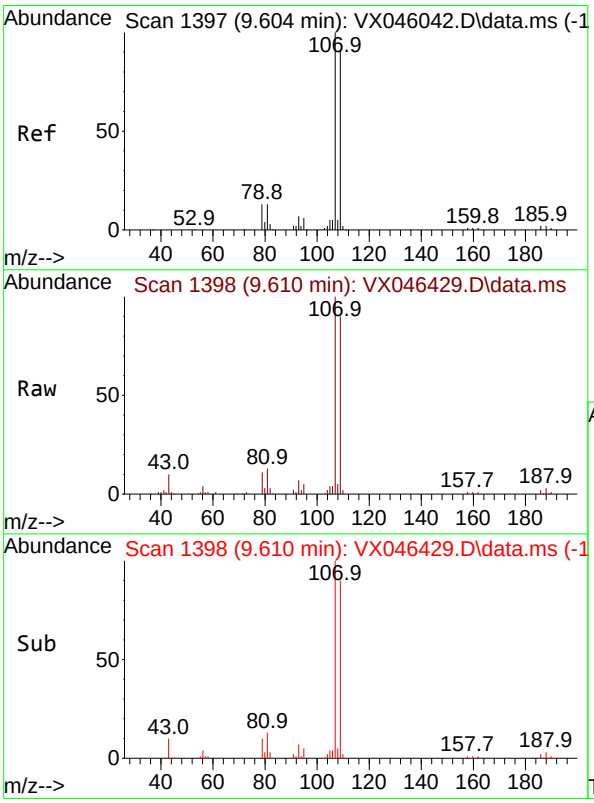
#60
Dibromochloromethane
Concen: 57.290 ug/l
RT: 9.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:129 Resp: 61911

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.8

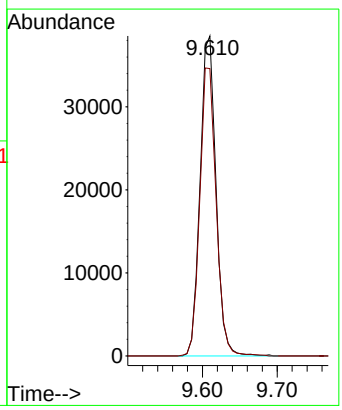


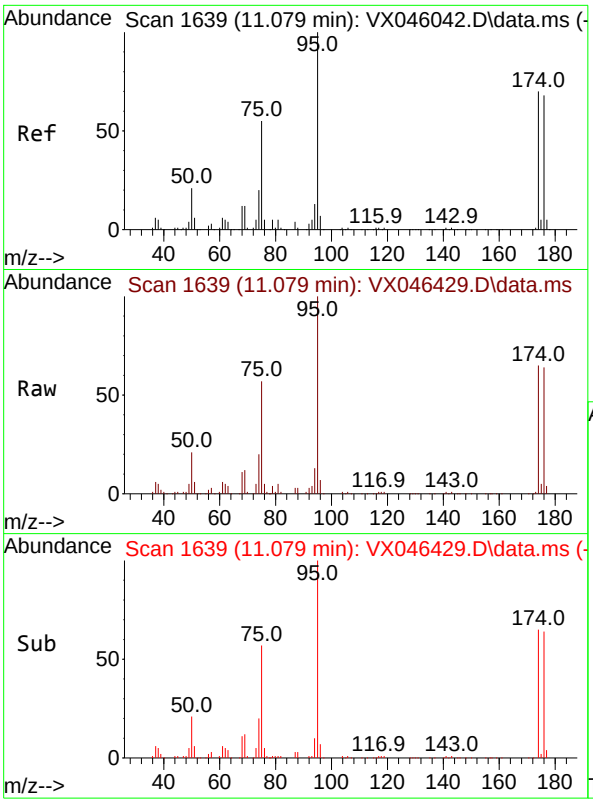


#61
1,2-Dibromoethane
Concen: 55.483 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:107 Resp: 56744

Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.3	109.9



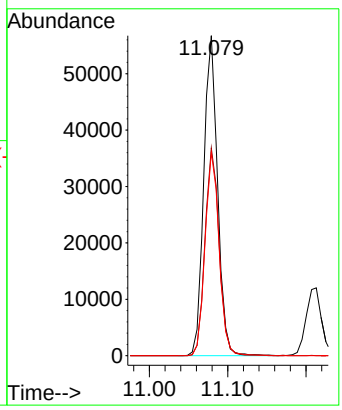


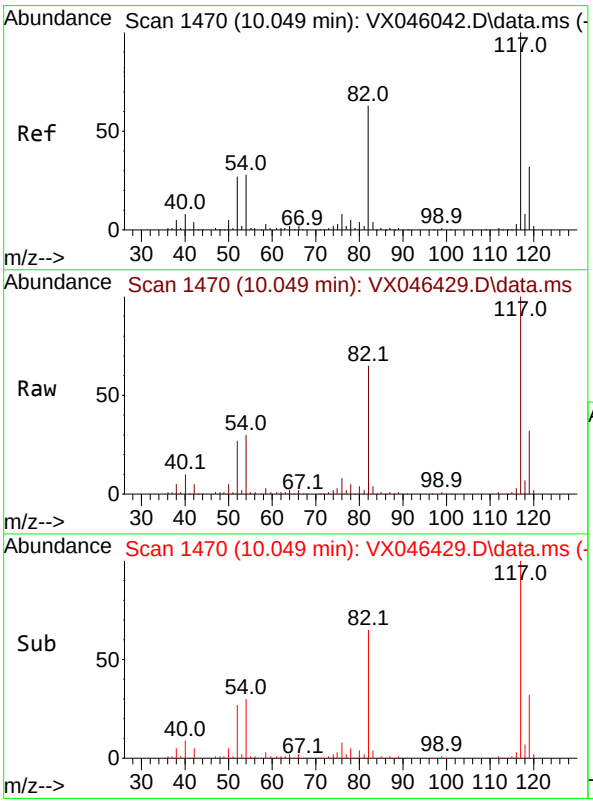
#62
4-Bromofluorobenzene
Concen: 50.571 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 95 Resp: 69430

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	135.8
176	64.4	0.0	131.4

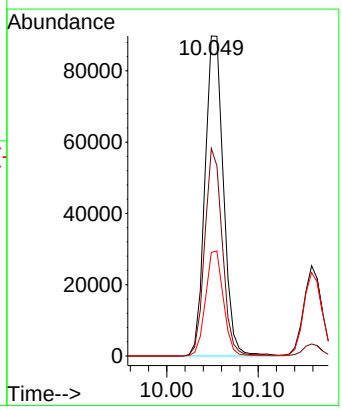


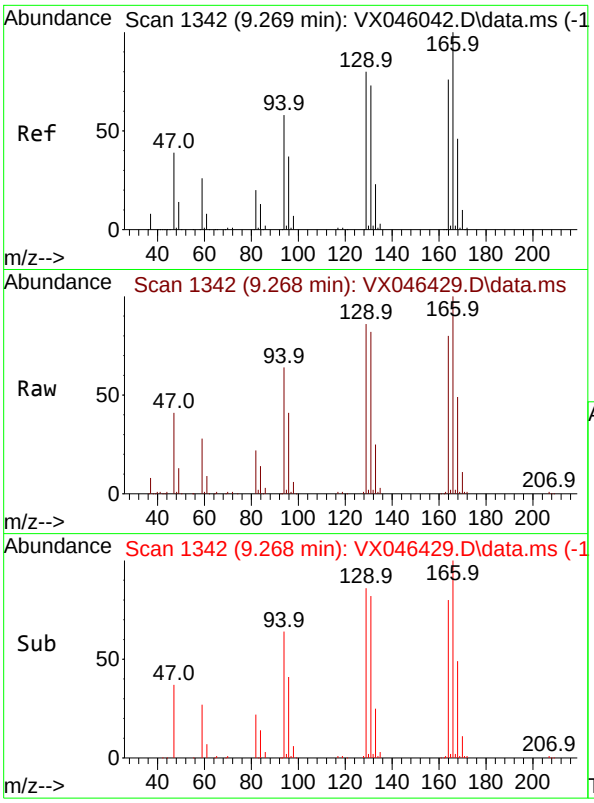


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:117 Resp: 126117

Ion	Ratio	Lower	Upper
117	100		
82	64.9	50.6	76.0
119	32.4	25.8	38.6



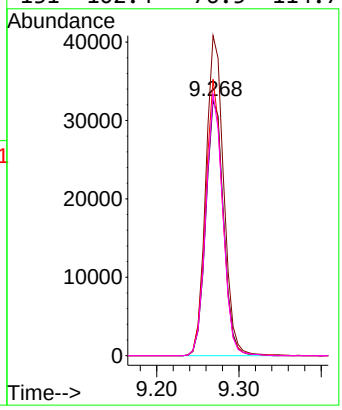


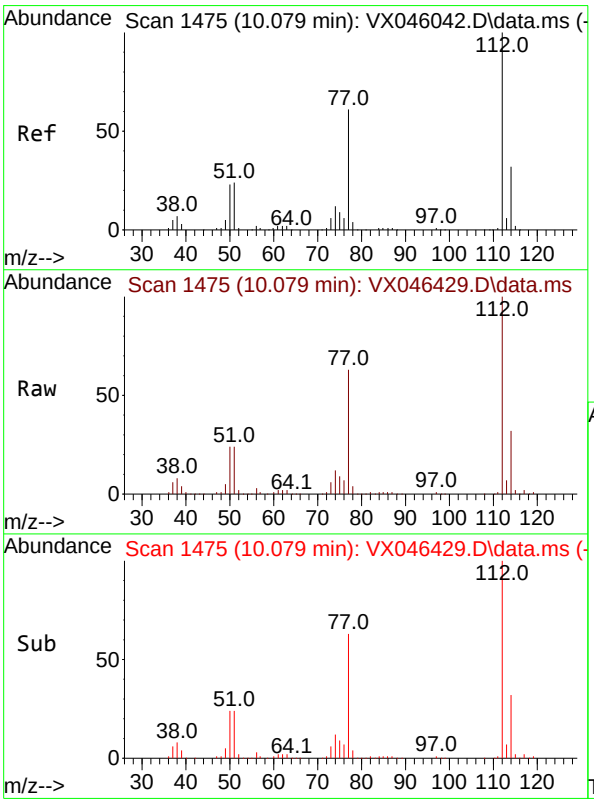
#64
Tetrachloroethene
Concen: 54.423 ug/l
RT: 9.268 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:164 Resp: 48563

Ion	Ratio	Lower	Upper
164	100		
166	125.4	105.0	157.6
129	108.3	83.5	125.3
131	102.4	76.5	114.7

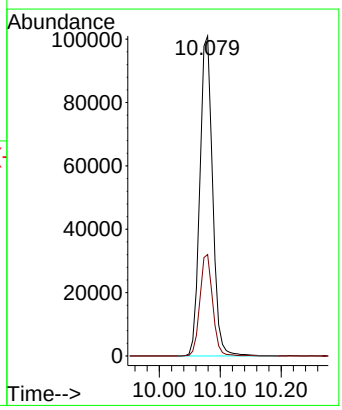


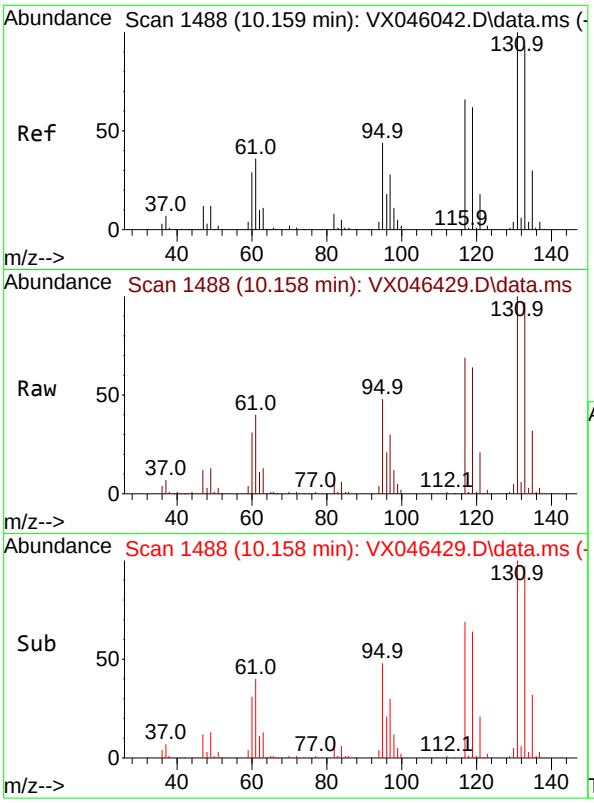


#65
Chlorobenzene
Concen: 53.149 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:112 Resp: 146711

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.2



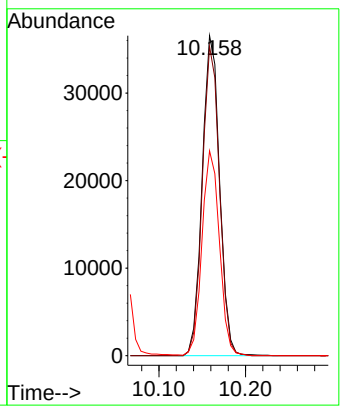


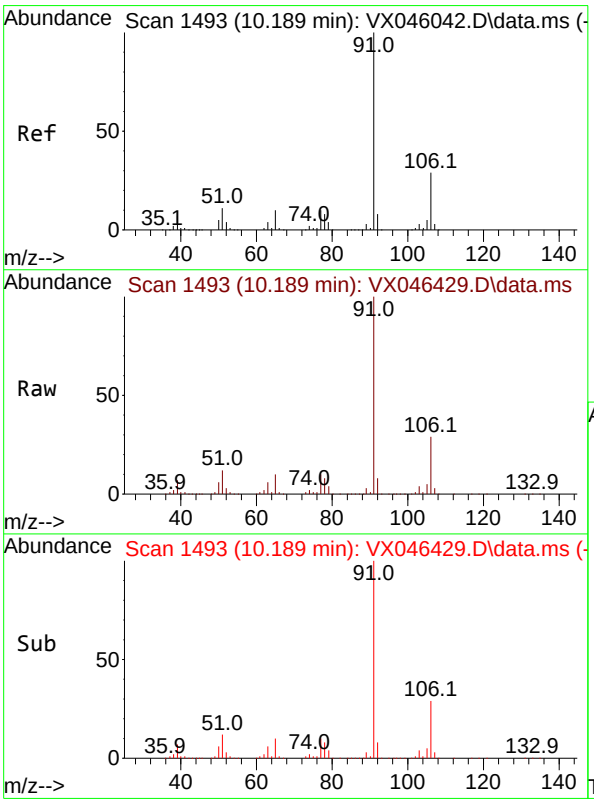
#66
1,1,1,2-Tetrachloroethane
Concen: 54.146 ug/l
RT: 10.158 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:131 Resp: 51037

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	141.9
119	64.1	31.6	95.0

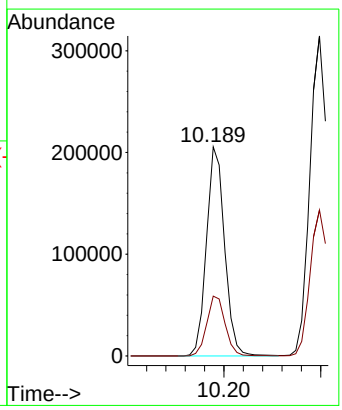


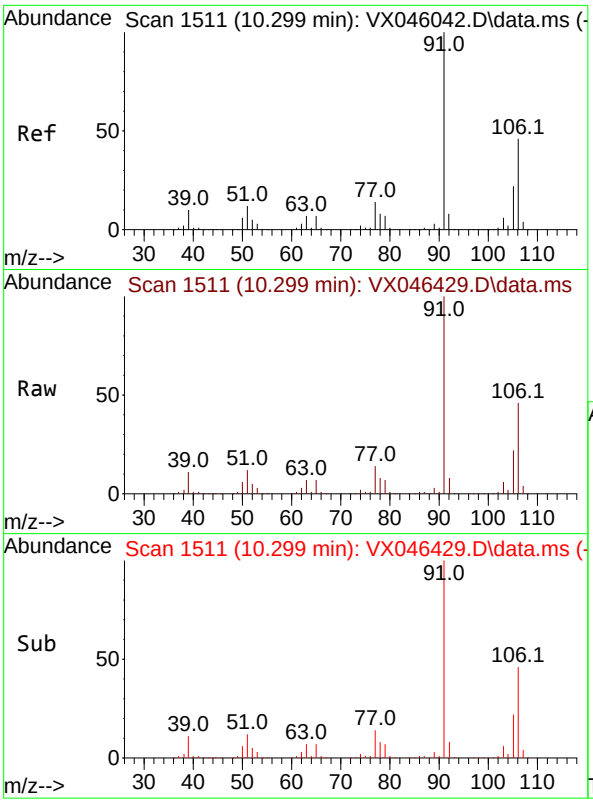


#67
Ethyl Benzene
Concen: 54.904 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 267155

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.4	35.2



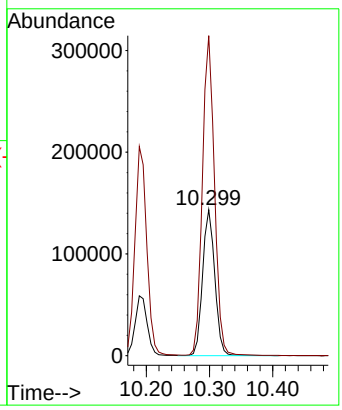


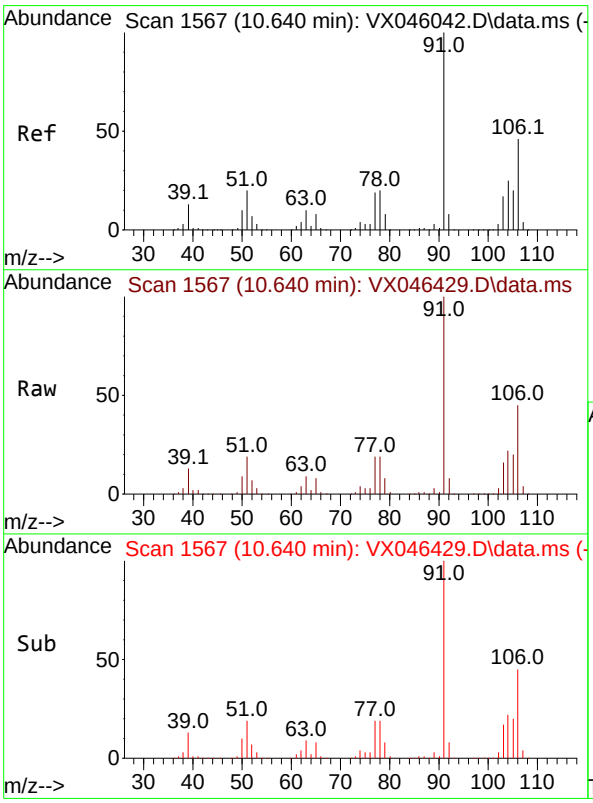
#68
m/p-Xylenes
Concen: 108.442 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:106 Resp: 192988

Ion	Ratio	Lower	Upper
106	100		
91	217.3	171.2	256.8

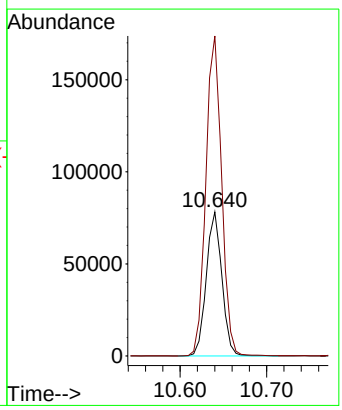


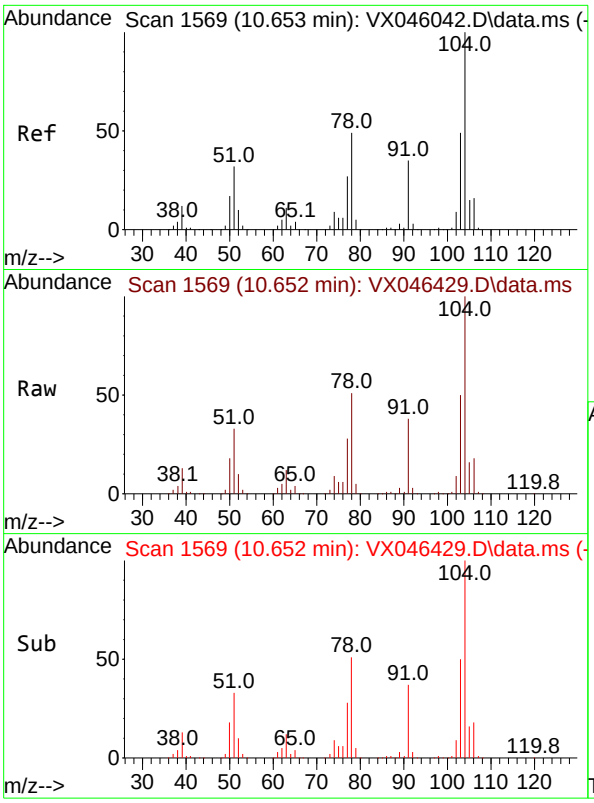


#69
o-Xylene
Concen: 56.296 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:106 Resp: 97673

Ion	Ratio	Lower	Upper
106	100		
91	226.0	112.7	338.1



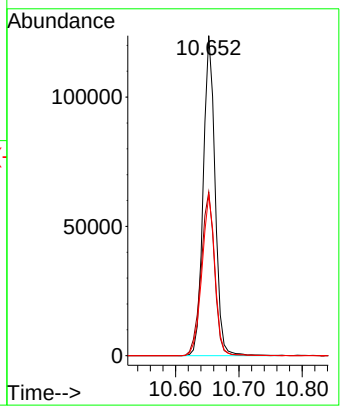


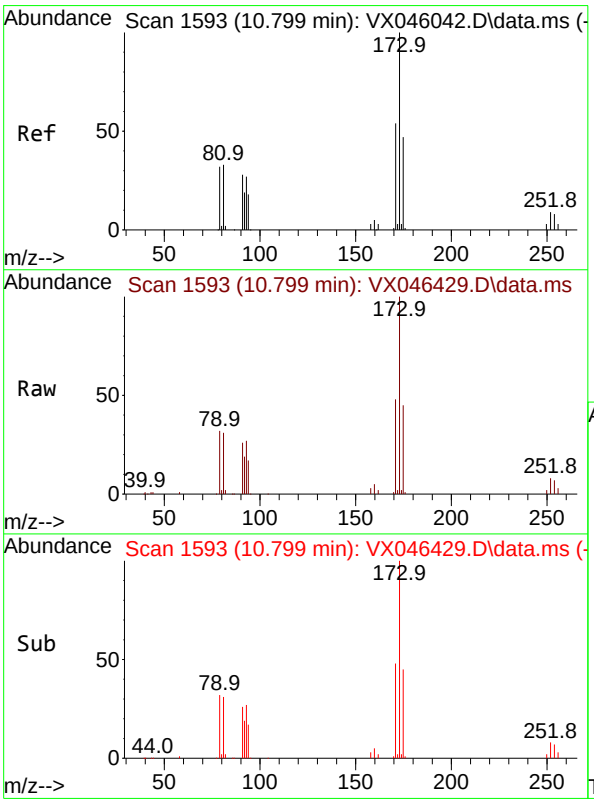
#70
Styrene
Concen: 56.934 ug/l
RT: 10.652 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:104 Resp: 161812

Ion	Ratio	Lower	Upper
104	100		
78	58.0	45.7	68.5
103	55.2	43.7	65.5

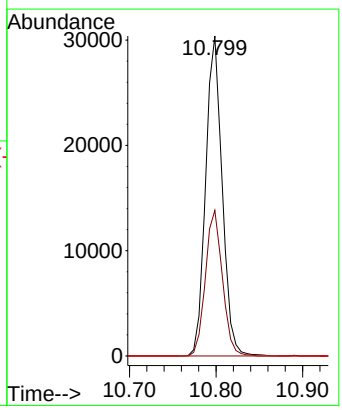


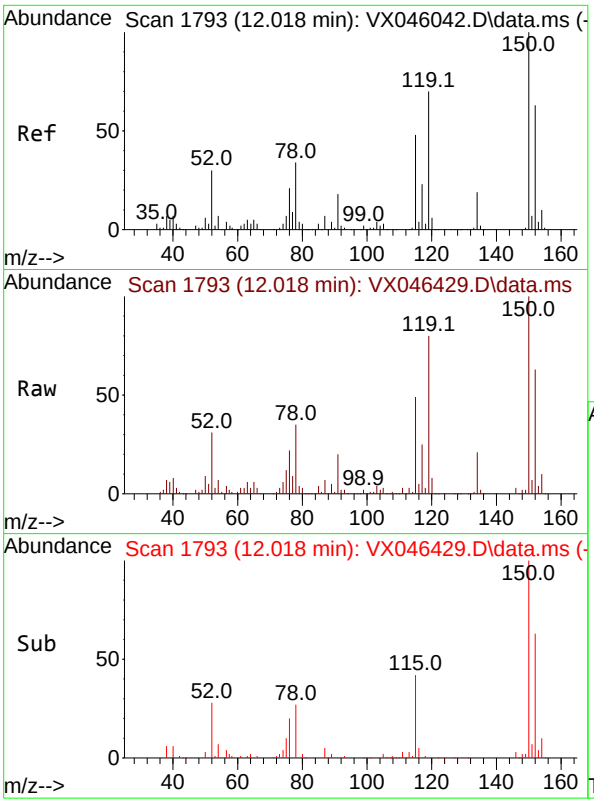


#71
Bromoform
Concen: 56.849 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:173 Resp: 40231

Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.0
254	0.0	0.0	0.0



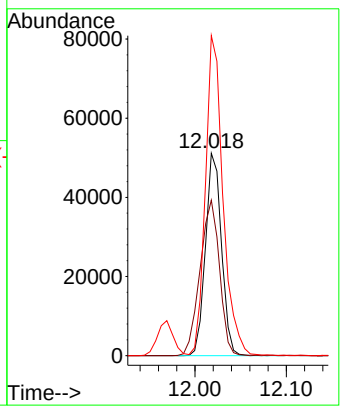


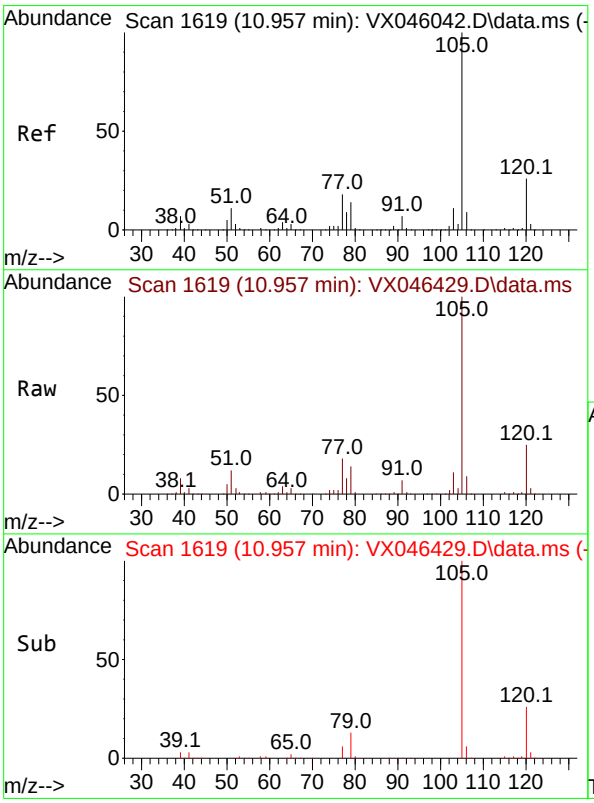
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:152 Resp: 62040

Ion	Ratio	Lower	Upper
152	100		
115	93.3	46.9	140.7
150	173.9	0.0	351.0

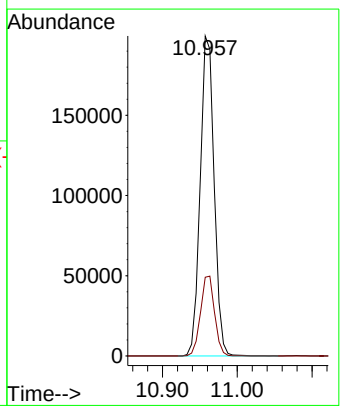


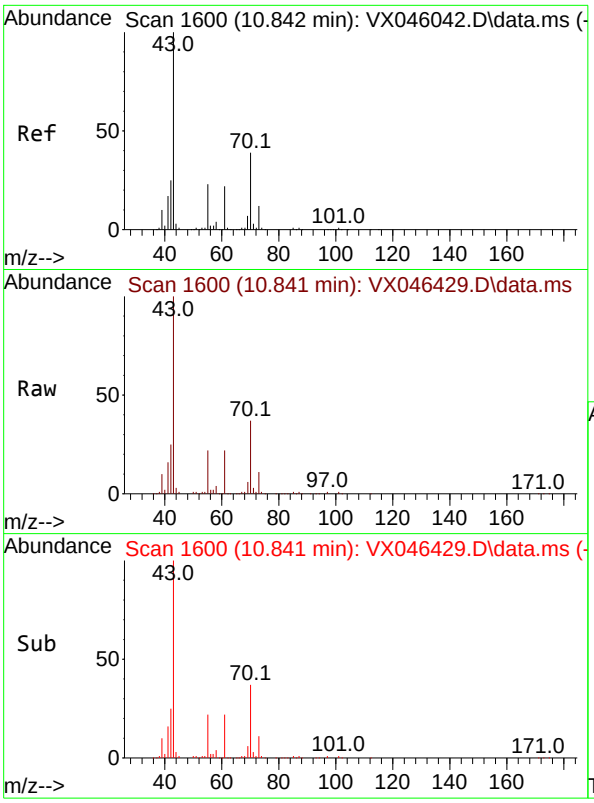


#73
Isopropylbenzene
Concen: 53.404 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:105 Resp: 257943

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4



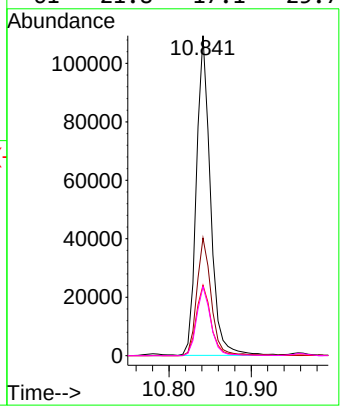


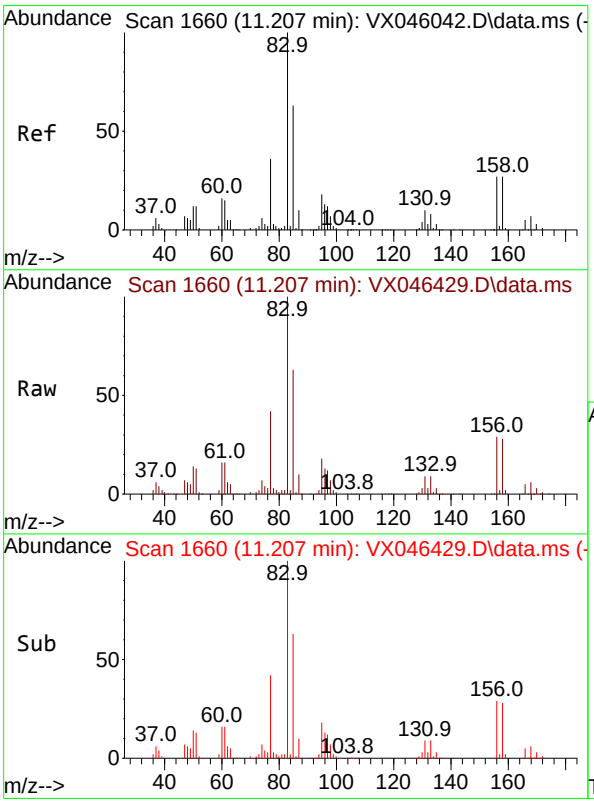
#74
N-amyl acetate
Concen: 54.553 ug/l
RT: 10.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 43 Resp: 130202

Ion	Ratio	Lower	Upper
43	100		
70	37.8	30.9	46.3
55	23.6	18.7	28.1
61	21.8	17.1	25.7

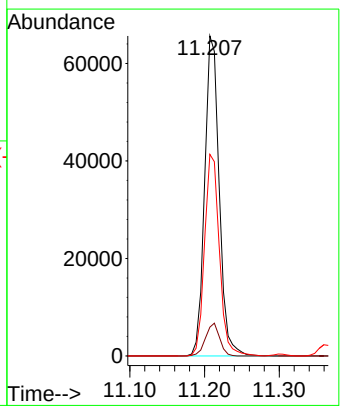


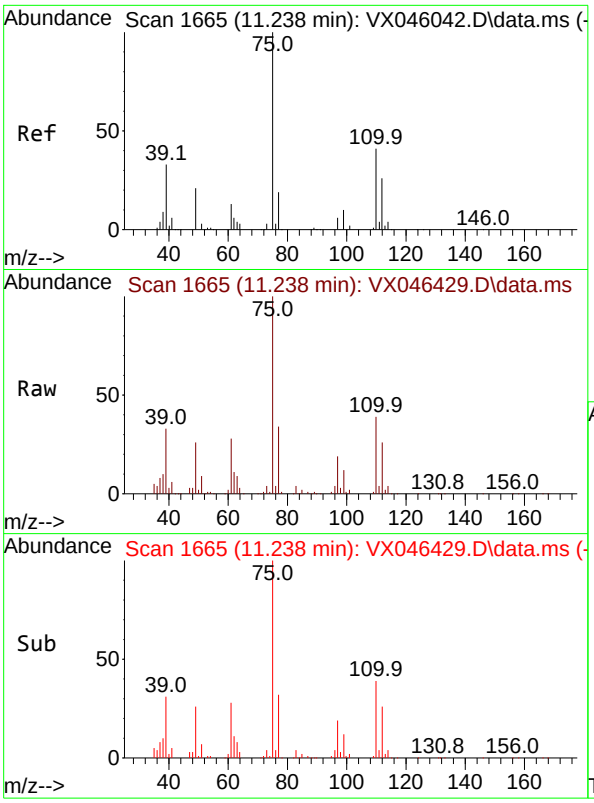


#75
1,1,2,2-Tetrachloroethane
Concen: 52.353 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 83 Resp: 88612

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.3	31.9	95.7



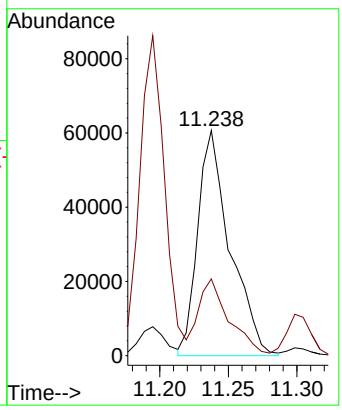


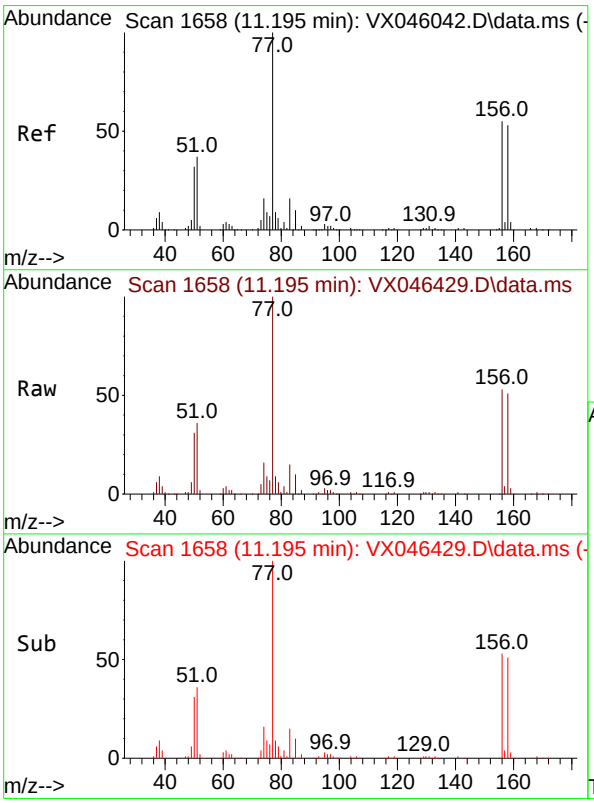
#76
1,2,3-Trichloropropane
Concen: 66.856 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 75 Resp: 99839

Ion	Ratio	Lower	Upper
75	100		
77	32.5	20.5	61.5

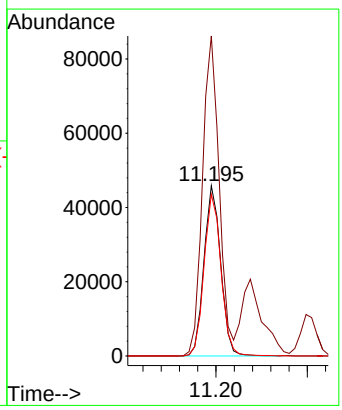


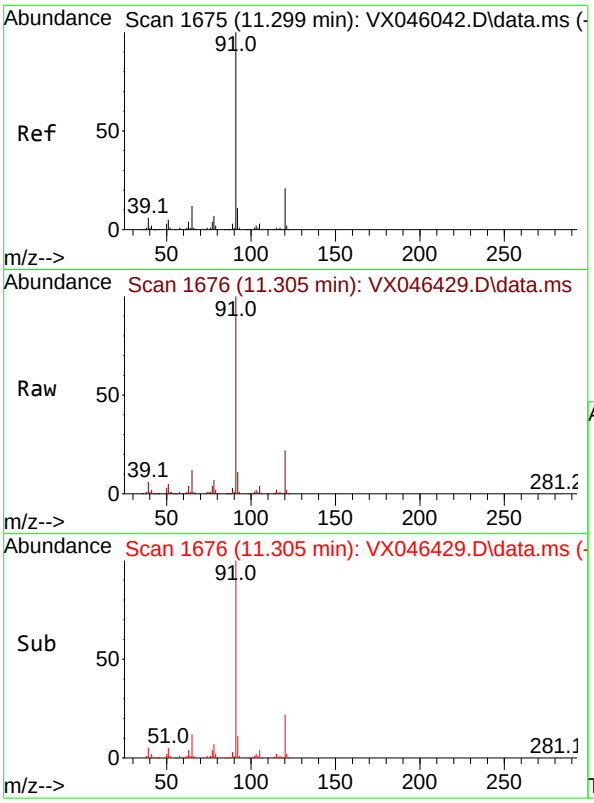


#77
Bromobenzene
Concen: 51.725 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:156 Resp: 58001

Ion	Ratio	Lower	Upper
156	100		
77	187.8	92.8	278.3
158	96.4	48.8	146.3



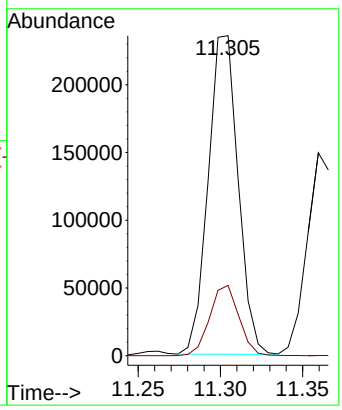


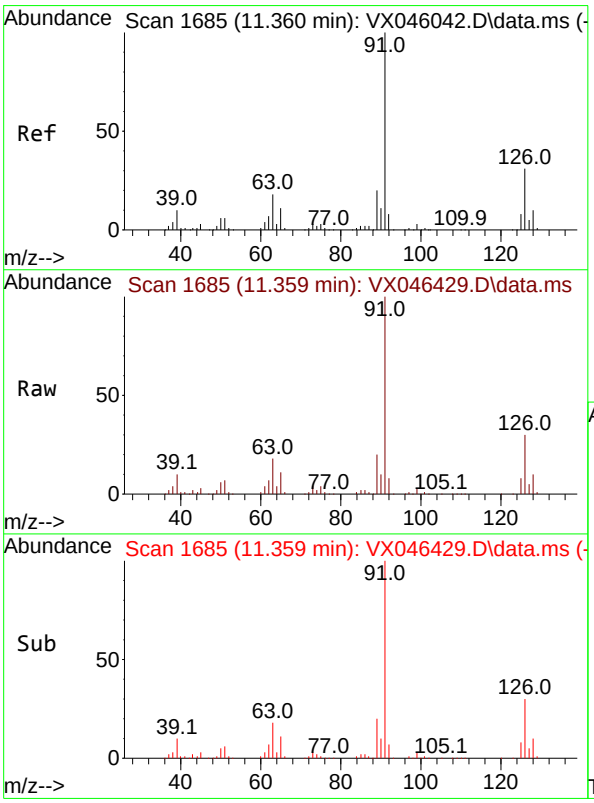
#78
n-propylbenzene
Concen: 53.142 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 91 Resp: 298445

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4

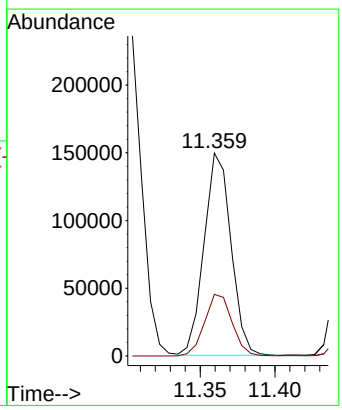


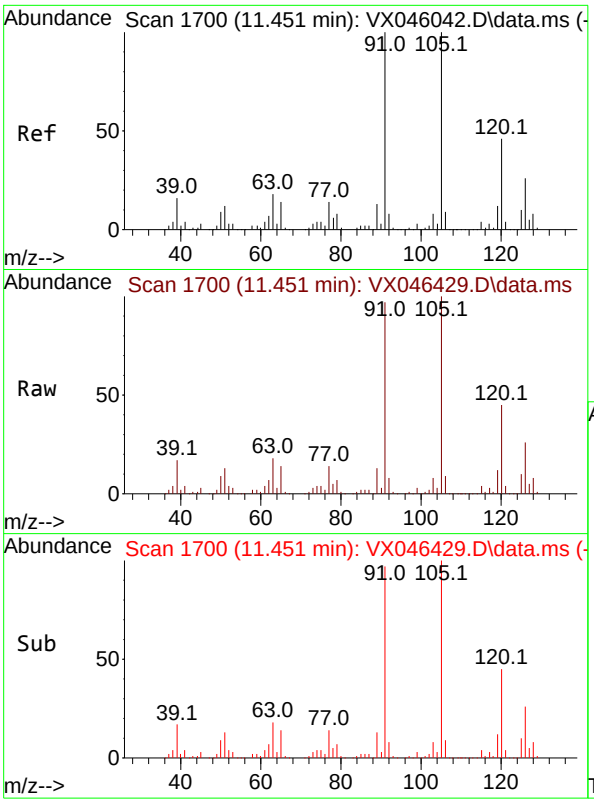


#79
2-Chlorotoluene
Concen: 51.688 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 187233

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7



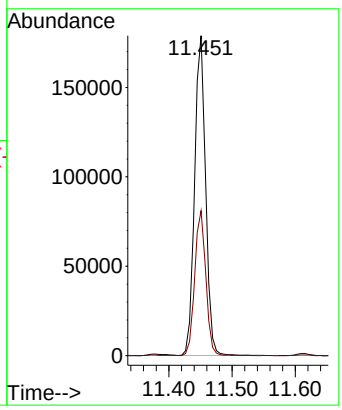


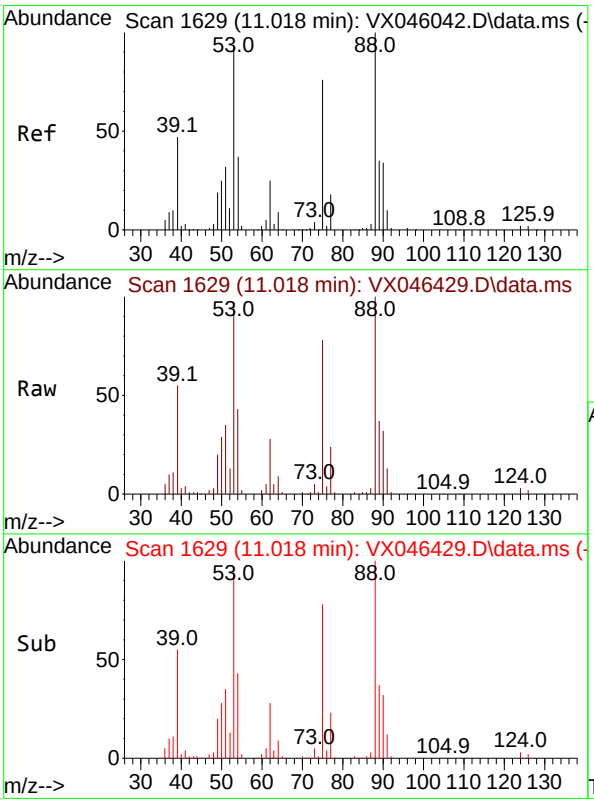
#80
1,3,5-Trimethylbenzene
Concen: 53.815 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:105 Resp: 217152

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2

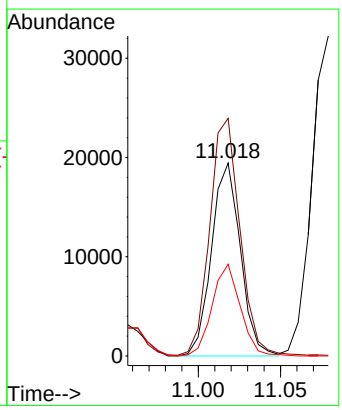


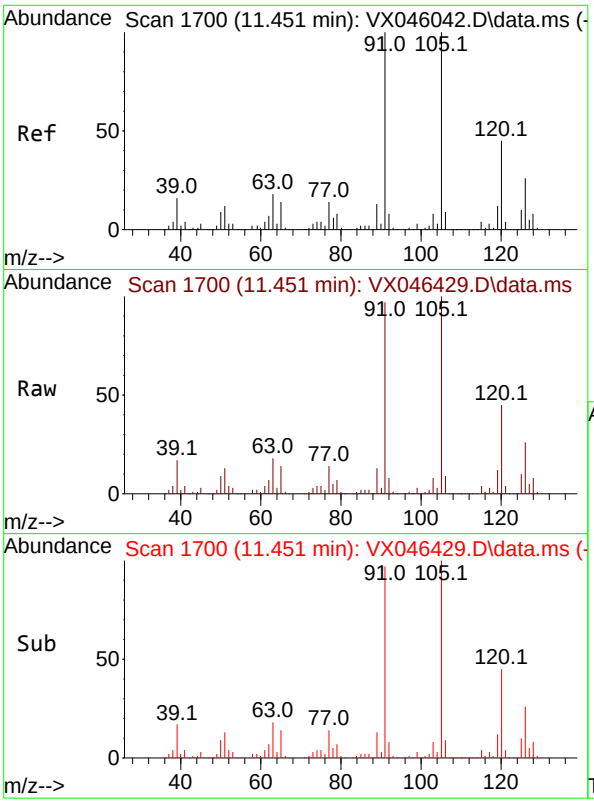


#81
trans-1,4-Dichloro-2-butene
Concen: 51.802 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 75 Resp: 23761

Ion	Ratio	Lower	Upper
75	100		
53	129.1	100.5	150.7
89	46.4	37.0	55.6



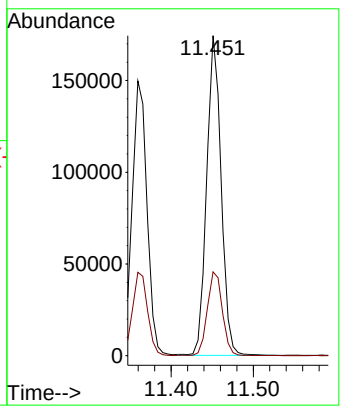


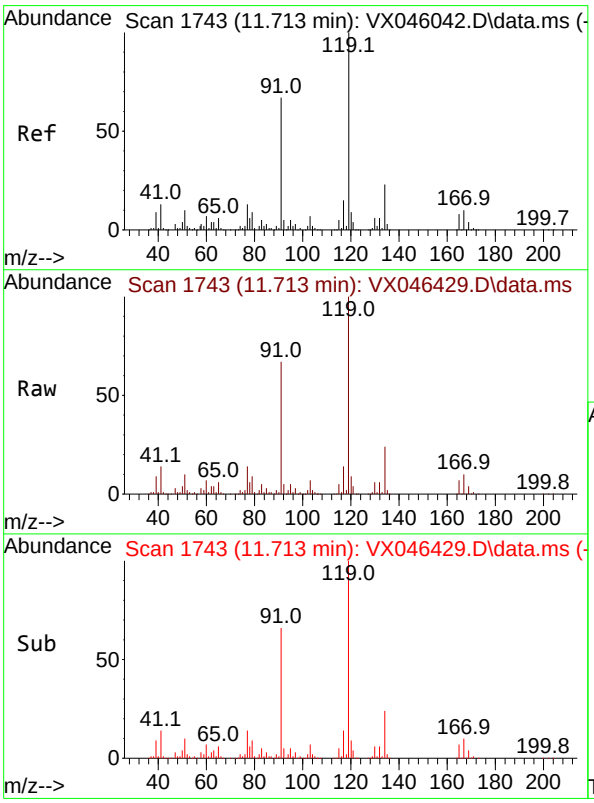
#82
4-Chlorotoluene
Concen: 52.974 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 91 Resp: 212802

Ion	Ratio	Lower	Upper
91	100		
126	27.5	13.3	39.8

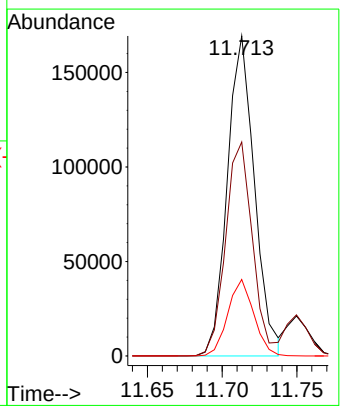


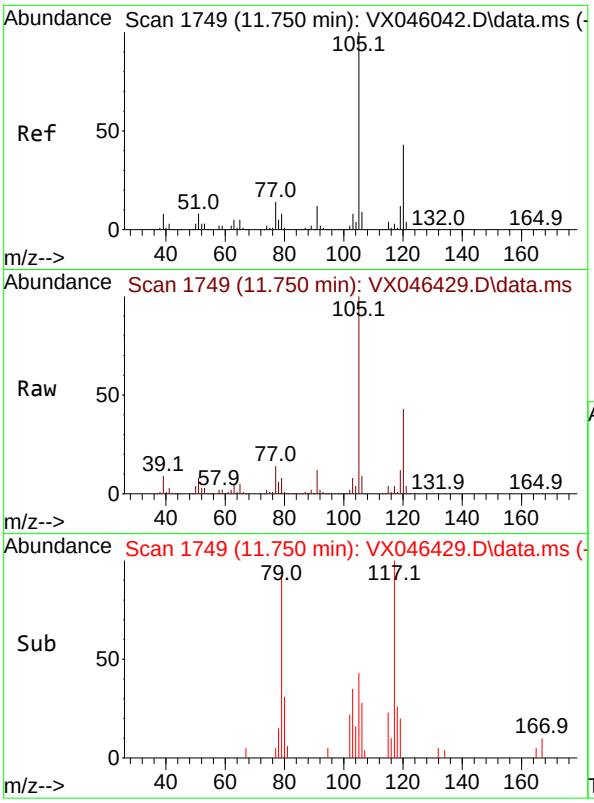


#83
tert-Butylbenzene
Concen: 52.615 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:119 Resp: 213853

Ion	Ratio	Lower	Upper
119	100		
91	66.7	32.9	98.7
134	22.9	11.4	34.1



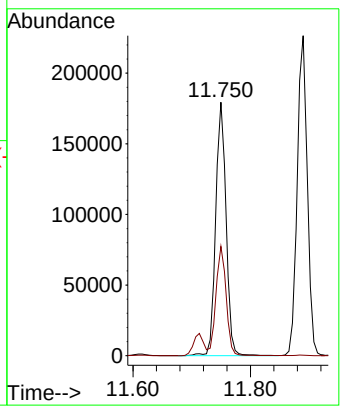


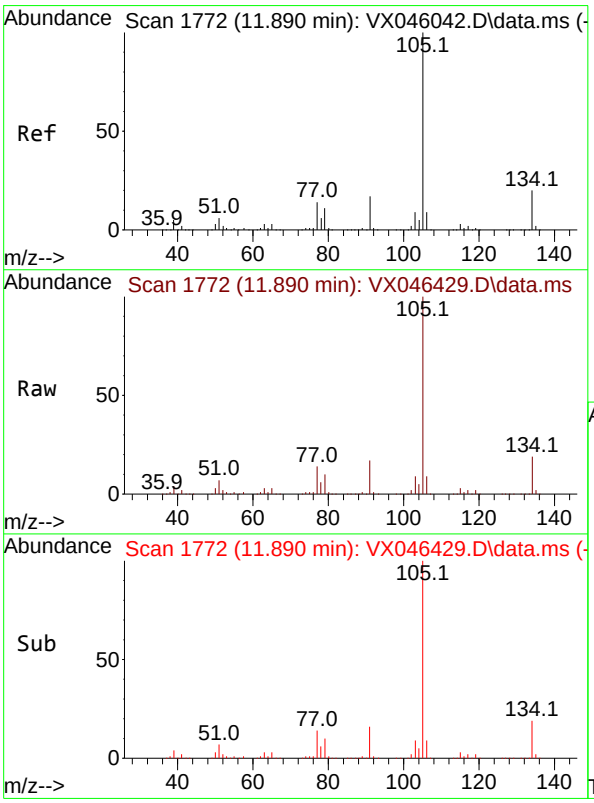
#84
1,2,4-Trimethylbenzene
Concen: 53.787 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:105 Resp: 219791

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6

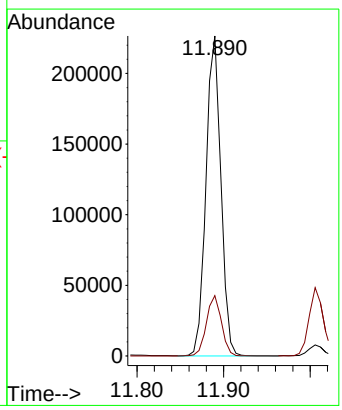


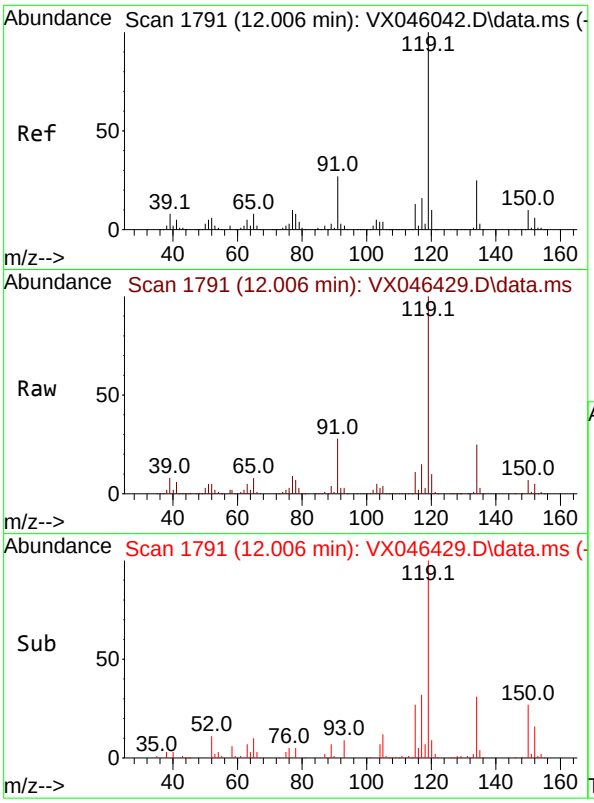


#85
sec-Butylbenzene
Concen: 54.272 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:105 Resp: 270845

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1



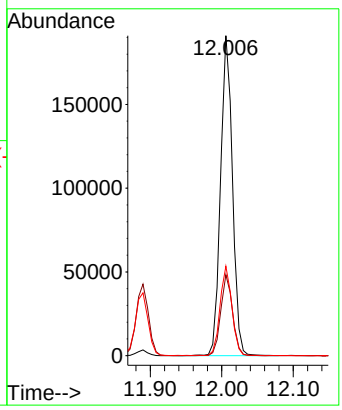


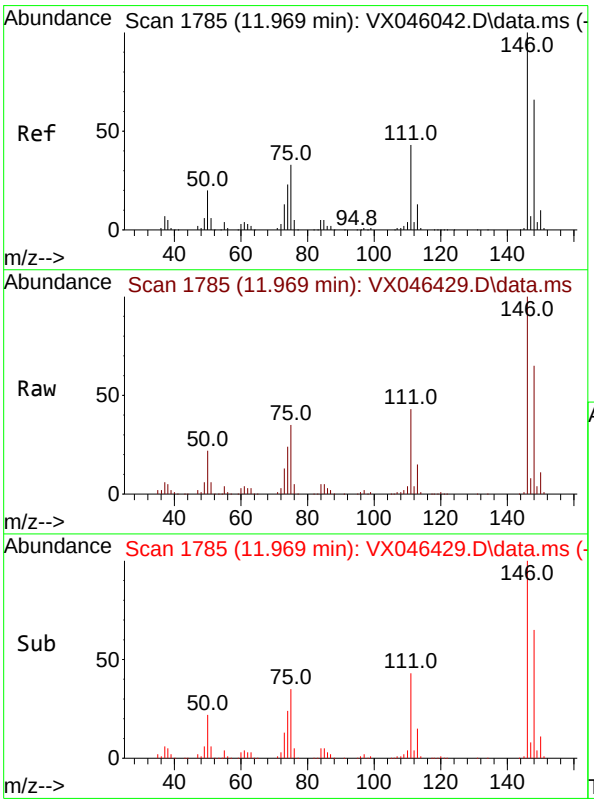
#86
p-Isopropyltoluene
Concen: 53.650 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:119 Resp: 221004

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.7	13.8	41.4

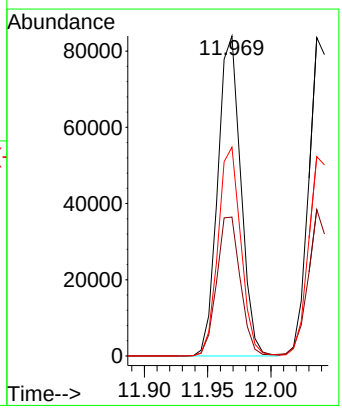


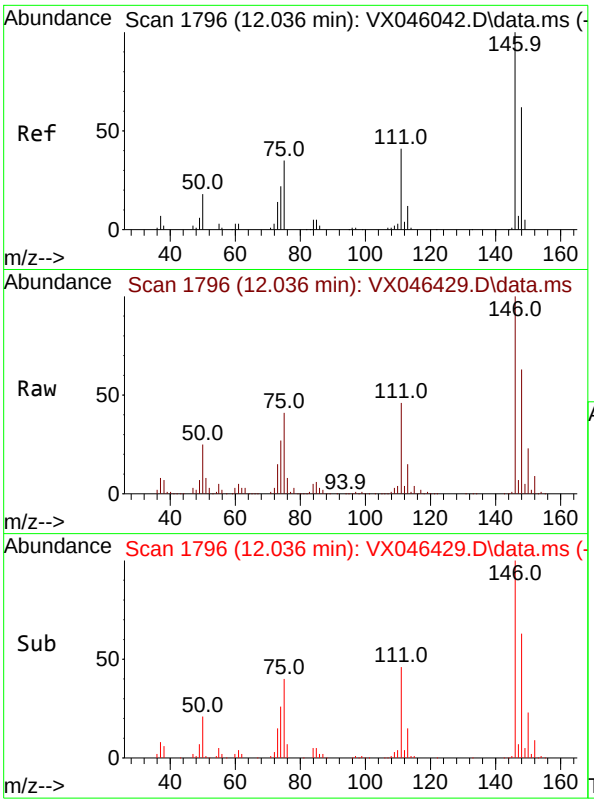


#87
1,3-Dichlorobenzene
Concen: 51.938 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:146 Resp: 106292

Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.1	66.3
148	64.6	32.1	96.5



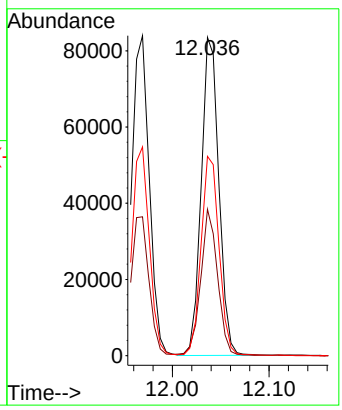


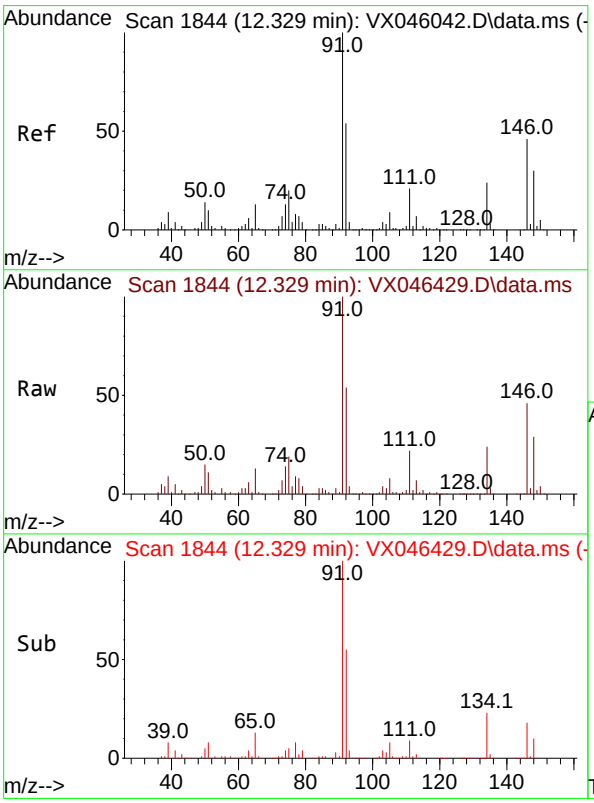
#88
1,4-Dichlorobenzene
Concen: 50.651 ug/l
RT: 12.036 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:146 Resp: 105861

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.3	63.9
148	63.9	31.9	95.5

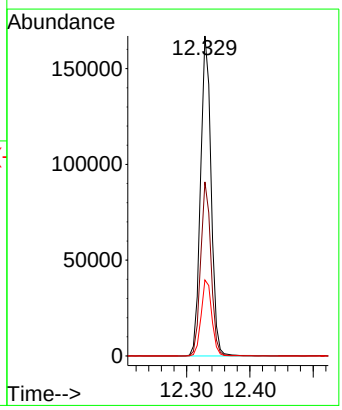


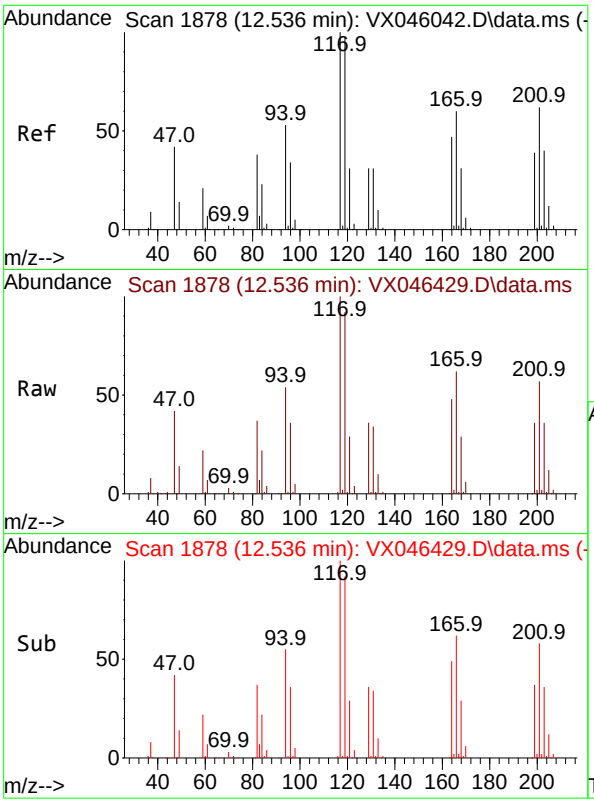


#89
n-Butylbenzene
Concen: 53.834 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion: 91 Resp: 194522

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	24.0	11.8	35.3



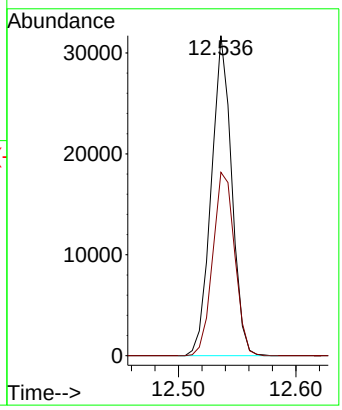


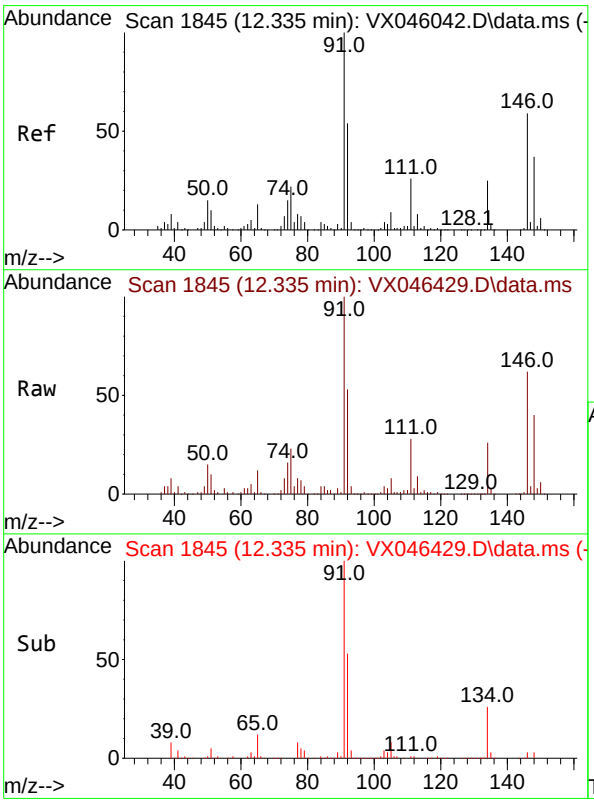
#90
Hexachloroethane
Concen: 52.739 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:117 Resp: 38274

Ion	Ratio	Lower	Upper
117	100		
201	61.7	31.6	94.7

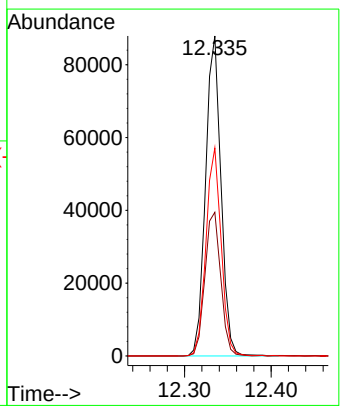


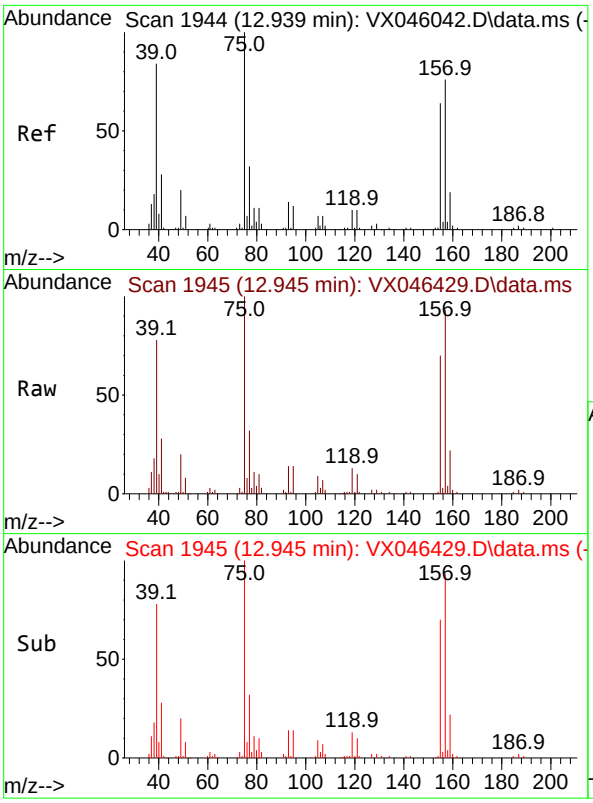


#91
1,2-Dichlorobenzene
Concen: 52.907 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:146 Resp: 108652

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.4	67.3
148	64.0	31.6	94.8



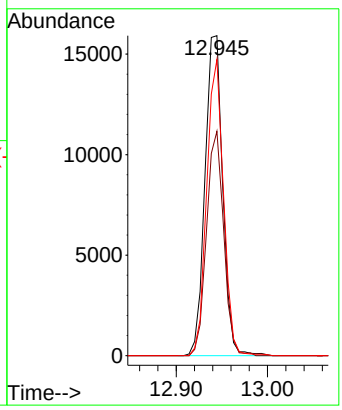


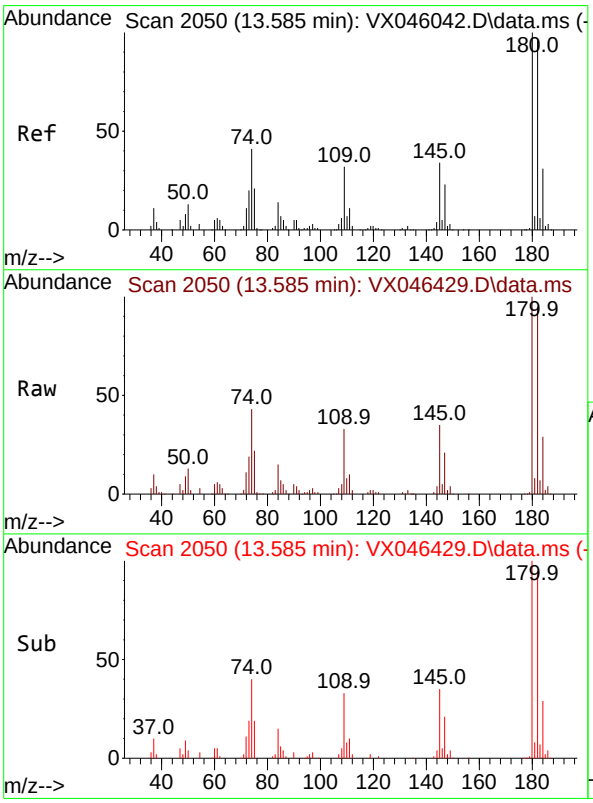
#92
1,2-Dibromo-3-Chloropropane
Concen: 57.165 ug/l
RT: 12.945 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion: 75 Resp: 21435

Ion	Ratio	Lower	Upper
75	100		
155	67.7	34.9	104.8
157	87.6	43.8	131.4

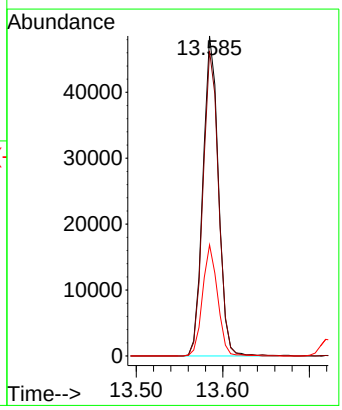


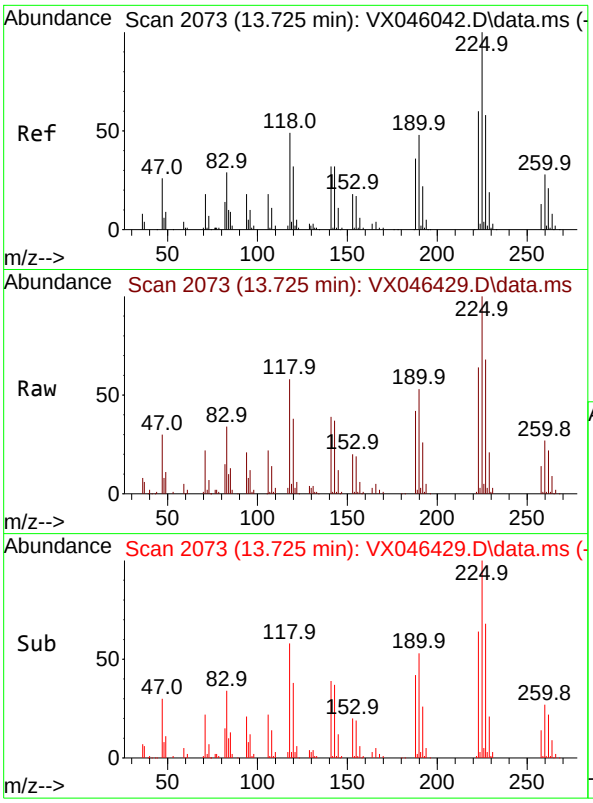


#93
1,2,4-Trichlorobenzene
Concen: 51.001 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:180 Resp: 60157

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	33.7	17.1	51.2



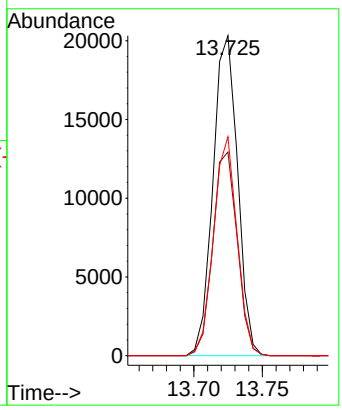


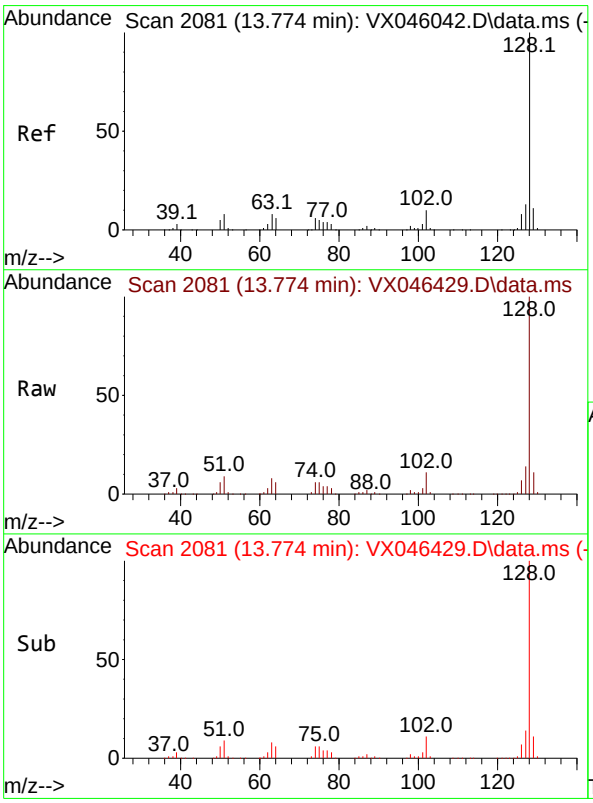
#94
Hexachlorobutadiene
Concen: 49.184 ug/l
RT: 13.725 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:225 Resp: 25337

Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.8	92.4
227	65.5	30.9	92.7

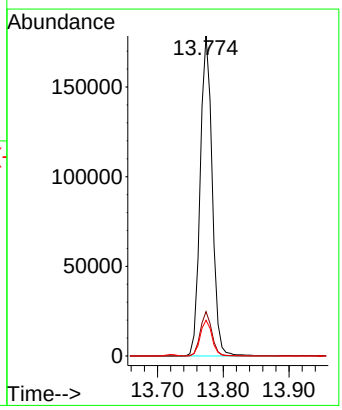


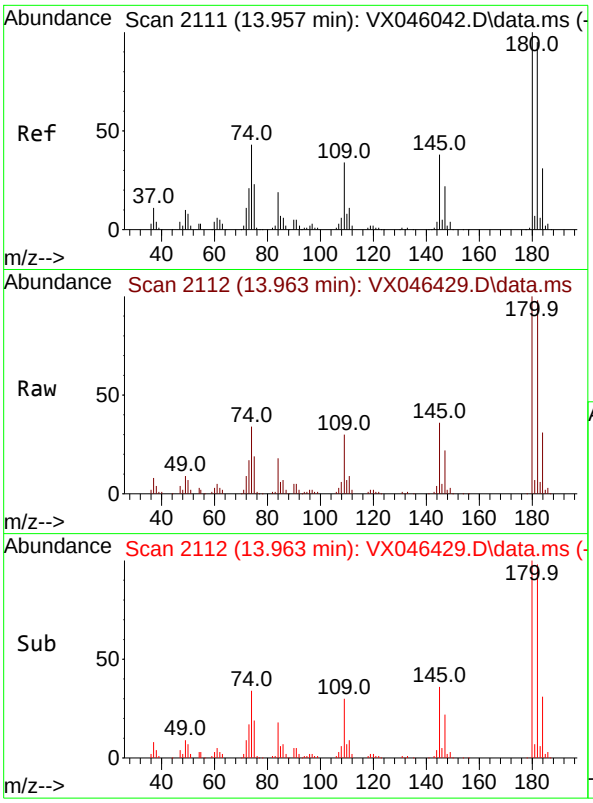


#95
Naphthalene
Concen: 52.436 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Tgt Ion:128 Resp: 226842

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0



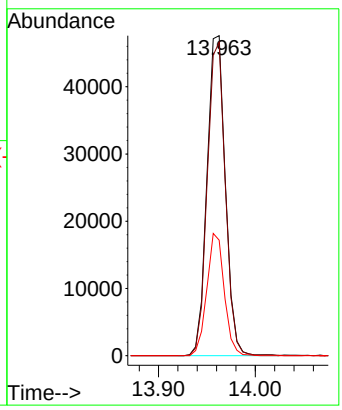


#96
1,2,3-Trichlorobenzene
Concen: 51.649 ug/l
RT: 13.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046429.D
Acq: 30 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MS

Tgt Ion:180 Resp: 62860

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	36.4	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Quant Time: May 31 05:20:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	75595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72838	51.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.379	113	51248	51.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	8.646	98	166906	48.818	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	68539	52.261	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	58744	50.771	ug/l	99
3) Chloromethane	1.306	50	58191	51.862	ug/l	100
4) Vinyl Chloride	1.373	62	53002	50.755	ug/l	99
5) Bromomethane	1.593	94	25033	51.684	ug/l	96
6) Chloroethane	1.666	64	30434	54.593	ug/l	97
7) Trichlorofluoromethane	1.873	101	82500	53.456	ug/l	98
8) Diethyl Ether	2.135	74	27902	53.109	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	51852	54.290	ug/l	98
10) Methyl Iodide	2.446	142	61870	54.746	ug/l	99
11) Tert butyl alcohol	2.977	59	60208	304.346	ug/l	100
12) 1,1-Dichloroethene	2.312	96	48375	53.968	ug/l	99
13) Acrolein	2.239	56	58607	260.135	ug/l	97
14) Allyl chloride	2.660	41	97730	57.048	ug/l	98
15) Acrylonitrile	3.062	53	173316	306.388	ug/l	98
16) Acetone	2.385	43	173309	306.700	ug/l	98
17) Carbon Disulfide	2.501	76	106201	49.974	ug/l	99
18) Methyl Acetate	2.702	43	95629	72.928	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	181490	57.751	ug/l	100
20) Methylene Chloride	2.782	84	57598	53.190	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	49361	54.758	ug/l	99
22) Diisopropyl ether	3.763	45	192761	58.251	ug/l	92
23) Vinyl Acetate	3.720	43	794115	272.844	ug/l	100
24) 1,1-Dichloroethane	3.605	63	106699	57.891	ug/l	99
25) 2-Butanone	4.556	43	257579	313.979	ug/l	100
26) 2,2-Dichloropropane	4.470	77	68568	47.530	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60126	55.407	ug/l	99
28) Bromochloromethane	4.891	49	46727	52.669	ug/l	97
29) Tetrahydrofuran	5.007	42	158653	308.625	ug/l	99
30) Chloroform	5.092	83	110181	57.353	ug/l	98
31) Cyclohexane	5.464	56	91288	54.352	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	95050	57.076	ug/l	99
36) 1,1-Dichloropropene	5.684	75	69863	52.638	ug/l	100
37) Ethyl Acetate	4.714	43	89214	54.406	ug/l	99
38) Carbon Tetrachloride	5.671	117	79543	53.339	ug/l	97
39) Methylcyclohexane	7.378	83	86371	50.548	ug/l	97
40) Benzene	6.031	78	211962	54.523	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Quant Time: May 31 05:20:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	53225	62.048	ug/l		98
42) 1,2-Dichloroethane	6.086	62	92252	54.982	ug/l		100
43) Isopropyl Acetate	6.336	43	143596	57.401	ug/l		99
44) Trichloroethene	7.122	130	50094	53.538	ug/l		97
45) 1,2-Dichloropropane	7.427	63	55500	57.413	ug/l		97
46) Dibromomethane	7.580	93	42470	55.704	ug/l		98
47) Bromodichloromethane	7.817	83	85543	56.966	ug/l		98
48) Methyl methacrylate	7.689	41	77541	60.693	ug/l		99
49) 1,4-Dioxane	7.659	88	28598	1178.909	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	517228	311.483	ug/l		99
52) Toluene	8.714	92	130901	54.913	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	73739	55.246	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	81651	55.348	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	53419	56.832	ug/l		99
56) Ethyl methacrylate	9.116	69	91496	61.076	ug/l		99
57) 1,3-Dichloropropane	9.305	76	94198	55.802	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.171	63	187	0.245	ug/l	#	48
59) 2-Hexanone	9.427	43	388936	316.589	ug/l		100
60) Dibromochloromethane	9.518	129	60636	58.740	ug/l		98
61) 1,2-Dibromoethane	9.610	107	54664	55.955	ug/l		97
64) Tetrachloroethene	9.268	164	45910	54.056	ug/l		96
65) Chlorobenzene	10.079	112	141023	53.677	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	50461	56.247	ug/l		100
67) Ethyl Benzene	10.189	91	259964	56.134	ug/l		99
68) m/p-Xylenes	10.299	106	189468	111.859	ug/l		98
69) o-Xylene	10.640	106	93344	56.527	ug/l		95
70) Styrene	10.652	104	157410	58.191	ug/l		99
71) Bromoform	10.799	173	38522	57.193	ug/l	#	97
73) Isopropylbenzene	10.957	105	251401	56.113	ug/l		99
74) N-amyl acetate	10.841	43	125773	56.810	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	86029	54.794	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	95830	69.181	ug/l		85
77) Bromobenzene	11.195	156	56287	54.114	ug/l		100
78) n-propylbenzene	11.305	91	289747	55.620	ug/l		100
79) 2-Chlorotoluene	11.359	91	179671	53.472	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	212036	56.649	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	22568	53.042	ug/l		99
82) 4-Chlorotoluene	11.451	91	207992	55.818	ug/l		100
83) tert-Butylbenzene	11.713	119	206970	54.896	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	213290	56.271	ug/l		99
85) sec-Butylbenzene	11.890	105	258748	55.895	ug/l		99
86) p-Isopropyltoluene	12.006	119	215672	56.443	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	103785	54.672	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	103553	53.414	ug/l		100
89) n-Butylbenzene	12.329	91	190304	56.778	ug/l		99
90) Hexachloroethane	12.536	117	37086	55.090	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	105535	55.401	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21154	60.819	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	59819	54.673	ug/l		99
94) Hexachlorobutadiene	13.725	225	24392	51.045	ug/l		97
95) Naphthalene	13.774	128	227943	56.803	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	61757	54.703	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Quant Time: May 31 05:20:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

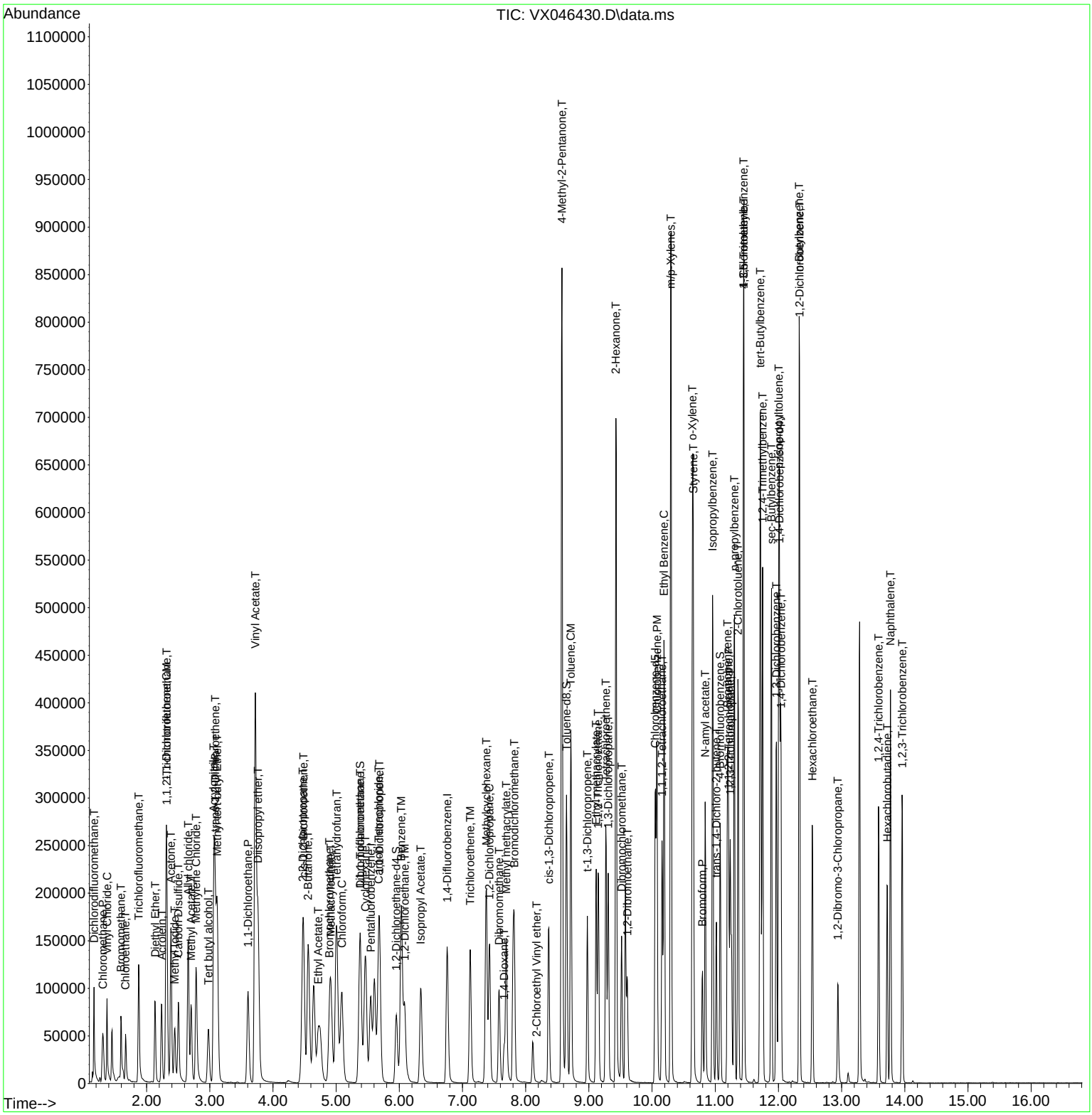
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

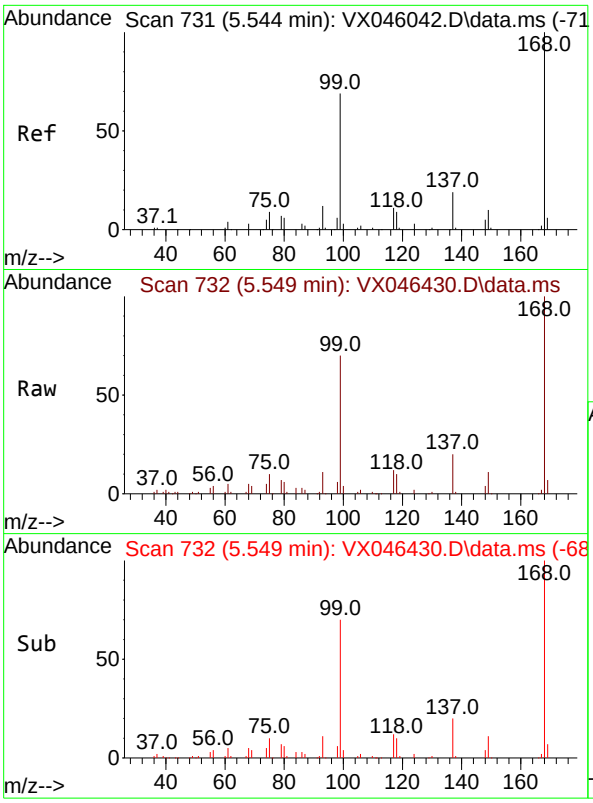
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046430.D
Acq On : 30 May 2025 18:33
Operator : JC/MD
Sample : Q2162-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Quant Time: May 31 05:20:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



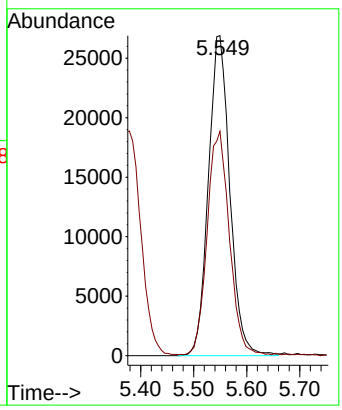


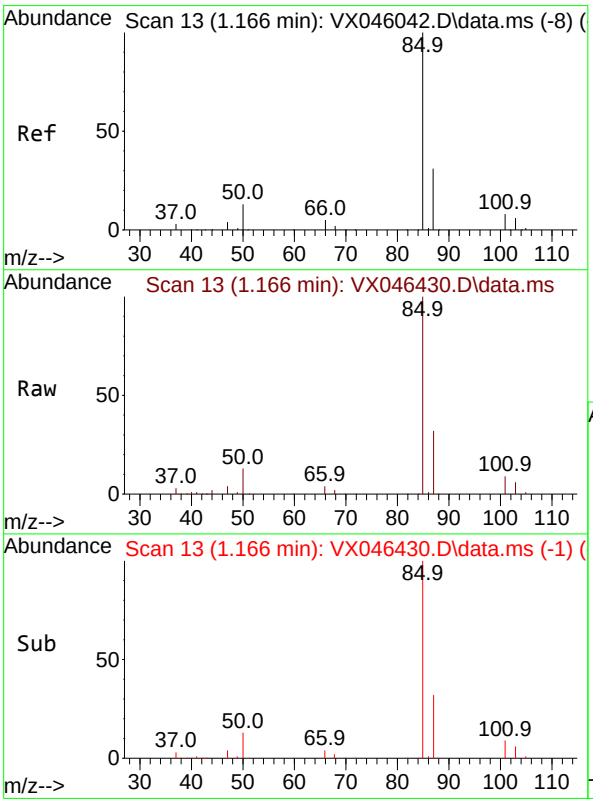
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:168 Resp: 75595

Ion	Ratio	Lower	Upper
168	100		
99	69.8	54.9	82.3

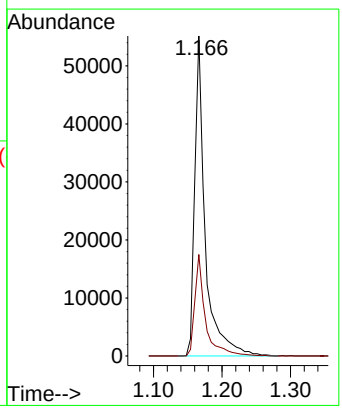


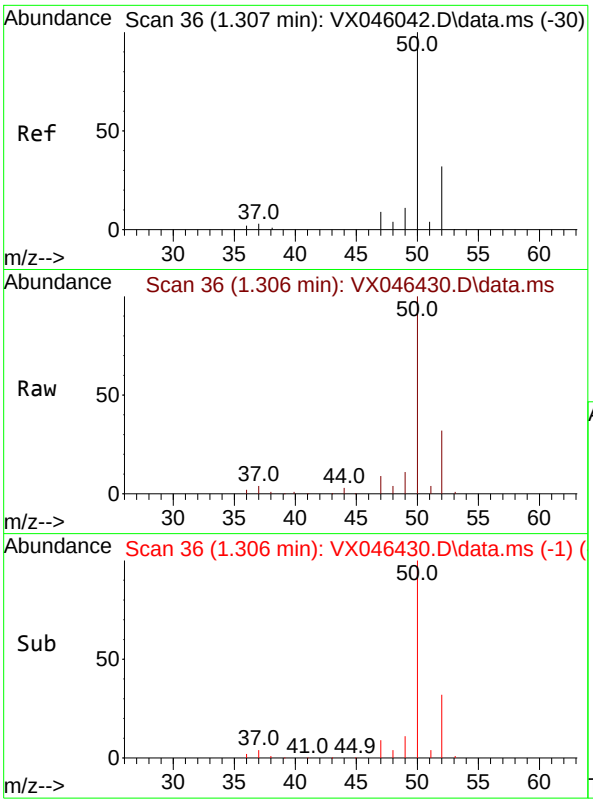


#2
Dichlorodifluoromethane
Concen: 50.771 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 85 Resp: 58744

Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.7	47.1



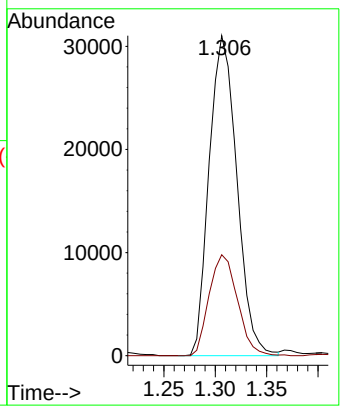


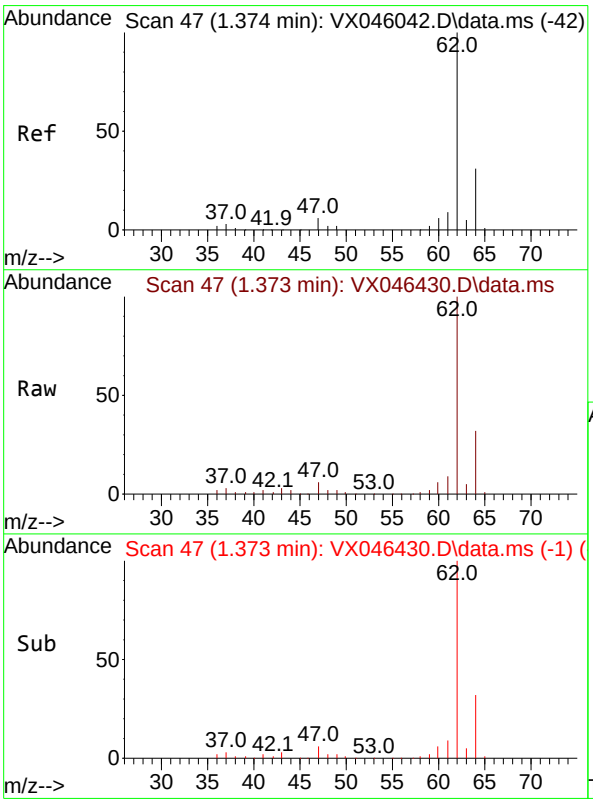
#3
Chloromethane
Concen: 51.862 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 50 Resp: 58191

Ion	Ratio	Lower	Upper
50	100		
52	31.5	25.4	38.2

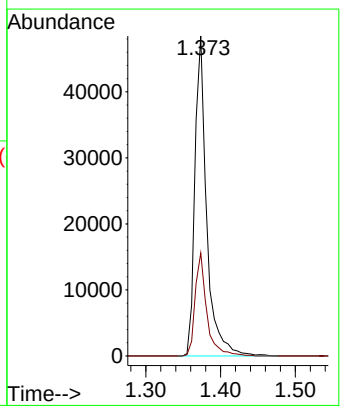


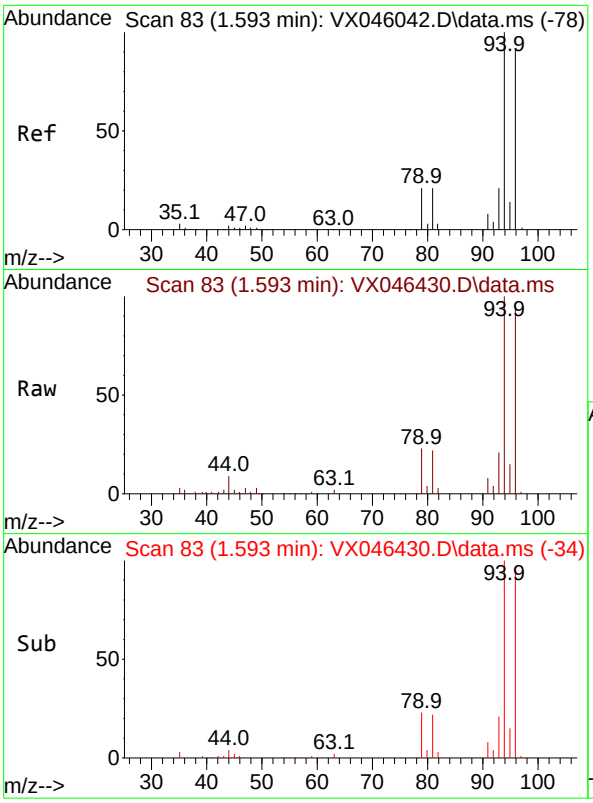


#4
Vinyl Chloride
Concen: 50.755 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 62 Resp: 53002

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.2	37.8



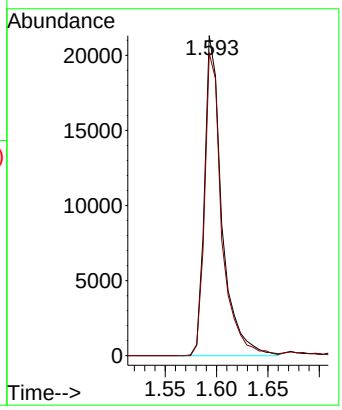


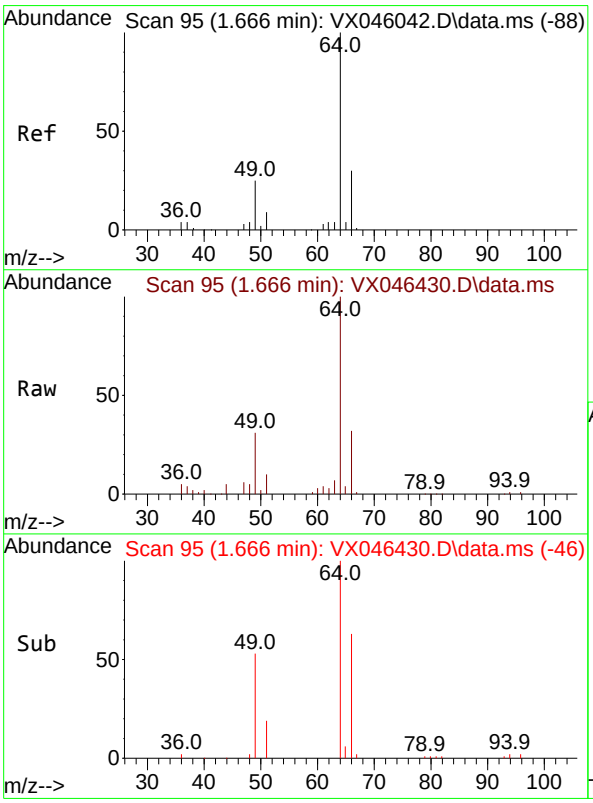
#5
Bromomethane
Concen: 51.684 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 94 Resp: 25033

Ion	Ratio	Lower	Upper
94	100		
96	94.5	72.8	109.2

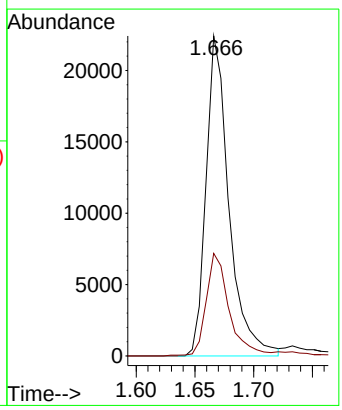


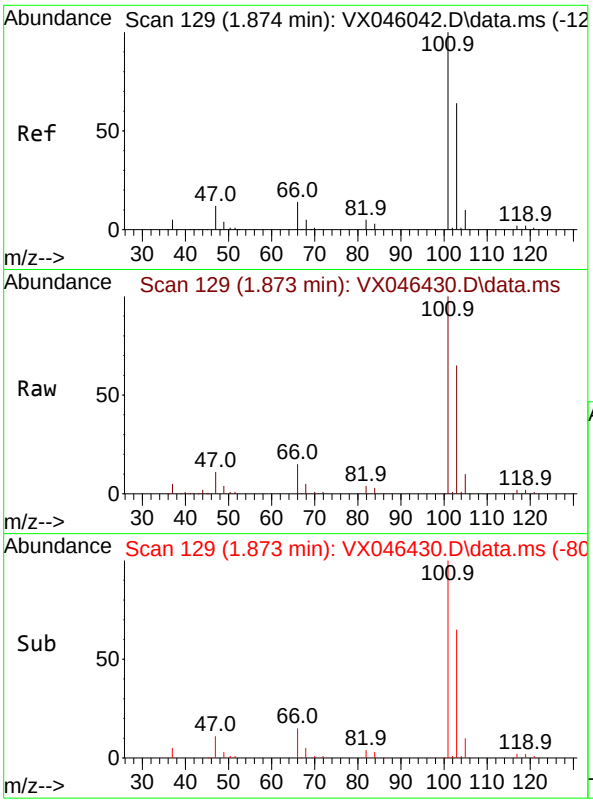


#6
Chloroethane
Concen: 54.593 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 64 Resp: 30434

Ion	Ratio	Lower	Upper
64	100		
66	31.8	24.3	36.5



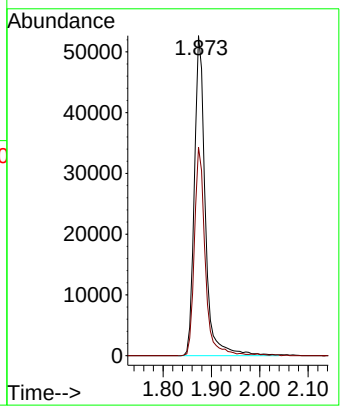


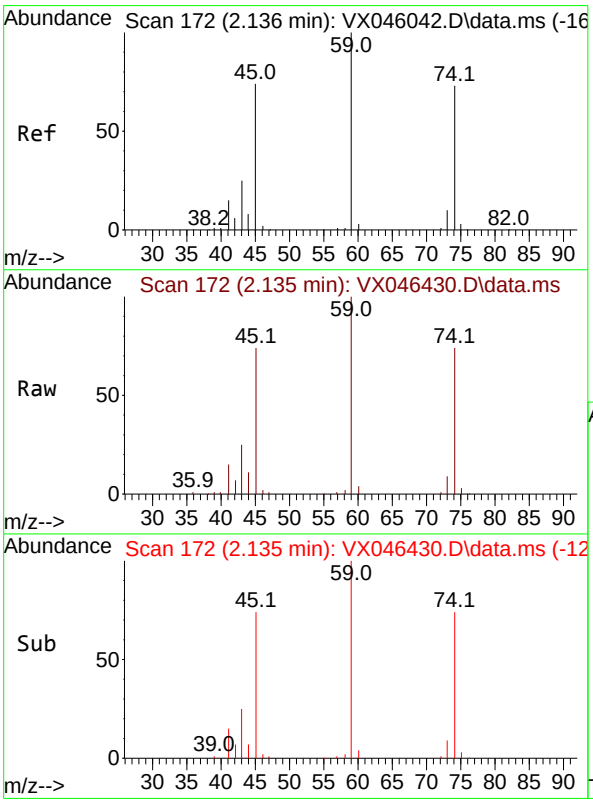
#7
Trichlorofluoromethane
Concen: 53.456 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:101 Resp: 82500

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.0	76.4

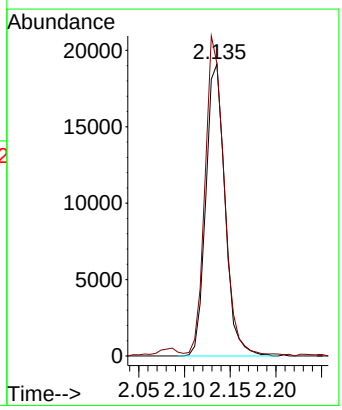


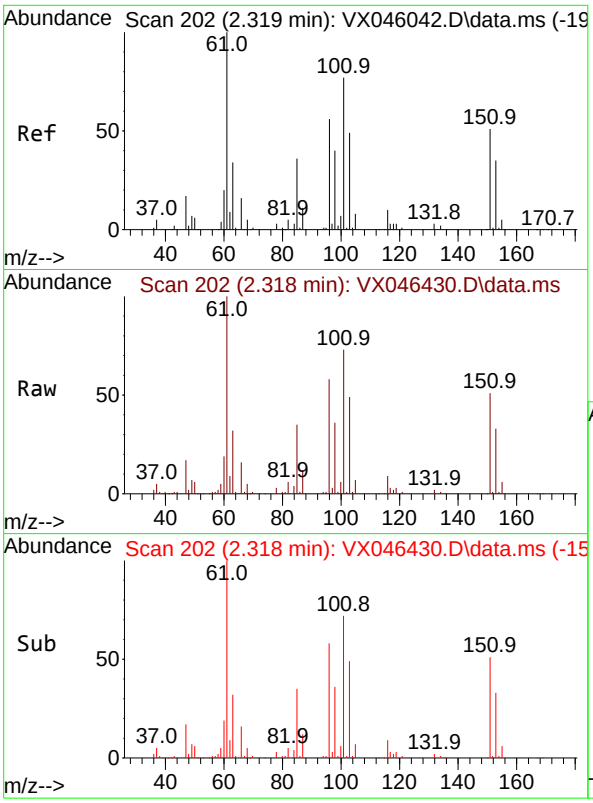


#8
Diethyl Ether
Concen: 53.109 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 74 Resp: 27902

Ion	Ratio	Lower	Upper
74	100		
45	109.7	54.9	164.8



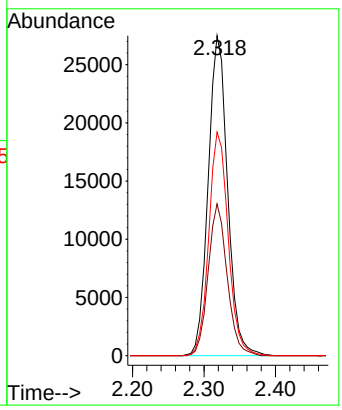


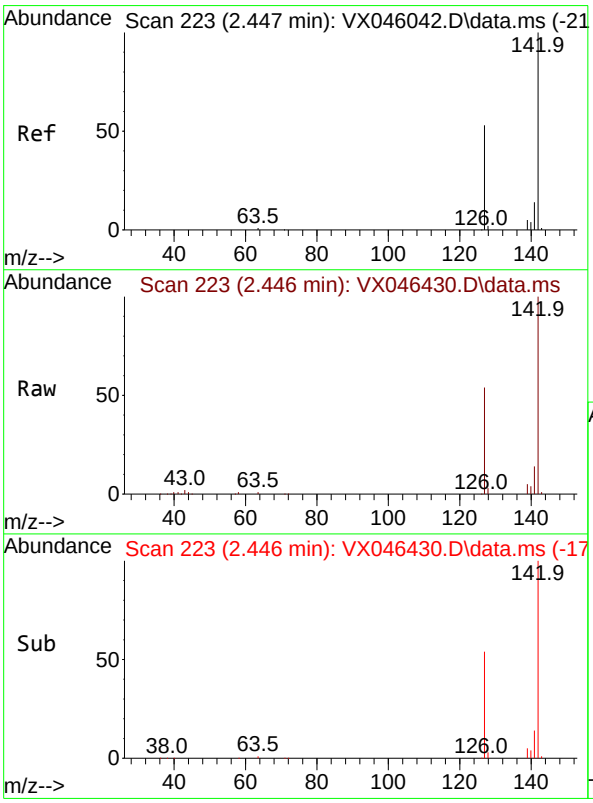
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.290 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:101 Resp: 51852

Ion	Ratio	Lower	Upper
101	100		
85	46.5	38.6	58.0
151	69.9	55.2	82.8

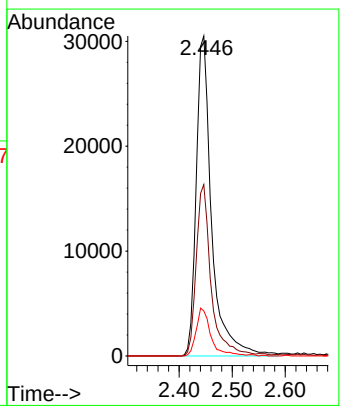


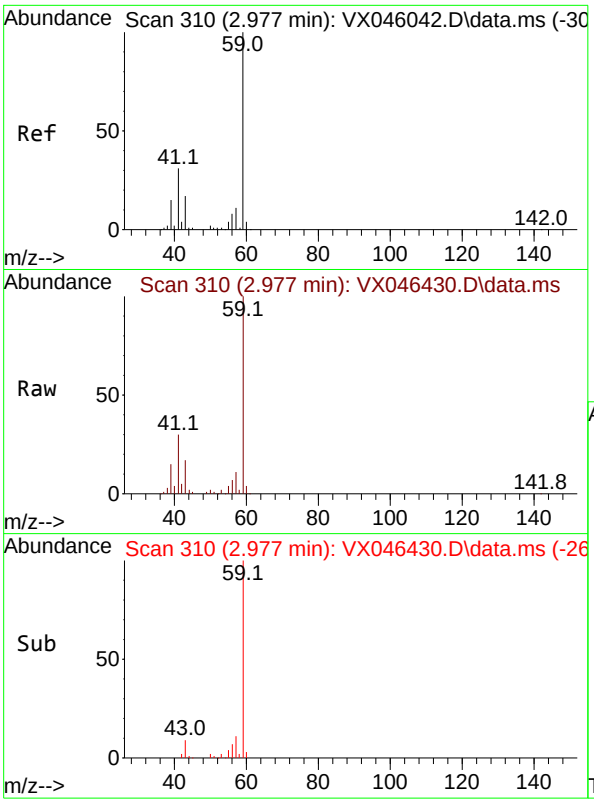


#10
Methyl Iodide
Concen: 54.746 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:142 Resp: 61870

Ion	Ratio	Lower	Upper
142	100		
127	51.5	41.7	62.5
141	14.1	11.5	17.3



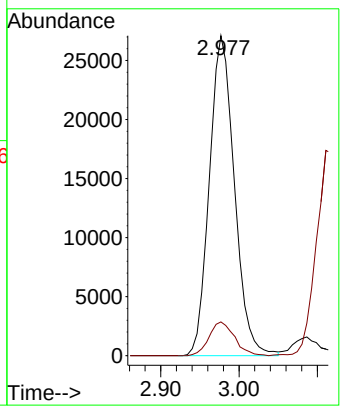


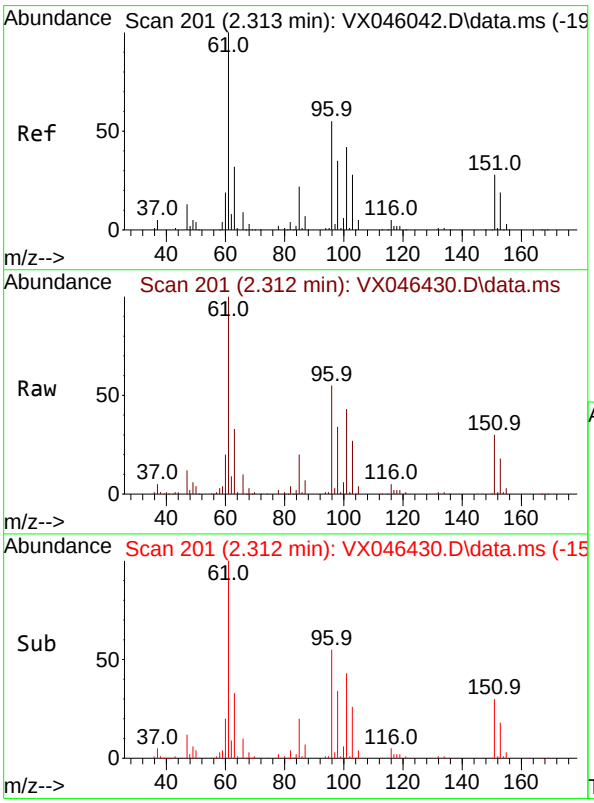
#11
Tert butyl alcohol
Concen: 304.346 ug/l
RT: 2.977 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 59 Resp: 60208

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

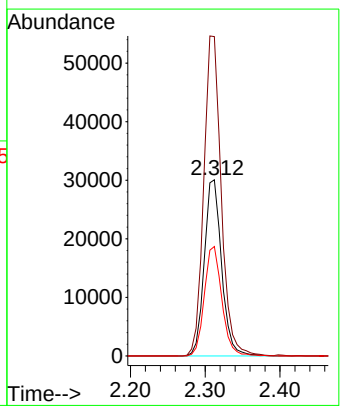


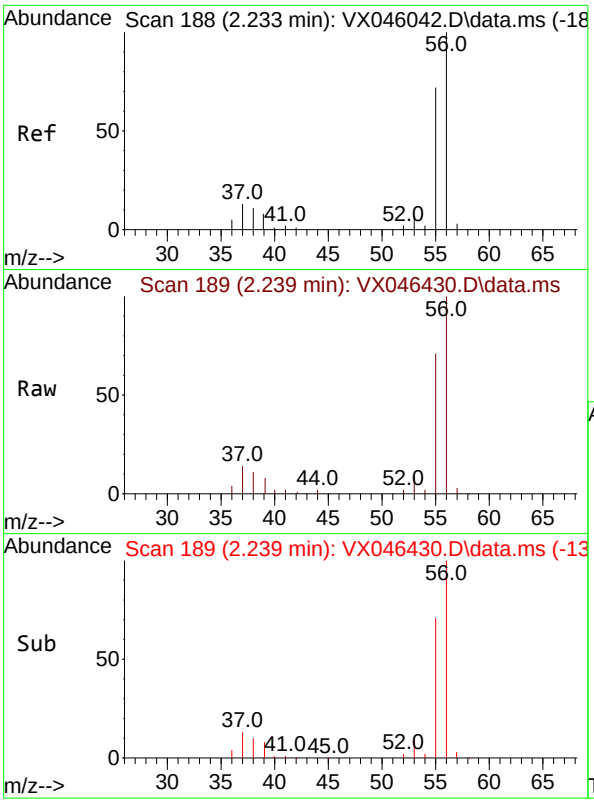


#12
1,1-Dichloroethene
Concen: 53.968 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 96 Resp: 48375

Ion	Ratio	Lower	Upper
96	100		
61	181.3	146.2	219.2
98	62.2	51.0	76.6



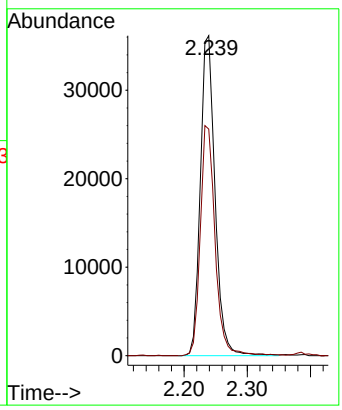


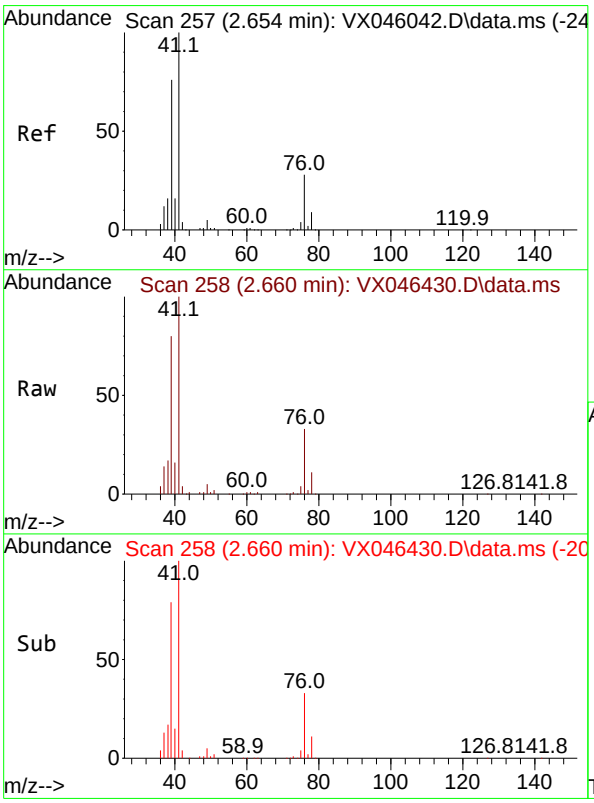
#13
Acrolein
Concen: 260.135 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 56 Resp: 58607

Ion	Ratio	Lower	Upper
56	100		
55	72.5	56.2	84.4

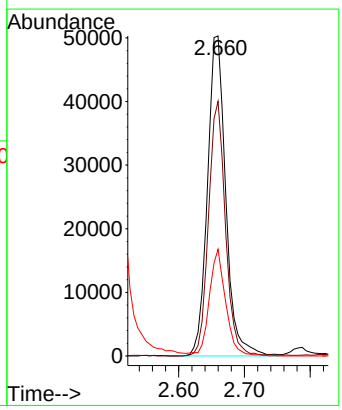


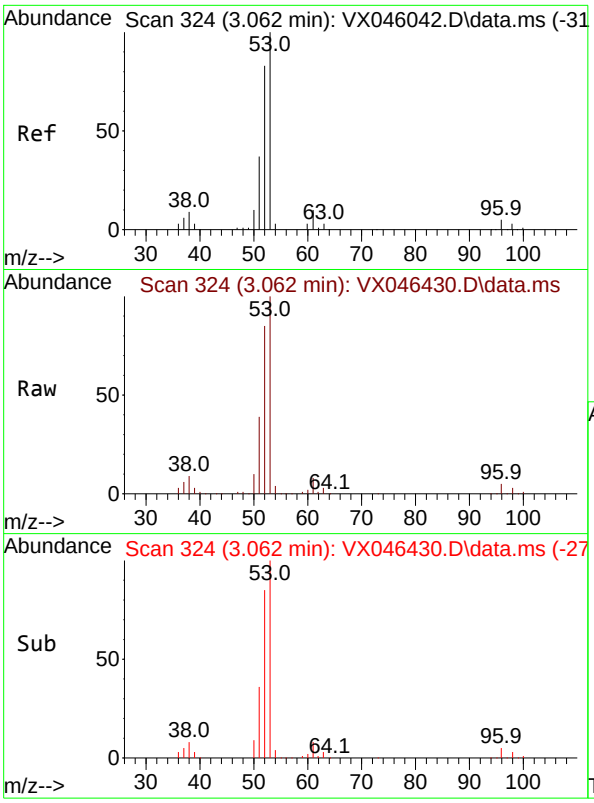


#14
Allyl chloride
Concen: 57.048 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 41 Resp: 97730

Ion	Ratio	Lower	Upper
41	100		
39	73.7	60.6	90.8
76	29.7	24.9	37.3



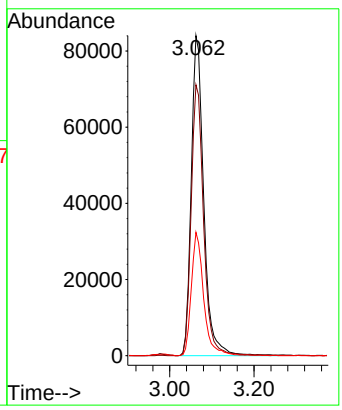


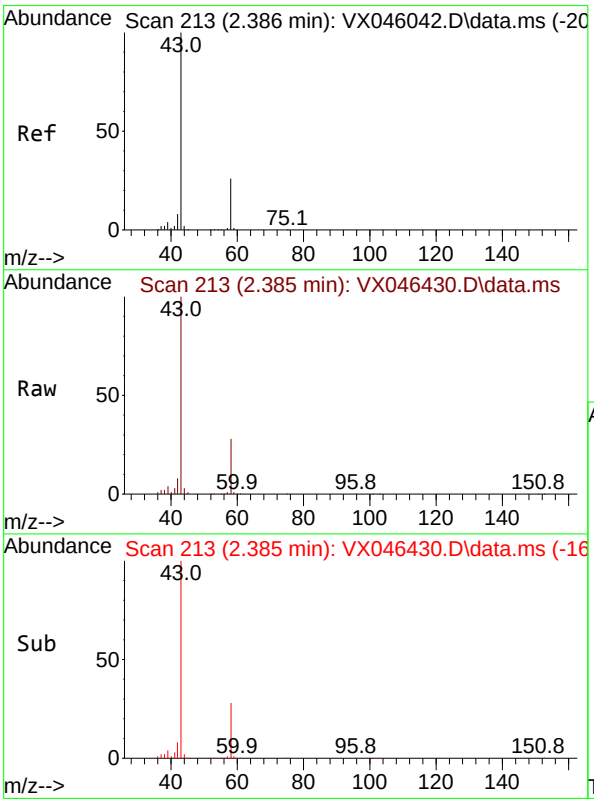
#15
Acrylonitrile
Concen: 306.388 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 53 Resp: 173316

Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.3	97.9
51	38.2	29.8	44.8

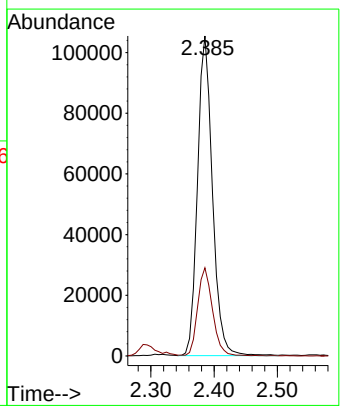


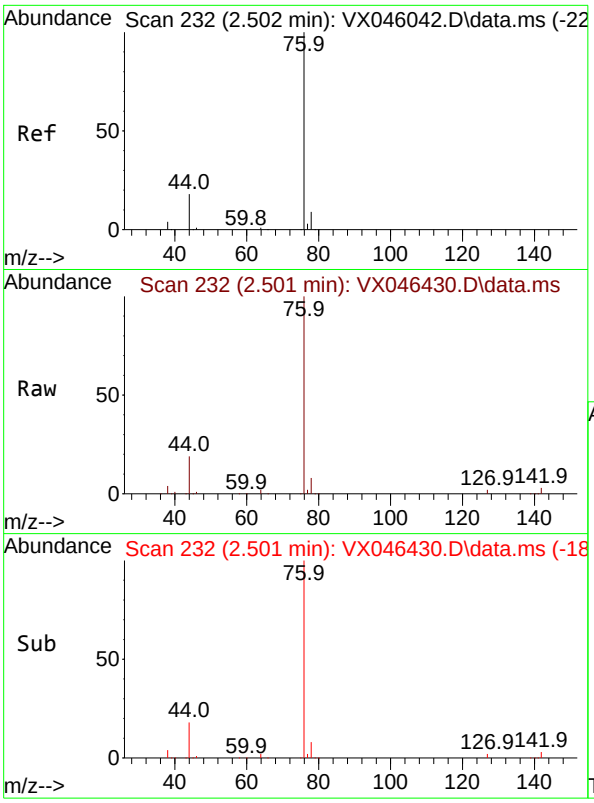


#16
Acetone
Concen: 306.700 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 173309

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8



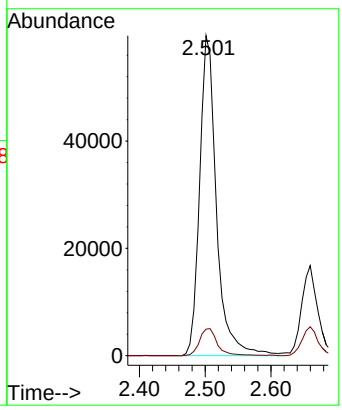


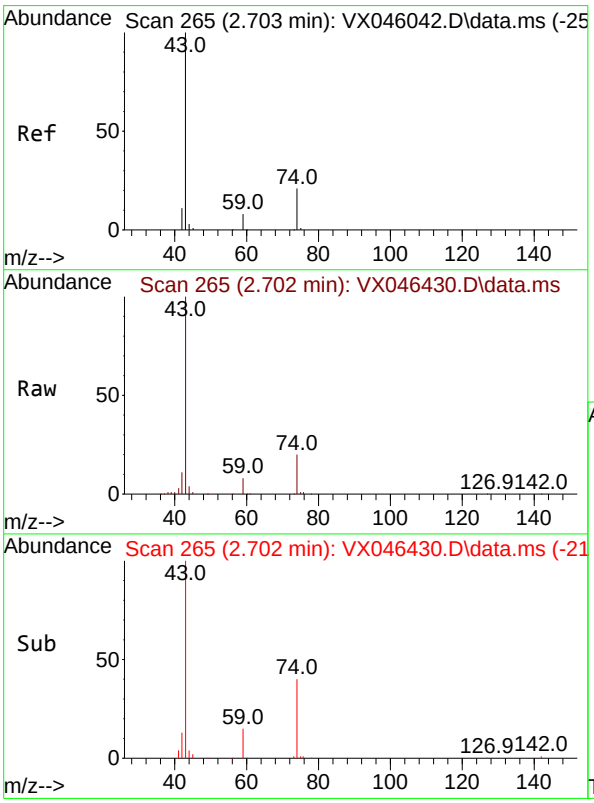
#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 76 Resp: 106201

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

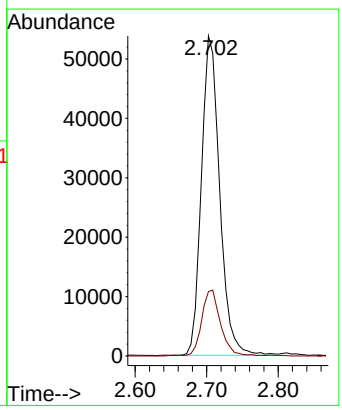


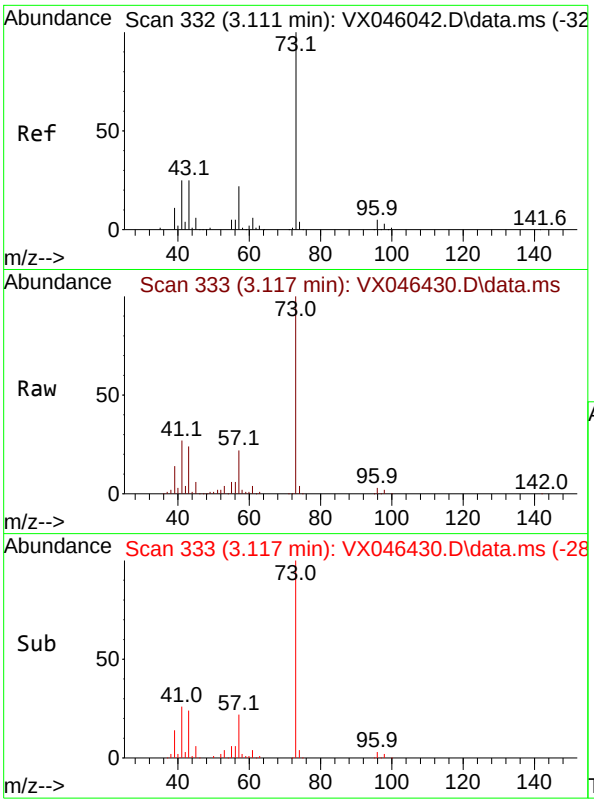


#18
Methyl Acetate
Concen: 72.928 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 95629

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1



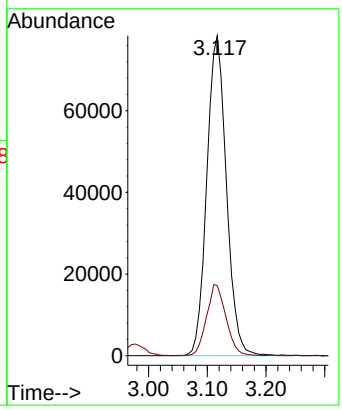


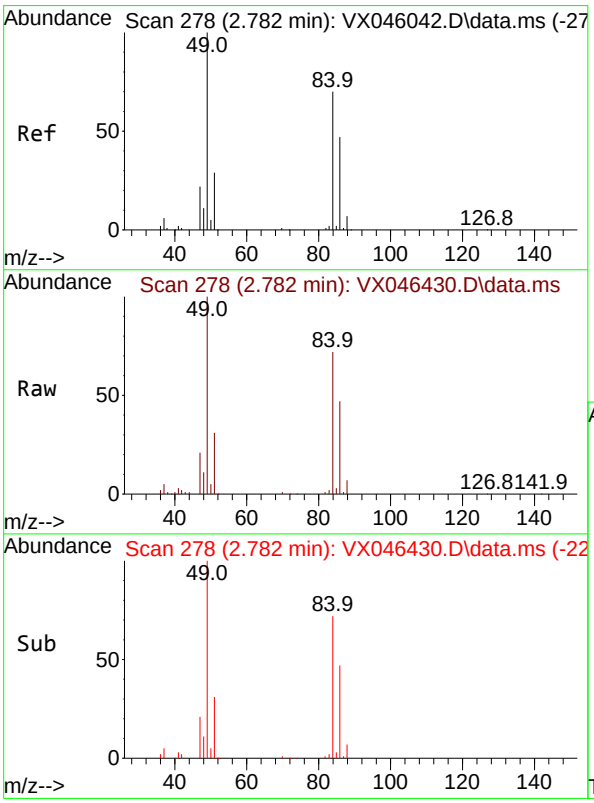
#19
Methyl tert-butyl Ether
Concen: 57.751 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 73 Resp: 181490

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

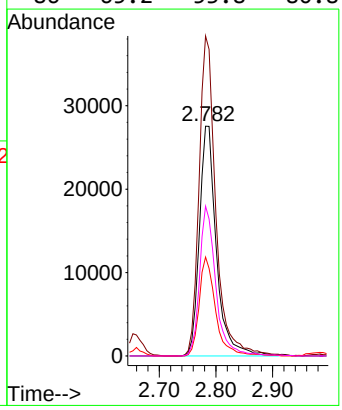


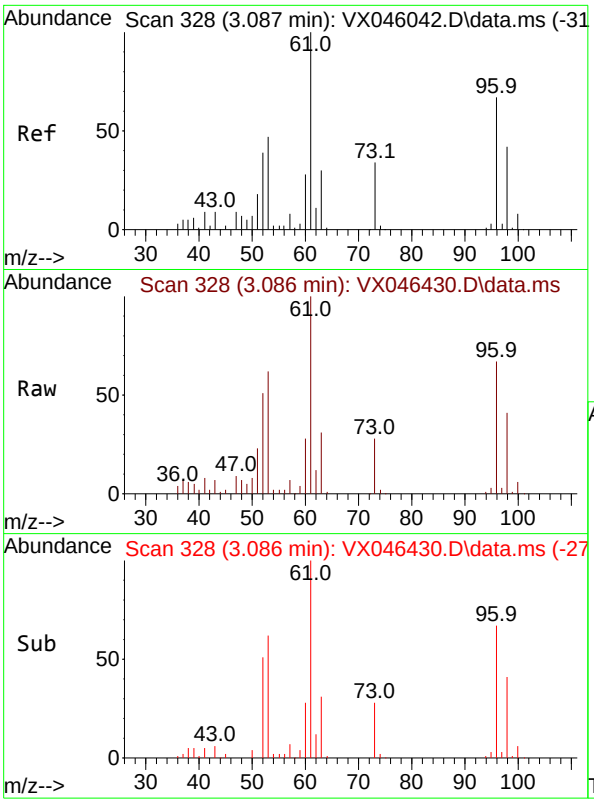


#20
Methylene Chloride
Concen: 53.190 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 84 Resp: 57598

Ion	Ratio	Lower	Upper
84	100		
49	139.3	113.9	170.9
51	43.1	33.5	50.3
86	65.2	53.8	80.8



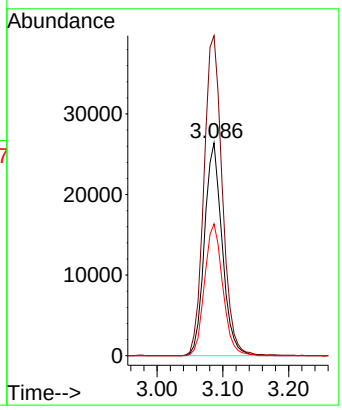


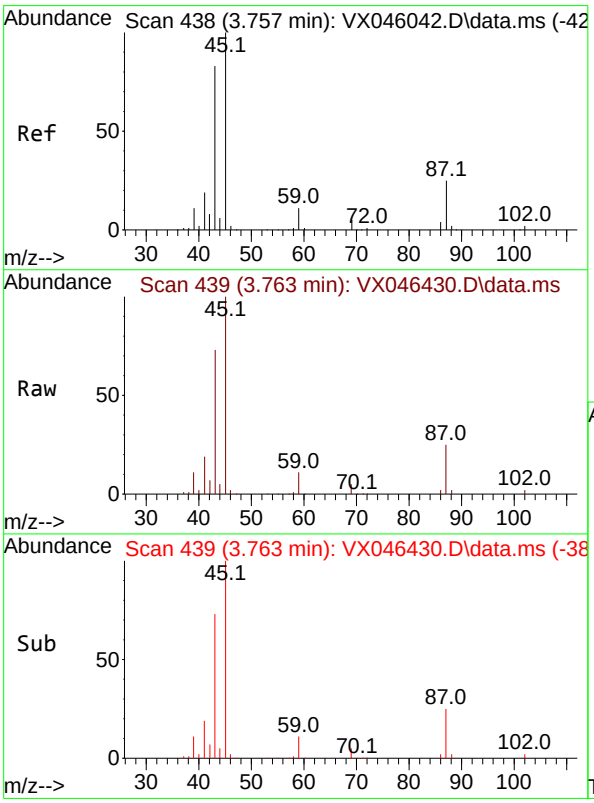
#21
trans-1,2-Dichloroethene
Concen: 54.758 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 96 Resp: 49361

Ion	Ratio	Lower	Upper
96	100		
61	150.4	119.5	179.3
98	61.9	50.0	75.0

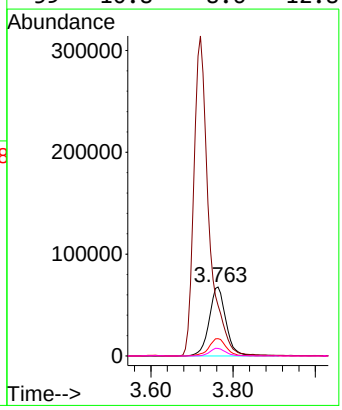


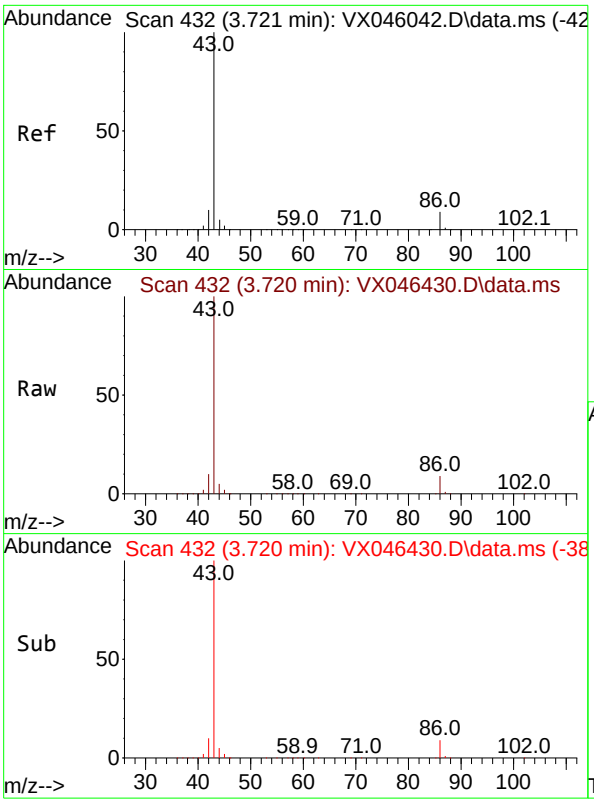


#22
Diisopropyl ether
Concen: 58.251 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 45 Resp: 192761

Ion	Ratio	Lower	Upper
45	100		
43	73.4	66.6	100.0
87	25.1	19.8	29.6
59	10.8	8.6	12.8



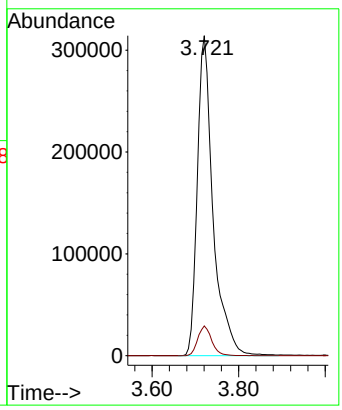


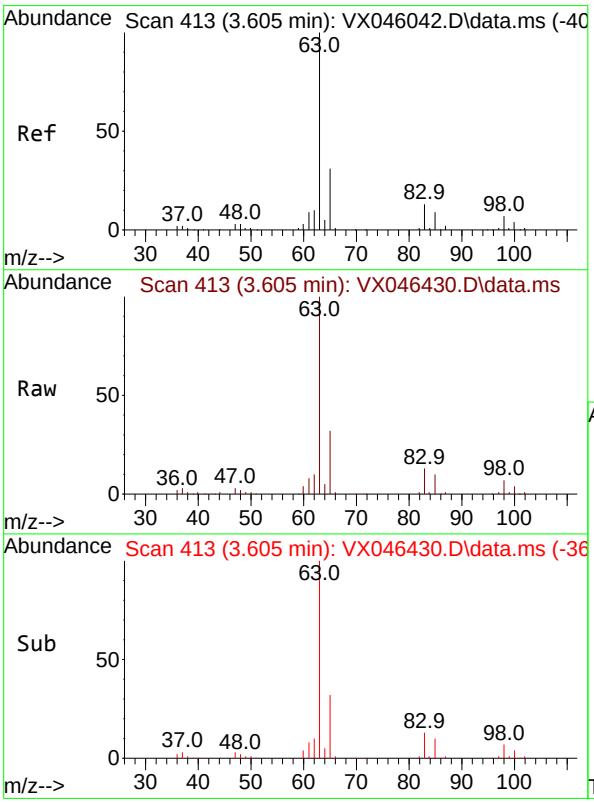
#23
Vinyl Acetate
Concen: 272.844 ug/l
RT: 3.720 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 794115

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

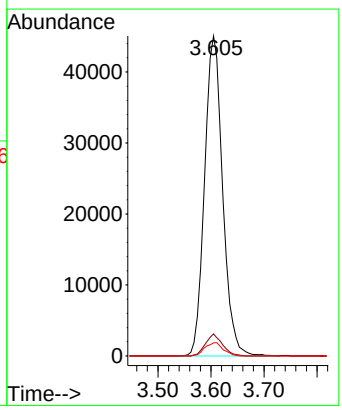


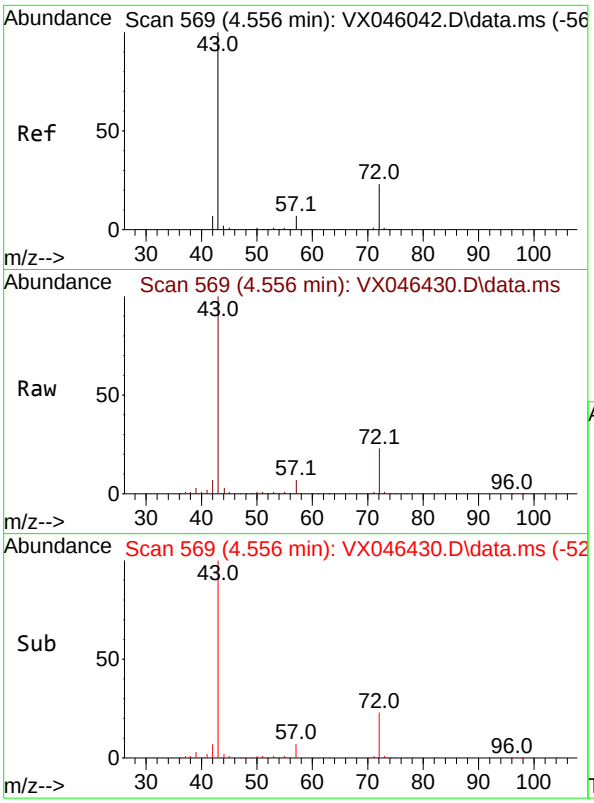


#24
1,1-Dichloroethane
Concen: 57.891 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 63 Resp: 106699

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	4.1	2.1	6.3



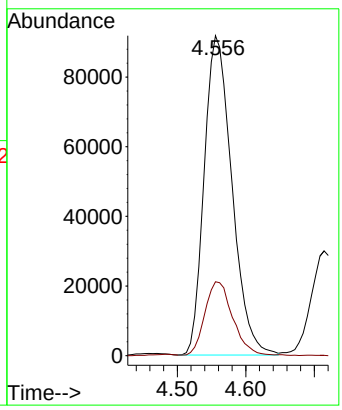


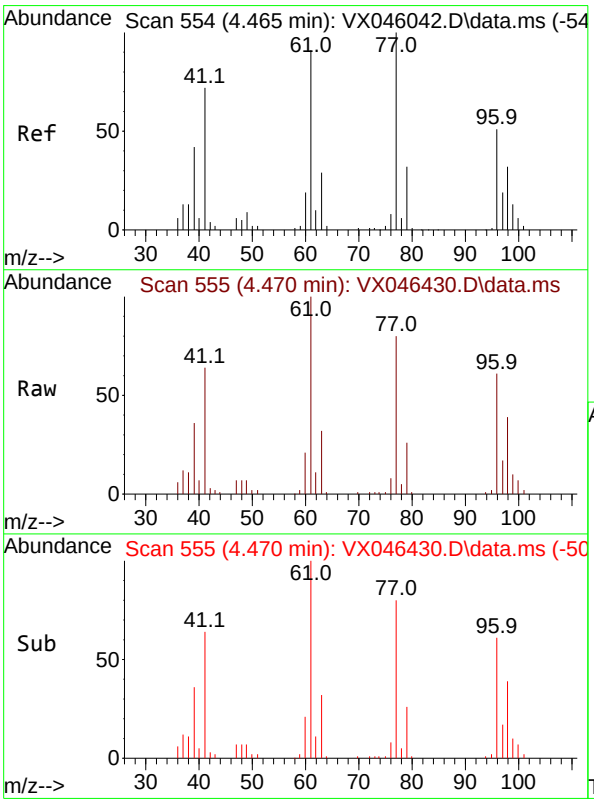
#25
2-Butanone
Concen: 313.979 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 257579

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6

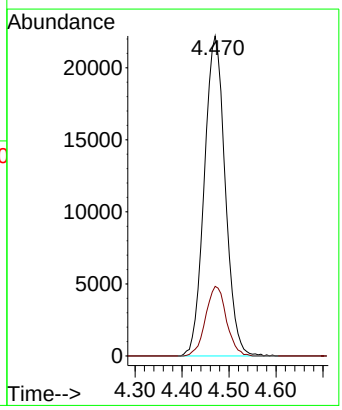


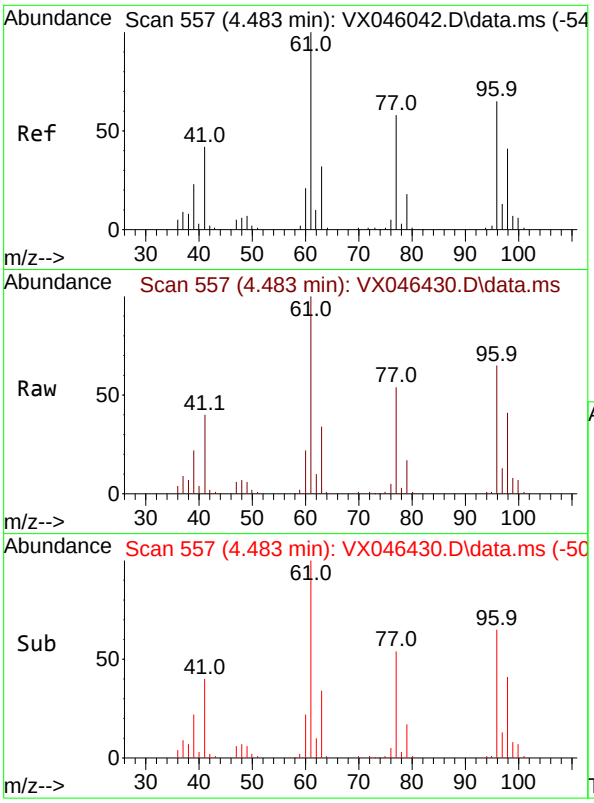


#26
2,2-Dichloropropane
Concen: 47.530 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 77 Resp: 68568

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5



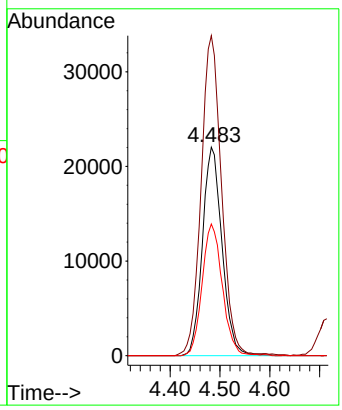


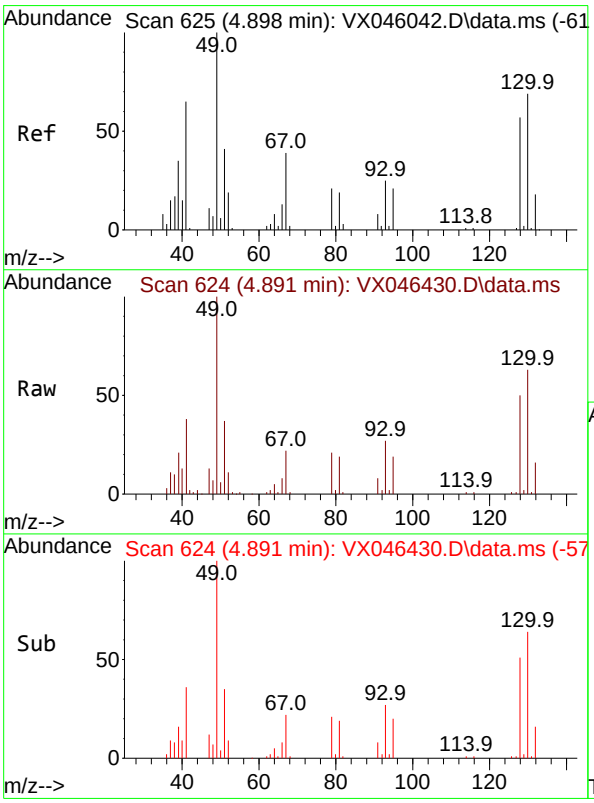
#27
cis-1,2-Dichloroethene
Concen: 55.407 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 96 Resp: 60126

Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	322.8
98	64.8	0.0	129.0

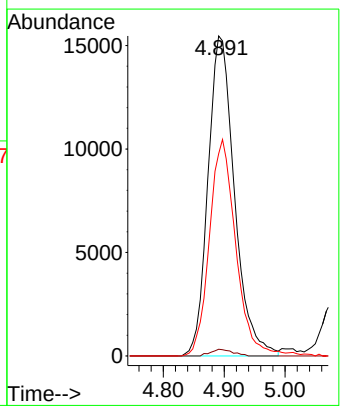


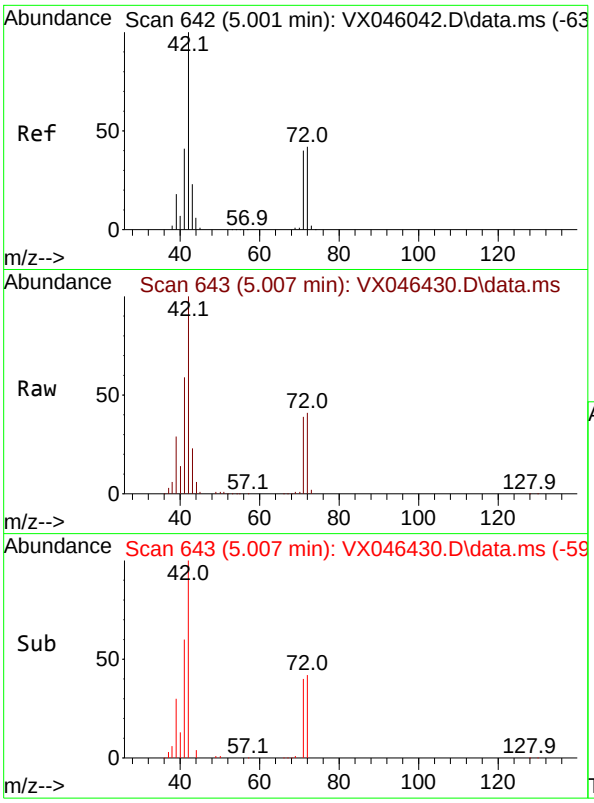


#28
Bromochloromethane
Concen: 52.669 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 49 Resp: 46727

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	67.6	56.2	84.2



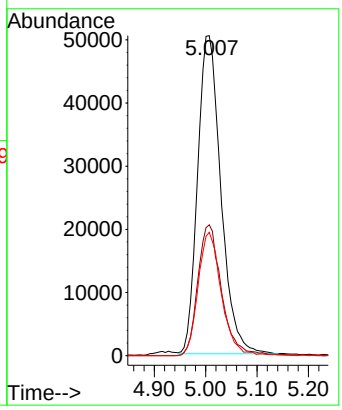


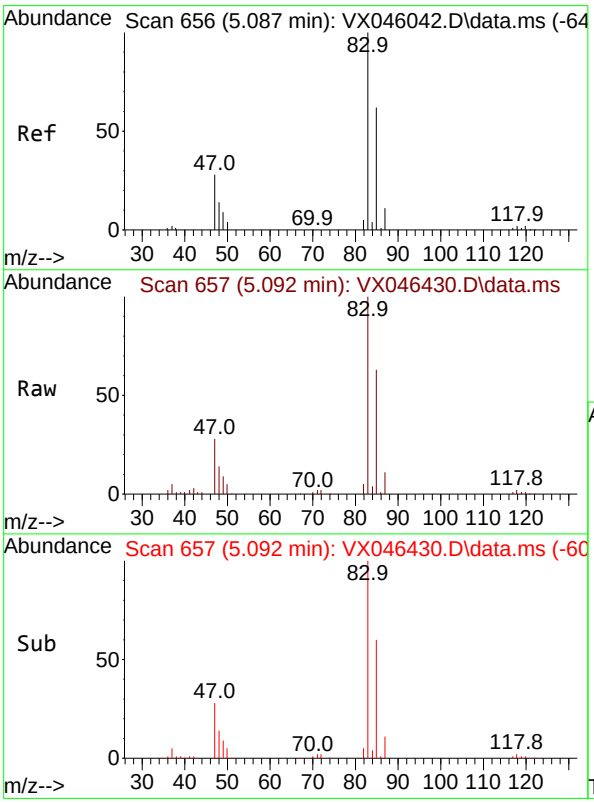
#29
Tetrahydrofuran
Concen: 308.625 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 42 Resp: 158653

Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.7	50.5
71	38.9	31.4	47.2

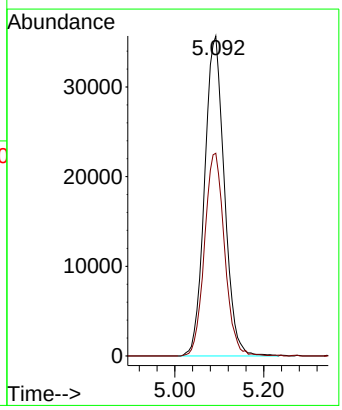


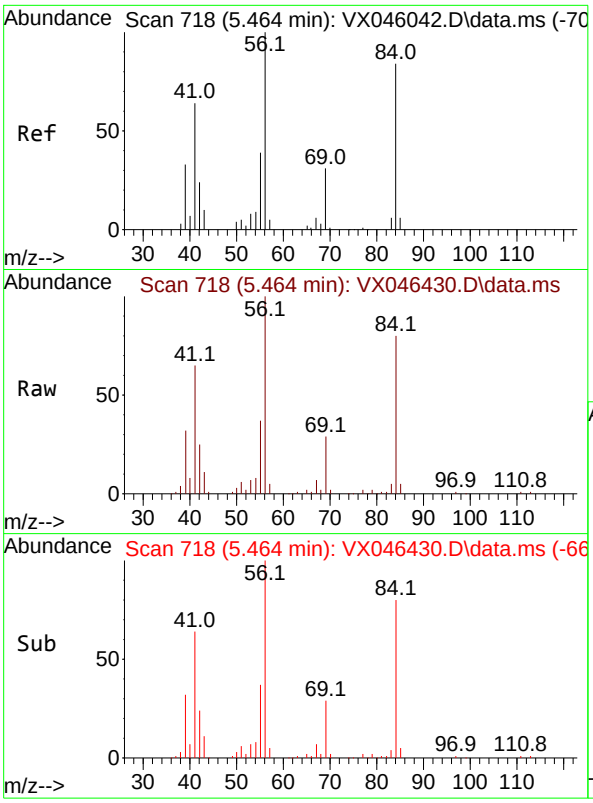


#30
Chloroform
Concen: 57.353 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 83 Resp: 110181

Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.3	73.9



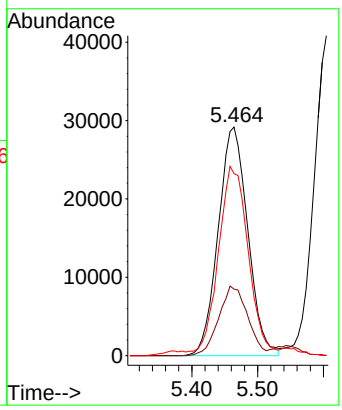


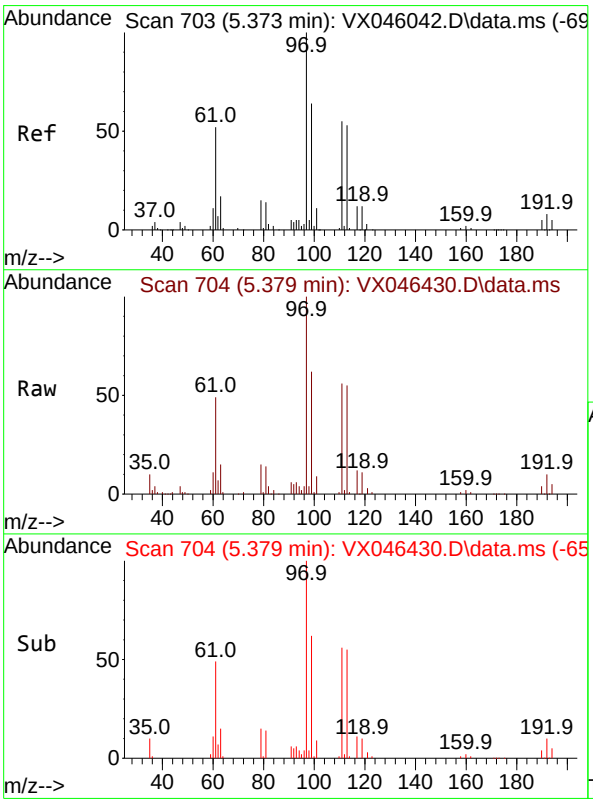
#31
Cyclohexane
Concen: 54.352 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 56 Resp: 91288

Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.4	36.6
84	78.0	66.9	100.3

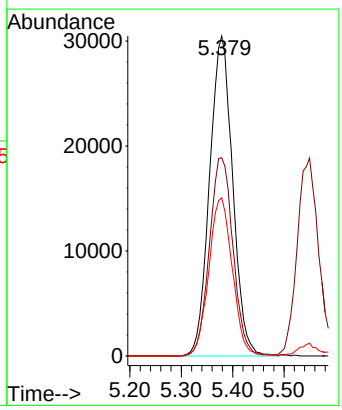


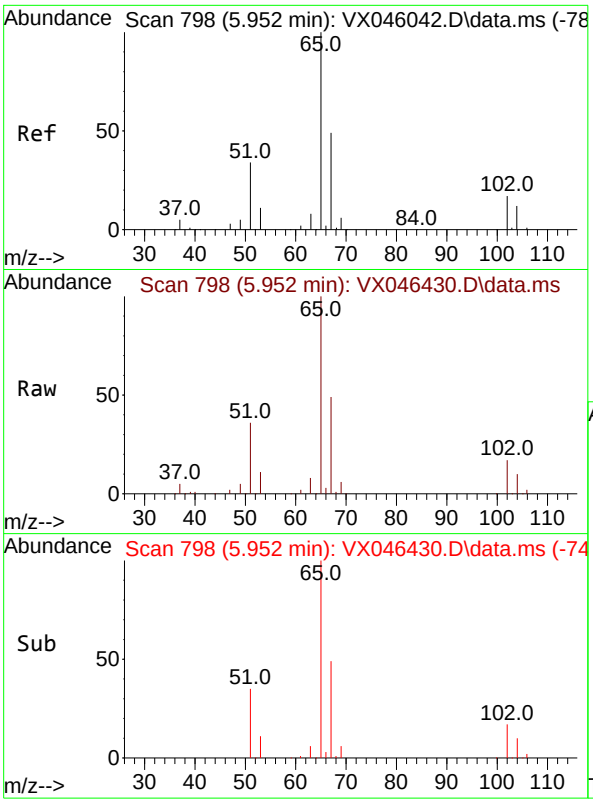


#32
1,1,1-Trichloroethane
Concen: 57.076 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 97 Resp: 95050

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	50.5	40.1	60.1



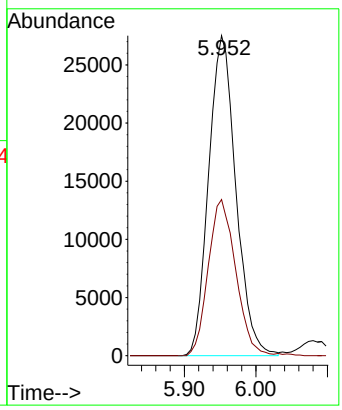


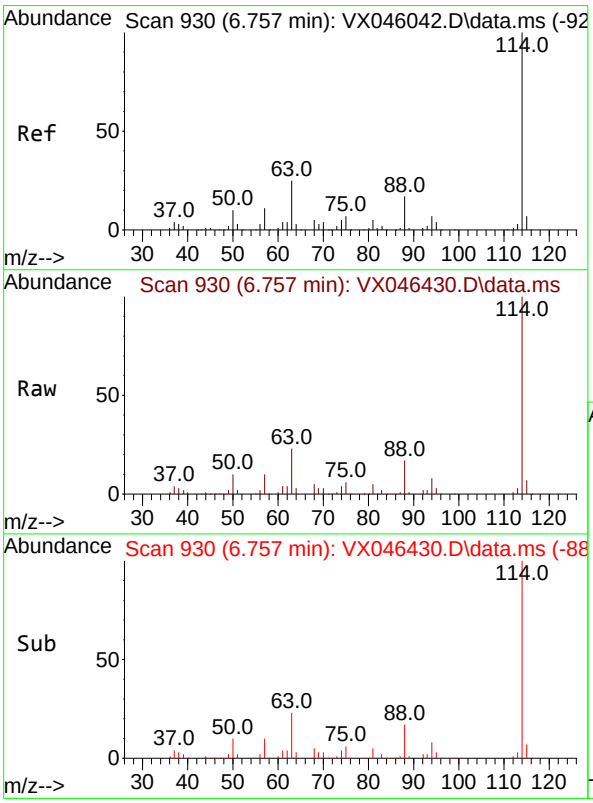
#33
1,2-Dichloroethane-d4
Concen: 51.683 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 65 Resp: 72838

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0

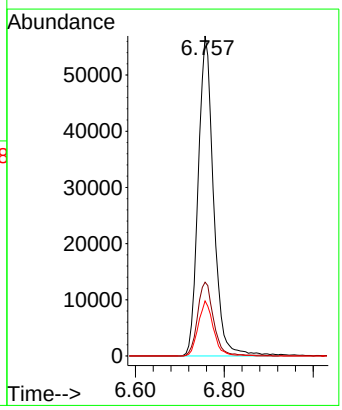


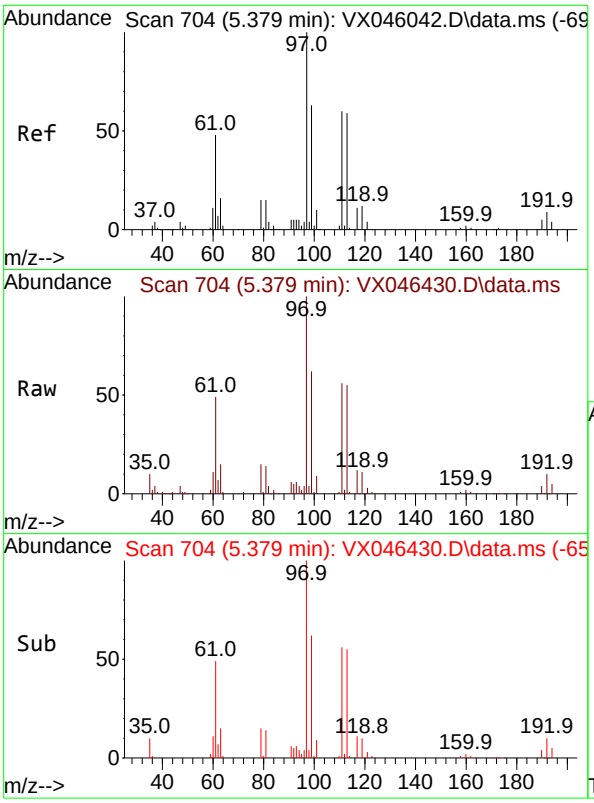


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:114 Resp: 137177

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	49.2
88	17.2	0.0	33.6



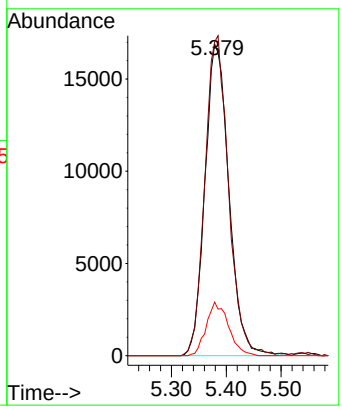


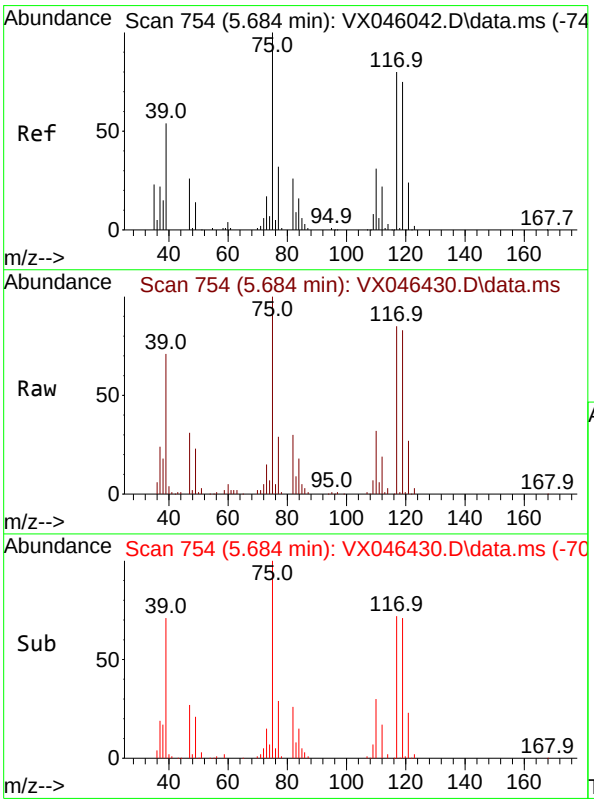
#35
Dibromofluoromethane
Concen: 51.880 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:113 Resp: 51248

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.1	124.7
192	16.0	13.3	19.9

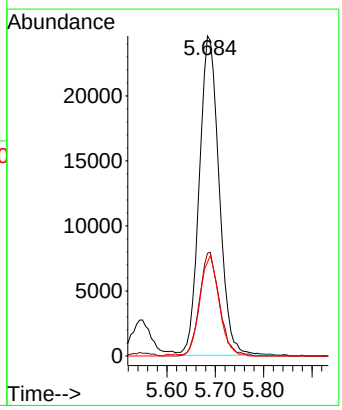


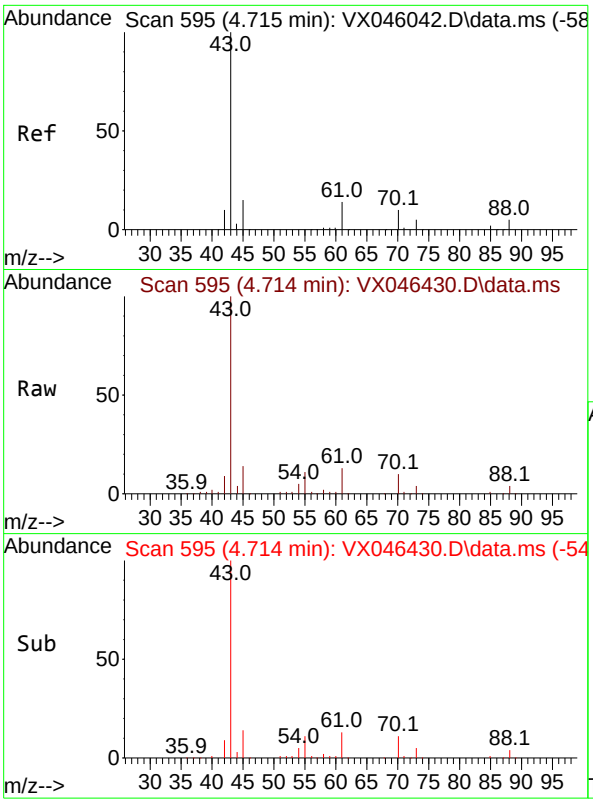


#36
1,1-Dichloropropene
Concen: 52.638 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 69863

Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.3	48.9
77	30.7	24.3	36.5



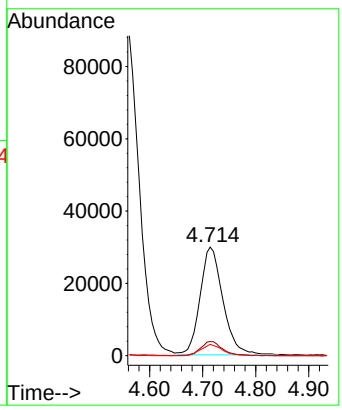


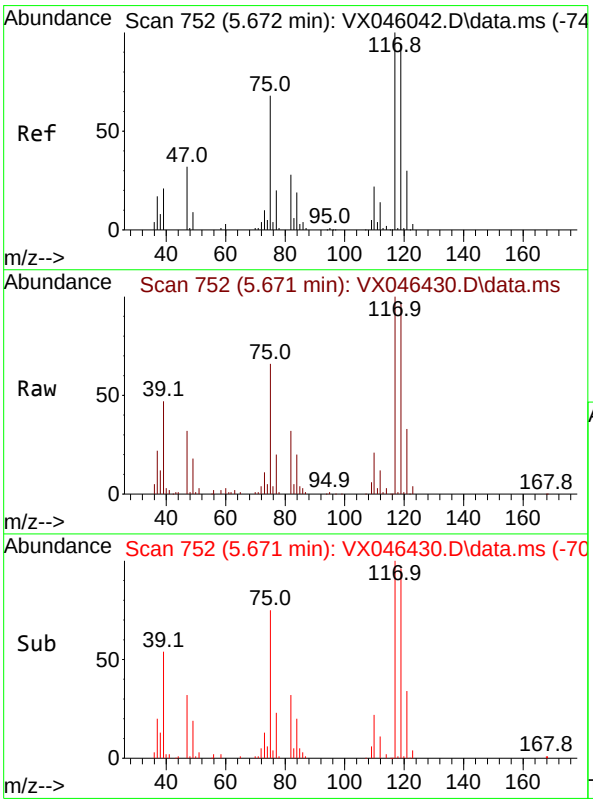
#37
Ethyl Acetate
Concen: 54.406 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 89214

Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	9.8	7.9	11.9

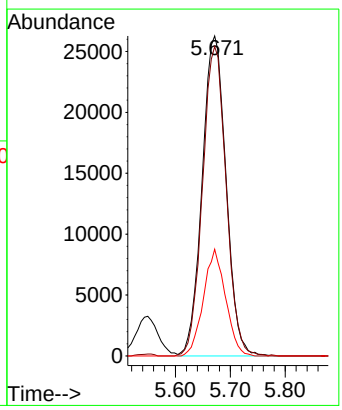


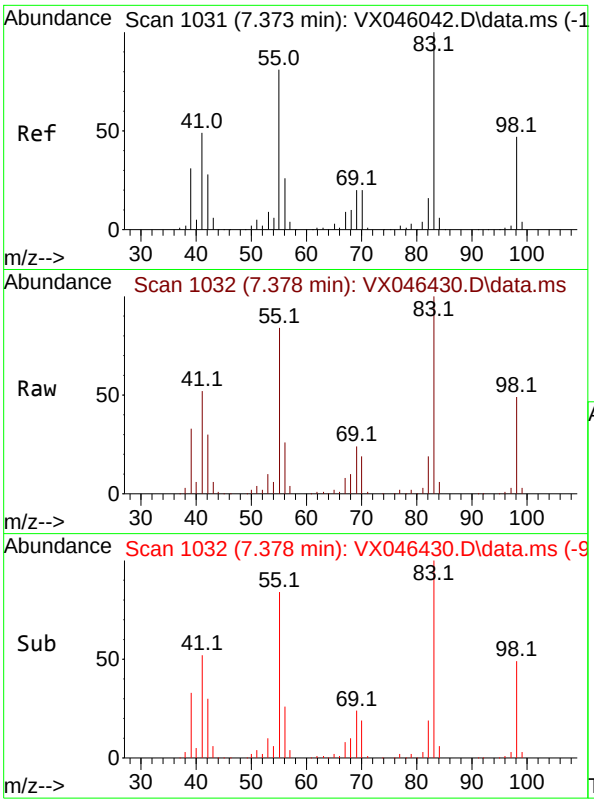


#38
Carbon Tetrachloride
Concen: 53.339 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:117 Resp: 79543

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	33.3	24.2	36.4



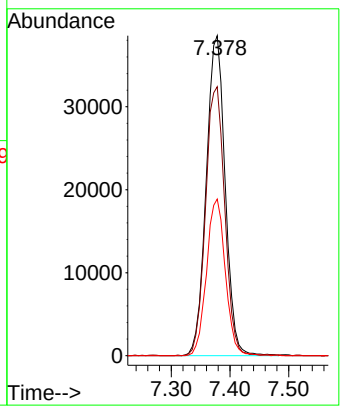


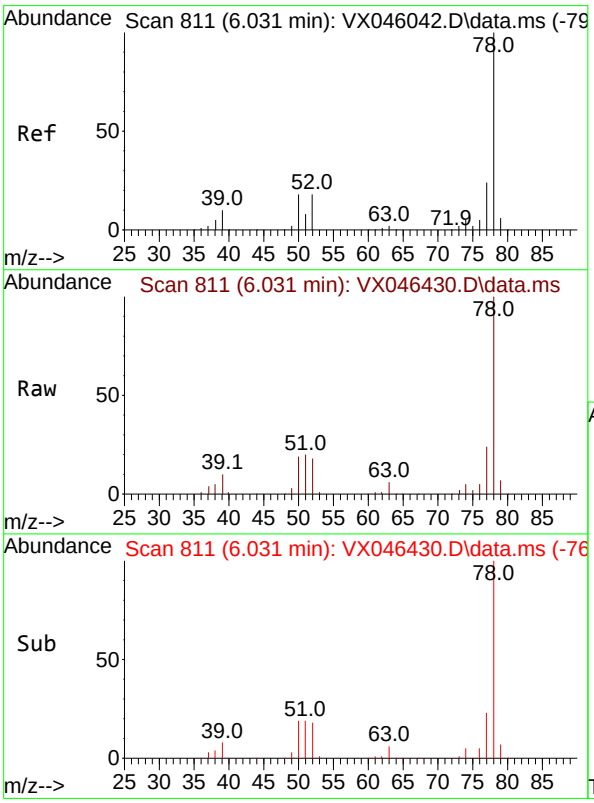
#39
Methylcyclohexane
Concen: 50.548 ug/l
RT: 7.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 83 Resp: 86371

Ion	Ratio	Lower	Upper
83	100		
55	83.9	64.7	97.1
98	48.9	37.4	56.2

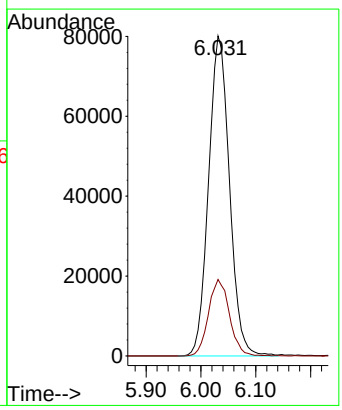


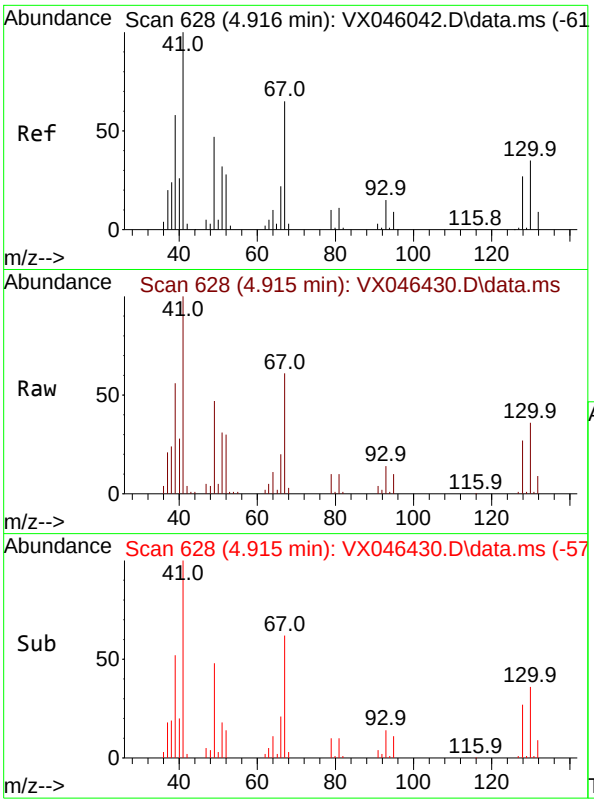


#40
Benzene
Concen: 54.523 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 78 Resp: 211962

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4



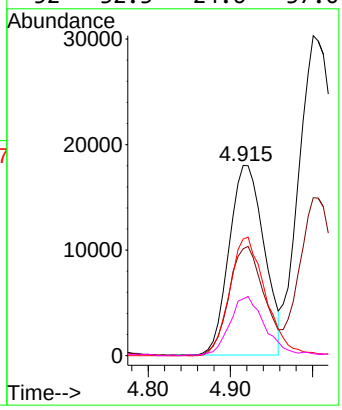


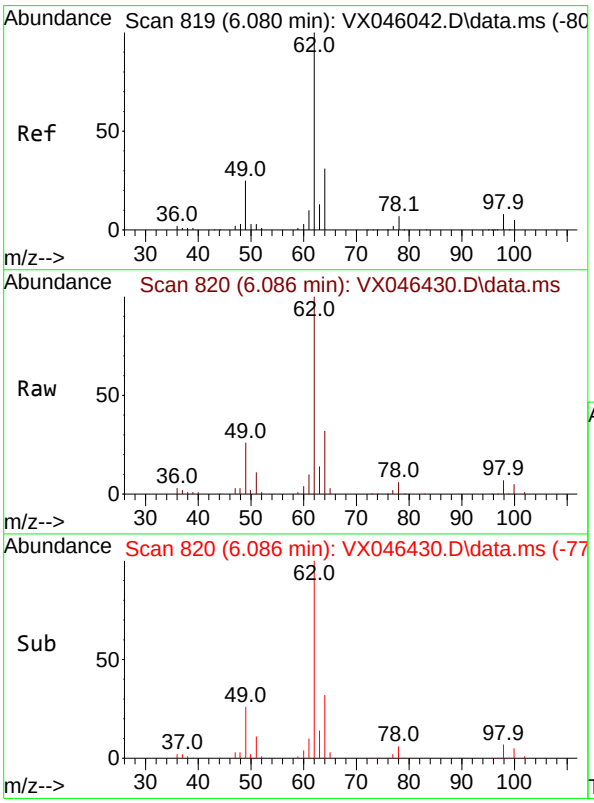
#41
Methacrylonitrile
Concen: 62.048 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 41 Resp: 53225

Ion	Ratio	Lower	Upper
41	100		
39	57.4	47.2	70.8
67	64.7	50.7	76.1
52	32.3	24.6	37.0

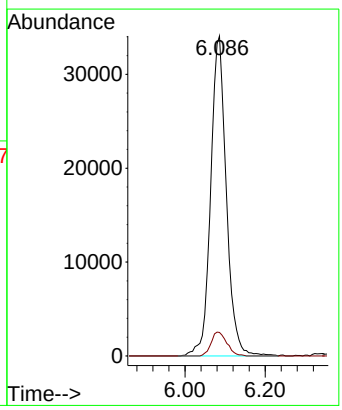


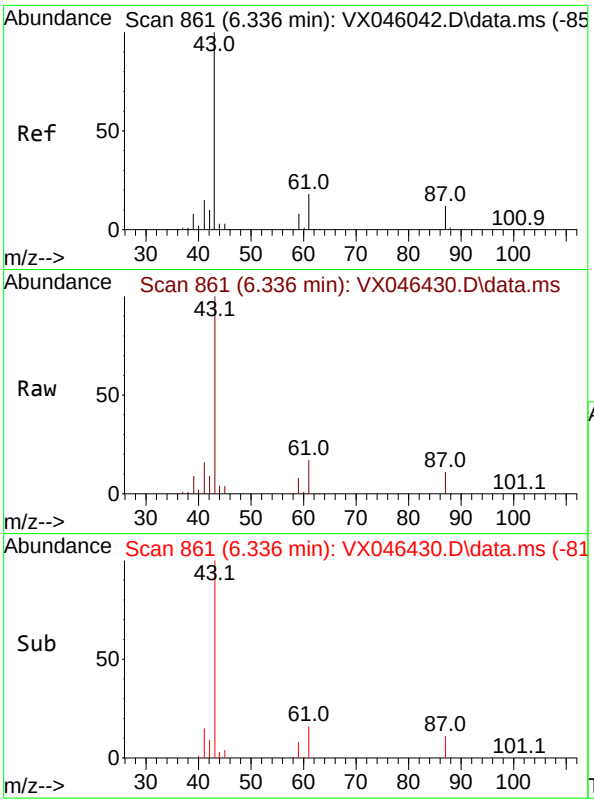


#42
1,2-Dichloroethane
Concen: 54.982 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 62 Resp: 92252

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.2



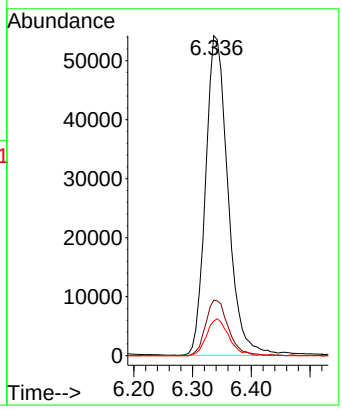


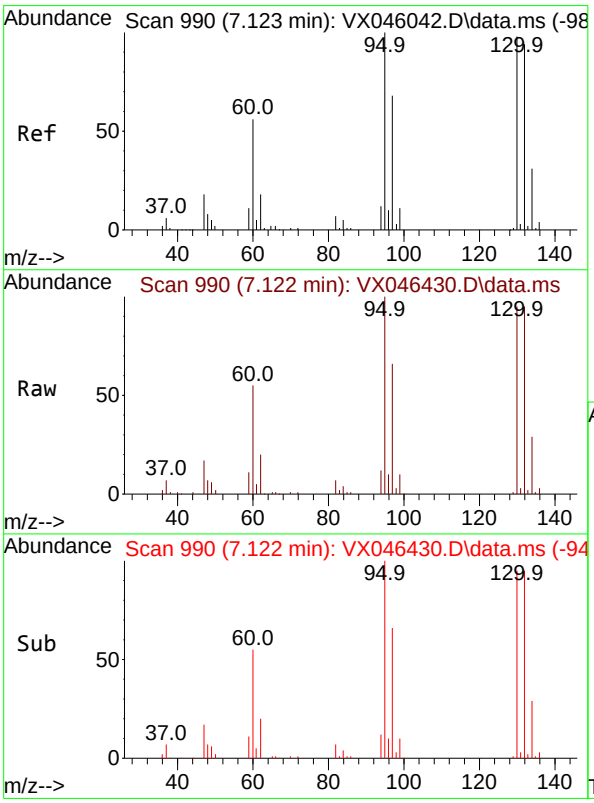
#43
Isopropyl Acetate
Concen: 57.401 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 143596

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.3	21.5
87	11.4	9.5	14.3

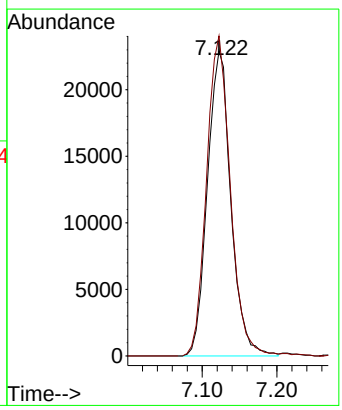


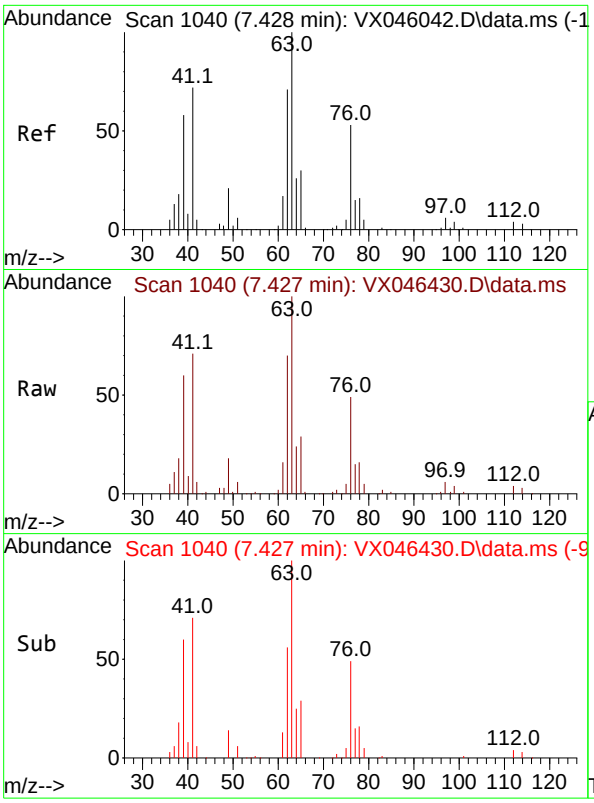


#44
Trichloroethene
Concen: 53.538 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:130 Resp: 50094

Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	204.2



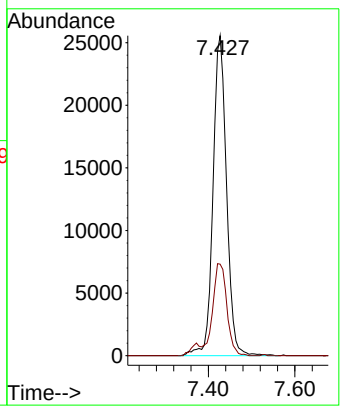


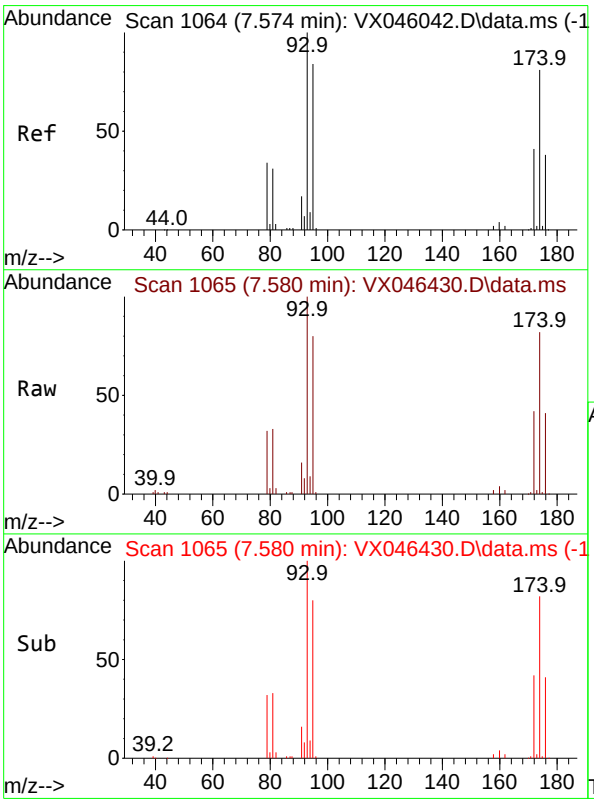
#45
1,2-Dichloropropane
Concen: 57.413 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 63 Resp: 55500

Ion	Ratio	Lower	Upper
63	100		
65	28.6	24.1	36.1

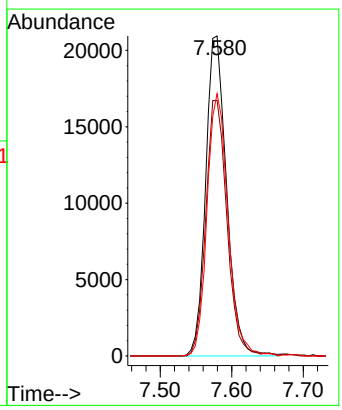


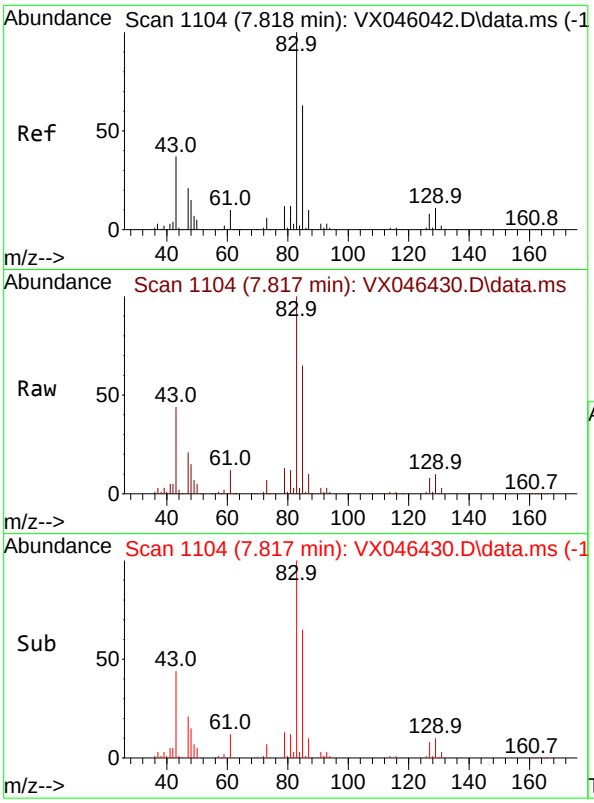


#46
Dibromomethane
Concen: 55.704 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 93 Resp: 42470

Ion	Ratio	Lower	Upper
93	100		
95	81.1	65.6	98.4
174	82.3	68.2	102.2



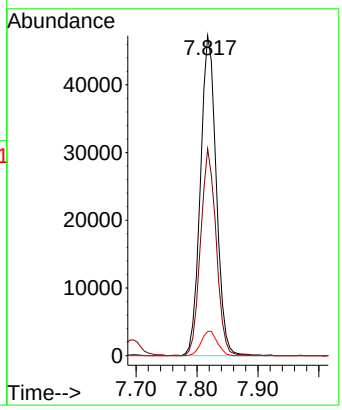


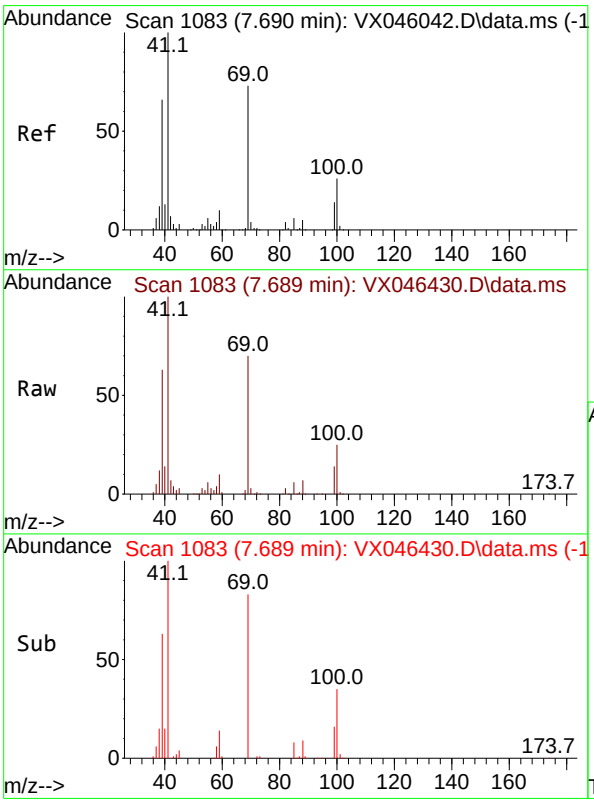
#47
Bromodichloromethane
Concen: 56.966 ug/l
RT: 7.817 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 83 Resp: 85543

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.5	75.7
127	7.5	6.5	9.7

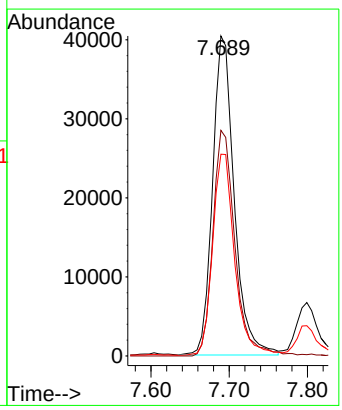


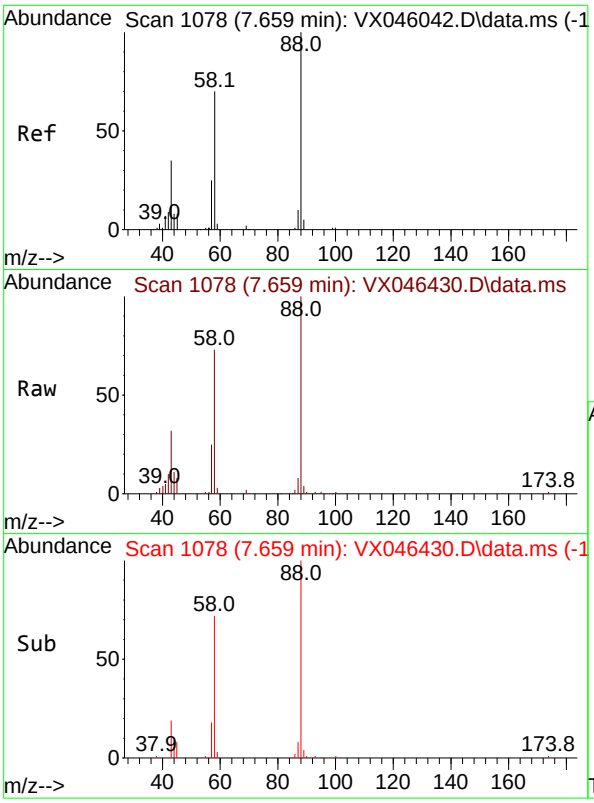


#48
Methyl methacrylate
Concen: 60.693 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 41 Resp: 77541

Ion	Ratio	Lower	Upper
41	100		
69	72.1	58.5	87.7
39	64.1	51.7	77.5



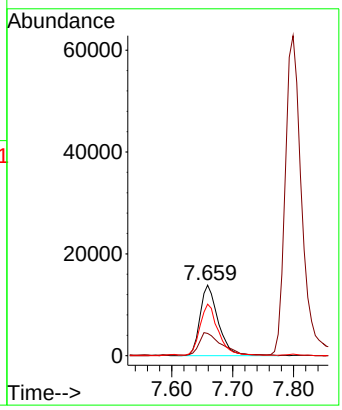


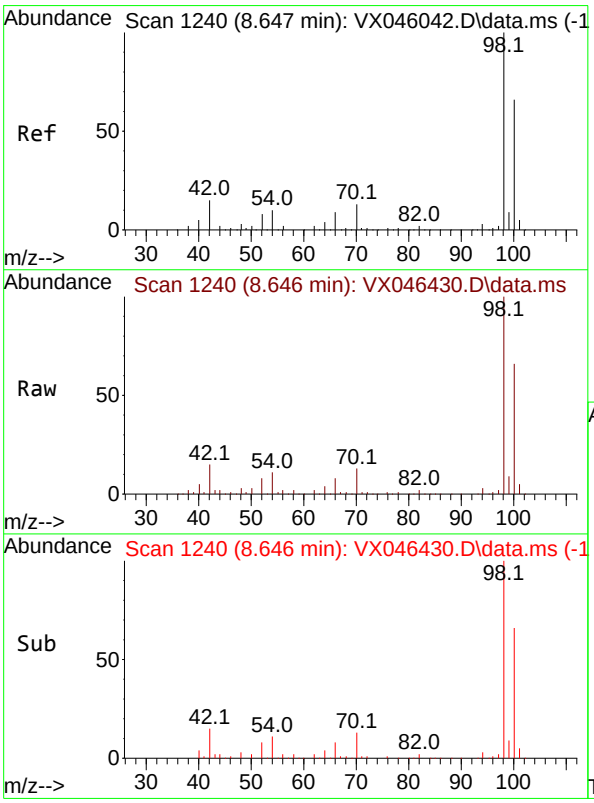
#49
1,4-Dioxane
Concen: 1178.909 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 88 Resp: 28598

Ion	Ratio	Lower	Upper
88	100		
43	39.1	33.4	50.2
58	74.6	58.6	88.0

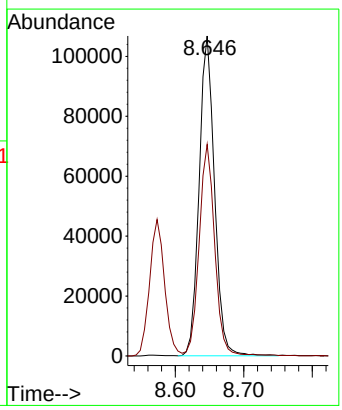


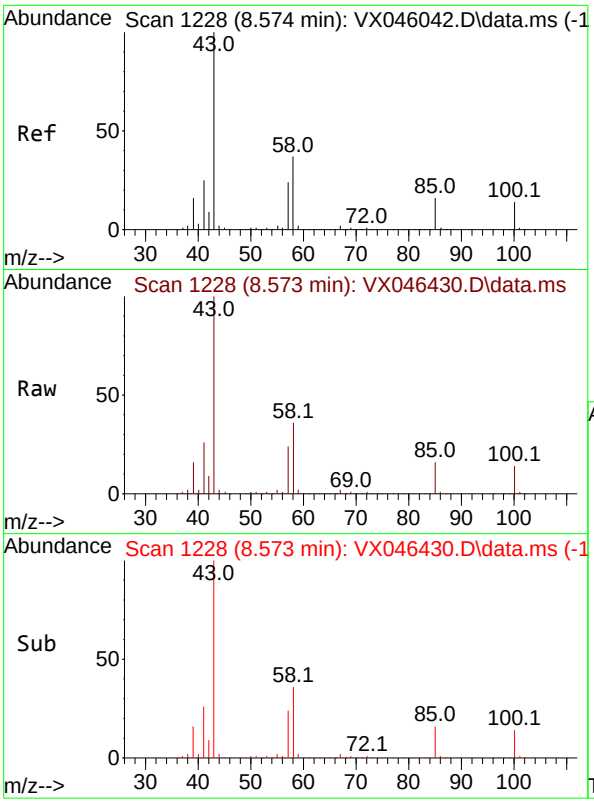


#50
Toluene-d8
Concen: 48.818 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 98 Resp: 166906

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.5	80.3



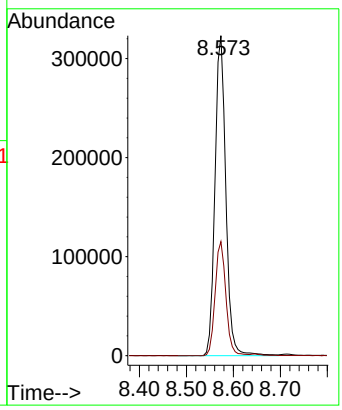


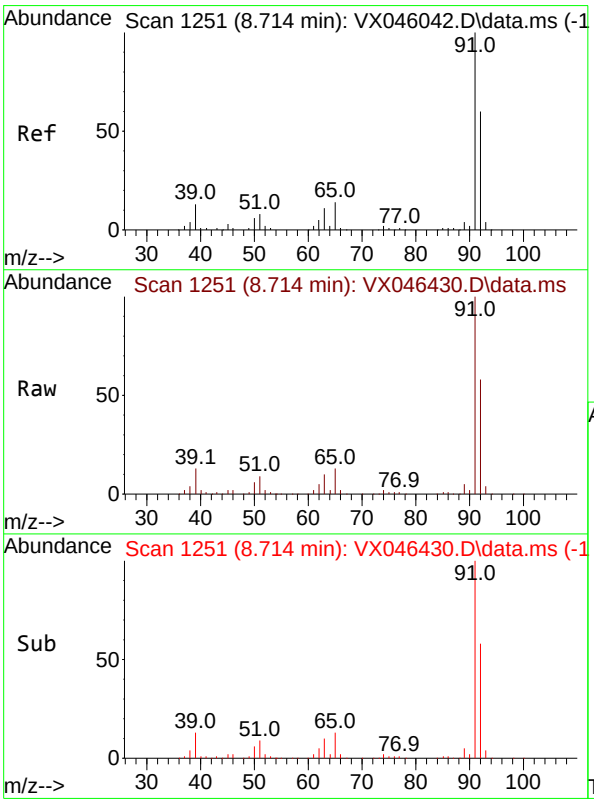
#51
4-Methyl-2-Pentanone
Concen: 311.483 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 517228

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.9	43.3

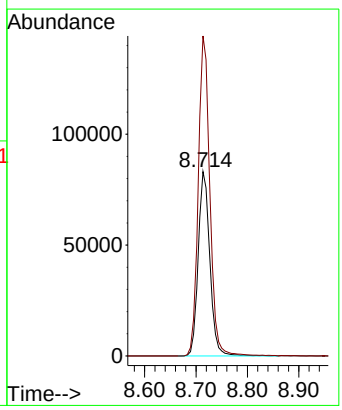


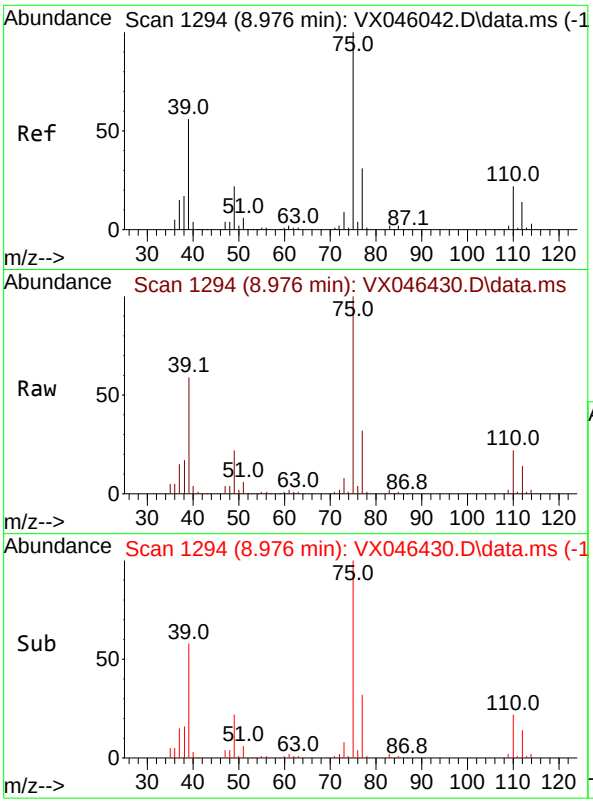


#52
Toluene
Concen: 54.913 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 92 Resp: 130901

Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.6	205.0



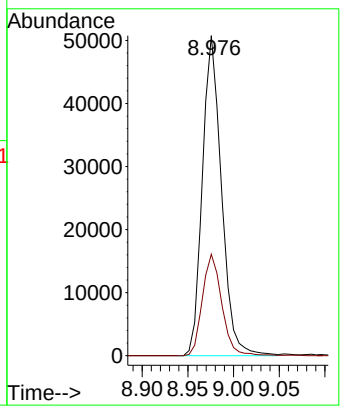


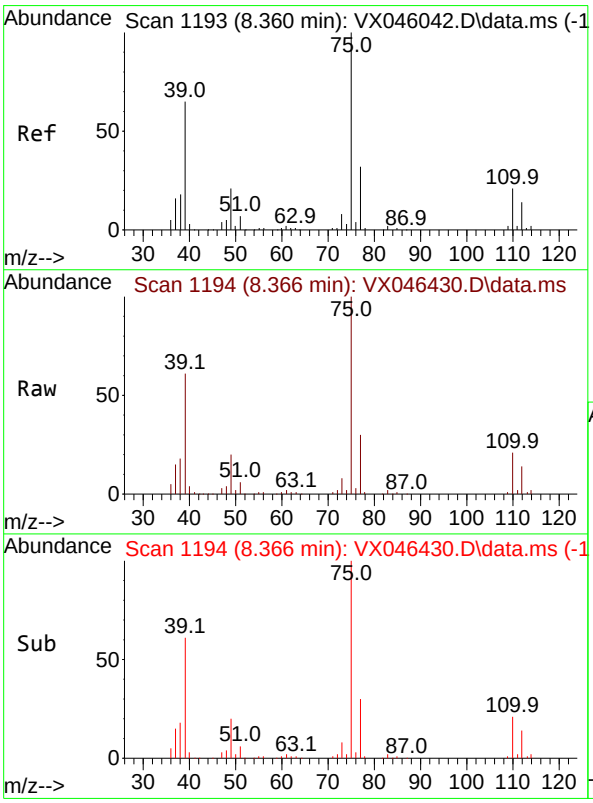
#53
t-1,3-Dichloropropene
Concen: 55.246 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 75 Resp: 73739

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6

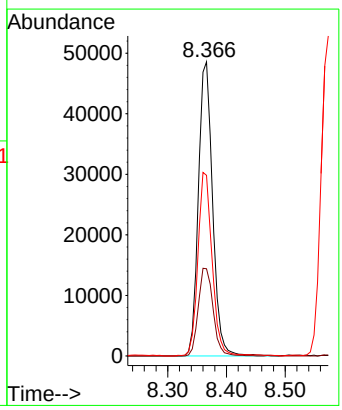


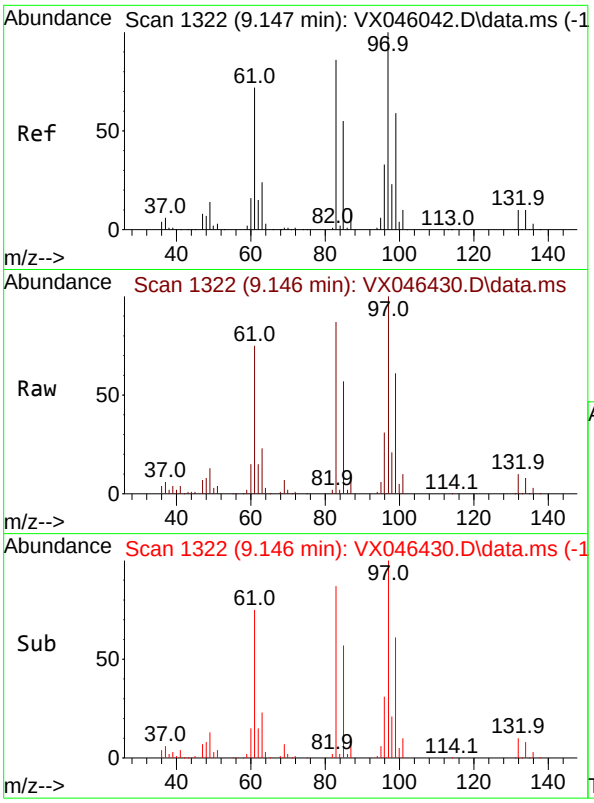


#54
cis-1,3-Dichloropropene
Concen: 55.348 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 81651

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.0
39	61.3	52.2	78.4



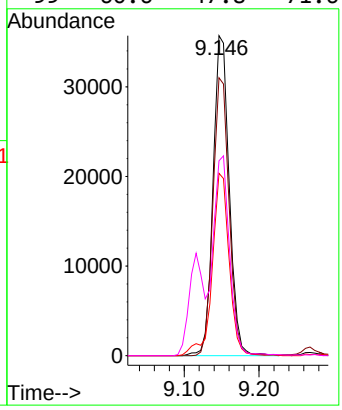


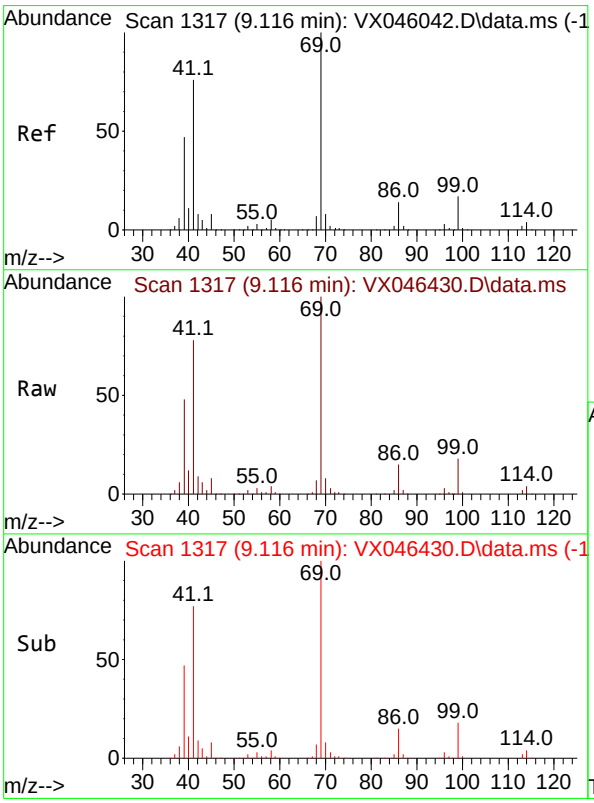
#55
1,1,2-Trichloroethane
Concen: 56.832 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 97 Resp: 53419

Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.0	103.6
85	57.0	44.3	66.5
99	60.6	47.8	71.6

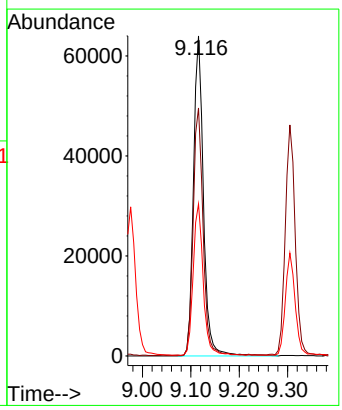


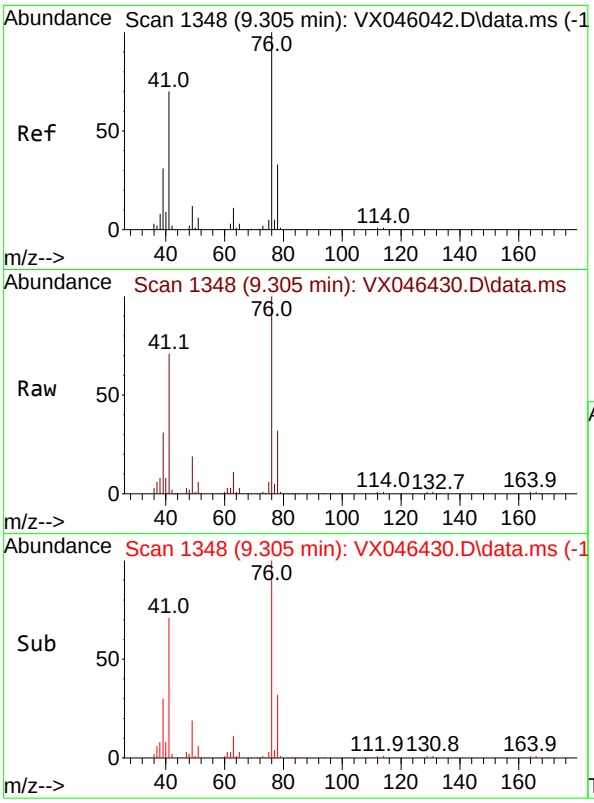


#56
Ethyl methacrylate
Concen: 61.076 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 69 Resp: 91496

Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.8	91.2
39	47.8	39.0	58.6



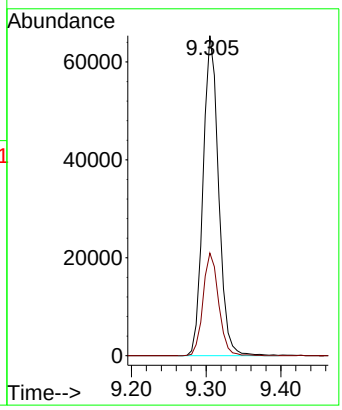


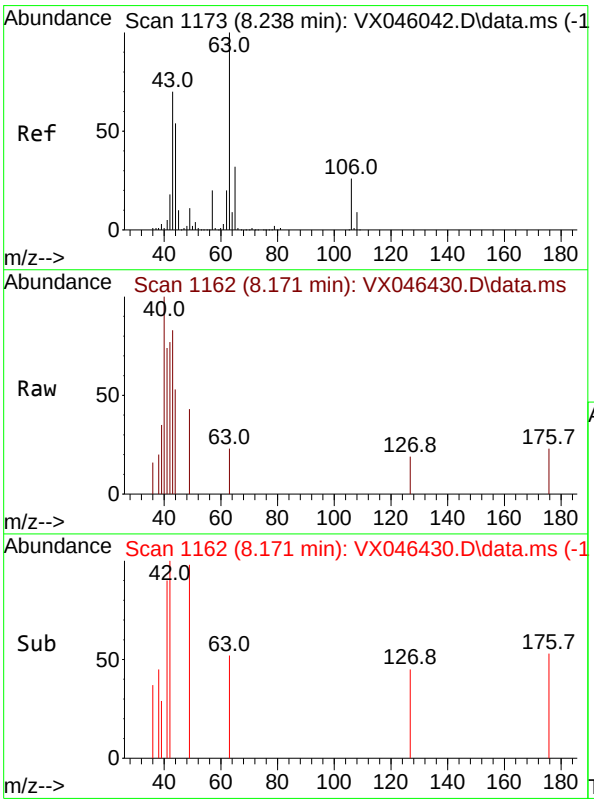
#57
1,3-Dichloropropane
Concen: 55.802 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 76 Resp: 94198

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

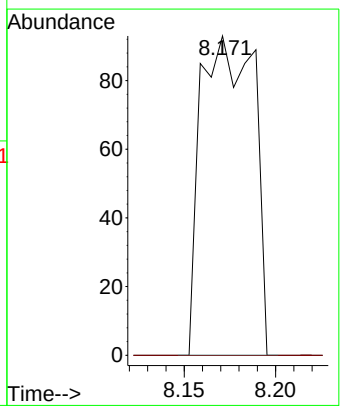


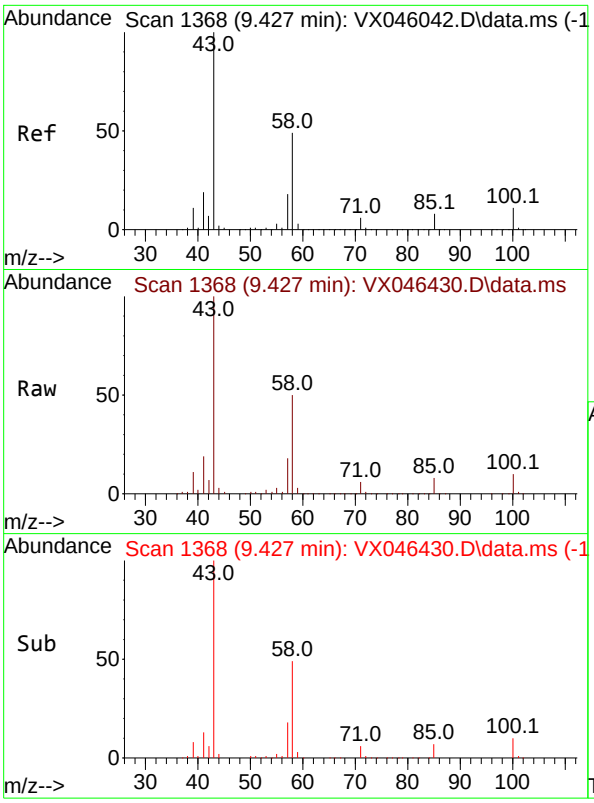


#58
2-Chloroethyl Vinyl ether
Concen: 0.245 ug/l
RT: 8.171 min Scan# 1162
Delta R.T. -0.067 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 63 Resp: 187

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.5	32.3#



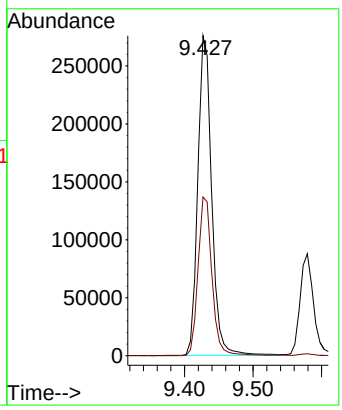


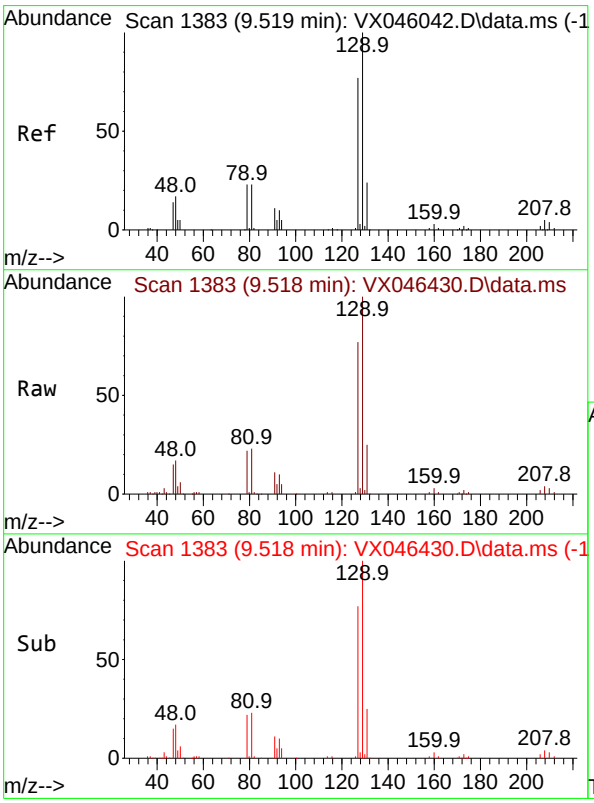
#59
2-Hexanone
Concen: 316.589 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 43 Resp: 388936

Ion	Ratio	Lower	Upper
43	100		
58	49.8	24.9	74.6

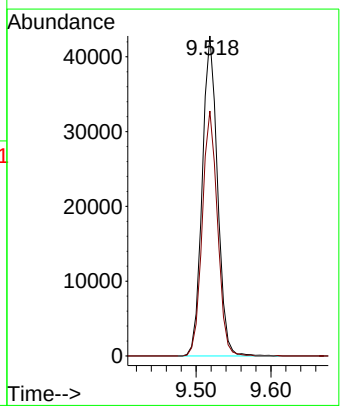


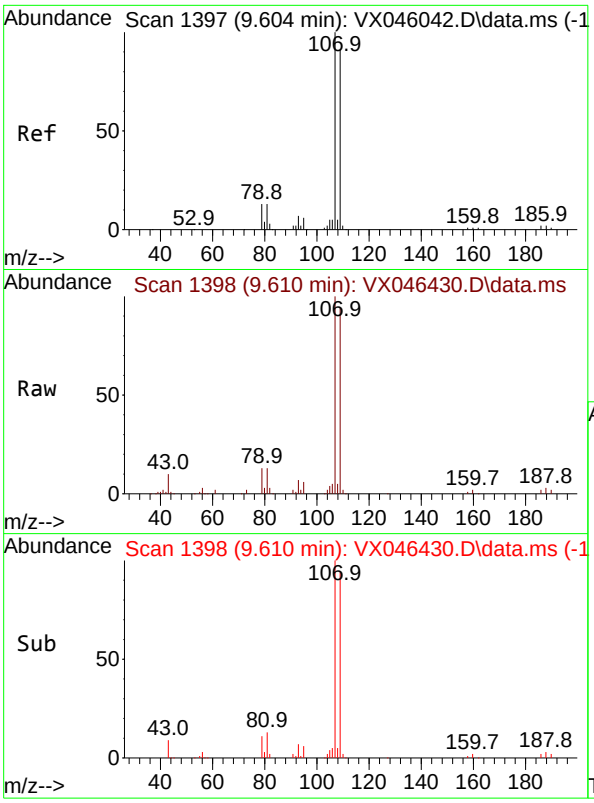


#60
Dibromochloromethane
Concen: 58.740 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:129 Resp: 60636

Ion	Ratio	Lower	Upper
129	100		
127	76.4	39.3	117.8



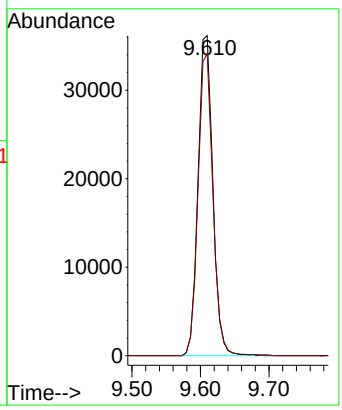


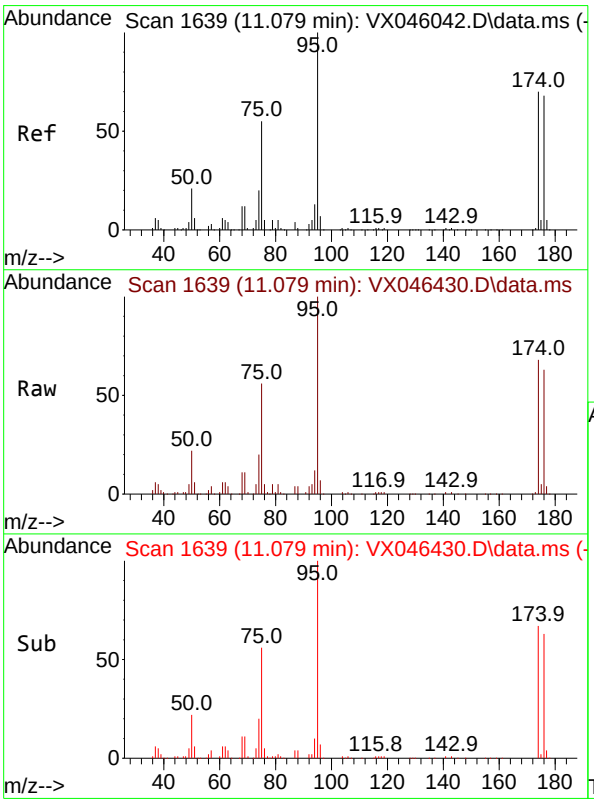
#61
1,2-Dibromoethane
Concen: 55.955 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:107 Resp: 54664

Ion	Ratio	Lower	Upper
107	100		
109	94.4	73.3	109.9

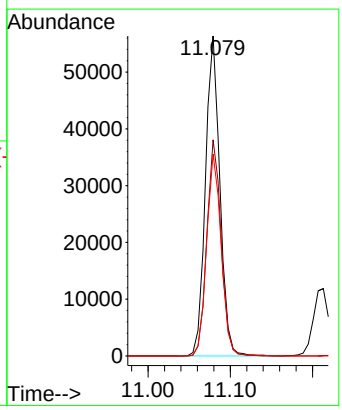


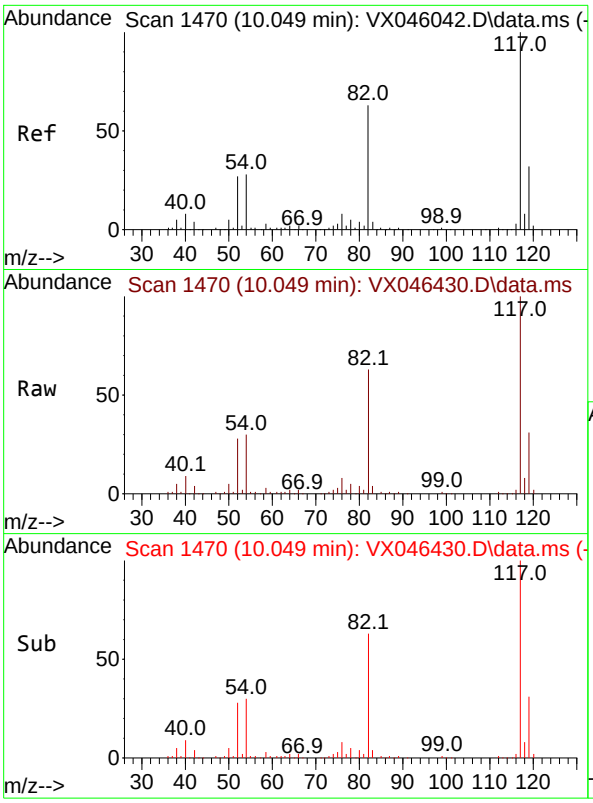


#62
4-Bromofluorobenzene
Concen: 52.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 95 Resp: 68539

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	63.6	0.0	131.4



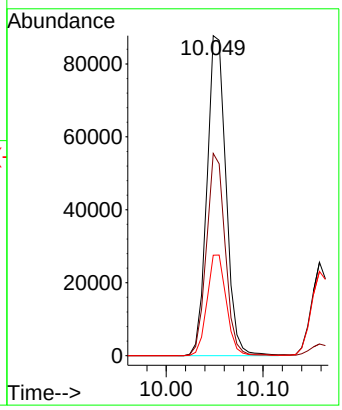


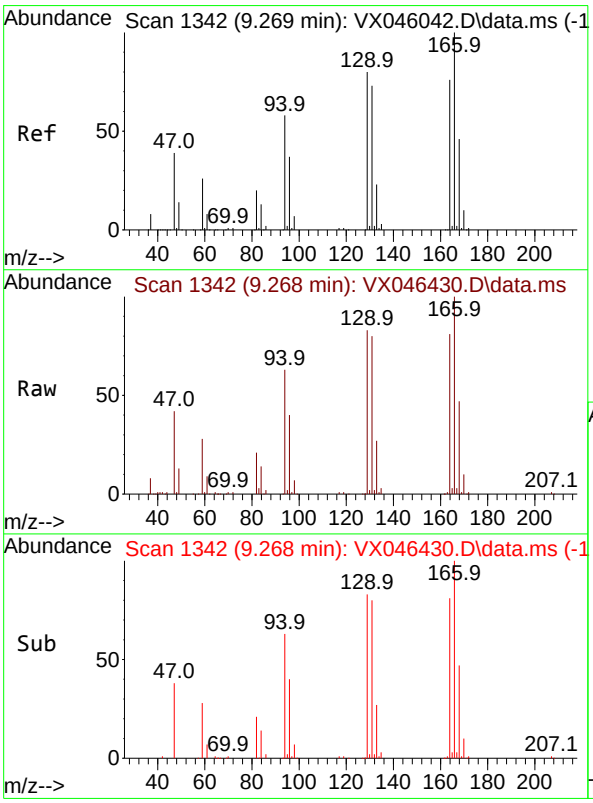
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:117 Resp: 120035

Ion	Ratio	Lower	Upper
117	100		
82	63.2	50.6	76.0
119	31.4	25.8	38.6

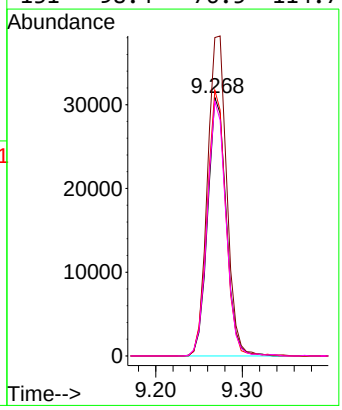


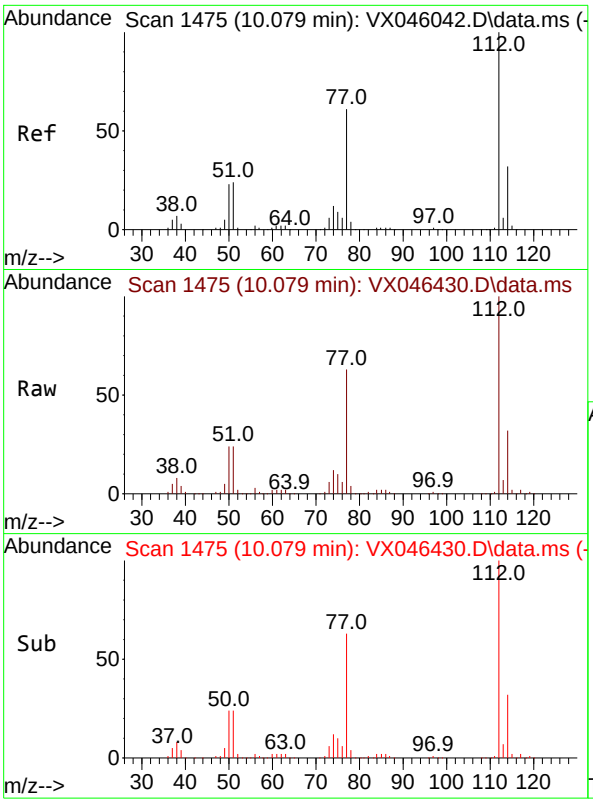


#64
Tetrachloroethene
Concen: 54.056 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:164 Resp: 45910

Ion	Ratio	Lower	Upper
164	100		
166	123.2	105.0	157.6
129	102.8	83.5	125.3
131	98.4	76.5	114.7



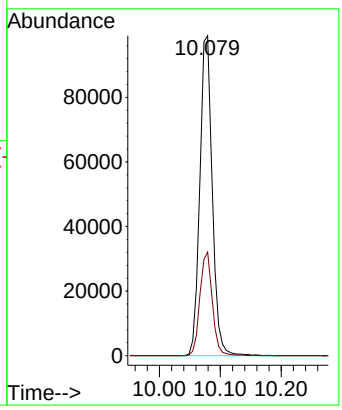


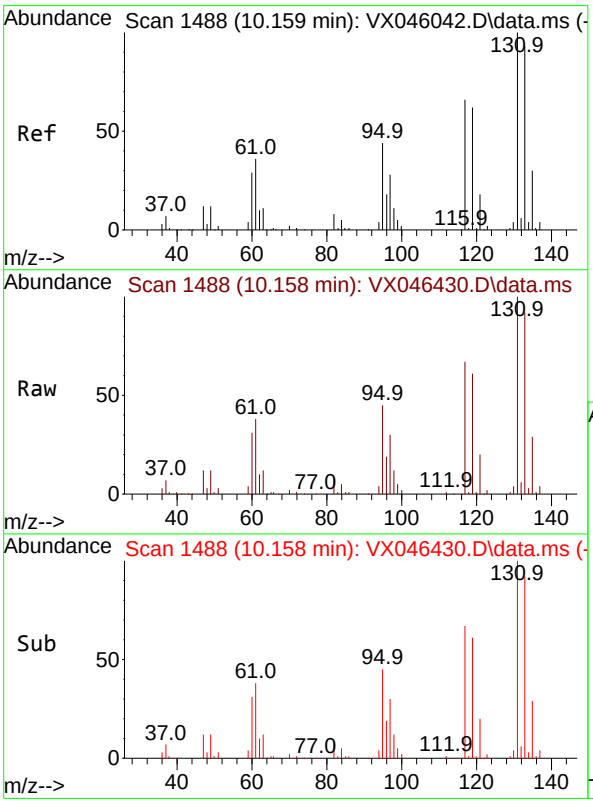
#65
Chlorobenzene
Concen: 53.677 ug/l
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:112 Resp: 141023

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2

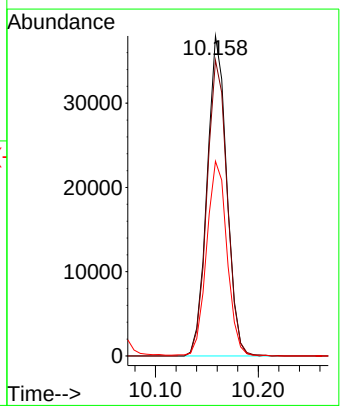


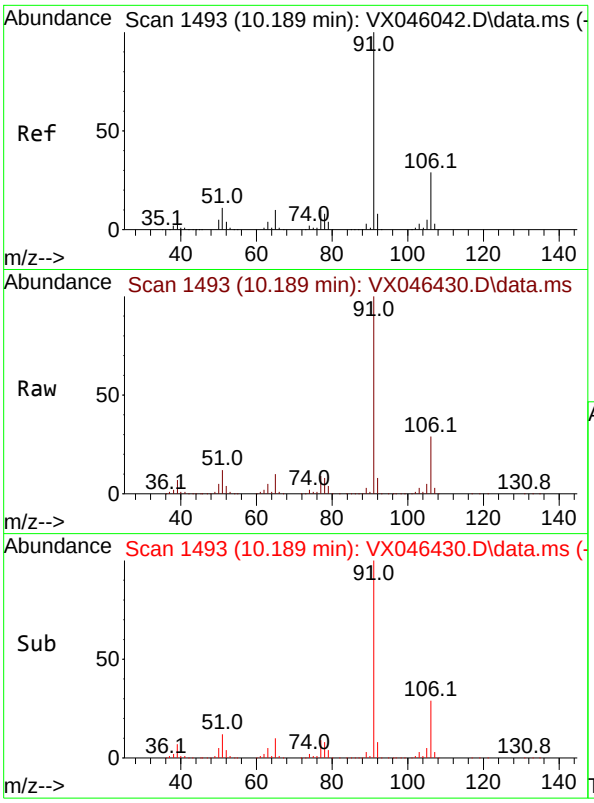


#66
1,1,1,2-Tetrachloroethane
Concen: 56.247 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:131 Resp: 50461

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	63.3	31.6	95.0



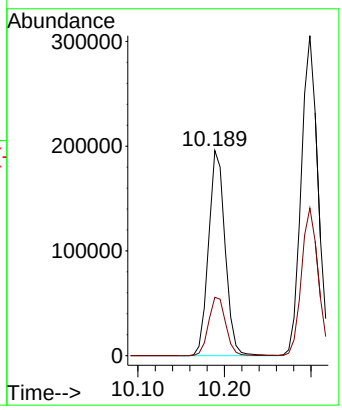


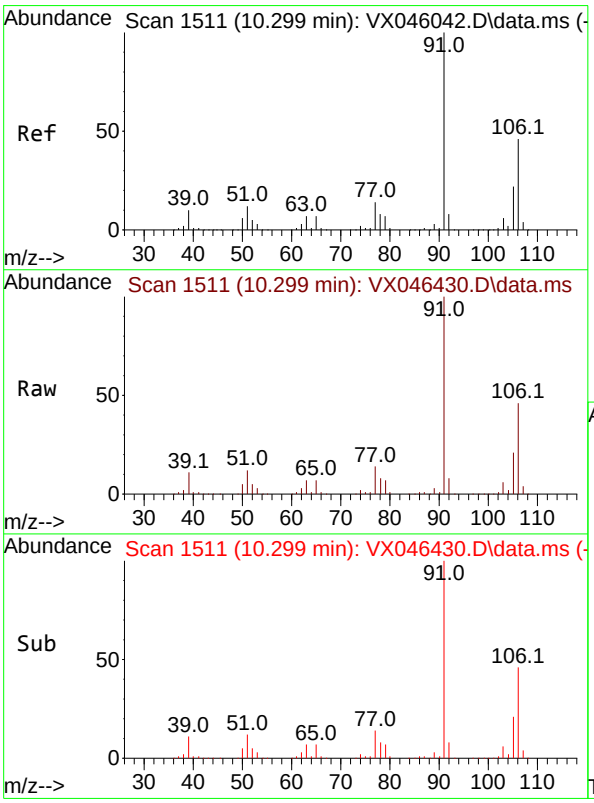
#67
Ethyl Benzene
Concen: 56.134 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 91 Resp: 259964

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.4	35.2

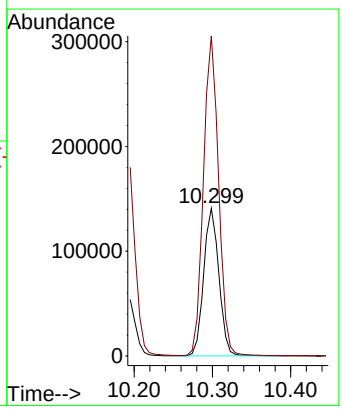


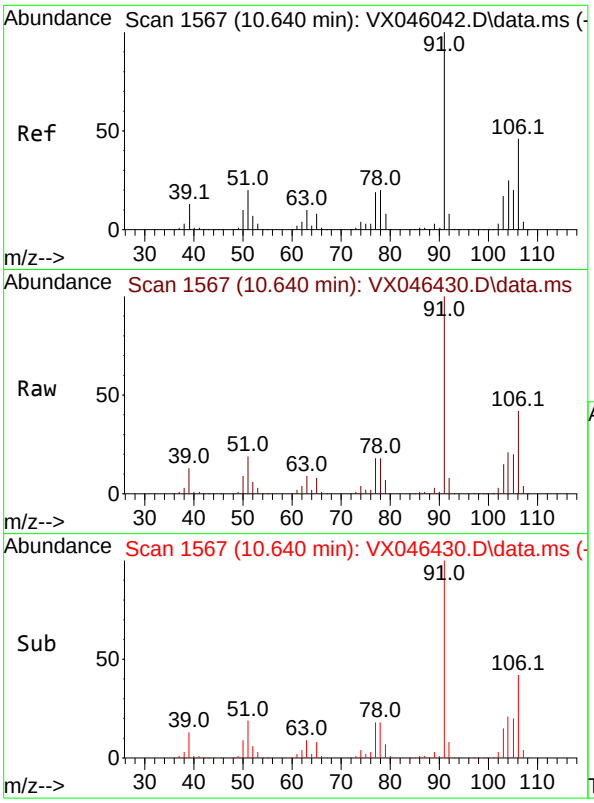


#68
m/p-Xylenes
Concen: 111.859 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:106 Resp: 189468

Ion	Ratio	Lower	Upper
106	100		
91	216.4	171.2	256.8



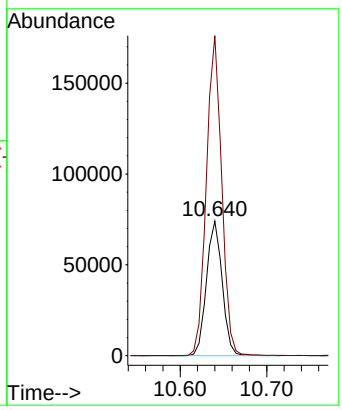


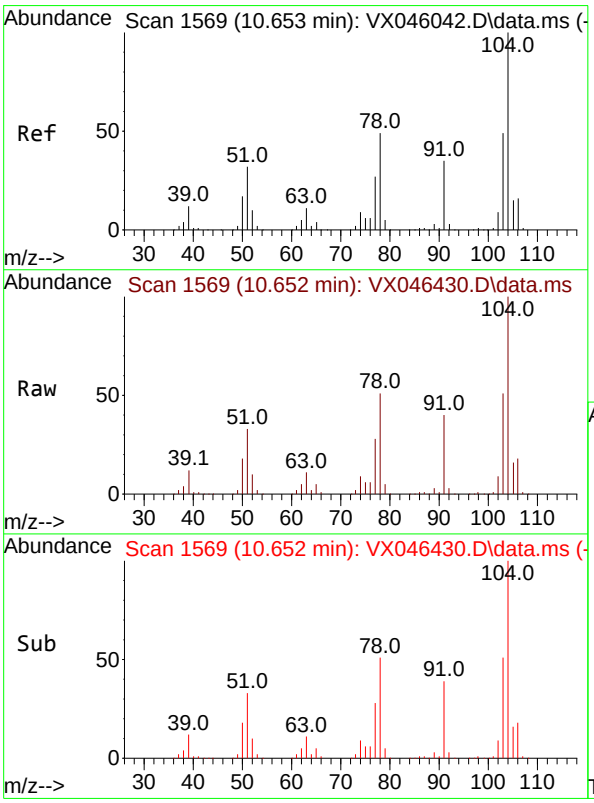
#69
o-Xylene
Concen: 56.527 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:106 Resp: 93344

Ion	Ratio	Lower	Upper
106	100		
91	233.0	112.7	338.1

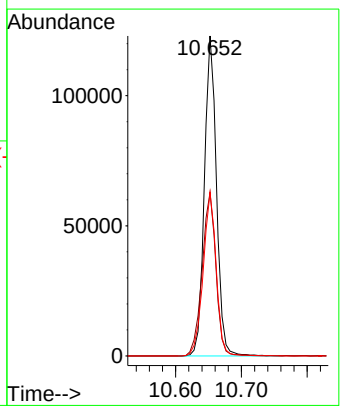


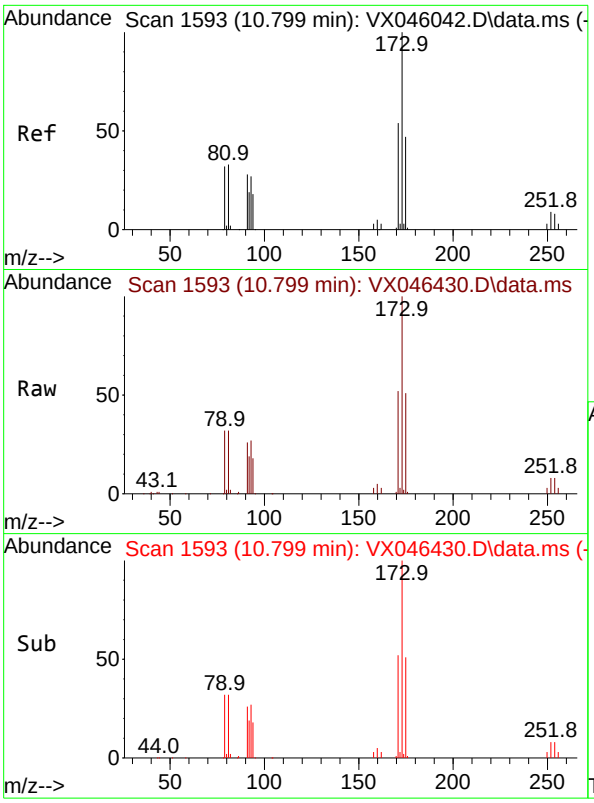


#70
Styrene
Concen: 58.191 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:104 Resp: 157410

Ion	Ratio	Lower	Upper
104	100		
78	58.2	45.7	68.5
103	55.3	43.7	65.5



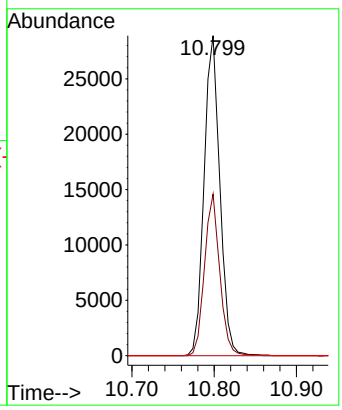


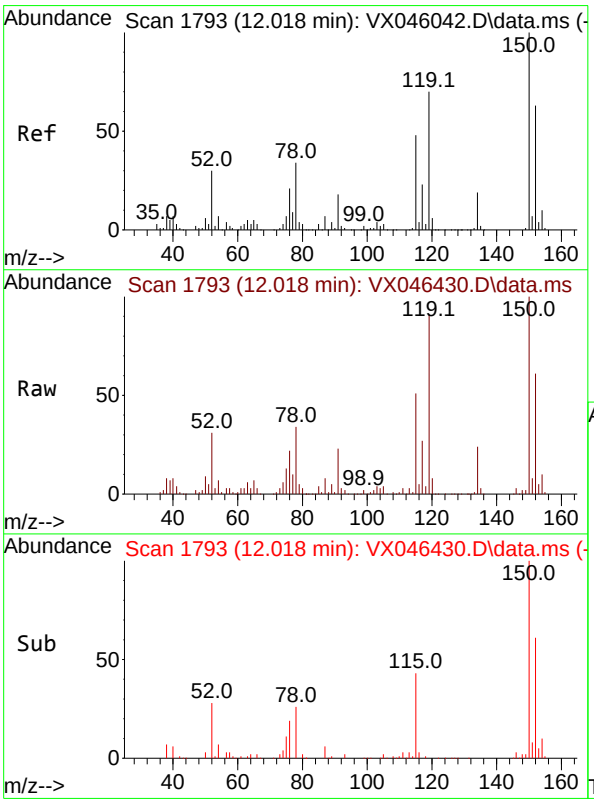
#71
Bromoform
Concen: 57.193 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:173 Resp: 38522

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0

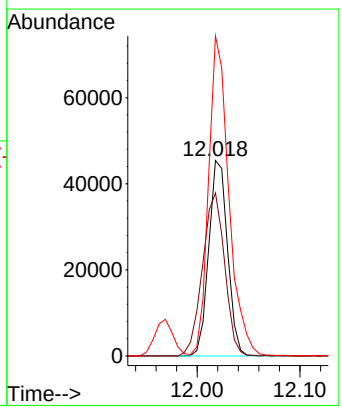


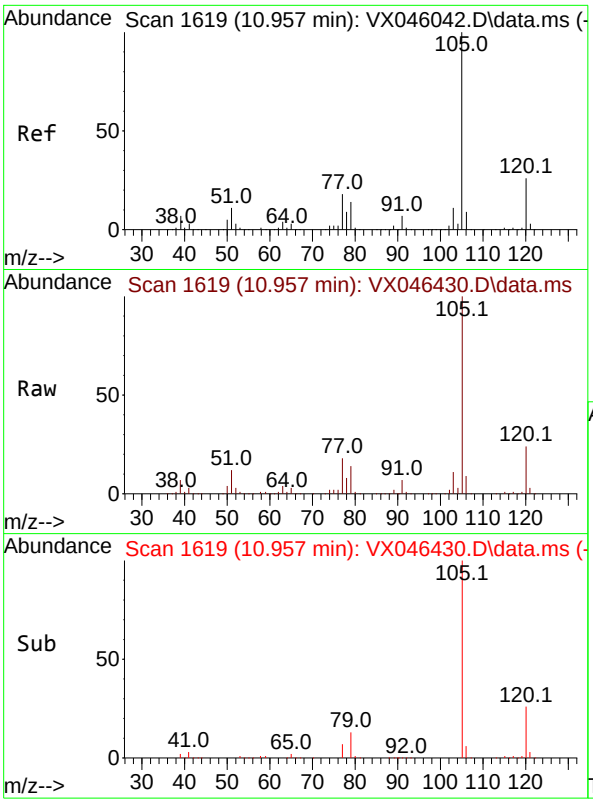


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:152 Resp: 57548

Ion	Ratio	Lower	Upper
152	100		
115	98.4	46.9	140.7
150	176.7	0.0	351.0



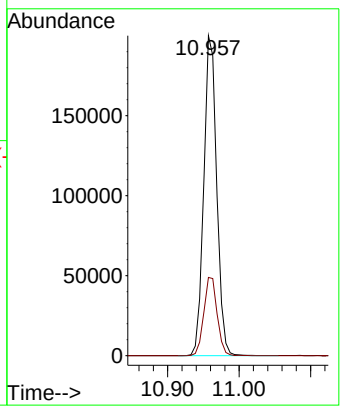


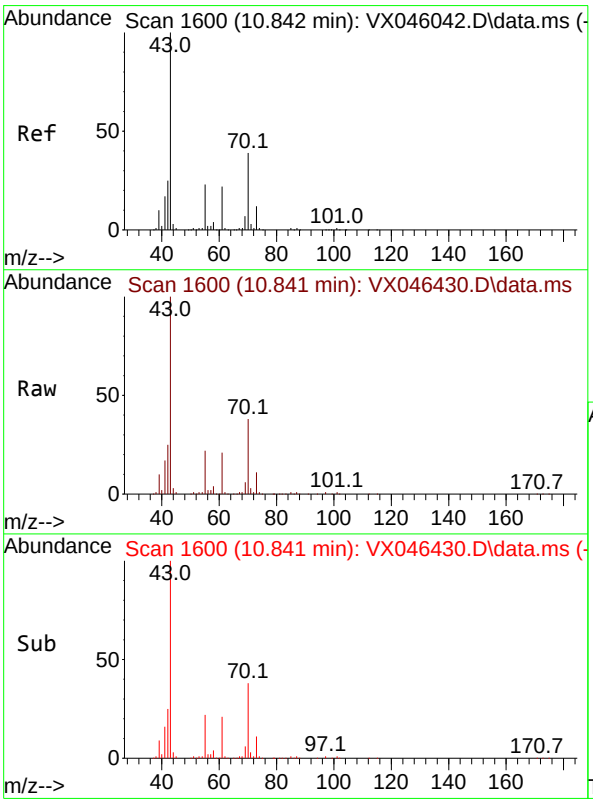
#73
Isopropylbenzene
Concen: 56.113 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:105 Resp: 251401

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4

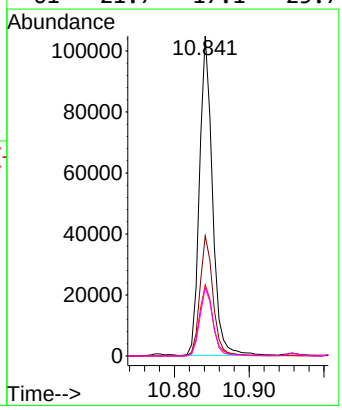


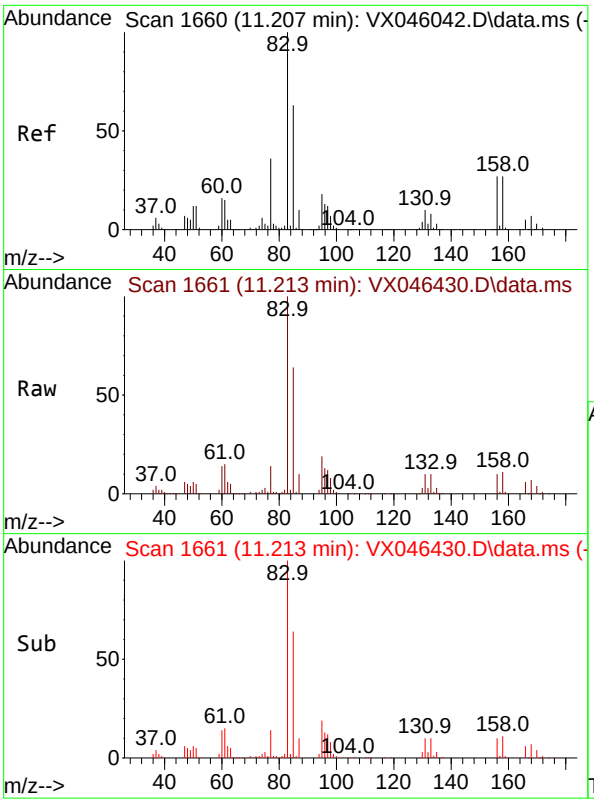


#74
N-amyl acetate
Concen: 56.810 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 43 Resp: 125773

Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.9	46.3
55	23.7	18.7	28.1
61	21.7	17.1	25.7



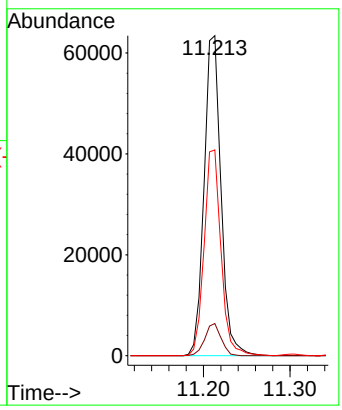


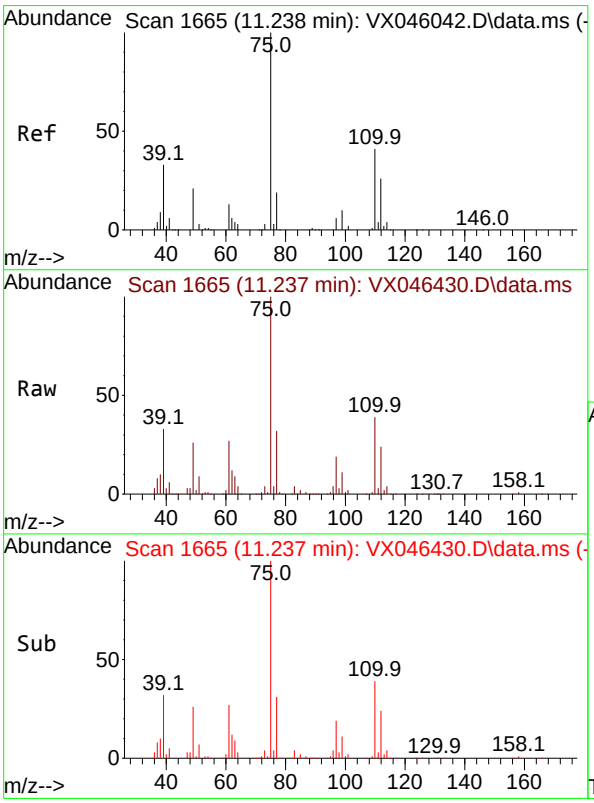
#75
1,1,2,2-Tetrachloroethane
Concen: 54.794 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 83 Resp: 86029

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.2	31.9	95.7

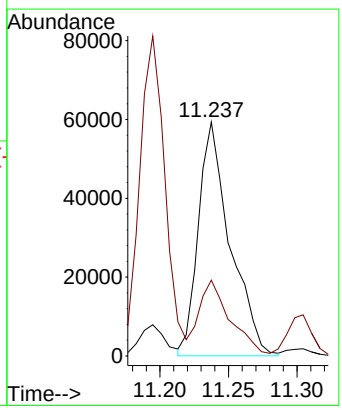


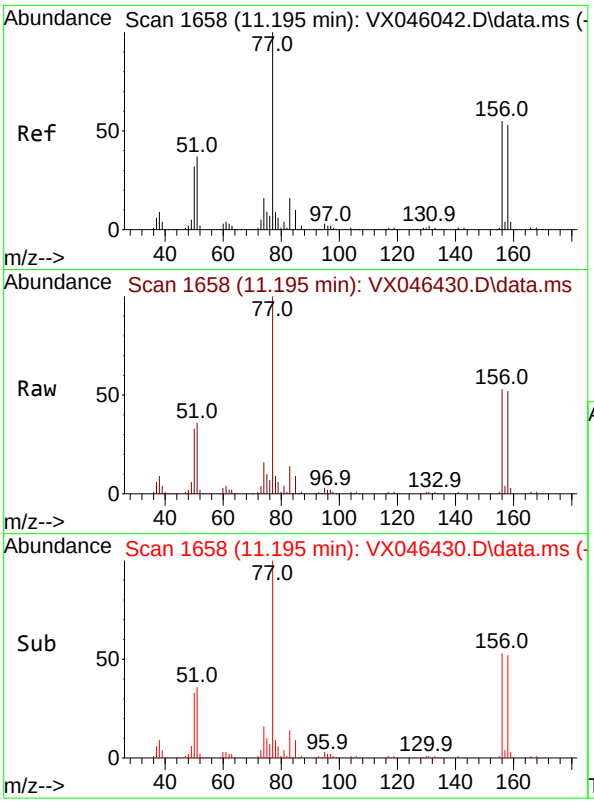


#76
1,2,3-Trichloropropane
Concen: 69.181 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 95830

Ion	Ratio	Lower	Upper
75	100		
77	31.9	20.5	61.5



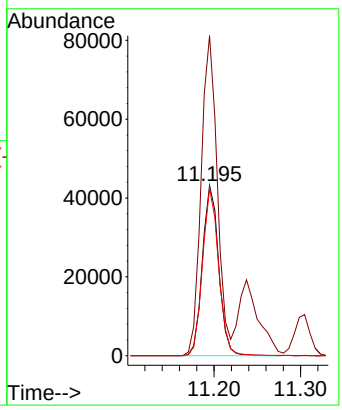


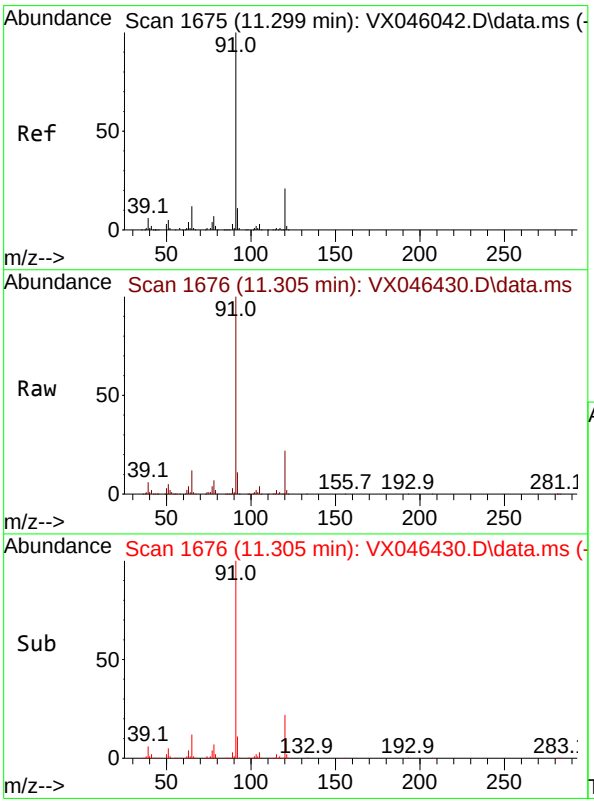
#77
Bromobenzene
Concen: 54.114 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:156 Resp: 56287

Ion	Ratio	Lower	Upper
156	100		
77	186.4	92.8	278.3
158	97.4	48.8	146.3

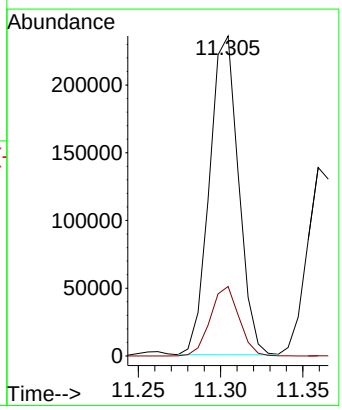


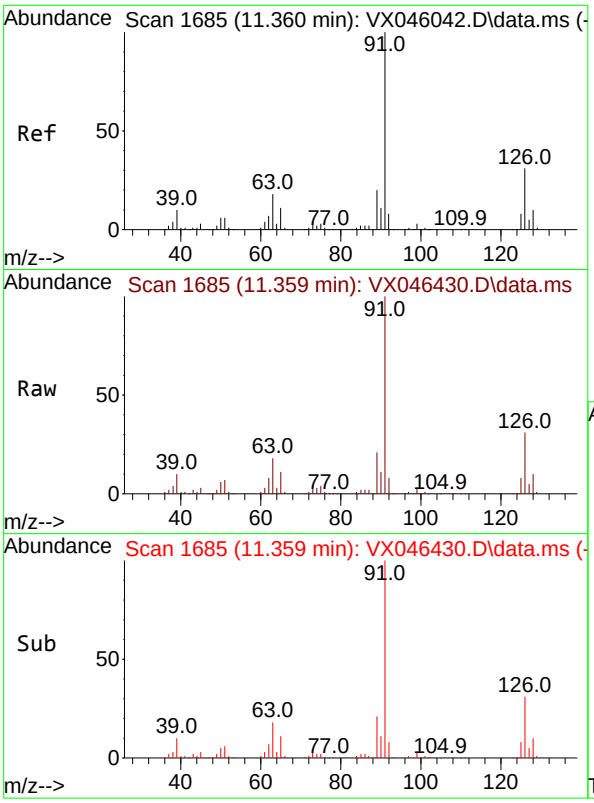


#78
n-propylbenzene
Concen: 55.620 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 289747

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4



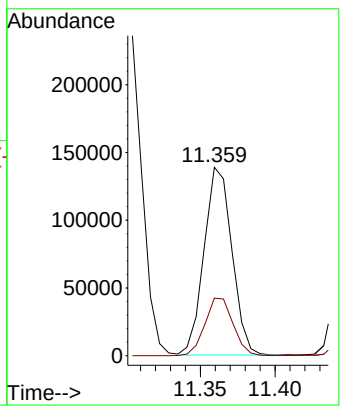


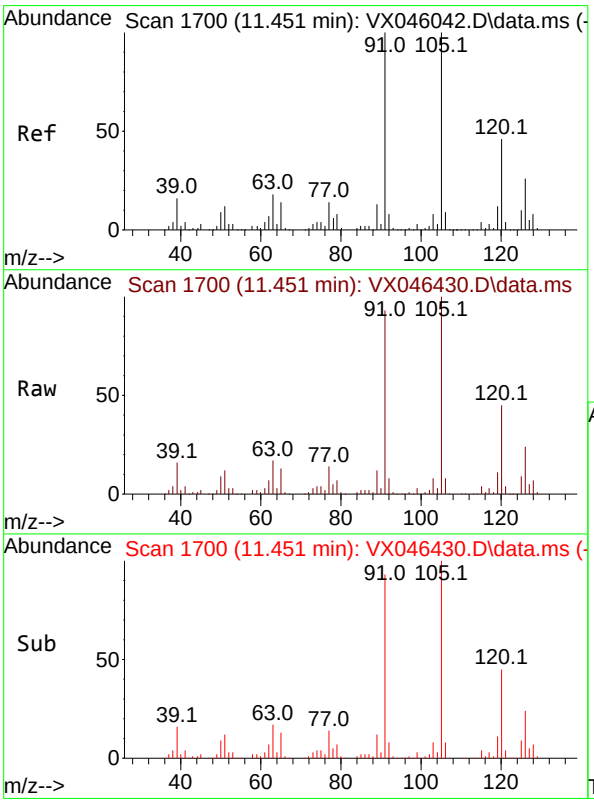
#79
2-Chlorotoluene
Concen: 53.472 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 91 Resp: 179671

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7

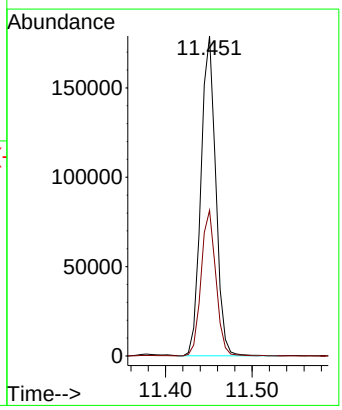


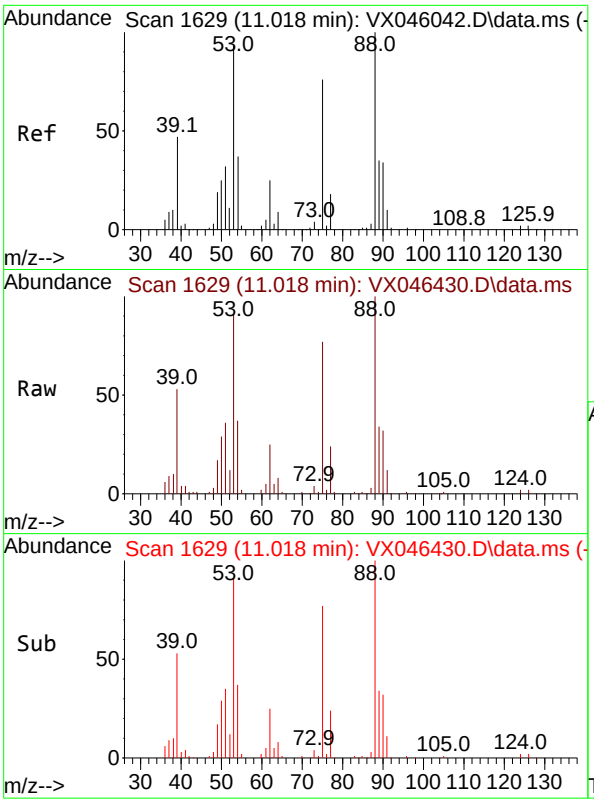


#80
1,3,5-Trimethylbenzene
Concen: 56.649 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:105 Resp: 212036

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2



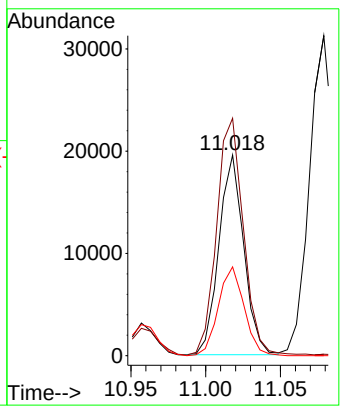


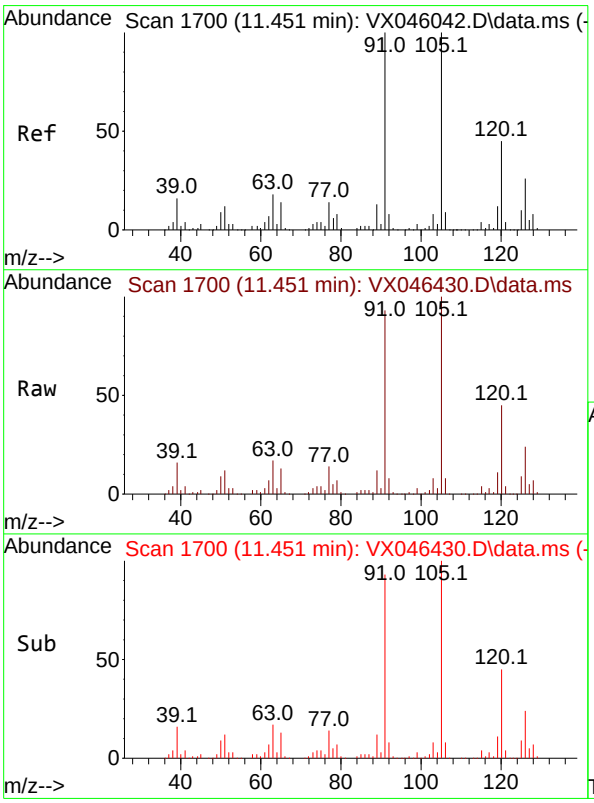
#81
trans-1,4-Dichloro-2-butene
Concen: 53.042 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 75 Resp: 22568

Ion	Ratio	Lower	Upper
75	100		
53	127.3	100.5	150.7
89	46.1	37.0	55.6

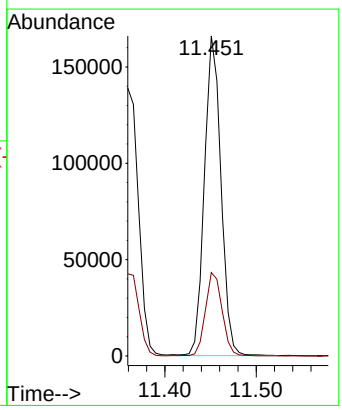


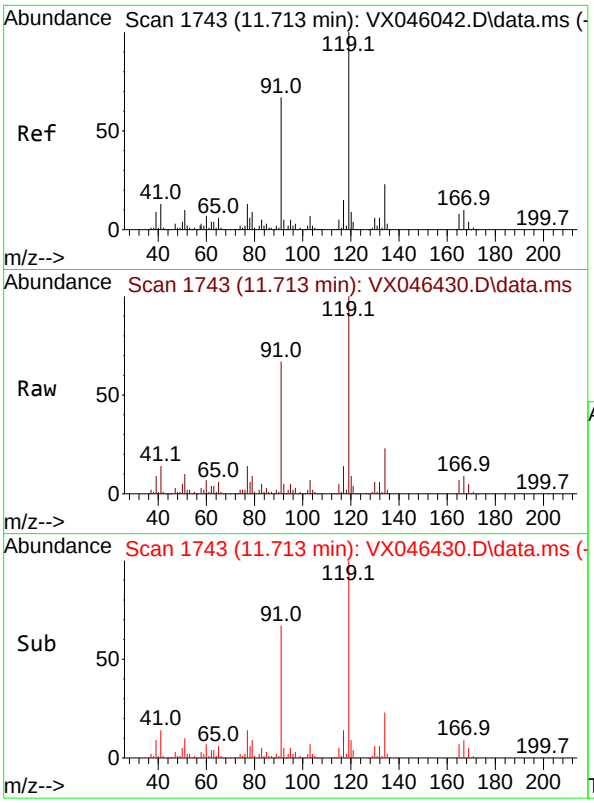


#82
4-Chlorotoluene
Concen: 55.818 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 91 Resp: 207992

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.8



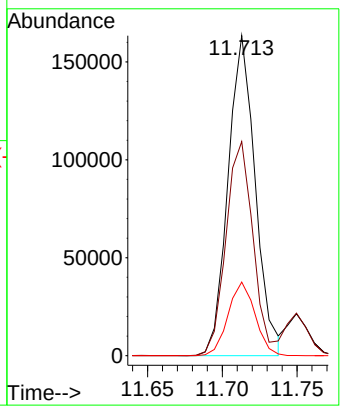


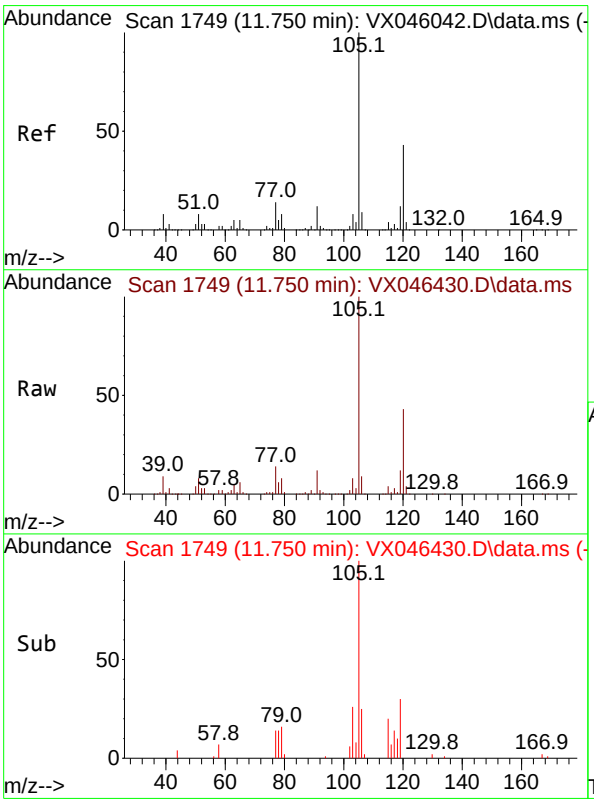
#83
tert-Butylbenzene
Concen: 54.896 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:119 Resp: 206970

Ion	Ratio	Lower	Upper
119	100		
91	67.2	32.9	98.7
134	22.8	11.4	34.1

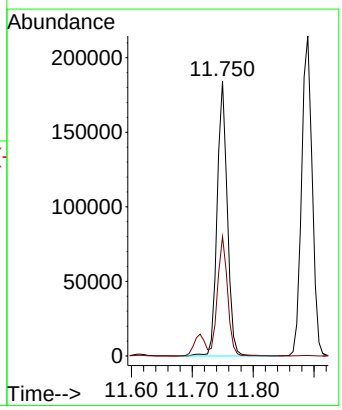


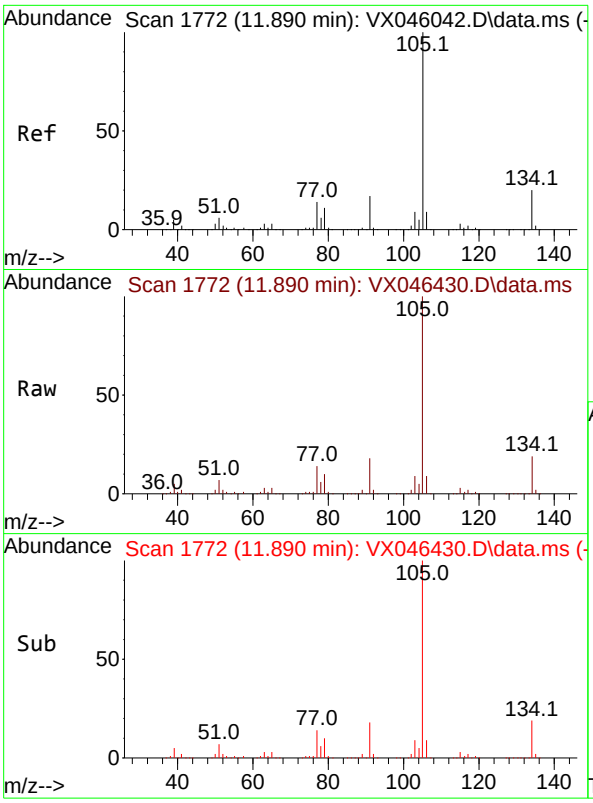


#84
1,2,4-Trimethylbenzene
Concen: 56.271 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:105 Resp: 213290

Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.2	63.6



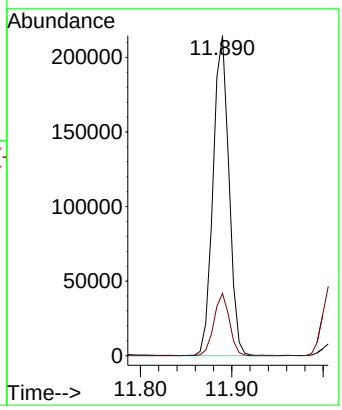


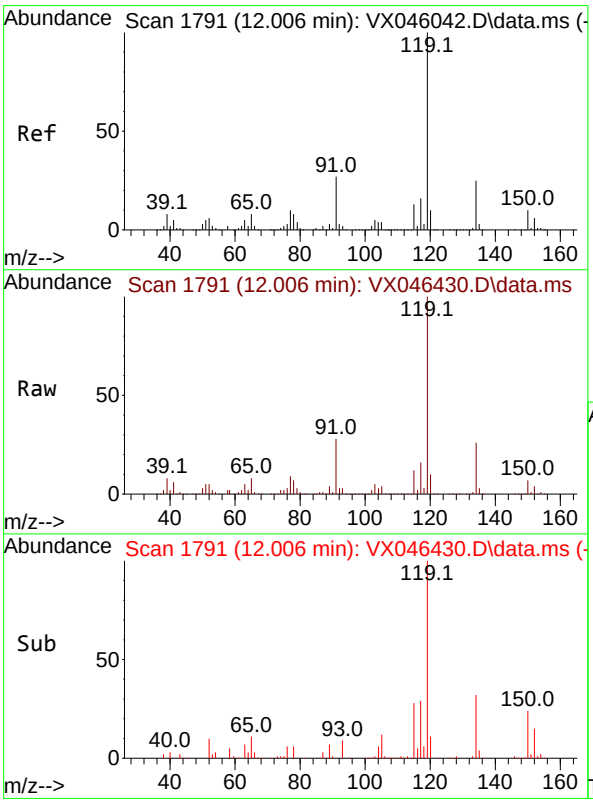
#85
sec-Butylbenzene
Concen: 55.895 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:105 Resp: 258748

Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1

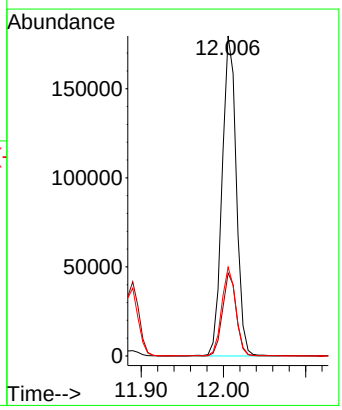


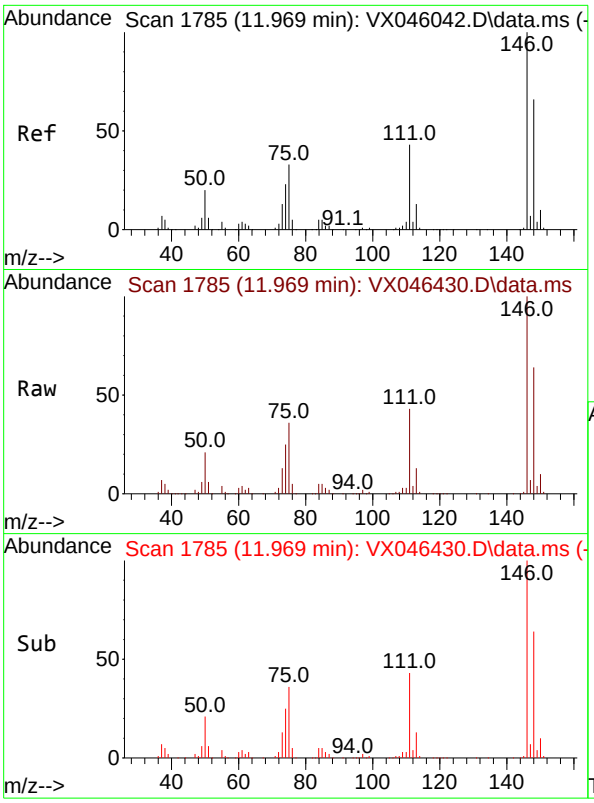


#86
p-Isopropyltoluene
Concen: 56.443 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:119 Resp: 215672

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.5	37.5
91	27.1	13.8	41.4



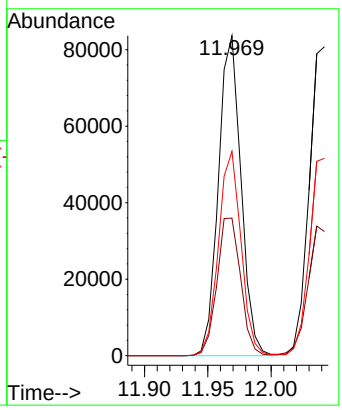


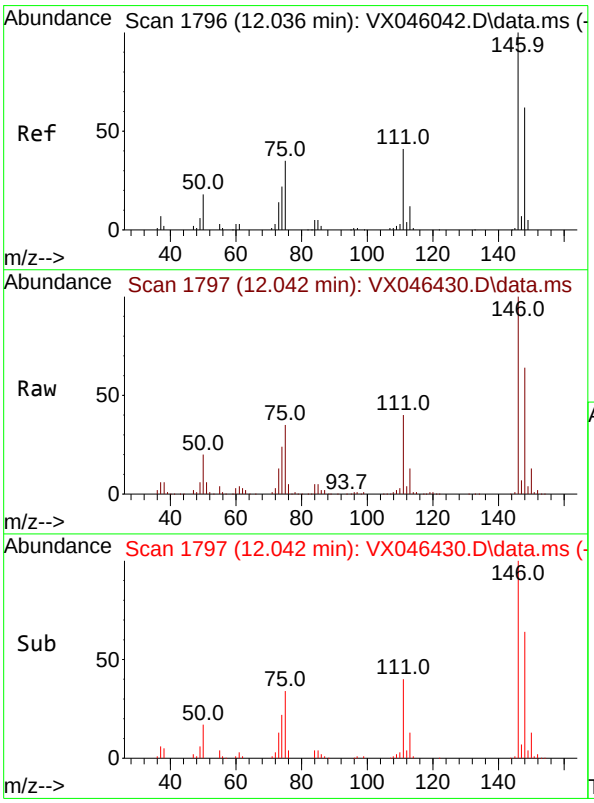
#87
1,3-Dichlorobenzene
Concen: 54.672 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:146 Resp: 103785

Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.3
148	63.7	32.1	96.5

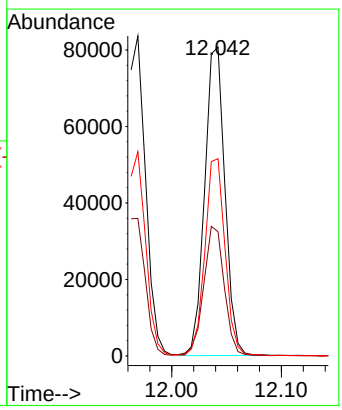


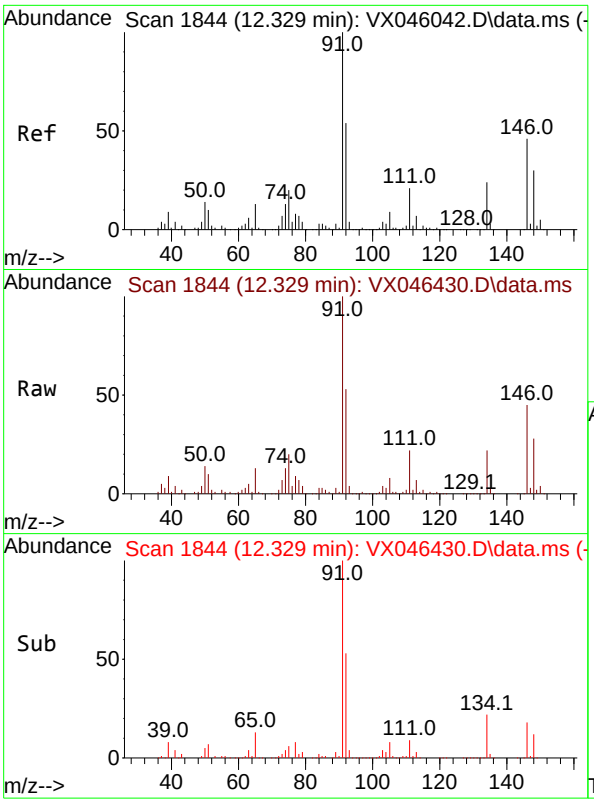


#88
1,4-Dichlorobenzene
Concen: 53.414 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:146 Resp: 103553

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	64.0	31.9	95.5



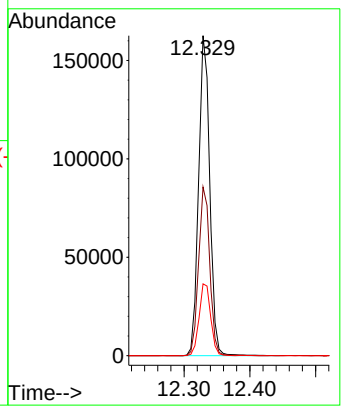


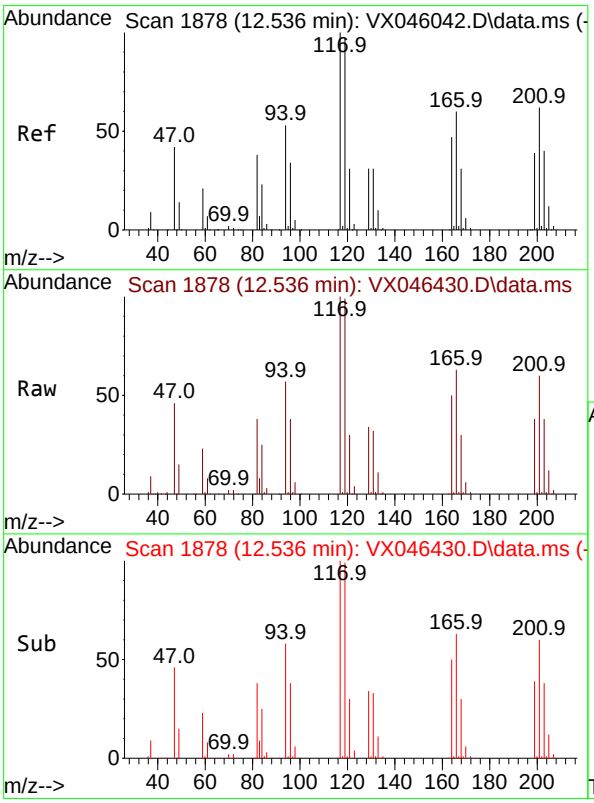
#89
n-Butylbenzene
Concen: 56.778 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion: 91 Resp: 190304

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	23.4	11.8	35.3

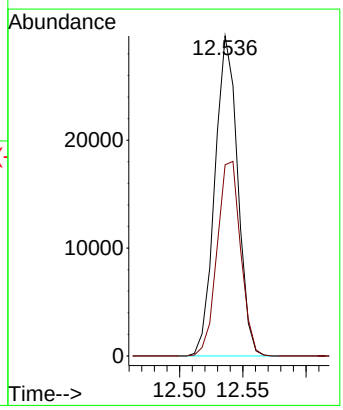


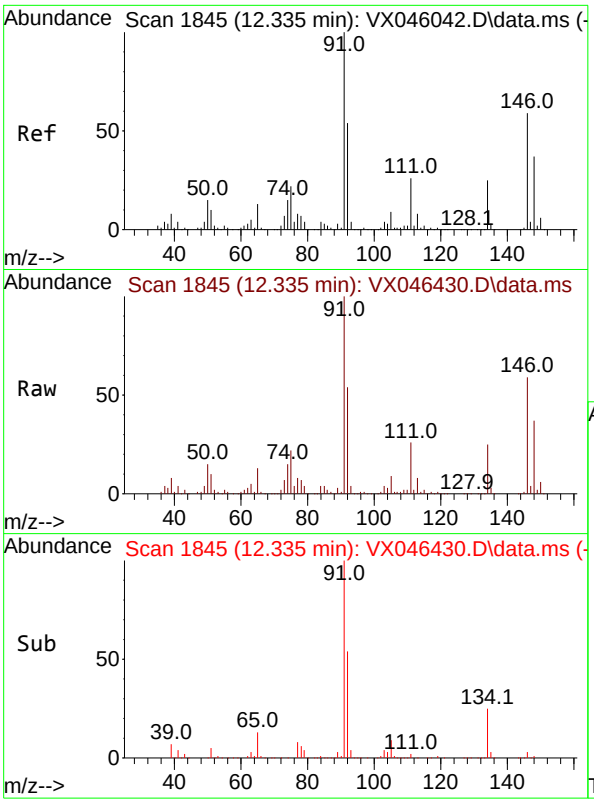


#90
Hexachloroethane
Concen: 55.090 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:117 Resp: 37086

Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.6	94.7



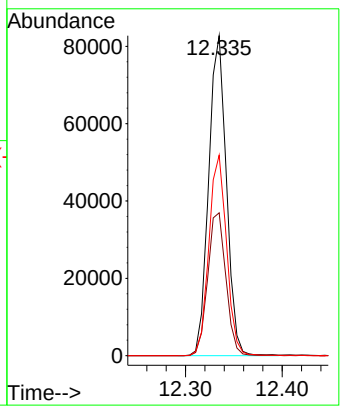


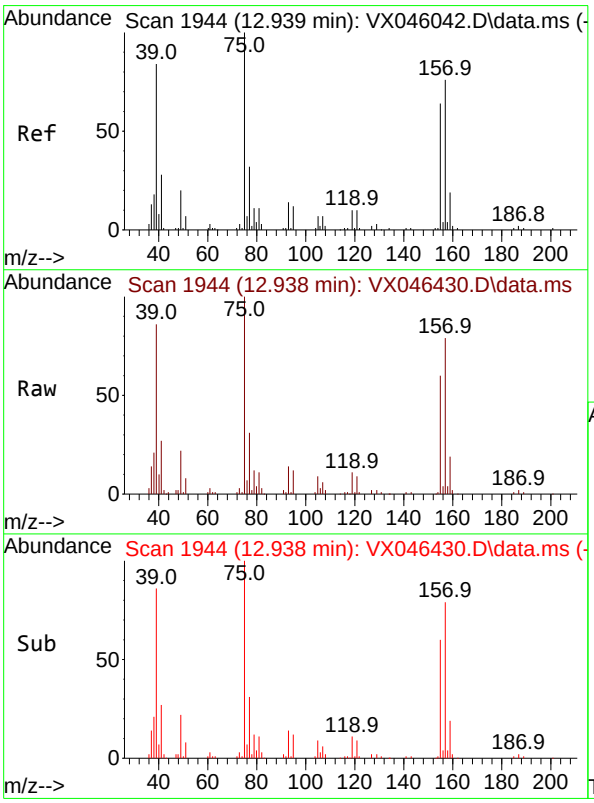
#91
1,2-Dichlorobenzene
Concen: 55.401 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:146 Resp: 105535

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.4	67.3
148	62.8	31.6	94.8

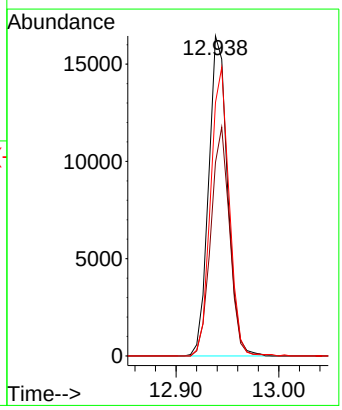


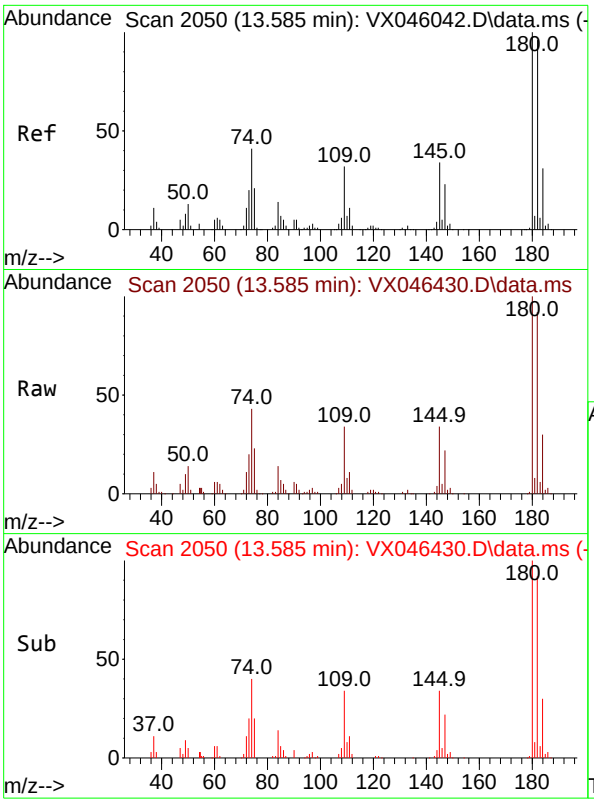


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.819 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion: 75 Resp: 21154

Ion	Ratio	Lower	Upper
75	100		
155	70.1	34.9	104.8
157	87.9	43.8	131.4



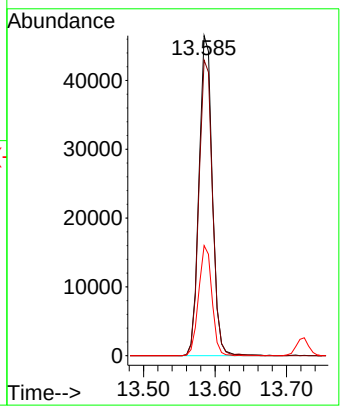


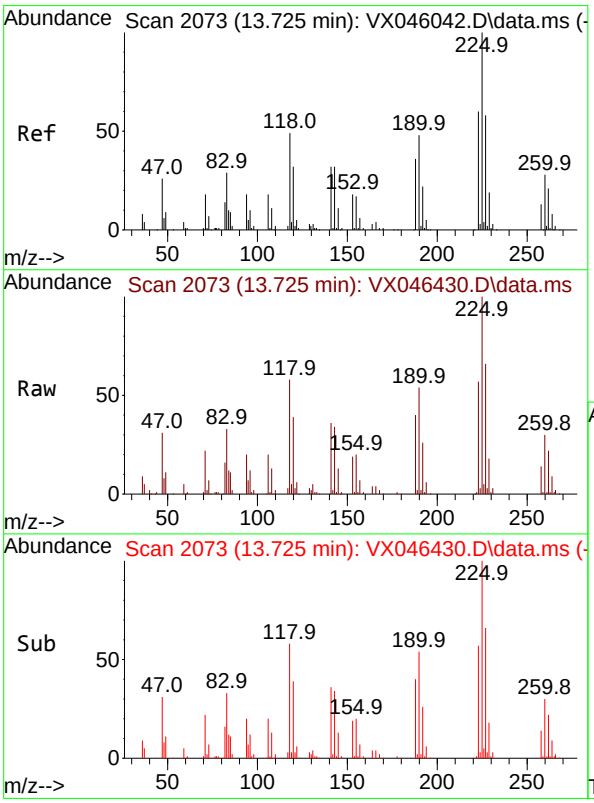
#93
1,2,4-Trichlorobenzene
Concen: 54.673 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:180 Resp: 59819

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	34.4	17.1	51.2

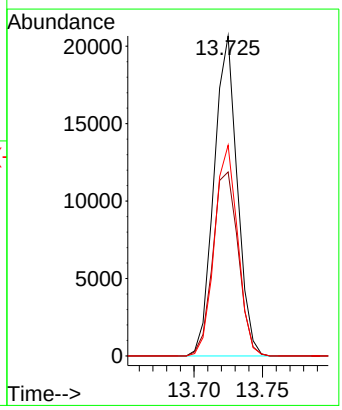


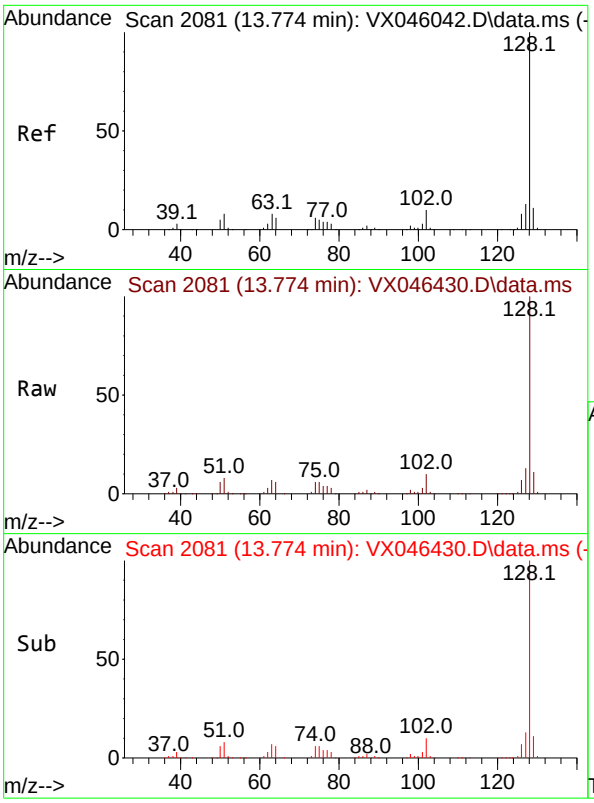


#94
Hexachlorobutadiene
Concen: 51.045 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:225 Resp: 24392

Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.4
227	65.6	30.9	92.7



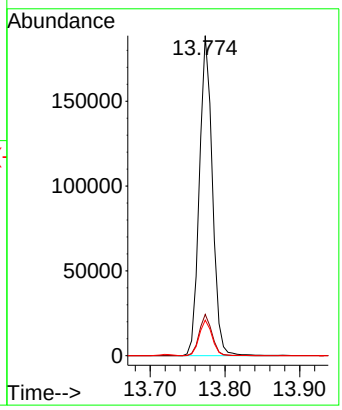


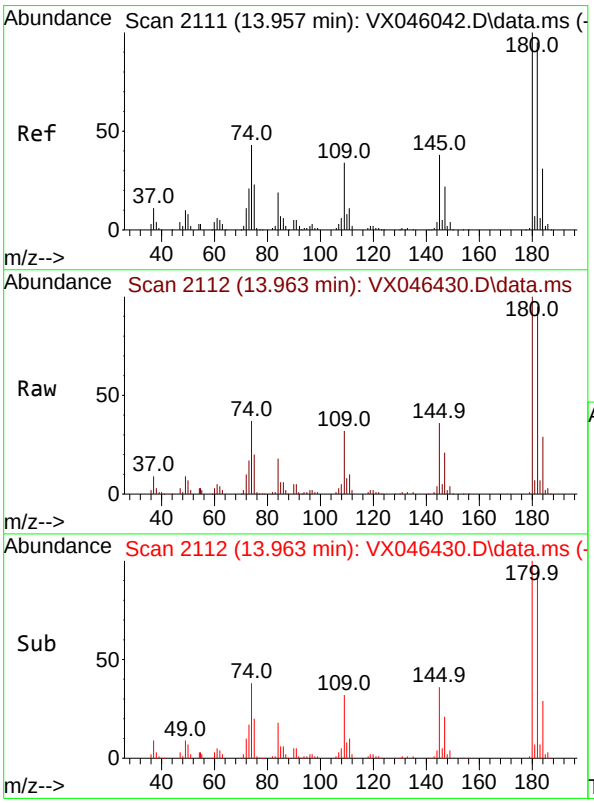
#95
Naphthalene
Concen: 56.803 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602MSD

Tgt Ion:128 Resp: 227943

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.6	13.0

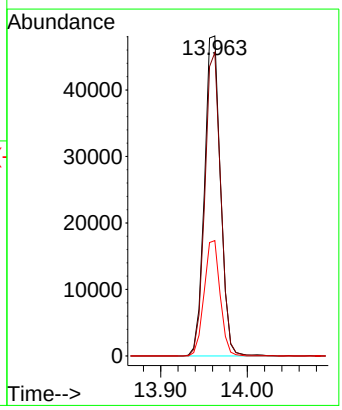




#96
1,2,3-Trichlorobenzene
Concen: 54.703 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046430.D
Acq: 30 May 2025 18:33

Tgt Ion:180 Resp: 61757

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	36.0	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	74114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70637	51.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	49202	51.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	8.647	98	162192	48.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	67347	52.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52337	46.138	ug/l	97
3) Chloromethane	1.306	50	50222	45.654	ug/l	98
4) Vinyl Chloride	1.374	62	45572	44.512	ug/l	99
5) Bromomethane	1.593	94	21584	45.454	ug/l	96
6) Chloroethane	1.666	64	25642	46.916	ug/l	98
7) Trichlorofluoromethane	1.873	101	72532	47.936	ug/l	99
8) Diethyl Ether	2.129	74	24886	48.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	45829	48.943	ug/l	97
10) Methyl Iodide	2.440	142	51809	46.760	ug/l	99
11) Tert butyl alcohol	2.983	59	60822	313.593	ug/l	98
12) 1,1-Dichloroethene	2.306	96	41957	47.743	ug/l	99
13) Acrolein	2.233	56	61985	280.627	ug/l	100
14) Allyl chloride	2.654	41	89270	53.151	ug/l	96
15) Acrylonitrile	3.062	53	162796	293.541	ug/l	98
16) Acetone	2.386	43	158115	285.403	ug/l	98
17) Carbon Disulfide	2.501	76	80402	38.590	ug/l	100
18) Methyl Acetate	2.703	43	96536	75.091	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	170684	55.398	ug/l	99
20) Methylene Chloride	2.782	84	52227	49.194	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	42033	47.561	ug/l	94
22) Diisopropyl ether	3.763	45	180764	55.717	ug/l	93
23) Vinyl Acetate	3.721	43	777807	272.581	ug/l	100
24) 1,1-Dichloroethane	3.605	63	96154	53.212	ug/l	98
25) 2-Butanone	4.556	43	244738	304.288	ug/l	100
26) 2,2-Dichloropropane	4.464	77	67166	47.489	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	55714	52.367	ug/l	100
28) Bromochloromethane	4.891	49	46340	53.277	ug/l	99
29) Tetrahydrofuran	5.007	42	151953	301.498	ug/l	98
30) Chloroform	5.086	83	103059	54.718	ug/l	96
31) Cyclohexane	5.464	56	77602	47.127	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	87897	53.836	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61592	47.863	ug/l	99
37) Ethyl Acetate	4.714	43	85506	53.781	ug/l	99
38) Carbon Tetrachloride	5.672	117	71351	49.348	ug/l	96
39) Methylcyclohexane	7.379	83	75716	45.703	ug/l	98
40) Benzene	6.031	78	191891	50.909	ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	51148	61.498 ug/l		99
42) 1,2-Dichloroethane	6.080	62	84867	52.168 ug/l		99
43) Isopropyl Acetate	6.342	43	140262	57.828 ug/l		99
44) Trichloroethene	7.122	130	44919	49.514 ug/l		97
45) 1,2-Dichloropropane	7.427	63	51884	55.357 ug/l		98
46) Dibromomethane	7.580	93	38897	52.619 ug/l		99
47) Bromodichloromethane	7.817	83	80312	55.161 ug/l		99
48) Methyl methacrylate	7.689	41	74586	60.212 ug/l		99
49) 1,4-Dioxane	7.659	88	27552	1171.433 ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	496899	308.632 ug/l		99
52) Toluene	8.714	92	118579	51.305 ug/l		98
53) t-1,3-Dichloropropene	8.976	75	71021	54.879 ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	78938	55.188 ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	51227	56.210 ug/l		97
56) Ethyl methacrylate	9.116	69	87584	60.299 ug/l		99
57) 1,3-Dichloropropane	9.305	76	89527	54.700 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	211224	285.245 ug/l		99
59) 2-Hexanone	9.427	43	373912	313.912 ug/l		99
60) Dibromochloromethane	9.518	129	57708	57.658 ug/l		98
61) 1,2-Dibromoethane	9.604	107	51593	54.468 ug/l		98
64) Tetrachloroethene	9.268	164	39773	47.434 ug/l		96
65) Chlorobenzene	10.073	112	131134	50.556 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	47254	53.352 ug/l		98
67) Ethyl Benzene	10.189	91	241431	52.804 ug/l		99
68) m/p-Xylenes	10.299	106	174971	104.632 ug/l		99
69) o-Xylene	10.640	106	87961	53.954 ug/l		99
70) Styrene	10.652	104	148376	55.559 ug/l		98
71) Bromoform	10.799	173	36540	54.949 ug/l	#	97
73) Isopropylbenzene	10.957	105	236055	52.887 ug/l		100
74) N-amyl acetate	10.841	43	127751	57.922 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84159	53.806 ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	93842	68.002 ug/l		87
77) Bromobenzene	11.195	156	53999	52.111 ug/l		100
78) n-propylbenzene	11.305	91	278510	53.665 ug/l		99
79) 2-Chlorotoluene	11.360	91	174683	52.184 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	200309	53.719 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	23283	54.930 ug/l		98
82) 4-Chlorotoluene	11.451	91	199469	53.734 ug/l		99
83) tert-Butylbenzene	11.713	119	202709	53.969 ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	205143	54.326 ug/l		100
85) sec-Butylbenzene	11.890	105	254604	55.208 ug/l		100
86) p-Isopropyltoluene	12.006	119	209095	54.929 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	100145	52.954 ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	100095	51.826 ug/l		100
89) n-Butylbenzene	12.329	91	185147	55.448 ug/l		100
90) Hexachloroethane	12.536	117	35458	52.871 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	102295	53.903 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20639	59.563 ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	58874	54.013 ug/l		98
94) Hexachlorobutadiene	13.725	225	25552	53.675 ug/l		98
95) Naphthalene	13.774	128	225947	56.519 ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	61292	54.497 ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

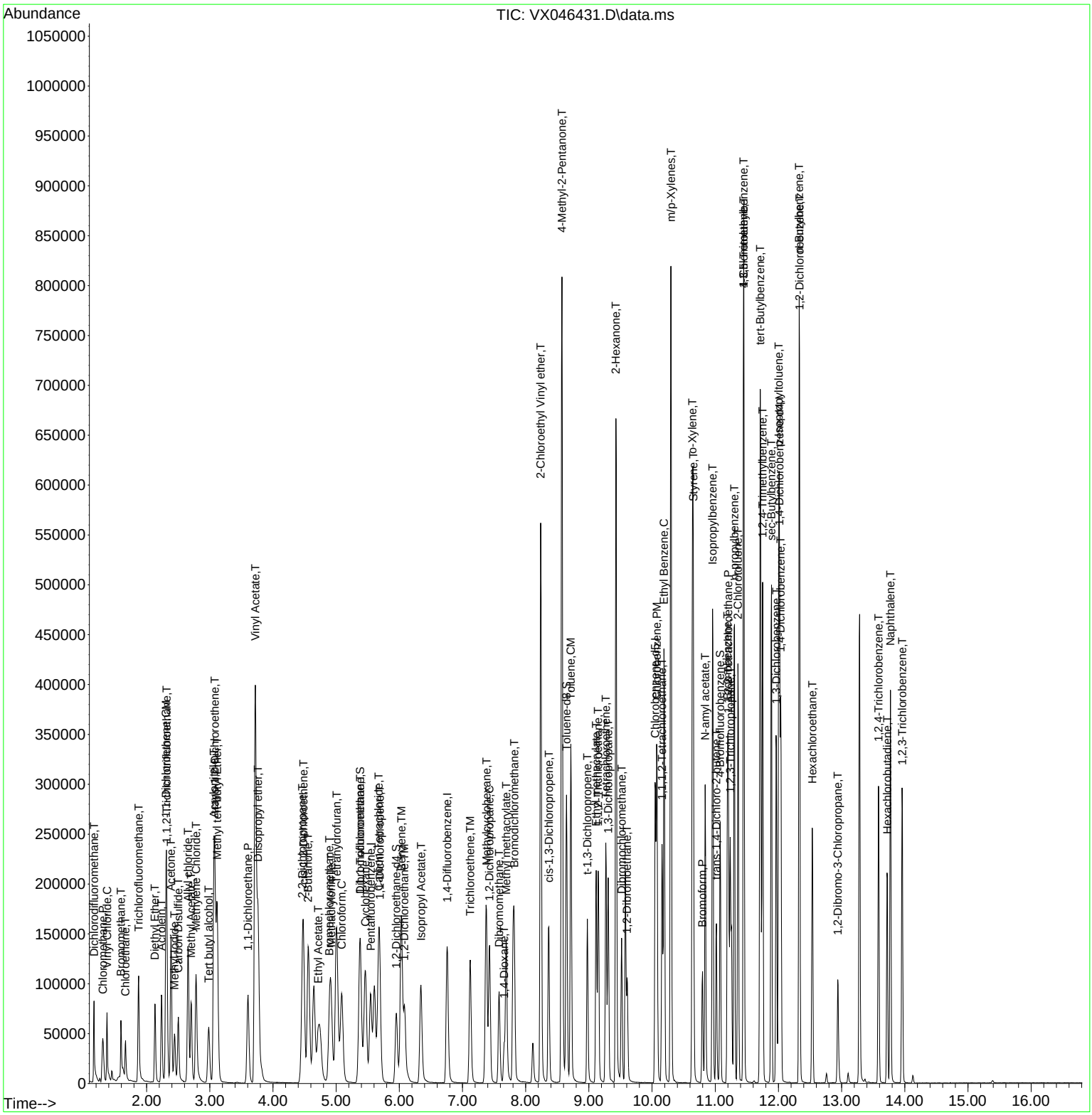
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

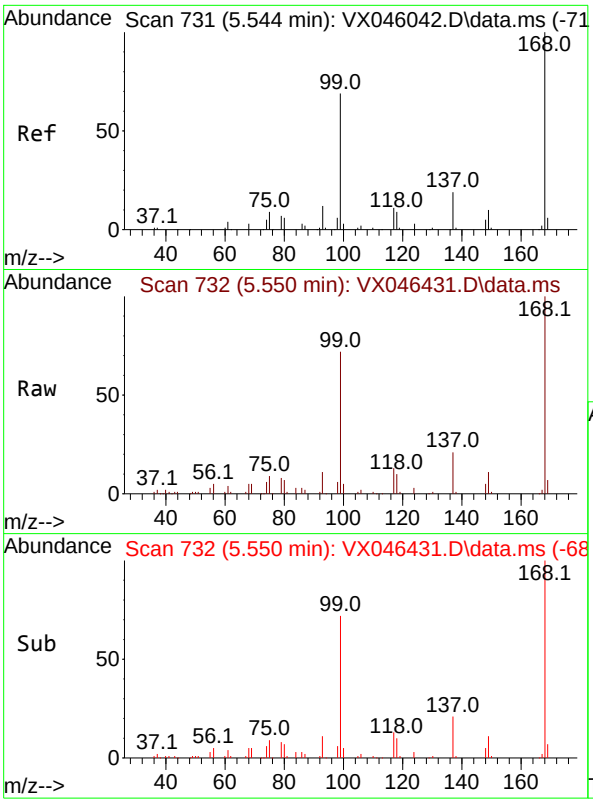
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046431.D
Acq On : 30 May 2025 18:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 30 23:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



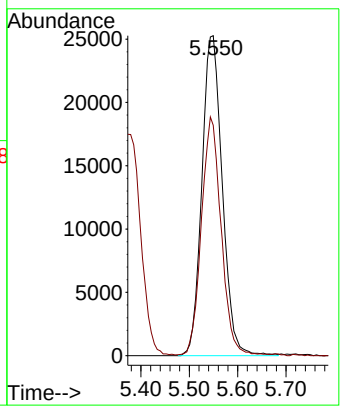


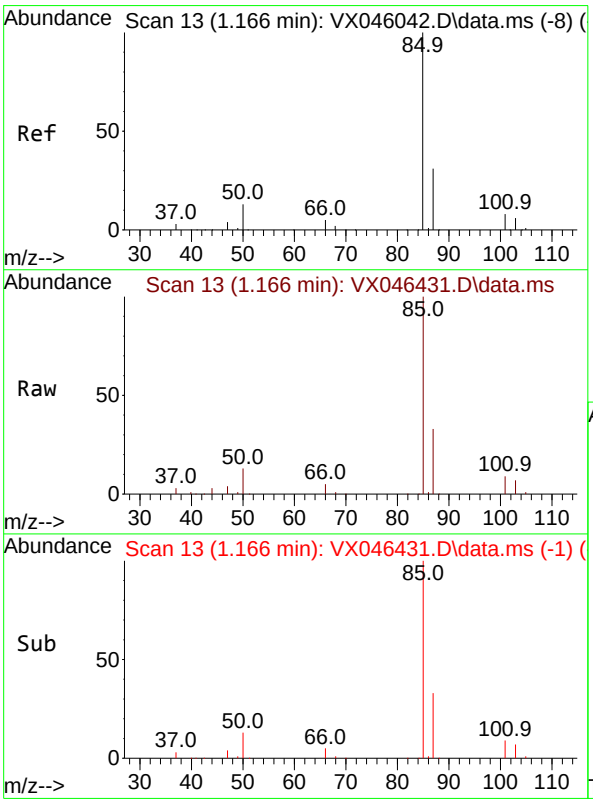
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 74114

Ion	Ratio	Lower	Upper
168	100		
99	71.7	54.9	82.3

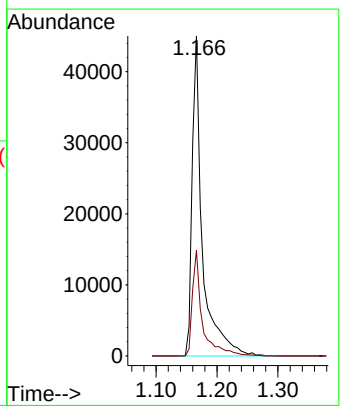


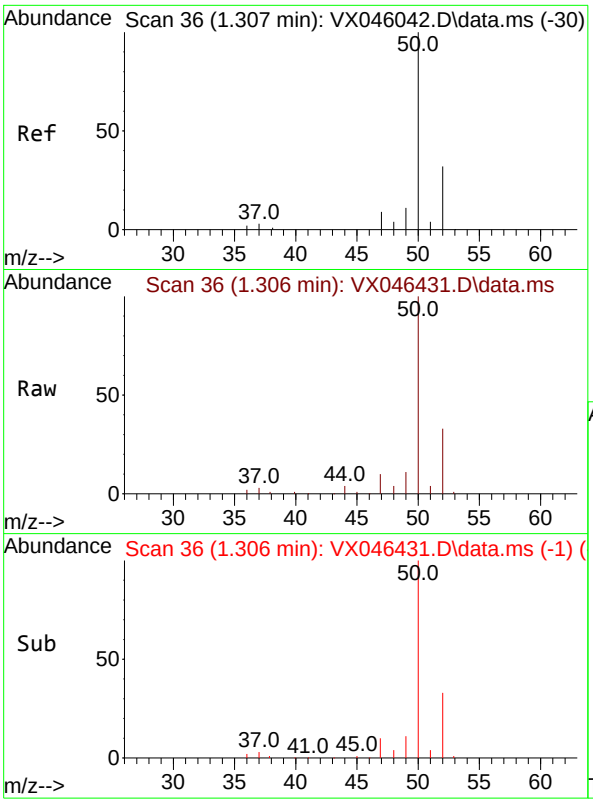


#2
Dichlorodifluoromethane
Concen: 46.138 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 85 Resp: 52337

Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1



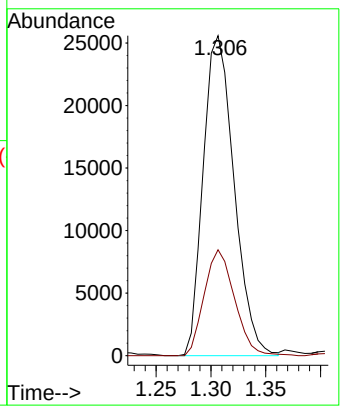


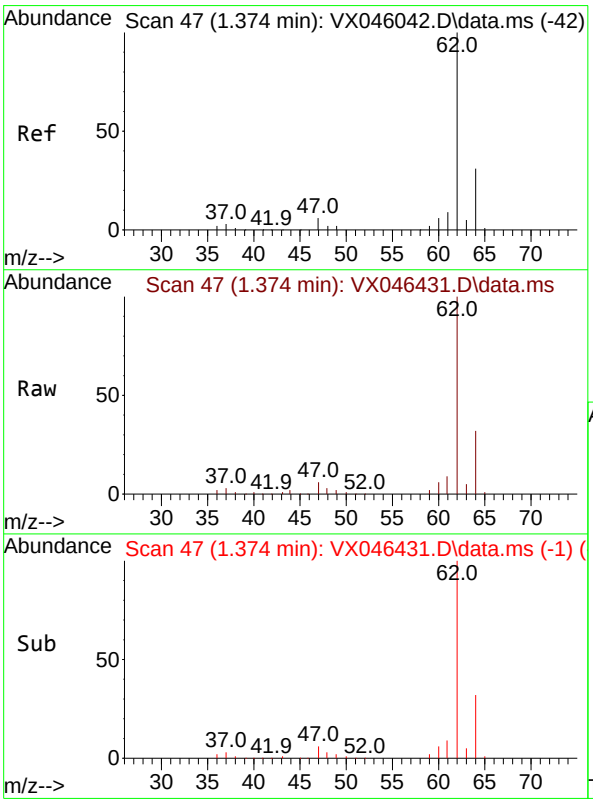
#3
Chloromethane
Concen: 45.654 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 50222

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.4	38.2

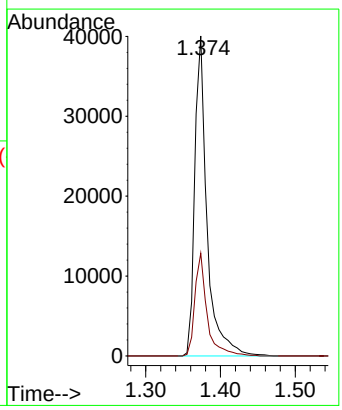


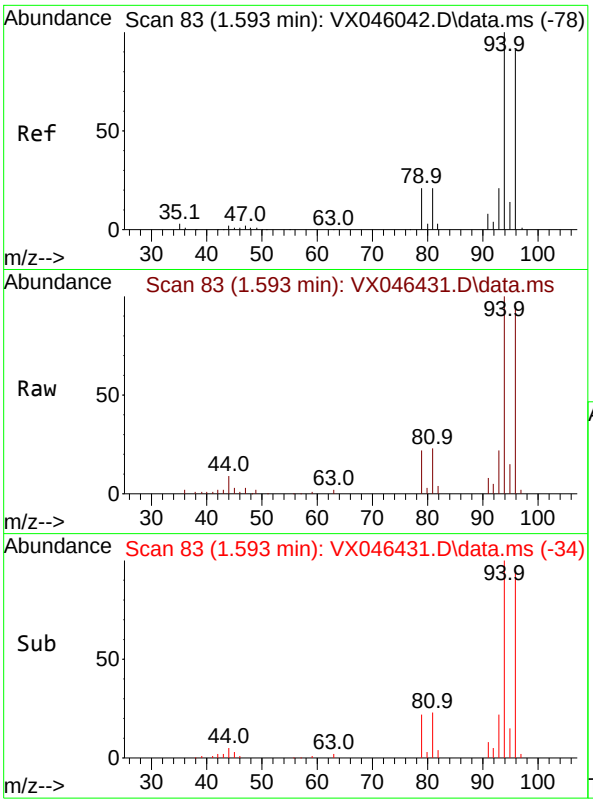


#4
Vinyl Chloride
Concen: 44.512 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 62 Resp: 45572

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.2	37.8



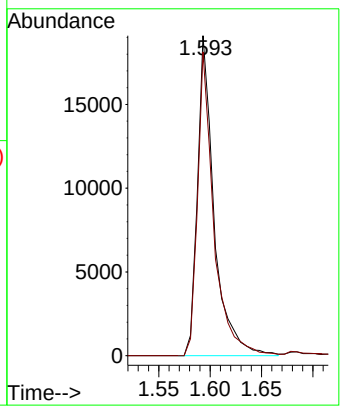


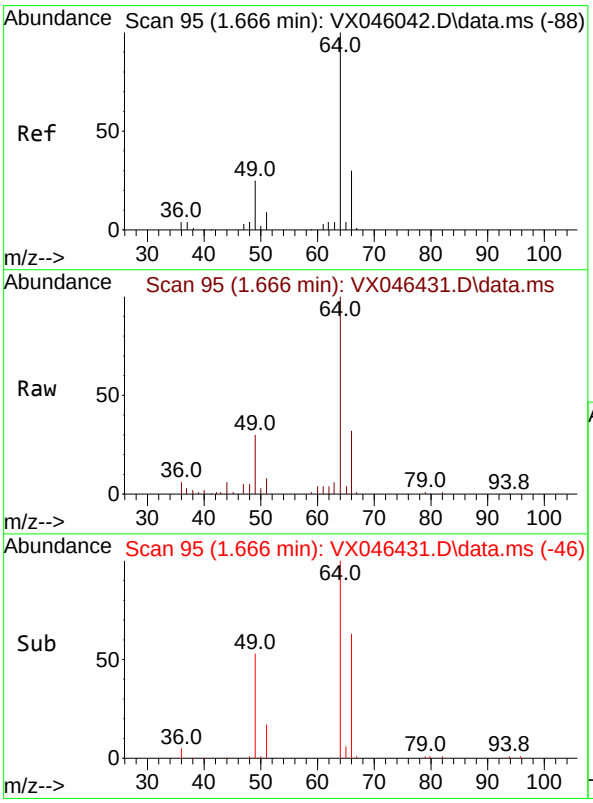
#5
Bromomethane
Concen: 45.454 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 21584

Ion	Ratio	Lower	Upper
94	100		
96	94.9	72.8	109.2

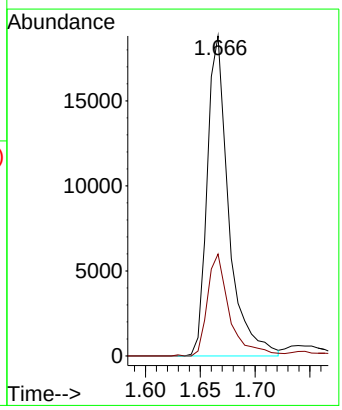


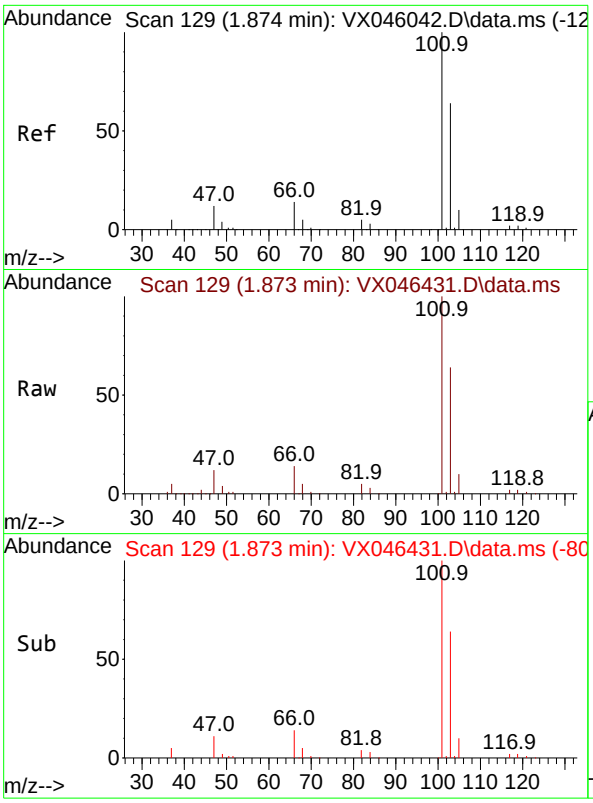


#6
Chloroethane
Concen: 46.916 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 64 Resp: 25642

Ion	Ratio	Lower	Upper
64	100		
66	31.5	24.3	36.5



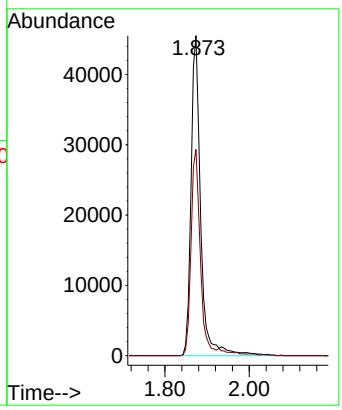


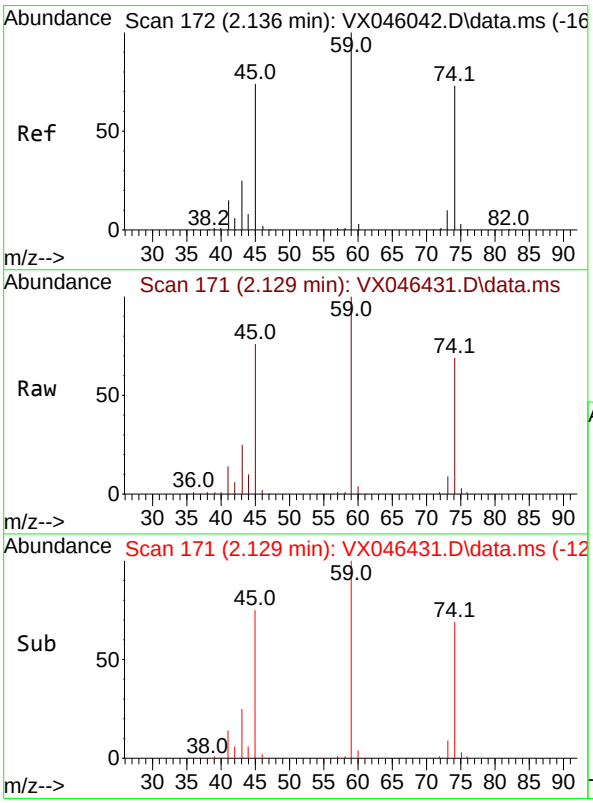
#7
Trichlorofluoromethane
Concen: 47.936 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 72532

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.0	76.4

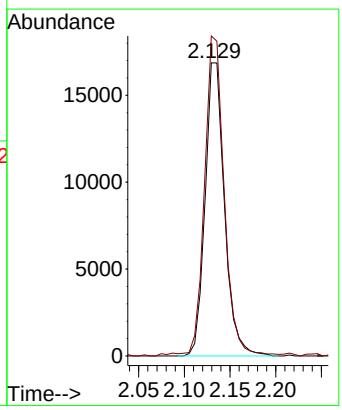


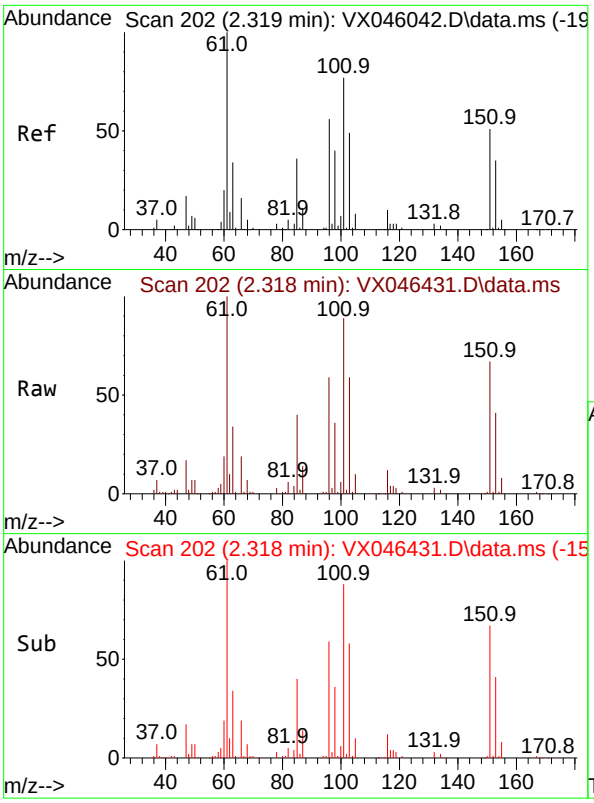


#8
Diethyl Ether
Concen: 48.314 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 74 Resp: 24886

Ion	Ratio	Lower	Upper
74	100		
45	111.2	54.9	164.8



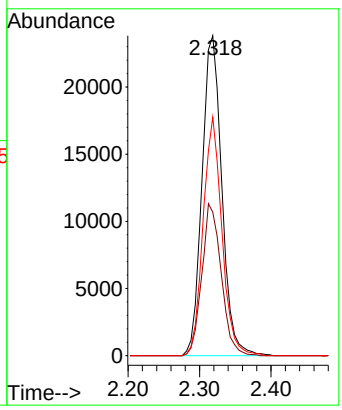


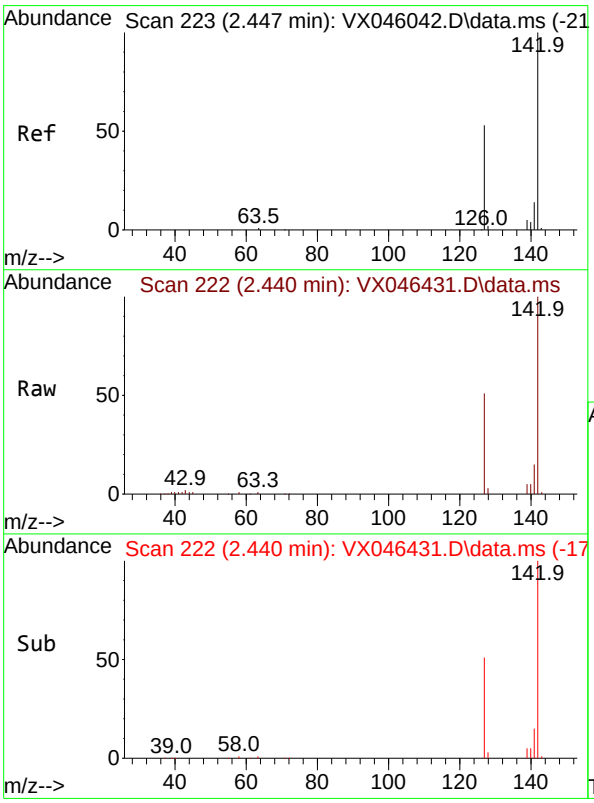
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.943 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 45829

Ion	Ratio	Lower	Upper
101	100		
85	46.4	38.6	58.0
151	70.9	55.2	82.8

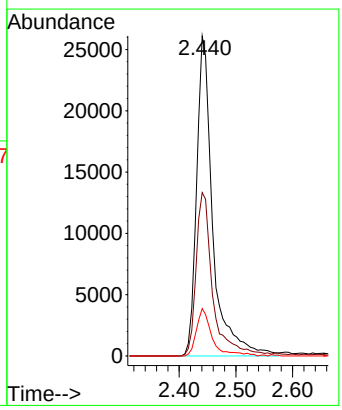


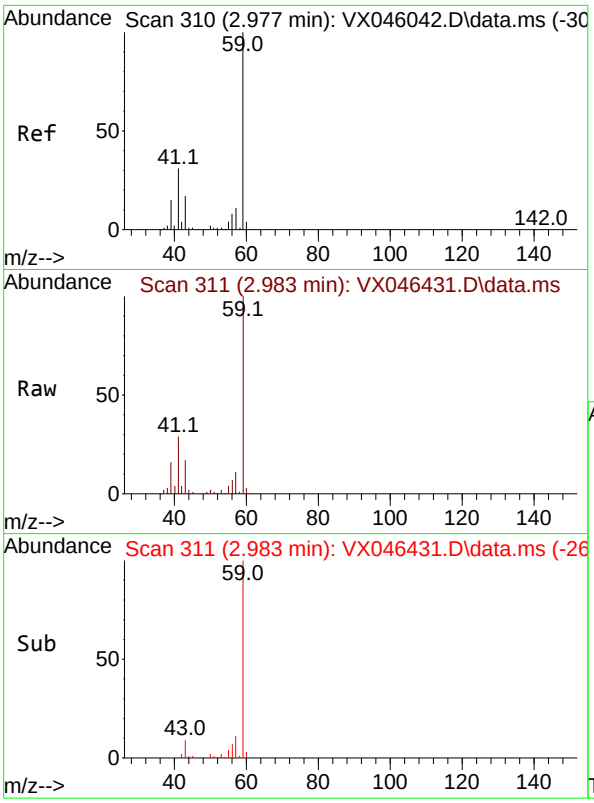


#10
Methyl Iodide
Concen: 46.760 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:142 Resp: 51809

Ion	Ratio	Lower	Upper
142	100		
127	52.5	41.7	62.5
141	14.2	11.5	17.3



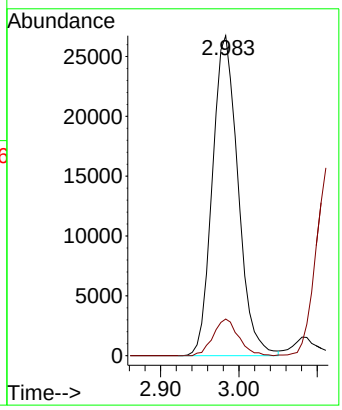


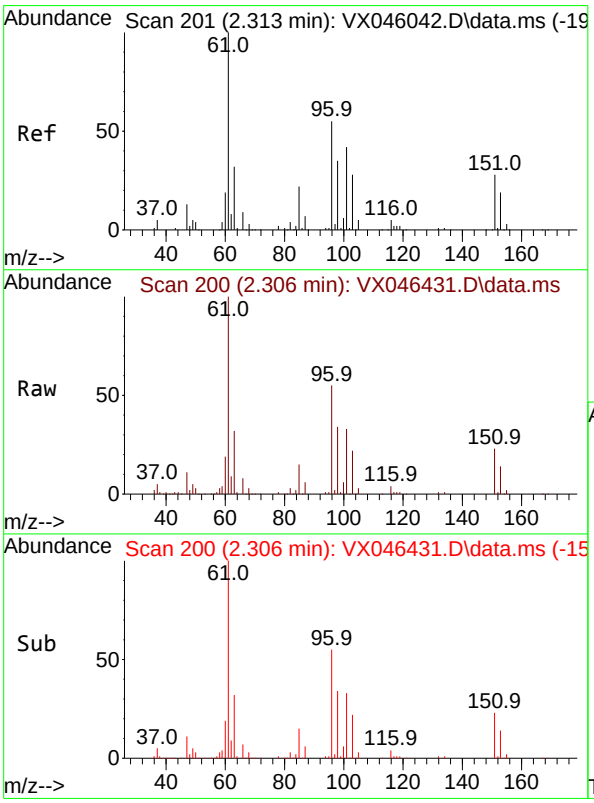
#11
Tert butyl alcohol
Concen: 313.593 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 60822

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.6	12.8

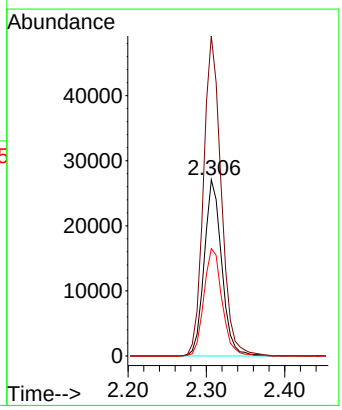


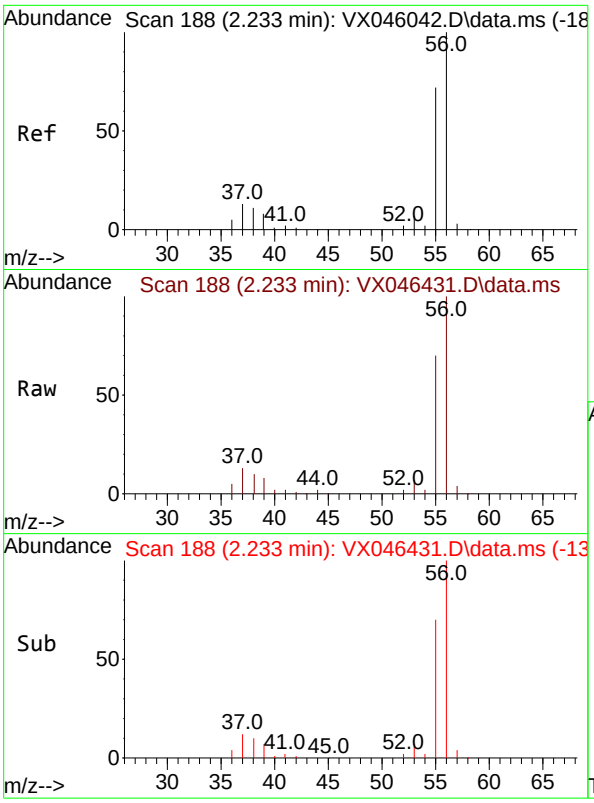


#12
1,1-Dichloroethene
Concen: 47.743 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 96 Resp: 41957

Ion	Ratio	Lower	Upper
96	100		
61	181.7	146.2	219.2
98	61.0	51.0	76.6



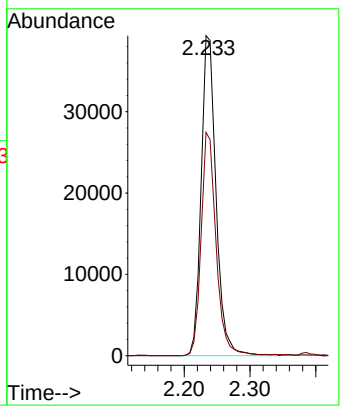


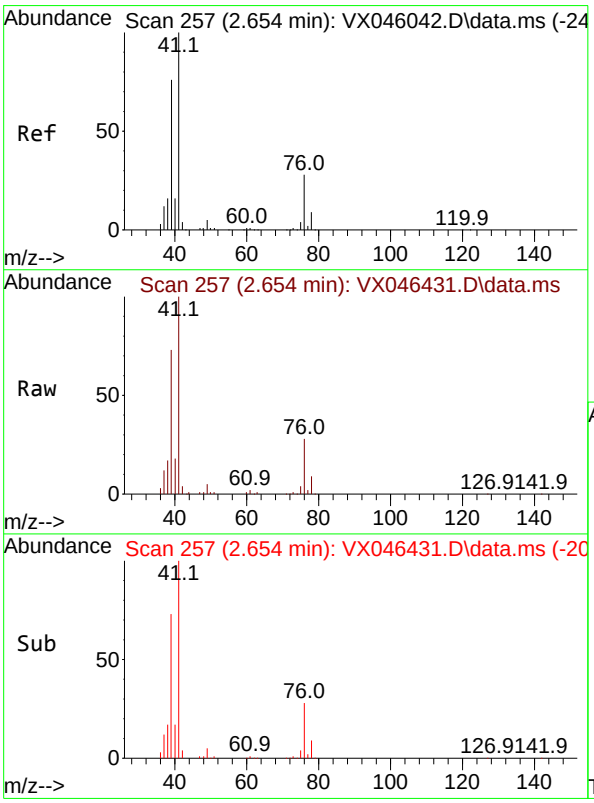
#13
Acrolein
Concen: 280.627 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 61985

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.2	84.4

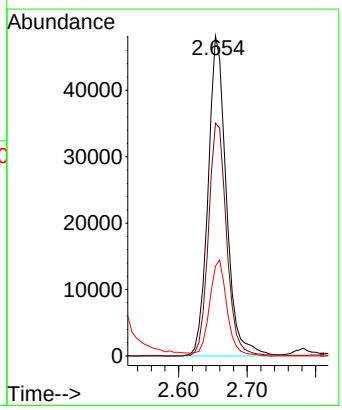


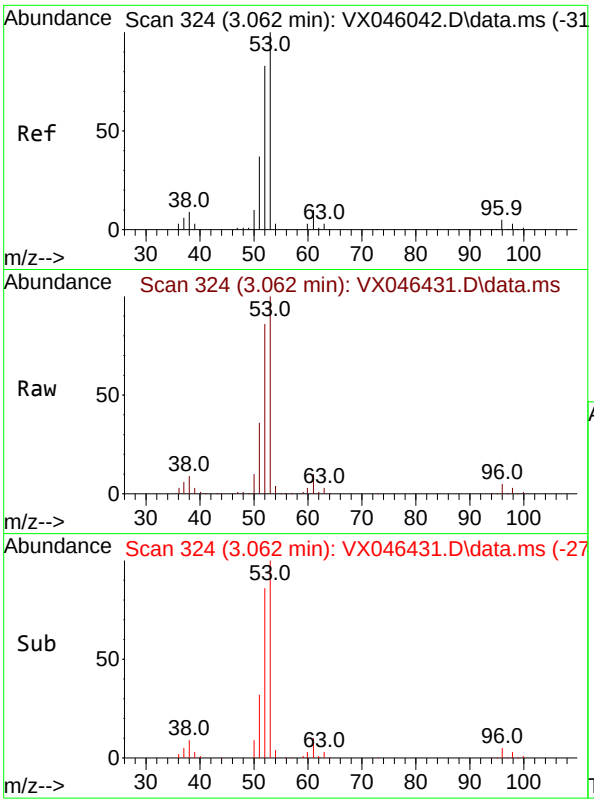


#14
Allyl chloride
Concen: 53.151 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 89270

Ion	Ratio	Lower	Upper
41	100		
39	72.2	60.6	90.8
76	28.5	24.9	37.3



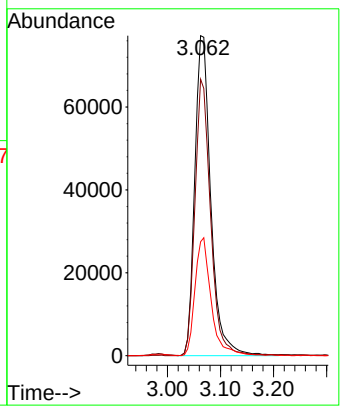


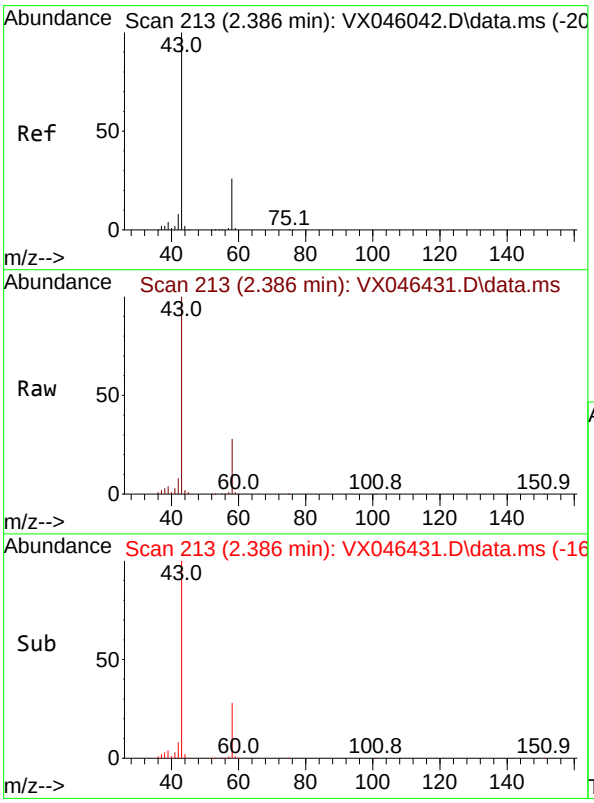
#15
Acrylonitrile
Concen: 293.541 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 162796

Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	37.1	29.8	44.8

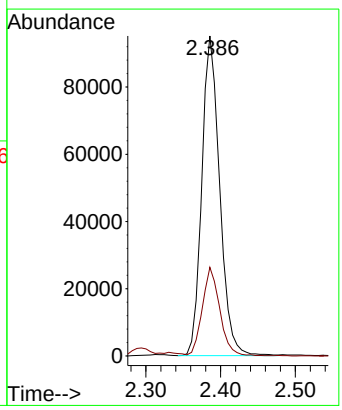


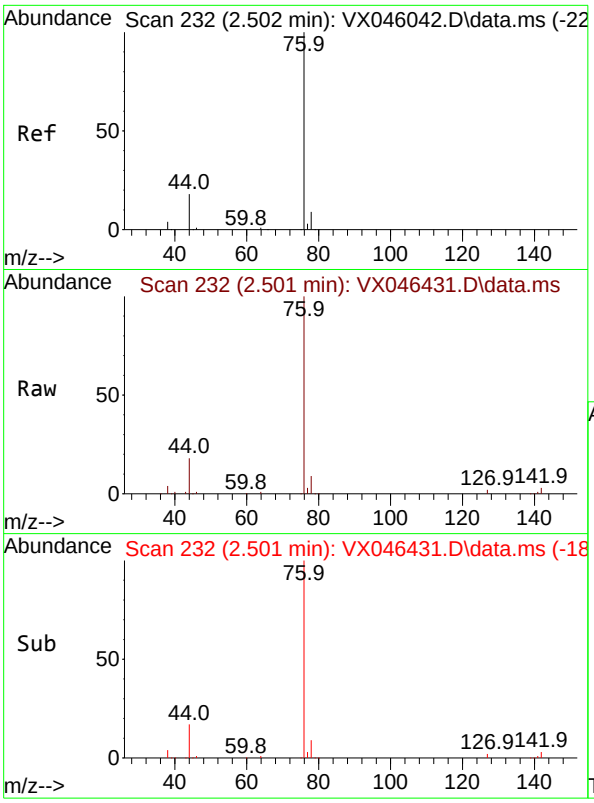


#16
Acetone
Concen: 285.403 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 158115

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8



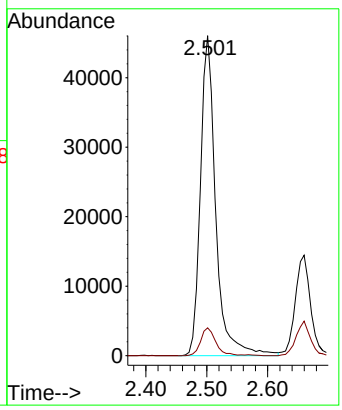


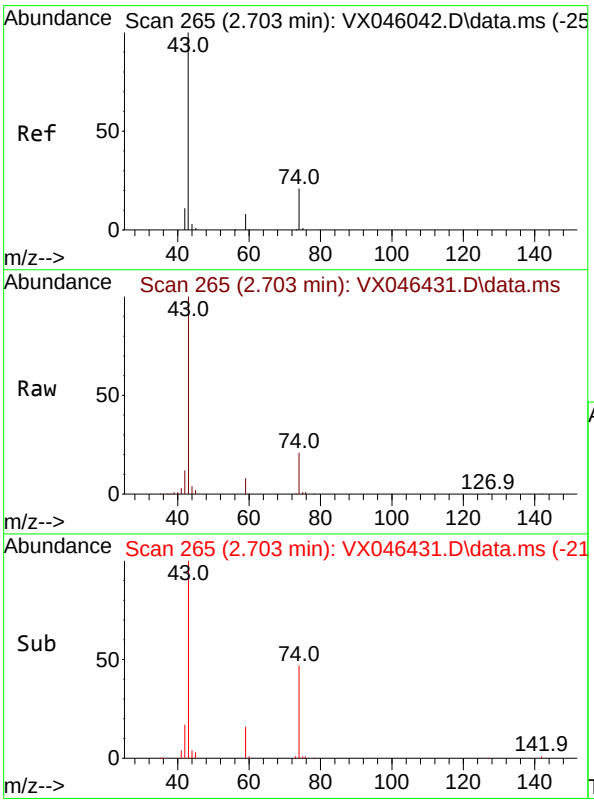
#17
Carbon Disulfide
Concen: 38.590 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 80402

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

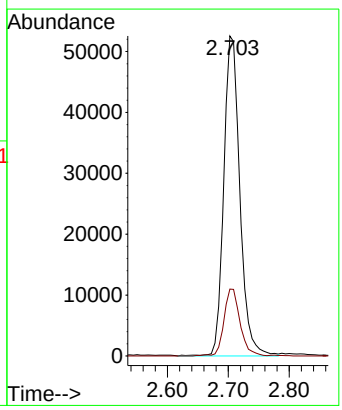


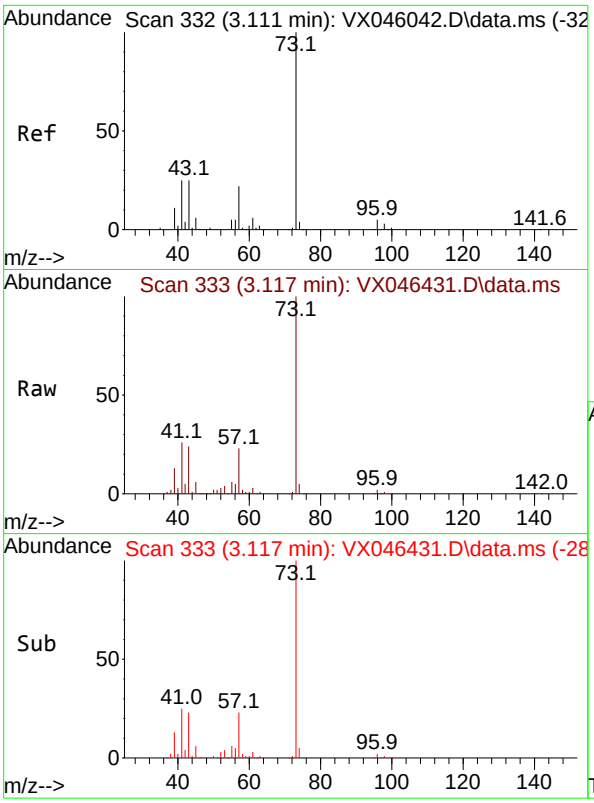


#18
Methyl Acetate
Concen: 75.091 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 96536

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1



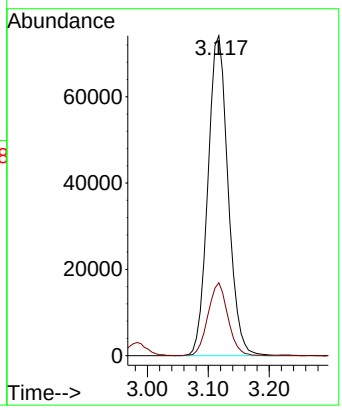


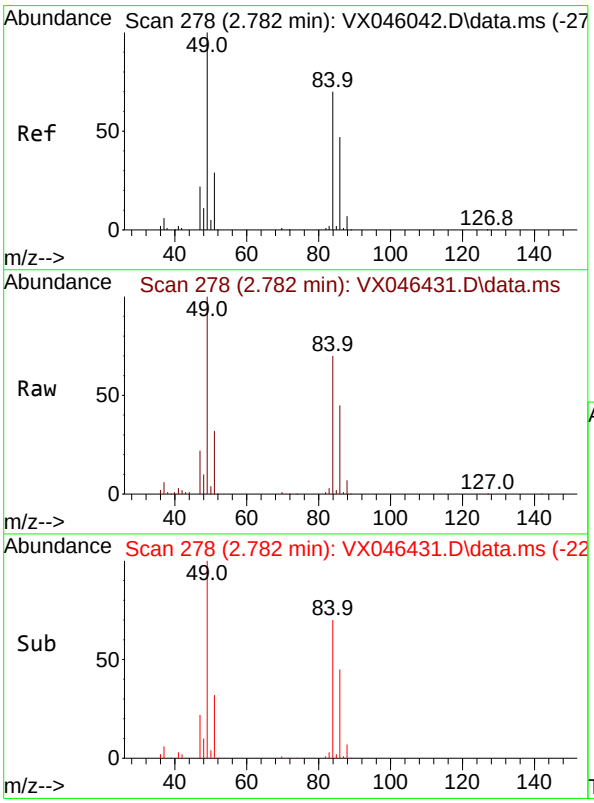
#19
Methyl tert-butyl Ether
Concen: 55.398 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 170684

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.7	26.5

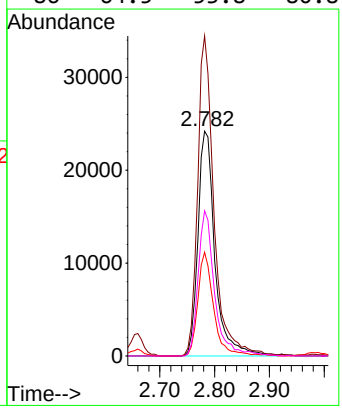


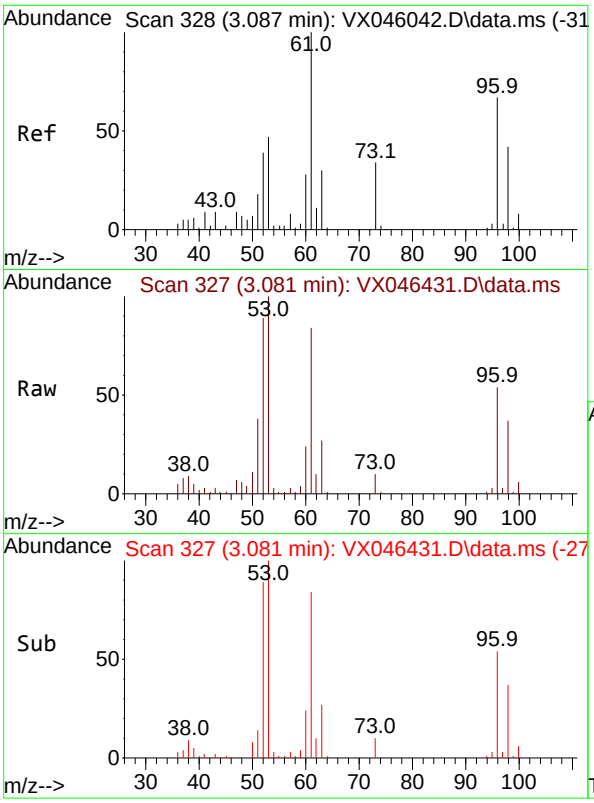


#20
Methylene Chloride
Concen: 49.194 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 84 Resp: 52227

Ion	Ratio	Lower	Upper
84	100		
49	142.3	113.9	170.9
51	46.1	33.5	50.3
86	64.5	53.8	80.8



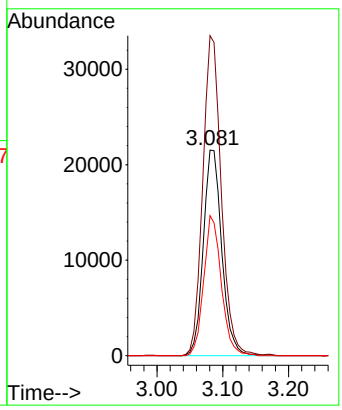


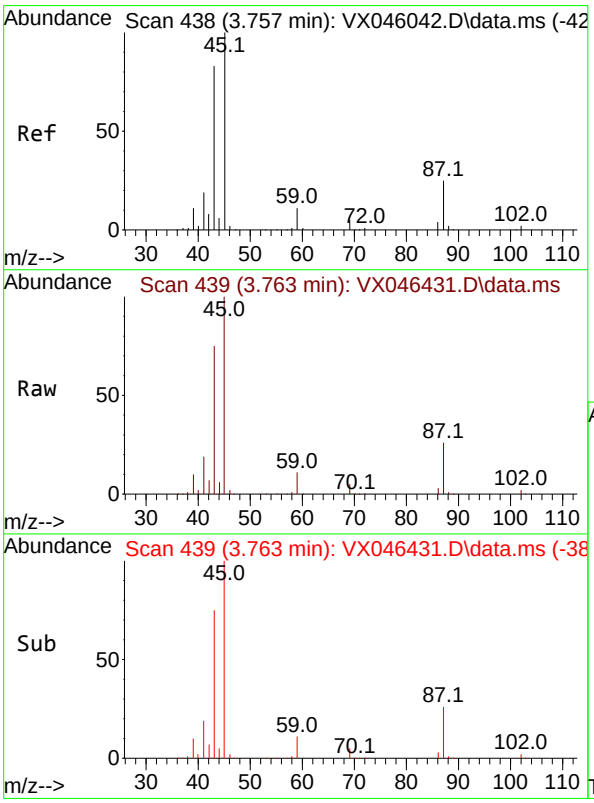
#21
trans-1,2-Dichloroethene
Concen: 47.561 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 42033

Ion	Ratio	Lower	Upper
96	100		
61	155.6	119.5	179.3
98	68.1	50.0	75.0

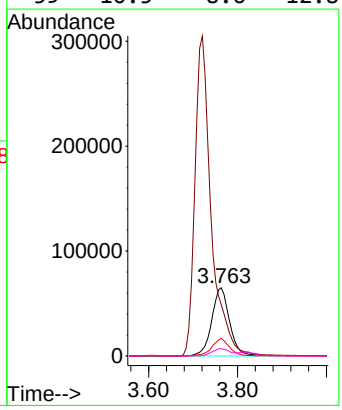


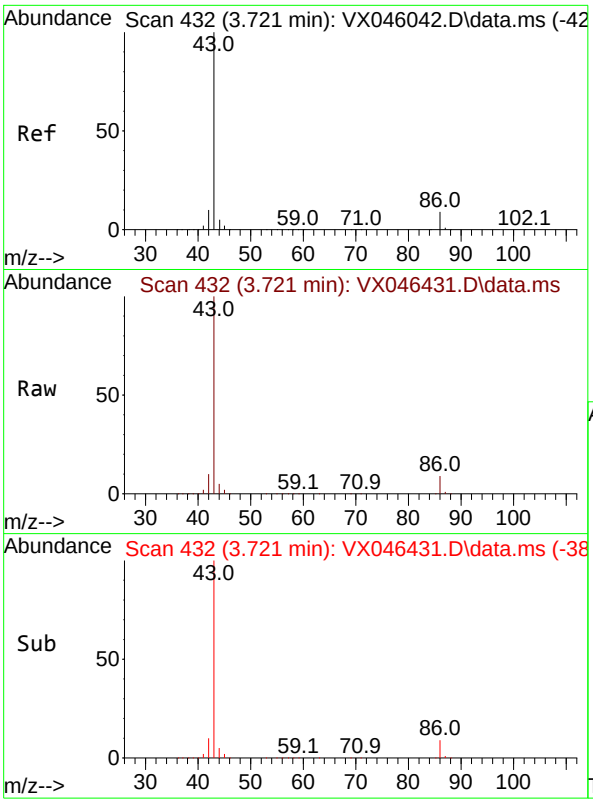


#22
Diisopropyl ether
Concen: 55.717 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 45 Resp: 180764

Ion	Ratio	Lower	Upper
45	100		
43	75.4	66.6	100.0
87	26.2	19.8	29.6
59	10.5	8.6	12.8



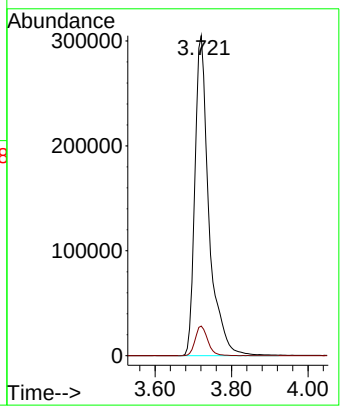


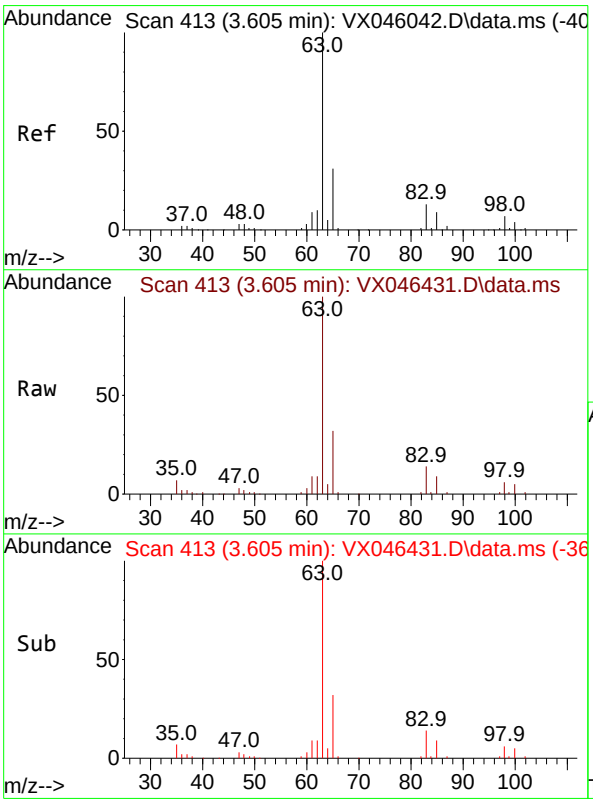
#23
Vinyl Acetate
Concen: 272.581 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 777807

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

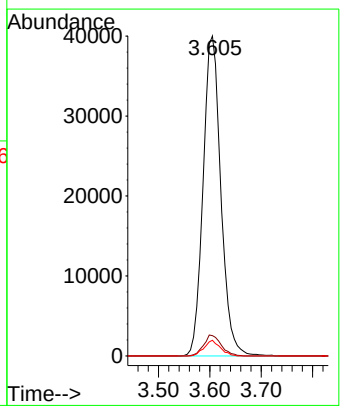


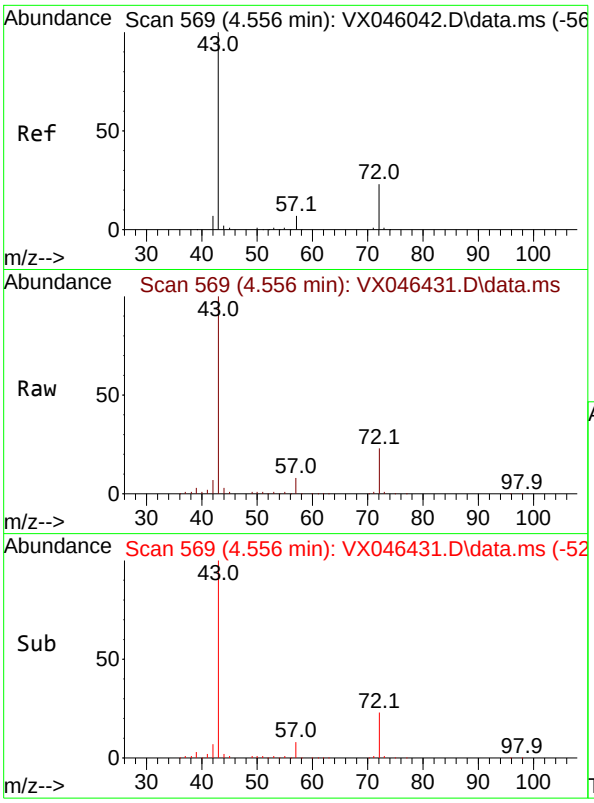


#24
1,1-Dichloroethane
Concen: 53.212 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 63 Resp: 96154

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.6	10.8
100	4.9	2.1	6.3



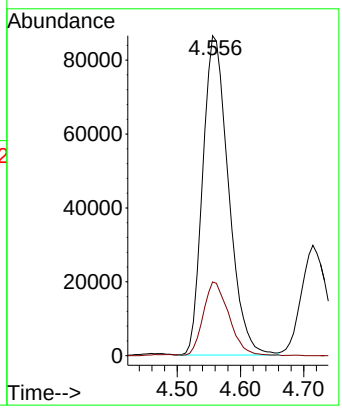


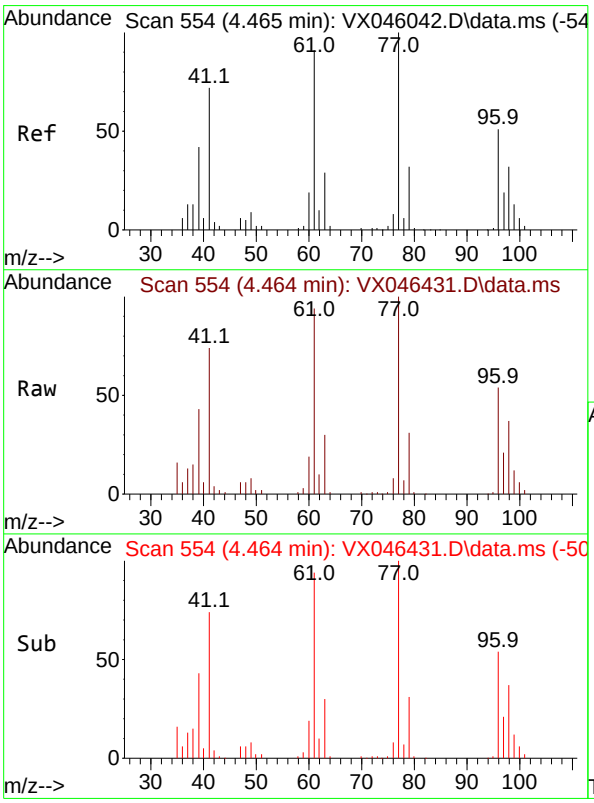
#25
2-Butanone
Concen: 304.288 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 244738

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.4	27.6

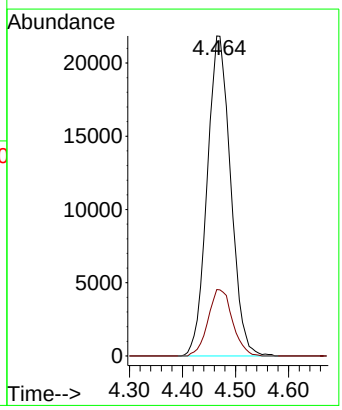


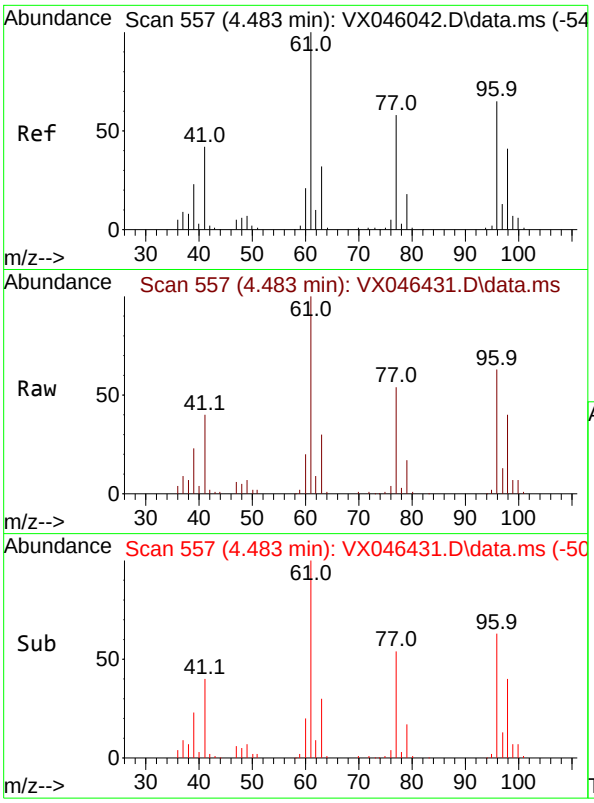


#26
2,2-Dichloropropane
Concen: 47.489 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 77 Resp: 67166

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.5	31.5



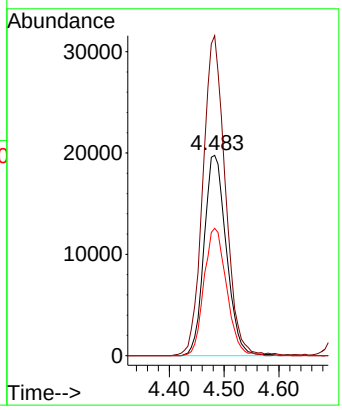


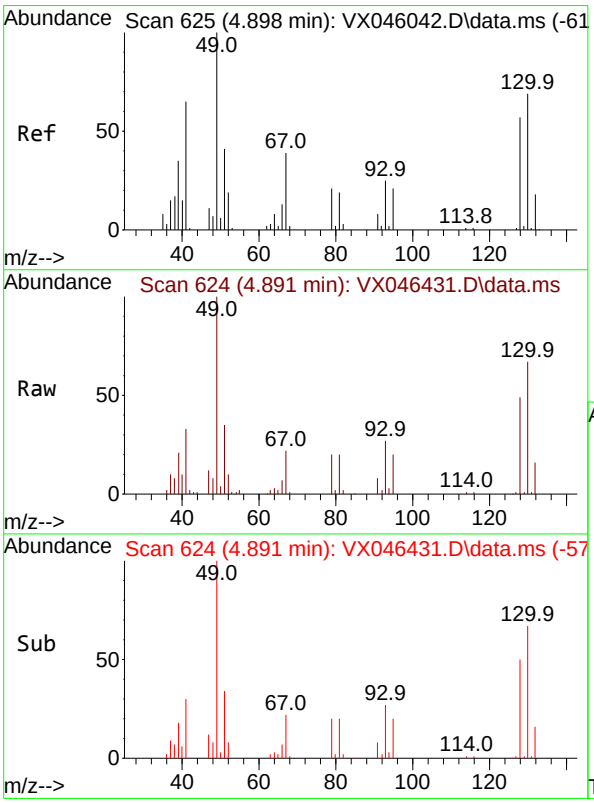
#27
cis-1,2-Dichloroethene
Concen: 52.367 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 55714

Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	322.8
98	64.3	0.0	129.0

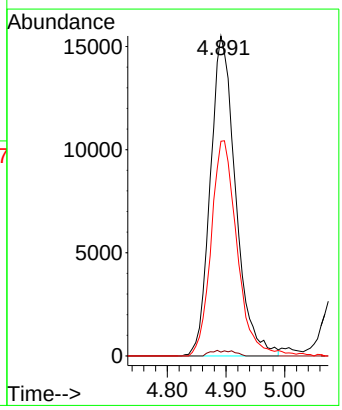


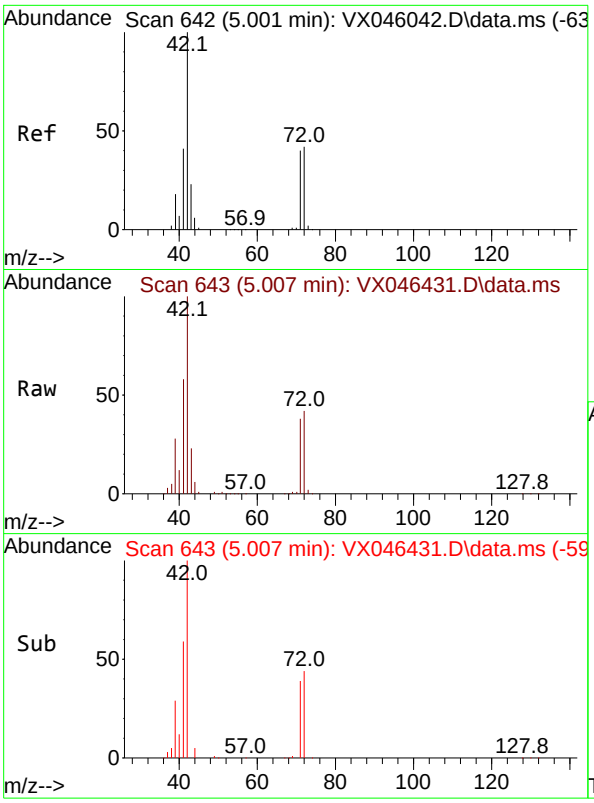


#28
Bromochloromethane
Concen: 53.277 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 49 Resp: 46340

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	69.1	56.2	84.2



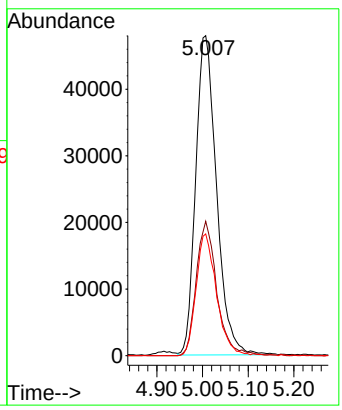


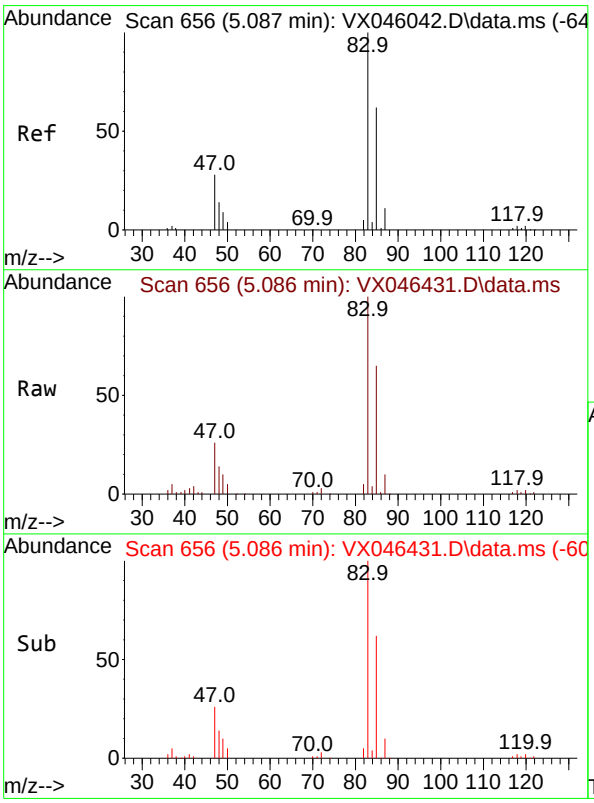
#29
Tetrahydrofuran
Concen: 301.498 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 151953

Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	37.3	31.4	47.2

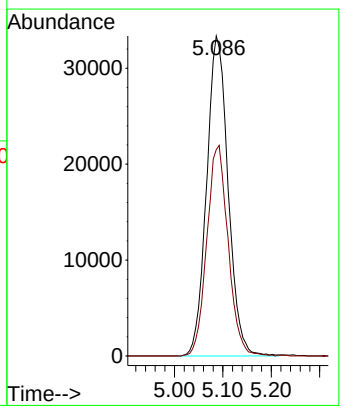


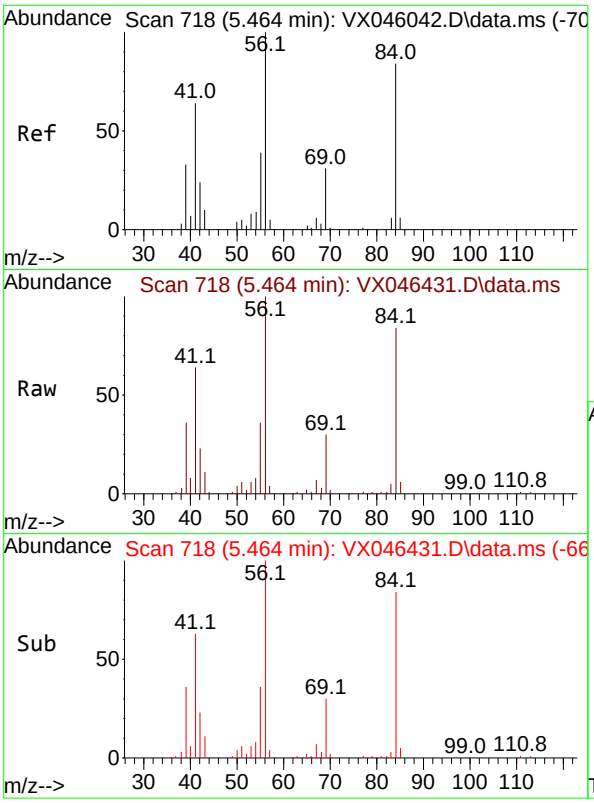


#30
Chloroform
Concen: 54.718 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 103059

Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.3	73.9



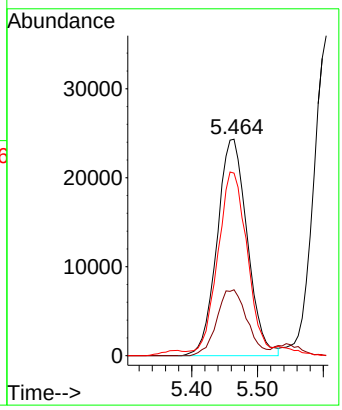


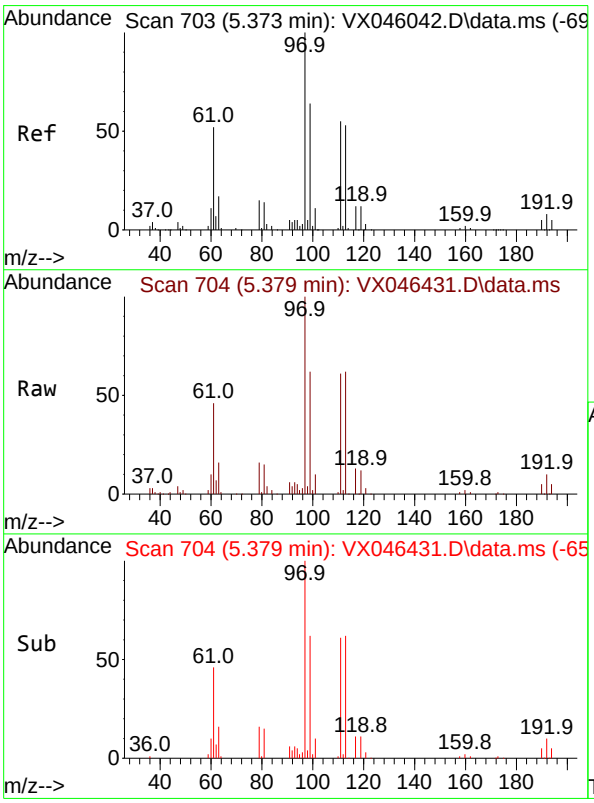
#31
Cyclohexane
Concen: 47.127 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 77602

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	81.9	66.9	100.3

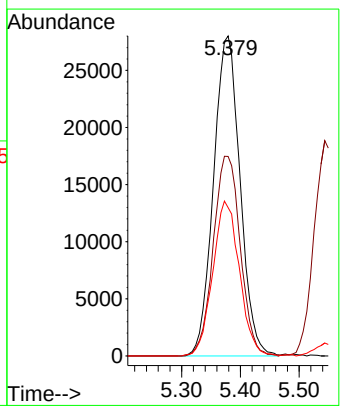


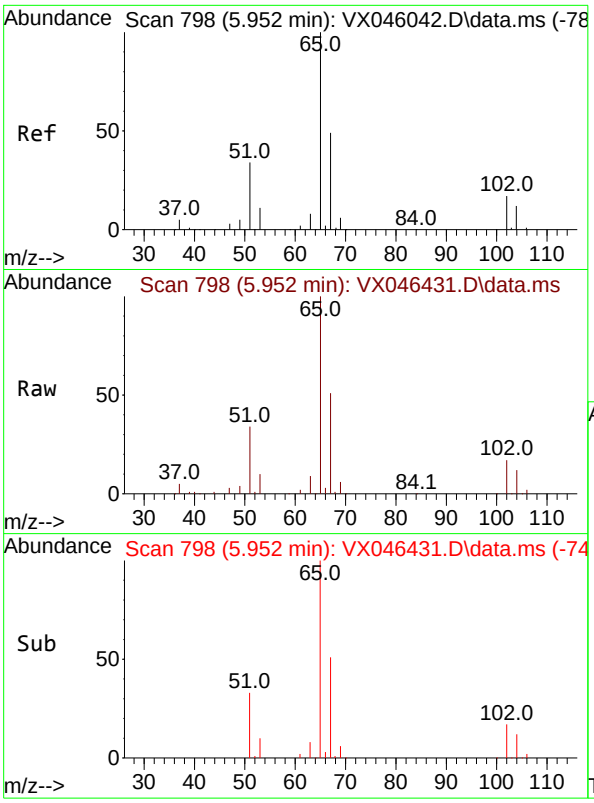


#32
1,1,1-Trichloroethane
Concen: 53.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 97 Resp: 87897

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	48.7	40.1	60.1



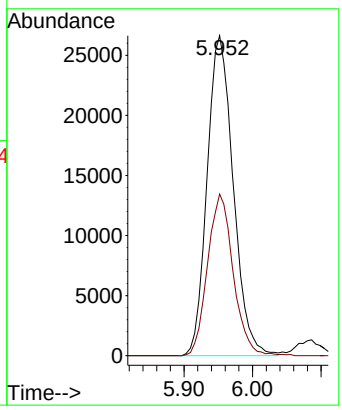


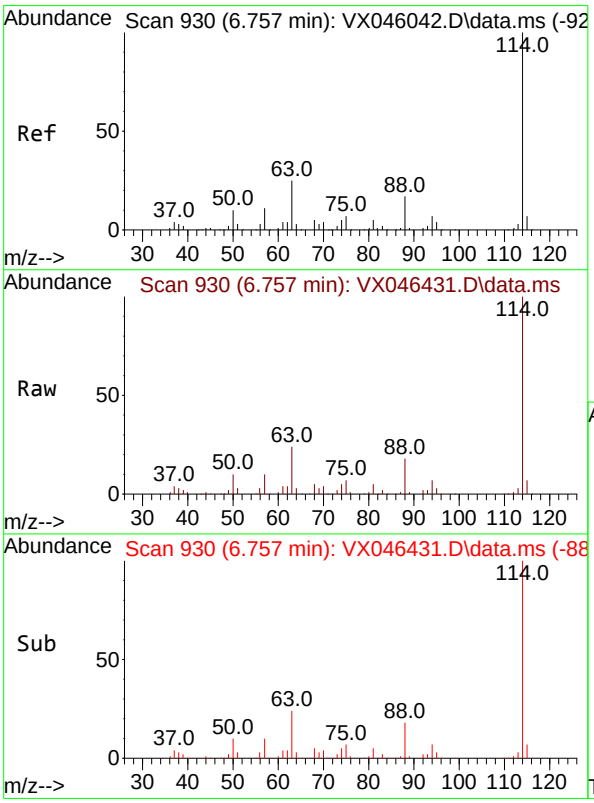
#33
1,2-Dichloroethane-d4
Concen: 51.122 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 70637

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.0

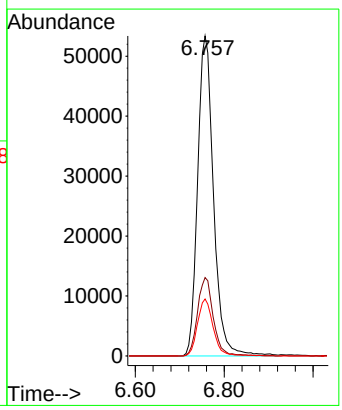


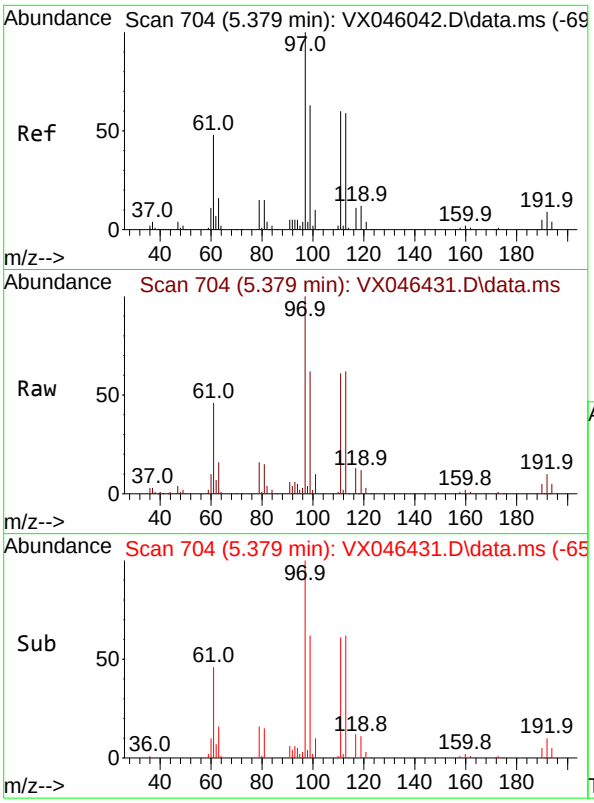


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:114 Resp: 133003

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	17.8	0.0	33.6



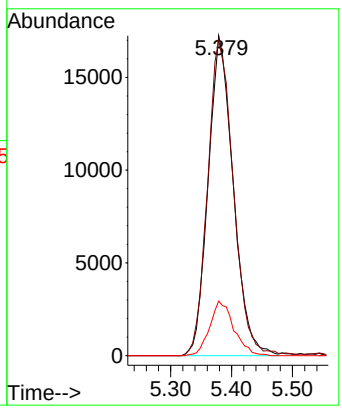


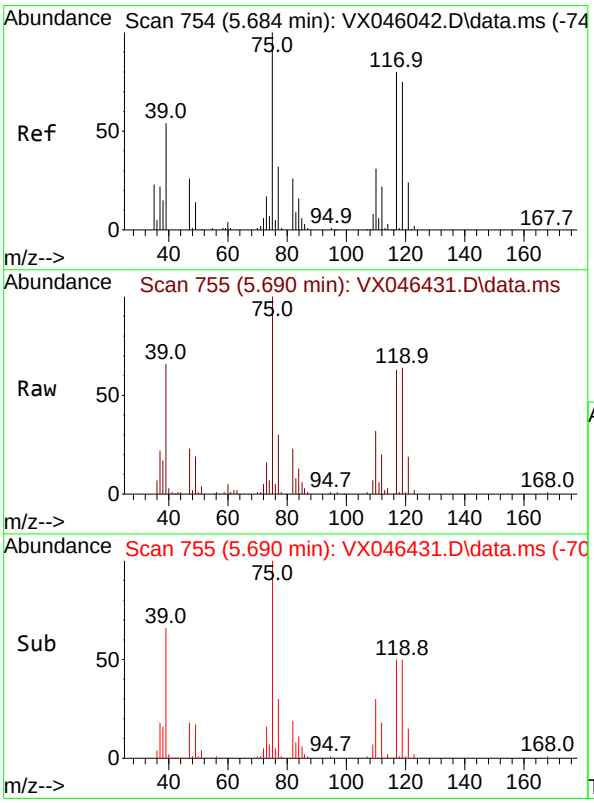
#35
Dibromofluoromethane
Concen: 51.372 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 49202

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.1	124.7
192	16.5	13.3	19.9

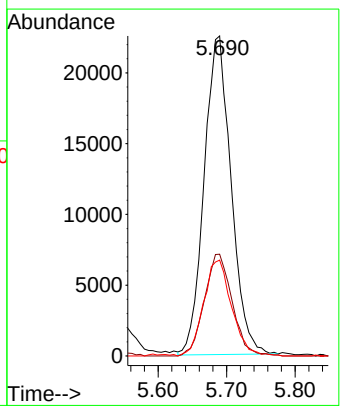


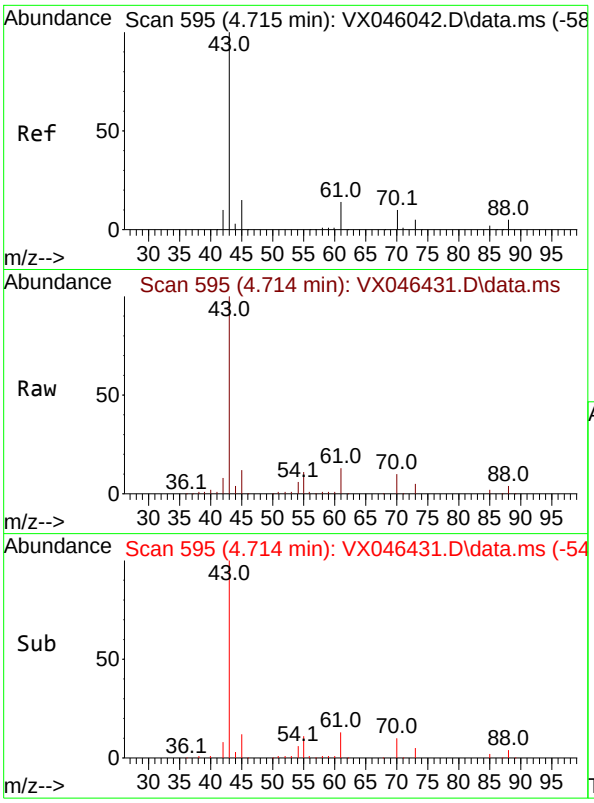


#36
1,1-Dichloropropene
Concen: 47.863 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 61592

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.3	48.9
77	31.3	24.3	36.5



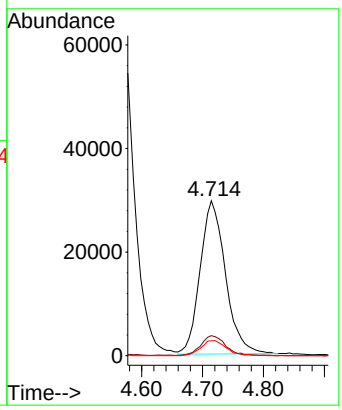


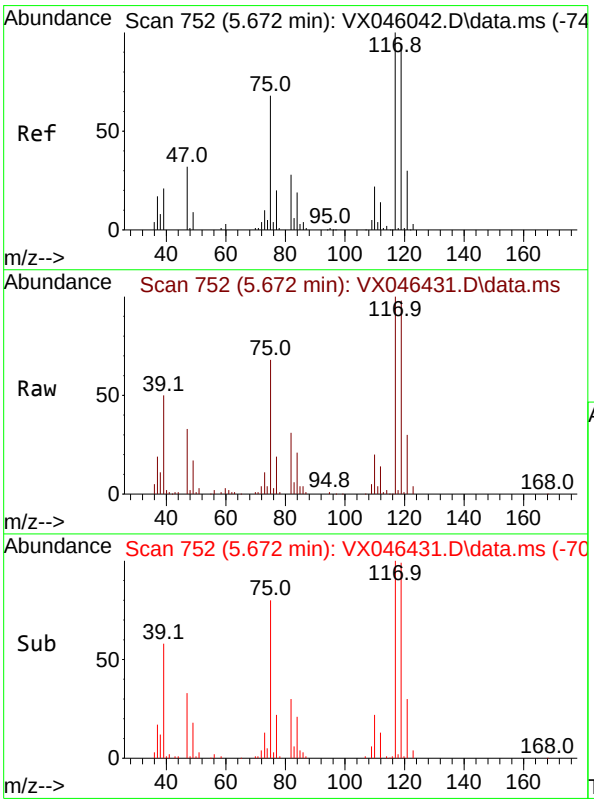
#37
Ethyl Acetate
Concen: 53.781 ug/l
RT: 4.714 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 85506

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.3	15.5
70	9.8	7.9	11.9

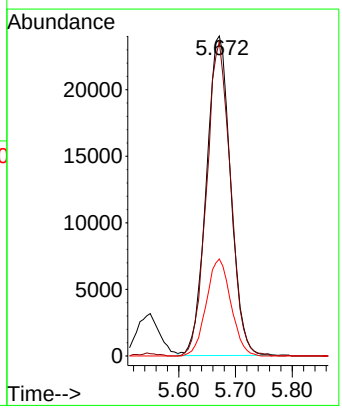


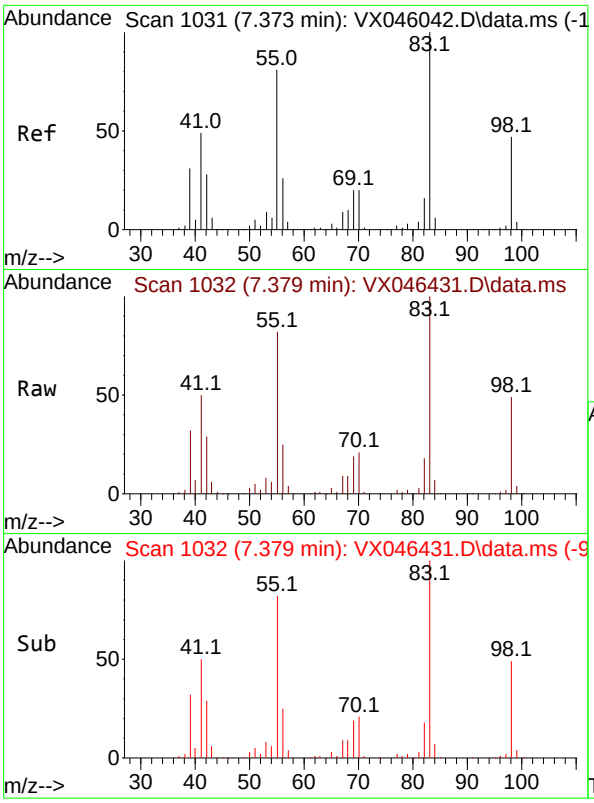


#38
Carbon Tetrachloride
Concen: 49.348 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:117 Resp: 71351

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.2	112.8
121	30.4	24.2	36.4



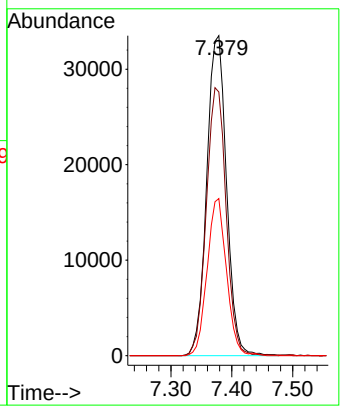


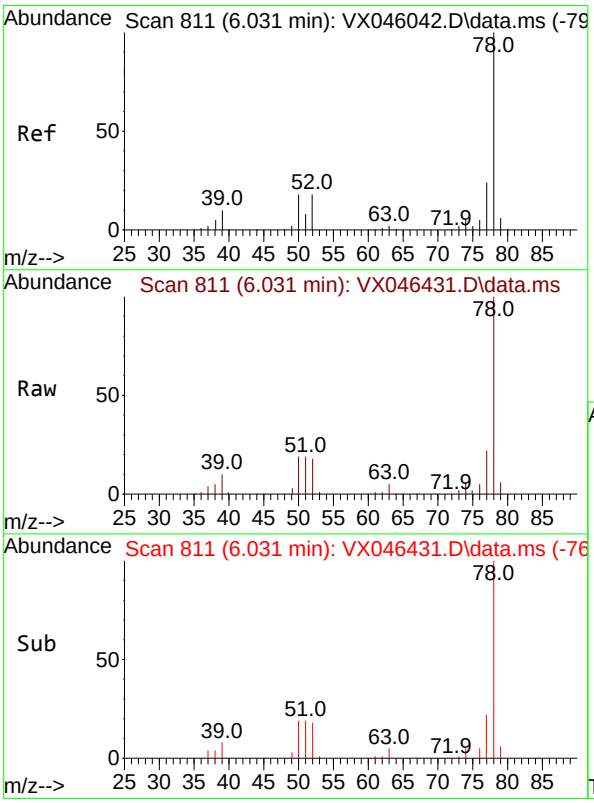
#39
Methylcyclohexane
Concen: 45.703 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 75716

Ion	Ratio	Lower	Upper
83	100		
55	82.4	64.7	97.1
98	49.1	37.4	56.2

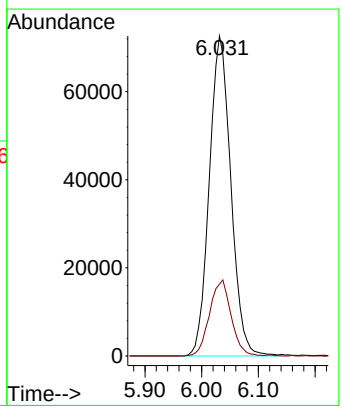


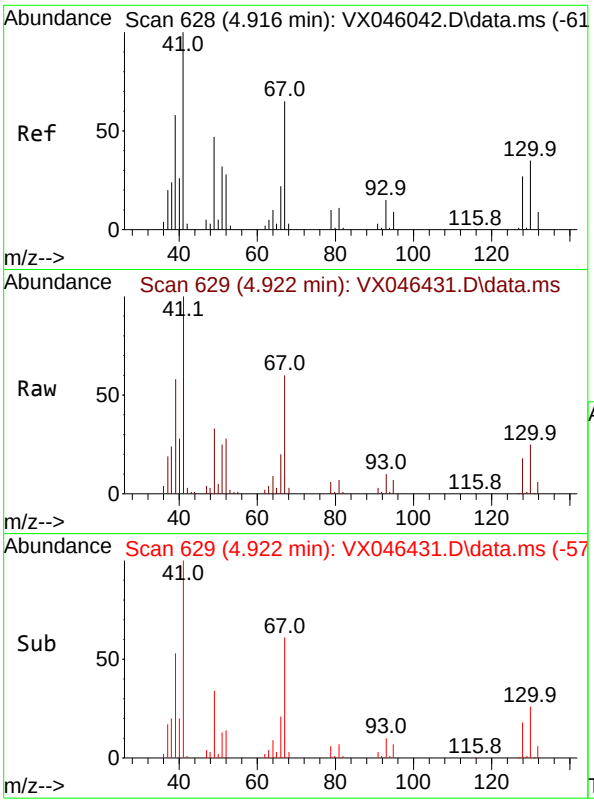


#40
Benzene
Concen: 50.909 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 78 Resp: 191891

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4



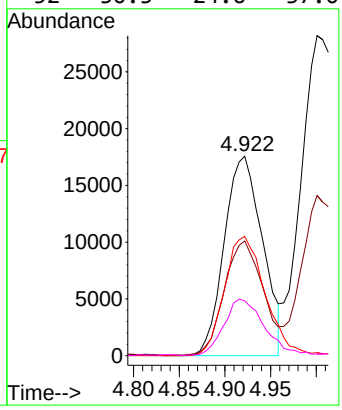


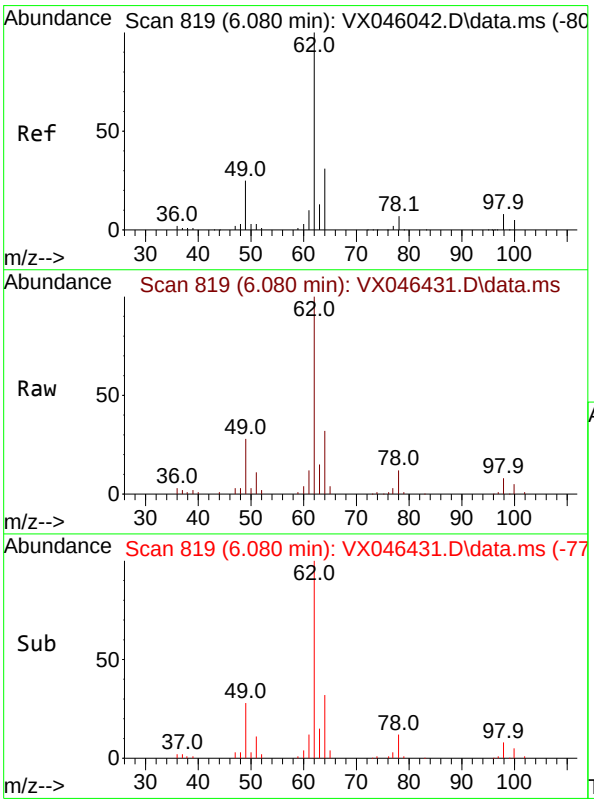
#41
Methacrylonitrile
Concen: 61.498 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 51148

Ion	Ratio	Lower	Upper
41	100		
39	58.1	47.2	70.8
67	64.5	50.7	76.1
52	30.3	24.6	37.0

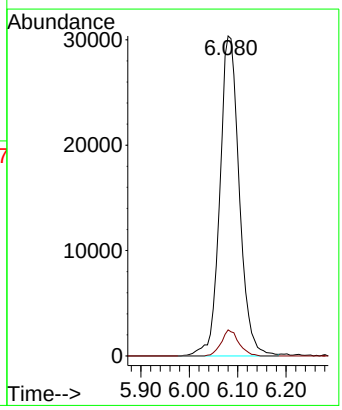


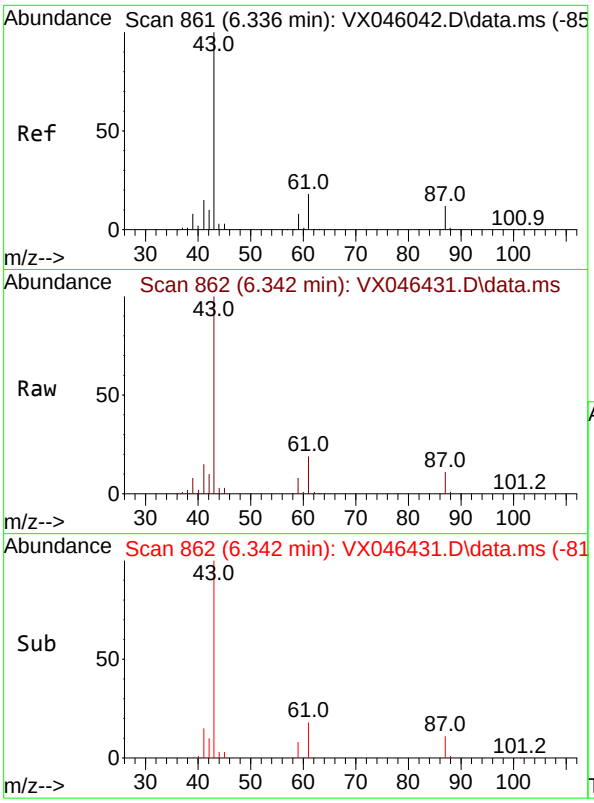


#42
1,2-Dichloroethane
Concen: 52.168 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 62 Resp: 84867

Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.2



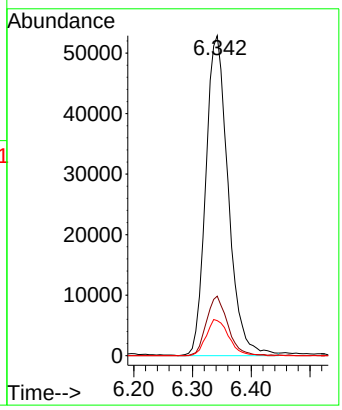


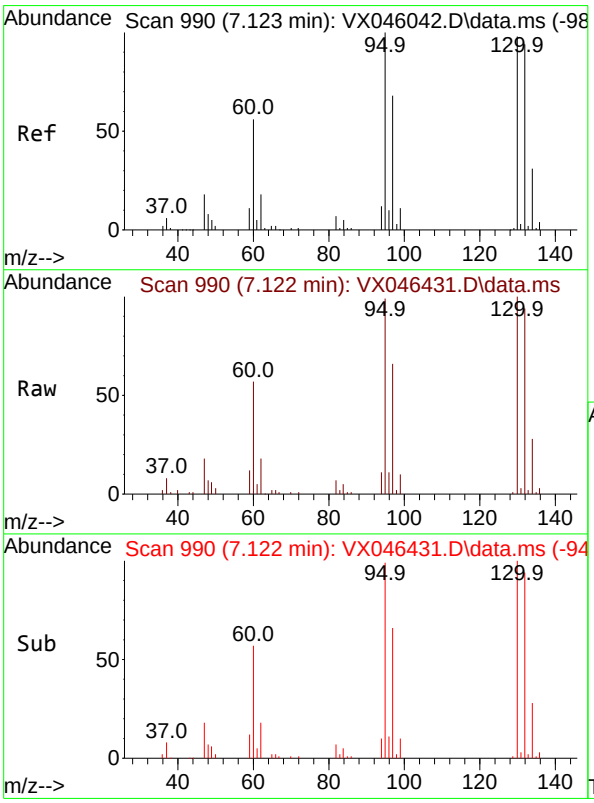
#43
Isopropyl Acetate
Concen: 57.828 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 140262

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.3	21.5
87	11.3	9.5	14.3

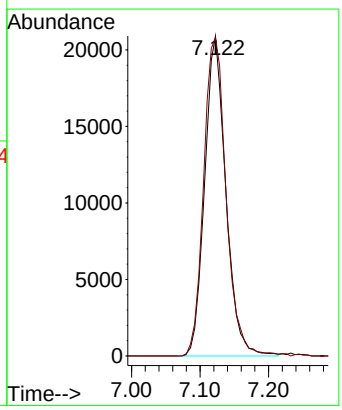


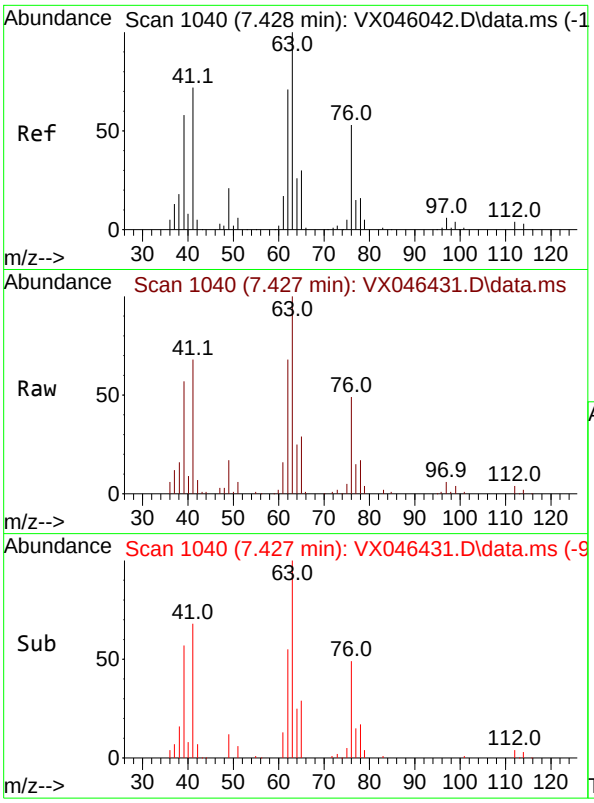


#44
Trichloroethene
Concen: 49.514 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:130 Resp: 44919

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	204.2



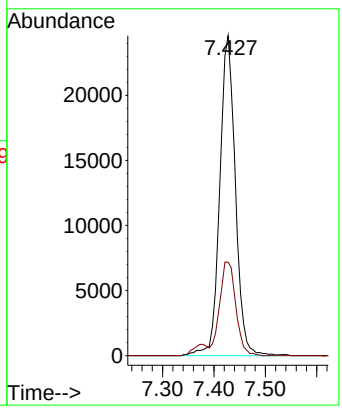


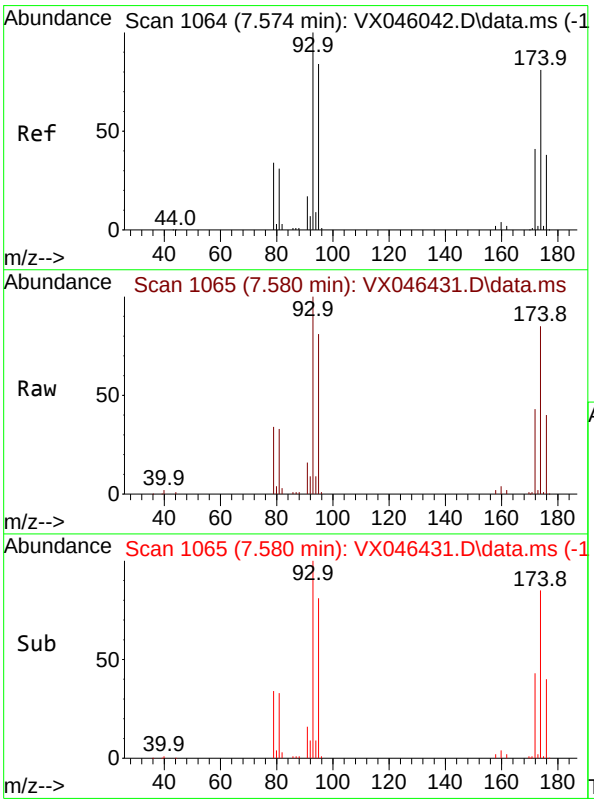
#45
1,2-Dichloropropane
Concen: 55.357 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 51884

Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.1	36.1

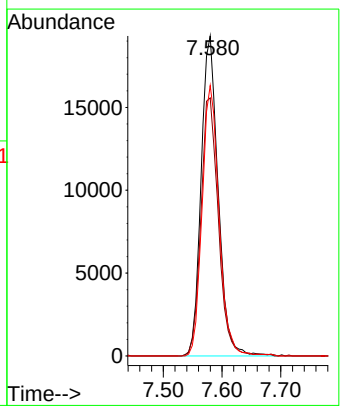


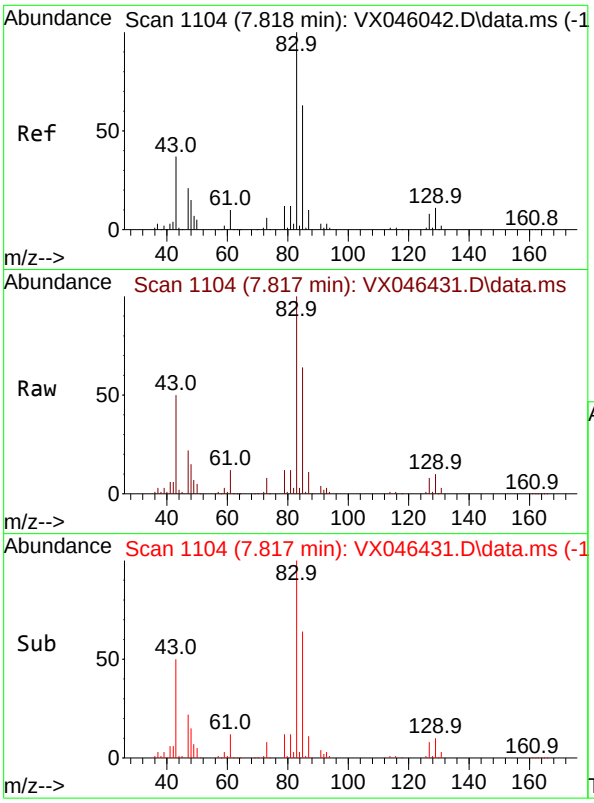


#46
Dibromomethane
Concen: 52.619 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 93 Resp: 38897

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	84.2	68.2	102.2



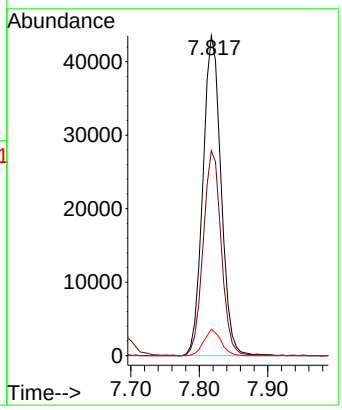


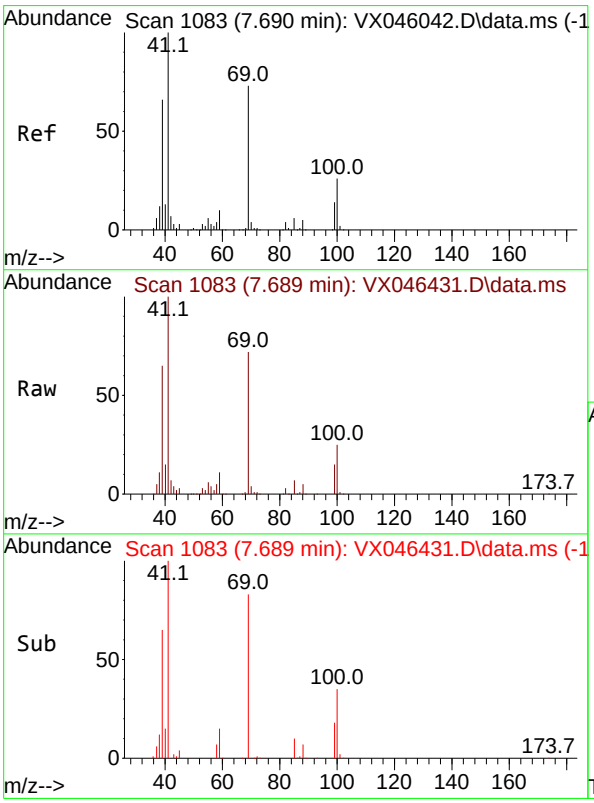
#47
Bromodichloromethane
Concen: 55.161 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80312

Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.3	6.5	9.7

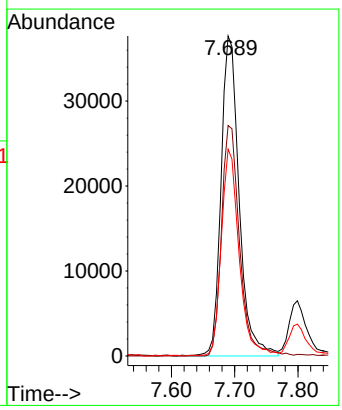


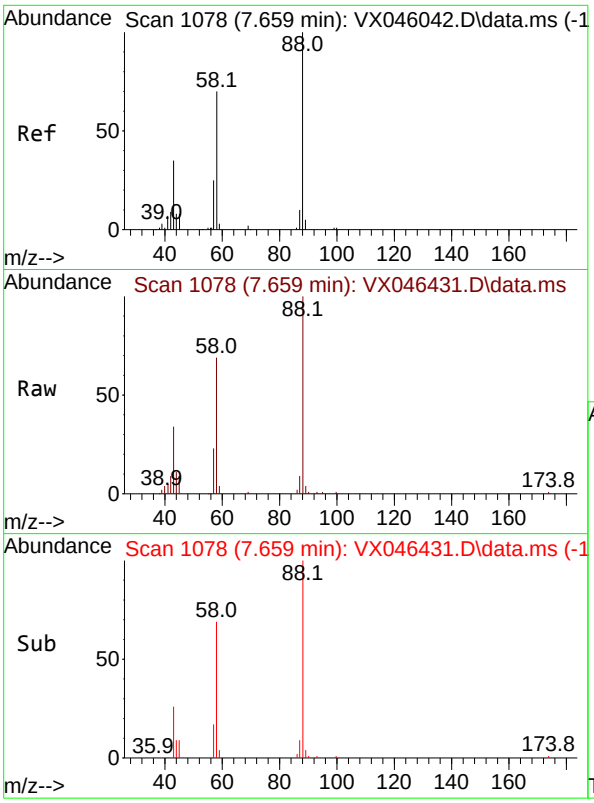


#48
Methyl methacrylate
Concen: 60.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 74586

Ion	Ratio	Lower	Upper
41	100		
69	72.2	58.5	87.7
39	63.8	51.7	77.5



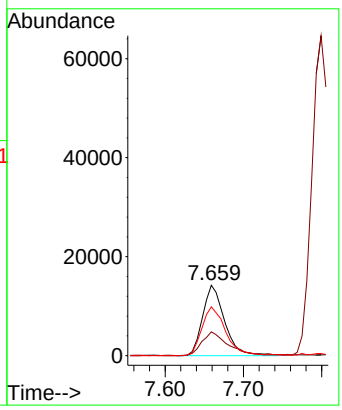


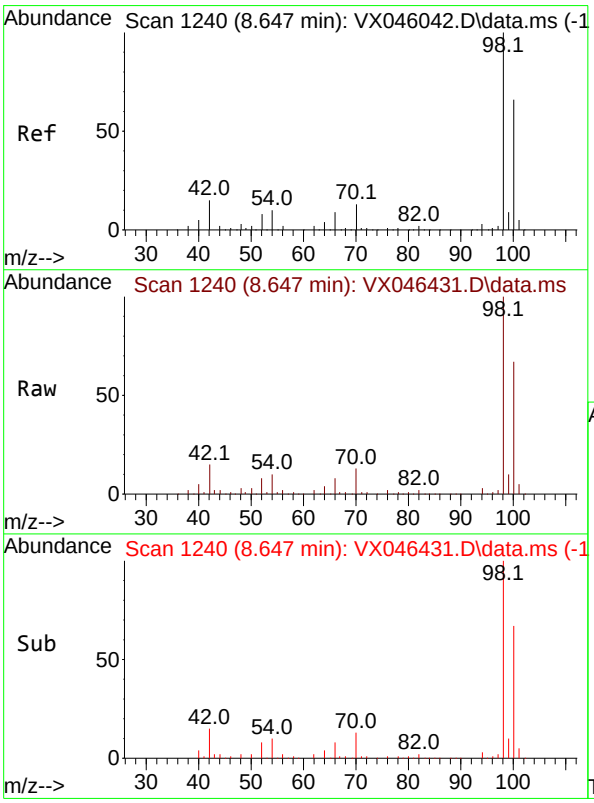
#49
1,4-Dioxane
Concen: 1171.433 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 27552

Ion	Ratio	Lower	Upper
88	100		
43	41.3	33.4	50.2
58	74.6	58.6	88.0

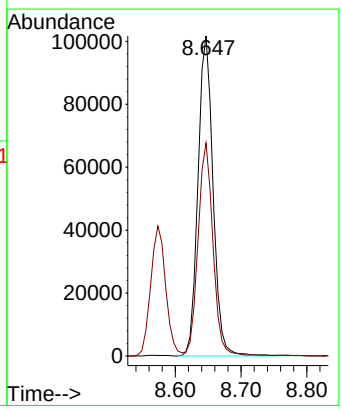


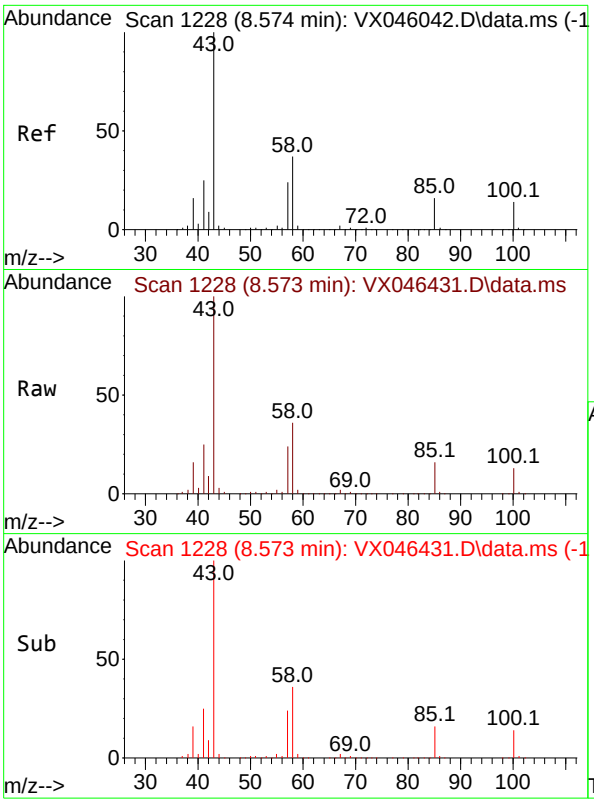


#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 98 Resp: 162192

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3



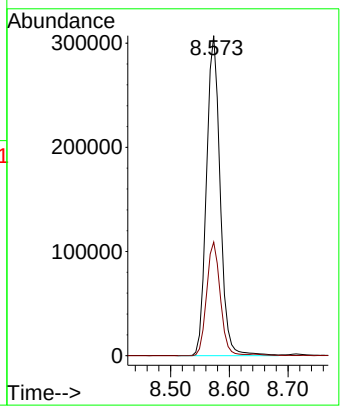


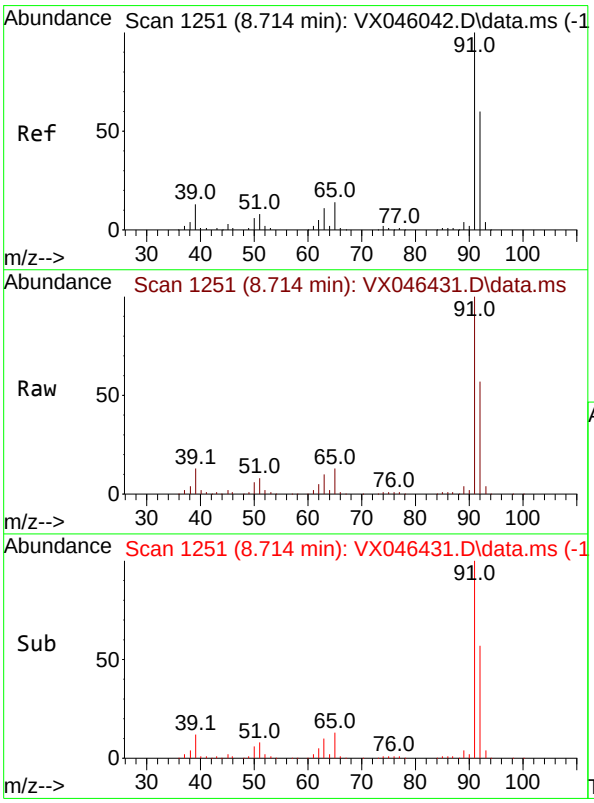
#51
4-Methyl-2-Pentanone
Concen: 308.632 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 496899

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.9	43.3

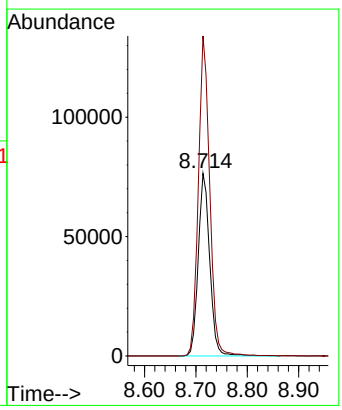


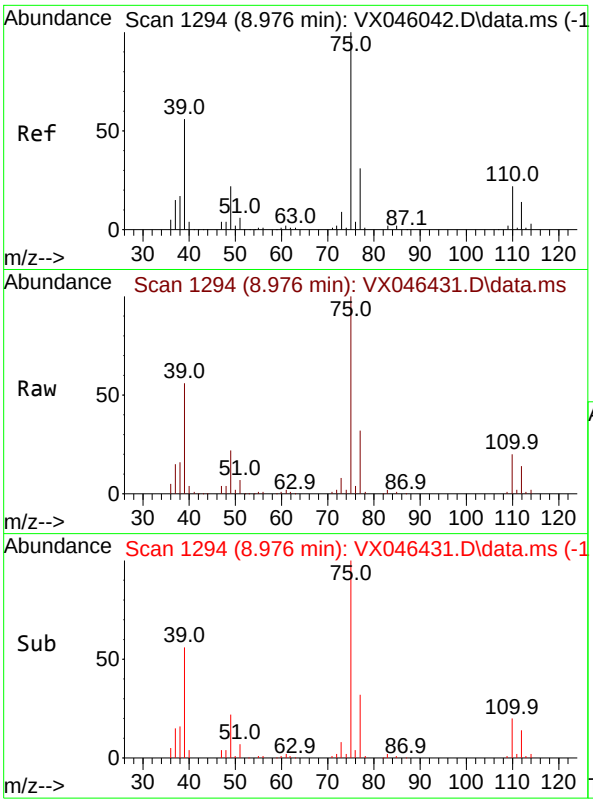


#52
Toluene
Concen: 51.305 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 92 Resp: 118579

Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.6	205.0



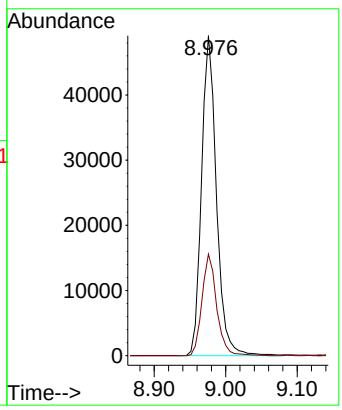


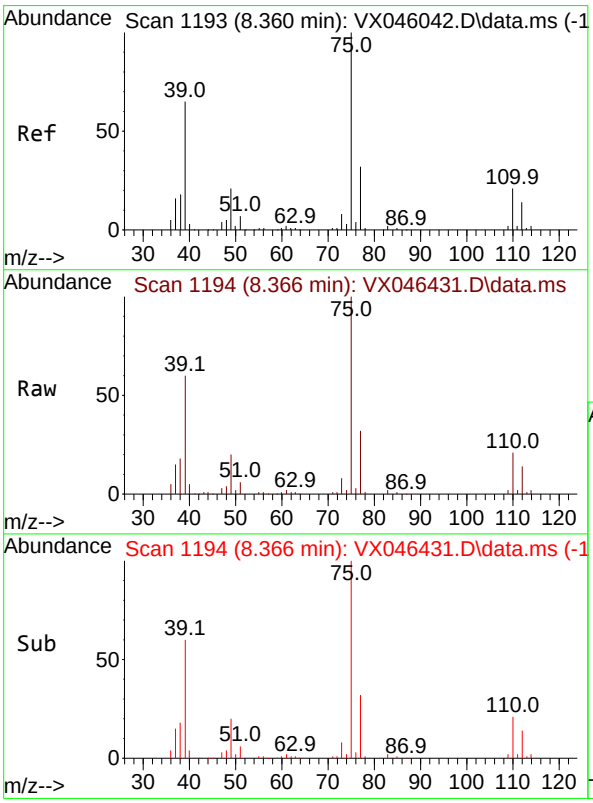
#53
t-1,3-Dichloropropene
Concen: 54.879 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 71021

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.6

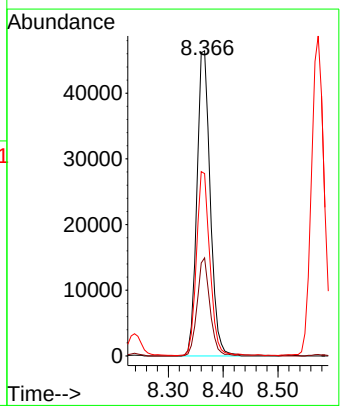


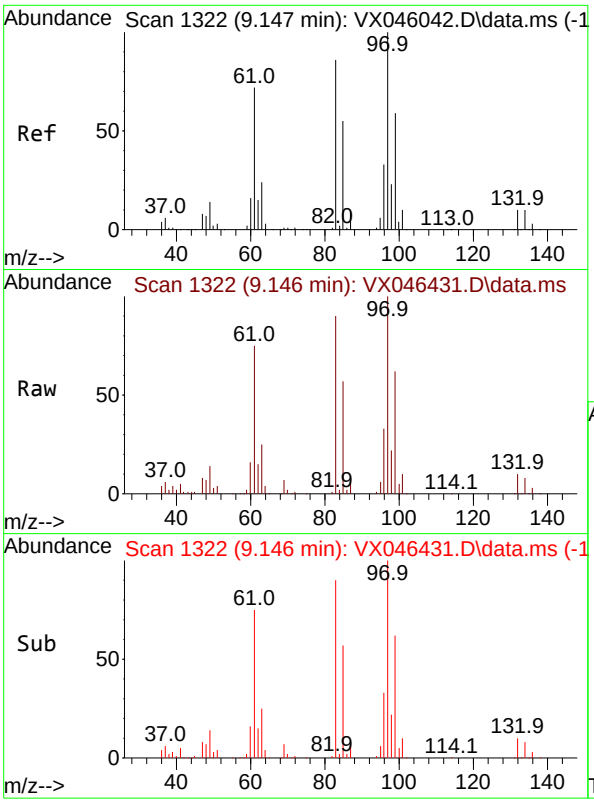


#54
cis-1,3-Dichloropropene
Concen: 55.188 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 78938

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	59.6	52.2	78.4



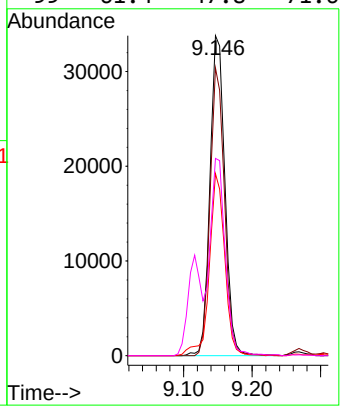


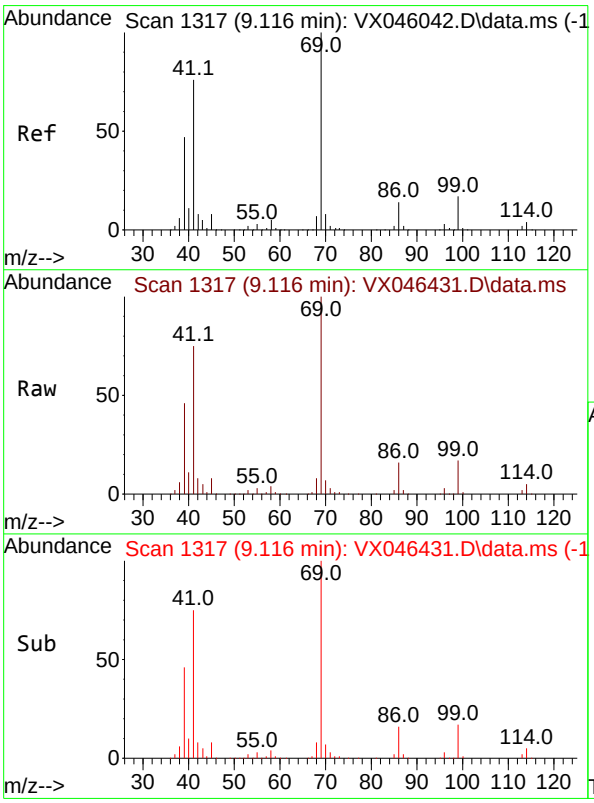
#55
1,1,2-Trichloroethane
Concen: 56.210 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 51227

Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.0	103.6
85	56.9	44.3	66.5
99	61.4	47.8	71.6

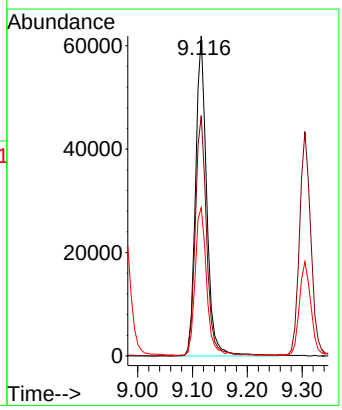


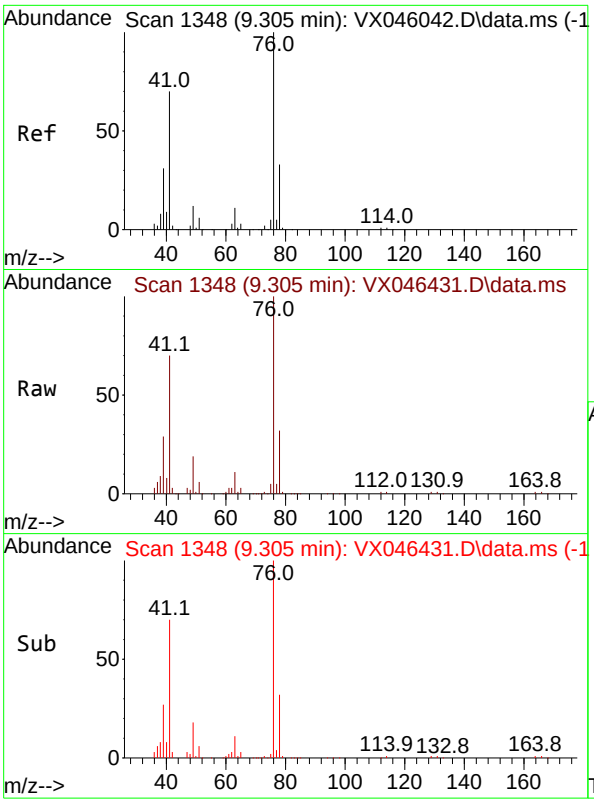


#56
Ethyl methacrylate
Concen: 60.299 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 69 Resp: 87584

Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	47.7	39.0	58.6



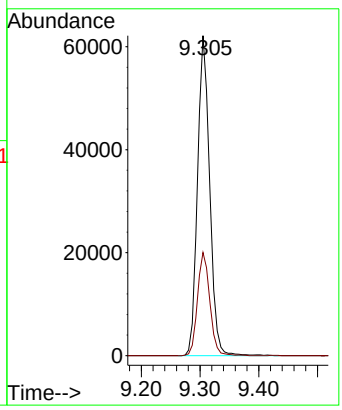


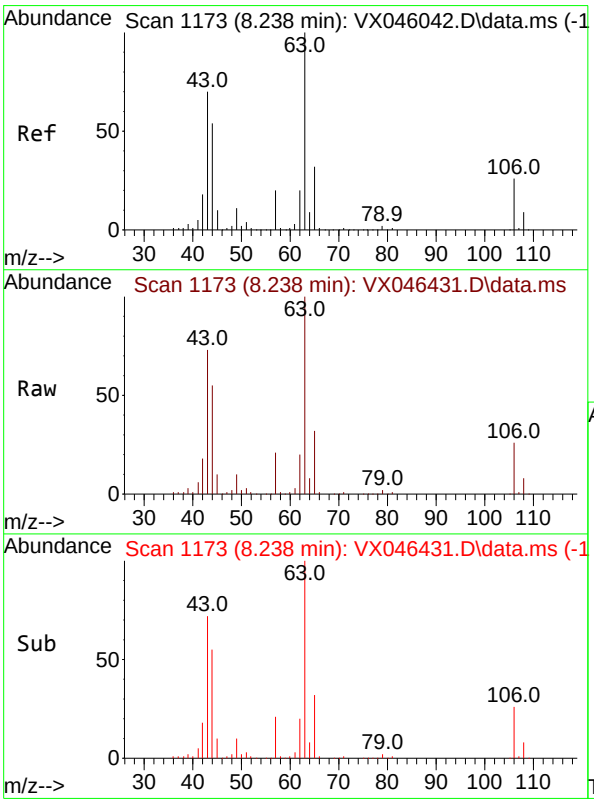
#57
1,3-Dichloropropane
Concen: 54.700 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 89527

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

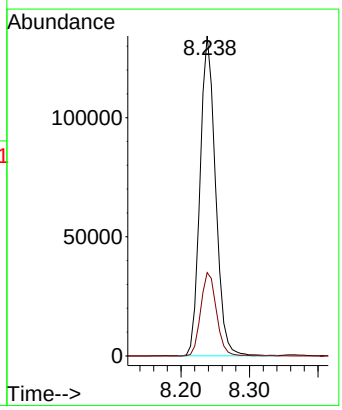


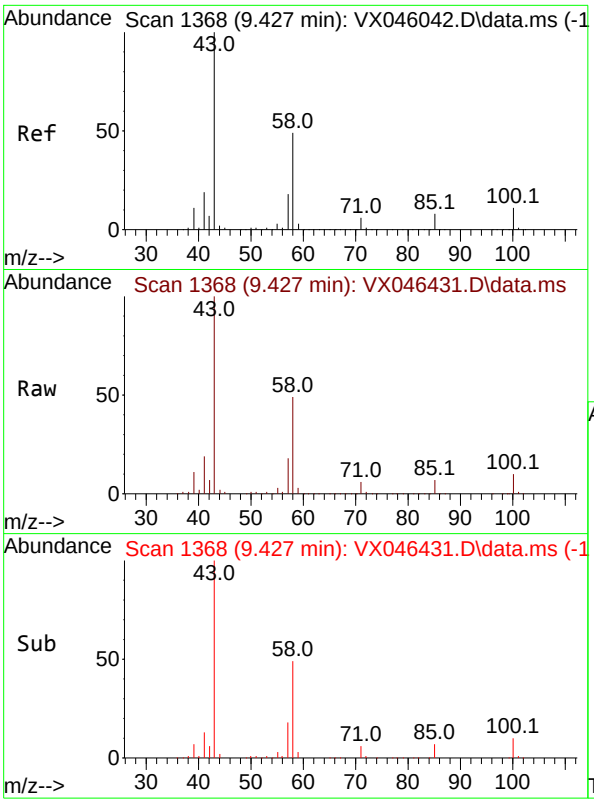


#58
2-Chloroethyl Vinyl ether
Concen: 285.245 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 63 Resp: 211224

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.5	32.3



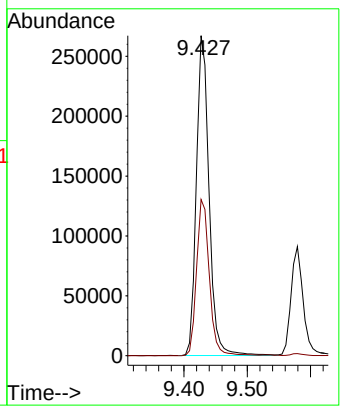


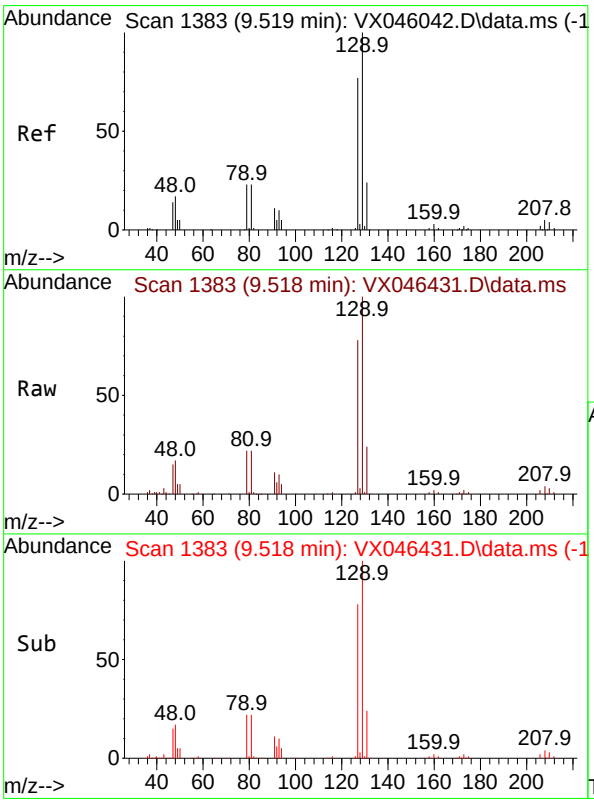
#59
2-Hexanone
Concen: 313.912 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 373912

Ion	Ratio	Lower	Upper
43	100		
58	49.0	24.9	74.6

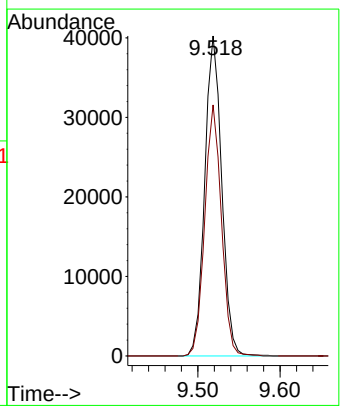


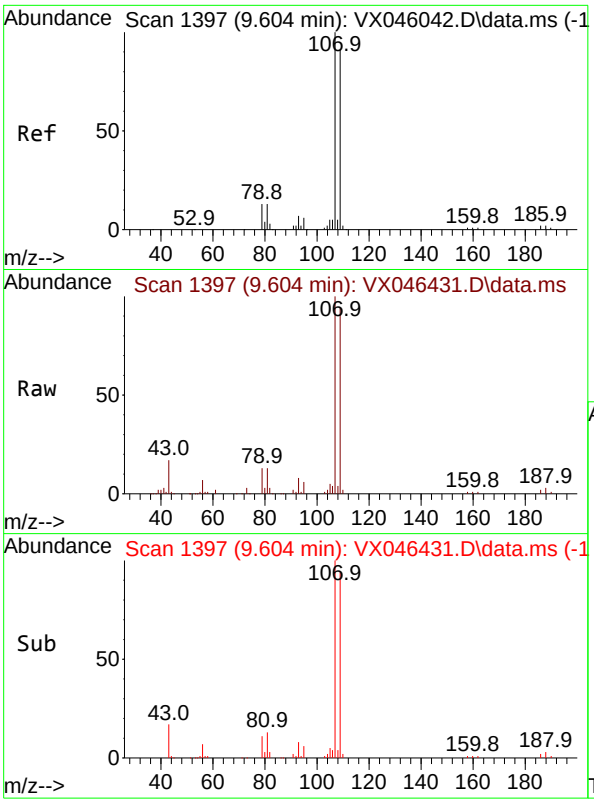


#60
Dibromochloromethane
Concen: 57.658 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:129 Resp: 57708

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.3	117.8



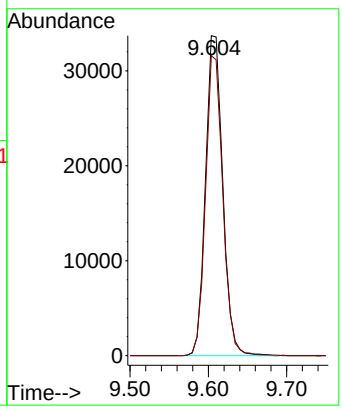


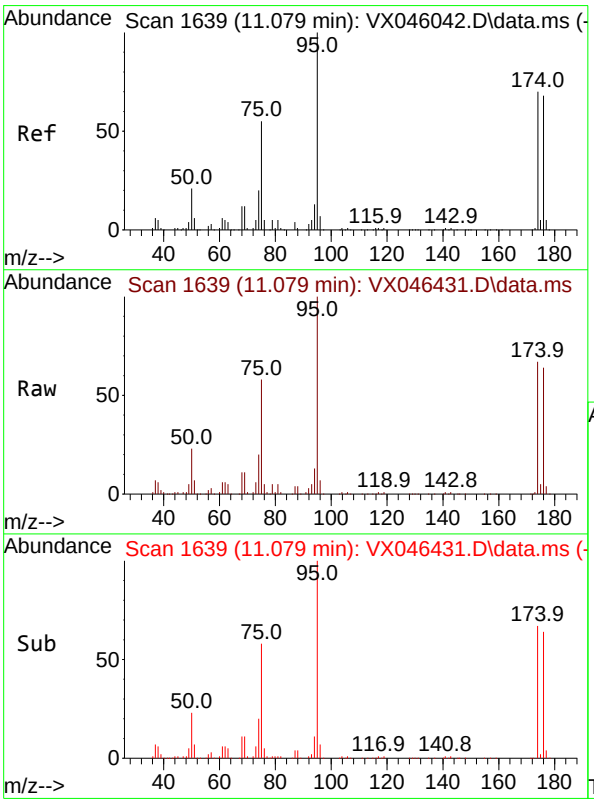
#61
1,2-Dibromoethane
Concen: 54.468 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 51593

Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.3	109.9

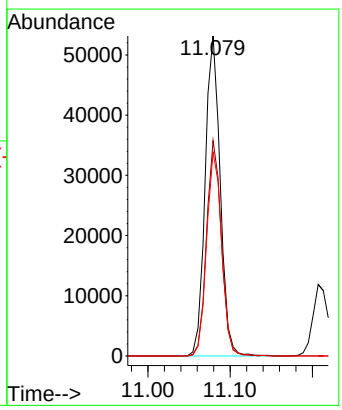


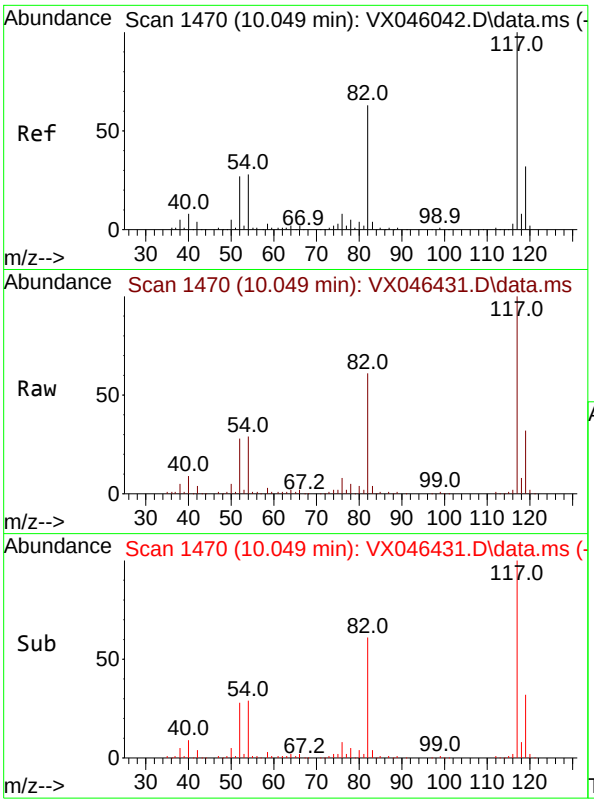


#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 95 Resp: 67347

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	135.8
176	63.6	0.0	131.4



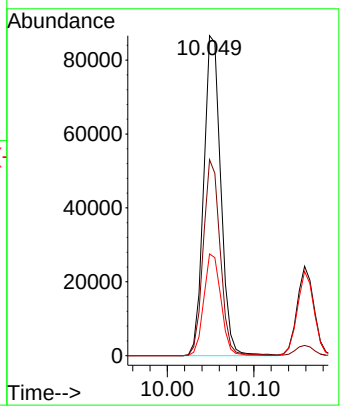


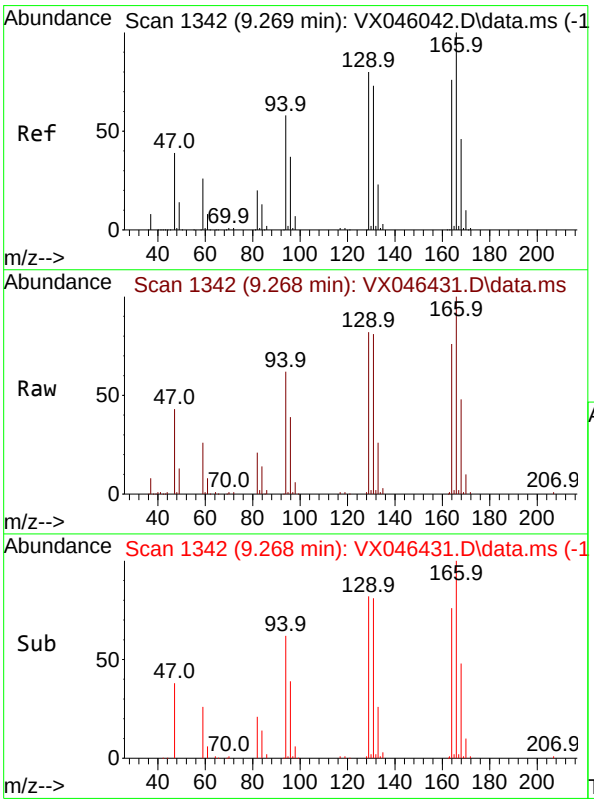
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 118507

Ion	Ratio	Lower	Upper
117	100		
82	61.2	50.6	76.0
119	31.8	25.8	38.6

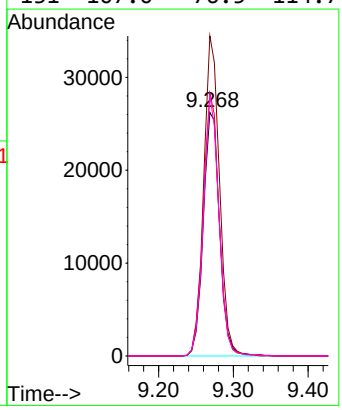


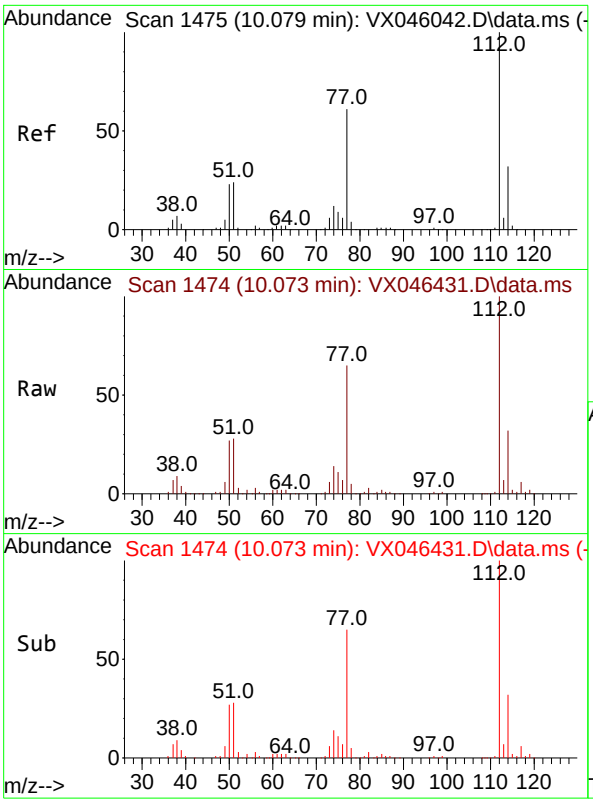


#64
Tetrachloroethene
Concen: 47.434 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:164 Resp: 39773

Ion	Ratio	Lower	Upper
164	100		
166	131.4	105.0	157.6
129	107.9	83.5	125.3
131	107.0	76.5	114.7



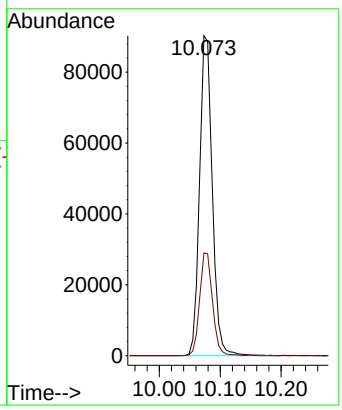


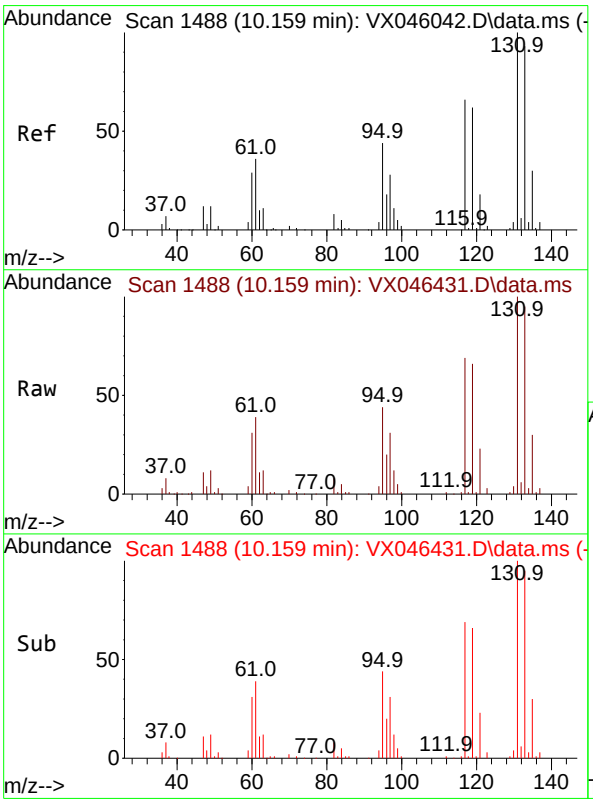
#65
Chlorobenzene
Concen: 50.556 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 131134

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2

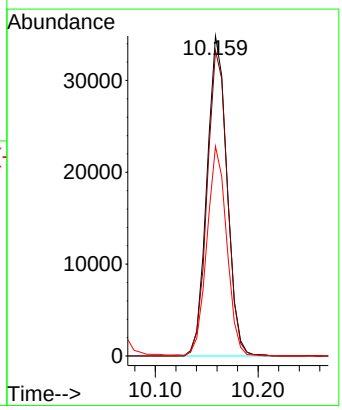


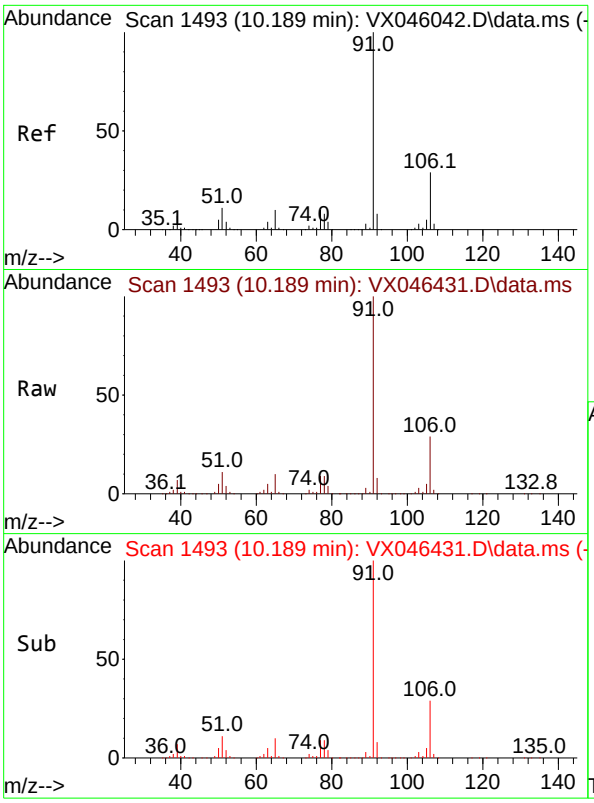


#66
1,1,1,2-Tetrachloroethane
Concen: 53.352 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:131 Resp: 47254

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.9
119	64.7	31.6	95.0



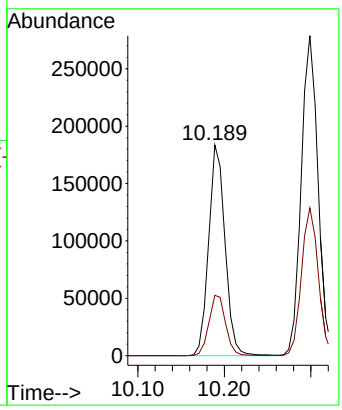


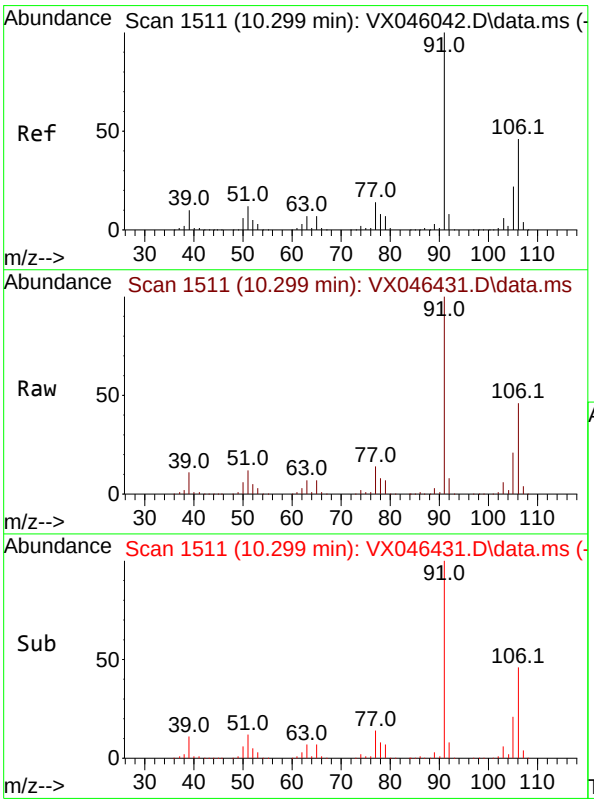
#67
Ethyl Benzene
Concen: 52.804 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 241431

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.4	35.2

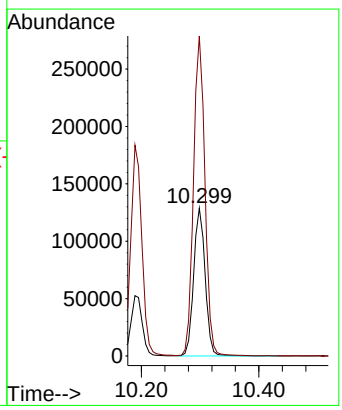


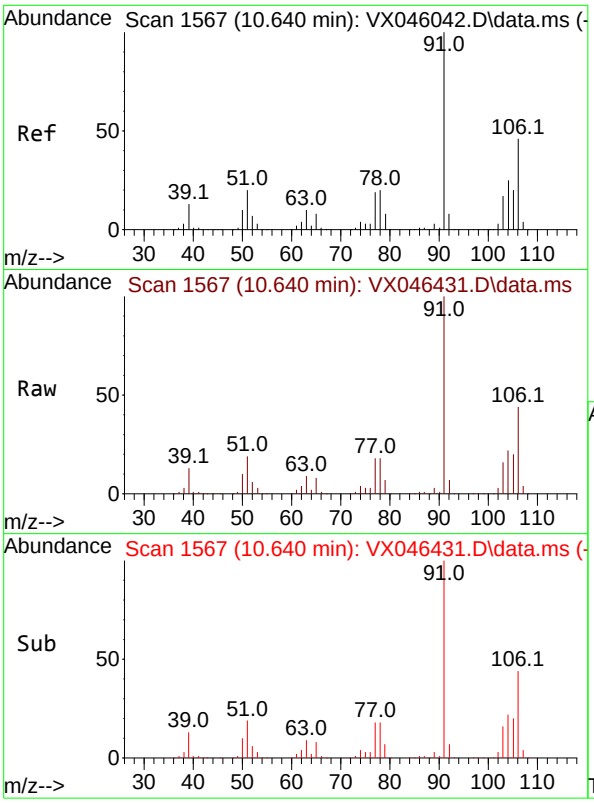


#68
m/p-Xylenes
Concen: 104.632 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:106 Resp: 174971

Ion	Ratio	Lower	Upper
106	100		
91	215.2	171.2	256.8



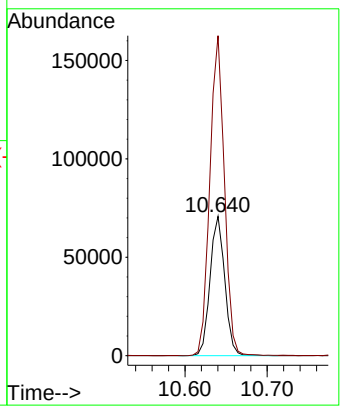


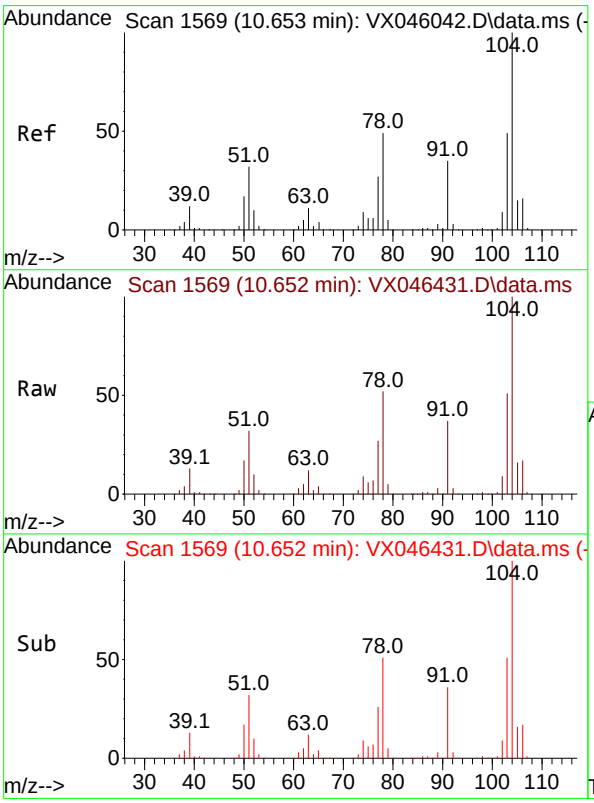
#69
o-Xylene
Concen: 53.954 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 87961

Ion	Ratio	Lower	Upper
106	100		
91	227.6	112.7	338.1

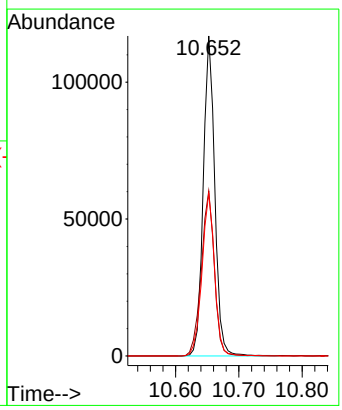


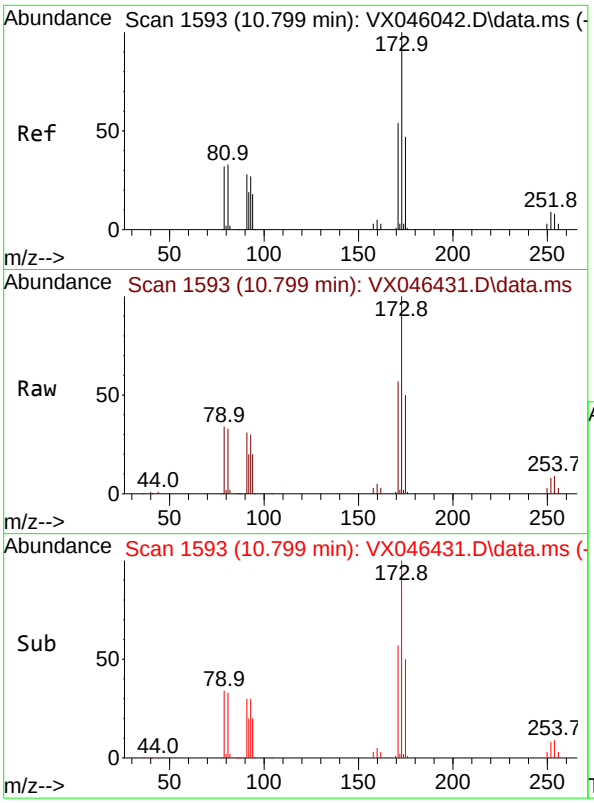


#70
Styrene
Concen: 55.559 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:104 Resp: 148376

Ion	Ratio	Lower	Upper
104	100		
78	58.3	45.7	68.5
103	55.6	43.7	65.5



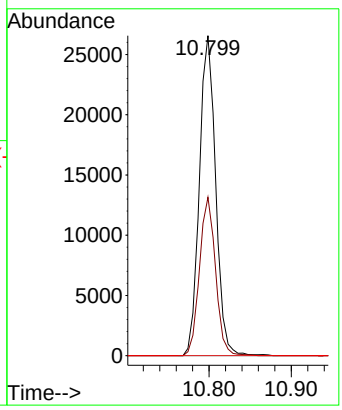


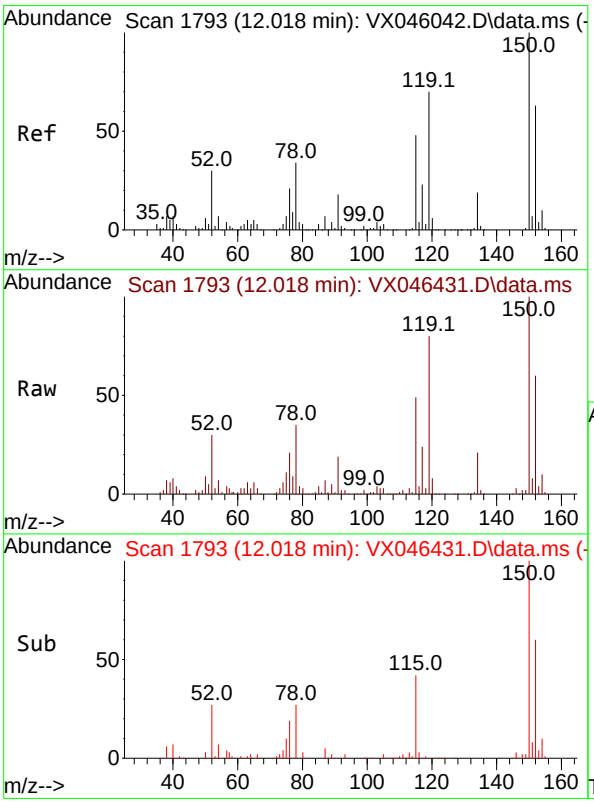
#71
Bromoform
Concen: 54.949 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 36540

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.4	70.0
254	0.0	0.0	0.0

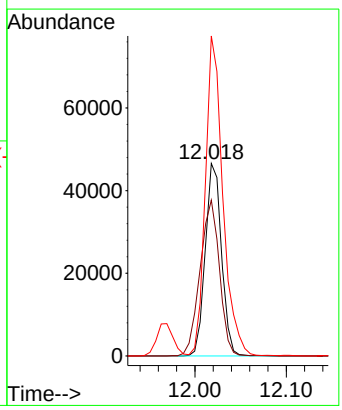


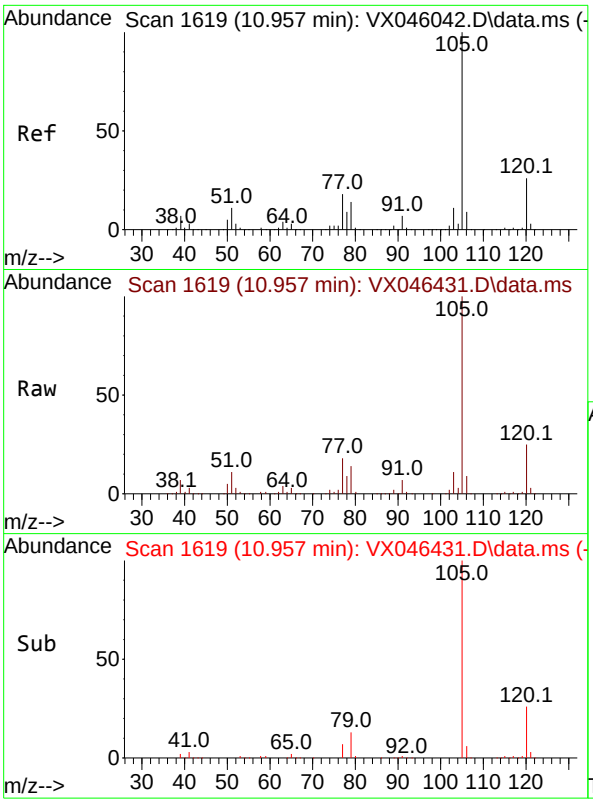


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:152 Resp: 57331

Ion	Ratio	Lower	Upper
152	100		
115	96.8	46.9	140.7
150	178.1	0.0	351.0



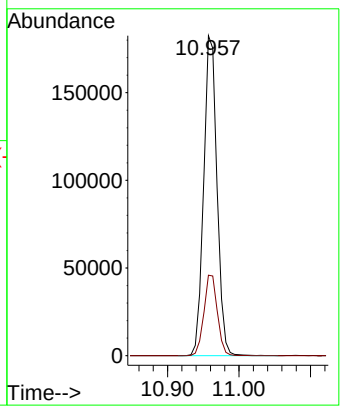


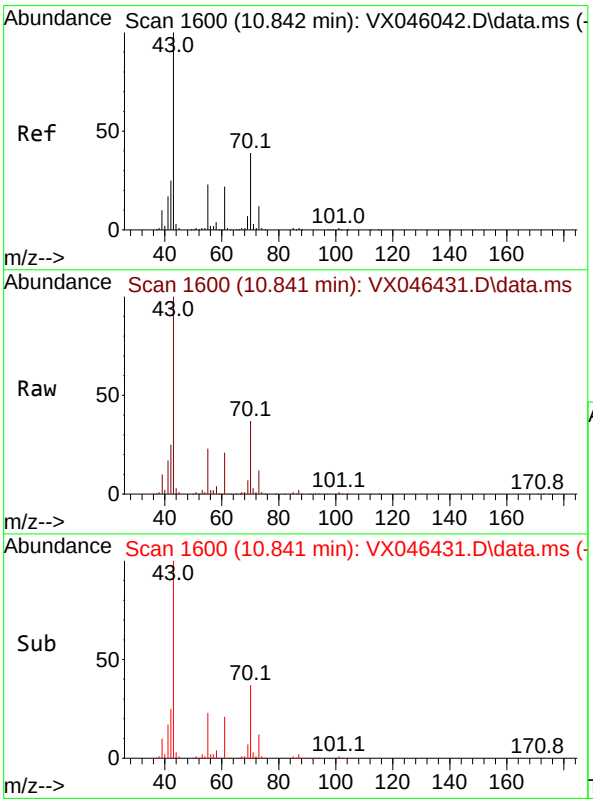
#73
Isopropylbenzene
Concen: 52.887 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 236055

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4

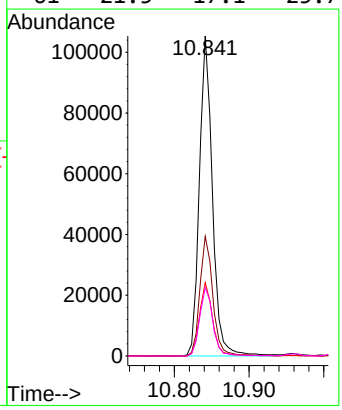


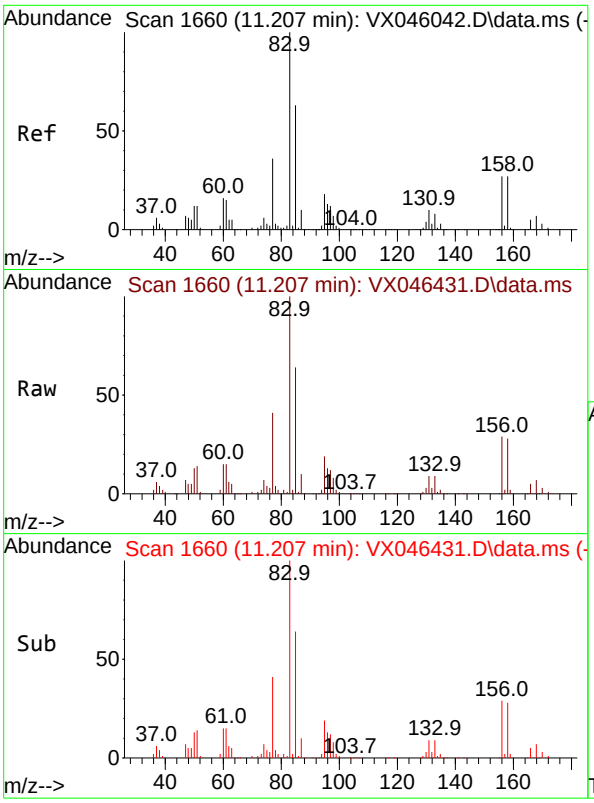


#74
N-amyl acetate
Concen: 57.922 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 127751

Ion	Ratio	Lower	Upper
43	100		
70	37.4	30.9	46.3
55	23.1	18.7	28.1
61	21.5	17.1	25.7



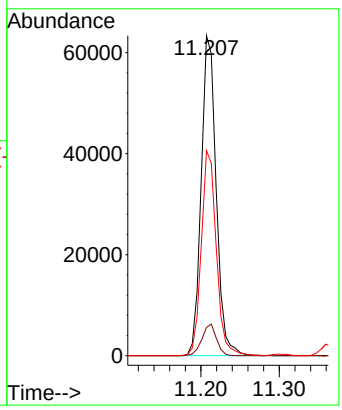


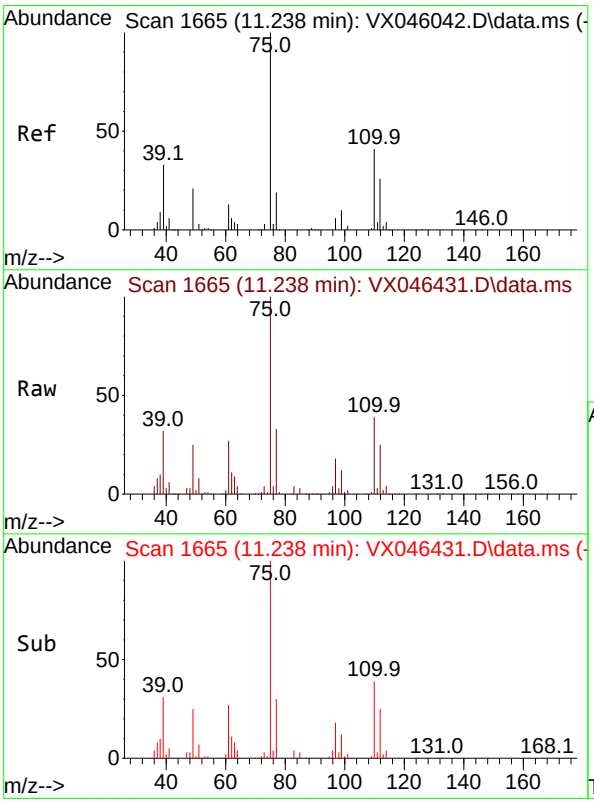
#75
1,1,2,2-Tetrachloroethane
Concen: 53.806 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 84159

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.1	31.9	95.7

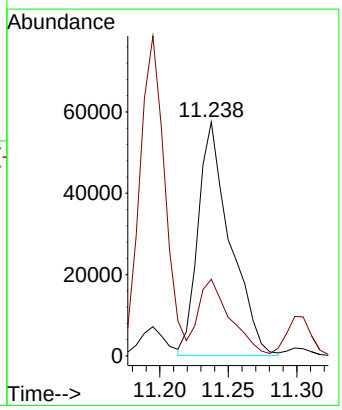


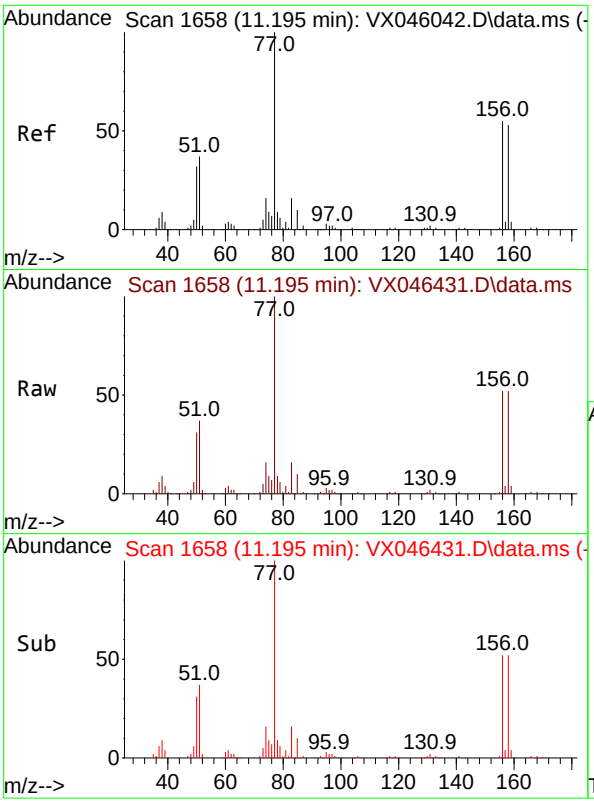


#76
1,2,3-Trichloropropane
Concen: 68.002 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 93842

Ion	Ratio	Lower	Upper
75	100		
77	32.7	20.5	61.5



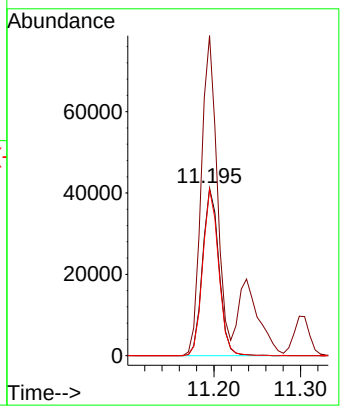


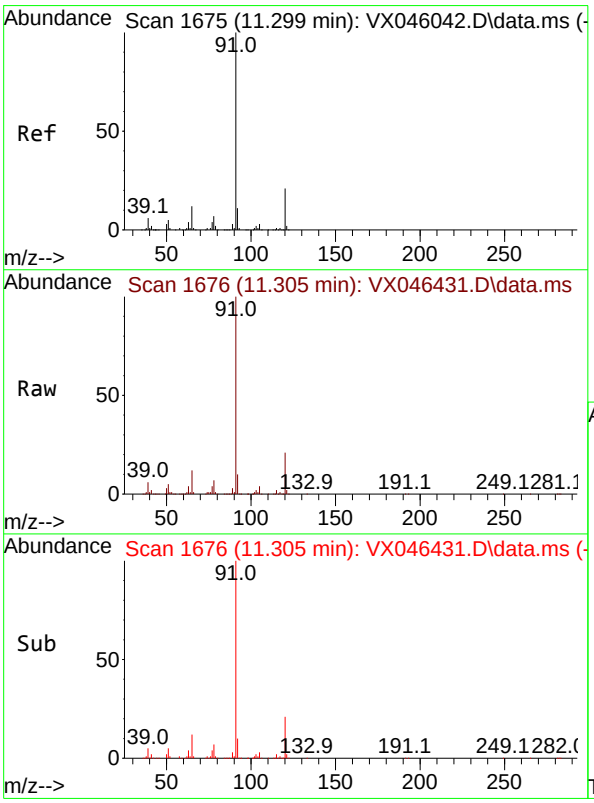
#77
Bromobenzene
Concen: 52.111 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 53999

Ion	Ratio	Lower	Upper
156	100		
77	185.8	92.8	278.3
158	97.0	48.8	146.3

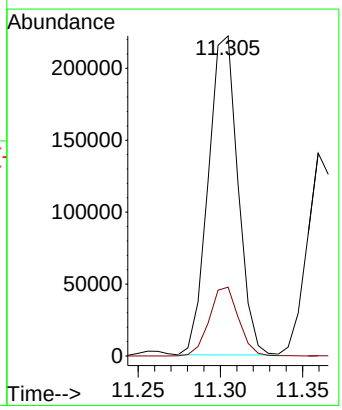


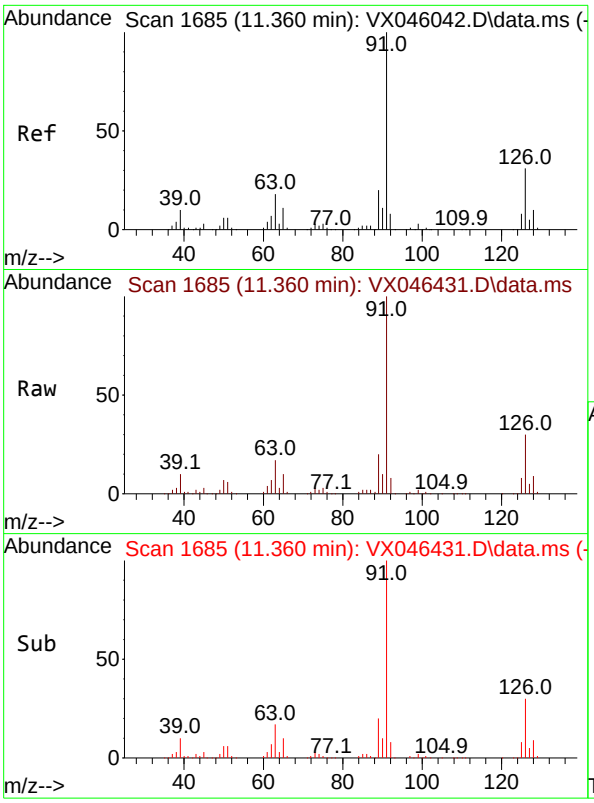


#78
n-propylbenzene
Concen: 53.665 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 278510

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4



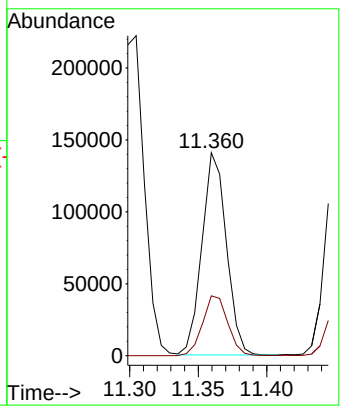


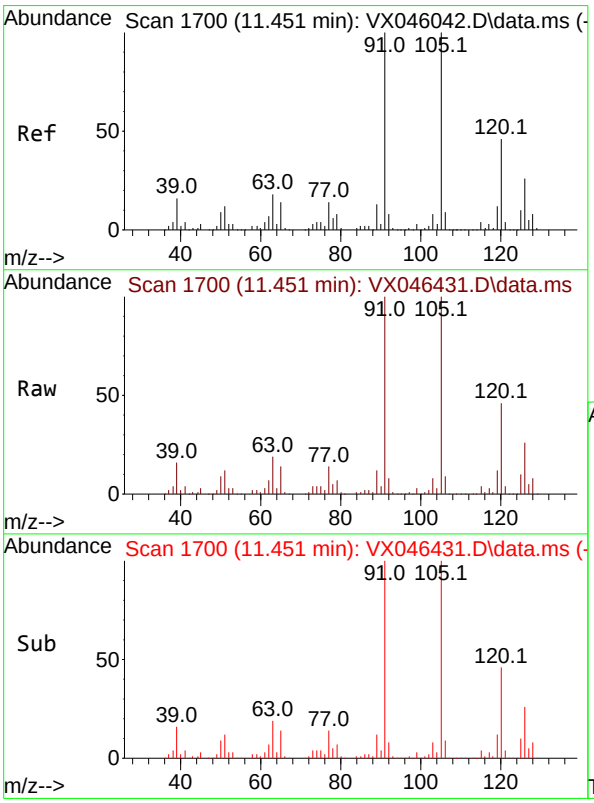
#79
2-Chlorotoluene
Concen: 52.184 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 174683

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.7

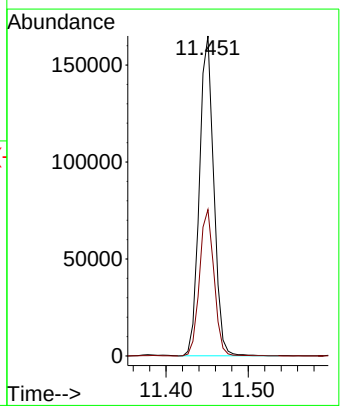


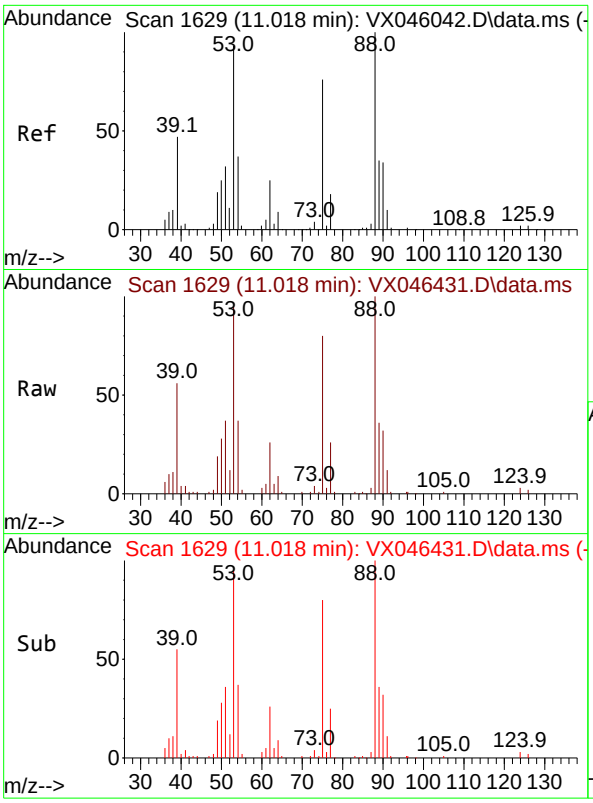


#80
1,3,5-Trimethylbenzene
Concen: 53.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 200309

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



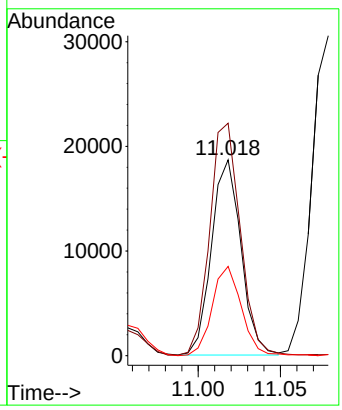


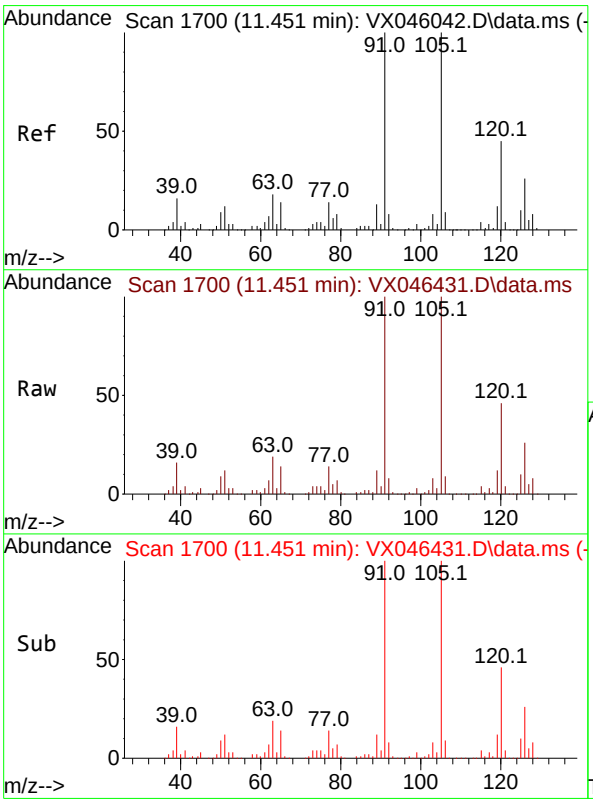
#81
trans-1,4-Dichloro-2-butene
Concen: 54.930 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23283

Ion	Ratio	Lower	Upper
75	100		
53	122.6	100.5	150.7
89	45.6	37.0	55.6

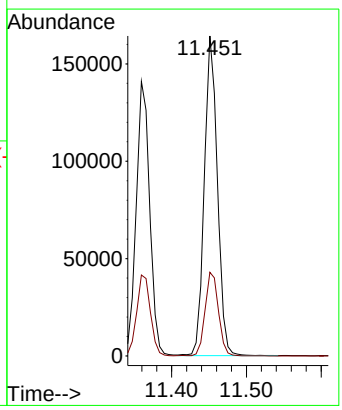


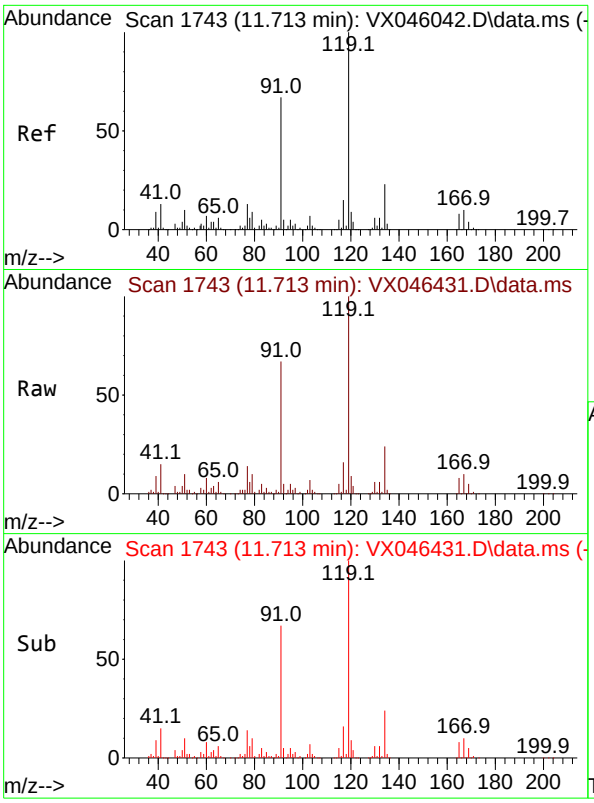


#82
4-Chlorotoluene
Concen: 53.734 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 91 Resp: 199469

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.8



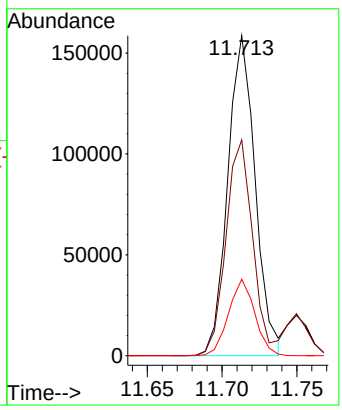


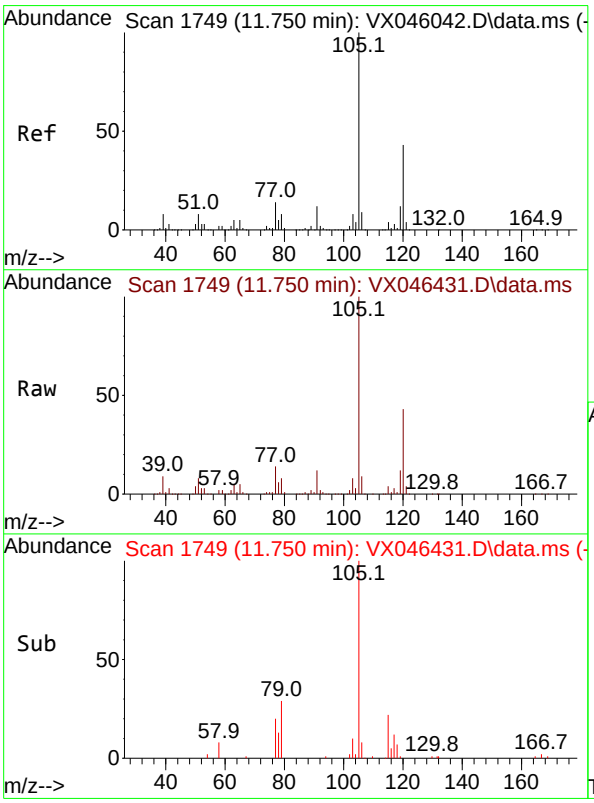
#83
tert-Butylbenzene
Concen: 53.969 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 202709

Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.9	98.7
134	22.9	11.4	34.1

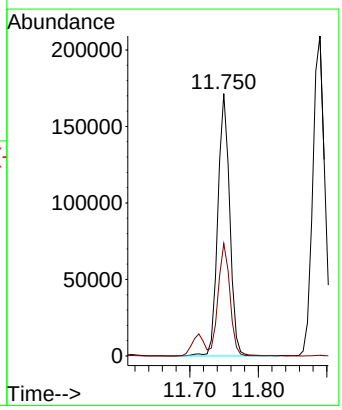


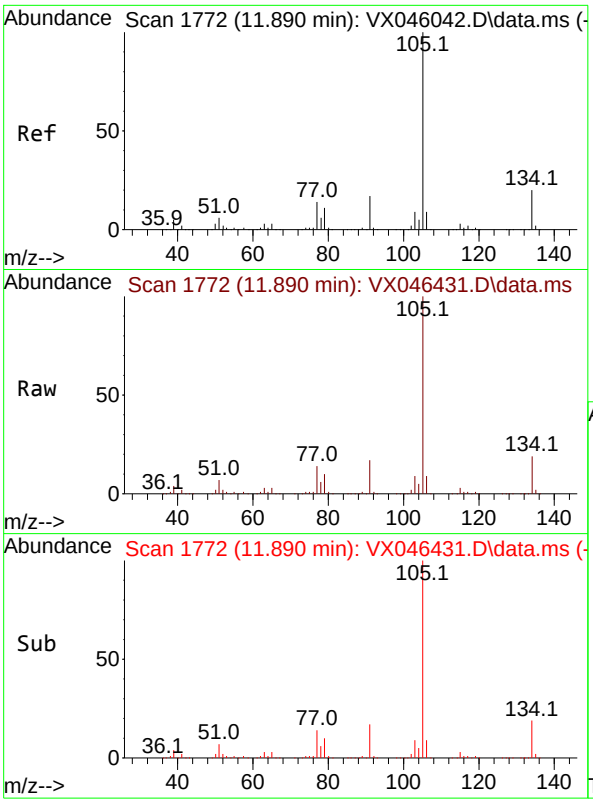


#84
1,2,4-Trimethylbenzene
Concen: 54.326 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 205143

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6



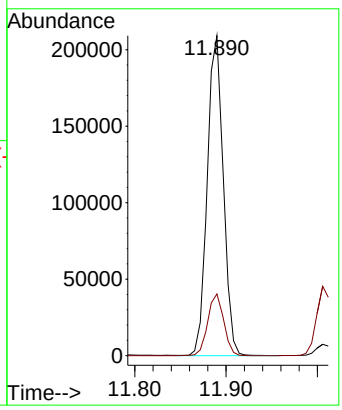


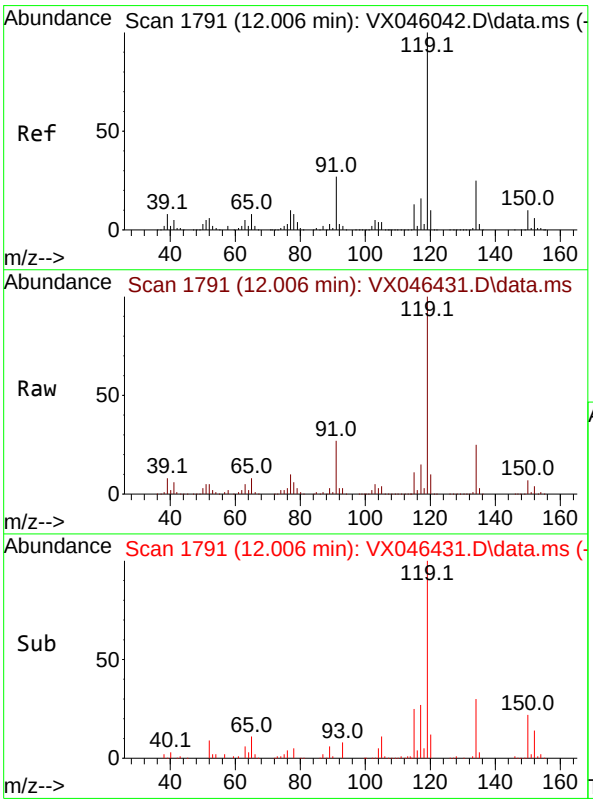
#85
sec-Butylbenzene
Concen: 55.208 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 254604

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

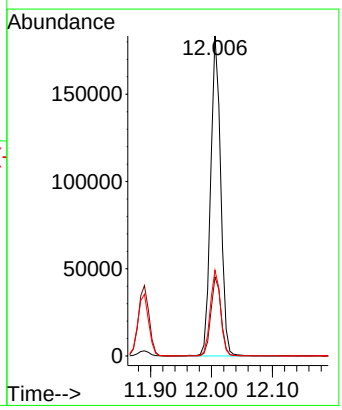


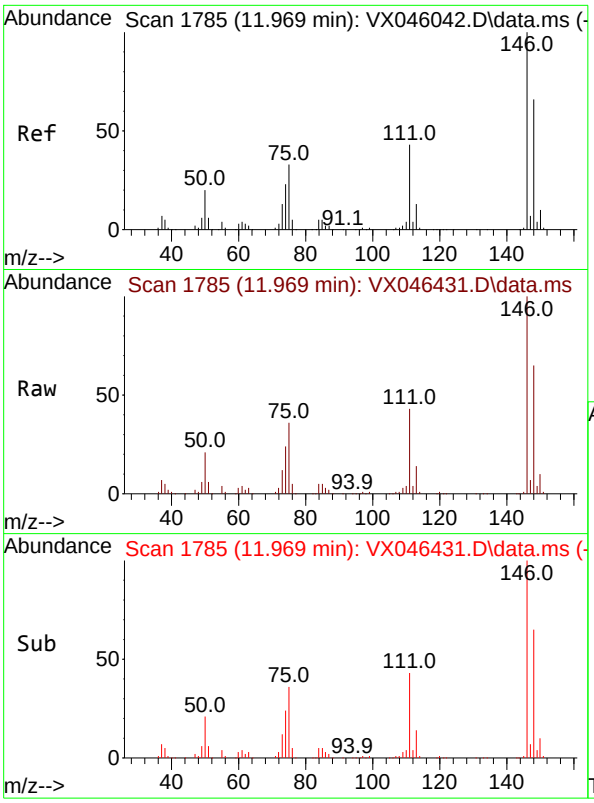


#86
p-Isopropyltoluene
Concen: 54.929 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:119 Resp: 209095

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	27.2	13.8	41.4



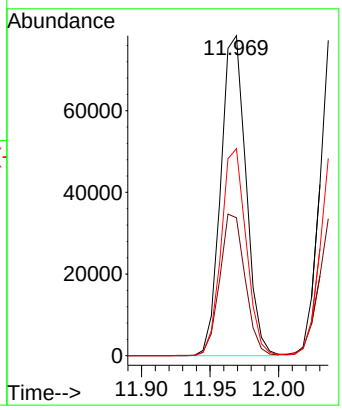


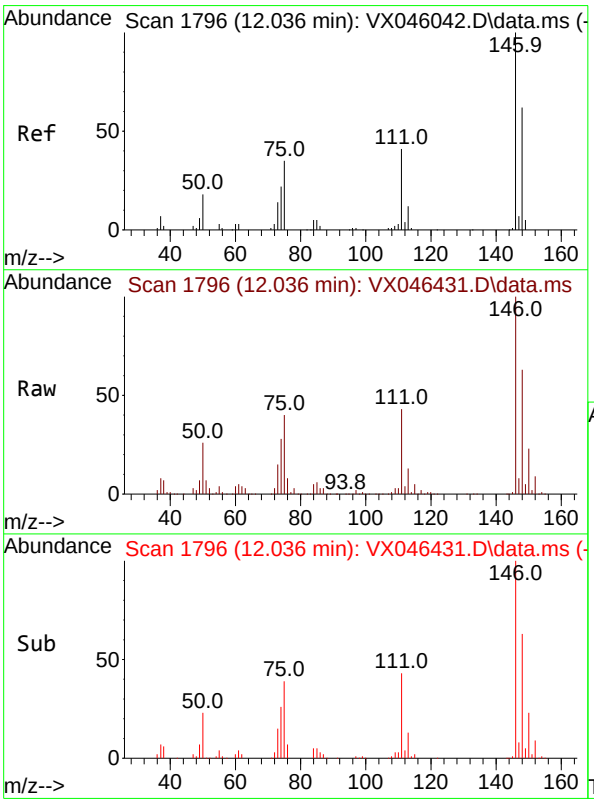
#87
1,3-Dichlorobenzene
Concen: 52.954 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 100145

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.3
148	64.4	32.1	96.5

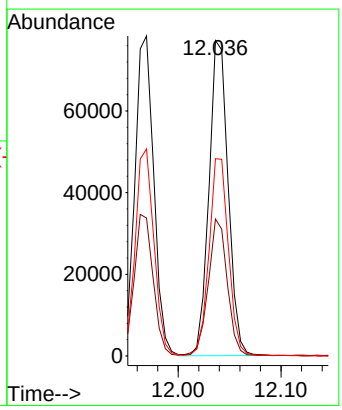


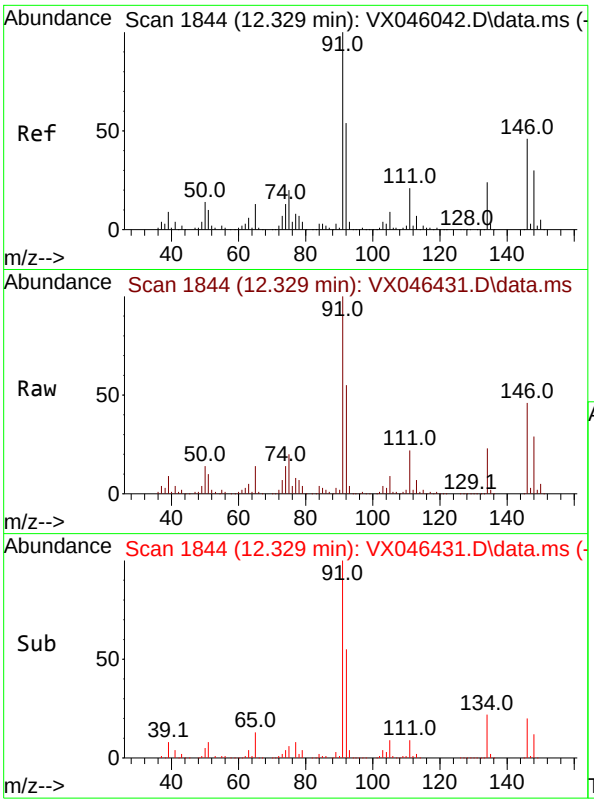


#88
1,4-Dichlorobenzene
Concen: 51.826 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:146 Resp: 100095

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.8	31.9	95.5



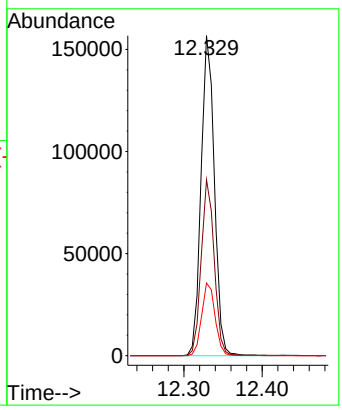


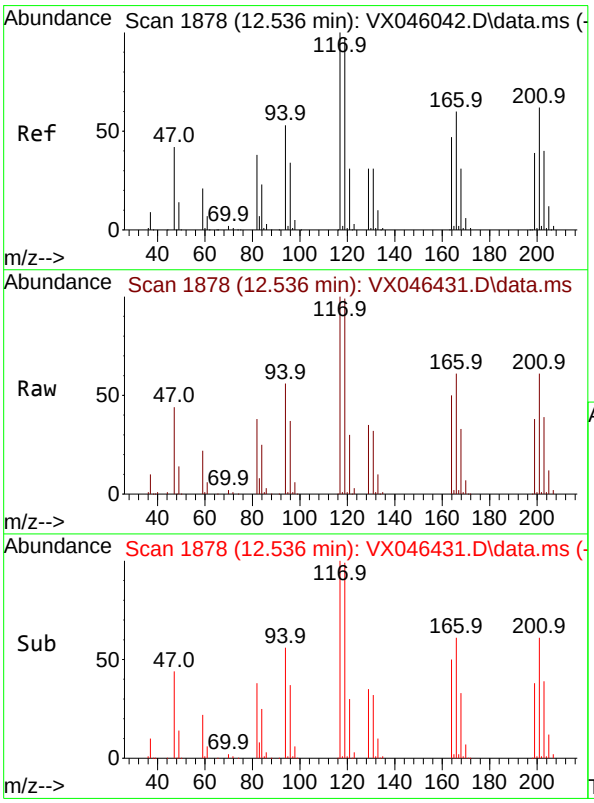
#89
n-Butylbenzene
Concen: 55.448 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 185147

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	22.9	11.8	35.3

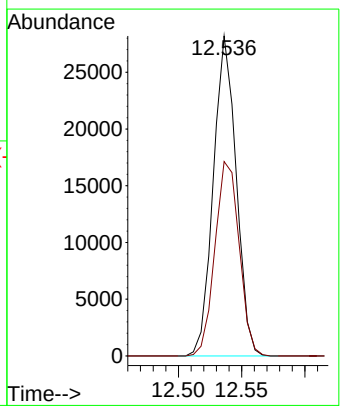


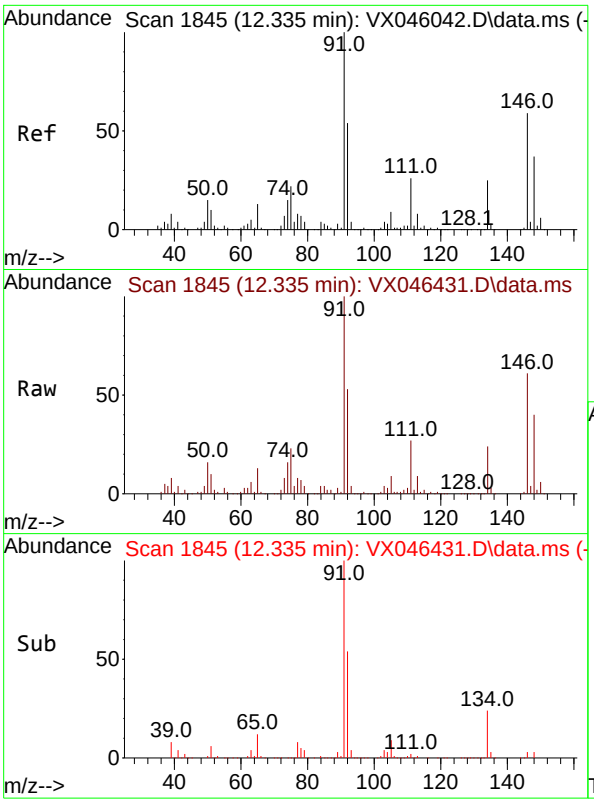


#90
Hexachloroethane
Concen: 52.871 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:117 Resp: 35458

Ion	Ratio	Lower	Upper
117	100		
201	64.4	31.6	94.7



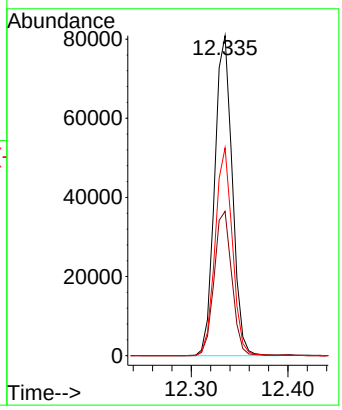


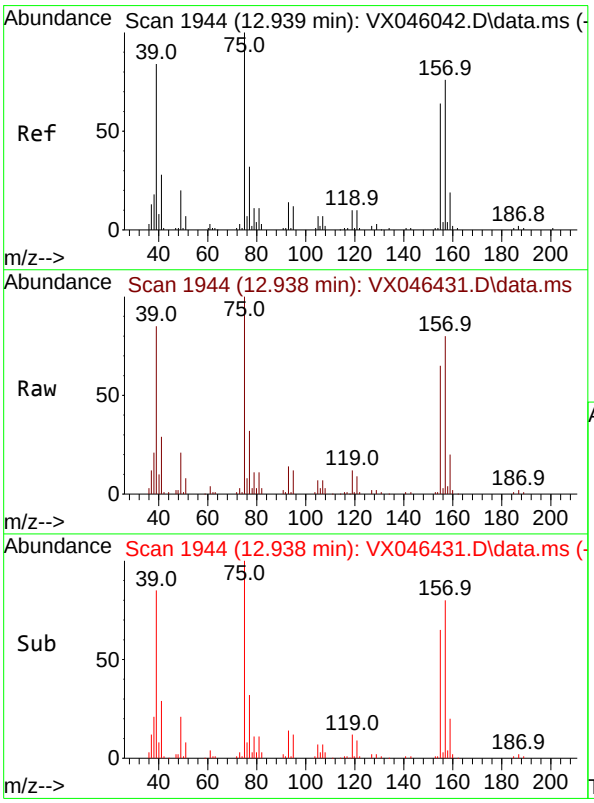
#91
1,2-Dichlorobenzene
Concen: 53.903 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 102295

Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.4	67.3
148	63.4	31.6	94.8

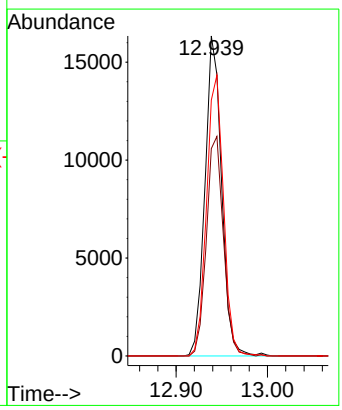


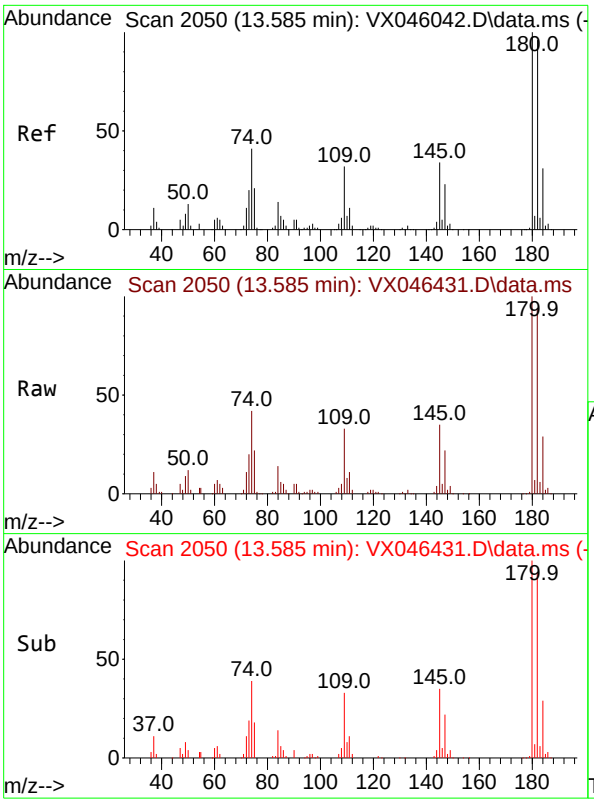


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.563 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 20639

Ion	Ratio	Lower	Upper
75	100		
155	69.9	34.9	104.8
157	89.0	43.8	131.4



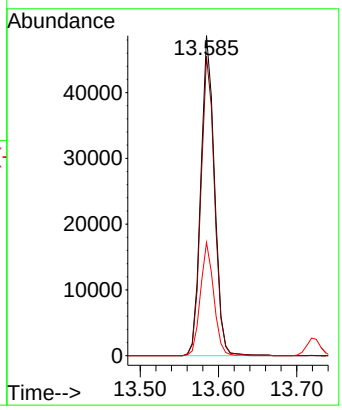


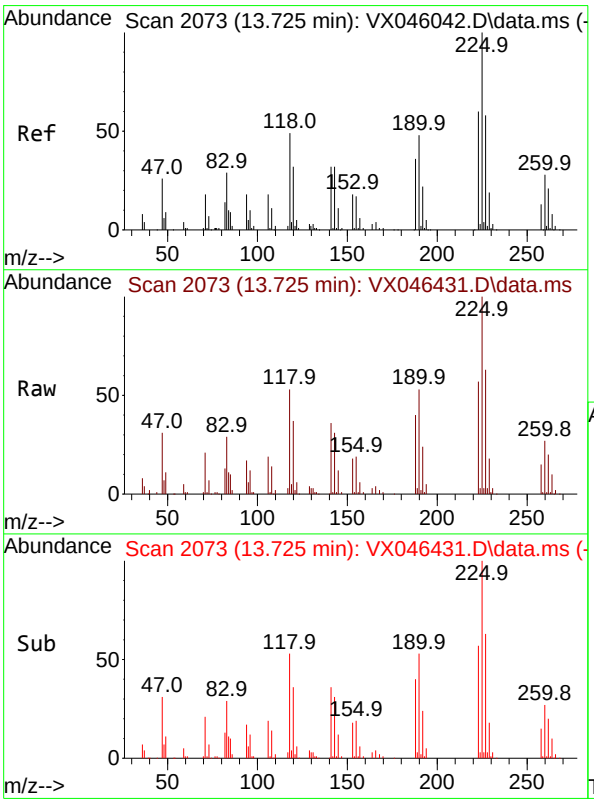
#93
1,2,4-Trichlorobenzene
Concen: 54.013 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 58874

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	34.5	17.1	51.2

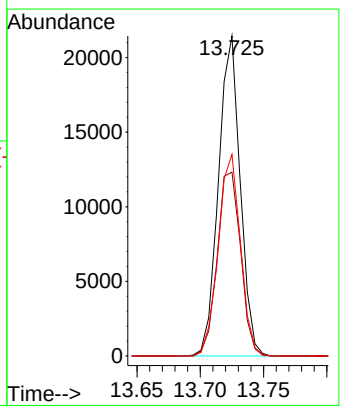


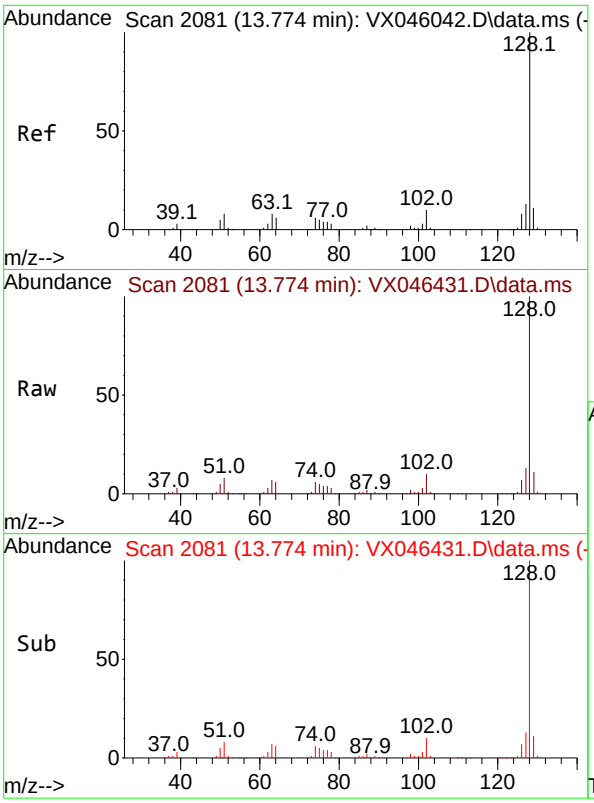


#94
Hexachlorobutadiene
Concen: 53.675 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:225 Resp: 25552

Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.4
227	64.3	30.9	92.7



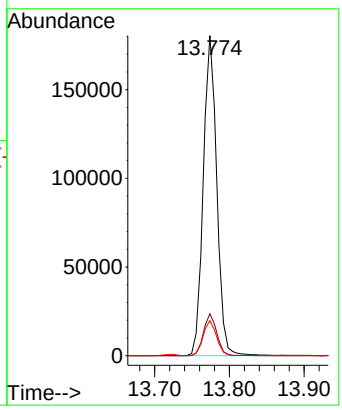


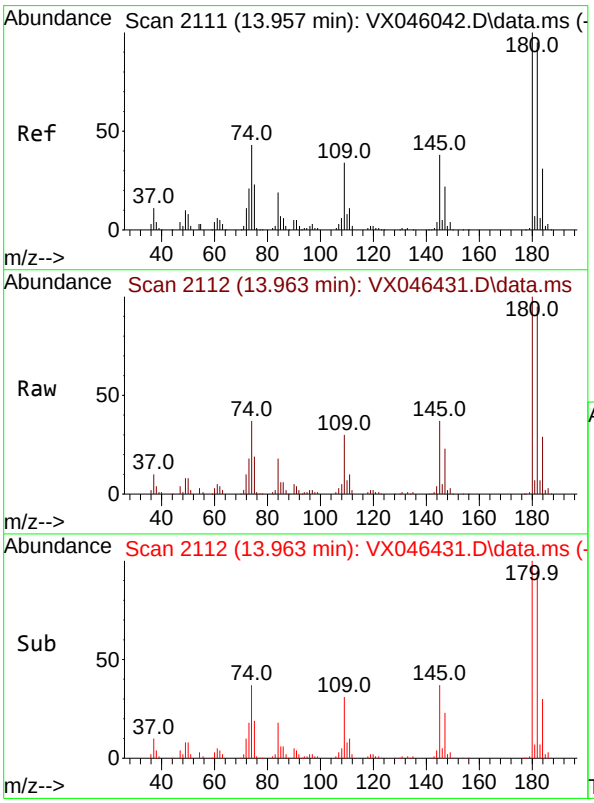
#95
Naphthalene
Concen: 56.519 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 225947

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

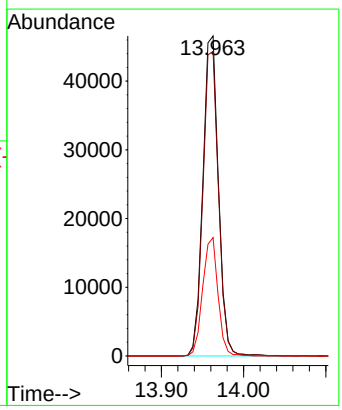




#96
1,2,3-Trichlorobenzene
Concen: 54.497 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:180 Resp: 61292

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	36.3	18.1	54.3



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	201089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	353755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10508	4.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.600%#		
35) Dibromofluoromethane	7.646	113	9323	4.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	8.960%#		
50) Toluene-d8	10.109	98	37729	4.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.960%#		
62) 4-Bromofluorobenzene	12.408	95	11988	4.697	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.400%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	8717	4.961	ug/l	99
3) Chloromethane	2.068	50	26535	5.119	ug/l	98
4) Vinyl Chloride	2.208	62	27572	4.544	ug/l	98
5) Bromomethane	2.598	94	27457	4.784	ug/l	98
6) Chloroethane	2.739	64	19566	4.710	ug/l	95
7) Trichlorofluoromethane	3.062	101	22825	4.428	ug/l	92
8) Diethyl Ether	3.464	74	5184	4.553	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	10259	4.744	ug/l	97
10) Methyl Iodide	4.007	142	9174	3.956	ug/l #	95
11) Tert butyl alcohol	4.891	59	3374	21.587	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	9440	4.573	ug/l	97
13) Acrolein	3.671	56	5656	29.646	ug/l	95
14) Allyl chloride	4.391	41	15096	4.693	ug/l	98
15) Acrylonitrile	5.080	53	10667	22.026	ug/l	97
16) Acetone	3.885	43	13023	30.108	ug/l #	87
17) Carbon Disulfide	4.110	76	30222	4.586	ug/l	99
18) Methyl Acetate	4.397	43	5630	4.327	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	26276	4.562	ug/l	97
20) Methylene Chloride	4.622	84	17312	7.168	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	10489	4.549	ug/l	86
22) Diisopropyl ether	6.037	45	32497	4.544	ug/l	95
23) Vinyl Acetate	5.970	43	91478	21.559	ug/l	98
24) 1,1-Dichloroethane	5.921	63	19460	4.603	ug/l	97
25) 2-Butanone	6.909	43	14423	22.605	ug/l	95
26) 2,2-Dichloropropane	6.896	77	16805	4.471	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	11906	4.467	ug/l	98
28) Bromochloromethane	7.250	49	9453	5.175	ug/l	100
29) Tetrahydrofuran	7.274	42	9377	22.781	ug/l	95
30) Chloroform	7.427	83	19302	4.620	ug/l	87
31) Cyclohexane	7.707	56	23482	5.519	ug/l #	90
32) 1,1,1-Trichloroethane	7.628	97	16476	4.413	ug/l	98
36) 1,1-Dichloropropene	7.841	75	14700	4.367	ug/l	99
37) Ethyl Acetate	6.994	43	5662	3.822	ug/l #	86
38) Carbon Tetrachloride	7.823	117	14691	4.233	ug/l	95
39) Methylcyclohexane	9.109	83	20076	4.415	ug/l	95
40) Benzene	8.085	78	42926	4.326	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4192	4.394 ug/l #	89
42) 1,2-Dichloroethane	8.164	62	11332	4.198 ug/l	99
43) Isopropyl Acetate	8.207	43	13330	4.117 ug/l	95
44) Trichloroethene	8.872	130	10404	4.292 ug/l	79
45) 1,2-Dichloropropane	9.146	63	9678	4.091 ug/l	100
46) Dibromomethane	9.244	93	5596	4.223 ug/l	95
47) Bromodichloromethane	9.433	83	13448	3.999 ug/l	96
48) Methyl methacrylate	9.225	41	6483	4.374 ug/l	91
49) 1,4-Dioxane	9.231	88	574	36.306 ug/l #	1
51) 4-Methyl-2-Pentanone	10.000	43	30969	19.273 ug/l	98
52) Toluene	10.170	92	25893	4.150 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	12388	3.982 ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	14966	4.103 ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7318	4.385 ug/l	98
56) Ethyl methacrylate	10.445	69	9092	3.751 ug/l	94
57) 1,3-Dichloropropane	10.719	76	12648	4.255 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	24214	22.409 ug/l	97
59) 2-Hexanone	10.768	43	21243	19.832 ug/l	94
60) Dibromochloromethane	10.914	129	8781	4.152 ug/l	94
61) 1,2-Dibromoethane	11.018	107	6146	3.991 ug/l	100
64) Tetrachloroethene	10.652	164	10863	4.417 ug/l	95
65) Chlorobenzene	11.444	112	27467	4.377 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	8422	3.959 ug/l	94
67) Ethyl Benzene	11.524	91	47883	4.098 ug/l	96
68) m/p-Xylenes	11.627	106	35645	8.060 ug/l	99
69) o-Xylene	11.956	106	16866	4.075 ug/l	95
70) Styrene	11.975	104	26313	3.840 ug/l	99
71) Bromoform	12.133	173	4649	4.159 ug/l #	97
73) Isopropylbenzene	12.255	105	44350	4.307 ug/l	100
74) N-amyl acetate	12.072	43	9632	3.699 ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	7289	4.359 ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	9988	5.920 ug/l #	100
77) Bromobenzene	12.536	156	9241	4.234 ug/l	95
78) n-propylbenzene	12.597	91	56543	4.511 ug/l	98
79) 2-Chlorotoluene	12.682	91	30387	4.591 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	35122	4.362 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2596	4.411 ug/l	96
82) 4-Chlorotoluene	12.780	91	30501	4.447 ug/l	99
83) tert-Butylbenzene	12.999	119	31232	4.252 ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	34752	4.314 ug/l	100
85) sec-Butylbenzene	13.176	105	49546	4.449 ug/l	99
86) p-Isopropyltoluene	13.292	119	38822	4.240 ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19350	4.431 ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	19268	4.529 ug/l	91
89) n-Butylbenzene	13.615	91	37774	4.333 ug/l	100
90) Hexachloroethane	13.883	117	8072	4.506 ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	15922	4.244 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	949	3.754 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	8529	4.159 ug/l	95
94) Hexachlorobutadiene	15.023	225	5627	5.024 ug/l	98
95) Naphthalene	15.145	128	15167	3.859 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	7952	4.563 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

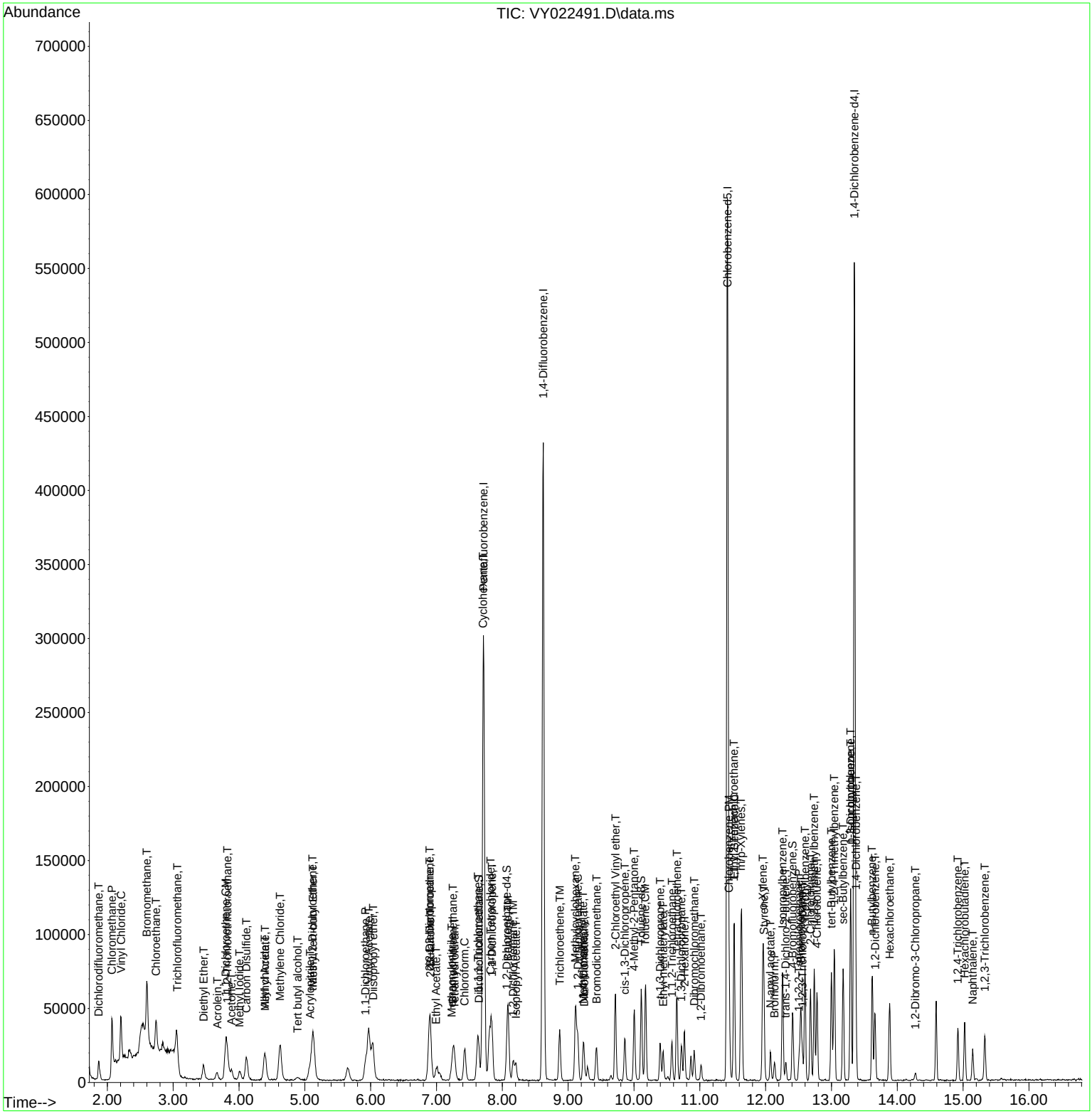
(#) = qualifier out of range (m) = manual integration (+) = signals summed

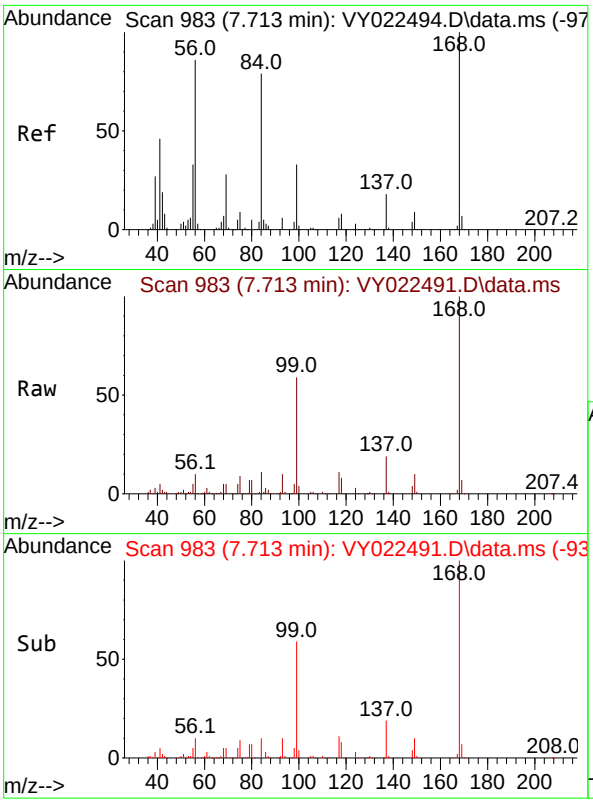
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022491.D
Acq On : 02 Jun 2025 11:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Jun 03 02:52:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



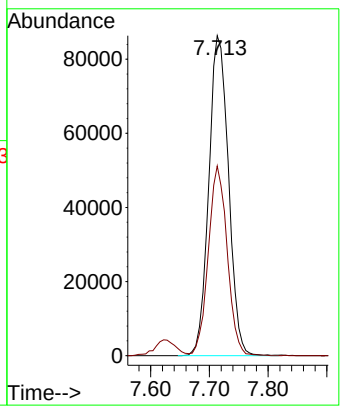


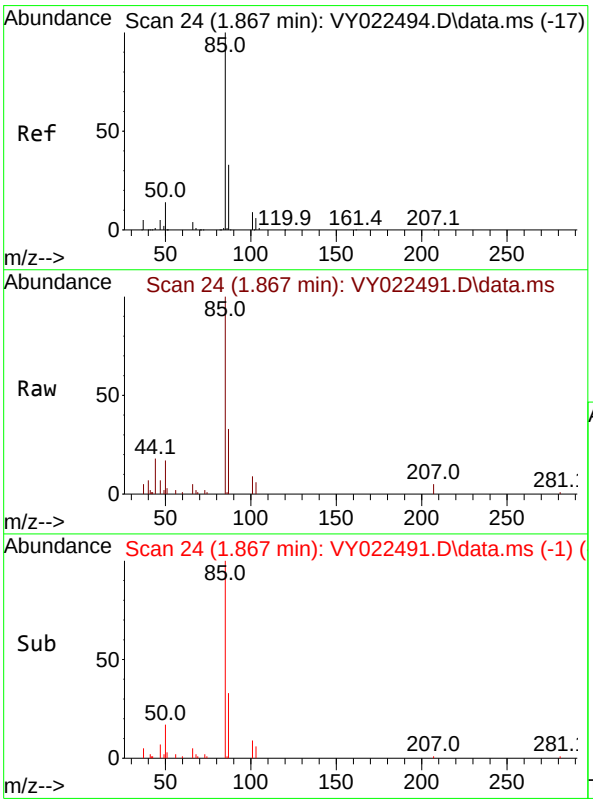
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 201089

Ion	Ratio	Lower	Upper
168	100		
99	59.3	44.3	66.5

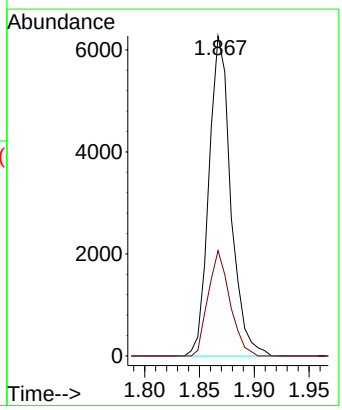


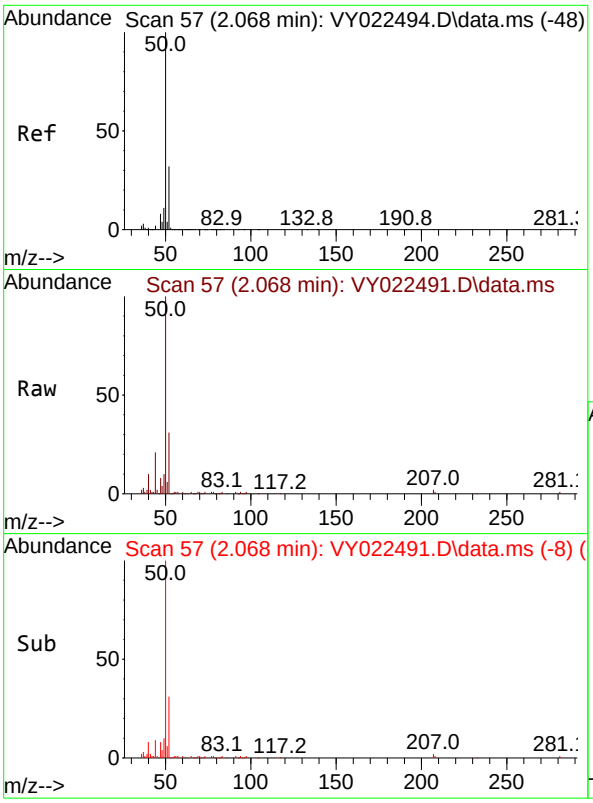


#2
Dichlorodifluoromethane
Concen: 4.961 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 85 Resp: 8717

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.7	50.0



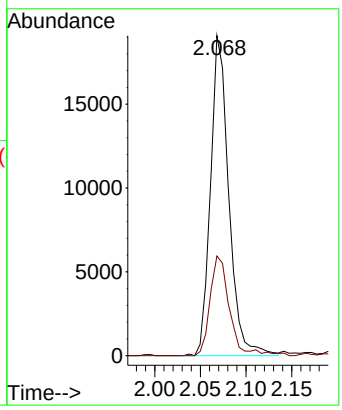


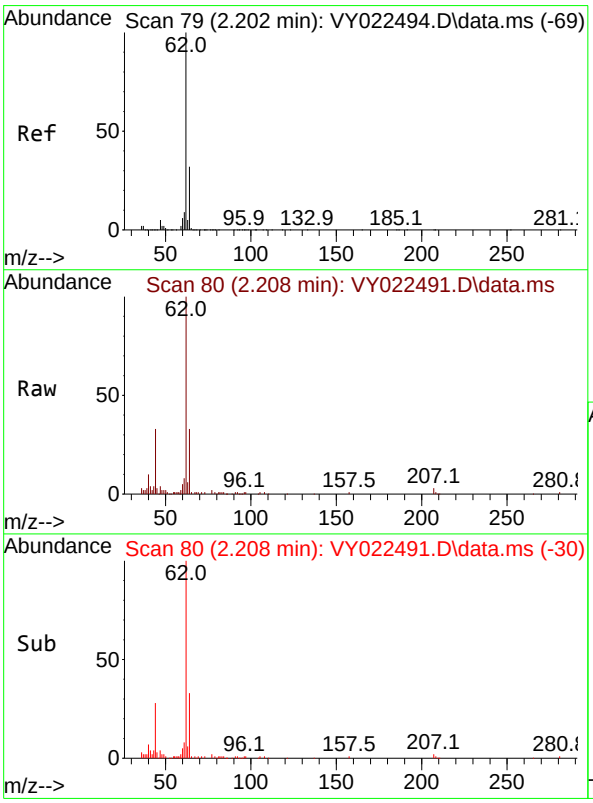
#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 26535

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.0	39.0

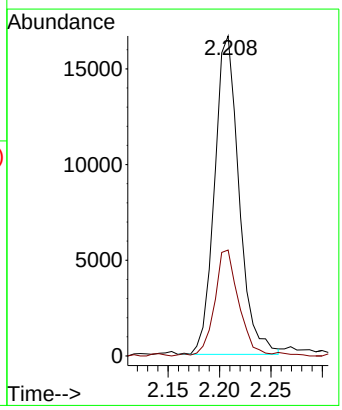


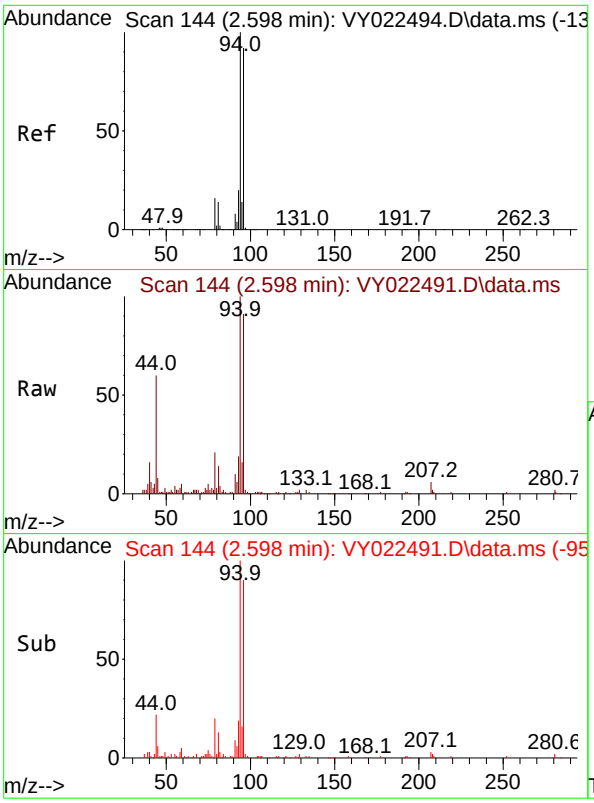


#4
Vinyl Chloride
Concen: 4.544 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 27572

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.3	37.9



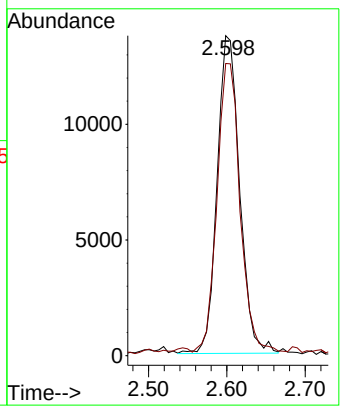


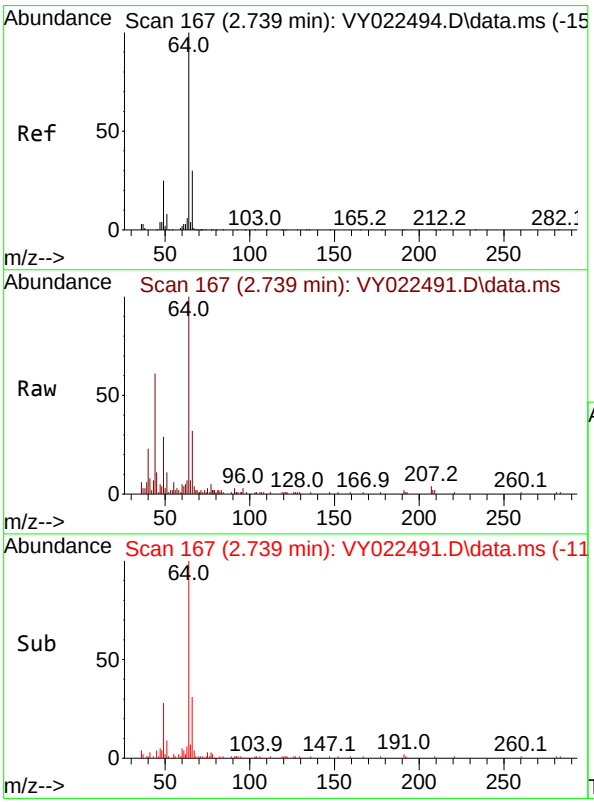
#5
Bromomethane
Concen: 4.784 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 27457

Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.0	111.0

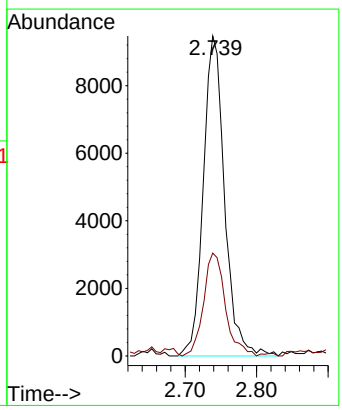


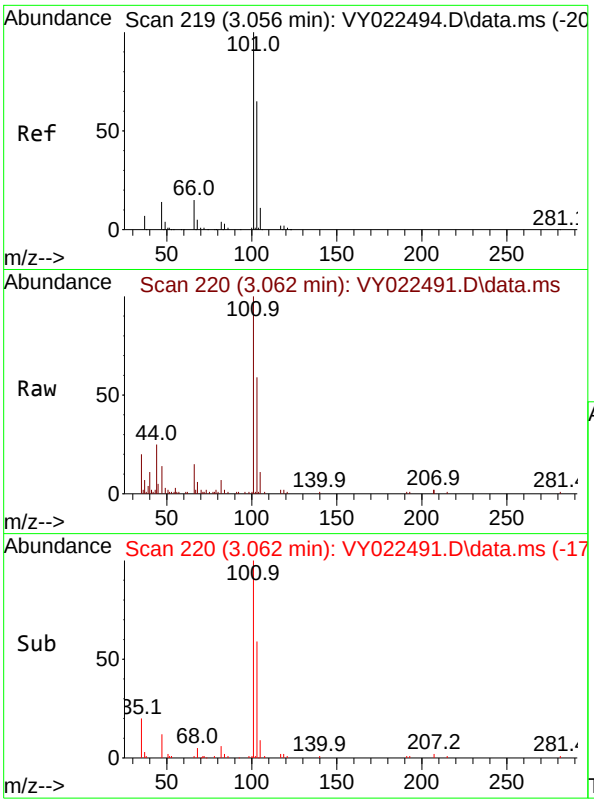


#6
Chloroethane
Concen: 4.710 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 64 Resp: 19566

Ion	Ratio	Lower	Upper
64	100		
66	32.1	23.8	35.6



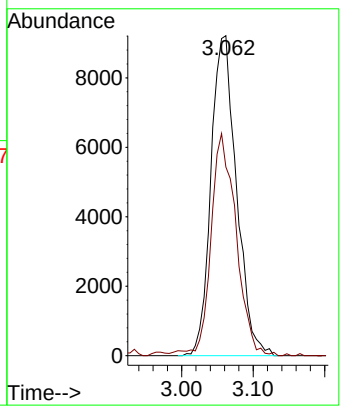


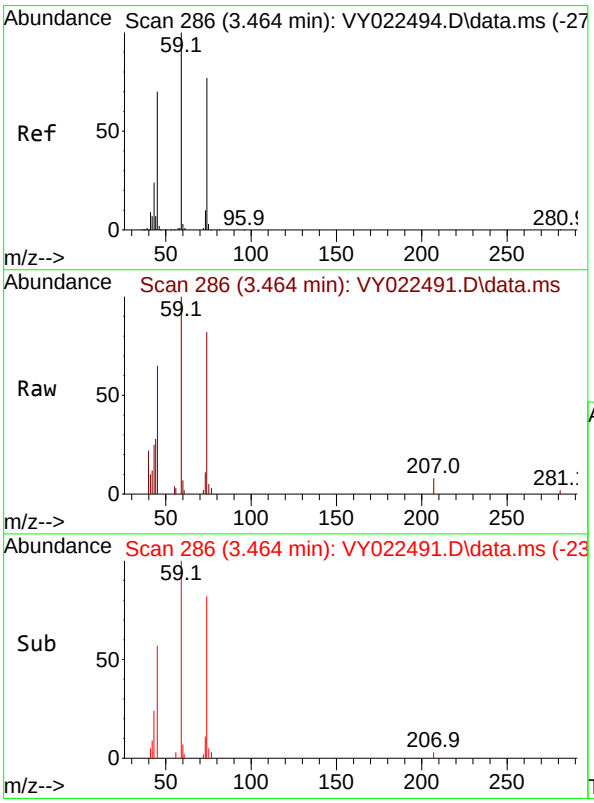
#7
Trichlorofluoromethane
Concen: 4.428 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 22825

Ion	Ratio	Lower	Upper
101	100		
103	59.0	52.2	78.2

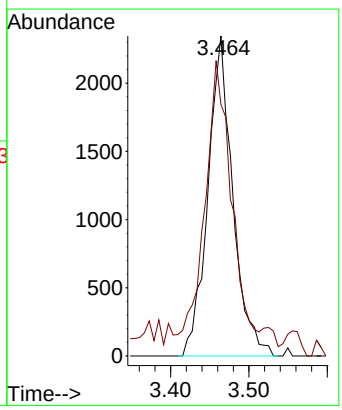


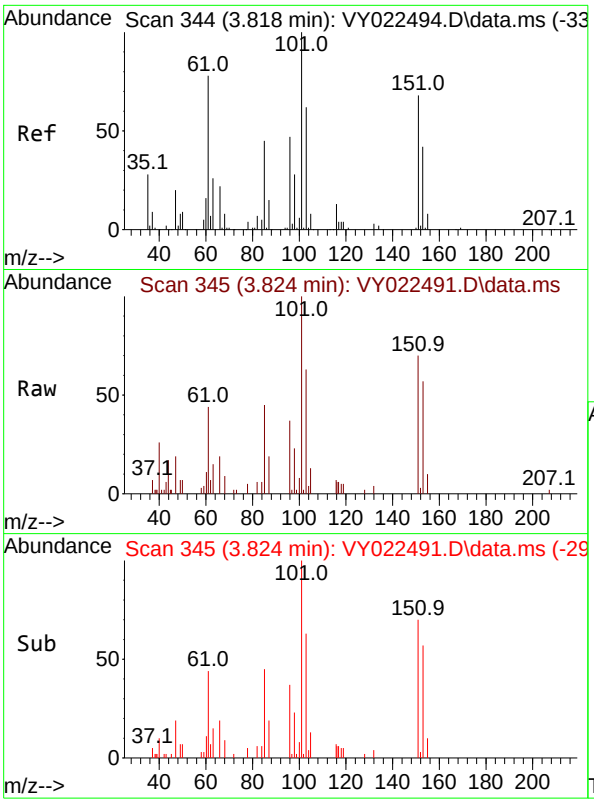


#8
Diethyl Ether
Concen: 4.553 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 74 Resp: 5184

Ion	Ratio	Lower	Upper
74	100		
45	98.9	45.9	137.6



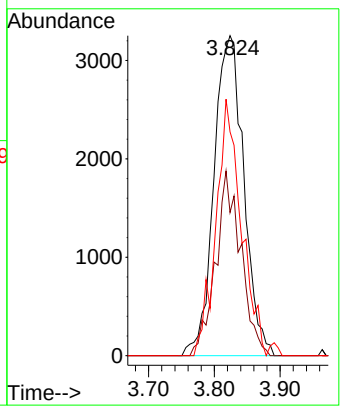


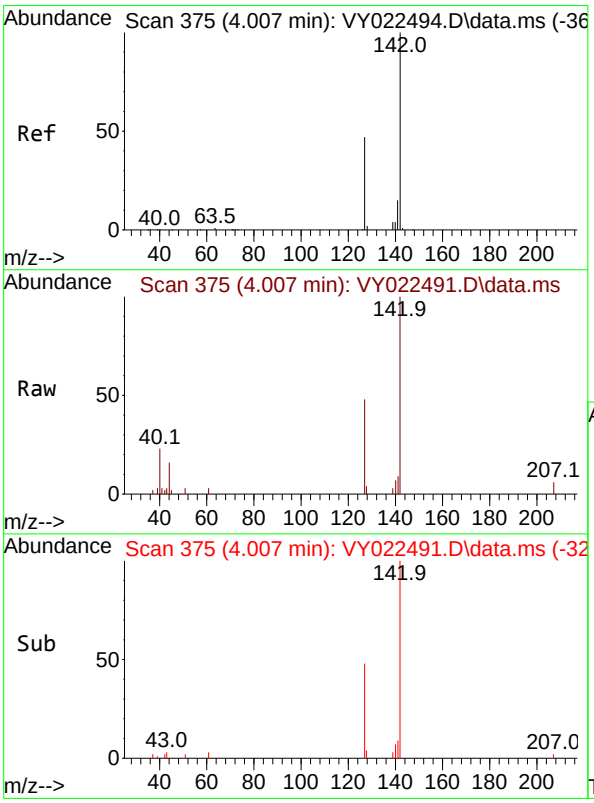
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.744 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 10259

Ion	Ratio	Lower	Upper
101	100		
85	48.8	39.3	58.9
151	67.9	57.8	86.8

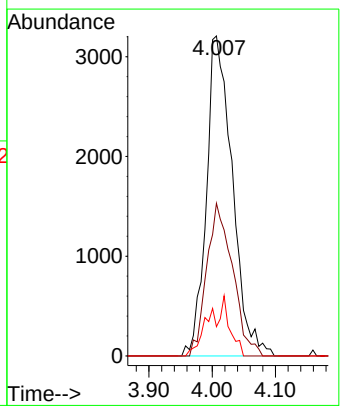


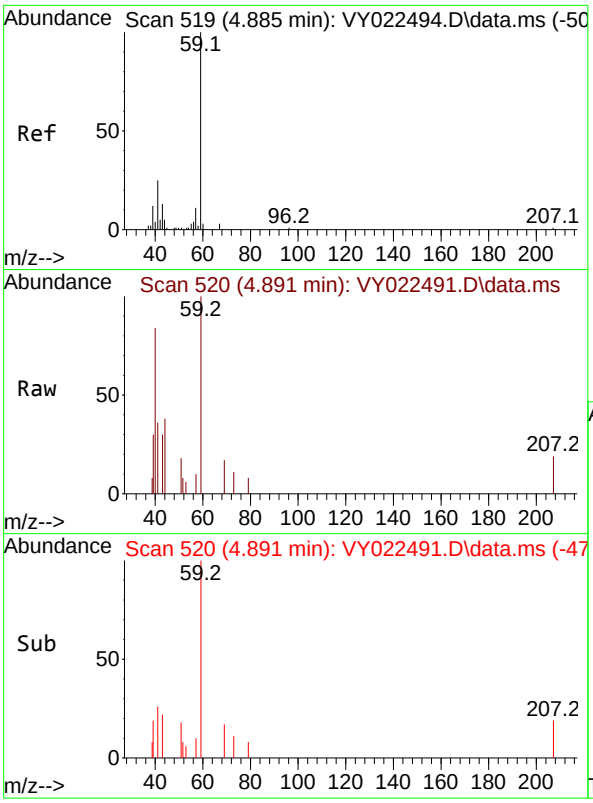


#10
Methyl Iodide
Concen: 3.956 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:142 Resp: 9174

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	7.8	11.4	17.2#



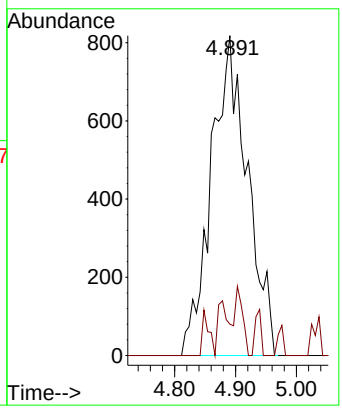


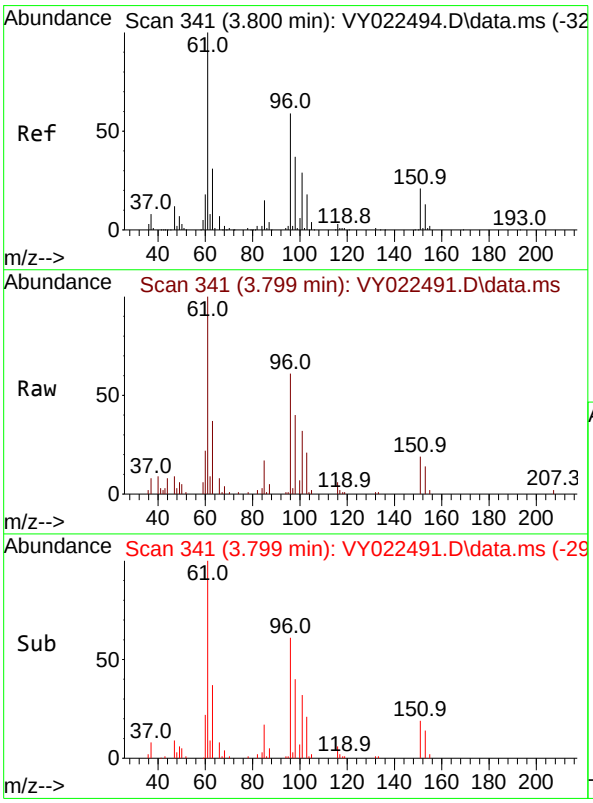
#11
Tert butyl alcohol
Concen: 21.587 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 3374

Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.0	12.0#

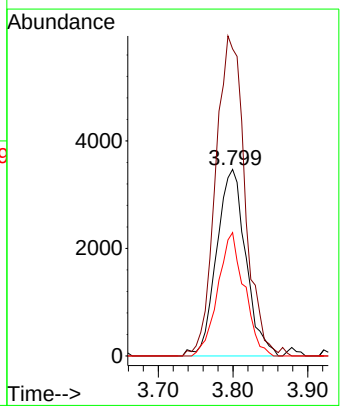


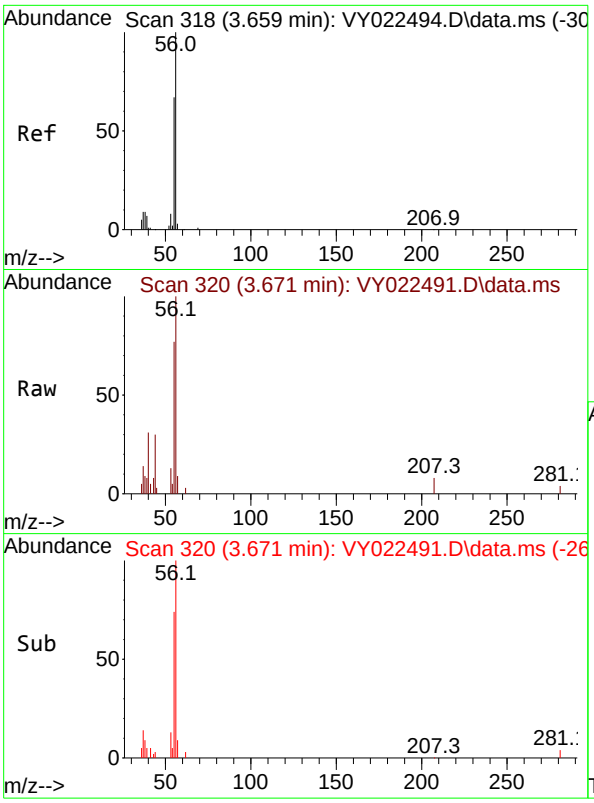


#12
1,1-Dichloroethene
Concen: 4.573 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 96 Resp: 9440

Ion	Ratio	Lower	Upper
96	100		
61	164.6	134.6	201.8
98	66.2	50.2	75.4



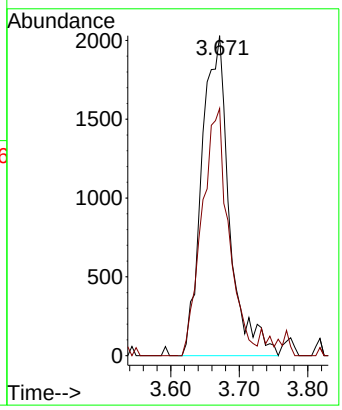


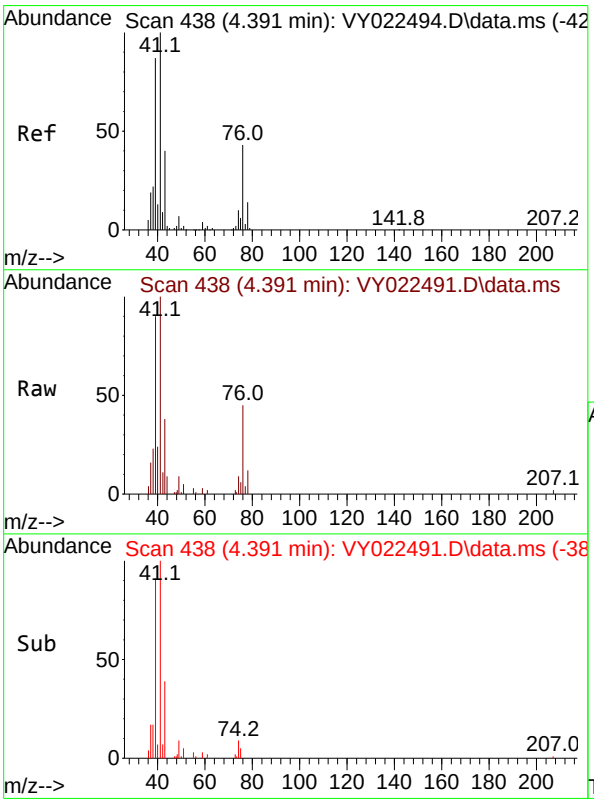
#13
Acrolein
Concen: 29.646 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 5656

Ion	Ratio	Lower	Upper
56	100		
55	75.3	57.0	85.6

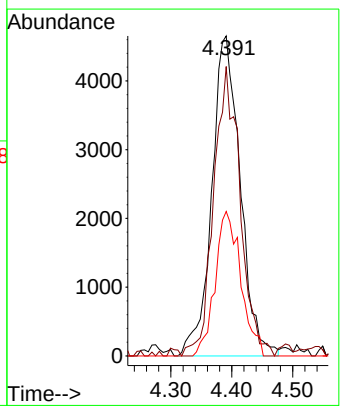


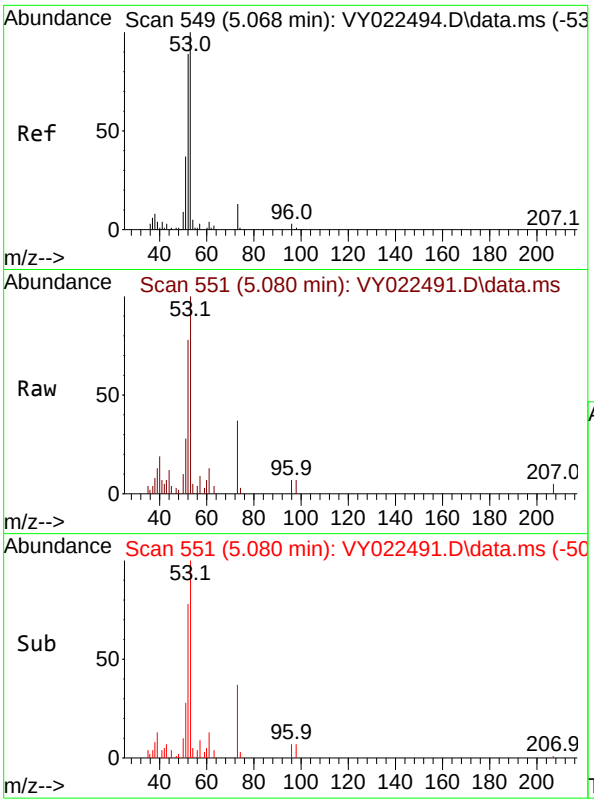


#14
Allyl chloride
Concen: 4.693 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 15096

Ion	Ratio	Lower	Upper
41	100		
39	84.0	69.1	103.7
76	40.8	33.5	50.3



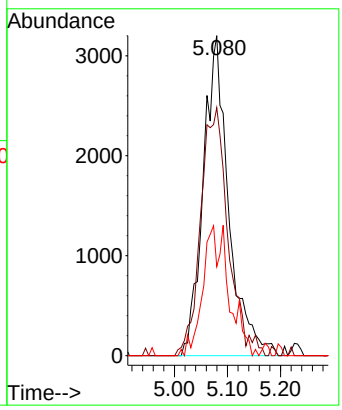


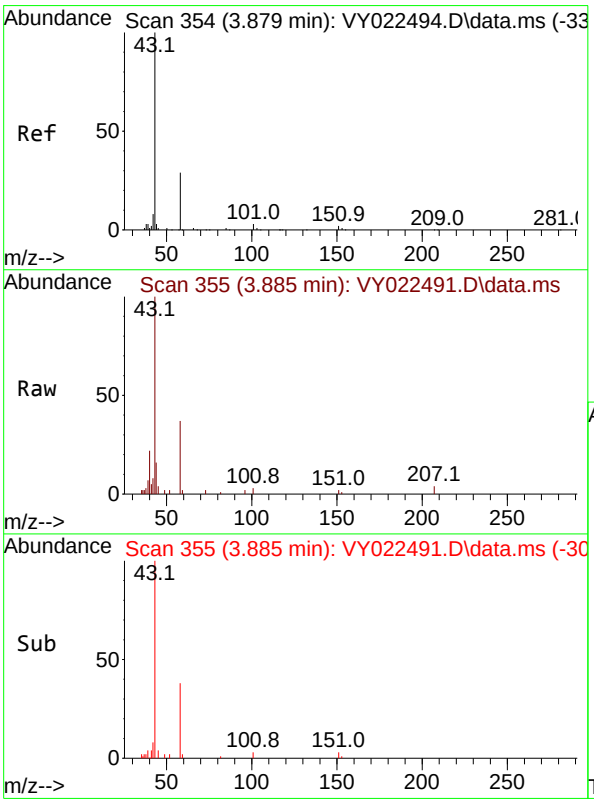
#15
Acrylonitrile
Concen: 22.026 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 10667

Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.7	98.5
51	41.4	30.1	45.1

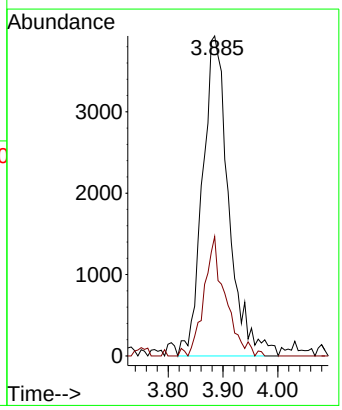


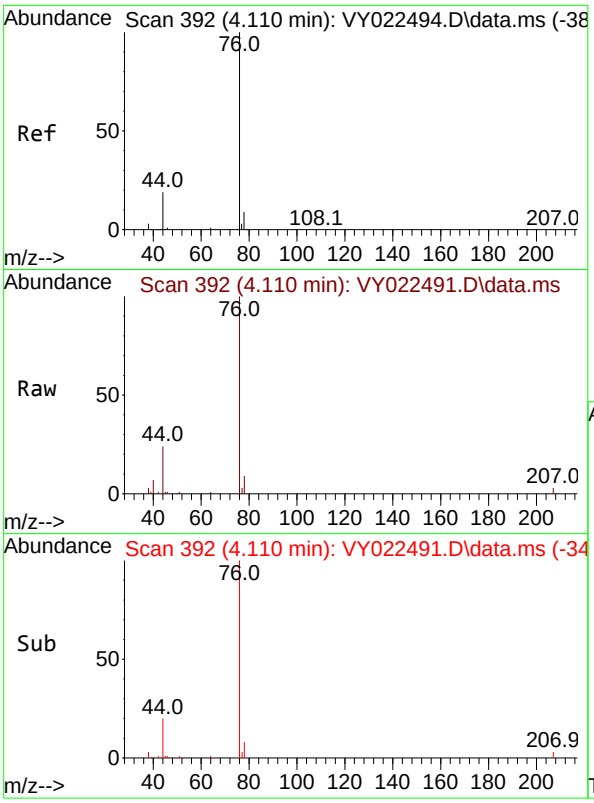


#16
Acetone
Concen: 30.108 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 13023

Ion	Ratio	Lower	Upper
43	100		
58	37.3	24.0	36.0#



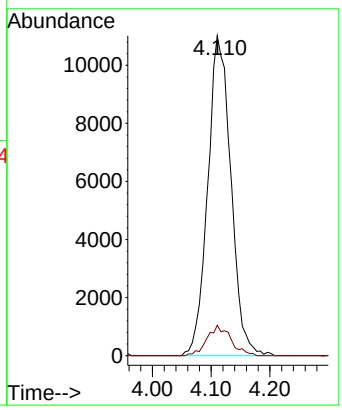


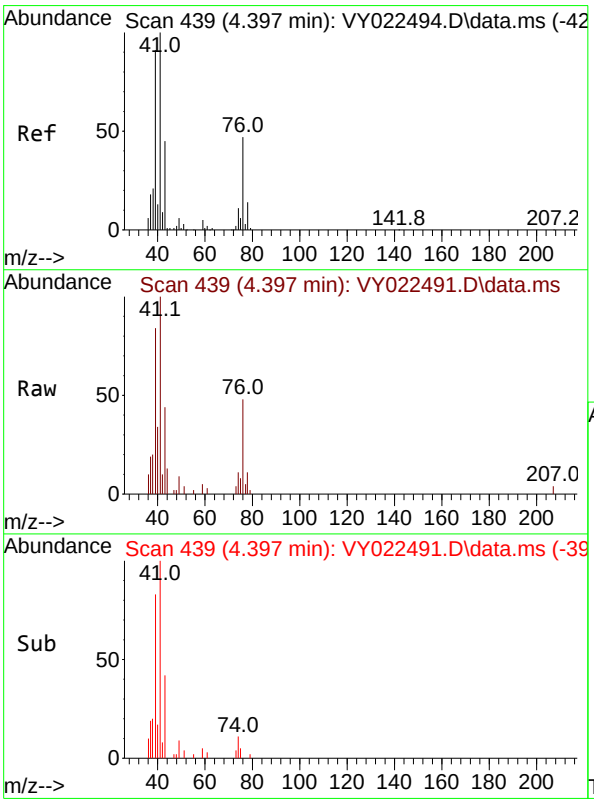
#17
Carbon Disulfide
Concen: 4.586 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 30222

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

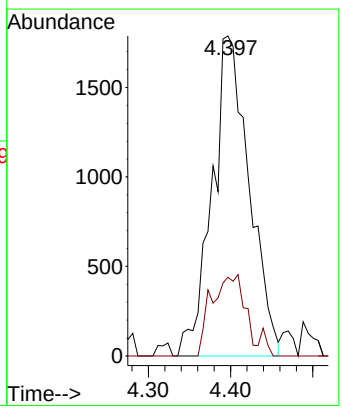


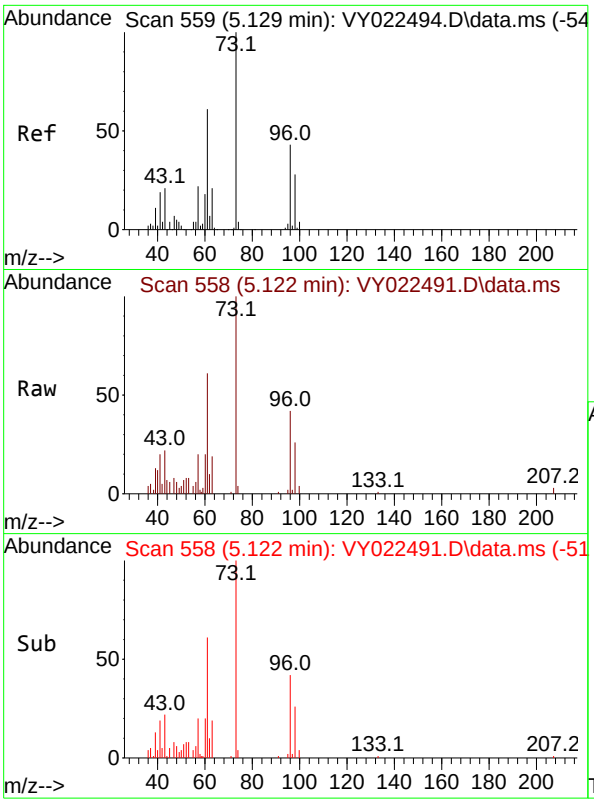


#18
Methyl Acetate
Concen: 4.327 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 5630

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.6



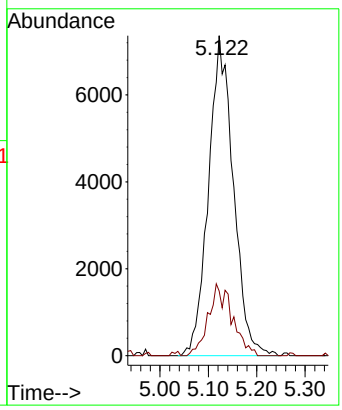


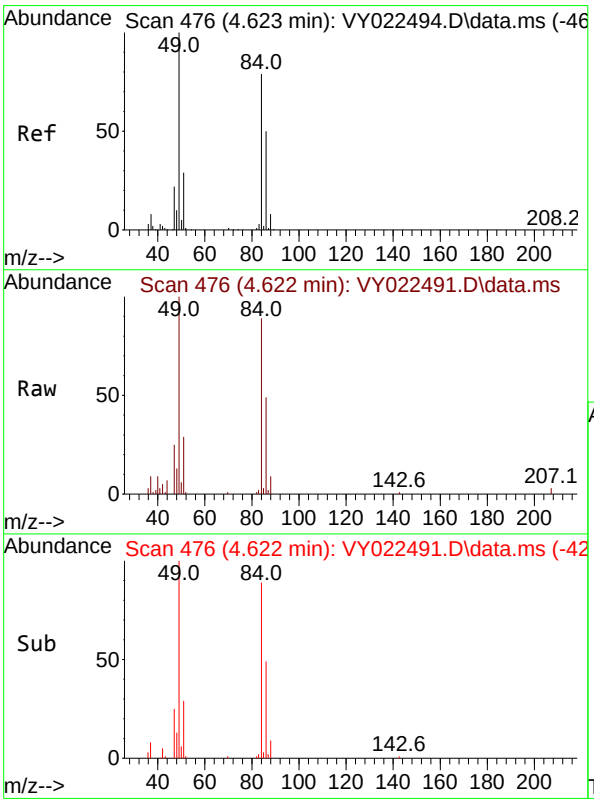
#19
Methyl tert-butyl Ether
Concen: 4.562 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 26276

Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.4	26.0

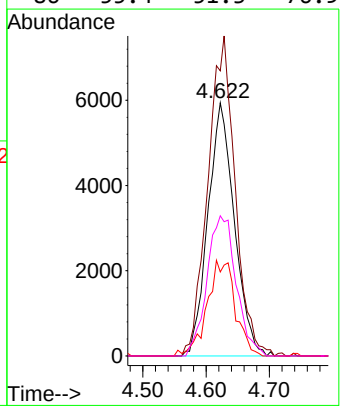


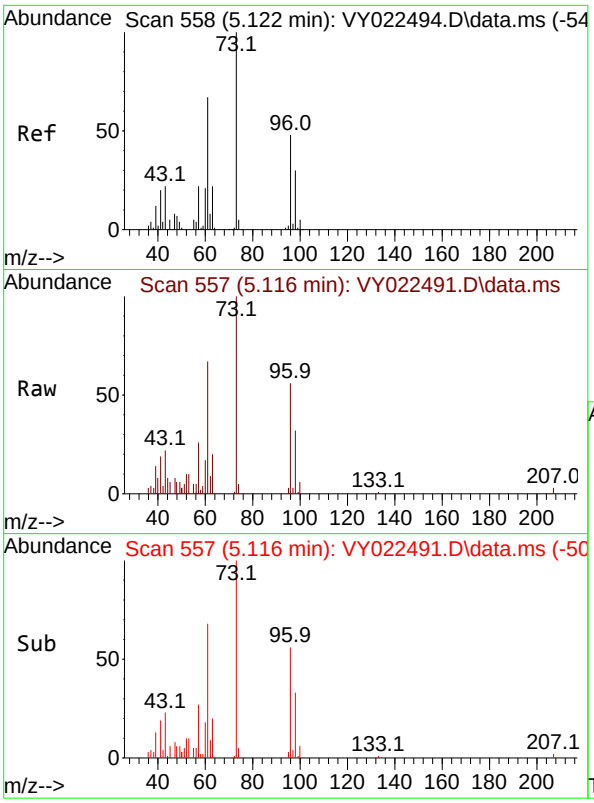


#20
Methylene Chloride
Concen: 7.168 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 84 Resp: 17312

Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.9	152.9
51	33.2	29.8	44.8
86	55.4	51.3	76.9



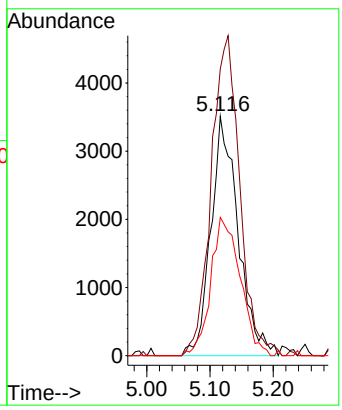


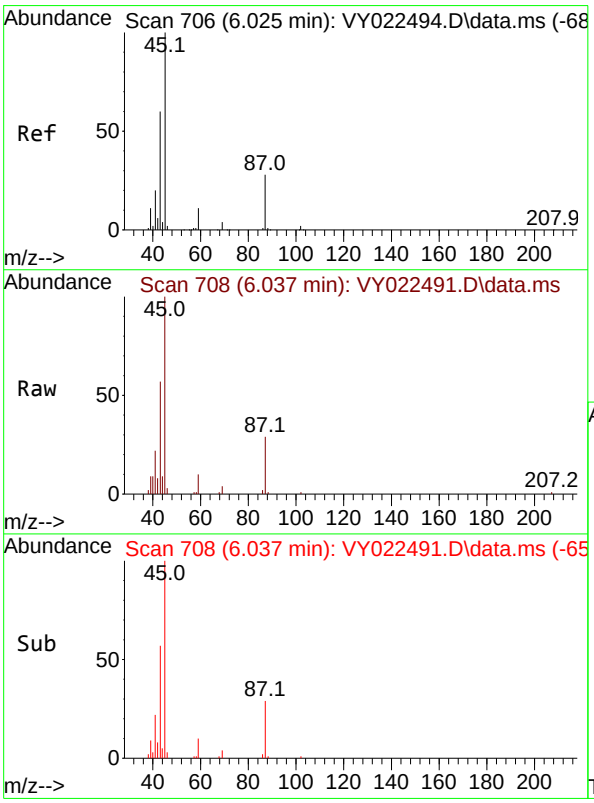
#21
trans-1,2-Dichloroethene
Concen: 4.549 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 10489

Ion	Ratio	Lower	Upper
96	100		
61	119.8	112.6	169.0
98	57.7	50.6	75.8

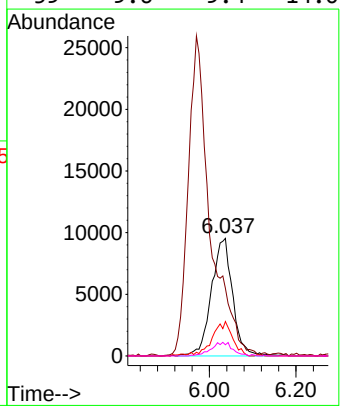


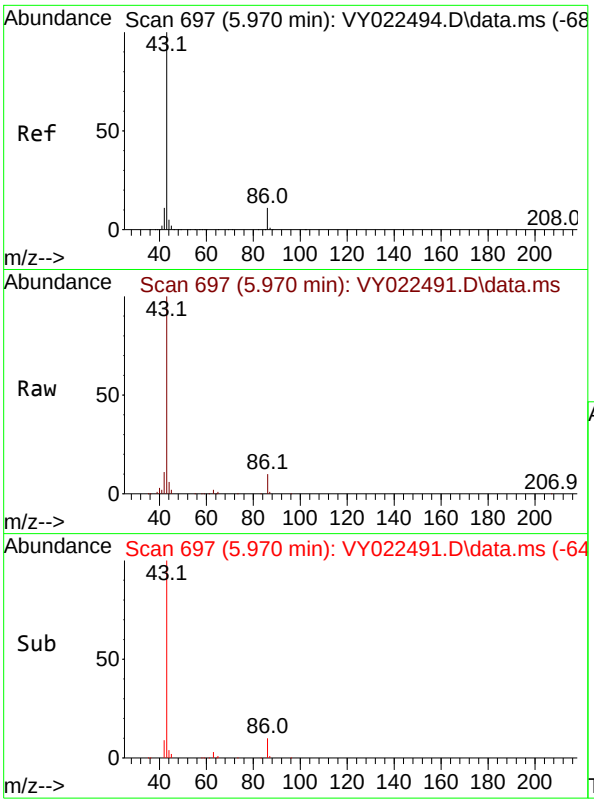


#22
Diisopropyl ether
Concen: 4.544 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 45 Resp: 32497

Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.3	72.5
87	29.3	23.0	34.6
59	9.6	9.4	14.0



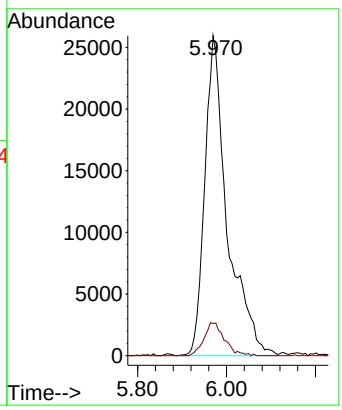


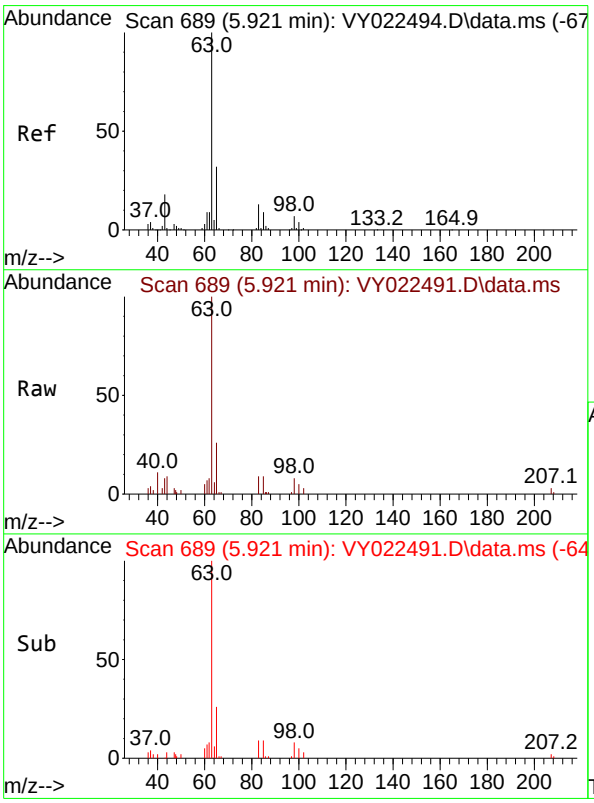
#23
Vinyl Acetate
Concen: 21.559 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 91478

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	12.8

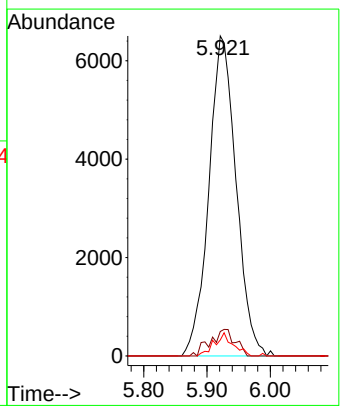


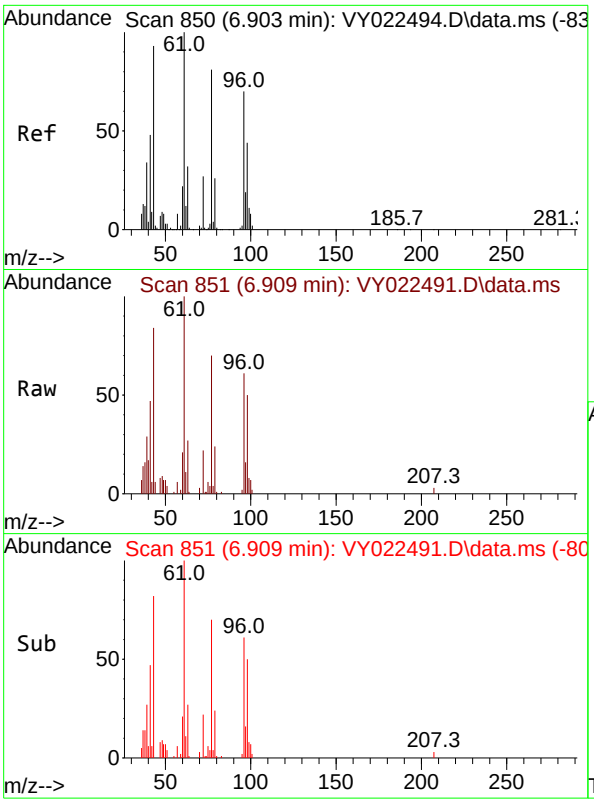


#24
1,1-Dichloroethane
Concen: 4.603 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 19460

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	5.0	2.1	6.3



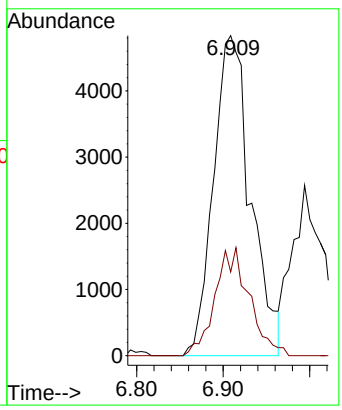


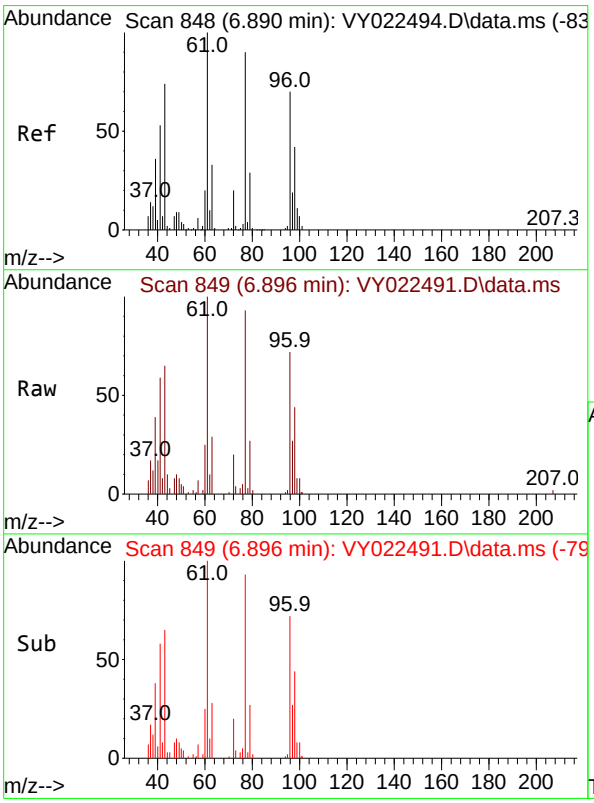
#25
2-Butanone
Concen: 22.605 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 14423

Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.9	34.3

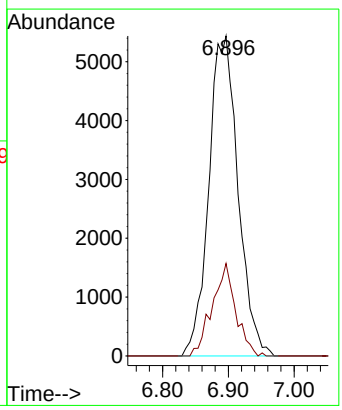


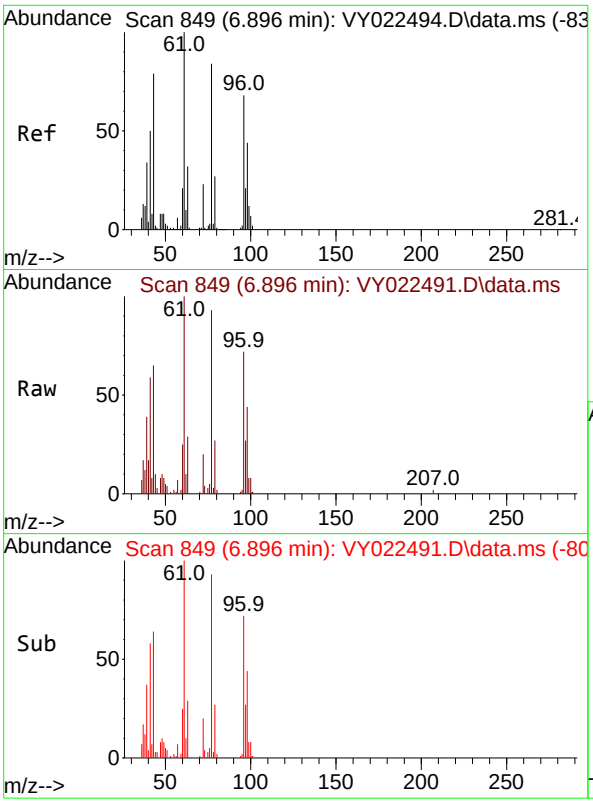


#26
2,2-Dichloropropane
Concen: 4.471 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 77 Resp: 16805

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.4	34.2



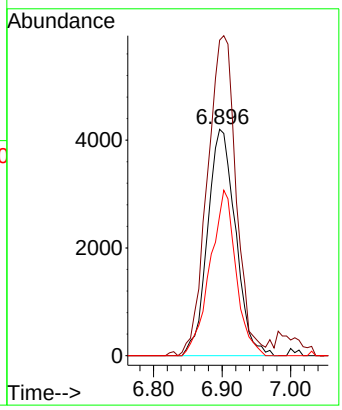


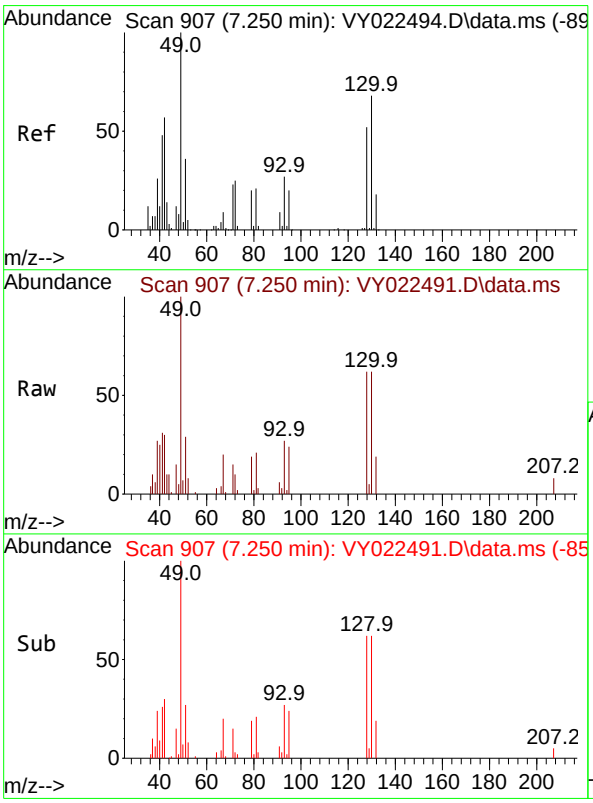
#27
cis-1,2-Dichloroethene
Concen: 4.467 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 11906

Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	290.0
98	67.8	0.0	128.4

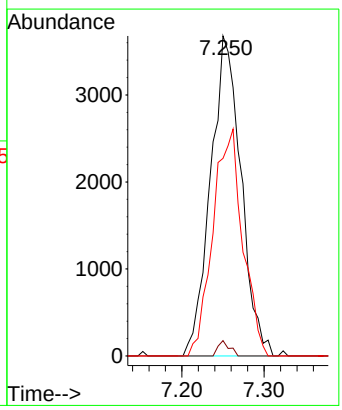


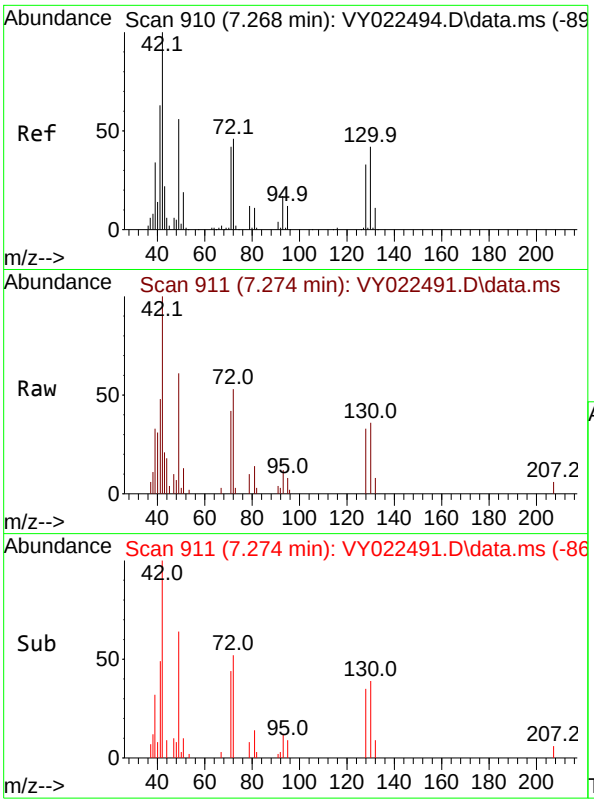


#28
Bromochloromethane
Concen: 5.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 49 Resp: 9453

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.5	55.7	83.5



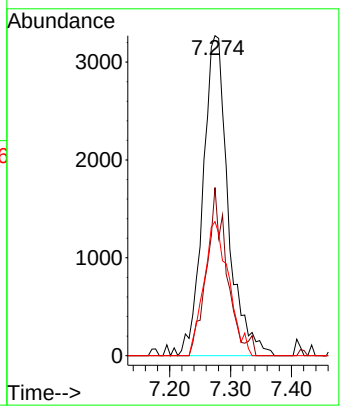


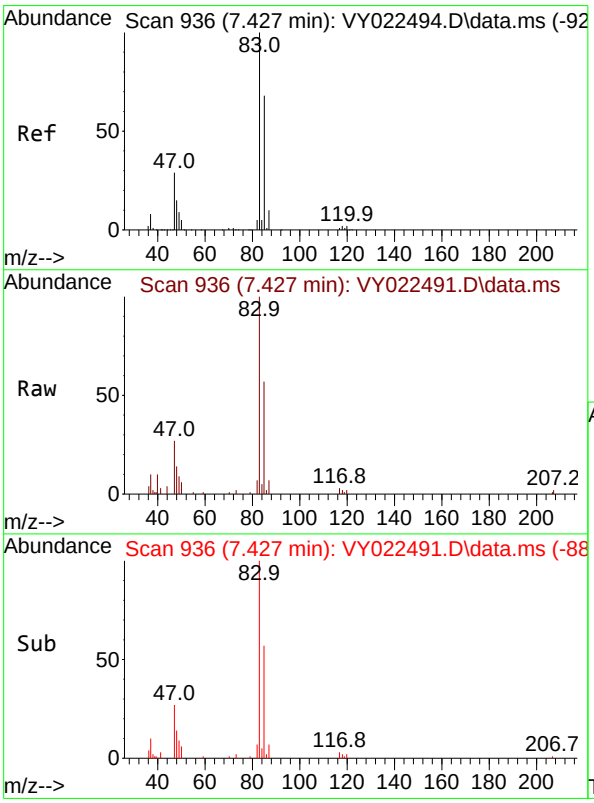
#29
Tetrahydrofuran
Concen: 22.781 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 9377

Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.4	56.2
71	41.5	34.2	51.2

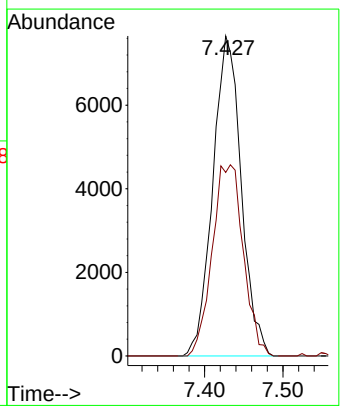


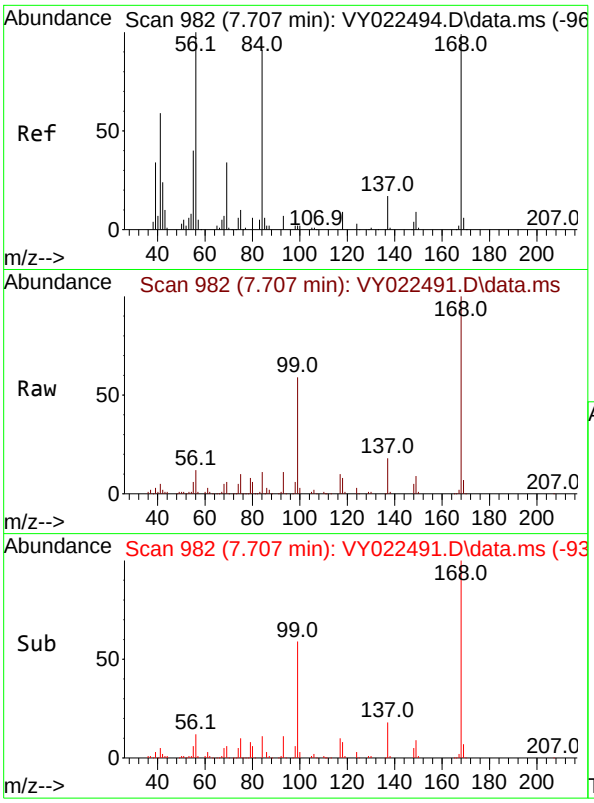


#30
Chloroform
Concen: 4.620 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 83 Resp: 19302

Ion	Ratio	Lower	Upper
83	100		
85	57.4	54.2	81.4



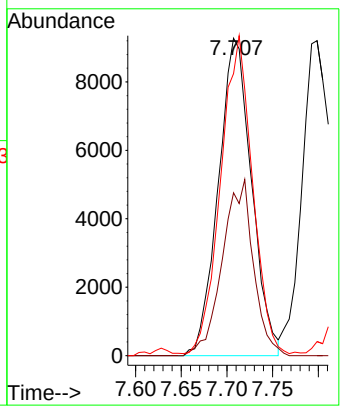


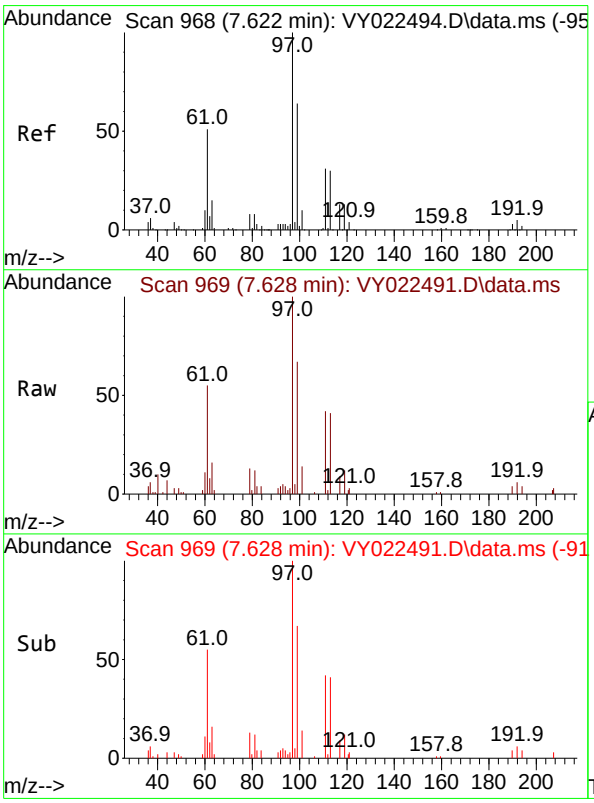
#31
Cyclohexane
Concen: 5.519 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 23482

Ion	Ratio	Lower	Upper
56	100		
69	51.3	27.0	40.6#
84	88.1	72.6	109.0

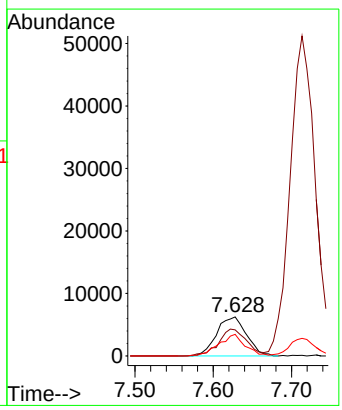


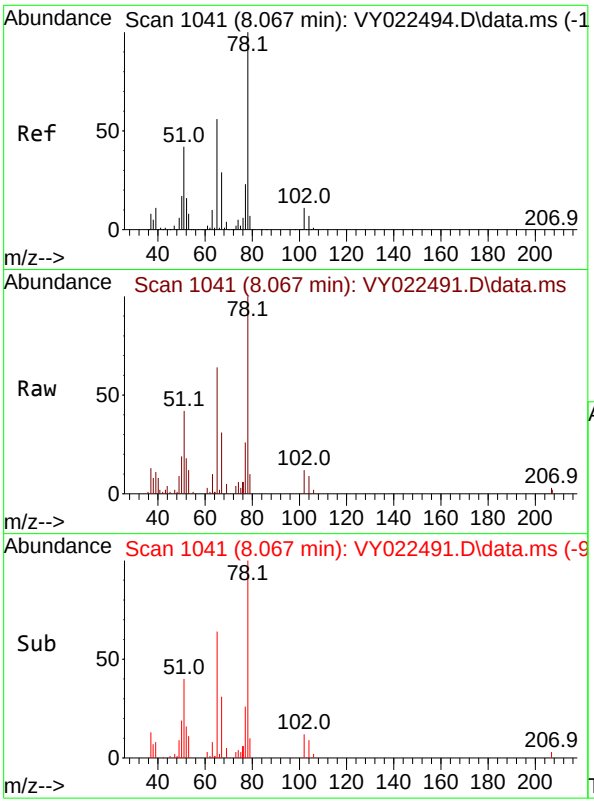


#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 97 Resp: 16476

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	48.9	38.5	57.7



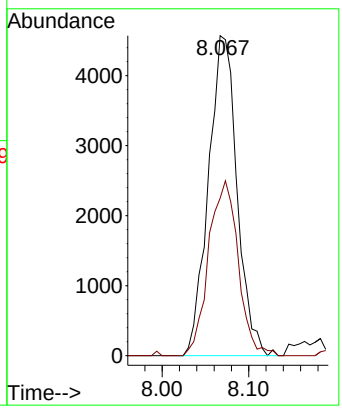


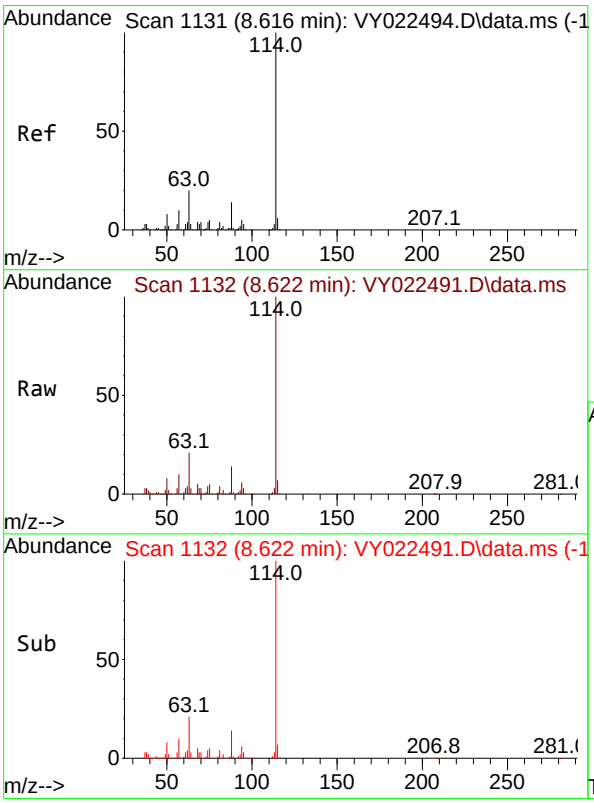
#33
1,2-Dichloroethane-d4
Concen: 4.802 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 10508

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	103.4

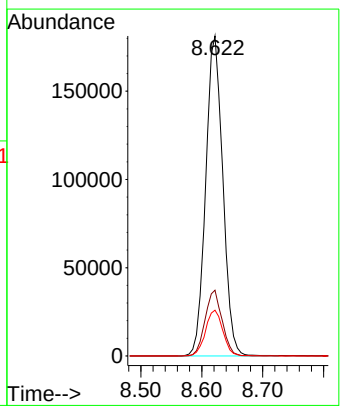


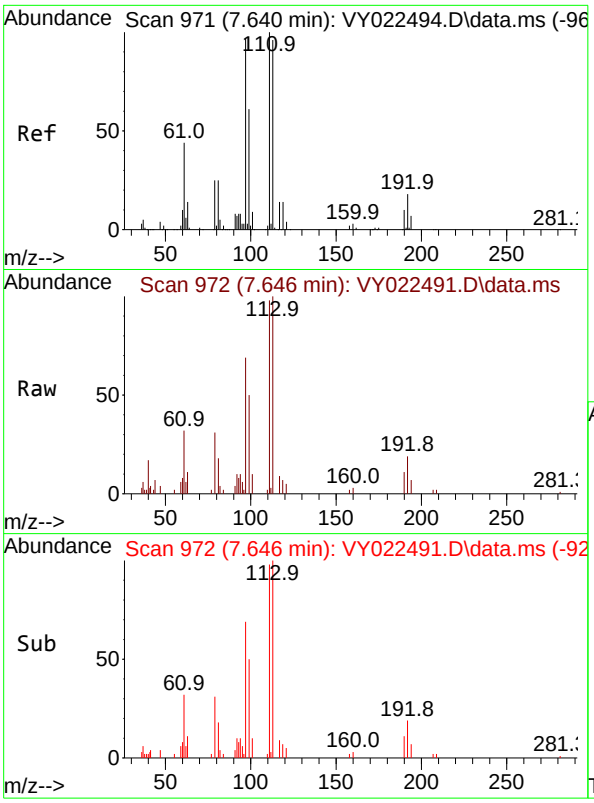


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:114 Resp: 353755

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.3	0.0	27.8



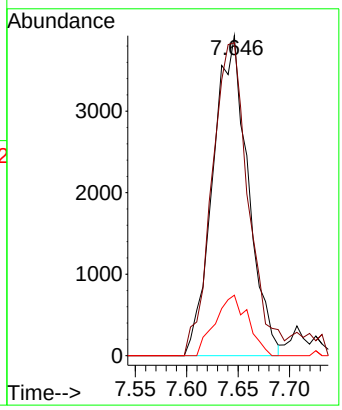


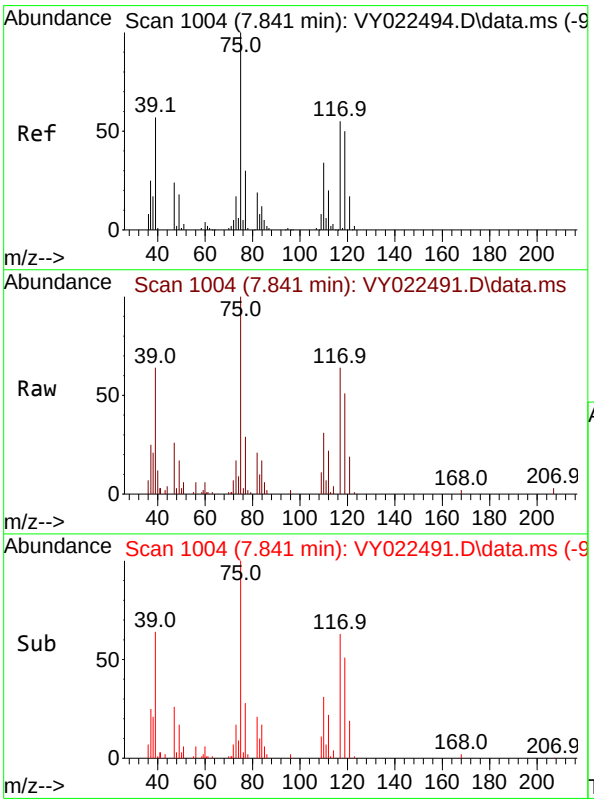
#35
Dibromofluoromethane
Concen: 4.477 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 9323

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.8	14.2	21.2

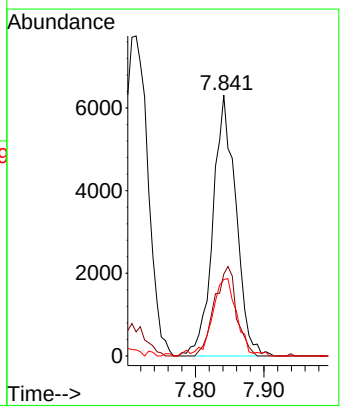


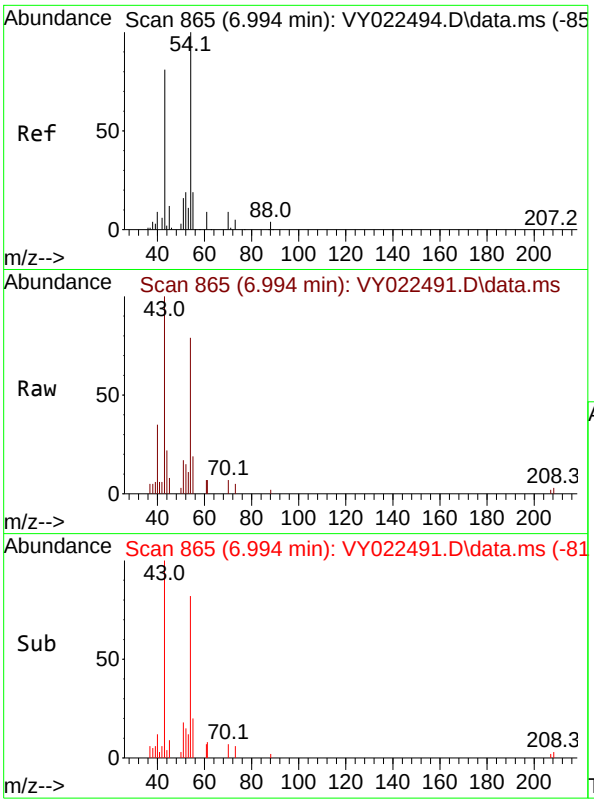


#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14700

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	32.0	24.8	37.2



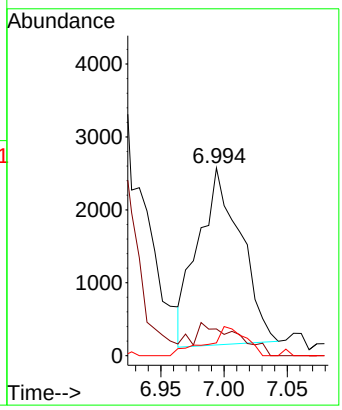


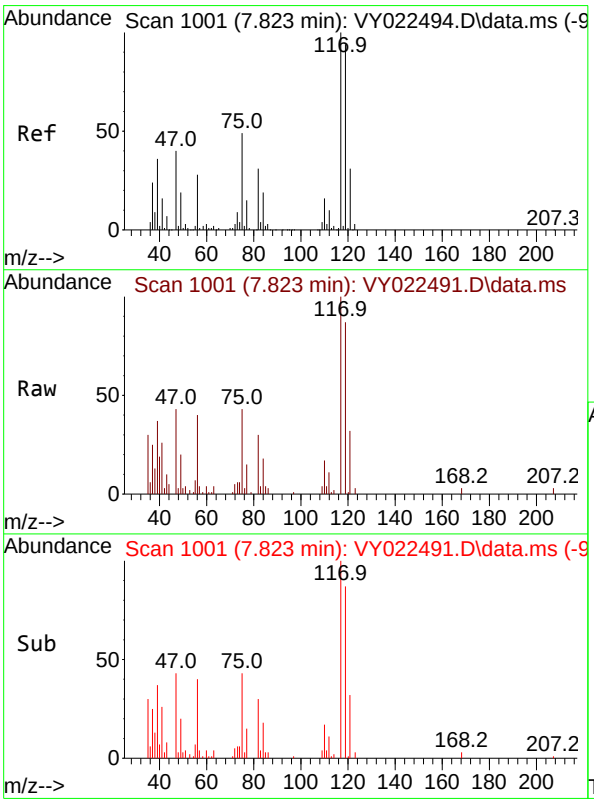
#37
Ethyl Acetate
Concen: 3.822 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 5662

Ion	Ratio	Lower	Upper
43	100		
61	19.6	11.5	17.3#
70	14.5	7.2	10.8#

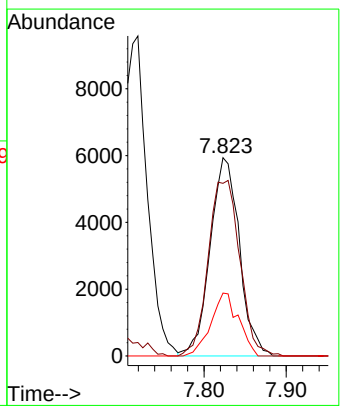


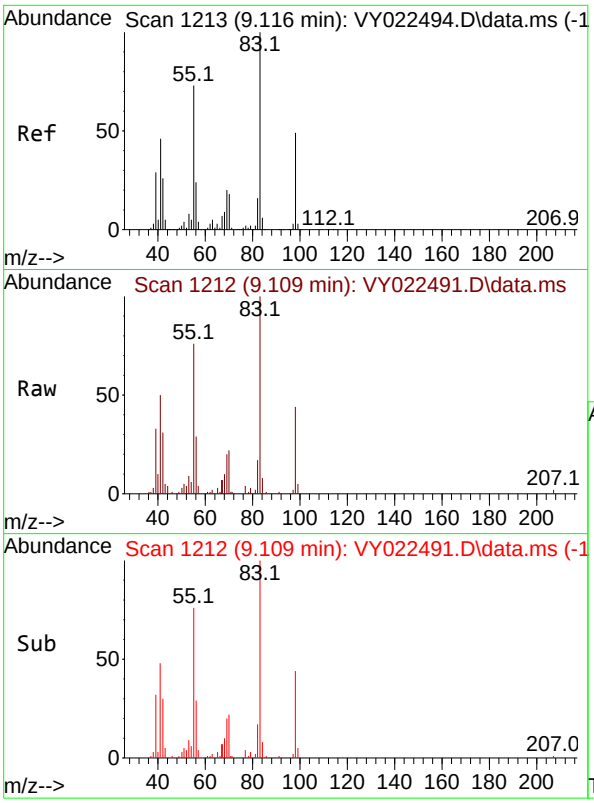


#38
Carbon Tetrachloride
Concen: 4.233 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 14691

Ion	Ratio	Lower	Upper
117	100		
119	87.1	75.0	112.6
121	31.7	25.0	37.4



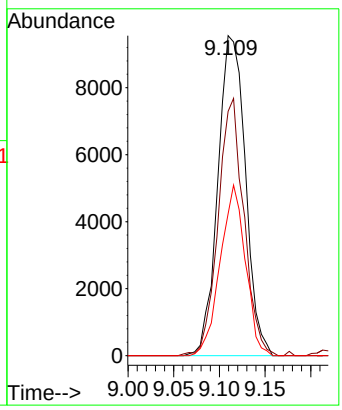


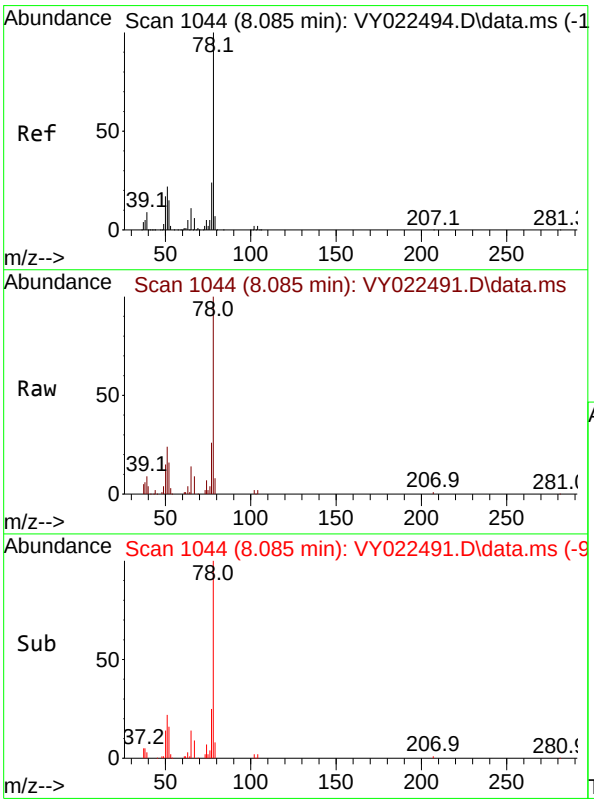
#39
Methylcyclohexane
Concen: 4.415 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20076

Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.1	87.1
98	44.4	39.0	58.6

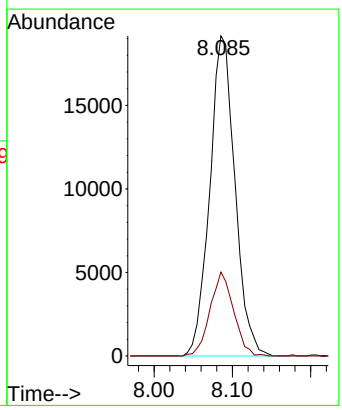


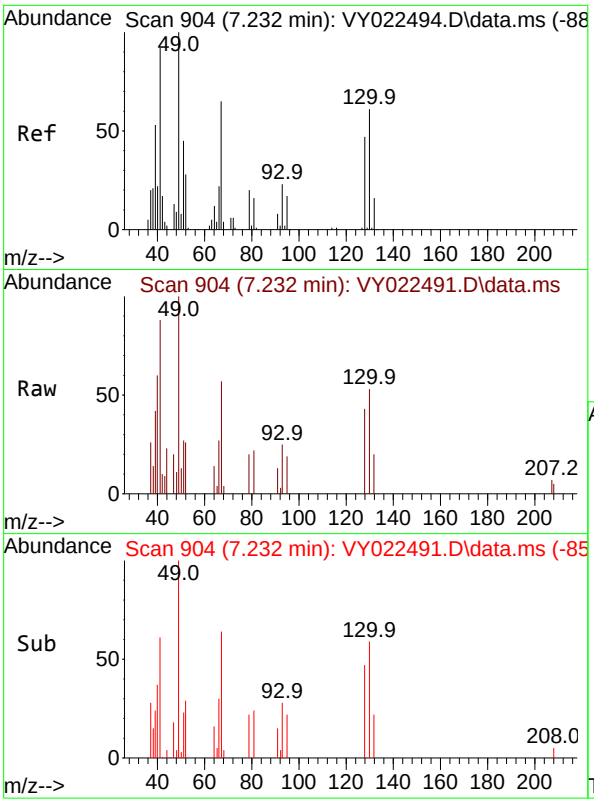


#40
Benzene
Concen: 4.326 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 78 Resp: 42926

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9



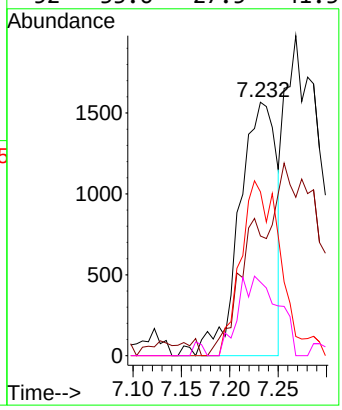


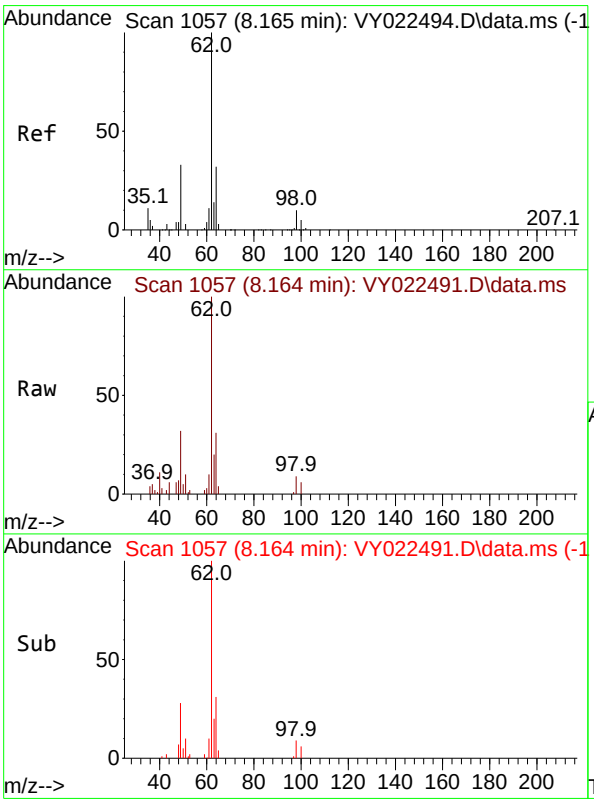
#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 7.232 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 4192

Ion	Ratio	Lower	Upper
41	100		
39	40.1	46.6	69.8#
67	74.0	63.3	94.9
52	33.6	27.5	41.3

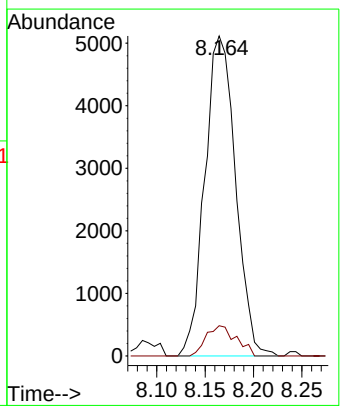


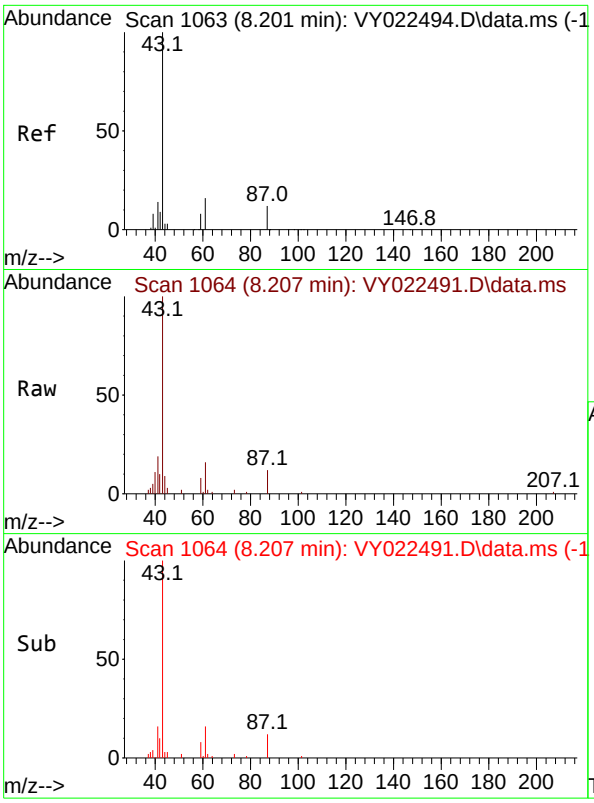


#42
1,2-Dichloroethane
Concen: 4.198 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 62 Resp: 11332

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2



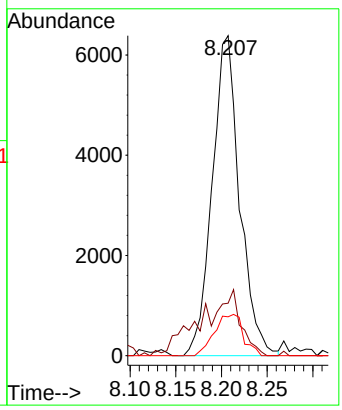


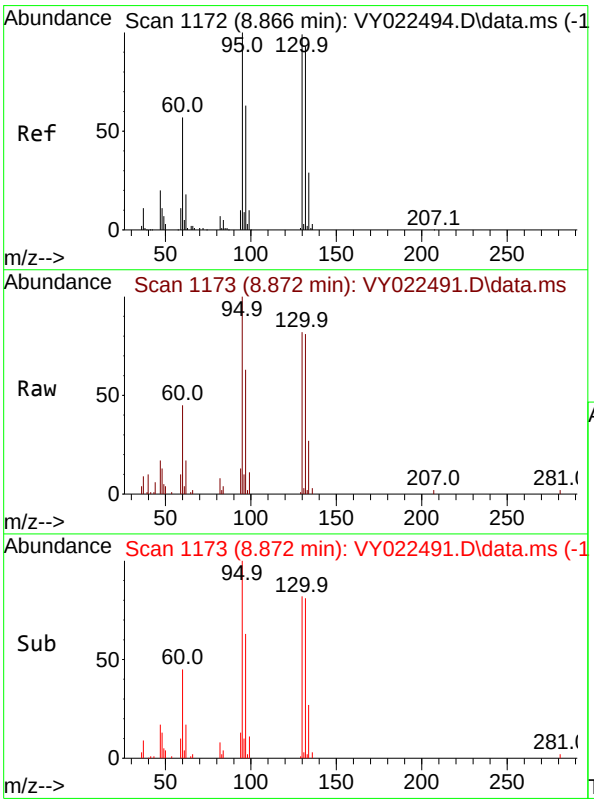
#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.207 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13330

Ion	Ratio	Lower	Upper
43	100		
61	16.2	15.6	23.4
87	13.6	10.2	15.4

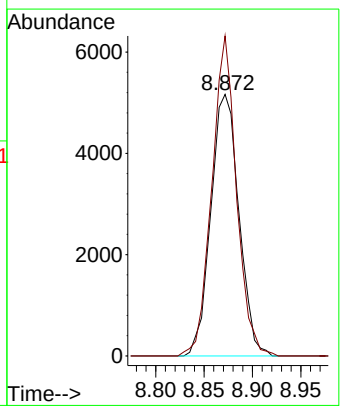


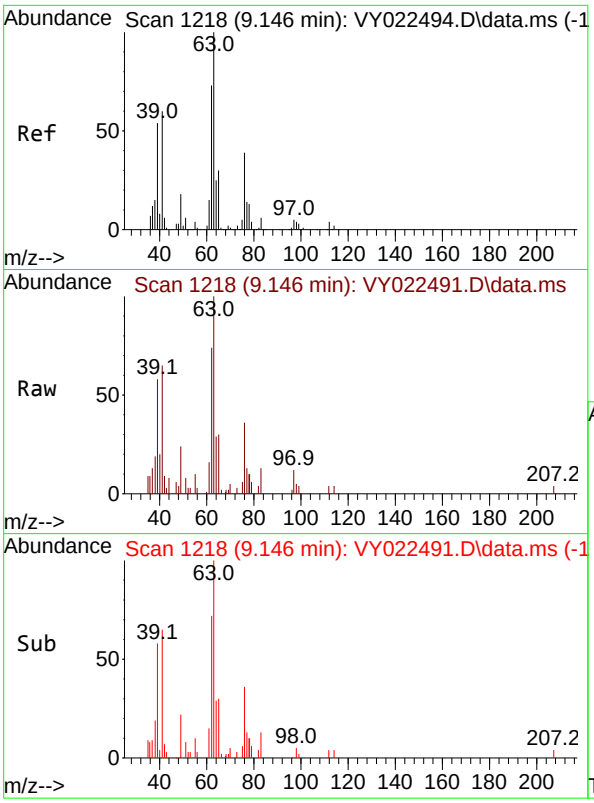


#44
Trichloroethene
Concen: 4.292 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:130 Resp: 10404

Ion	Ratio	Lower	Upper
130	100		
95	122.3	0.0	203.0



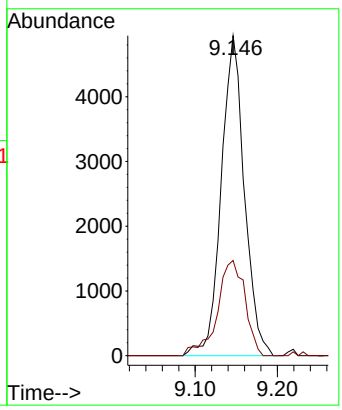


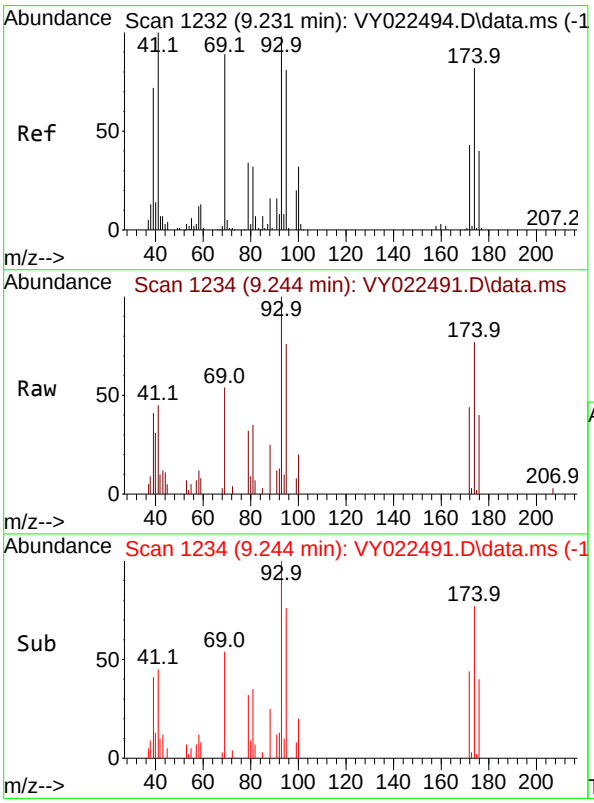
#45
1,2-Dichloropropane
Concen: 4.091 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 9678

Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.0	36.0

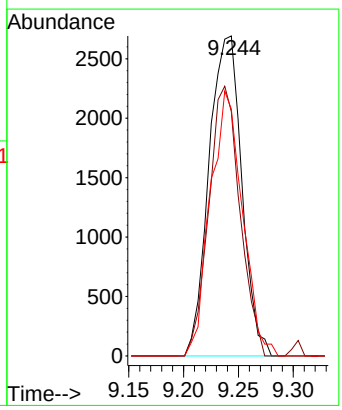


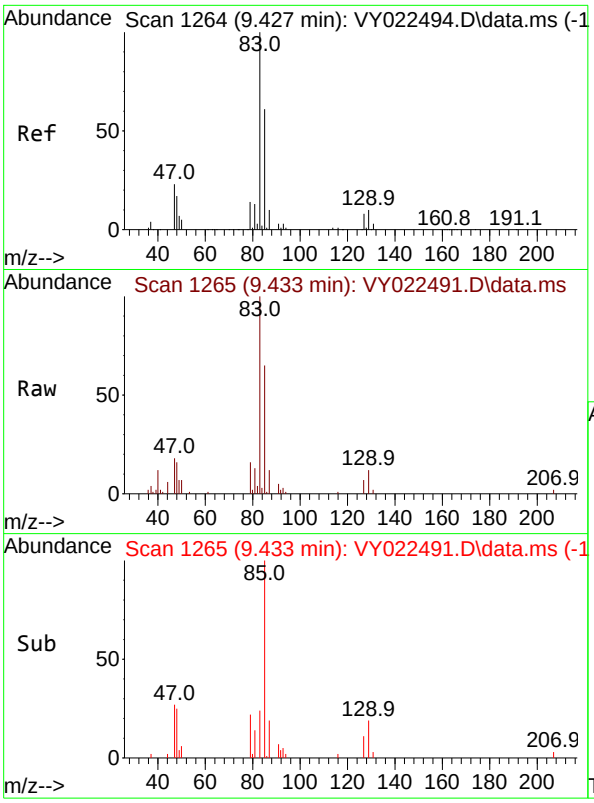


#46
Dibromomethane
Concen: 4.223 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 93 Resp: 5596

Ion	Ratio	Lower	Upper
93	100		
95	79.9	65.6	98.4
174	81.3	70.4	105.6



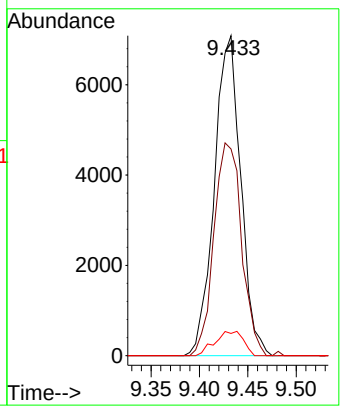


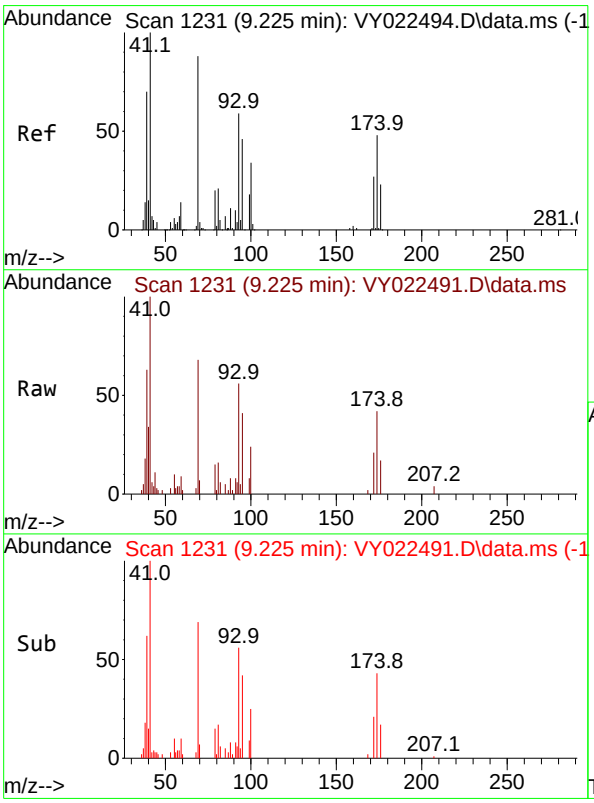
#47
Bromodichloromethane
Concen: 3.999 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 13448

Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.1	73.7
127	7.0	6.2	9.4

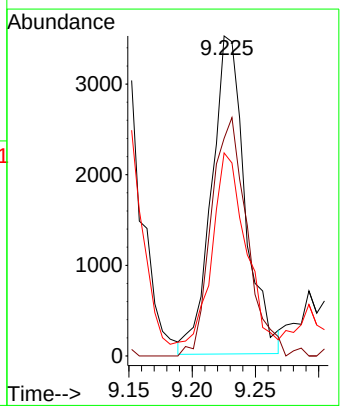


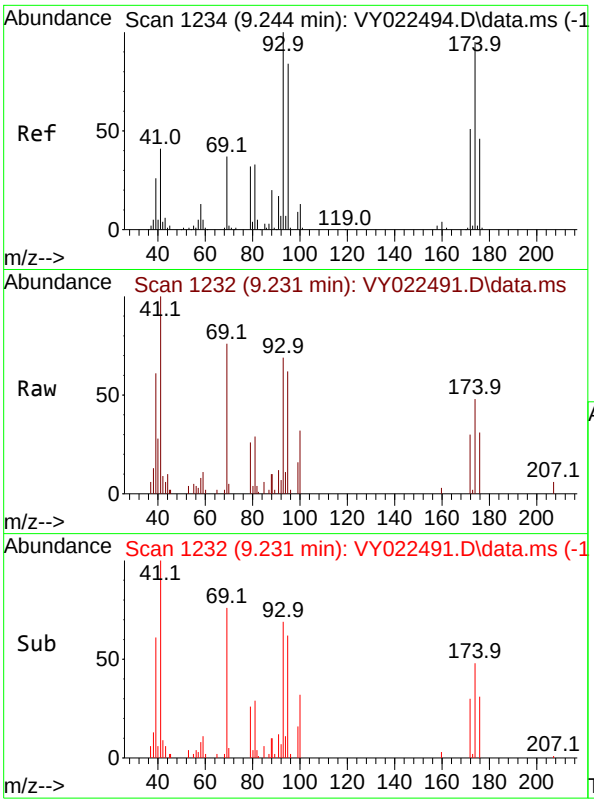


#48
Methyl methacrylate
Concen: 4.374 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 41 Resp: 6483

Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.8	101.8
39	57.3	55.0	82.4



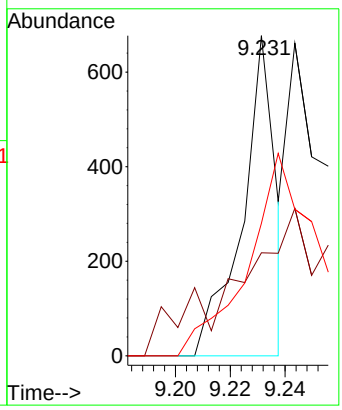


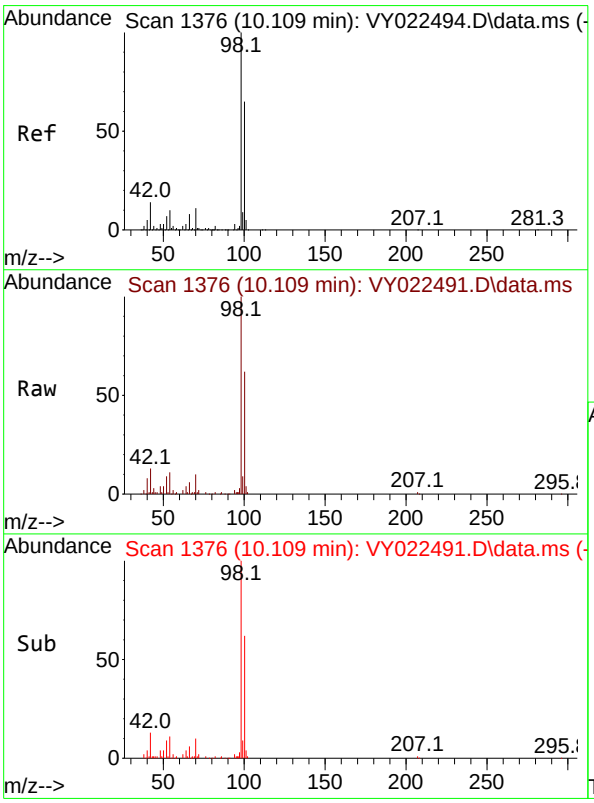
#49
1,4-Dioxane
Concen: 36.306 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 574

Ion	Ratio	Lower	Upper
88	100		
43	125.4	25.4	38.2#
58	154.7	54.9	82.3#

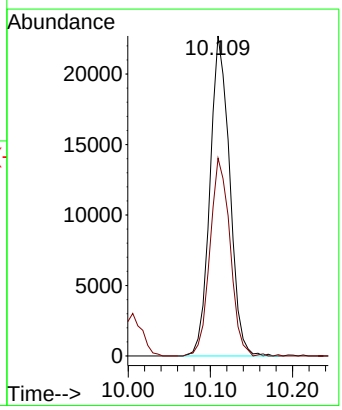


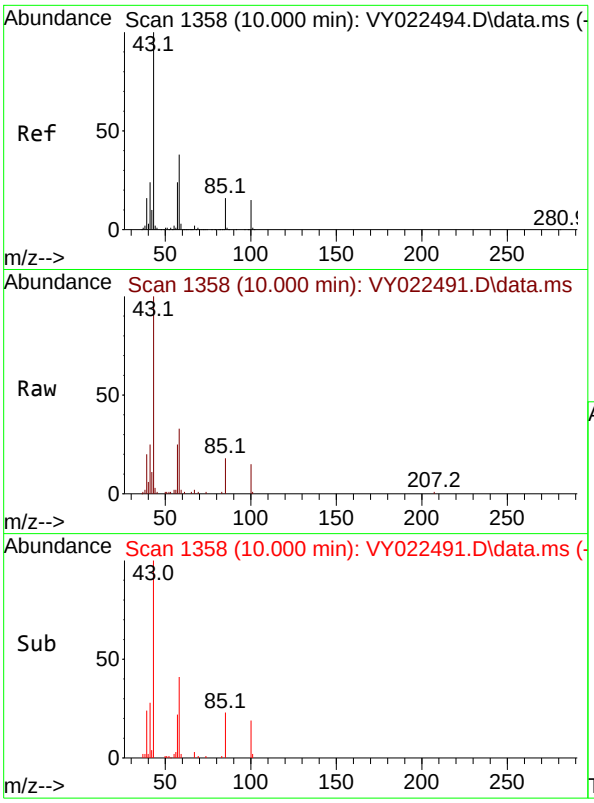


#50
Toluene-d8
Concen: 4.482 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 98 Resp: 37729

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0



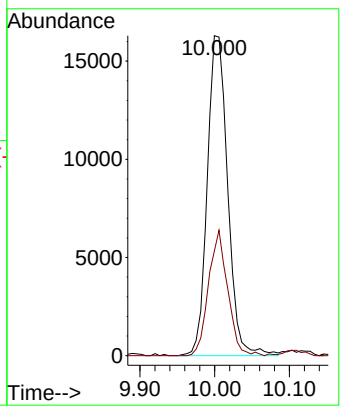


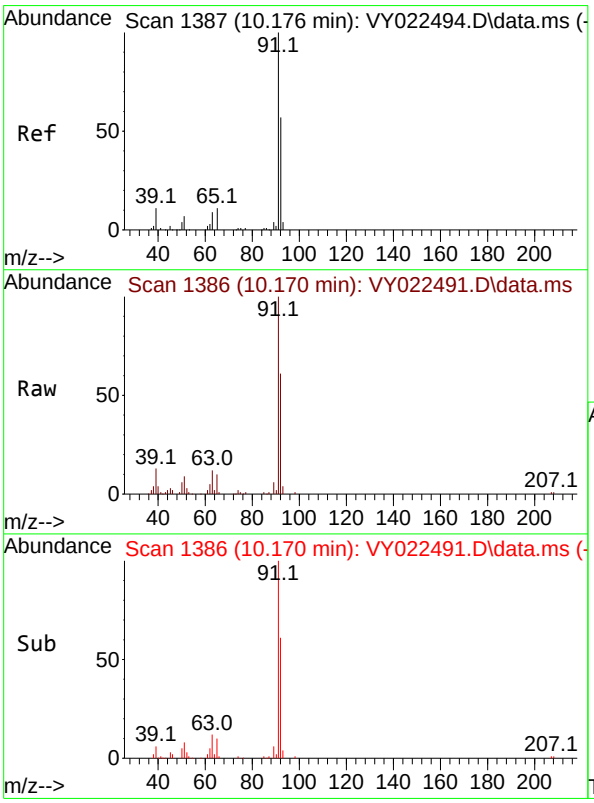
#51
4-Methyl-2-Pentanone
Concen: 19.273 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 30969

Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.4	45.6

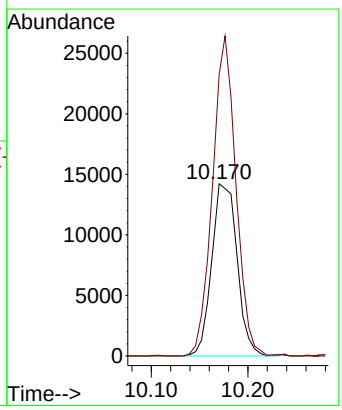


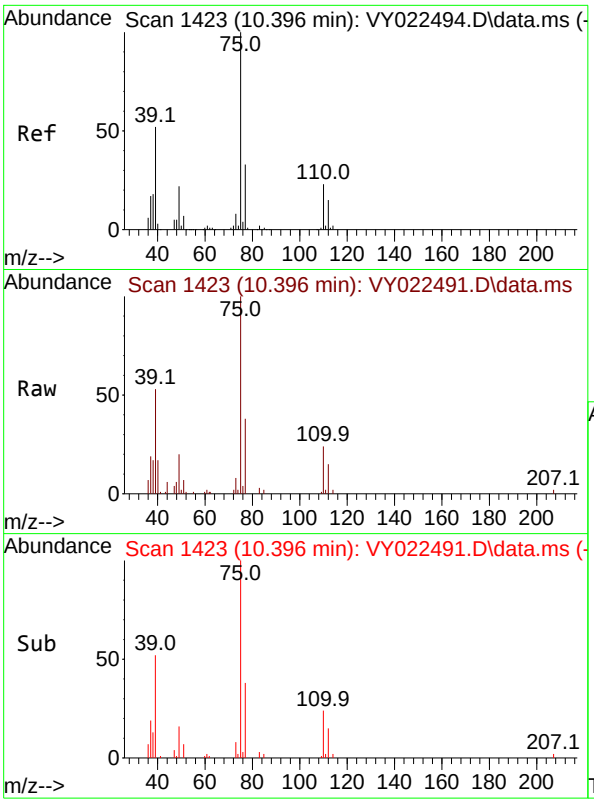


#52
Toluene
Concen: 4.150 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 92 Resp: 25893

Ion	Ratio	Lower	Upper
92	100		
91	171.8	139.0	208.4



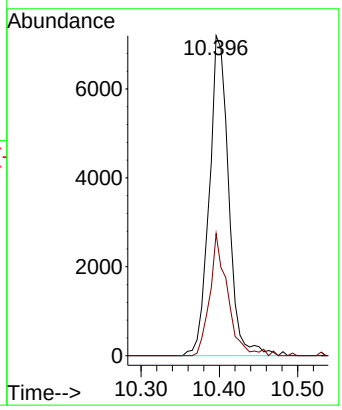


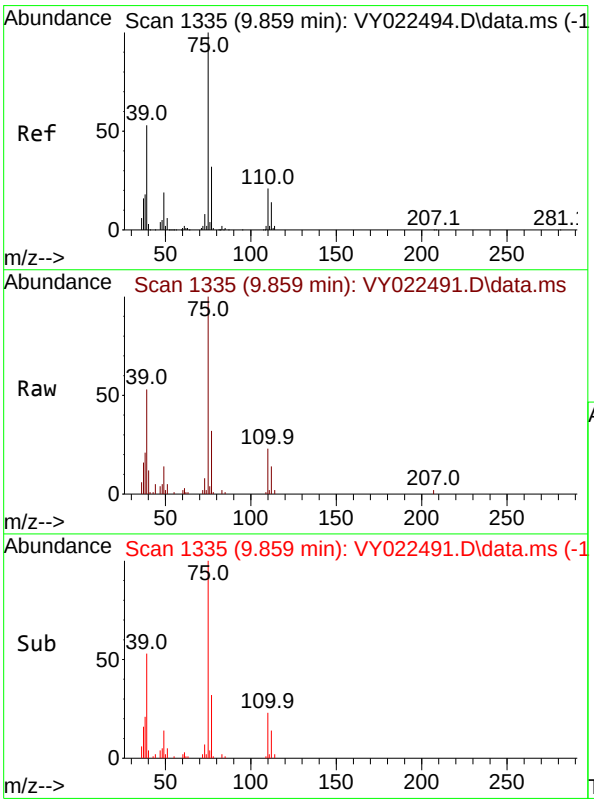
#53
t-1,3-Dichloropropene
Concen: 3.982 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 12388

Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.5	39.7

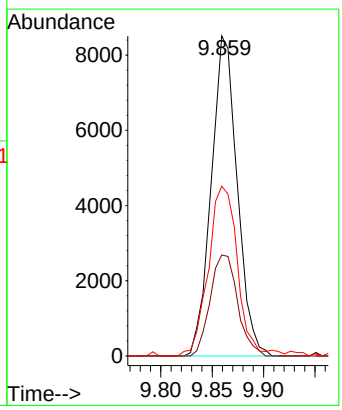


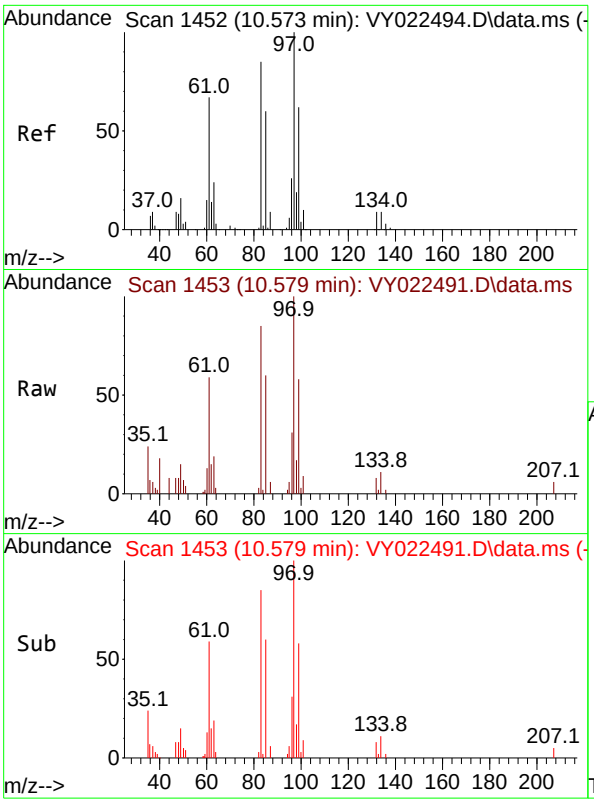


#54
cis-1,3-Dichloropropene
Concen: 4.103 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 14966

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	53.0	42.7	64.1



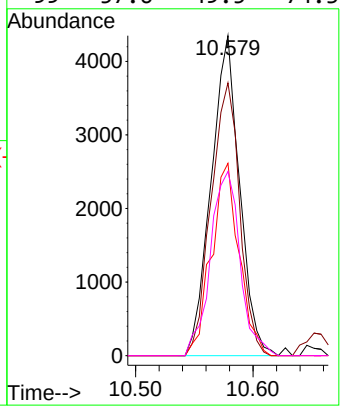


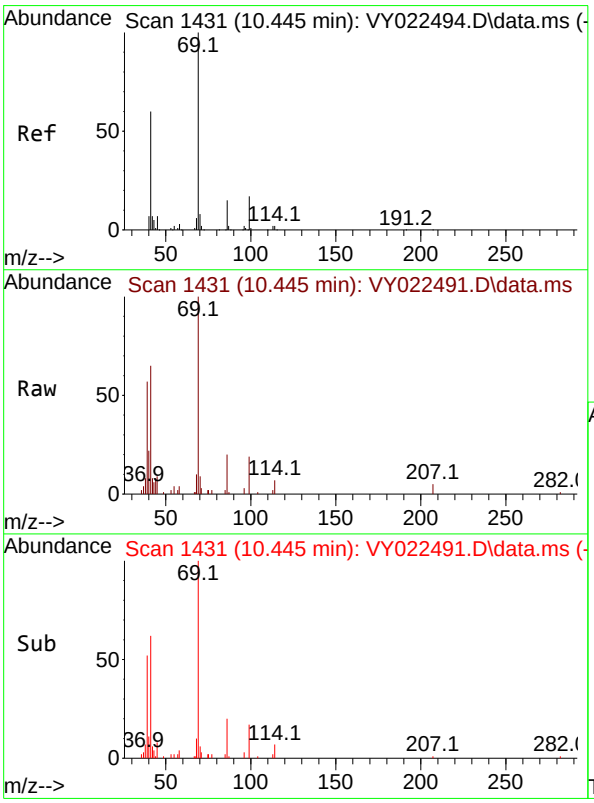
#55
1,1,2-Trichloroethane
Concen: 4.385 ug/l
RT: 10.579 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 7318

Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	60.1	48.2	72.2
99	57.6	49.5	74.3

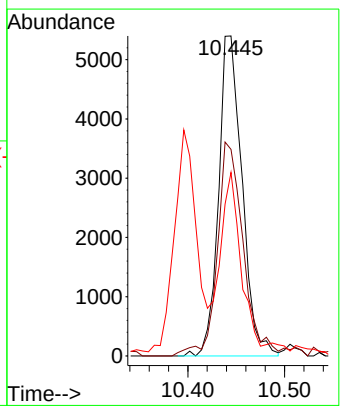


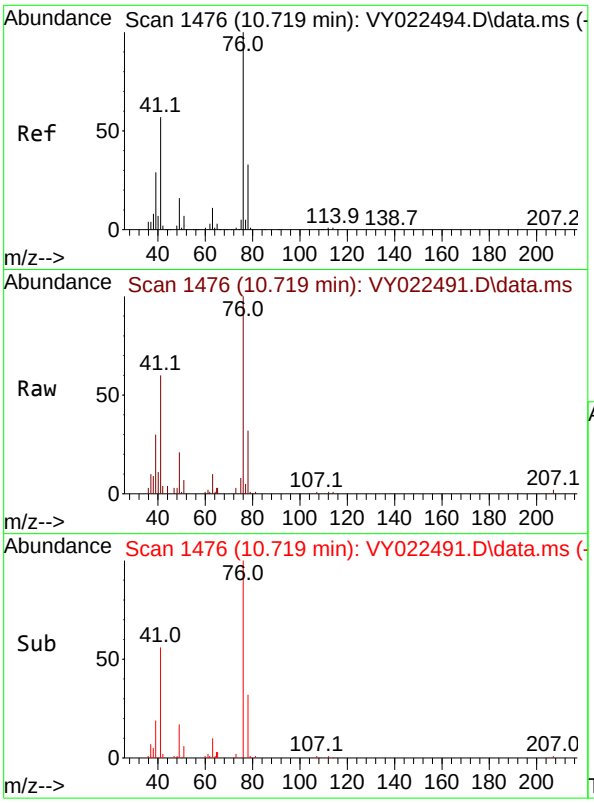


#56
Ethyl methacrylate
Concen: 3.751 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 69 Resp: 9092

Ion	Ratio	Lower	Upper
69	100		
41	73.4	52.2	78.2
39	46.3	36.7	55.1



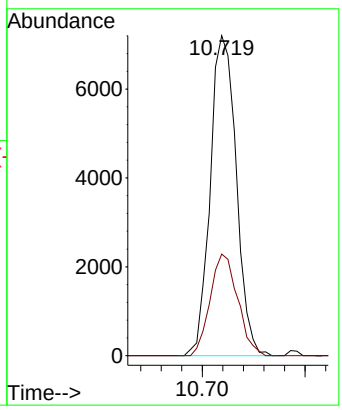


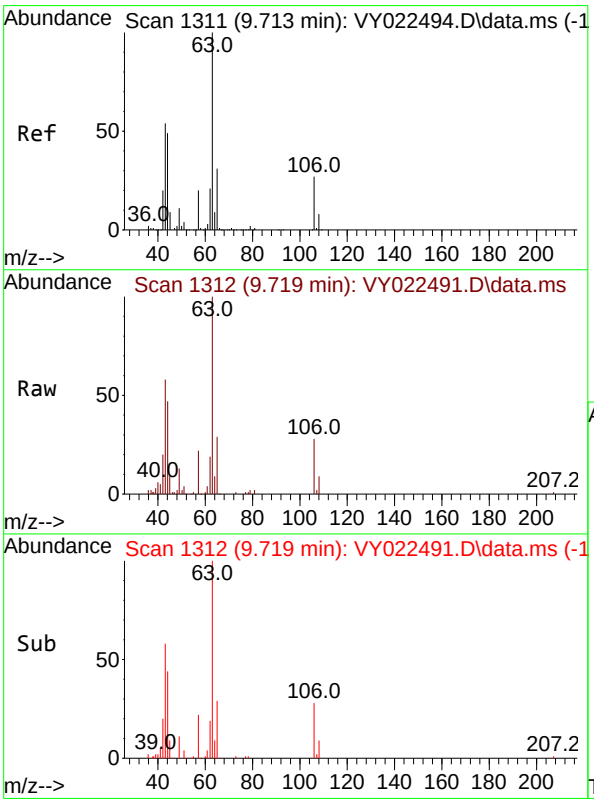
#57
1,3-Dichloropropane
Concen: 4.255 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 12648

Ion	Ratio	Lower	Upper
76	100		
78	33.6	25.8	38.8

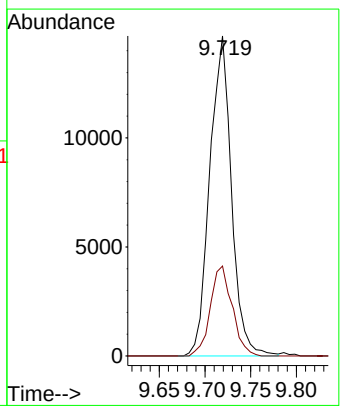


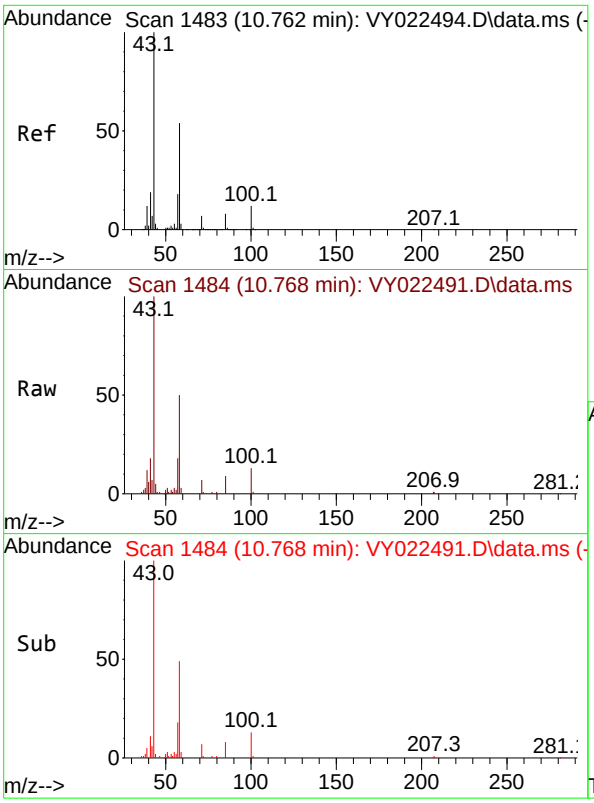


#58
2-Chloroethyl Vinyl ether
Concen: 22.409 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 63 Resp: 24214

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.6	32.4



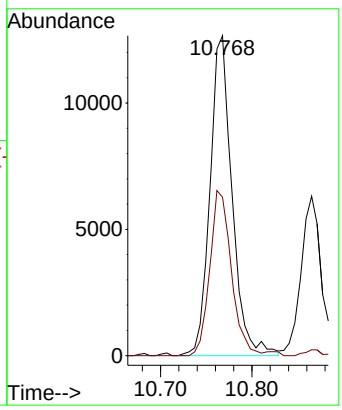


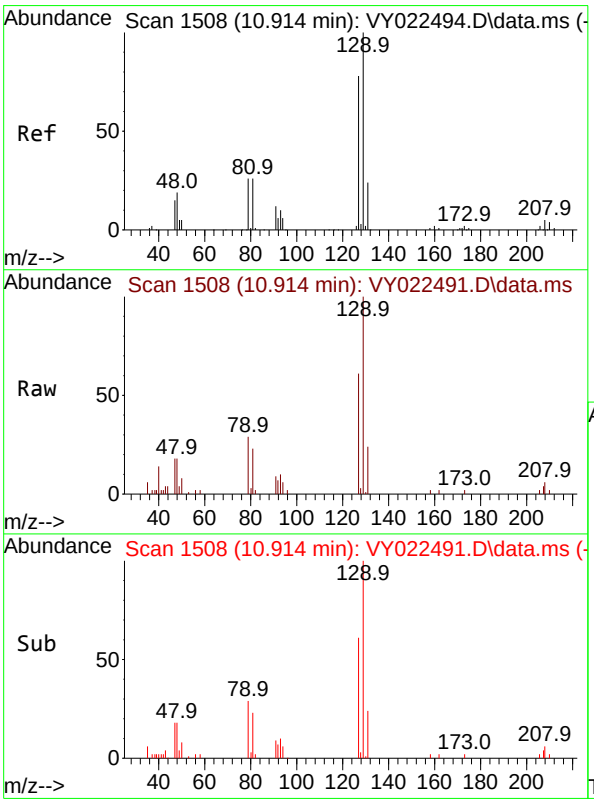
#59
2-Hexanone
Concen: 19.832 ug/l
RT: 10.768 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 21243

Ion	Ratio	Lower	Upper
43	100		
58	50.4	27.3	81.8

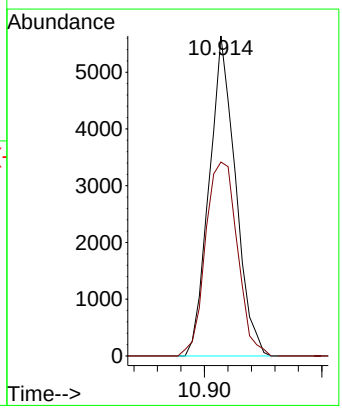


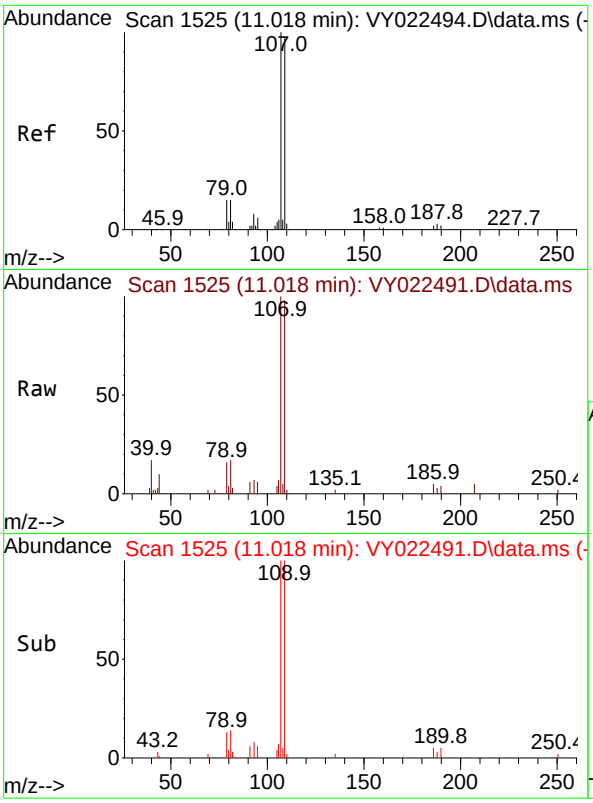


#60
Dibromochloromethane
Concen: 4.152 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:129 Resp: 8781

Ion	Ratio	Lower	Upper
129	100		
127	73.3	39.1	117.2



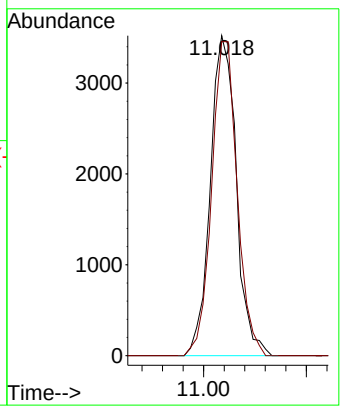


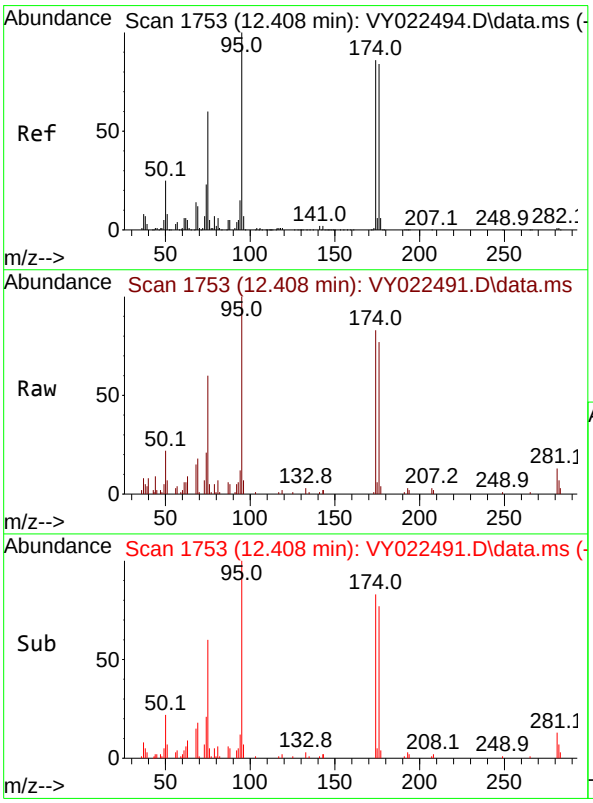
#61
1,2-Dibromoethane
Concen: 3.991 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 6146

Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.7	116.5

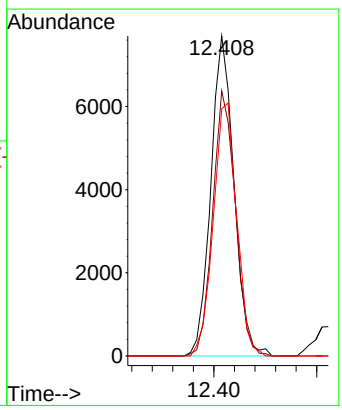


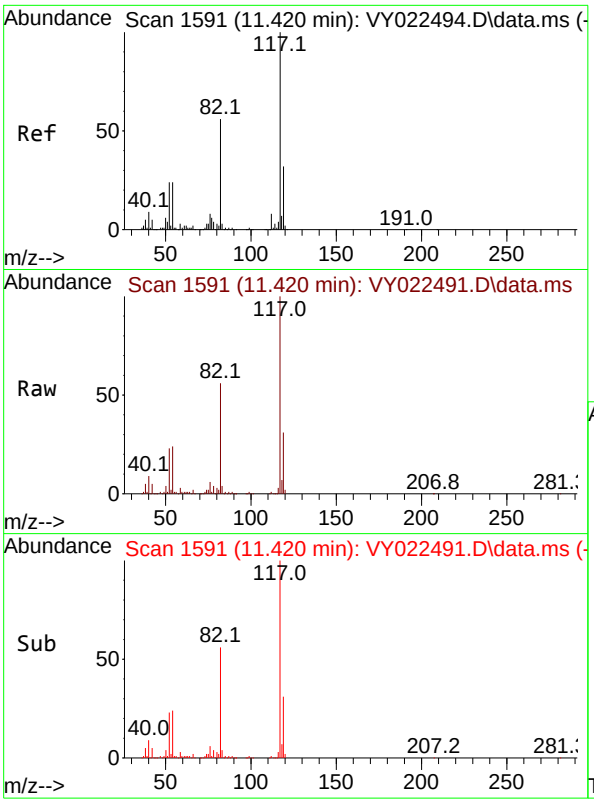


#62
4-Bromofluorobenzene
Concen: 4.697 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 95 Resp: 11988

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	170.0
176	80.2	0.0	166.2



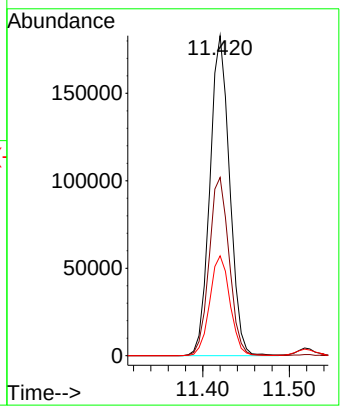


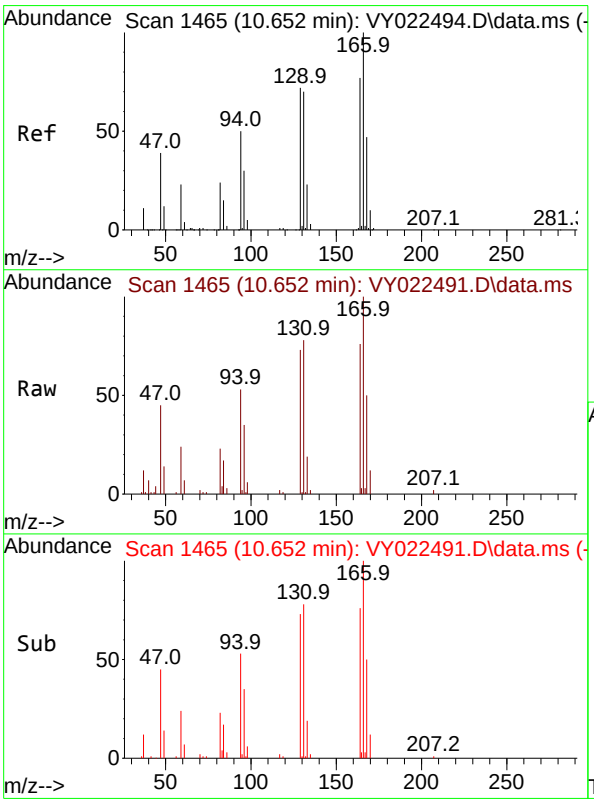
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 289394

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.2	25.4	38.0

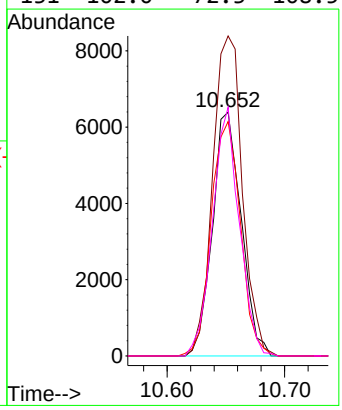


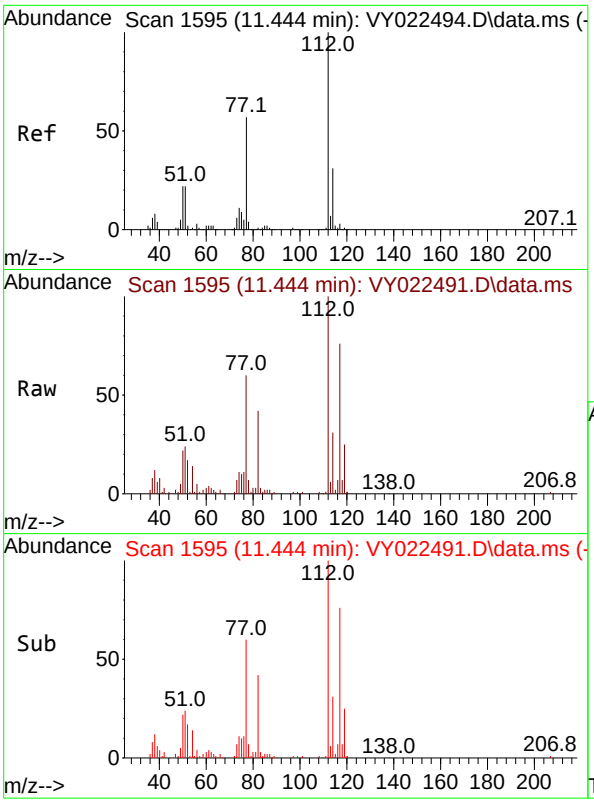


#64
Tetrachloroethene
Concen: 4.417 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:164 Resp: 10863

Ion	Ratio	Lower	Upper
164	100		
166	131.2	104.0	156.0
129	96.1	74.5	111.7
131	102.0	72.3	108.5



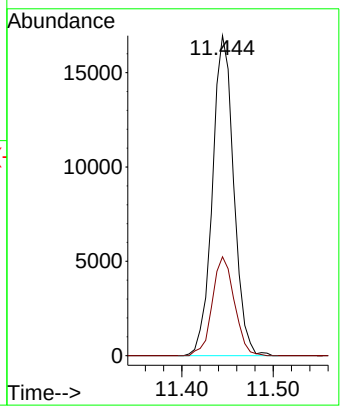


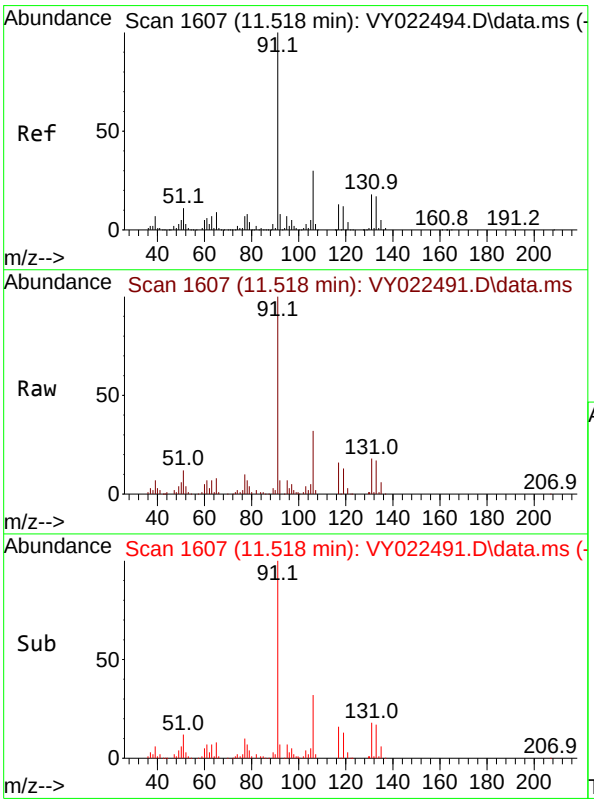
#65
Chlorobenzene
Concen: 4.377 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 27467

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.0	37.6

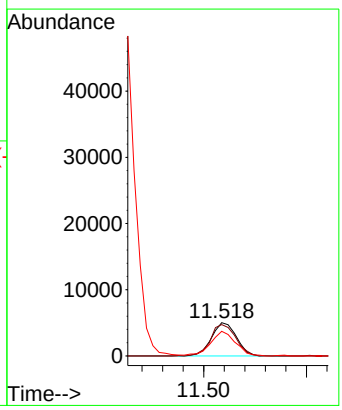


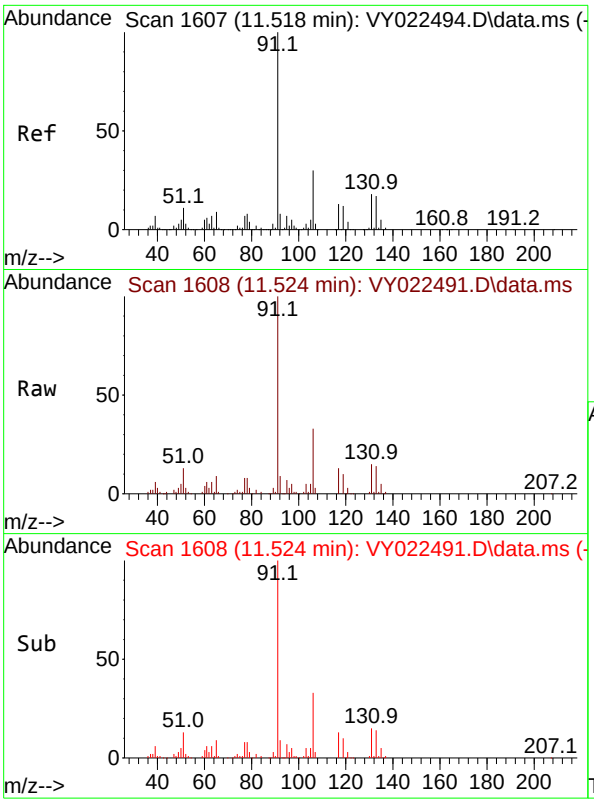


#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:131 Resp: 8422

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.8
119	74.3	33.1	99.3



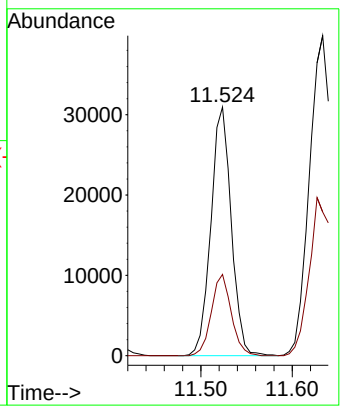


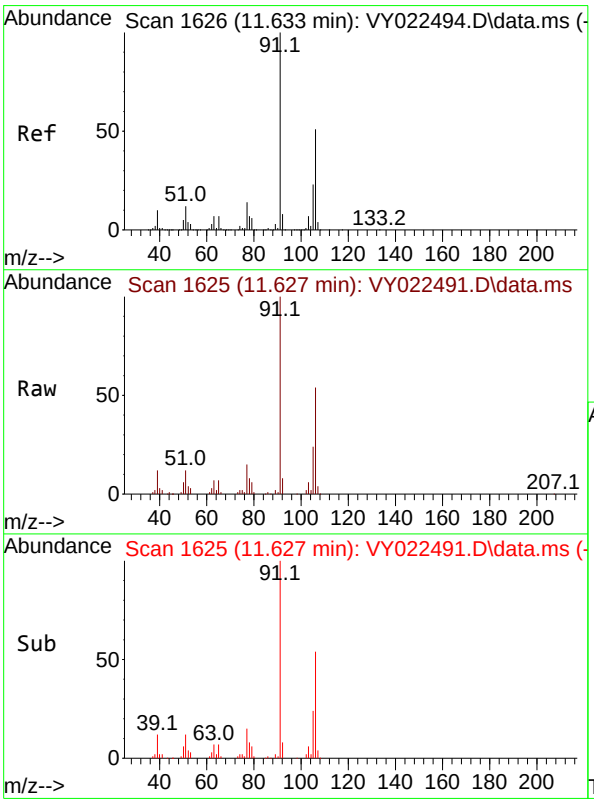
#67
Ethyl Benzene
Concen: 4.098 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47883

Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.2	36.4

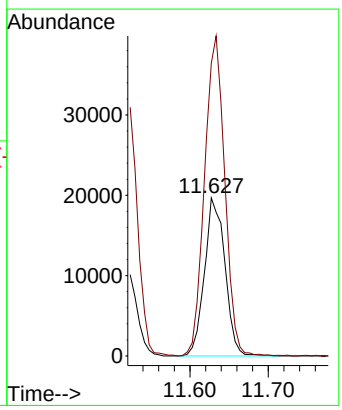


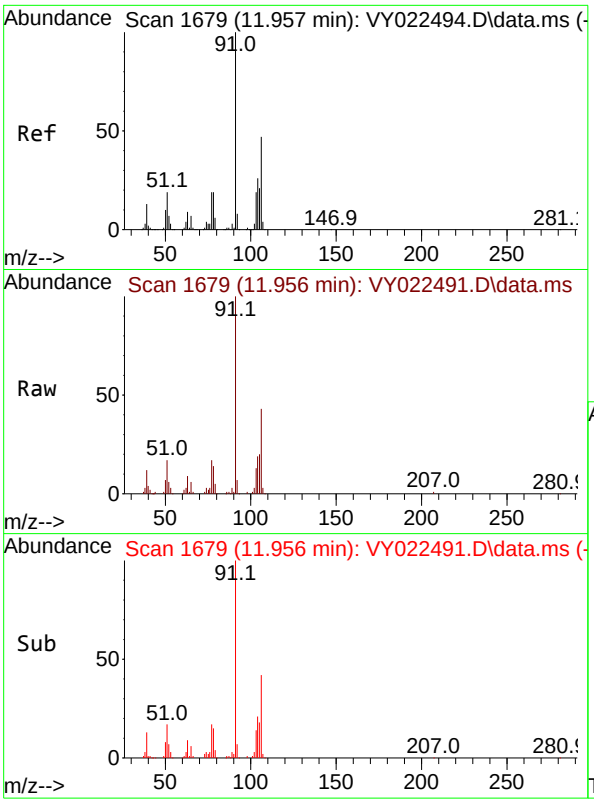


#68
m/p-Xylenes
Concen: 8.060 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:106 Resp: 35645

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0



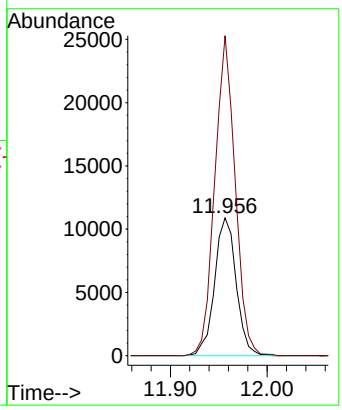


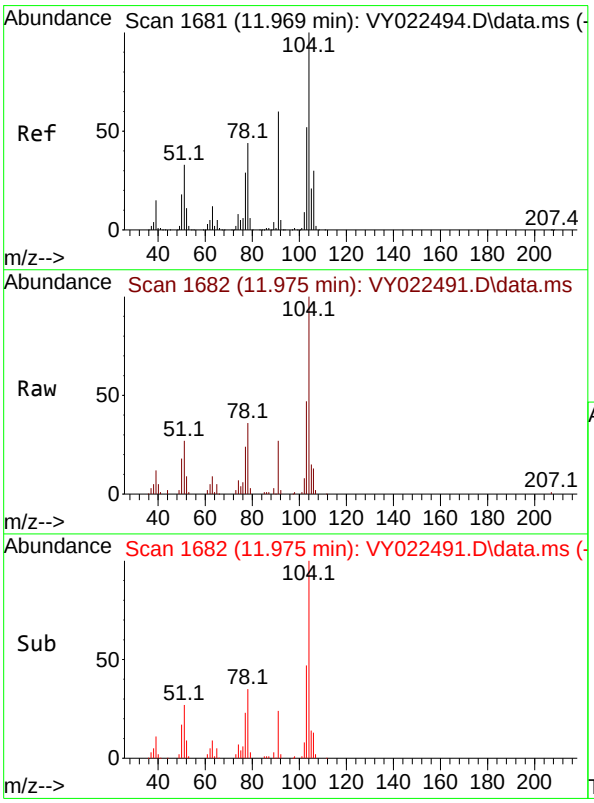
#69
o-Xylene
Concen: 4.075 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 16866

Ion	Ratio	Lower	Upper
106	100		
91	219.4	105.8	317.3

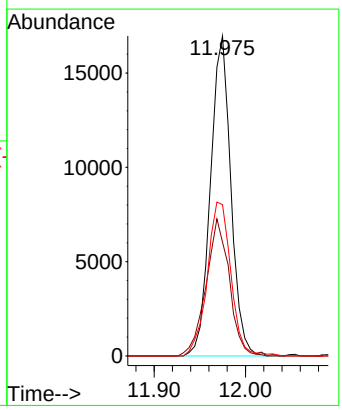


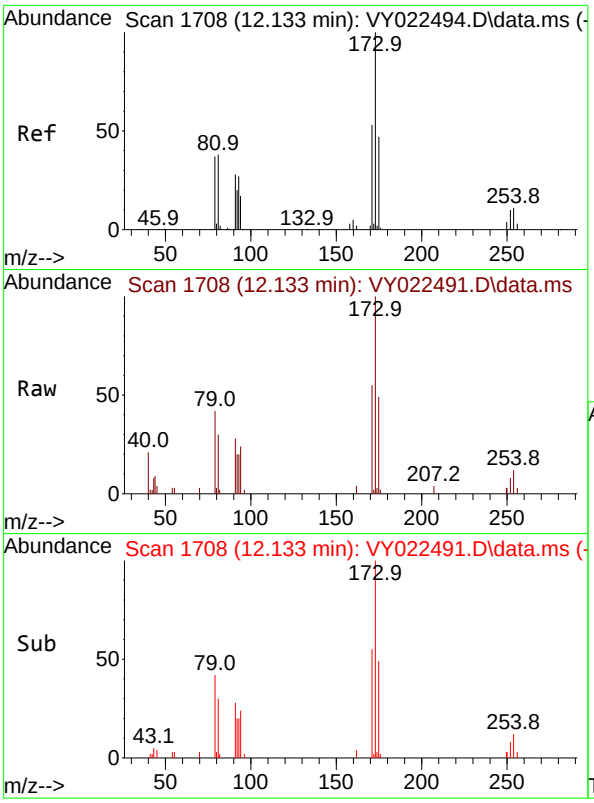


#70
Styrene
Concen: 3.840 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:104 Resp: 26313

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	55.8	44.1	66.1



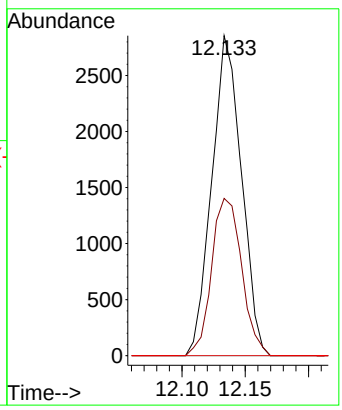


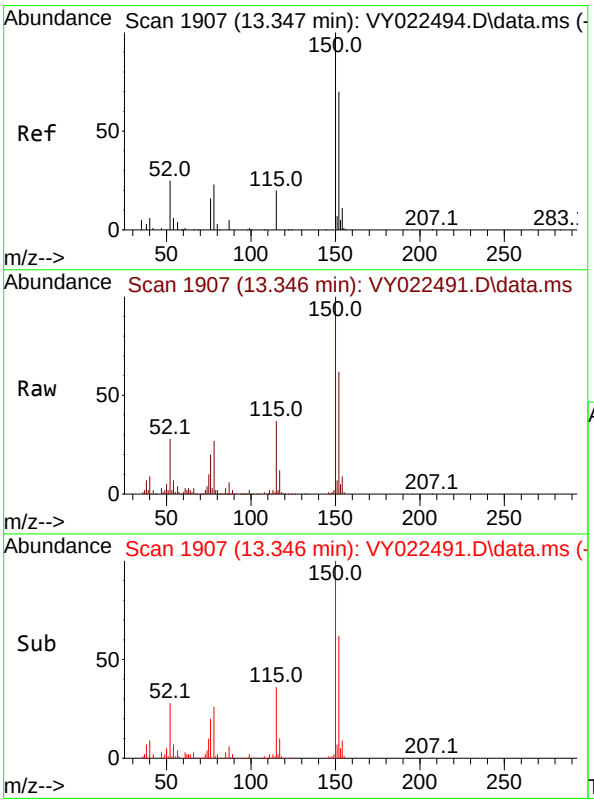
#71
Bromoform
Concen: 4.159 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 4649

Ion	Ratio	Lower	Upper
173	100		
175	49.9	23.8	71.5
254	0.0	0.0	0.0

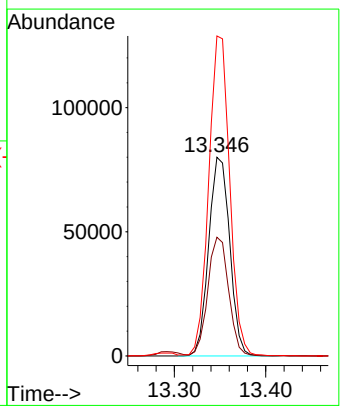


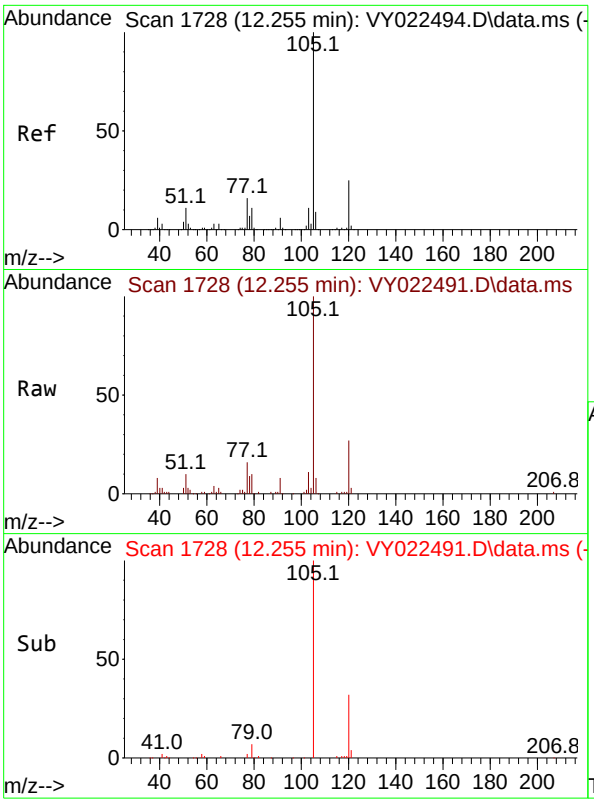


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:152 Resp: 127807

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.7
150	160.5	0.0	349.6



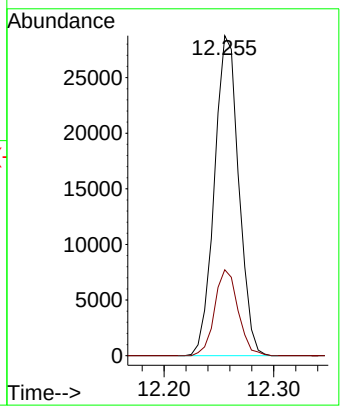


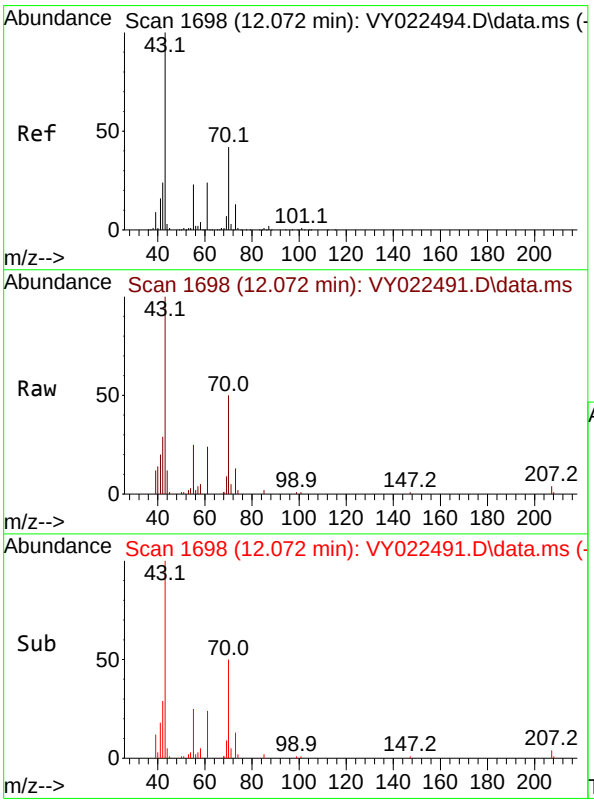
#73
Isopropylbenzene
Concen: 4.307 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 44350

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

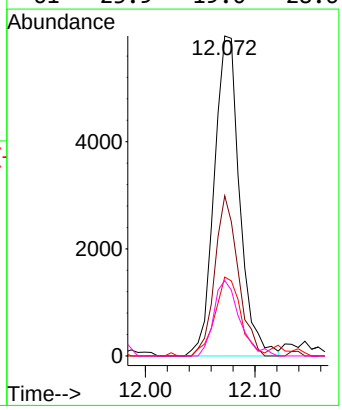


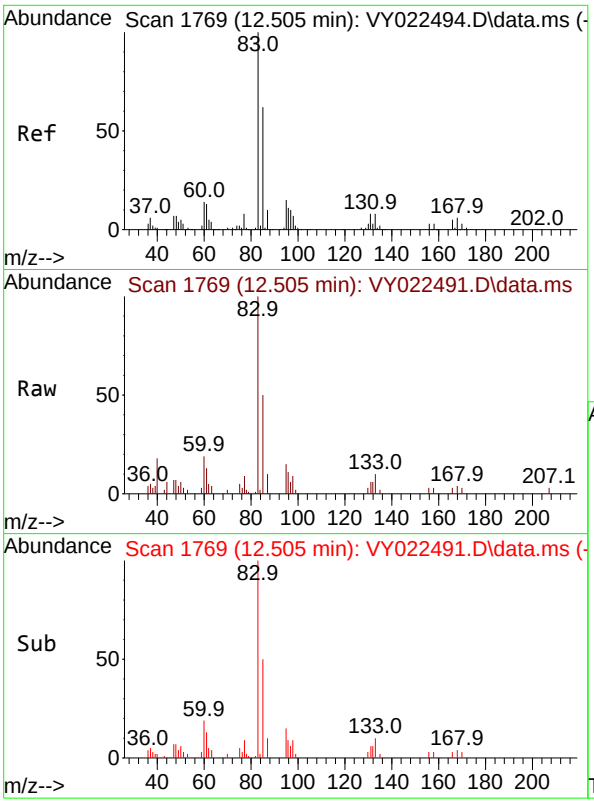


#74
N-amyl acetate
Concen: 3.699 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 43 Resp: 9632

Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.2	51.2
55	25.1	18.2	27.4
61	23.9	19.0	28.6



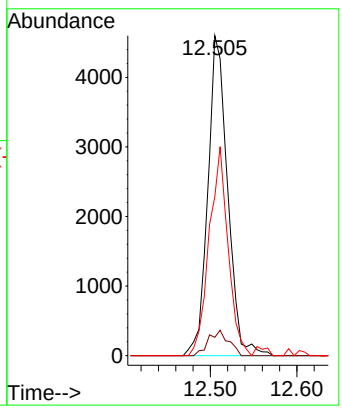


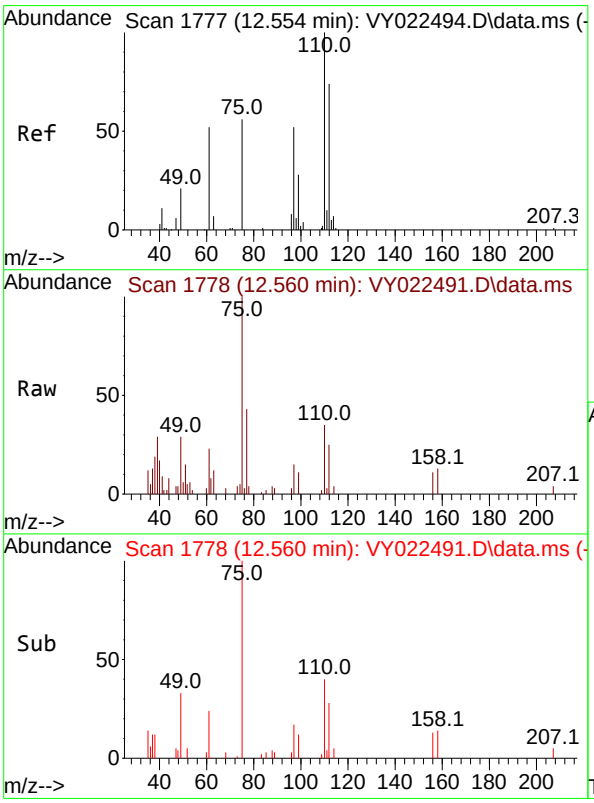
#75
1,1,2,2-Tetrachloroethane
Concen: 4.359 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 7289

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.9	14.7
85	62.4	32.6	97.8

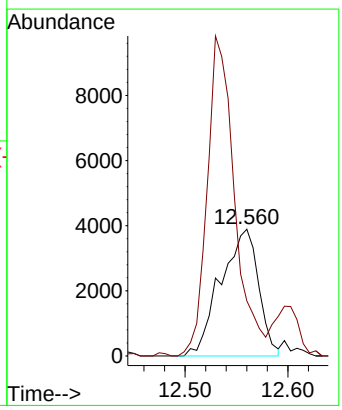


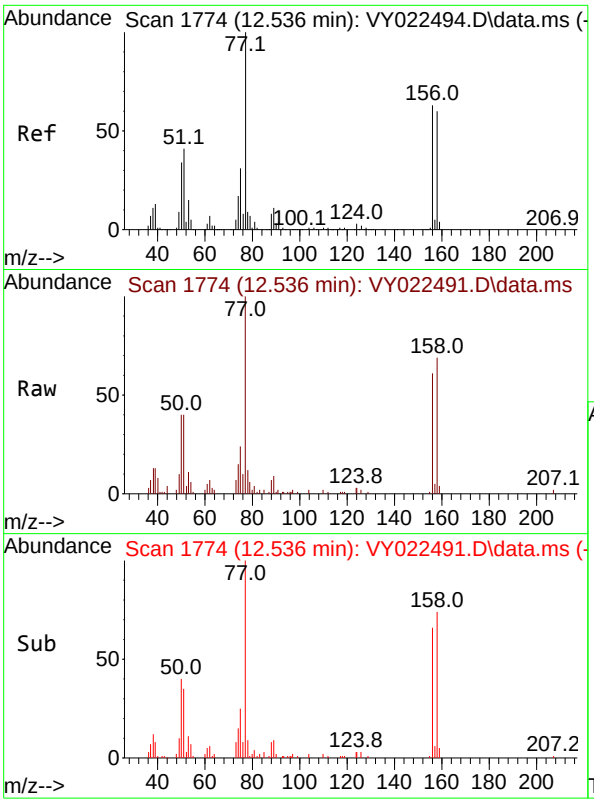


#76
1,2,3-Trichloropropane
Concen: 5.920 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 9988

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



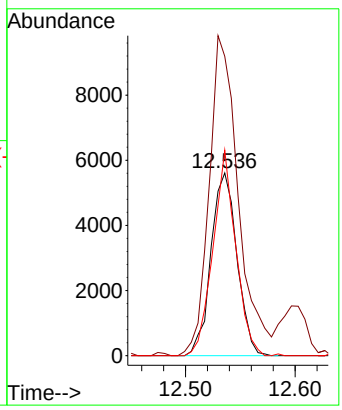


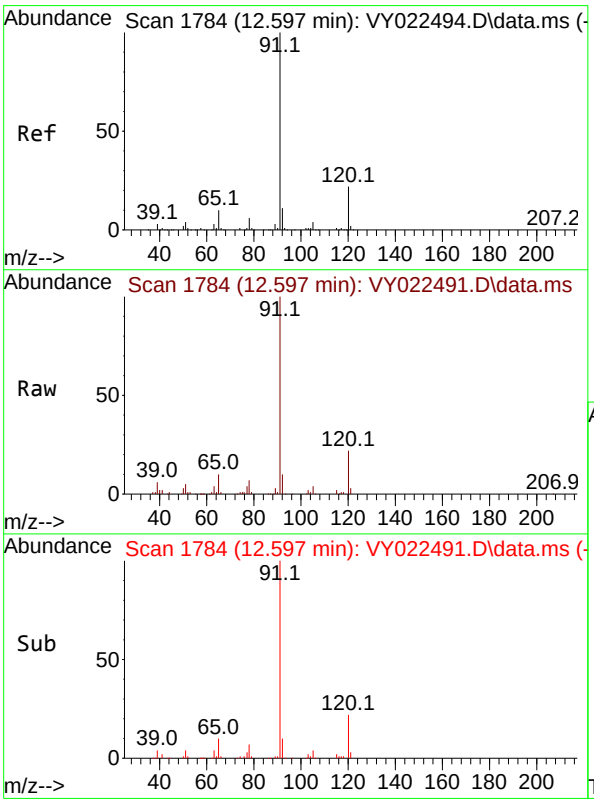
#77
Bromobenzene
Concen: 4.234 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 9241

Ion	Ratio	Lower	Upper
156	100		
77	196.5	94.0	282.1
158	98.9	48.2	144.6

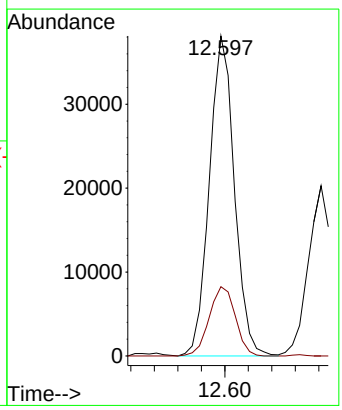


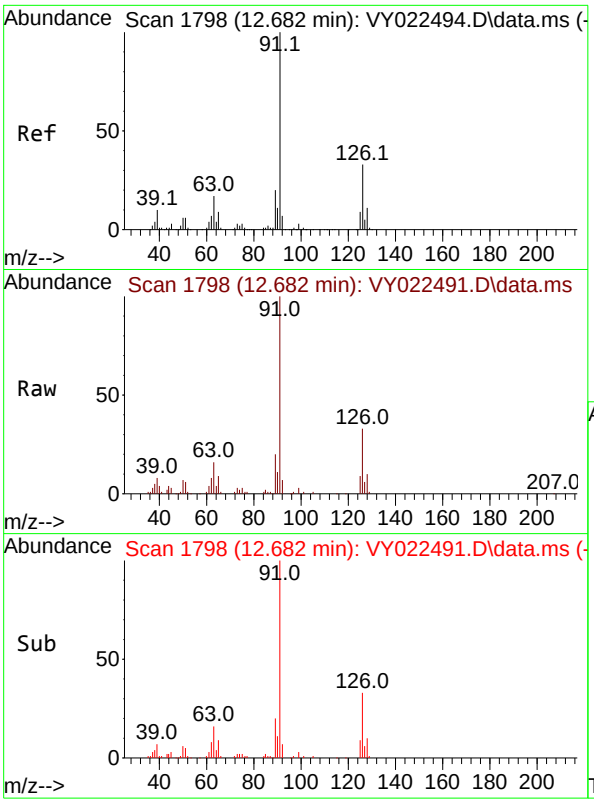


#78
n-propylbenzene
Concen: 4.511 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 56543

Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.8	32.4



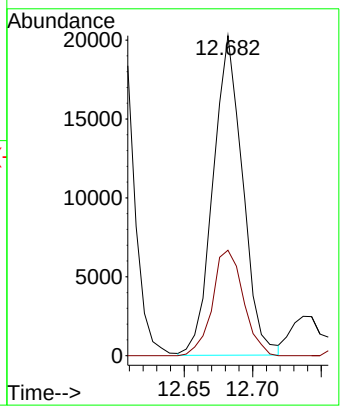


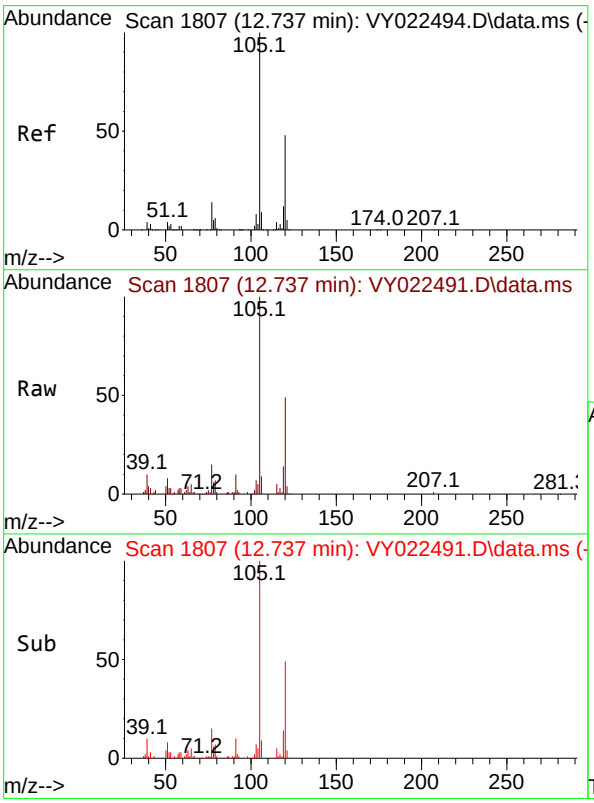
#79
2-Chlorotoluene
Concen: 4.591 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 30387

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

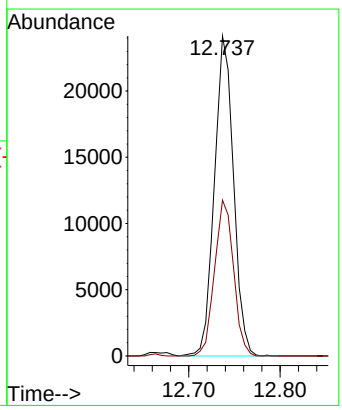


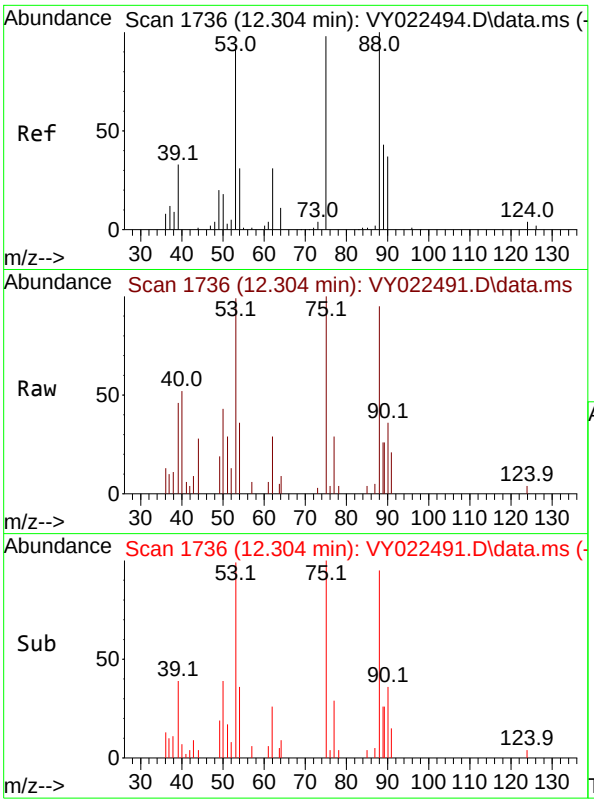


#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 35122

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4



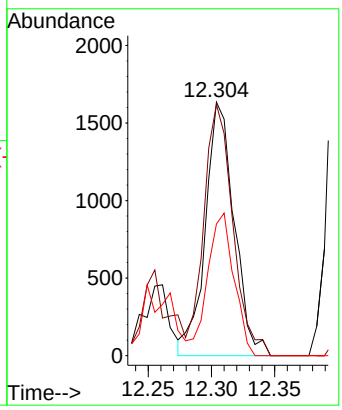


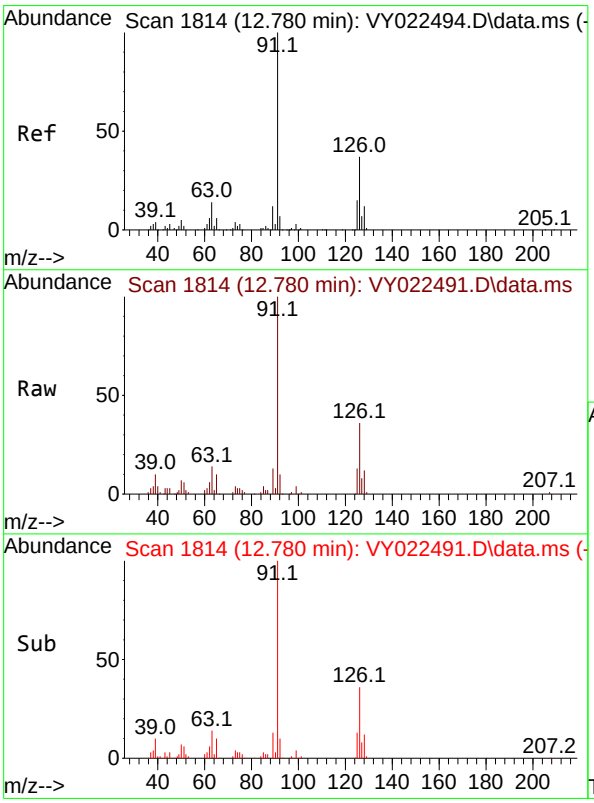
#81
trans-1,4-Dichloro-2-butene
Concen: 4.411 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2596

Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.5	117.7
89	51.7	35.7	53.5

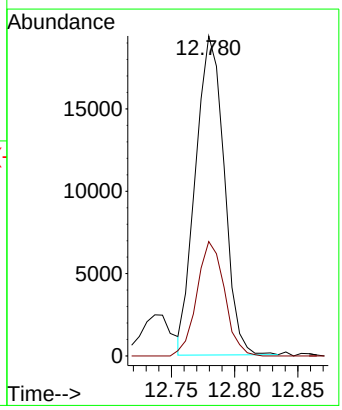


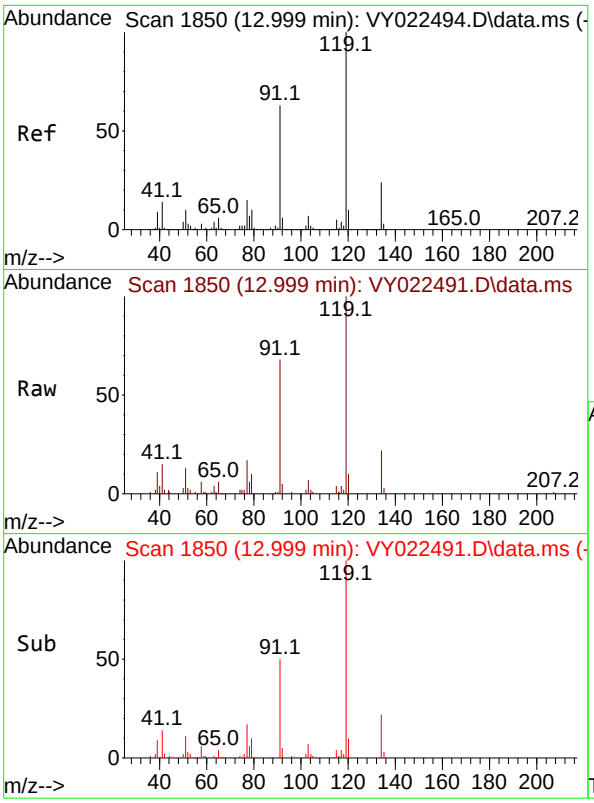


#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 91 Resp: 30501

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9



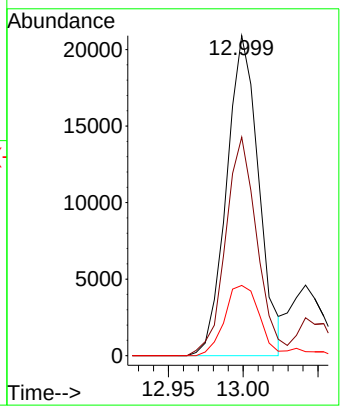


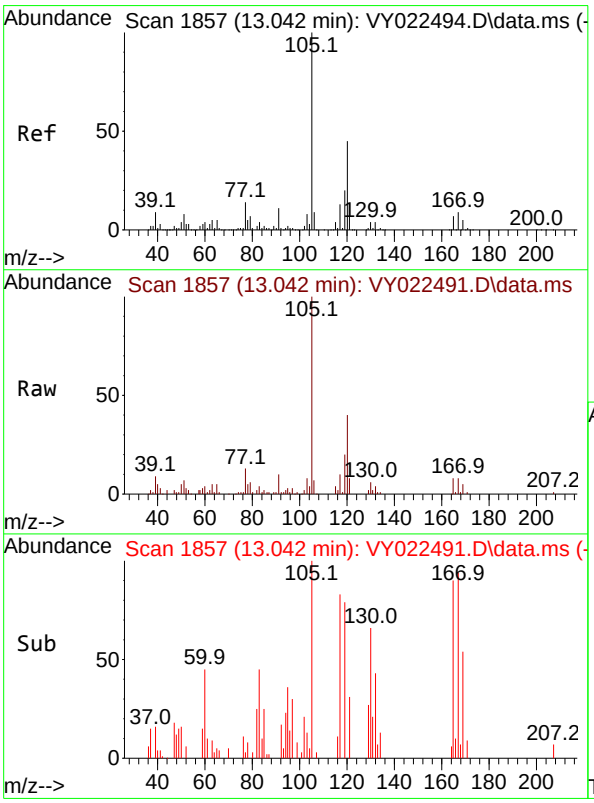
#83
tert-Butylbenzene
Concen: 4.252 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 31232

Ion	Ratio	Lower	Upper
119	100		
91	67.0	32.1	96.3
134	23.9	13.0	38.9

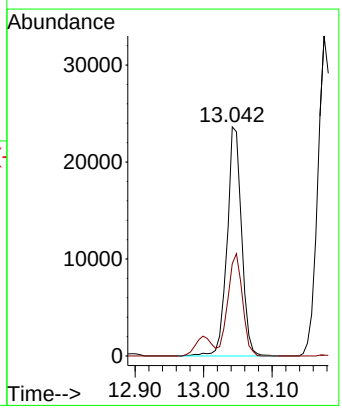


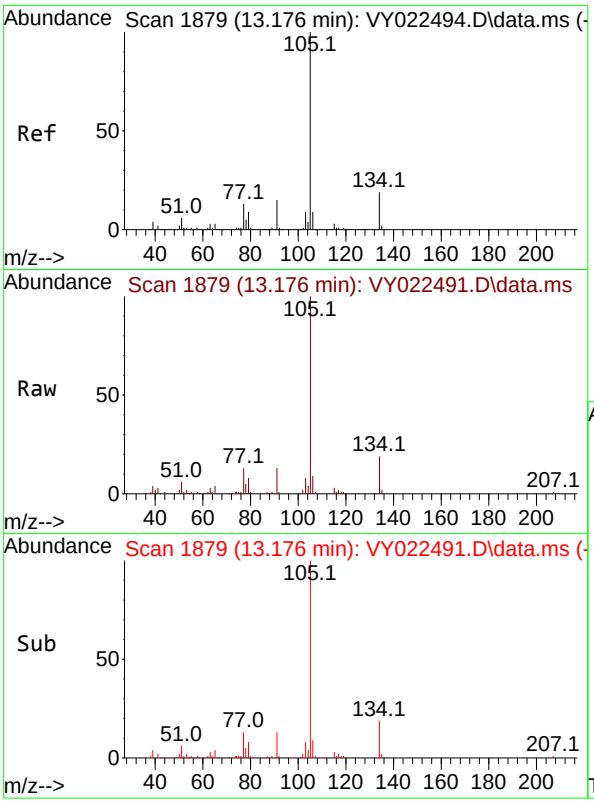


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:105 Resp: 34752

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1



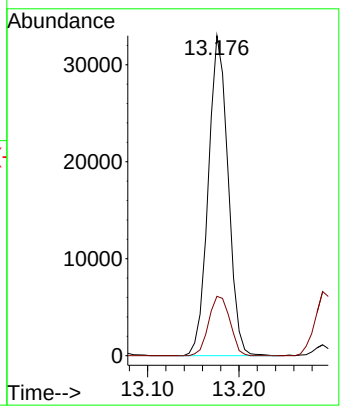


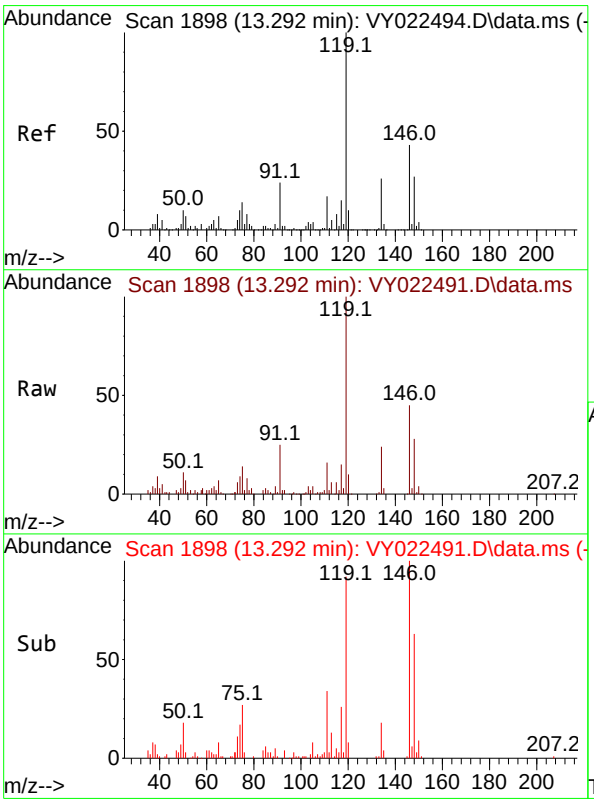
#85
sec-Butylbenzene
Concen: 4.449 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 49546

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	28.9

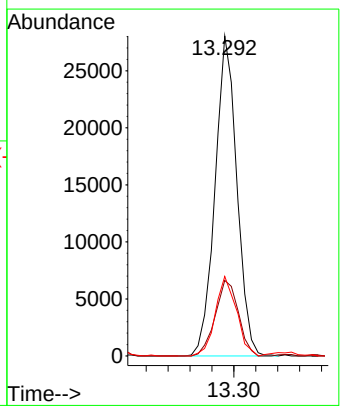


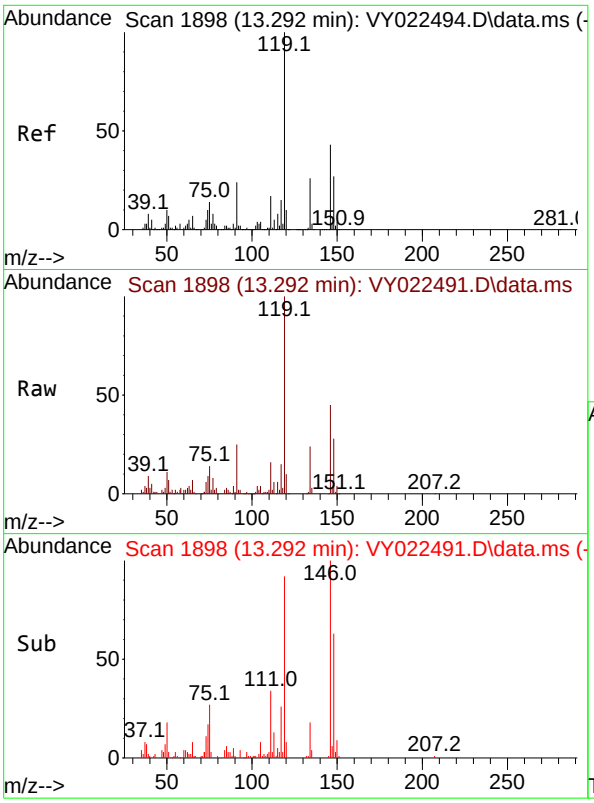


#86
p-Isopropyltoluene
Concen: 4.240 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:119 Resp: 38822

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.1	39.1
91	24.2	11.6	34.8



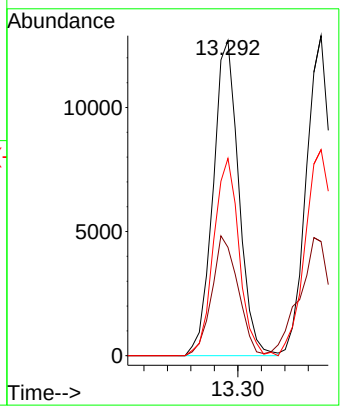


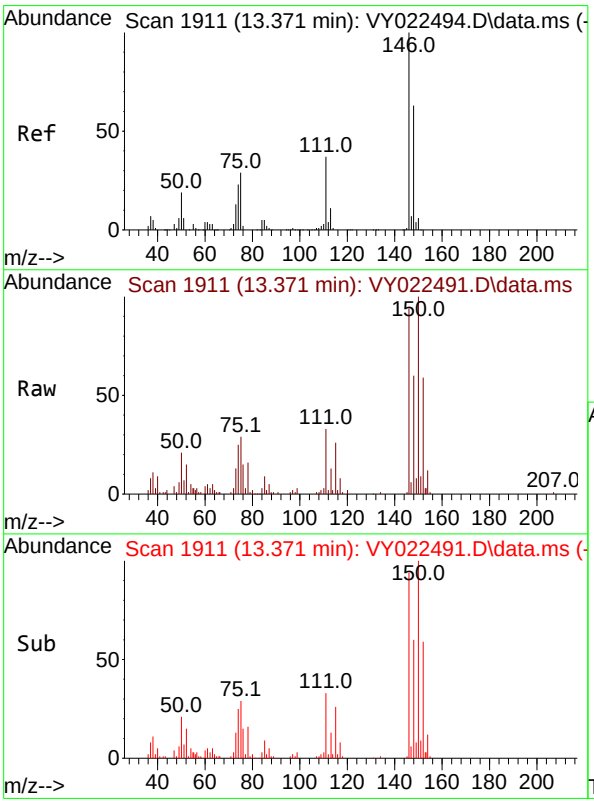
#87
1,3-Dichlorobenzene
Concen: 4.431 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 19350

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	61.9	32.1	96.3

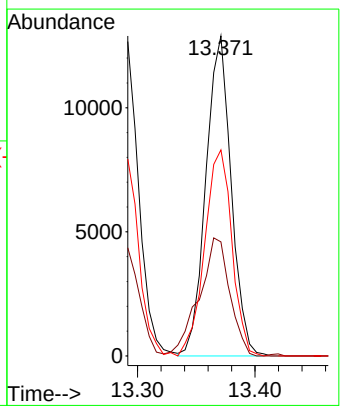


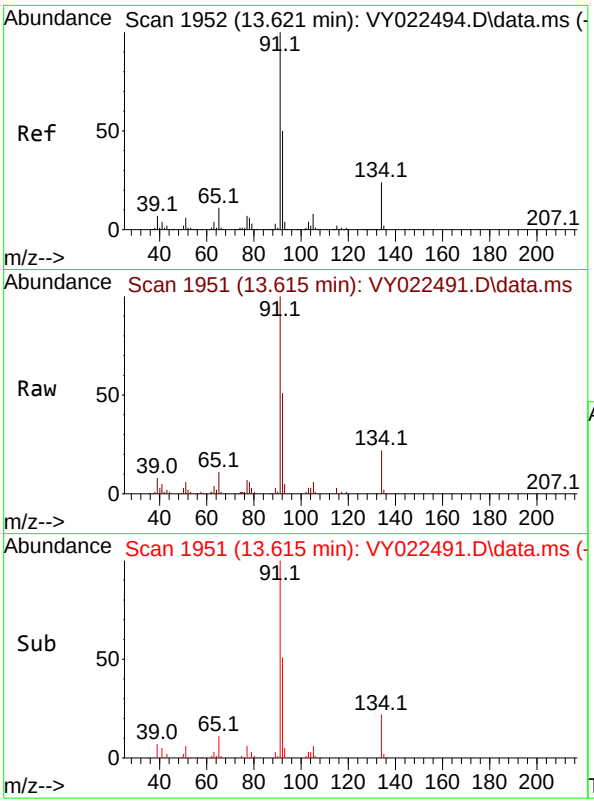


#88
1,4-Dichlorobenzene
Concen: 4.529 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:146 Resp: 19268

Ion	Ratio	Lower	Upper
146	100		
111	44.9	19.4	58.2
148	69.5	31.6	94.8



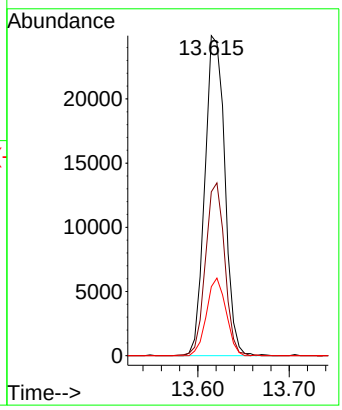


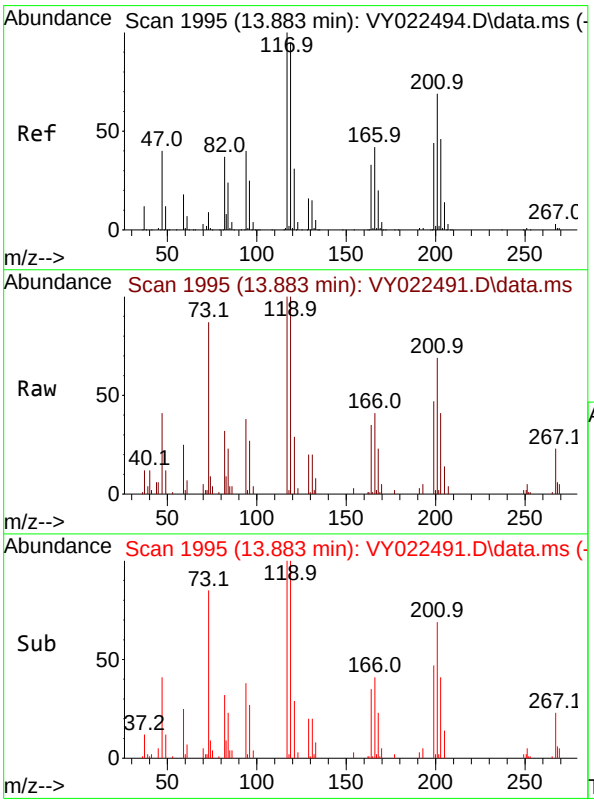
#89
n-Butylbenzene
Concen: 4.333 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 37774

Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	23.8	12.0	36.1

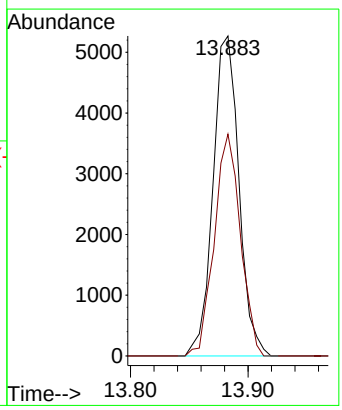


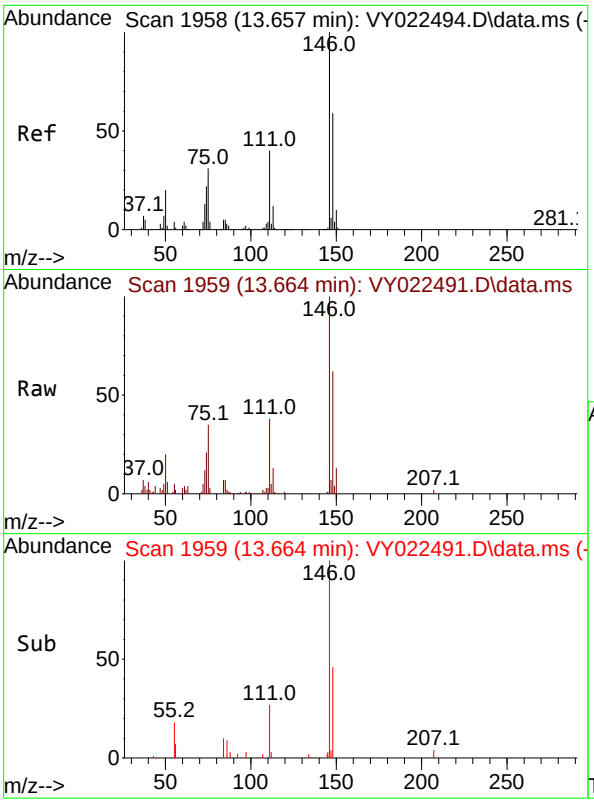


#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:117 Resp: 8072

Ion	Ratio	Lower	Upper
117	100		
201	69.9	34.0	102.0



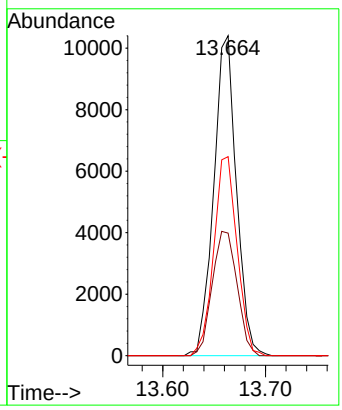


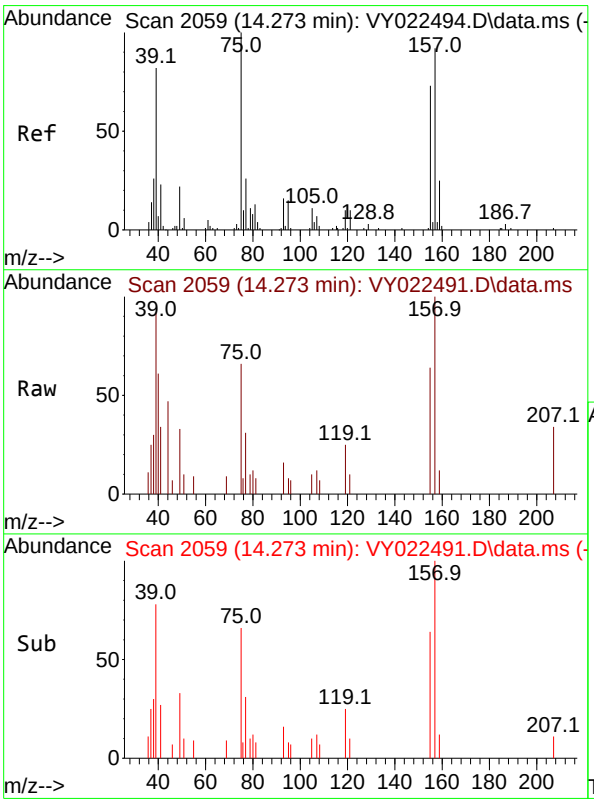
#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 15922

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.6
148	64.0	31.4	94.0

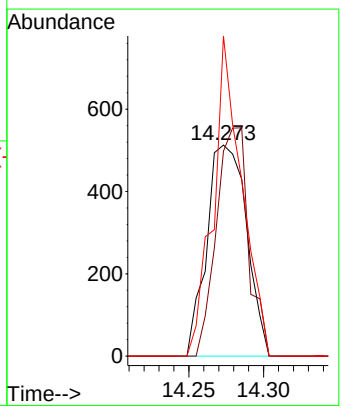


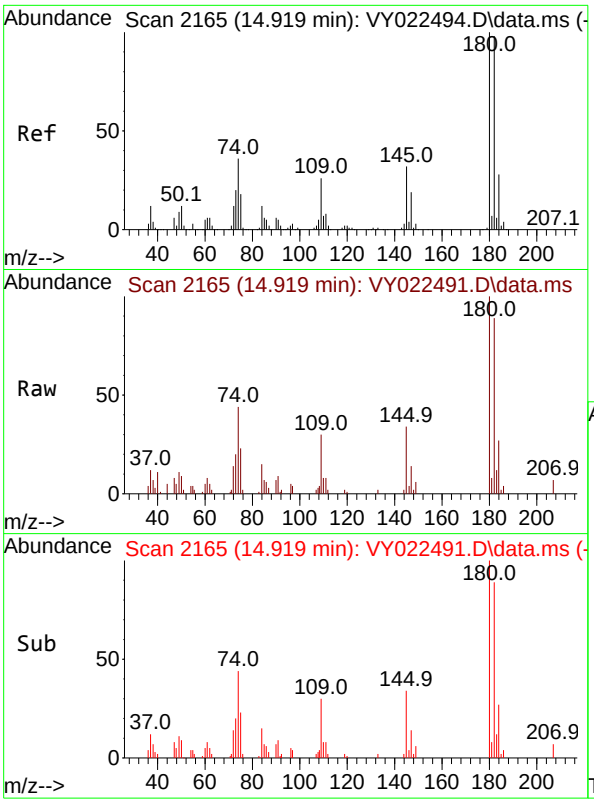


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.754 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion: 75 Resp: 949

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	109.5	54.0	162.0



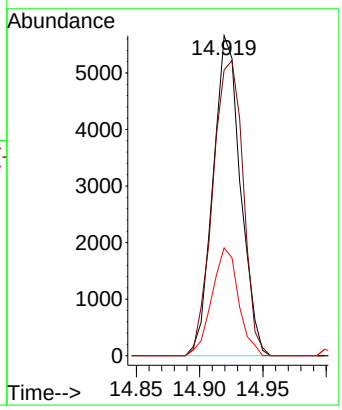


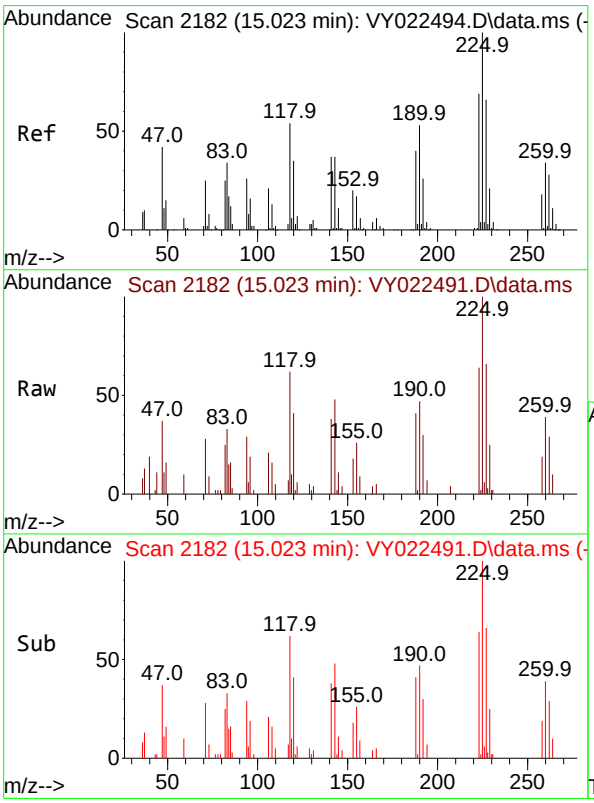
#93
1,2,4-Trichlorobenzene
Concen: 4.159 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 8529

Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.4	145.3
145	32.6	15.5	46.5

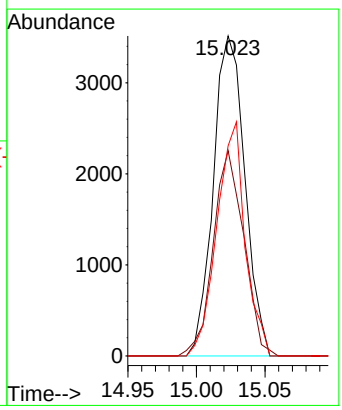


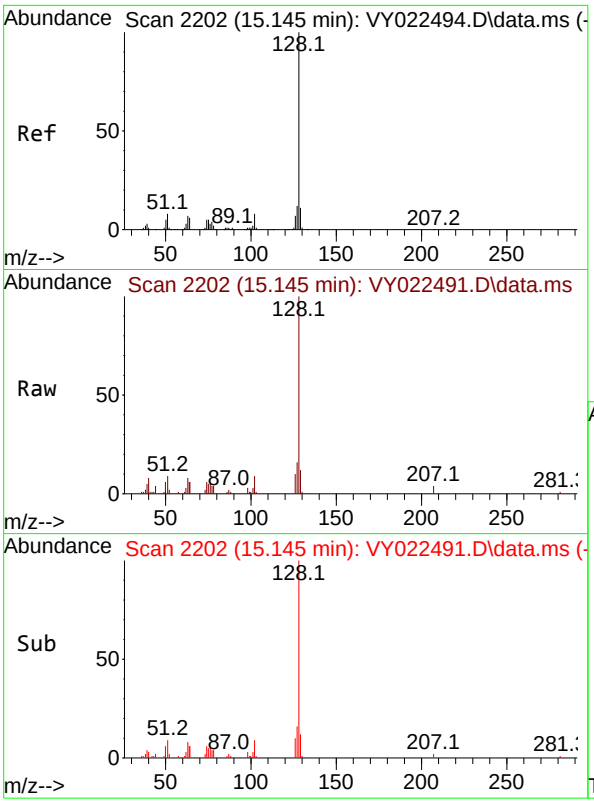


#94
Hexachlorobutadiene
Concen: 5.024 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:225 Resp: 5627

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.4
227	65.6	32.3	96.9



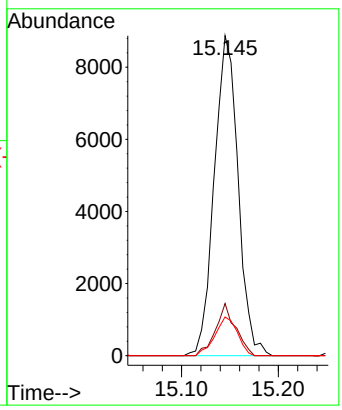


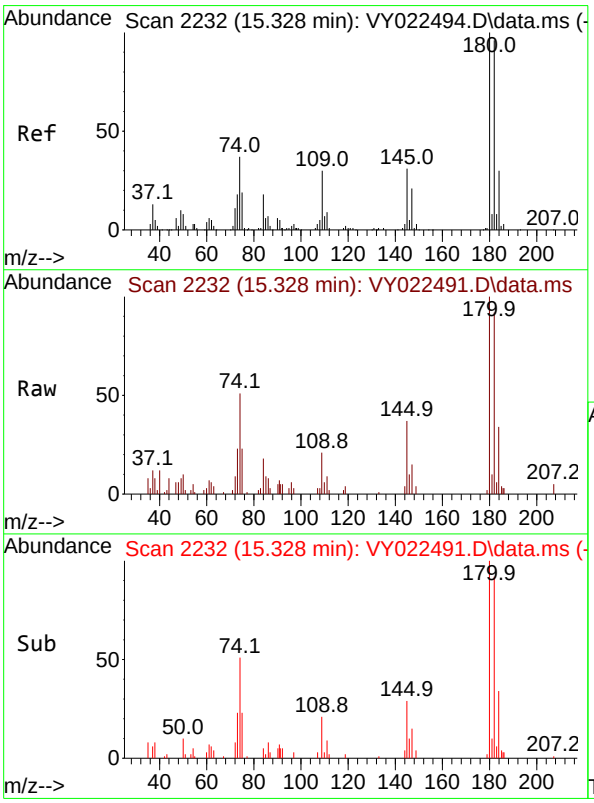
#95
Naphthalene
Concen: 3.859 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 15167

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.4	8.9	13.3

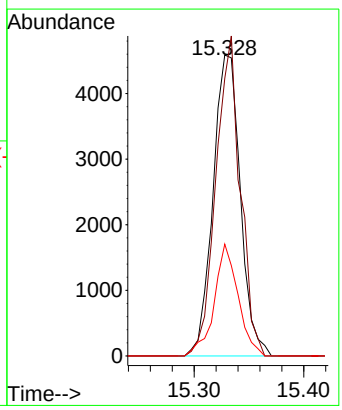




#96
1,2,3-Trichlorobenzene
Concen: 4.563 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022491.D
Acq: 02 Jun 2025 11:46

Tgt Ion:180 Resp: 7952

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	32.5	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	211235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	24246	10.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.100%#		
35) Dibromofluoromethane	7.646	113	20743	9.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.240%#		
50) Toluene-d8	10.109	98	86561	9.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.408	95	24870	9.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.820%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	22911	12.412	ug/l	99
3) Chloromethane	2.068	50	67191	12.339	ug/l	99
4) Vinyl Chloride	2.202	62	76656	12.027	ug/l	97
5) Bromomethane	2.598	94	73289	12.157	ug/l	99
6) Chloroethane	2.739	64	53992	12.374	ug/l	99
7) Trichlorofluoromethane	3.056	101	63044	11.642	ug/l	97
8) Diethyl Ether	3.458	74	14144	11.826	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	25997	11.445	ug/l	99
10) Methyl Iodide	4.007	142	25590	10.505	ug/l	99
11) Tert butyl alcohol	4.891	59	9732	59.275	ug/l #	73
12) 1,1-Dichloroethene	3.799	96	24370	11.240	ug/l	99
13) Acrolein	3.671	56	9650	48.151	ug/l	94
14) Allyl chloride	4.391	41	38482	11.389	ug/l	95
15) Acrylonitrile	5.073	53	29150	57.299	ug/l	99
16) Acetone	3.885	43	25066	55.166	ug/l	98
17) Carbon Disulfide	4.110	76	79008	11.413	ug/l	99
18) Methyl Acetate	4.397	43	17228	12.603	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	68336	11.296	ug/l	95
20) Methylene Chloride	4.622	84	29569	11.655	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	27493	11.350	ug/l	88
22) Diisopropyl ether	6.031	45	83814	11.156	ug/l	96
23) Vinyl Acetate	5.970	43	241364	54.152	ug/l	99
24) 1,1-Dichloroethane	5.927	63	50391	11.346	ug/l	96
25) 2-Butanone	6.909	43	36756	54.840	ug/l	95
26) 2,2-Dichloropropane	6.890	77	43605	11.045	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	30873	11.028	ug/l	99
28) Bromochloromethane	7.256	49	20132	10.491	ug/l	99
29) Tetrahydrofuran	7.274	42	25001	57.822	ug/l	97
30) Chloroform	7.427	83	49990	11.391	ug/l	89
31) Cyclohexane	7.707	56	51050	11.422	ug/l #	95
32) 1,1,1-Trichloroethane	7.628	97	43454	11.080	ug/l	97
36) 1,1-Dichloropropene	7.841	75	37532	10.765	ug/l	99
37) Ethyl Acetate	6.994	43	15914	10.371	ug/l #	93
38) Carbon Tetrachloride	7.829	117	37794	10.515	ug/l	100
39) Methylcyclohexane	9.115	83	49413	10.491	ug/l	97
40) Benzene	8.085	78	108934	10.600	ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.268	41	24283	24.573	ug/l	#	34
42) 1,2-Dichloroethane	8.164	62	31102	11.125	ug/l		99
43) Isopropyl Acetate	8.201	43	36411	10.859	ug/l		97
44) Trichloroethene	8.865	130	28431	11.325	ug/l		91
45) 1,2-Dichloropropane	9.146	63	26665	10.884	ug/l		97
47) Bromodichloromethane	9.426	83	38475	11.048	ug/l		96
48) Methyl methacrylate	9.225	41	16122	10.501	ug/l		98
49) 1,4-Dioxane	9.243	88	3535	215.881	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	88634	53.259	ug/l		100
52) Toluene	10.176	92	68265	10.565	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	34307	10.649	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	40229	10.649	ug/l		98
55) 1,1,2-Trichloroethane	10.579	97	18848	10.904	ug/l		94
56) Ethyl methacrylate	10.444	69	26171	10.426	ug/l		97
57) 1,3-Dichloropropane	10.719	76	33836	10.991	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	52396	46.819	ug/l		99
59) 2-Hexanone	10.761	43	57738	52.045	ug/l		100
60) Dibromochloromethane	10.914	129	23423	10.694	ug/l		99
61) 1,2-Dibromoethane	11.018	107	17302	10.847	ug/l		96
64) Tetrachloroethene	10.652	164	28680	11.144	ug/l		97
65) Chlorobenzene	11.444	112	70845	10.789	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	23209	10.427	ug/l		96
67) Ethyl Benzene	11.524	91	126556	10.350	ug/l		100
68) m/p-Xylenes	11.633	106	94535	20.427	ug/l		99
69) o-Xylene	11.956	106	45374	10.476	ug/l		99
70) Styrene	11.975	104	72373	10.092	ug/l		98
71) Bromoform	12.133	173	12637	10.804	ug/l	#	99
73) Isopropylbenzene	12.255	105	118344	10.695	ug/l		99
74) N-amyl acetate	12.072	43	29609	10.581	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	20264	11.276	ug/l		96
76) 1,2,3-Trichloropropane	12.560	75	27698	15.277	ug/l	#	100
77) Bromobenzene	12.536	156	25392	10.827	ug/l		98
78) n-propylbenzene	12.597	91	143414	10.648	ug/l		100
79) 2-Chlorotoluene	12.682	91	75325	10.591	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	91121	10.532	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	7009	11.084	ug/l		96
82) 4-Chlorotoluene	12.779	91	78689	10.676	ug/l		100
83) tert-Butylbenzene	12.999	119	81823	10.367	ug/l		97
84) 1,2,4-Trimethylbenzene	13.048	105	90848	10.495	ug/l		98
85) sec-Butylbenzene	13.176	105	127776	10.678	ug/l		100
86) p-Isopropyltoluene	13.291	119	99940	10.158	ug/l		99
87) 1,3-Dichlorobenzene	13.291	146	48971	10.437	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	49834	10.900	ug/l		98
89) n-Butylbenzene	13.621	91	97544	10.413	ug/l		99
90) Hexachloroethane	13.877	117	20466	10.631	ug/l		96
91) 1,2-Dichlorobenzene	13.663	146	43460	10.781	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3014	11.095	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	23710	10.760	ug/l		98
94) Hexachlorobutadiene	15.023	225	13179	10.951	ug/l		99
95) Naphthalene	15.145	128	44061	10.434	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	19814	10.581	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

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

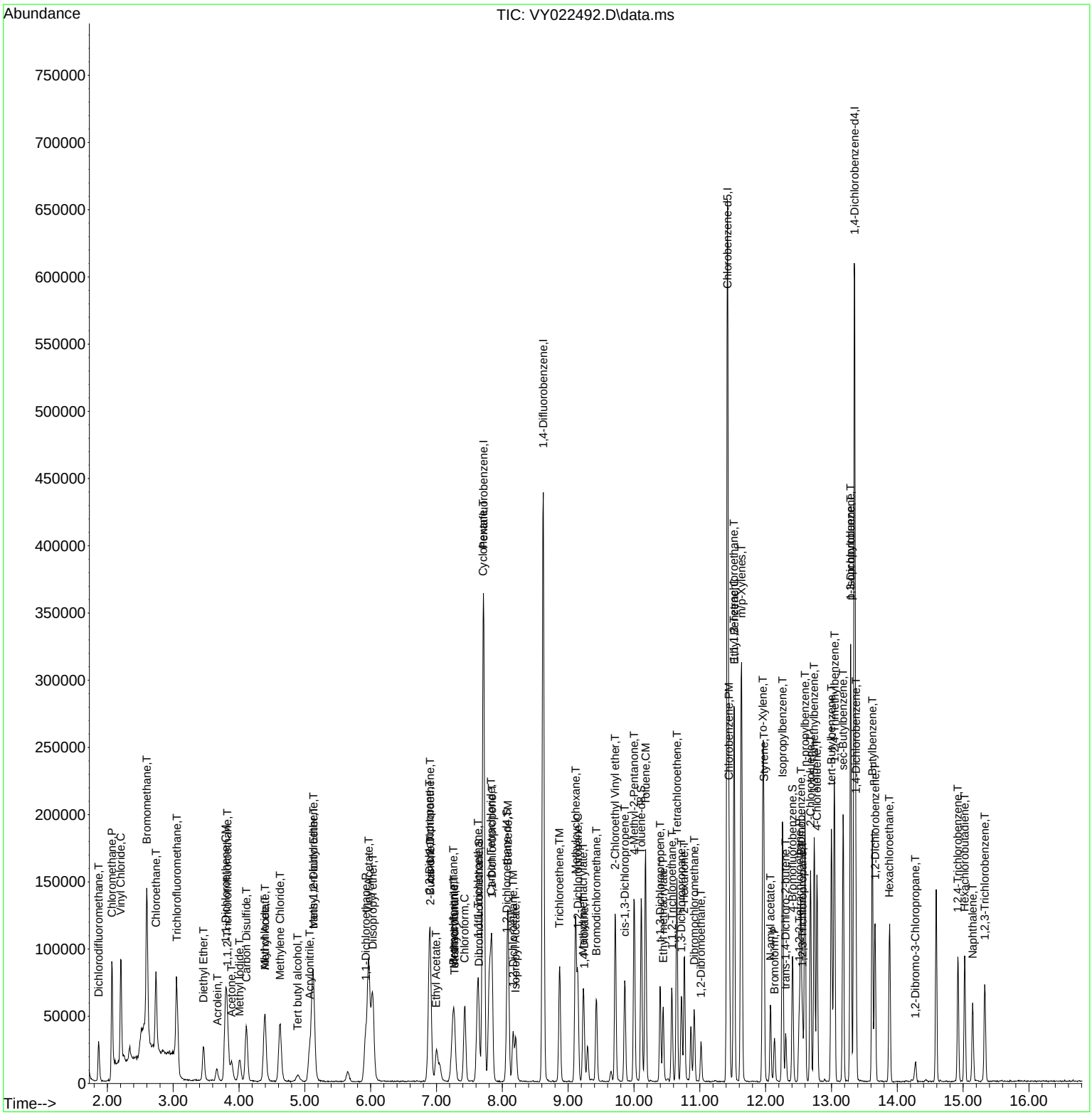
(#) = qualifier out of range (m) = manual integration (+) = signals summed

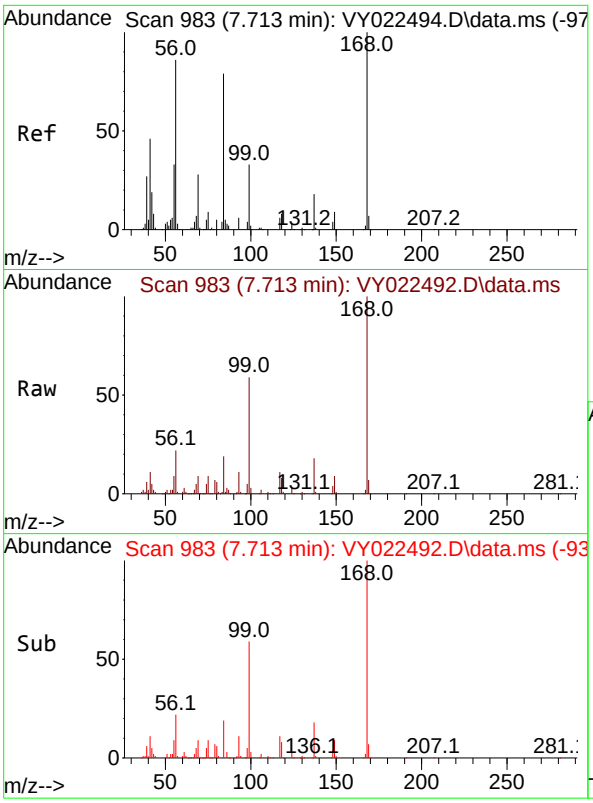
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022492.D
Acq On : 02 Jun 2025 12:09
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Jun 03 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



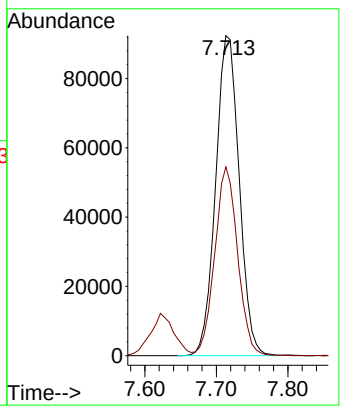


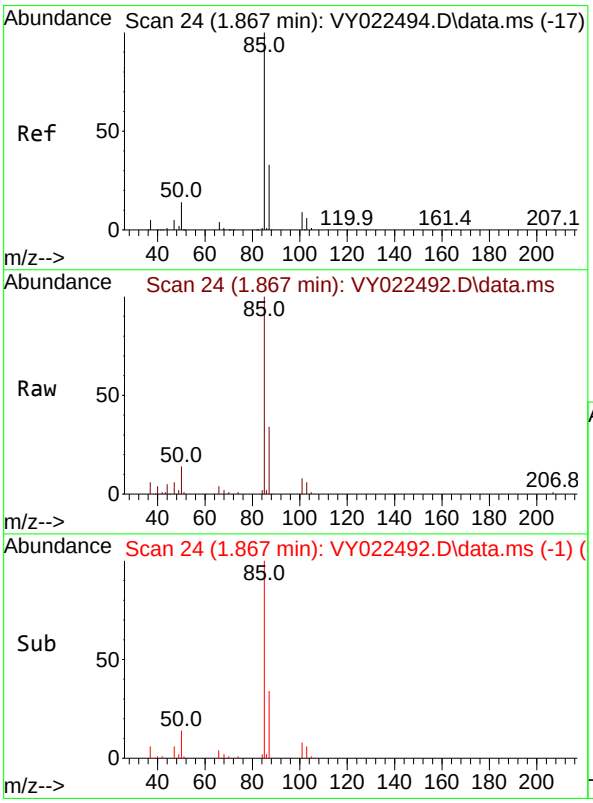
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:168 Resp: 211235

Ion	Ratio	Lower	Upper
168	100		
99	58.9	44.3	66.5

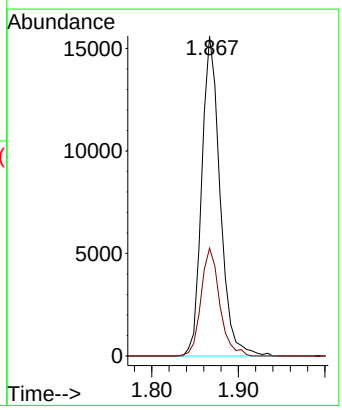


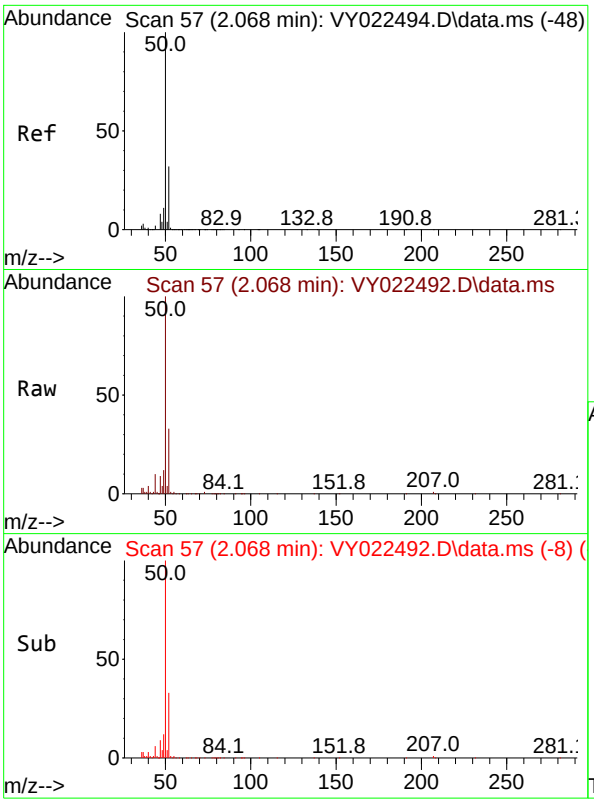


#2
Dichlorodifluoromethane
Concen: 12.412 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 85 Resp: 22911

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0



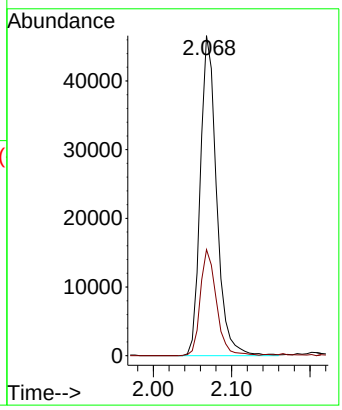


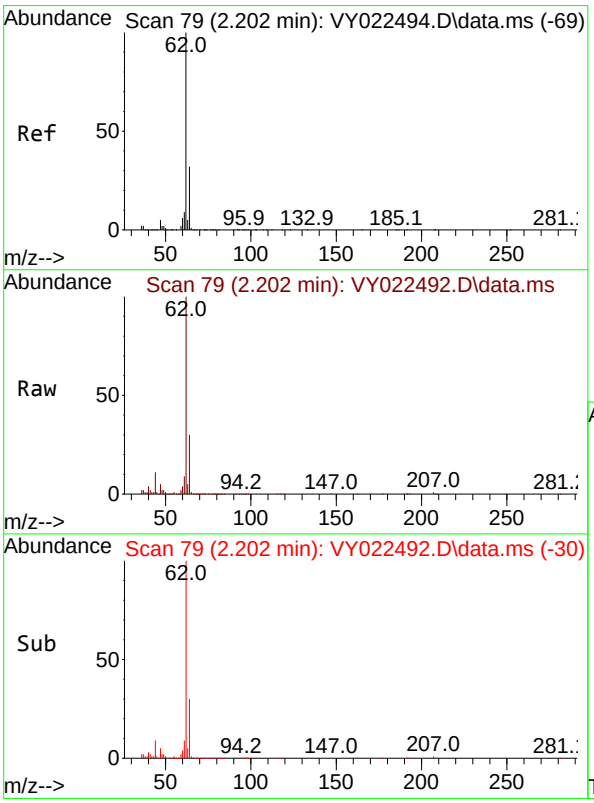
#3
Chloromethane
Concen: 12.339 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 67191

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.0	39.0

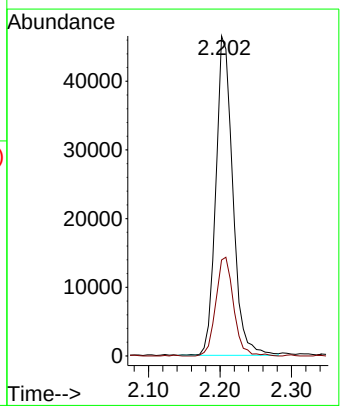


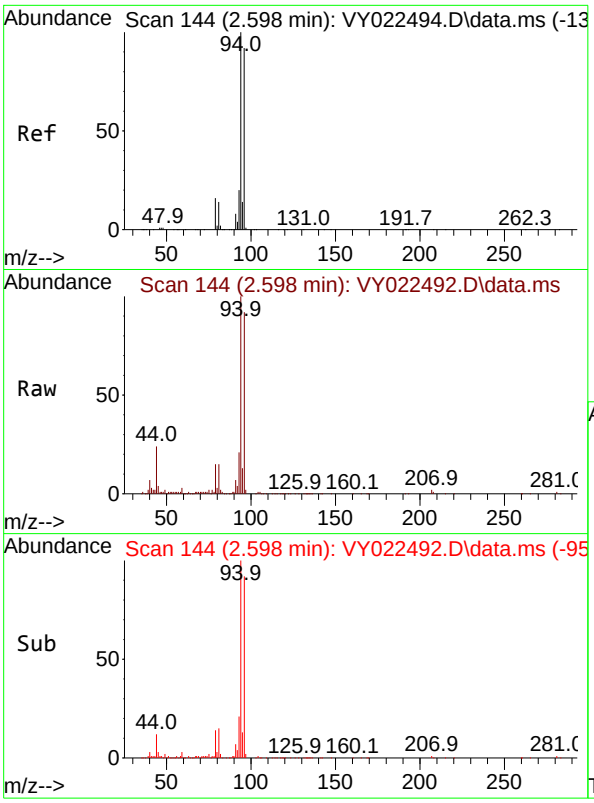


#4
Vinyl Chloride
Concen: 12.027 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 76656

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.3	37.9



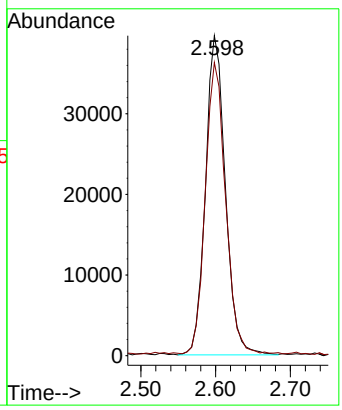


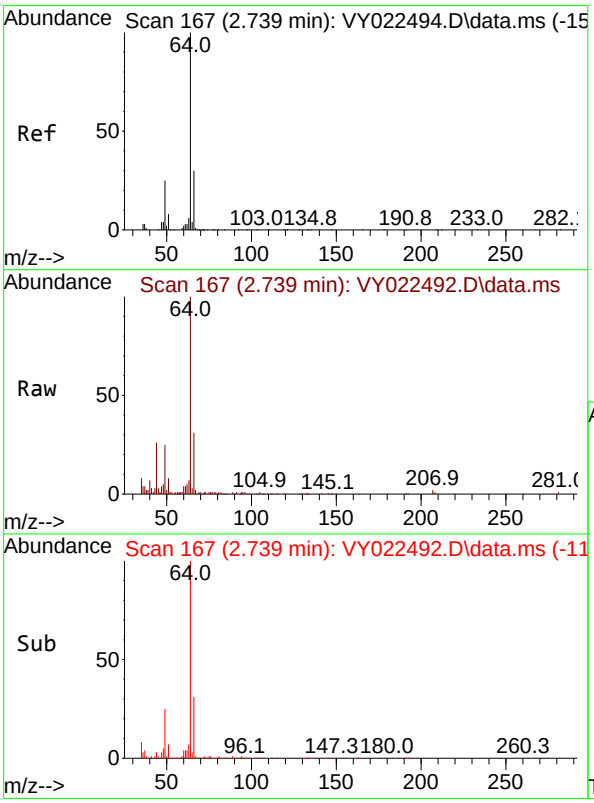
#5
Bromomethane
Concen: 12.157 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 94 Resp: 73289

Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.0	111.0

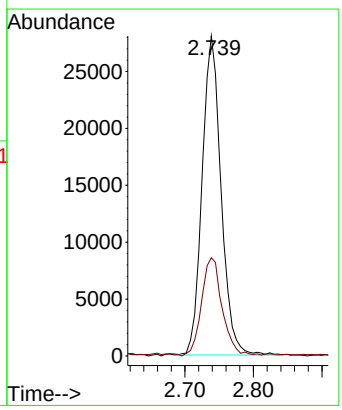


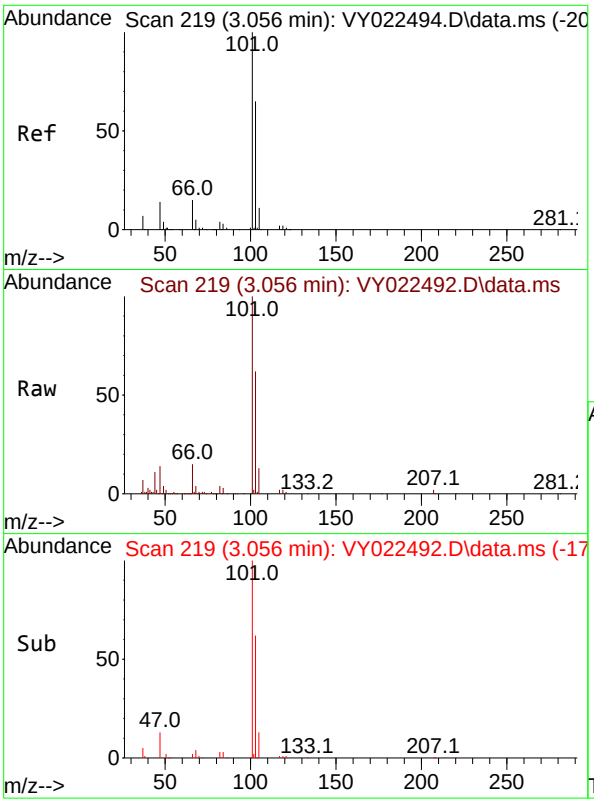


#6
Chloroethane
Concen: 12.374 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 64 Resp: 53992

Ion	Ratio	Lower	Upper
64	100		
66	30.3	23.8	35.6



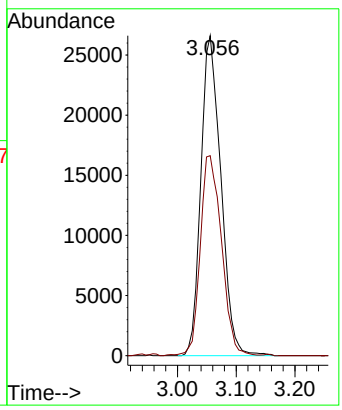


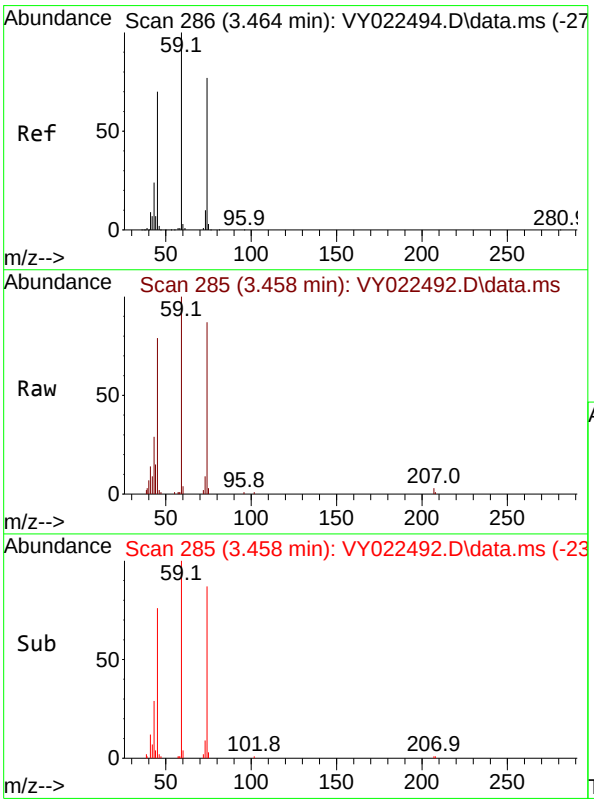
#7
Trichlorofluoromethane
Concen: 11.642 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 63044

Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.2	78.2

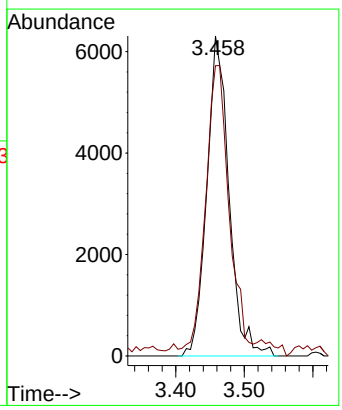


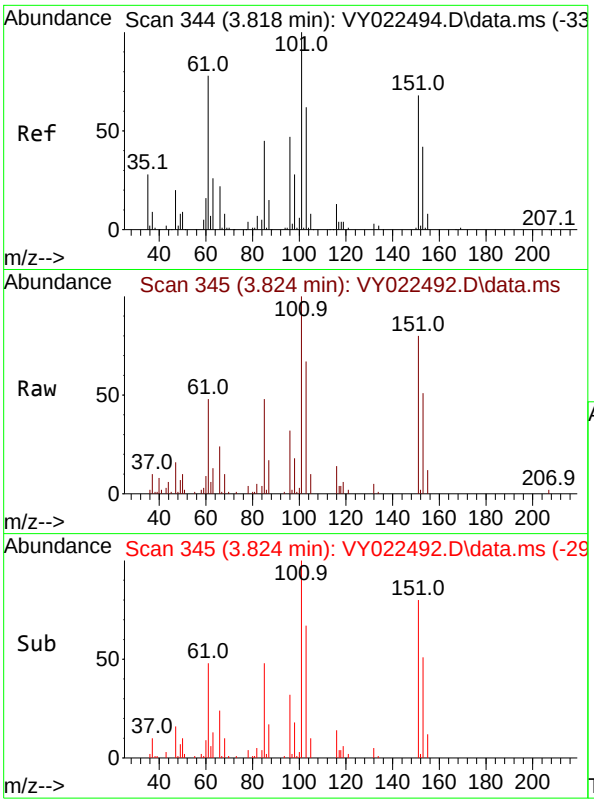


#8
Diethyl Ether
Concen: 11.826 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 74 Resp: 14144

Ion	Ratio	Lower	Upper
74	100		
45	91.9	45.9	137.6



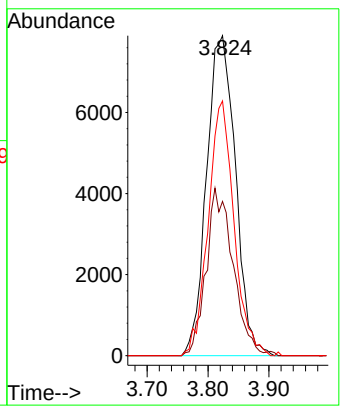


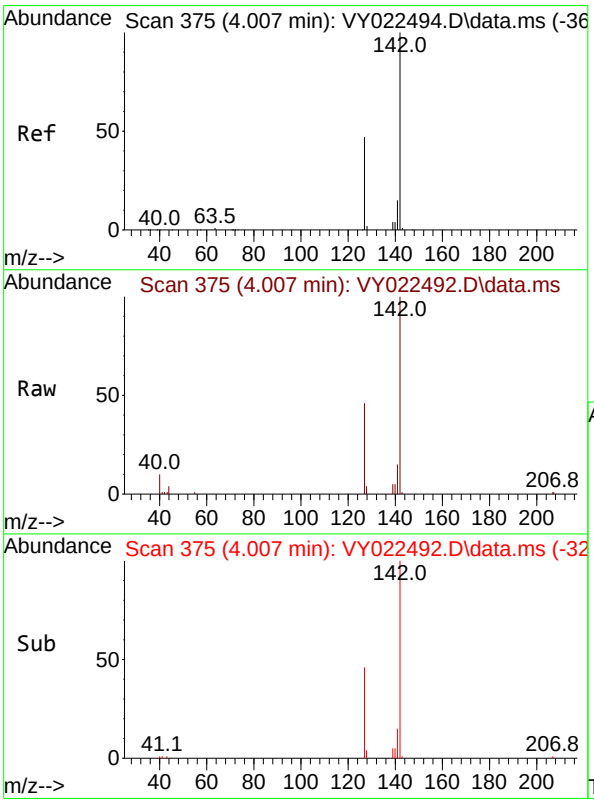
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.445 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 25997

Ion	Ratio	Lower	Upper
101	100		
85	48.6	39.3	58.9
151	71.3	57.8	86.8

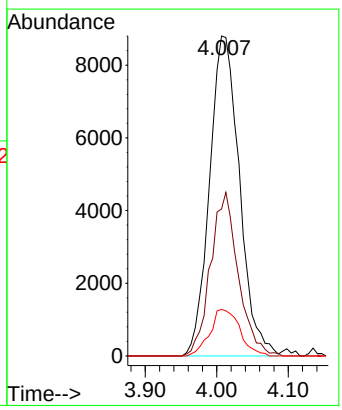


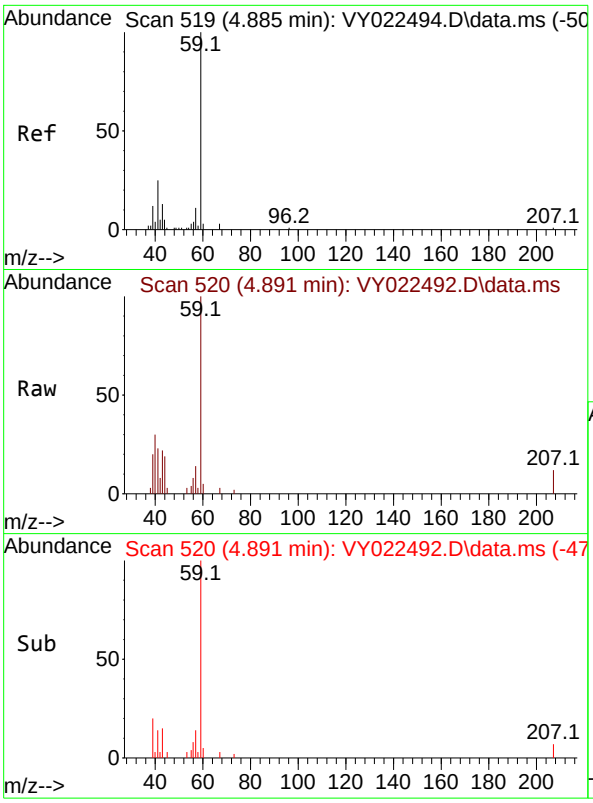


#10
Methyl Iodide
Concen: 10.505 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:142 Resp: 25590

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	14.6	11.4	17.2



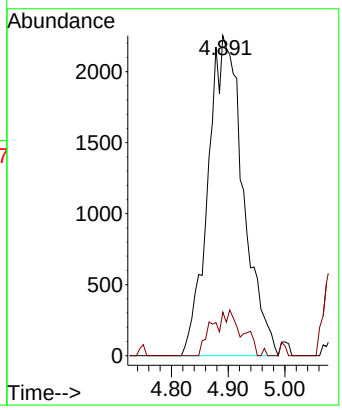


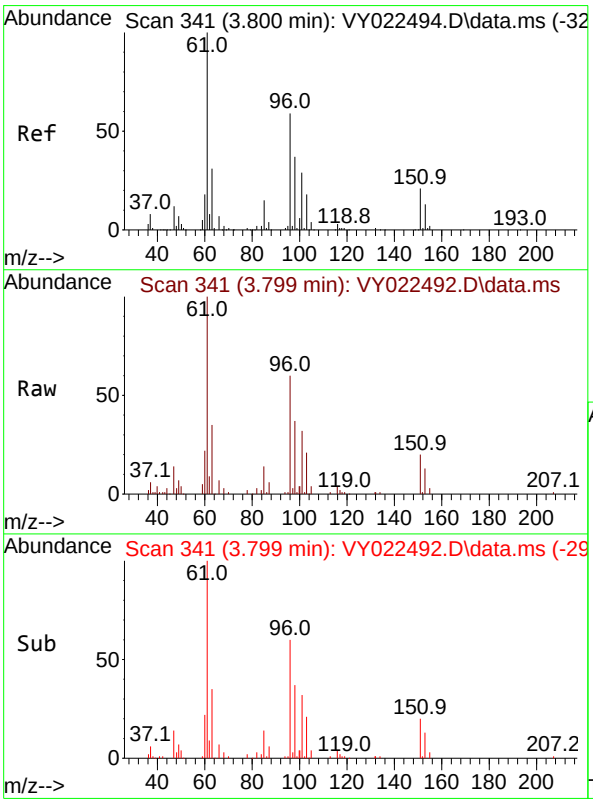
#11
Tert butyl alcohol
Concen: 59.275 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 9732

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

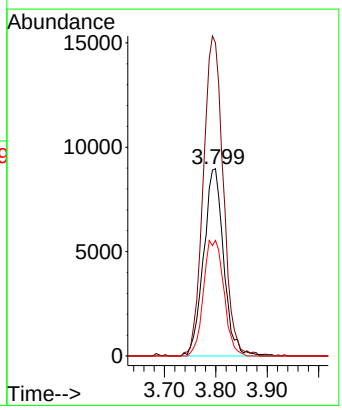


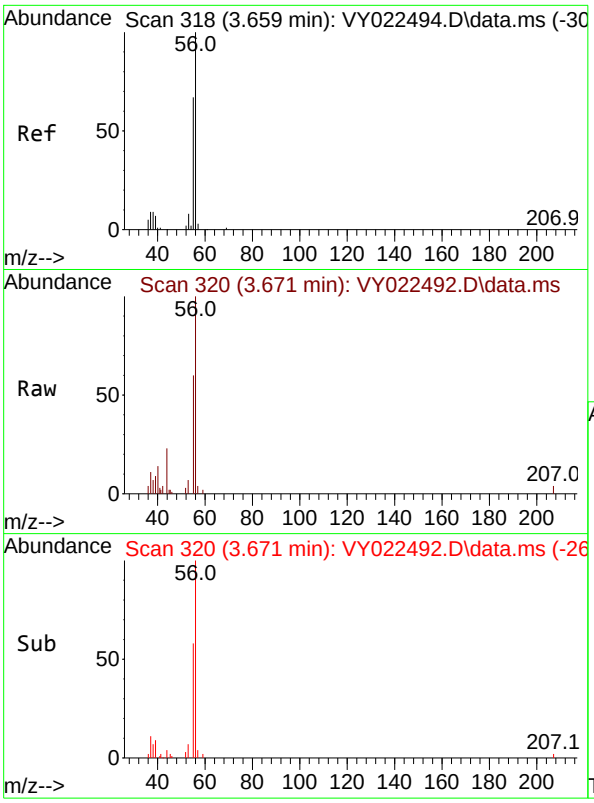


#12
1,1-Dichloroethene
Concen: 11.240 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 96 Resp: 24370

Ion	Ratio	Lower	Upper
96	100		
61	167.3	134.6	201.8
98	61.7	50.2	75.4



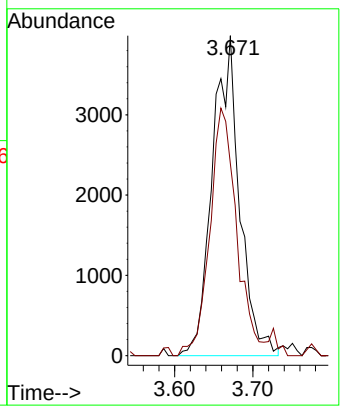


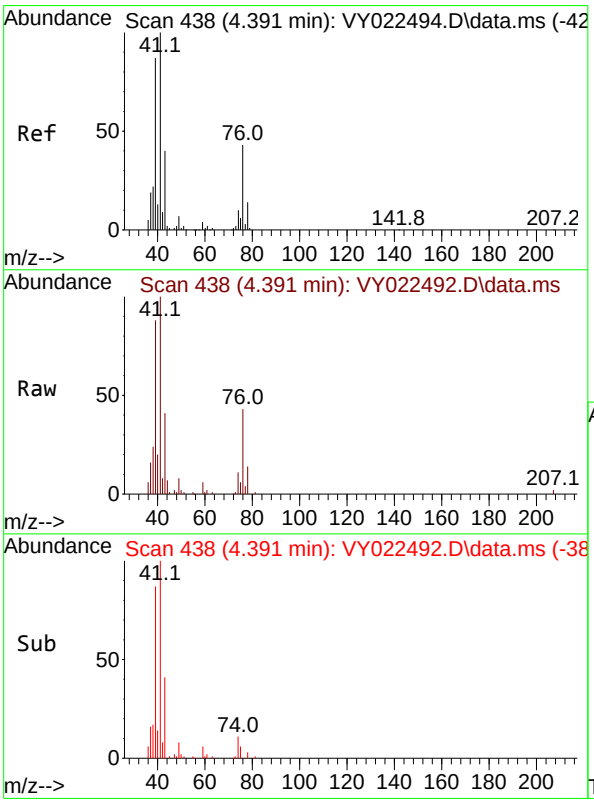
#13
Acrolein
Concen: 48.151 ug/l
RT: 3.671 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 9650

Ion	Ratio	Lower	Upper
56	100		
55	76.0	57.0	85.6

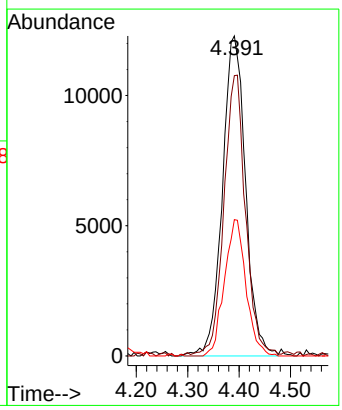


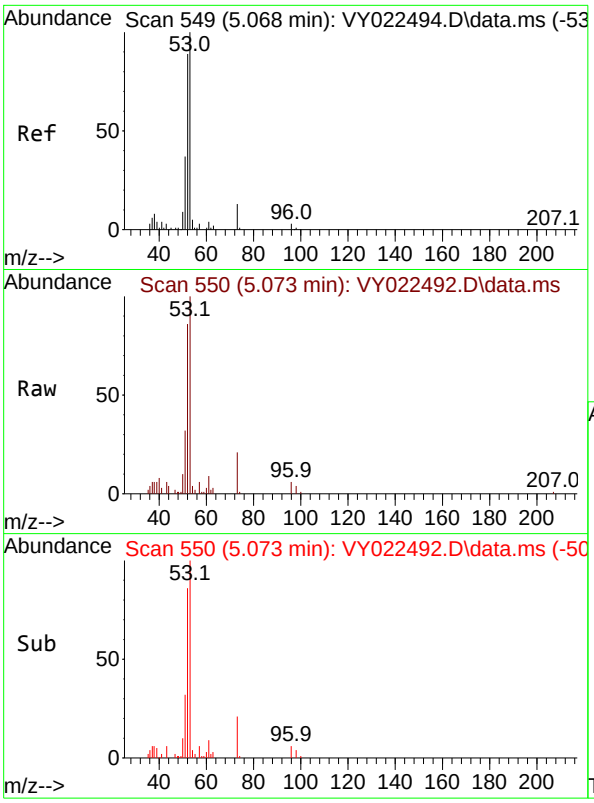


#14
Allyl chloride
Concen: 11.389 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 41 Resp: 38482

Ion	Ratio	Lower	Upper
41	100		
39	80.5	69.1	103.7
76	39.7	33.5	50.3



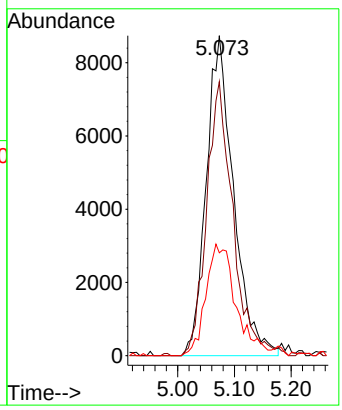


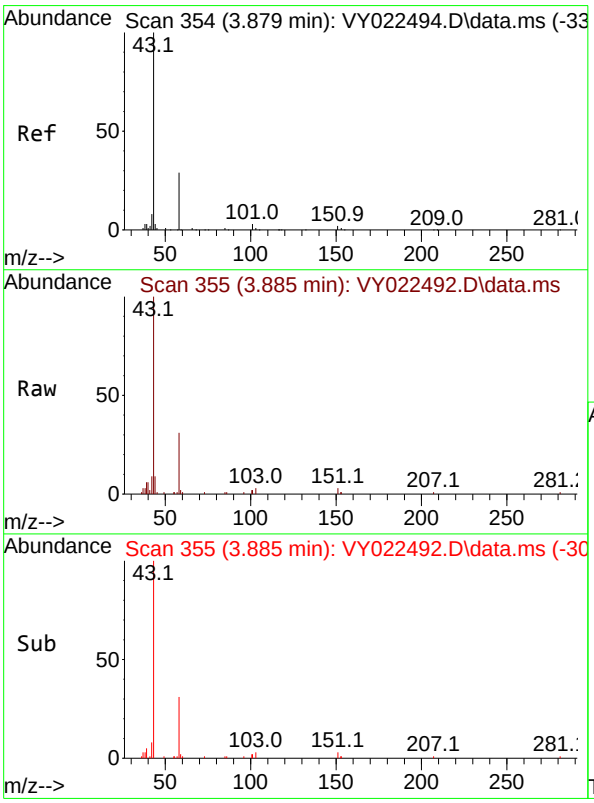
#15
Acrylonitrile
Concen: 57.299 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 53 Resp: 29150

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	38.3	30.1	45.1

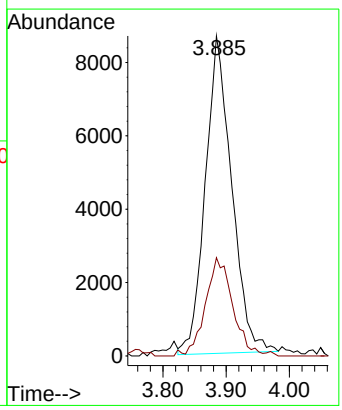


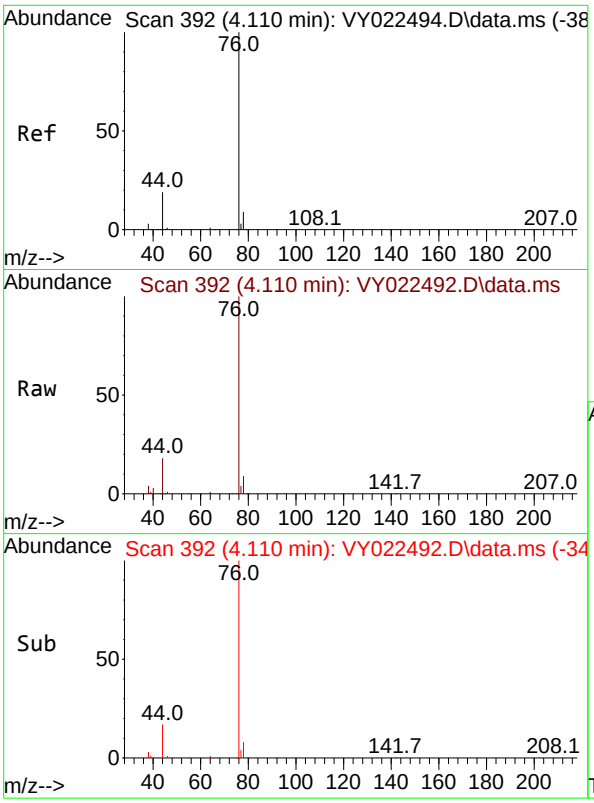


#16
Acetone
Concen: 55.166 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 25066

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0



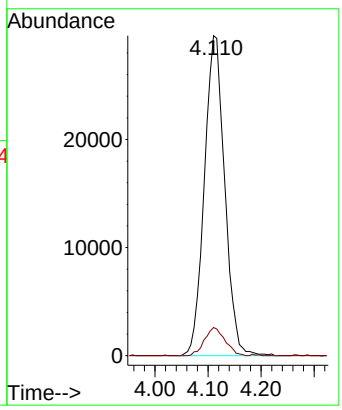


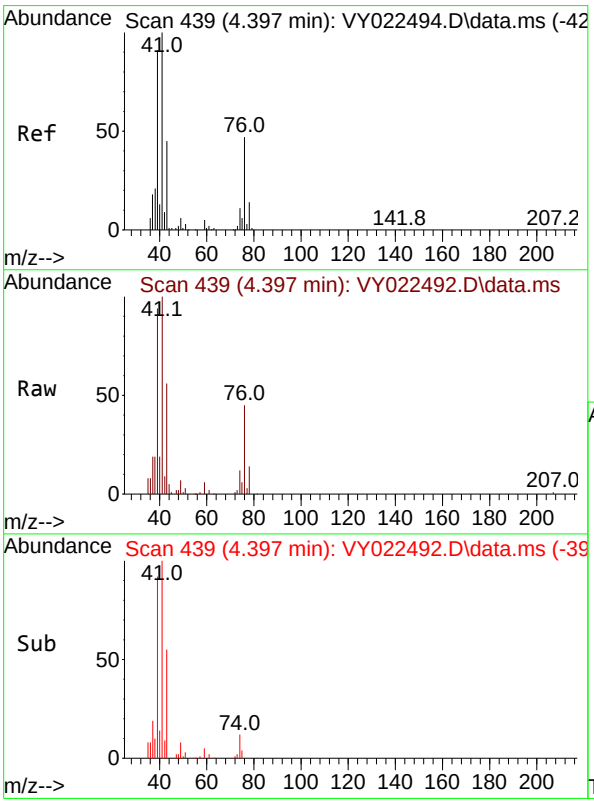
#17
Carbon Disulfide
Concen: 11.413 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 79008

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

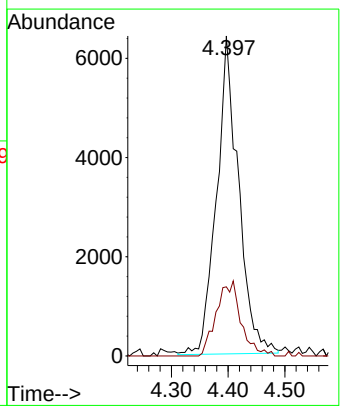


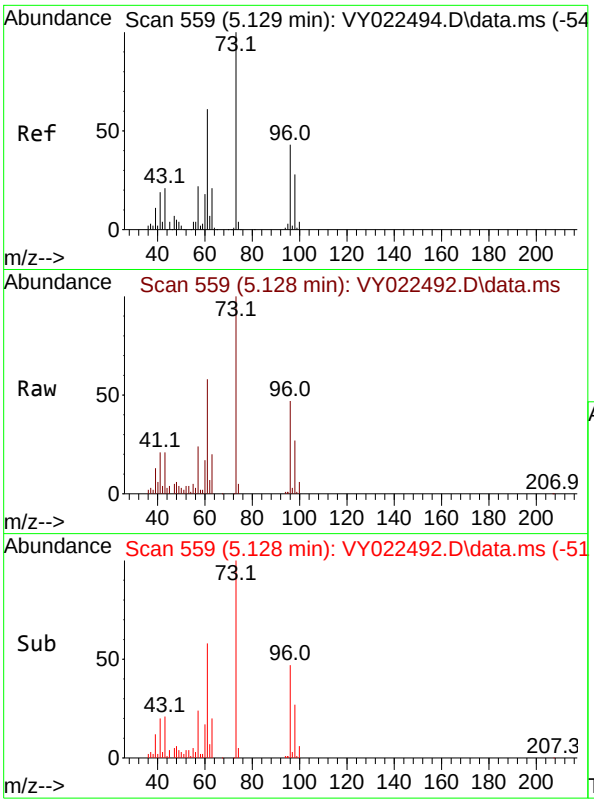


#18
Methyl Acetate
Concen: 12.603 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 17228

Ion	Ratio	Lower	Upper
43	100		
74	26.4	19.8	29.6



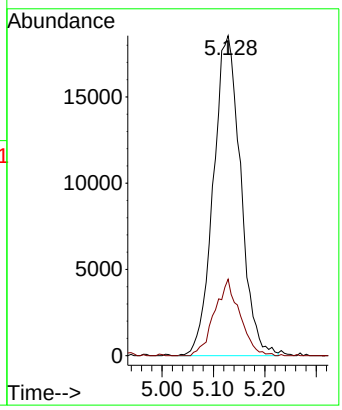


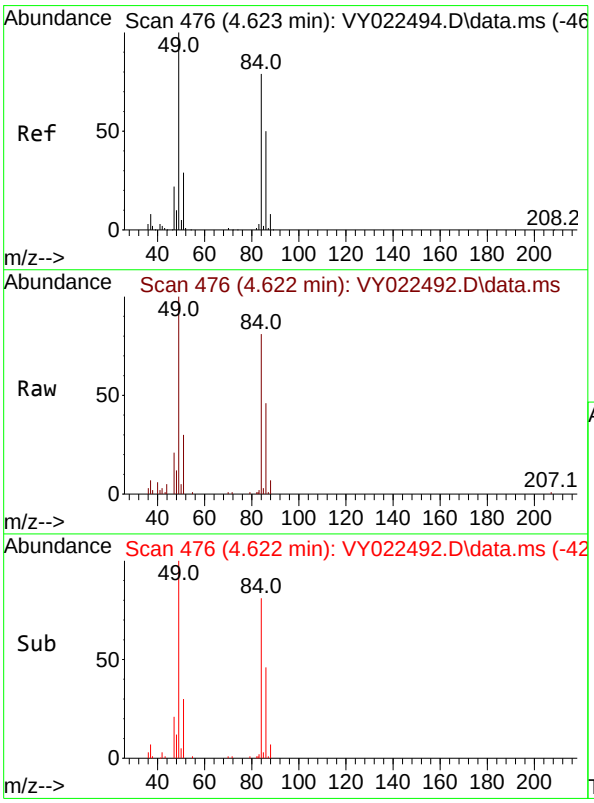
#19
Methyl tert-butyl Ether
Concen: 11.296 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 68336

Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.4	26.0

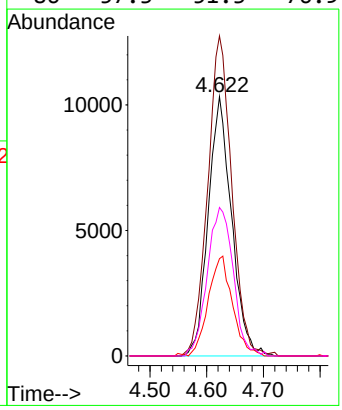


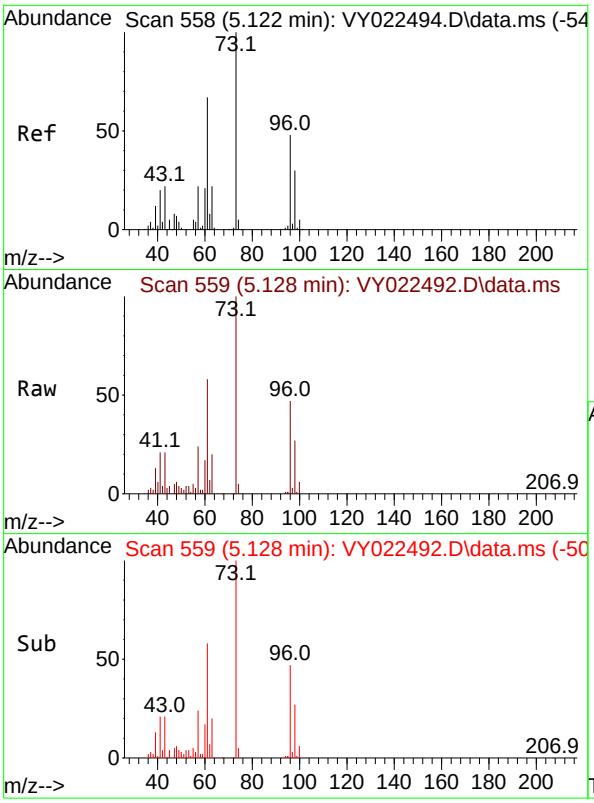


#20
Methylene Chloride
Concen: 11.655 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 84 Resp: 29569

Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.9	152.9
51	37.5	29.8	44.8
86	57.3	51.3	76.9



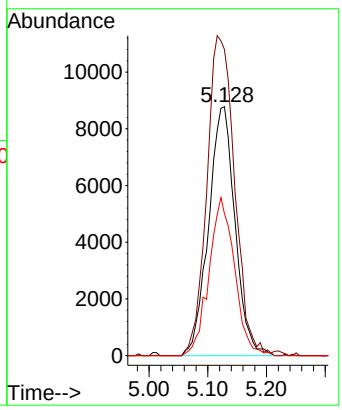


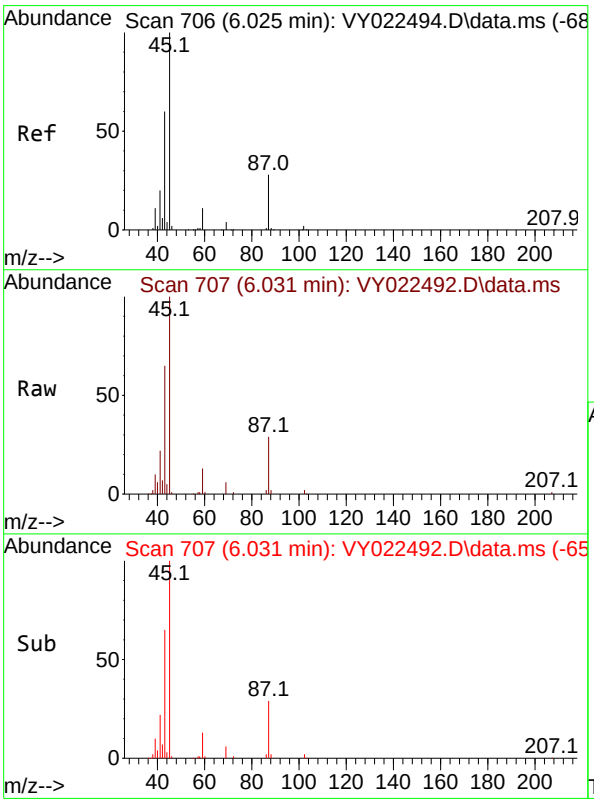
#21
trans-1,2-Dichloroethene
Concen: 11.350 ug/l
RT: 5.128 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 27493

Ion	Ratio	Lower	Upper
96	100		
61	123.0	112.6	169.0
98	57.1	50.6	75.8

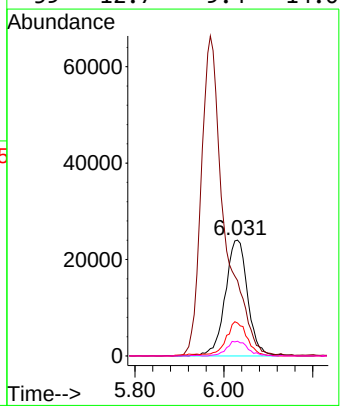


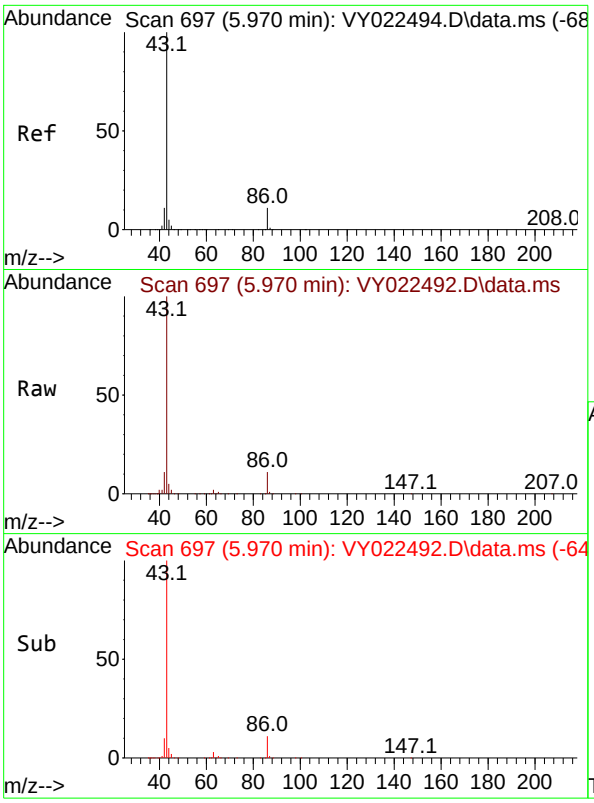


#22
Diisopropyl ether
Concen: 11.156 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 45 Resp: 83814

Ion	Ratio	Lower	Upper
45	100		
43	64.5	48.3	72.5
87	28.5	23.0	34.6
59	12.7	9.4	14.0



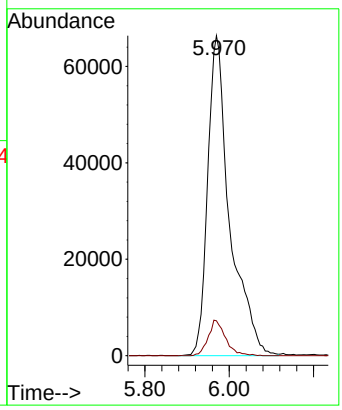


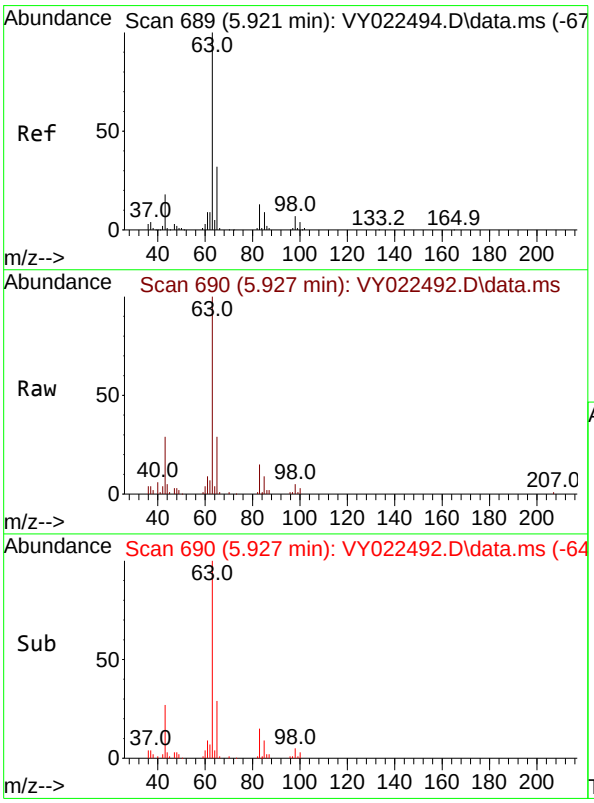
#23
Vinyl Acetate
Concen: 54.152 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 241364

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

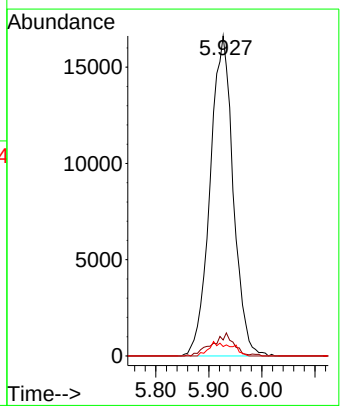


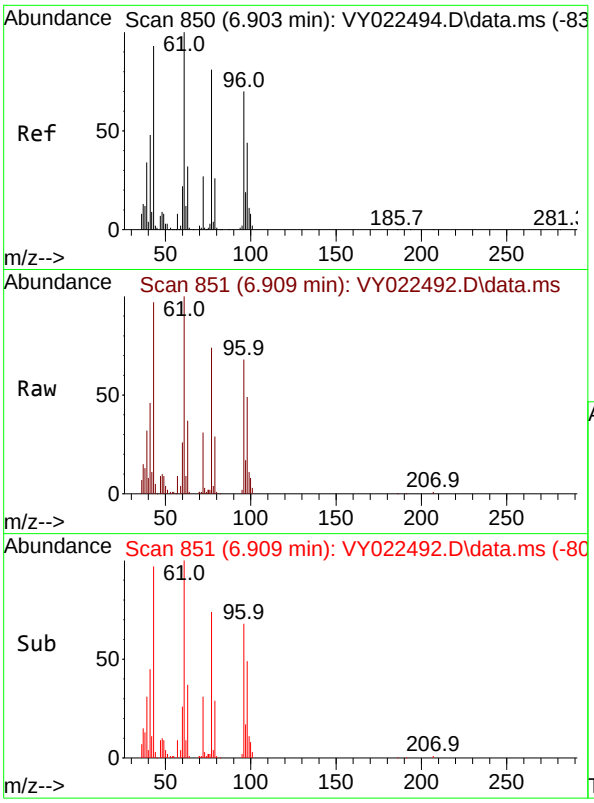


#24
1,1-Dichloroethane
Concen: 11.346 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 63 Resp: 50391

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.4	10.1
100	3.0	2.1	6.3



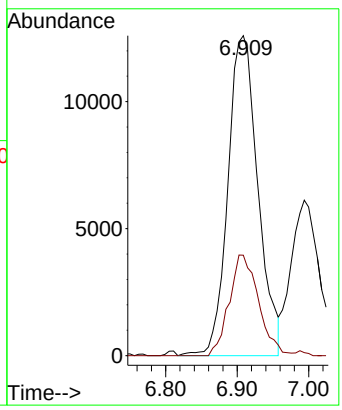


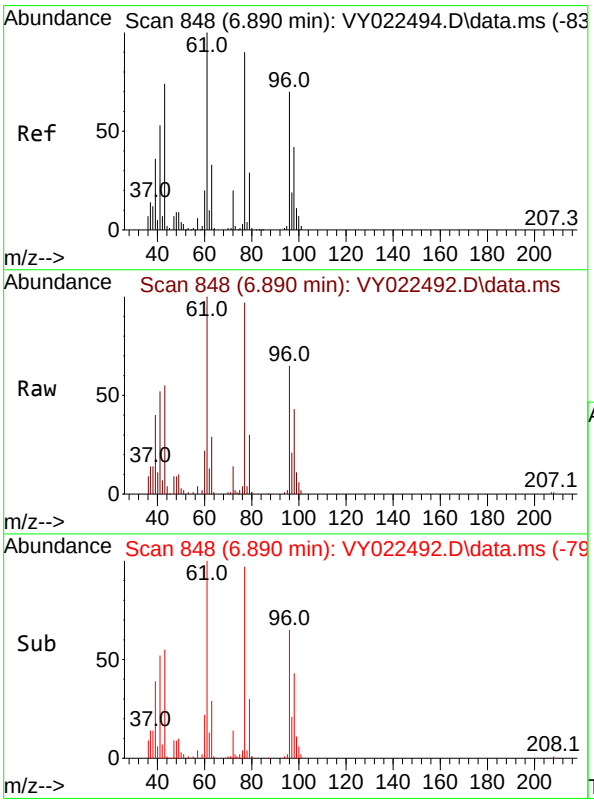
#25
2-Butanone
Concen: 54.840 ug/l
RT: 6.909 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 36756

Ion	Ratio	Lower	Upper
43	100		
72	31.4	22.9	34.3

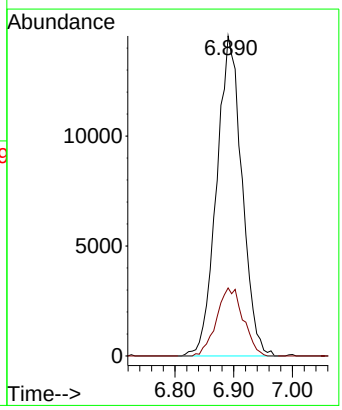


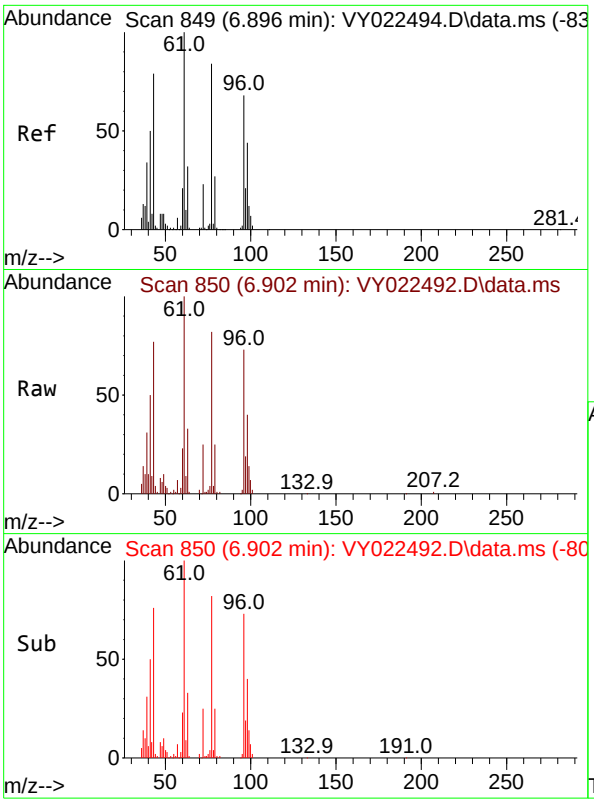


#26
2,2-Dichloropropane
Concen: 11.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 77 Resp: 43605

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2



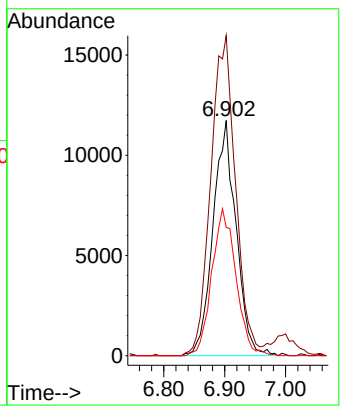


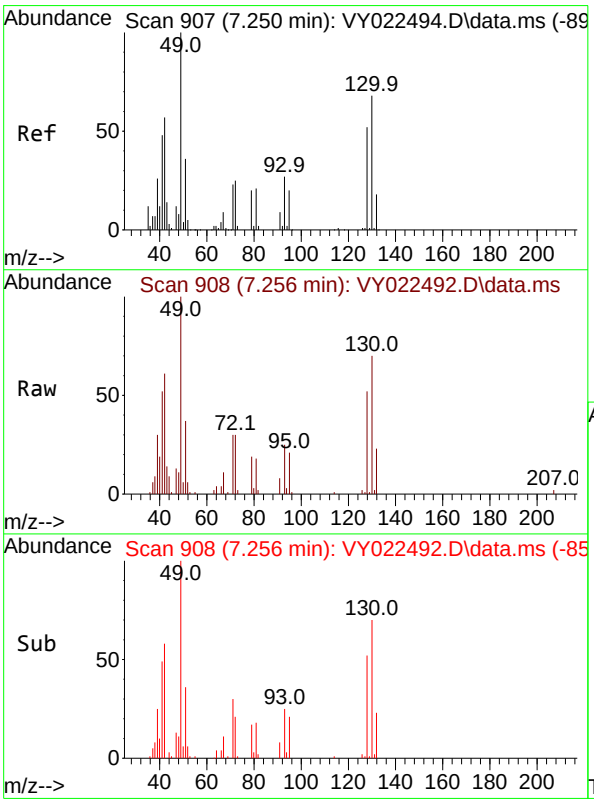
#27
cis-1,2-Dichloroethene
Concen: 11.028 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 30873

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	290.0
98	65.3	0.0	128.4

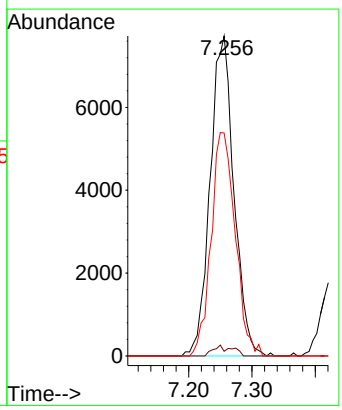


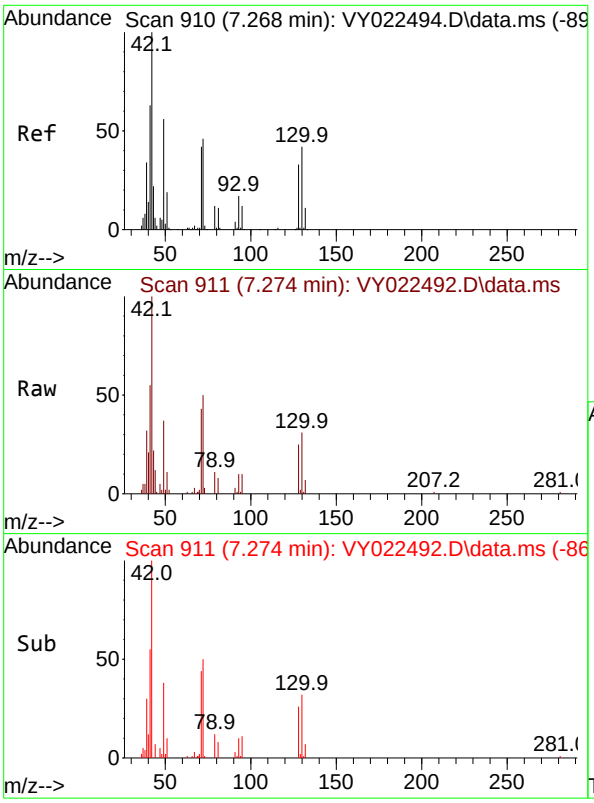


#28
Bromochloromethane
Concen: 10.491 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 49 Resp: 20132

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.6
130	70.8	55.7	83.5



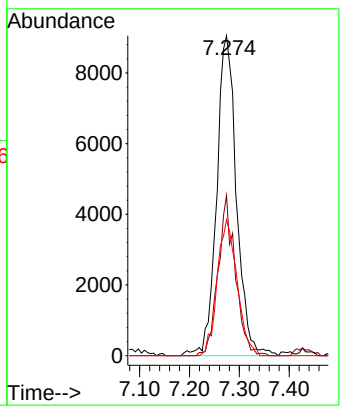


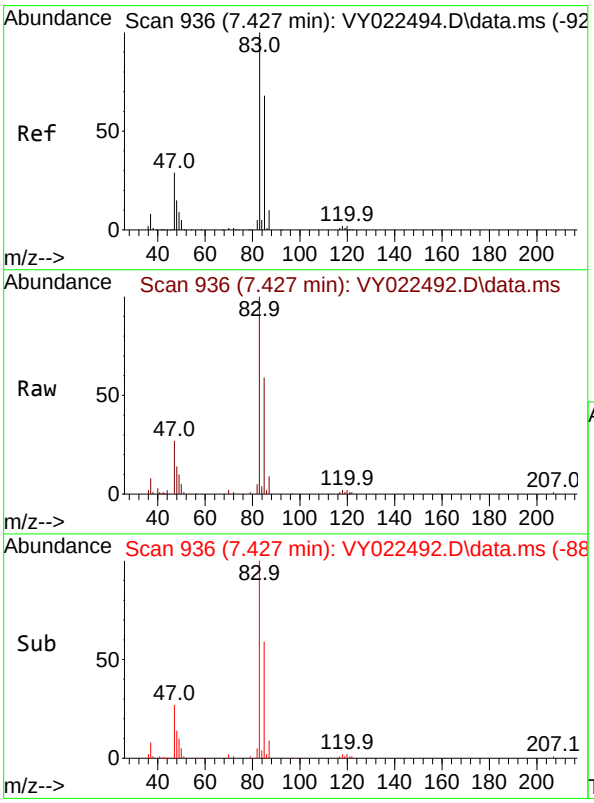
#29
Tetrahydrofuran
Concen: 57.822 ug/l
RT: 7.274 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 42 Resp: 25001

Ion	Ratio	Lower	Upper
42	100		
72	43.5	37.4	56.2
71	42.5	34.2	51.2

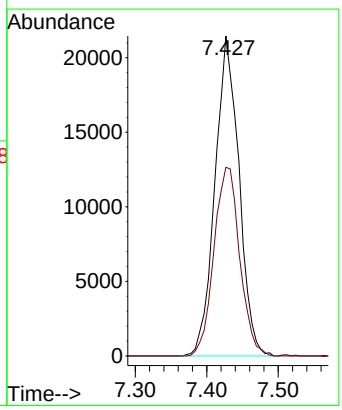


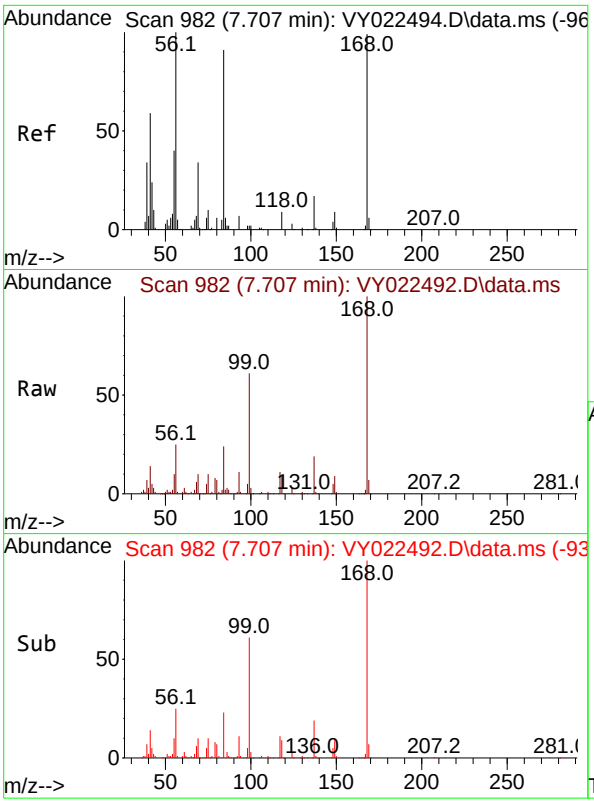


#30
Chloroform
Concen: 11.391 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 49990

Ion	Ratio	Lower	Upper
83	100		
85	59.0	54.2	81.4



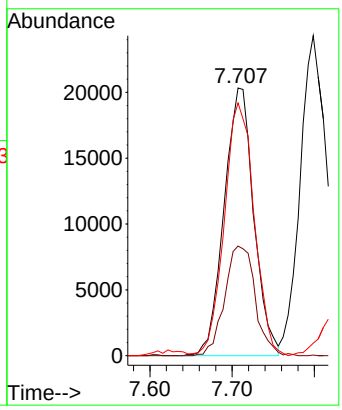


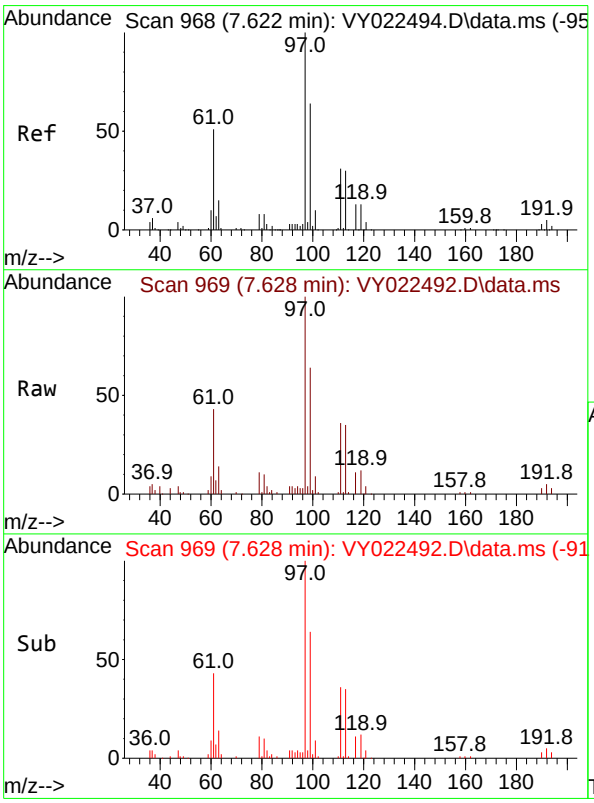
#31
Cyclohexane
Concen: 11.422 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 51050

Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.0	40.6#
84	92.7	72.6	109.0

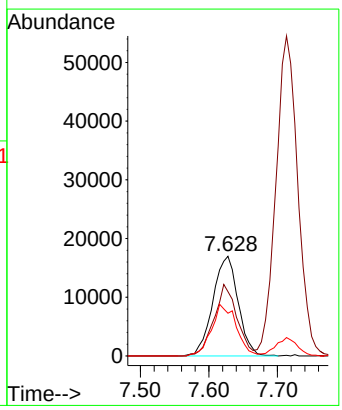


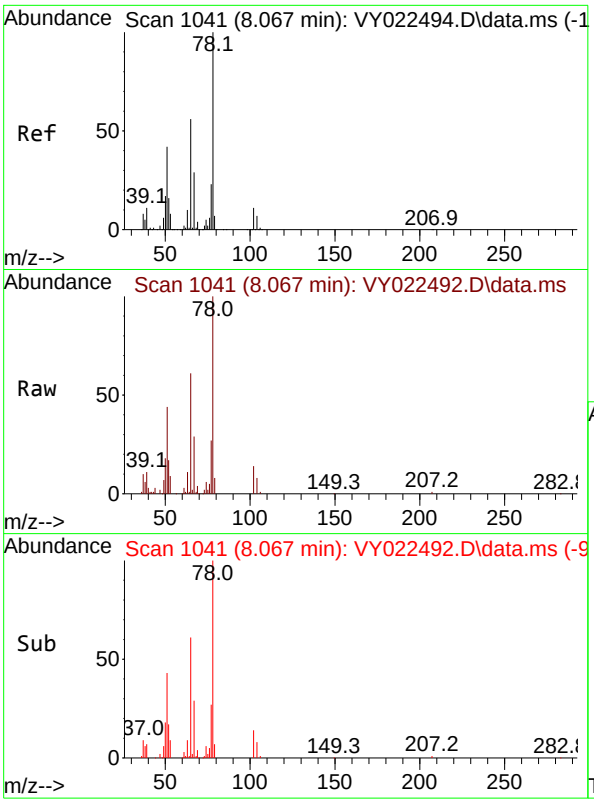


#32
1,1,1-Trichloroethane
Concen: 11.080 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 43454

Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	50.6	38.5	57.7



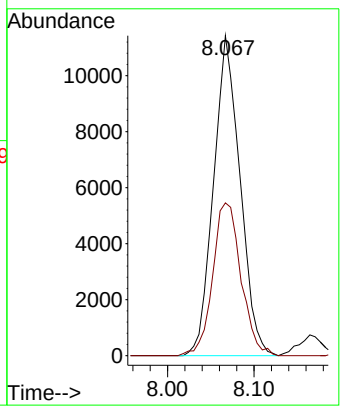


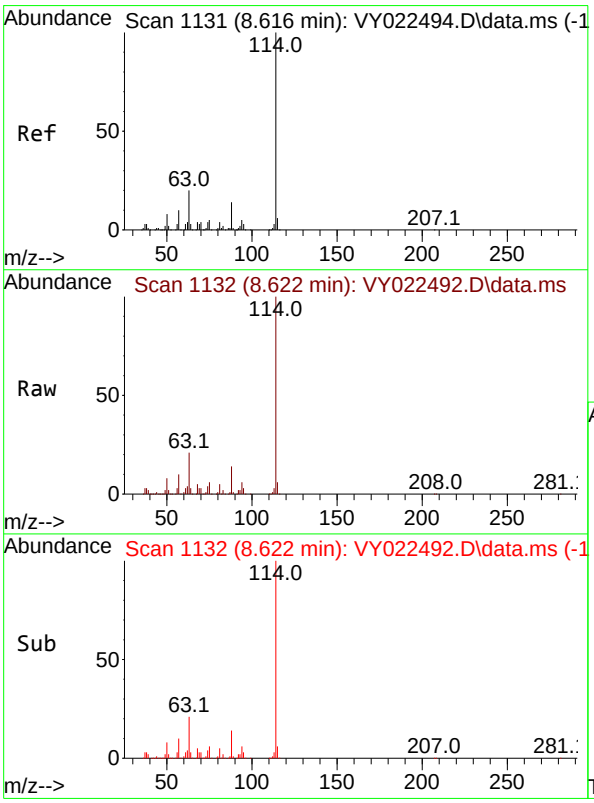
#33
1,2-Dichloroethane-d4
Concen: 10.549 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 24246

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4

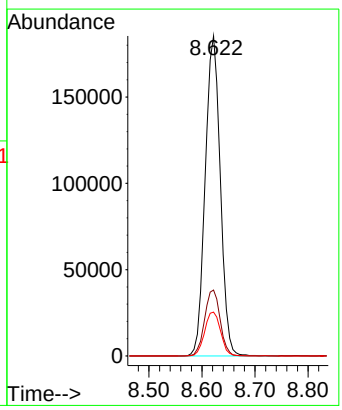


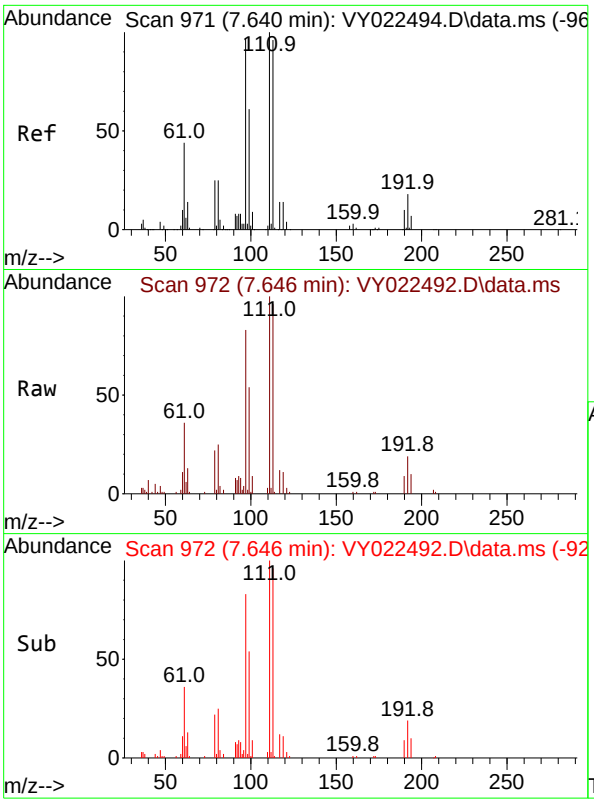


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:114 Resp: 366386

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	13.7	0.0	27.8



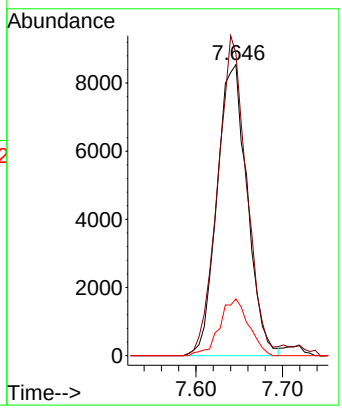


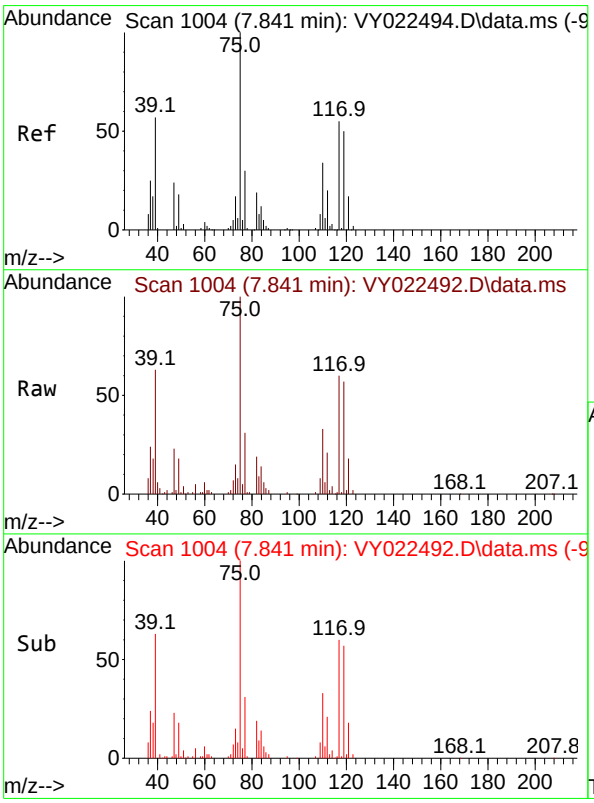
#35
Dibromofluoromethane
Concen: 9.617 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:113 Resp: 20743

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.1	121.7
192	18.7	14.2	21.2

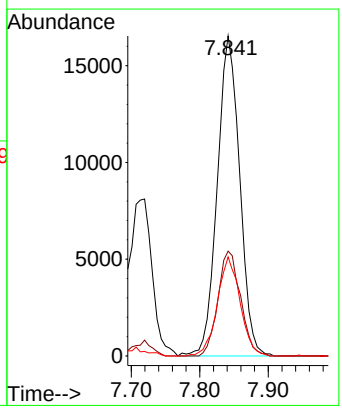


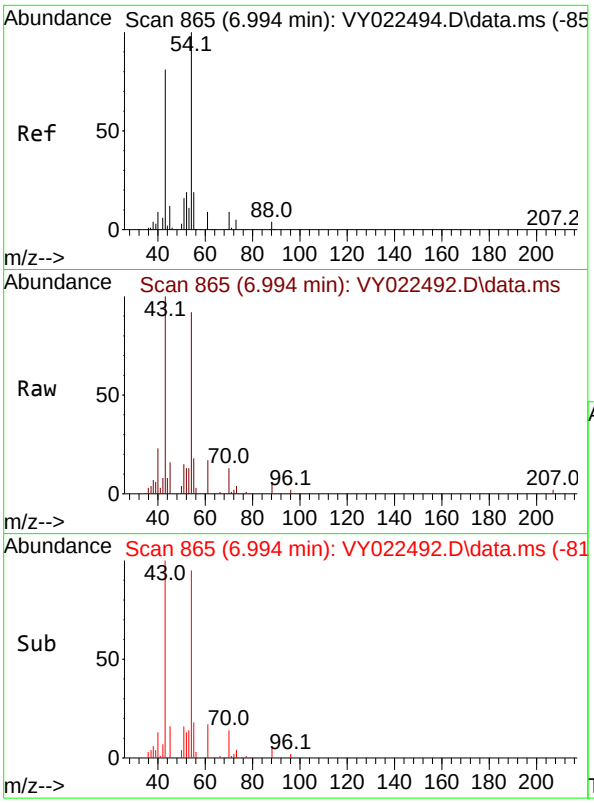


#36
1,1-Dichloropropene
Concen: 10.765 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 37532

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.7
77	31.5	24.8	37.2



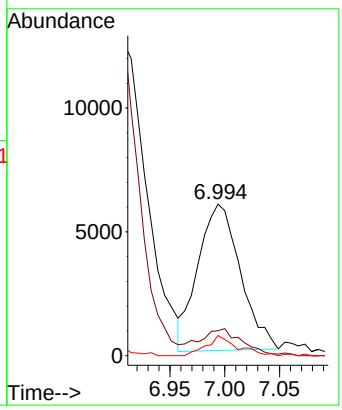


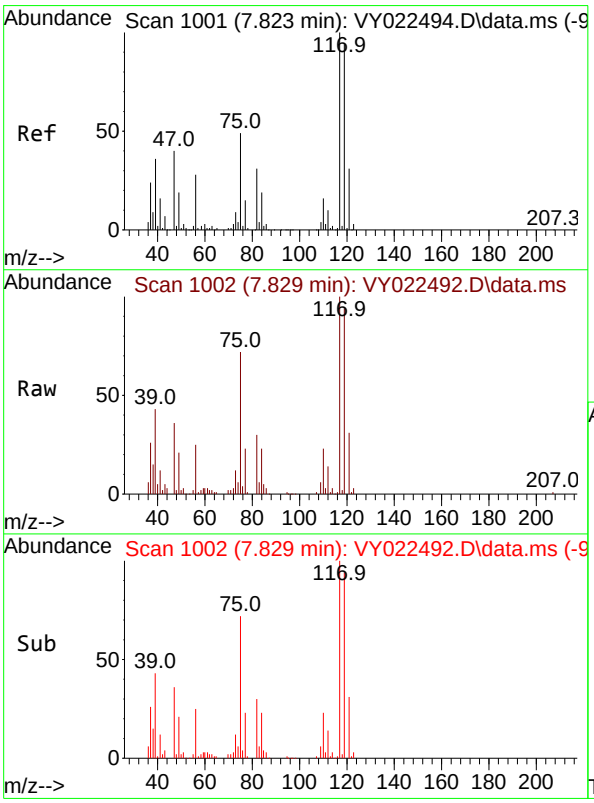
#37
Ethyl Acetate
Concen: 10.371 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 15914

Ion	Ratio	Lower	Upper
43	100		
61	18.4	11.5	17.3#
70	9.8	7.2	10.8

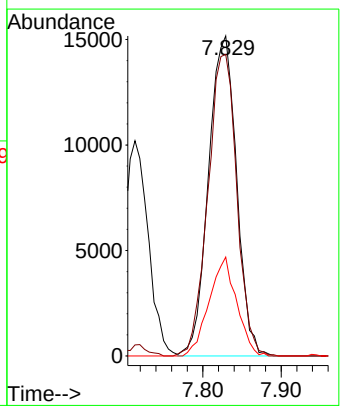


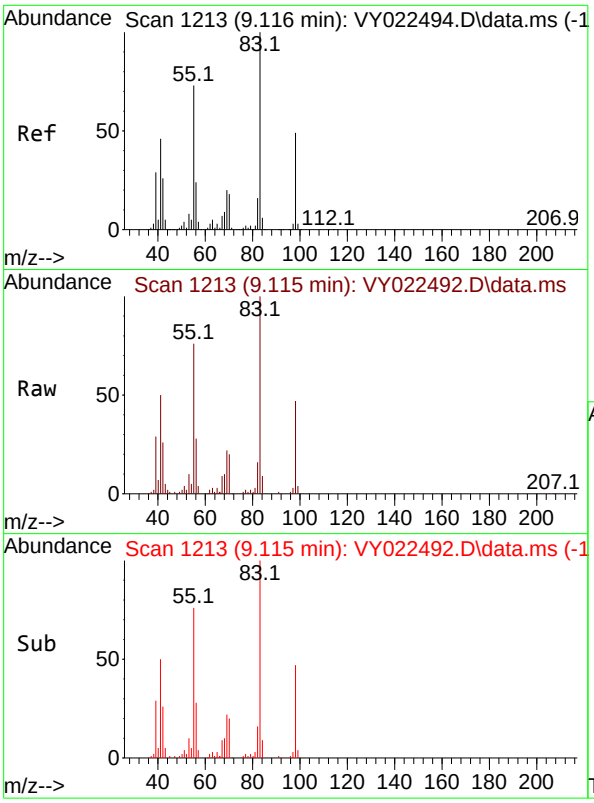


#38
Carbon Tetrachloride
Concen: 10.515 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 37794

Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
121	30.9	25.0	37.4



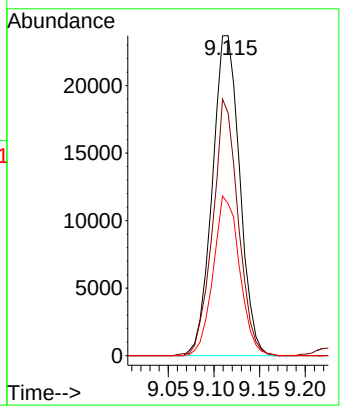


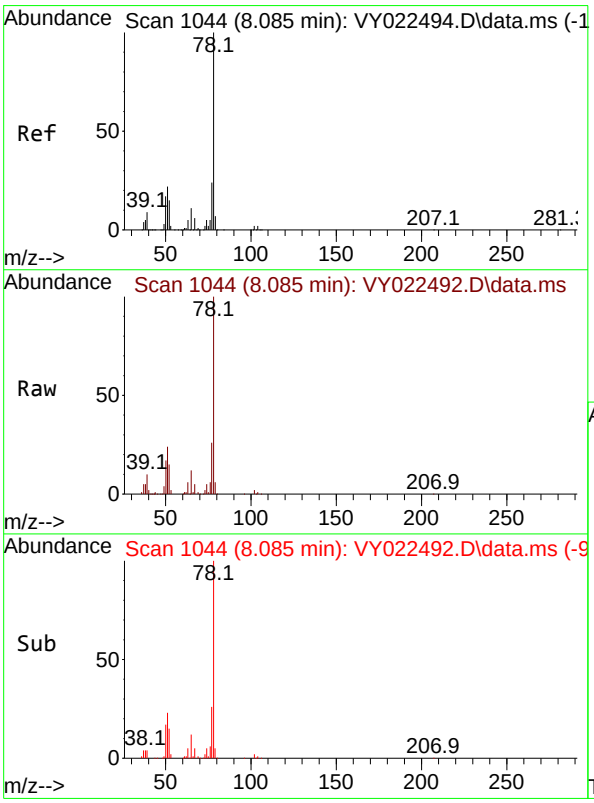
#39
Methylcyclohexane
Concen: 10.491 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 49413

Ion	Ratio	Lower	Upper
83	100		
55	75.8	58.1	87.1
98	47.5	39.0	58.6

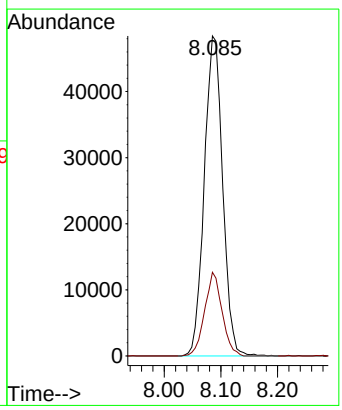


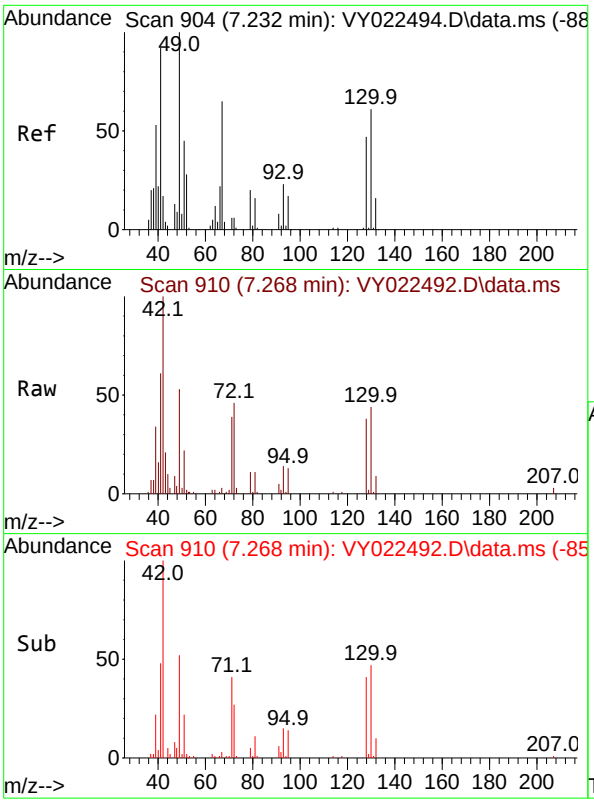


#40
Benzene
Concen: 10.600 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 78 Resp: 108934

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.3	28.9



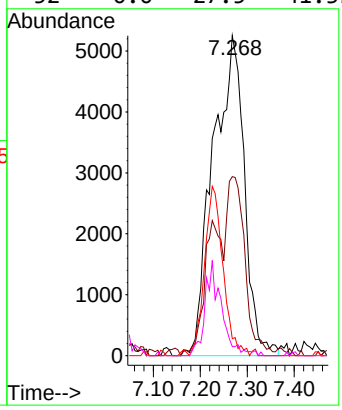


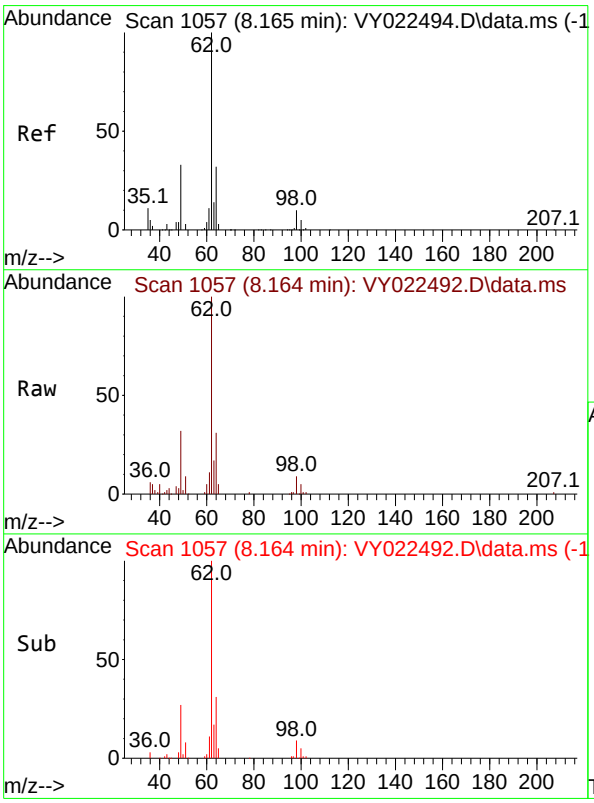
#41
Methacrylonitrile
Concen: 24.573 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.036 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 24283

Ion	Ratio	Lower	Upper
41	100		
39	31.0	46.6	69.8#
67	0.0	63.3	94.9#
52	0.0	27.5	41.3#

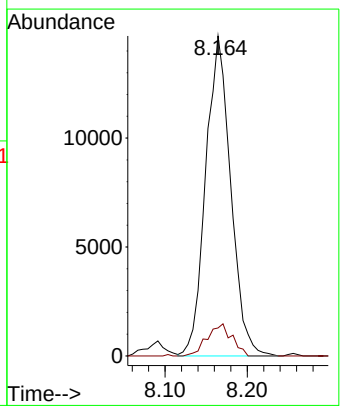


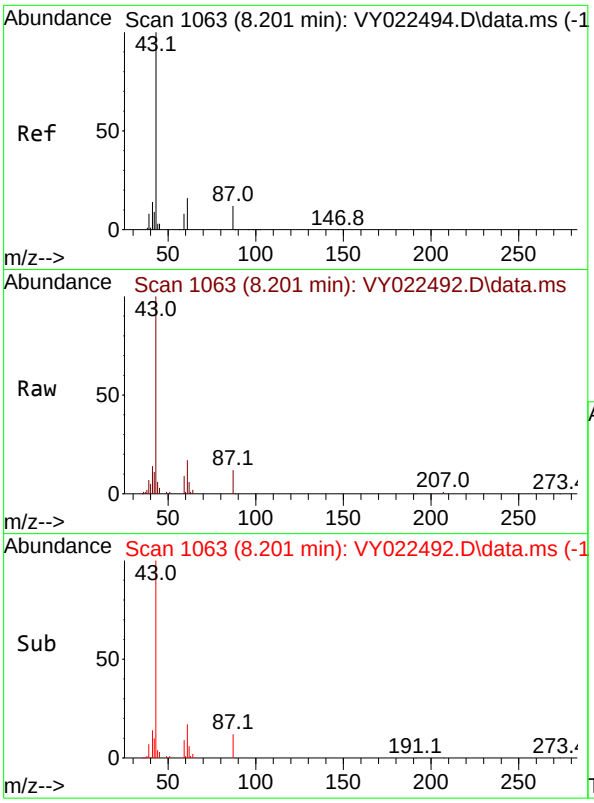


#42
1,2-Dichloroethane
Concen: 11.125 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 62 Resp: 31102

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



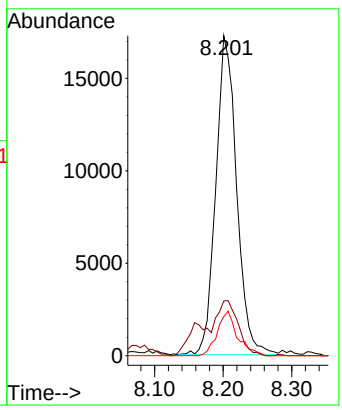


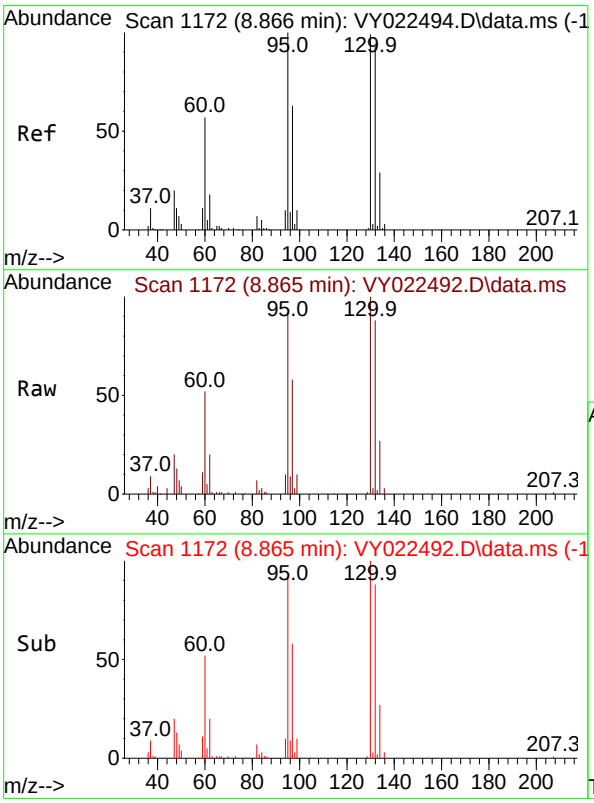
#43
Isopropyl Acetate
Concen: 10.859 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 36411

Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.6	23.4
87	13.4	10.2	15.4

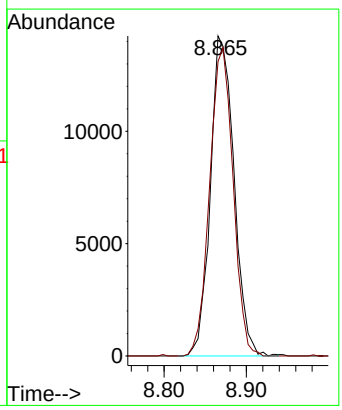


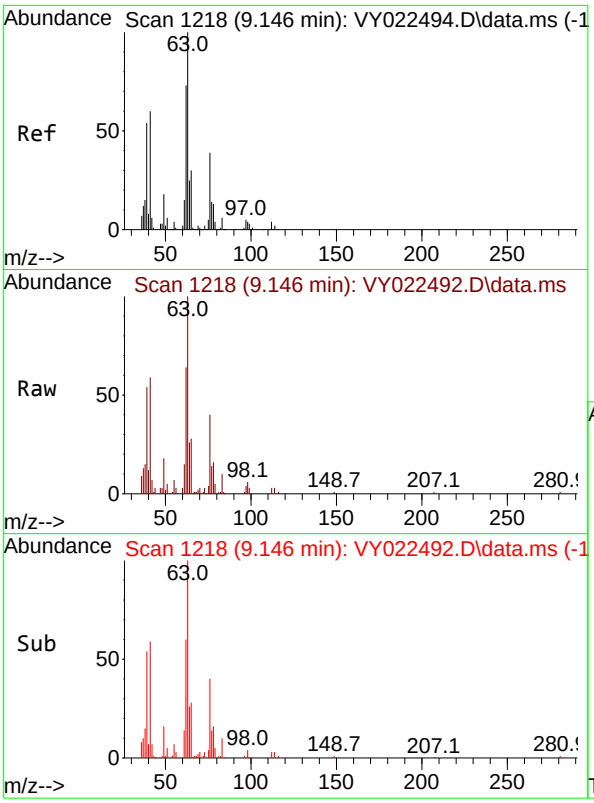


#44
Trichloroethene
Concen: 11.325 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:130 Resp: 28431

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	203.0



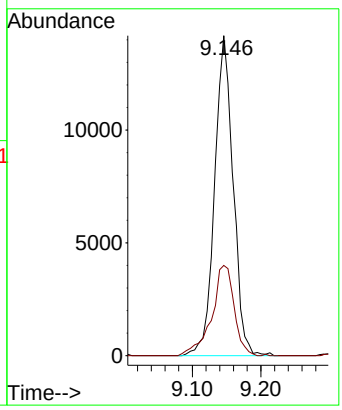


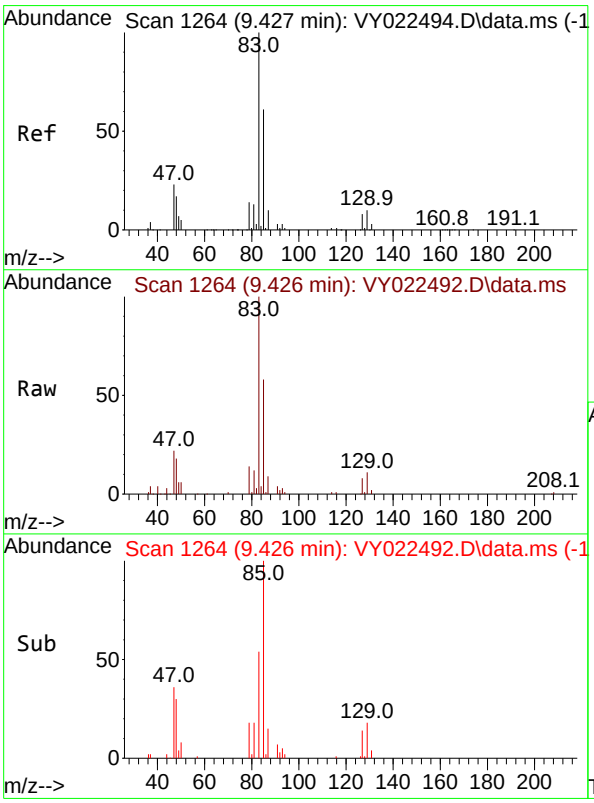
#45
1,2-Dichloropropane
Concen: 10.884 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 26665

Ion	Ratio	Lower	Upper
63	100		
65	28.2	24.0	36.0

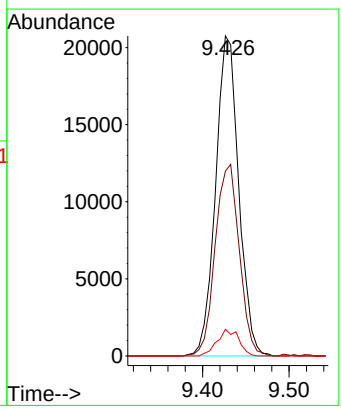


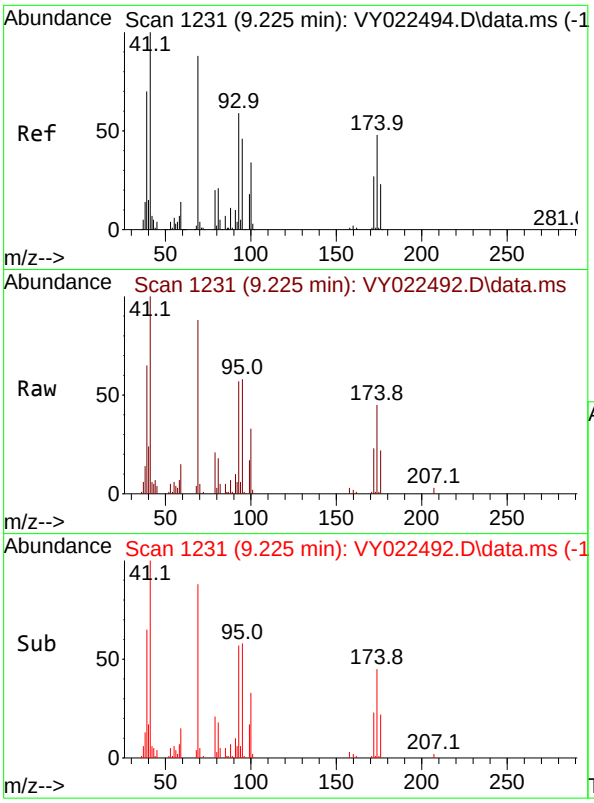


#47
Bromodichloromethane
Concen: 11.048 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 38475

Ion	Ratio	Lower	Upper
83	100		
85	57.8	49.1	73.7
127	8.4	6.2	9.4



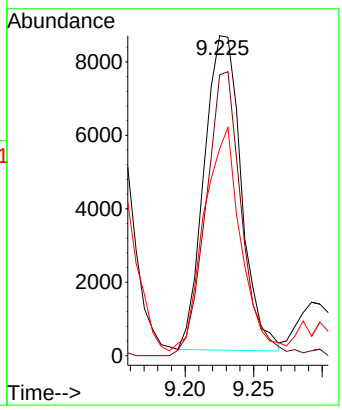


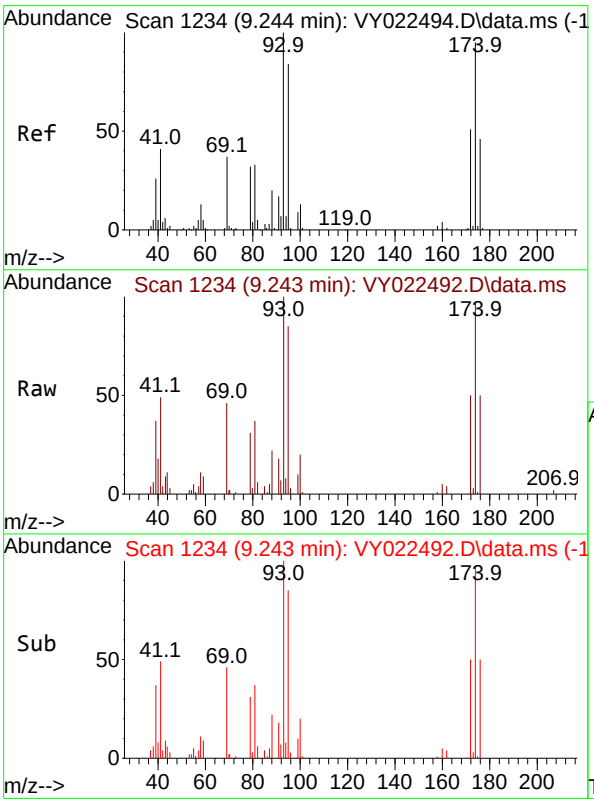
#48
Methyl methacrylate
Concen: 10.501 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 41 Resp: 16122

Ion	Ratio	Lower	Upper
41	100		
69	86.6	67.8	101.8
39	70.2	55.0	82.4

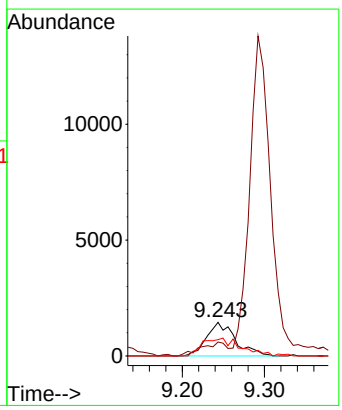


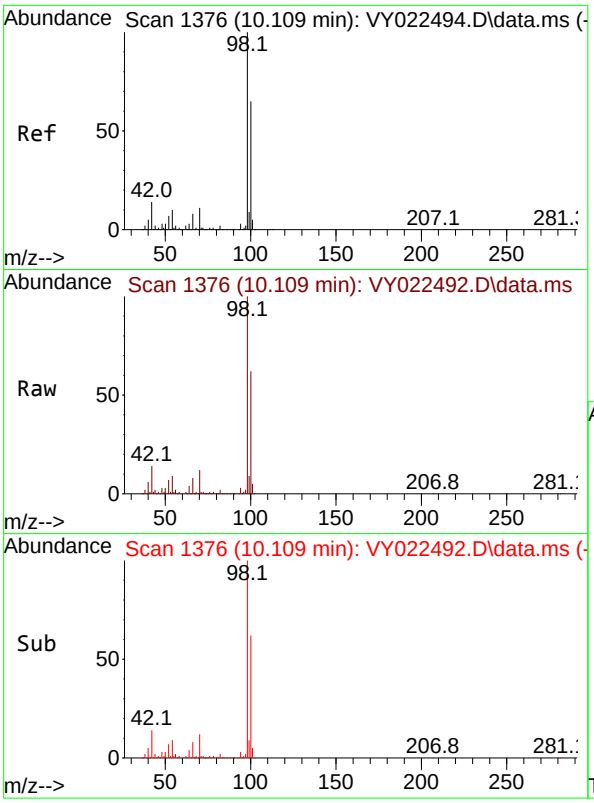


#49
1,4-Dioxane
Concen: 215.881 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 88 Resp: 3535

Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.4	38.2
58	69.8	54.9	82.3



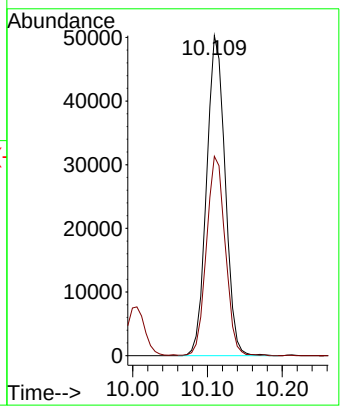


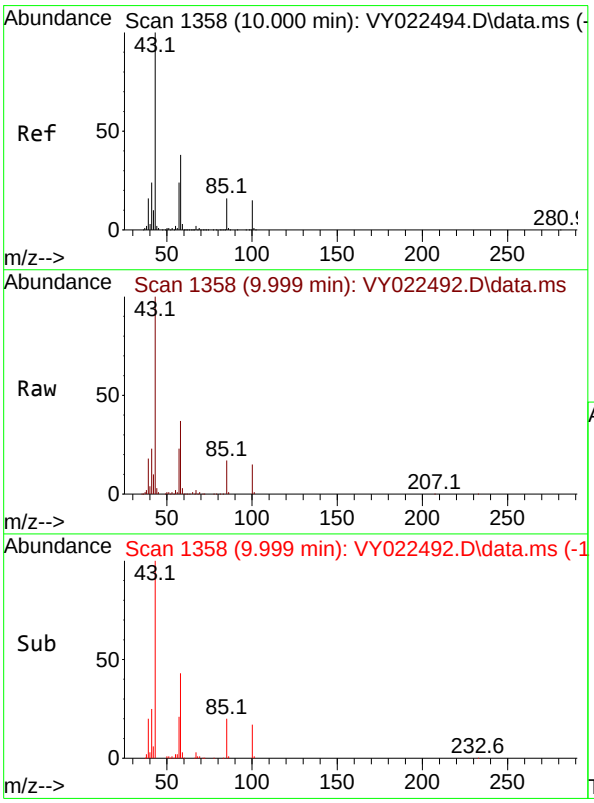
#50
Toluene-d8
Concen: 9.930 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 98 Resp: 86561

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.0

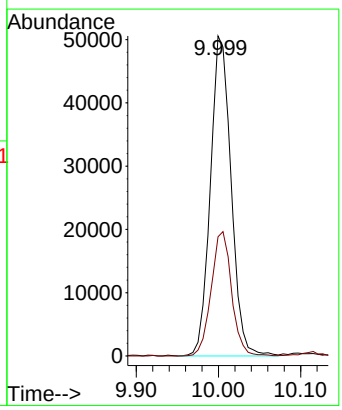


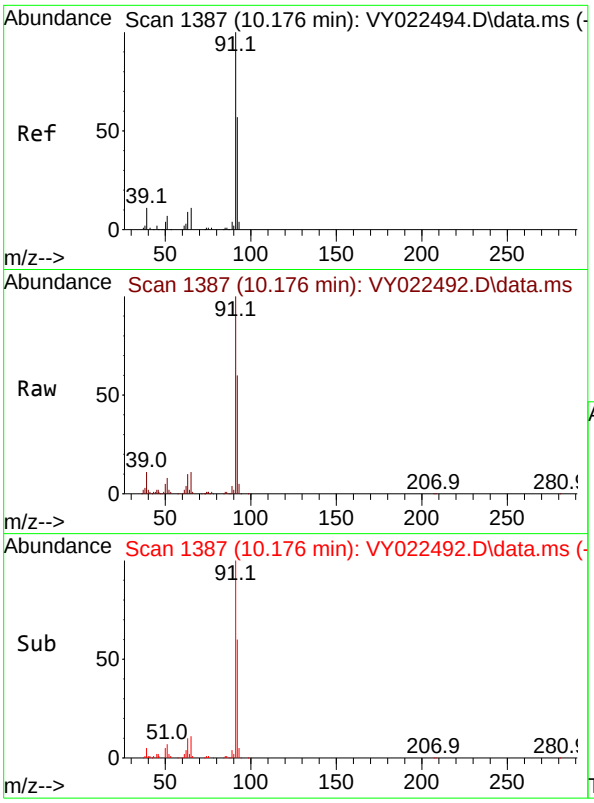


#51
4-Methyl-2-Pentanone
Concen: 53.259 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 88634

Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6



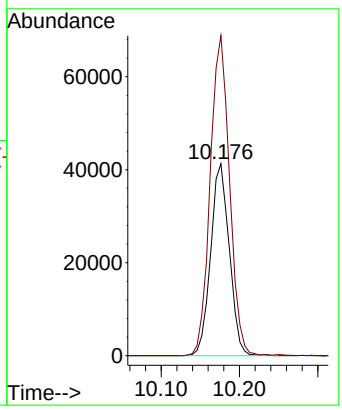


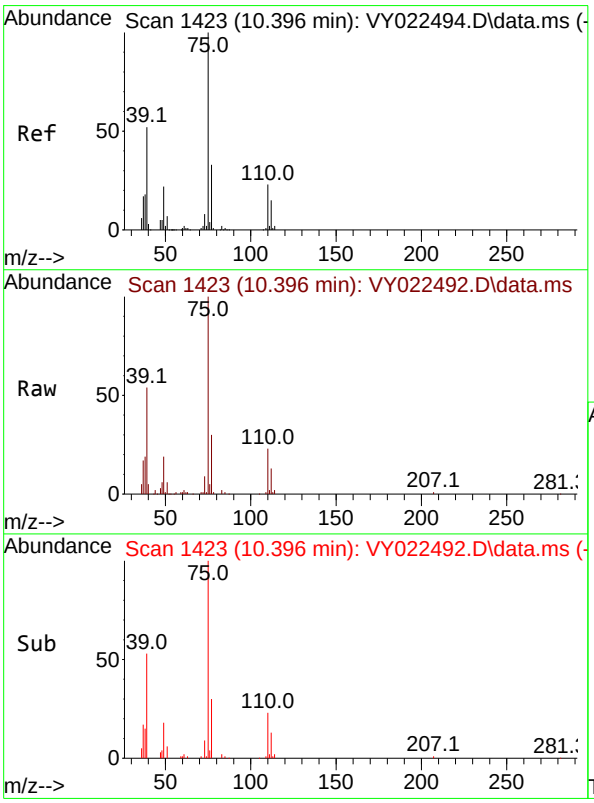
#52
Toluene
Concen: 10.565 ug/l
RT: 10.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 92 Resp: 68265

Ion	Ratio	Lower	Upper
92	100		
91	172.7	139.0	208.4

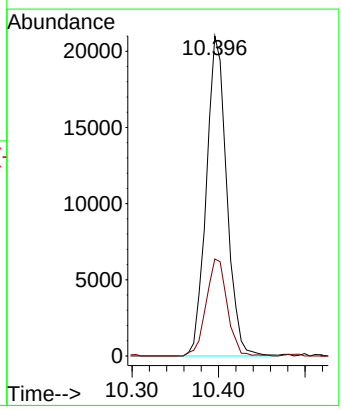


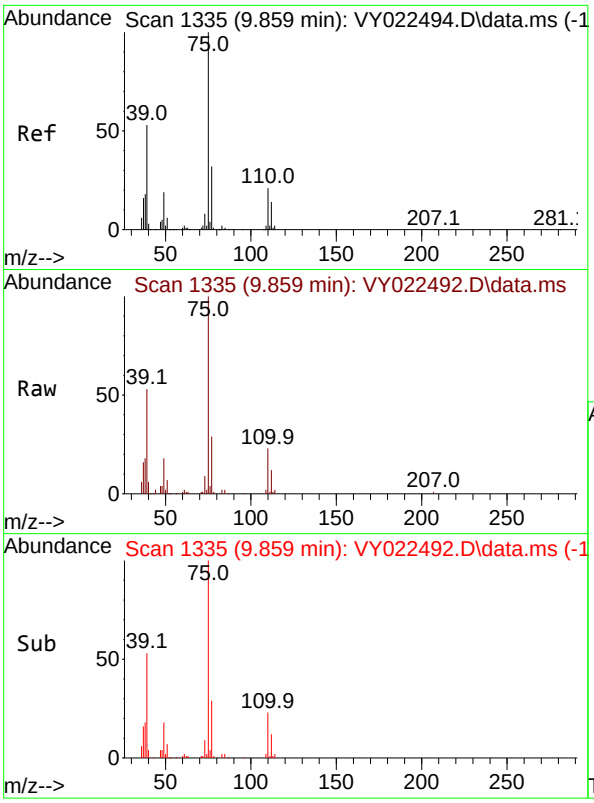


#53
t-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 34307

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.5	39.7



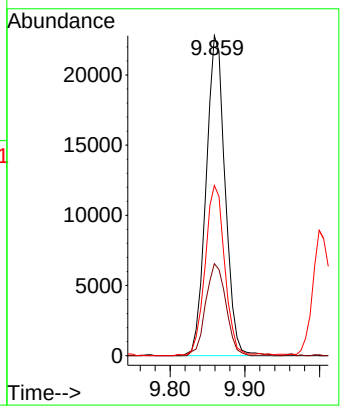


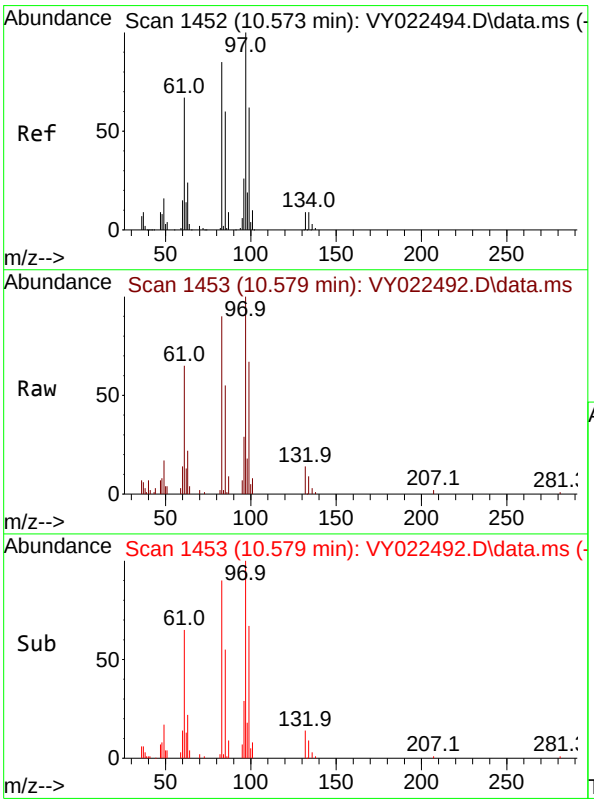
#54
cis-1,3-Dichloropropene
Concen: 10.649 ug/l
RT: 9.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 40229

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.3	37.9
39	52.8	42.7	64.1

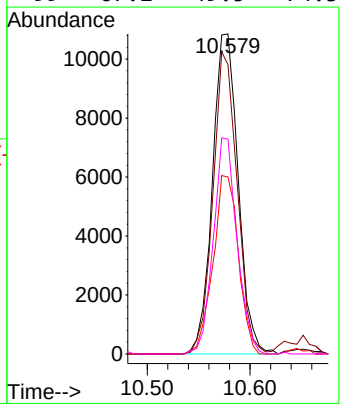


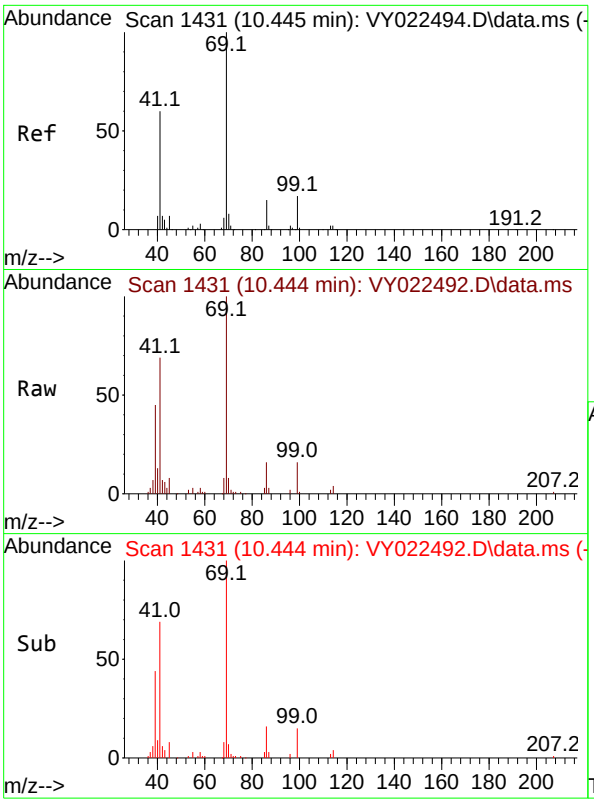


#55
1,1,2-Trichloroethane
Concen: 10.904 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 97 Resp: 18848

Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.1	102.1
85	55.3	48.2	72.2
99	67.2	49.5	74.3



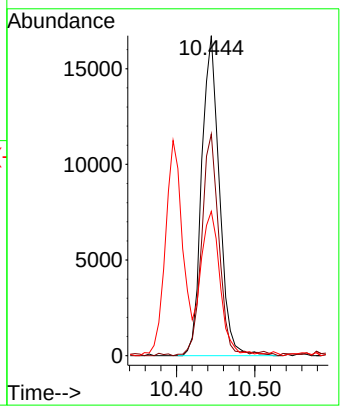


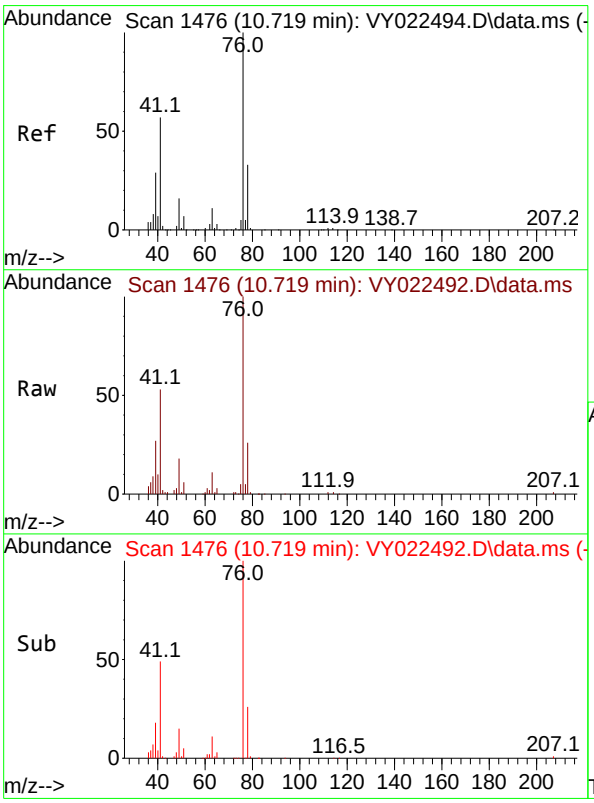
#56
Ethyl methacrylate
Concen: 10.426 ug/l
RT: 10.444 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 69 Resp: 26171

Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.2	78.2
39	47.9	36.7	55.1

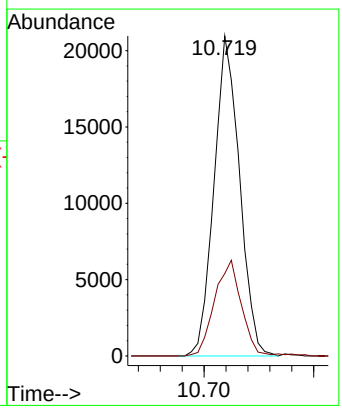


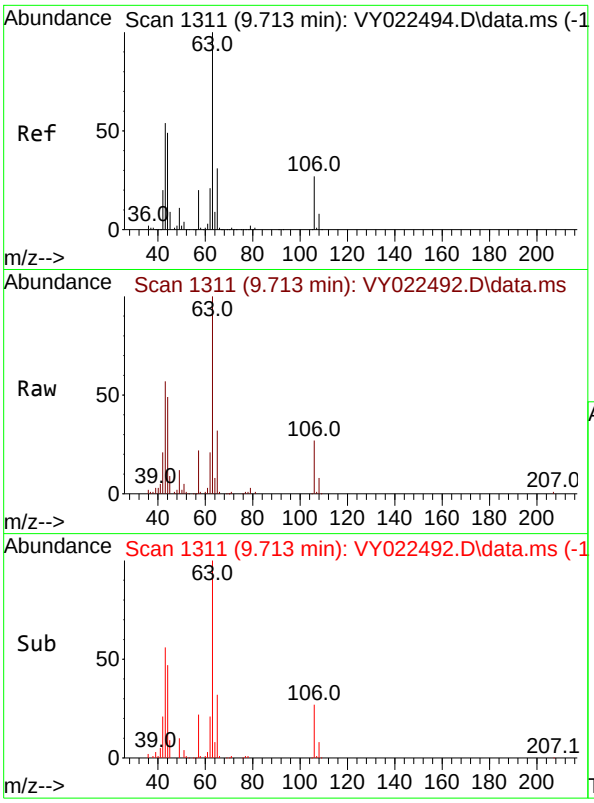


#57
1,3-Dichloropropane
Concen: 10.991 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 76 Resp: 33836

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8



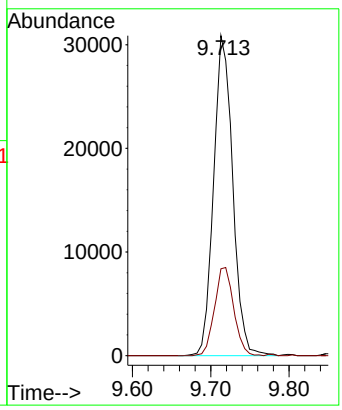


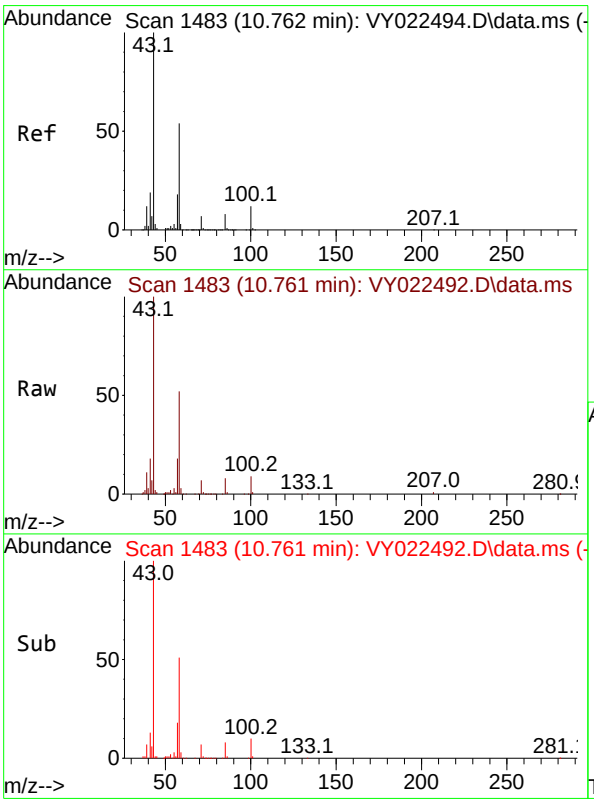
#58
2-Chloroethyl Vinyl ether
Concen: 46.819 ug/l
RT: 9.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 52396

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.6	32.4

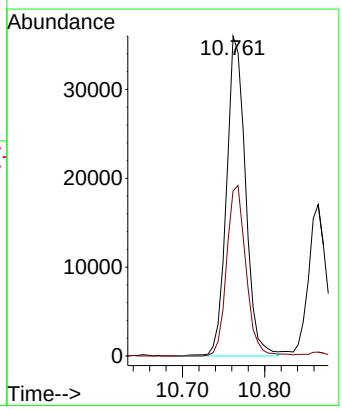


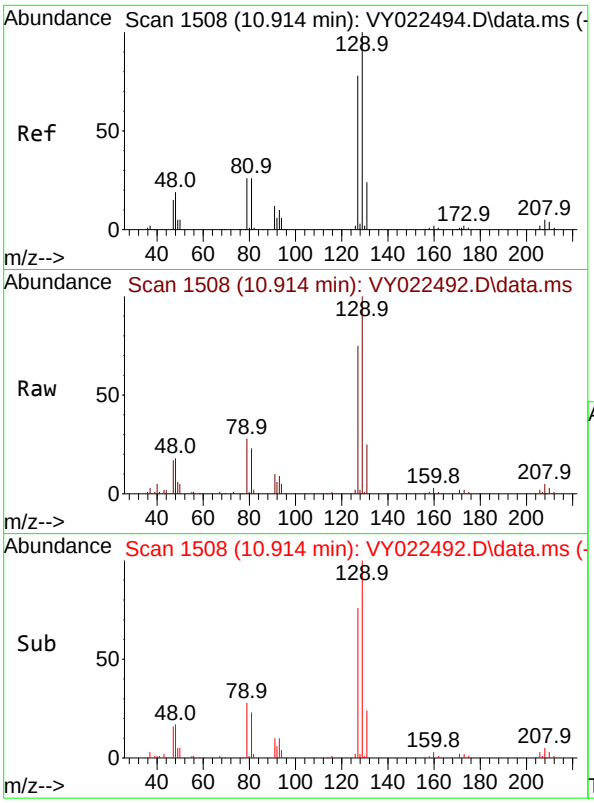


#59
2-Hexanone
Concen: 52.045 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 43 Resp: 57738

Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.3	81.8



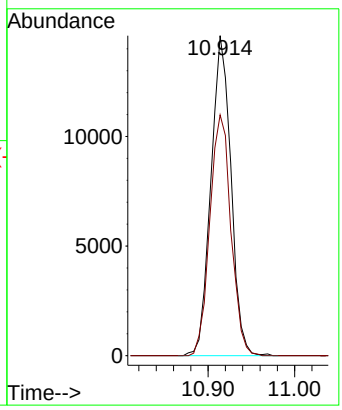


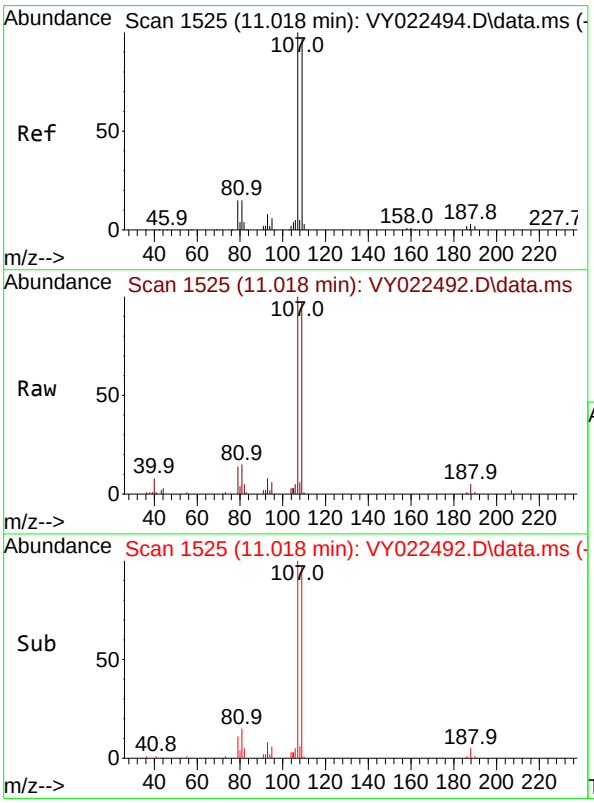
#60
Dibromochloromethane
Concen: 10.694 ug/l
RT: 10.914 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:129 Resp: 23423

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.2

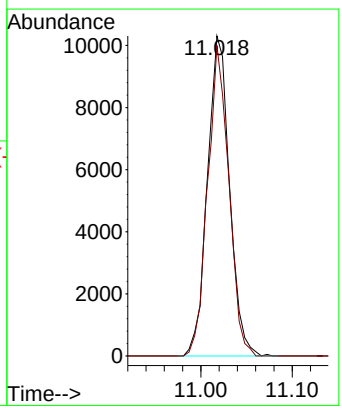


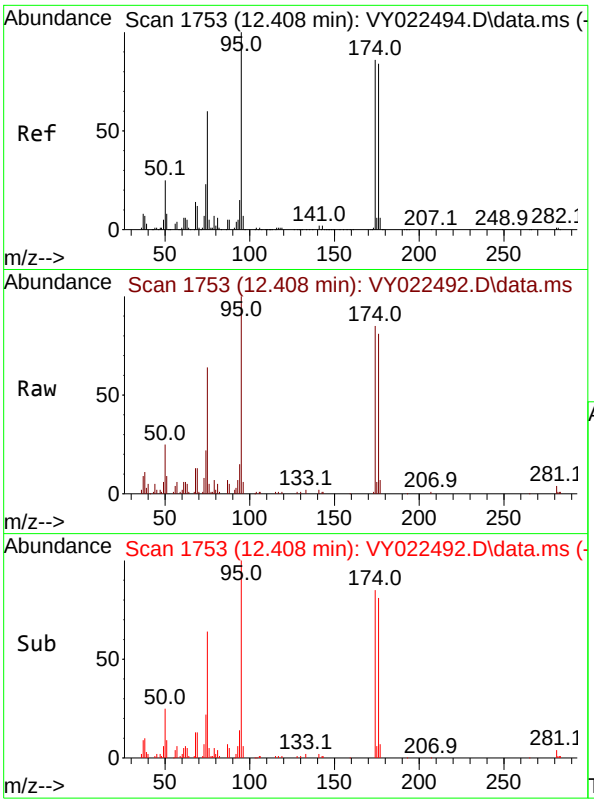


#61
1,2-Dibromoethane
Concen: 10.847 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:107 Resp: 17302

Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5



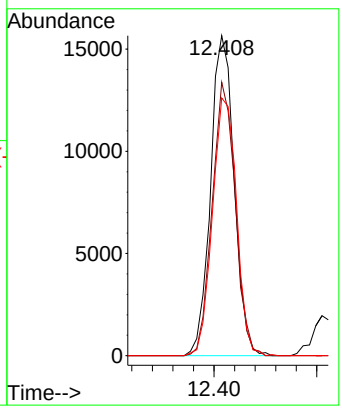


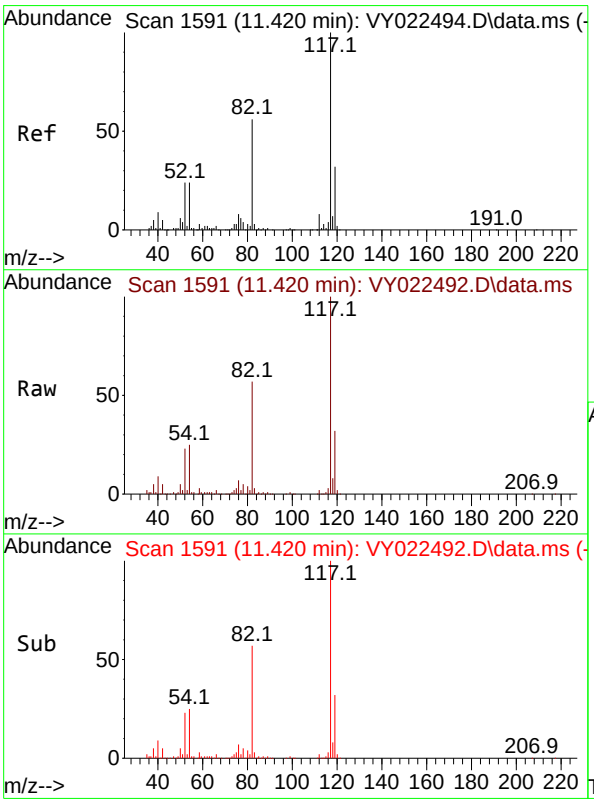
#62
4-Bromofluorobenzene
Concen: 9.409 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 95 Resp: 24870

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	170.0
176	82.2	0.0	166.2

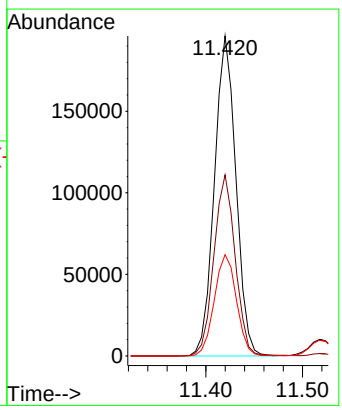


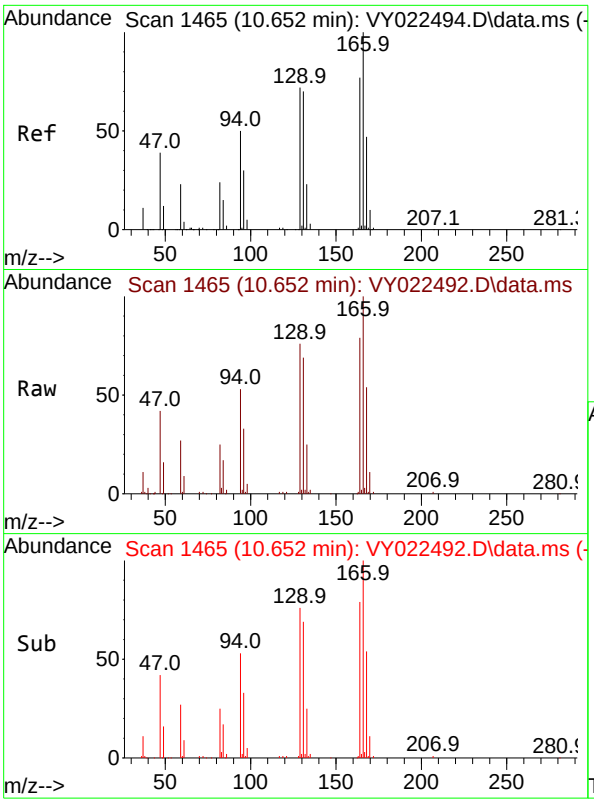


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:117 Resp: 302825

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	31.7	25.4	38.0



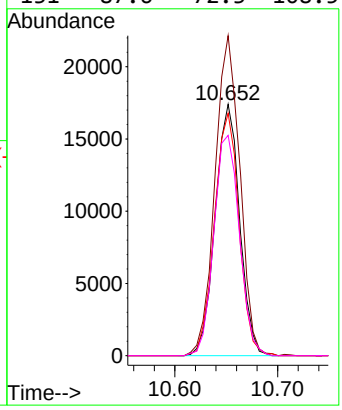


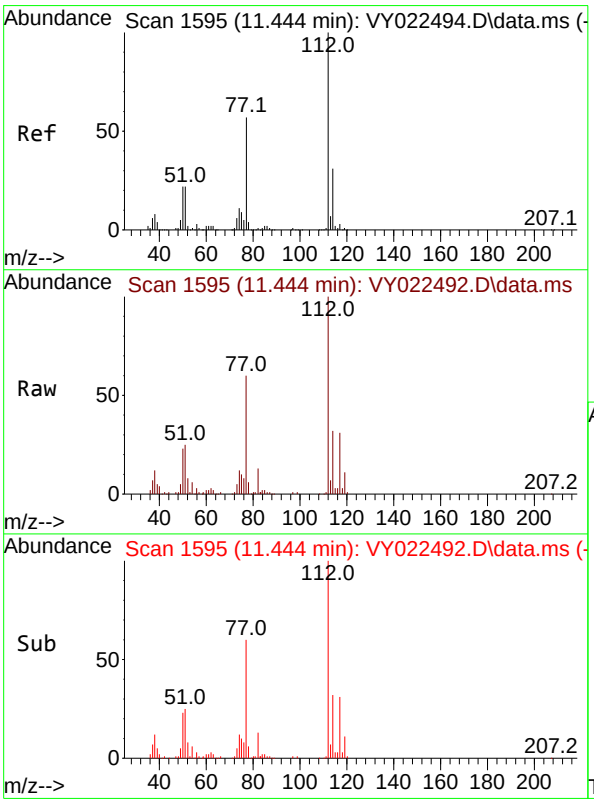
#64
Tetrachloroethene
Concen: 11.144 ug/l
RT: 10.652 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:164 Resp: 28680

Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	96.5	74.5	111.7
131	87.6	72.3	108.5

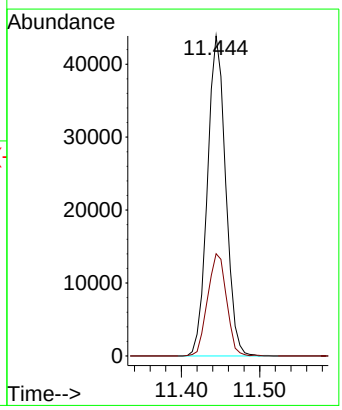


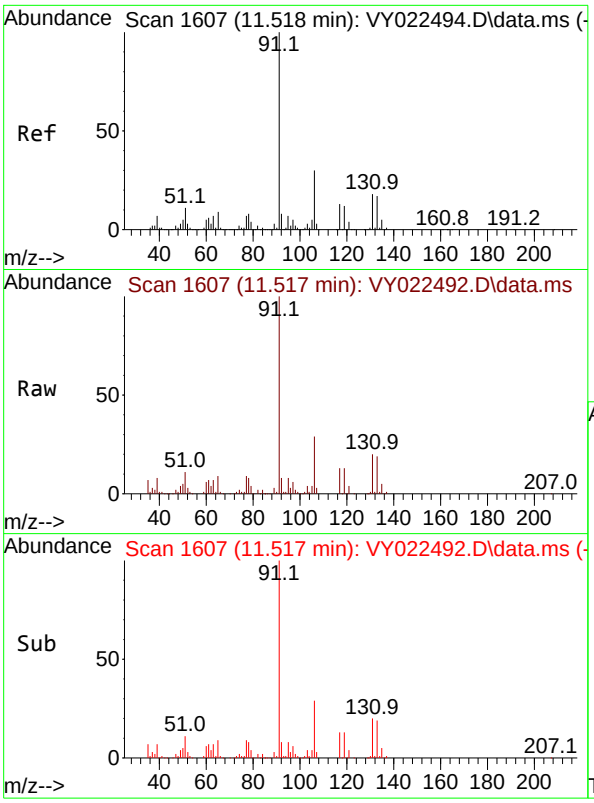


#65
Chlorobenzene
Concen: 10.789 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:112 Resp: 70845

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.0	37.6



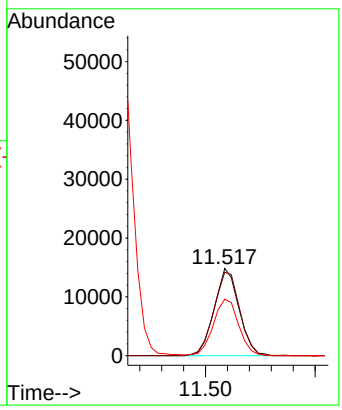


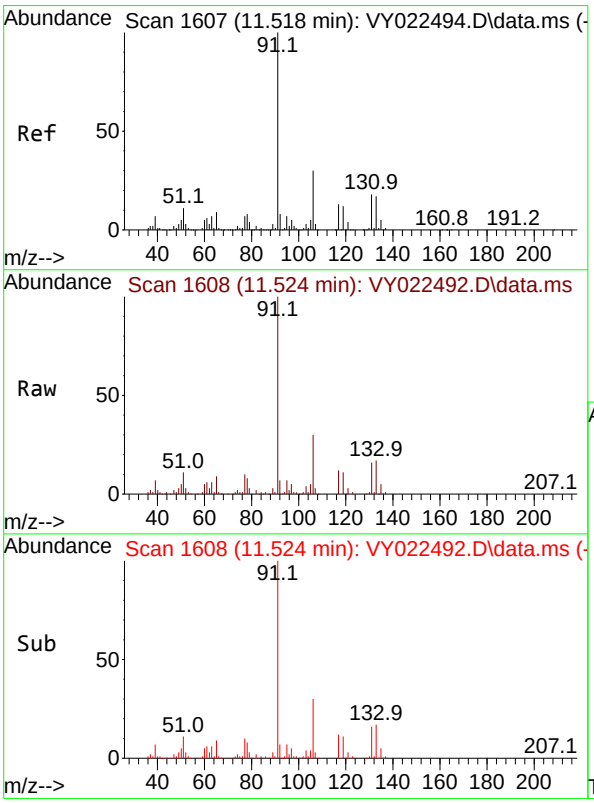
#66
1,1,1,2-Tetrachloroethane
Concen: 10.427 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 23209

Ion	Ratio	Lower	Upper
131	100		
133	100.5	47.3	141.8
119	66.5	33.1	99.3

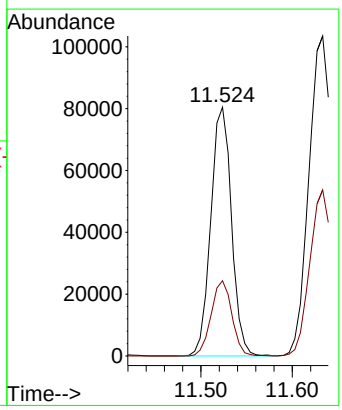


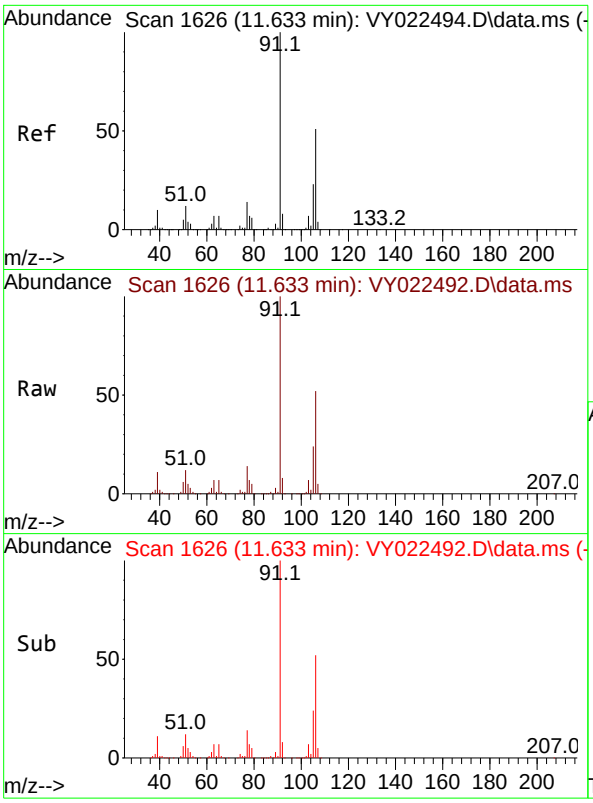


#67
Ethyl Benzene
Concen: 10.350 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 126556

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4



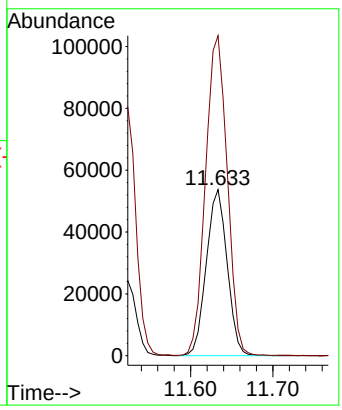


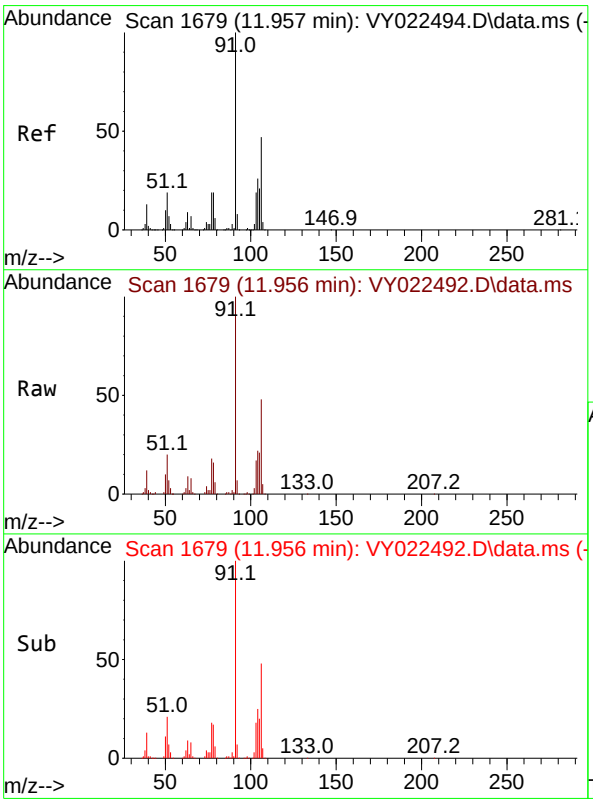
#68
m/p-Xylenes
Concen: 20.427 ug/l
RT: 11.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 94535

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0

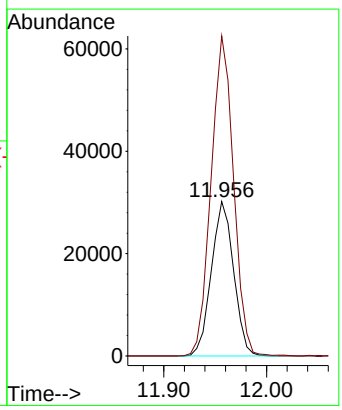


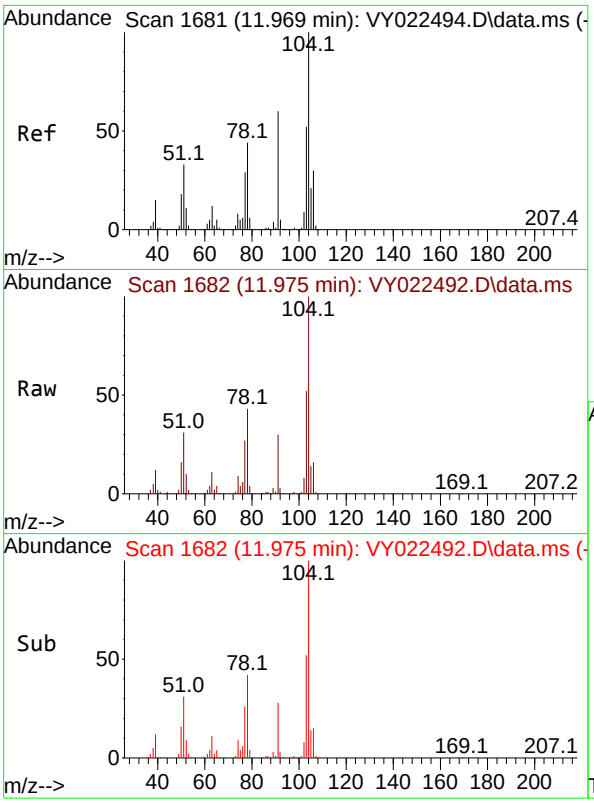


#69
o-Xylene
Concen: 10.476 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:106 Resp: 45374

Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.8	317.3



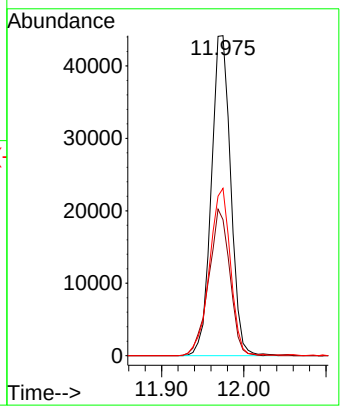


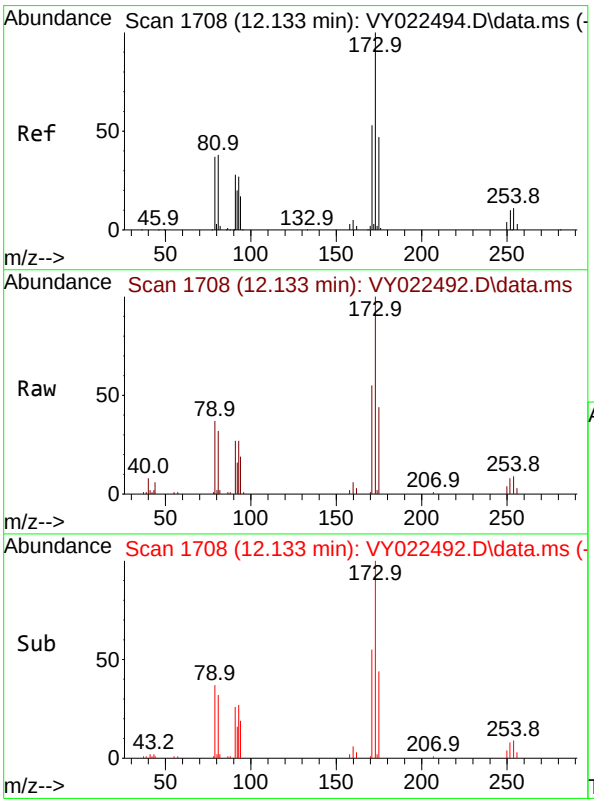
#70
Styrene
Concen: 10.092 ug/l
RT: 11.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 72373

Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.5	59.3
103	56.9	44.1	66.1

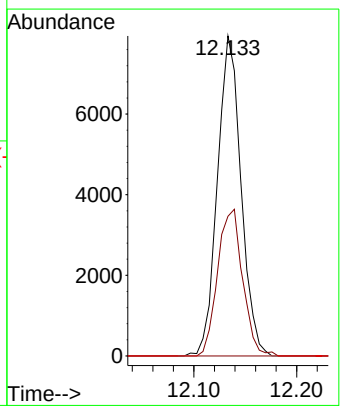


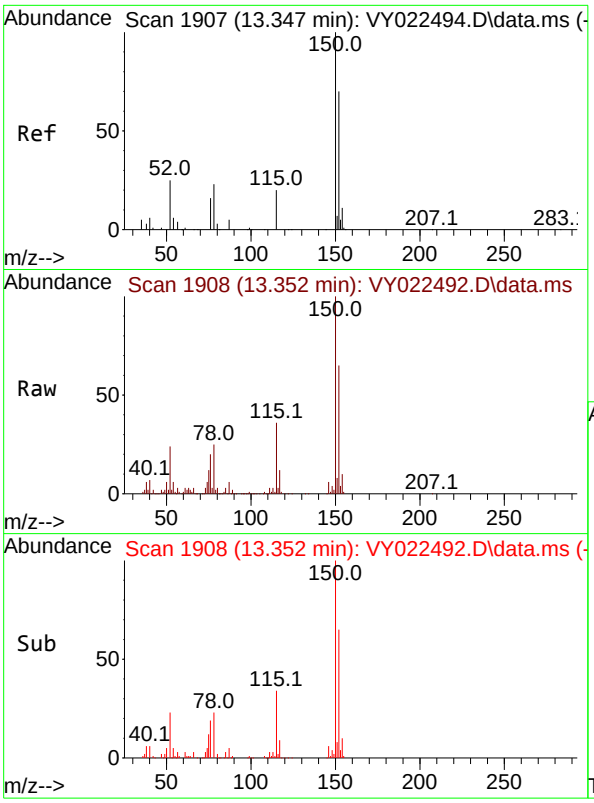


#71
Bromoform
Concen: 10.804 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:173 Resp: 12637

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.0	0.0	0.0



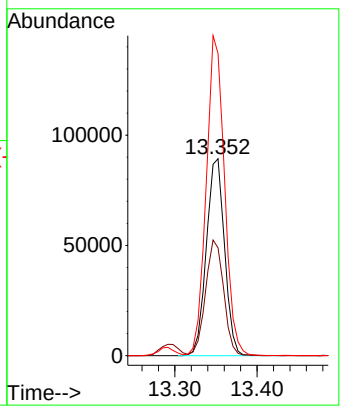


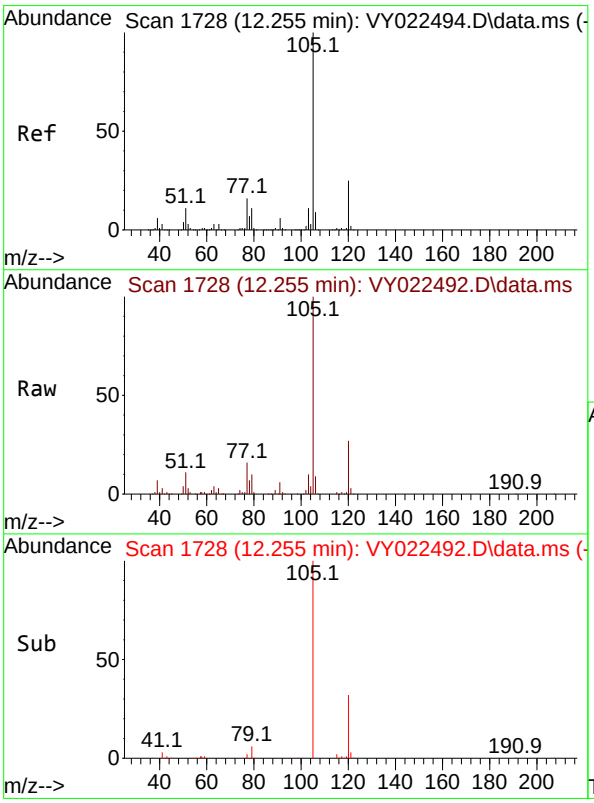
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:152 Resp: 137338

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.7
150	162.7	0.0	349.6

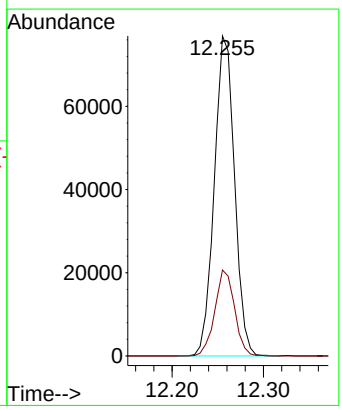


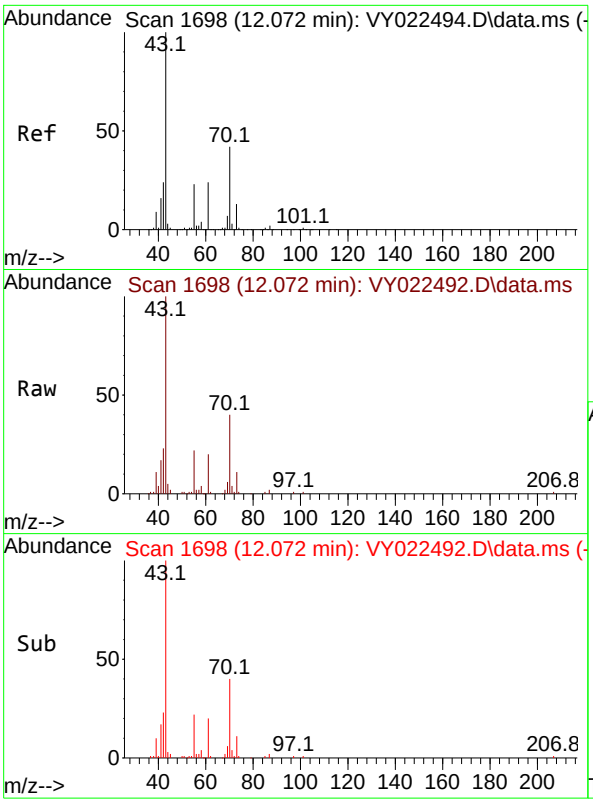


#73
Isopropylbenzene
Concen: 10.695 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 118344

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9



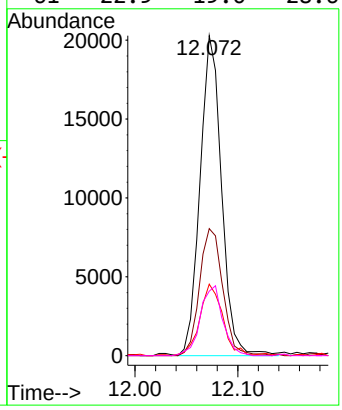


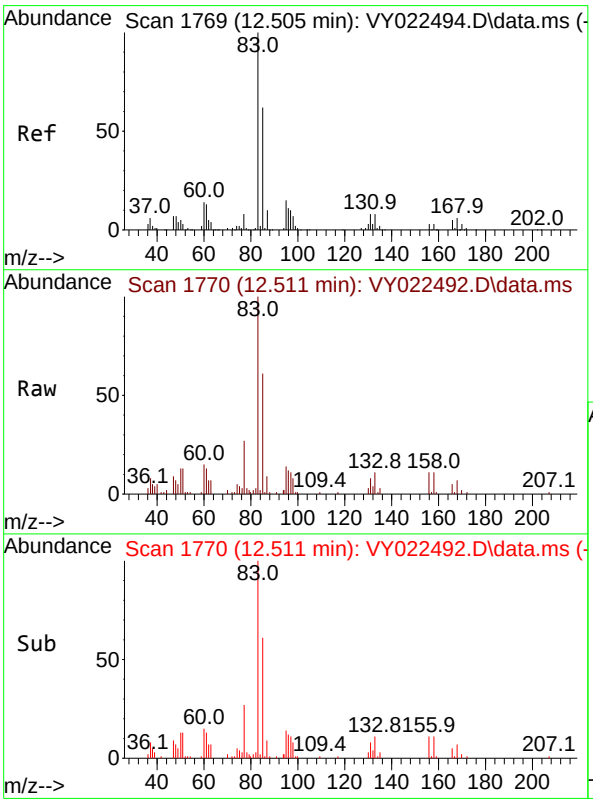
#74
N-amyl acetate
Concen: 10.581 ug/l
RT: 12.072 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 29609

Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.2	51.2
55	23.8	18.2	27.4
61	22.9	19.0	28.6

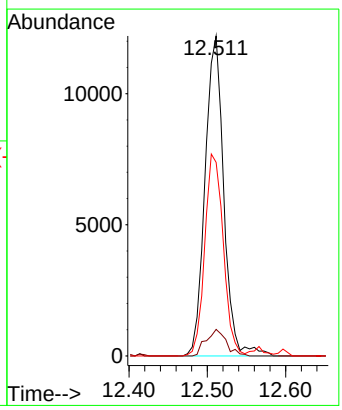


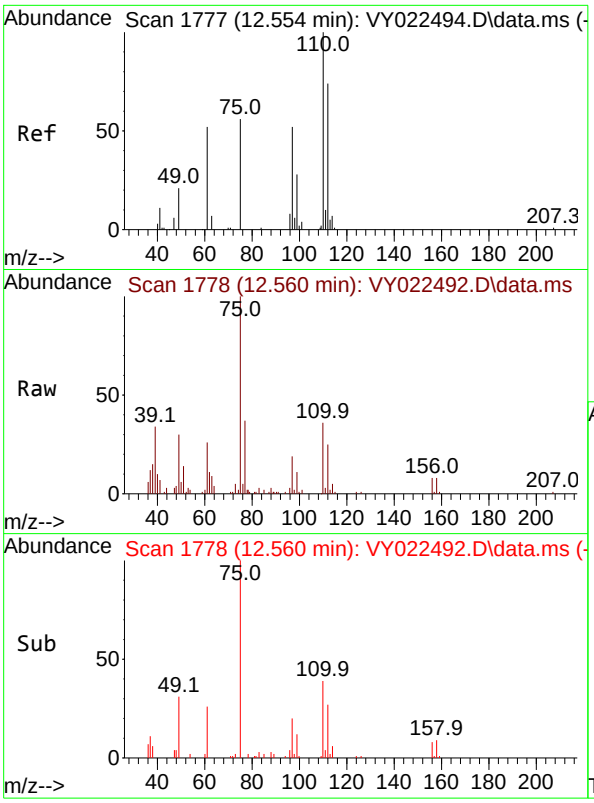


#75
1,1,2,2-Tetrachloroethane
Concen: 11.276 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 83 Resp: 20264

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.9	14.7
85	62.2	32.6	97.8



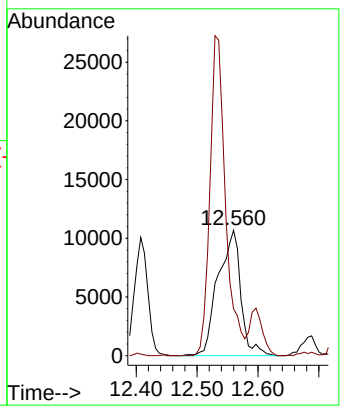


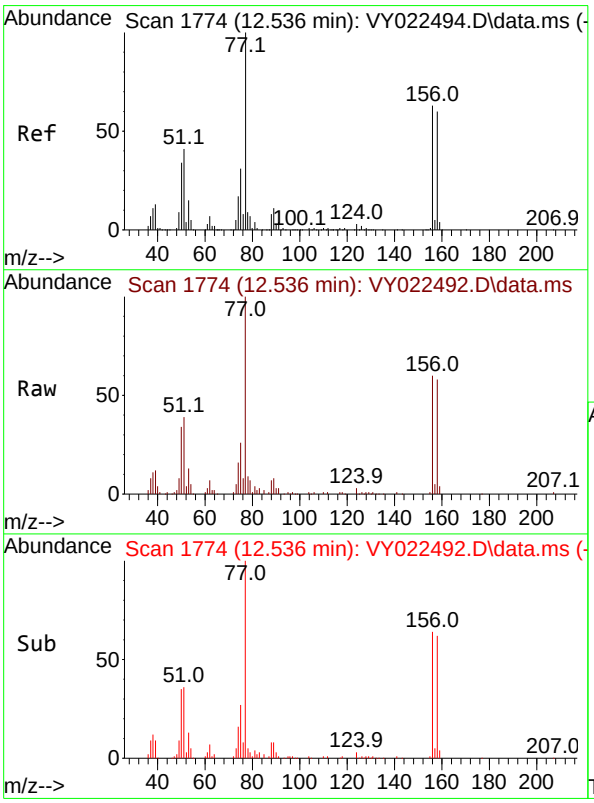
#76
1,2,3-Trichloropropane
Concen: 15.277 ug/l
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 27698

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

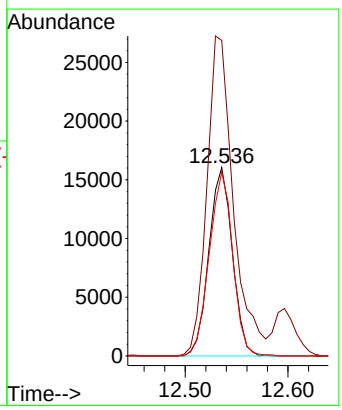


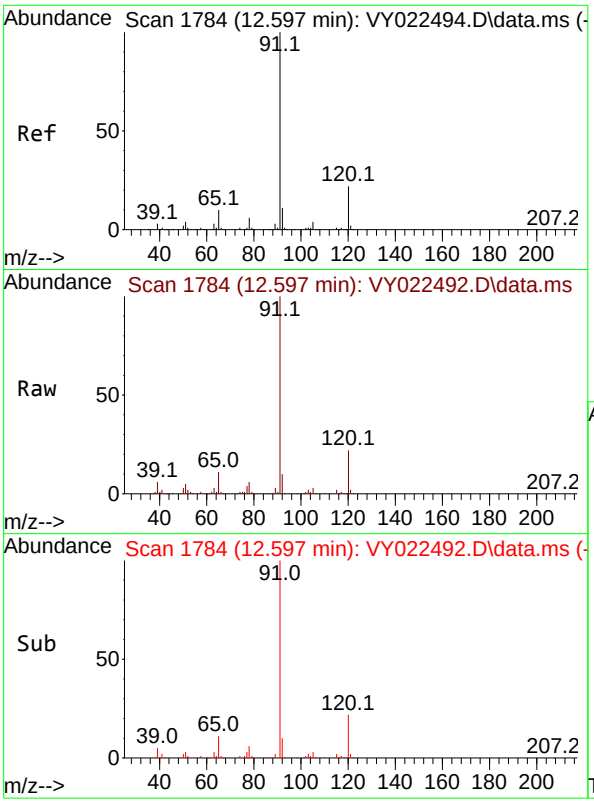


#77
Bromobenzene
Concen: 10.827 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:156 Resp: 25392

Ion	Ratio	Lower	Upper
156	100		
77	191.7	94.0	282.1
158	97.6	48.2	144.6



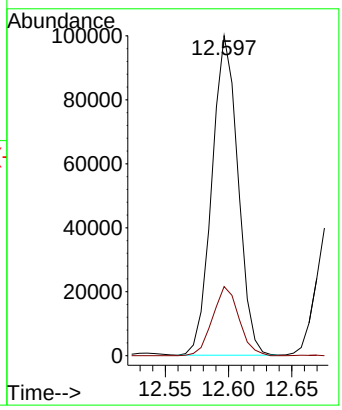


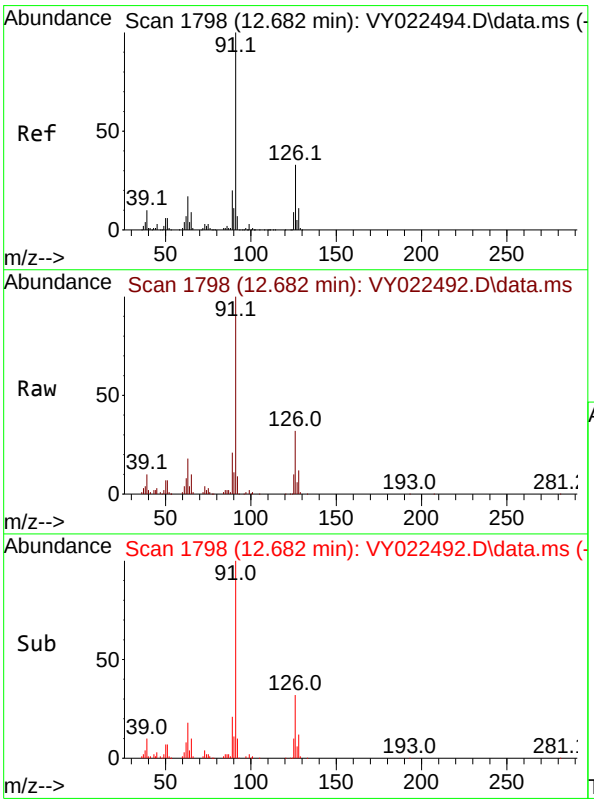
#78
n-propylbenzene
Concen: 10.648 ug/l
RT: 12.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 143414

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.4

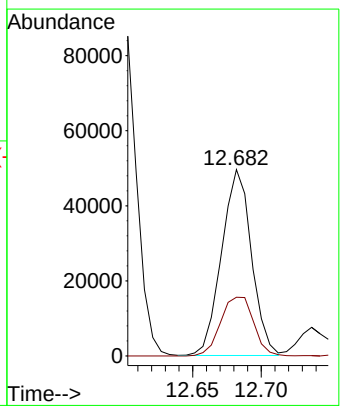


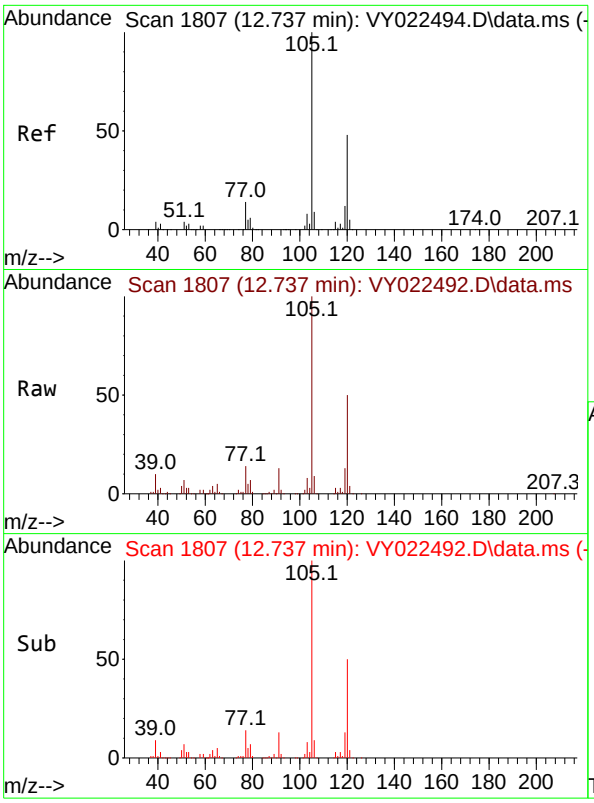


#79
2-Chlorotoluene
Concen: 10.591 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 75325

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.0	51.0



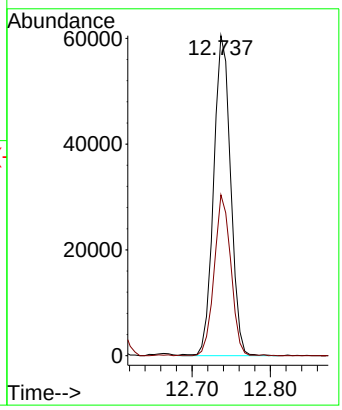


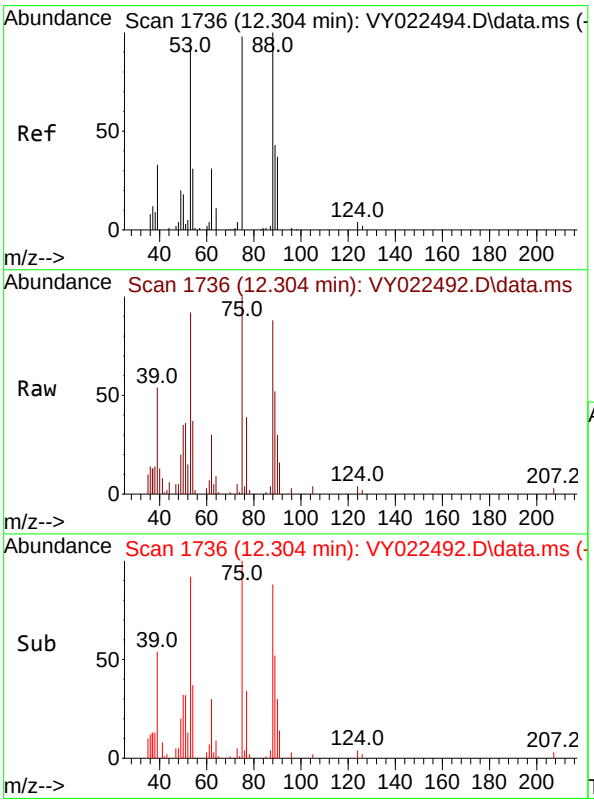
#80
1,3,5-Trimethylbenzene
Concen: 10.532 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 91121

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4

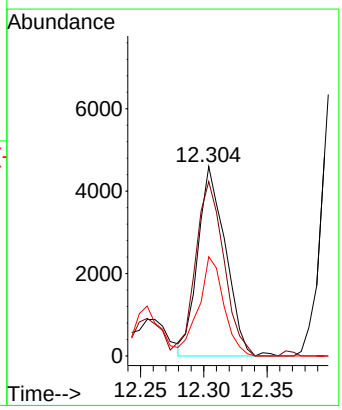


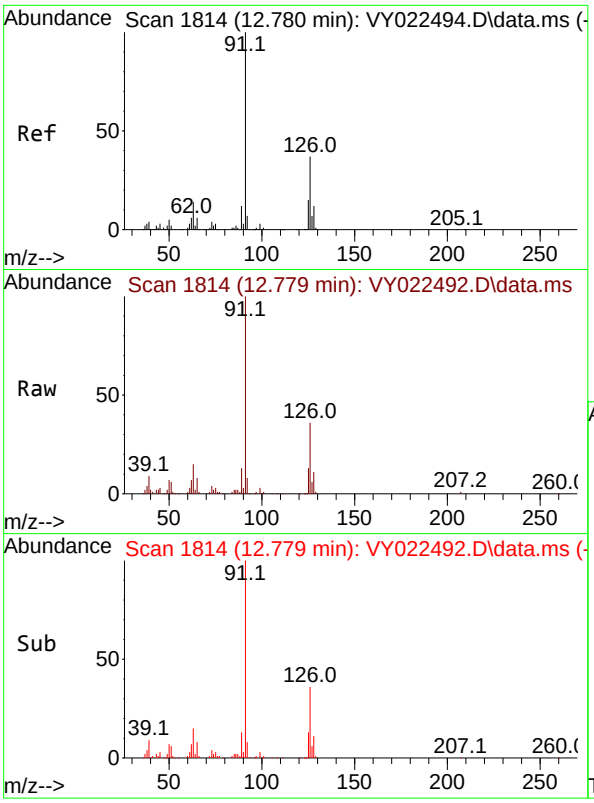


#81
trans-1,4-Dichloro-2-butene
Concen: 11.084 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 75 Resp: 7009

Ion	Ratio	Lower	Upper
75	100		
53	94.7	78.5	117.7
89	47.6	35.7	53.5



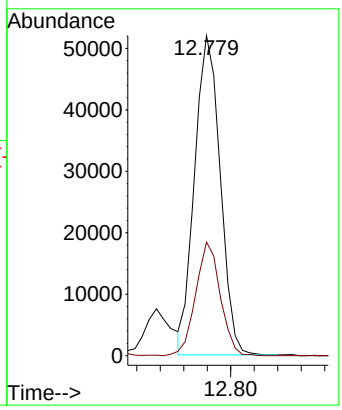


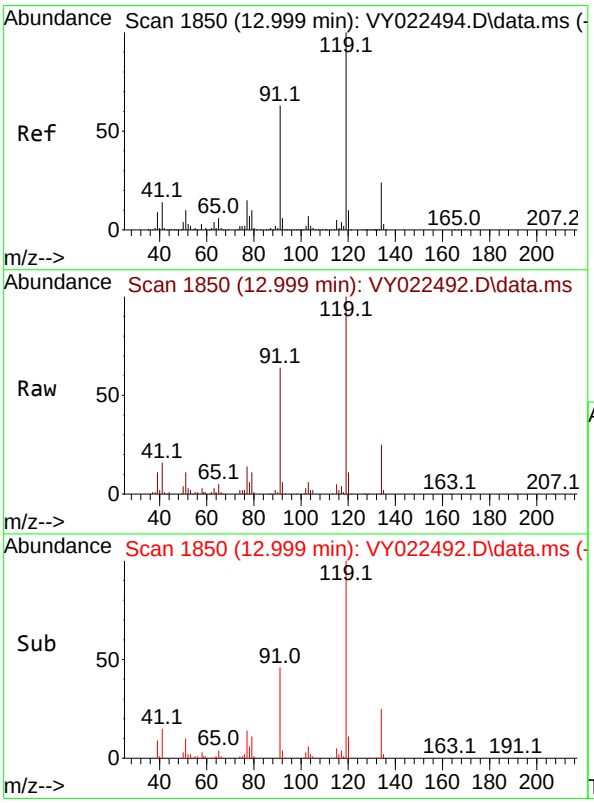
#82
4-Chlorotoluene
Concen: 10.676 ug/l
RT: 12.779 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 78689

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9

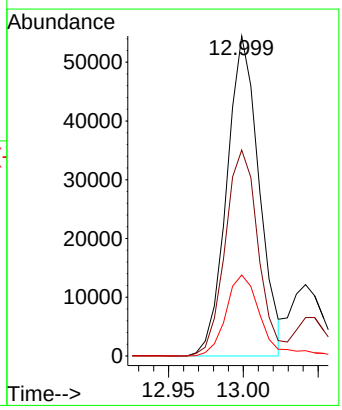


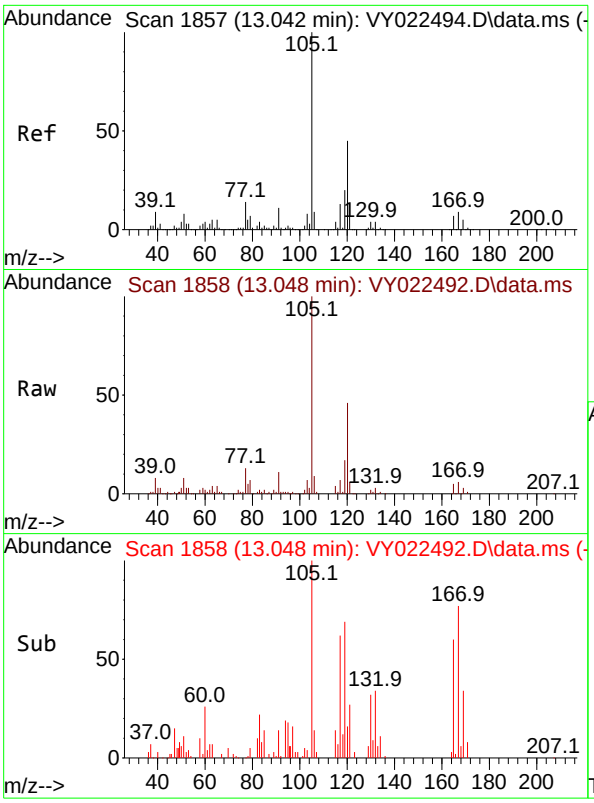


#83
tert-Butylbenzene
Concen: 10.367 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:119 Resp: 81823

Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.2	13.0	38.9



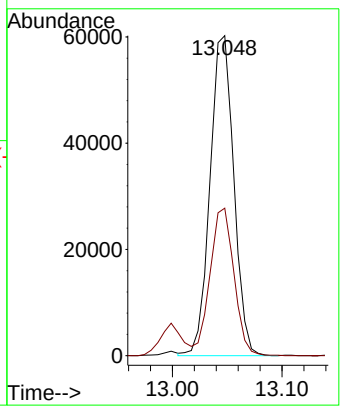


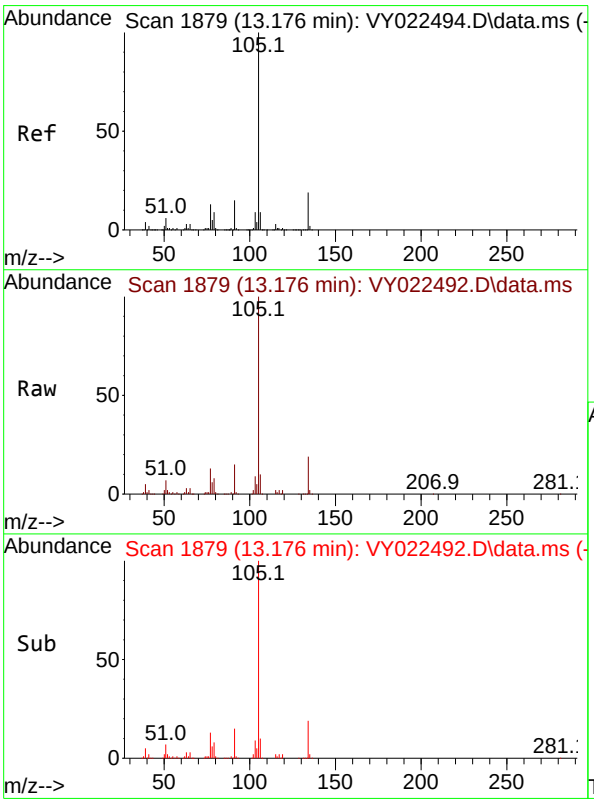
#84
1,2,4-Trimethylbenzene
Concen: 10.495 ug/l
RT: 13.048 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 90848

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1

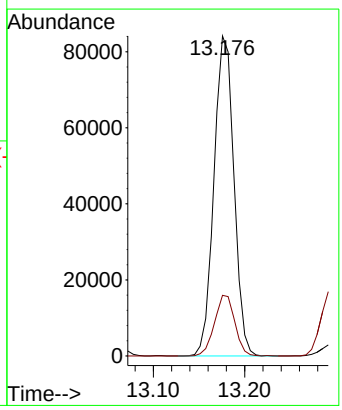


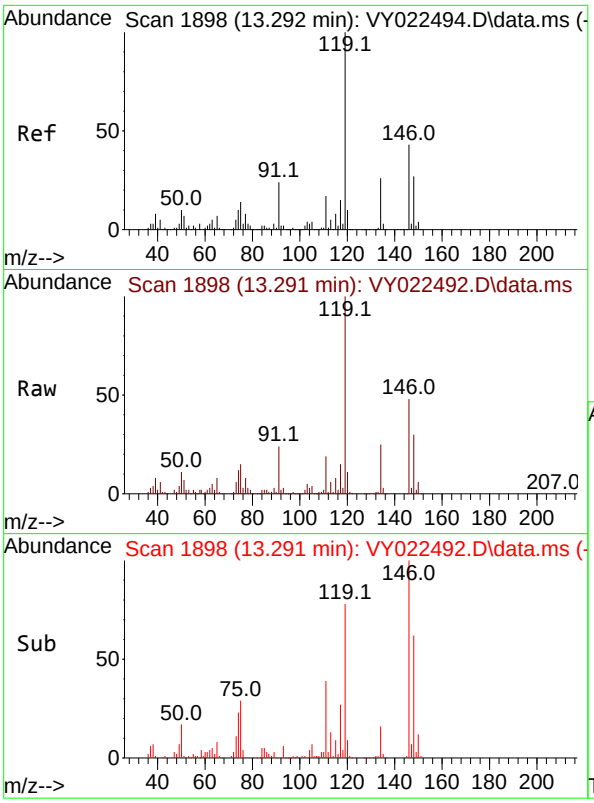


#85
sec-Butylbenzene
Concen: 10.678 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:105 Resp: 127776

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9



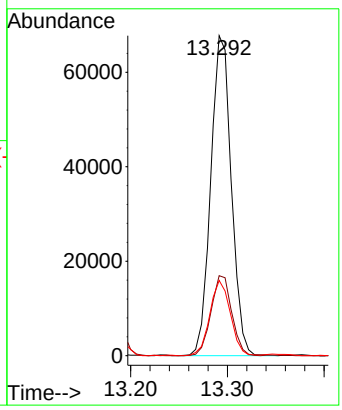


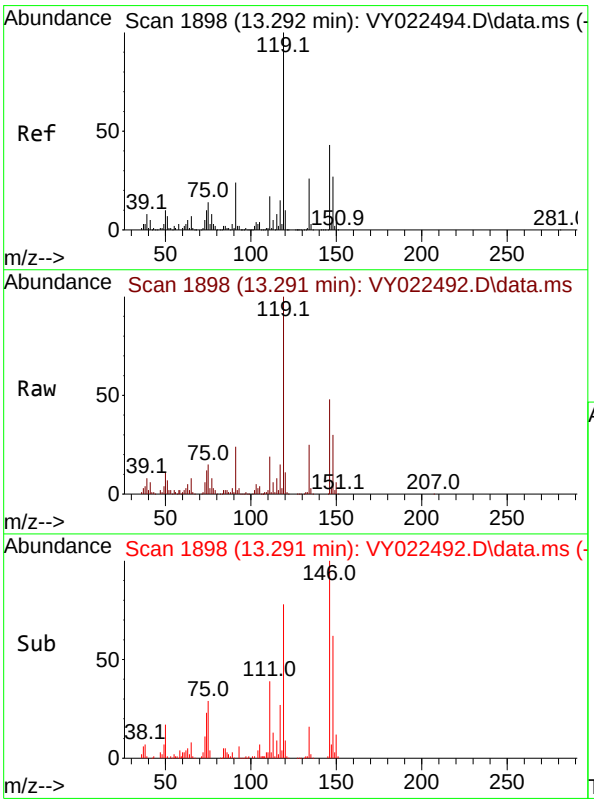
#86
p-Isopropyltoluene
Concen: 10.158 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 99940

Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.1
91	23.5	11.6	34.8

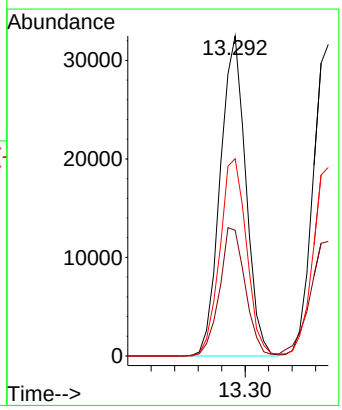


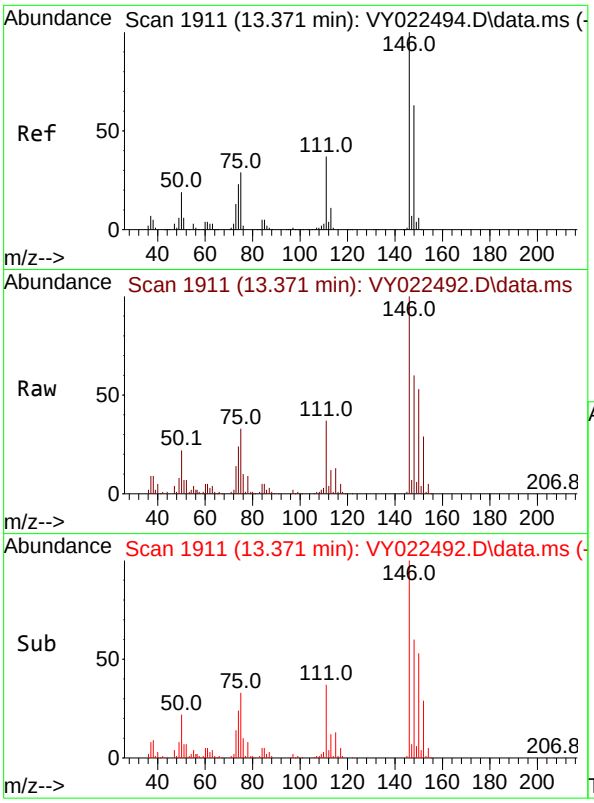


#87
1,3-Dichlorobenzene
Concen: 10.437 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 48971

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.6	32.1	96.3



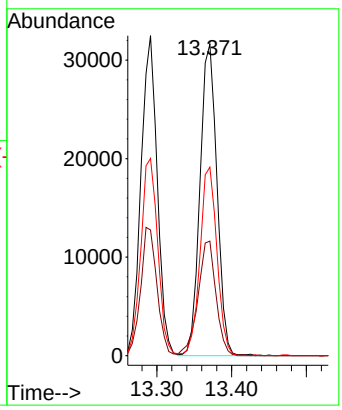


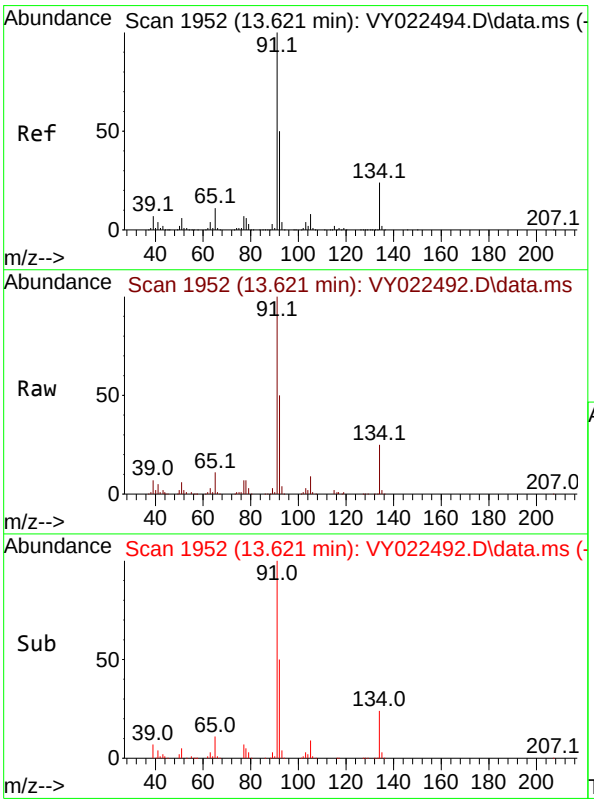
#88
1,4-Dichlorobenzene
Concen: 10.900 ug/l
RT: 13.371 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 49834

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	60.6	31.6	94.8

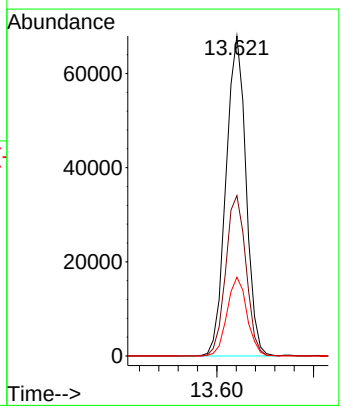


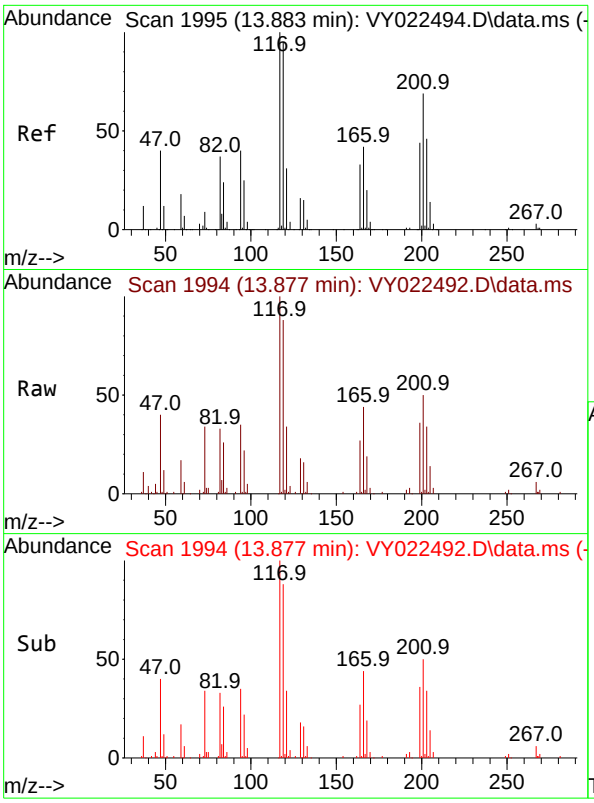


#89
n-Butylbenzene
Concen: 10.413 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion: 91 Resp: 97544

Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	24.6	12.0	36.1



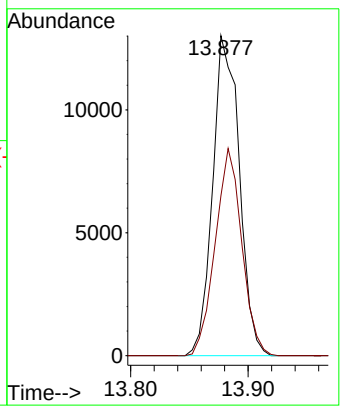


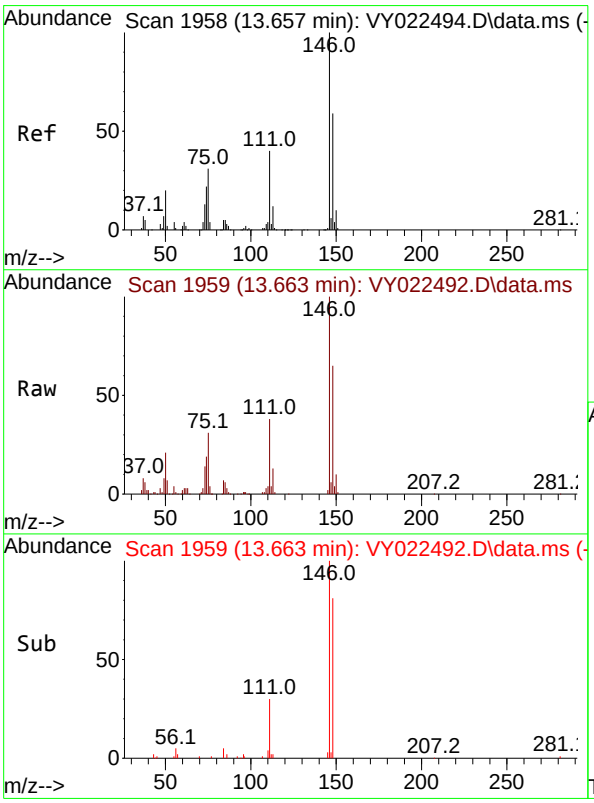
#90
Hexachloroethane
Concen: 10.631 ug/l
RT: 13.877 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 20466

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0

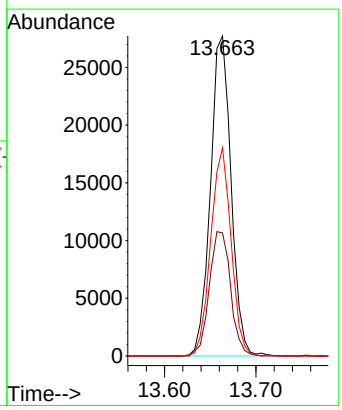


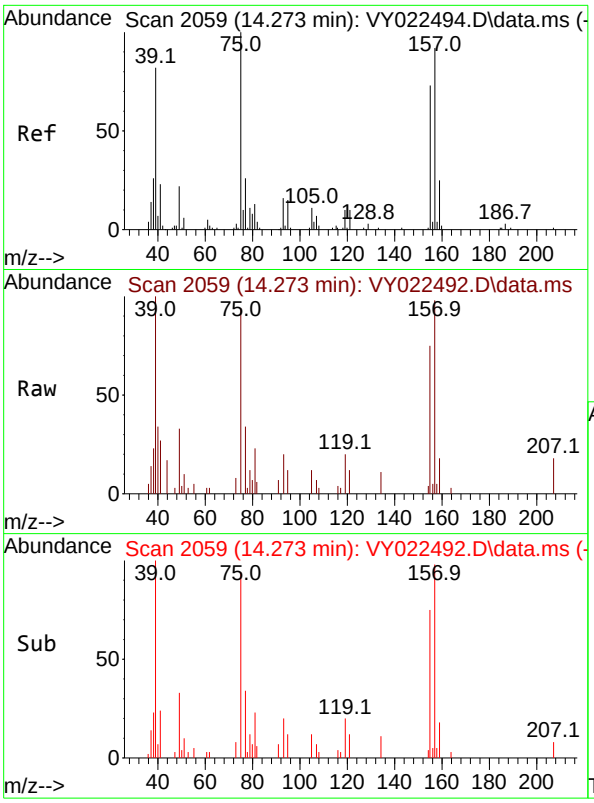


#91
1,2-Dichlorobenzene
Concen: 10.781 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:146 Resp: 43460

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	64.0	31.4	94.0



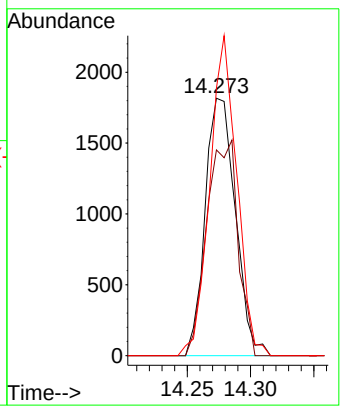


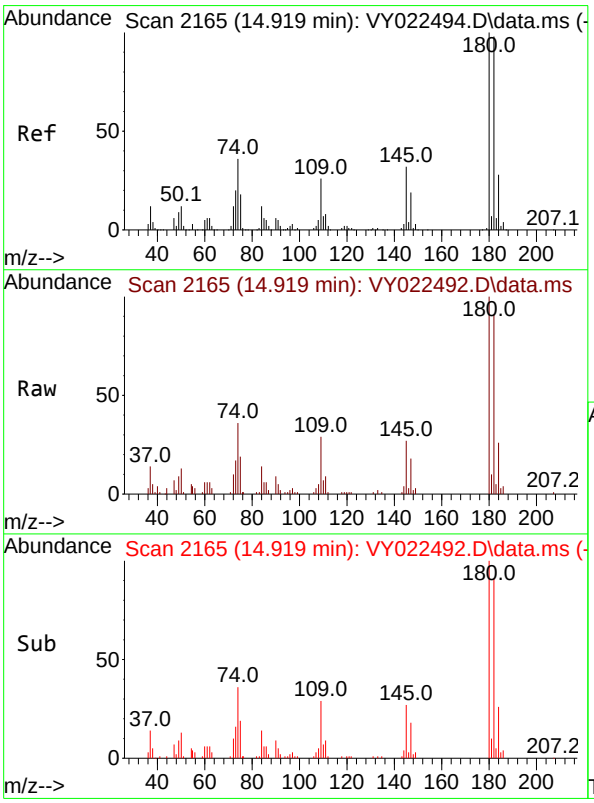
#92
1,2-Dibromo-3-Chloropropane
Concen: 11.095 ug/l
RT: 14.273 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 3014

Ion	Ratio	Lower	Upper
75	100		
155	86.2	39.9	119.6
157	111.3	54.0	162.0

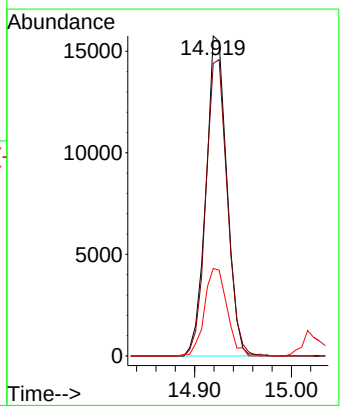


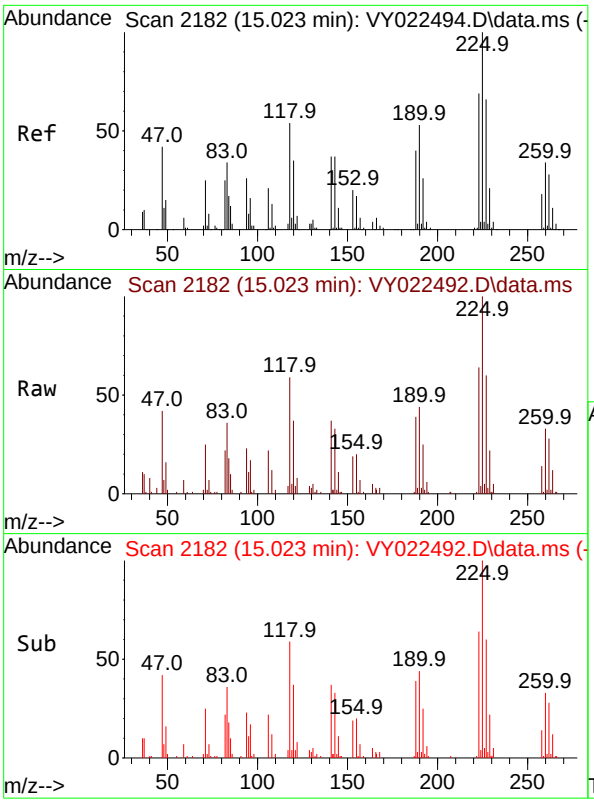


#93
1,2,4-Trichlorobenzene
Concen: 10.760 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:180 Resp: 23710

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.3
145	29.5	15.5	46.5



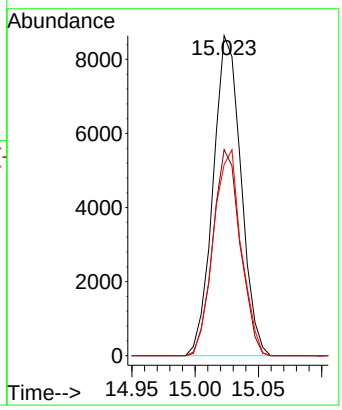


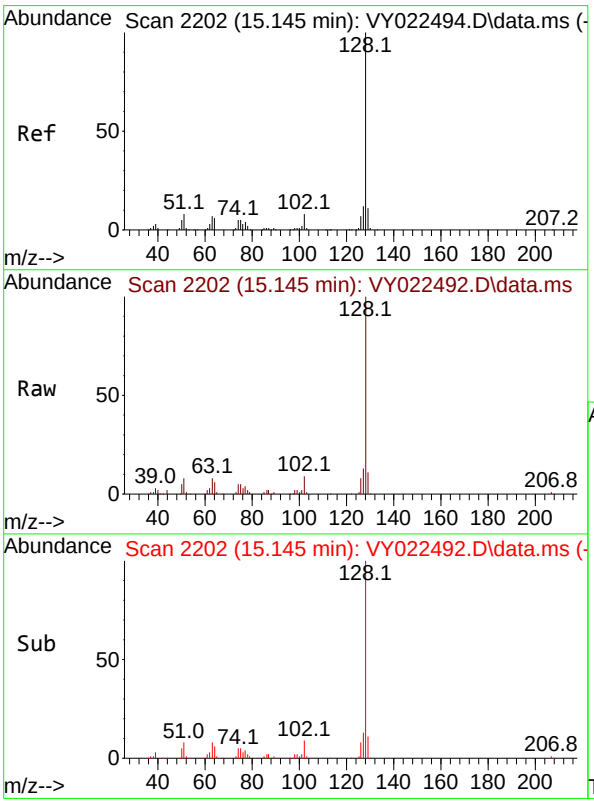
#94
Hexachlorobutadiene
Concen: 10.951 ug/l
RT: 15.023 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:225 Resp: 13179

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	64.7	32.3	96.9

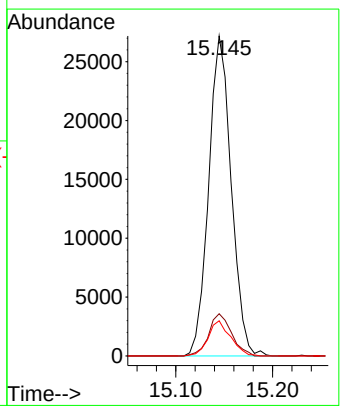


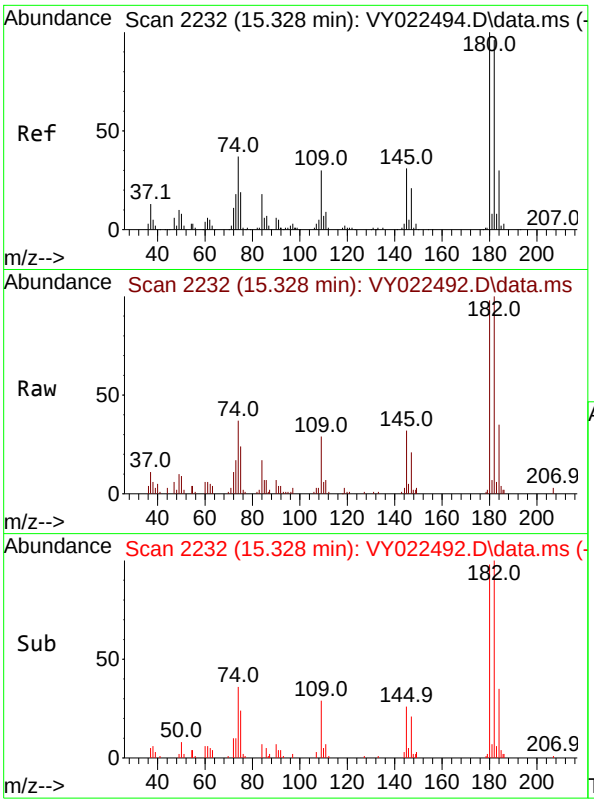


#95
Naphthalene
Concen: 10.434 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Tgt Ion:128 Resp: 44061

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.9	8.9	13.3



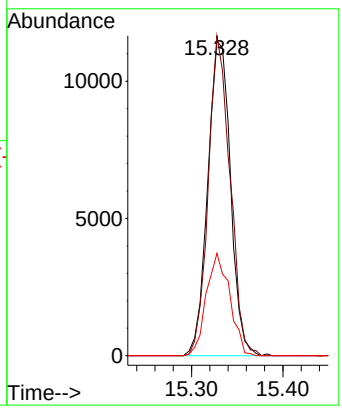


#96
1,2,3-Trichlorobenzene
Concen: 10.581 ug/l
RT: 15.328 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022492.D
Acq: 02 Jun 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 19814

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.3
145	33.5	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	217359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48383	20.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.920%#		
35) Dibromofluoromethane	7.640	113	44482	20.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.920%#		
50) Toluene-d8	10.109	98	171165	19.474	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.940%#		
62) 4-Bromofluorobenzene	12.408	95	51231	19.225	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43056	22.669	ug/l	99
3) Chloromethane	2.068	50	124441	22.209	ug/l	98
4) Vinyl Chloride	2.208	62	143182	21.833	ug/l	99
5) Bromomethane	2.592	94	148203	23.891	ug/l	99
6) Chloroethane	2.739	64	104116	23.188	ug/l	98
7) Trichlorofluoromethane	3.056	101	124370	22.320	ug/l	94
8) Diethyl Ether	3.458	74	27359	22.230	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	49746	21.283	ug/l	99
10) Methyl Iodide	4.013	142	52917	21.112	ug/l	99
11) Tert butyl alcohol	4.891	59	19456	115.163	ug/l	96
12) 1,1-Dichloroethene	3.793	96	47770	21.411	ug/l	100
13) Acrolein	3.659	56	22974	111.404	ug/l	98
14) Allyl chloride	4.391	41	73926	21.263	ug/l	98
15) Acrylonitrile	5.073	53	57803	110.420	ug/l	97
16) Acetone	3.885	43	52330	111.925	ug/l	99
17) Carbon Disulfide	4.110	76	150515	21.130	ug/l	99
18) Methyl Acetate	4.397	43	34419	24.470	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	136549	21.935	ug/l	98
20) Methylene Chloride	4.622	84	55399	21.222	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	53194	21.342	ug/l	93
22) Diisopropyl ether	6.031	45	168064	21.739	ug/l	97
23) Vinyl Acetate	5.970	43	497937	108.569	ug/l	99
24) 1,1-Dichloroethane	5.927	63	97760	21.392	ug/l	97
25) 2-Butanone	6.902	43	77329	112.124	ug/l	93
26) 2,2-Dichloropropane	6.890	77	84543	20.811	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	61362	21.300	ug/l	98
28) Bromochloromethane	7.256	49	41634	21.085	ug/l	99
29) Tetrahydrofuran	7.268	42	49517	111.296	ug/l	99
30) Chloroform	7.427	83	96414	21.350	ug/l	96
31) Cyclohexane	7.707	56	95487	20.762	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	84365	20.905	ug/l	99
36) 1,1-Dichloropropene	7.841	75	72658	20.670	ug/l	98
37) Ethyl Acetate	6.988	43	34204	22.110	ug/l	98
38) Carbon Tetrachloride	7.823	117	73370	20.247	ug/l	93
39) Methylcyclohexane	9.115	83	95280	20.065	ug/l	97
40) Benzene	8.085	78	217595	21.000	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	19470	19.542	ug/l		95
42) 1,2-Dichloroethane	8.164	62	61097	21.676	ug/l		98
43) Isopropyl Acetate	8.201	43	73745	21.814	ug/l		97
44) Trichloroethene	8.872	130	52175	20.613	ug/l		98
45) 1,2-Dichloropropane	9.146	63	52378	21.204	ug/l		99
46) Dibromomethane	9.237	93	29741	21.491	ug/l		99
47) Bromodichloromethane	9.426	83	73717	20.995	ug/l		99
48) Methyl methacrylate	9.225	41	34508	22.294	ug/l		99
49) 1,4-Dioxane	9.237	88	7444	450.895	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	181461	108.147	ug/l		98
52) Toluene	10.176	92	133601	20.508	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	70358	21.660	ug/l		95
54) cis-1,3-Dichloropropene	9.859	75	80524	21.141	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	38079	21.849	ug/l		98
56) Ethyl methacrylate	10.444	69	54734	21.626	ug/l		99
57) 1,3-Dichloropropane	10.719	76	66163	21.317	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.713	63	118244	104.797	ug/l		100
59) 2-Hexanone	10.761	43	122817	109.805	ug/l		99
60) Dibromochloromethane	10.914	129	47952	21.715	ug/l		98
61) 1,2-Dibromoethane	11.018	107	35324	21.965	ug/l		95
64) Tetrachloroethene	10.652	164	56256	21.063	ug/l		99
65) Chlorobenzene	11.444	112	138583	20.336	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	47587	20.600	ug/l		98
67) Ethyl Benzene	11.524	91	252180	19.871	ug/l		100
68) m/p-Xylenes	11.633	106	192372	40.053	ug/l		99
69) o-Xylene	11.956	106	90598	20.155	ug/l		98
70) Styrene	11.969	104	149486	20.086	ug/l		98
71) Bromoform	12.133	173	25089	20.668	ug/l	#	99
73) Isopropylbenzene	12.255	105	236185	20.303	ug/l		99
74) N-amyl acetate	12.072	43	62437	21.224	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	39986	21.165	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	56811	29.805	ug/l	#	100
77) Bromobenzene	12.536	156	51416	20.853	ug/l		99
78) n-propylbenzene	12.597	91	286589	20.239	ug/l		99
79) 2-Chlorotoluene	12.682	91	153250	20.497	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	187101	20.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	13897	20.904	ug/l		97
82) 4-Chlorotoluene	12.779	91	154601	19.951	ug/l		99
83) tert-Butylbenzene	12.999	119	167512	20.188	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	184202	20.241	ug/l		100
85) sec-Butylbenzene	13.176	105	251350	19.979	ug/l		100
86) p-Isopropyltoluene	13.292	119	207417	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	99901	20.252	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	100082	20.823	ug/l		98
89) n-Butylbenzene	13.621	91	199786	20.287	ug/l		99
90) Hexachloroethane	13.883	117	41119	20.316	ug/l		100
91) 1,2-Dichlorobenzene	13.663	146	89355	21.085	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5939	20.796	ug/l		94
93) 1,2,4-Trichlorobenzene	14.925	180	46919	20.254	ug/l		99
94) Hexachlorobutadiene	15.023	225	25462	20.124	ug/l		99
95) Naphthalene	15.145	128	93203	20.994	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	41131	20.892	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

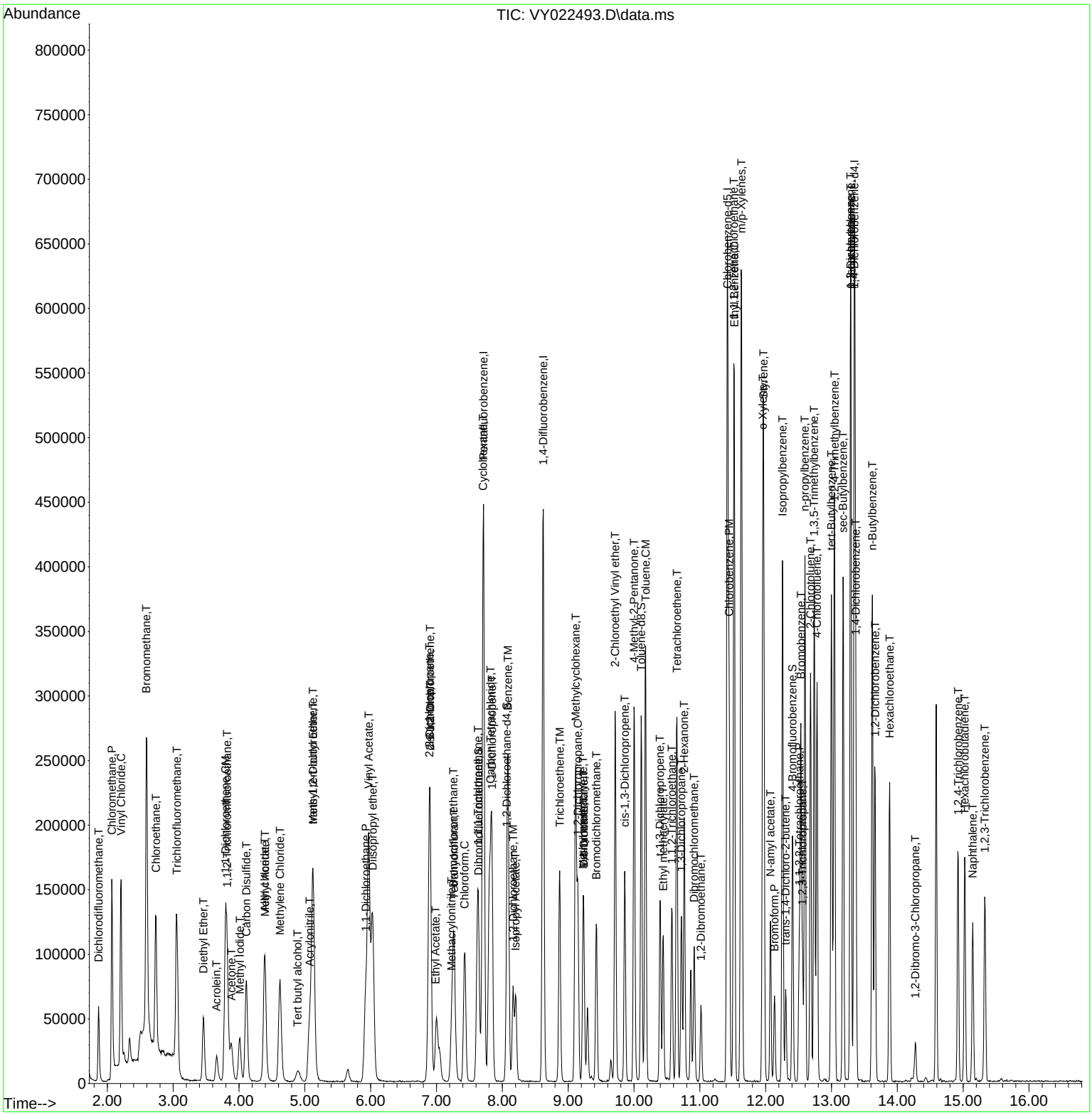
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

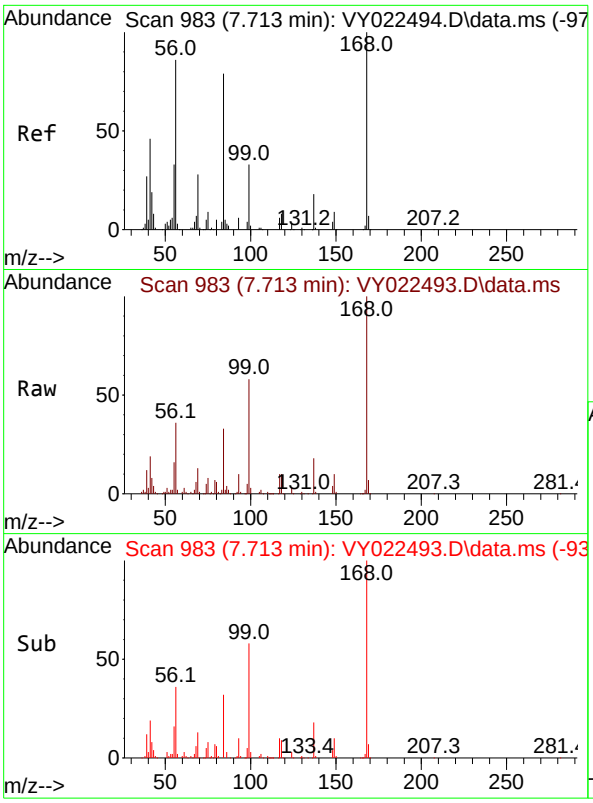
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022493.D
Acq On : 02 Jun 2025 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Jun 03 02:54:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



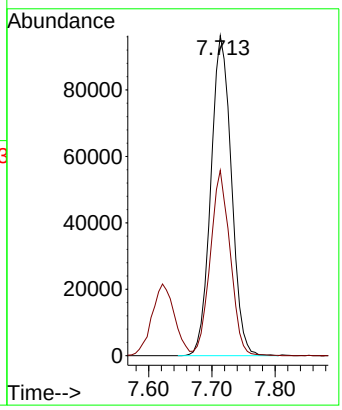


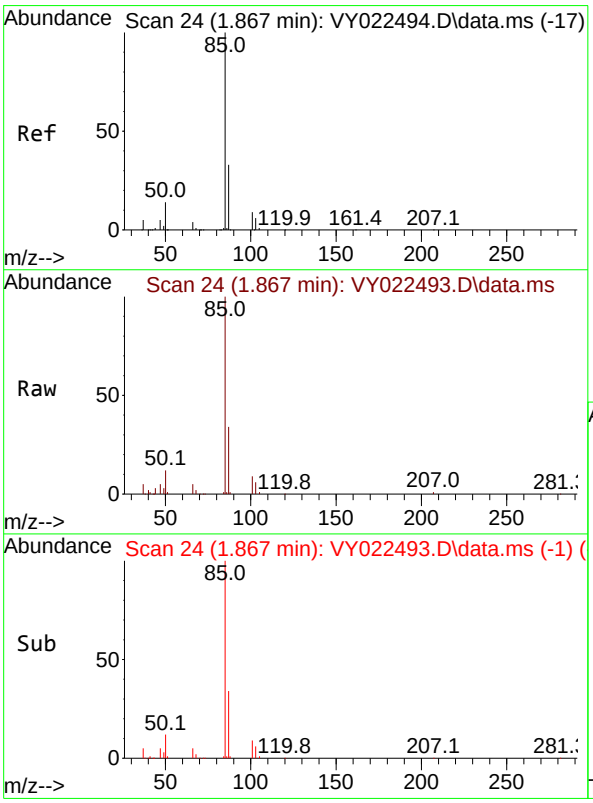
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 217359

Ion	Ratio	Lower	Upper
168	100		
99	57.8	44.3	66.5

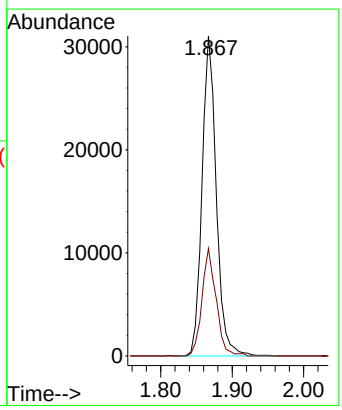


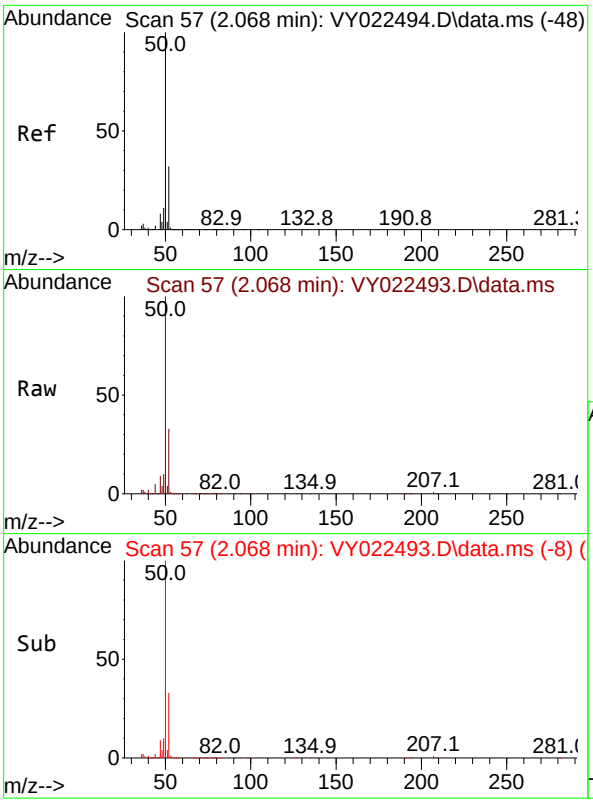


#2
Dichlorodifluoromethane
Concen: 22.669 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 85 Resp: 43056

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.7	50.0



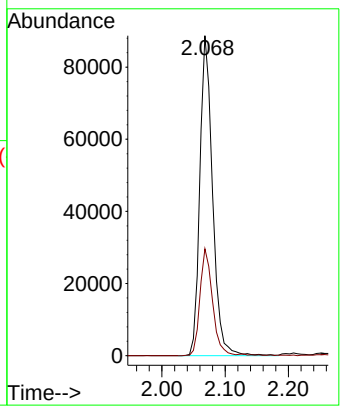


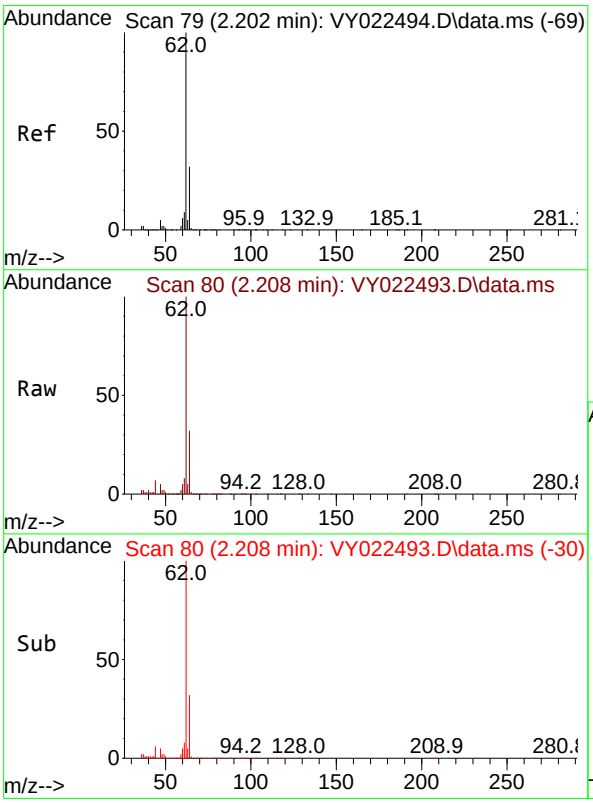
#3
Chloromethane
Concen: 22.209 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 124441

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.0	39.0

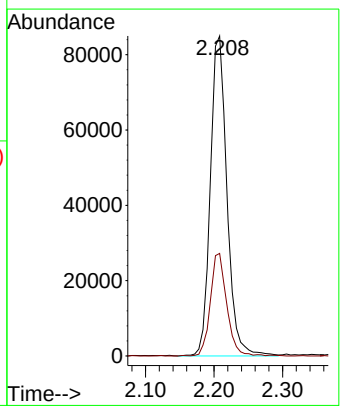


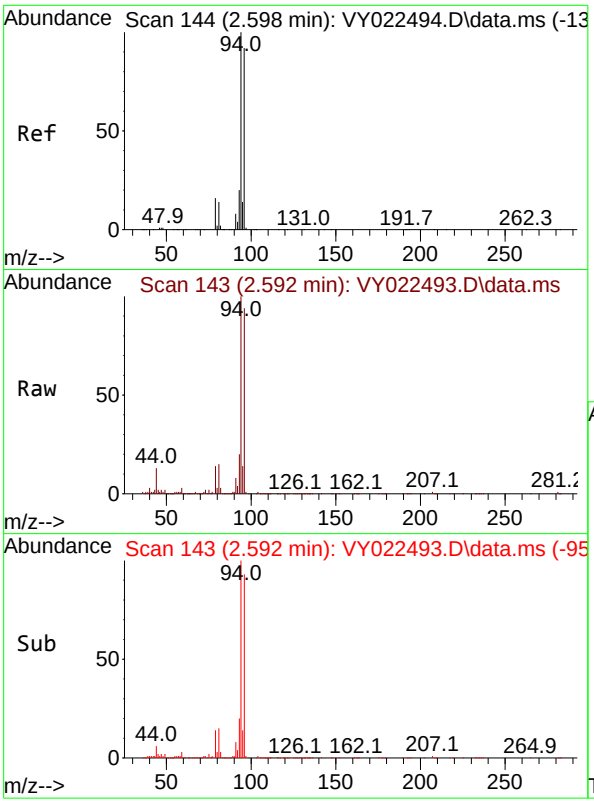


#4
Vinyl Chloride
Concen: 21.833 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 143182

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.3	37.9



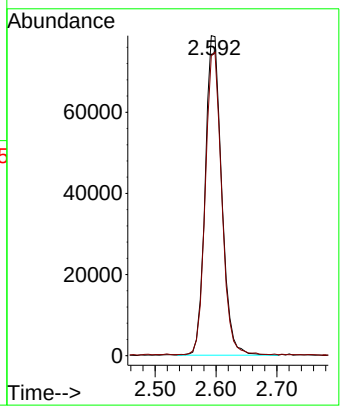


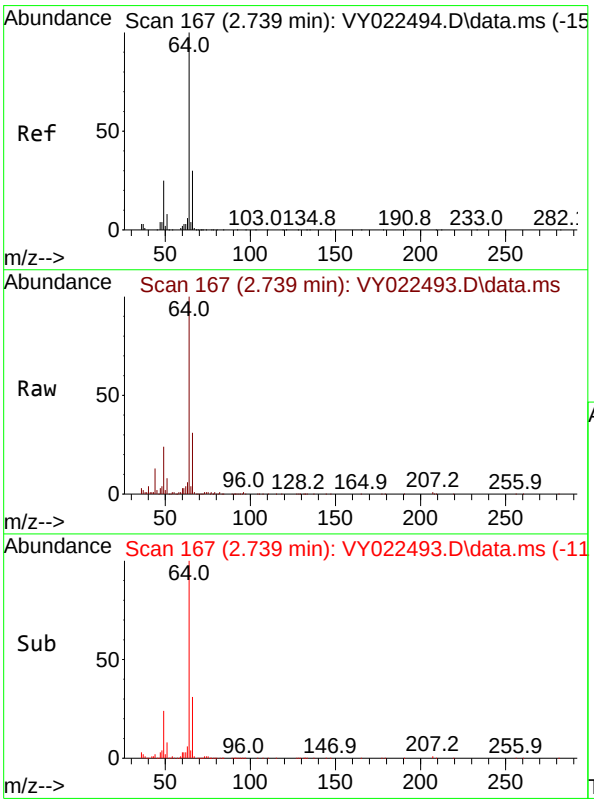
#5
Bromomethane
Concen: 23.891 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 148203

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.0	111.0

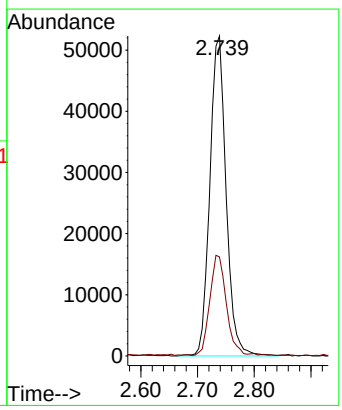


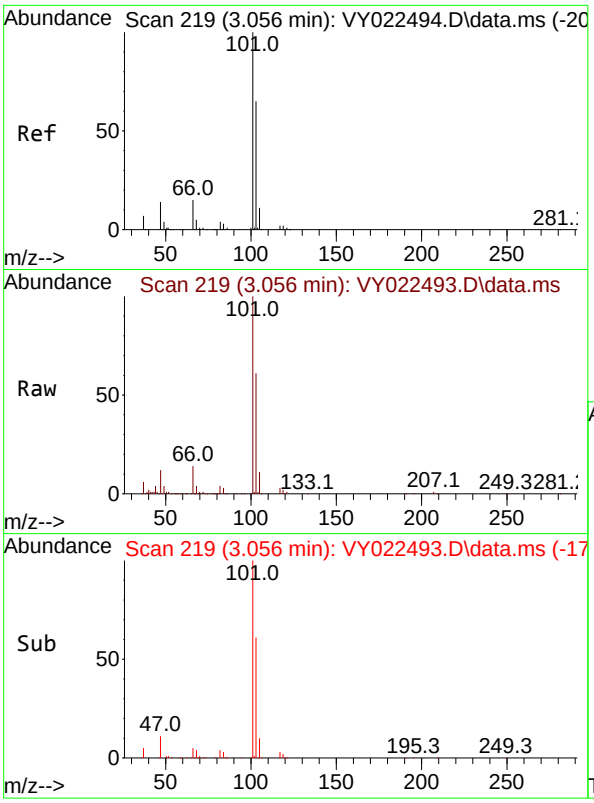


#6
Chloroethane
Concen: 23.188 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 64 Resp: 104116

Ion	Ratio	Lower	Upper
64	100		
66	30.8	23.8	35.6



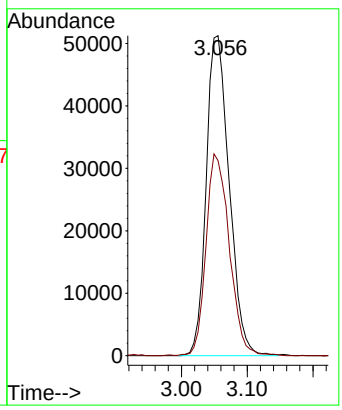


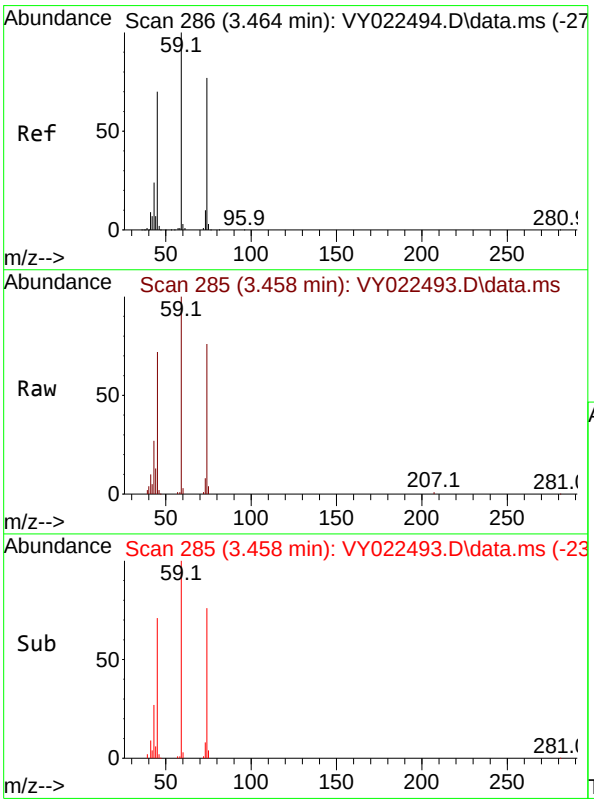
#7
Trichlorofluoromethane
Concen: 22.320 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 124370

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.2	78.2

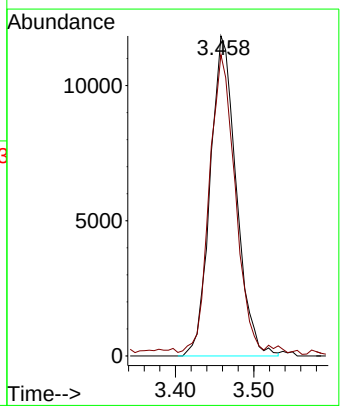


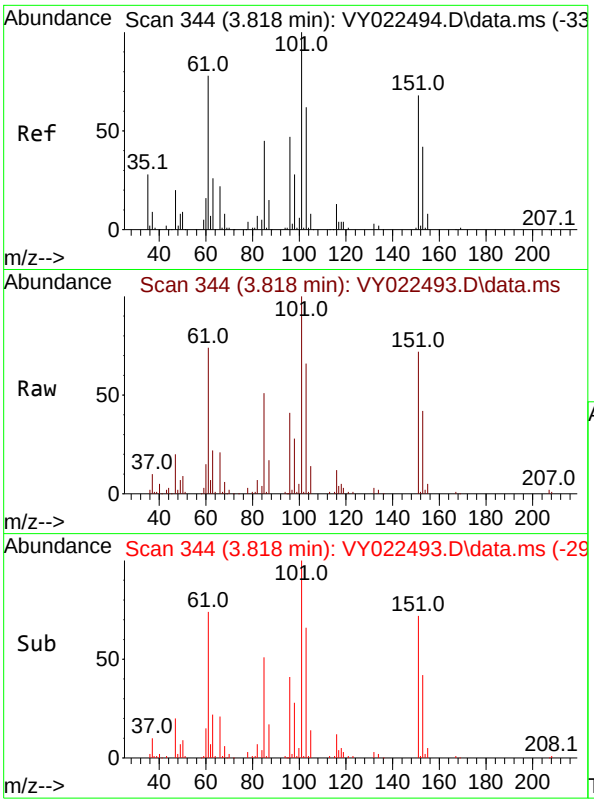


#8
Diethyl Ether
Concen: 22.230 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 74 Resp: 27359

Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.9	137.6



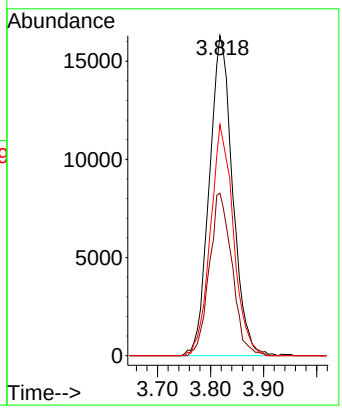


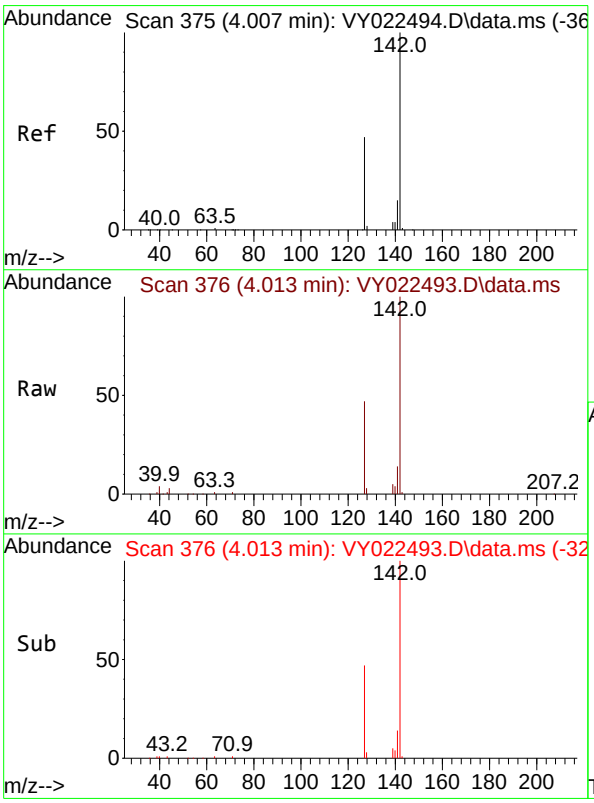
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.283 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 49746

Ion	Ratio	Lower	Upper
101	100		
85	49.4	39.3	58.9
151	71.4	57.8	86.8

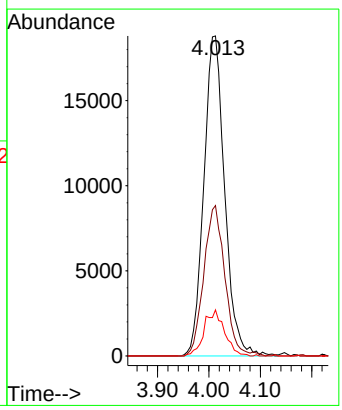


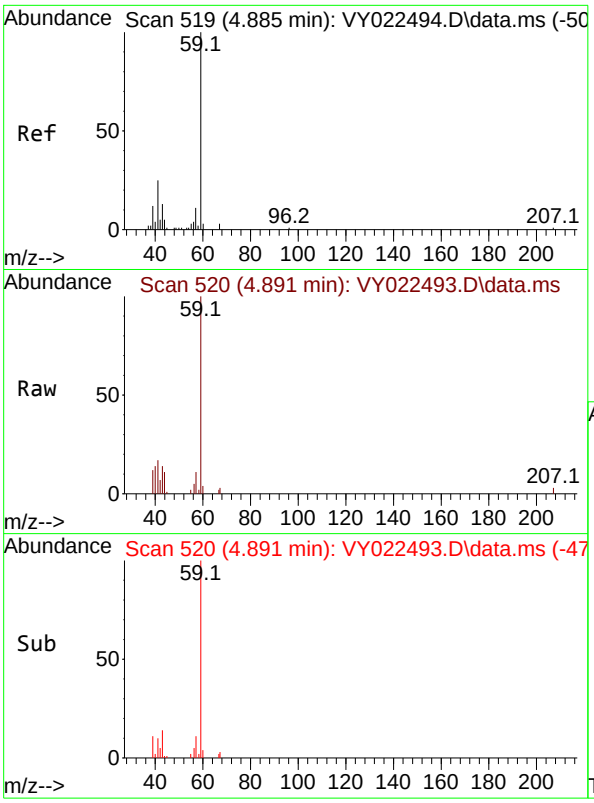


#10
Methyl Iodide
Concen: 21.112 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:142 Resp: 52917

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.1	55.7
141	14.1	11.4	17.2



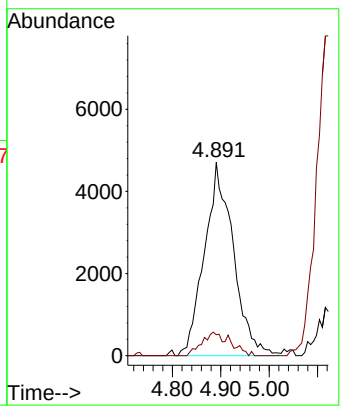


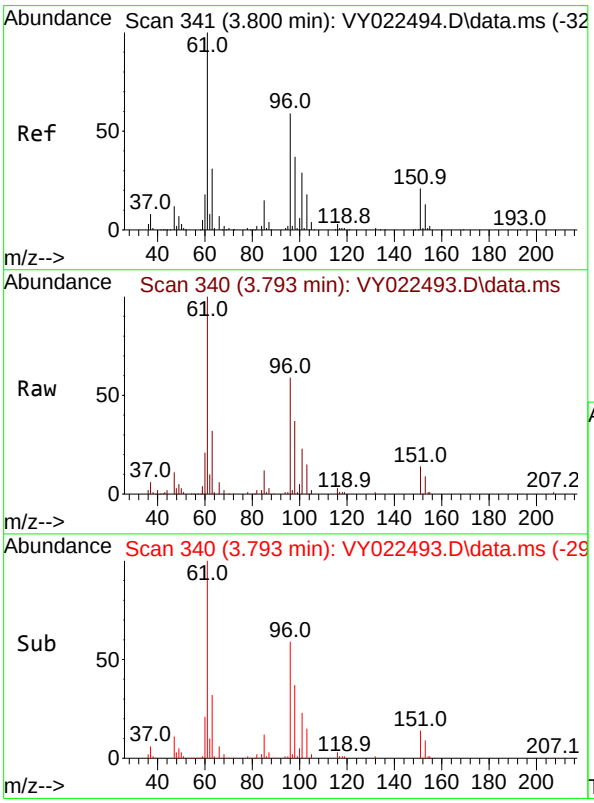
#11
Tert butyl alcohol
Concen: 115.163 ug/l
RT: 4.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 19456

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.0	12.0

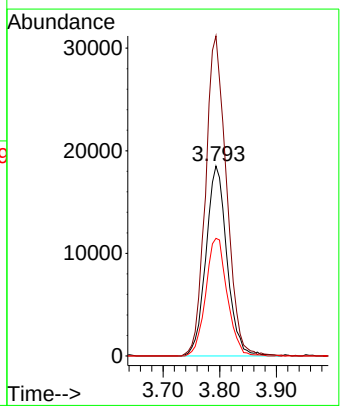


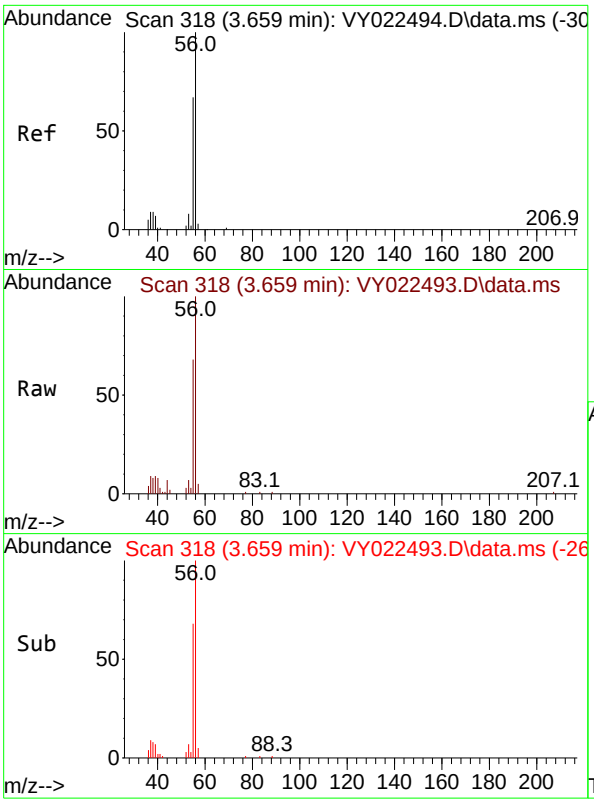


#12
1,1-Dichloroethene
Concen: 21.411 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 96 Resp: 47770

Ion	Ratio	Lower	Upper
96	100		
61	168.5	134.6	201.8
98	61.9	50.2	75.4



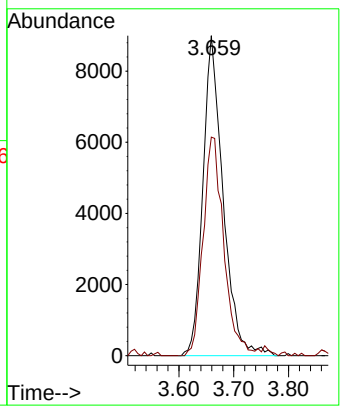


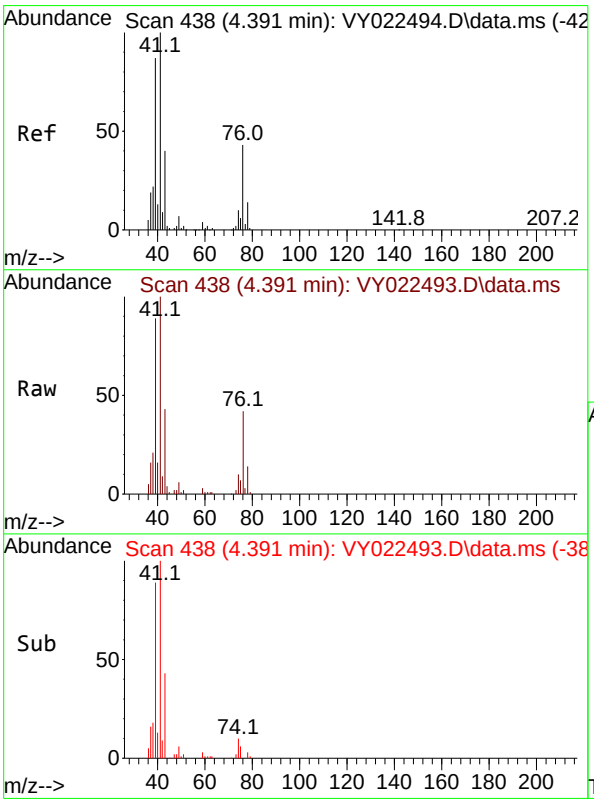
#13
Acrolein
Concen: 111.404 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 22974

Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6

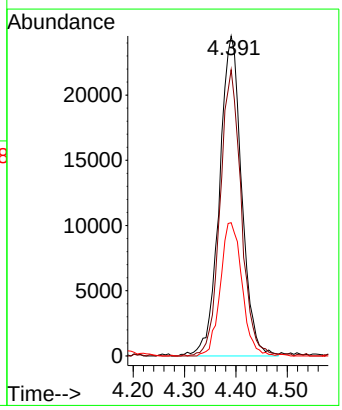


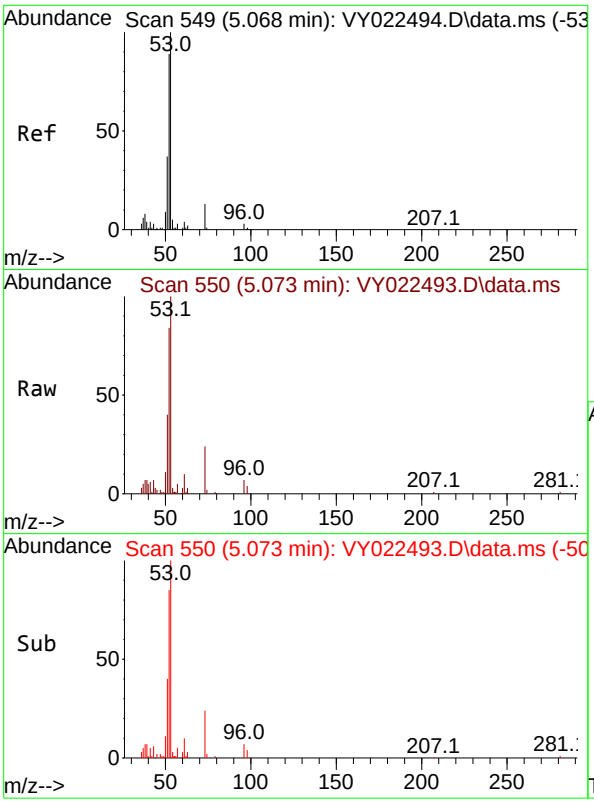


#14
Allyl chloride
Concen: 21.263 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 73926

Ion	Ratio	Lower	Upper
41	100		
39	84.7	69.1	103.7
76	40.5	33.5	50.3



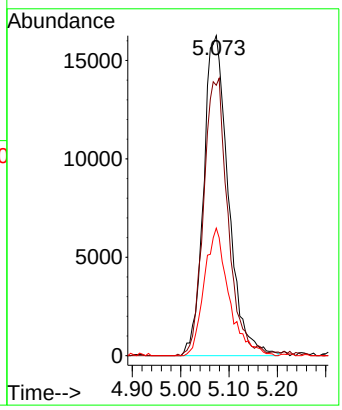


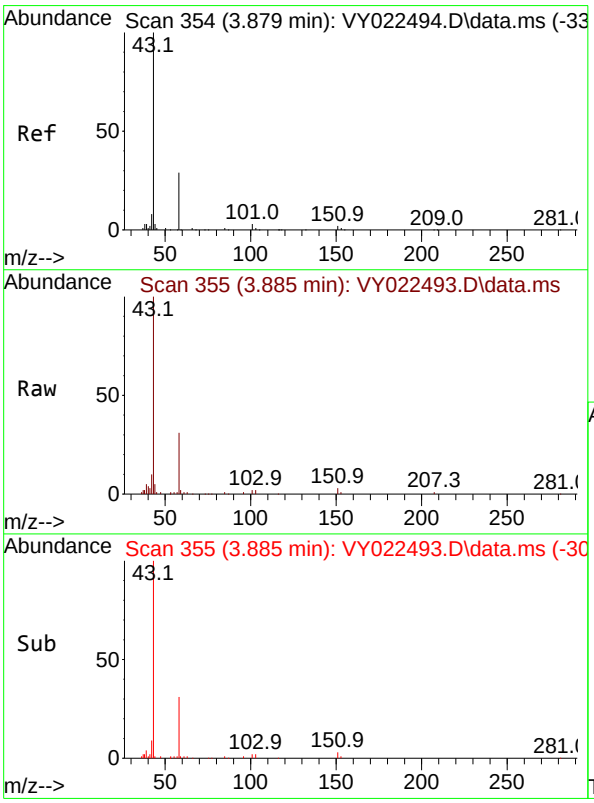
#15
Acrylonitrile
Concen: 110.420 ug/l
RT: 5.073 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 57803

Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.7	98.5
51	39.8	30.1	45.1

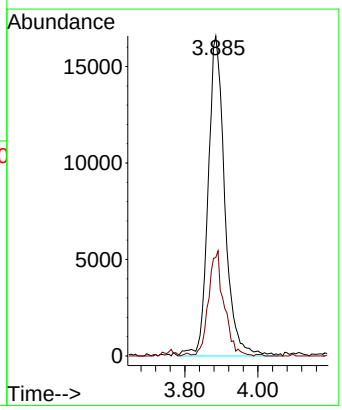


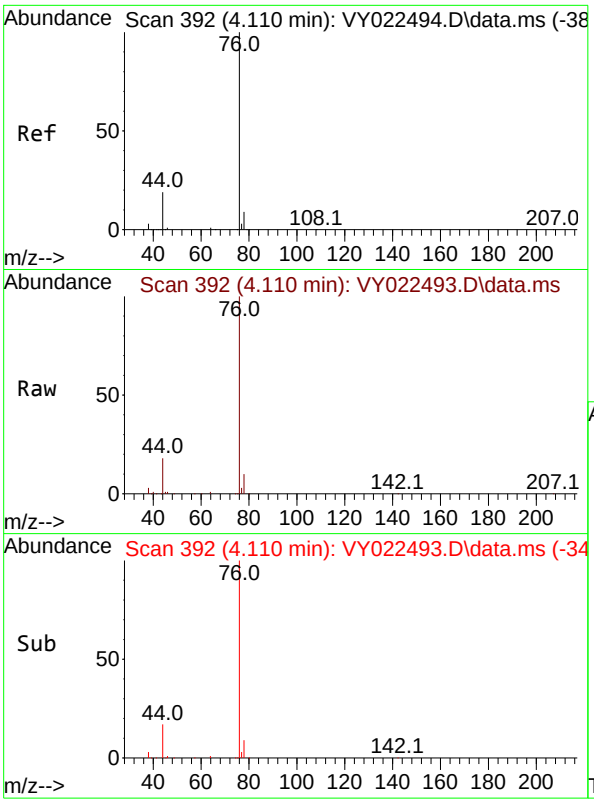


#16
Acetone
Concen: 111.925 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 52330

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0



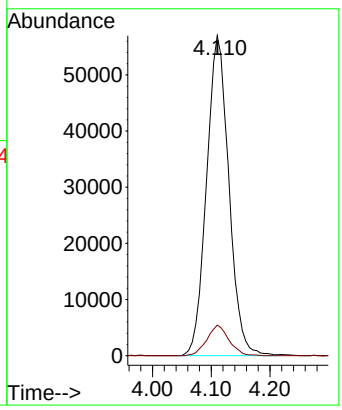


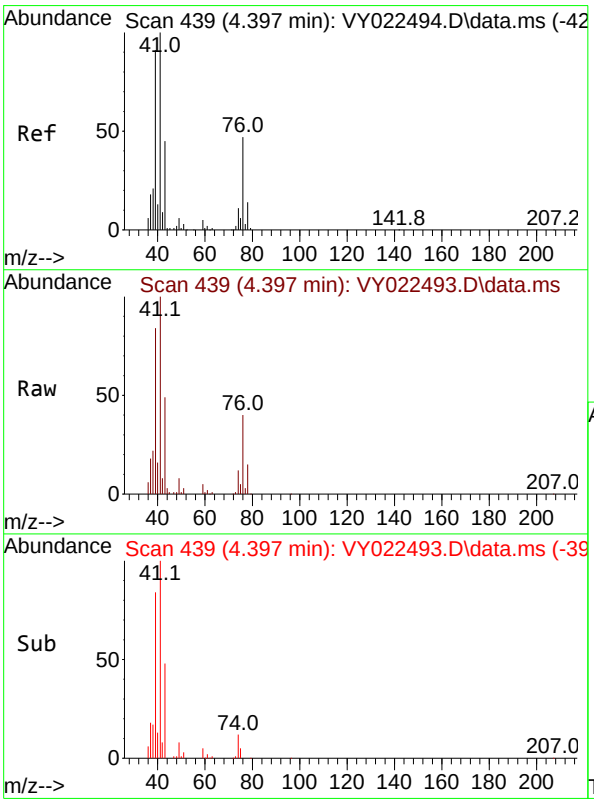
#17
Carbon Disulfide
Concen: 21.130 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 150515

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

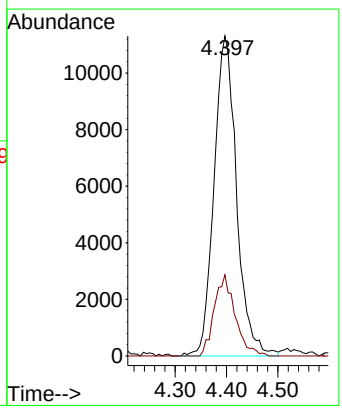


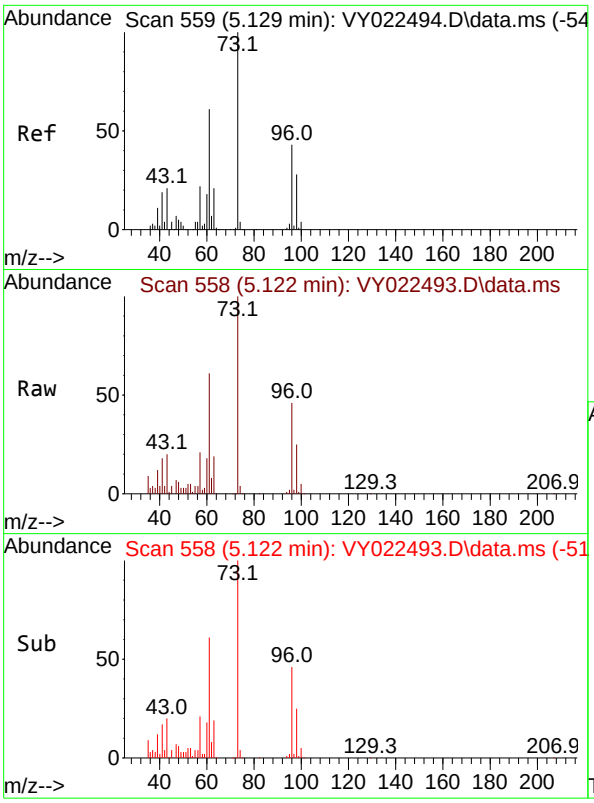


#18
Methyl Acetate
Concen: 24.470 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 34419

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.8	29.6



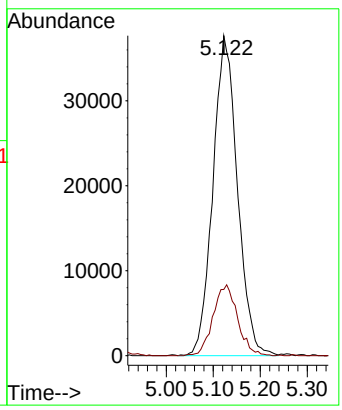


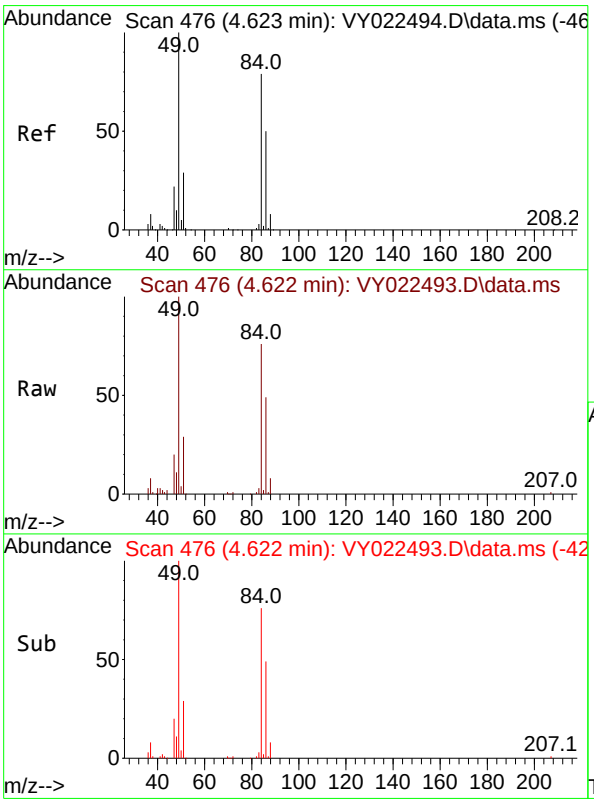
#19
Methyl tert-butyl Ether
Concen: 21.935 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 136549

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.4	26.0

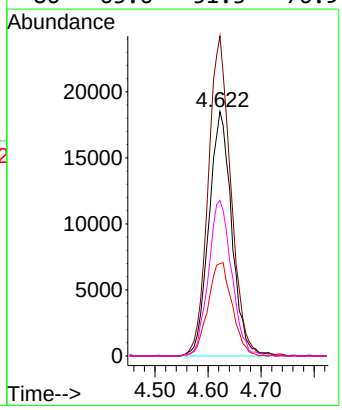


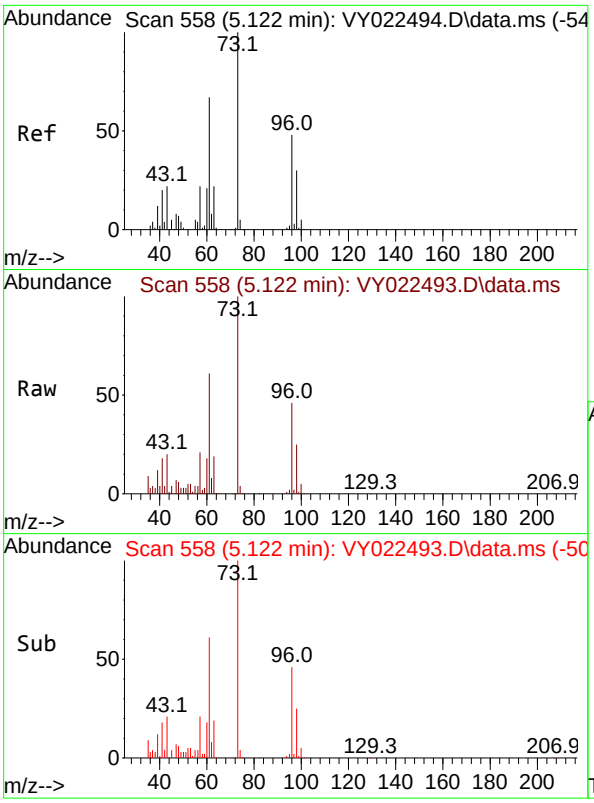


#20
Methylene Chloride
Concen: 21.222 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 84 Resp: 55399

Ion	Ratio	Lower	Upper
84	100		
49	131.0	101.9	152.9
51	37.8	29.8	44.8
86	63.6	51.3	76.9



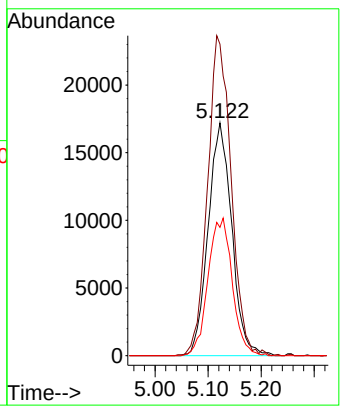


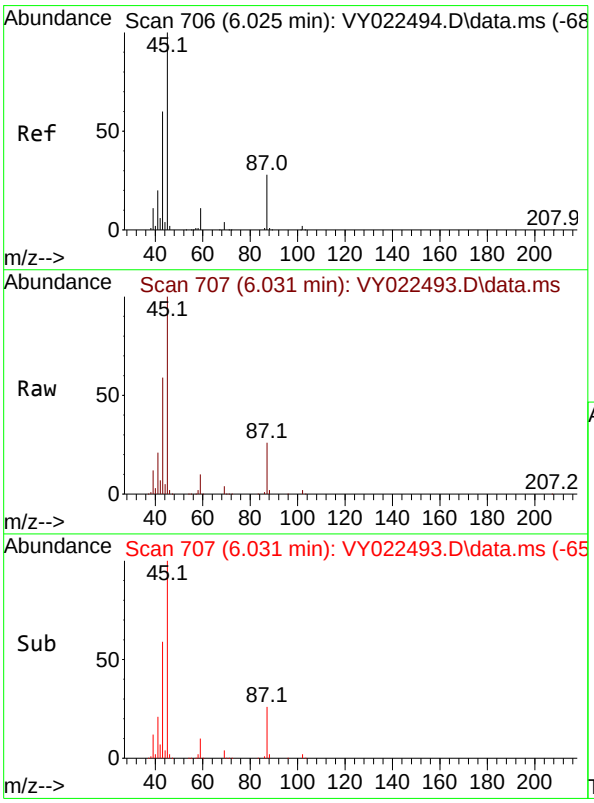
#21
trans-1,2-Dichloroethene
Concen: 21.342 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 53194

Ion	Ratio	Lower	Upper
96	100		
61	133.3	112.6	169.0
98	55.1	50.6	75.8

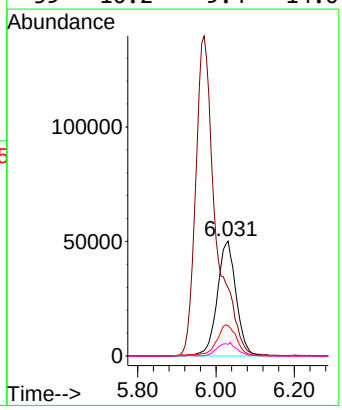


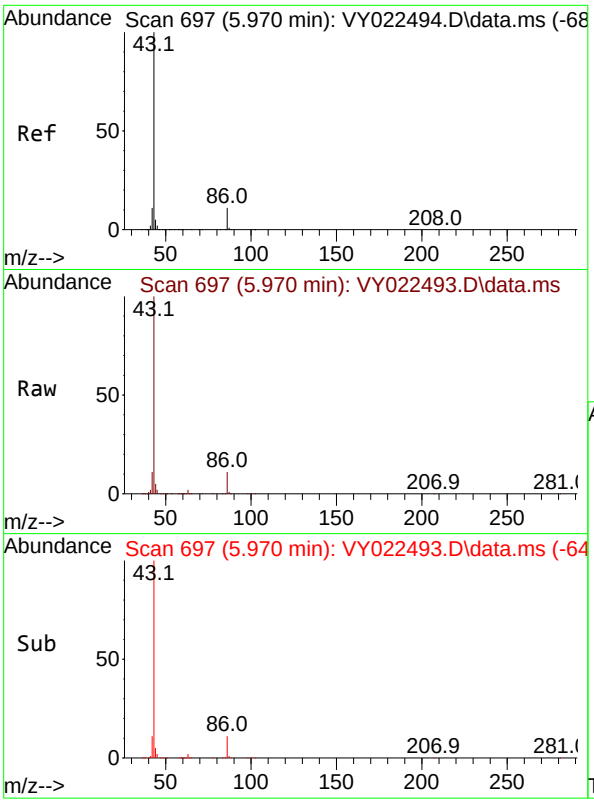


#22
Diisopropyl ether
Concen: 21.739 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 45 Resp: 168064

Ion	Ratio	Lower	Upper
45	100		
43	59.0	48.3	72.5
87	26.3	23.0	34.6
59	10.2	9.4	14.0



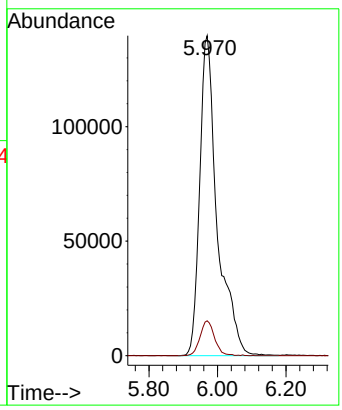


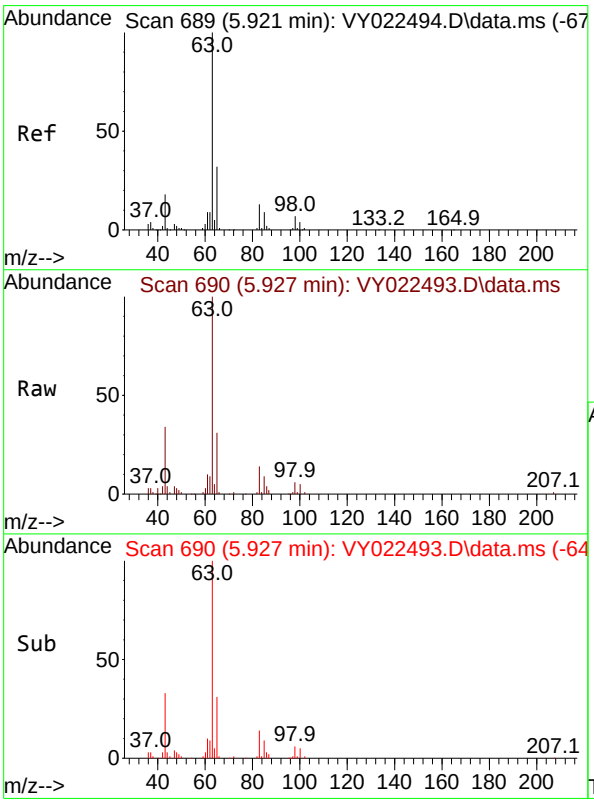
#23
Vinyl Acetate
Concen: 108.569 ug/l
RT: 5.970 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 497937

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

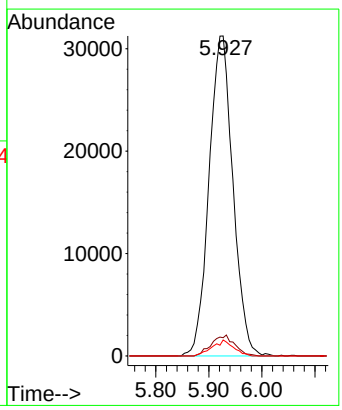


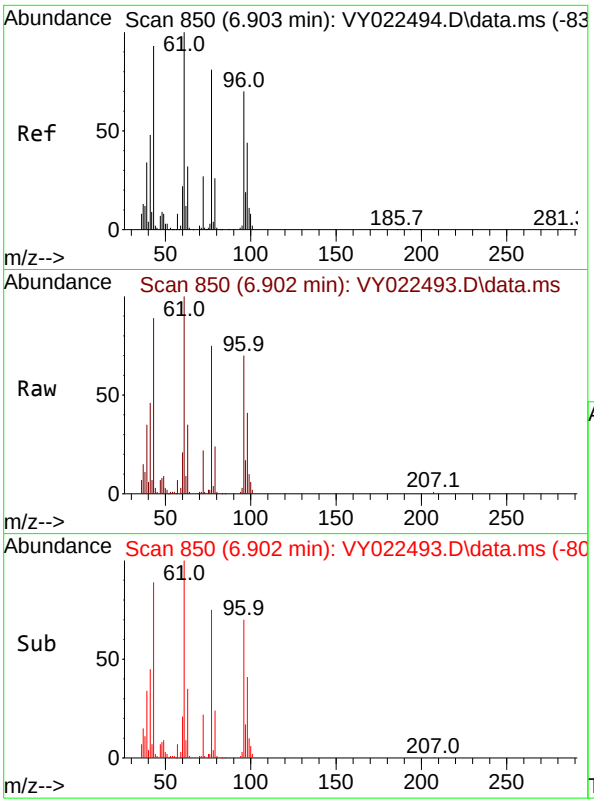


#24
1,1-Dichloroethane
Concen: 21.392 ug/l
RT: 5.927 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 97760

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.4	10.1
100	5.0	2.1	6.3



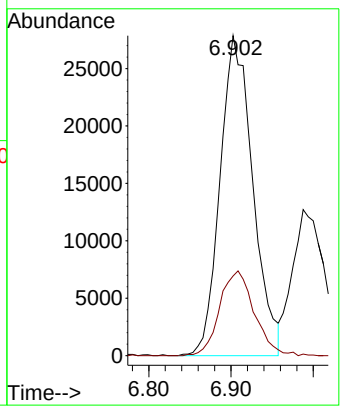


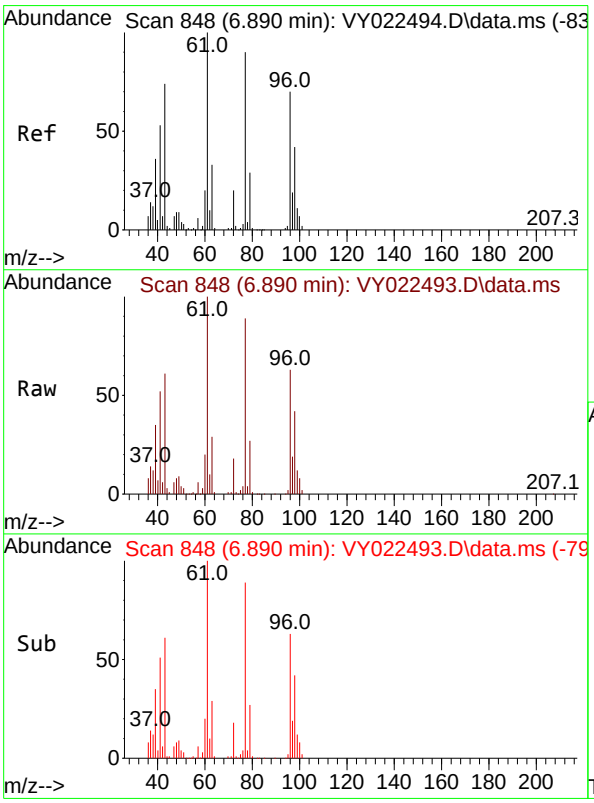
#25
2-Butanone
Concen: 112.124 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 77329

Ion	Ratio	Lower	Upper
43	100		
72	24.9	22.9	34.3

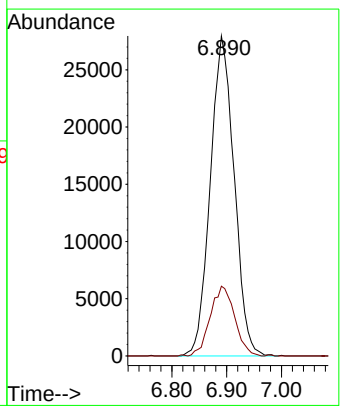


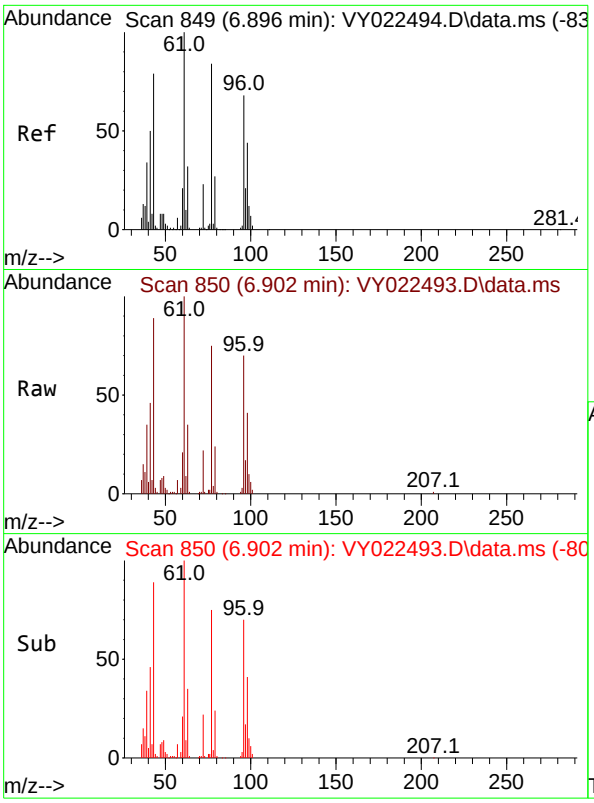


#26
2,2-Dichloropropane
Concen: 20.811 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 77 Resp: 84543

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.2



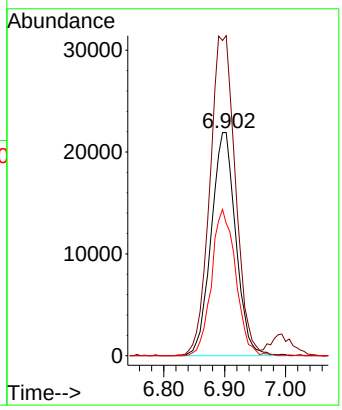


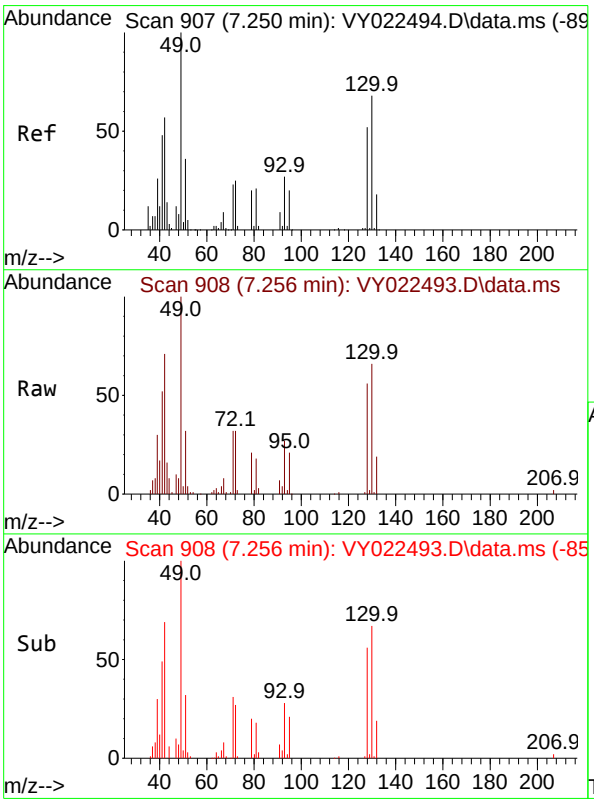
#27
cis-1,2-Dichloroethene
Concen: 21.300 ug/l
RT: 6.902 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 61362

Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	290.0
98	64.4	0.0	128.4

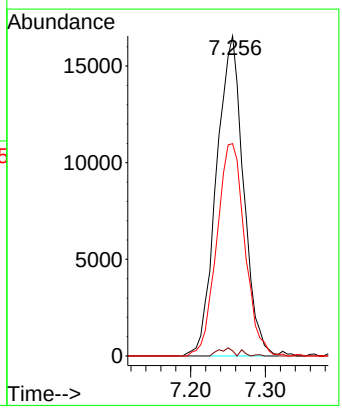


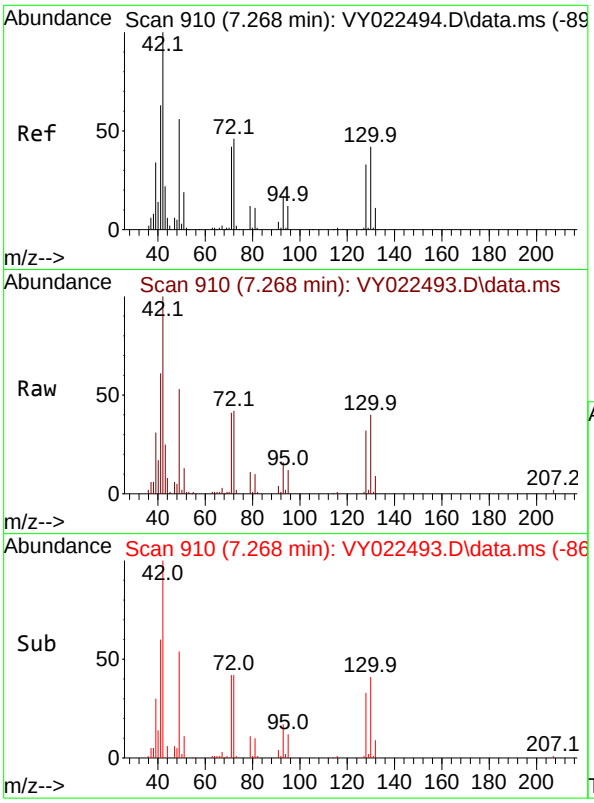


#28
Bromochloromethane
Concen: 21.085 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 49 Resp: 41634

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	69.0	55.7	83.5



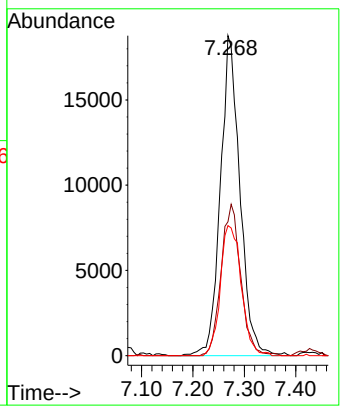


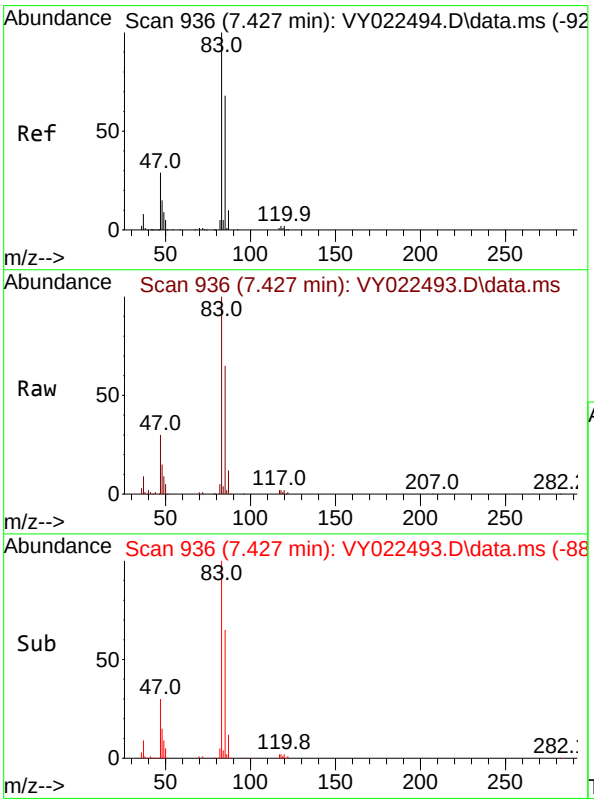
#29
Tetrahydrofuran
Concen: 111.296 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 49517

Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	43.6	34.2	51.2

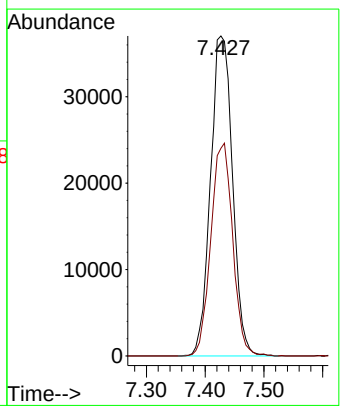


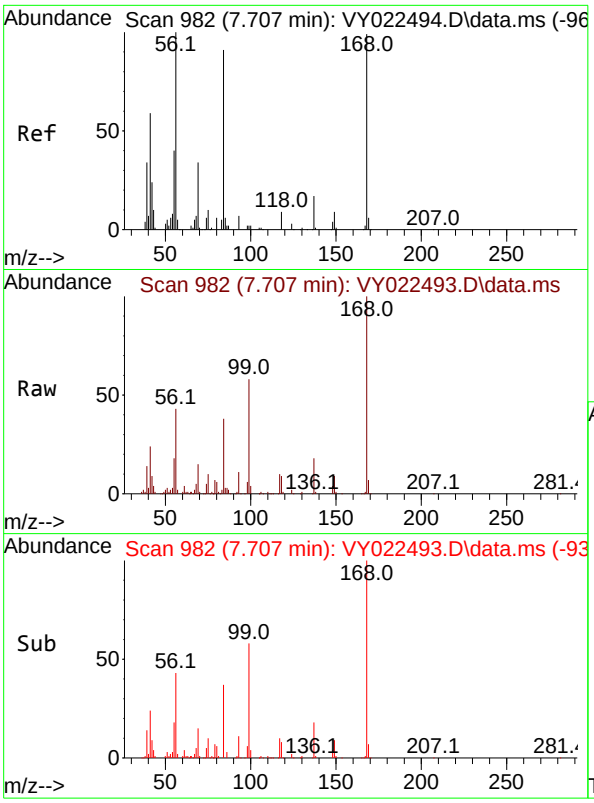


#30
Chloroform
Concen: 21.350 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 83 Resp: 96414

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4



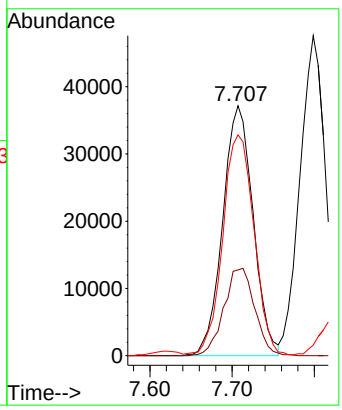


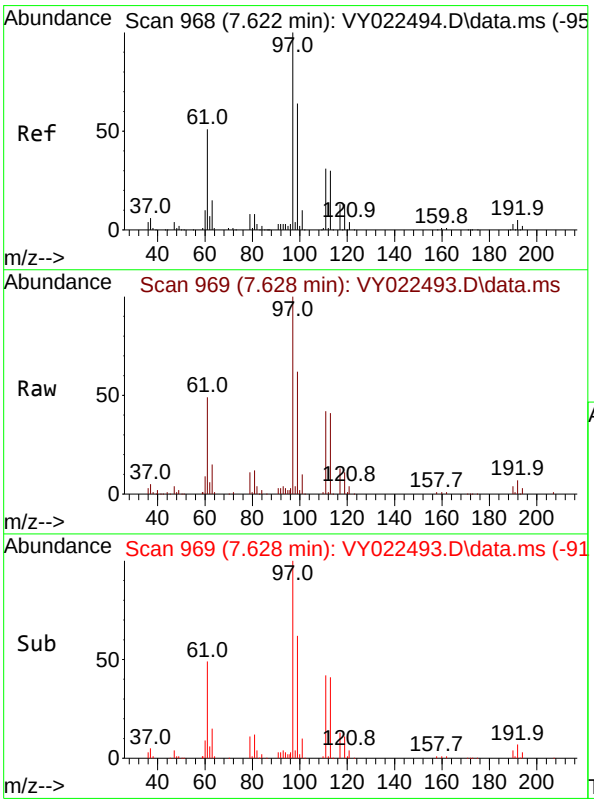
#31
Cyclohexane
Concen: 20.762 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 95487

Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.0	40.6
84	87.0	72.6	109.0

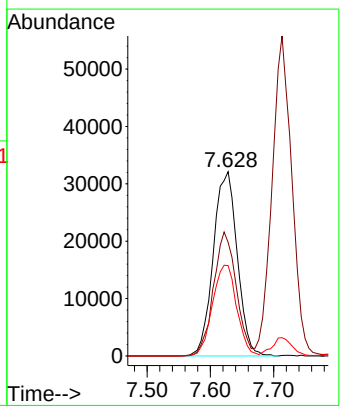


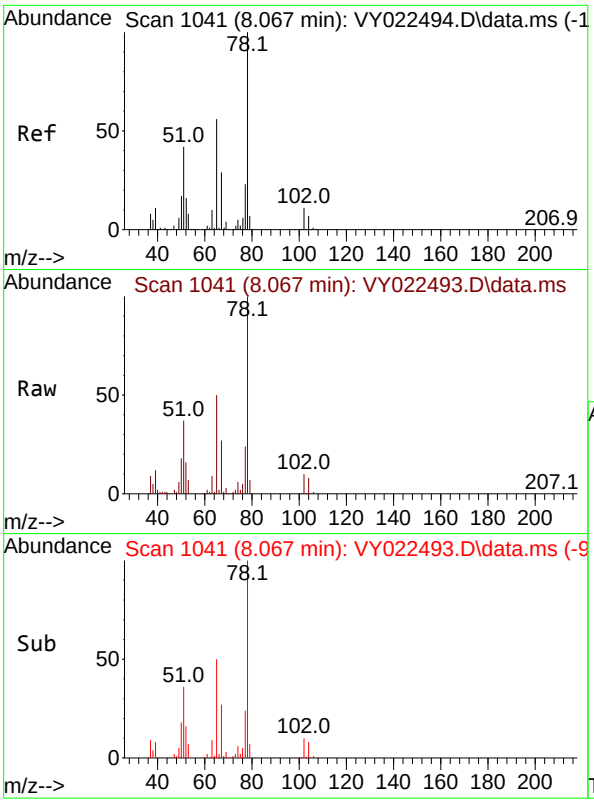


#32
1,1,1-Trichloroethane
Concen: 20.905 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 97 Resp: 84365

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	49.7	38.5	57.7



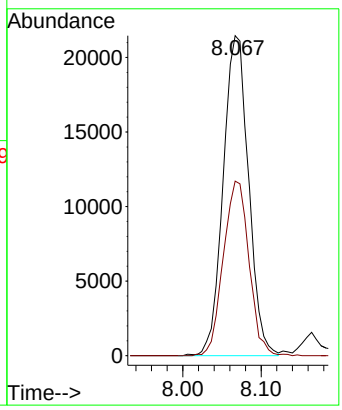


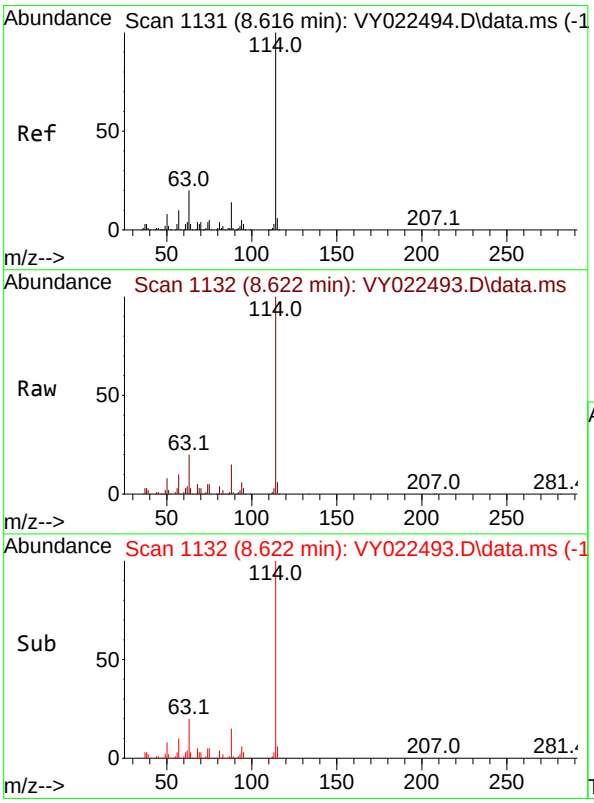
#33
1,2-Dichloroethane-d4
Concen: 20.457 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 48383

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	103.4

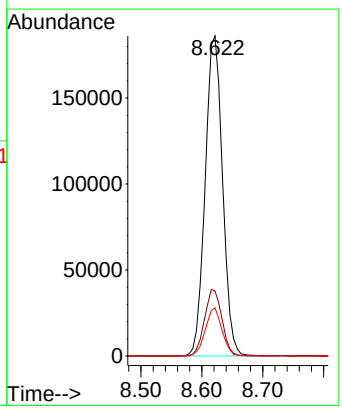


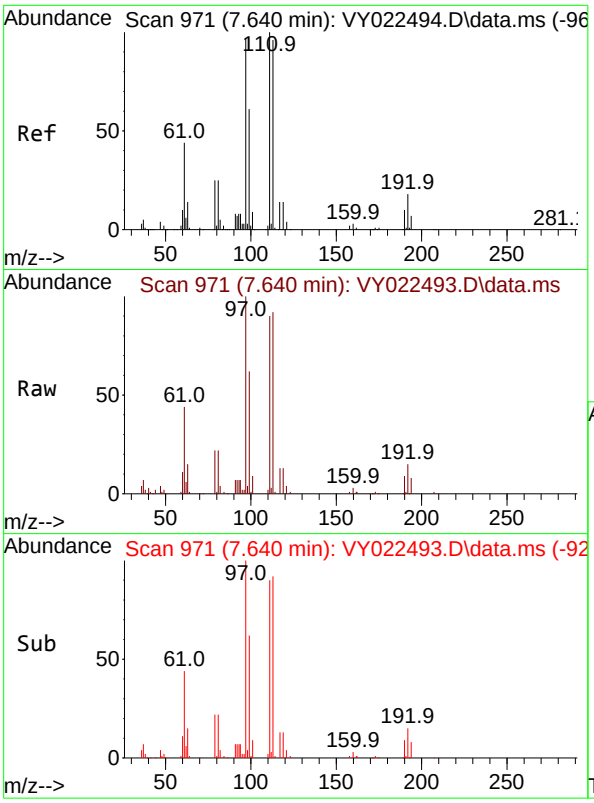


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:114 Resp: 369398

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.0	0.0	27.8



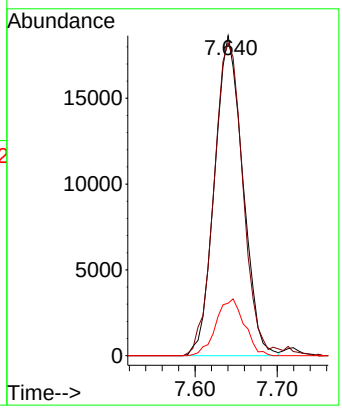


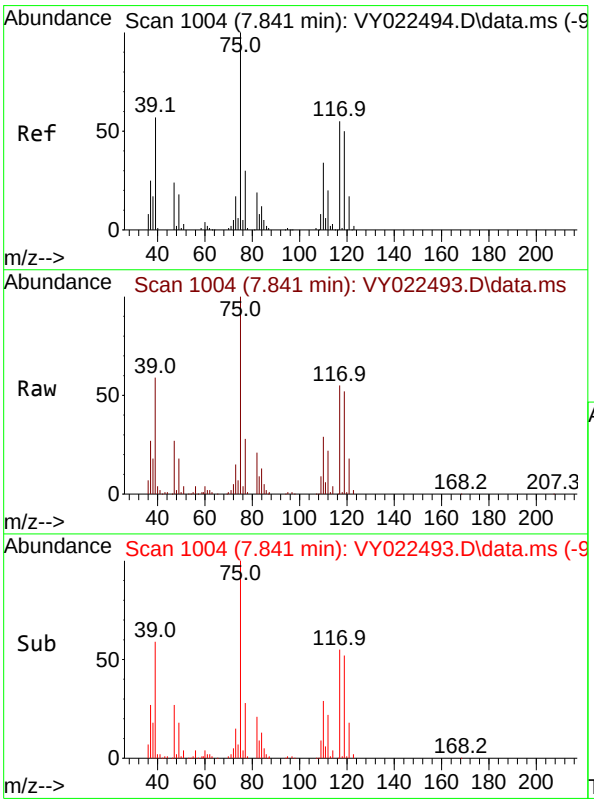
#35
Dibromofluoromethane
Concen: 20.456 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 44482

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	17.8	14.2	21.2

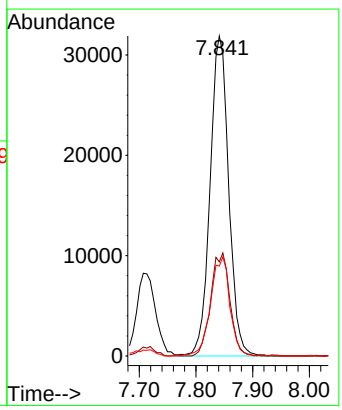


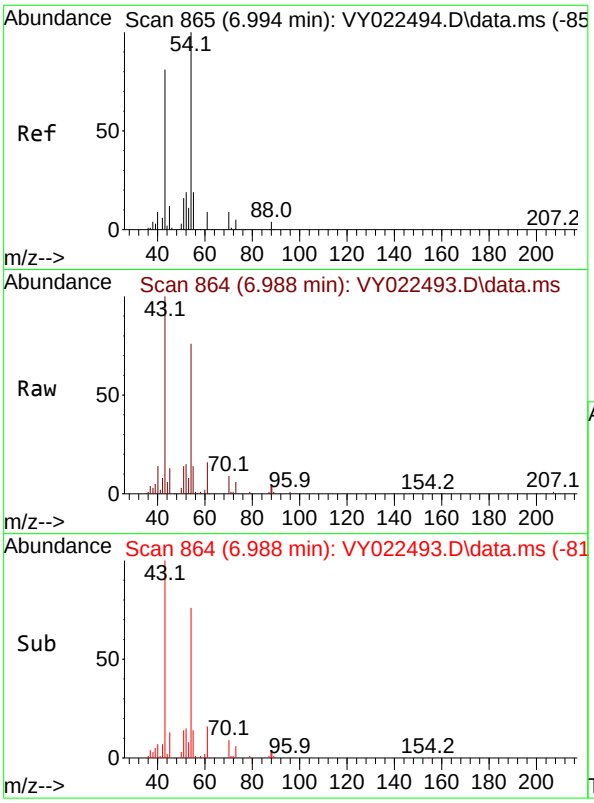


#36
1,1-Dichloropropene
Concen: 20.670 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 72658

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.7
77	32.2	24.8	37.2



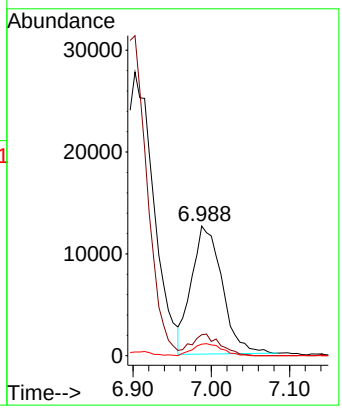


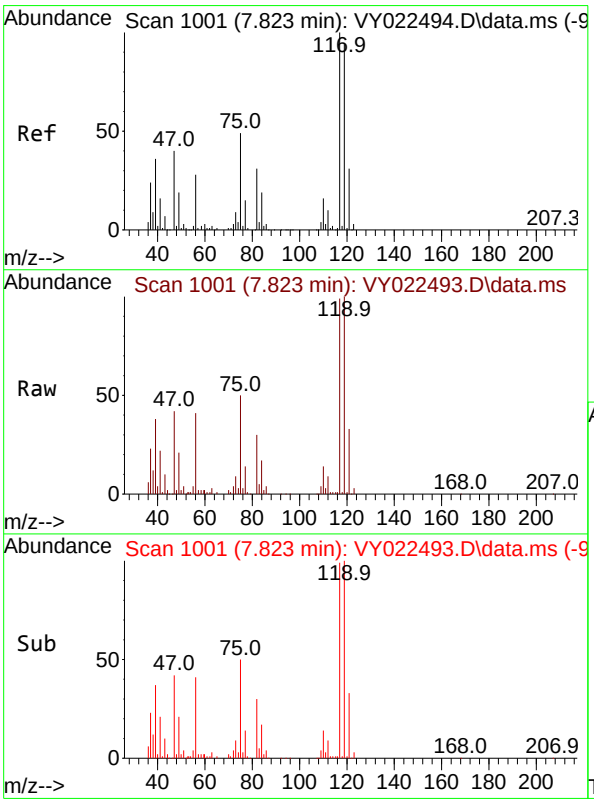
#37
Ethyl Acetate
Concen: 22.110 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 34204

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.5	17.3
70	8.9	7.2	10.8

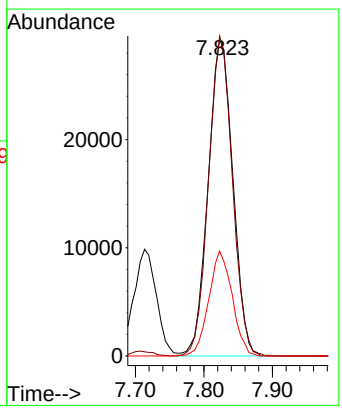


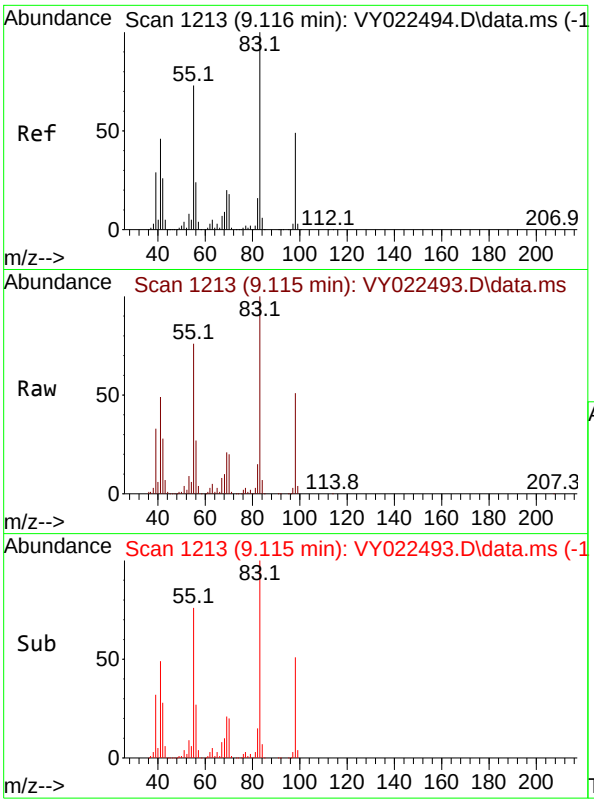


#38
Carbon Tetrachloride
Concen: 20.247 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 73370

Ion	Ratio	Lower	Upper
117	100		
119	101.1	75.0	112.6
121	33.2	25.0	37.4



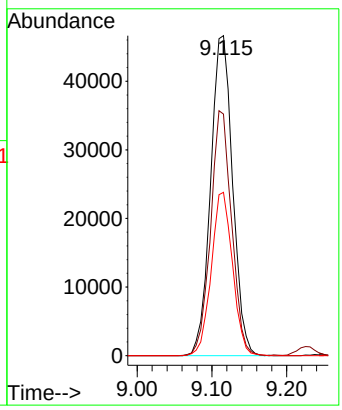


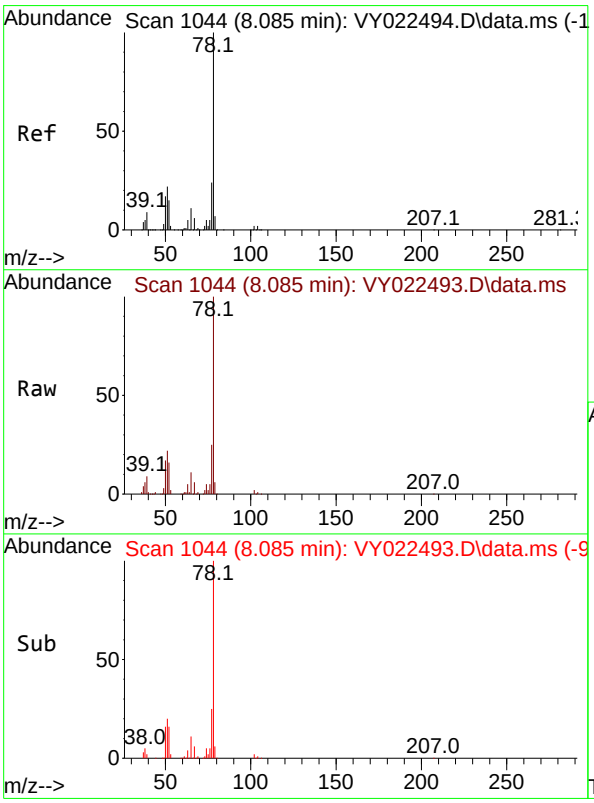
#39
Methylcyclohexane
Concen: 20.065 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 95280

Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.1	87.1
98	51.1	39.0	58.6

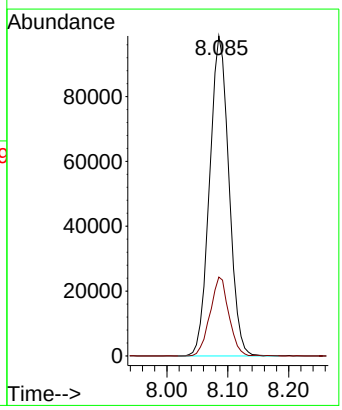


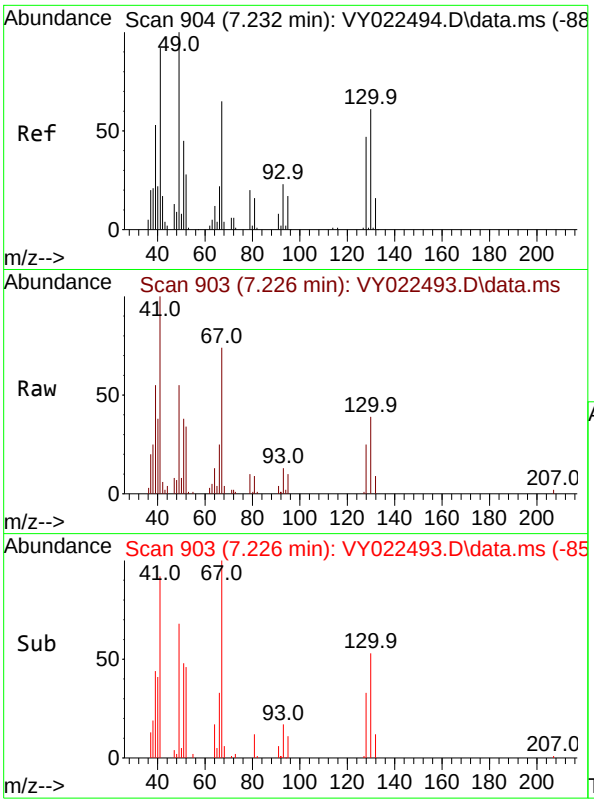


#40
Benzene
Concen: 21.000 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 78 Resp: 217595

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9



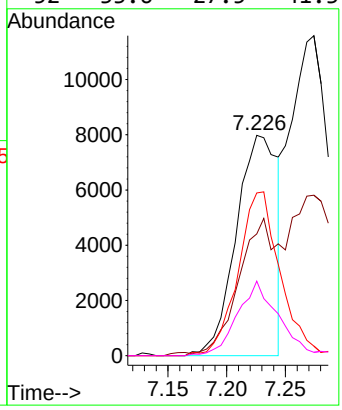


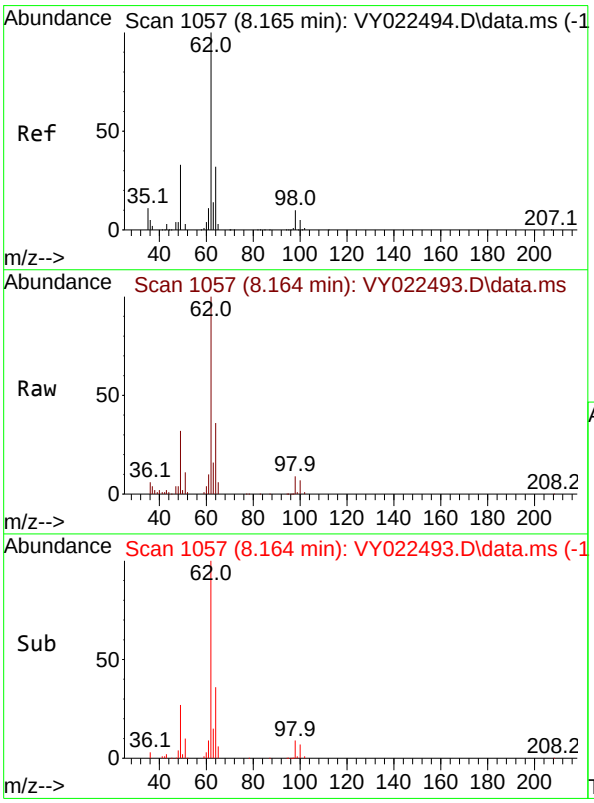
#41
Methacrylonitrile
Concen: 19.542 ug/l
RT: 7.226 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 19470

Ion	Ratio	Lower	Upper
41	100		
39	64.4	46.6	69.8
67	76.2	63.3	94.9
52	33.6	27.5	41.3

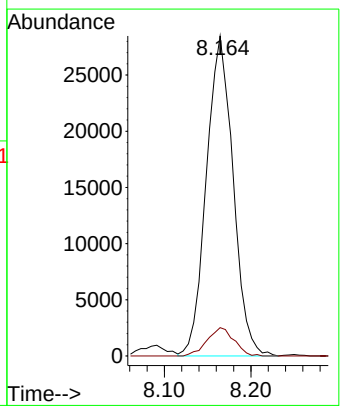


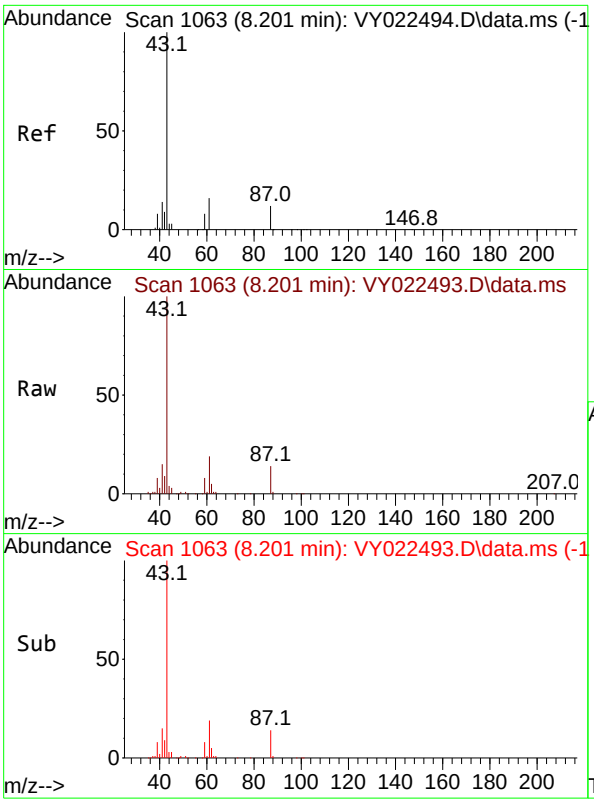


#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 62 Resp: 61097

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2



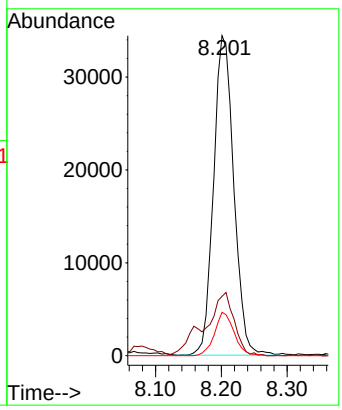


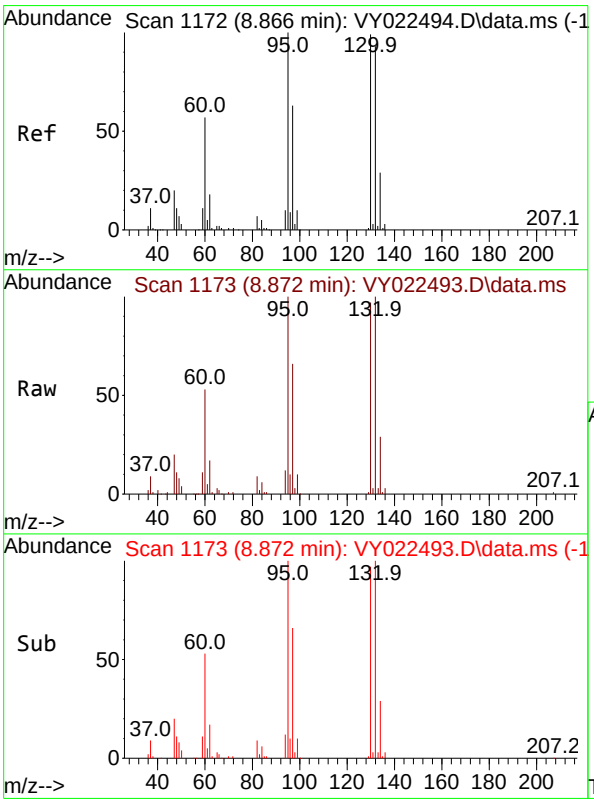
#43
Isopropyl Acetate
Concen: 21.814 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 73745

Ion	Ratio	Lower	Upper
43	100		
61	21.6	15.6	23.4
87	13.1	10.2	15.4

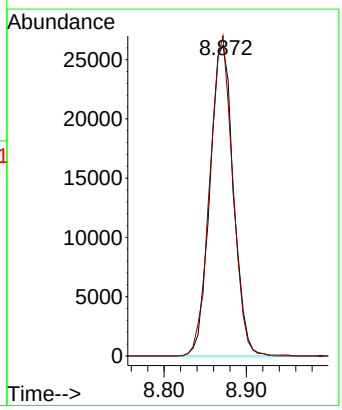


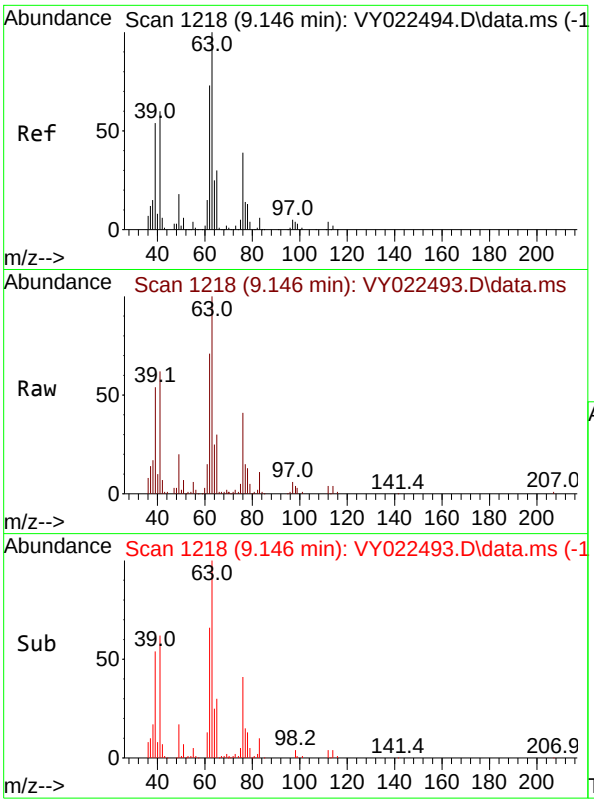


#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:130 Resp: 52175

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	203.0



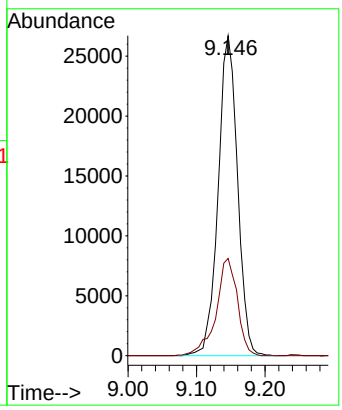


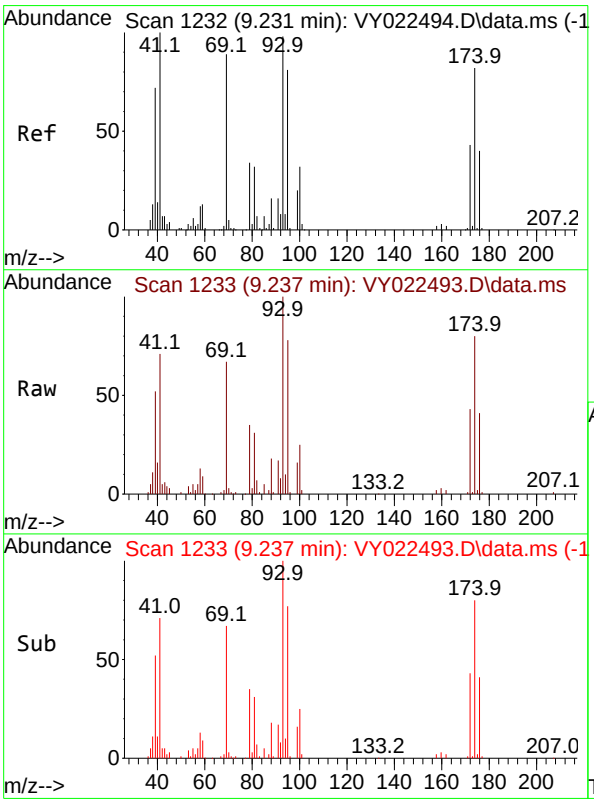
#45
1,2-Dichloropropane
Concen: 21.204 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 52378

Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.0	36.0

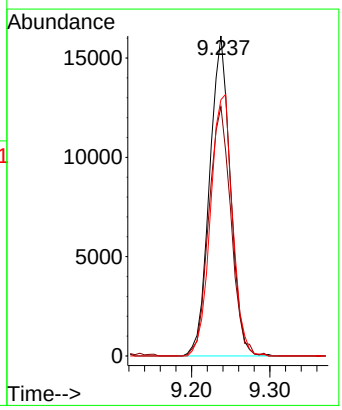


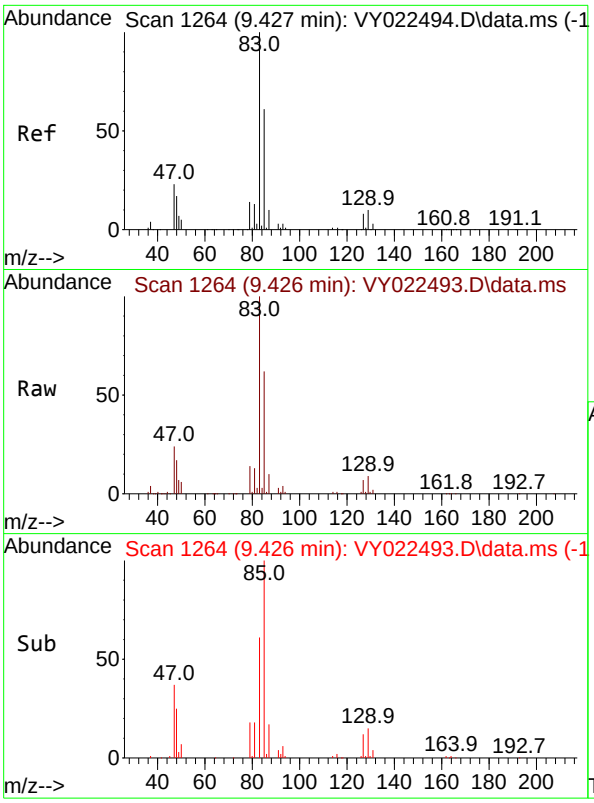


#46
Dibromomethane
Concen: 21.491 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 93 Resp: 29741

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	86.2	70.4	105.6



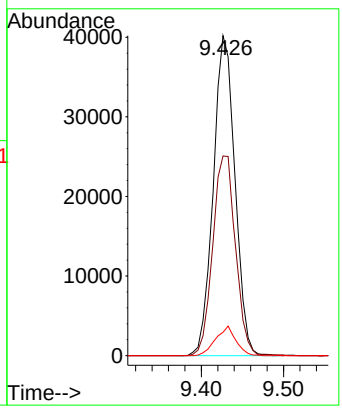


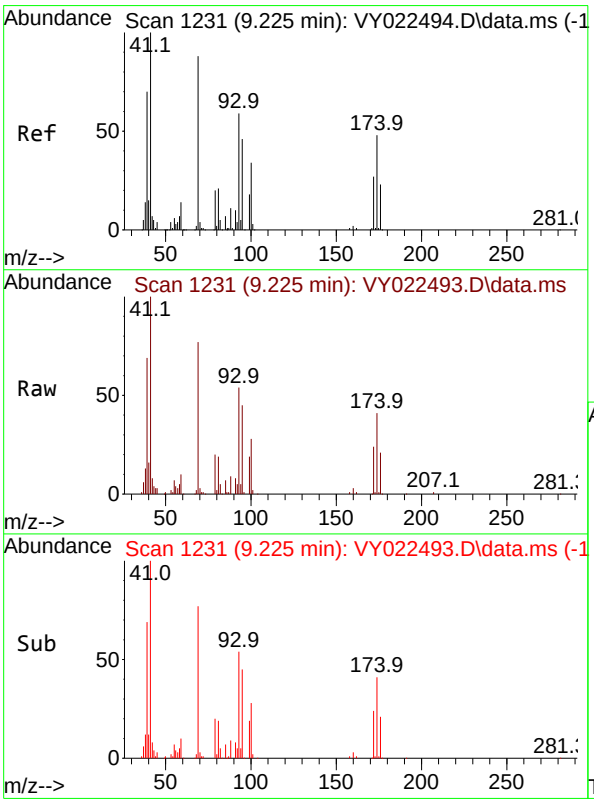
#47
Bromodichloromethane
Concen: 20.995 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 73717

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.1	73.7
127	7.3	6.2	9.4

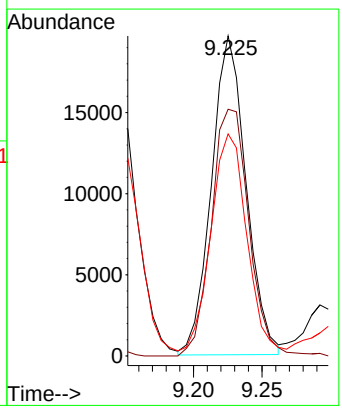


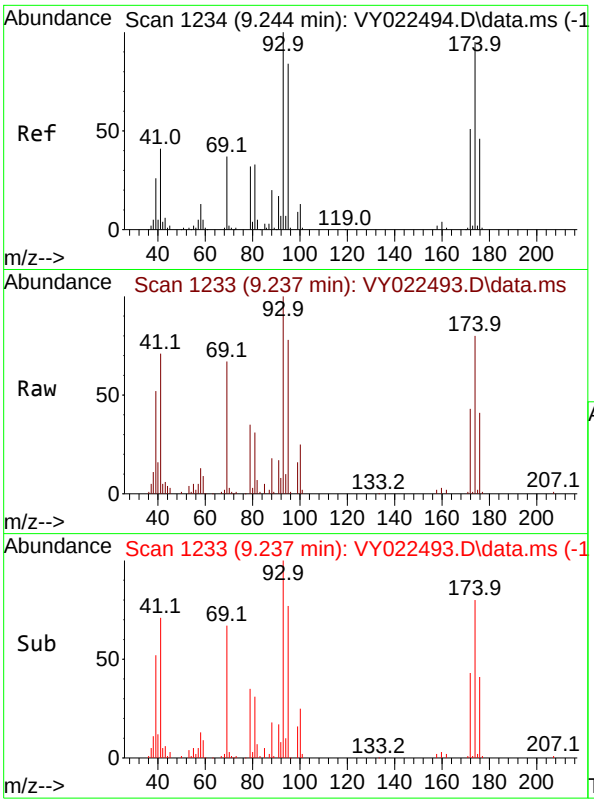


#48
Methyl methacrylate
Concen: 22.294 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 41 Resp: 34508

Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.8	101.8
39	69.9	55.0	82.4



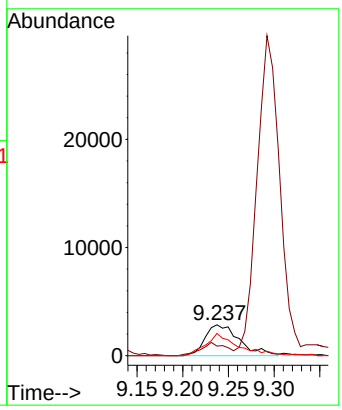


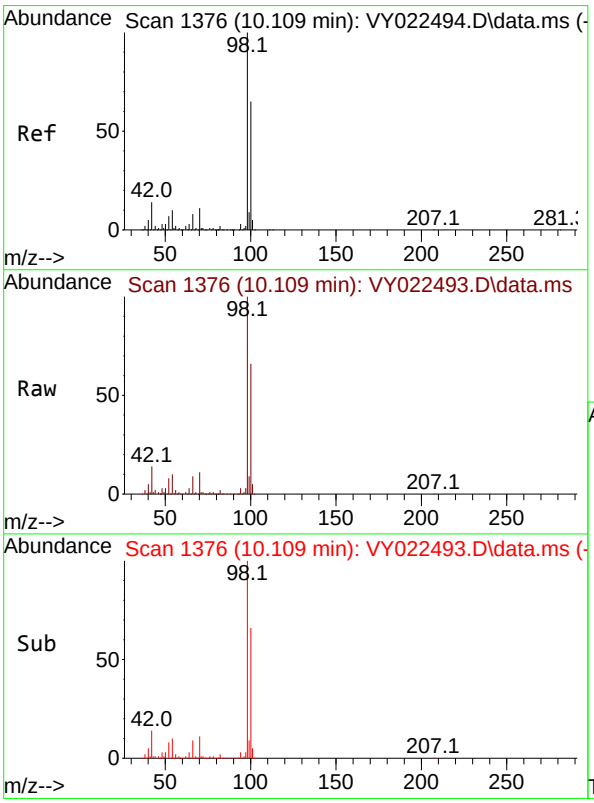
#49
1,4-Dioxane
Concen: 450.895 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 7444

Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.4	38.2
58	67.3	54.9	82.3

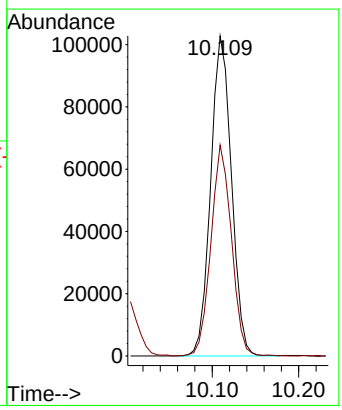


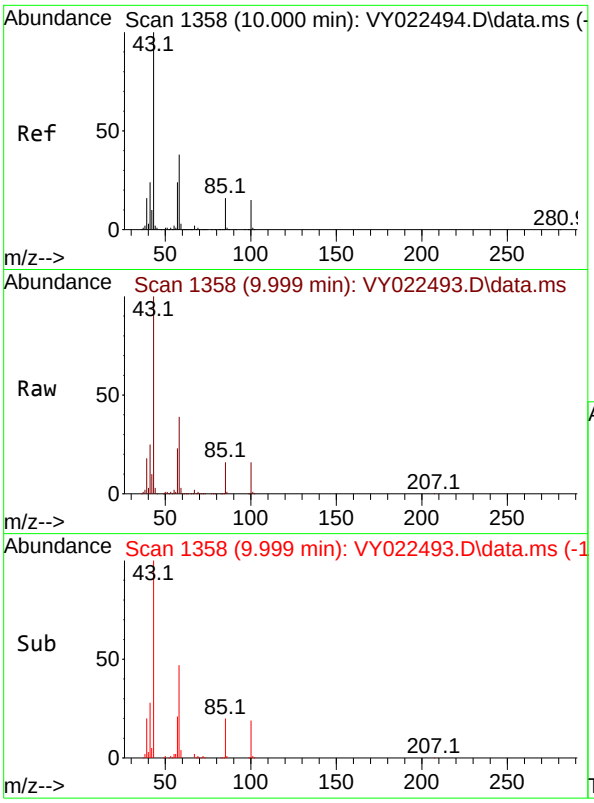


#50
Toluene-d8
Concen: 19.474 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 98 Resp: 171165

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0



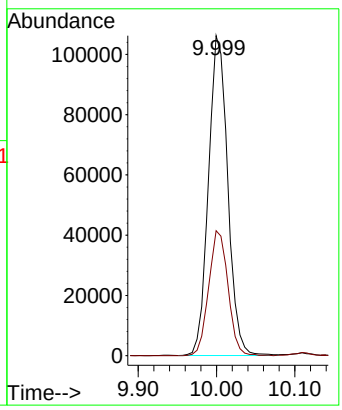


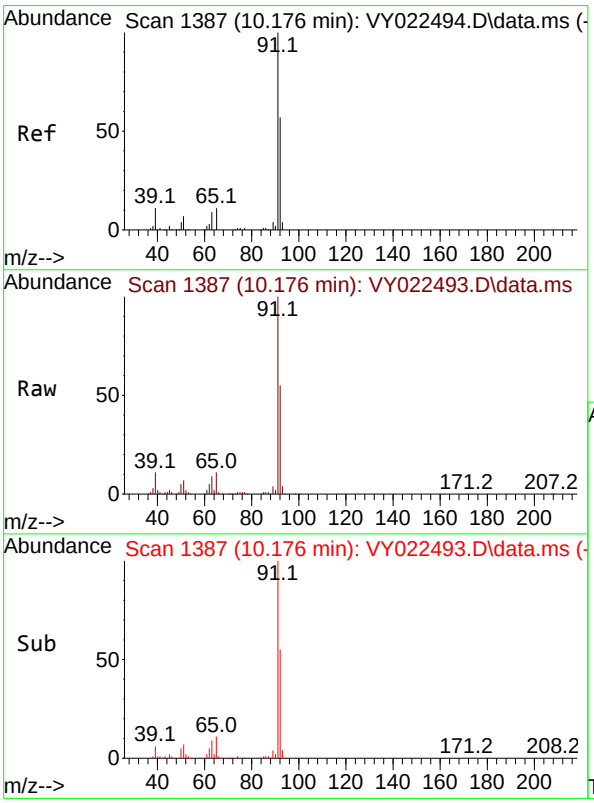
#51
4-Methyl-2-Pentanone
Concen: 108.147 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 181461

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6

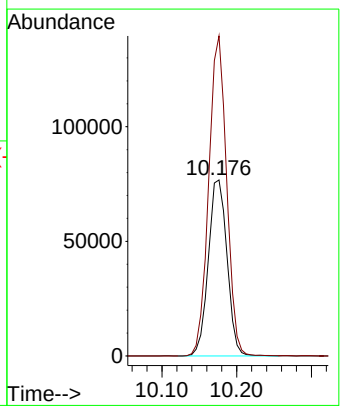


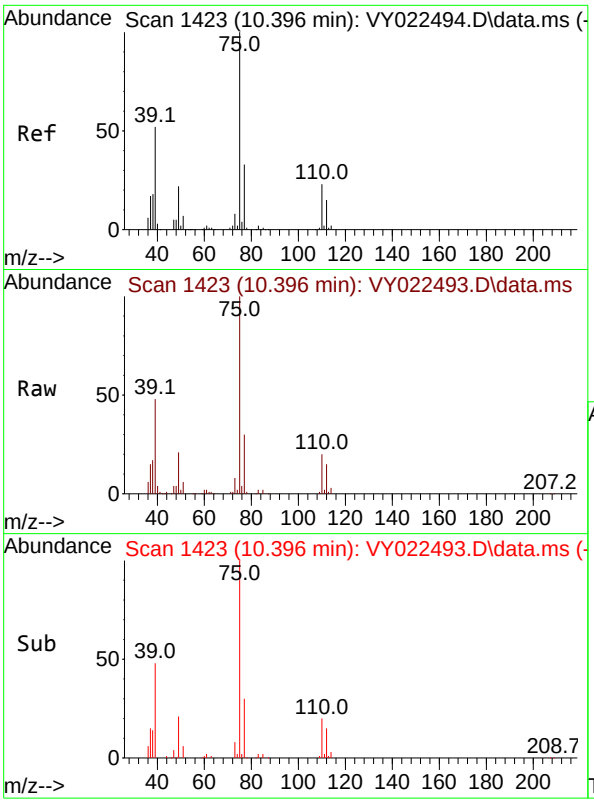


#52
Toluene
Concen: 20.508 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 92 Resp: 133601

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.0	208.4



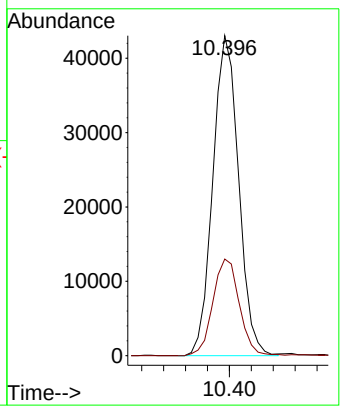


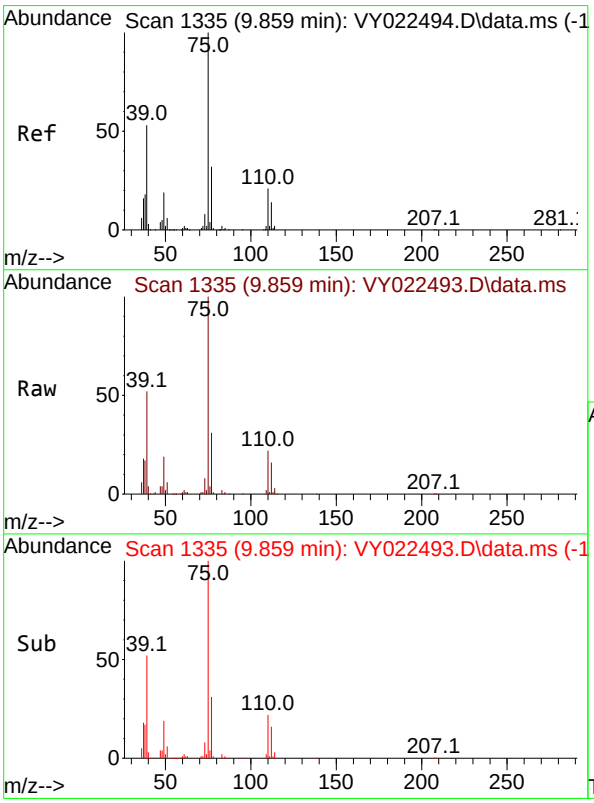
#53
t-1,3-Dichloropropene
Concen: 21.660 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 70358

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.5	39.7

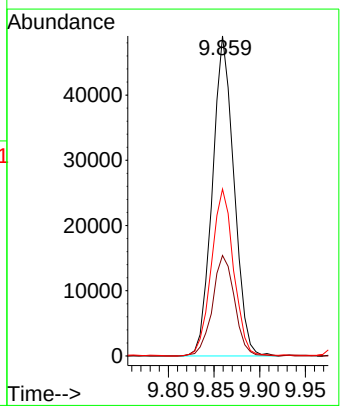


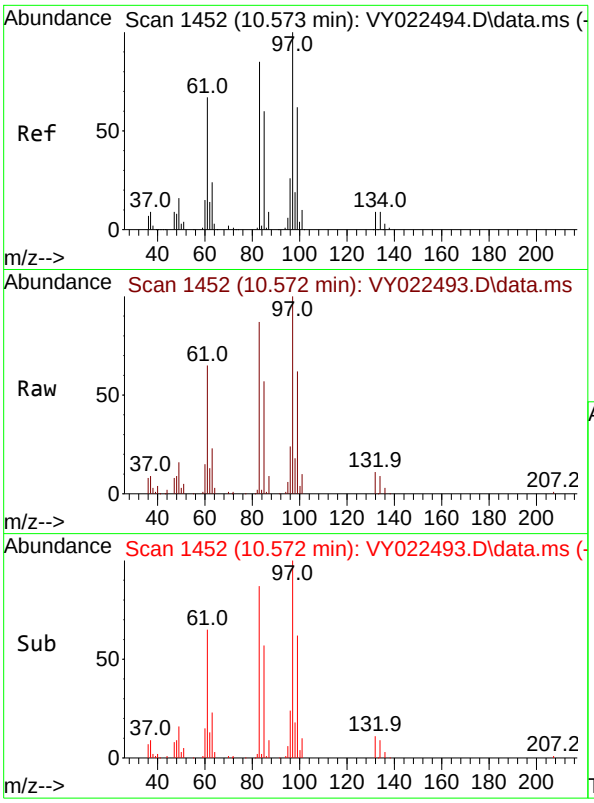


#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 80524

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	52.1	42.7	64.1



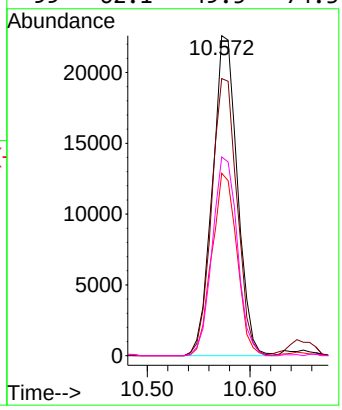


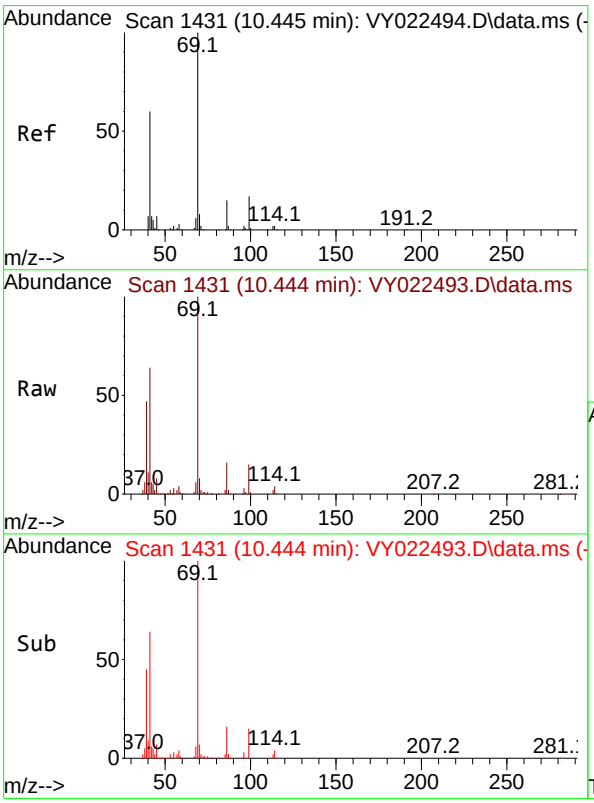
#55
1,1,2-Trichloroethane
Concen: 21.849 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 38079

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	57.0	48.2	72.2
99	62.1	49.5	74.3

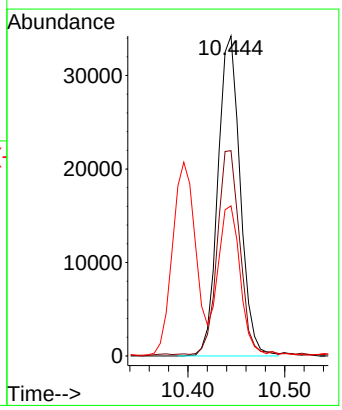


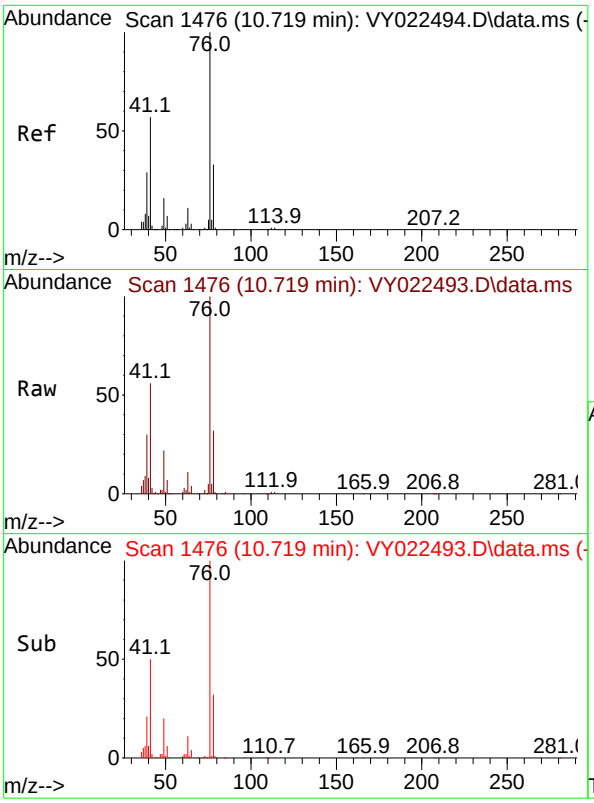


#56
Ethyl methacrylate
Concen: 21.626 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 69 Resp: 54734

Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	46.8	36.7	55.1



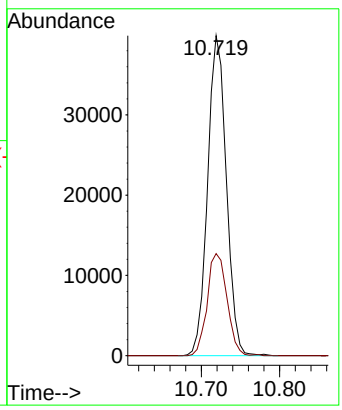


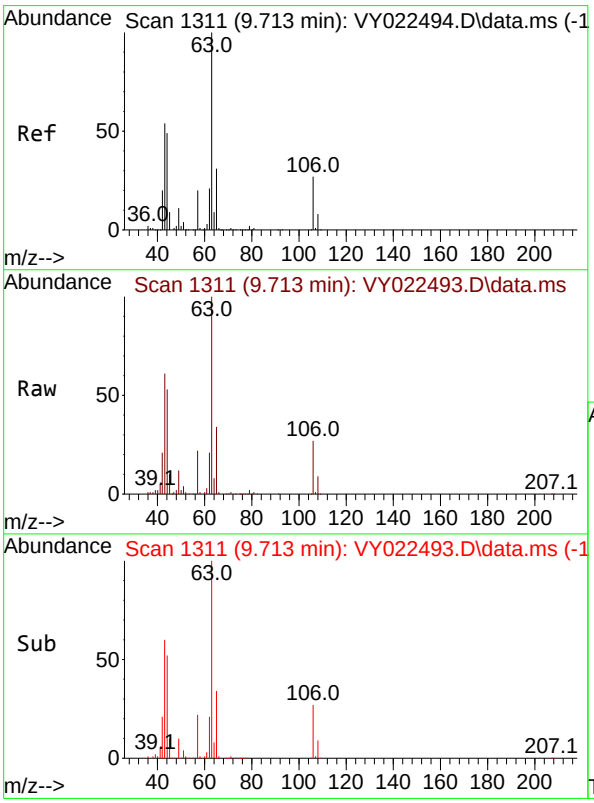
#57
1,3-Dichloropropane
Concen: 21.317 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 66163

Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.8	38.8

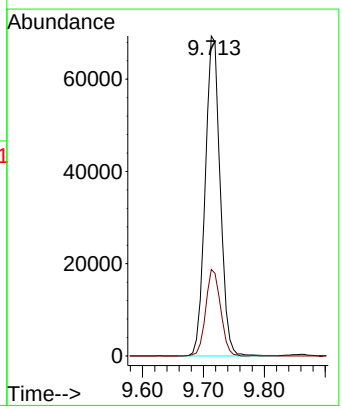


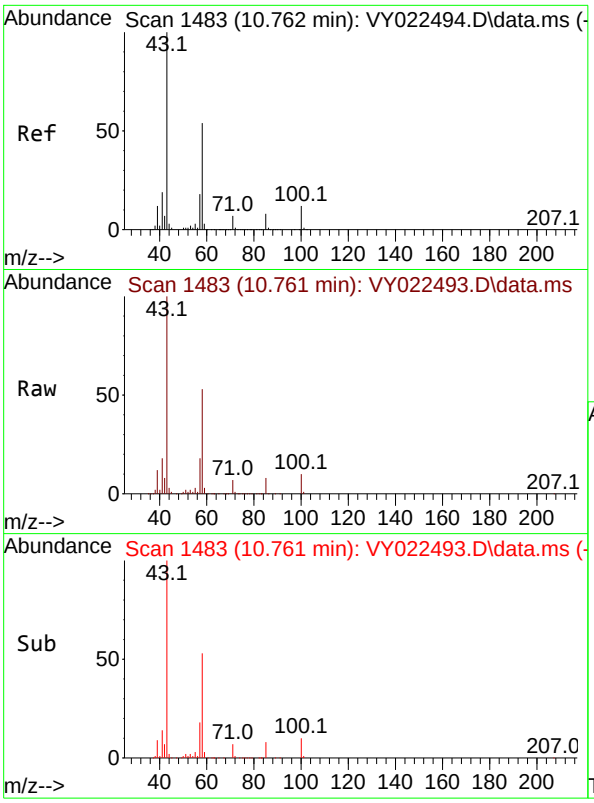


#58
2-Chloroethyl Vinyl ether
Concen: 104.797 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 63 Resp: 118244

Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4



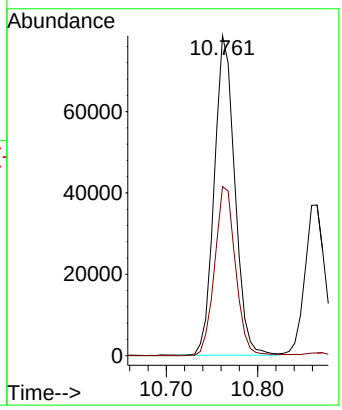


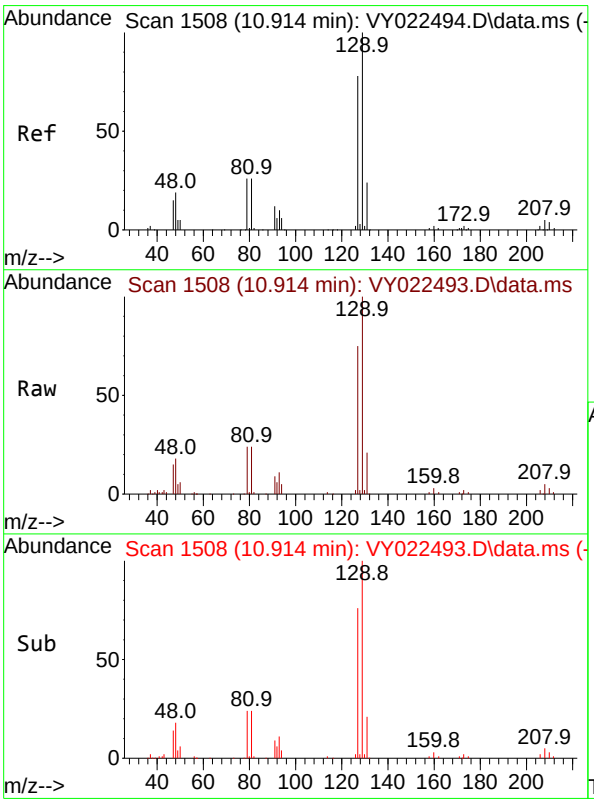
#59
2-Hexanone
Concen: 109.805 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 122817

Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.3	81.8

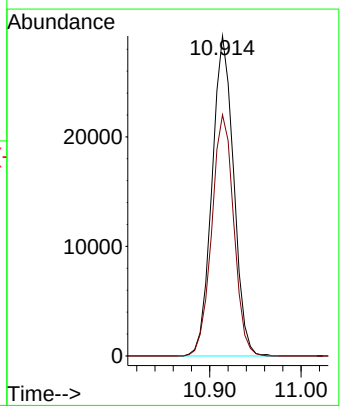


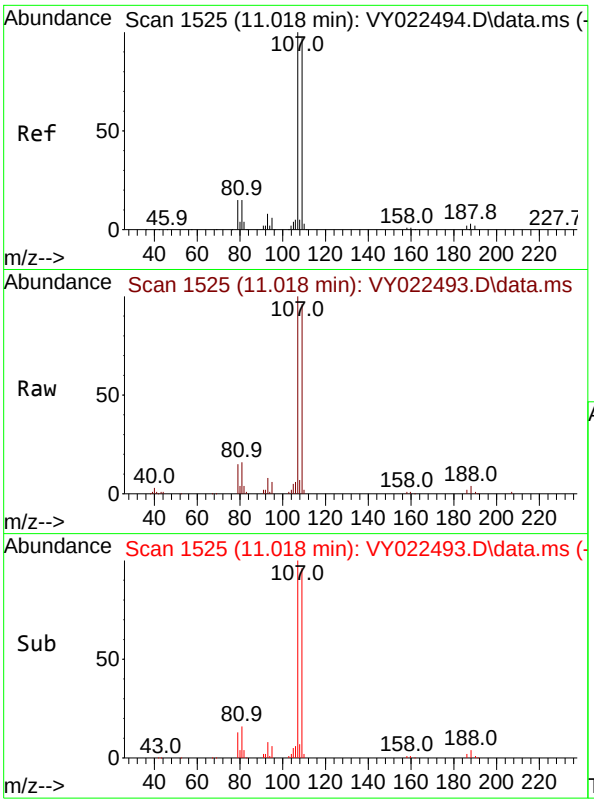


#60
Dibromochloromethane
Concen: 21.715 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:129 Resp: 47952

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.1	117.2



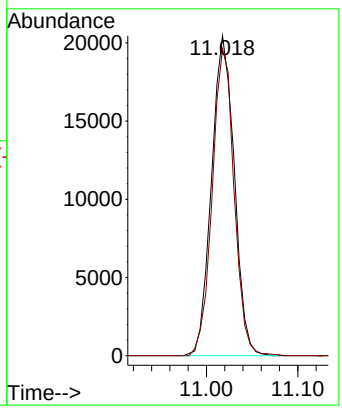


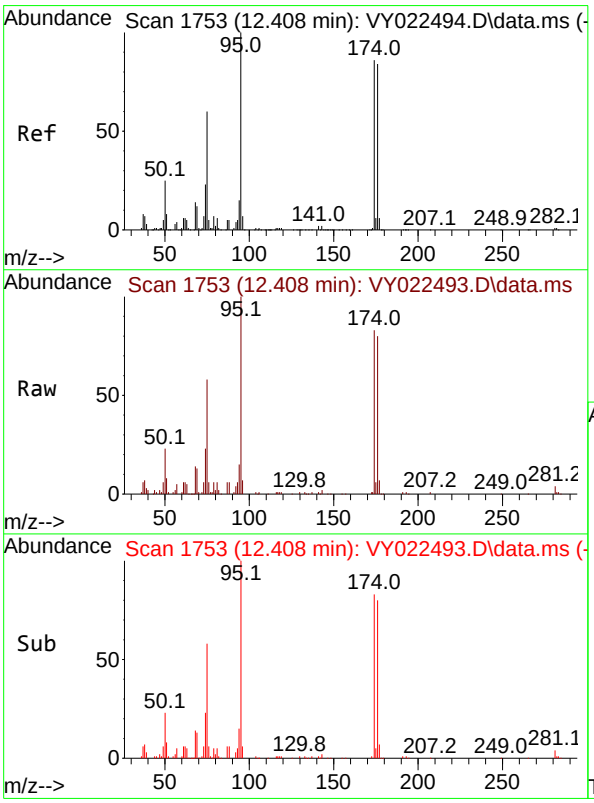
#61
1,2-Dibromoethane
Concen: 21.965 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 35324

Ion	Ratio	Lower	Upper
107	100		
109	92.4	77.7	116.5

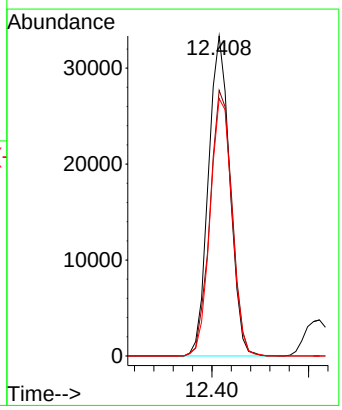


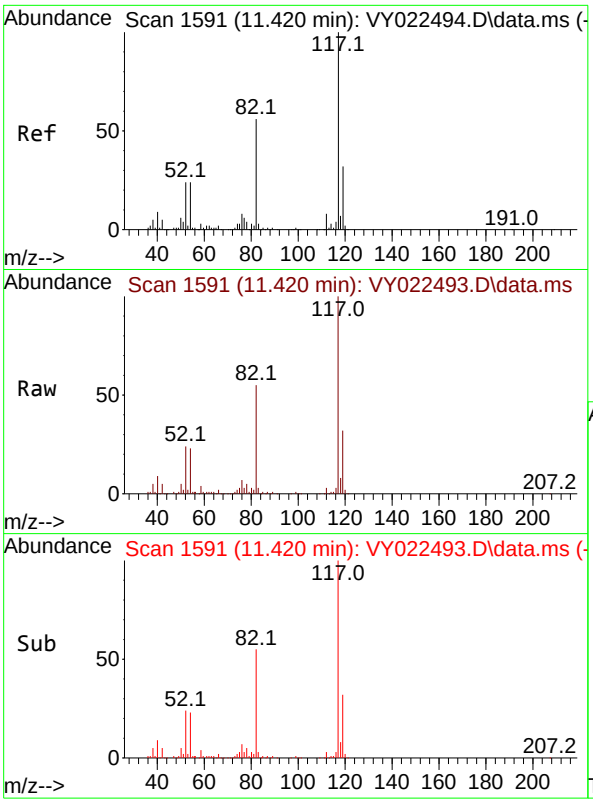


#62
4-Bromofluorobenzene
Concen: 19.225 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 95 Resp: 51231

Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	170.0
176	82.3	0.0	166.2



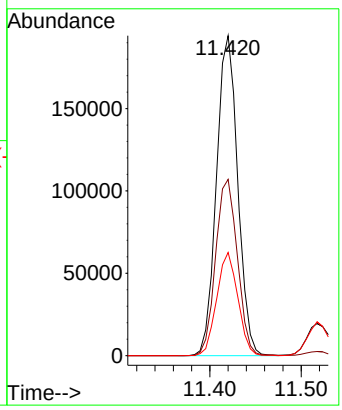


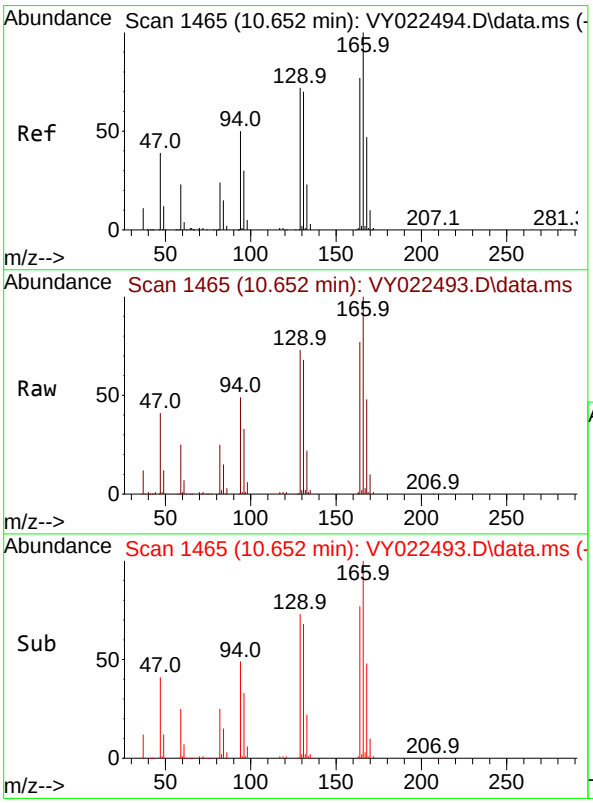
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 314276

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.2	25.4	38.0

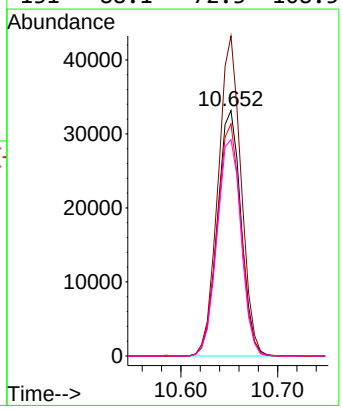


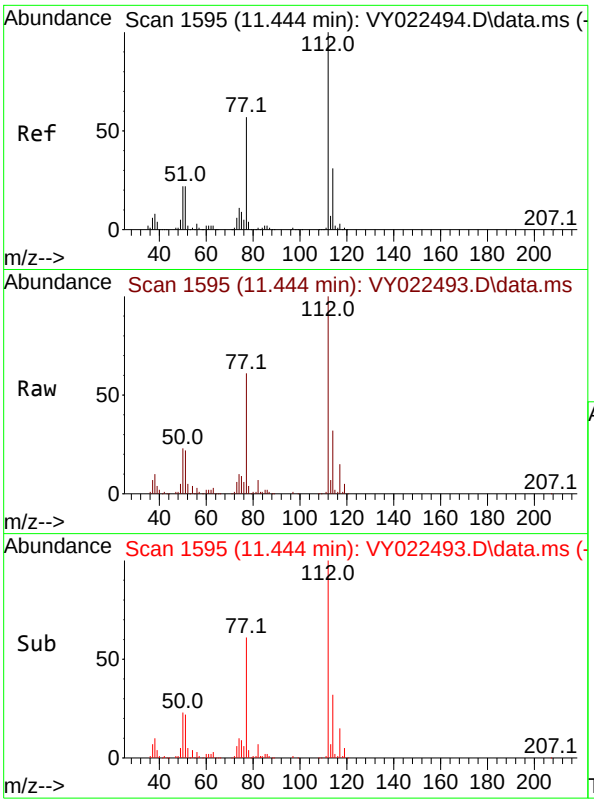


#64
Tetrachloroethene
Concen: 21.063 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:164 Resp: 56256

Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.0	156.0
129	94.6	74.5	111.7
131	88.1	72.3	108.5



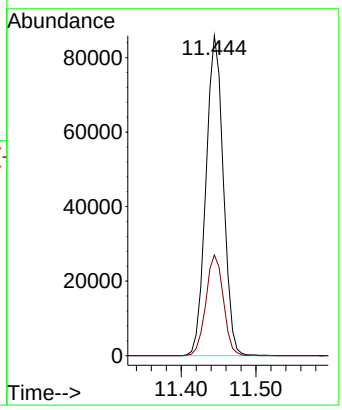


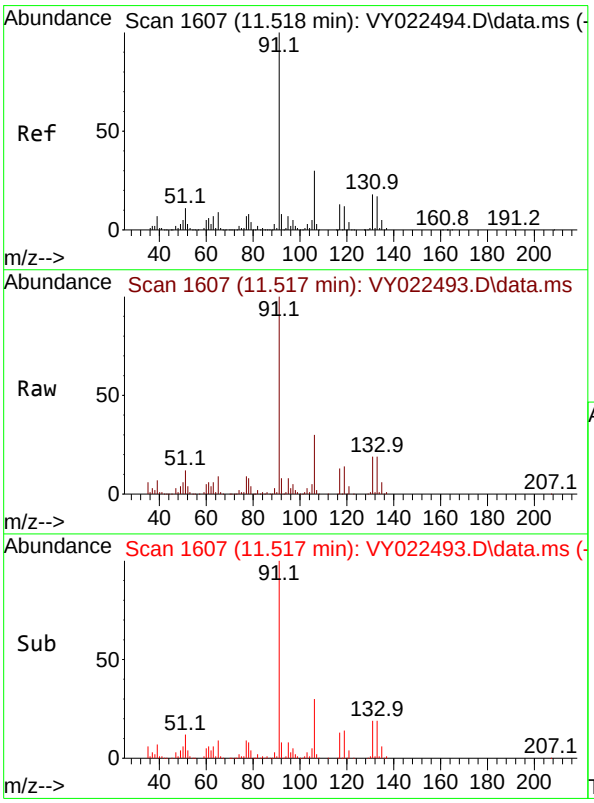
#65
Chlorobenzene
Concen: 20.336 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 138583

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.0	37.6

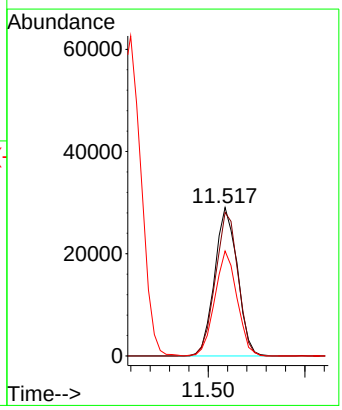


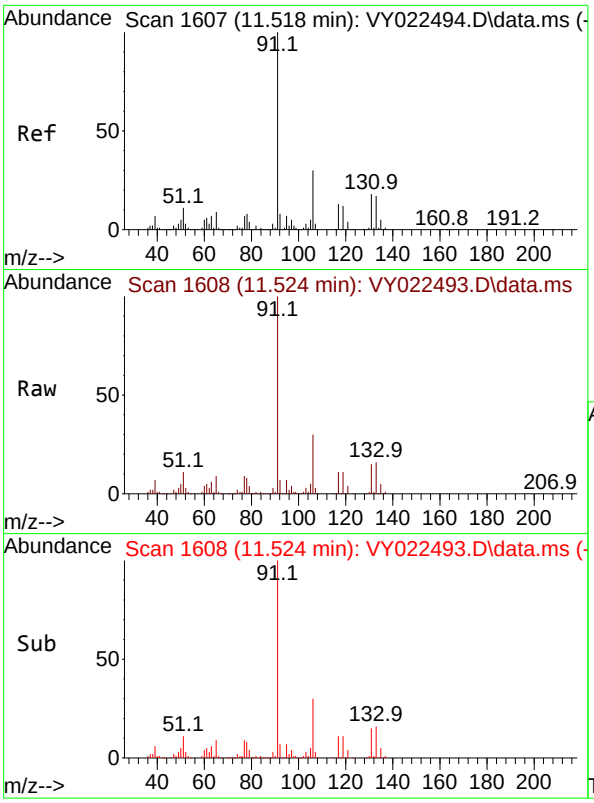


#66
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:131 Resp: 47587

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.8
119	68.9	33.1	99.3



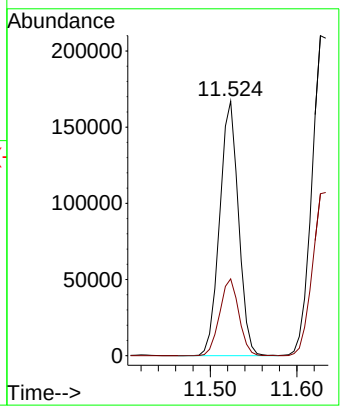


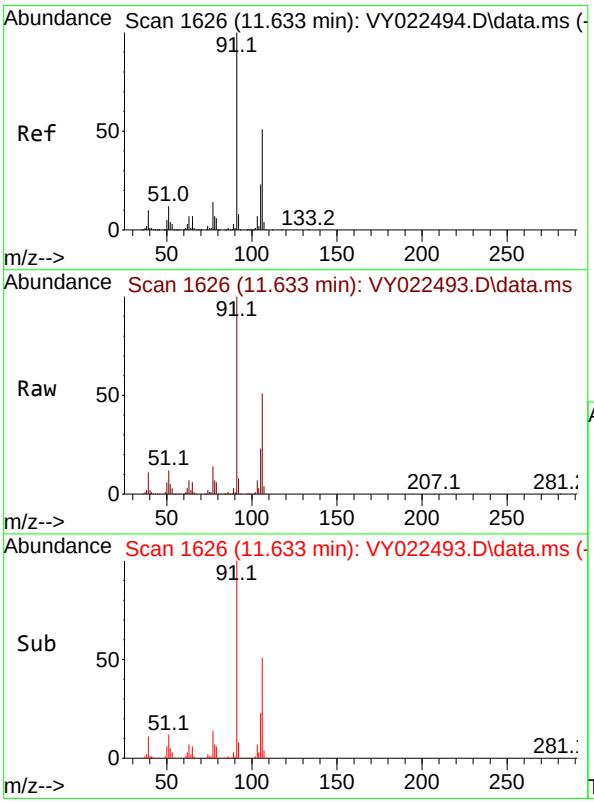
#67
Ethyl Benzene
Concen: 19.871 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 252180

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4

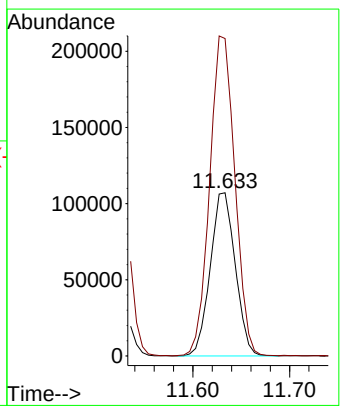


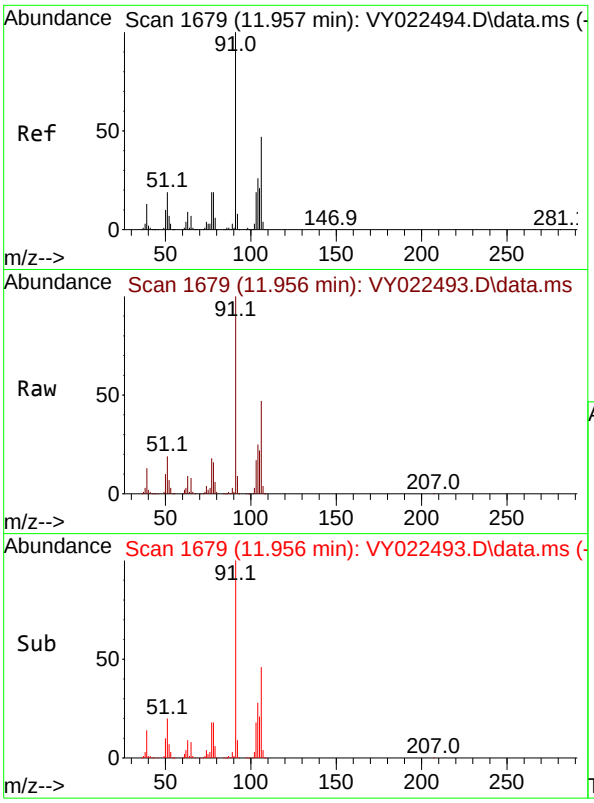


#68
m/p-Xylenes
Concen: 40.053 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:106 Resp: 192372

Ion	Ratio	Lower	Upper
106	100		
91	197.2	159.4	239.0



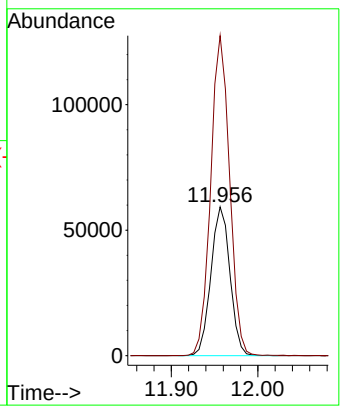


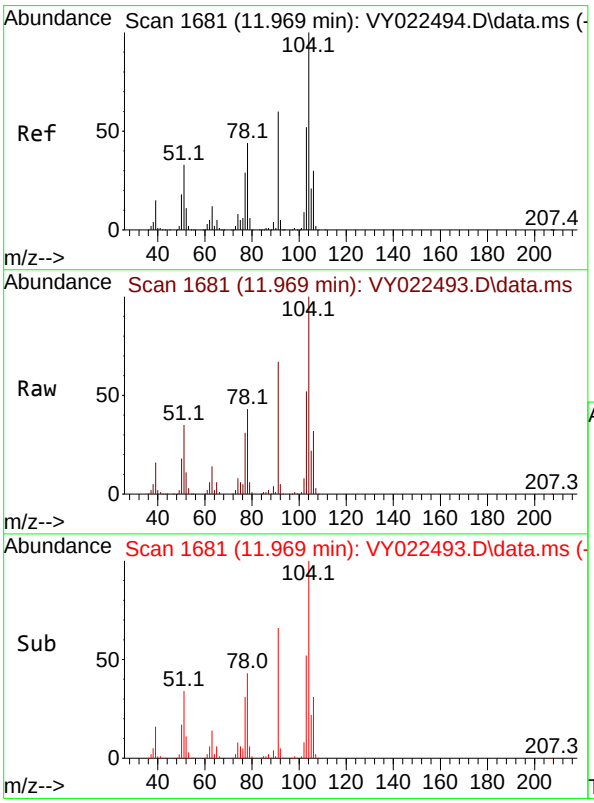
#69
o-Xylene
Concen: 20.155 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 90598

Ion	Ratio	Lower	Upper
106	100		
91	214.1	105.8	317.3

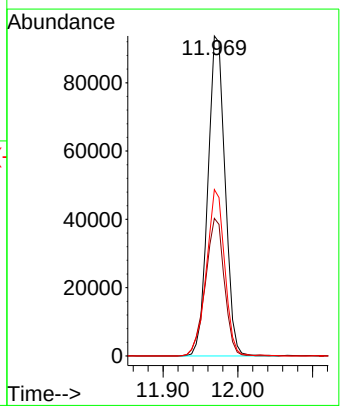


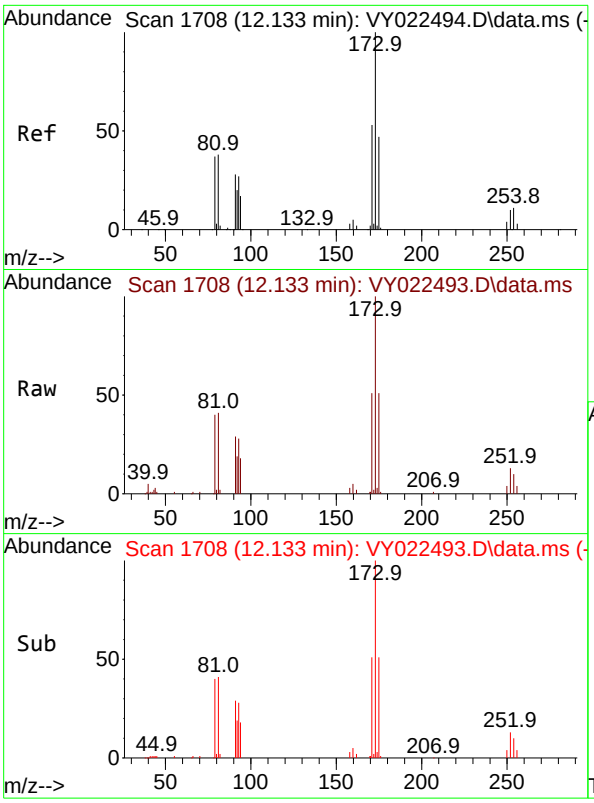


#70
Styrene
Concen: 20.086 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:104 Resp: 149486

Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.5	59.3
103	55.4	44.1	66.1



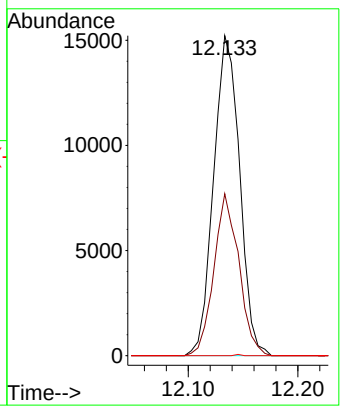


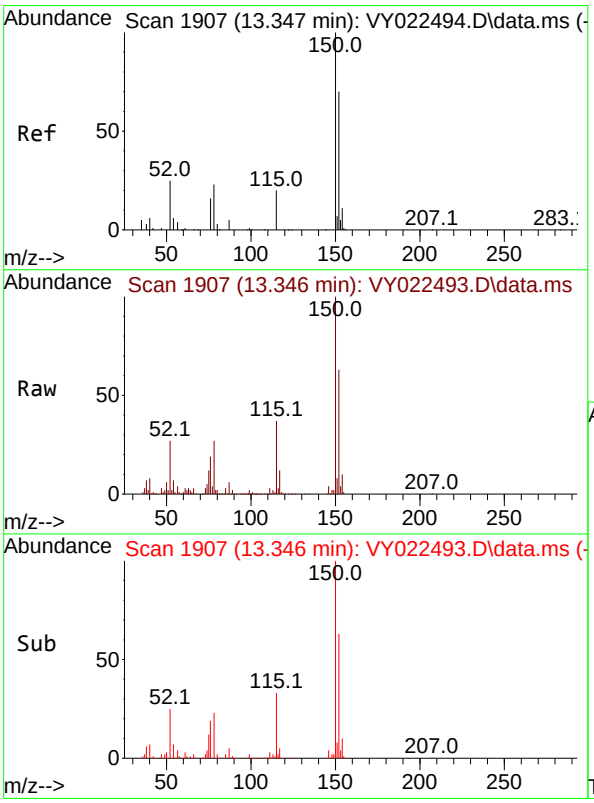
#71
Bromoform
Concen: 20.668 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 25089

Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.1	0.0	0.0#

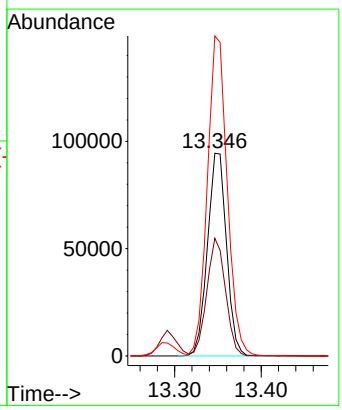


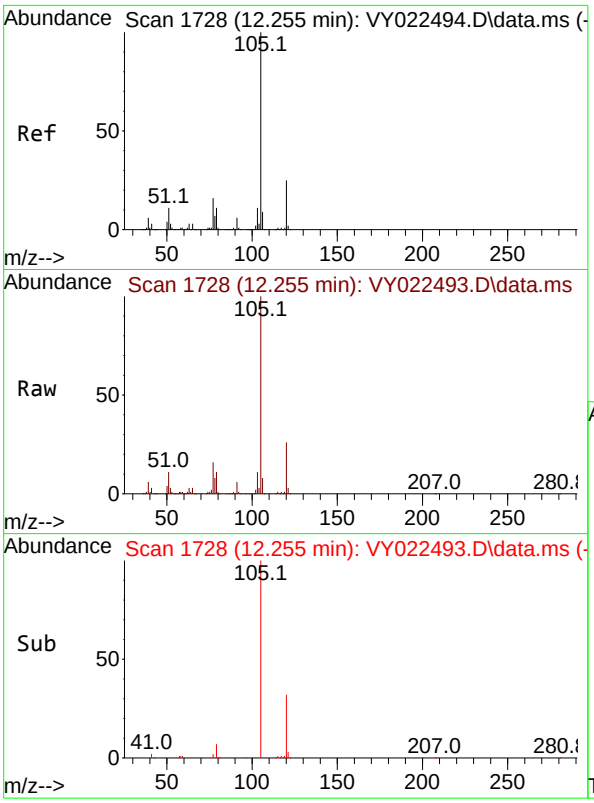


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:152 Resp: 144385

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.9	86.7
150	164.8	0.0	349.6



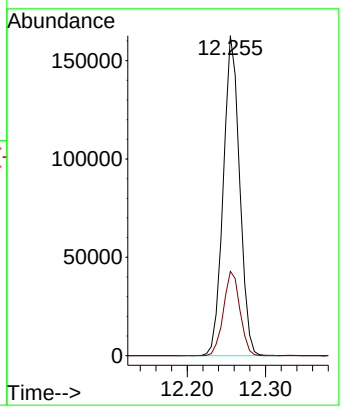


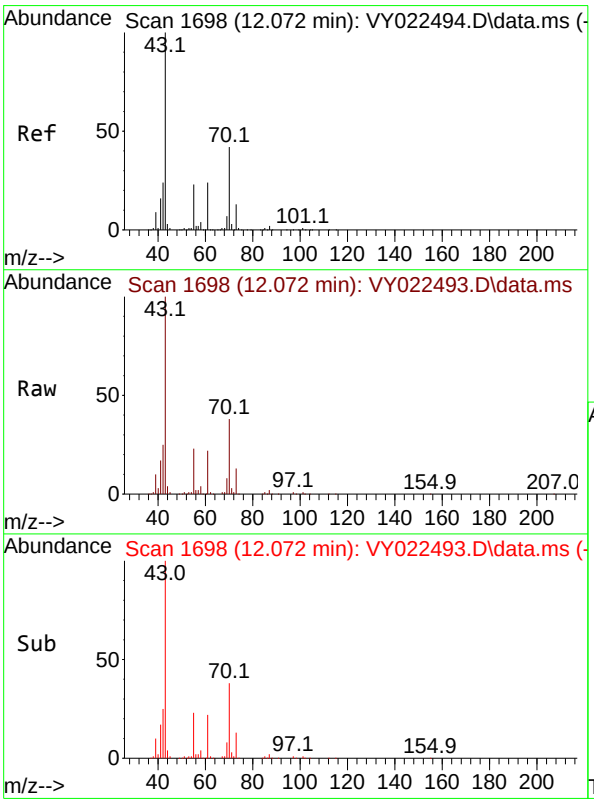
#73
Isopropylbenzene
Concen: 20.303 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 236185

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9

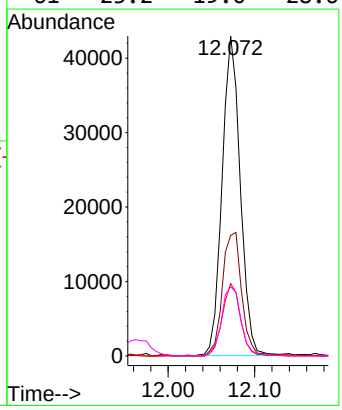


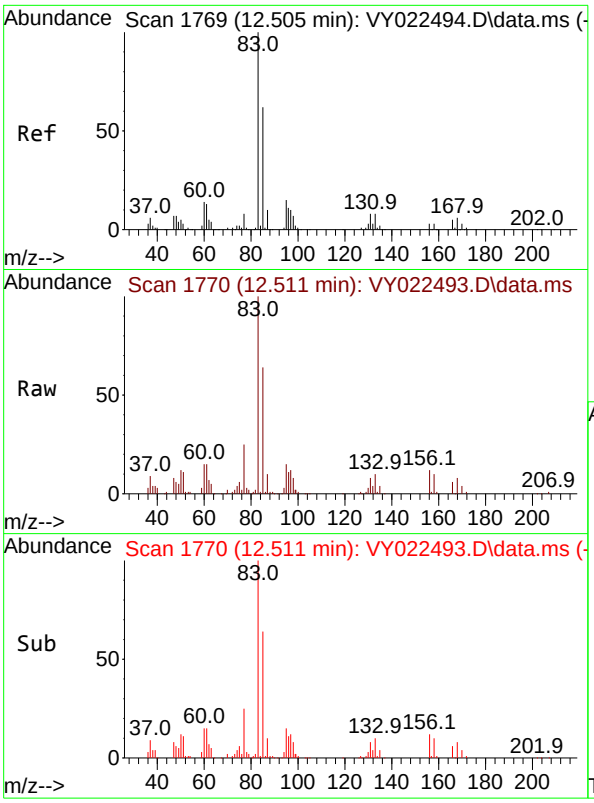


#74
N-amyl acetate
Concen: 21.224 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 43 Resp: 62437

Ion	Ratio	Lower	Upper
43	100		
70	41.2	34.2	51.2
55	22.6	18.2	27.4
61	23.2	19.0	28.6



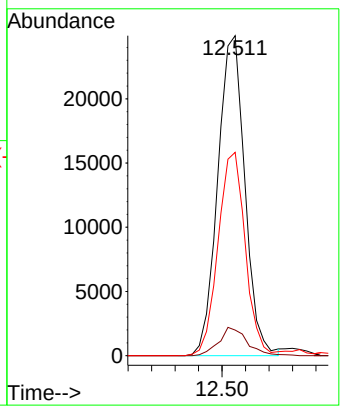


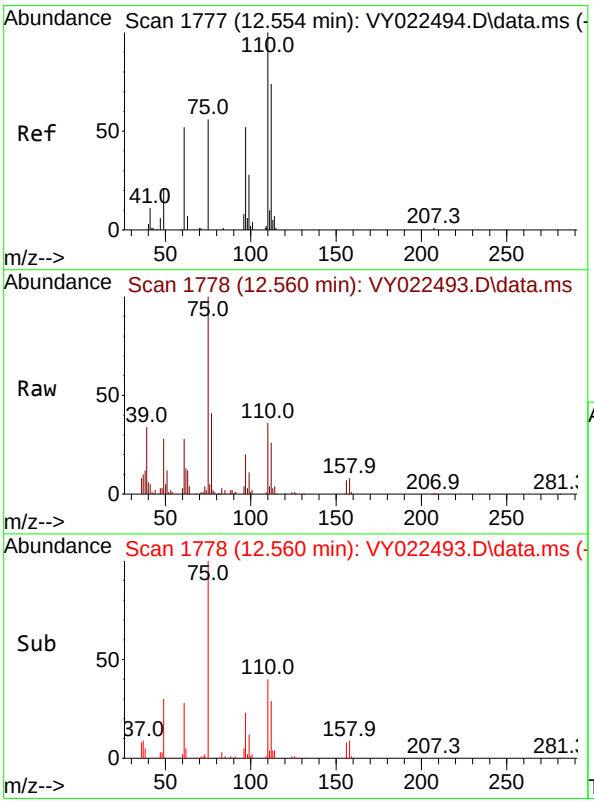
#75
1,1,2,2-Tetrachloroethane
Concen: 21.165 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 39986

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	63.8	32.6	97.8

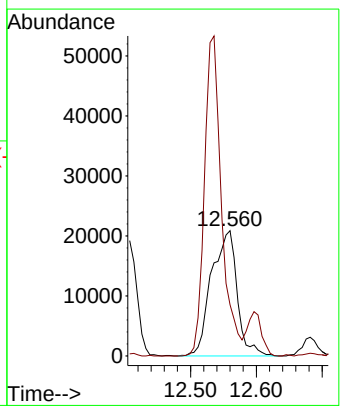


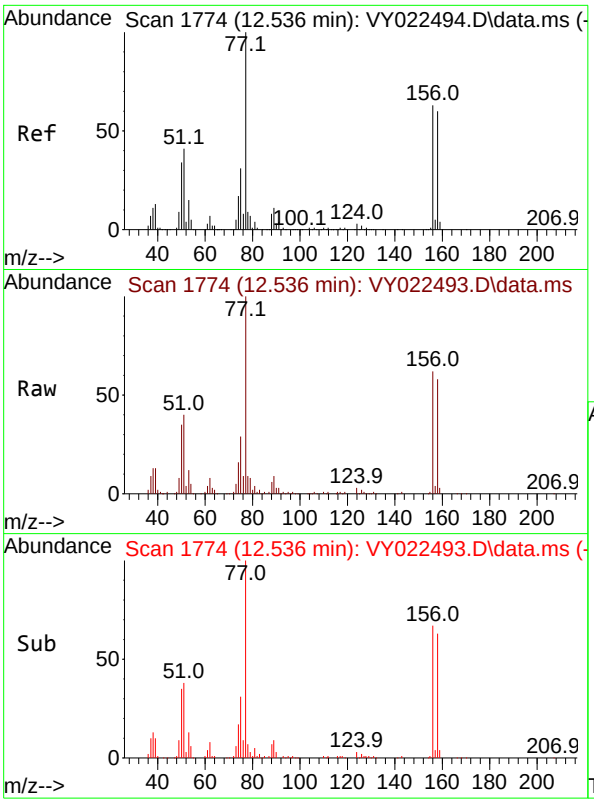


#76
1,2,3-Trichloropropane
Concen: 29.805 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 56811

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



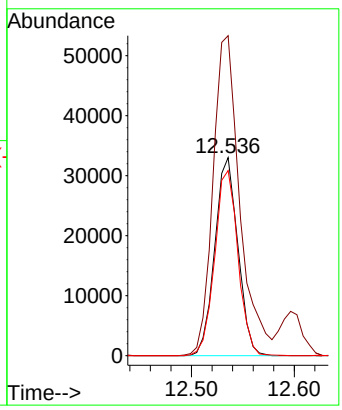


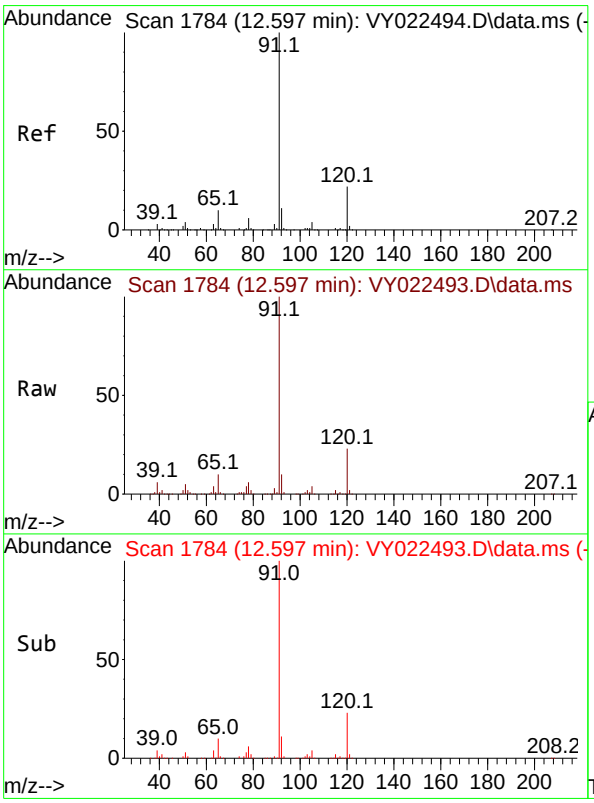
#77
Bromobenzene
Concen: 20.853 ug/l
RT: 12.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 51416

Ion	Ratio	Lower	Upper
156	100		
77	187.6	94.0	282.1
158	94.2	48.2	144.6

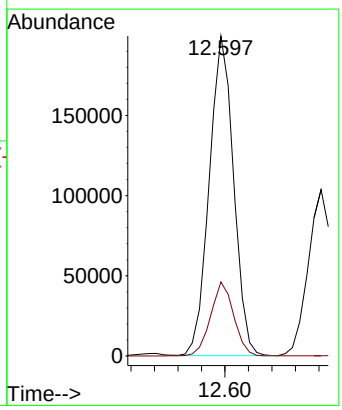


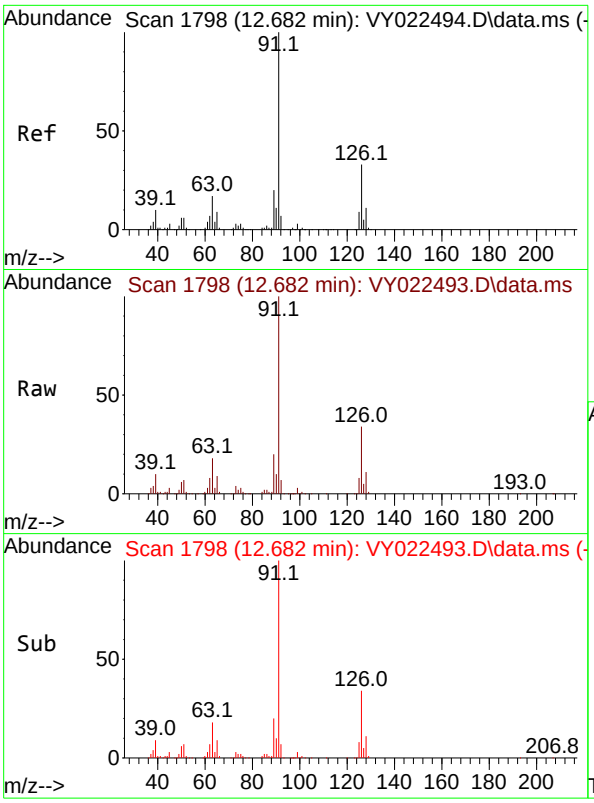


#78
n-propylbenzene
Concen: 20.239 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 286589

Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.8	32.4



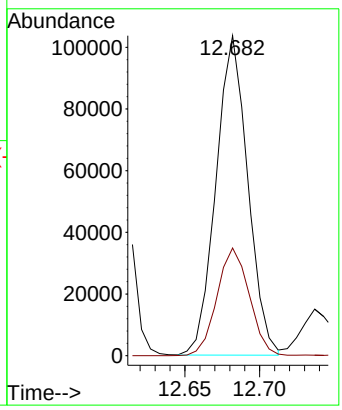


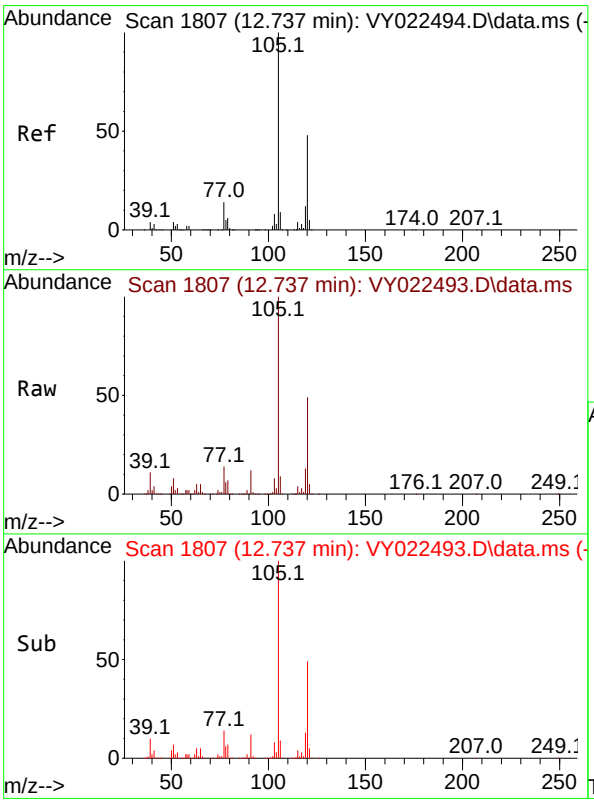
#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 153250

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	51.0

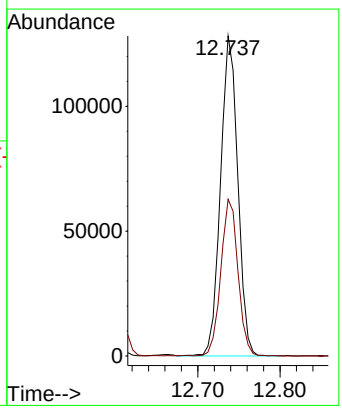


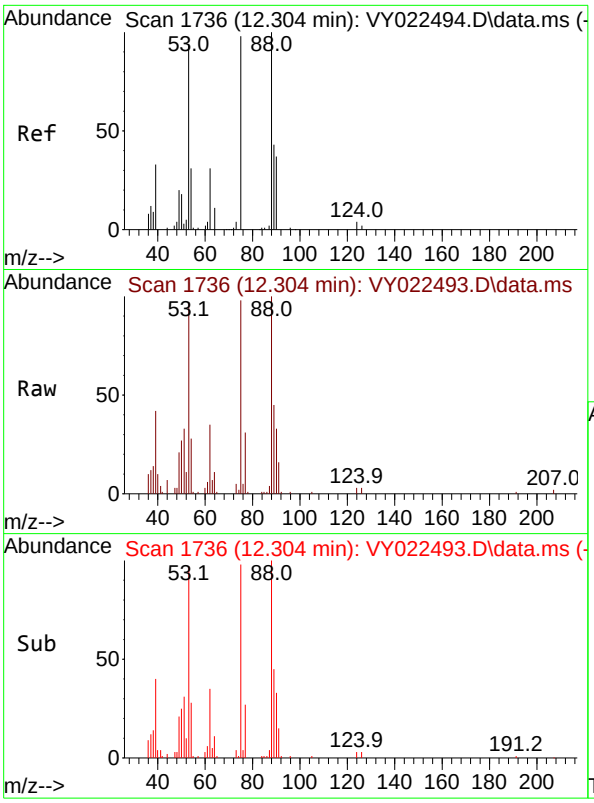


#80
1,3,5-Trimethylbenzene
Concen: 20.570 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 187101

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.4



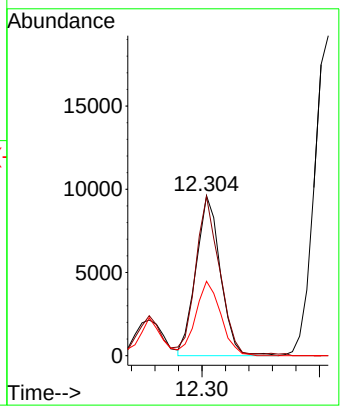


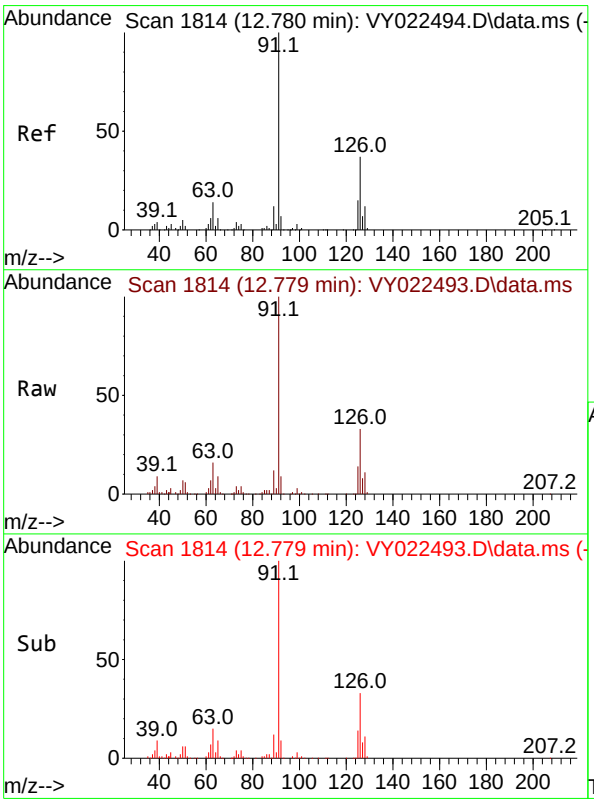
#81
trans-1,4-Dichloro-2-butene
Concen: 20.904 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 13897

Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	47.7	35.7	53.5

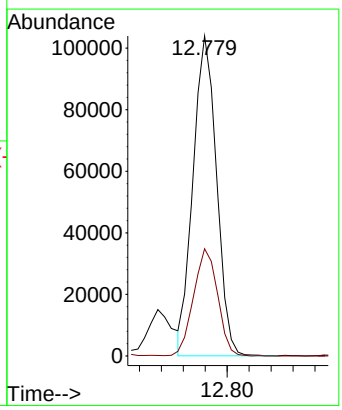


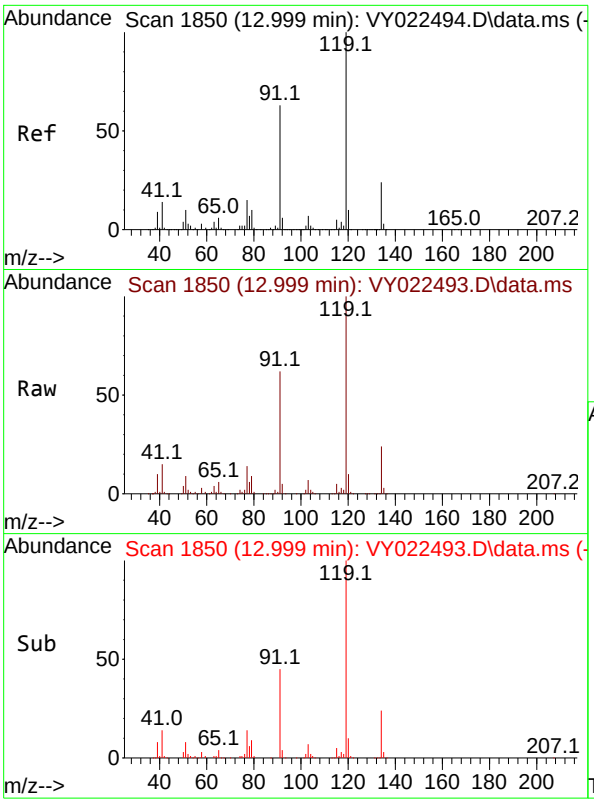


#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 91 Resp: 154601

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9



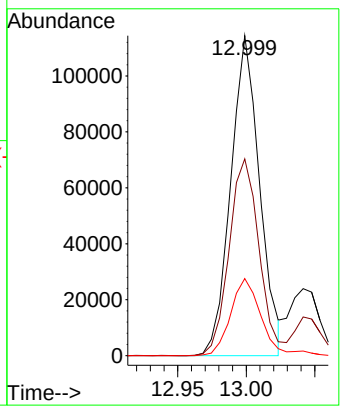


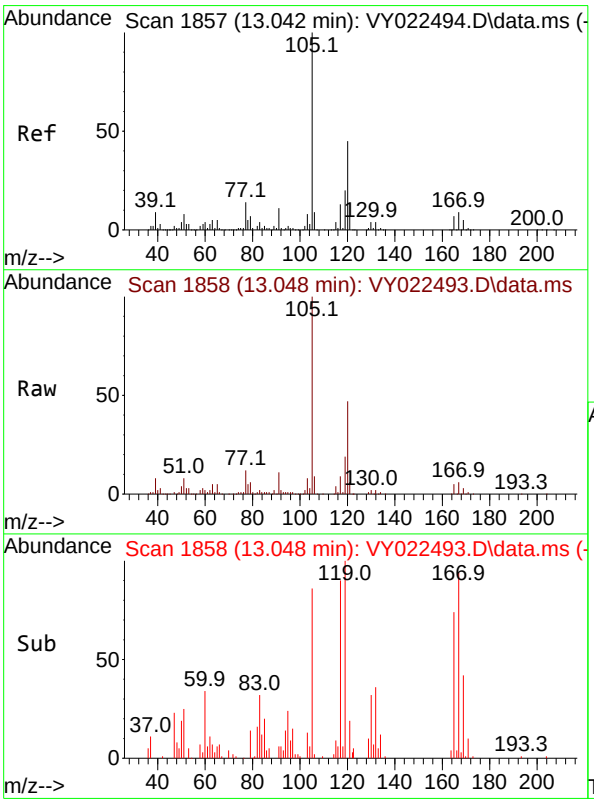
#83
tert-Butylbenzene
Concen: 20.188 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 167512

Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	25.7	13.0	38.9

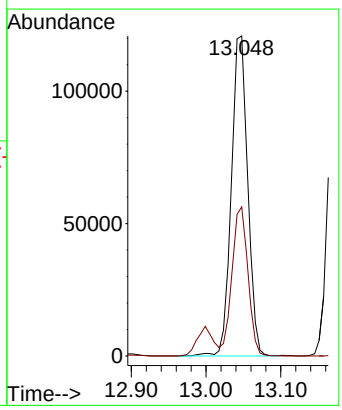


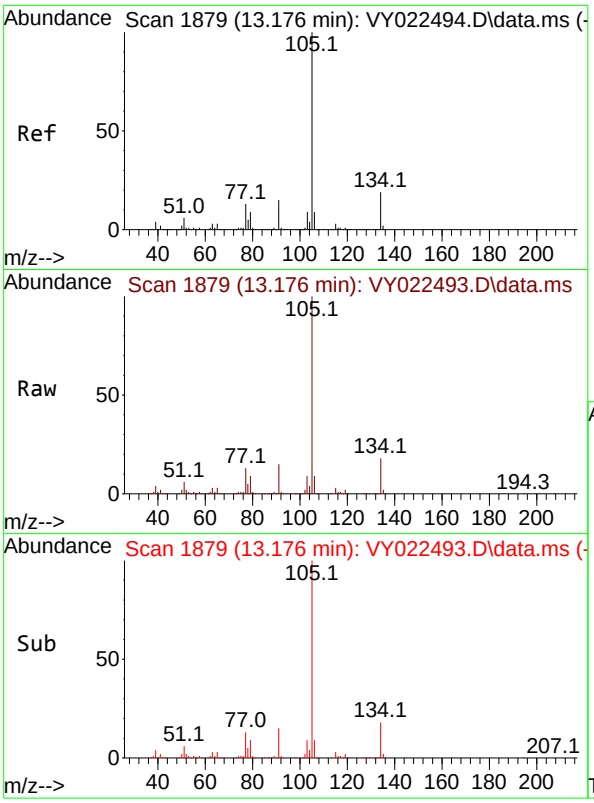


#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:105 Resp: 184202

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.1



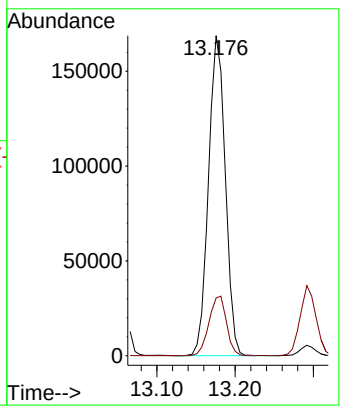


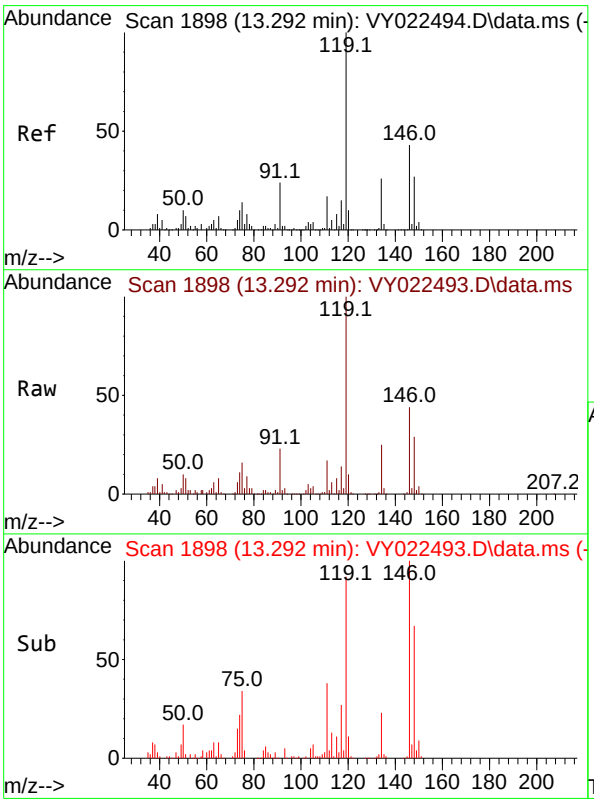
#85
sec-Butylbenzene
Concen: 19.979 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 251350

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

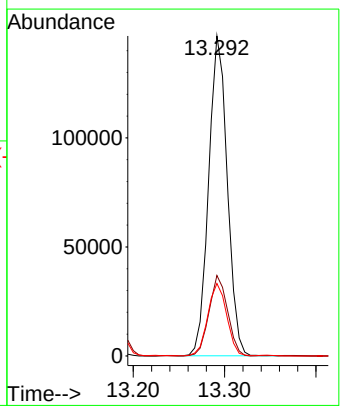


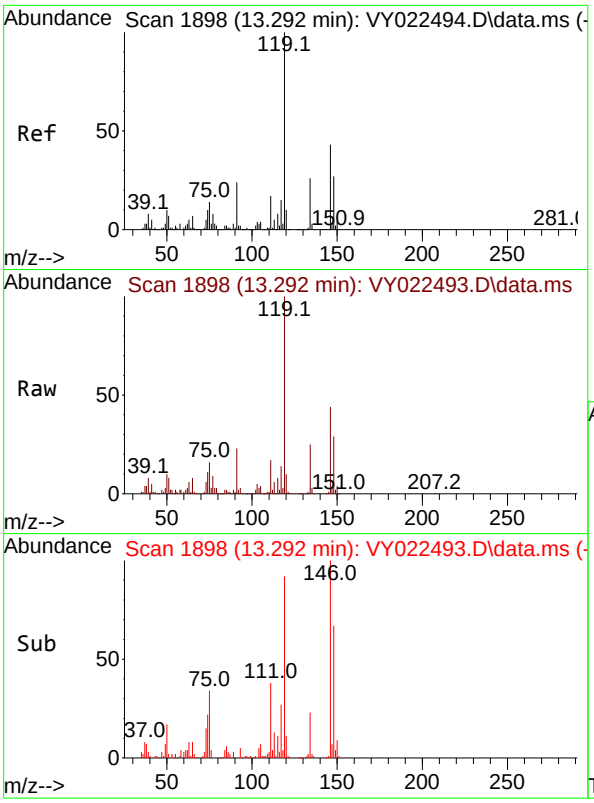


#86
p-Isopropyltoluene
Concen: 20.054 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:119 Resp: 207417

Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.1	39.1
91	22.8	11.6	34.8



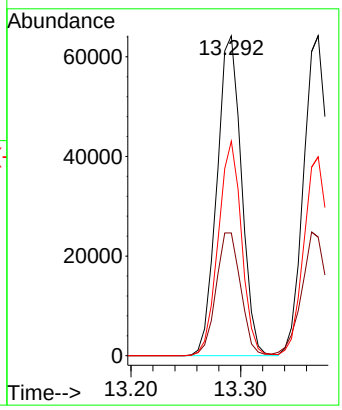


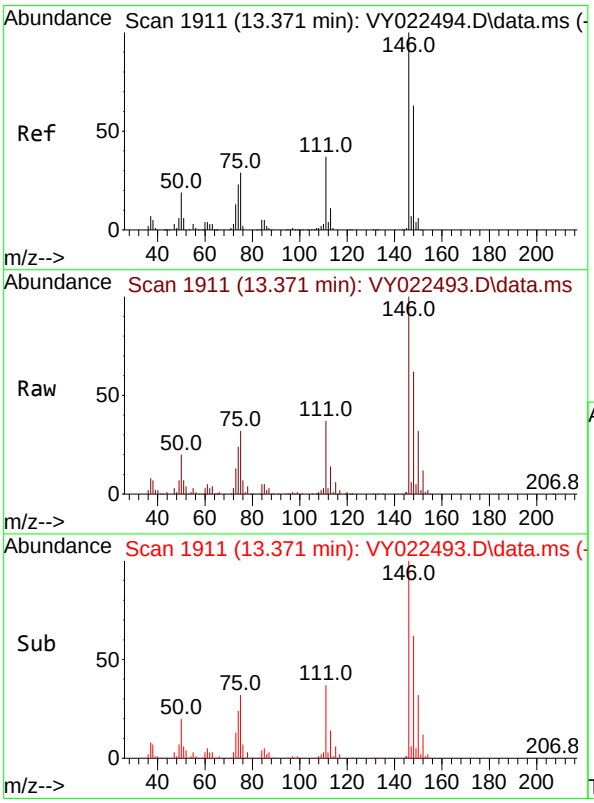
#87
1,3-Dichlorobenzene
Concen: 20.252 ug/l
RT: 13.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99901

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	63.9	32.1	96.3

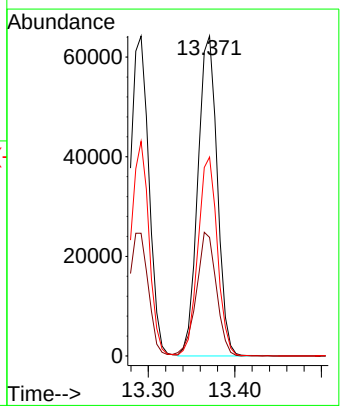


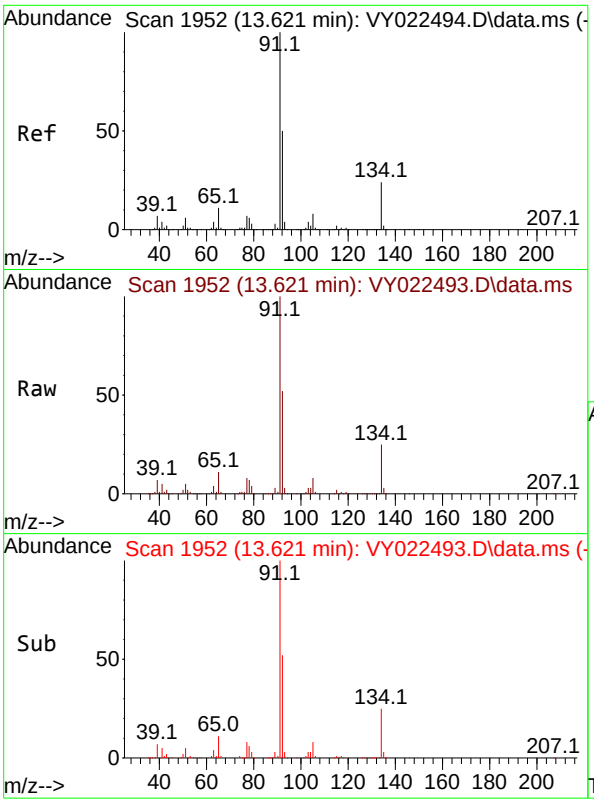


#88
1,4-Dichlorobenzene
Concen: 20.823 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:146 Resp: 100082

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	62.1	31.6	94.8



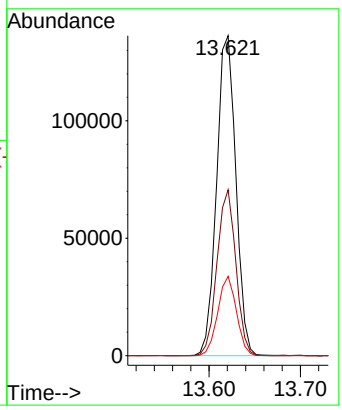


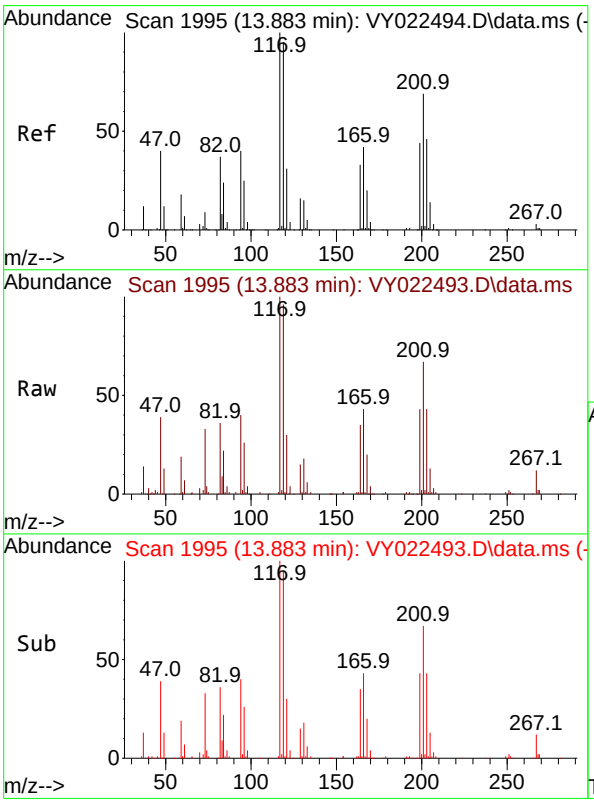
#89
n-Butylbenzene
Concen: 20.287 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 199786

Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.9	77.8
134	24.1	12.0	36.1

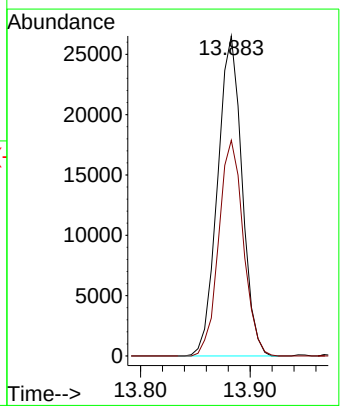


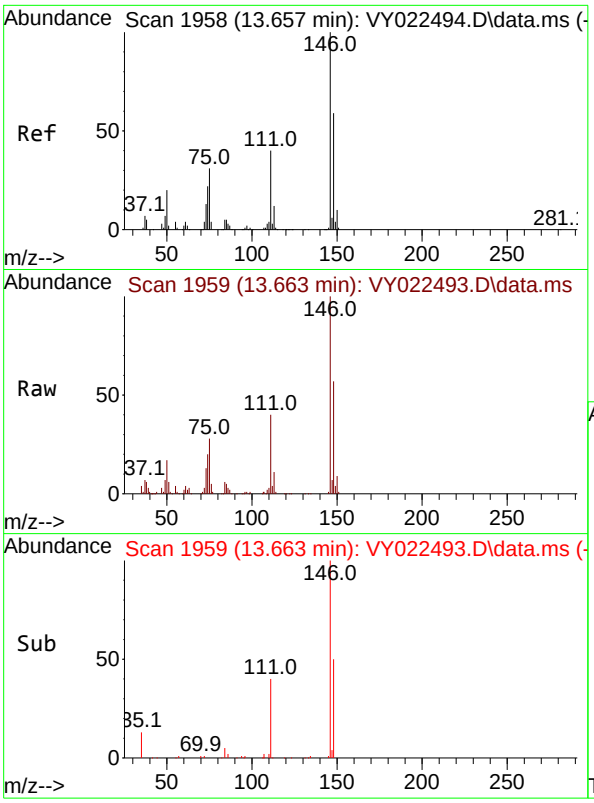


#90
Hexachloroethane
Concen: 20.316 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:117 Resp: 41119

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	102.0



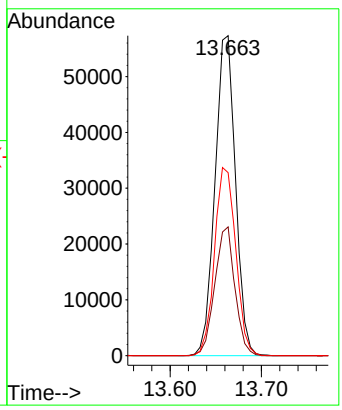


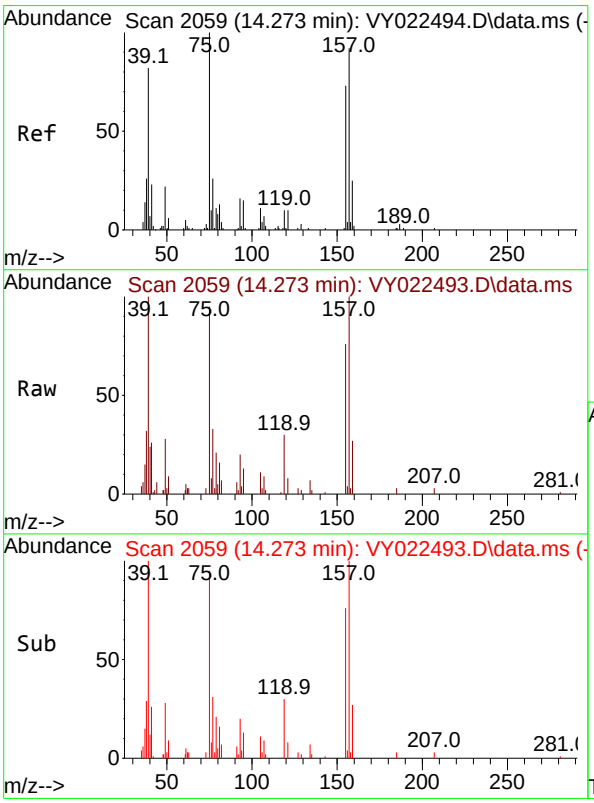
#91
1,2-Dichlorobenzene
Concen: 21.085 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 89355

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	60.9	31.4	94.0

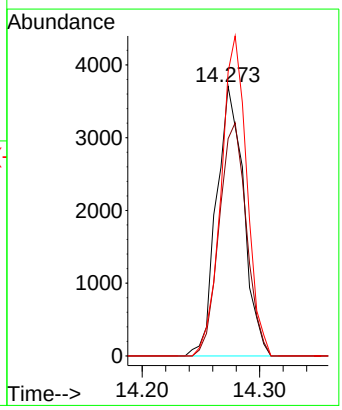


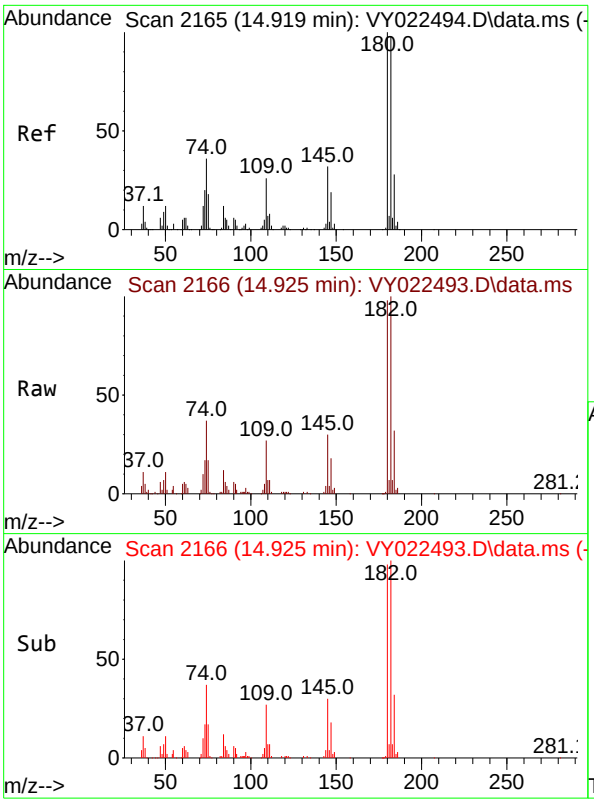


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.796 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion: 75 Resp: 5939

Ion	Ratio	Lower	Upper
75	100		
155	87.0	39.9	119.6
157	112.6	54.0	162.0



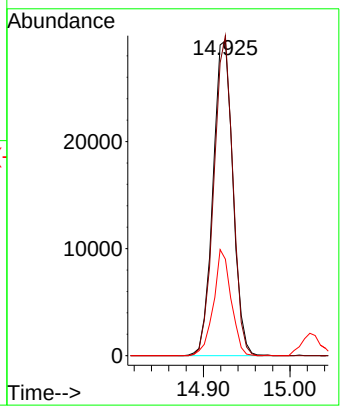


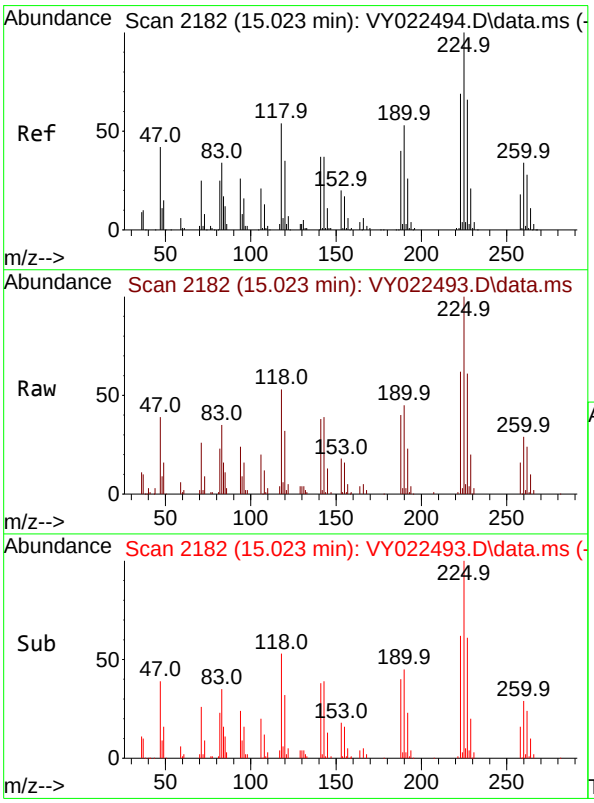
#93
1,2,4-Trichlorobenzene
Concen: 20.254 ug/l
RT: 14.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 46919

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.3
145	29.8	15.5	46.5

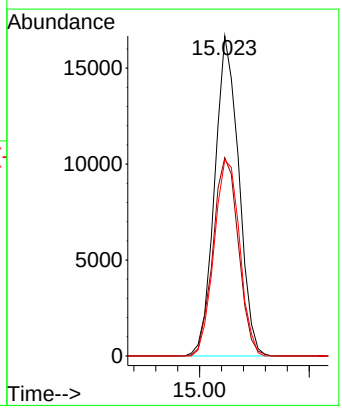


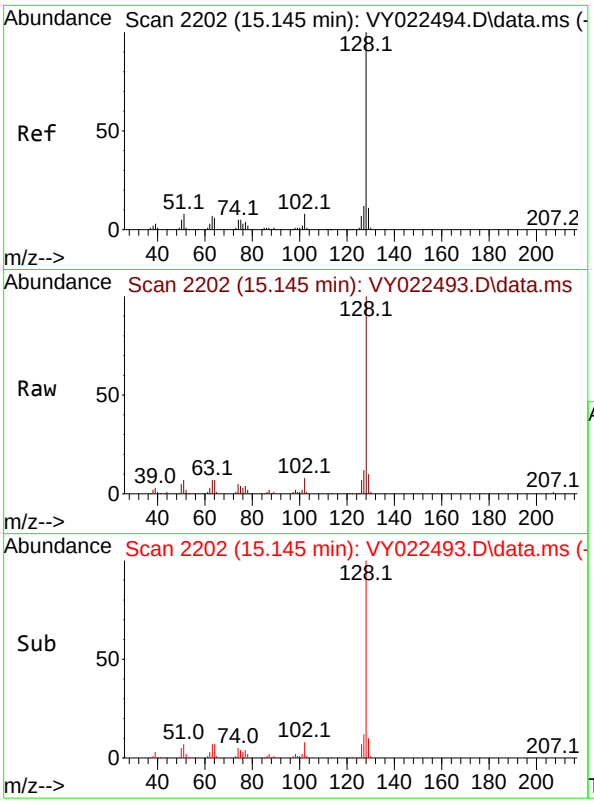


#94
Hexachlorobutadiene
Concen: 20.124 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:225 Resp: 25462

Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.5	97.4
227	65.0	32.3	96.9



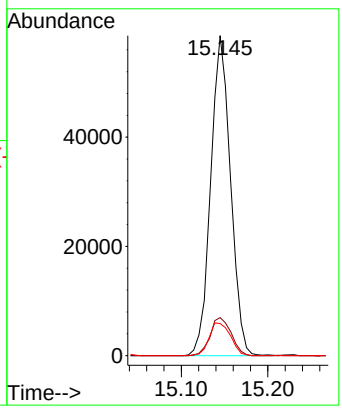


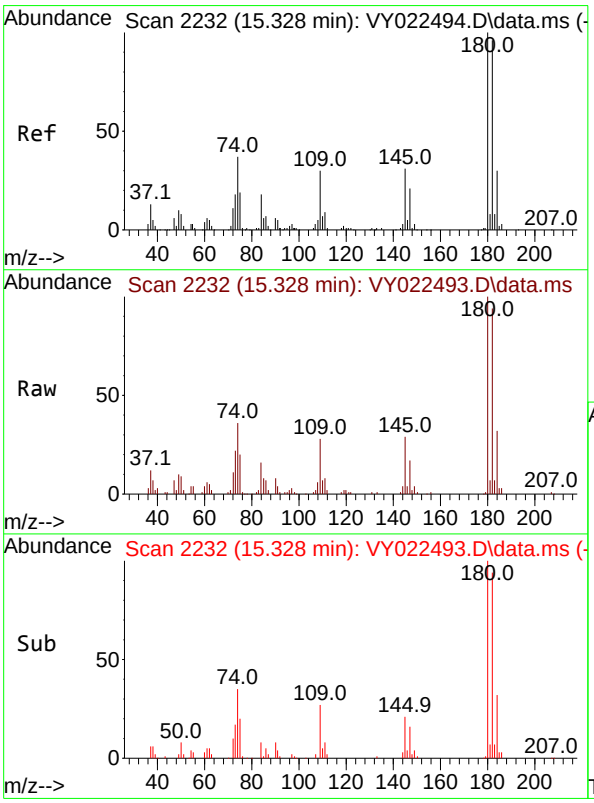
#95
Naphthalene
Concen: 20.994 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 93203

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.9	13.3

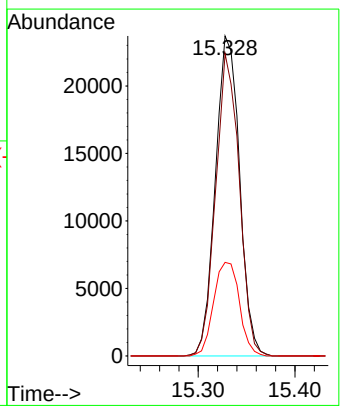




#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022493.D
Acq: 02 Jun 2025 12:32

Tgt Ion:180 Resp: 41131

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.1	141.3
145	31.1	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.640%			
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l		100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l		100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l		100
44) Trichloroethene	8.866	130	124670	51.843	ug/l		100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l		100
46) Dibromomethane	9.231	93	67690	51.485	ug/l		100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l		100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l		100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l		100
52) Toluene	10.176	92	316972	51.213	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l		100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l		100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l		100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l		100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l		100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l		100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l		100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l		100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l		100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l		100
69) o-Xylene	11.957	106	218760	51.293	ug/l		100
70) Styrene	11.969	104	367553	52.052	ug/l		100
71) Bromoform	12.133	173	59888	51.996	ug/l	#	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l		100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	132344	71.836	ug/l	#	100
77) Bromobenzene	12.536	156	121092	50.812	ug/l		100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l		100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l		100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l		100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l		100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l		100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l		100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l		100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l		100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l		100
95) Naphthalene	15.145	128	226073	52.686	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

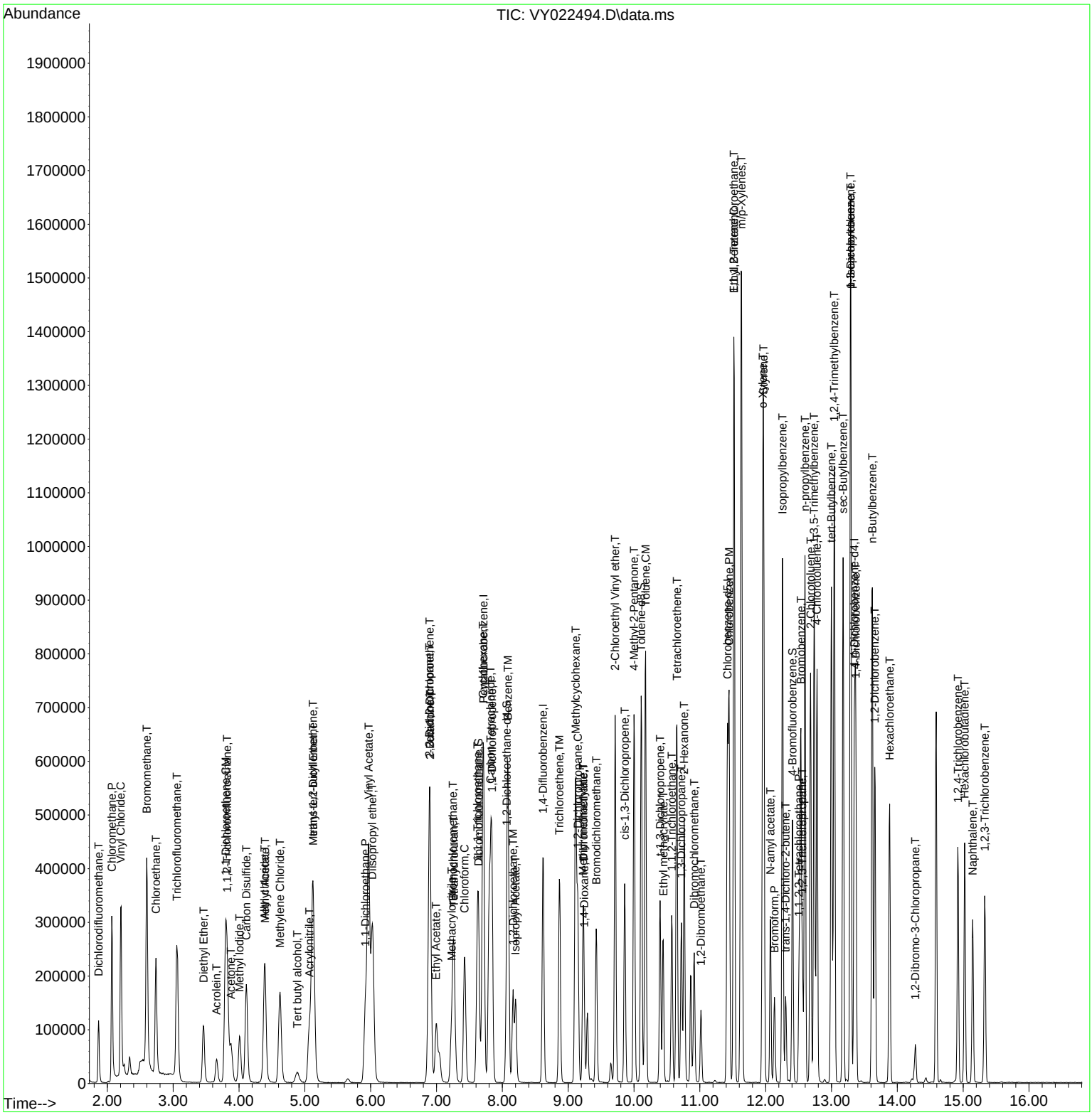
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

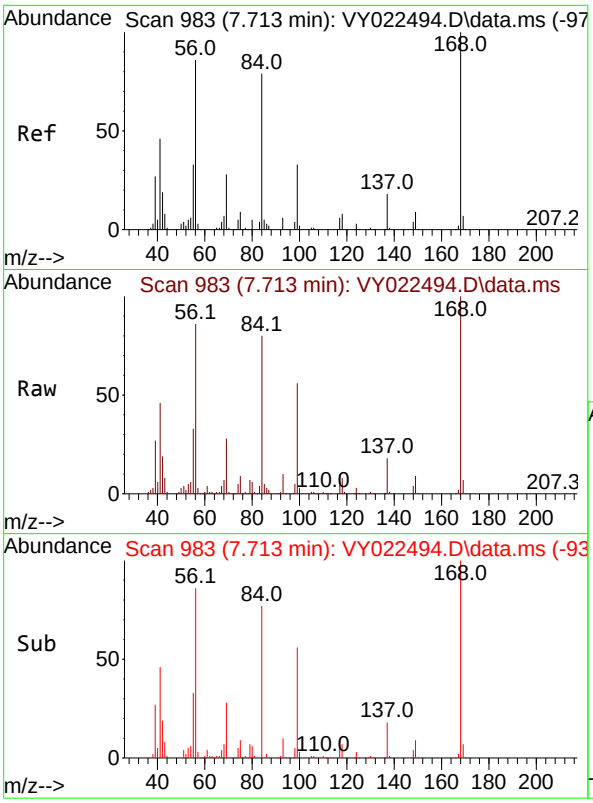
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022494.D
Acq On : 02 Jun 2025 12:54
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



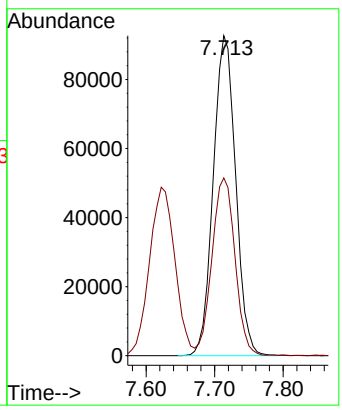


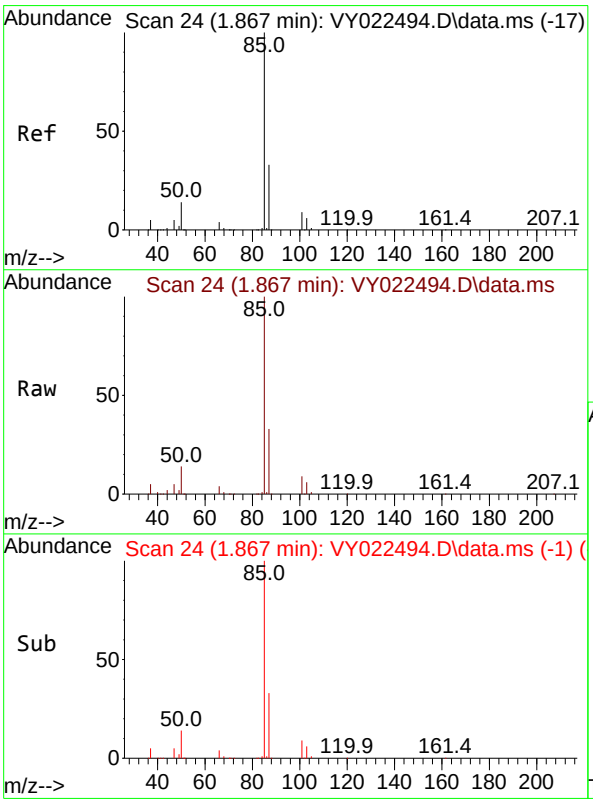
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 209963

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

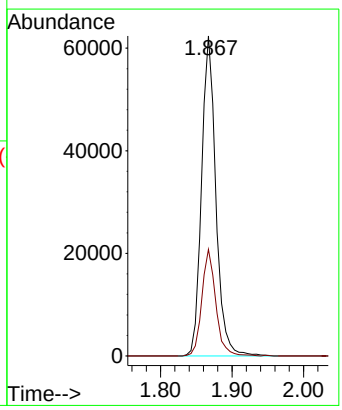


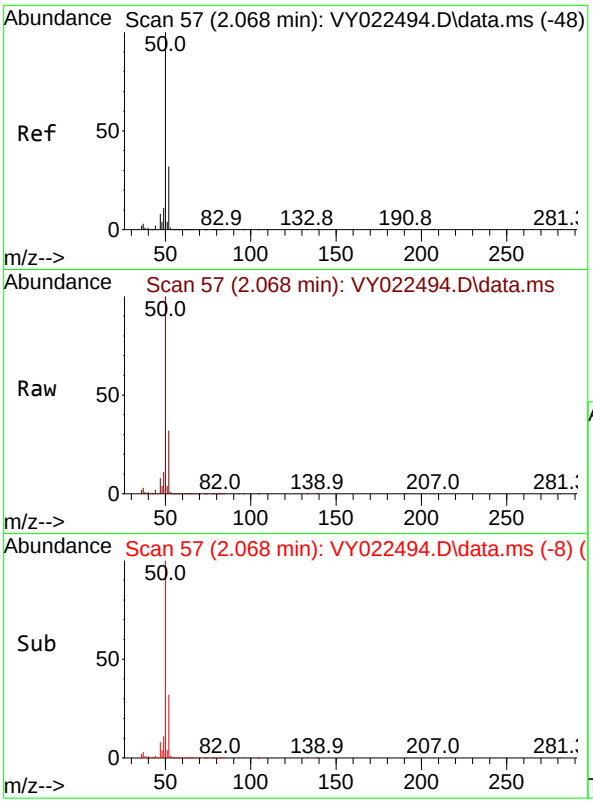


#2
Dichlorodifluoromethane
Concen: 47.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.7	50.0



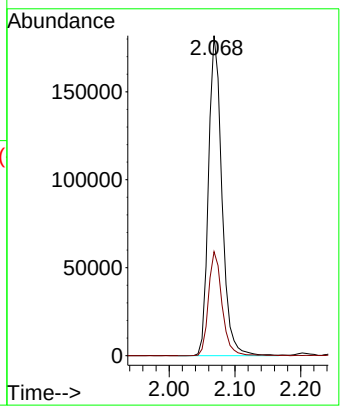


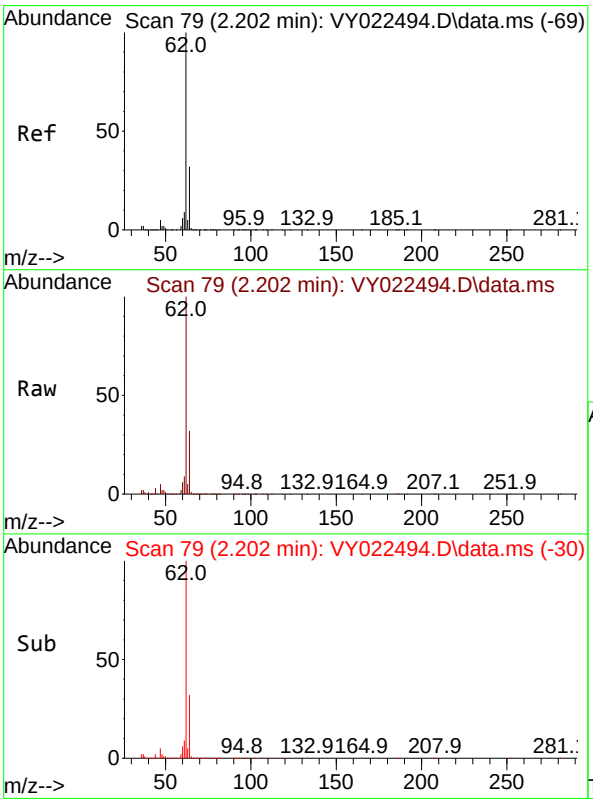
#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 258324

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.0	39.0

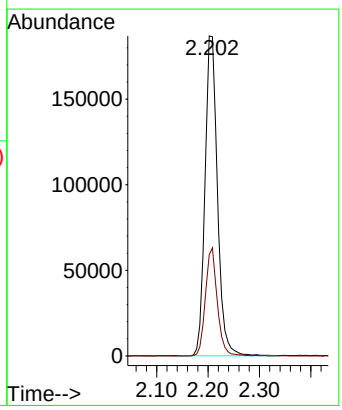


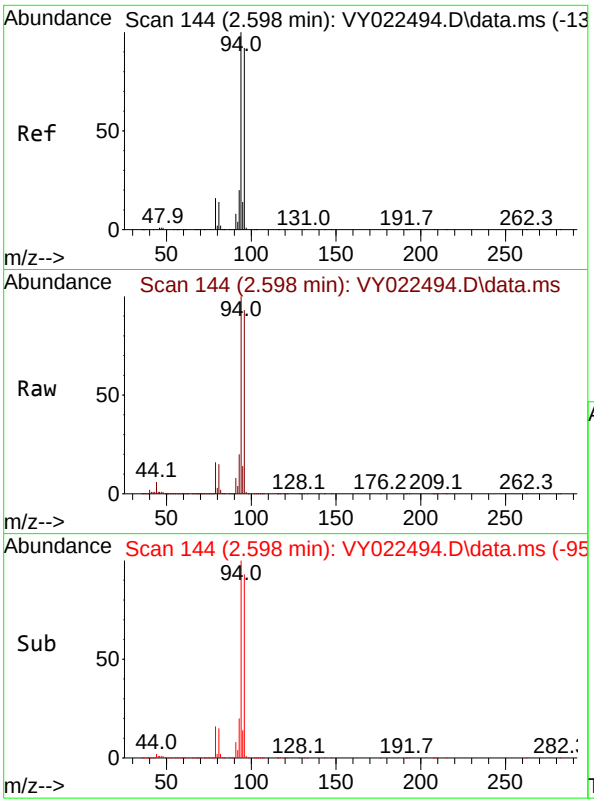


#4
Vinyl Chloride
Concen: 49.618 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.3	37.9



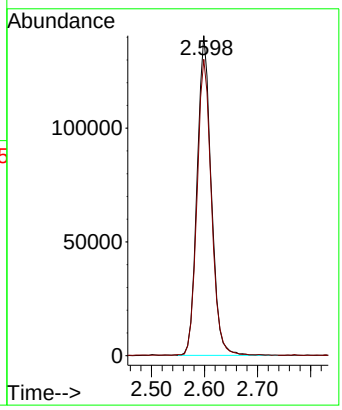


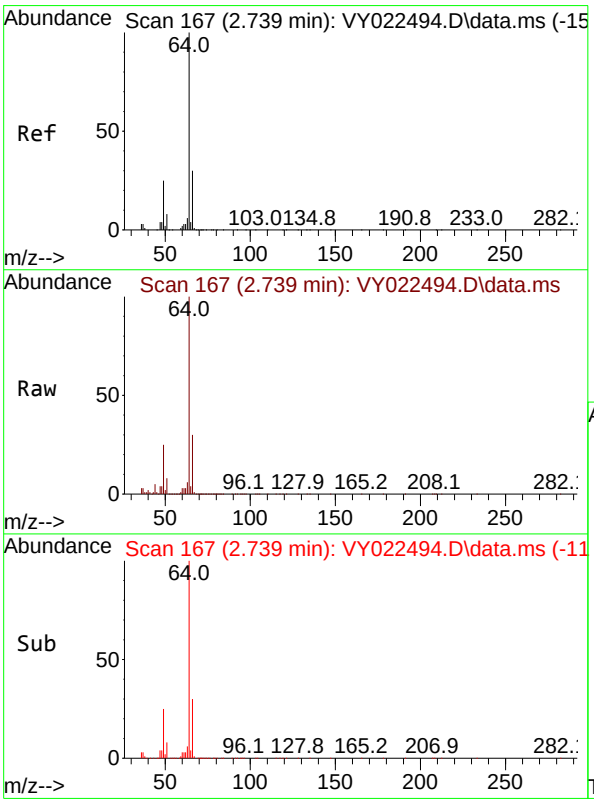
#5
Bromomethane
Concen: 43.463 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 260442

Ion	Ratio	Lower	Upper
94	100		
96	92.5	74.0	111.0

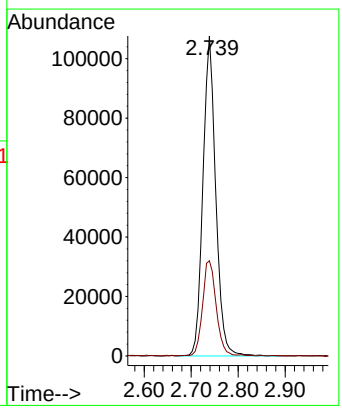


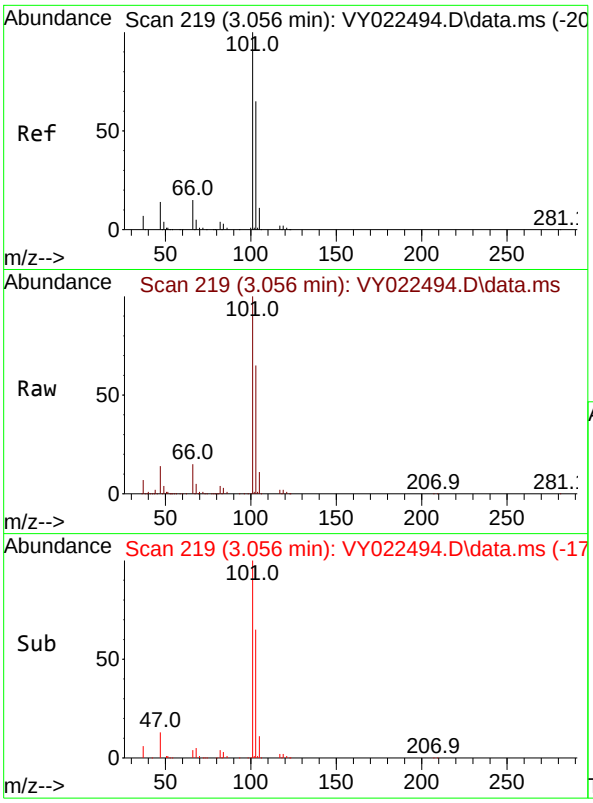


#6
Chloroethane
Concen: 46.711 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595

Ion	Ratio	Lower	Upper
64	100		
66	29.7	23.8	35.6



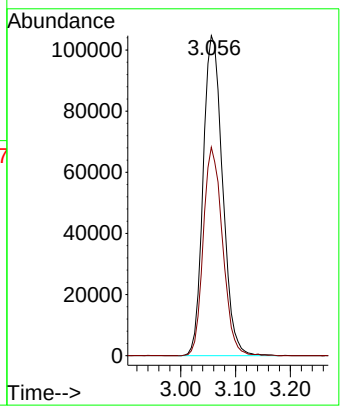


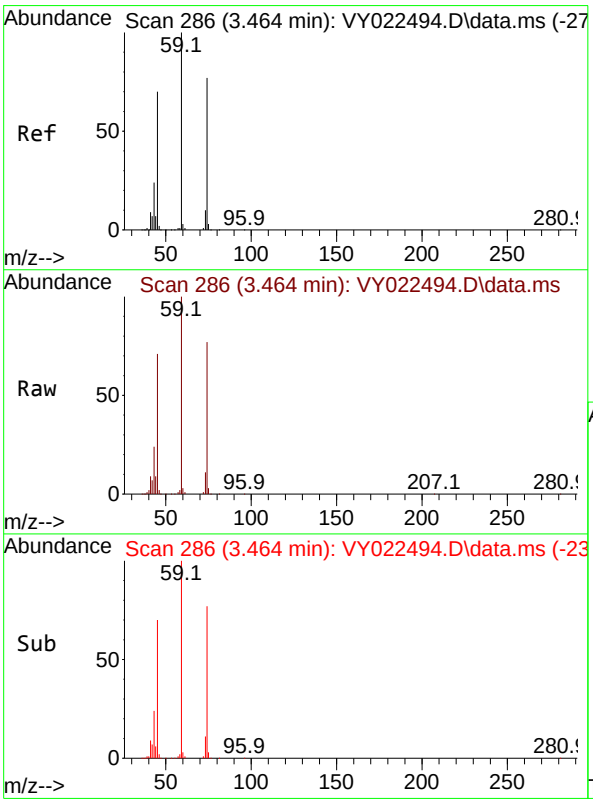
#7
Trichlorofluoromethane
Concen: 47.749 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 257006

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.2

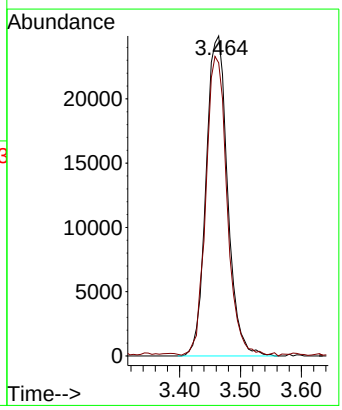


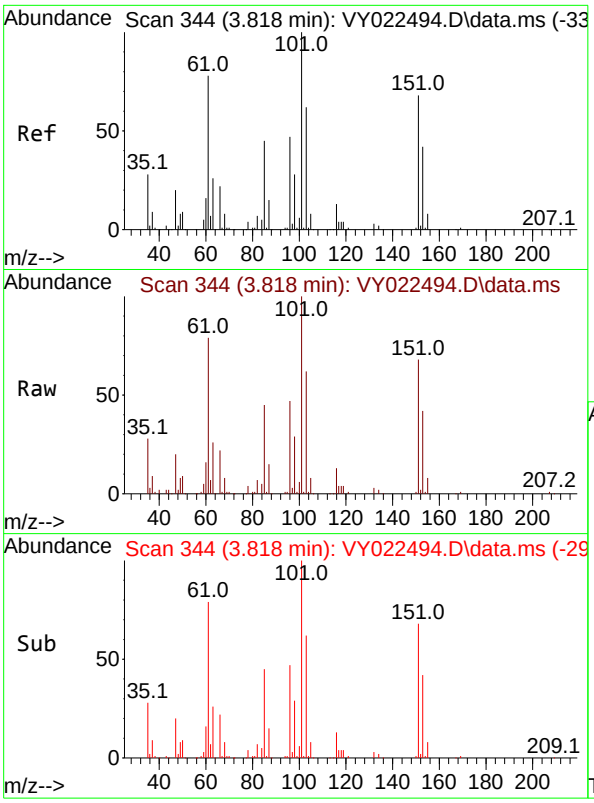


#8
Diethyl Ether
Concen: 51.349 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 74 Resp: 61045

Ion	Ratio	Lower	Upper
74	100		
45	91.7	45.9	137.6



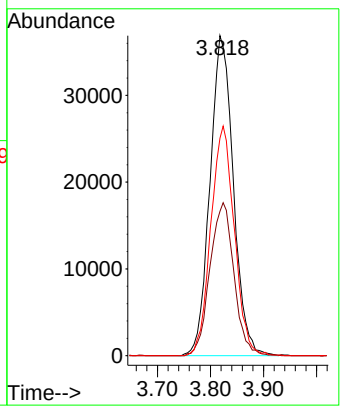


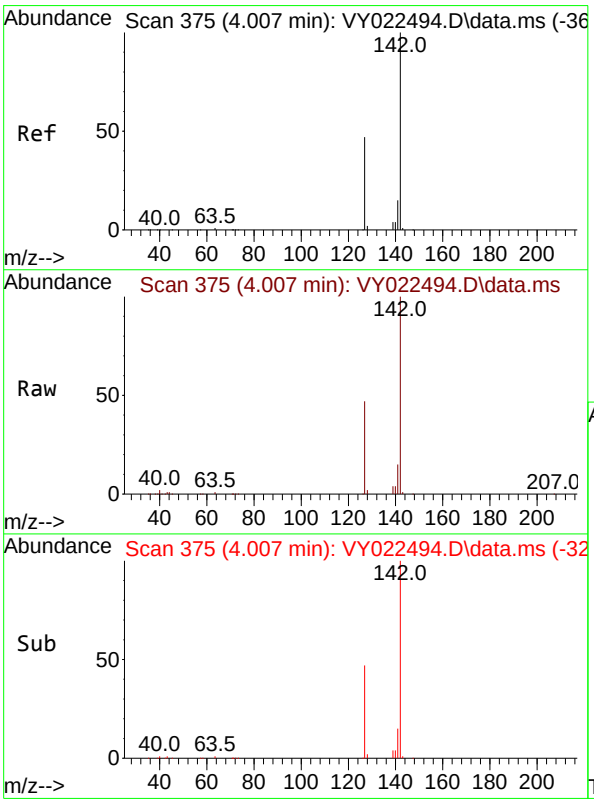
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.009 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 112910

Ion	Ratio	Lower	Upper
101	100		
85	49.1	39.3	58.9
151	72.3	57.8	86.8

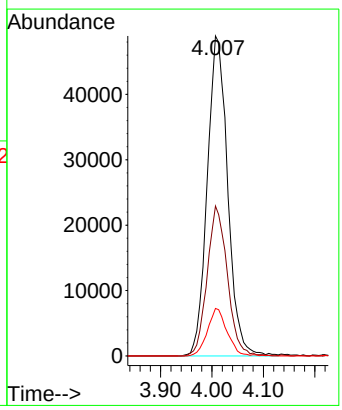


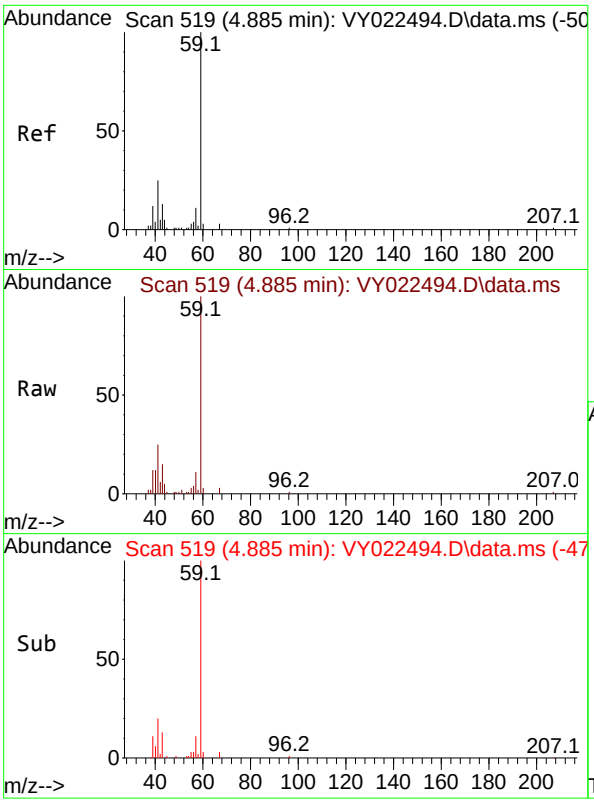


#10
Methyl Iodide
Concen: 55.855 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.1	55.7
141	14.3	11.4	17.2



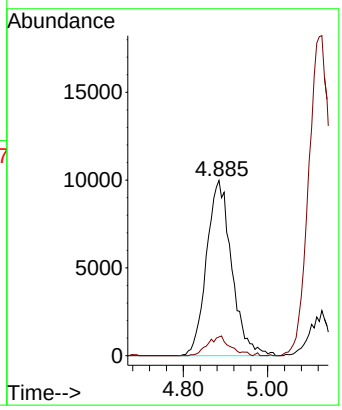


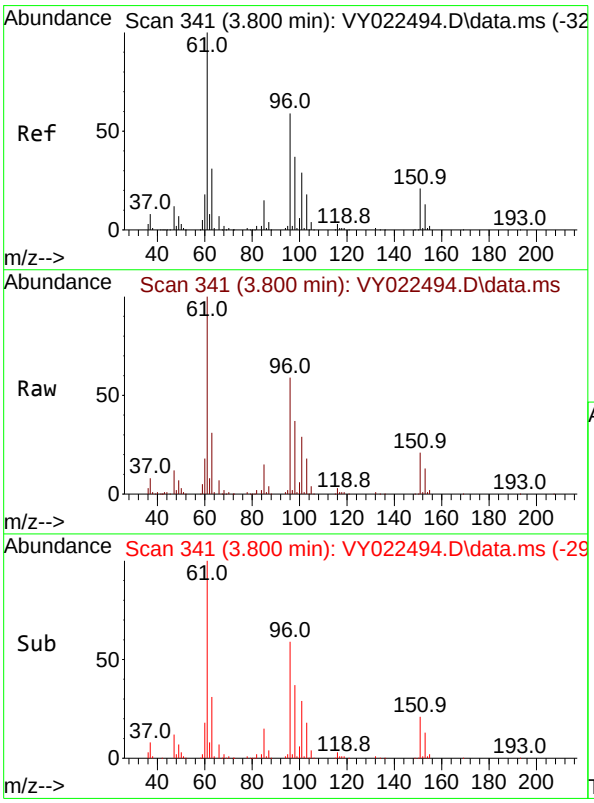
#11
Tert butyl alcohol
Concen: 253.096 ug/l
RT: 4.885 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 41304

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

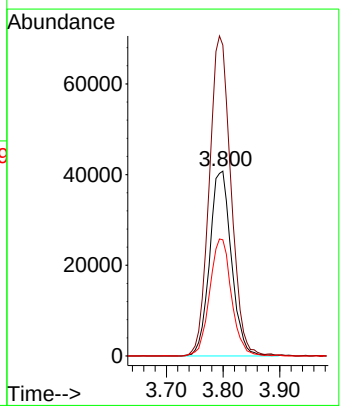


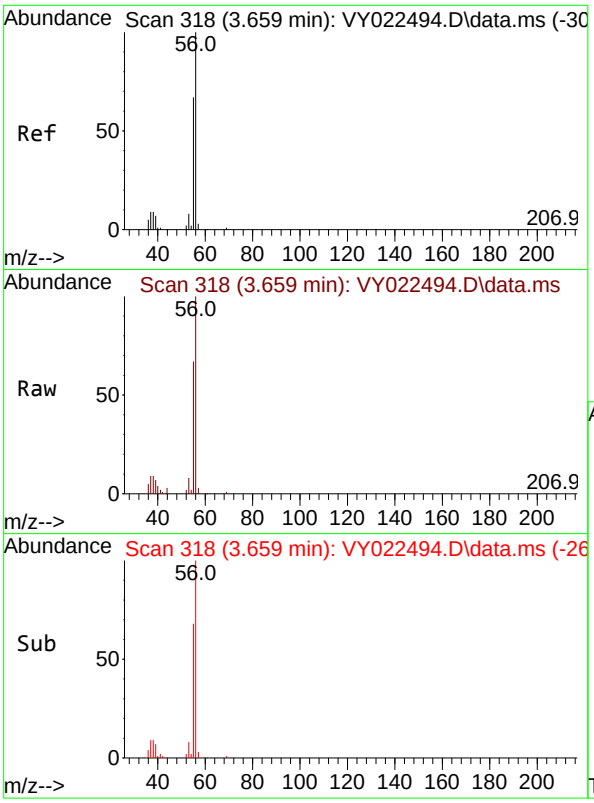


#12
1,1-Dichloroethene
Concen: 50.463 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756

Ion	Ratio	Lower	Upper
96	100		
61	168.2	134.6	201.8
98	62.8	50.2	75.4



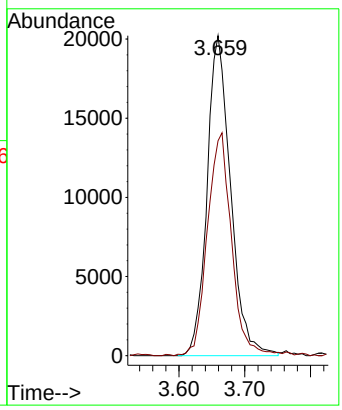


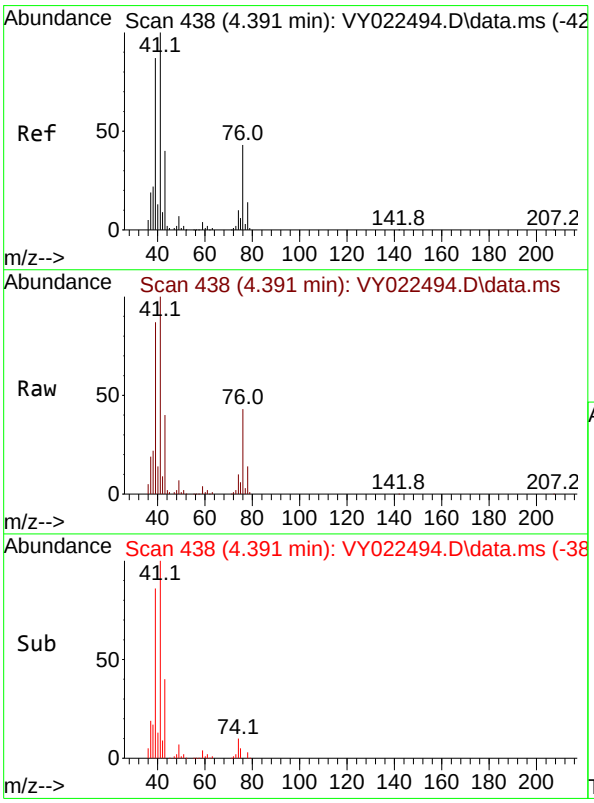
#13
Acrolein
Concen: 252.946 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 50388

Ion	Ratio	Lower	Upper
56	100		
55	71.3	57.0	85.6

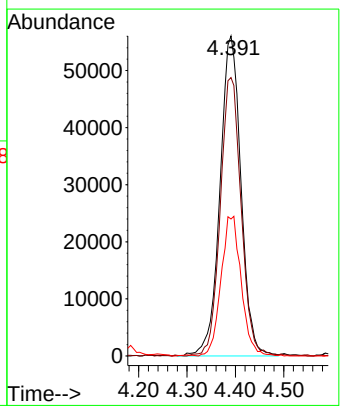


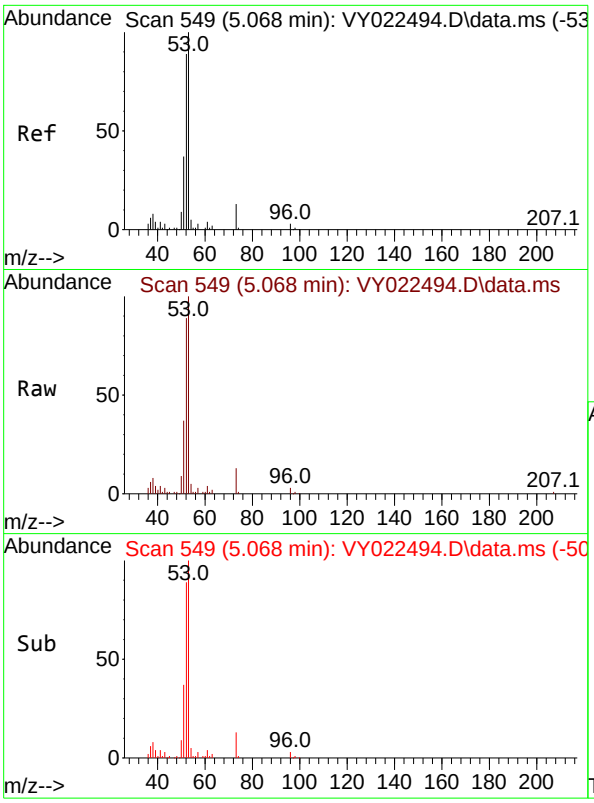


#14
Allyl chloride
Concen: 50.399 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 169258

Ion	Ratio	Lower	Upper
41	100		
39	86.4	69.1	103.7
76	41.9	33.5	50.3



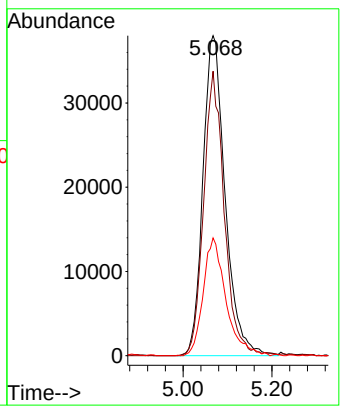


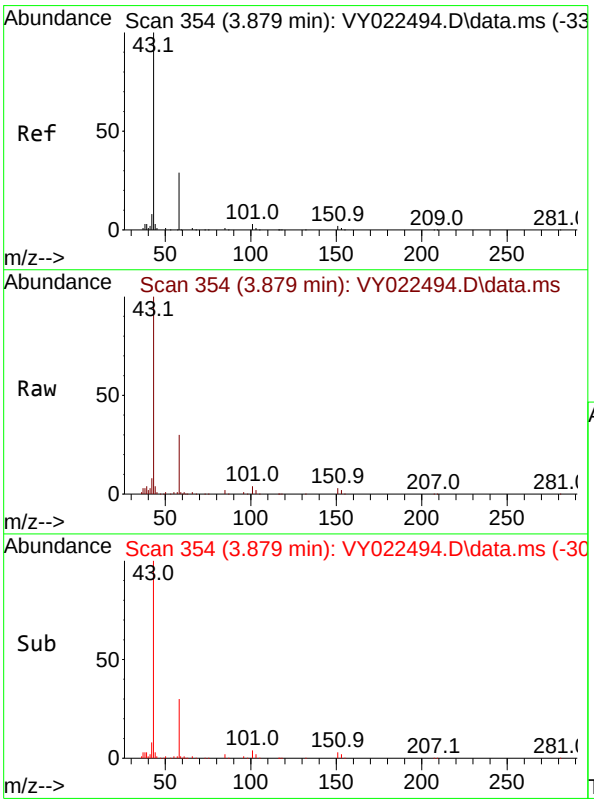
#15
Acrylonitrile
Concen: 261.075 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 132018

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.6	30.1	45.1

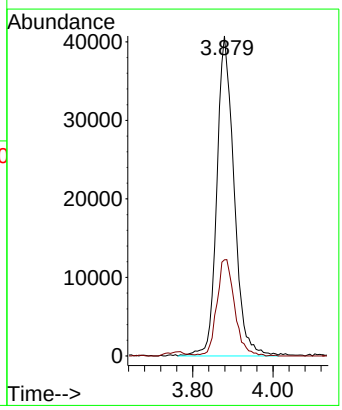


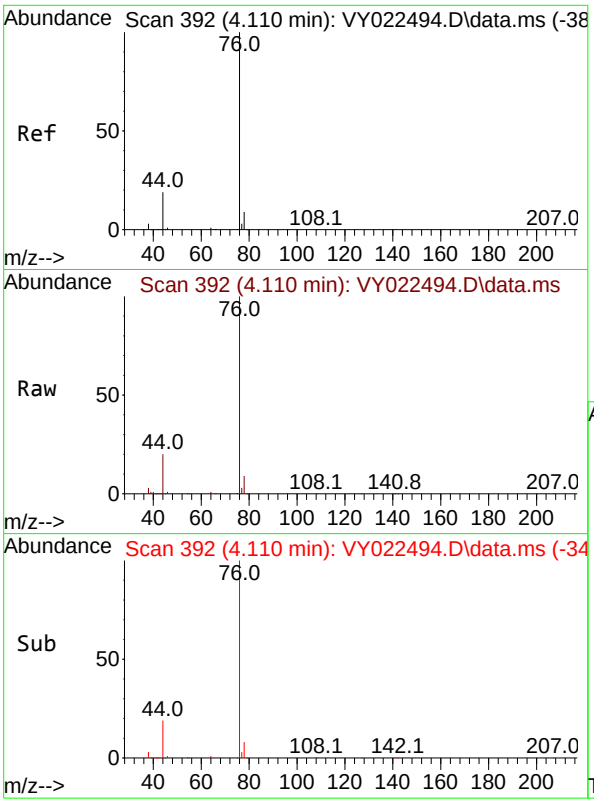


#16
Acetone
Concen: 269.036 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.0	36.0



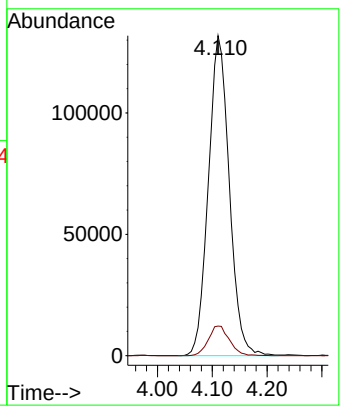


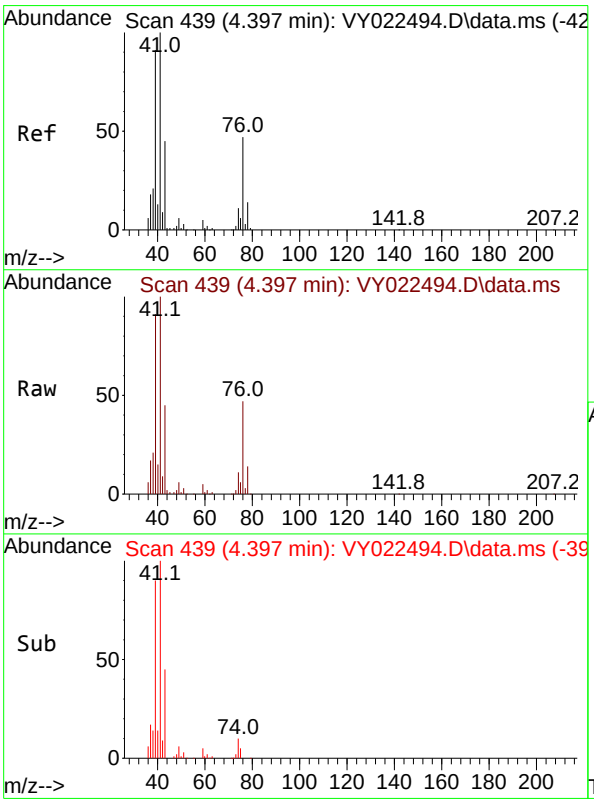
#17
Carbon Disulfide
Concen: 50.769 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 349342

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

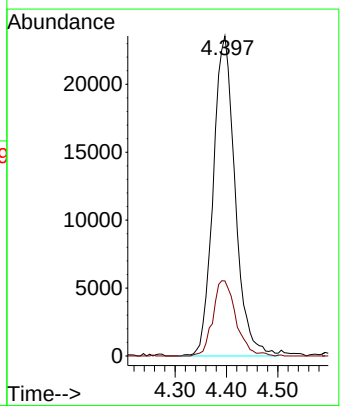


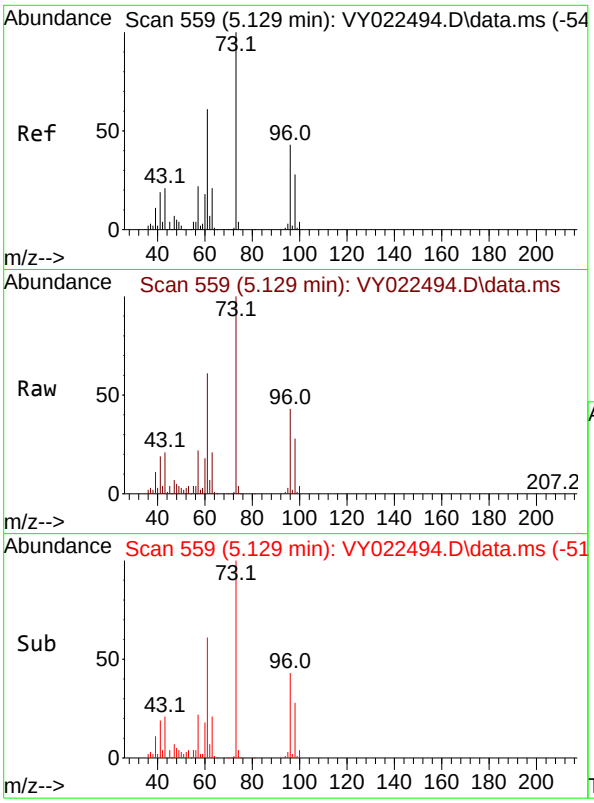


#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6



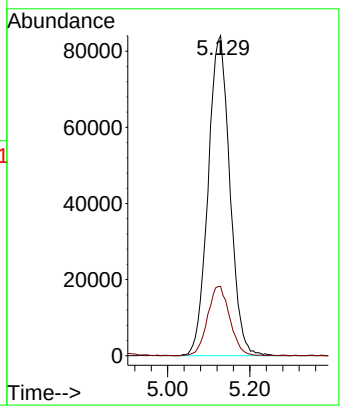


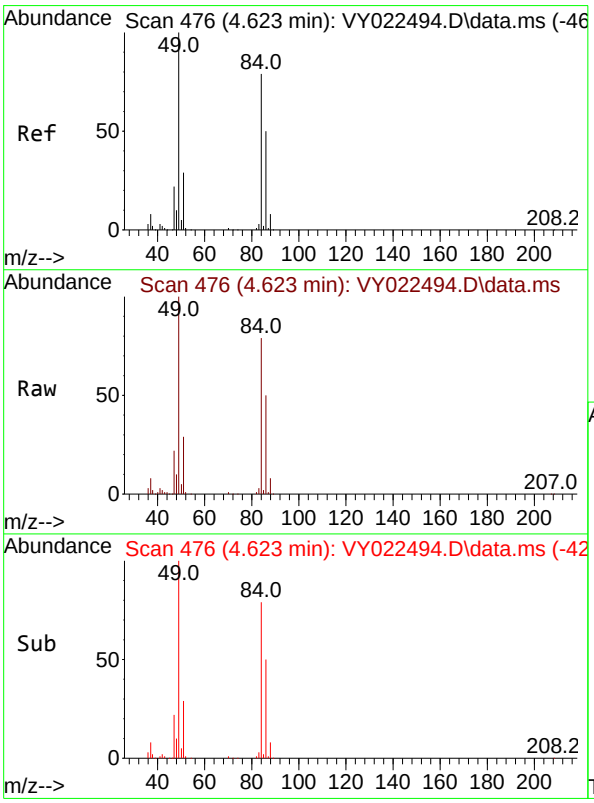
#19
Methyl tert-butyl Ether
Concen: 51.316 ug/l
RT: 5.129 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 308578

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0

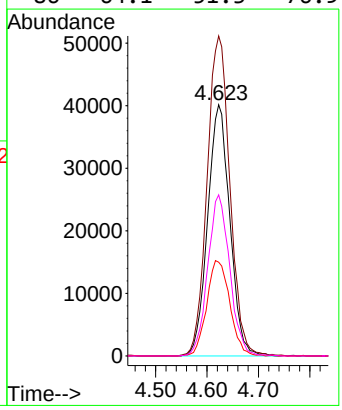


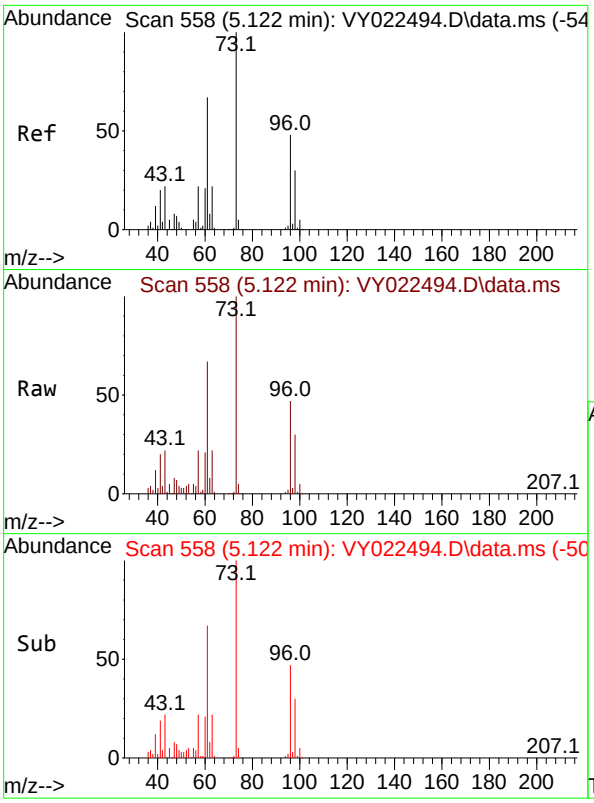


#20
Methylene Chloride
Concen: 47.810 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562

Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.9	152.9
51	37.3	29.8	44.8
86	64.1	51.3	76.9



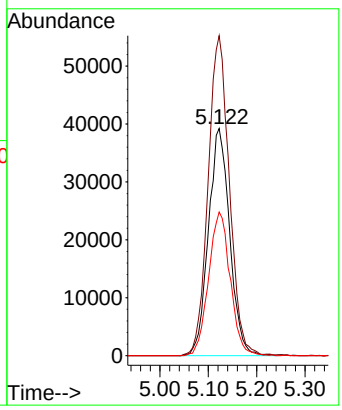


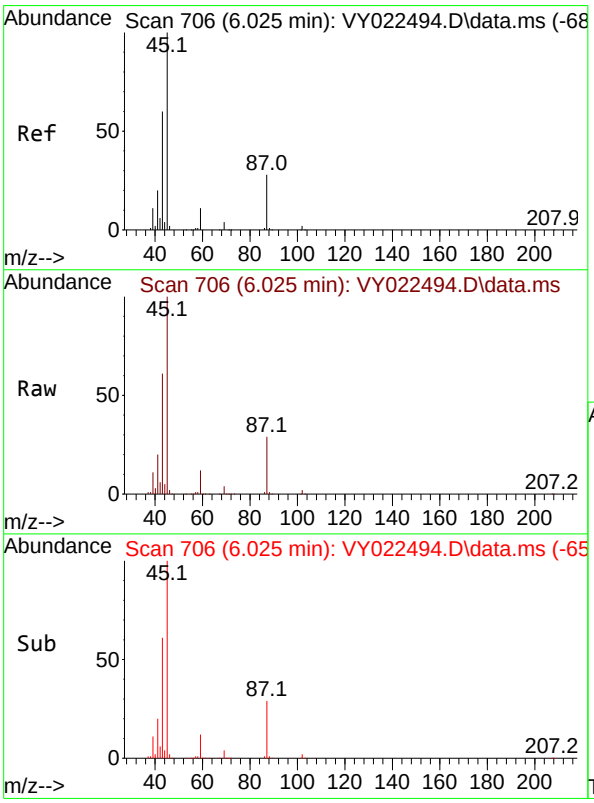
#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 119917

Ion	Ratio	Lower	Upper
96	100		
61	140.8	112.6	169.0
98	63.2	50.6	75.8

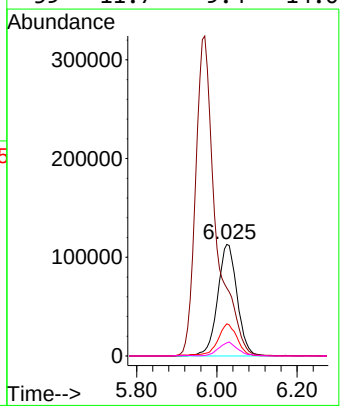


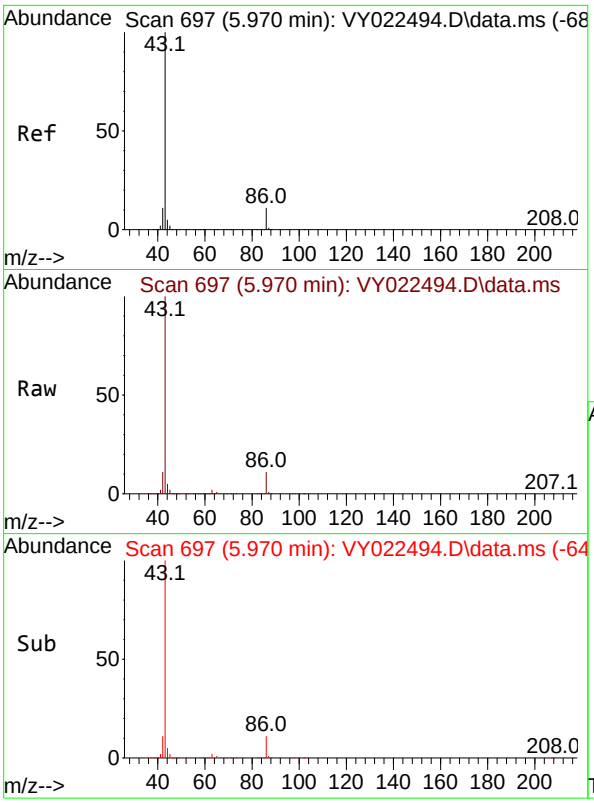


#22
Diisopropyl ether
Concen: 51.120 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760

Ion	Ratio	Lower	Upper
45	100		
43	60.4	48.3	72.5
87	28.8	23.0	34.6
59	11.7	9.4	14.0



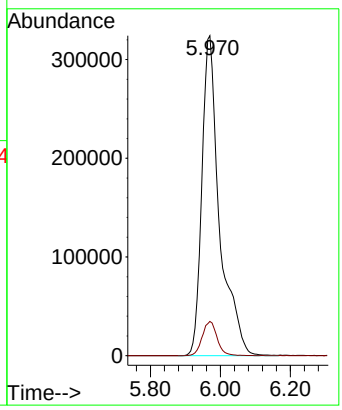


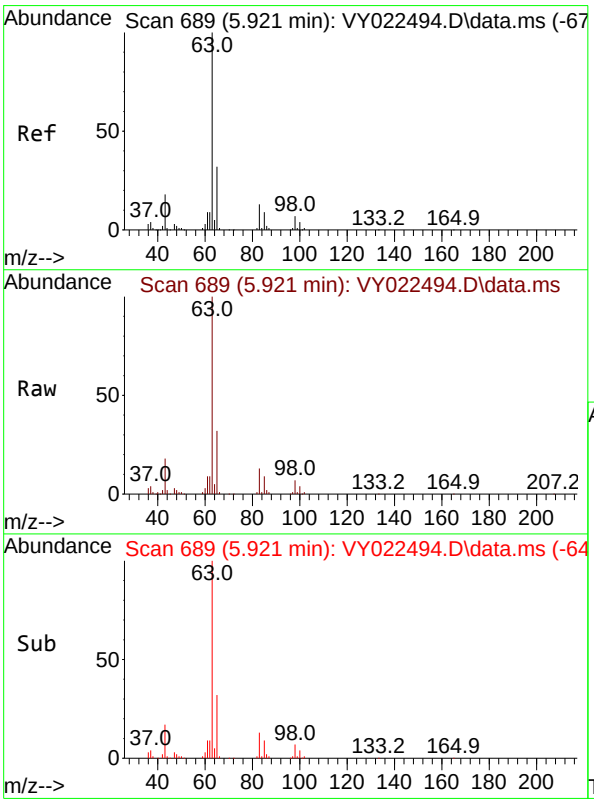
#23
Vinyl Acetate
Concen: 256.734 ug/l
RT: 5.970 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1137415

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8

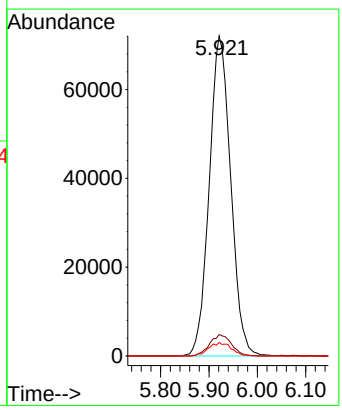


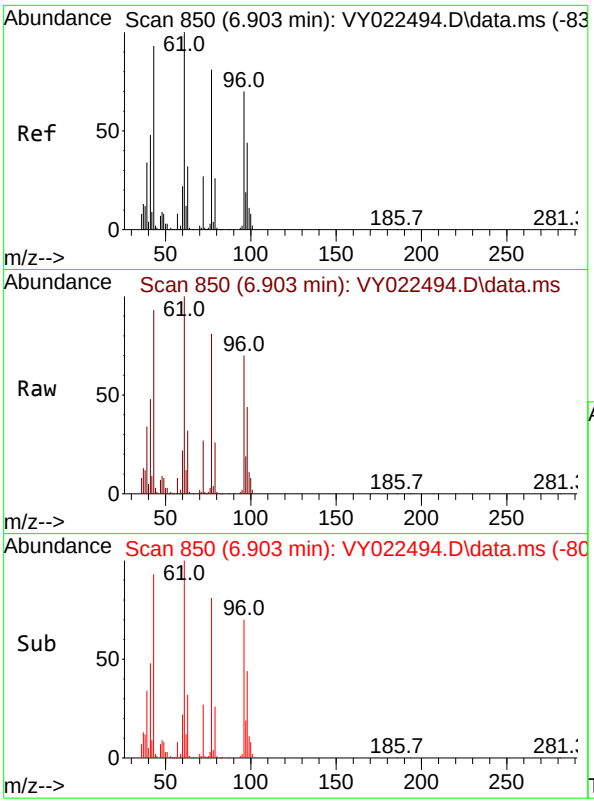


#24
1,1-Dichloroethane
Concen: 50.410 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.2	2.1	6.3



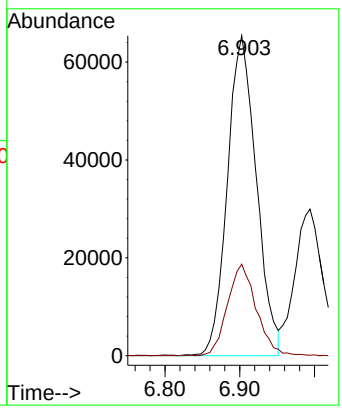


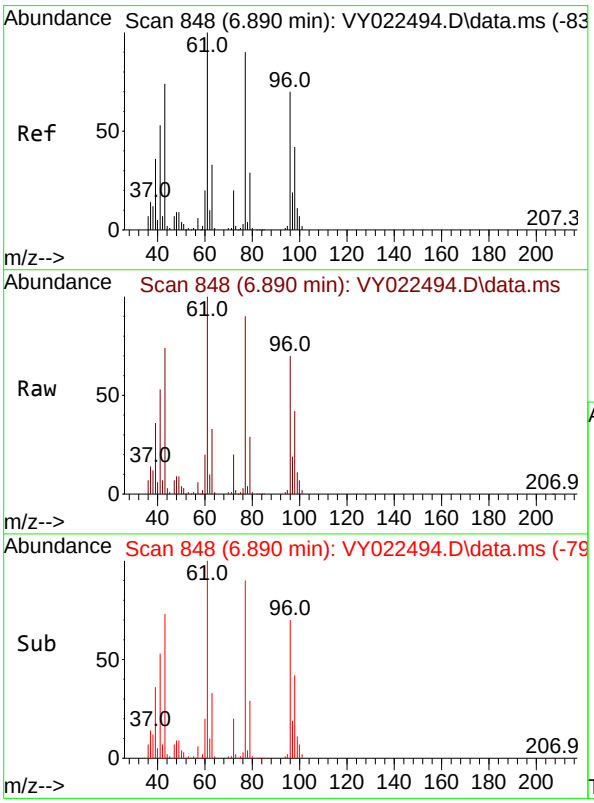
#25
2-Butanone
Concen: 264.461 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 176185

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.9	34.3

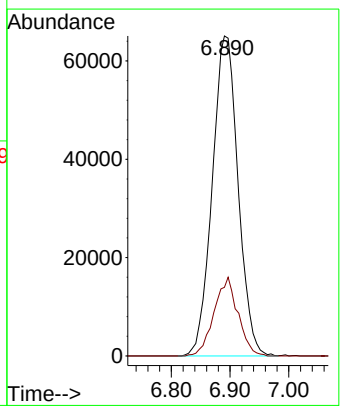


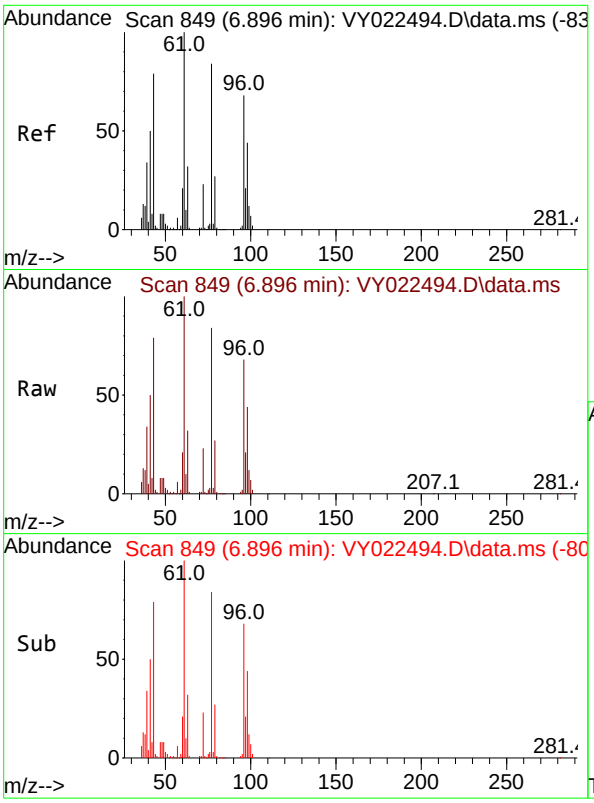


#26
2,2-Dichloropropane
Concen: 50.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763

Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.4	34.2



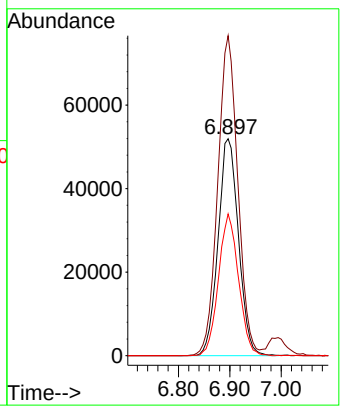


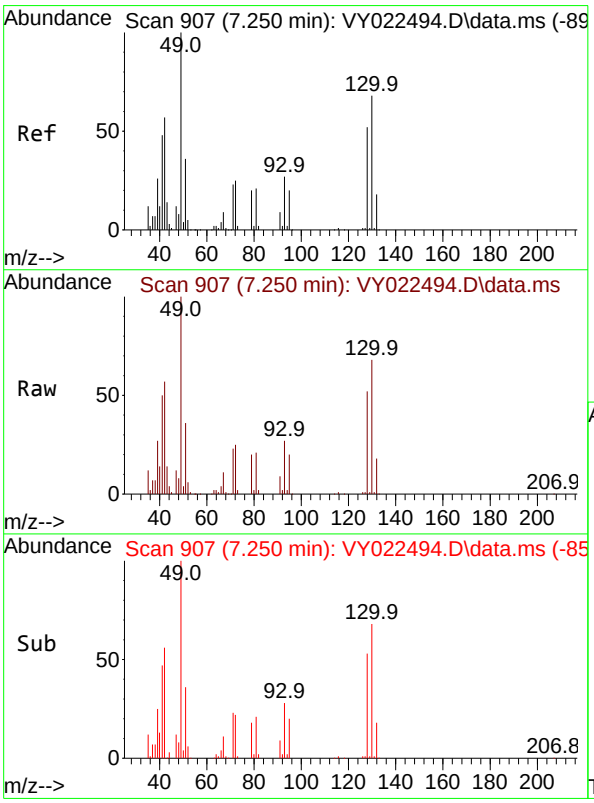
#27
cis-1,2-Dichloroethene
Concen: 51.463 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 143210

Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	290.0
98	64.2	0.0	128.4

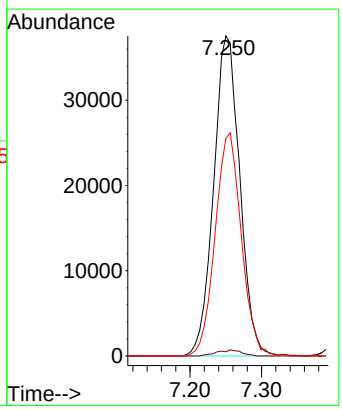


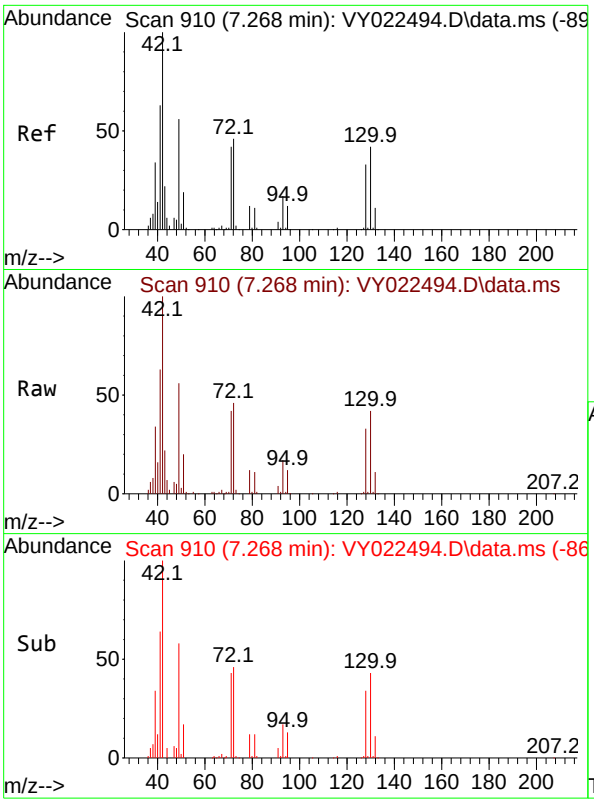


#28
Bromochloromethane
Concen: 50.015 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 49 Resp: 95397

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.6	55.7	83.5



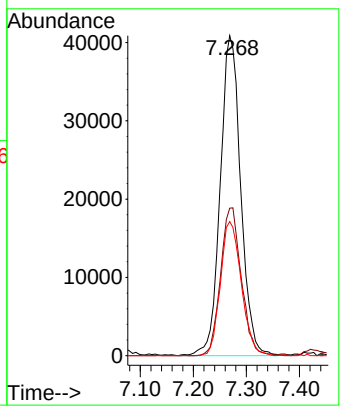


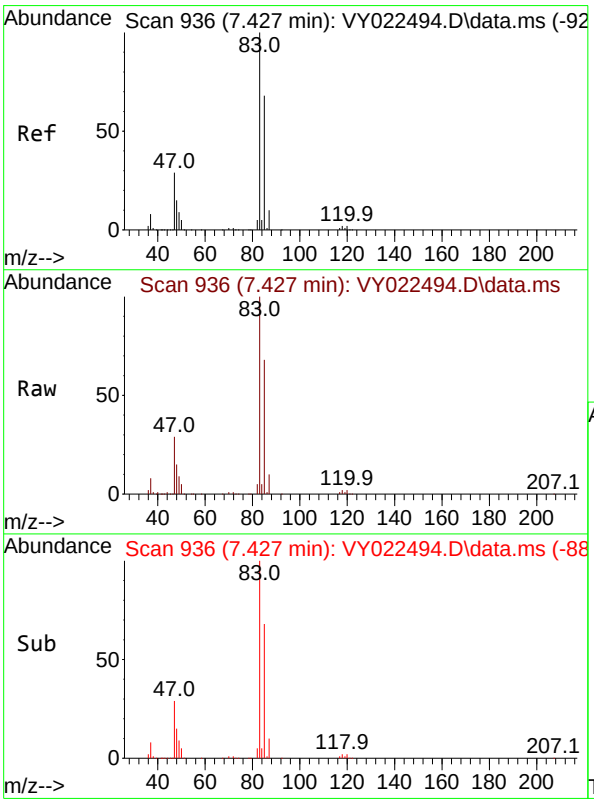
#29
Tetrahydrofuran
Concen: 255.247 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 109698

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.7	34.2	51.2

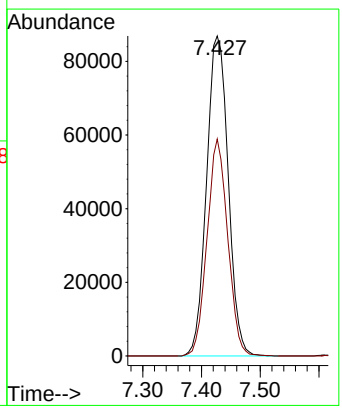


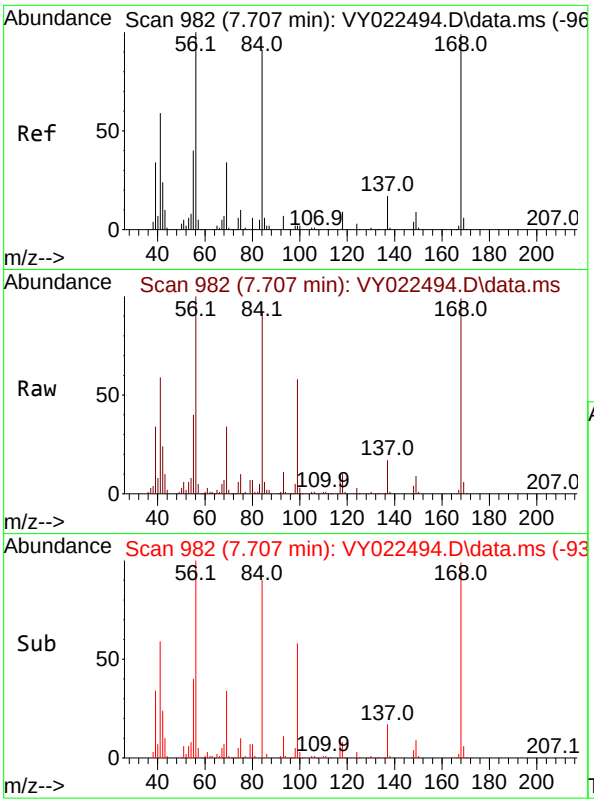


#30
Chloroform
Concen: 50.944 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 83 Resp: 222226

Ion	Ratio	Lower	Upper
83	100		
85	67.8	54.2	81.4



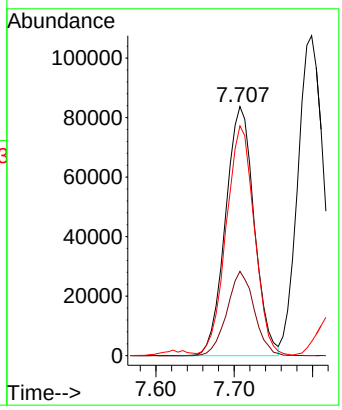


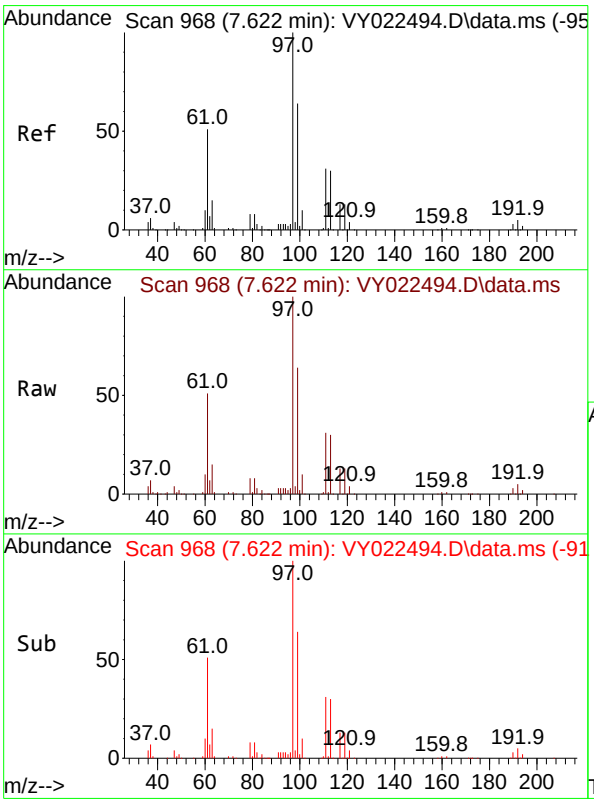
#31
Cyclohexane
Concen: 47.951 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 213031

Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	90.8	72.6	109.0

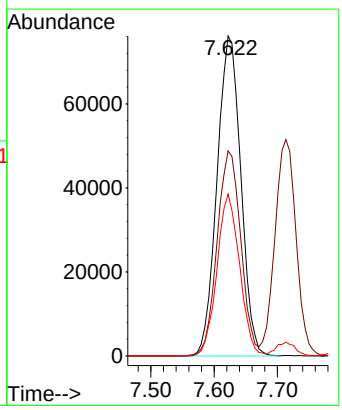


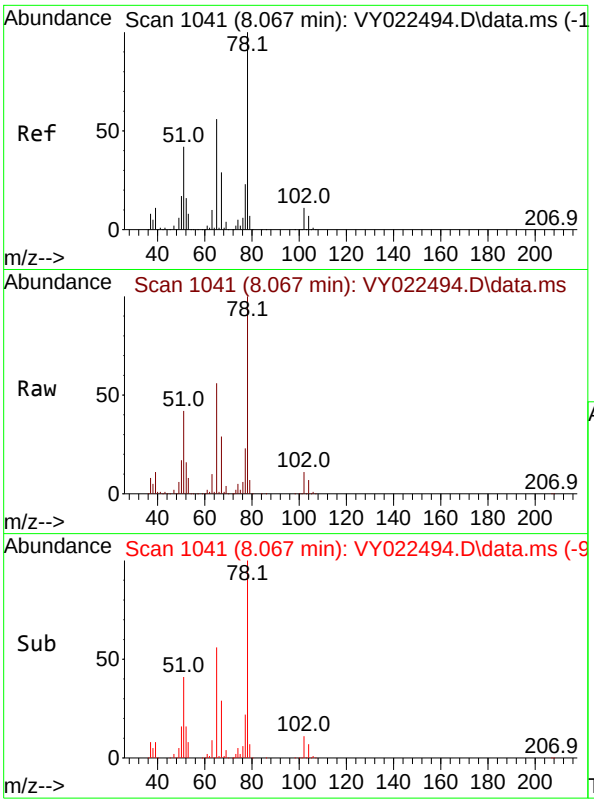


#32
1,1,1-Trichloroethane
Concen: 51.074 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.1	38.5	57.7



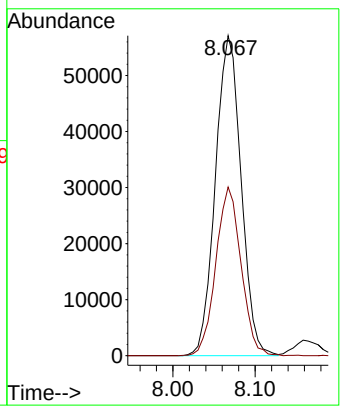


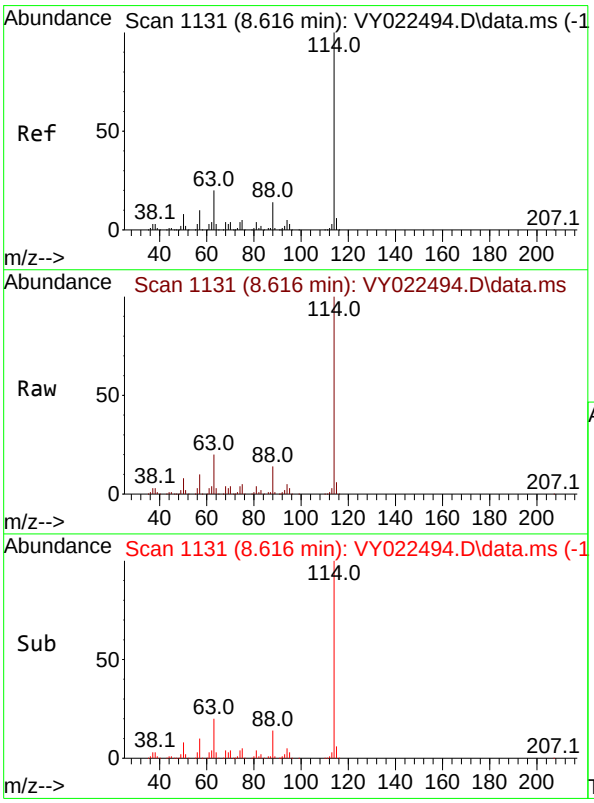
#33
1,2-Dichloroethane-d4
Concen: 54.320 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 124098

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.4

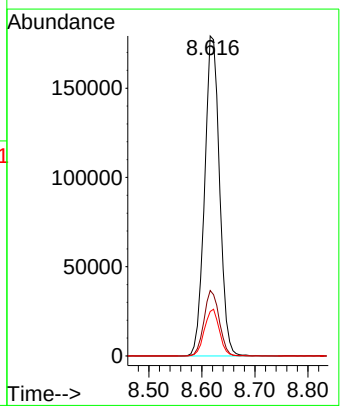


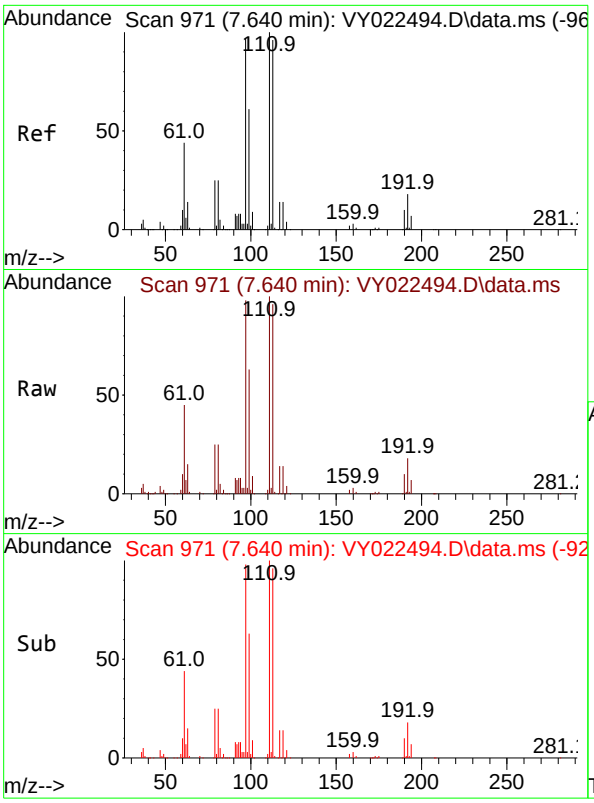


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:114 Resp: 350947

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	13.9	0.0	27.8



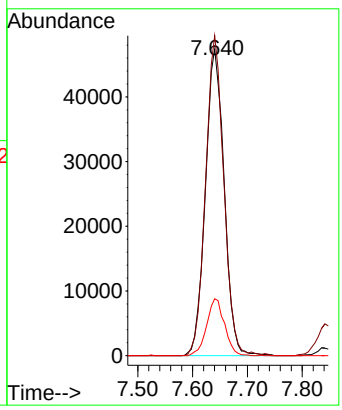


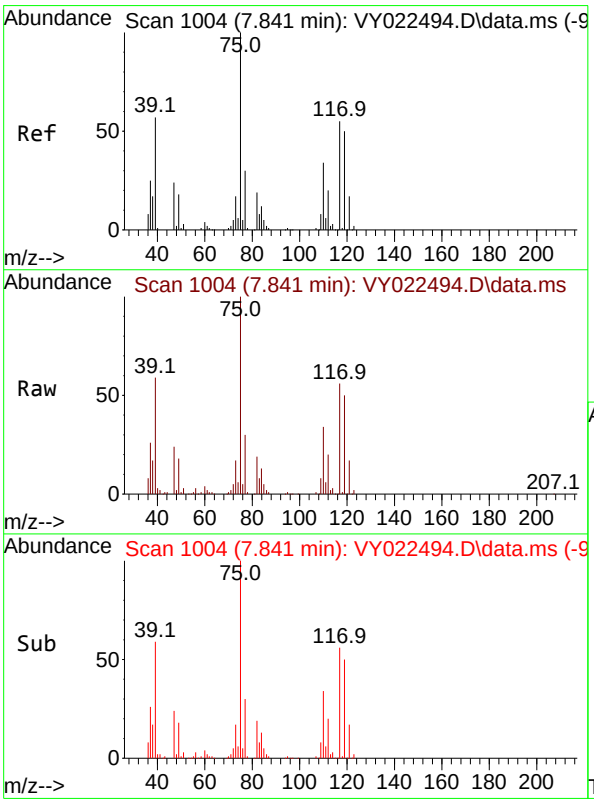
#35
Dibromofluoromethane
Concen: 54.514 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 112624

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	17.7	14.2	21.2

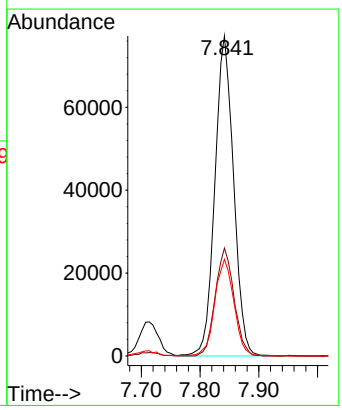


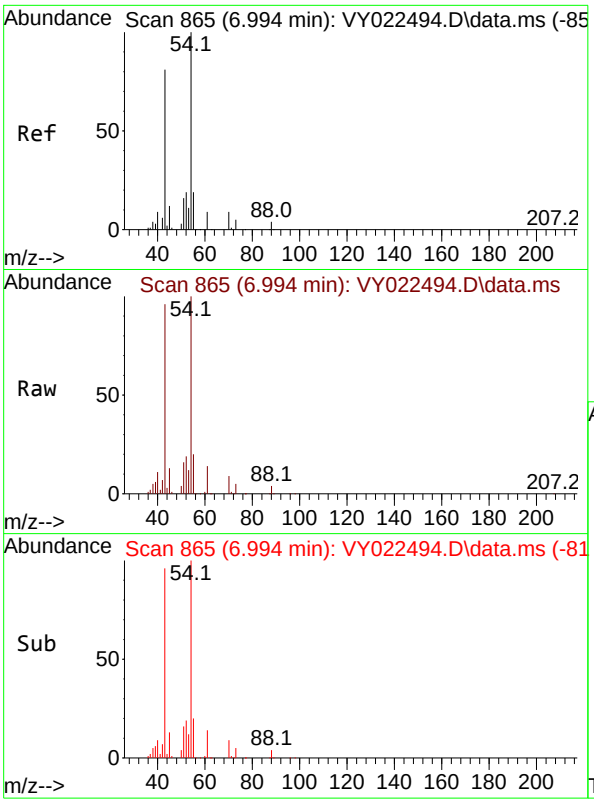


#36
1,1-Dichloropropene
Concen: 51.116 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.0	24.8	37.2



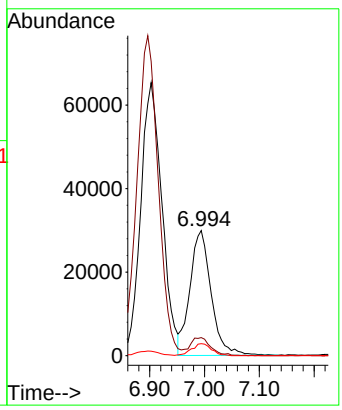


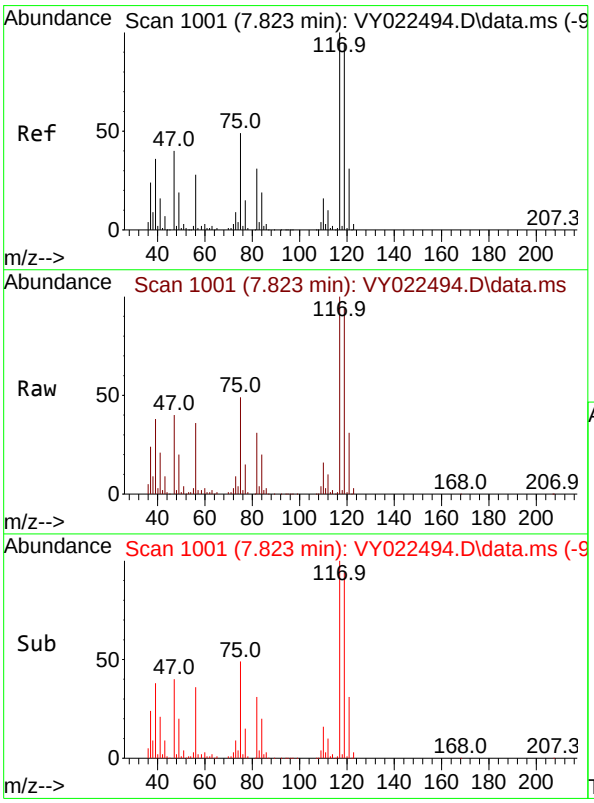
#37
Ethyl Acetate
Concen: 54.721 ug/l
RT: 6.994 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 80426

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	9.0	7.2	10.8

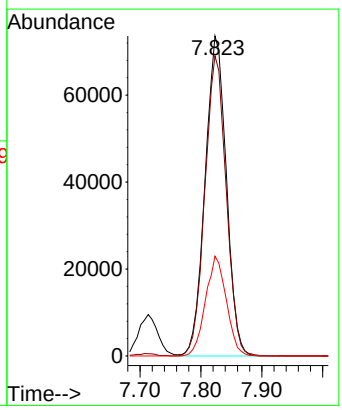


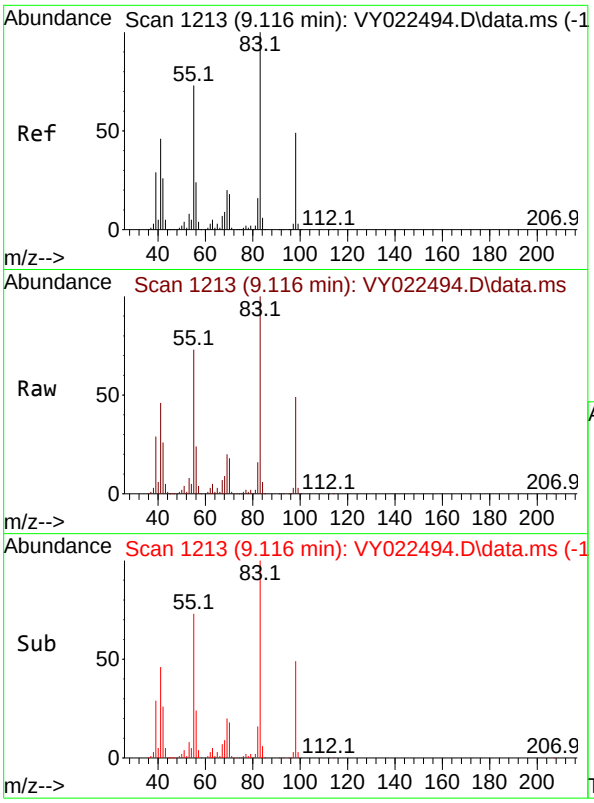


#38
Carbon Tetrachloride
Concen: 51.787 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 178292

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	31.2	25.0	37.4



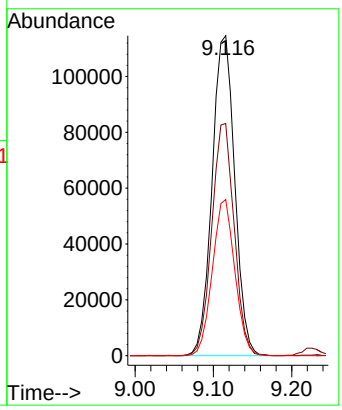


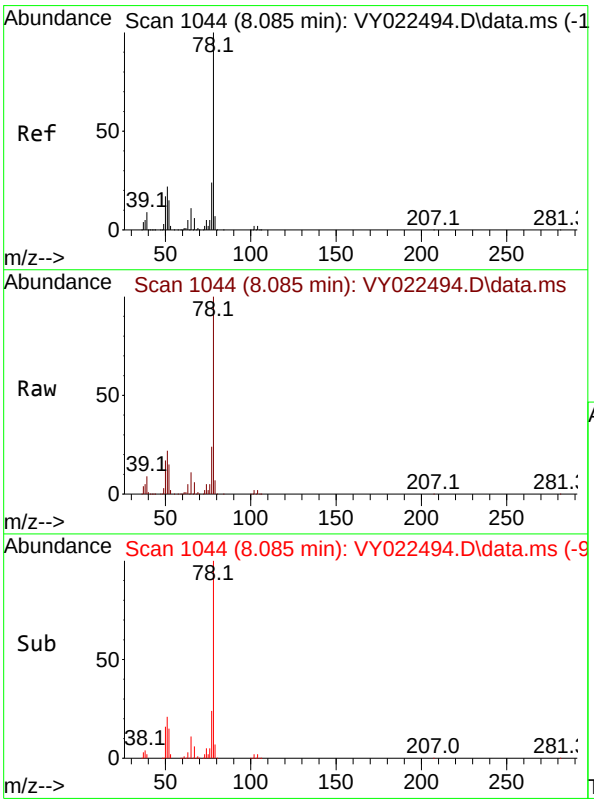
#39
Methylcyclohexane
Concen: 51.100 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 230536

Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.1	87.1
98	48.8	39.0	58.6

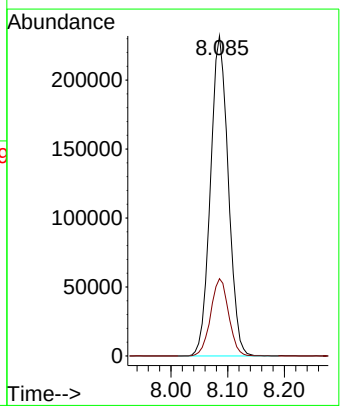


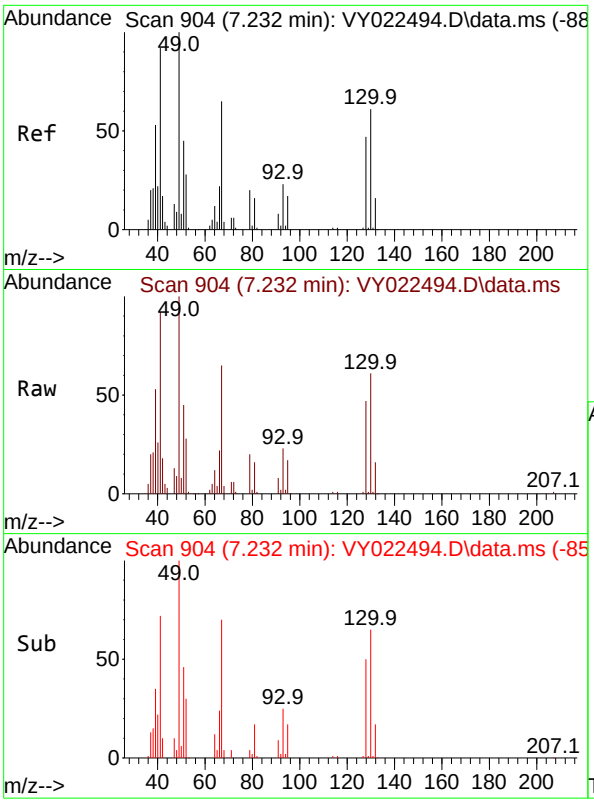


#40
Benzene
Concen: 51.376 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 78 Resp: 505749

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



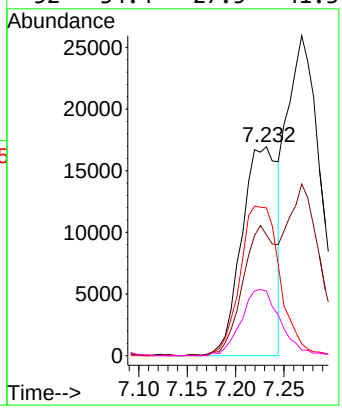


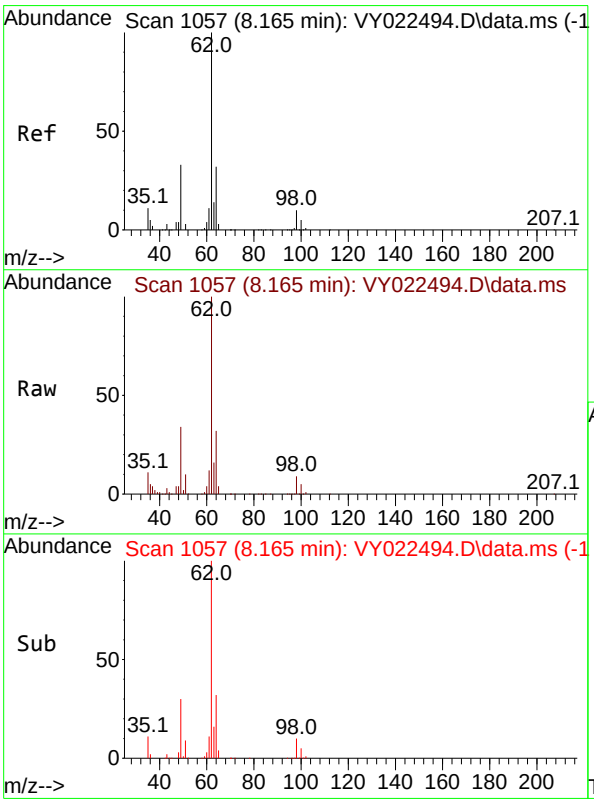
#41
Methacrylonitrile
Concen: 46.342 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 43865

Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.6	69.8
67	79.1	63.3	94.9
52	34.4	27.5	41.3

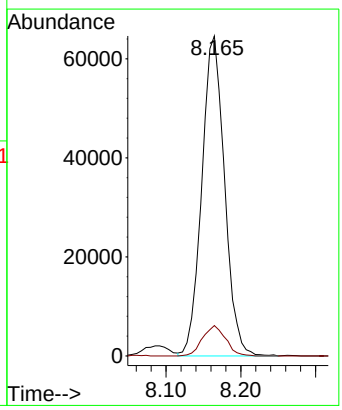


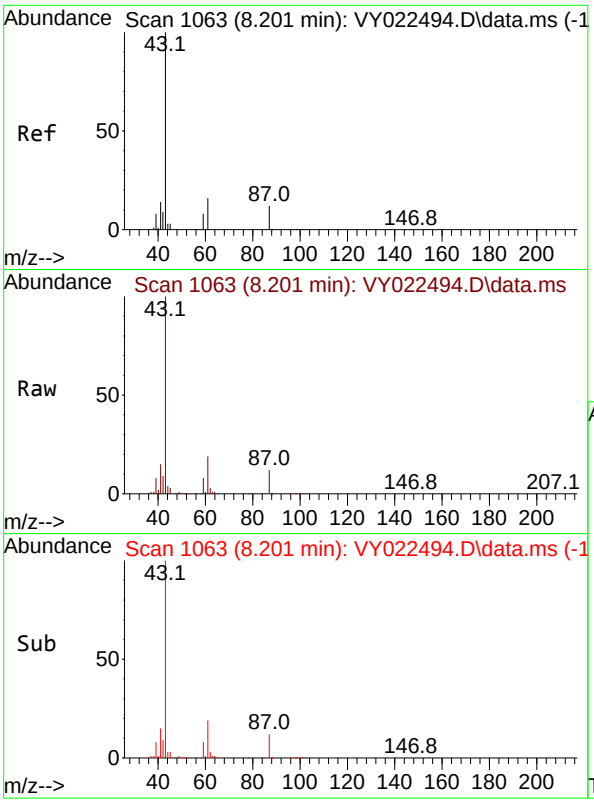


#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 136876

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



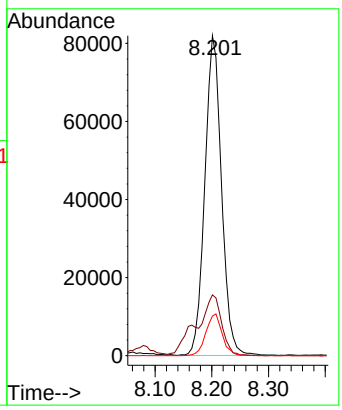


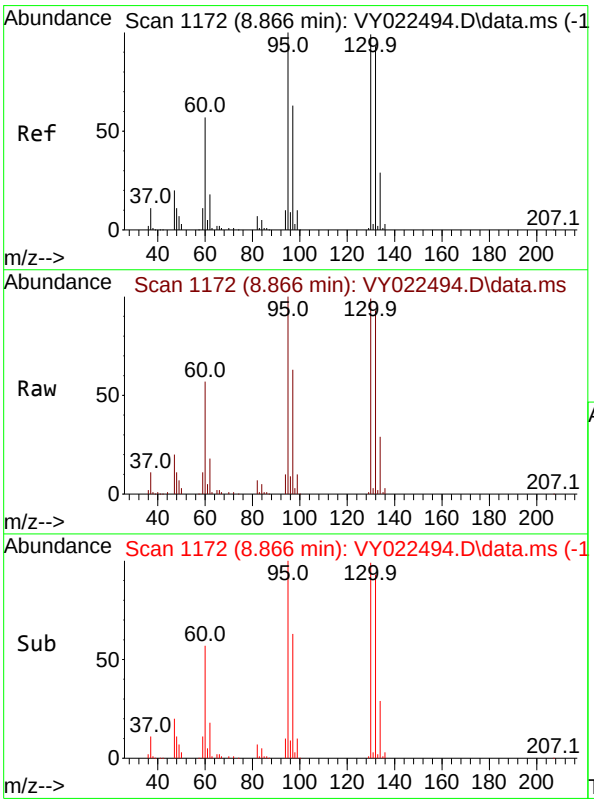
#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 167771

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	12.8	10.2	15.4

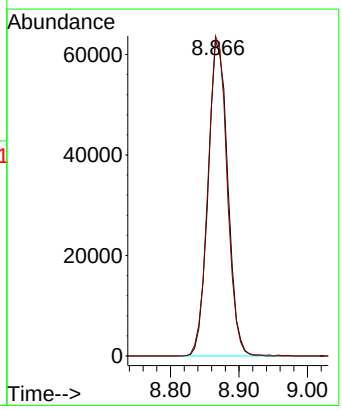


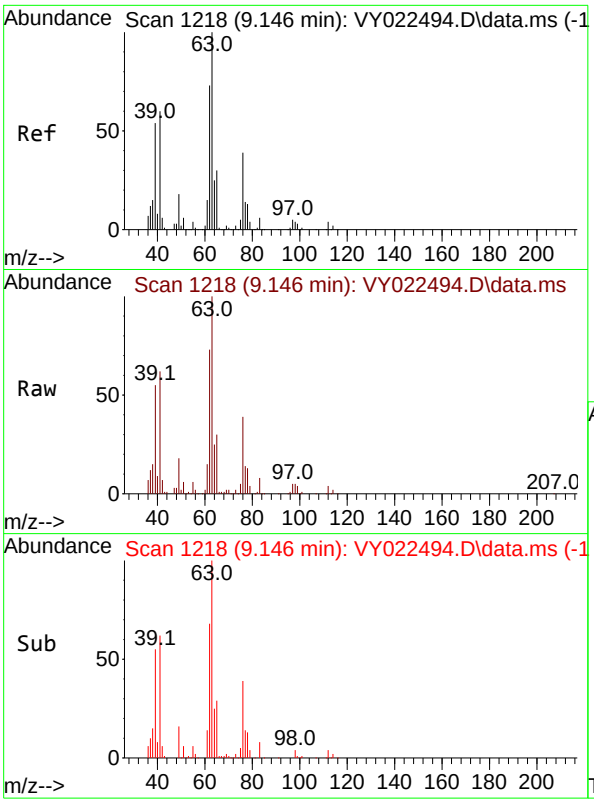


#44
Trichloroethene
Concen: 51.843 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	203.0



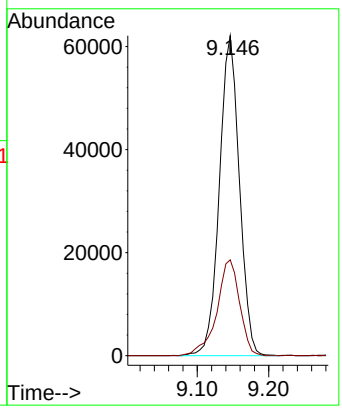


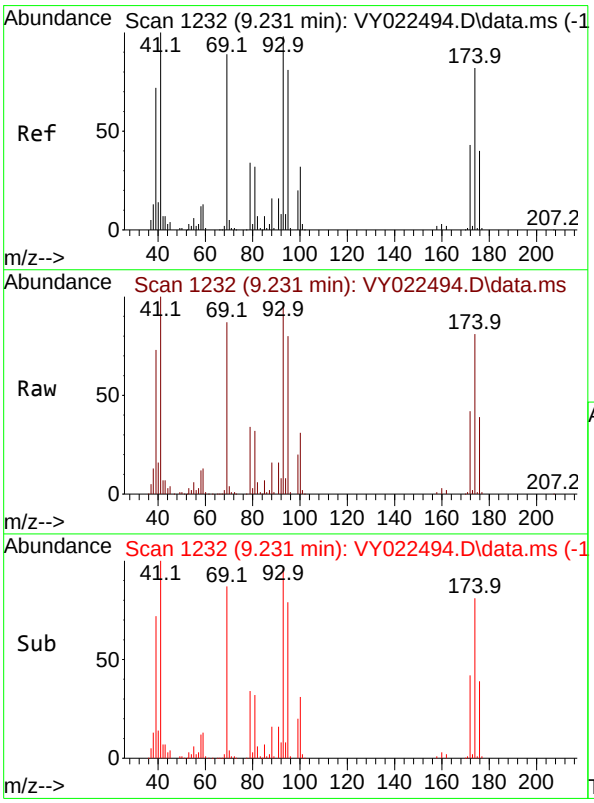
#45
1,2-Dichloropropane
Concen: 51.415 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 120660

Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.0	36.0

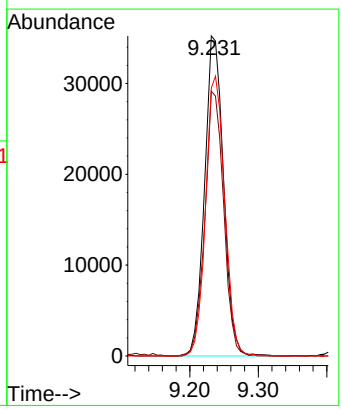


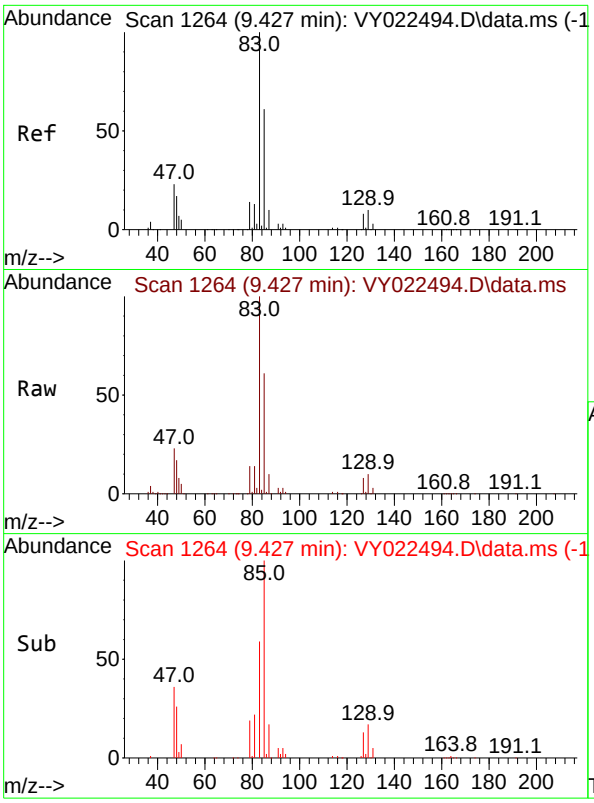


#46
Dibromomethane
Concen: 51.485 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 93 Resp: 67690

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.6	98.4
174	88.0	70.4	105.6



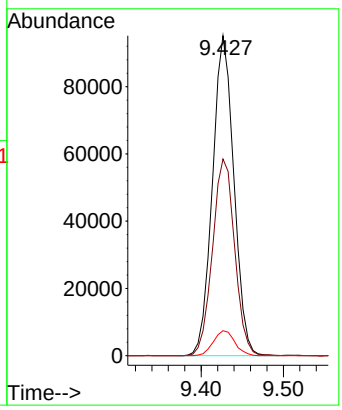


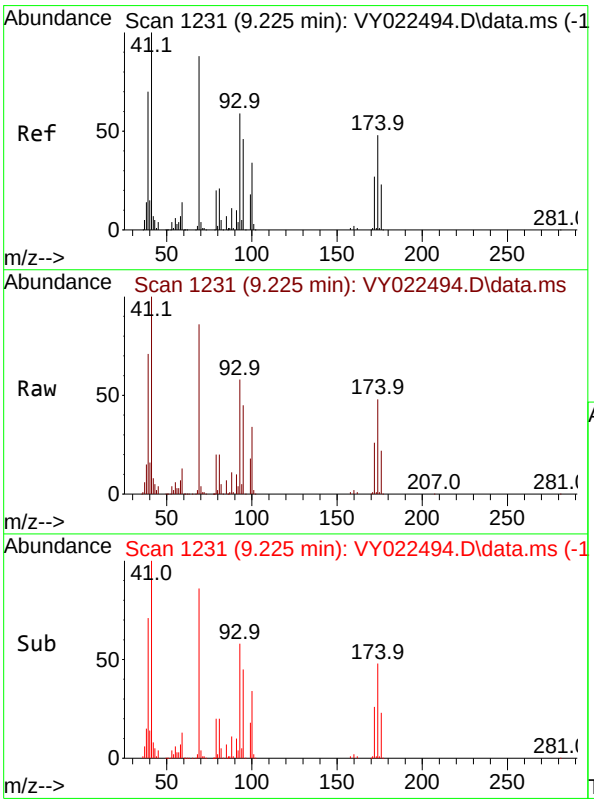
#47
Bromodichloromethane
Concen: 51.664 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 172341

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4

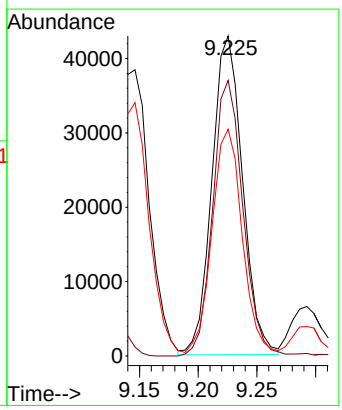


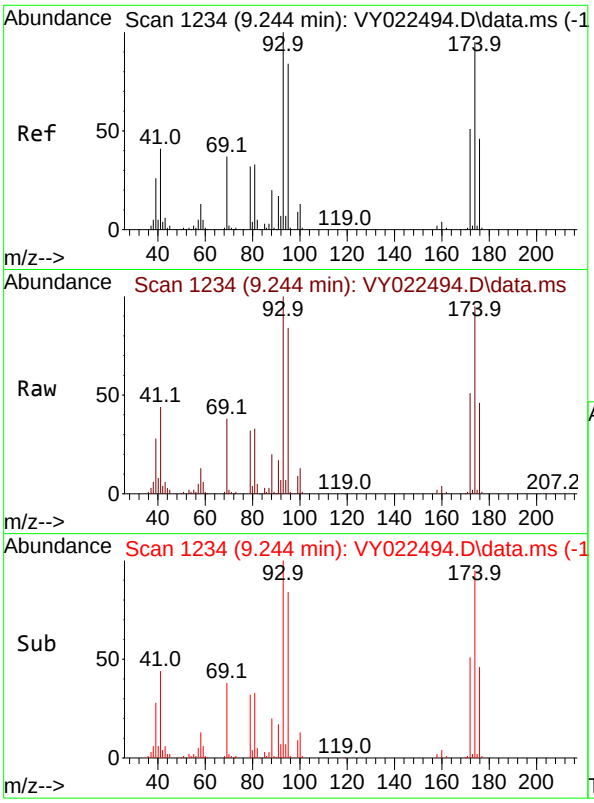


#48
Methyl methacrylate
Concen: 52.963 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885

Ion	Ratio	Lower	Upper
41	100		
69	84.8	67.8	101.8
39	68.7	55.0	82.4



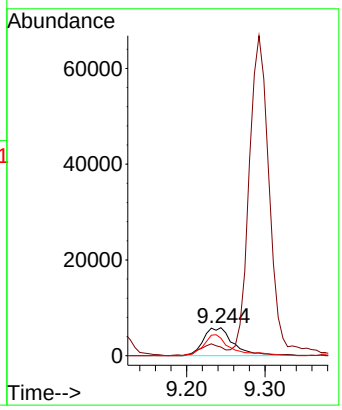


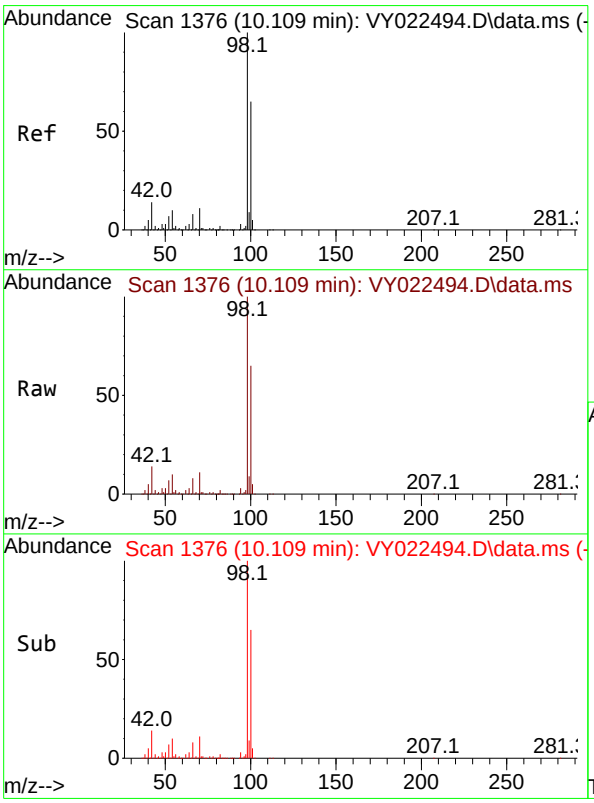
#49
1,4-Dioxane
Concen: 977.637 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 15334

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	68.6	54.9	82.3

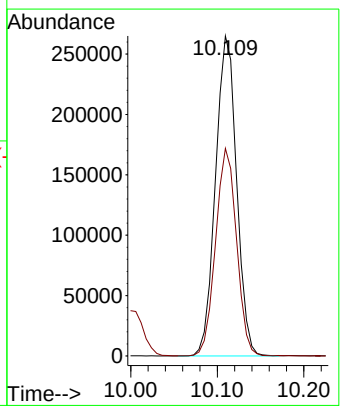


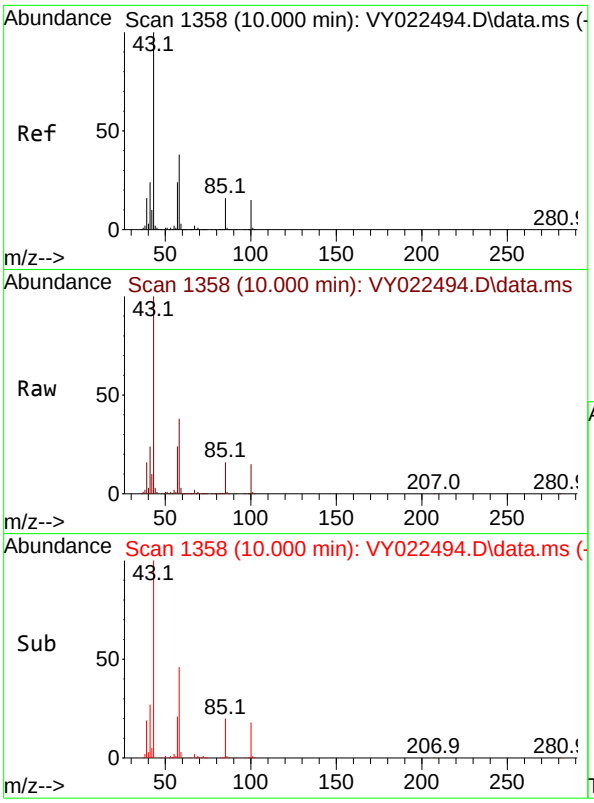


#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



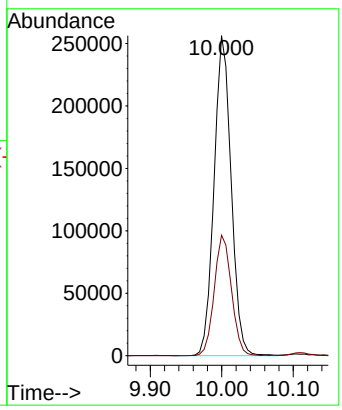


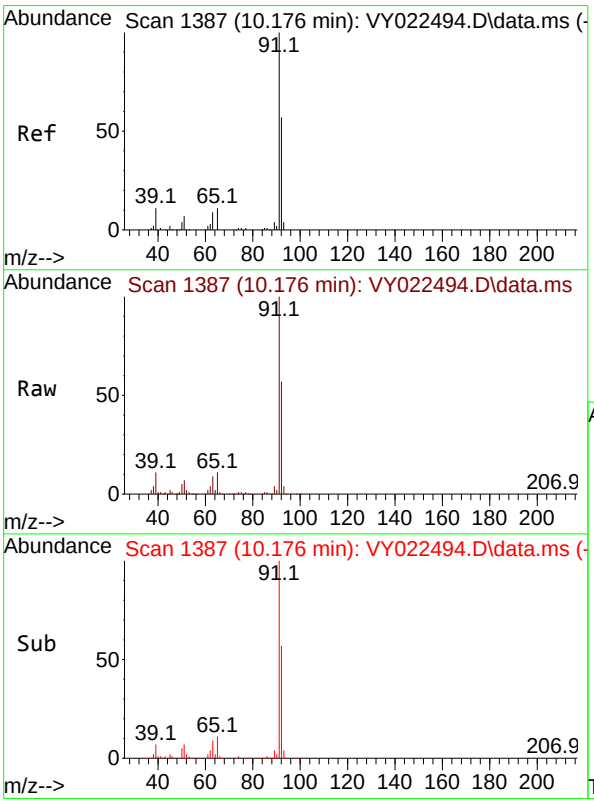
#51
4-Methyl-2-Pentanone
Concen: 267.154 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 425868

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6

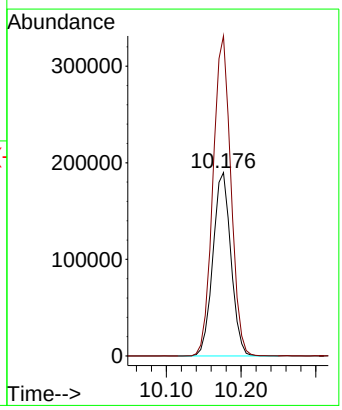


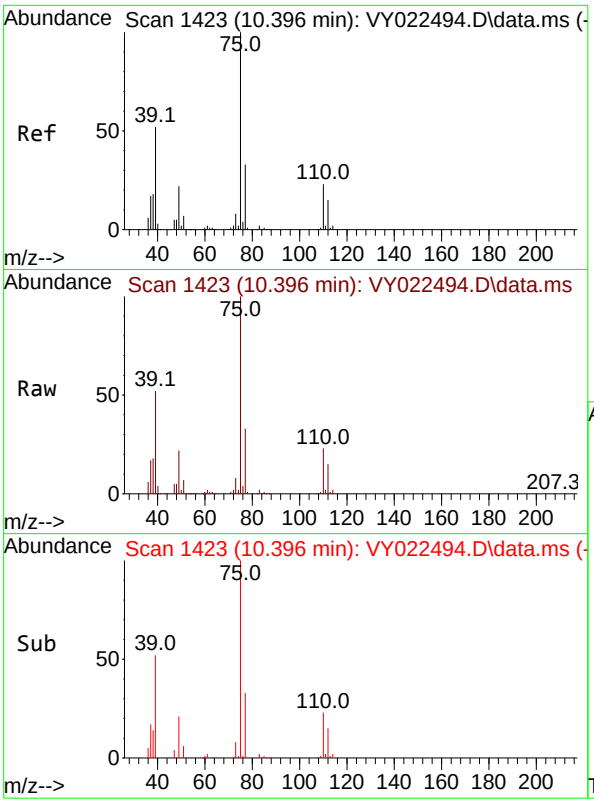


#52
Toluene
Concen: 51.213 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972

Ion	Ratio	Lower	Upper
92	100		
91	173.7	139.0	208.4



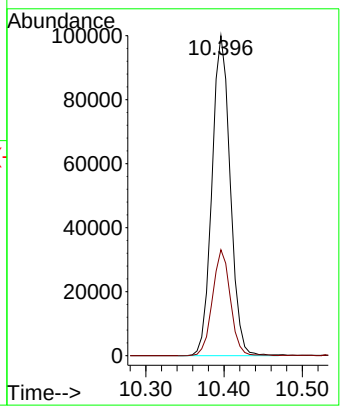


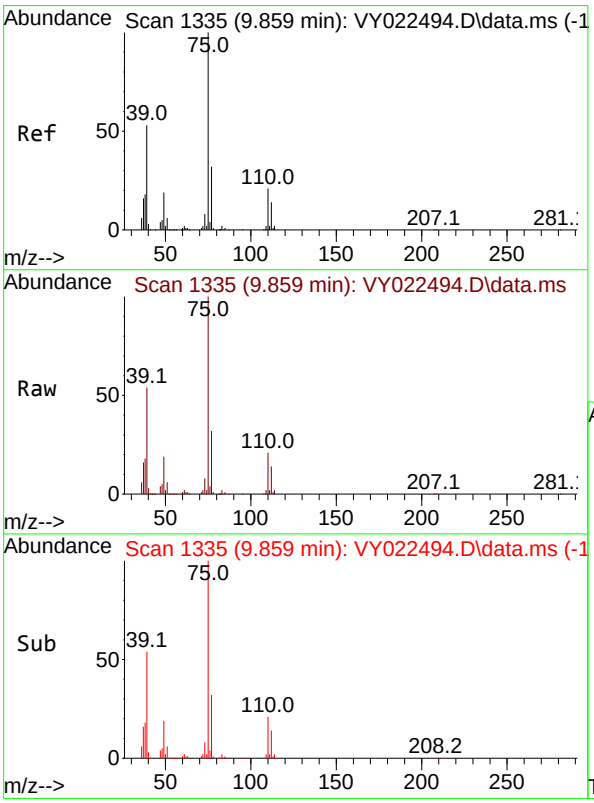
#53
t-1,3-Dichloropropene
Concen: 52.450 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 161859

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7

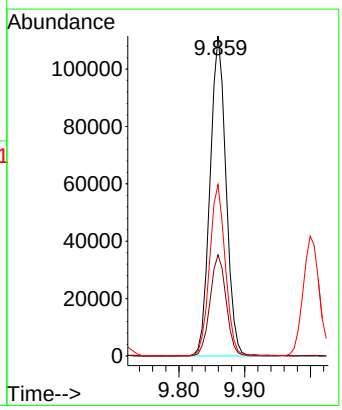


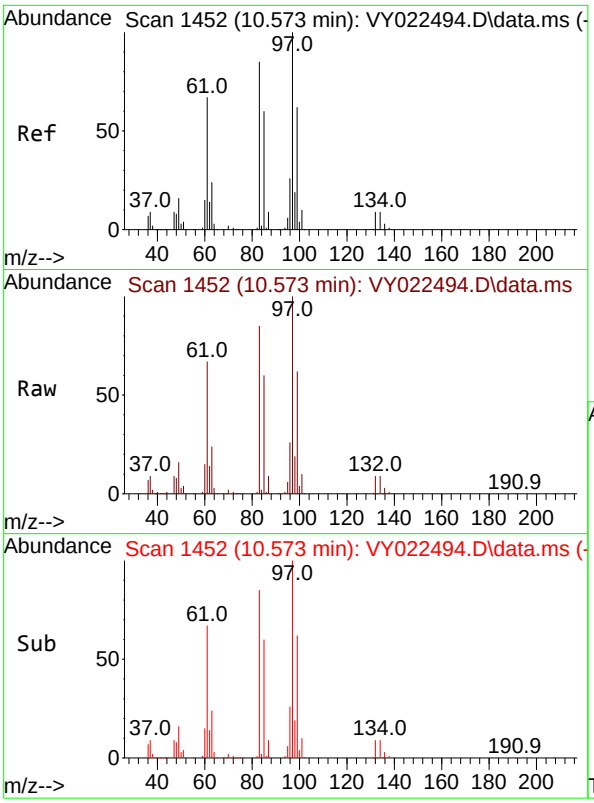


#54
cis-1,3-Dichloropropene
Concen: 52.108 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	53.4	42.7	64.1



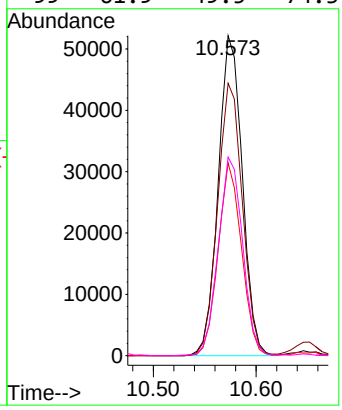


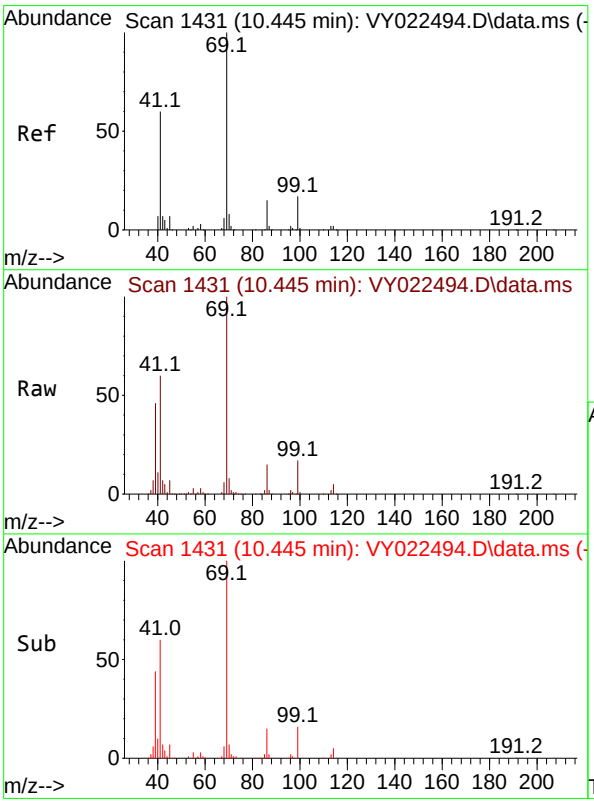
#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 84788

Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	60.2	48.2	72.2
99	61.9	49.5	74.3

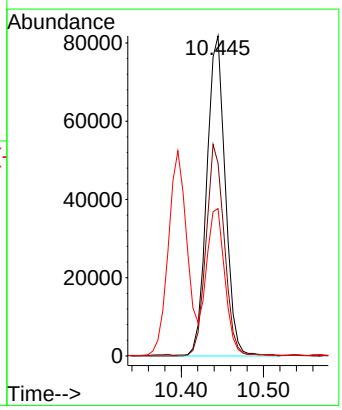


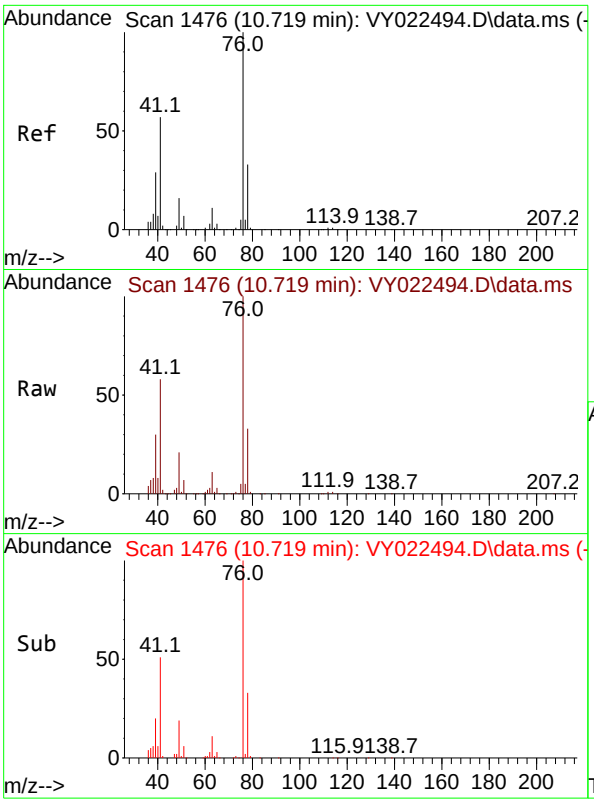


#56
Ethyl methacrylate
Concen: 52.930 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 69 Resp: 127271

Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	45.9	36.7	55.1



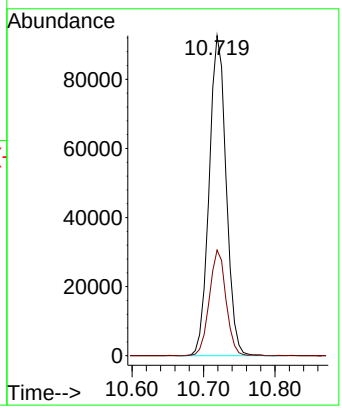


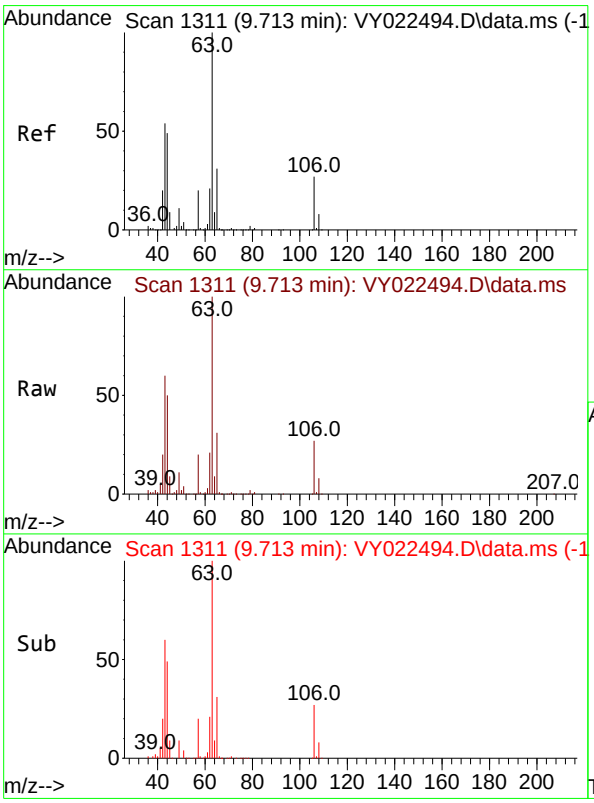
#57
1,3-Dichloropropane
Concen: 51.821 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 152809

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

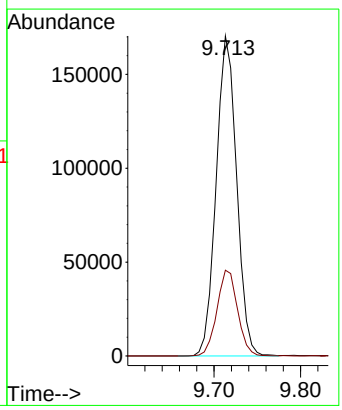


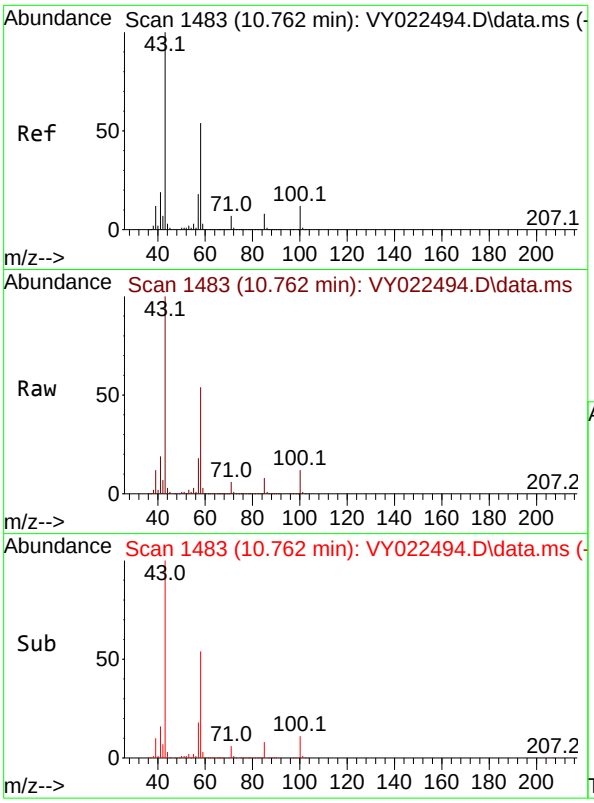


#58
2-Chloroethyl Vinyl ether
Concen: 260.896 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 279669

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.6	32.4



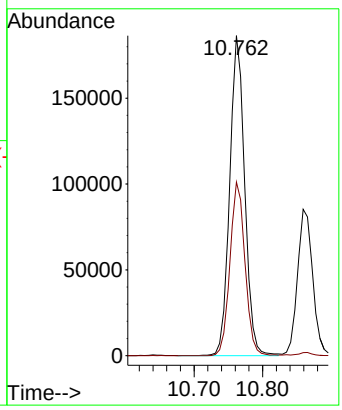


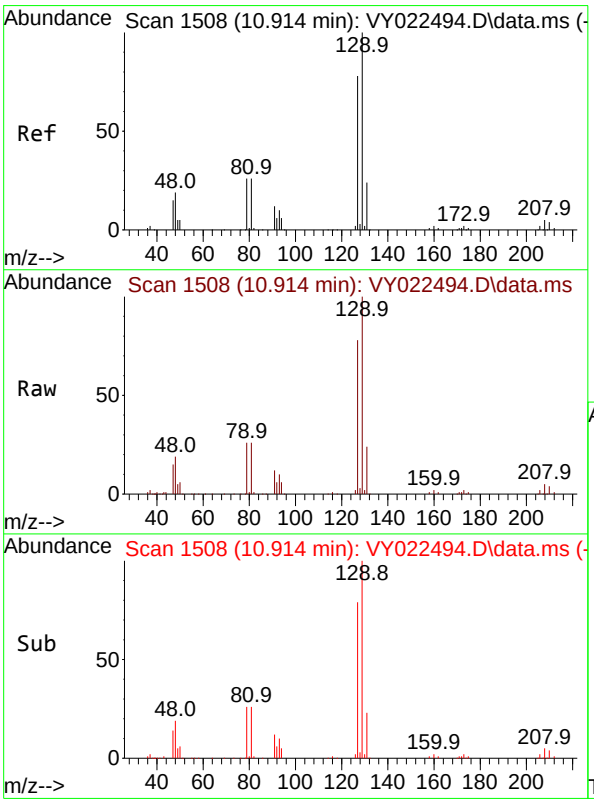
#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 283601

Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

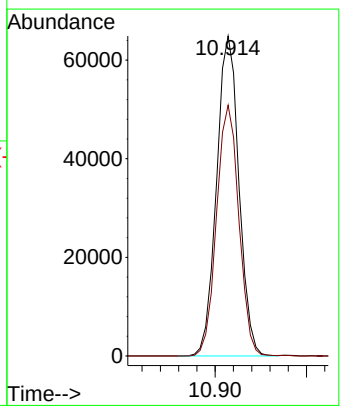


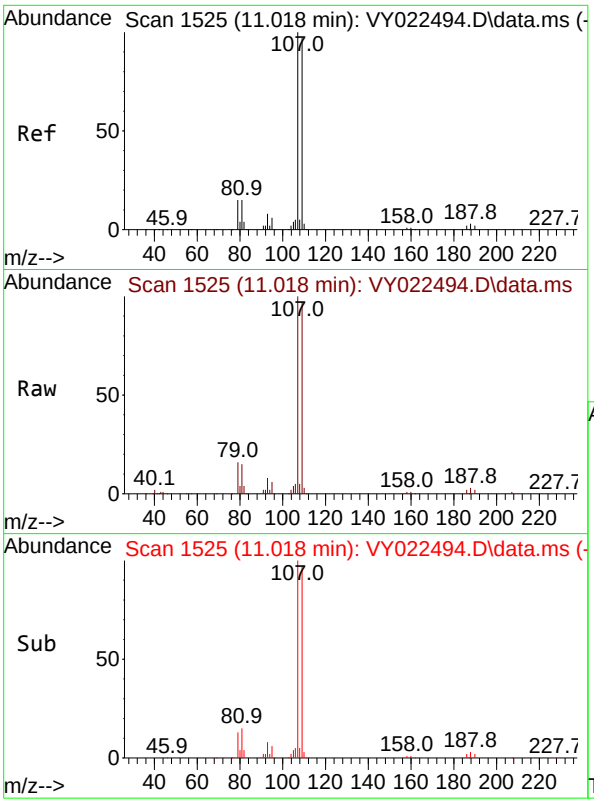


#60
Dibromochloromethane
Concen: 52.582 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:129 Resp: 110314

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2



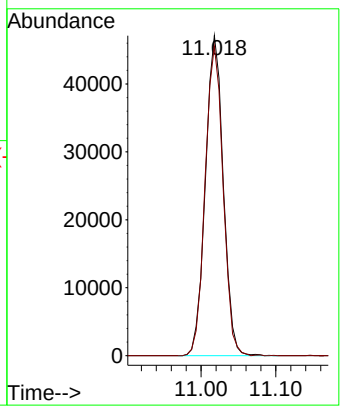


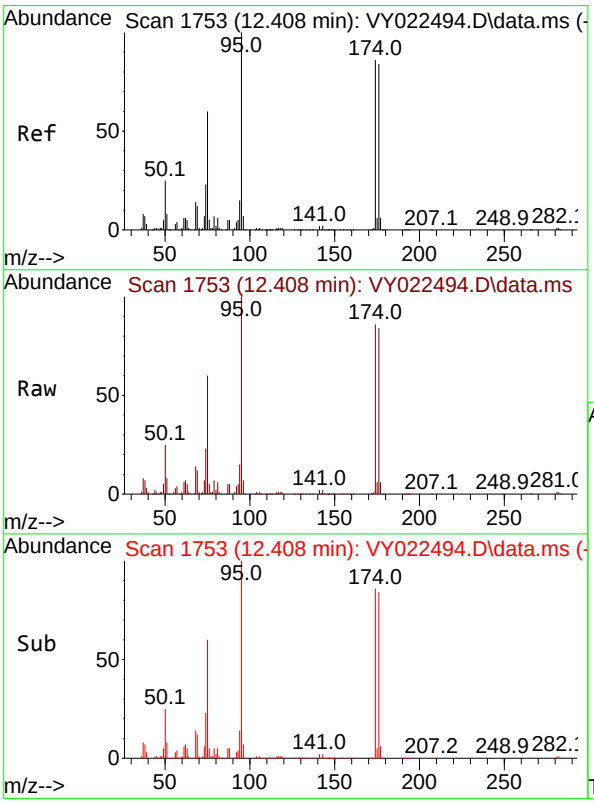
#61
1,2-Dibromoethane
Concen: 51.150 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 78151

Ion	Ratio	Lower	Upper
107	100		
109	97.1	77.7	116.5

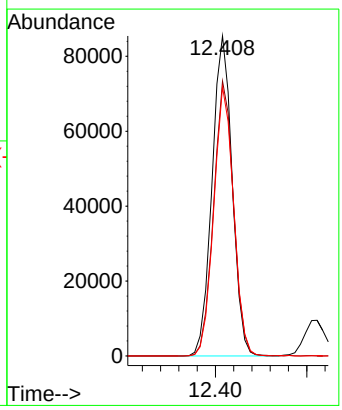


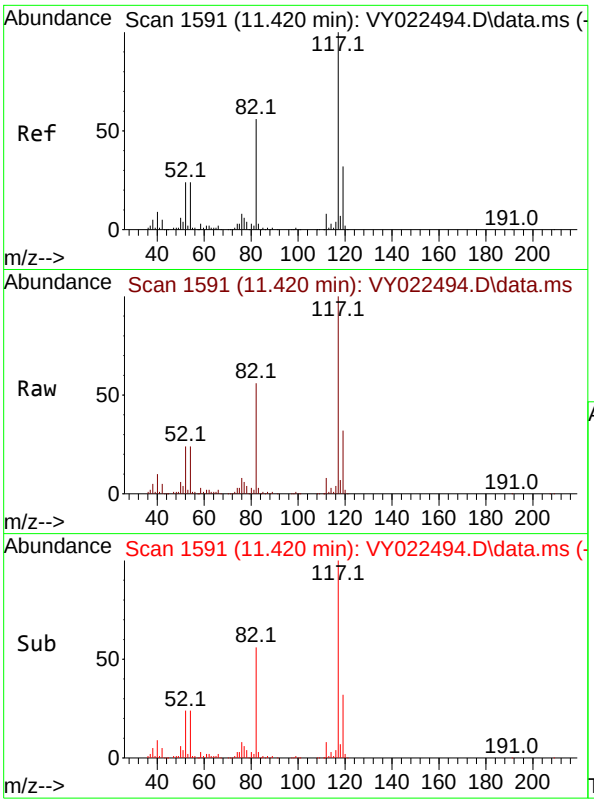


#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	170.0
176	83.1	0.0	166.2



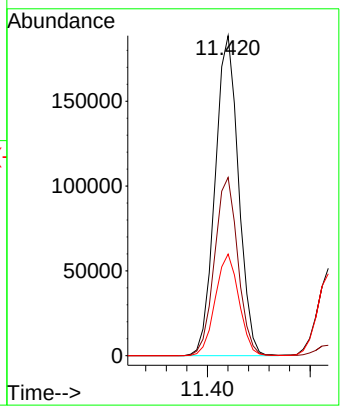


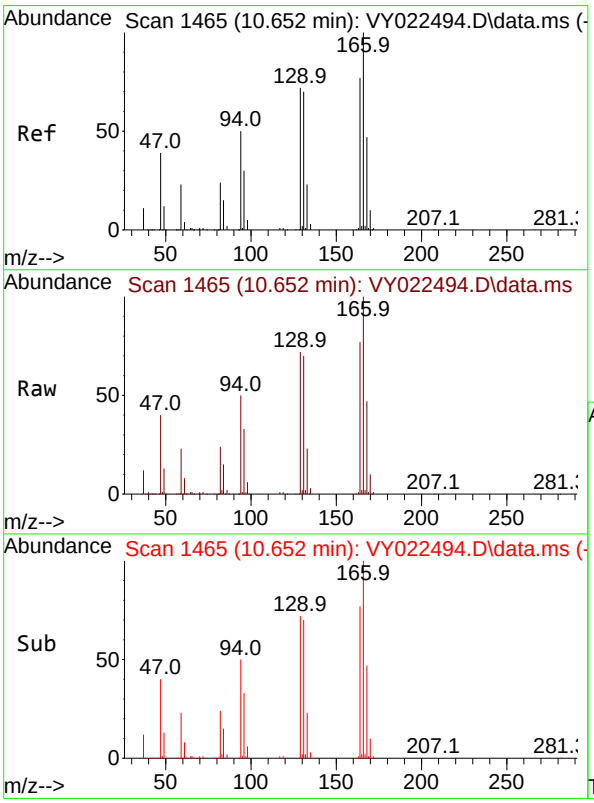
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 298187

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.7	25.4	38.0

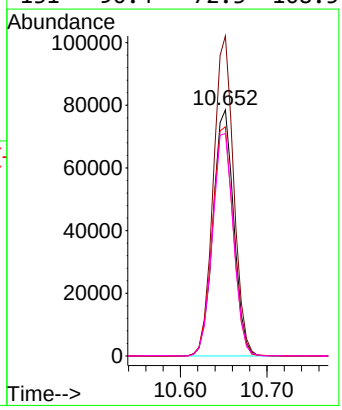


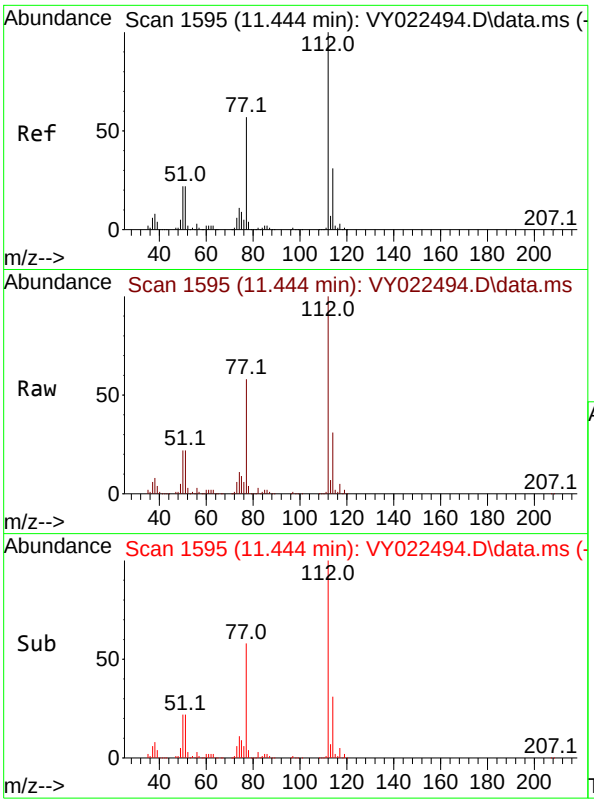


#64
Tetrachloroethene
Concen: 51.367 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:164 Resp: 130171

Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.0	156.0
129	93.1	74.5	111.7
131	90.4	72.3	108.5



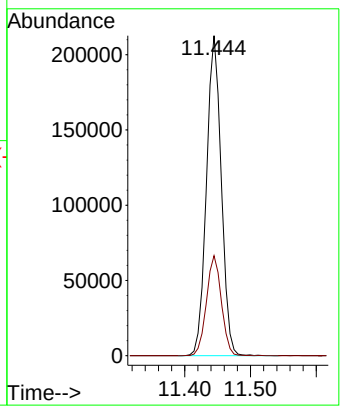


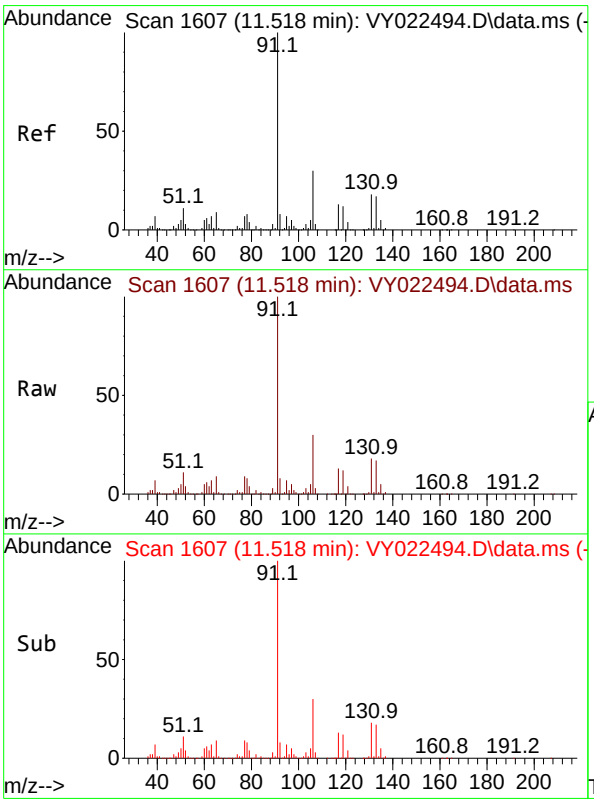
#65
Chlorobenzene
Concen: 51.447 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 332645

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

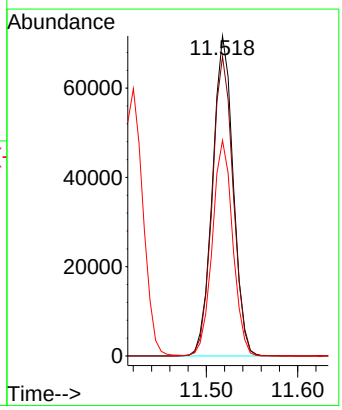


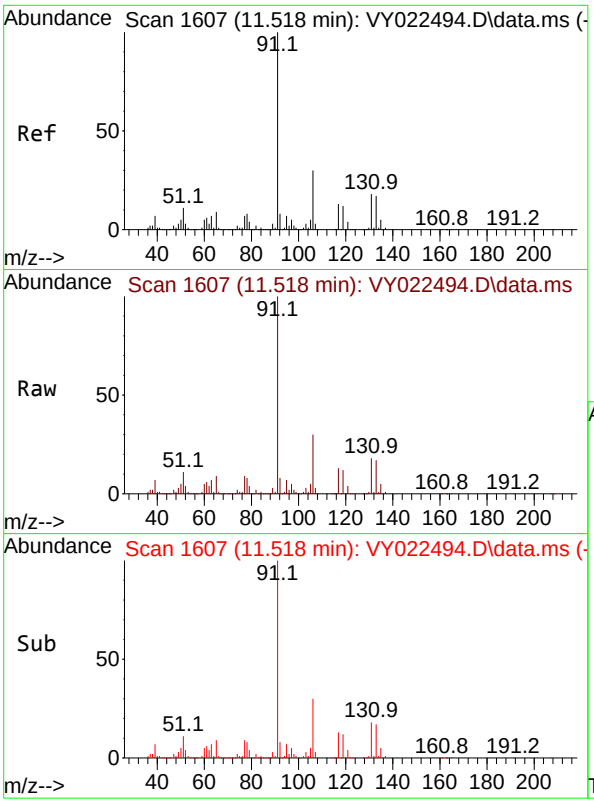


#66
1,1,1,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:131 Resp: 112934

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	66.2	33.1	99.3



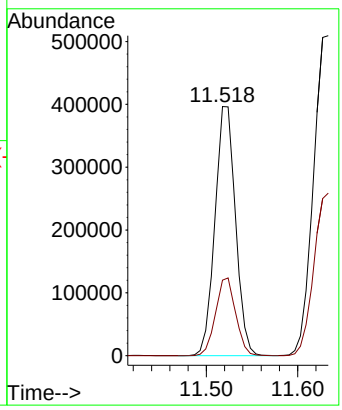


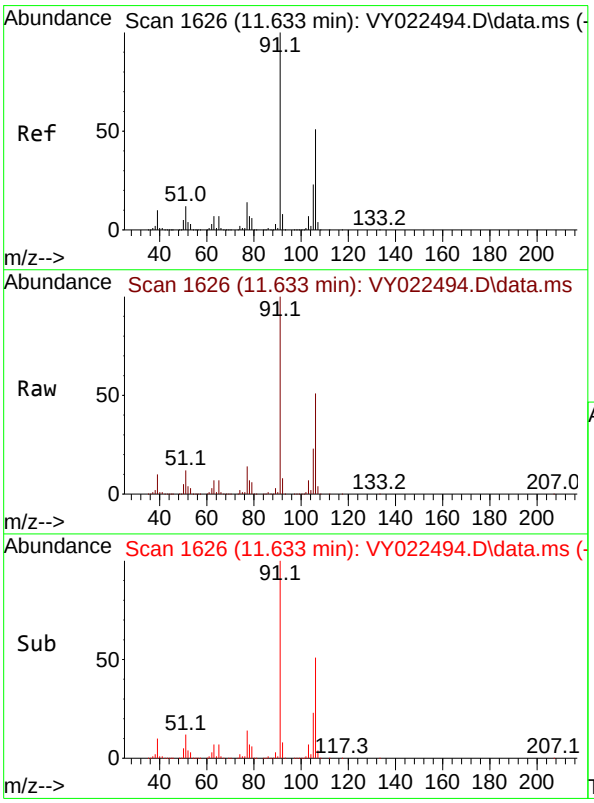
#67
Ethyl Benzene
Concen: 51.577 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 621031

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

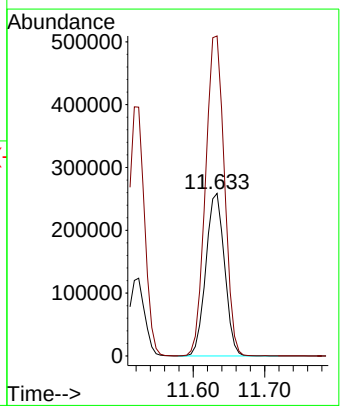


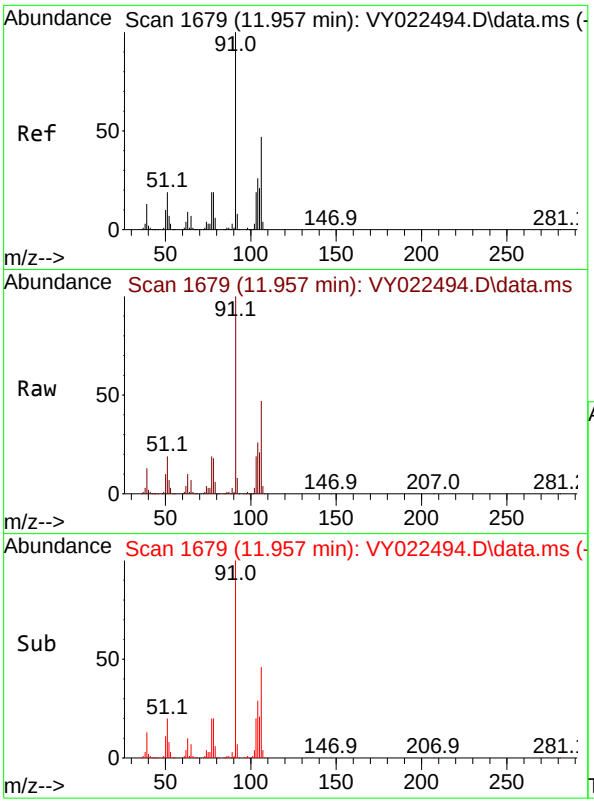


#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:106 Resp: 468441

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0



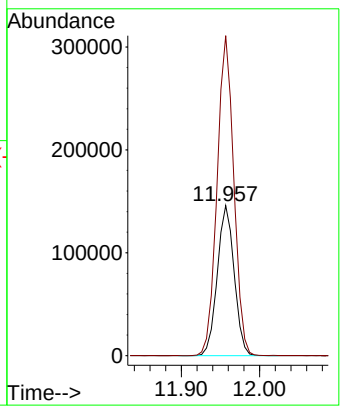


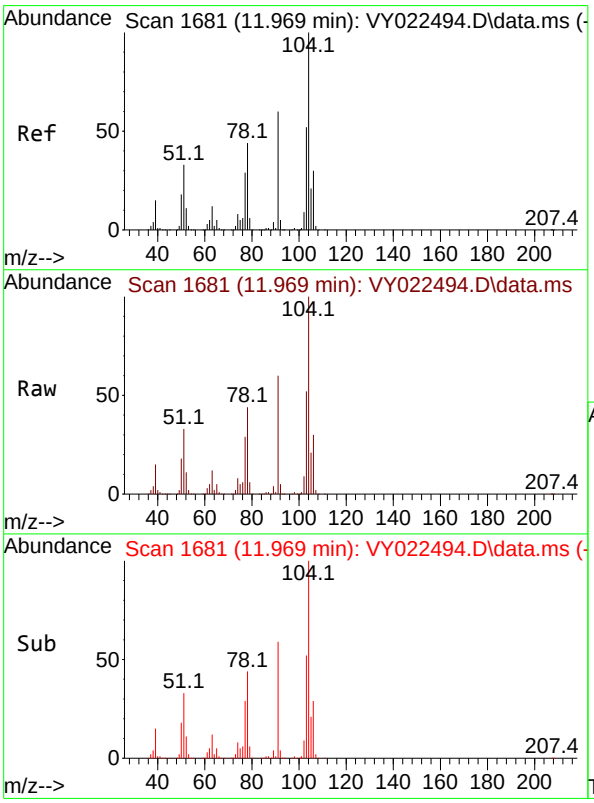
#69
o-Xylene
Concen: 51.293 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 218760

Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.8	317.3

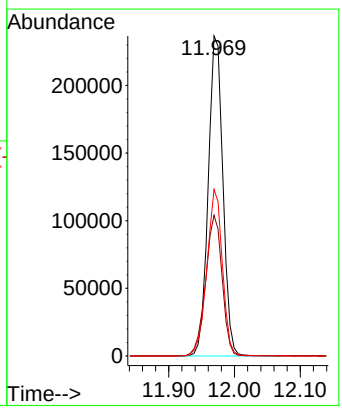


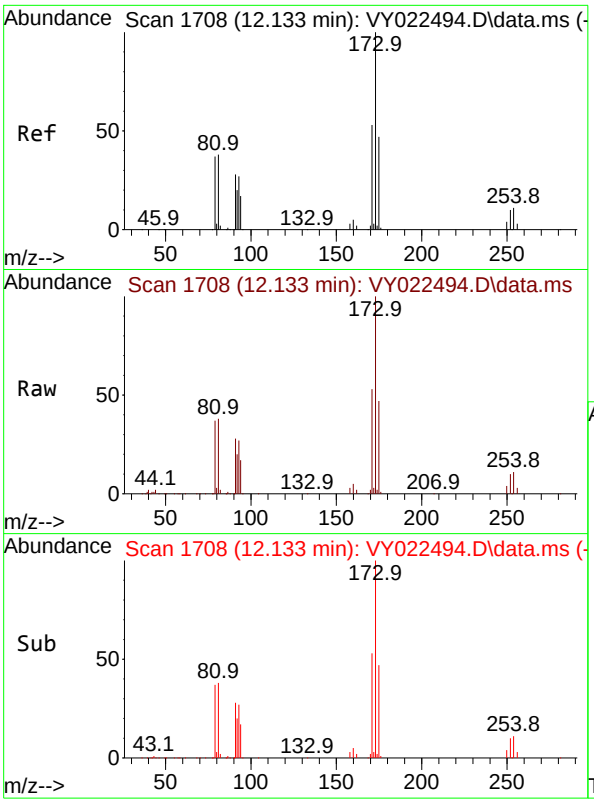


#70
Styrene
Concen: 52.052 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553

Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.5	59.3
103	55.1	44.1	66.1



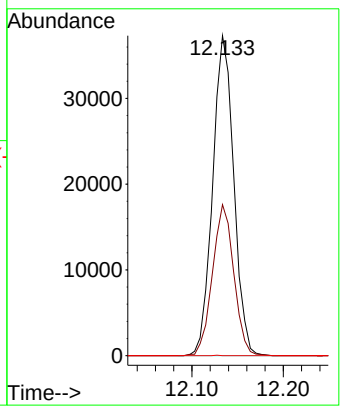


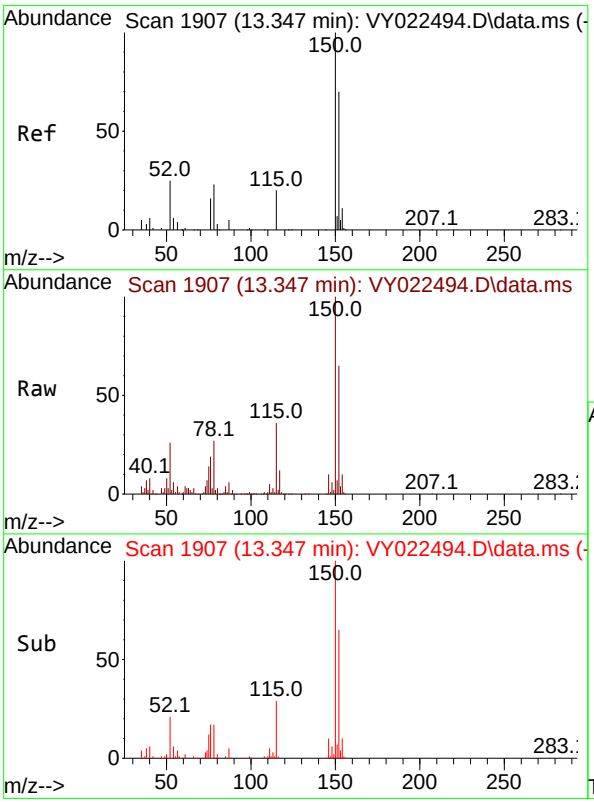
#71
Bromoform
Concen: 51.996 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 59888

Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.8	71.5
254	0.0	0.0	0.0#

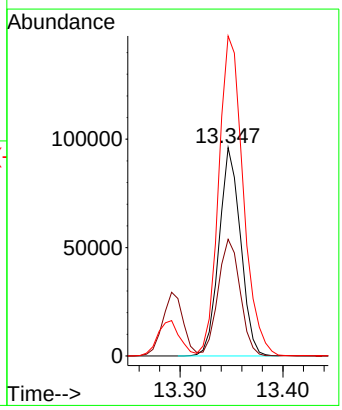


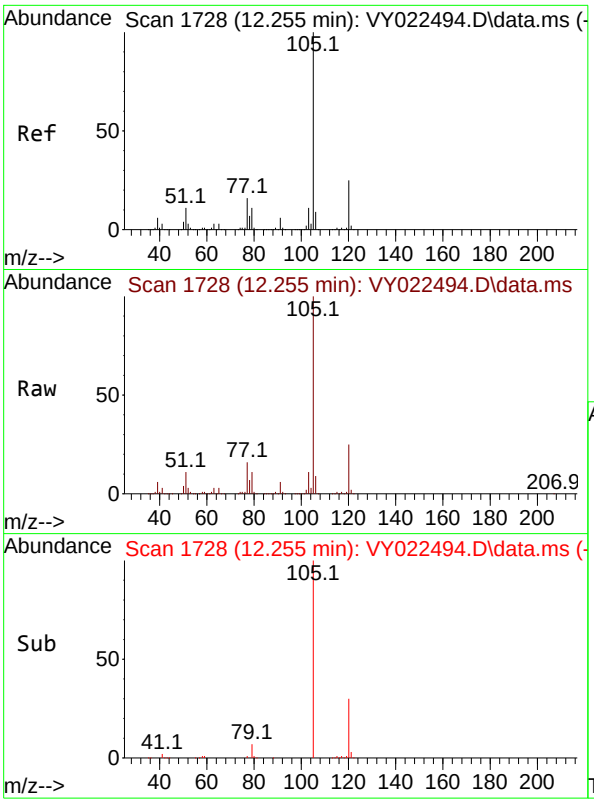


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:152 Resp: 139554

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	174.8	0.0	349.6



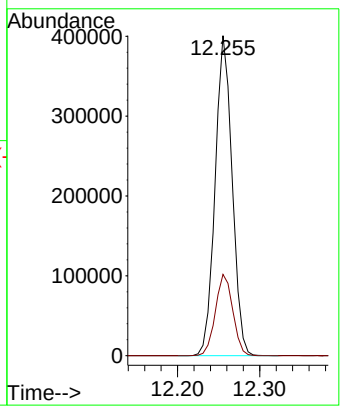


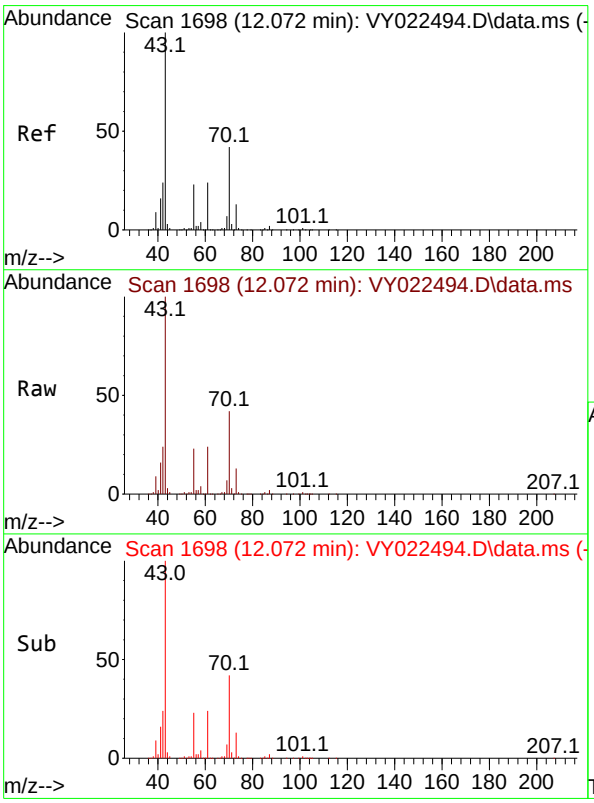
#73
Isopropylbenzene
Concen: 51.329 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 577133

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

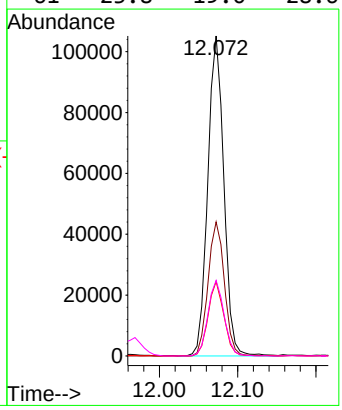


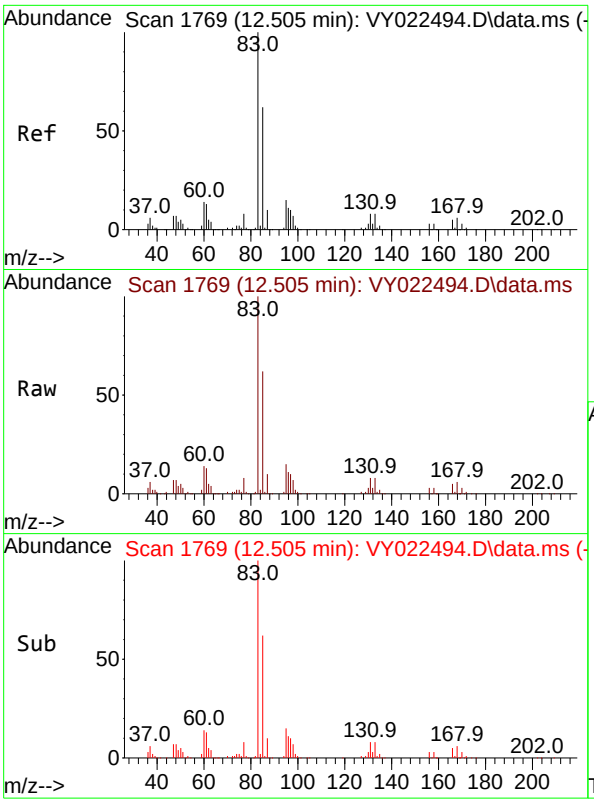


#74
N-amyl acetate
Concen: 52.627 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.2	51.2
55	22.8	18.2	27.4
61	23.8	19.0	28.6



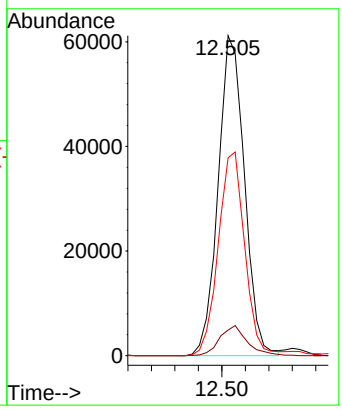


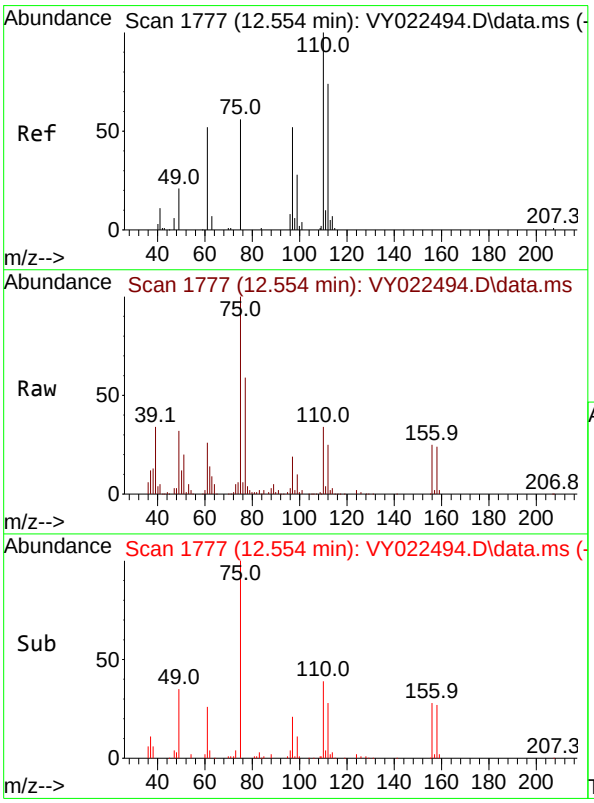
#75
1,1,2,2-Tetrachloroethane
Concen: 52.145 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 95218

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.2	32.6	97.8

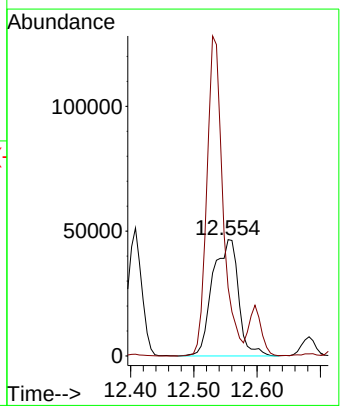


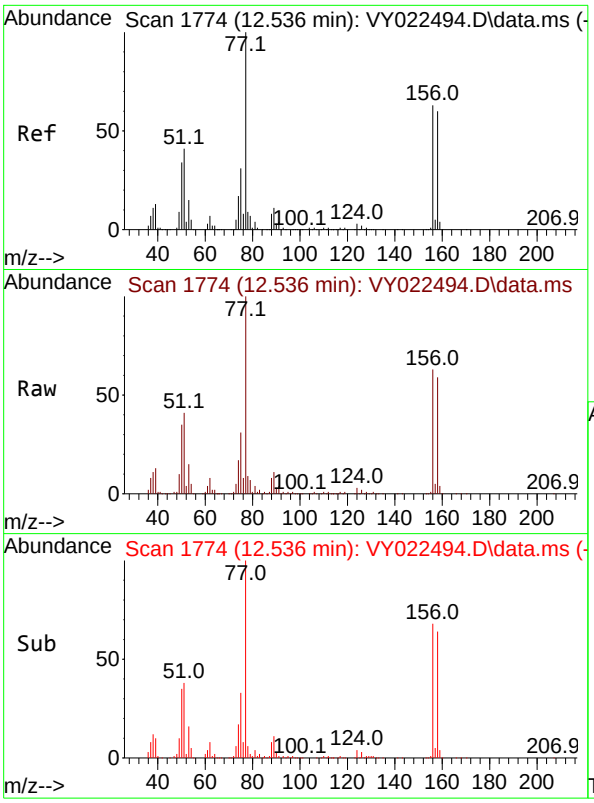


#76
1,2,3-Trichloropropane
Concen: 71.836 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 132344

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



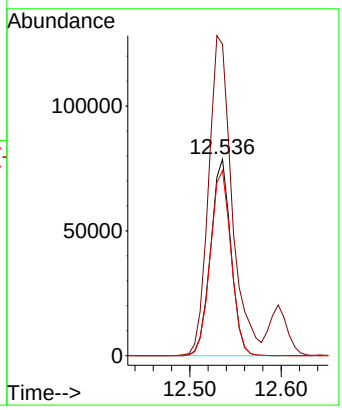


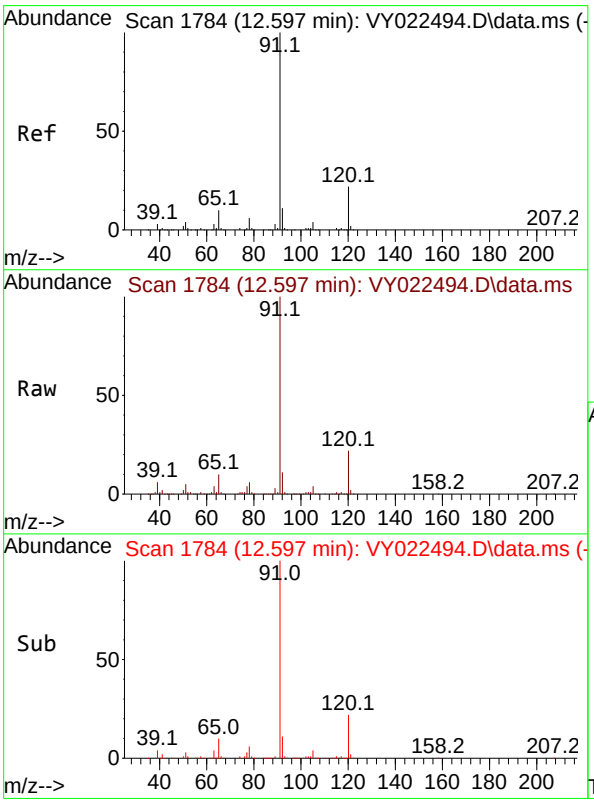
#77
Bromobenzene
Concen: 50.812 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 121092

Ion	Ratio	Lower	Upper
156	100		
77	188.1	94.0	282.1
158	96.4	48.2	144.6

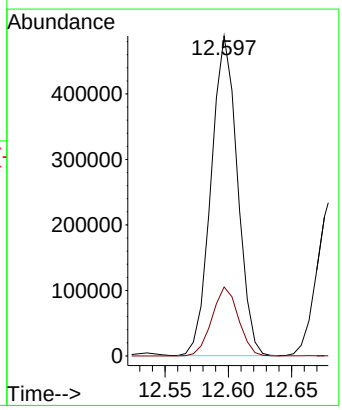


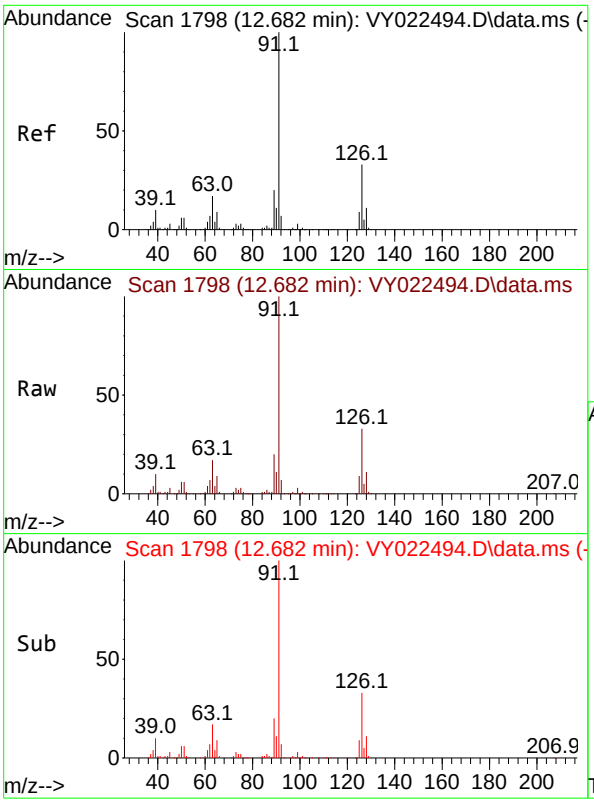


#78
n-propylbenzene
Concen: 51.667 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 707143

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4



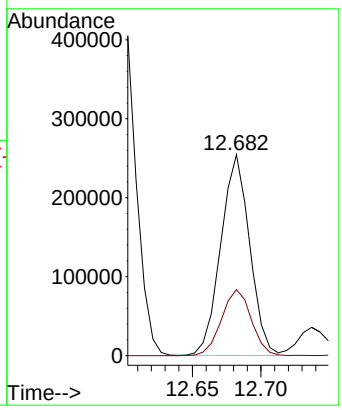


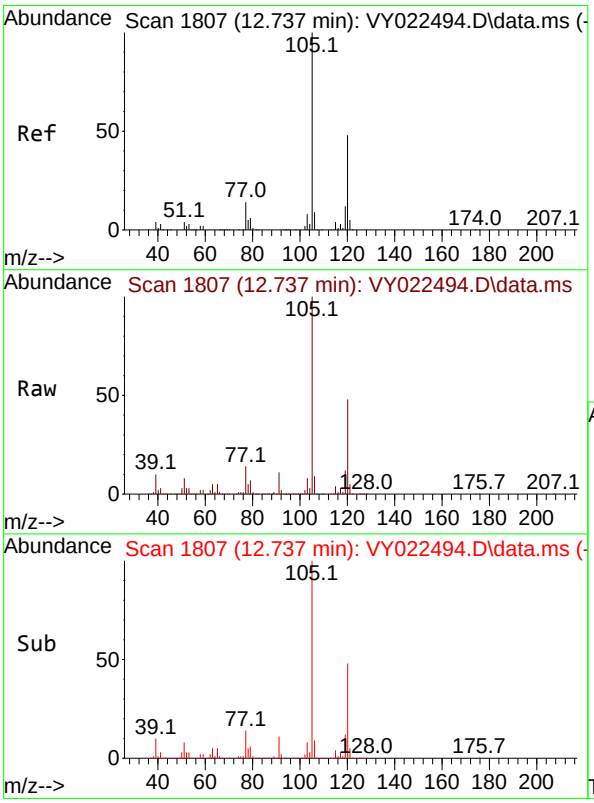
#79
2-Chlorotoluene
Concen: 51.670 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 373402

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

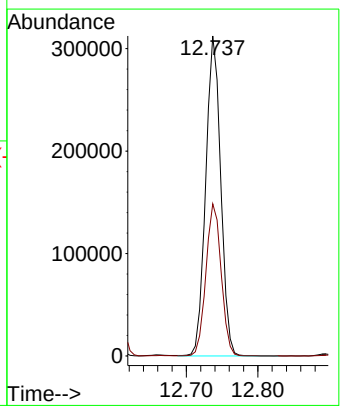


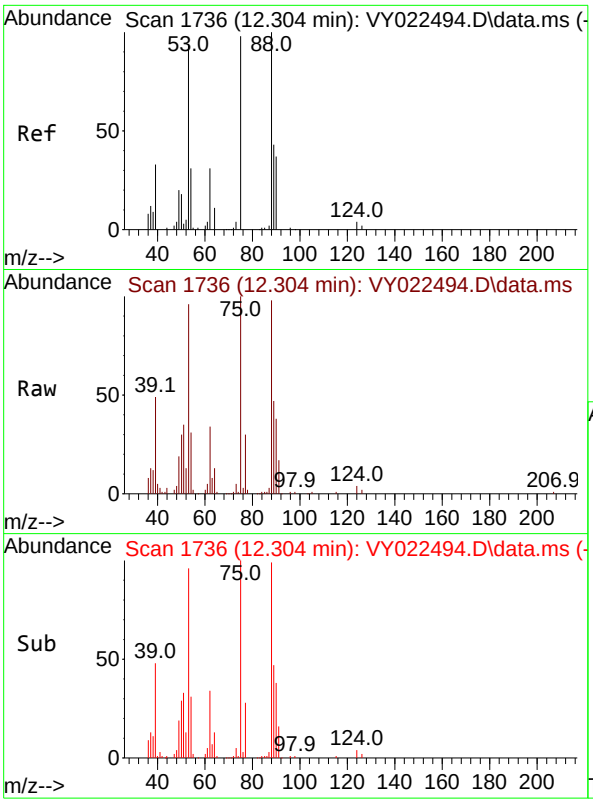


#80
1,3,5-Trimethylbenzene
Concen: 51.754 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 455006

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4



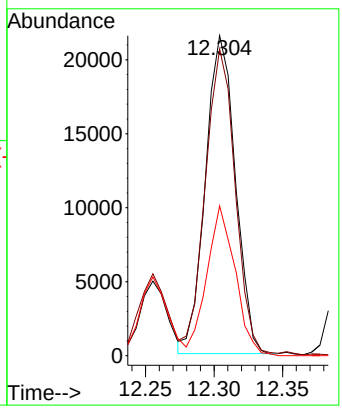


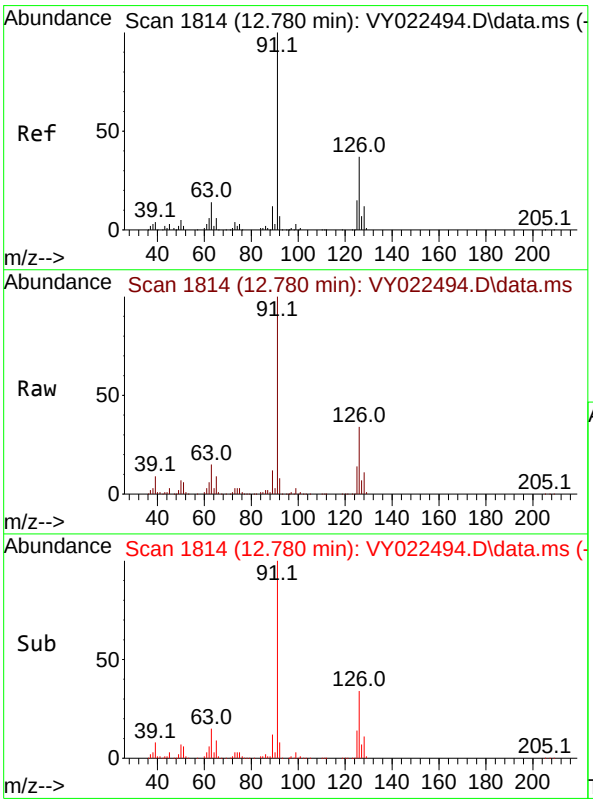
#81
trans-1,4-Dichloro-2-butene
Concen: 50.780 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 32630

Ion	Ratio	Lower	Upper
75	100		
53	98.1	78.5	117.7
89	44.6	35.7	53.5

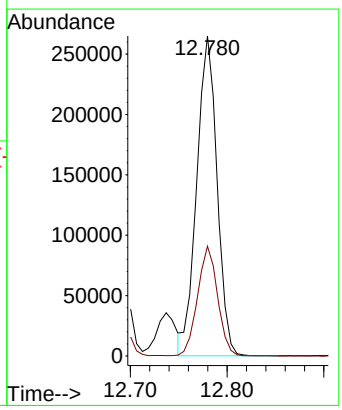


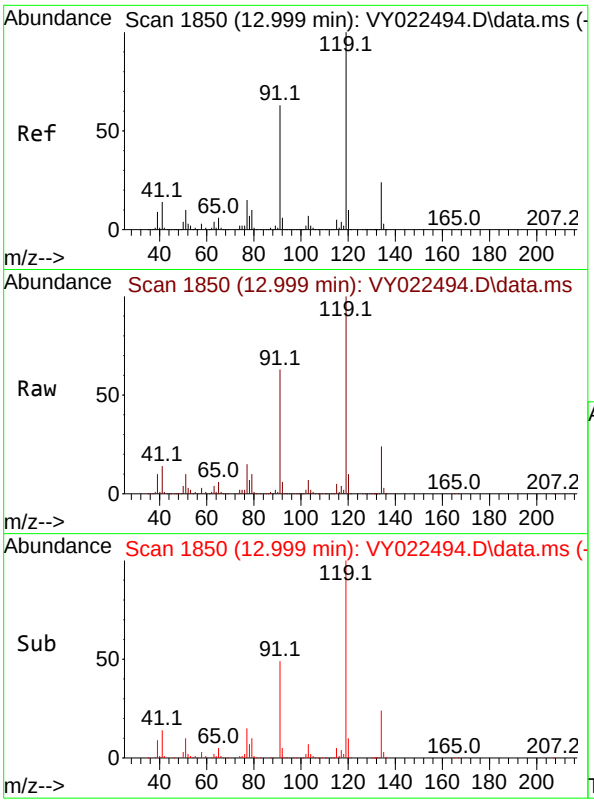


#82
4-Chlorotoluene
Concen: 51.710 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	50.9



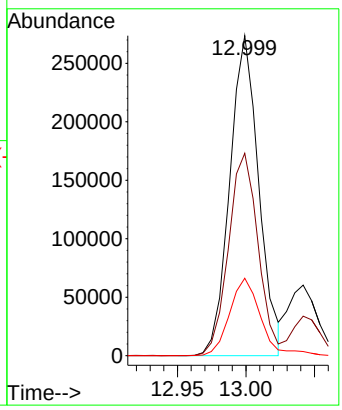


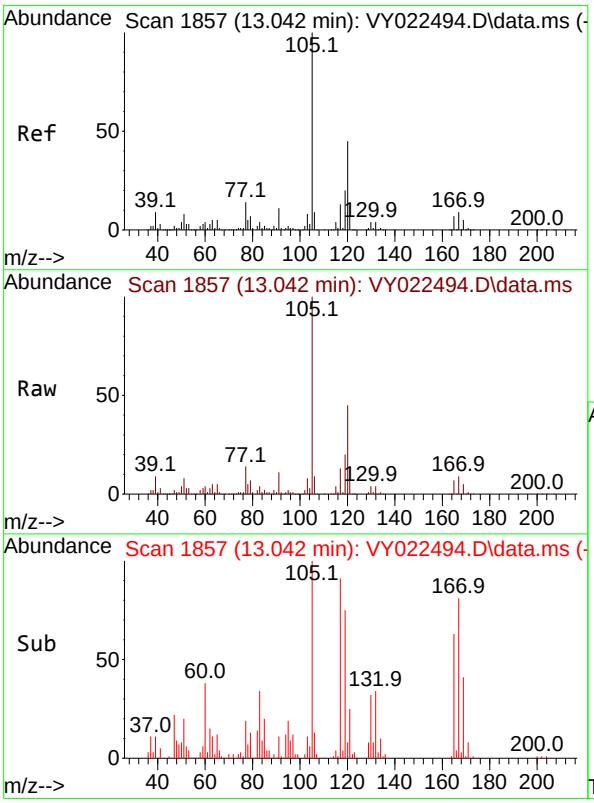
#83
tert-Butylbenzene
Concen: 50.438 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 404519

Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.1	96.3
134	25.9	13.0	38.9

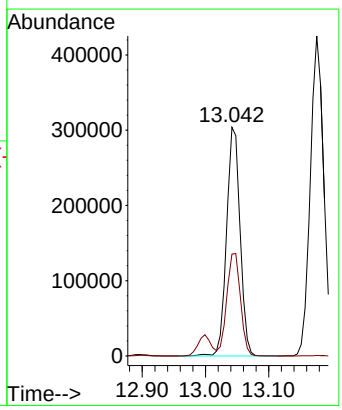


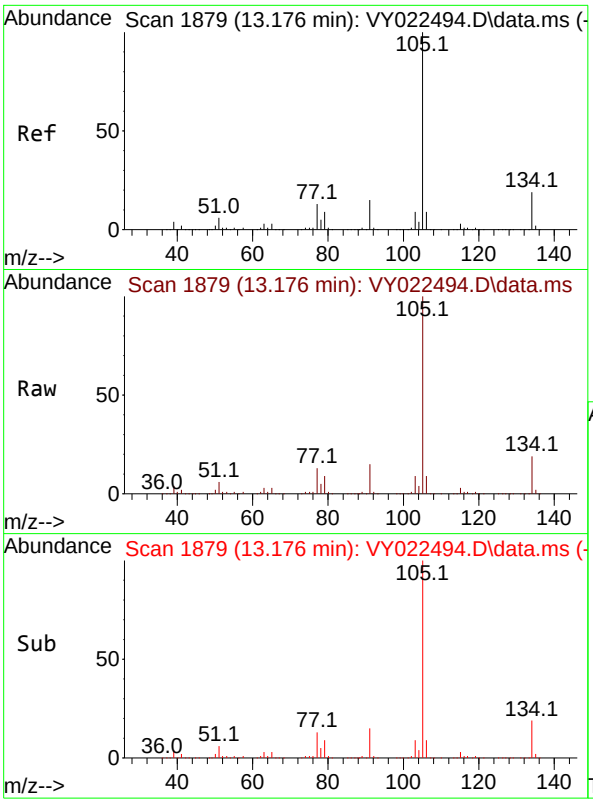


#84
1,2,4-Trimethylbenzene
Concen: 51.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



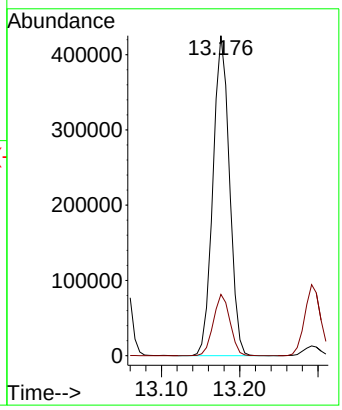


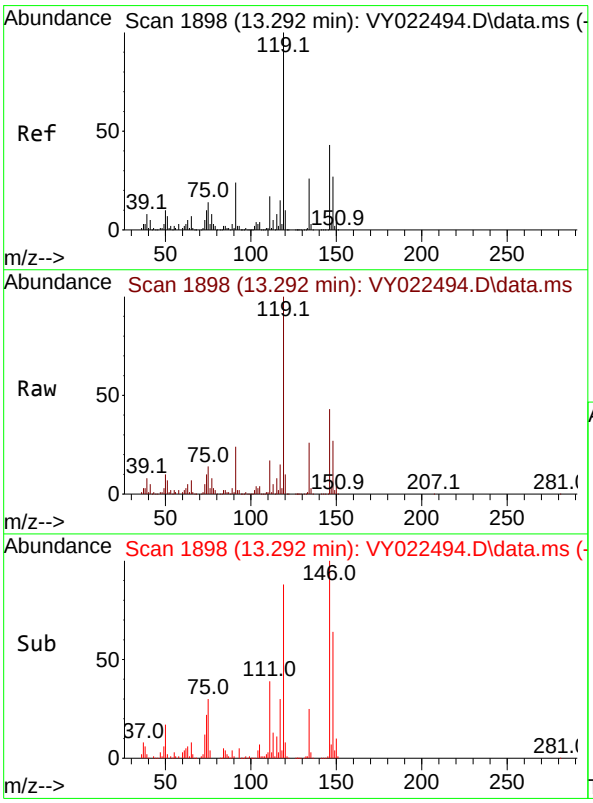
#85
sec-Butylbenzene
Concen: 51.250 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 623185

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

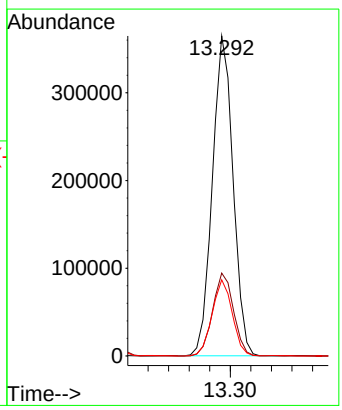


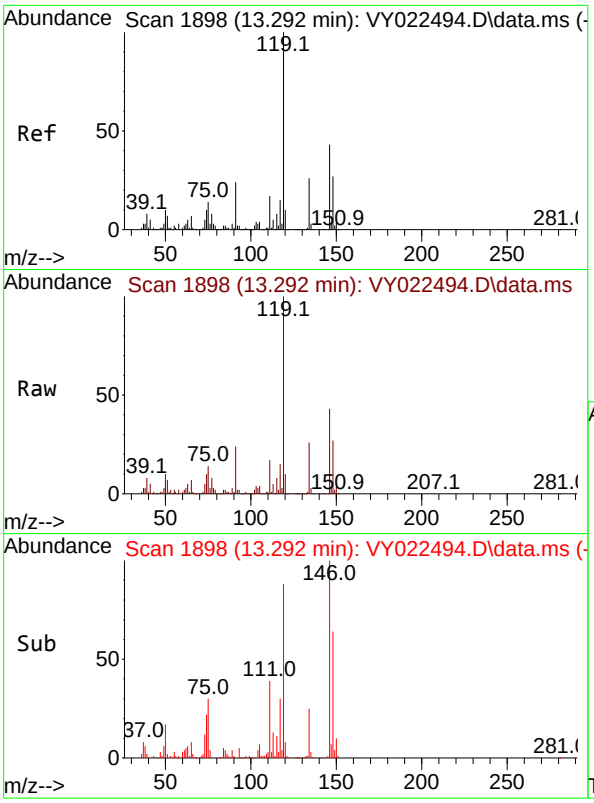


#86
p-Isopropyltoluene
Concen: 51.018 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:119 Resp: 510026

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.2	11.6	34.8



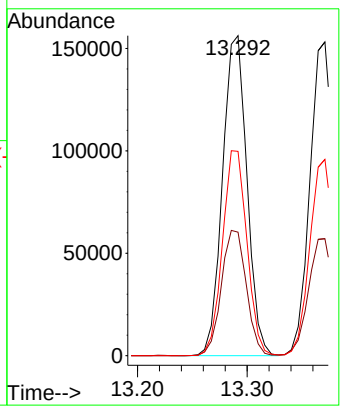


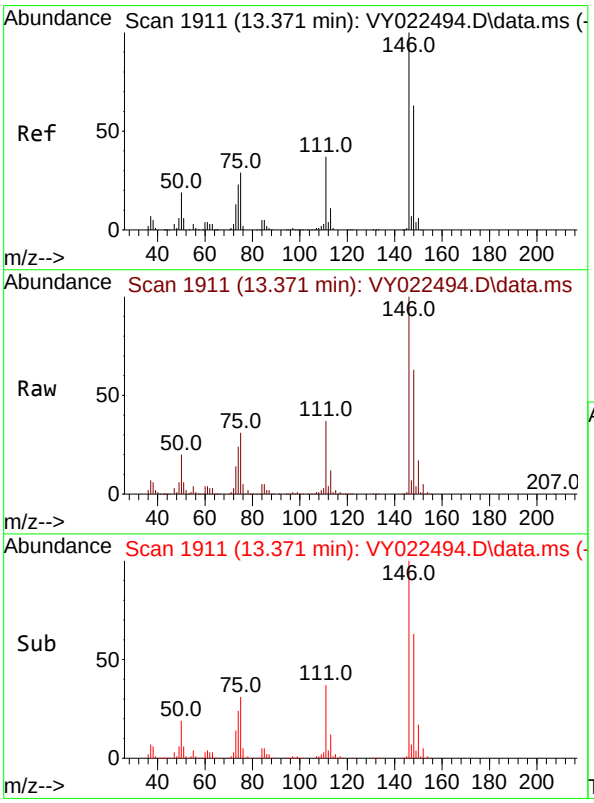
#87
1,3-Dichlorobenzene
Concen: 50.717 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 241816

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.2	32.1	96.3

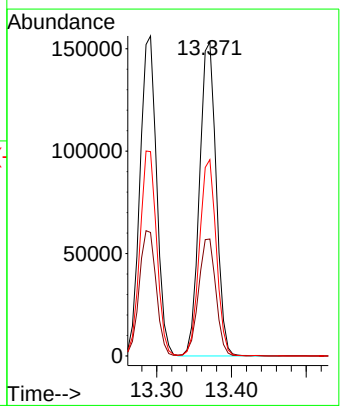


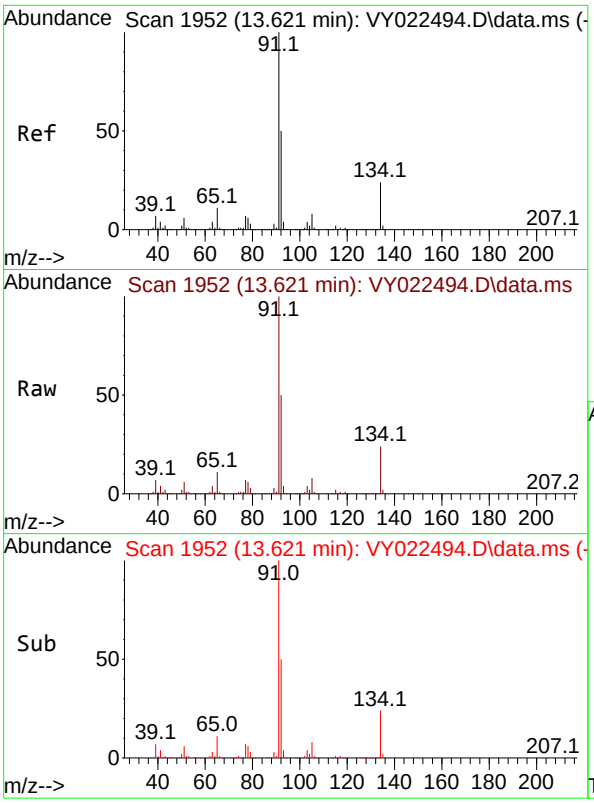


#88
1,4-Dichlorobenzene
Concen: 51.108 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.2	31.6	94.8



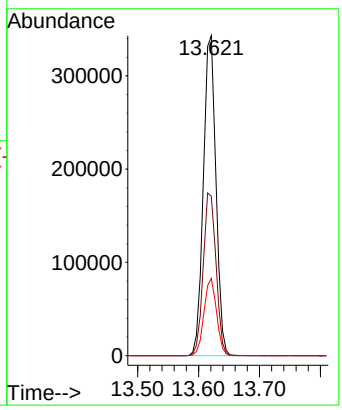


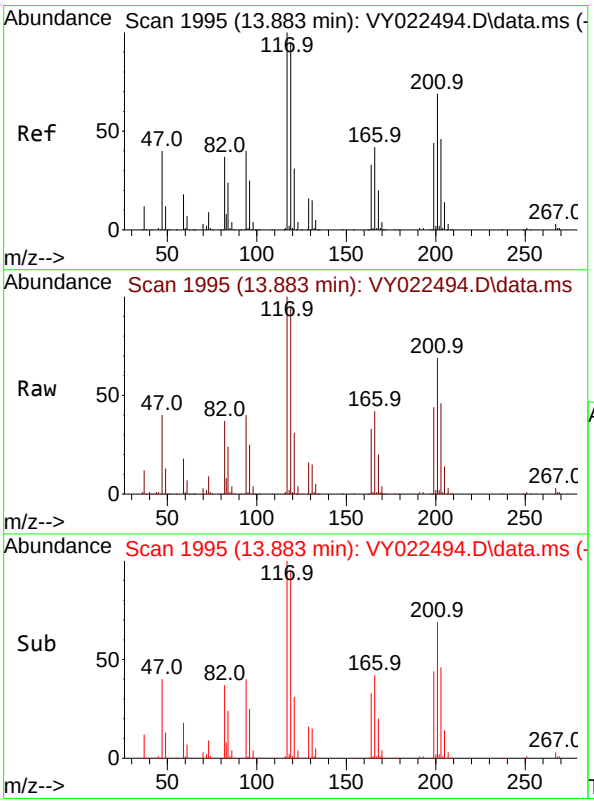
#89
n-Butylbenzene
Concen: 51.811 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 493153

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1

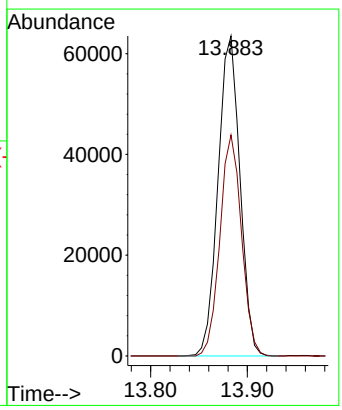


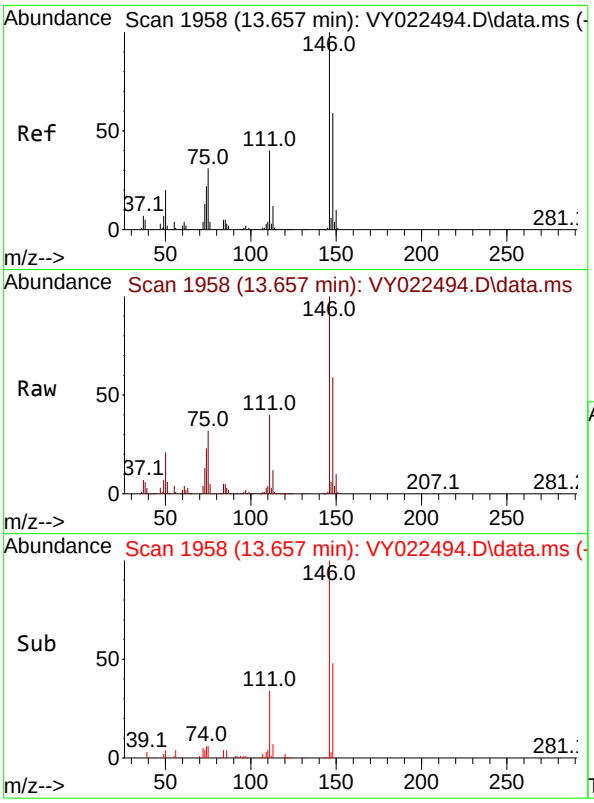


#90
Hexachloroethane
Concen: 51.068 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:117 Resp: 99901

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0



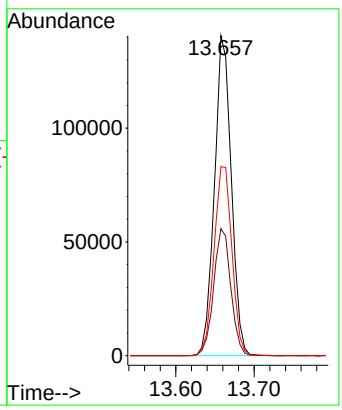


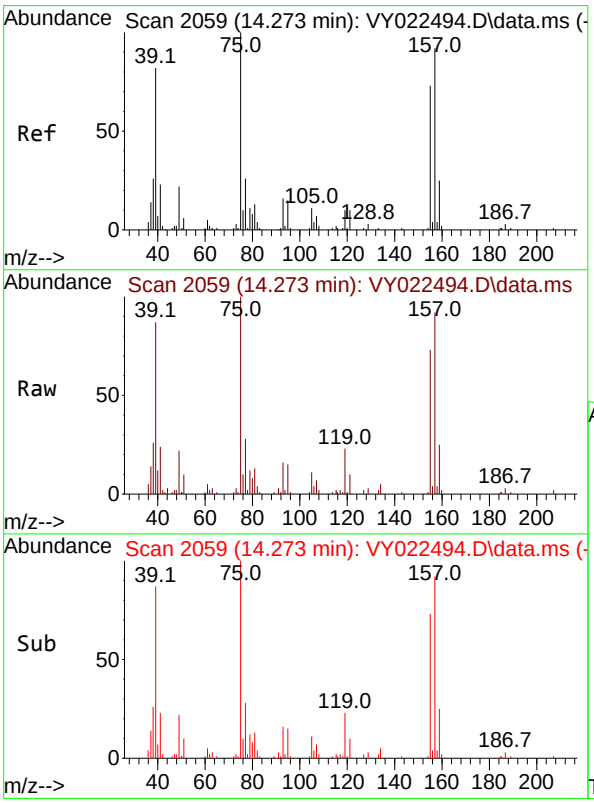
#91
1,2-Dichlorobenzene
Concen: 51.528 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 211065

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.7	31.4	94.0

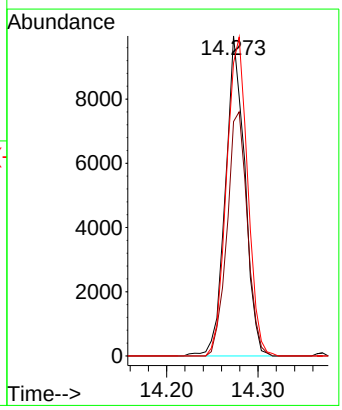


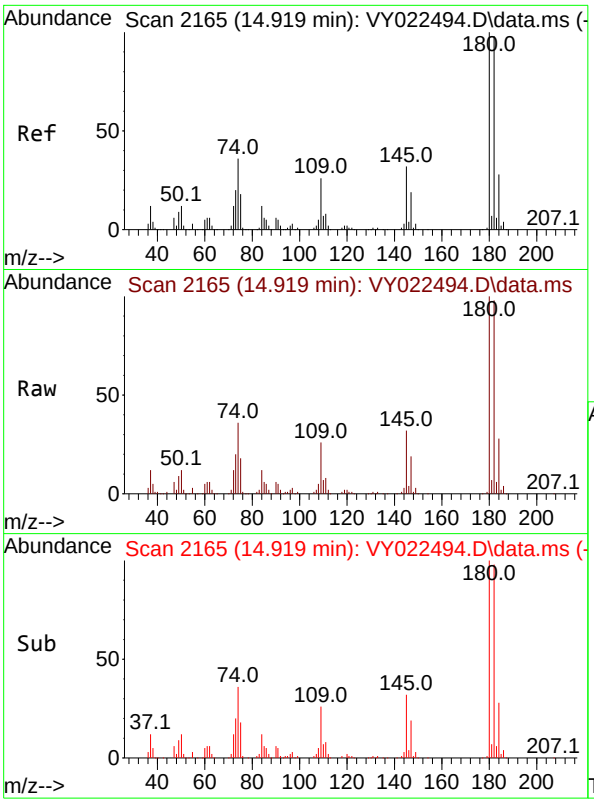


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.244 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 14697

Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	108.0	54.0	162.0



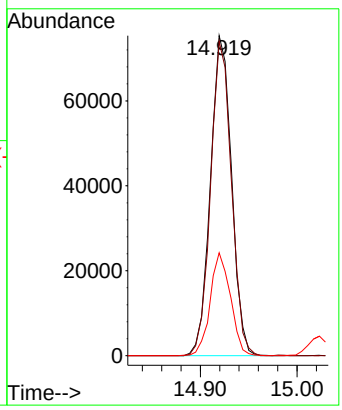


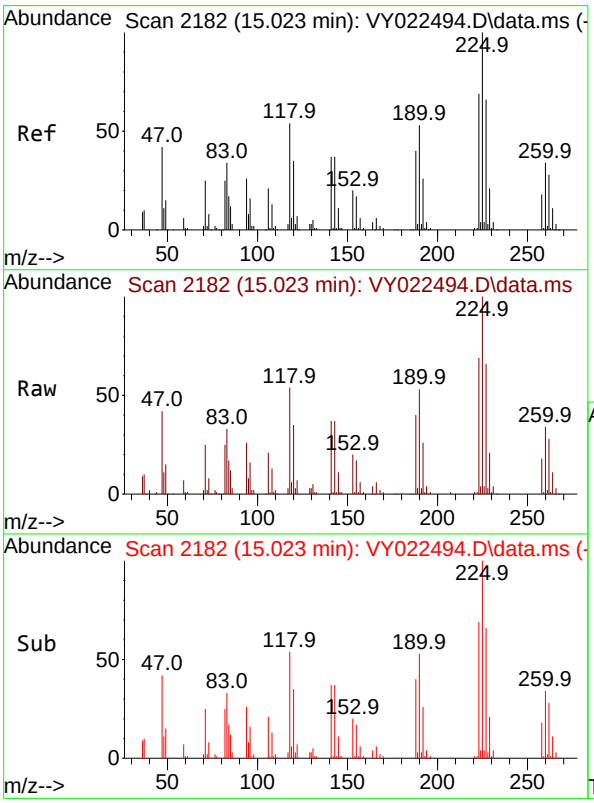
#93
1,2,4-Trichlorobenzene
Concen: 50.919 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 114007

Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	31.0	15.5	46.5

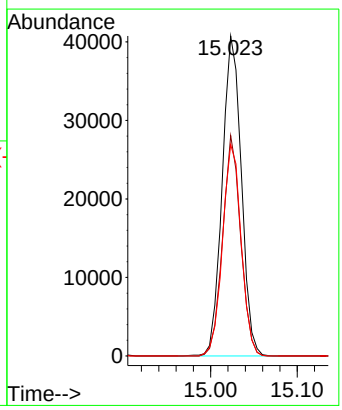


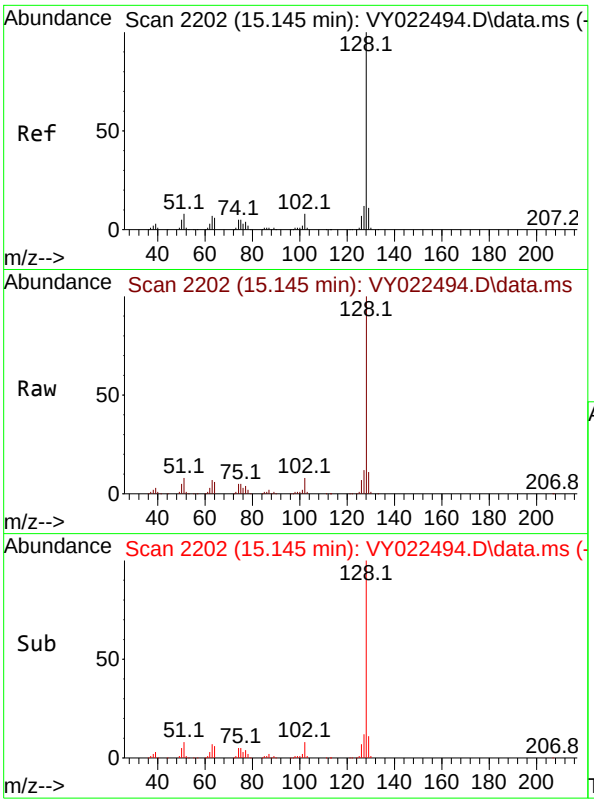


#94
Hexachlorobutadiene
Concen: 51.054 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:225 Resp: 62434

Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.4
227	64.6	32.3	96.9



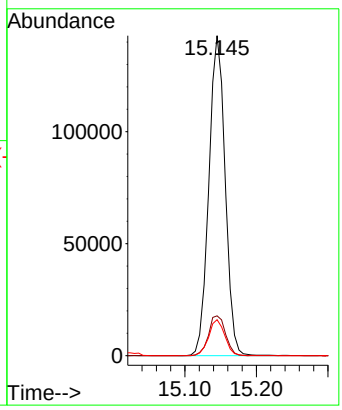


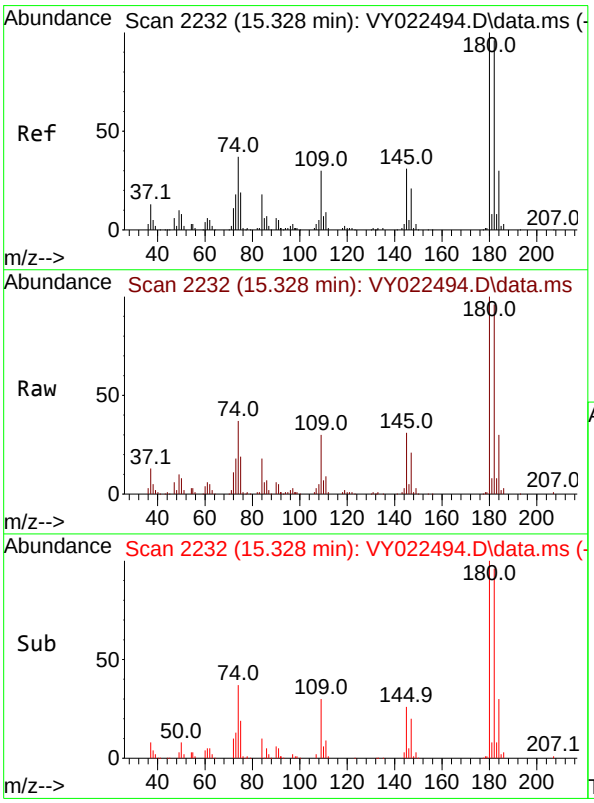
#95
Naphthalene
Concen: 52.686 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 226073

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

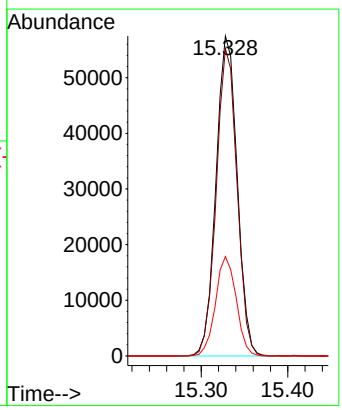




#96
1,2,3-Trichlorobenzene
Concen: 51.295 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	30.4	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	220566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	362519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	243724	101.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 203.100%#			
35) Dibromofluoromethane	7.634	113	222443	104.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.460%#			
50) Toluene-d8	10.109	98	908424	105.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 210.640%#			
62) 4-Bromofluorobenzene	12.407	95	270310	103.359	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	175145	90.872	ug/l	97
3) Chloromethane	2.068	50	519859	91.429	ug/l	99
4) Vinyl Chloride	2.202	62	636843	95.695	ug/l	100
5) Bromomethane	2.592	94	591589	93.980	ug/l	99
6) Chloroethane	2.732	64	414935	91.070	ug/l	96
7) Trichlorofluoromethane	3.049	101	539323	95.384	ug/l	97
8) Diethyl Ether	3.458	74	122923	98.428	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.817	101	230240	97.074	ug/l	99
10) Methyl Iodide	4.006	142	278576	109.525	ug/l	99
11) Tert butyl alcohol	4.878	59	83900	489.395	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	224855	99.317	ug/l	97
13) Acrolein	3.653	56	109392	522.746	ug/l	100
14) Allyl chloride	4.390	41	354774	100.560	ug/l	98
15) Acrylonitrile	5.067	53	269411	507.168	ug/l	100
16) Acetone	3.872	43	231202	487.310	ug/l	100
17) Carbon Disulfide	4.110	76	722508	99.952	ug/l	99
18) Methyl Acetate	4.390	43	132608	92.907	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	632873	100.187	ug/l	99
20) Methylene Chloride	4.622	84	241903	91.318	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	253184	100.103	ug/l	95
22) Diisopropyl ether	6.024	45	794164	101.232	ug/l	98
23) Vinyl Acetate	5.963	43	2424134	520.866	ug/l	99
24) 1,1-Dichloroethane	5.915	63	463641	99.980	ug/l	99
25) 2-Butanone	6.896	43	358881	512.798	ug/l	99
26) 2,2-Dichloropropane	6.890	77	420323	101.961	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	294837	100.858	ug/l	98
28) Bromochloromethane	7.250	49	206906	103.263	ug/l	100
29) Tetrahydrofuran	7.268	42	226299	501.243	ug/l	99
30) Chloroform	7.426	83	459957	100.373	ug/l	96
31) Cyclohexane	7.707	56	428074	91.723	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	419389	102.410	ug/l	99
36) 1,1-Dichloropropene	7.841	75	355563	103.070	ug/l	99
37) Ethyl Acetate	6.988	43	159922	105.336	ug/l	98
38) Carbon Tetrachloride	7.823	117	368617	103.651	ug/l	96
39) Methylcyclohexane	9.109	83	481512	103.323	ug/l	99
40) Benzene	8.085	78	1052881	103.542	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	72513	74.162	ug/l	#	79
42) 1,2-Dichloroethane	8.158	62	286305	103.504	ug/l		98
43) Isopropyl Acetate	8.201	43	344110	103.721	ug/l		98
44) Trichloroethene	8.865	130	253632	102.104	ug/l		100
45) 1,2-Dichloropropane	9.146	63	249363	102.865	ug/l		100
46) Dibromomethane	9.231	93	139349	102.605	ug/l		98
47) Bromodichloromethane	9.426	83	356025	103.321	ug/l		99
48) Methyl methacrylate	9.225	41	163867	107.875	ug/l		99
49) 1,4-Dioxane	9.237	88	31675	1955.012	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	884897	537.390	ug/l		98
52) Toluene	10.170	92	676554	105.821	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	339647	106.548	ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	394647	105.579	ug/l		100
55) 1,1,2-Trichloroethane	10.572	97	176386	103.130	ug/l		97
56) Ethyl methacrylate	10.438	69	270253	108.807	ug/l		99
57) 1,3-Dichloropropane	10.719	76	314882	103.374	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	631985	570.744	ug/l		99
59) 2-Hexanone	10.761	43	599356	546.025	ug/l		99
60) Dibromochloromethane	10.914	129	231582	106.862	ug/l		99
61) 1,2-Dibromoethane	11.017	107	162846	103.182	ug/l		97
64) Tetrachloroethene	10.645	164	260085	97.857	ug/l		98
65) Chlorobenzene	11.444	112	700365	103.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	241080	104.874	ug/l		99
67) Ethyl Benzene	11.517	91	1343424	106.379	ug/l		100
68) m/p-Xylenes	11.627	106	1027669	215.017	ug/l		99
69) o-Xylene	11.956	106	478106	106.884	ug/l		100
70) Styrene	11.968	104	807331	109.011	ug/l		99
71) Bromoform	12.133	173	129134	106.900	ug/l	#	98
73) Isopropylbenzene	12.255	105	1251781	103.429	ug/l		100
74) N-amyl acetate	12.072	43	331256	108.232	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	201554	102.543	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	285086	143.759	ug/l	#	100
77) Bromobenzene	12.535	156	260522	101.560	ug/l		99
78) n-propylbenzene	12.596	91	1517453	103.002	ug/l		99
79) 2-Chlorotoluene	12.682	91	801096	102.984	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	983812	103.959	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	72518	104.845	ug/l		97
82) 4-Chlorotoluene	12.779	91	836500	103.758	ug/l		99
83) tert-Butylbenzene	12.999	119	886942	102.740	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	992770	104.854	ug/l		100
85) sec-Butylbenzene	13.175	105	1348209	103.006	ug/l		100
86) p-Isopropyltoluene	13.291	119	1148821	106.760	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	543396	105.879	ug/l		99
88) 1,4-Dichlorobenzene	13.364	146	503842	100.757	ug/l		98
89) n-Butylbenzene	13.621	91	1062595	103.713	ug/l		99
90) Hexachloroethane	13.883	117	213148	101.224	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	447574	101.511	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	29357	98.805	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	255752	106.117	ug/l		97
94) Hexachlorobutadiene	15.023	225	132452	100.622	ug/l		99
95) Naphthalene	15.145	128	499554	108.155	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	213300	104.136	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

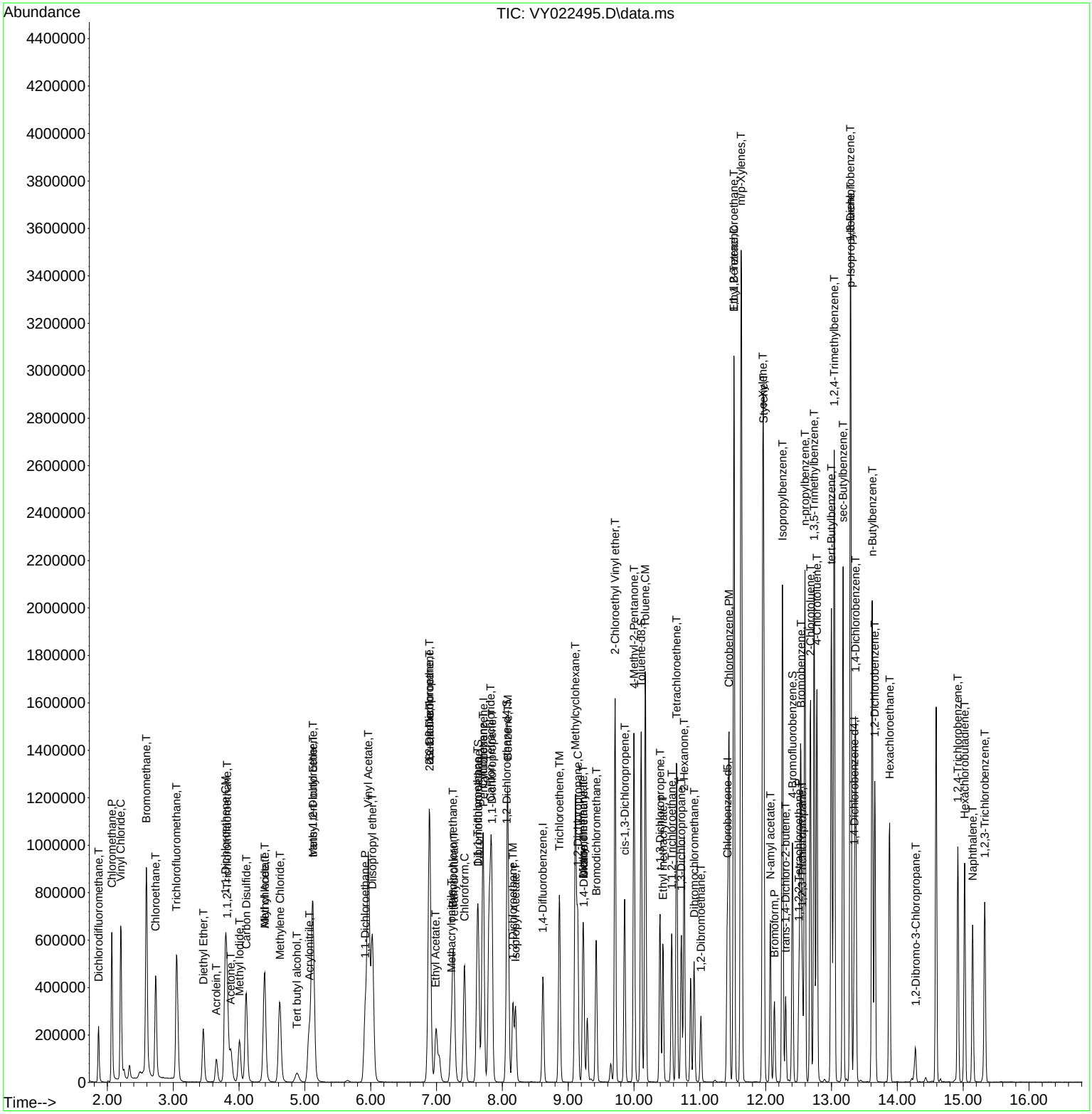
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

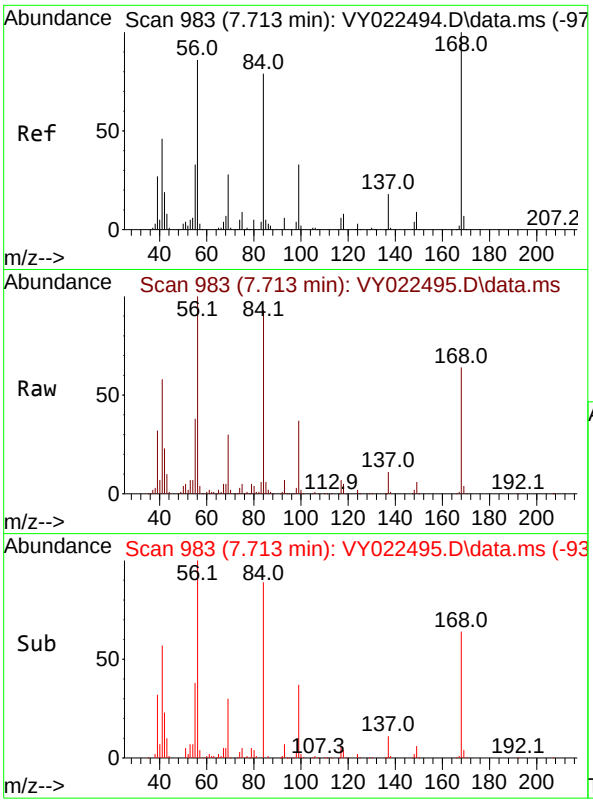
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022495.D
Acq On : 02 Jun 2025 13:17
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Jun 03 02:56:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



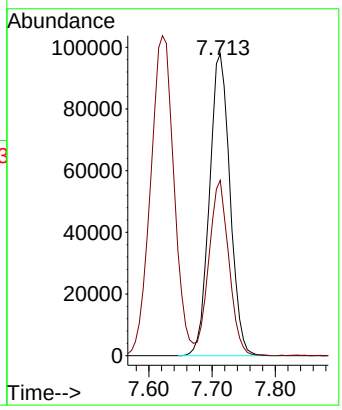


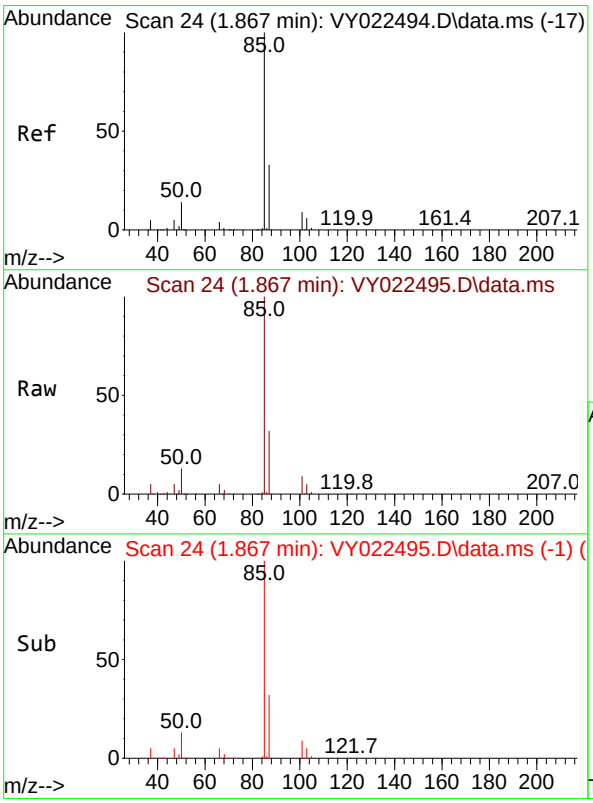
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 220566

Ion	Ratio	Lower	Upper
168	100		
99	58.1	44.3	66.5

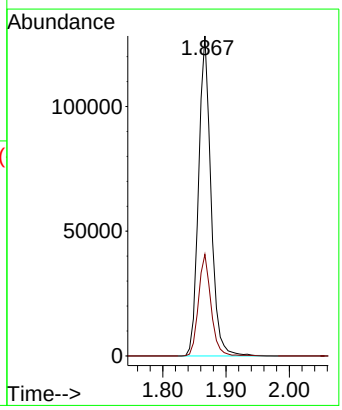


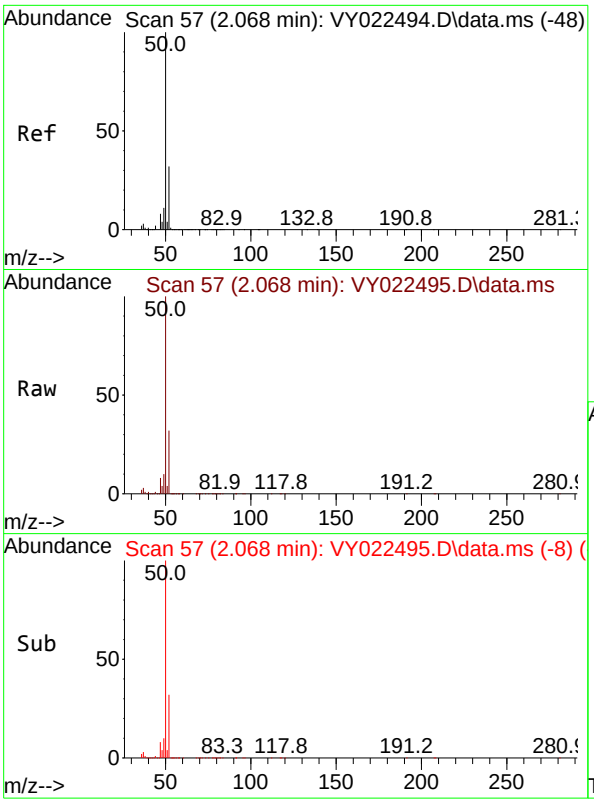


#2
Dichlorodifluoromethane
Concen: 90.872 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 85 Resp: 175145

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.7	50.0



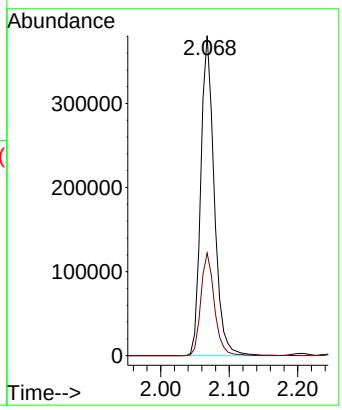


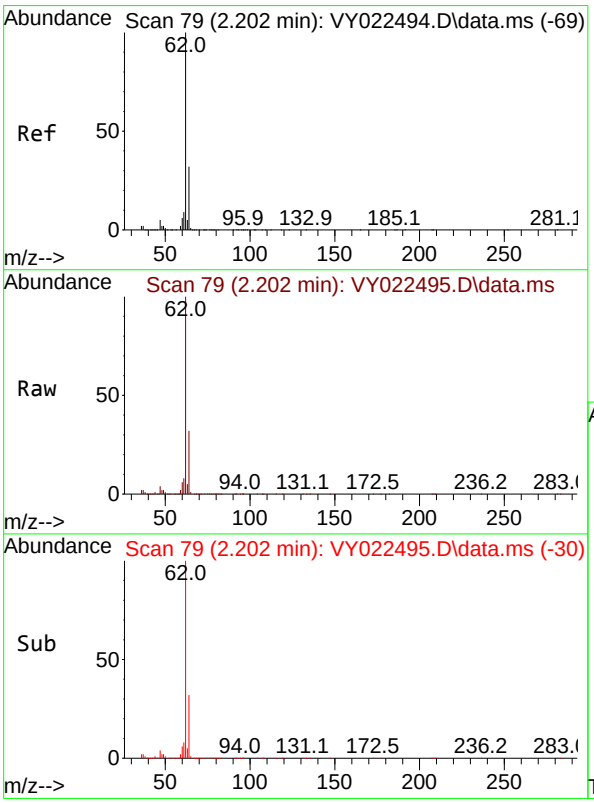
#3
Chloromethane
Concen: 91.429 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 519859

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0

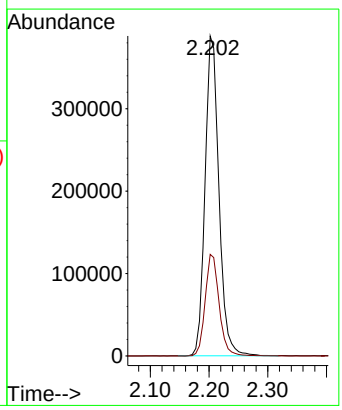


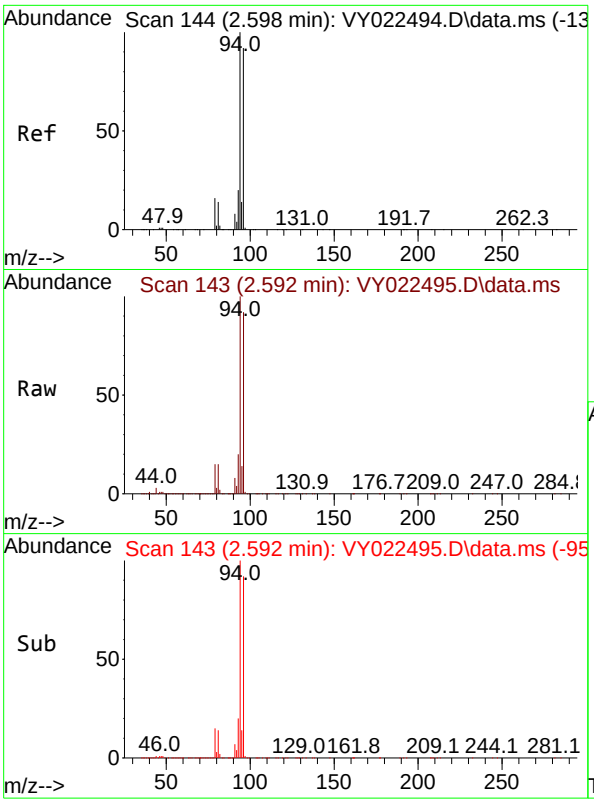


#4
Vinyl Chloride
Concen: 95.695 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 636843

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.3	37.9



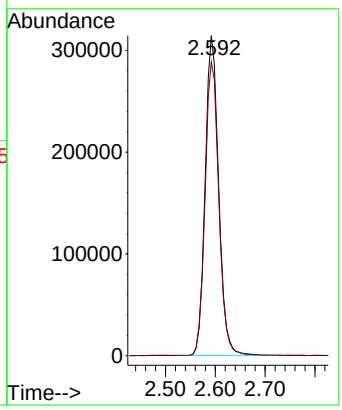


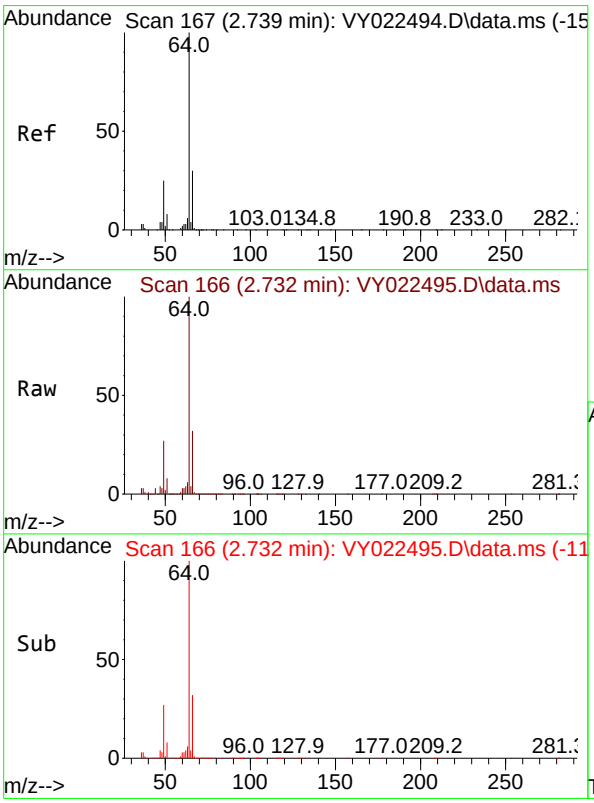
#5
Bromomethane
Concen: 93.980 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 591589

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

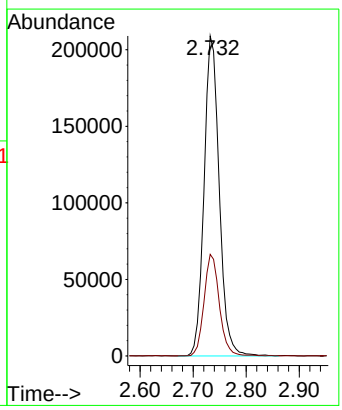


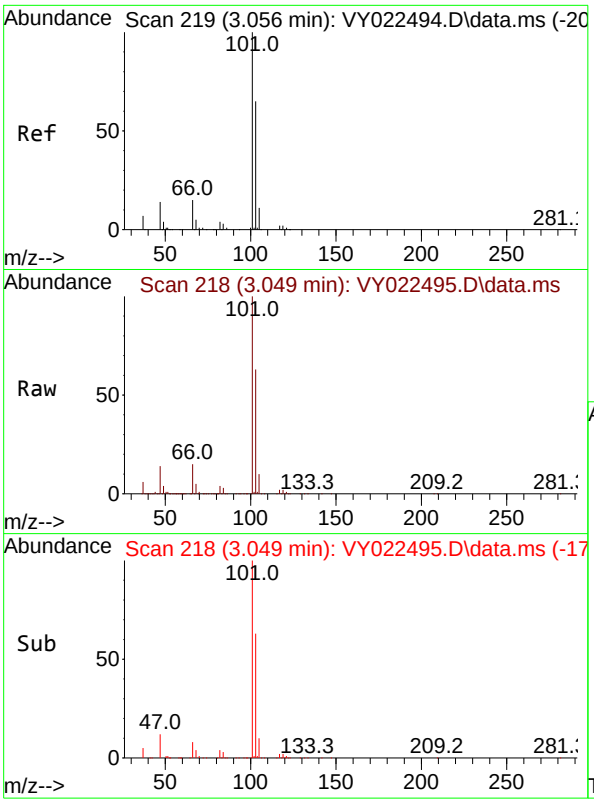


#6
Chloroethane
Concen: 91.070 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 64 Resp: 414935

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6



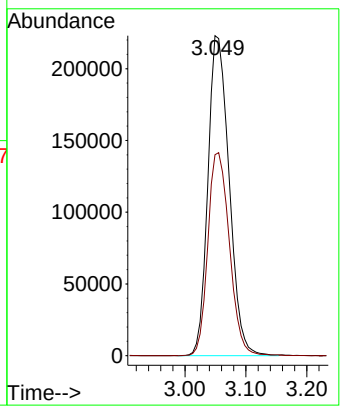


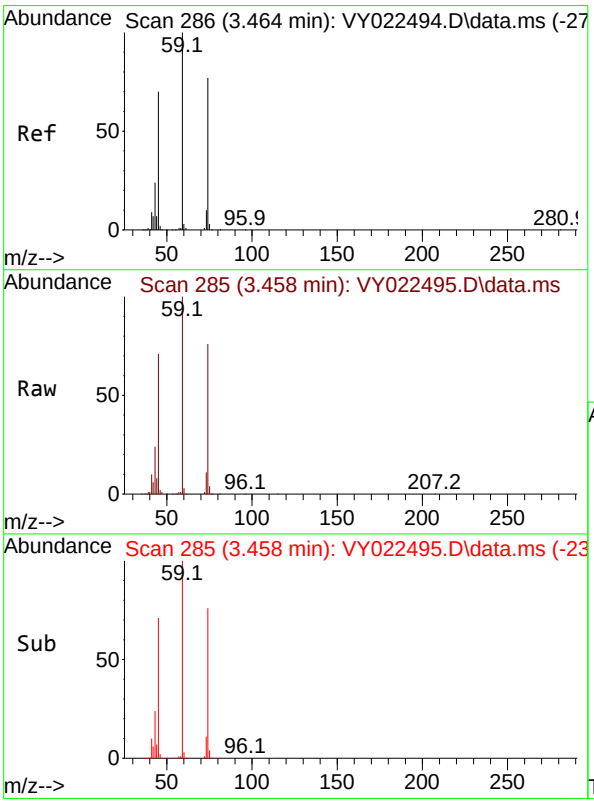
#7
Trichlorofluoromethane
Concen: 95.384 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 539323

Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.2	78.2

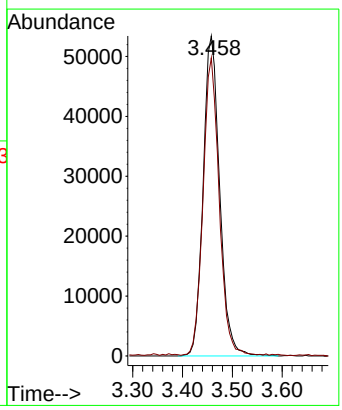


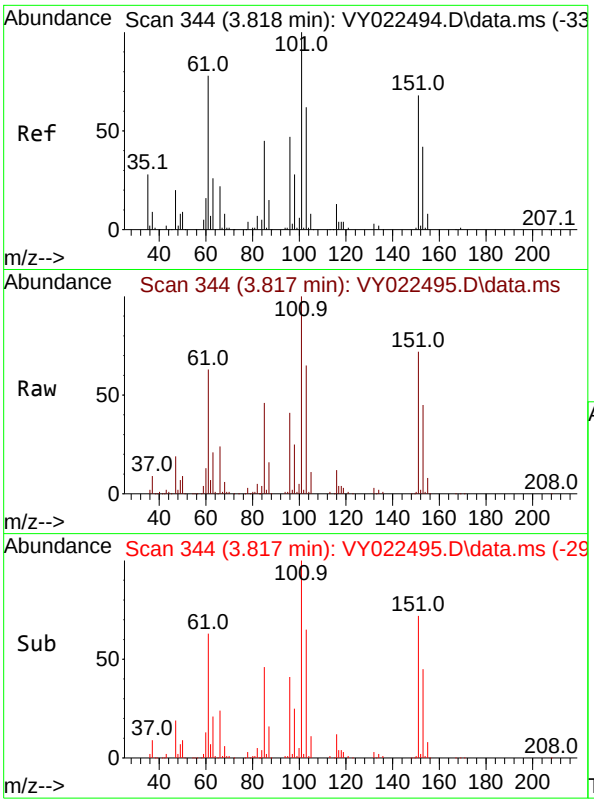


#8
Diethyl Ether
Concen: 98.428 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 74 Resp: 122923

Ion	Ratio	Lower	Upper
74	100		
45	90.6	45.9	137.6



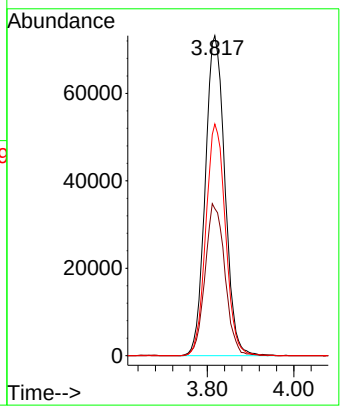


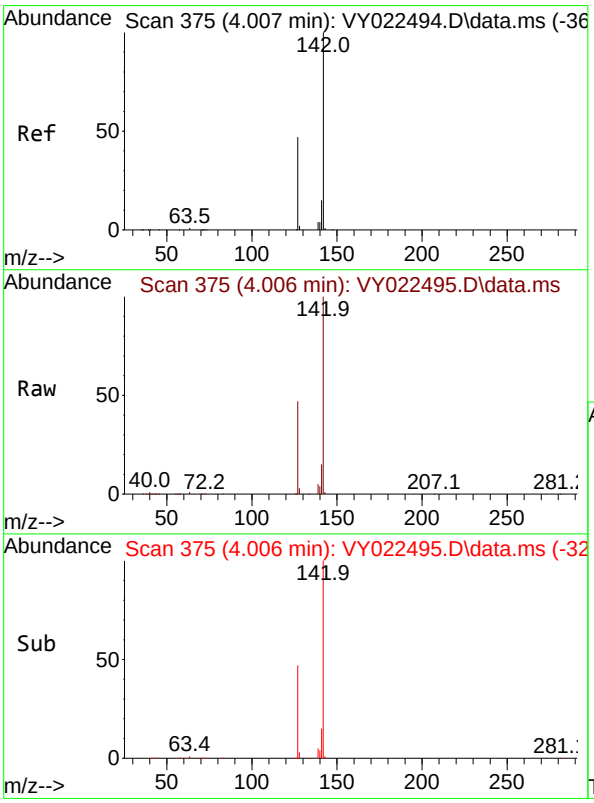
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.074 ug/l
RT: 3.817 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 230240

Ion	Ratio	Lower	Upper
101	100		
85	48.1	39.3	58.9
151	72.4	57.8	86.8

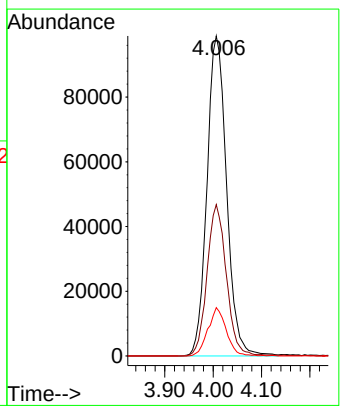


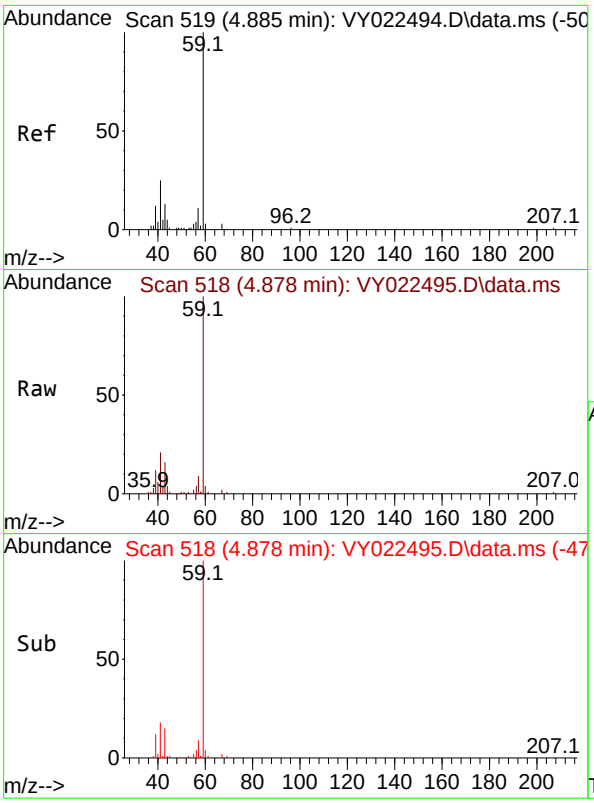


#10
Methyl Iodide
Concen: 109.525 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:142 Resp: 278576

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.1	55.7
141	14.2	11.4	17.2



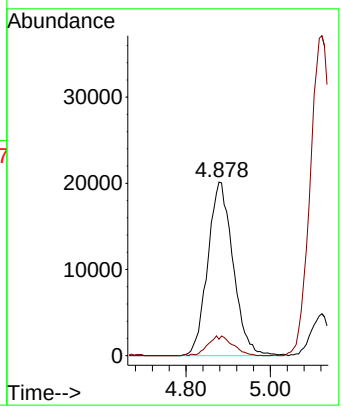


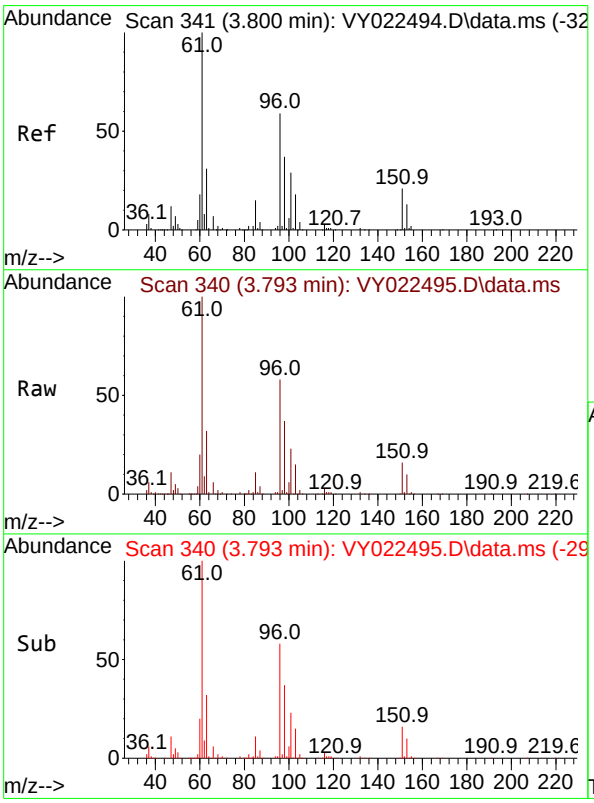
#11
Tert butyl alcohol
Concen: 489.395 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 83900

Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.0	12.0#

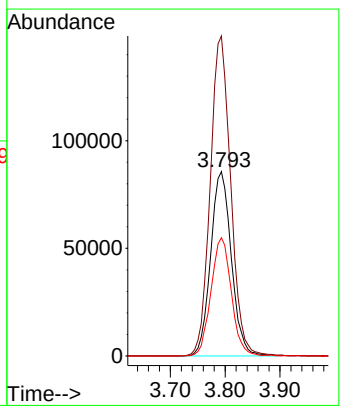


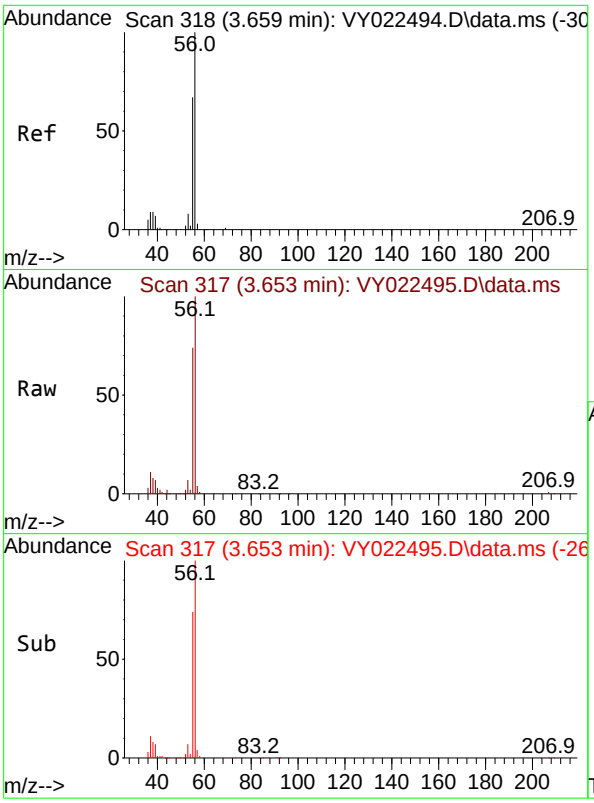


#12
1,1-Dichloroethene
Concen: 99.317 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 96 Resp: 224855

Ion	Ratio	Lower	Upper
96	100		
61	173.6	134.6	201.8
98	64.1	50.2	75.4



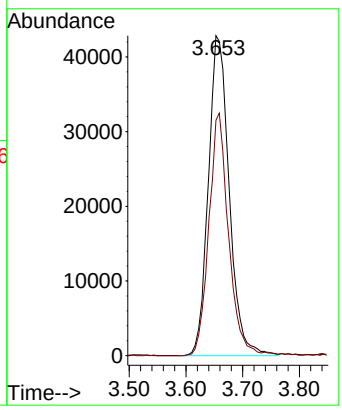


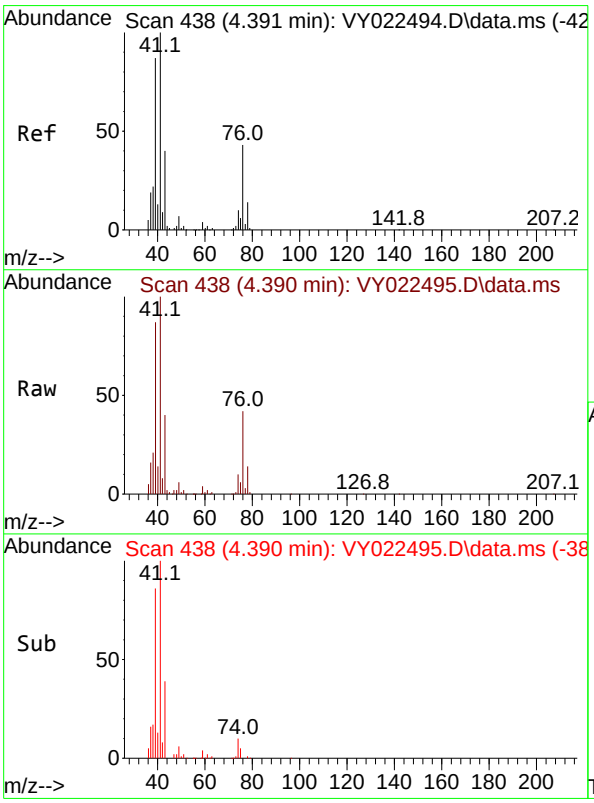
#13
Acrolein
Concen: 522.746 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 109392

Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.0	85.6

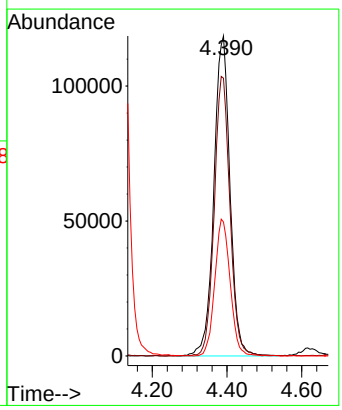


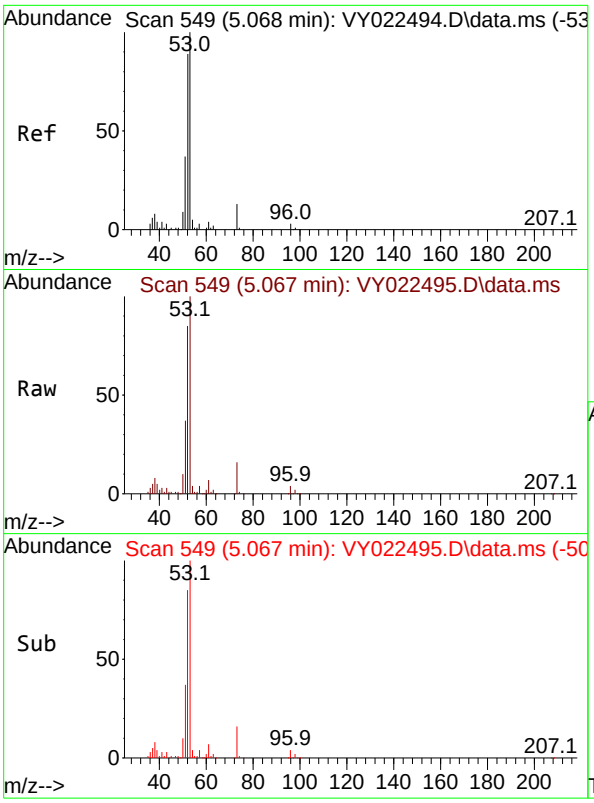


#14
Allyl chloride
Concen: 100.560 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 354774

Ion	Ratio	Lower	Upper
41	100		
39	85.0	69.1	103.7
76	40.8	33.5	50.3



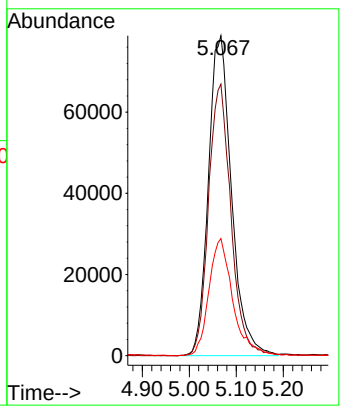


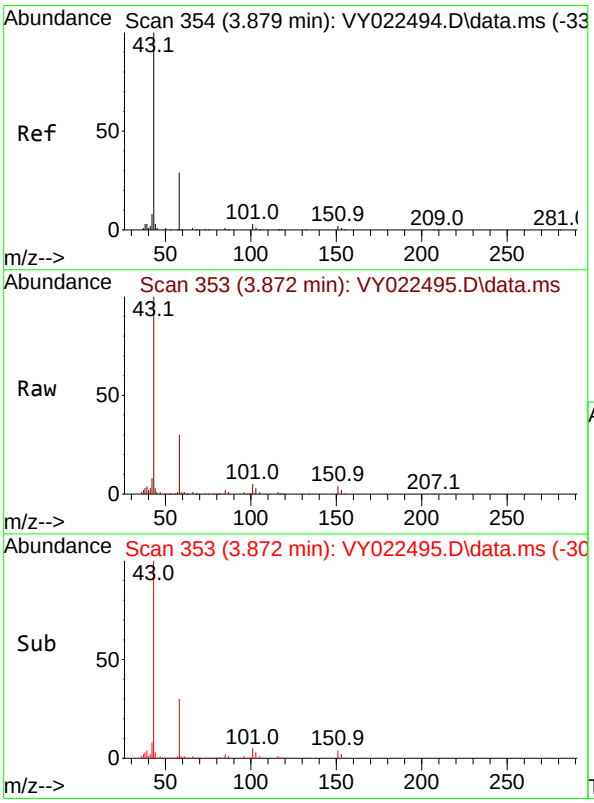
#15
Acrylonitrile
Concen: 507.168 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 269411

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	37.8	30.1	45.1

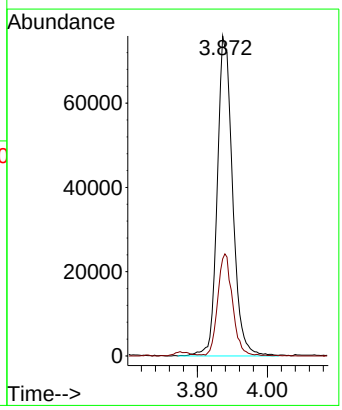


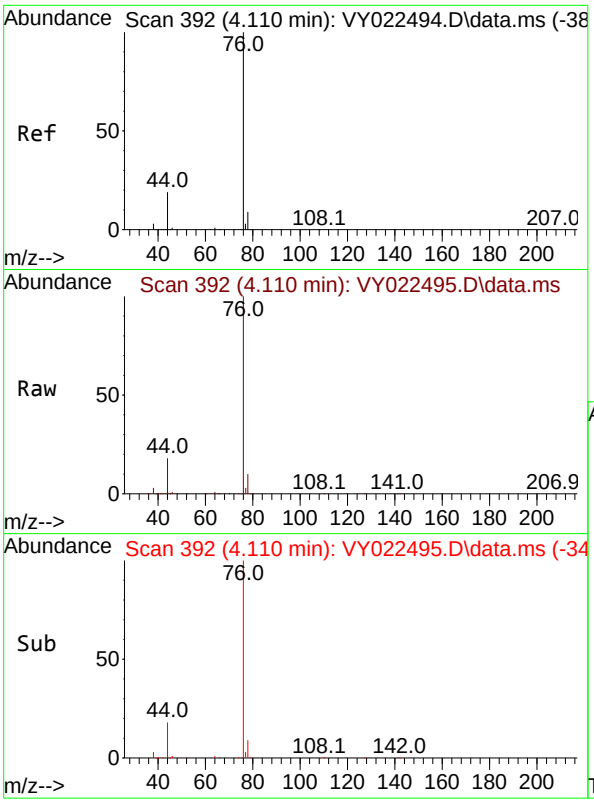


#16
Acetone
Concen: 487.310 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 231202

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0



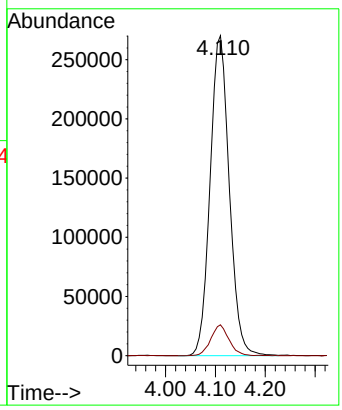


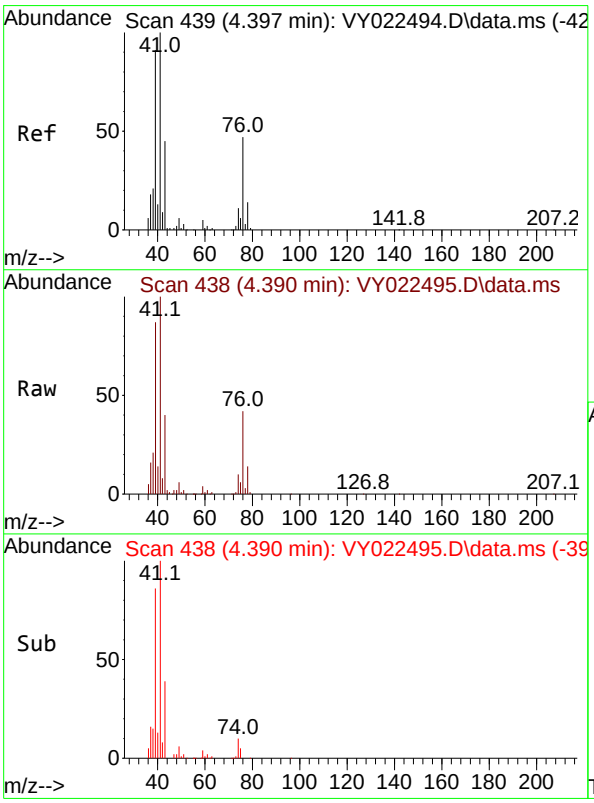
#17
Carbon Disulfide
Concen: 99.952 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 722508

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

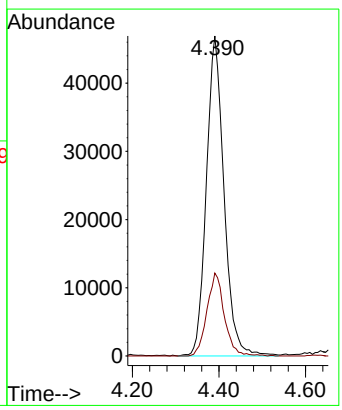


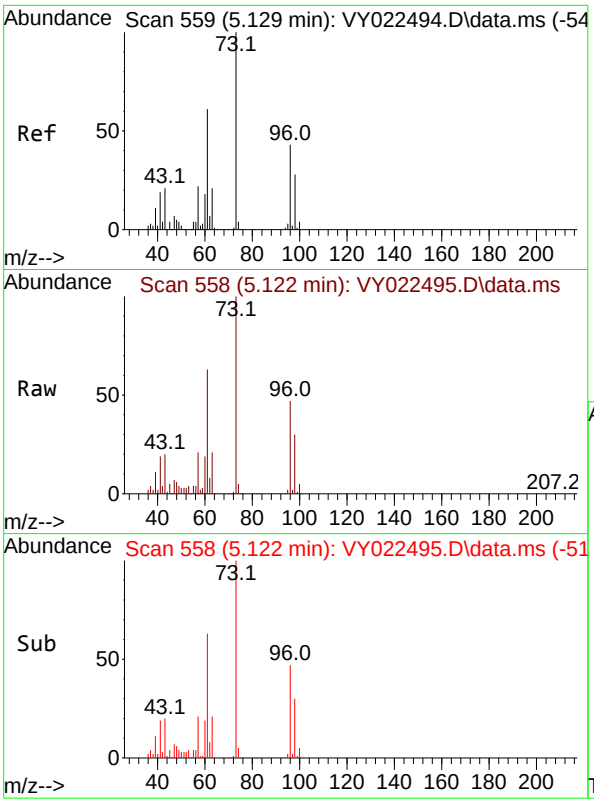


#18
Methyl Acetate
Concen: 92.907 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 132608

Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.8	29.6



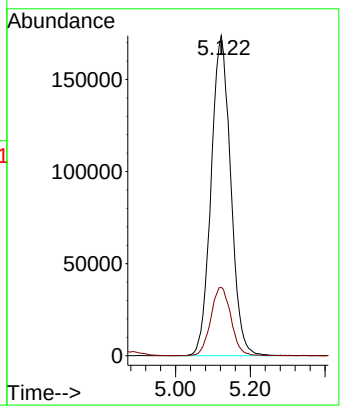


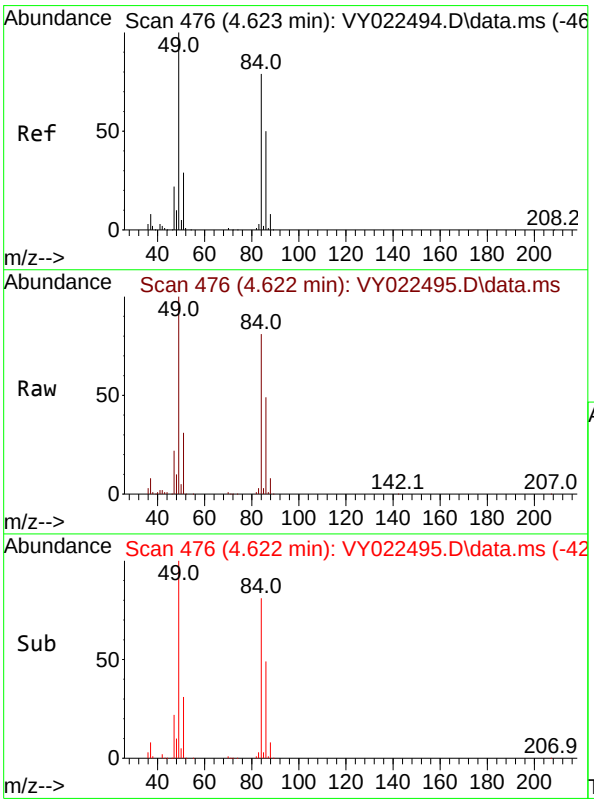
#19
Methyl tert-butyl Ether
Concen: 100.187 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 632873

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.4	26.0

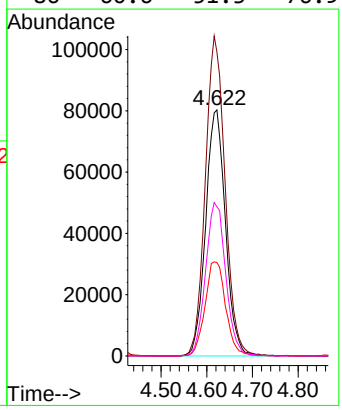


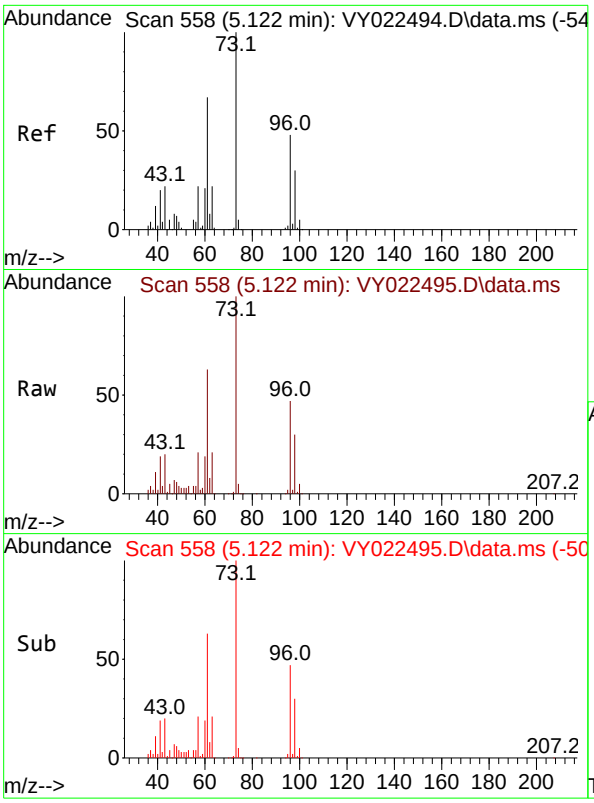


#20
Methylene Chloride
Concen: 91.318 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 84 Resp: 241903

Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.9	152.9
51	38.0	29.8	44.8
86	60.6	51.3	76.9



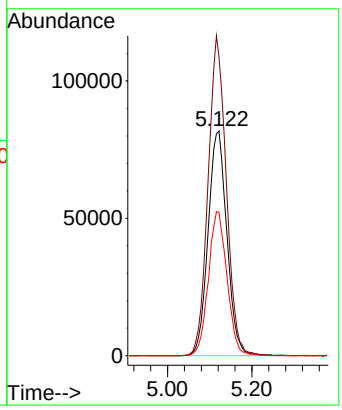


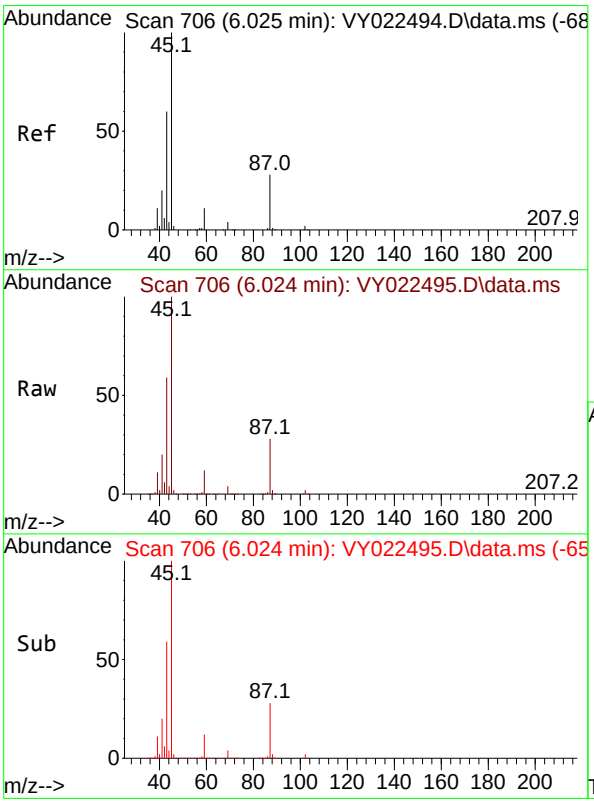
#21
trans-1,2-Dichloroethene
Concen: 100.103 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 253184

Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.6	169.0
98	63.7	50.6	75.8

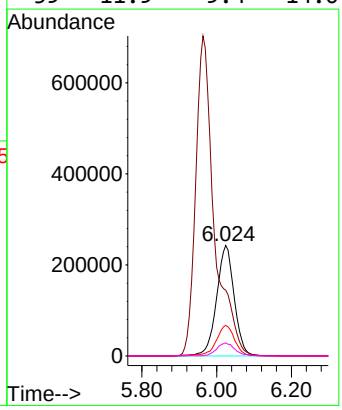


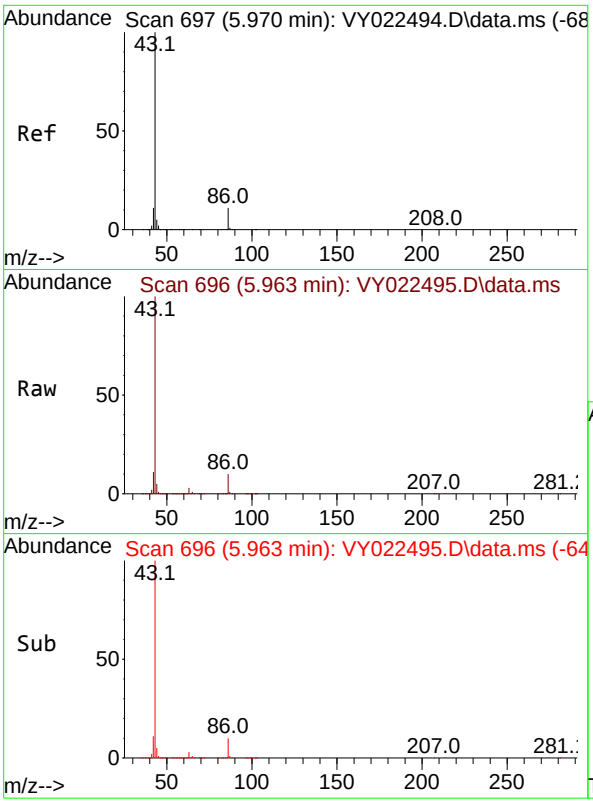


#22
Diisopropyl ether
Concen: 101.232 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 45 Resp: 794164

Ion	Ratio	Lower	Upper
45	100		
43	59.3	48.3	72.5
87	27.6	23.0	34.6
59	11.9	9.4	14.0



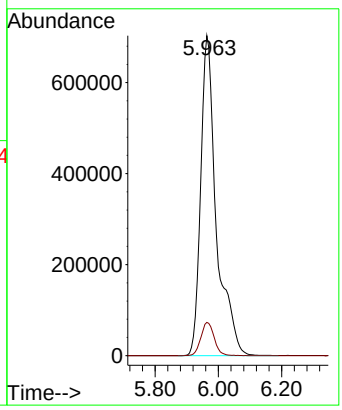


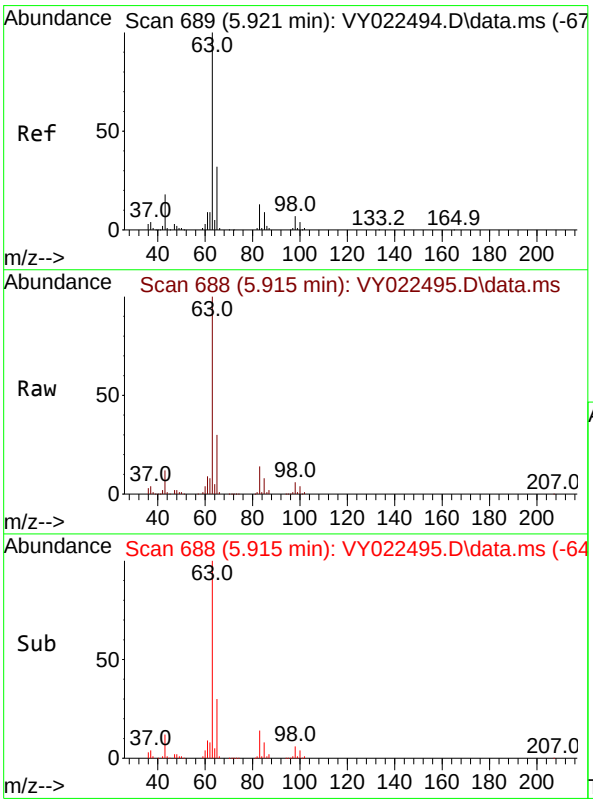
#23
Vinyl Acetate
Concen: 520.866 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2424134

Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8

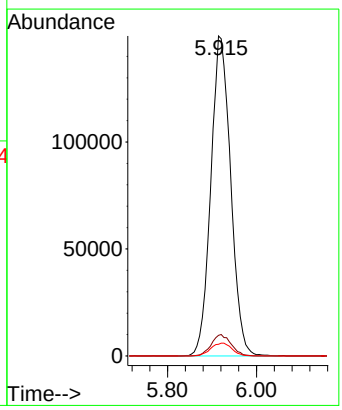


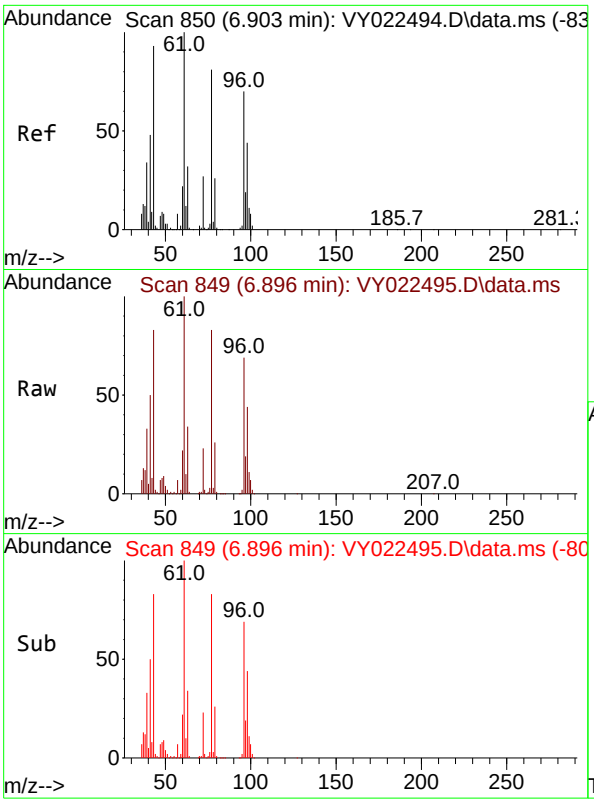


#24
1,1-Dichloroethane
Concen: 99.980 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 463641

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	3.7	2.1	6.3



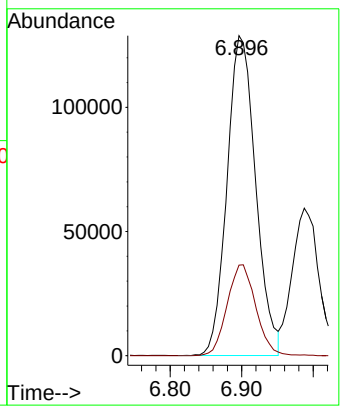


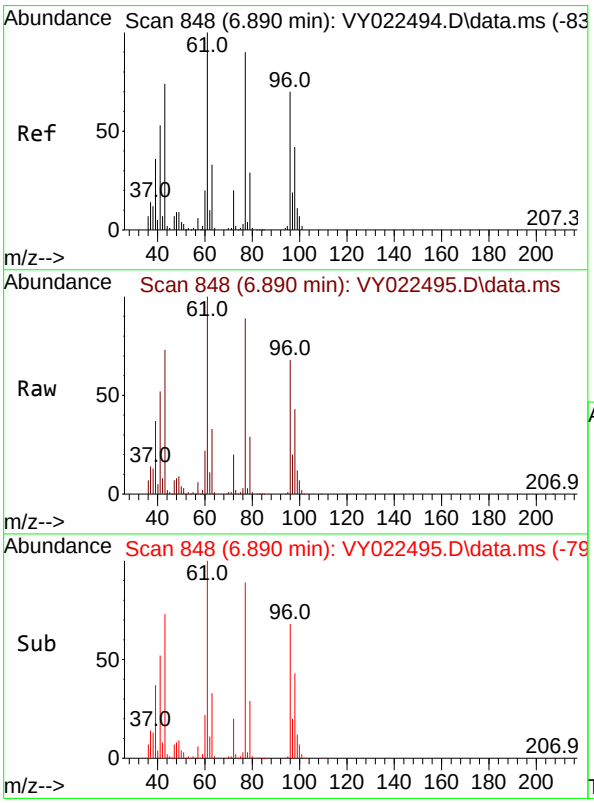
#25
2-Butanone
Concen: 512.798 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 358881

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.9	34.3

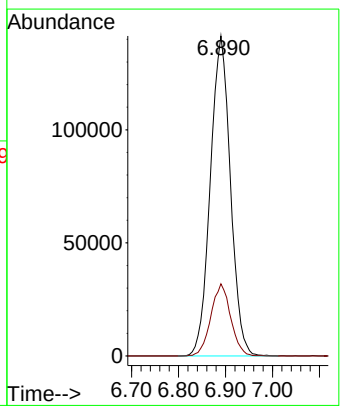


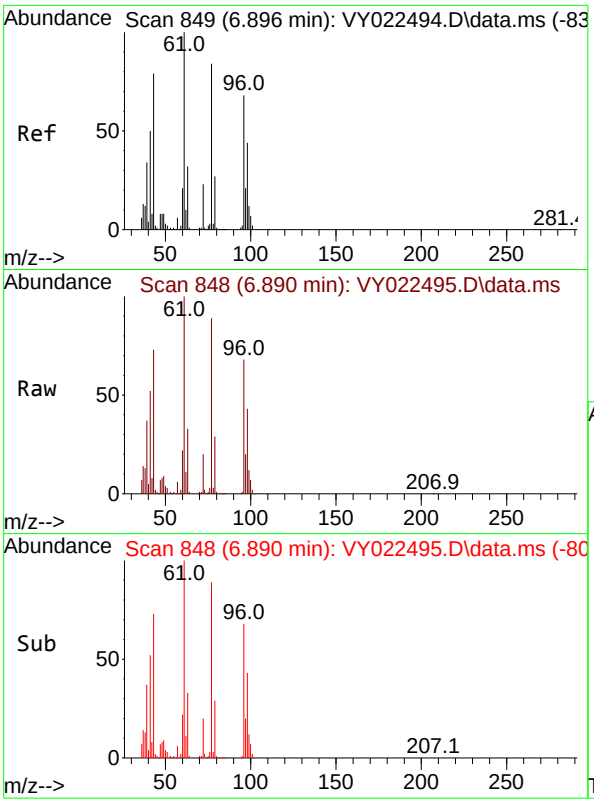


#26
2,2-Dichloropropane
Concen: 101.961 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 77 Resp: 420323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



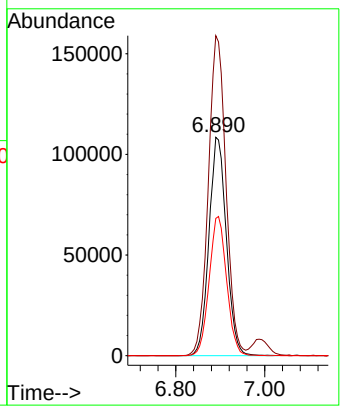


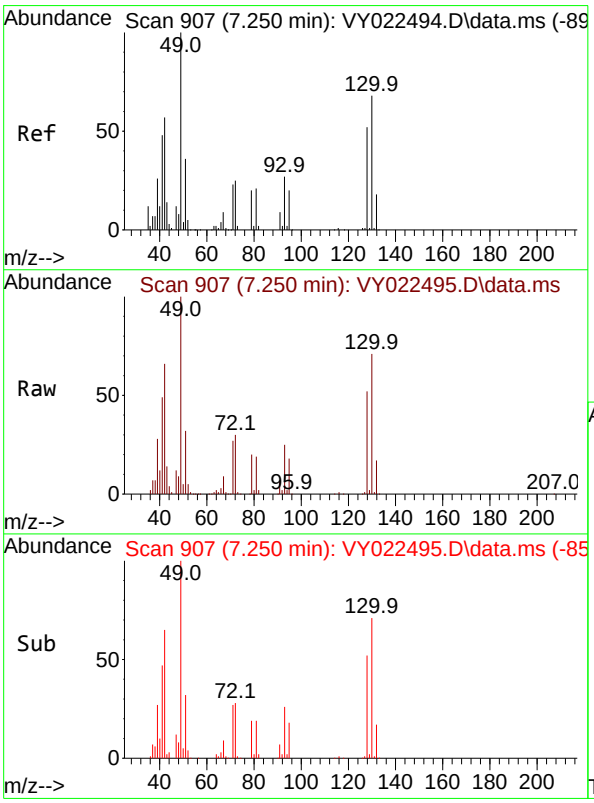
#27
cis-1,2-Dichloroethene
Concen: 100.858 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 294837

Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.0
98	64.1	0.0	128.4

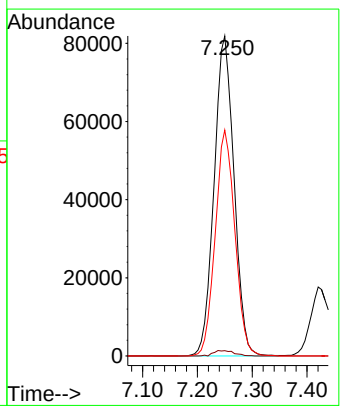


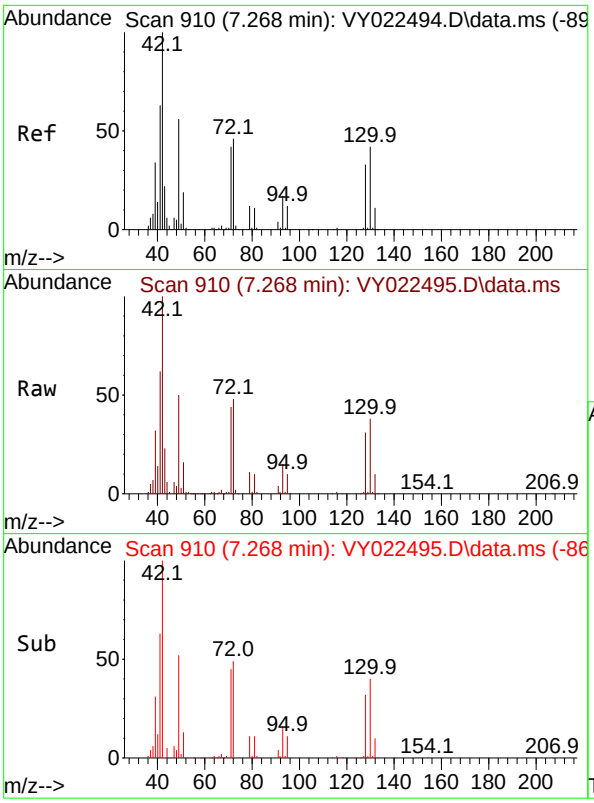


#28
Bromochloromethane
Concen: 103.263 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 49 Resp: 206906

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.7	55.7	83.5



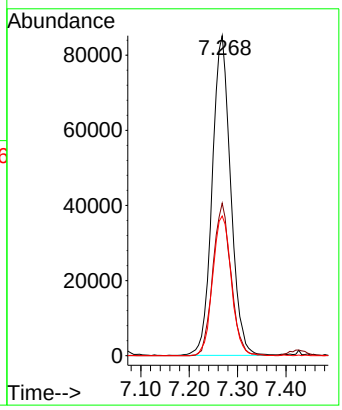


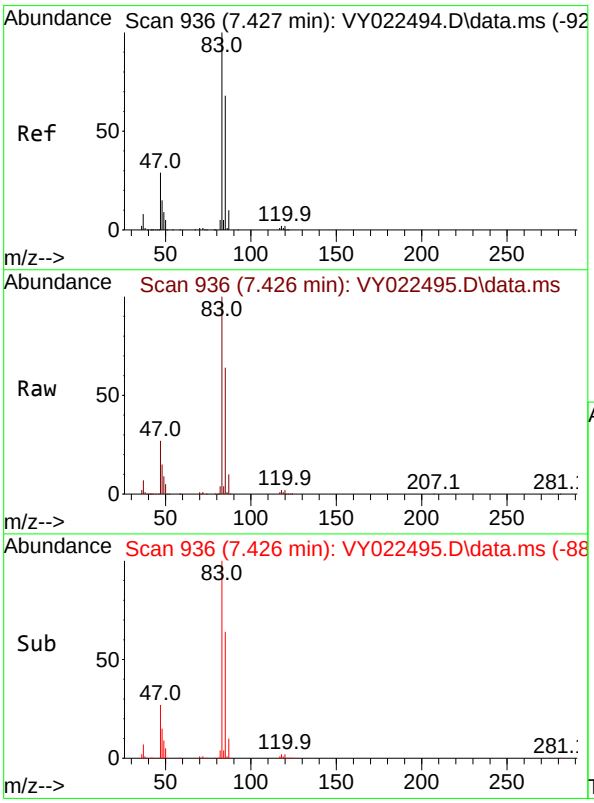
#29
Tetrahydrofuran
Concen: 501.243 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 226299

Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.4	56.2
71	44.1	34.2	51.2

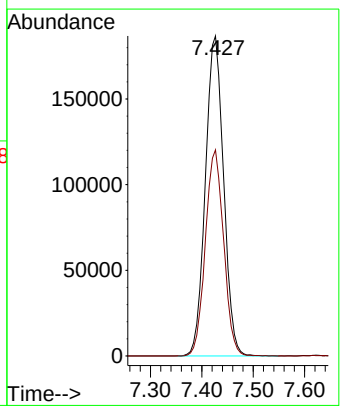


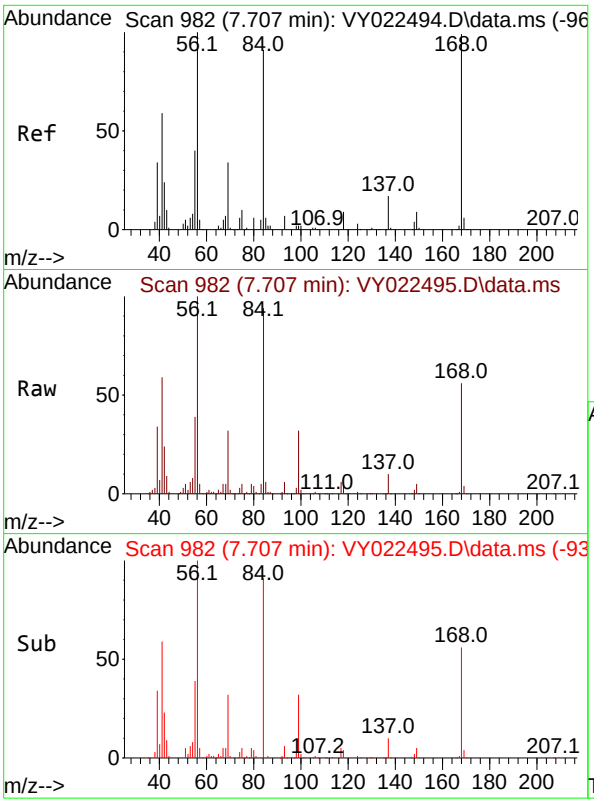


#30
Chloroform
Concen: 100.373 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 83 Resp: 459957

Ion	Ratio	Lower	Upper
83	100		
85	64.4	54.2	81.4



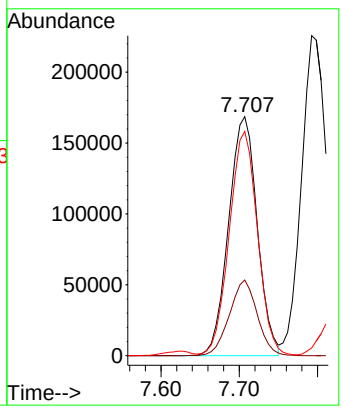


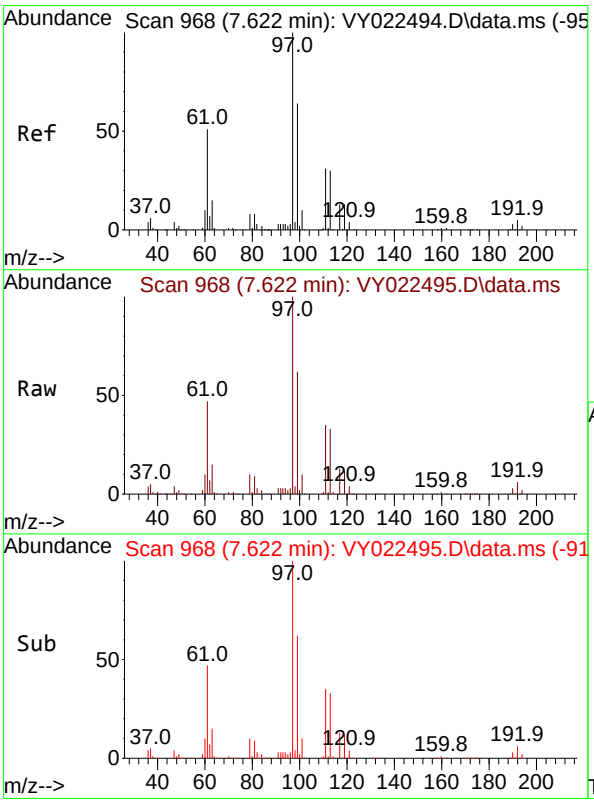
#31
Cyclohexane
Concen: 91.723 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 428074

Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.6
84	91.9	72.6	109.0

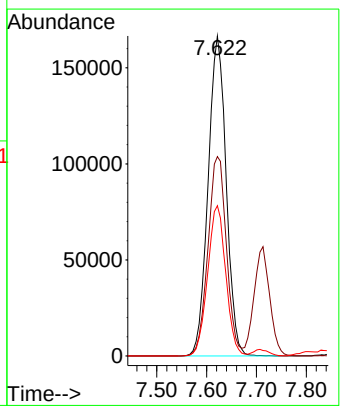


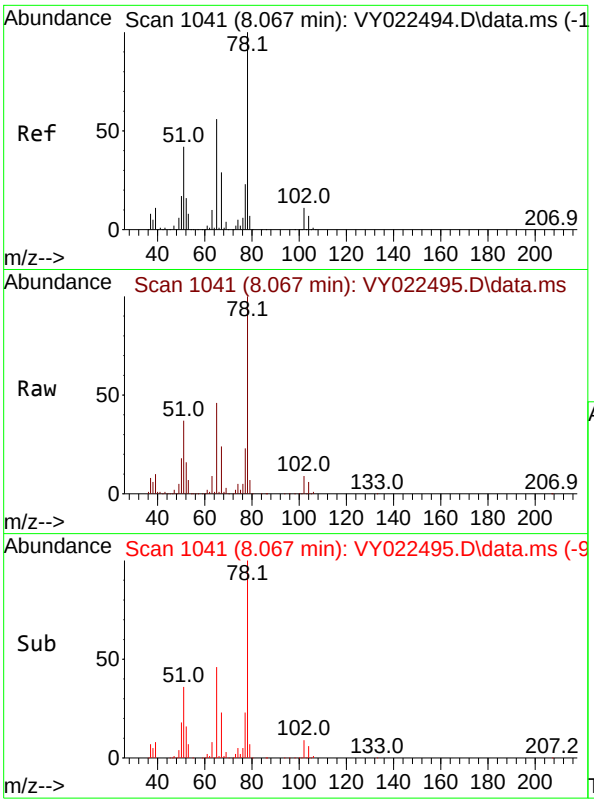


#32
1,1,1-Trichloroethane
Concen: 102.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 97 Resp: 419389

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	47.3	38.5	57.7



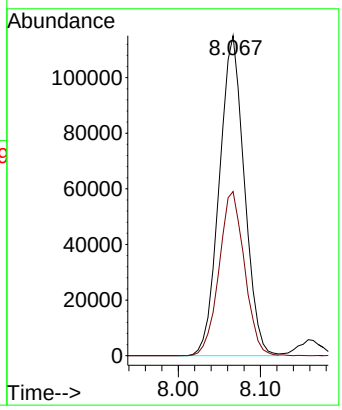


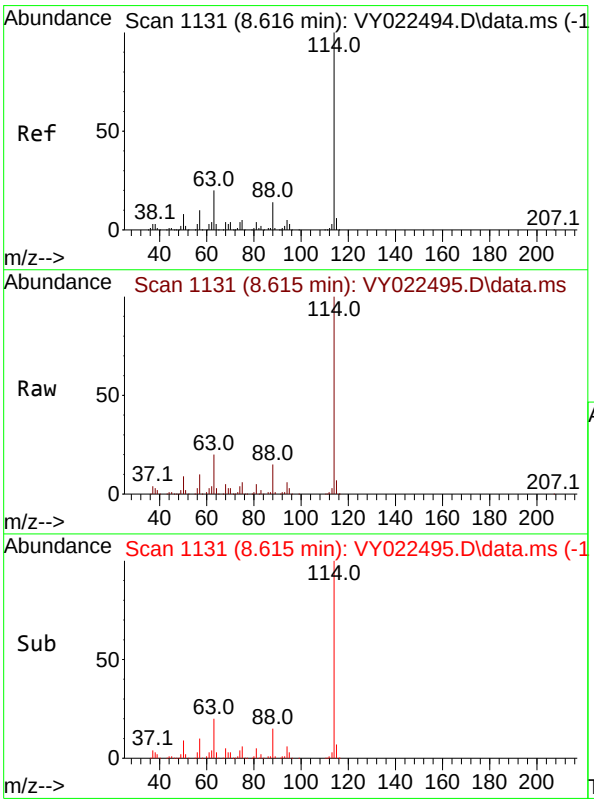
#33
1,2-Dichloroethane-d4
Concen: 101.553 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 243724

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

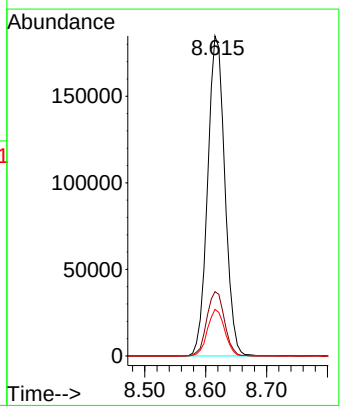


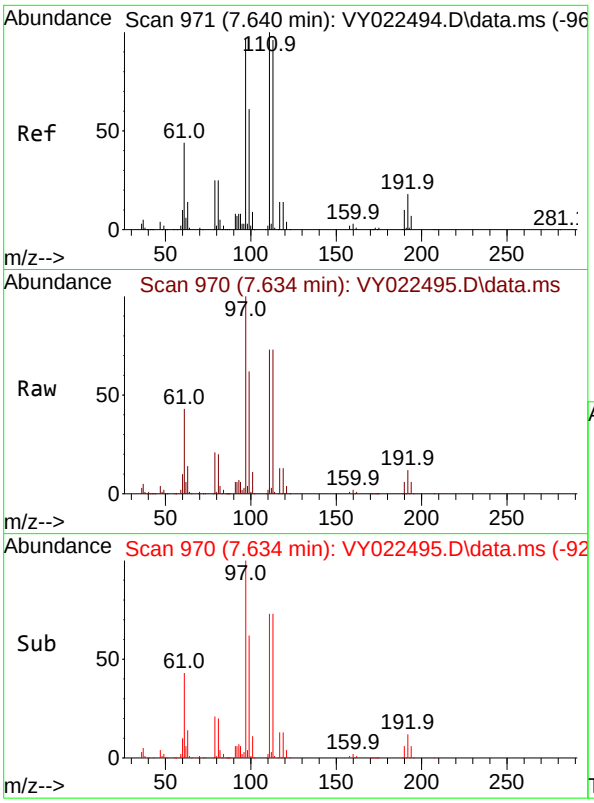


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:114 Resp: 362519

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.5	0.0	27.8



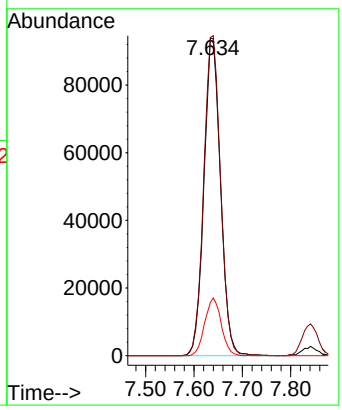


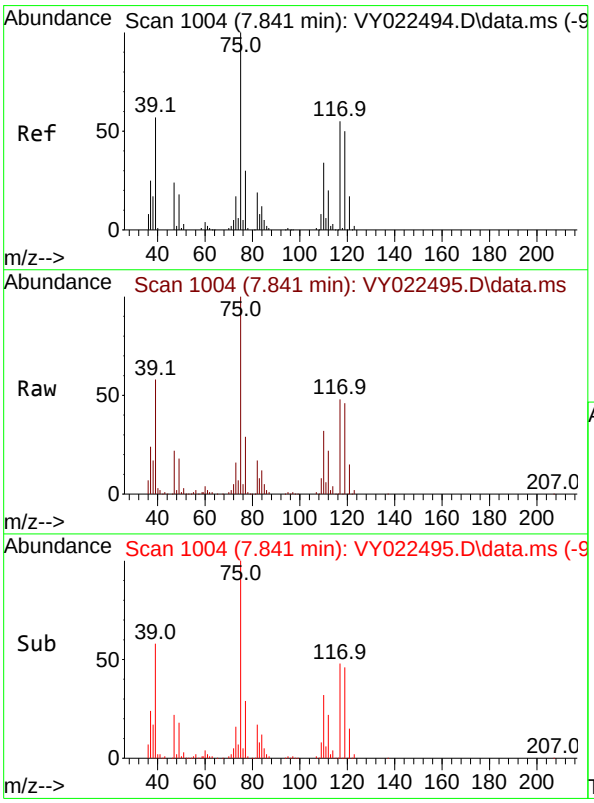
#35
Dibromofluoromethane
Concen: 104.234 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 222443

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	18.2	14.2	21.2

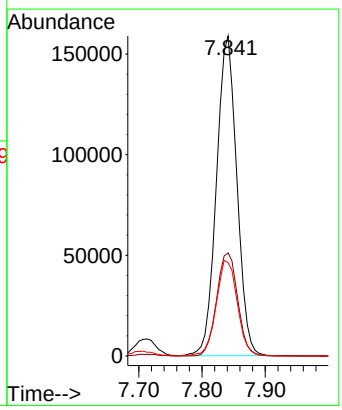


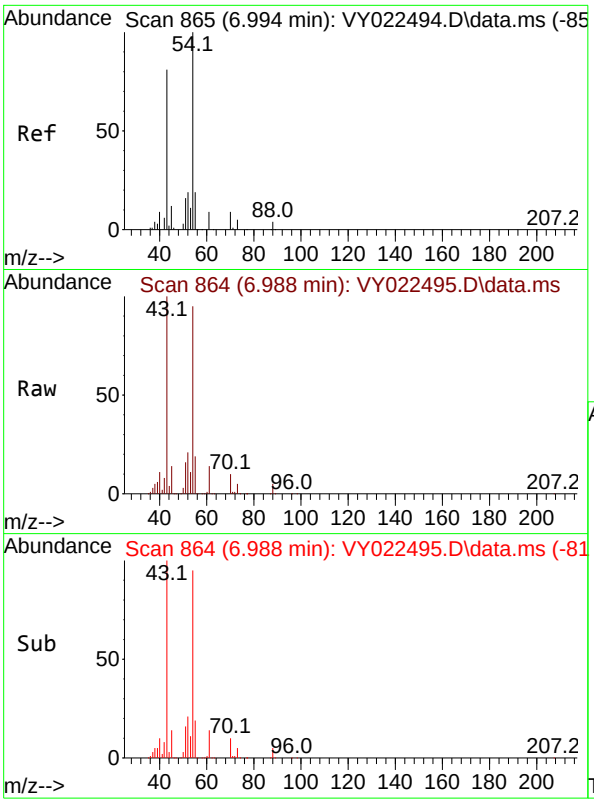


#36
1,1-Dichloropropene
Concen: 103.070 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 355563

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.7
77	31.1	24.8	37.2



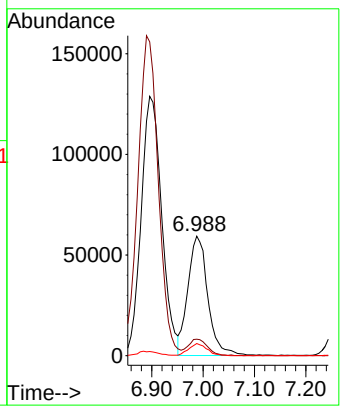


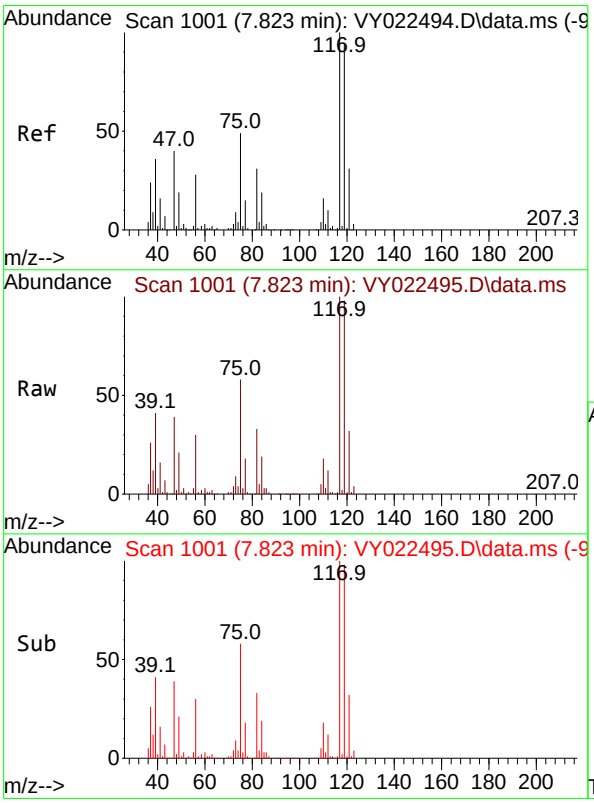
#37
Ethyl Acetate
Concen: 105.336 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 159922

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.3	7.2	10.8

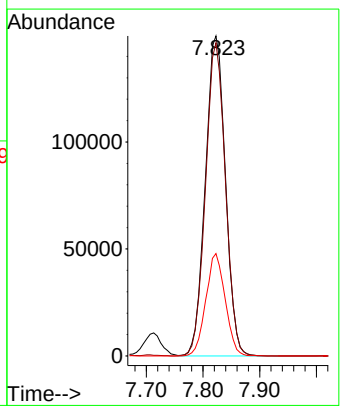


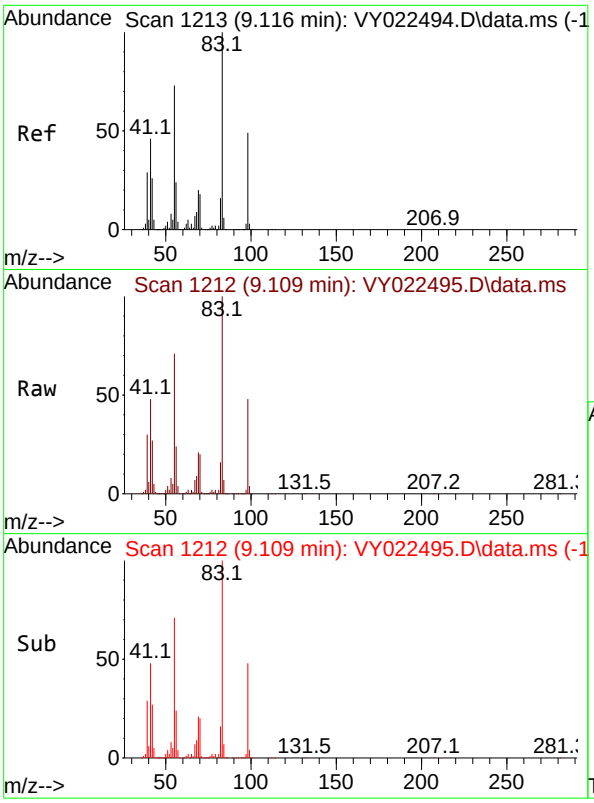


#38
Carbon Tetrachloride
Concen: 103.651 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 368617

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.0	112.6
121	32.0	25.0	37.4



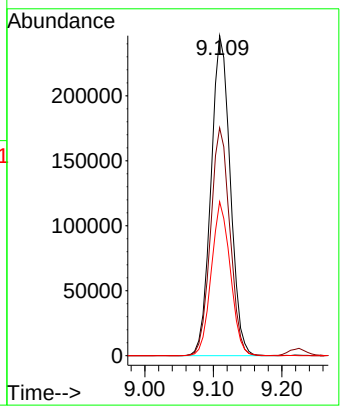


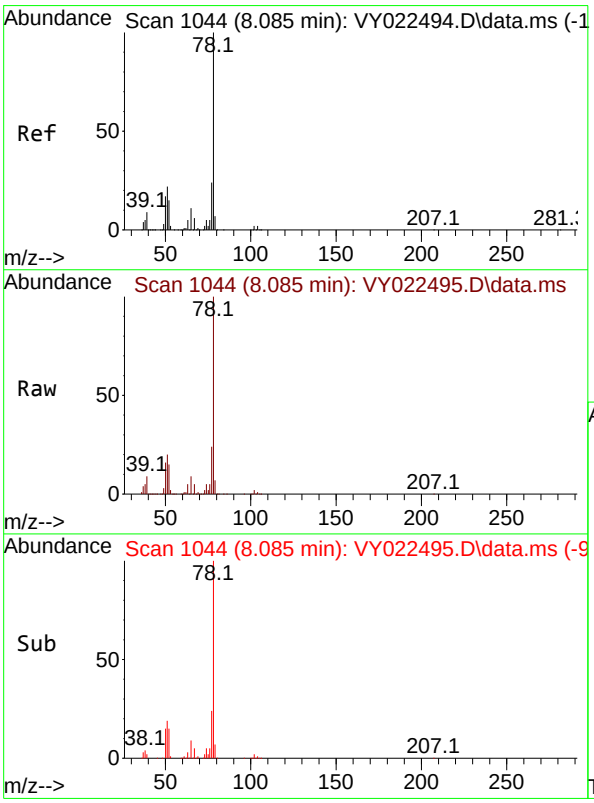
#39
Methylcyclohexane
Concen: 103.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 481512

Ion	Ratio	Lower	Upper
83	100		
55	71.2	58.1	87.1
98	48.1	39.0	58.6

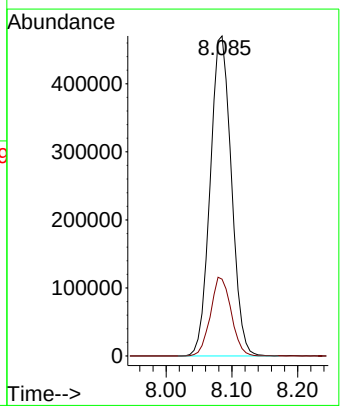


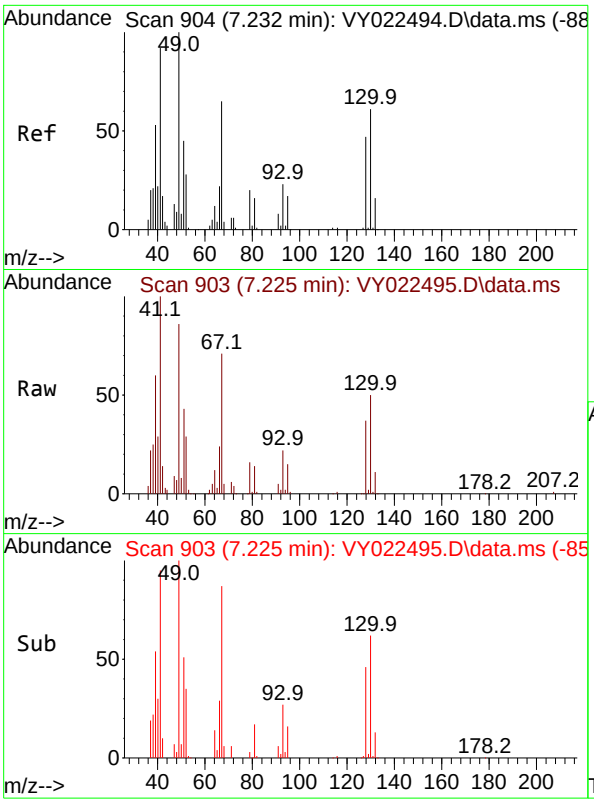


#40
Benzene
Concen: 103.542 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 78 Resp: 1052881

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



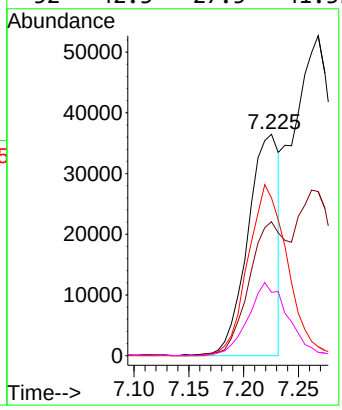


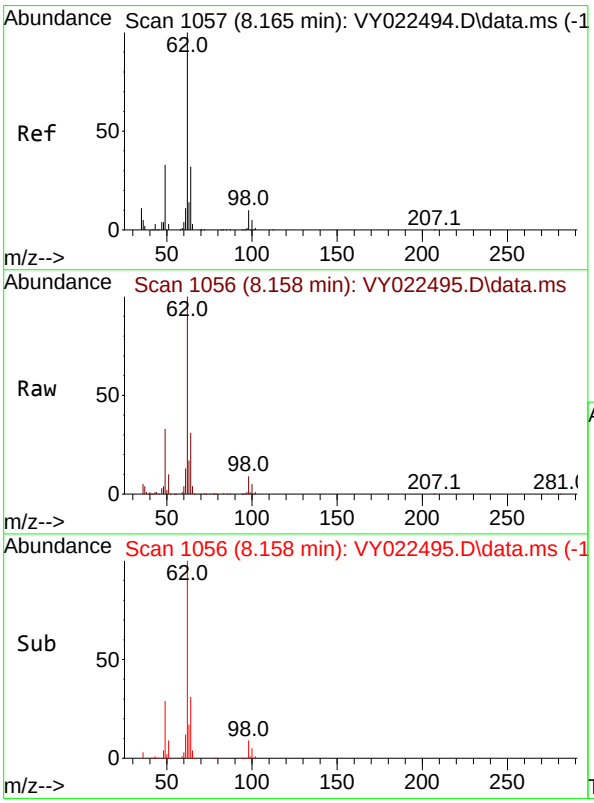
#41
Methacrylonitrile
Concen: 74.162 ug/l
RT: 7.225 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 72513

Ion	Ratio	Lower	Upper
41	100		
39	77.5	46.6	69.8#
67	97.5	63.3	94.9#
52	42.3	27.5	41.3#

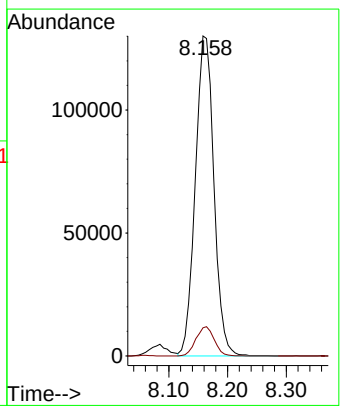


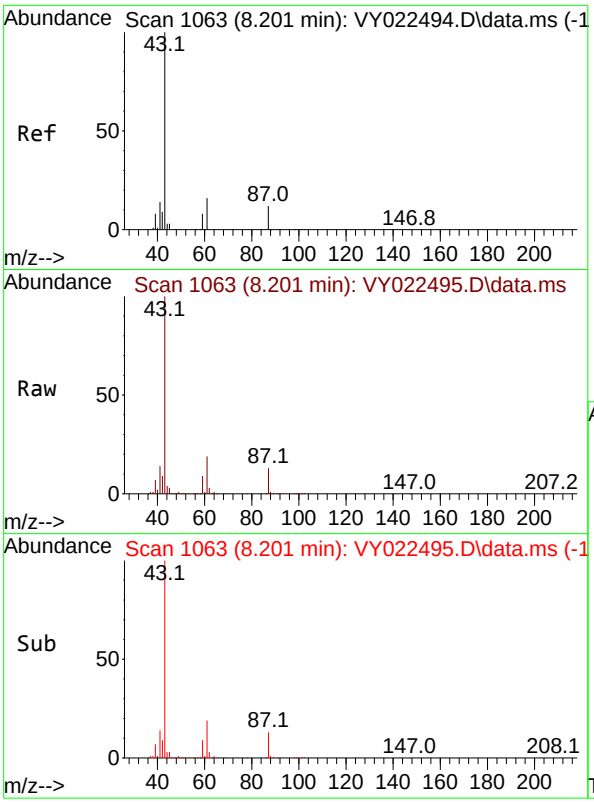


#42
1,2-Dichloroethane
Concen: 103.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 62 Resp: 286305

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2



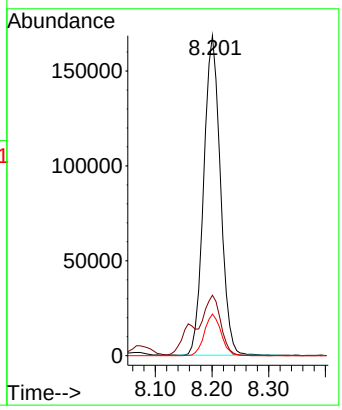


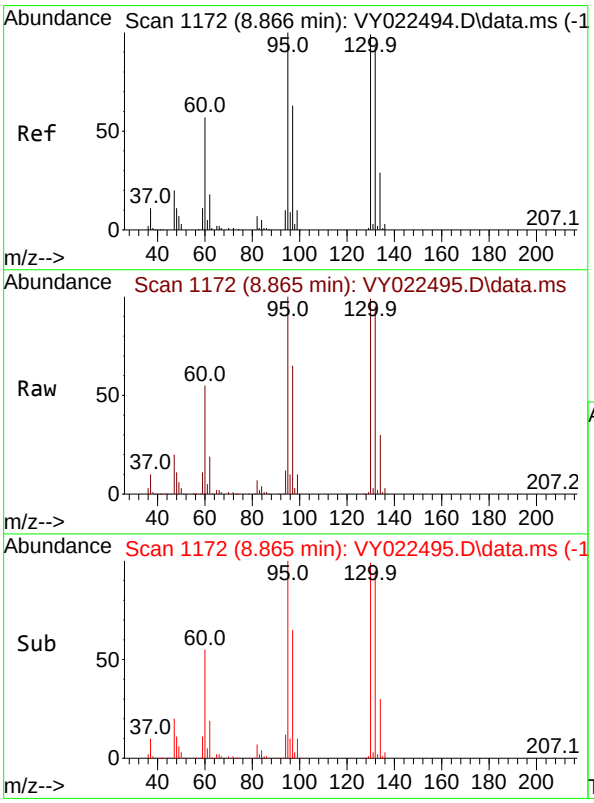
#43
Isopropyl Acetate
Concen: 103.721 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 344110

Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4
87	13.0	10.2	15.4

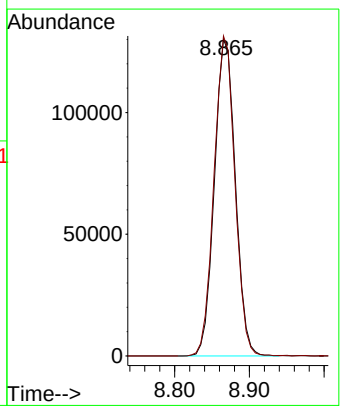


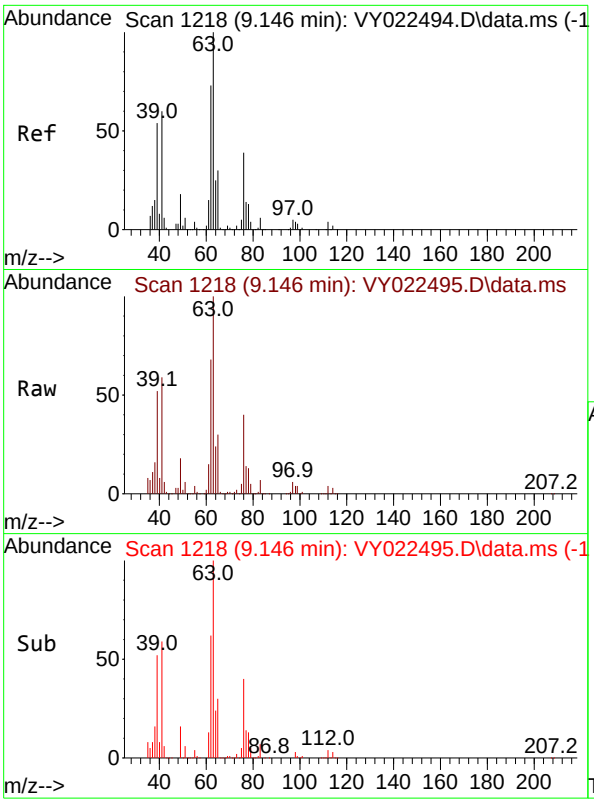


#44
Trichloroethene
Concen: 102.104 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:130 Resp: 253632

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.0



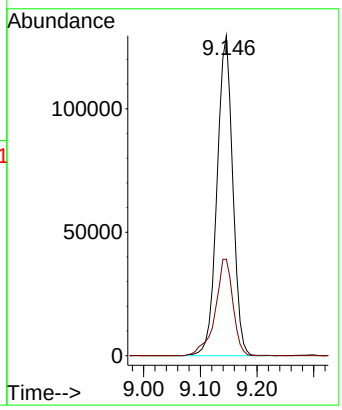


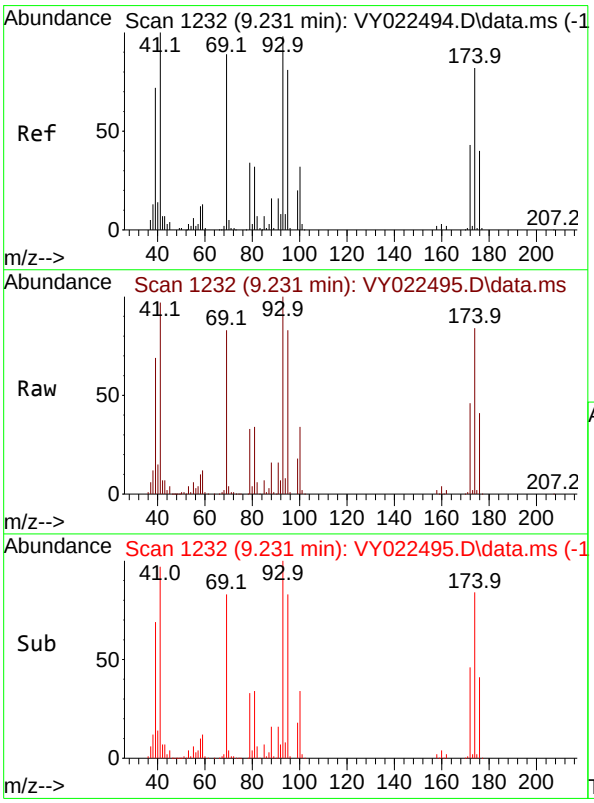
#45
1,2-Dichloropropane
Concen: 102.865 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 249363

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.0	36.0

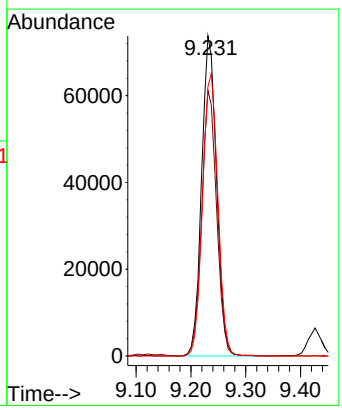


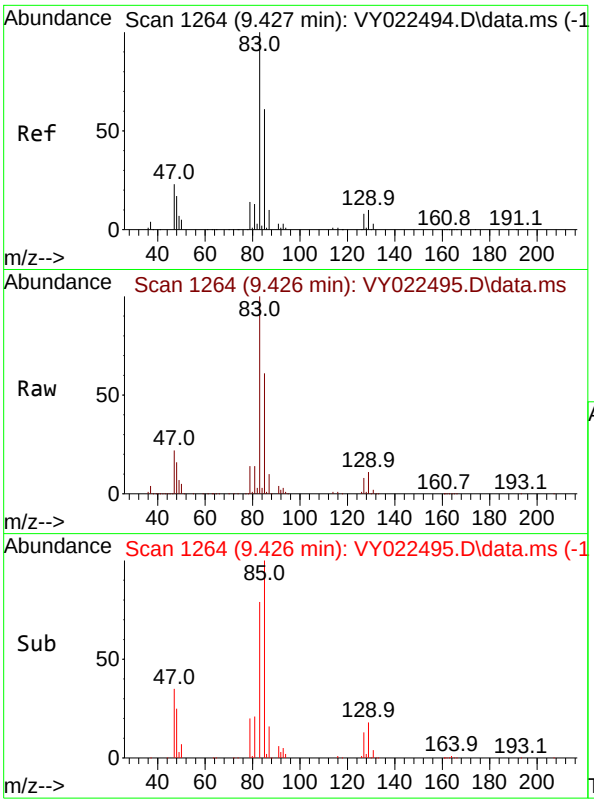


#46
Dibromomethane
Concen: 102.605 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 93 Resp: 139349

Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.6	98.4
174	90.4	70.4	105.6



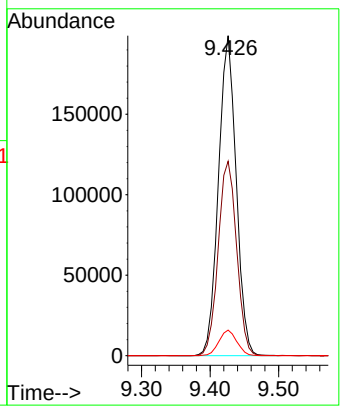


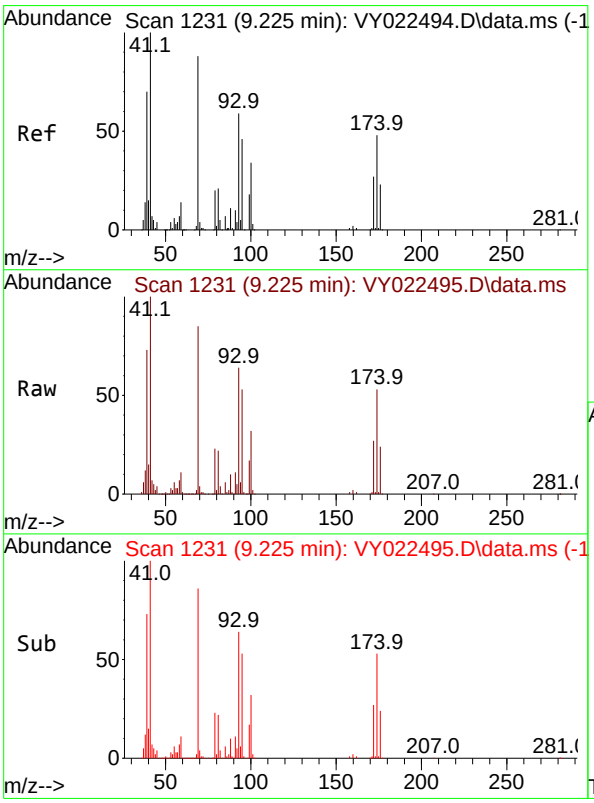
#47
Bromodichloromethane
Concen: 103.321 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 356025

Ion	Ratio	Lower	Upper
83	100		
85	60.7	49.1	73.7
127	8.0	6.2	9.4

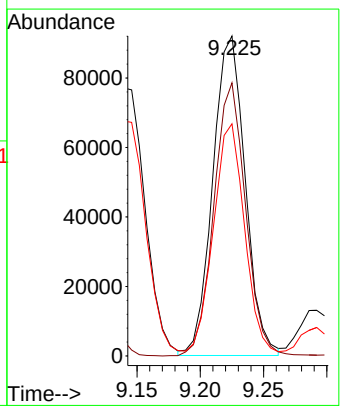


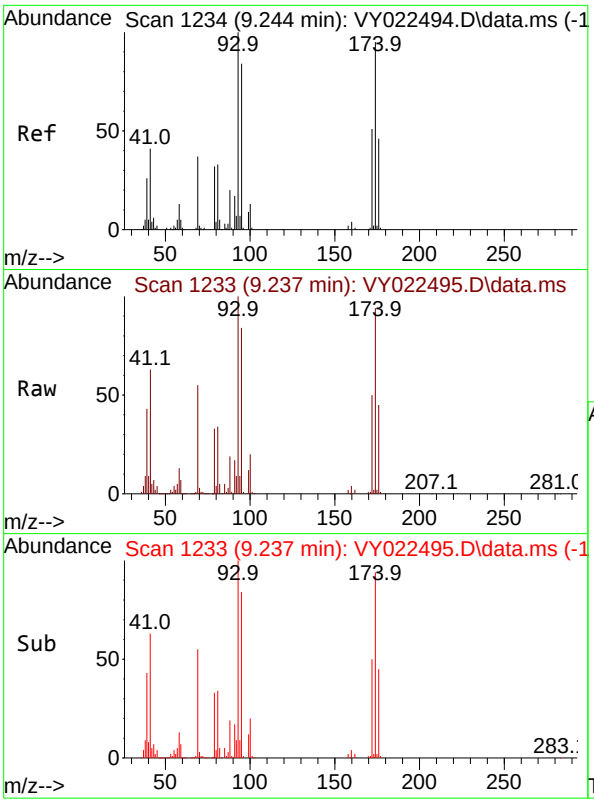


#48
Methyl methacrylate
Concen: 107.875 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 41 Resp: 163867

Ion	Ratio	Lower	Upper
41	100		
69	84.0	67.8	101.8
39	68.0	55.0	82.4



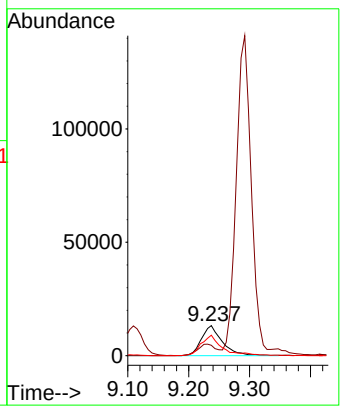


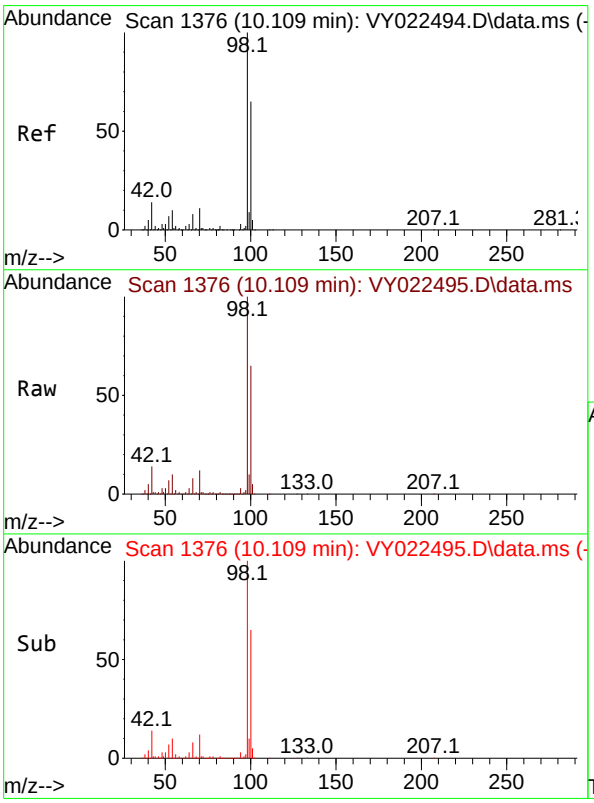
#49
1,4-Dioxane
Concen: 1955.012 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 31675

Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.4	38.2
58	69.1	54.9	82.3

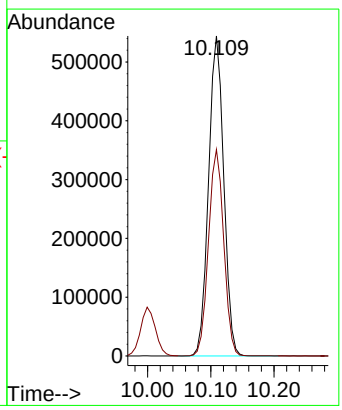


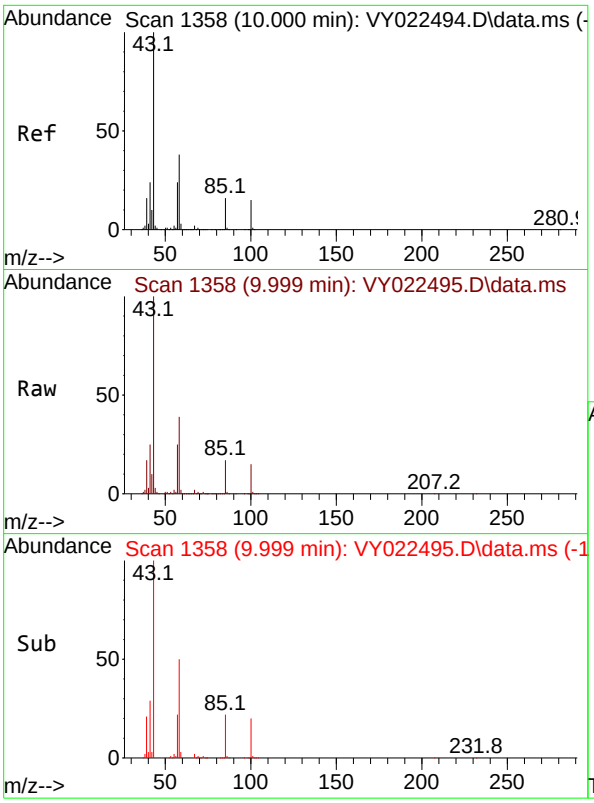


#50
Toluene-d8
Concen: 105.318 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 98 Resp: 908424

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



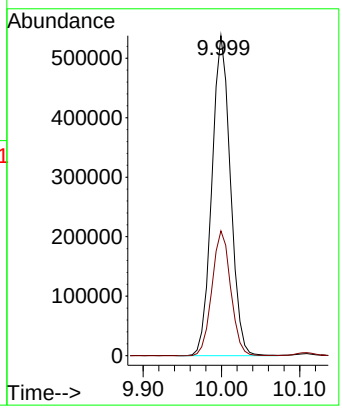


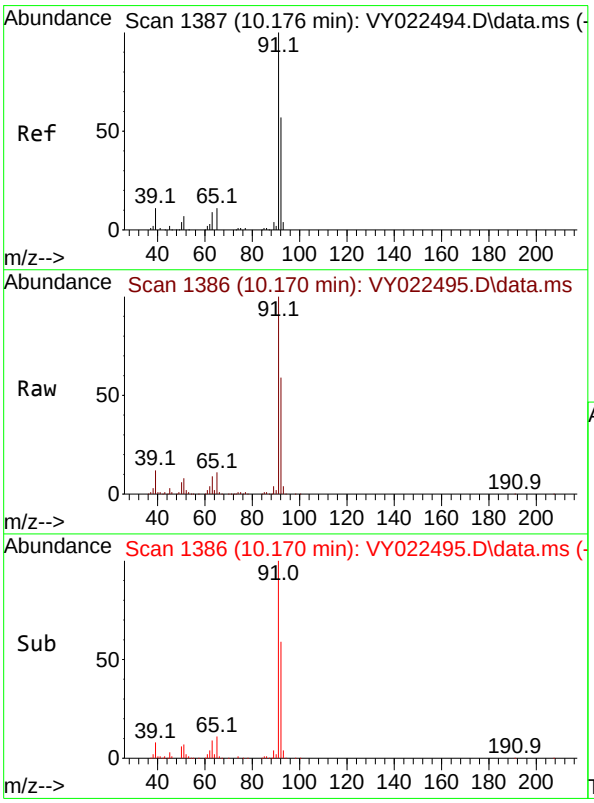
#51
4-Methyl-2-Pentanone
Concen: 537.390 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 884897

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6

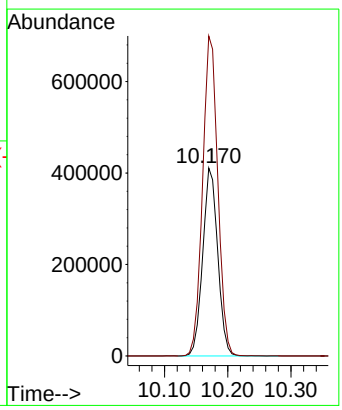


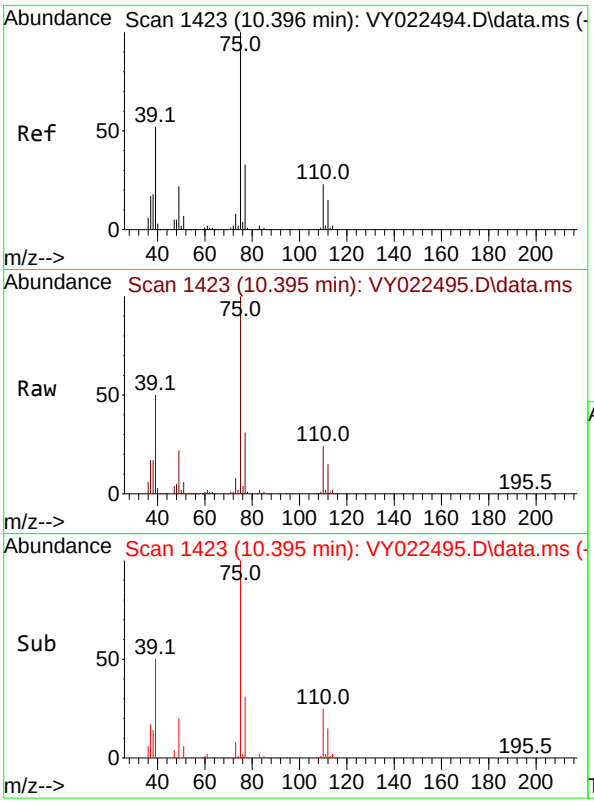


#52
Toluene
Concen: 105.821 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 92 Resp: 676554

Ion	Ratio	Lower	Upper
92	100		
91	173.1	139.0	208.4



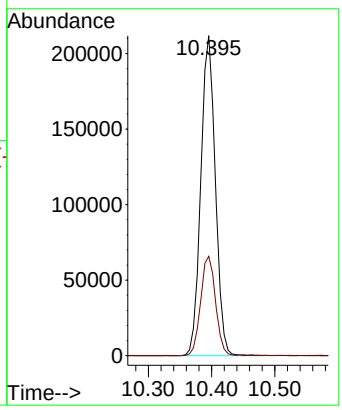


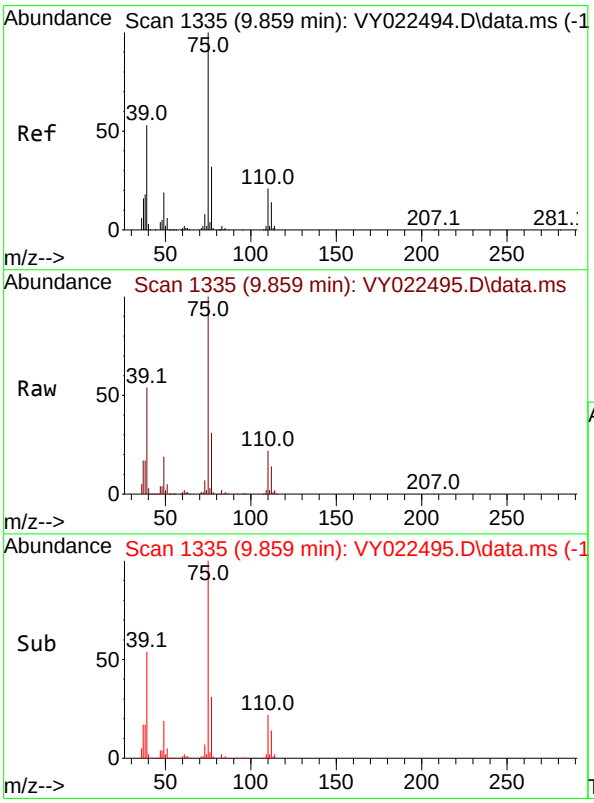
#53
t-1,3-Dichloropropene
Concen: 106.548 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 339647

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.5	39.7

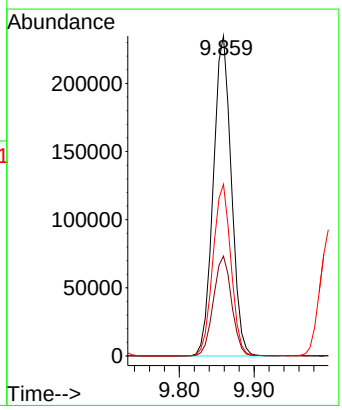


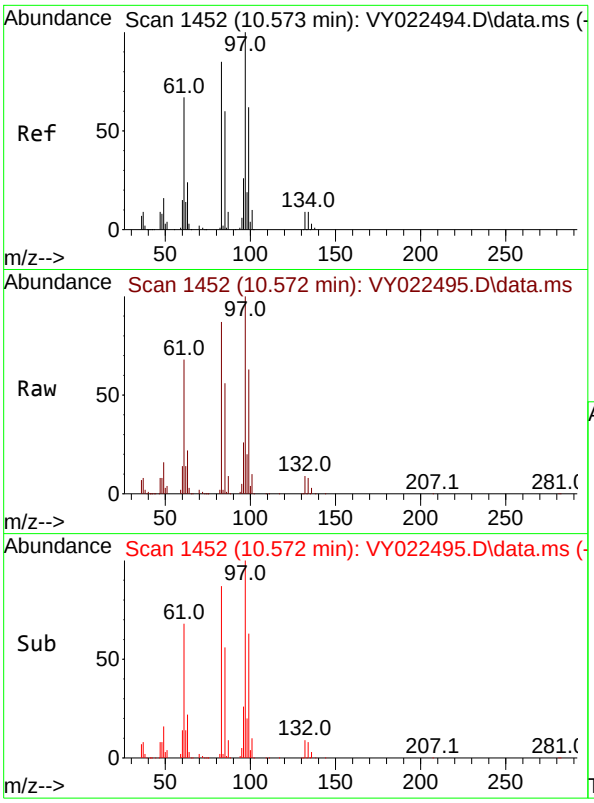


#54
cis-1,3-Dichloropropene
Concen: 105.579 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 394647

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	53.6	42.7	64.1



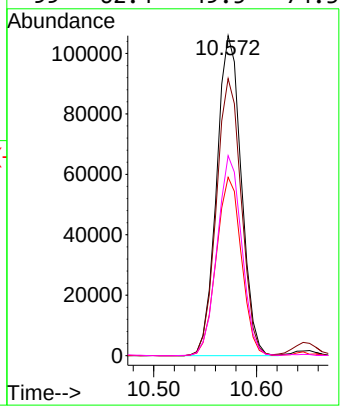


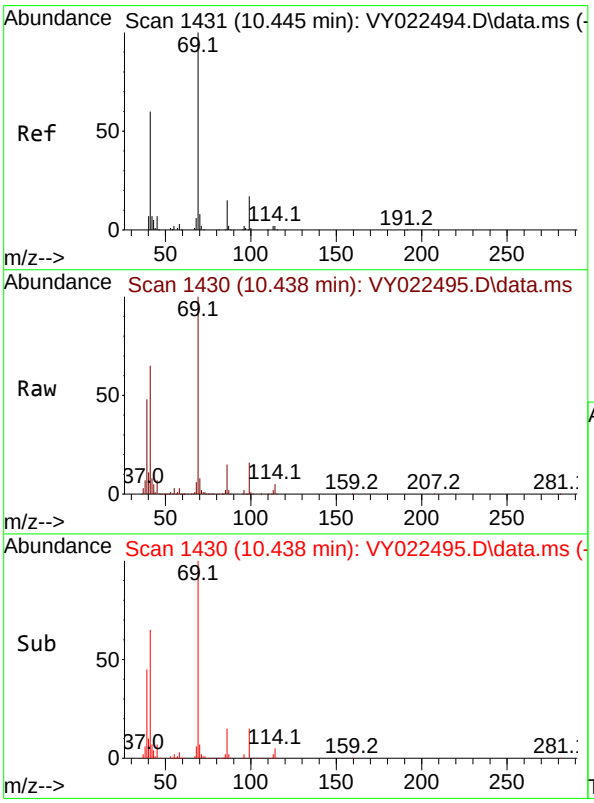
#55
1,1,2-Trichloroethane
Concen: 103.130 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 176386

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.8	48.2	72.2
99	62.4	49.5	74.3

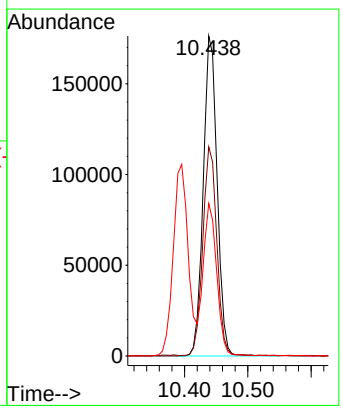


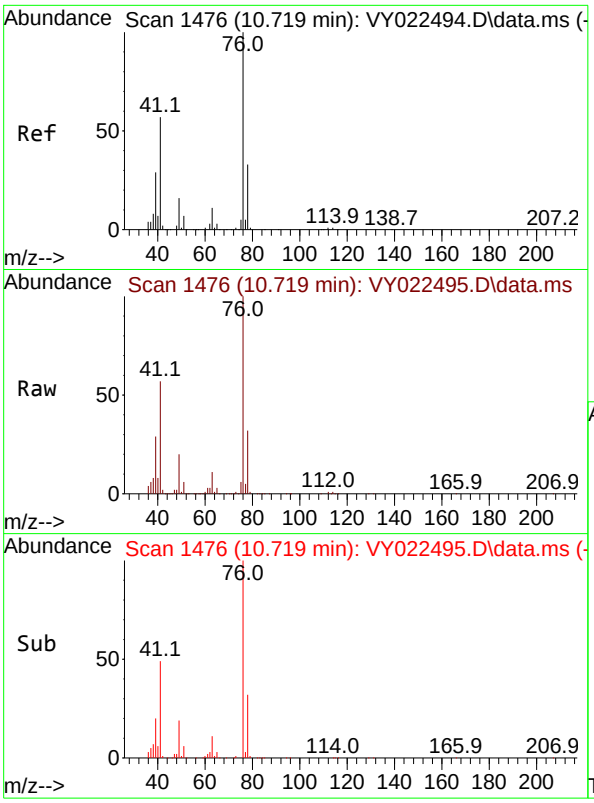


#56
Ethyl methacrylate
Concen: 108.807 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 69 Resp: 270253

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	45.6	36.7	55.1



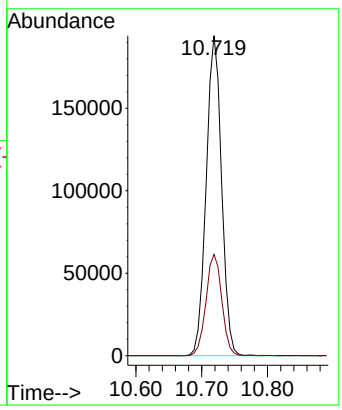


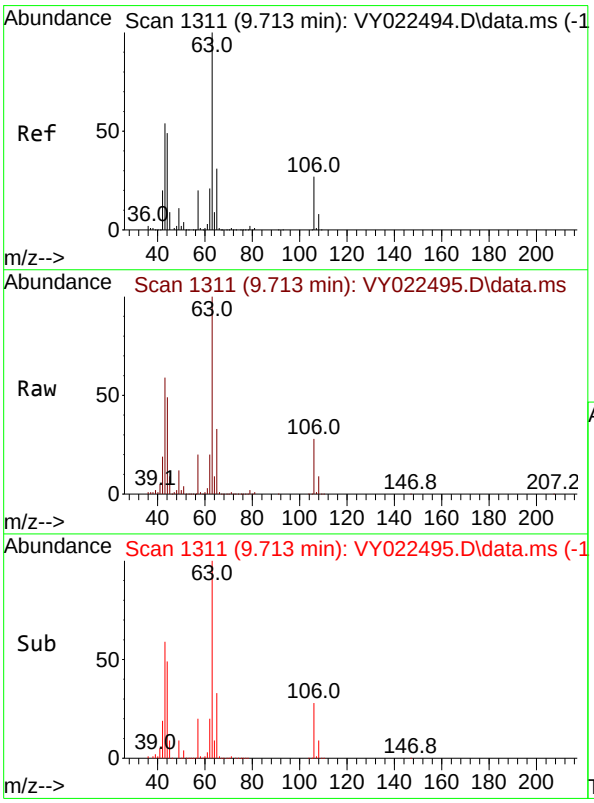
#57
1,3-Dichloropropane
Concen: 103.374 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 314882

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

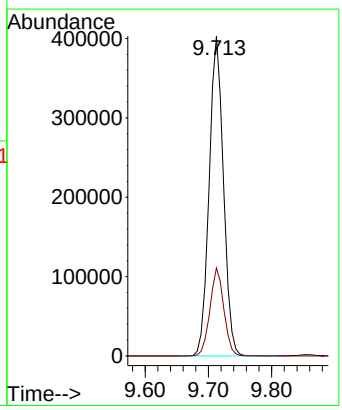


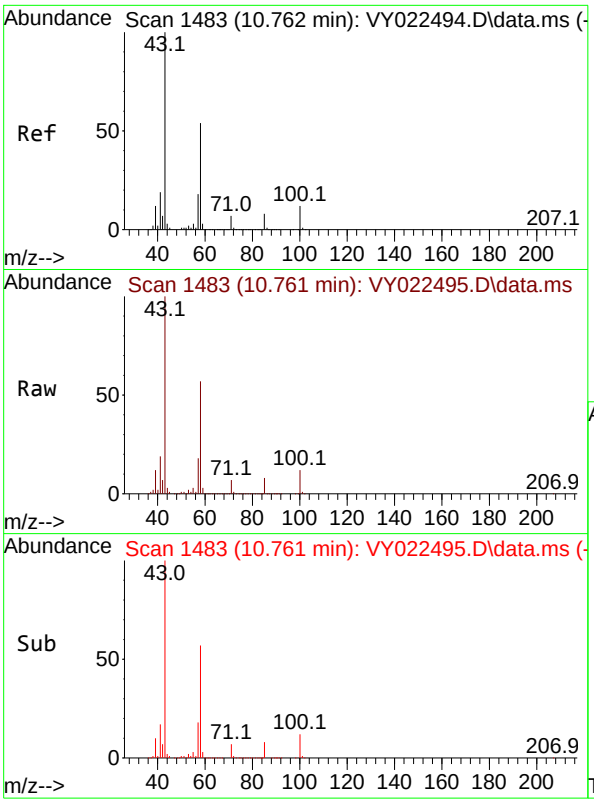


#58
2-Chloroethyl Vinyl ether
Concen: 570.744 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 63 Resp: 631985

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



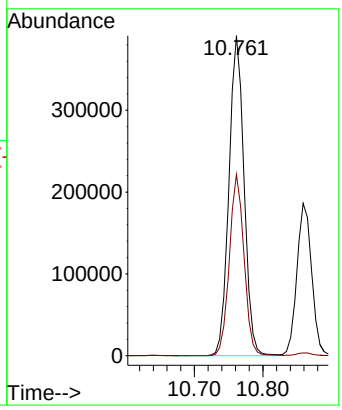


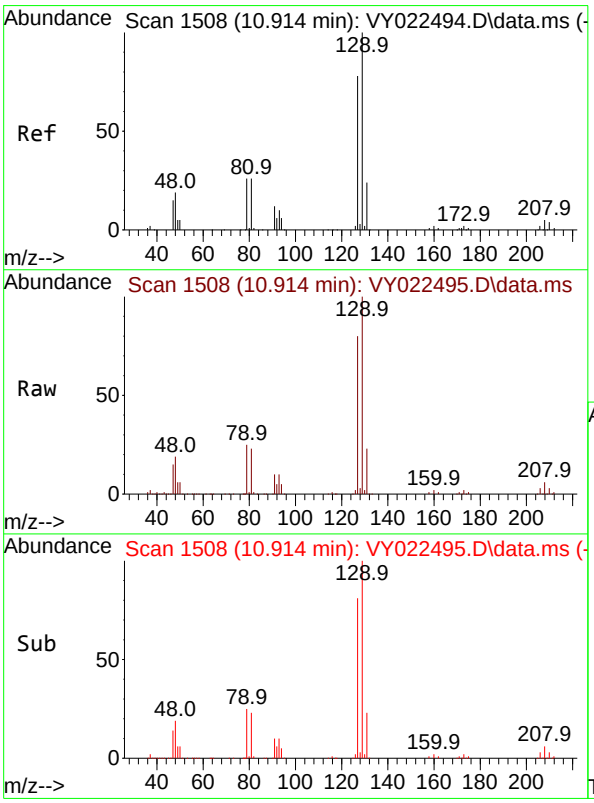
#59
2-Hexanone
Concen: 546.025 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 599356

Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8

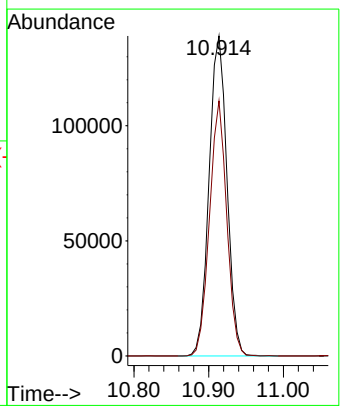


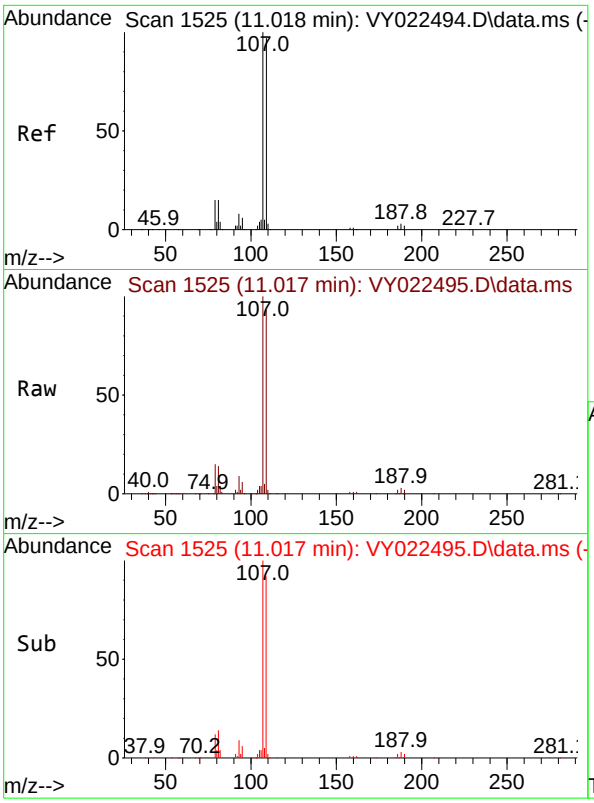


#60
Dibromochloromethane
Concen: 106.862 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:129 Resp: 231582

Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.2



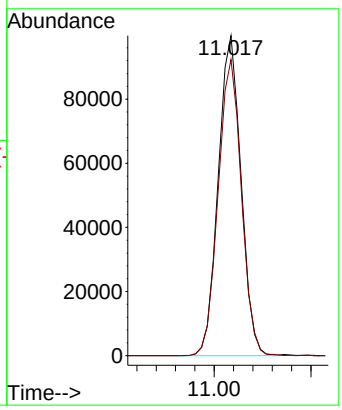


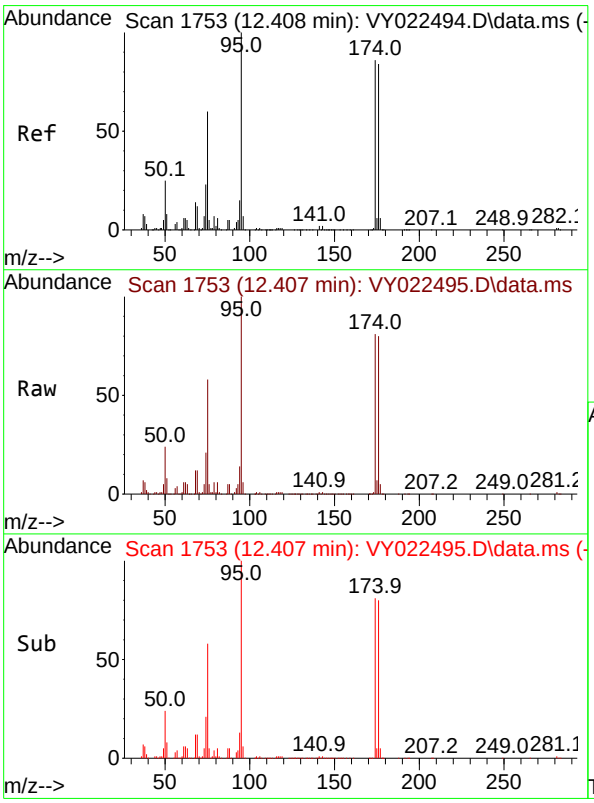
#61
1,2-Dibromoethane
Concen: 103.182 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 162846

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.7	116.5

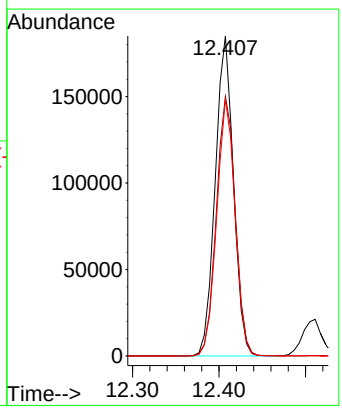


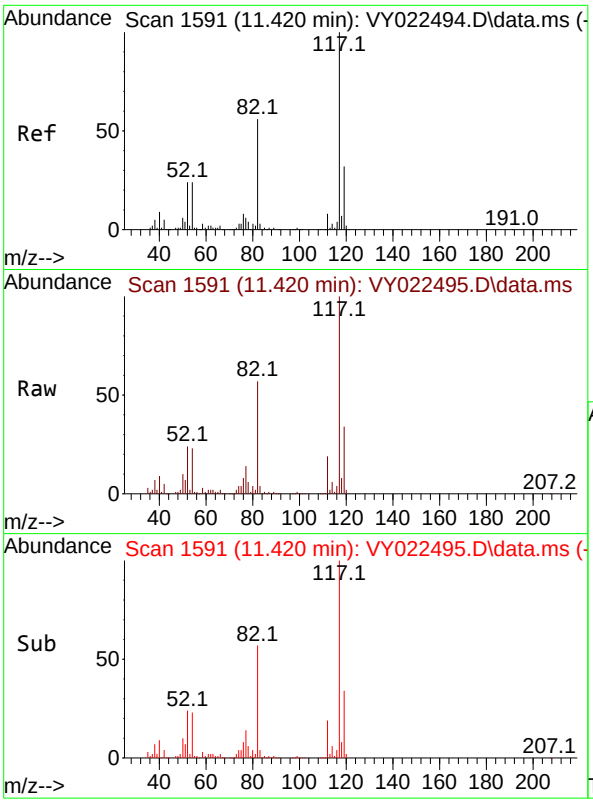


#62
4-Bromofluorobenzene
Concen: 103.359 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 95 Resp: 270310

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	170.0
176	80.8	0.0	166.2



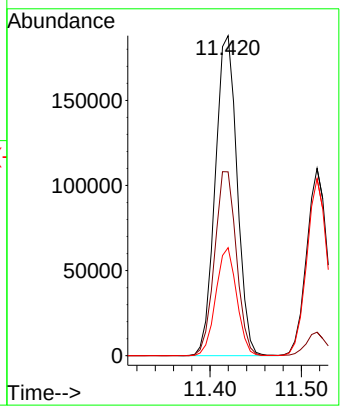


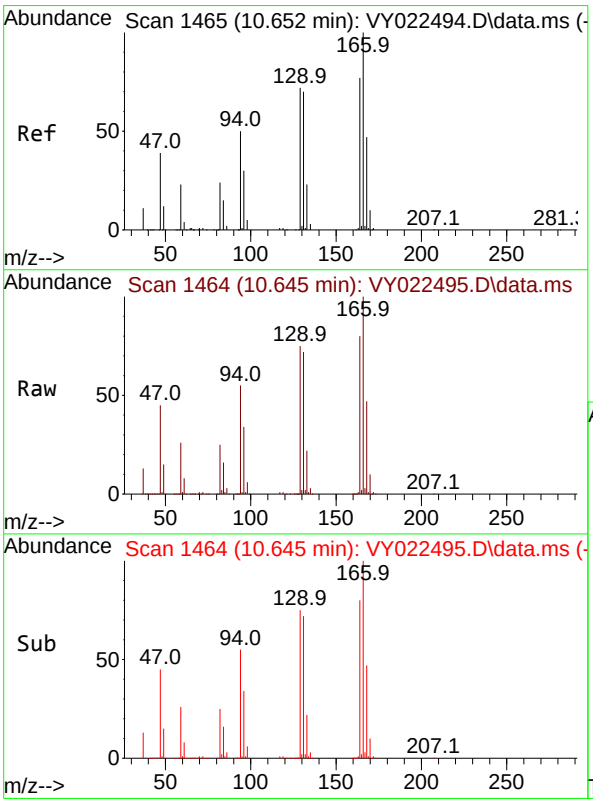
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 312741

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	33.8	25.4	38.0

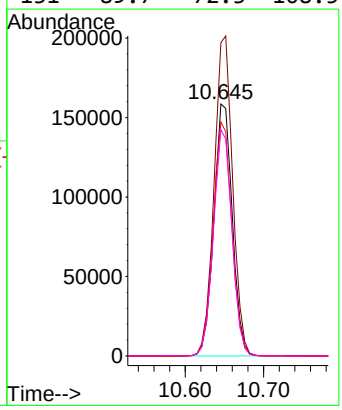


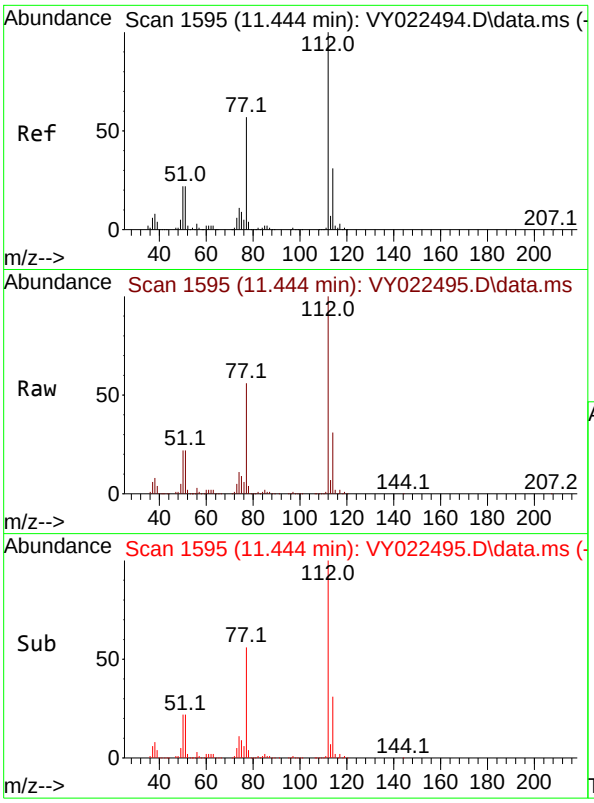


#64
Tetrachloroethene
Concen: 97.857 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:164 Resp: 260085

Ion	Ratio	Lower	Upper
164	100		
166	124.4	104.0	156.0
129	92.8	74.5	111.7
131	89.7	72.3	108.5



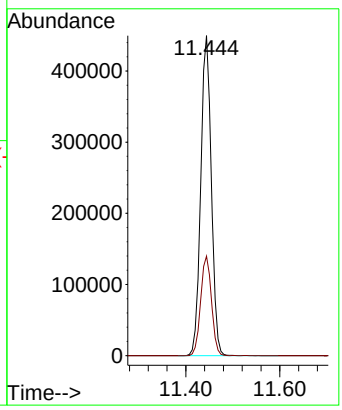


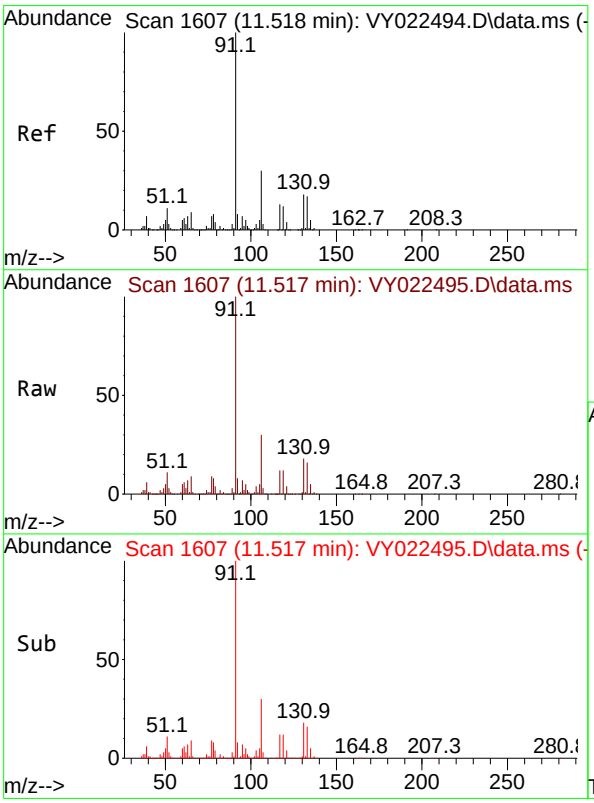
#65
Chlorobenzene
Concen: 103.277 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 700365

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.0	37.6

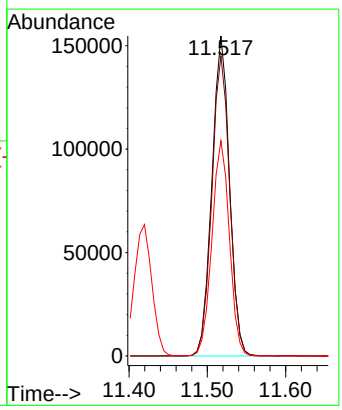


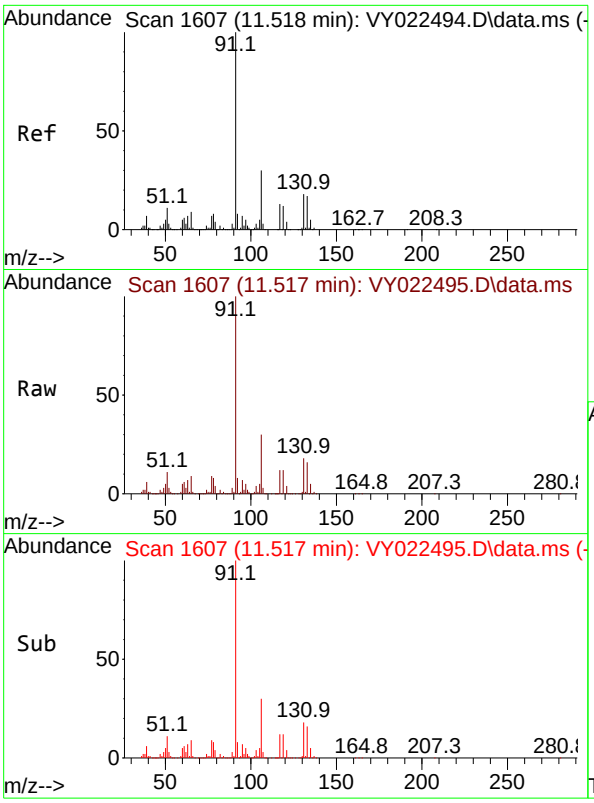


#66
1,1,1,2-Tetrachloroethane
Concen: 104.874 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:131 Resp: 241080

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.8
119	66.9	33.1	99.3



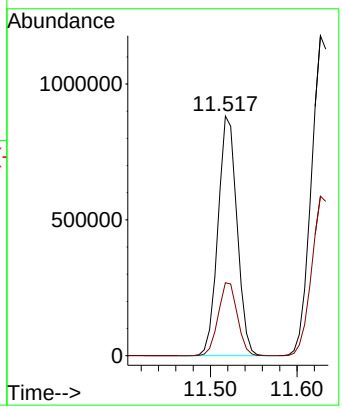


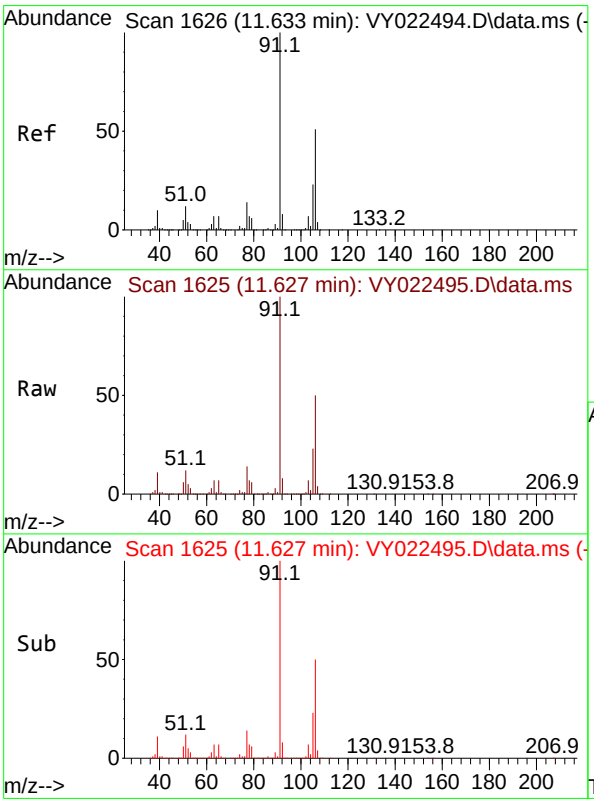
#67
Ethyl Benzene
Concen: 106.379 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1343424

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4

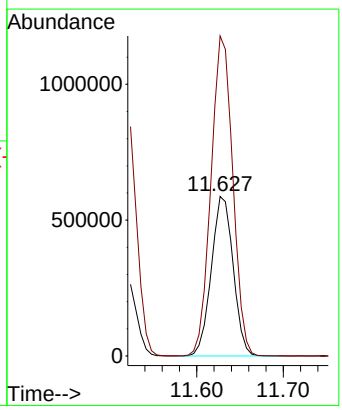


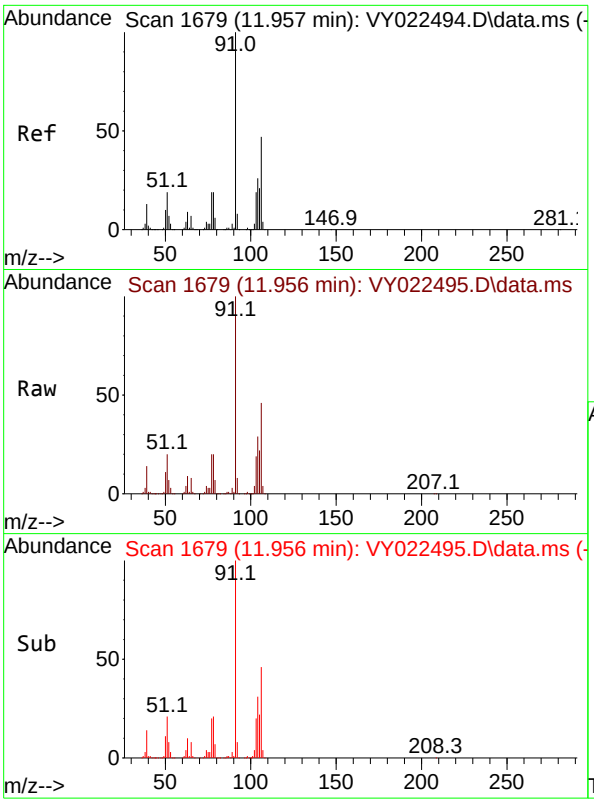


#68
m/p-Xylenes
Concen: 215.017 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:106 Resp: 1027669

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.4	239.0



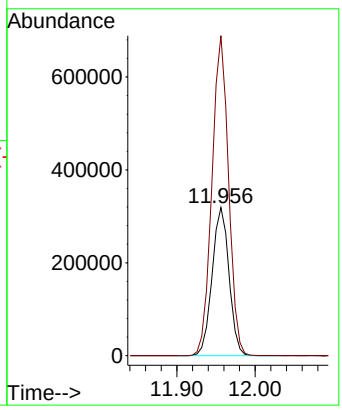


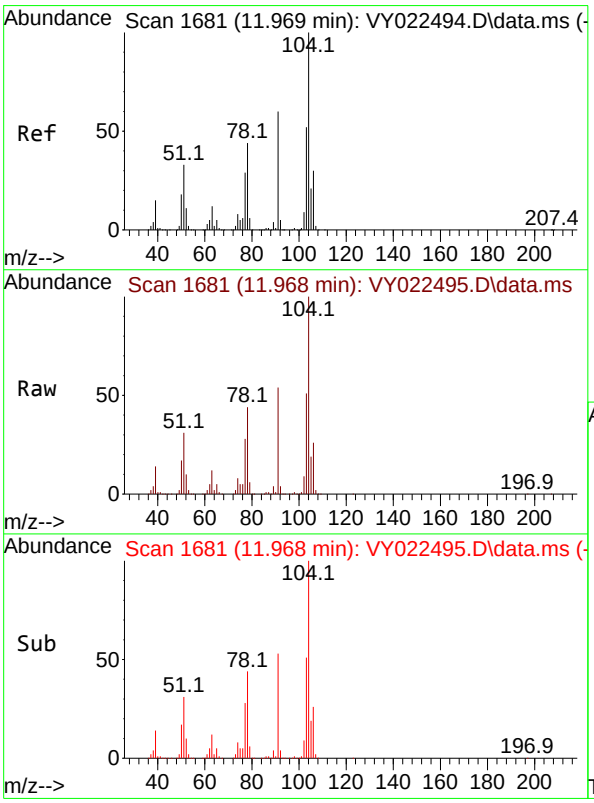
#69
o-Xylene
Concen: 106.884 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 478106

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

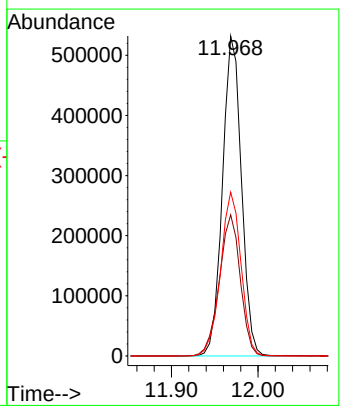


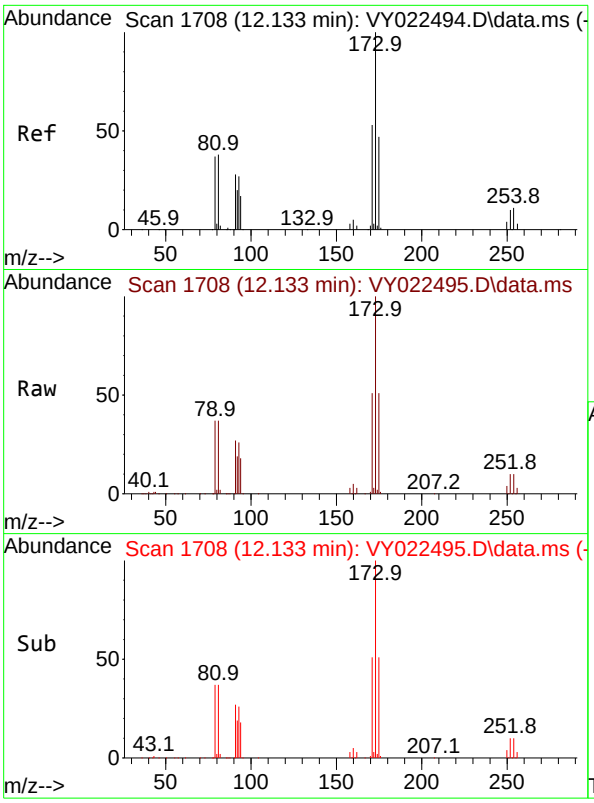


#70
Styrene
Concen: 109.011 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:104 Resp: 807331

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.3	44.1	66.1



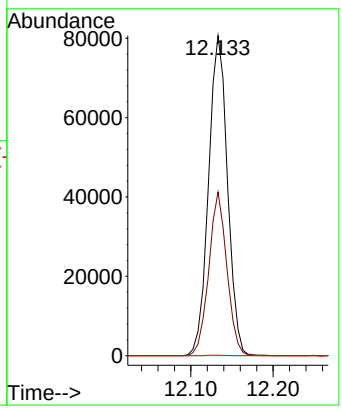


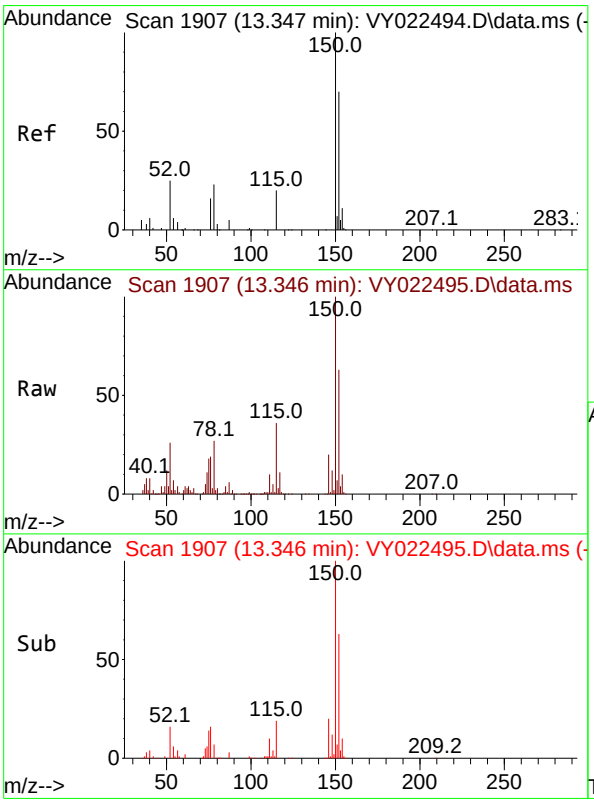
#71
Bromoform
Concen: 106.900 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 129134

Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.8	71.5
254	0.2	0.0	0.0#

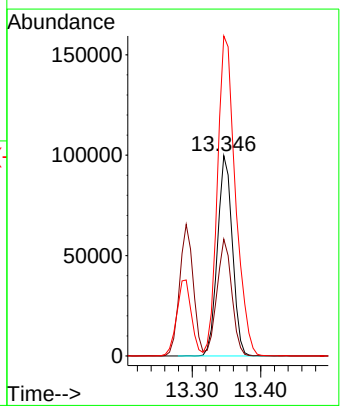


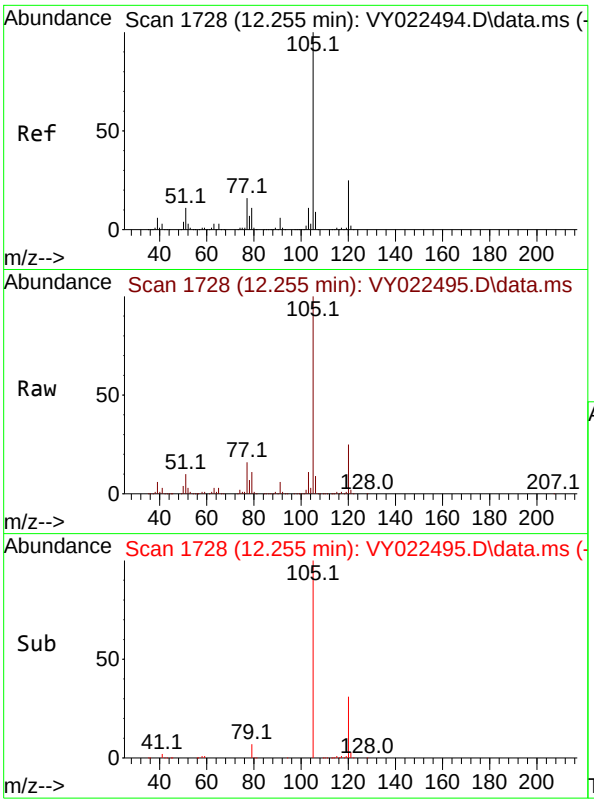


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:152 Resp: 150217

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.9	86.7
150	192.2	0.0	349.6



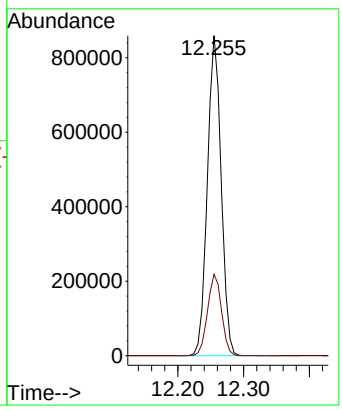


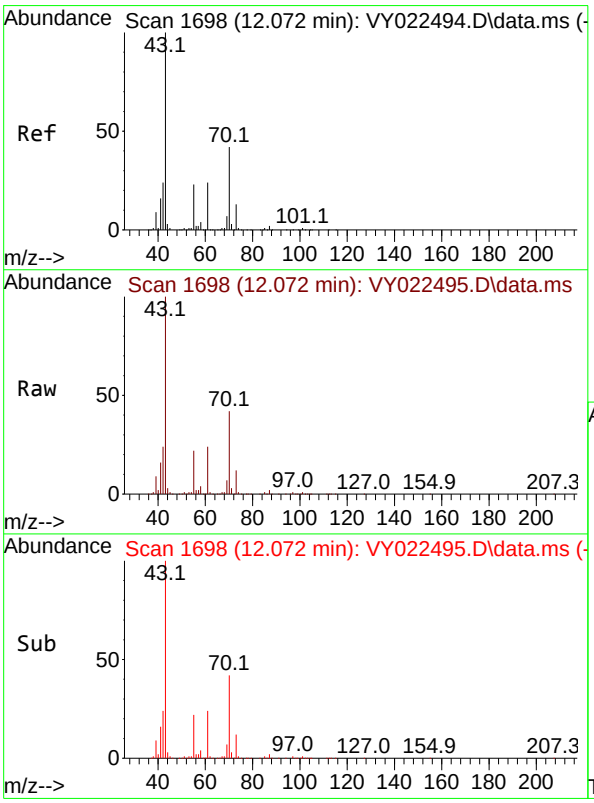
#73
Isopropylbenzene
Concen: 103.429 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1251781

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

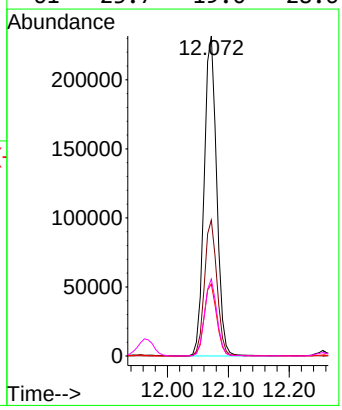


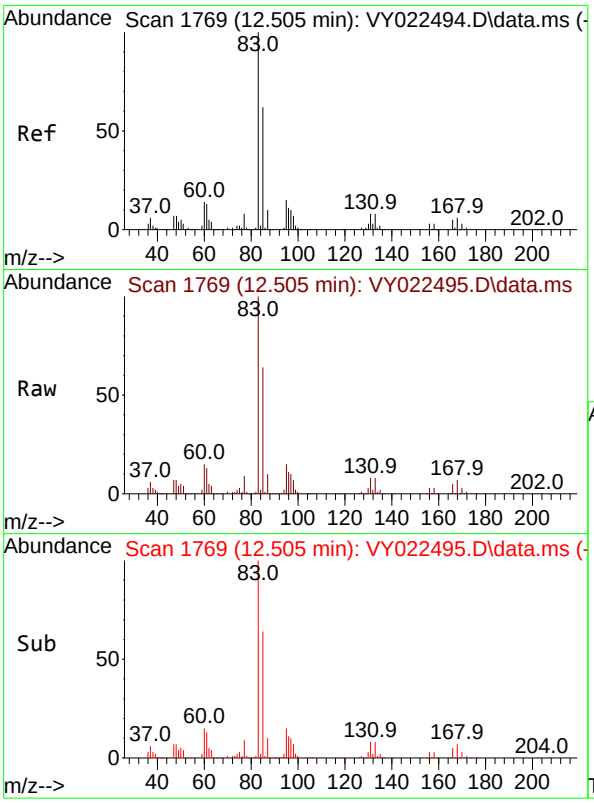


#74
N-amyl acetate
Concen: 108.232 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 43 Resp: 331256

Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.2	51.2
55	22.5	18.2	27.4
61	23.7	19.0	28.6



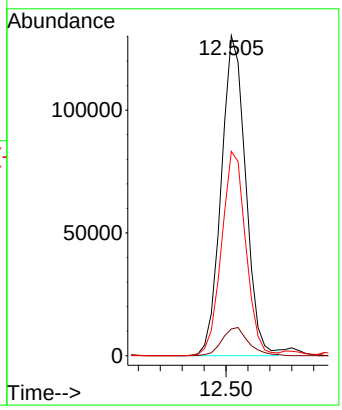


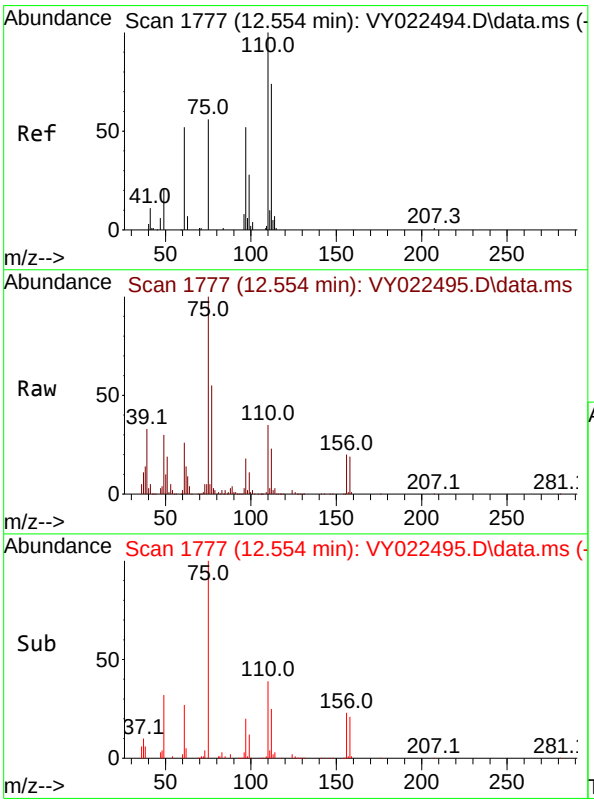
#75
1,1,2,2-Tetrachloroethane
Concen: 102.543 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 201554

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.7	32.6	97.8

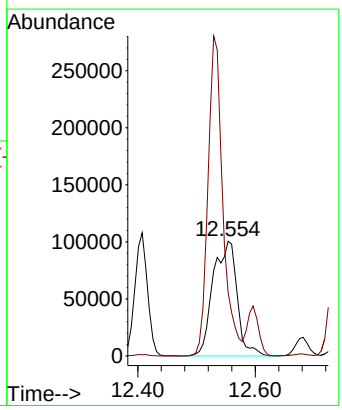


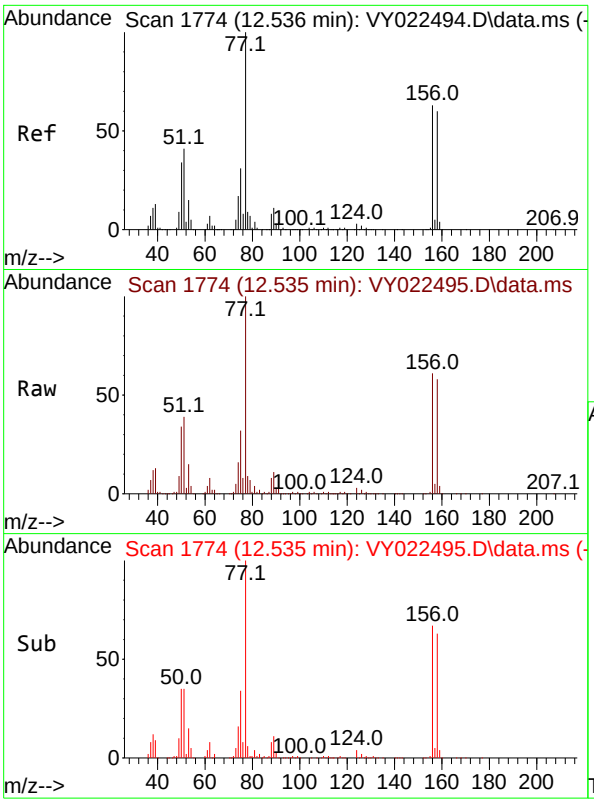


#76
1,2,3-Trichloropropane
Concen: 143.759 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 285086

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



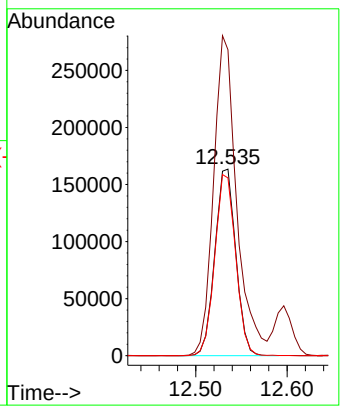


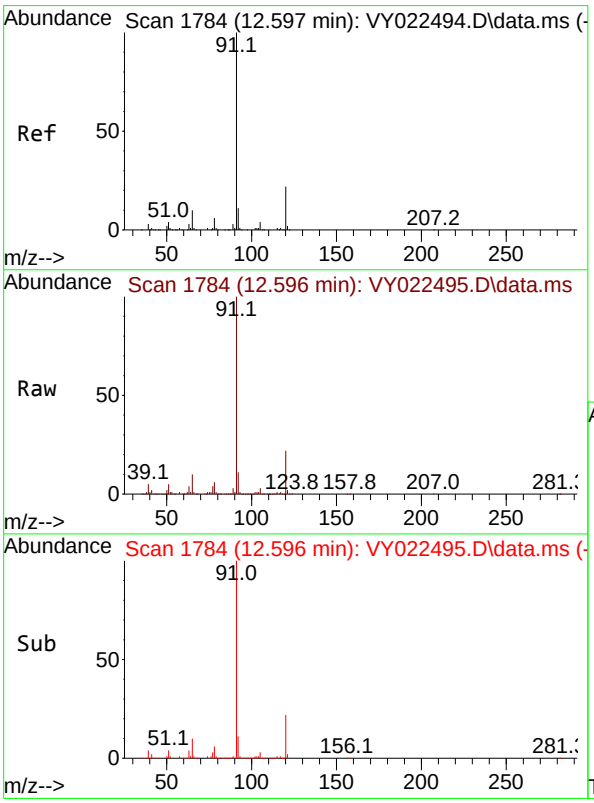
#77
Bromobenzene
Concen: 101.560 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 260522

Ion	Ratio	Lower	Upper
156	100		
77	189.8	94.0	282.1
158	97.1	48.2	144.6

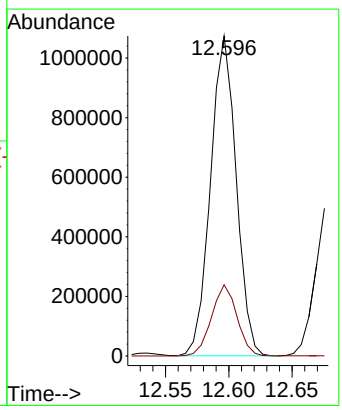


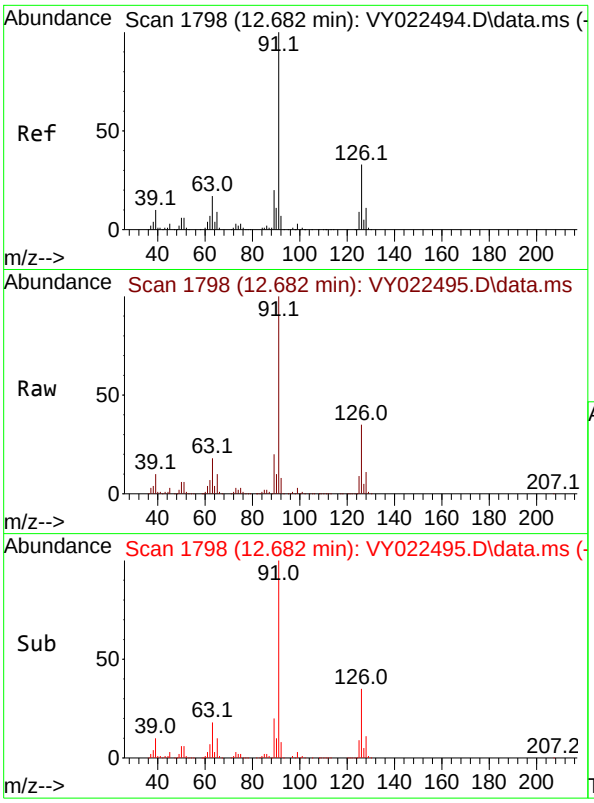


#78
n-propylbenzene
Concen: 103.002 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 1517453

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.8	32.4



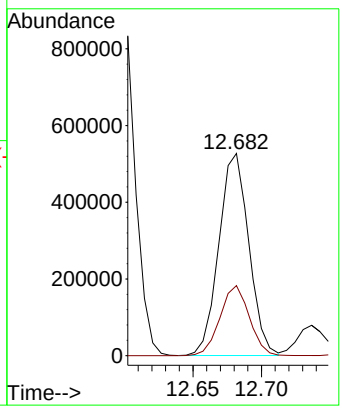


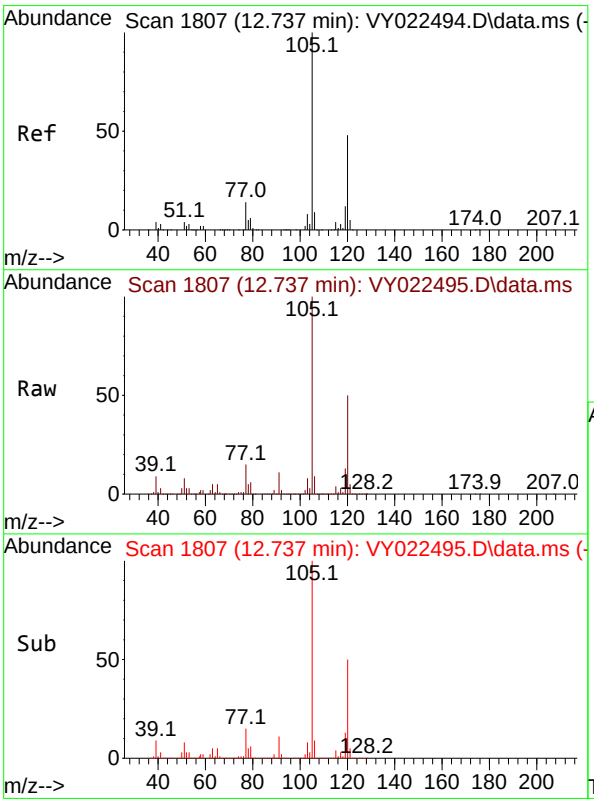
#79
2-Chlorotoluene
Concen: 102.984 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 801096

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

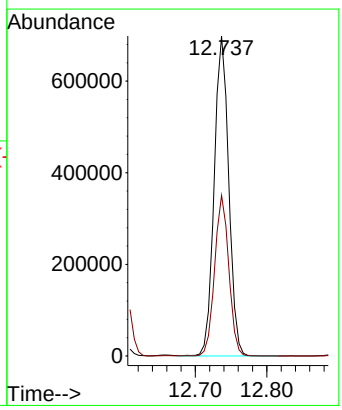


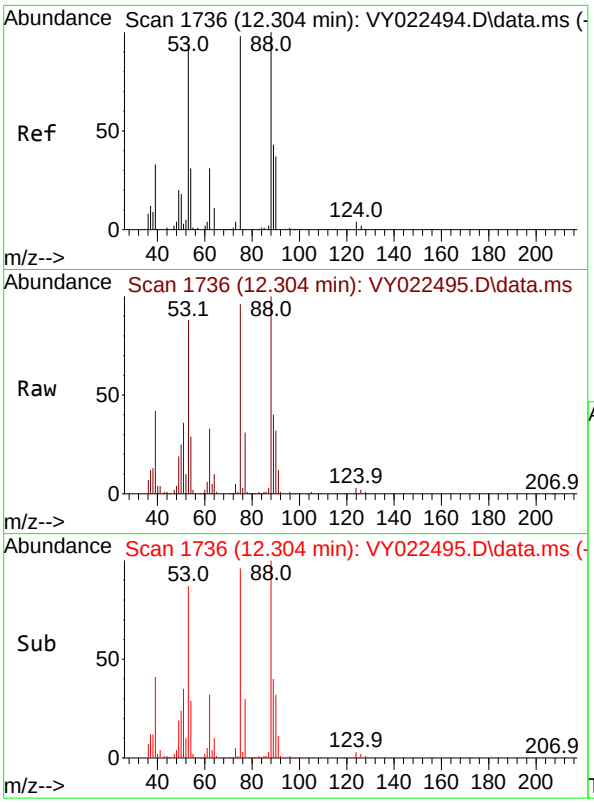


#80
1,3,5-Trimethylbenzene
Concen: 103.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 983812

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.4



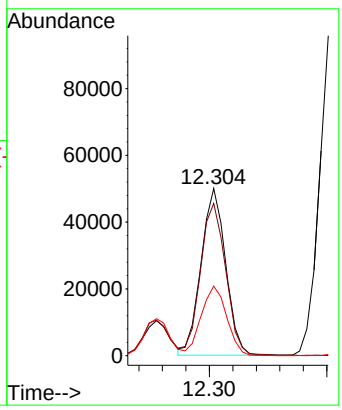


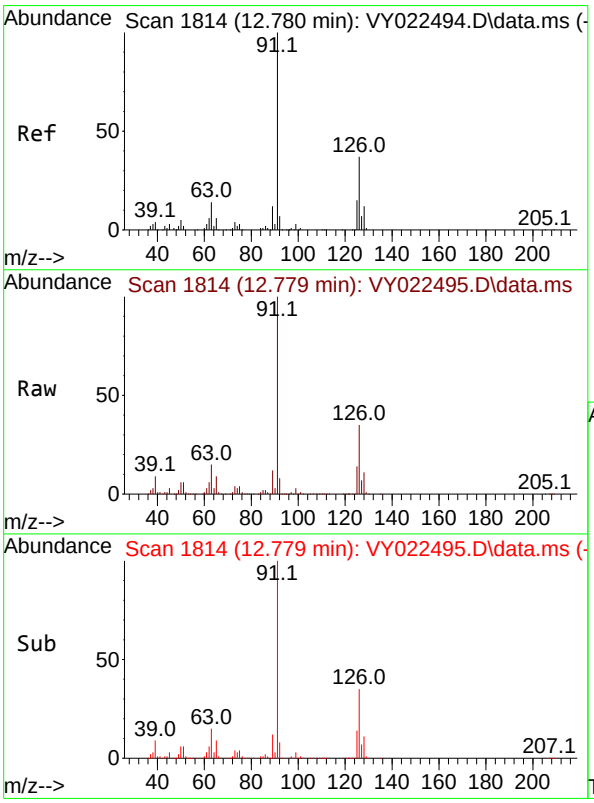
#81
trans-1,4-Dichloro-2-butene
Concen: 104.845 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 72518

Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.5	117.7
89	43.2	35.7	53.5

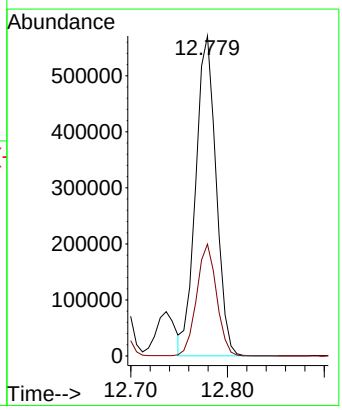


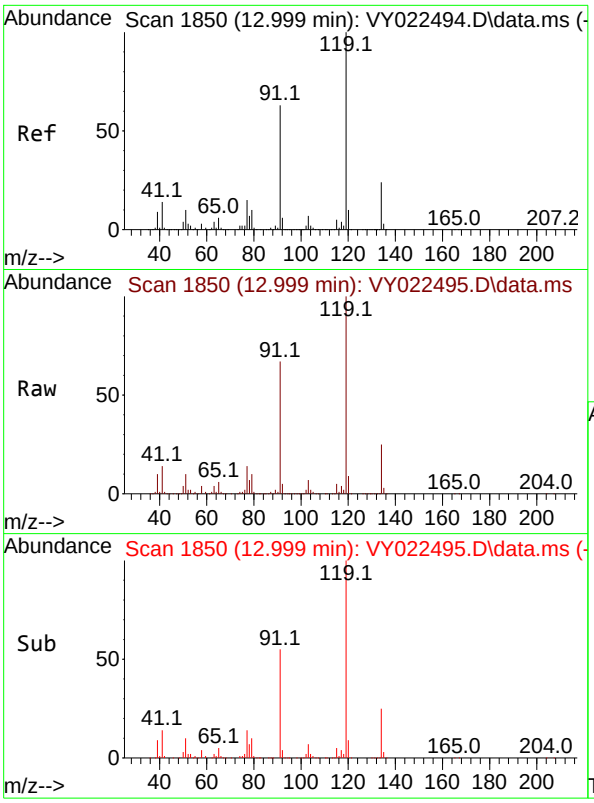


#82
4-Chlorotoluene
Concen: 103.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 91 Resp: 836500

Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	50.9



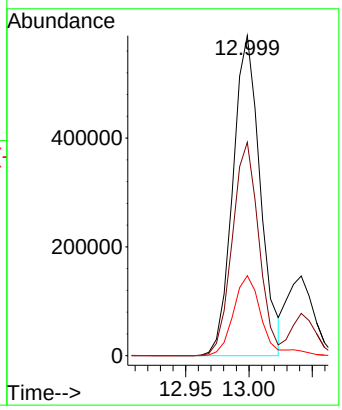


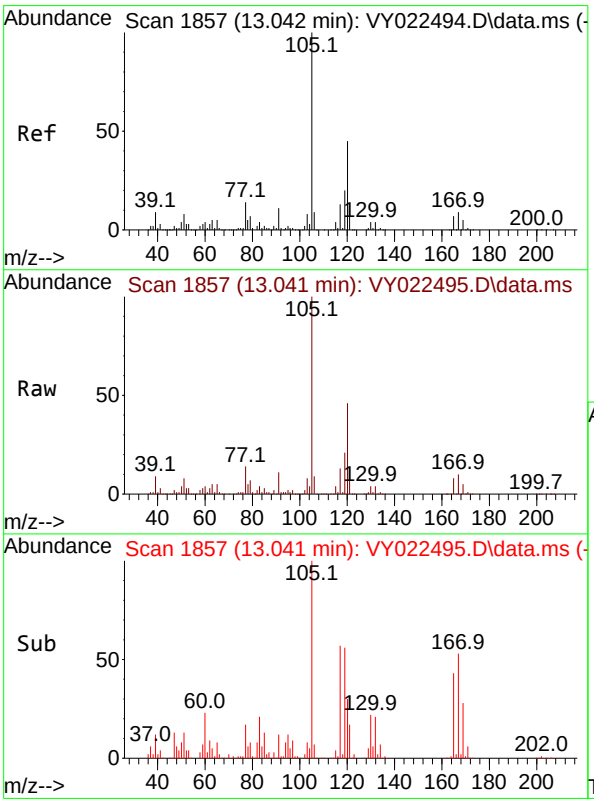
#83
tert-Butylbenzene
Concen: 102.740 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 886942

Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.1	96.3
134	25.9	13.0	38.9

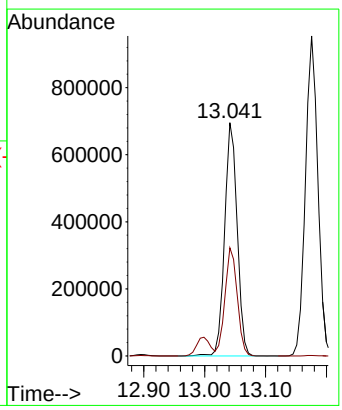


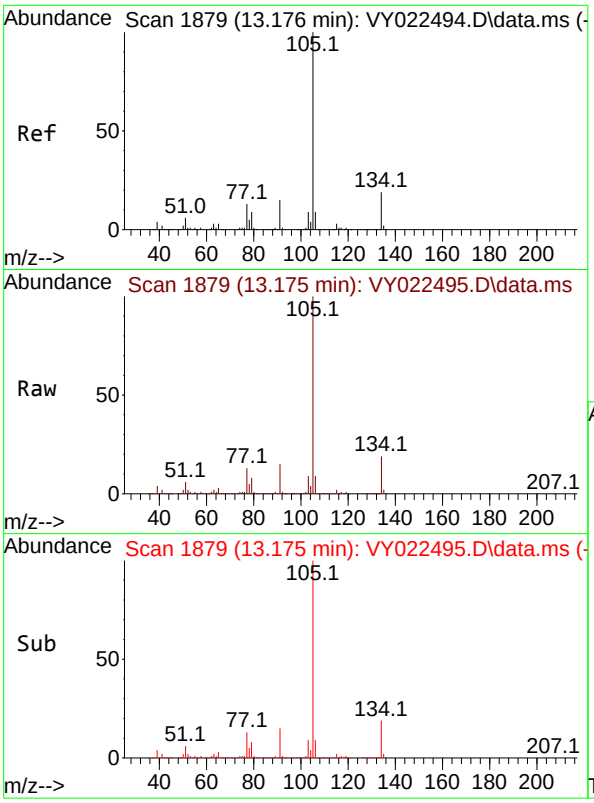


#84
1,2,4-Trimethylbenzene
Concen: 104.854 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:105 Resp: 992770

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



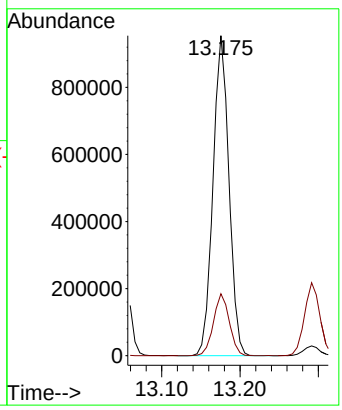


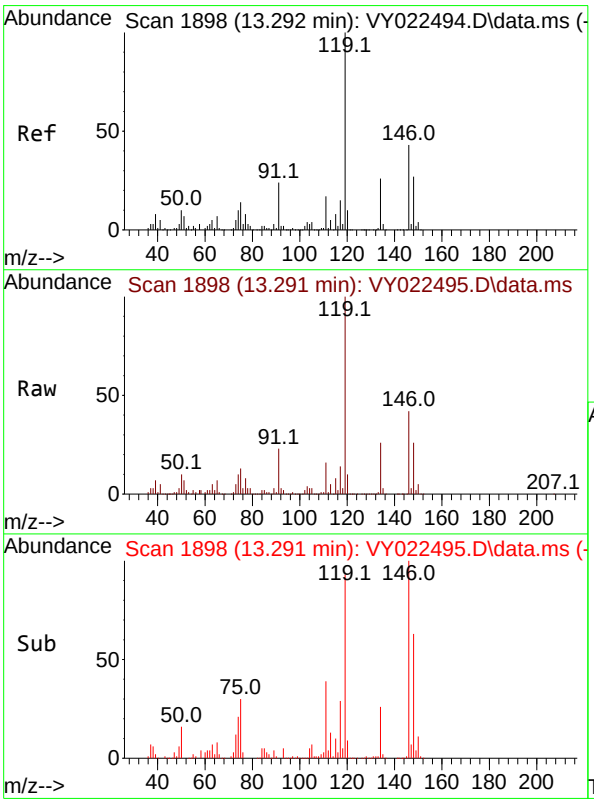
#85
sec-Butylbenzene
Concen: 103.006 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1348209

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

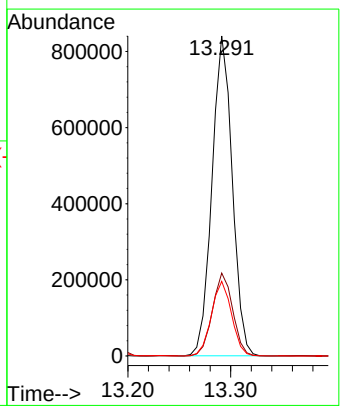


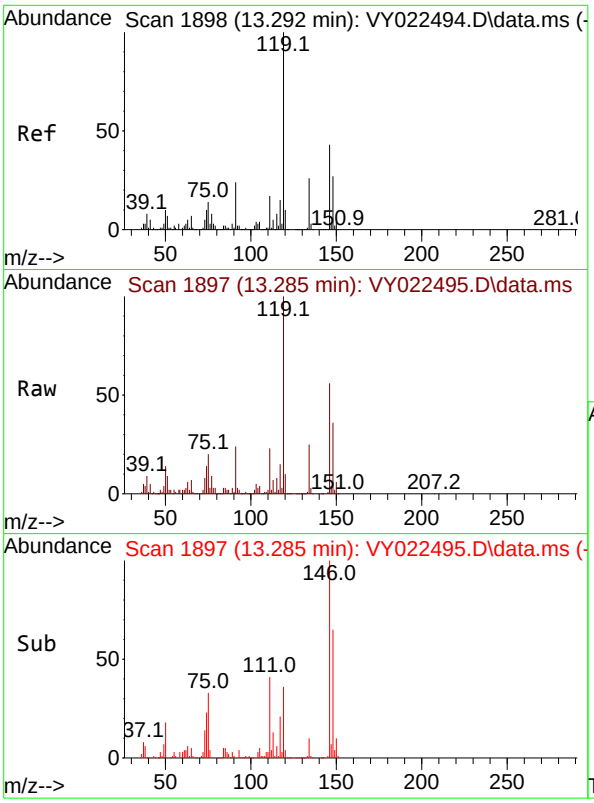


#86
p-Isopropyltoluene
Concen: 106.760 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:119 Resp: 1148821

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	23.2	11.6	34.8



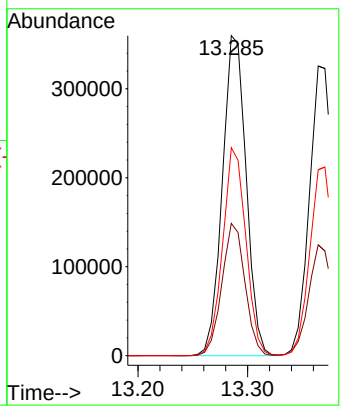


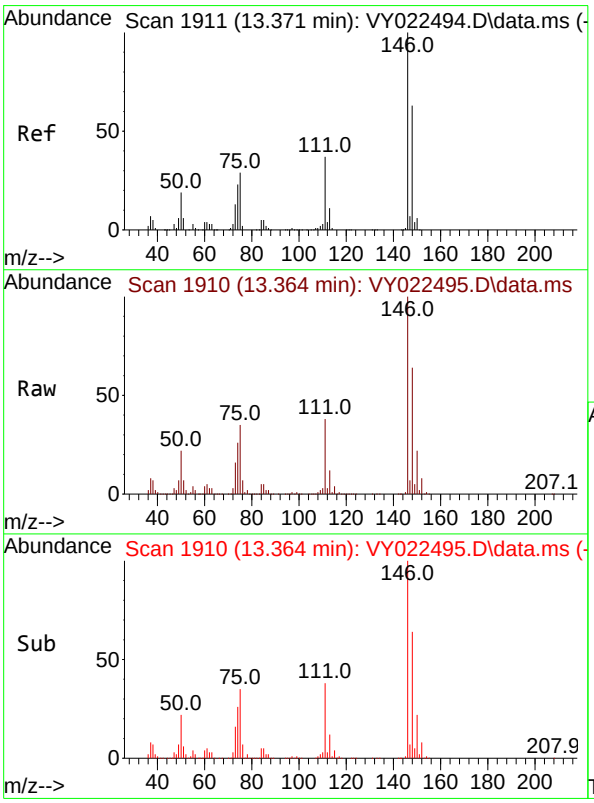
#87
1,3-Dichlorobenzene
Concen: 105.879 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 543396

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	63.4	32.1	96.3

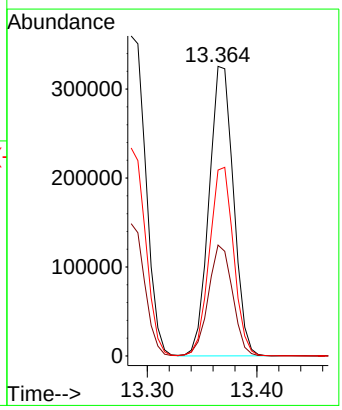


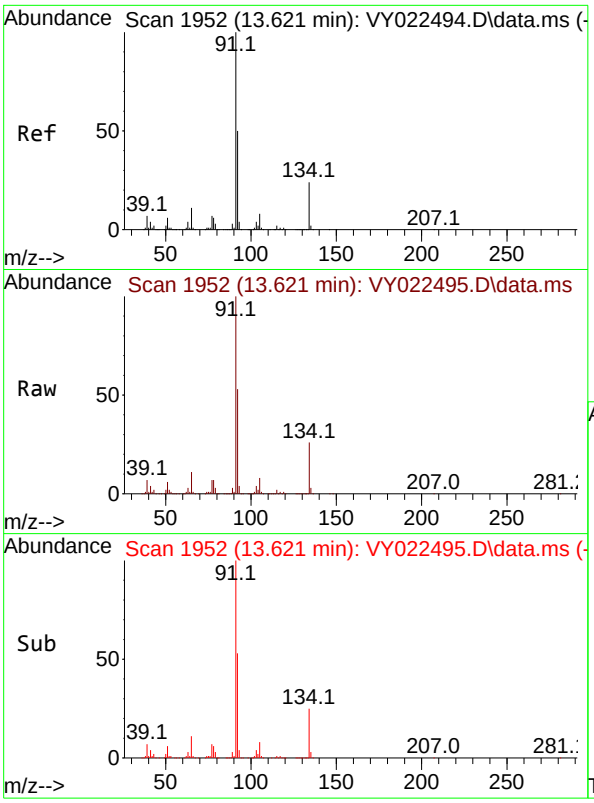


#88
1,4-Dichlorobenzene
Concen: 100.757 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:146 Resp: 503842

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	64.7	31.6	94.8



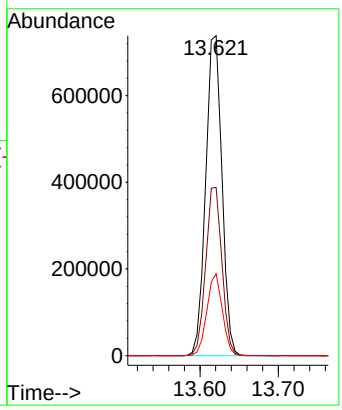


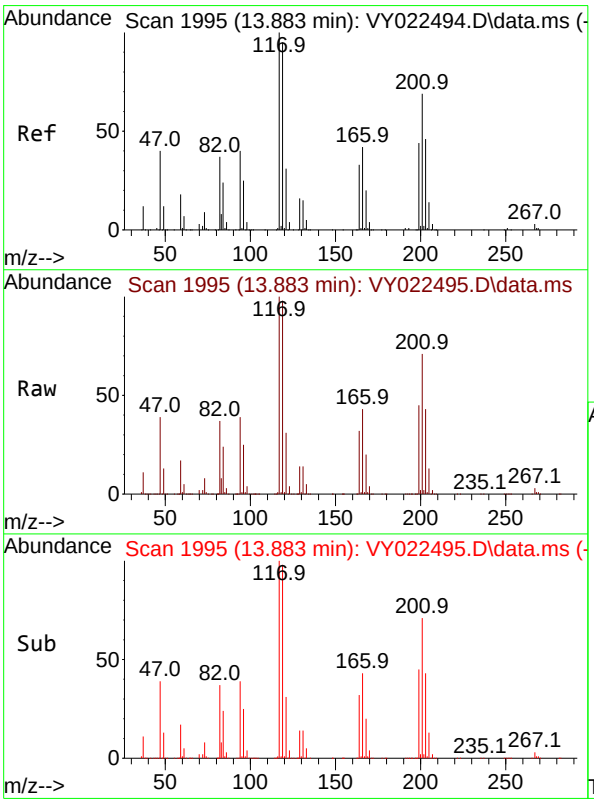
#89
n-Butylbenzene
Concen: 103.713 ug/l
RT: 13.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1062595

Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	24.4	12.0	36.1

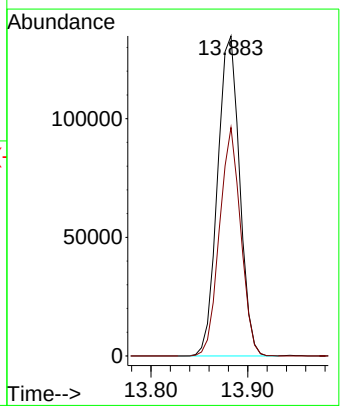


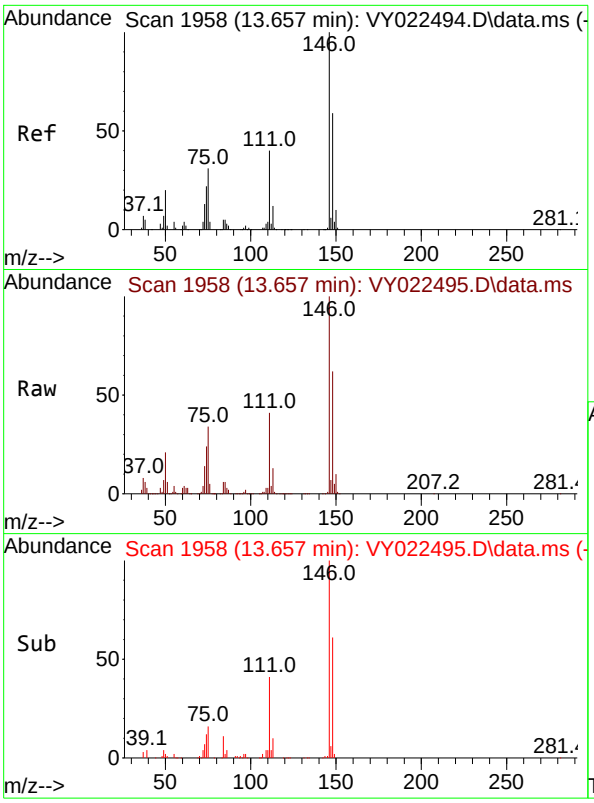


#90
Hexachloroethane
Concen: 101.224 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:117 Resp: 213148

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.0	102.0



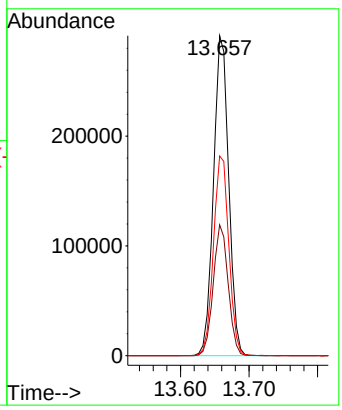


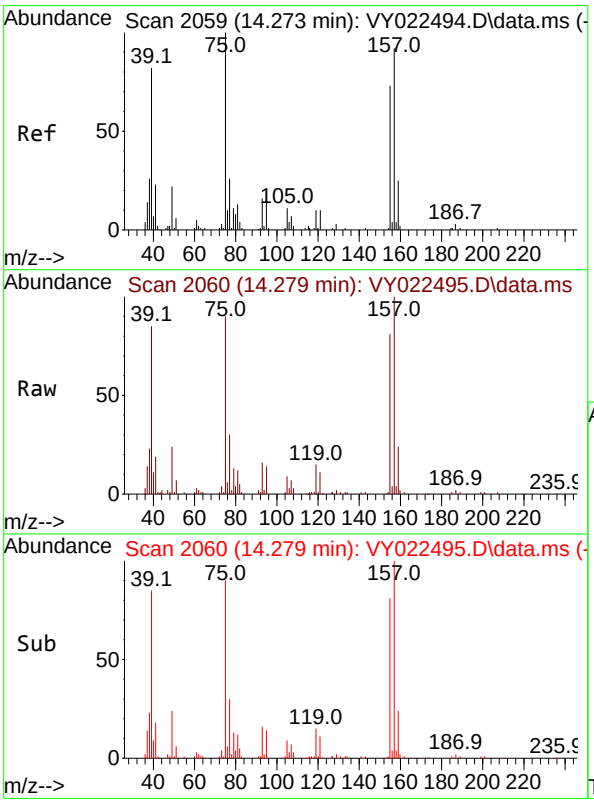
#91
1,2-Dichlorobenzene
Concen: 101.511 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 447574

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.2	31.4	94.0

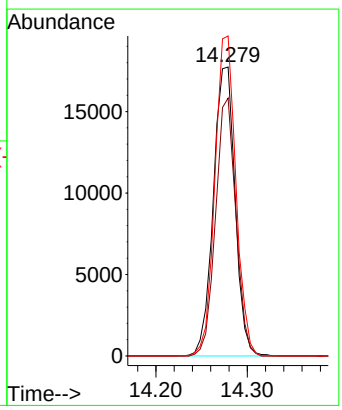


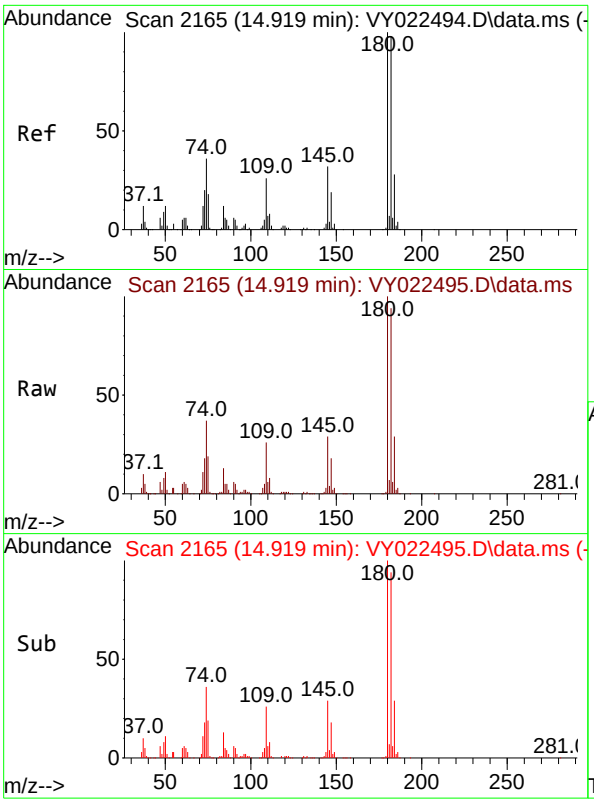


#92
1,2-Dibromo-3-Chloropropane
Concen: 98.805 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion: 75 Resp: 29357

Ion	Ratio	Lower	Upper
75	100		
155	83.2	39.9	119.6
157	106.6	54.0	162.0



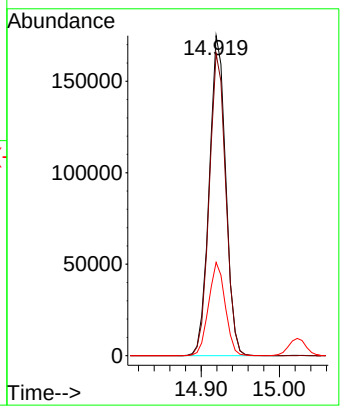


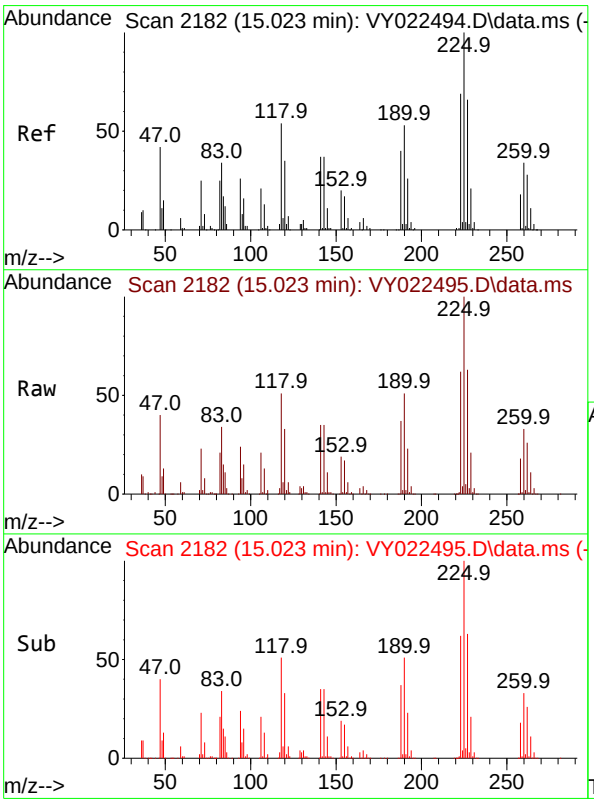
#93
1,2,4-Trichlorobenzene
Concen: 106.117 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 255752

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.3
145	29.3	15.5	46.5

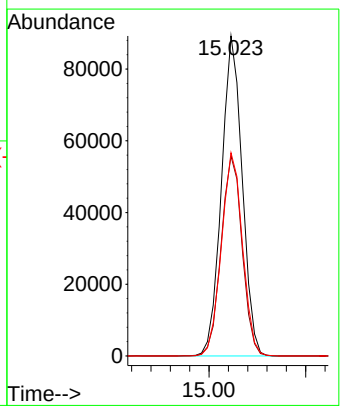


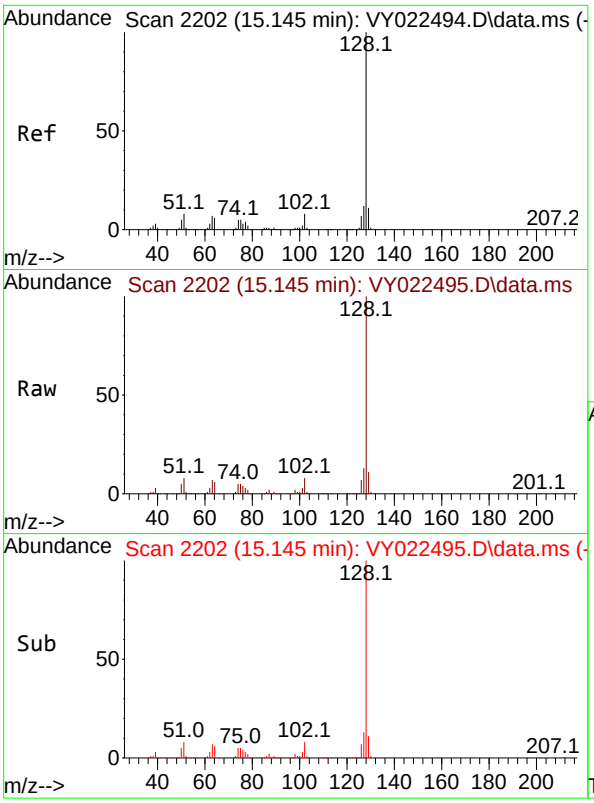


#94
Hexachlorobutadiene
Concen: 100.622 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:225 Resp: 132452

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.5	97.4
227	64.6	32.3	96.9



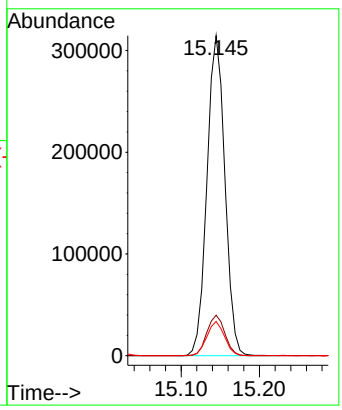


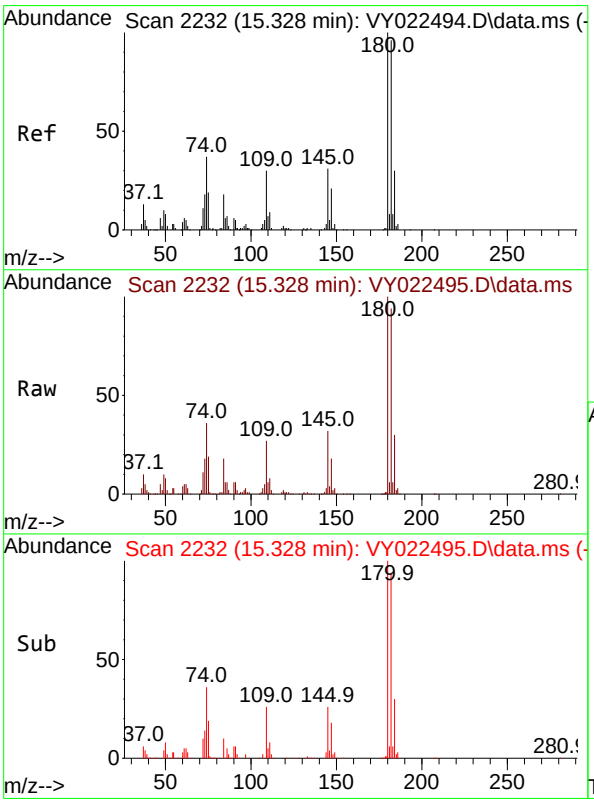
#95
Naphthalene
Concen: 108.155 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 499554

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.6	8.9	13.3

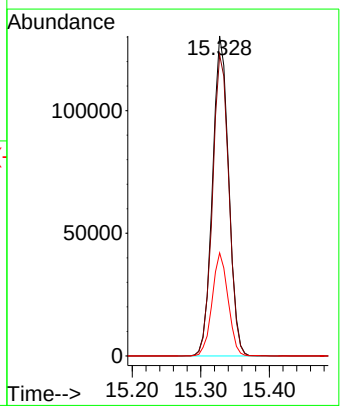




#96
1,2,3-Trichlorobenzene
Concen: 104.136 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022495.D
Acq: 02 Jun 2025 13:17

Tgt Ion:180 Resp: 213300

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	31.7	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	377706	154.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.160%#			
35) Dibromofluoromethane	7.634	113	348038	160.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 321.320%#			
50) Toluene-d8	10.109	98	1432587	163.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 327.240%#			
62) 4-Bromofluorobenzene	12.408	95	426573	160.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 321.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	273817	139.086	ug/l	96
3) Chloromethane	2.068	50	800733	137.873	ug/l	99
4) Vinyl Chloride	2.202	62	967746	142.366	ug/l	99
5) Bromomethane	2.586	94	970833	150.991	ug/l	99
6) Chloroethane	2.733	64	651603	140.013	ug/l	95
7) Trichlorofluoromethane	3.050	101	885391	153.303	ug/l	98
8) Diethyl Ether	3.458	74	191391	150.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	360800	148.929	ug/l	100
10) Methyl Iodide	4.007	142	416014	160.129	ug/l	100
11) Tert butyl alcohol	4.879	59	128018	731.071	ug/l	100
12) 1,1-Dichloroethene	3.793	96	353193	152.730	ug/l	98
13) Acrolein	3.653	56	156417	731.778	ug/l	100
14) Allyl chloride	4.385	41	551896	153.152	ug/l	100
15) Acrylonitrile	5.061	53	406745	749.634	ug/l	99
16) Acetone	3.879	43	311886	643.577	ug/l	95
17) Carbon Disulfide	4.104	76	1126077	152.513	ug/l	99
18) Methyl Acetate	4.391	43	203507	139.589	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	988071	153.134	ug/l	99
20) Methylene Chloride	4.616	84	371818	137.416	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	399937	154.808	ug/l	99
22) Diisopropyl ether	6.025	45	1244804	155.346	ug/l	99
23) Vinyl Acetate	5.964	43	3806024	800.629	ug/l	100
24) 1,1-Dichloroethane	5.921	63	730276	154.173	ug/l	100
25) 2-Butanone	6.896	43	530692	742.386	ug/l	99
26) 2,2-Dichloropropane	6.890	77	664024	157.698	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	466804	156.334	ug/l	98
28) Bromochloromethane	7.250	49	320509	156.605	ug/l	100
29) Tetrahydrofuran	7.268	42	342435	742.566	ug/l	100
30) Chloroform	7.421	83	717477	153.285	ug/l	94
31) Cyclohexane	7.701	56	667836	140.095	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	660456	157.892	ug/l	99
36) 1,1-Dichloropropene	7.841	75	562935	160.756	ug/l	100
37) Ethyl Acetate	6.988	43	238966	155.059	ug/l	98
38) Carbon Tetrachloride	7.823	117	593167	164.311	ug/l	99
39) Methylcyclohexane	9.109	83	770382	162.851	ug/l	100
40) Benzene	8.085	78	1675603	162.332	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	136495	137.523	ug/l		98
42) 1,2-Dichloroethane	8.158	62	442216	157.491	ug/l		98
43) Isopropyl Acetate	8.201	43	522842	155.250	ug/l		98
44) Trichloroethene	8.866	130	394832	156.583	ug/l		97
45) 1,2-Dichloropropane	9.140	63	385206	156.539	ug/l		99
46) Dibromomethane	9.231	93	218014	158.140	ug/l		100
47) Bromodichloromethane	9.426	83	560425	160.221	ug/l		97
48) Methyl methacrylate	9.225	41	252724	163.897	ug/l		99
49) 1,4-Dioxane	9.231	88	50874	3093.301	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	1358512	812.744	ug/l		98
52) Toluene	10.170	92	1093200	168.447	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	537922	166.237	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	615667	162.259	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	274460	158.086	ug/l		97
56) Ethyl methacrylate	10.438	69	423233	167.865	ug/l		99
57) 1,3-Dichloropropane	10.719	76	488570	158.010	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1000760	890.345	ug/l		100
59) 2-Hexanone	10.762	43	896627	804.699	ug/l		100
60) Dibromochloromethane	10.914	129	356873	162.227	ug/l		100
61) 1,2-Dibromoethane	11.018	107	254128	158.625	ug/l		96
64) Tetrachloroethene	10.646	164	406758	152.453	ug/l		98
65) Chlorobenzene	11.444	112	1113347	163.544	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	395046	171.190	ug/l		99
67) Ethyl Benzene	11.518	91	2196819	173.285	ug/l		100
68) m/p-Xylenes	11.627	106	1694177	353.103	ug/l		100
69) o-Xylene	11.957	106	777688	173.188	ug/l		99
70) Styrene	11.969	104	1334986	179.564	ug/l		99
71) Bromoform	12.133	173	201469	166.138	ug/l	#	99
73) Isopropylbenzene	12.255	105	2011262	166.060	ug/l		100
74) N-amyl acetate	12.072	43	508301	165.957	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	310641	157.927	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	444562	224.014	ug/l	#	100
77) Bromobenzene	12.530	156	417122	162.489	ug/l		100
78) n-propylbenzene	12.597	91	2416013	163.876	ug/l		98
79) 2-Chlorotoluene	12.682	91	1275581	163.862	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1576906	166.511	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	111432	160.989	ug/l		96
82) 4-Chlorotoluene	12.780	91	1334965	165.467	ug/l		99
83) tert-Butylbenzene	12.999	119	1434641	166.064	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1623289	171.323	ug/l		99
85) sec-Butylbenzene	13.176	105	2140445	163.415	ug/l		100
86) p-Isopropyltoluene	13.292	119	1877539	174.353	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	885058	172.326	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	803022	160.470	ug/l		99
89) n-Butylbenzene	13.615	91	1691118	164.939	ug/l		99
90) Hexachloroethane	13.877	117	338845	160.801	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	705129	159.809	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	44514	149.709	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	390170	161.773	ug/l		97
94) Hexachlorobutadiene	15.023	225	199423	151.389	ug/l		98
95) Naphthalene	15.145	128	753279	162.970	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	321960	157.072	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration

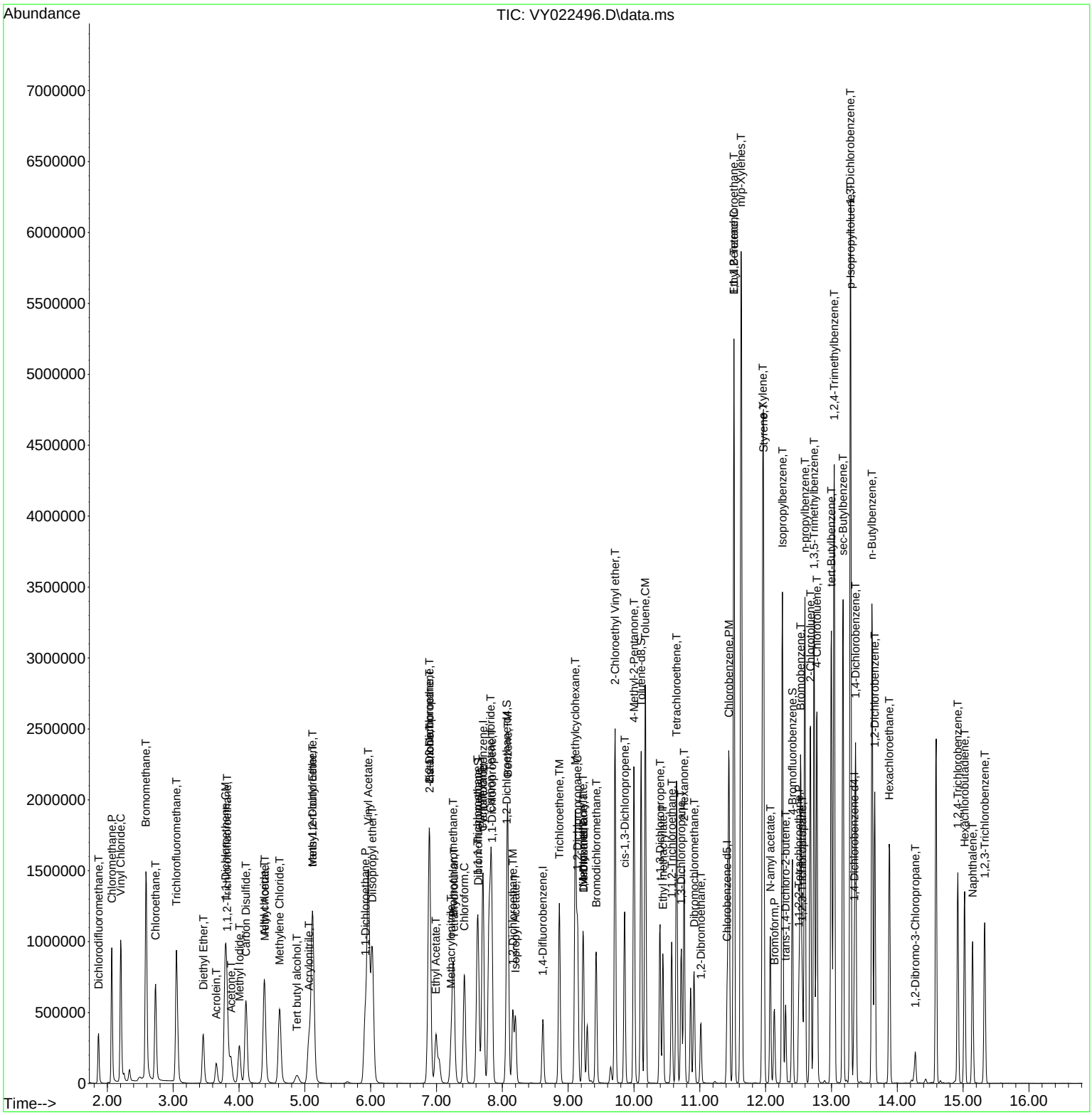
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

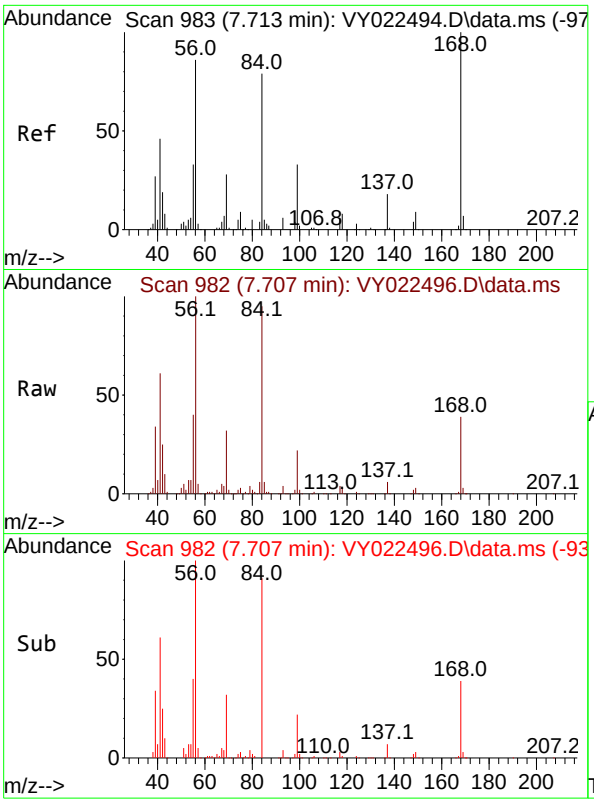
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022496.D
Acq On : 02 Jun 2025 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Jun 03 02:57:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 02:50:07 2025
Response via : Initial Calibration



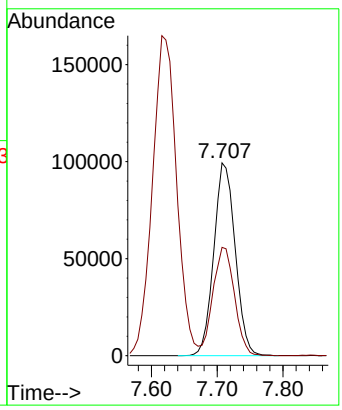


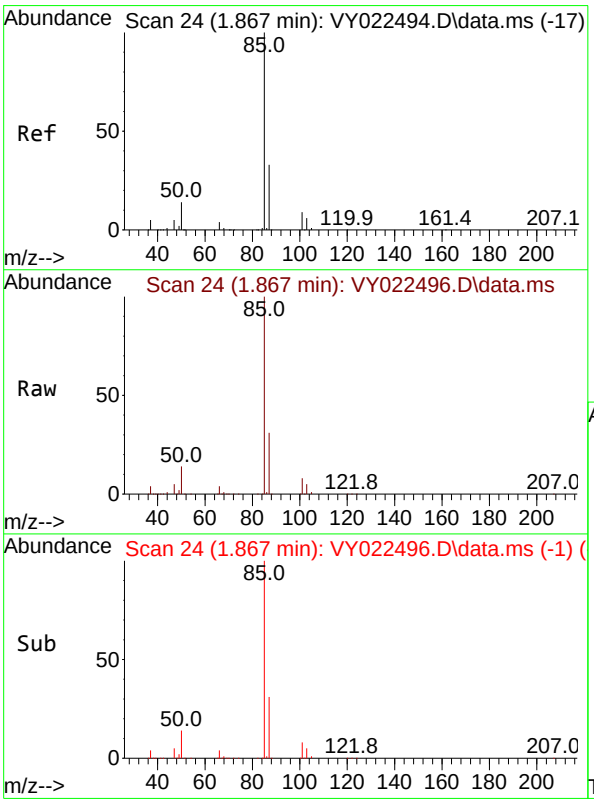
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 225293

Ion	Ratio	Lower	Upper
168	100		
99	56.1	44.3	66.5

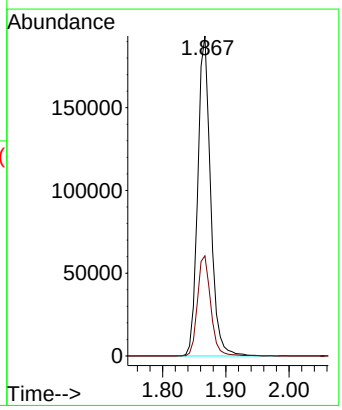


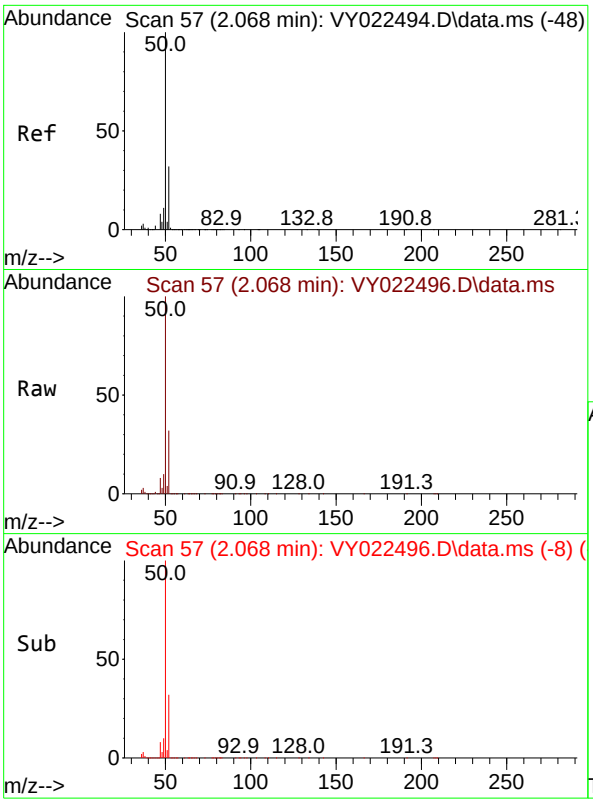


#2
Dichlorodifluoromethane
Concen: 139.086 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 85 Resp: 273817

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.0



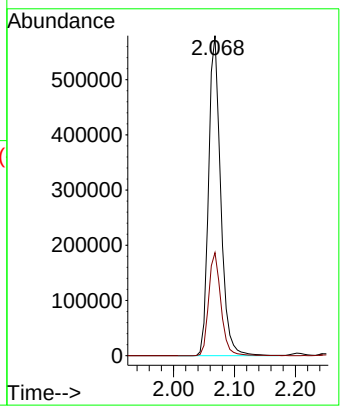


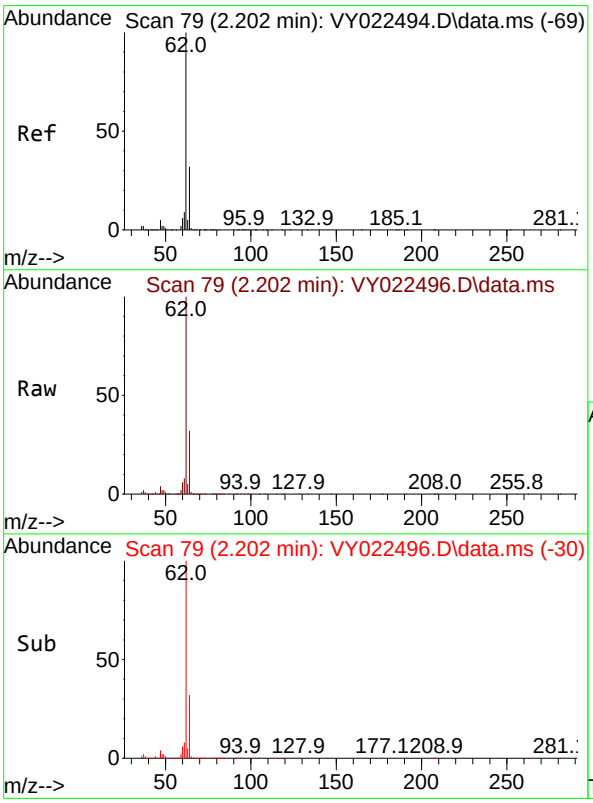
#3
Chloromethane
Concen: 137.873 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 800733

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.0	39.0

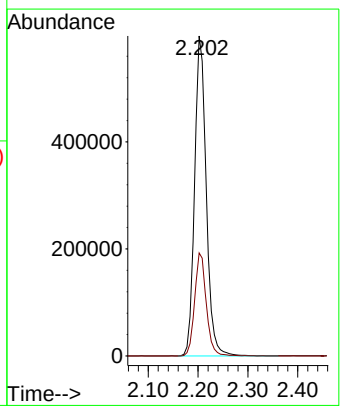


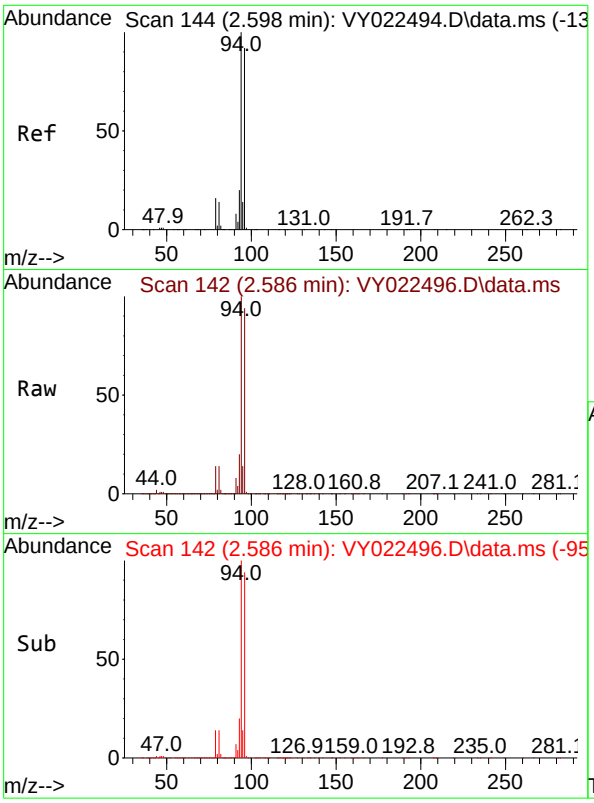


#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 967746

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.3	37.9



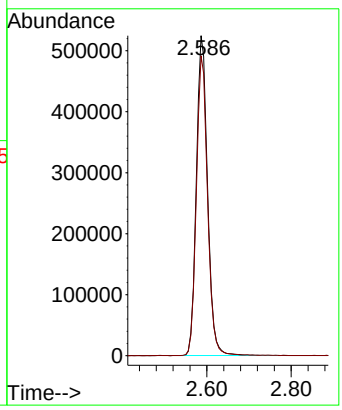


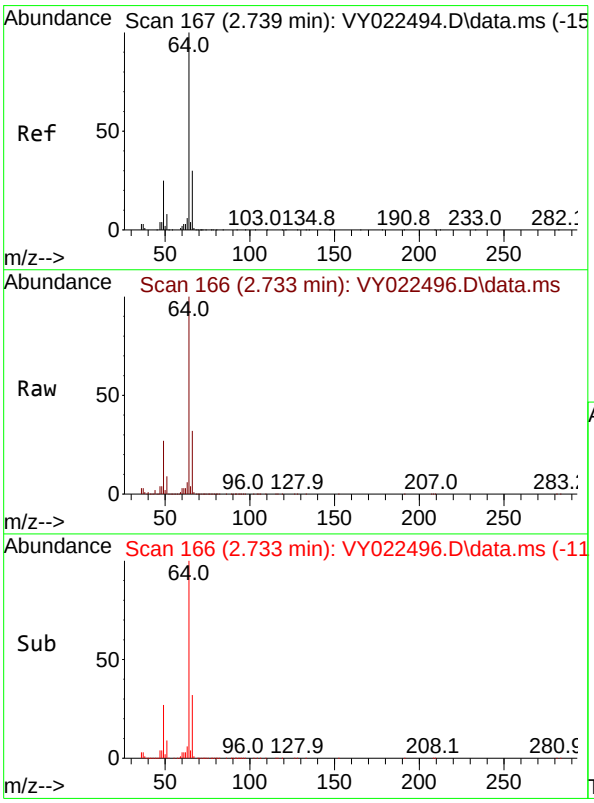
#5
Bromomethane
Concen: 150.991 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 970833

Ion	Ratio	Lower	Upper
94	100		
96	93.7	74.0	111.0

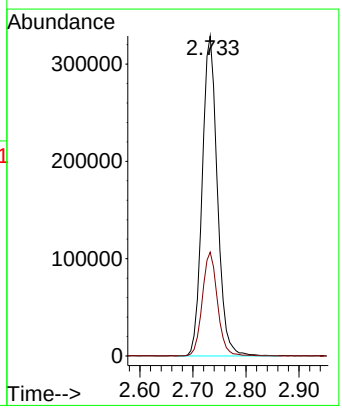


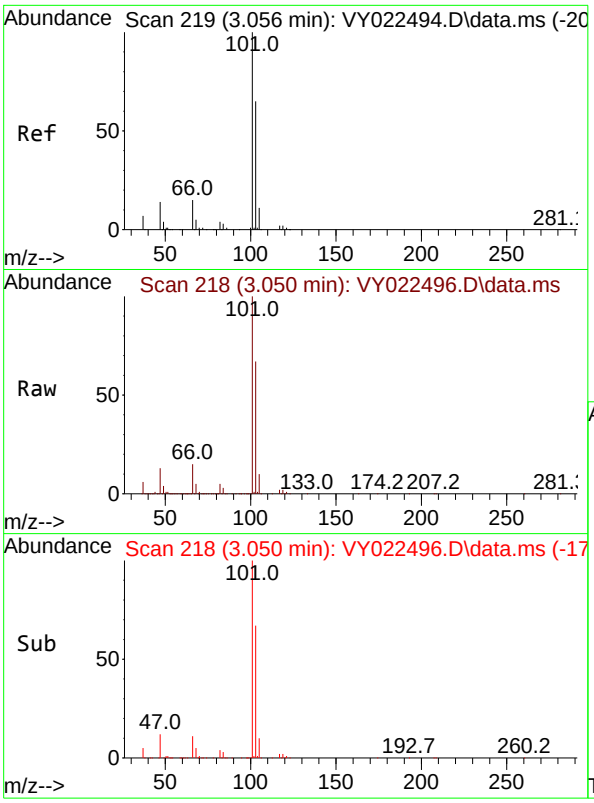


#6
Chloroethane
Concen: 140.013 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 64 Resp: 651603

Ion	Ratio	Lower	Upper
64	100		
66	32.4	23.8	35.6



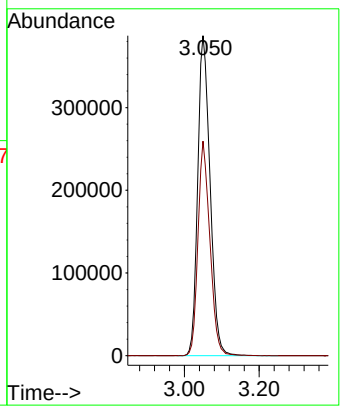


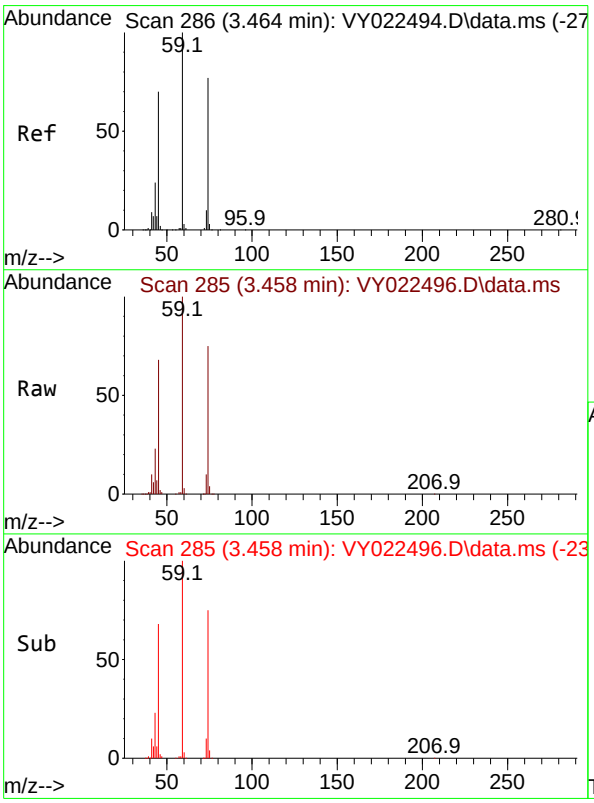
#7
Trichlorofluoromethane
Concen: 153.303 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 885391

Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.2	78.2

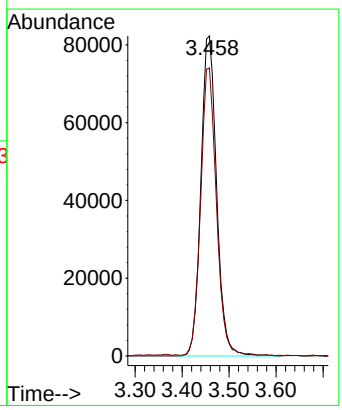


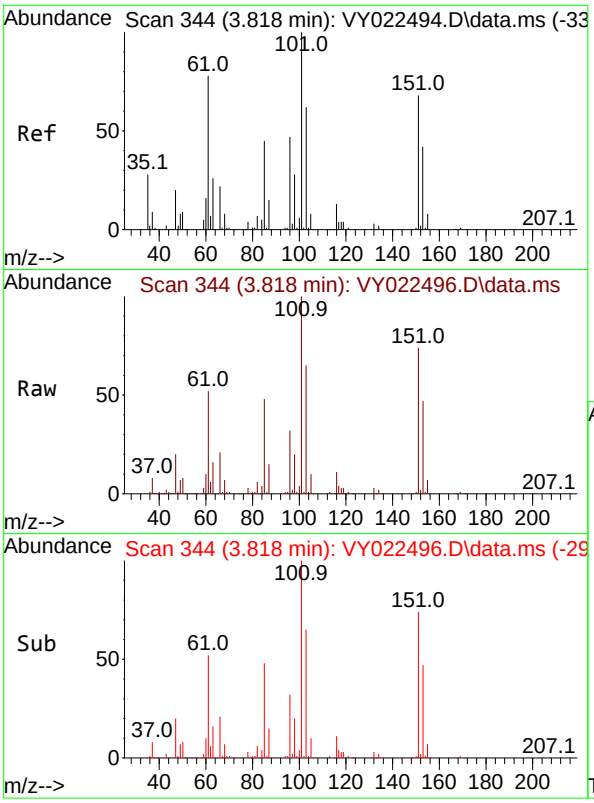


#8
Diethyl Ether
Concen: 150.036 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 74 Resp: 191391

Ion	Ratio	Lower	Upper
74	100		
45	89.8	45.9	137.6



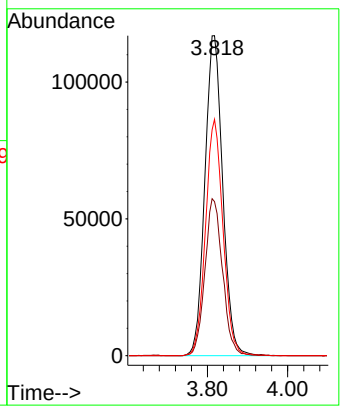


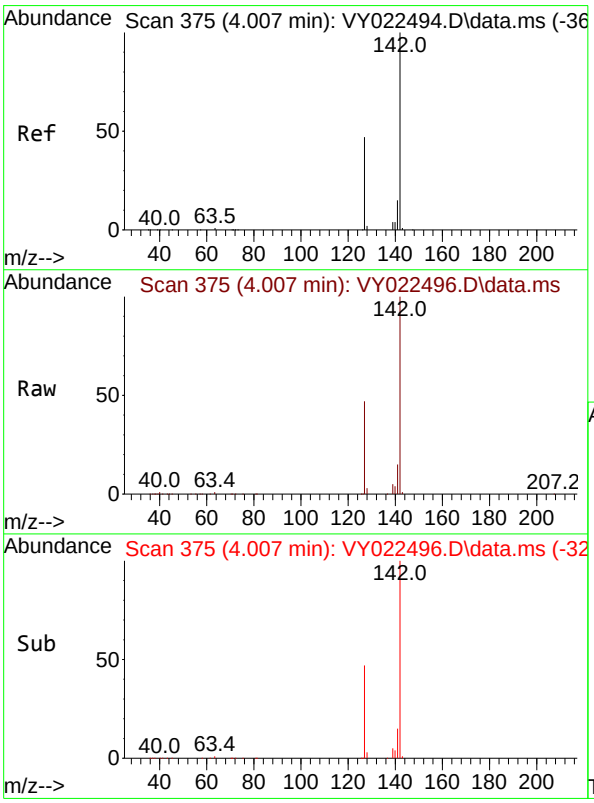
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.929 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 360800

Ion	Ratio	Lower	Upper
101	100		
85	48.7	39.3	58.9
151	72.4	57.8	86.8

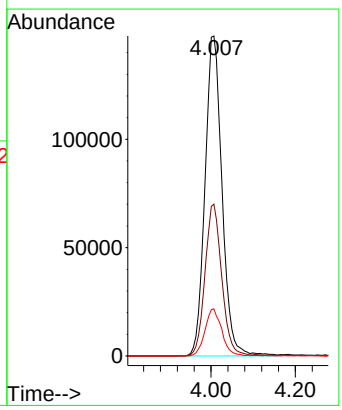


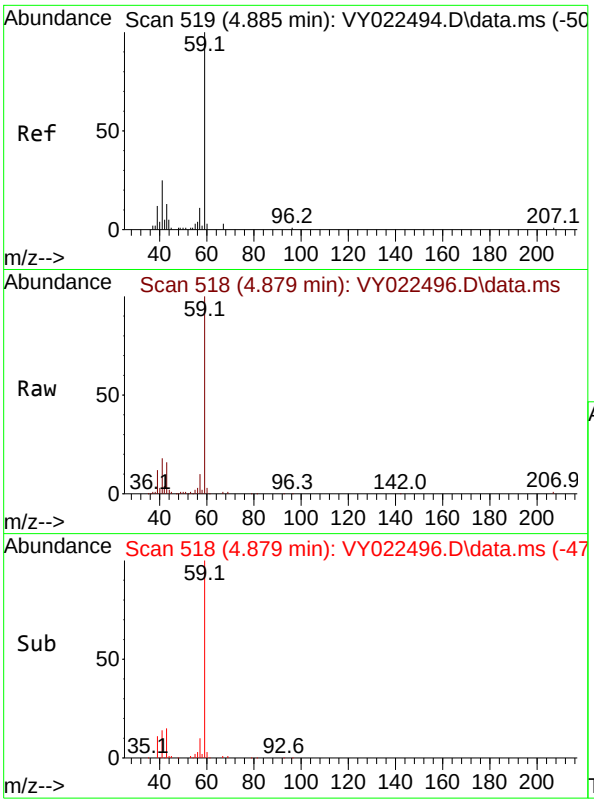


#10
Methyl Iodide
Concen: 160.129 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:142 Resp: 416014

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.6	11.4	17.2



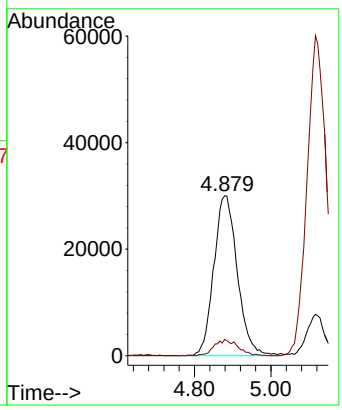


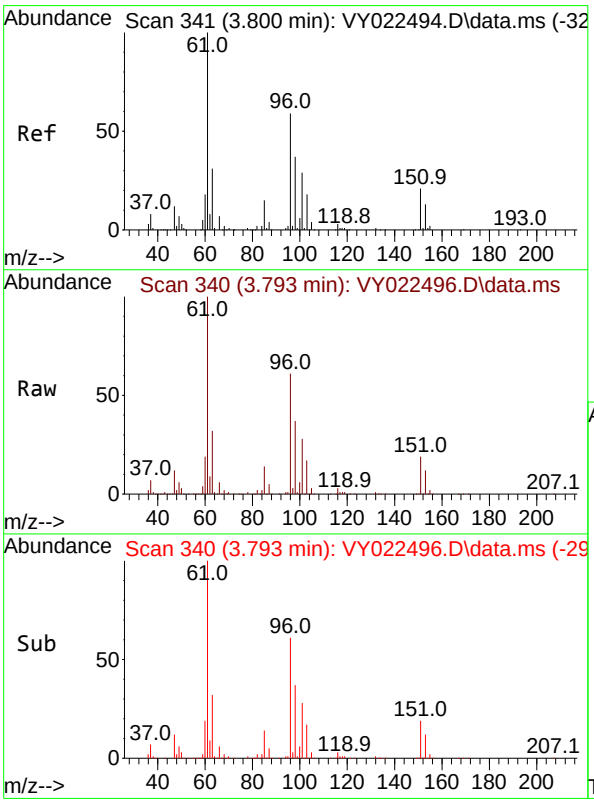
#11
Tert butyl alcohol
Concen: 731.071 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 128018

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

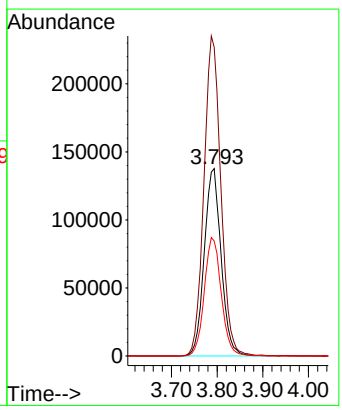


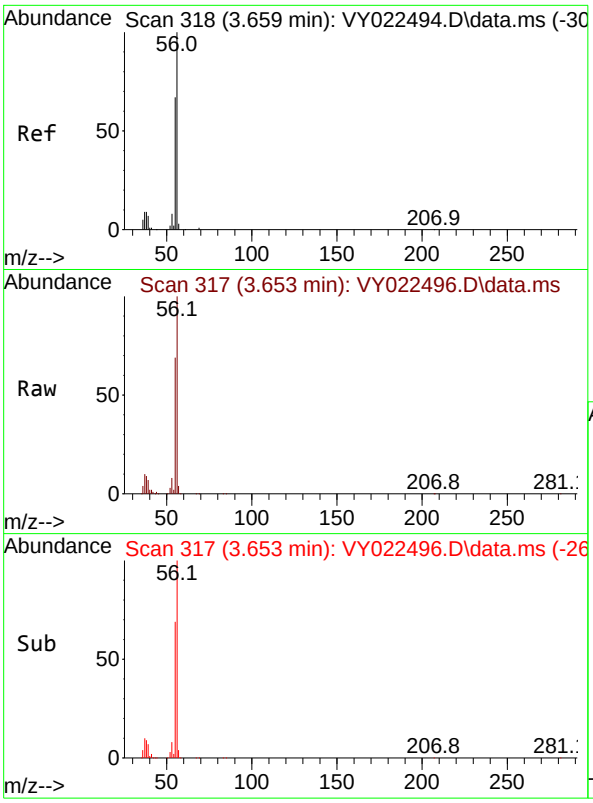


#12
1,1-Dichloroethene
Concen: 152.730 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 96 Resp: 353193

Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.6	201.8
98	61.3	50.2	75.4



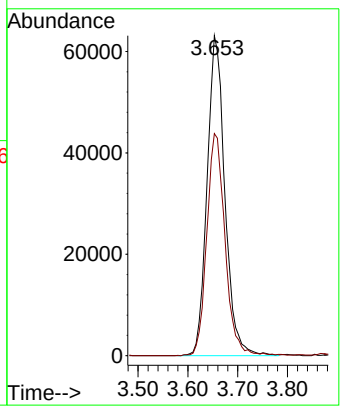


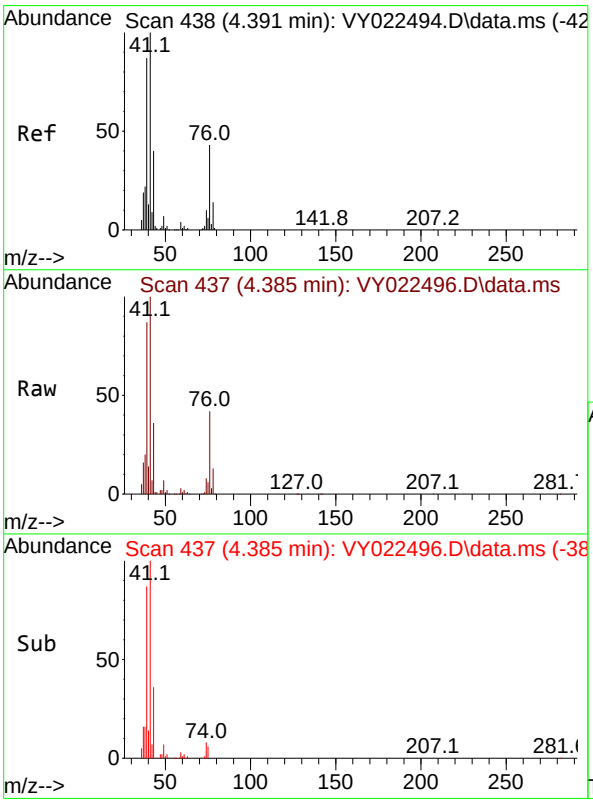
#13
Acrolein
Concen: 731.778 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 156417

Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.0	85.6

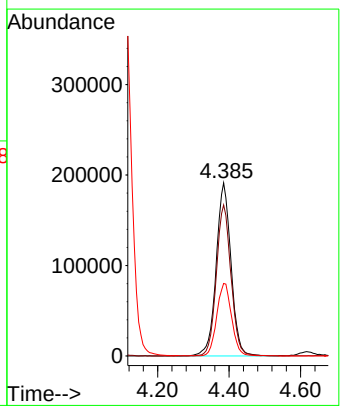


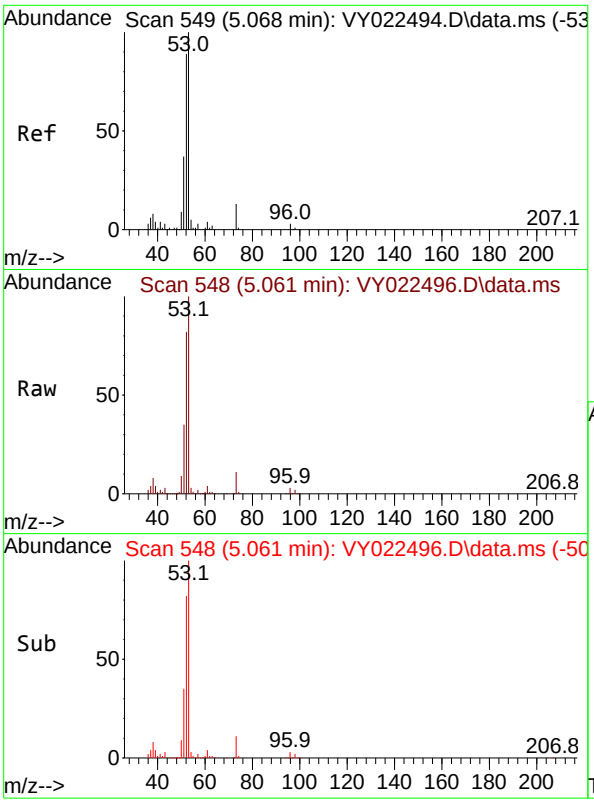


#14
Allyl chloride
Concen: 153.152 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 551896

Ion	Ratio	Lower	Upper
41	100		
39	86.2	69.1	103.7
76	41.5	33.5	50.3



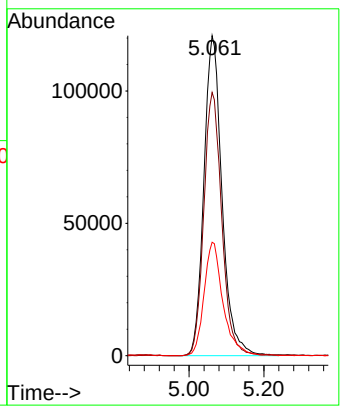


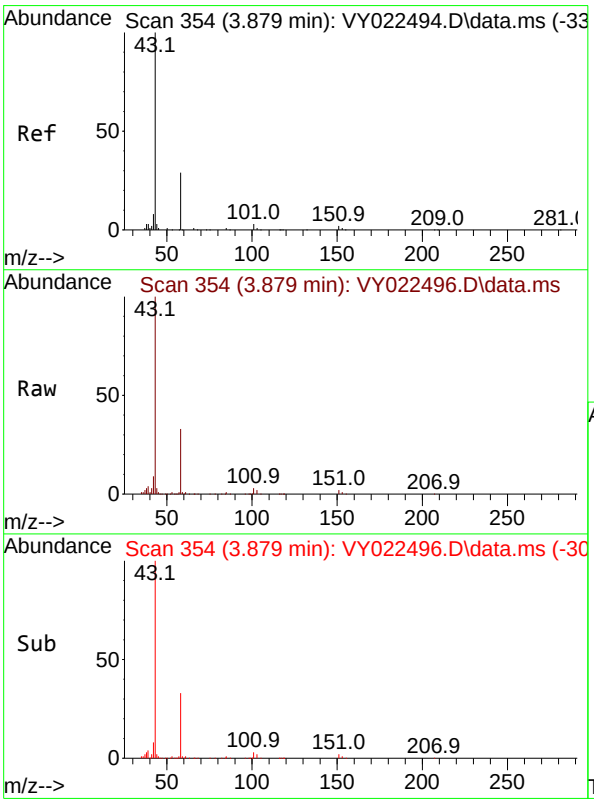
#15
Acrylonitrile
Concen: 749.634 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 406745

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.7	98.5
51	37.1	30.1	45.1

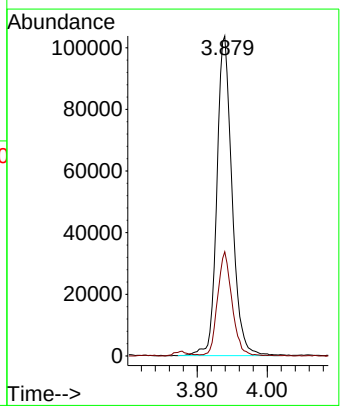


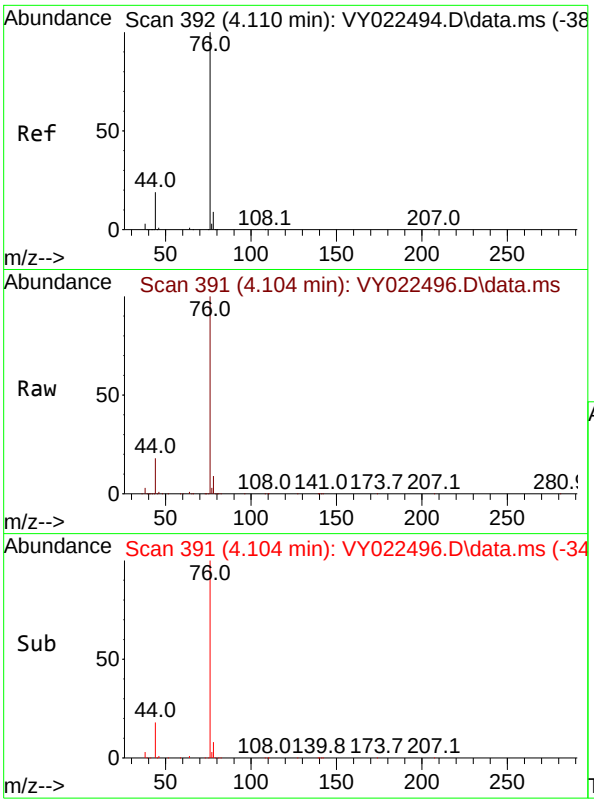


#16
Acetone
Concen: 643.577 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 311886

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.0	36.0



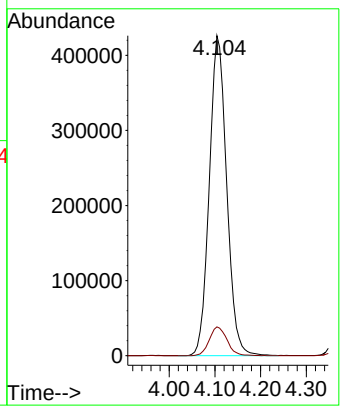


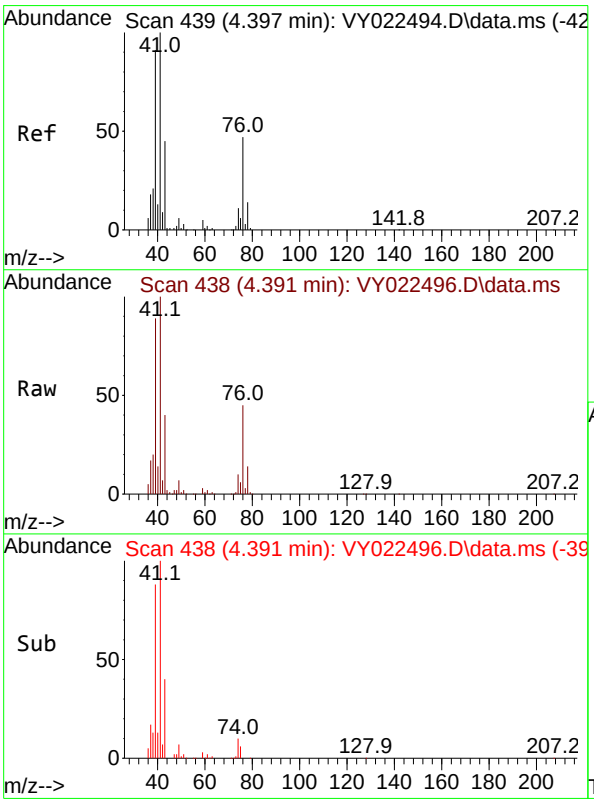
#17
Carbon Disulfide
Concen: 152.513 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 1126077

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

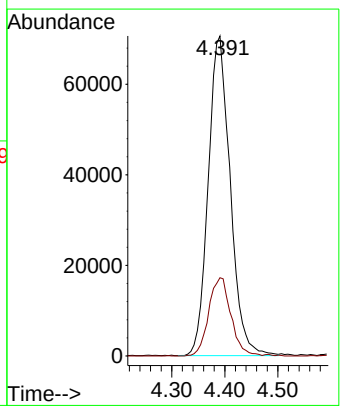


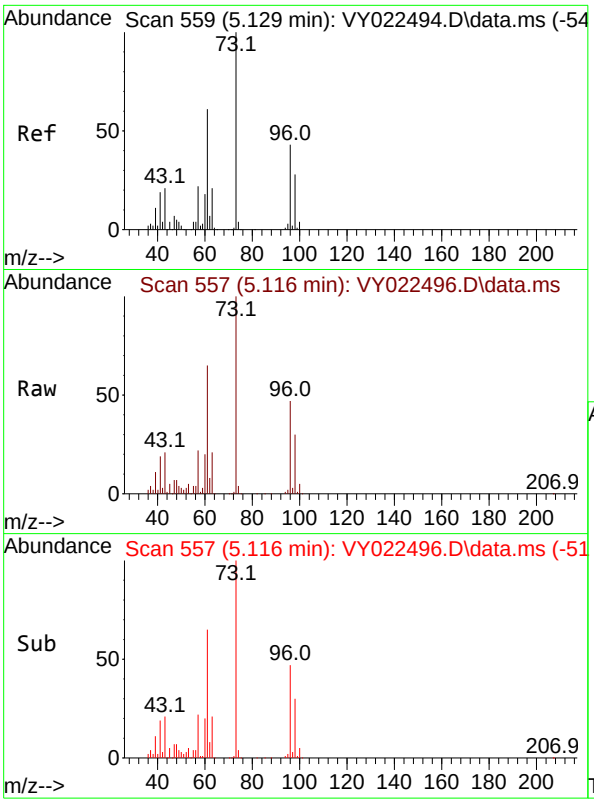


#18
Methyl Acetate
Concen: 139.589 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 203507

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6



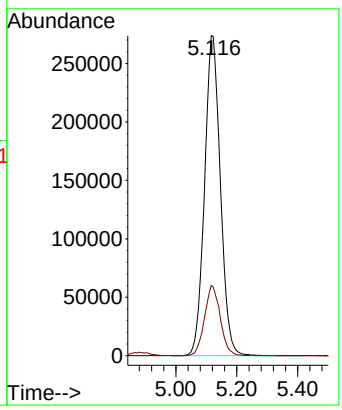


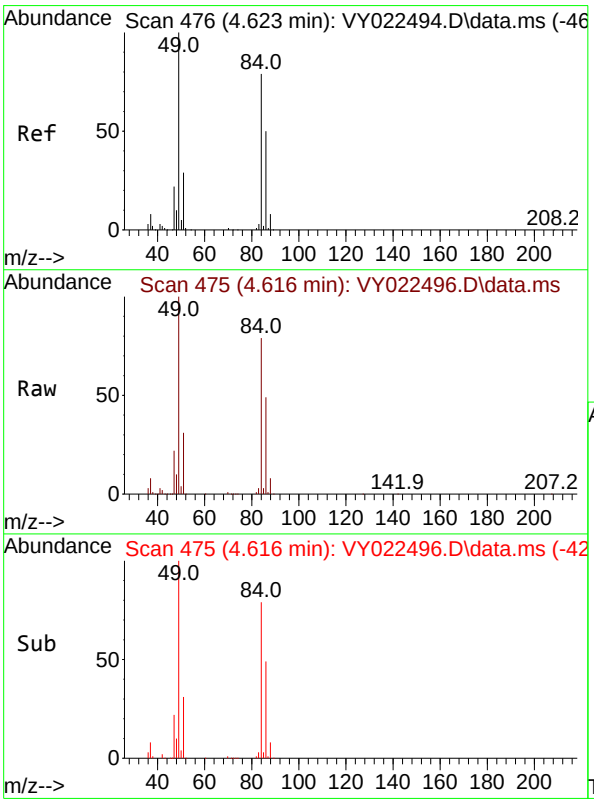
#19
Methyl tert-butyl Ether
Concen: 153.134 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 988071

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0

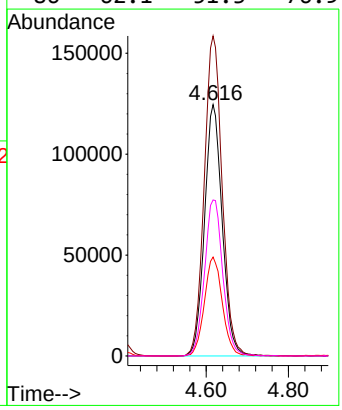


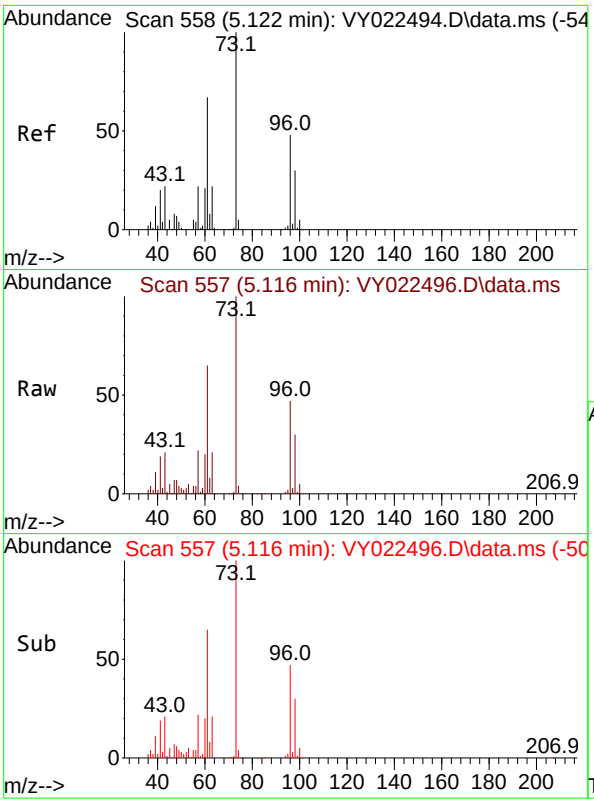


#20
Methylene Chloride
Concen: 137.416 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 84 Resp: 371818

Ion	Ratio	Lower	Upper
84	100		
49	127.3	101.9	152.9
51	39.4	29.8	44.8
86	62.1	51.3	76.9



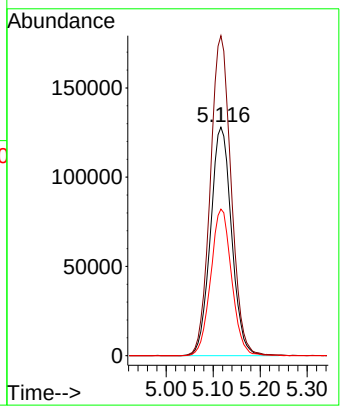


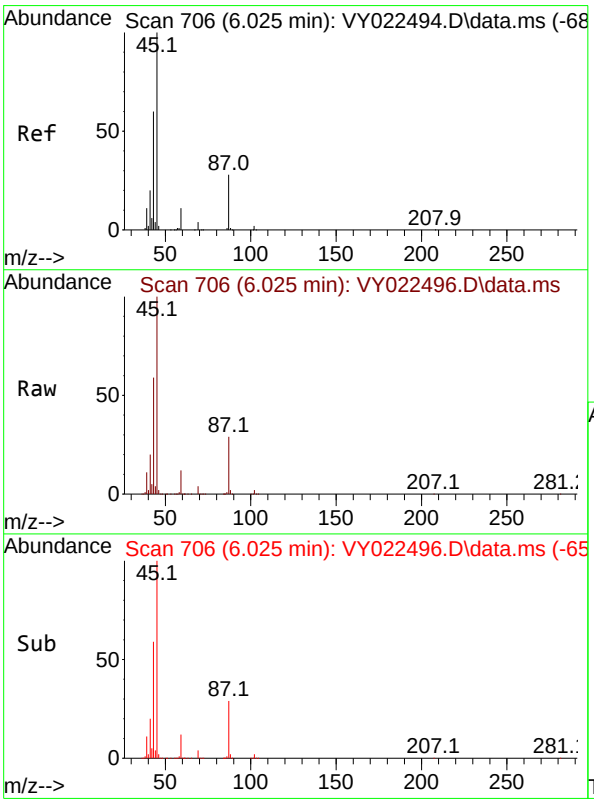
#21
trans-1,2-Dichloroethene
Concen: 154.808 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 399937

Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.6	169.0
98	64.1	50.6	75.8

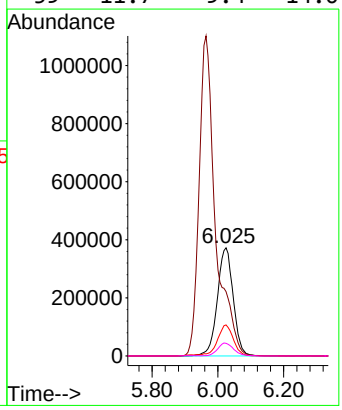


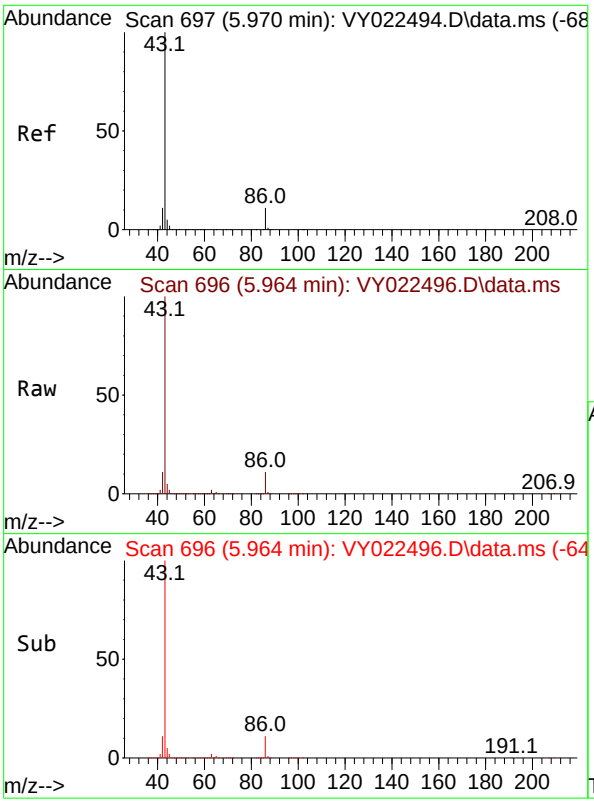


#22
Diisopropyl ether
Concen: 155.346 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 45 Resp: 1244804

Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.3	72.5
87	28.6	23.0	34.6
59	11.7	9.4	14.0



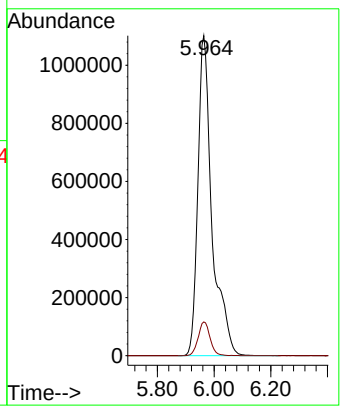


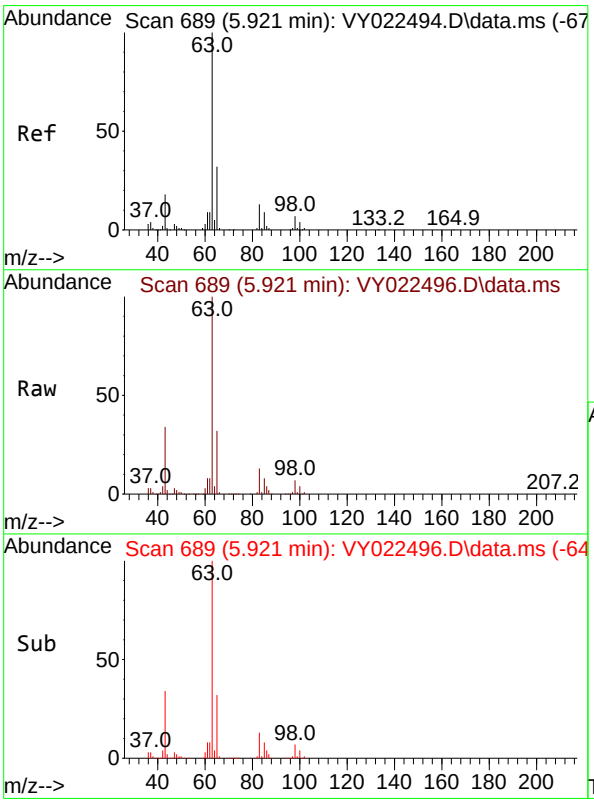
#23
Vinyl Acetate
Concen: 800.629 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 3806024

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8

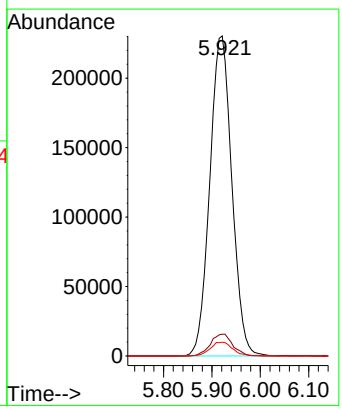


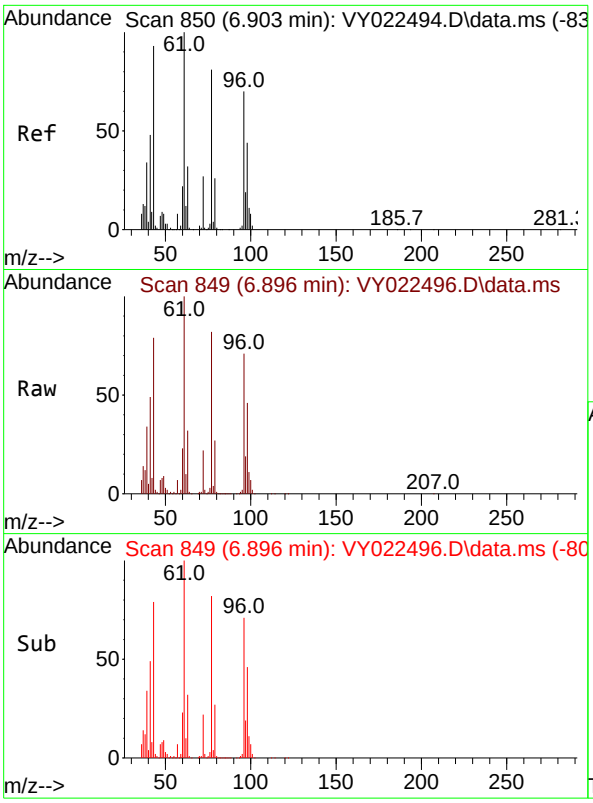


#24
1,1-Dichloroethane
Concen: 154.173 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 730276

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.3	2.1	6.3



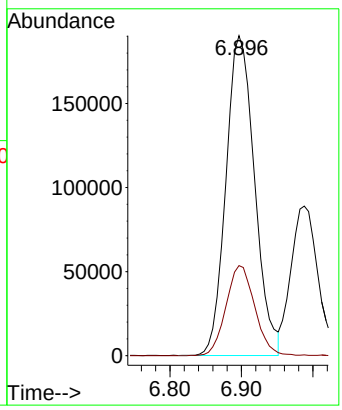


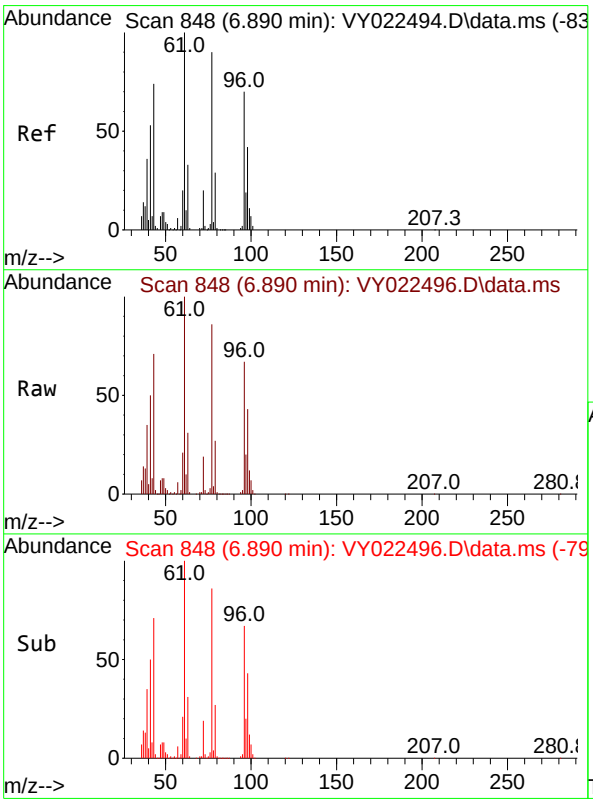
#25
2-Butanone
Concen: 742.386 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 530692

Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.9	34.3

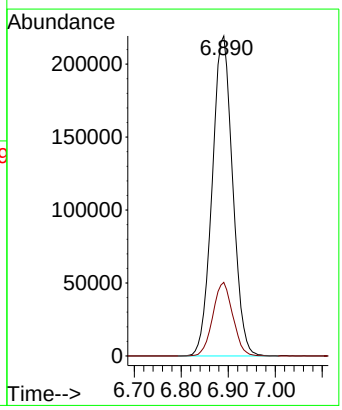


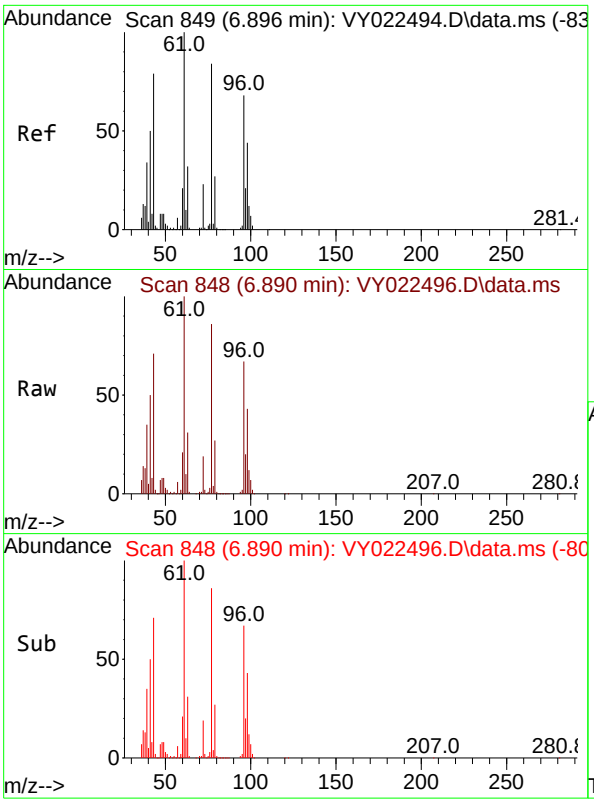


#26
2,2-Dichloropropane
Concen: 157.698 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 77 Resp: 664024

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2



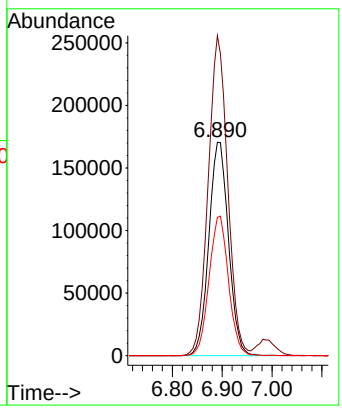


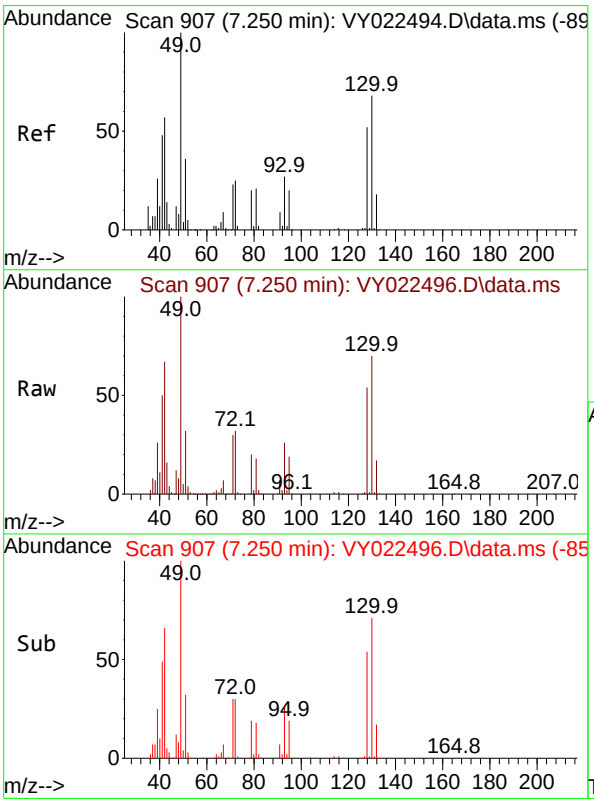
#27
cis-1,2-Dichloroethene
Concen: 156.334 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 466804

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	290.0
98	64.7	0.0	128.4

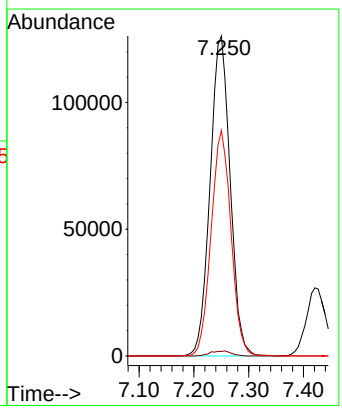


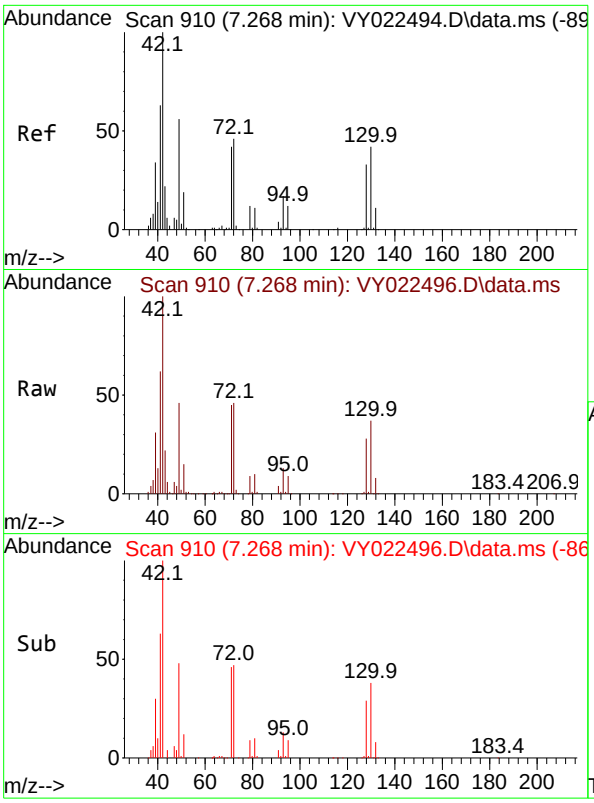


#28
Bromochloromethane
Concen: 156.605 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 49 Resp: 320509

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.8	55.7	83.5



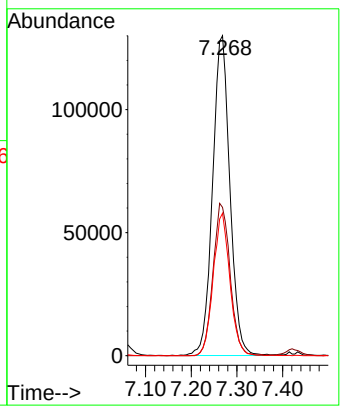


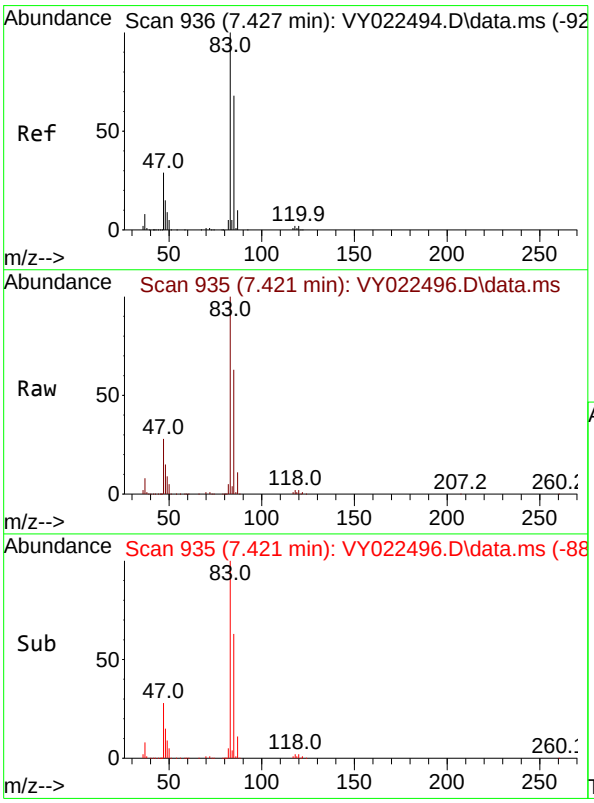
#29
Tetrahydrofuran
Concen: 742.566 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 342435

Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.4	56.2
71	42.9	34.2	51.2

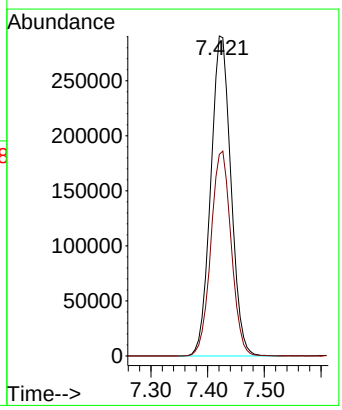


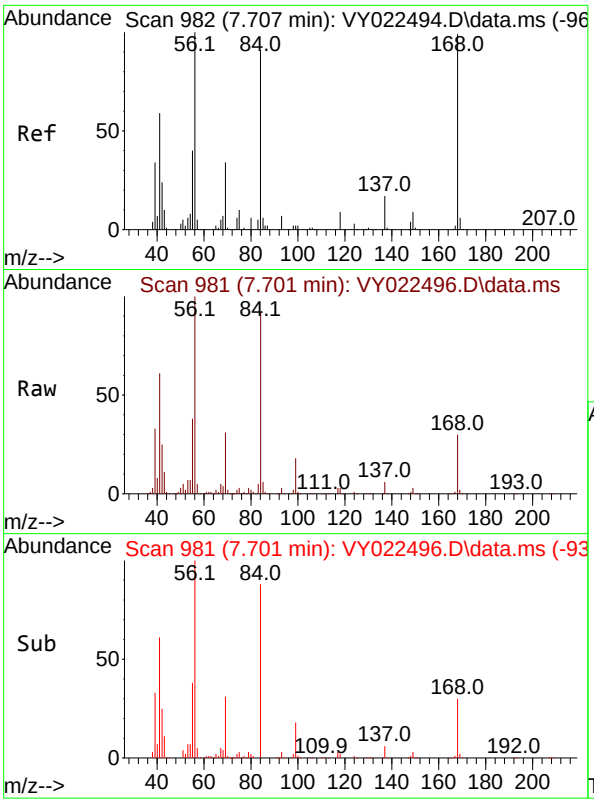


#30
Chloroform
Concen: 153.285 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 83 Resp: 717477

Ion	Ratio	Lower	Upper
83	100		
85	63.0	54.2	81.4



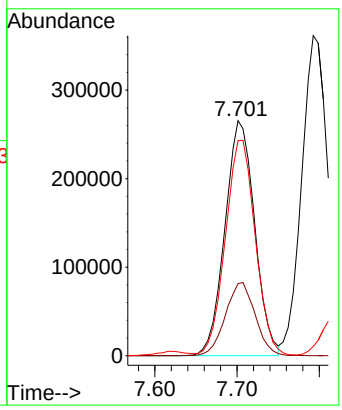


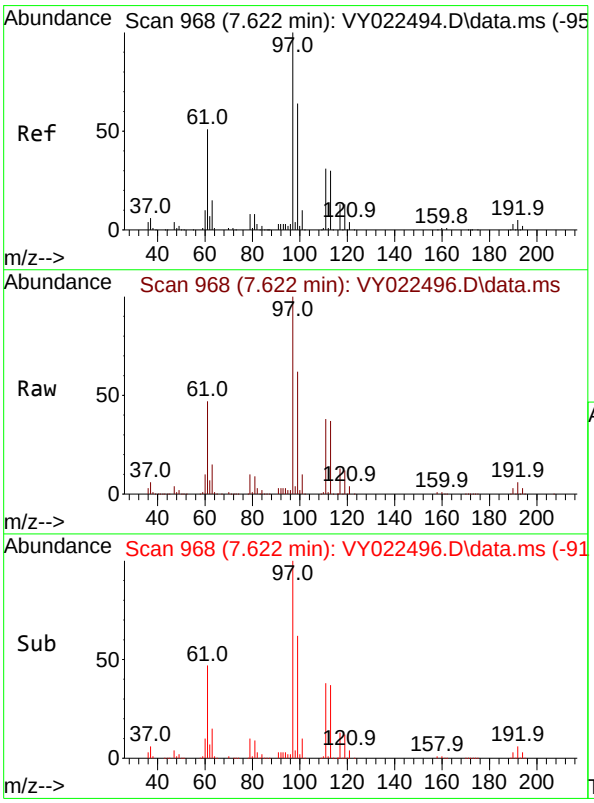
#31
Cyclohexane
Concen: 140.095 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 667836

Ion	Ratio	Lower	Upper
56	100		
69	30.6	27.0	40.6
84	89.9	72.6	109.0

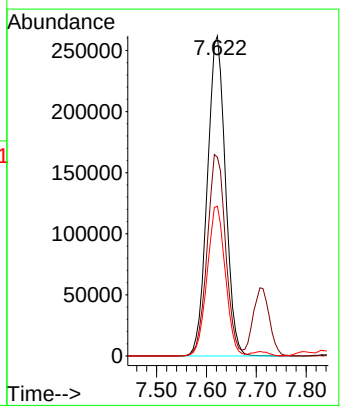


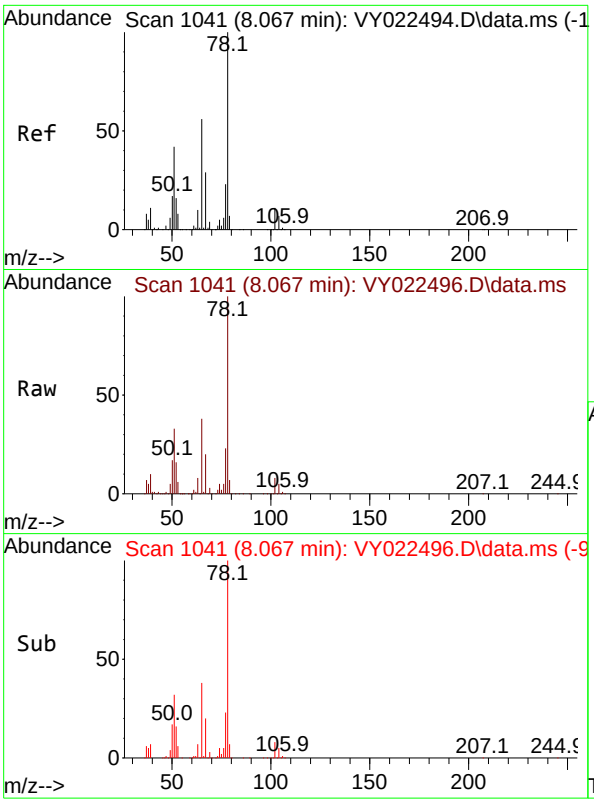


#32
1,1,1-Trichloroethane
Concen: 157.892 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 97 Resp: 660456

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	47.2	38.5	57.7



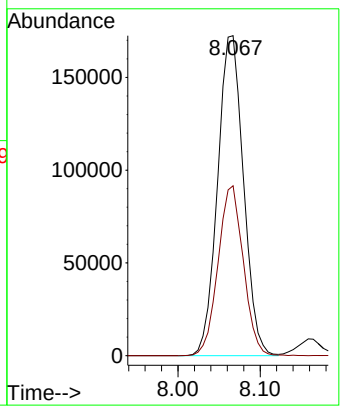


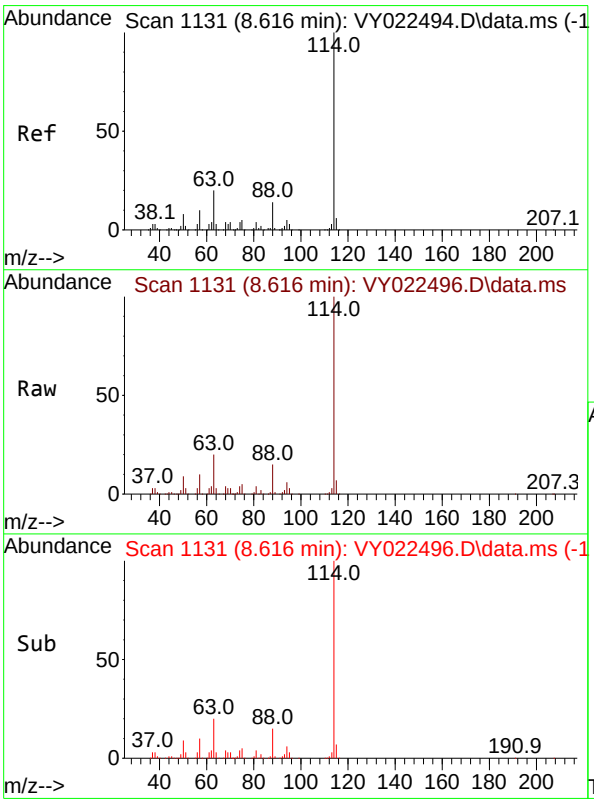
#33
1,2-Dichloroethane-d4
Concen: 154.078 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 377706

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4

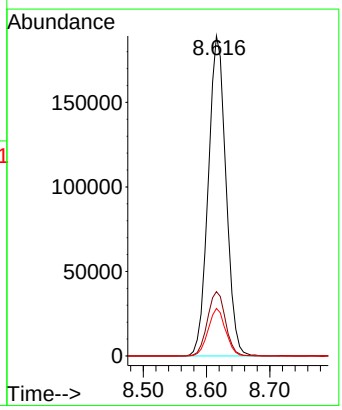


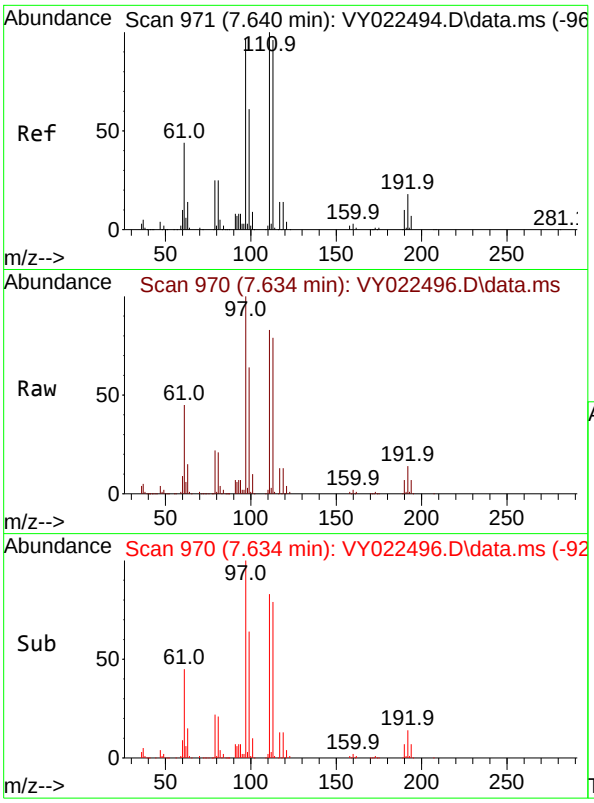


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:114 Resp: 367991

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	14.8	0.0	27.8



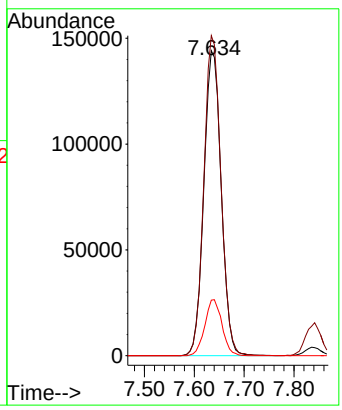


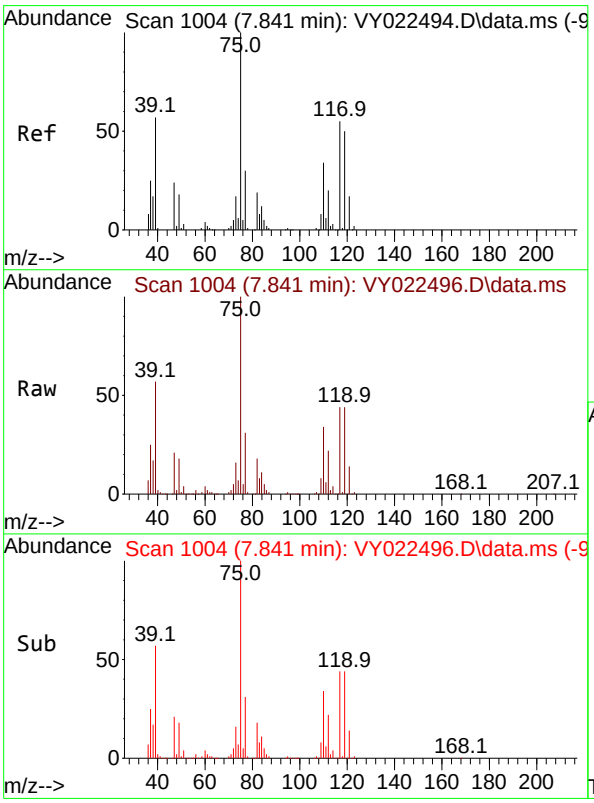
#35
Dibromofluoromethane
Concen: 160.661 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 348038

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	18.2	14.2	21.2

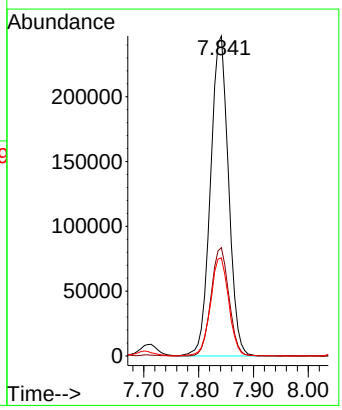


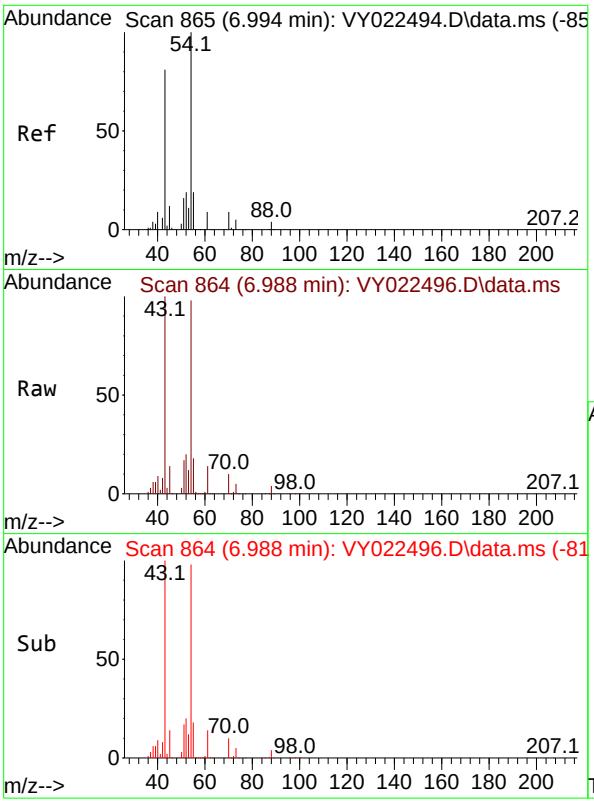


#36
1,1-Dichloropropene
Concen: 160.756 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 562935

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.1	24.8	37.2



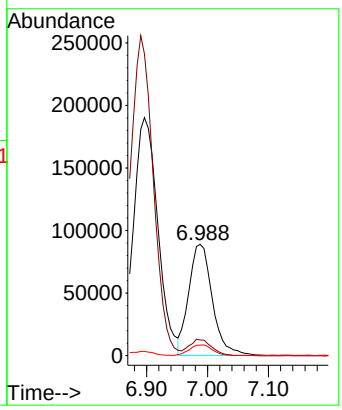


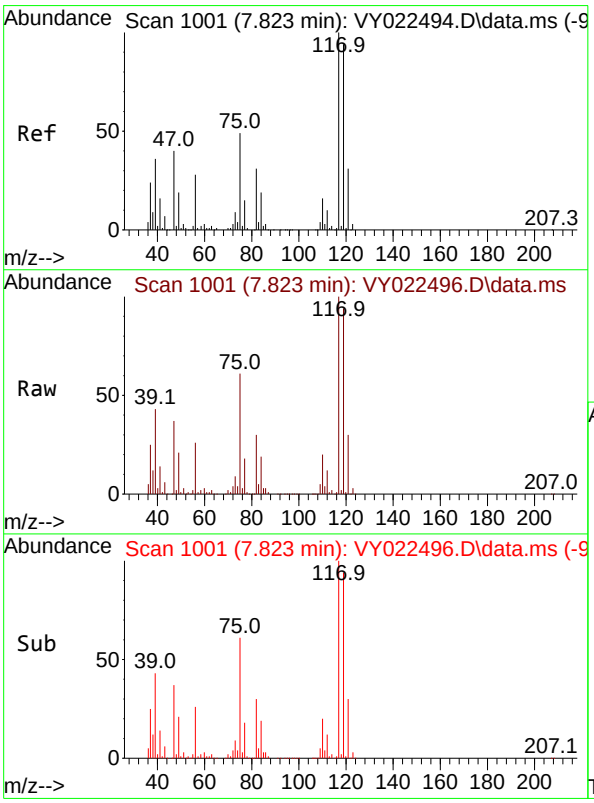
#37
Ethyl Acetate
Concen: 155.059 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 238966

Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.4	7.2	10.8

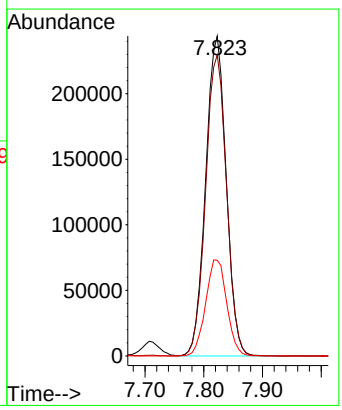


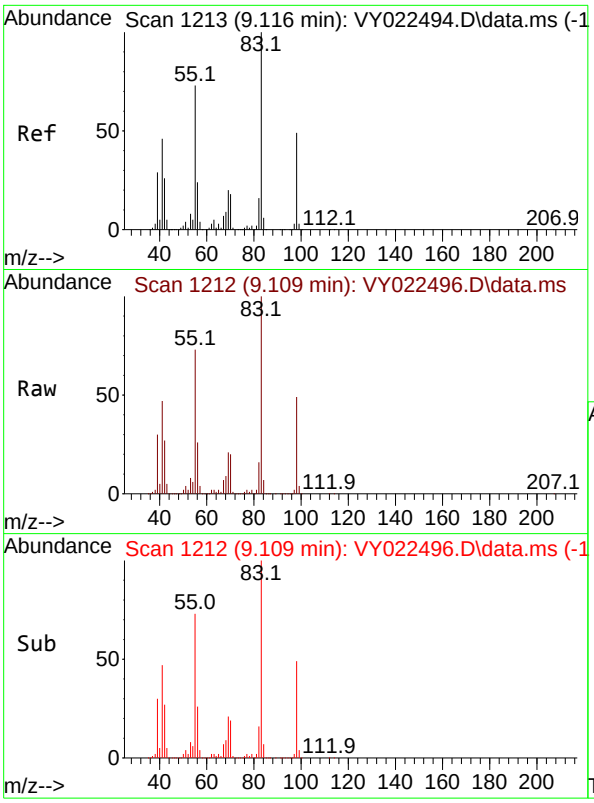


#38
Carbon Tetrachloride
Concen: 164.311 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 593167

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.9	25.0	37.4



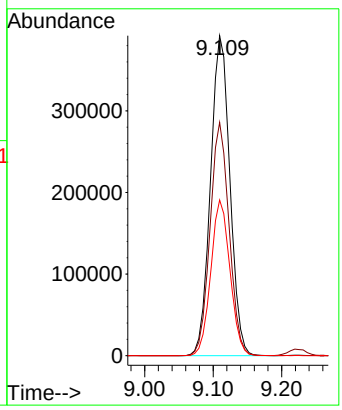


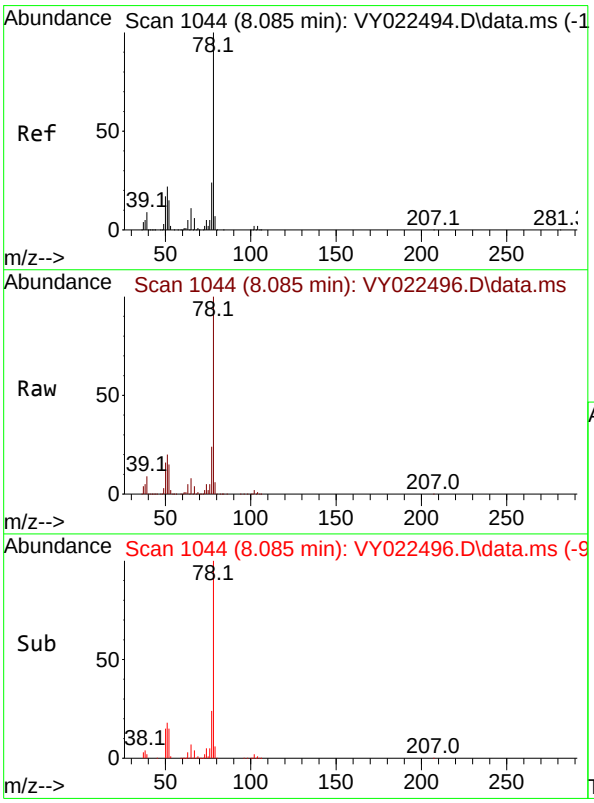
#39
Methylcyclohexane
Concen: 162.851 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 770382

Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.1	87.1
98	48.7	39.0	58.6

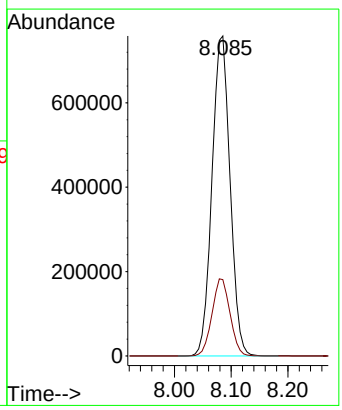


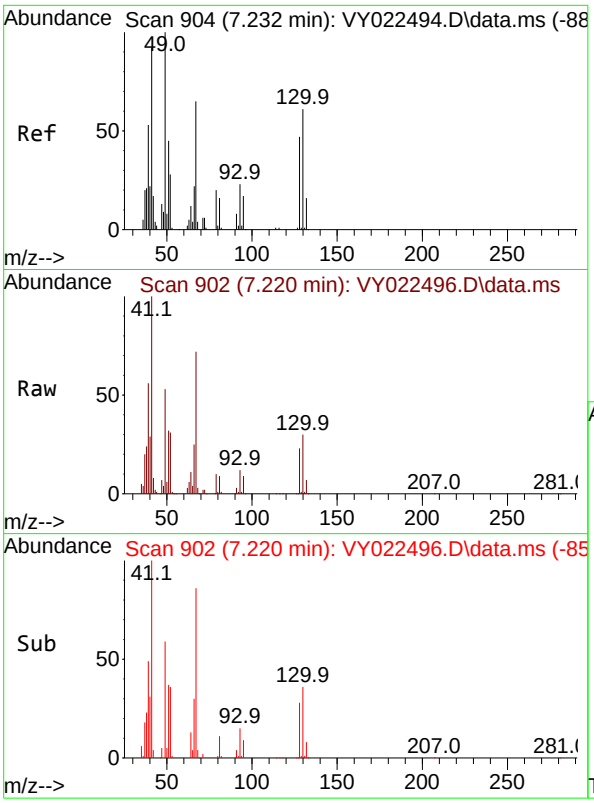


#40
Benzene
Concen: 162.332 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 78 Resp: 1675603

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



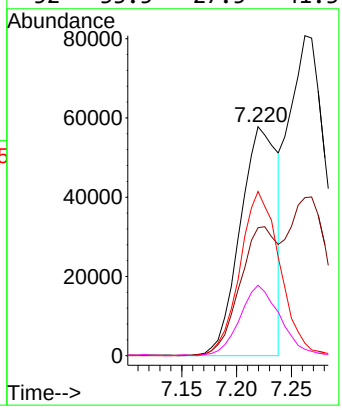


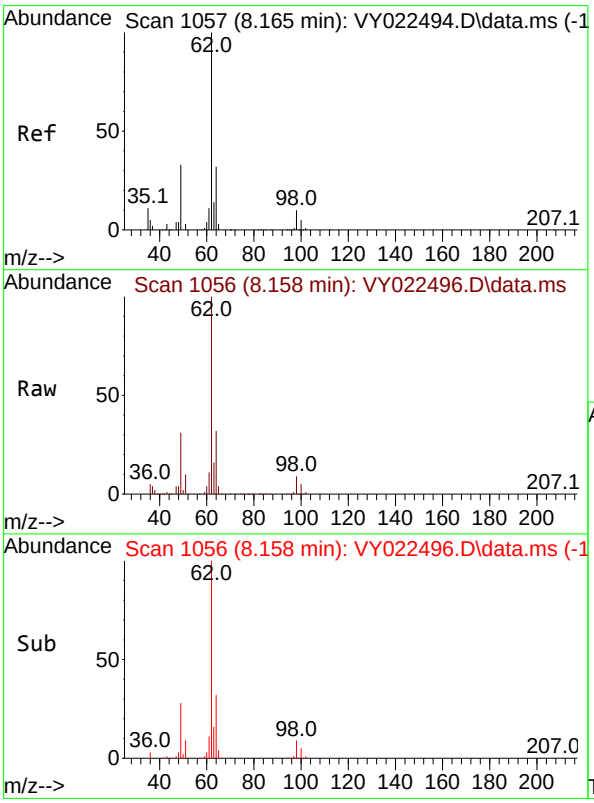
#41
Methacrylonitrile
Concen: 137.523 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 136495

Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.6	69.8
67	77.5	63.3	94.9
52	33.5	27.5	41.3

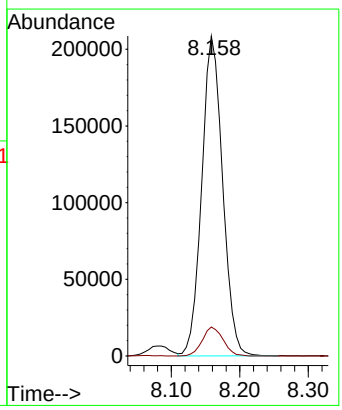


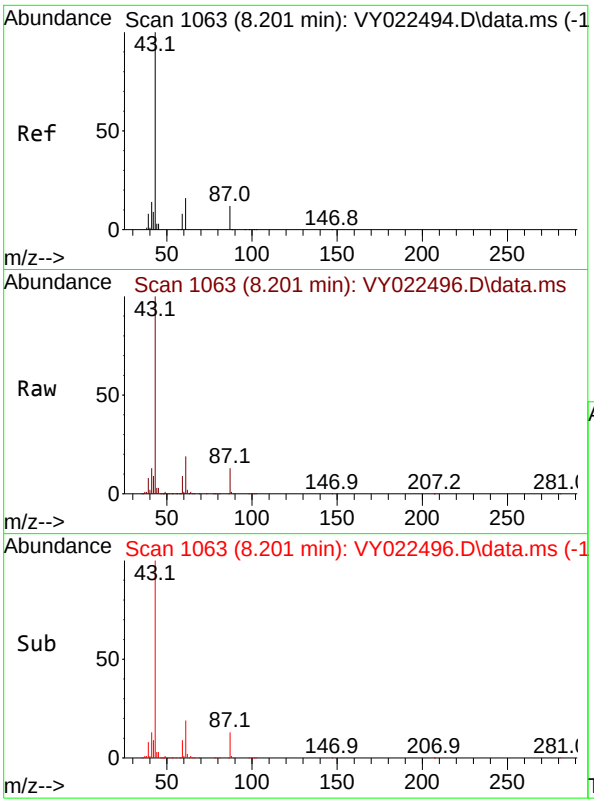


#42
1,2-Dichloroethane
Concen: 157.491 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 62 Resp: 442216

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2



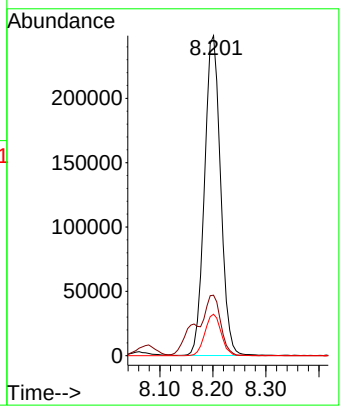


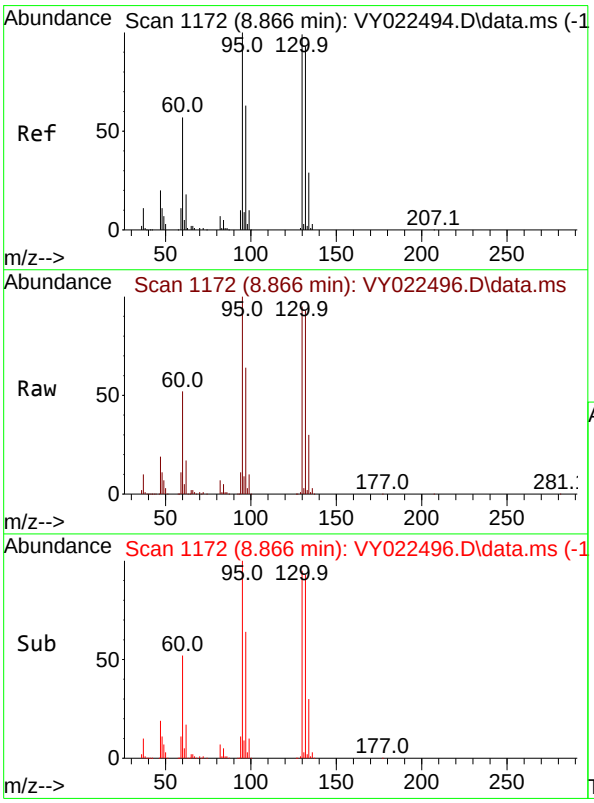
#43
Isopropyl Acetate
Concen: 155.250 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 522842

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.6	23.4
87	13.1	10.2	15.4

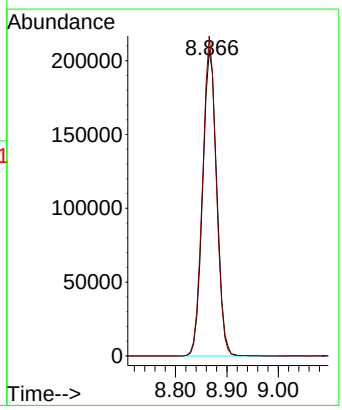


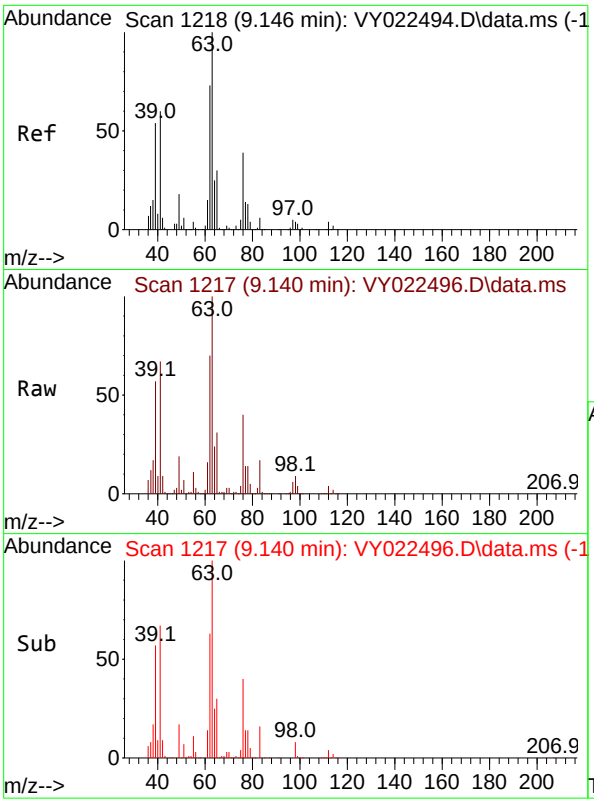


#44
Trichloroethene
Concen: 156.583 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:130 Resp: 394832

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	203.0



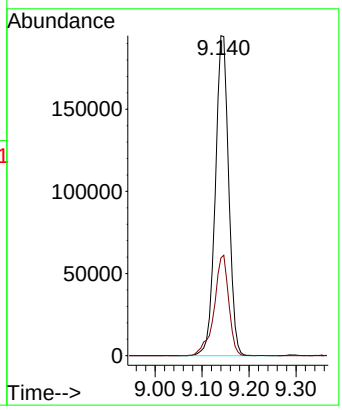


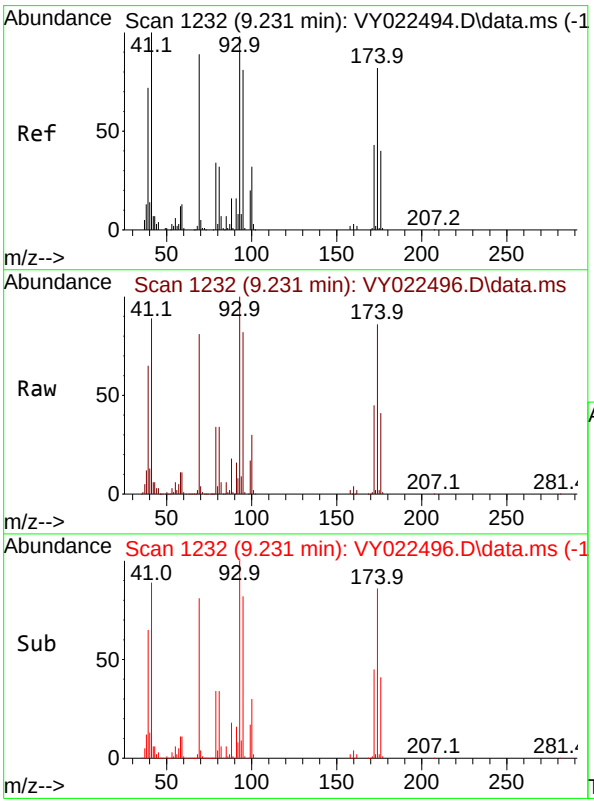
#45
1,2-Dichloropropane
Concen: 156.539 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 385206

Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.0	36.0

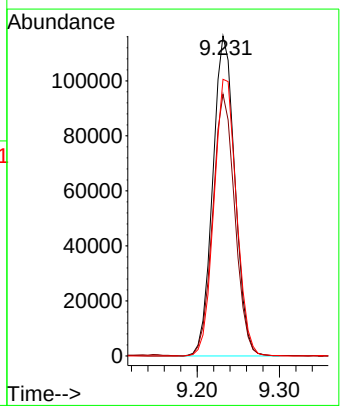


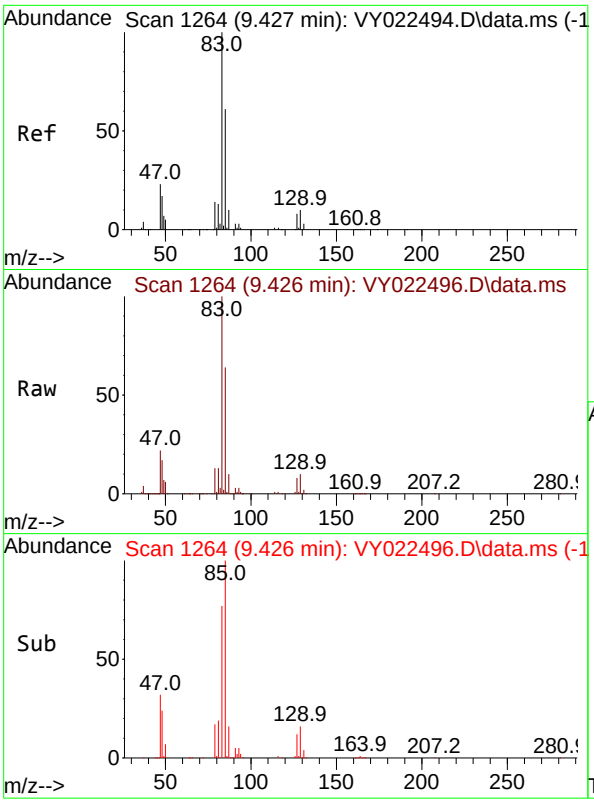


#46
Dibromomethane
Concen: 158.140 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 93 Resp: 218014

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.6	98.4
174	87.8	70.4	105.6



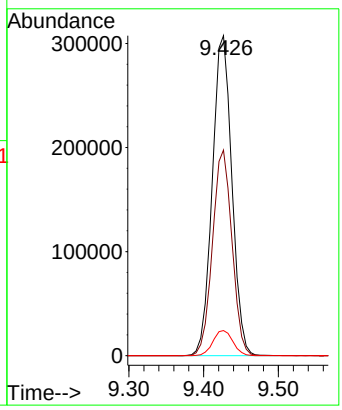


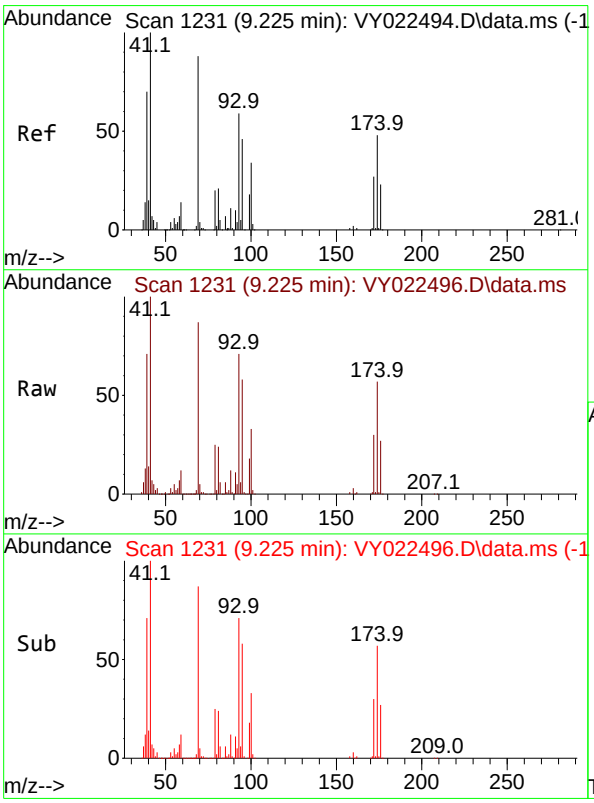
#47
Bromodichloromethane
Concen: 160.221 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 560425

Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.1	73.7
127	7.9	6.2	9.4

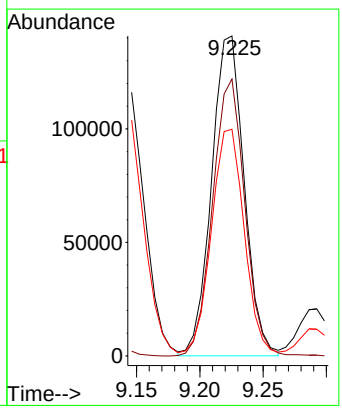


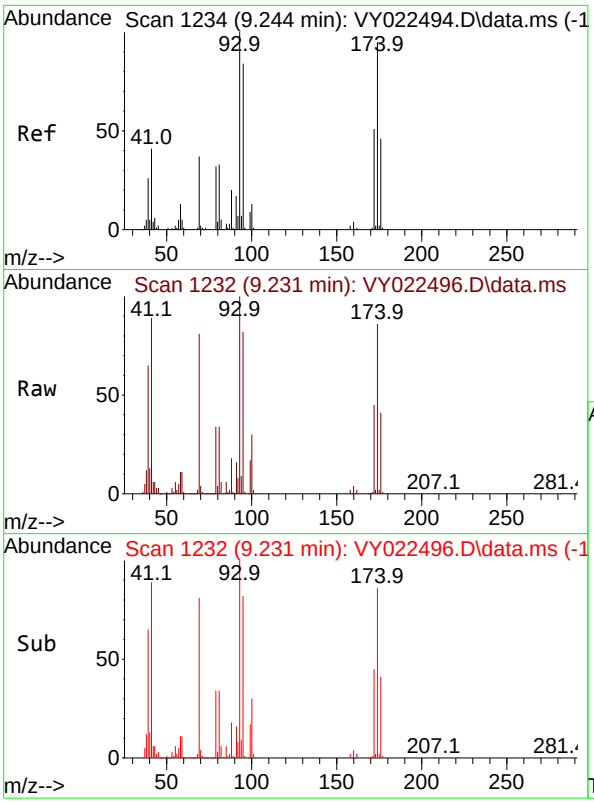


#48
Methyl methacrylate
Concen: 163.897 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 41 Resp: 252724

Ion	Ratio	Lower	Upper
41	100		
69	85.6	67.8	101.8
39	69.7	55.0	82.4



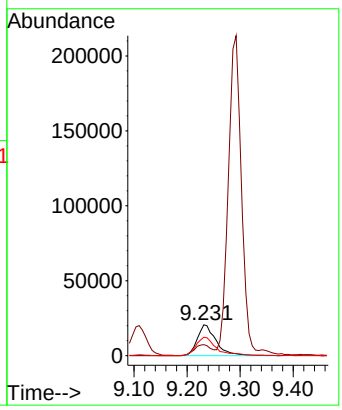


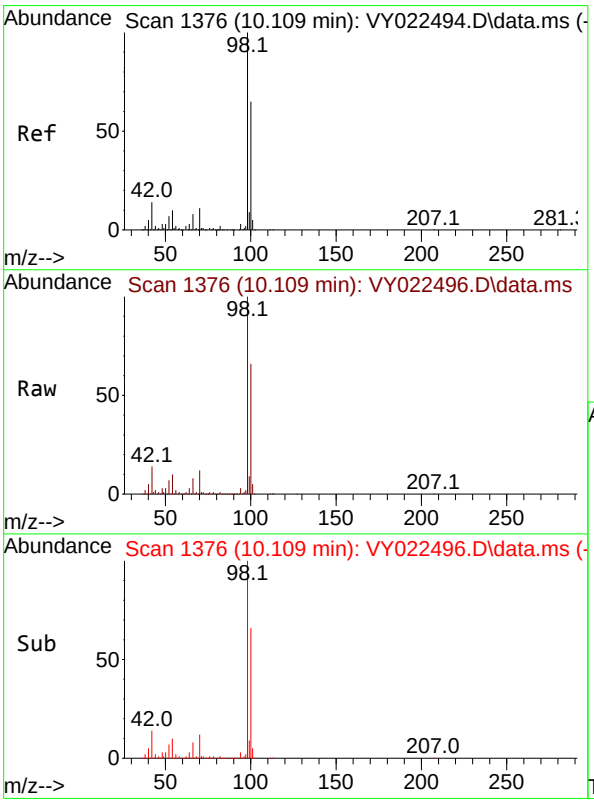
#49
1,4-Dioxane
Concen: 3093.301 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 50874

Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.4	38.2
58	64.1	54.9	82.3

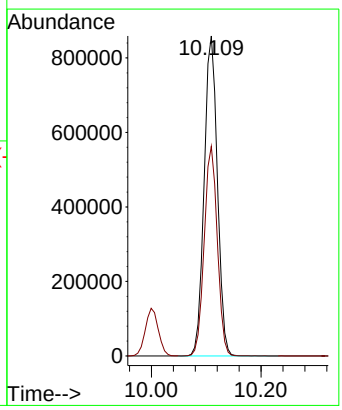


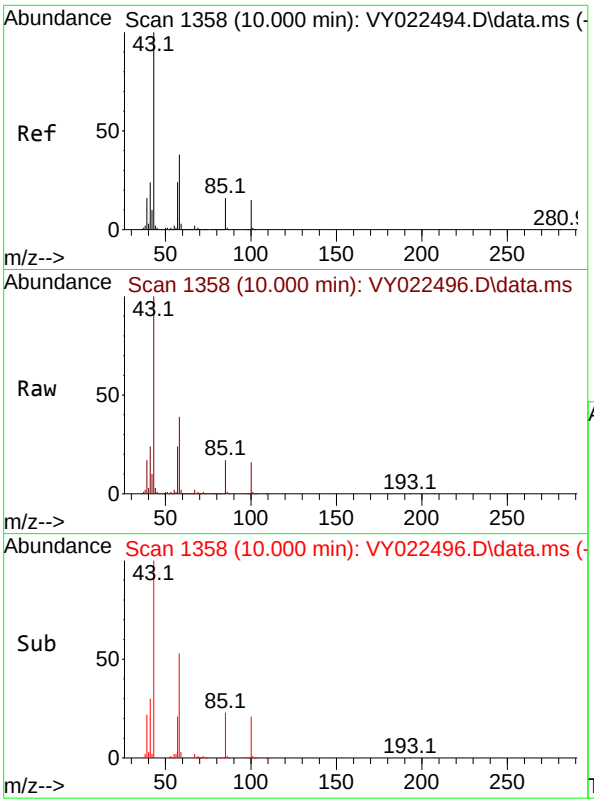


#50
Toluene-d8
Concen: 163.617 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 98 Resp: 1432587

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0



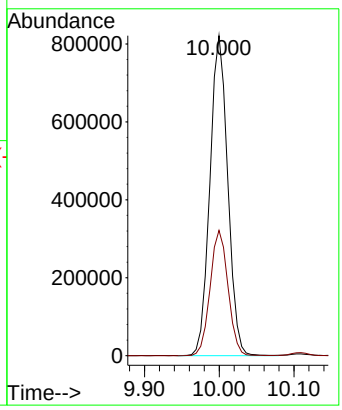


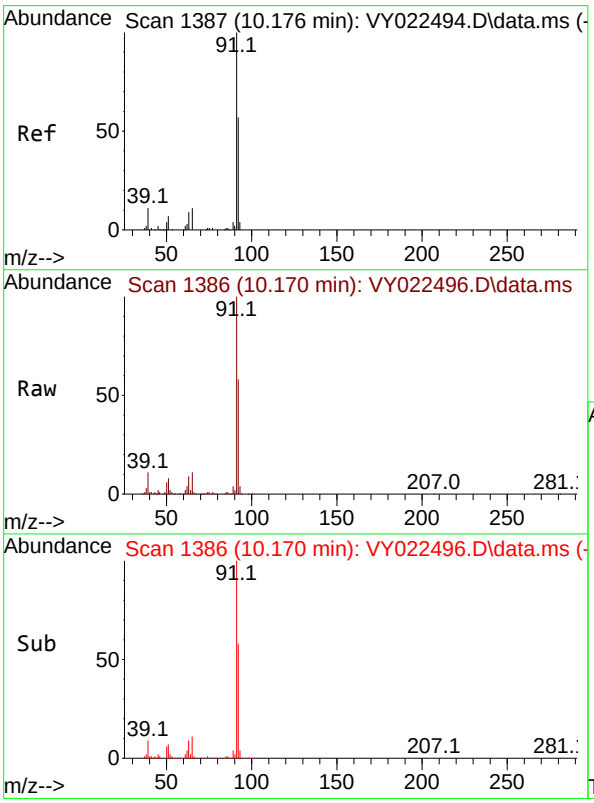
#51
4-Methyl-2-Pentanone
Concen: 812.744 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1358512

Ion	Ratio	Lower	Upper
43	100		
58	39.3	30.4	45.6

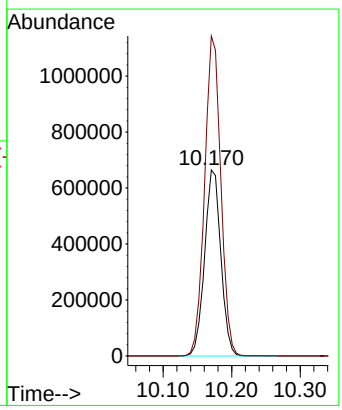


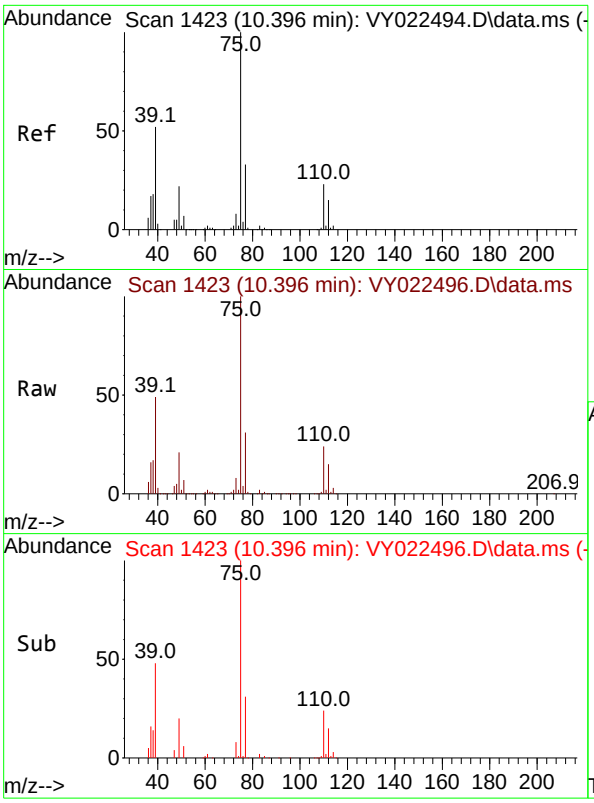


#52
Toluene
Concen: 168.447 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 92 Resp: 1093200

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.4



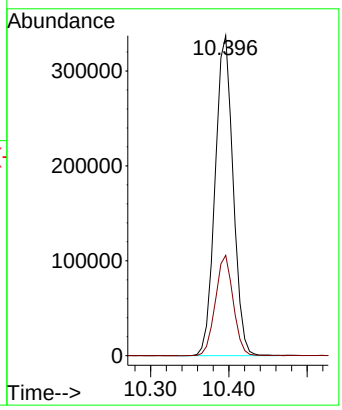


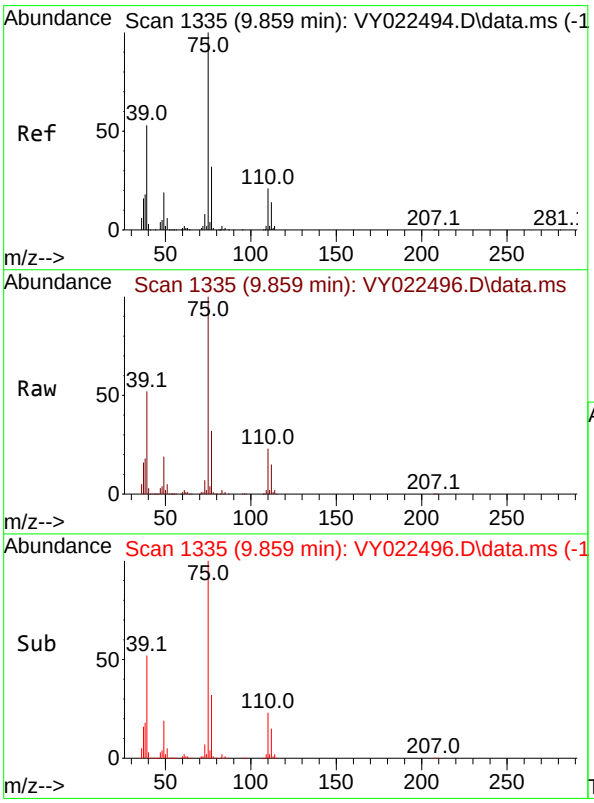
#53
t-1,3-Dichloropropene
Concen: 166.237 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 537922

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7

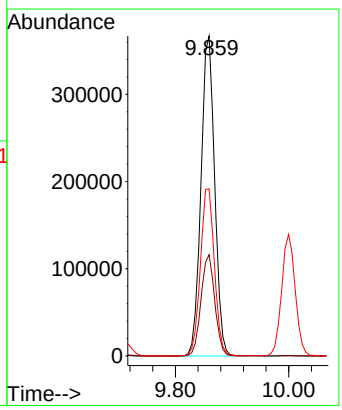


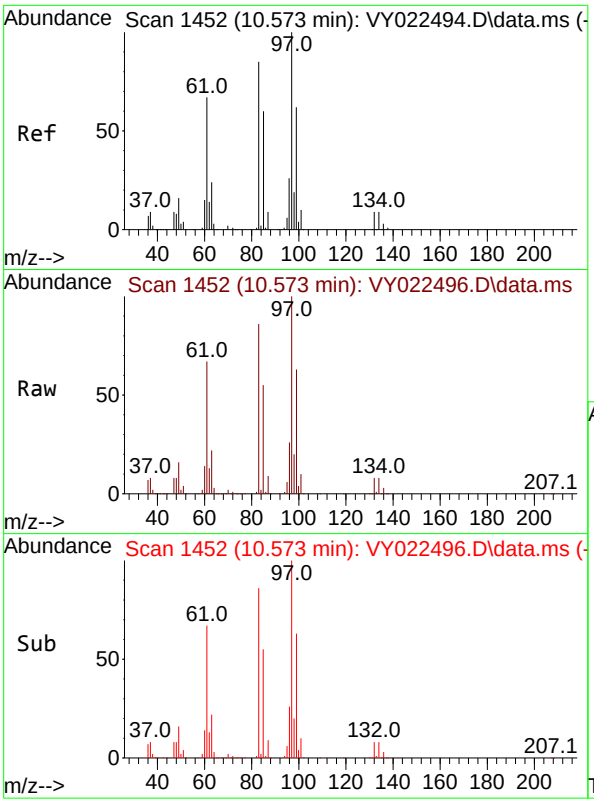


#54
cis-1,3-Dichloropropene
Concen: 162.259 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 615667

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	52.2	42.7	64.1



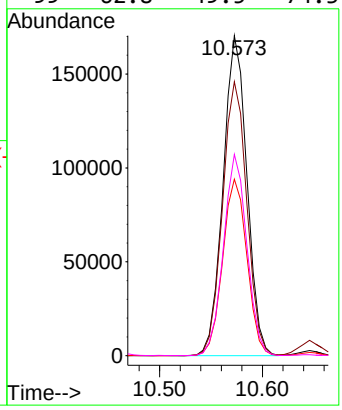


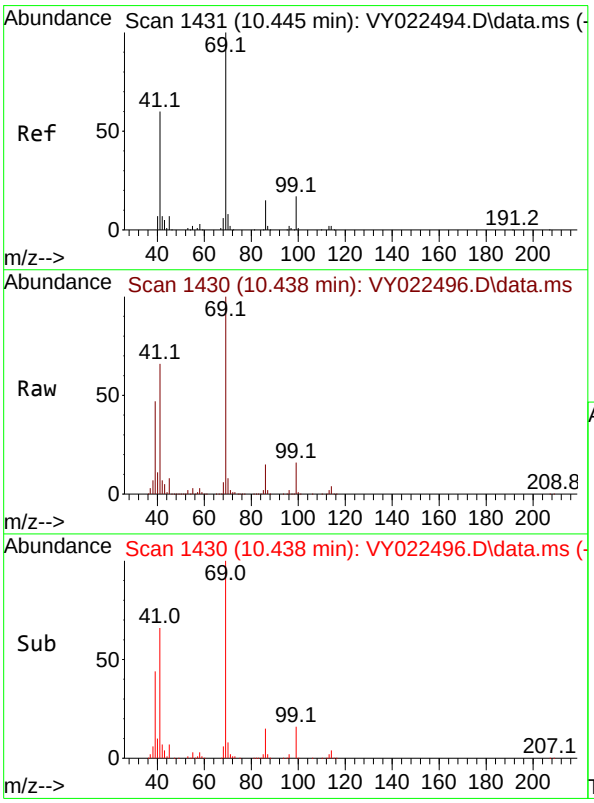
#55
1,1,2-Trichloroethane
Concen: 158.086 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 274460

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.1	48.2	72.2
99	62.8	49.5	74.3

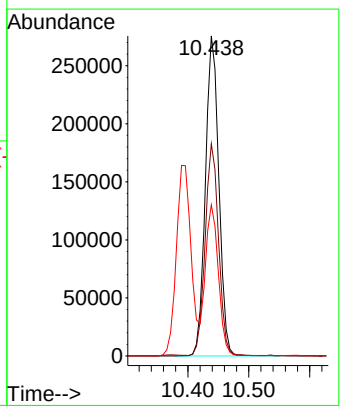


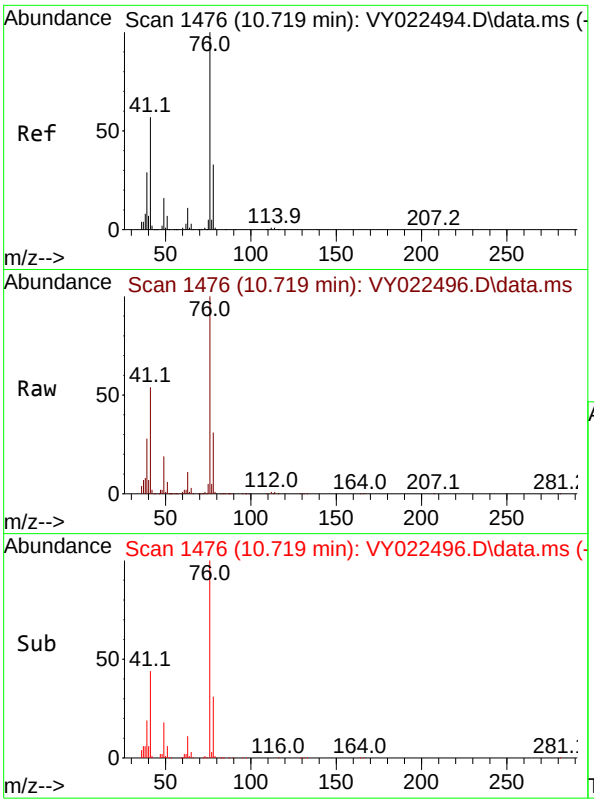


#56
Ethyl methacrylate
Concen: 167.865 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 69 Resp: 423233

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	44.7	36.7	55.1



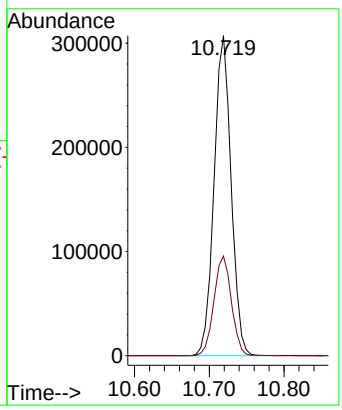


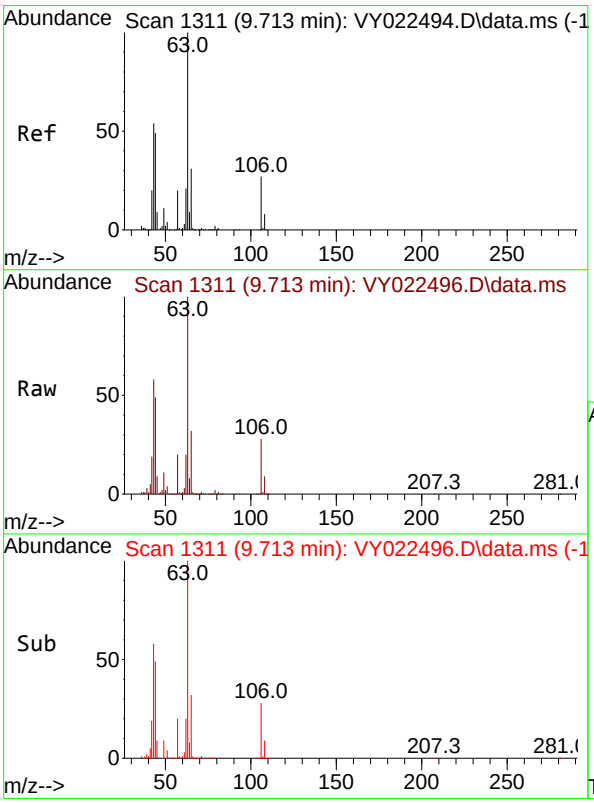
#57
1,3-Dichloropropane
Concen: 158.010 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 488570

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

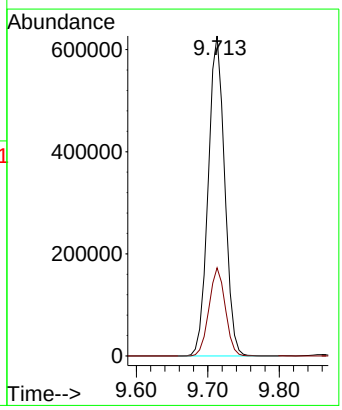


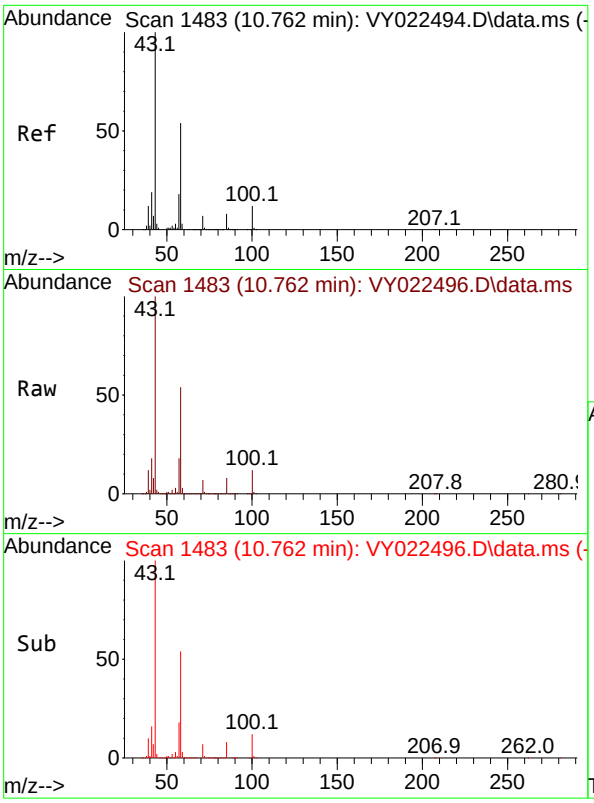


#58
2-Chloroethyl Vinyl ether
Concen: 890.345 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 63 Resp: 1000760

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4



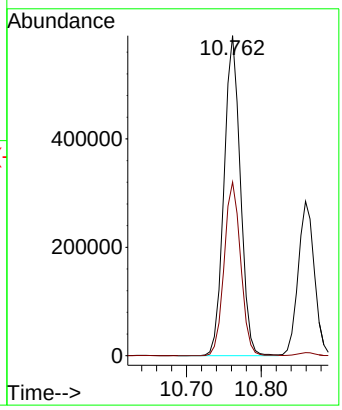


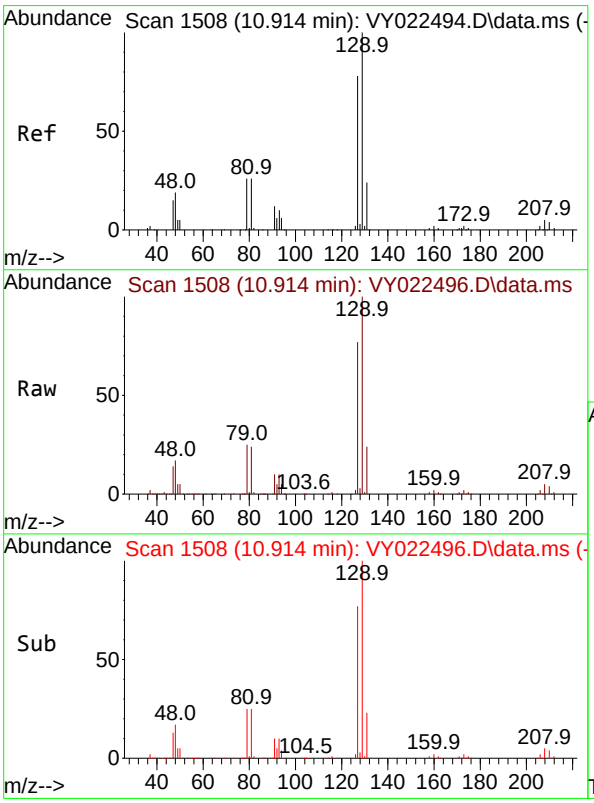
#59
2-Hexanone
Concen: 804.699 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 896627

Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.3	81.8

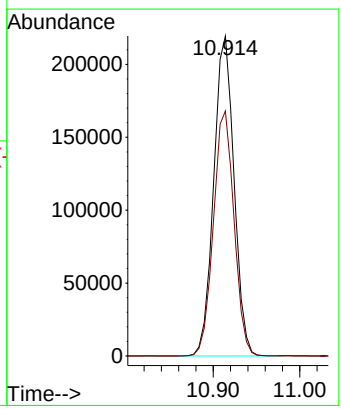


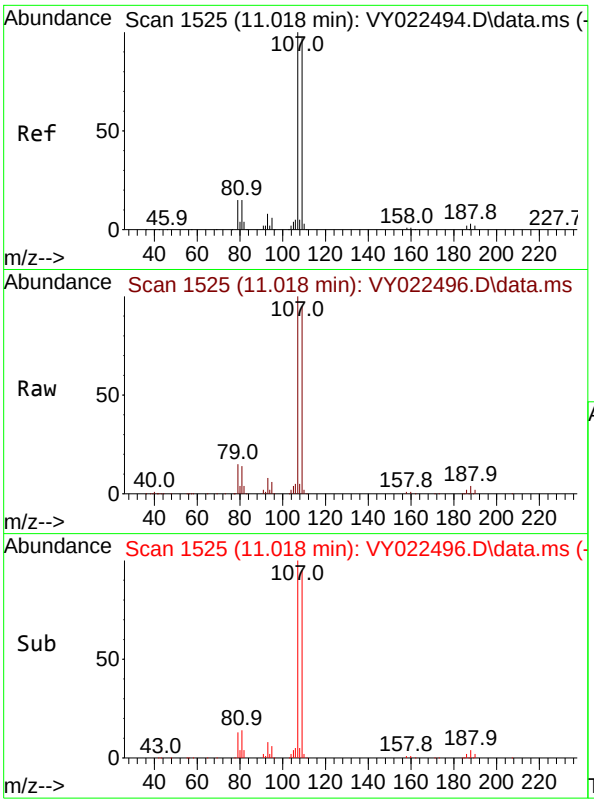


#60
Dibromochloromethane
Concen: 162.227 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:129 Resp: 356873

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2



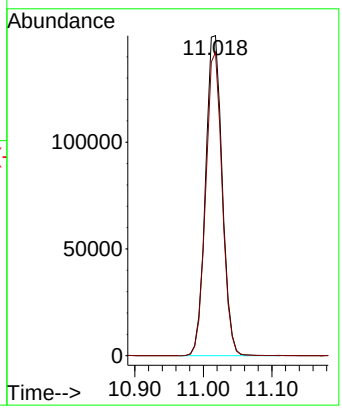


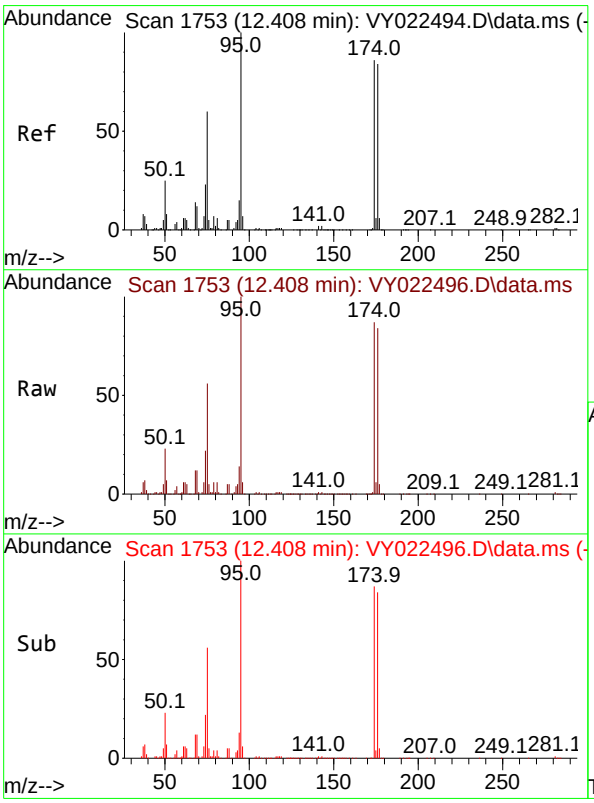
#61
1,2-Dibromoethane
Concen: 158.625 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 254128

Ion	Ratio	Lower	Upper
107	100		
109	93.4	77.7	116.5

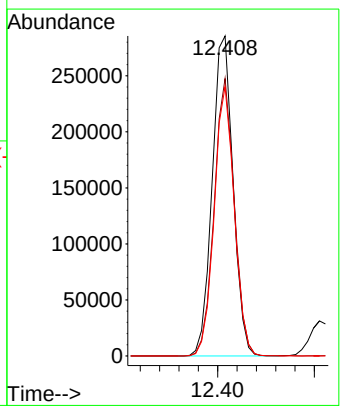


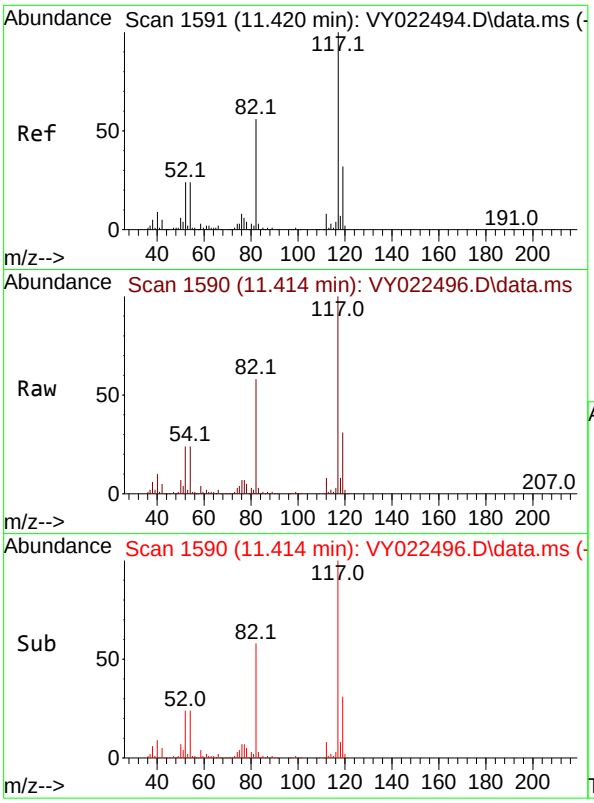


#62
4-Bromofluorobenzene
Concen: 160.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 95 Resp: 426573

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	170.0
176	81.1	0.0	166.2



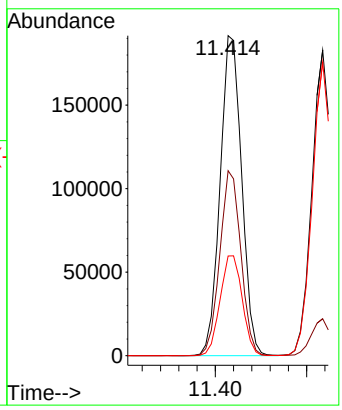


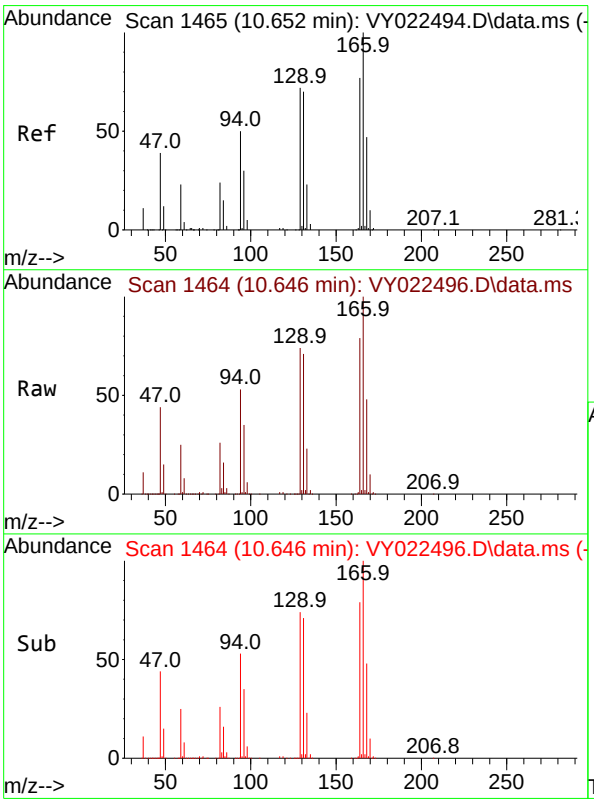
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 313951

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	31.2	25.4	38.0

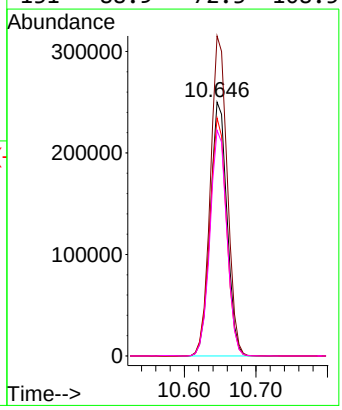


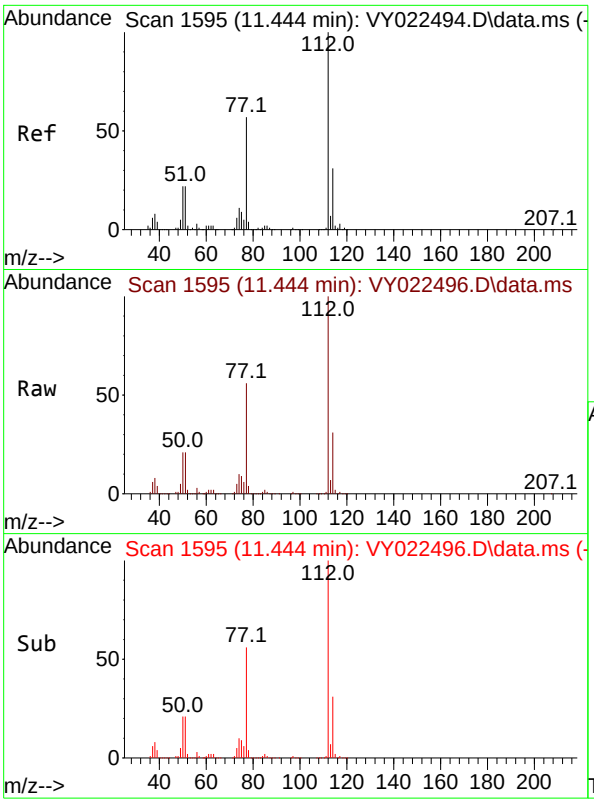


#64
Tetrachloroethene
Concen: 152.453 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:164 Resp: 406758

Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.0	156.0
129	93.8	74.5	111.7
131	88.9	72.3	108.5



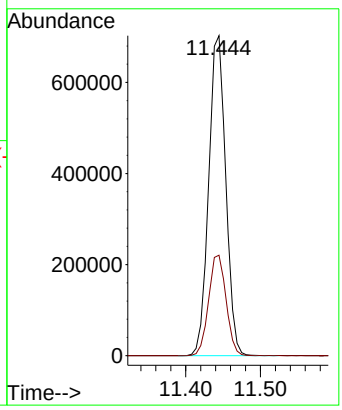


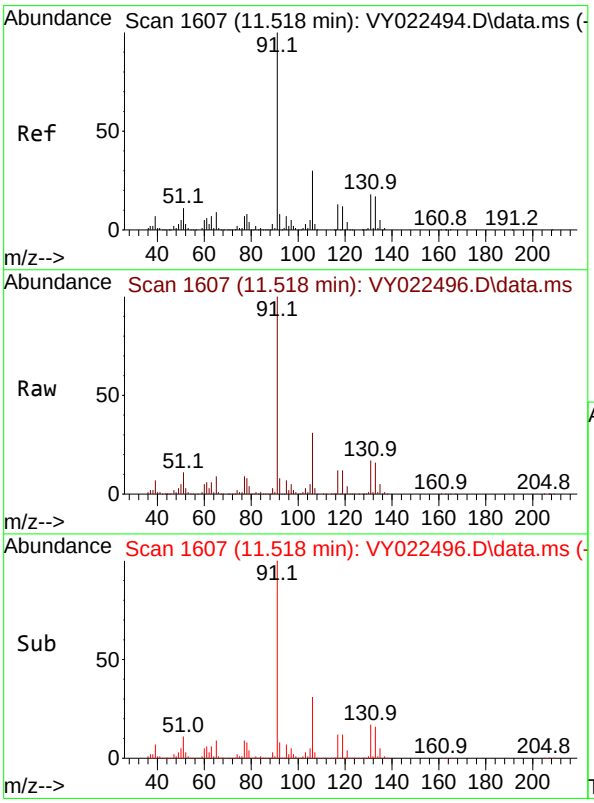
#65
Chlorobenzene
Concen: 163.544 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 1113347

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.0	37.6

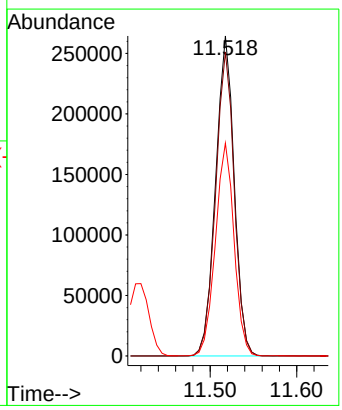


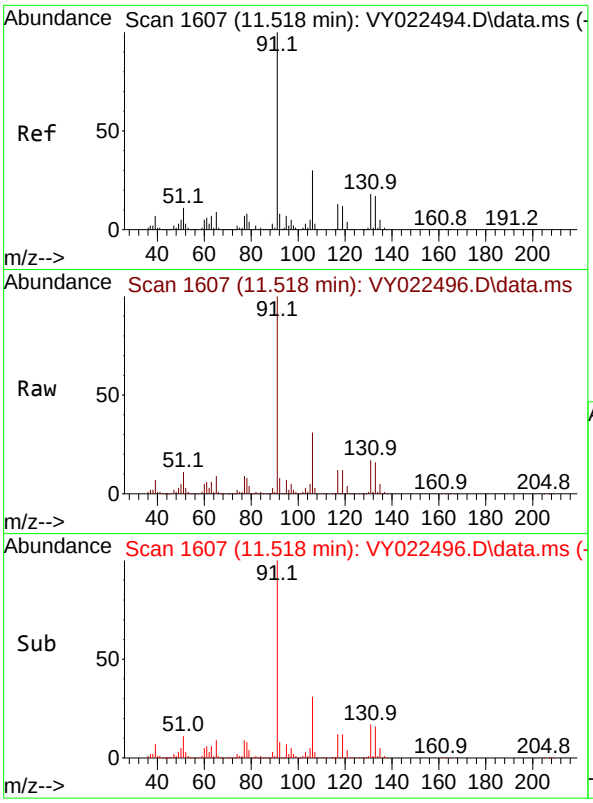


#66
1,1,1,2-Tetrachloroethane
Concen: 171.190 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:131 Resp: 395046

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.8
119	66.8	33.1	99.3



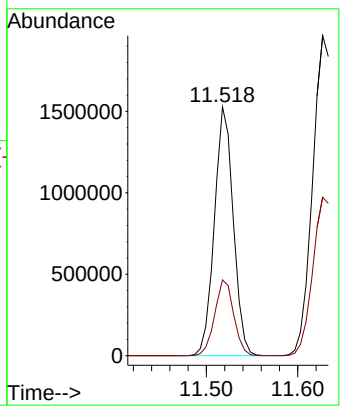


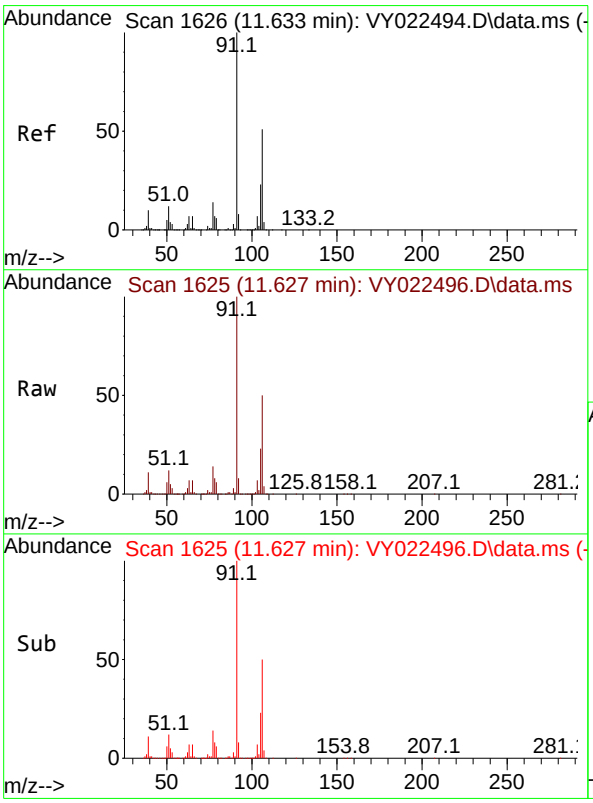
#67
Ethyl Benzene
Concen: 173.285 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2196819

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4

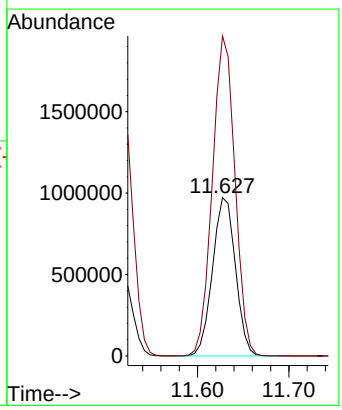


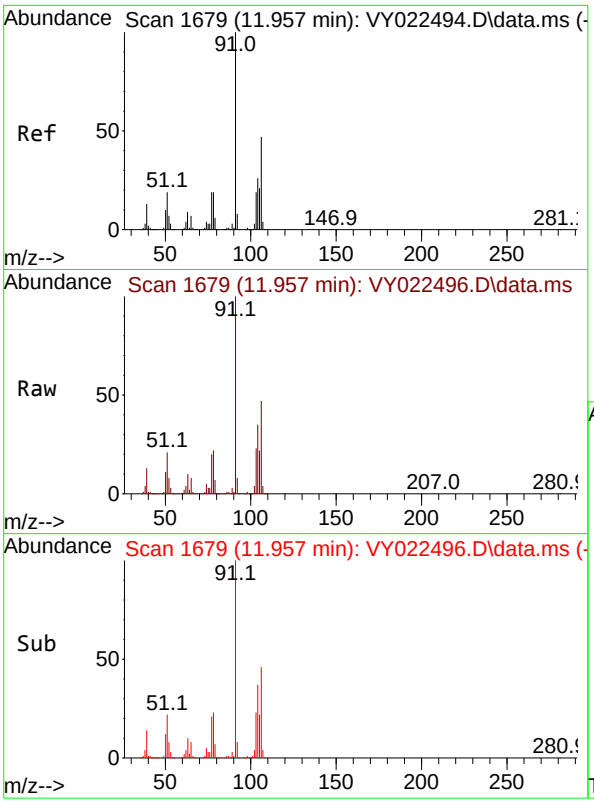


#68
m/p-Xylenes
Concen: 353.103 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:106 Resp: 1694177

Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.4	239.0



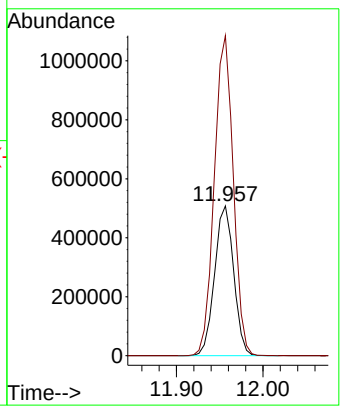


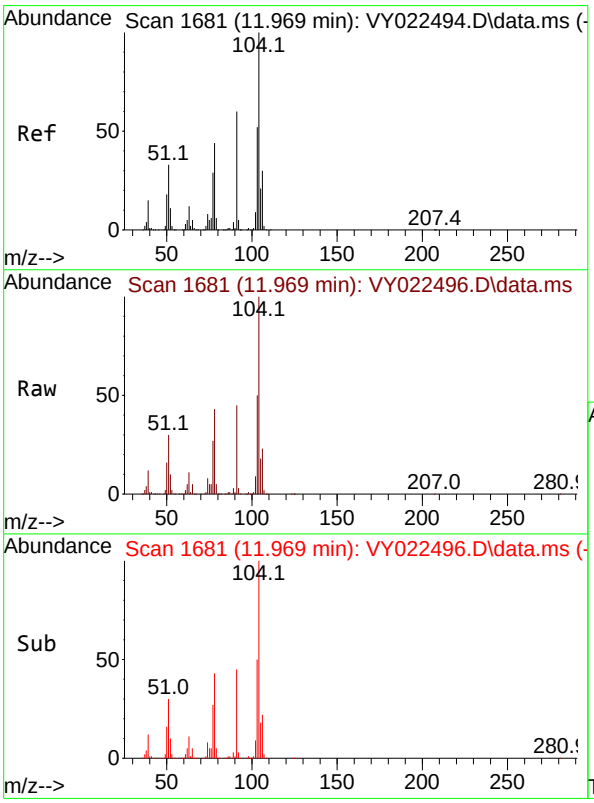
#69
o-Xylene
Concen: 173.188 ug/l
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 777688

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

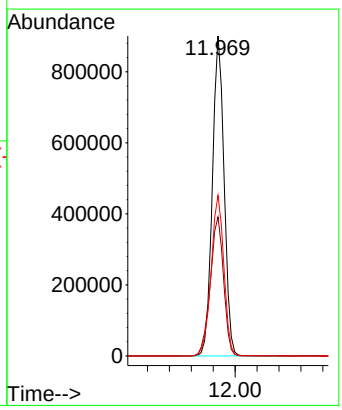


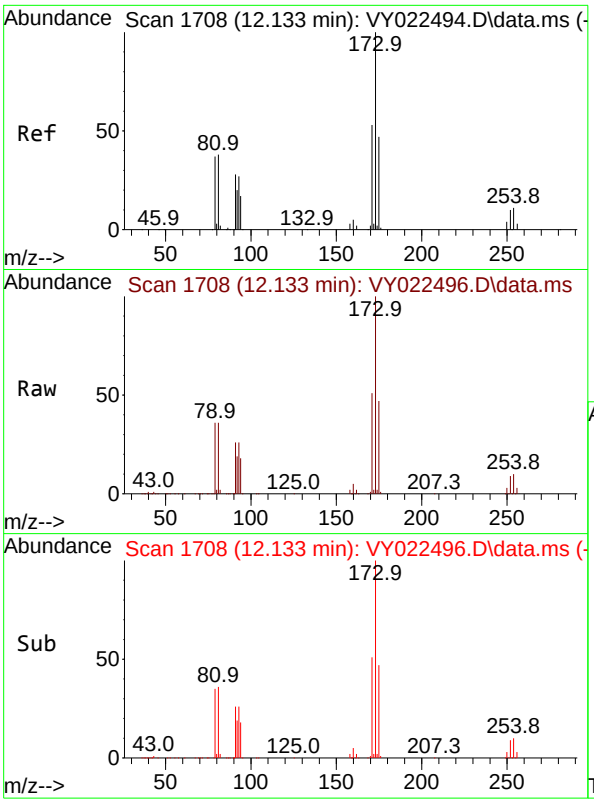


#70
Styrene
Concen: 179.564 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:104 Resp: 1334986

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.5	59.3
103	54.6	44.1	66.1



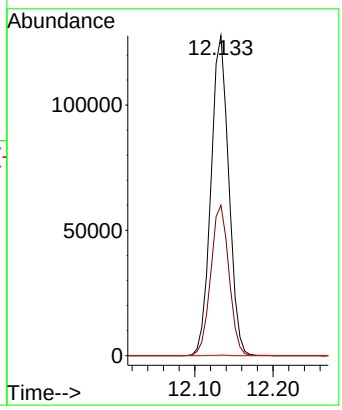


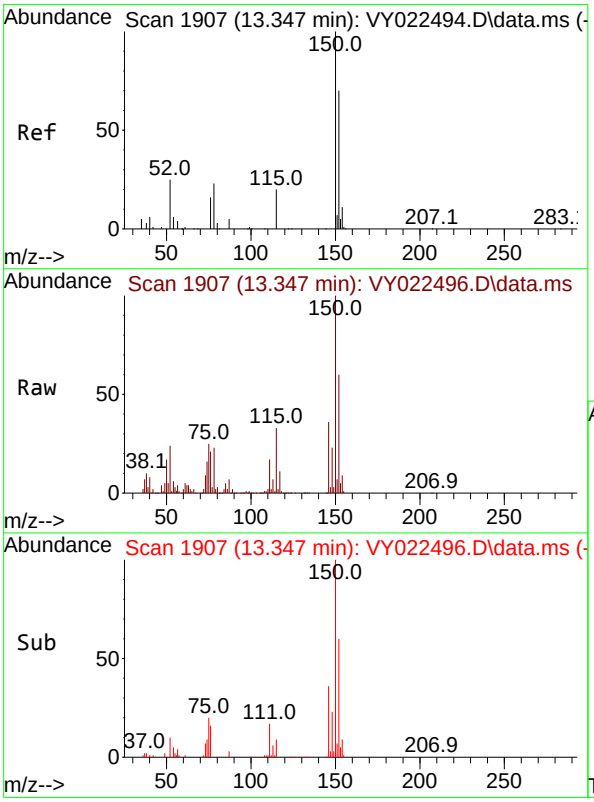
#71
Bromoform
Concen: 166.138 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 201469

Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.5
254	0.2	0.0	0.0#

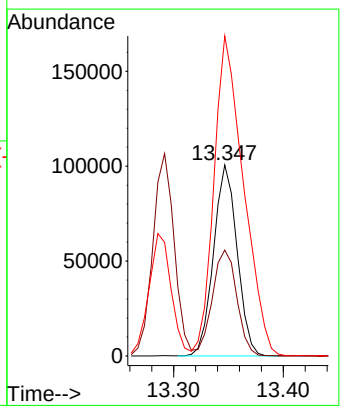


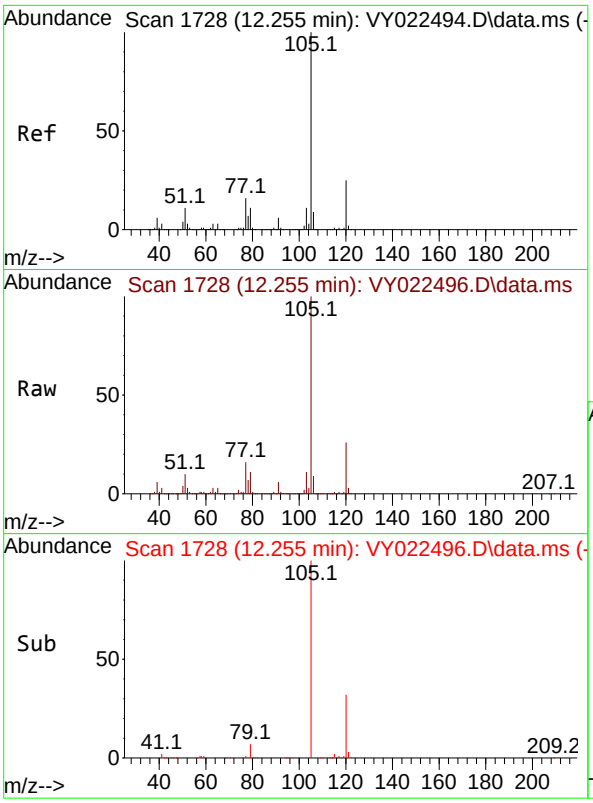


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:152 Resp: 150326

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	210.0	0.0	349.6



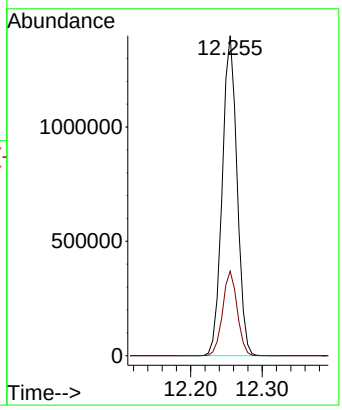


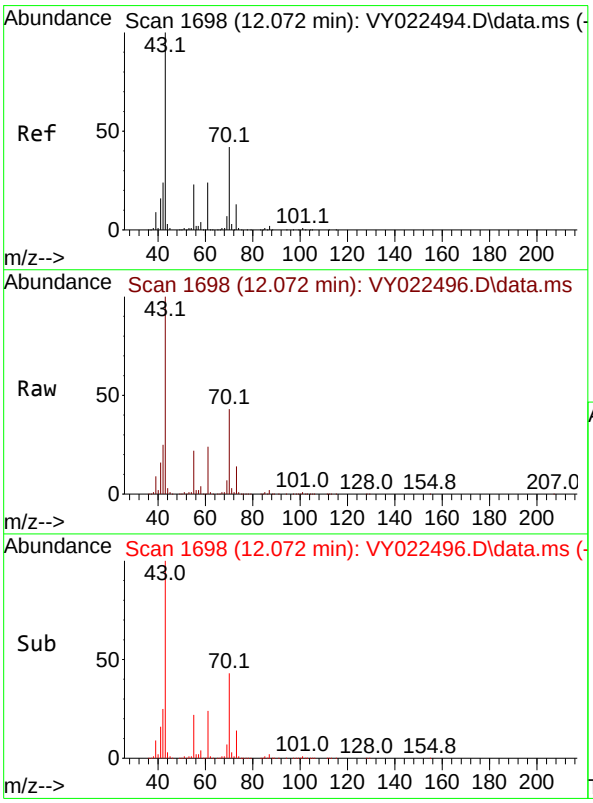
#73
Isopropylbenzene
Concen: 166.060 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 2011262

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9

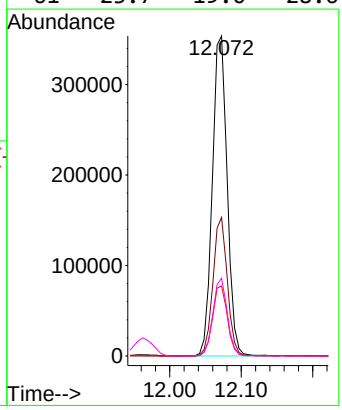


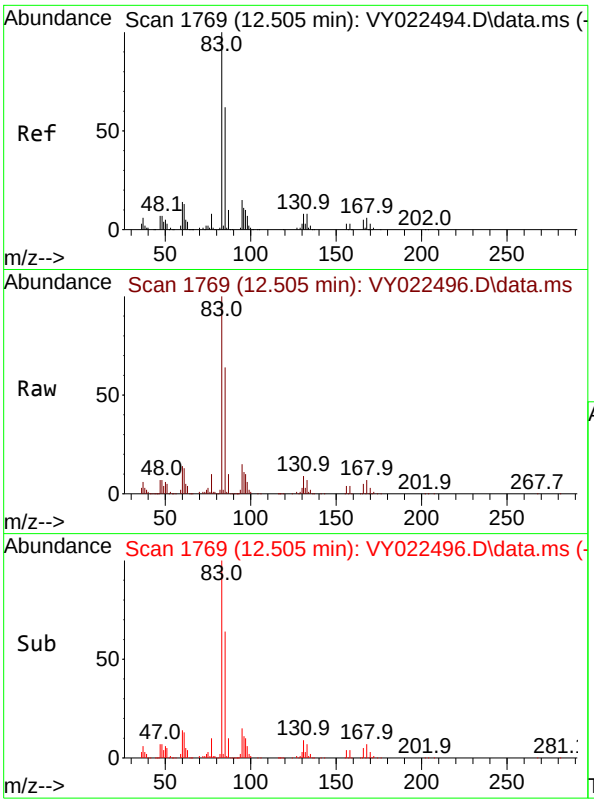


#74
N-amyl acetate
Concen: 165.957 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 43 Resp: 508301

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	22.1	18.2	27.4
61	23.7	19.0	28.6



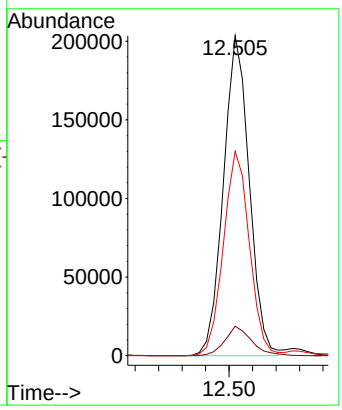


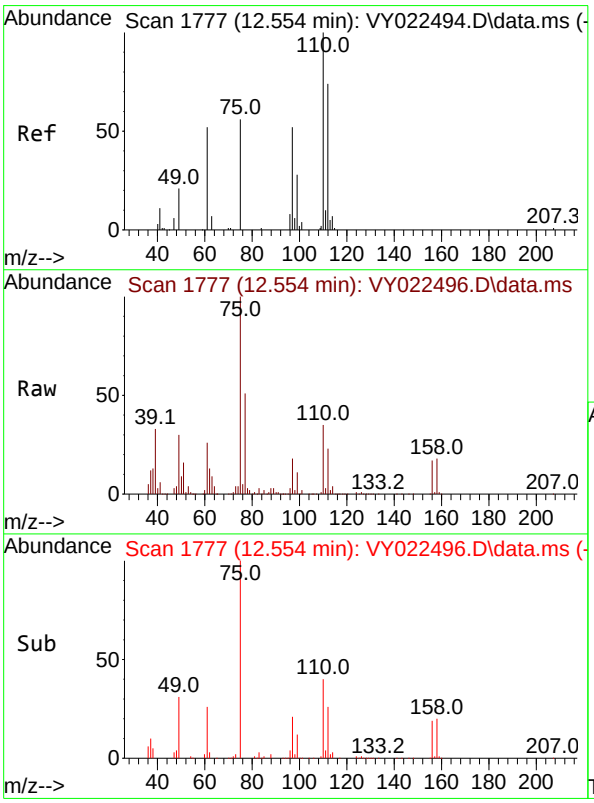
#75
1,1,2,2-Tetrachloroethane
Concen: 157.927 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 310641

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.3	32.6	97.8

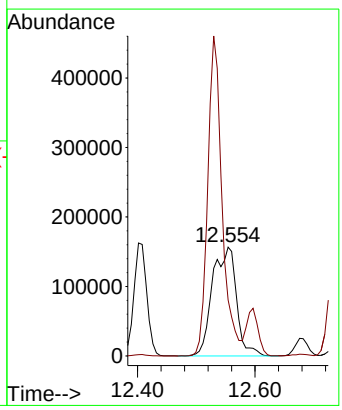


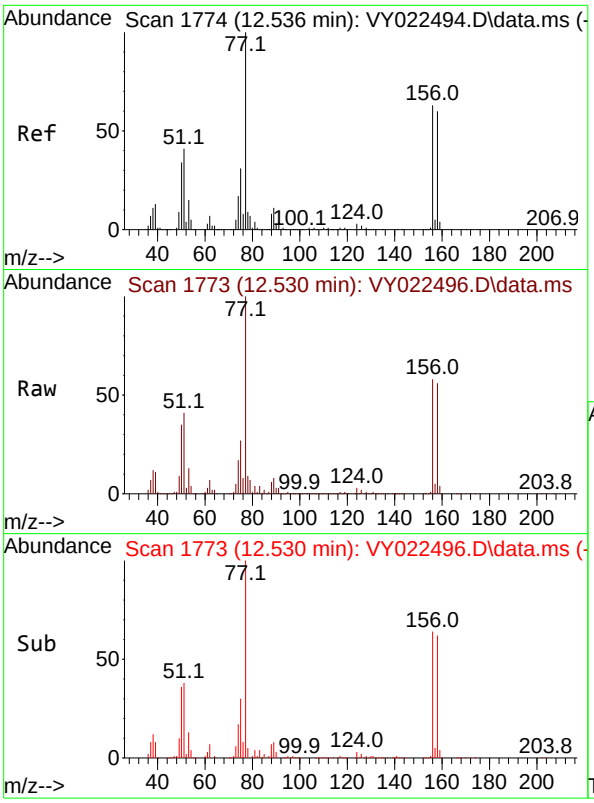


#76
1,2,3-Trichloropropane
Concen: 224.014 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 444562

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



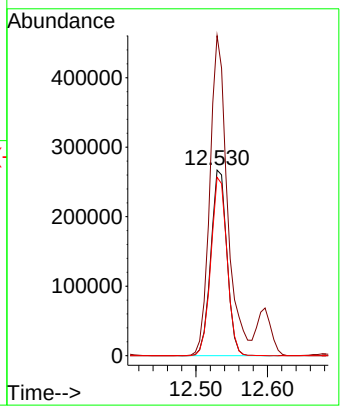


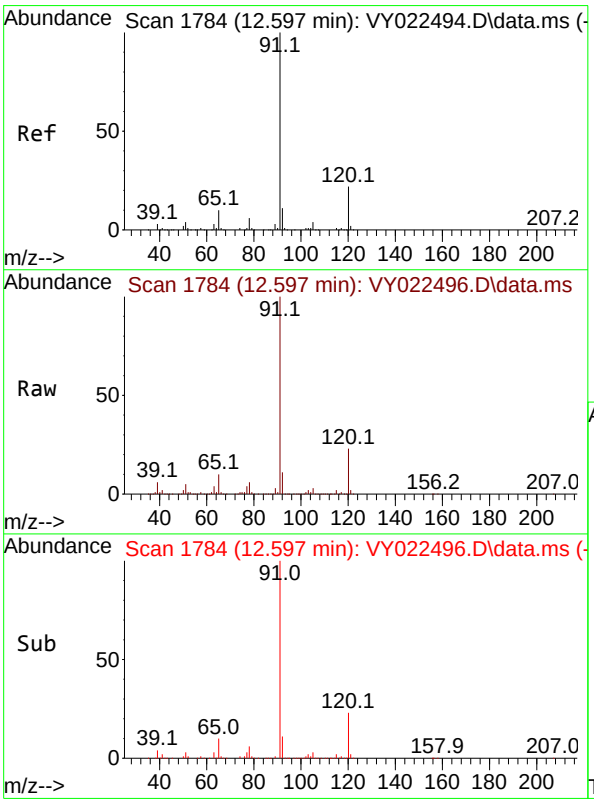
#77
Bromobenzene
Concen: 162.489 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 417122

Ion	Ratio	Lower	Upper
156	100		
77	188.4	94.0	282.1
158	96.4	48.2	144.6

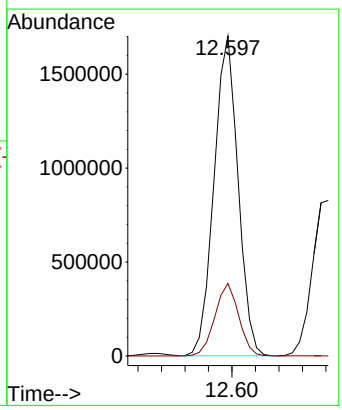


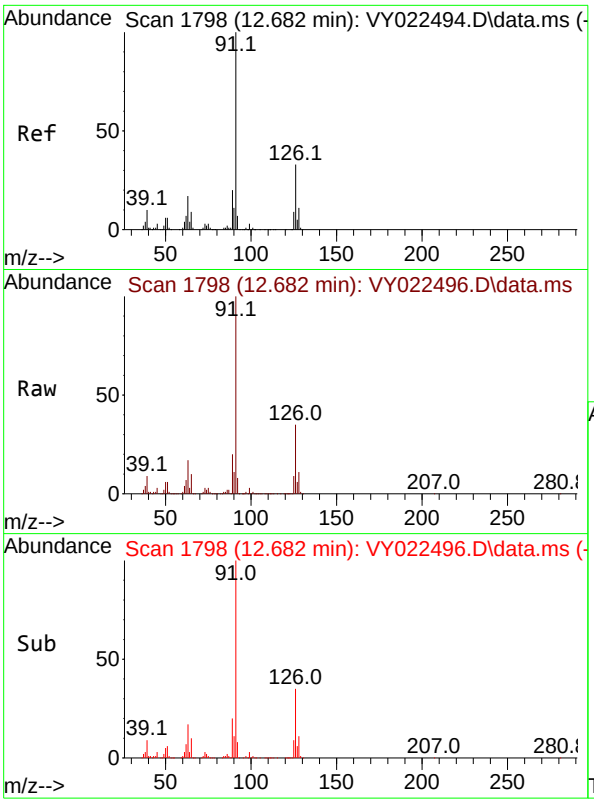


#78
n-propylbenzene
Concen: 163.876 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 2416013

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4



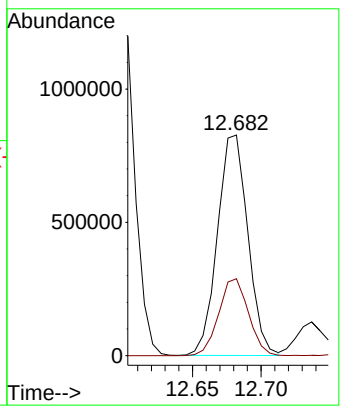


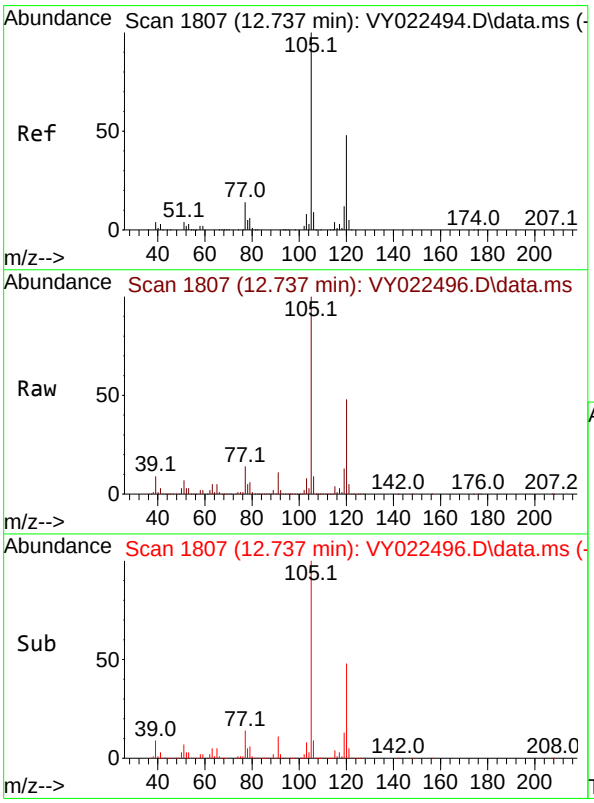
#79
2-Chlorotoluene
Concen: 163.862 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1275581

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0

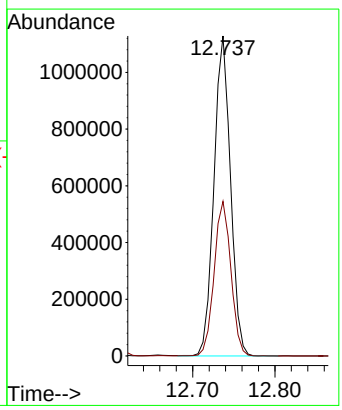


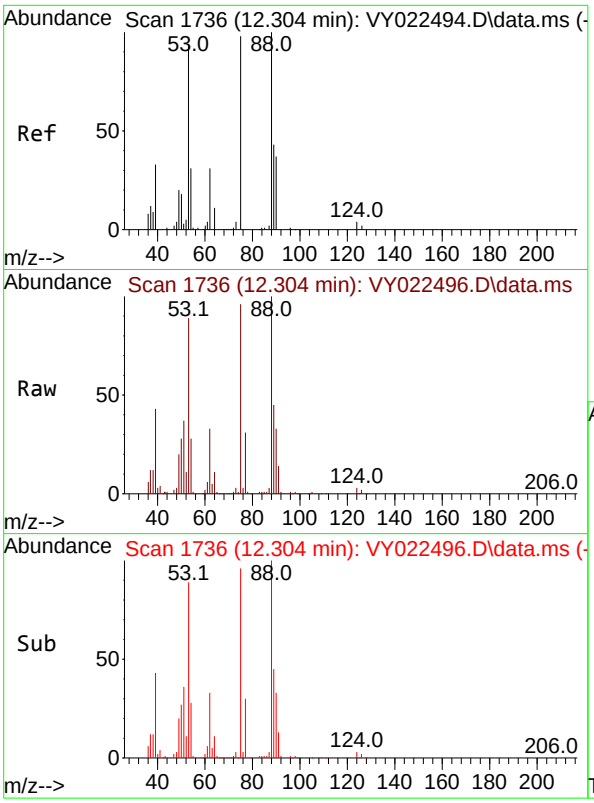


#80
1,3,5-Trimethylbenzene
Concen: 166.511 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1576906

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4



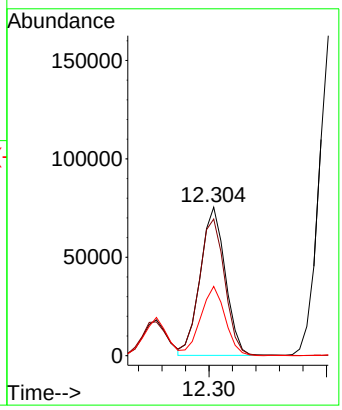


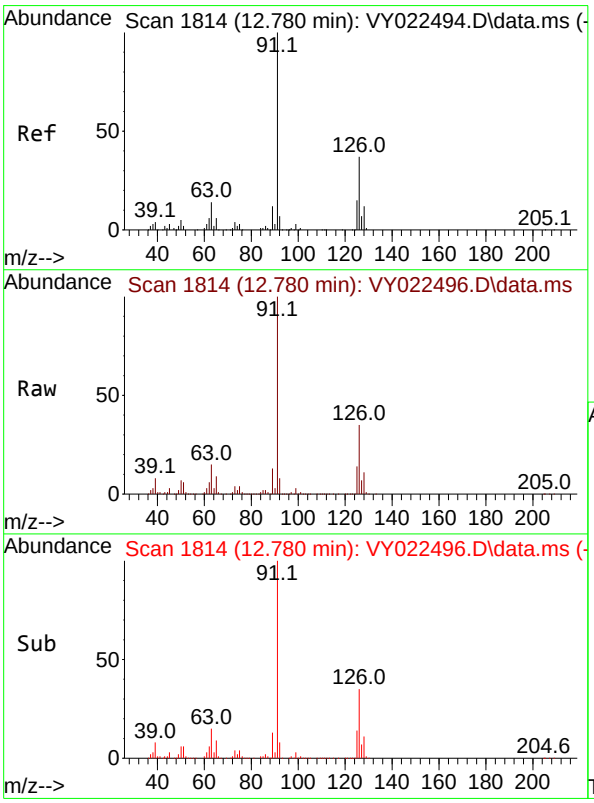
#81
trans-1,4-Dichloro-2-butene
Concen: 160.989 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 111432

Ion	Ratio	Lower	Upper
75	100		
53	93.2	78.5	117.7
89	46.1	35.7	53.5

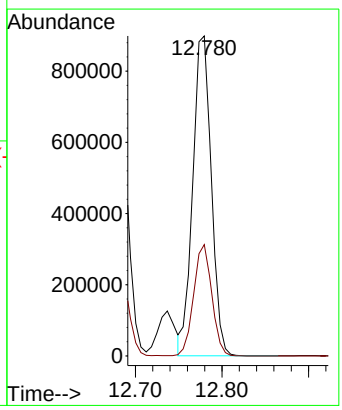


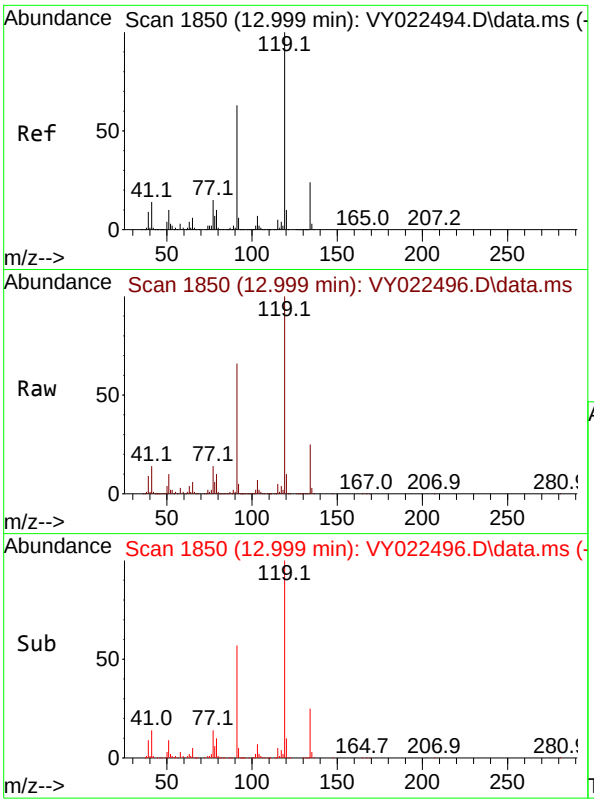


#82
4-Chlorotoluene
Concen: 165.467 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 91 Resp: 1334965

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9



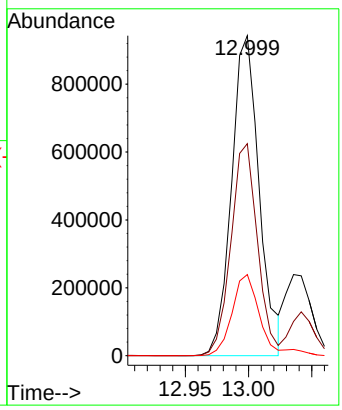


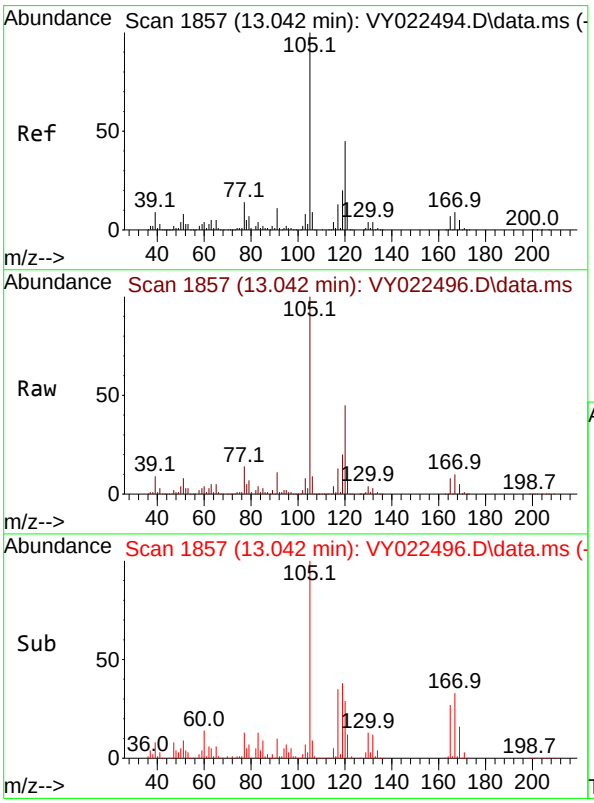
#83
tert-Butylbenzene
Concen: 166.064 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1434641

Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.1	96.3
134	25.9	13.0	38.9

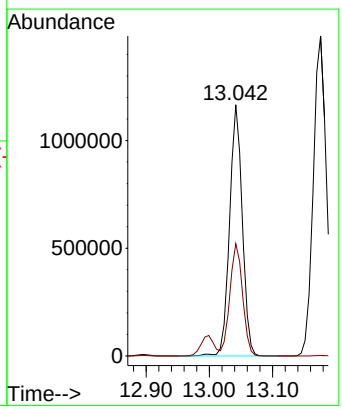


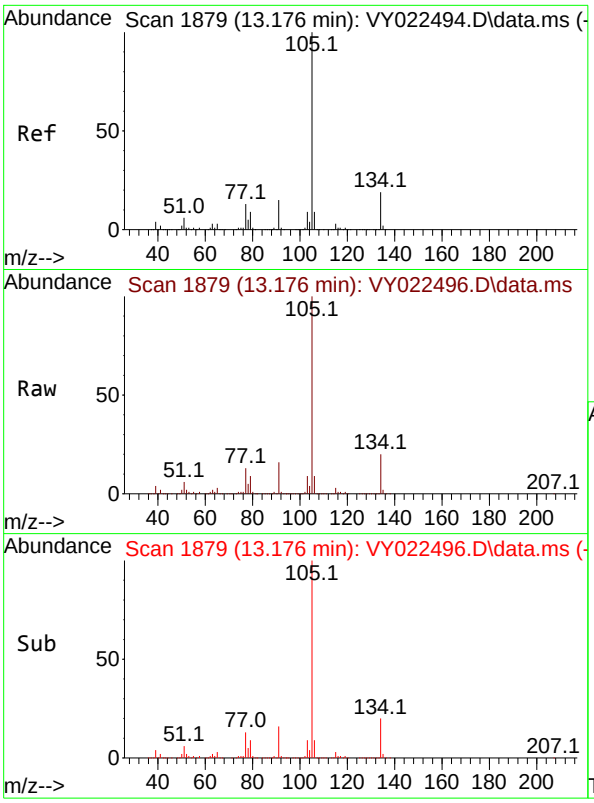


#84
1,2,4-Trimethylbenzene
Concen: 171.323 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:105 Resp: 1623289

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1



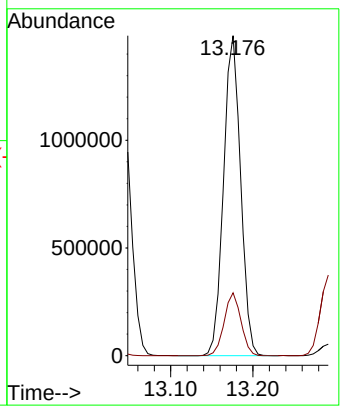


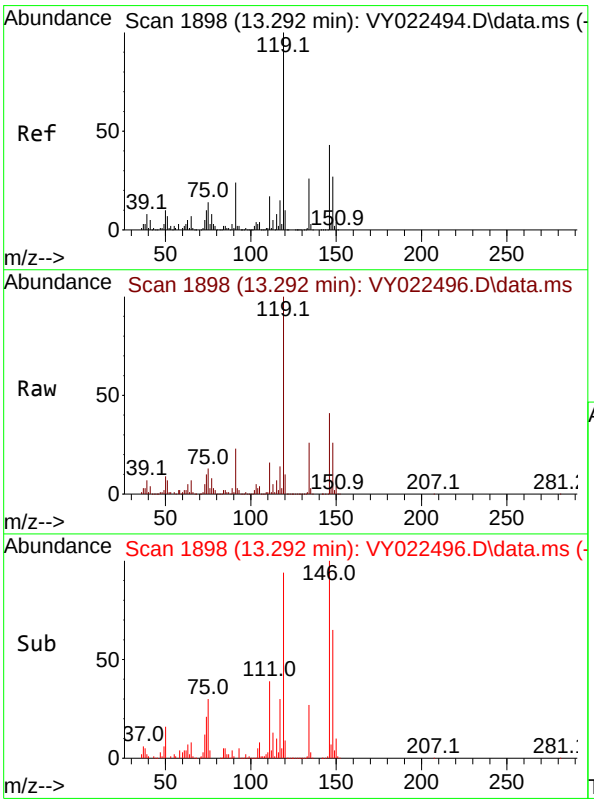
#85
sec-Butylbenzene
Concen: 163.415 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 2140445

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

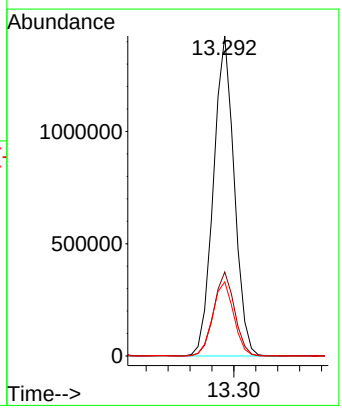


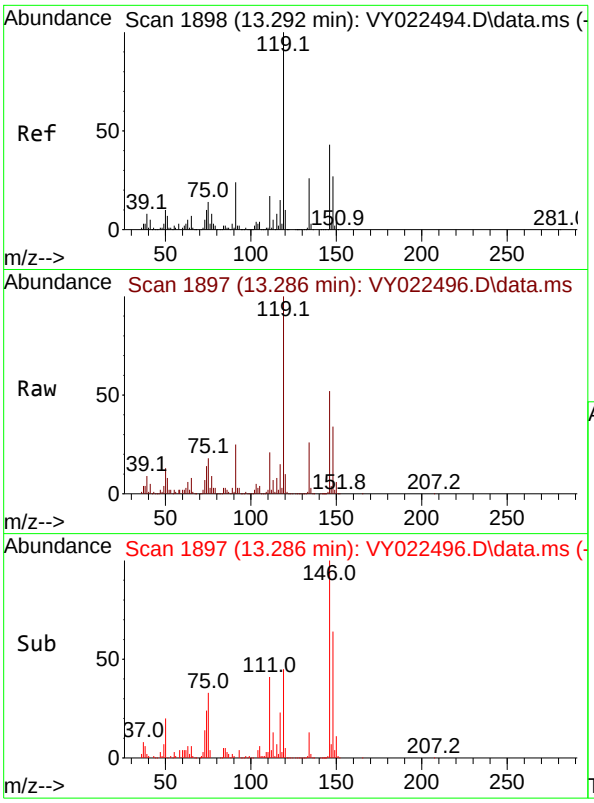


#86
p-Isopropyltoluene
Concen: 174.353 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:119 Resp: 1877539

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.6	11.6	34.8



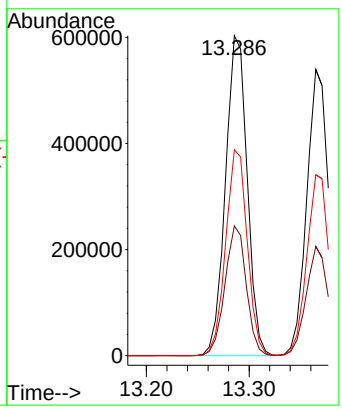


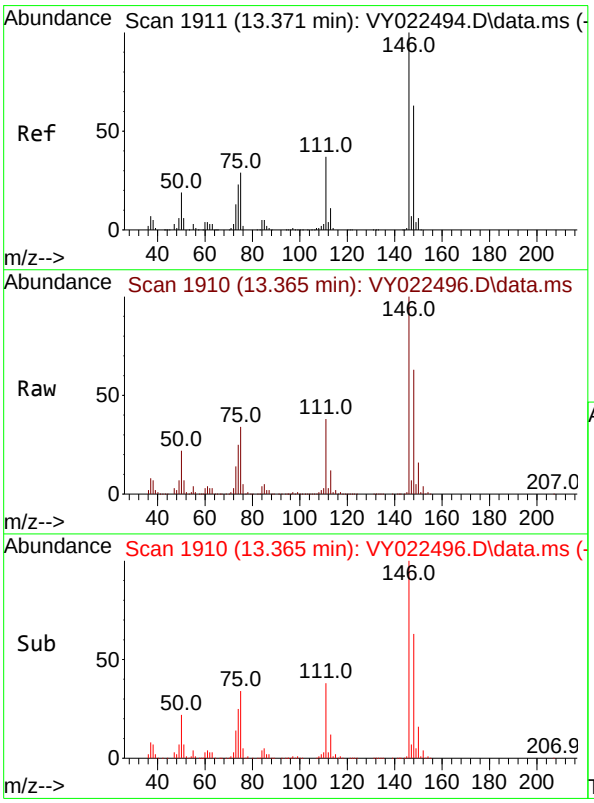
#87
1,3-Dichlorobenzene
Concen: 172.326 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 885058

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.2	32.1	96.3

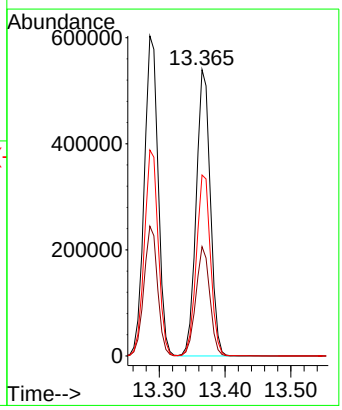


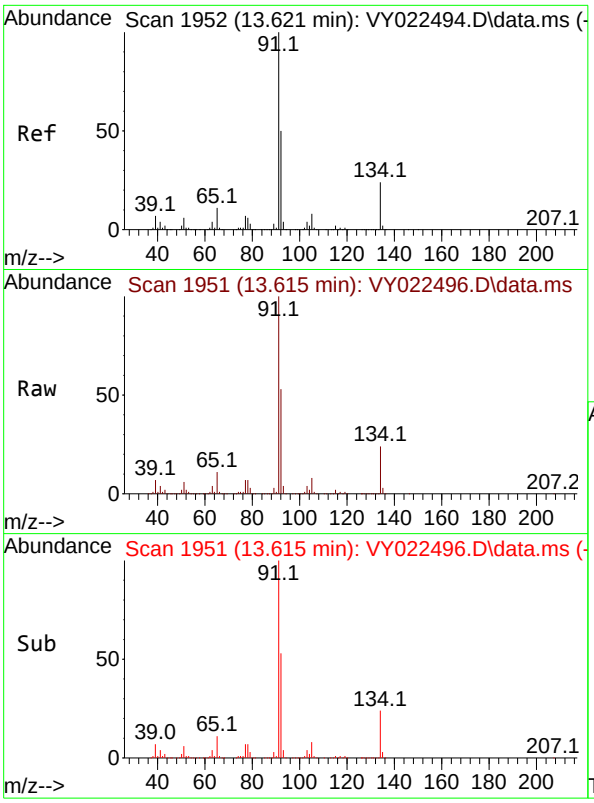


#88
1,4-Dichlorobenzene
Concen: 160.470 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:146 Resp: 803022

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.2
148	63.7	31.6	94.8



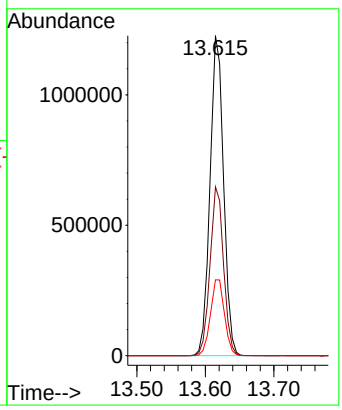


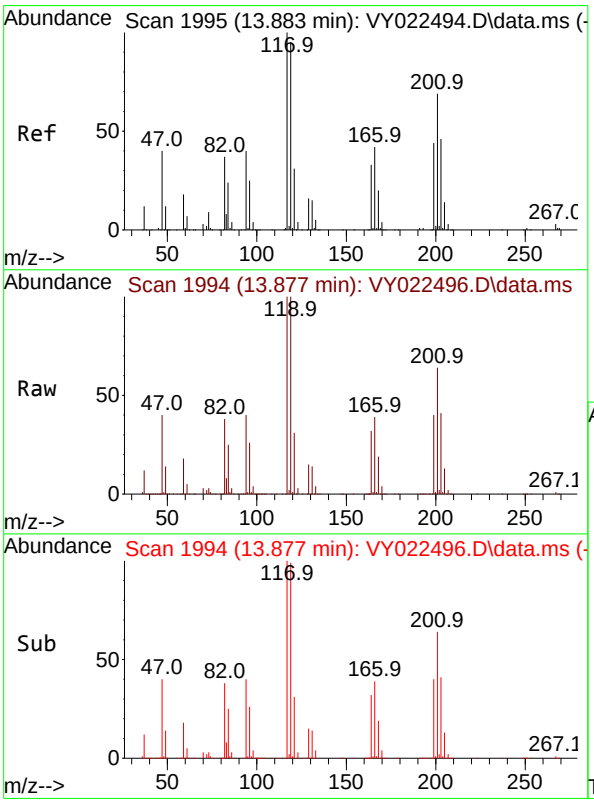
#89
n-Butylbenzene
Concen: 164.939 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1691118

Ion	Ratio	Lower	Upper
91	100		
92	52.6	25.9	77.8
134	24.6	12.0	36.1

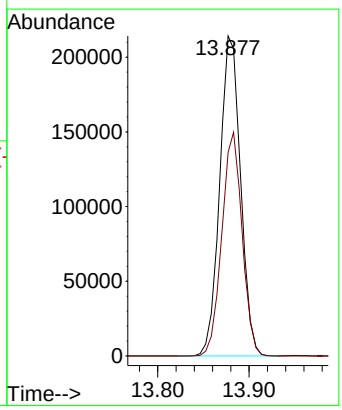


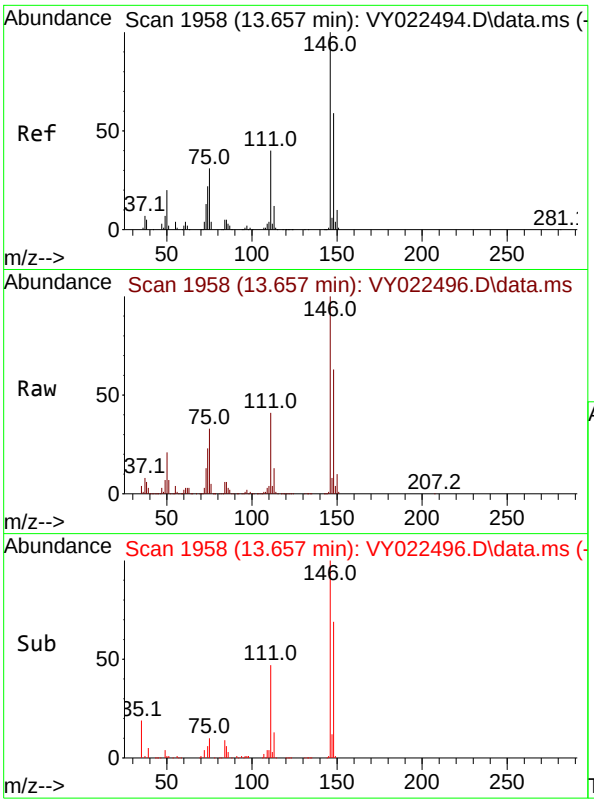


#90
Hexachloroethane
Concen: 160.801 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:117 Resp: 338845

Ion	Ratio	Lower	Upper
117	100		
201	68.2	34.0	102.0



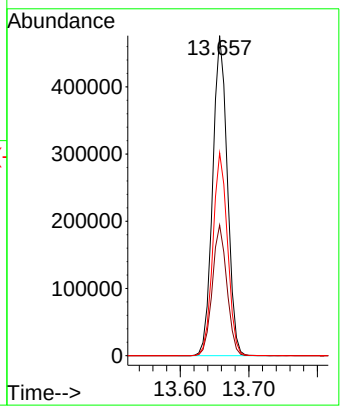


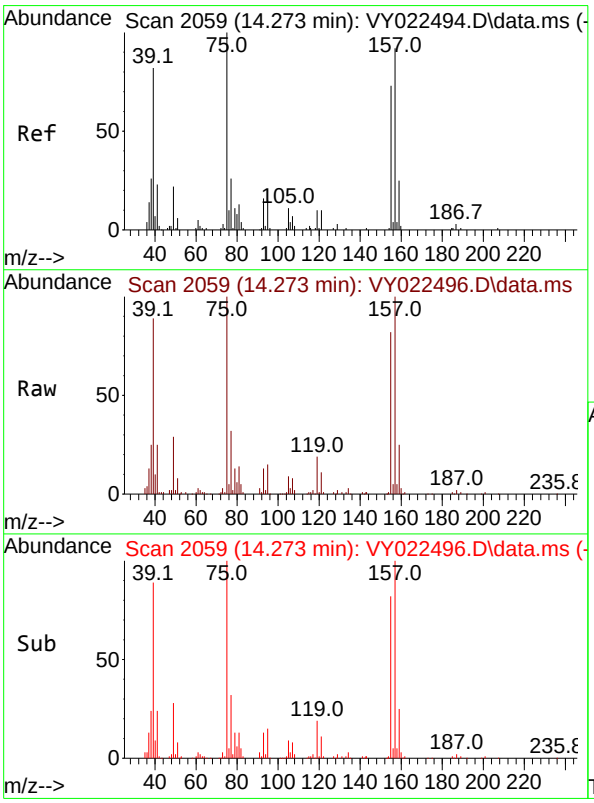
#91
1,2-Dichlorobenzene
Concen: 159.809 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 705129

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	63.2	31.4	94.0

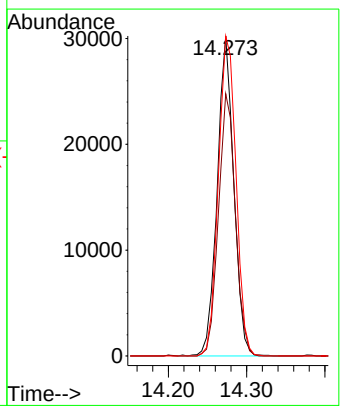


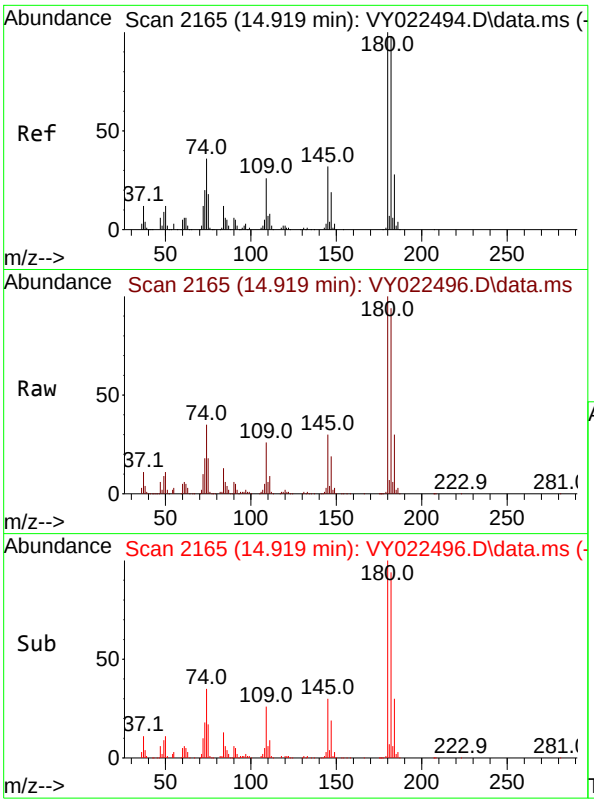


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.709 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion: 75 Resp: 44514

Ion	Ratio	Lower	Upper
75	100		
155	83.7	39.9	119.6
157	106.5	54.0	162.0



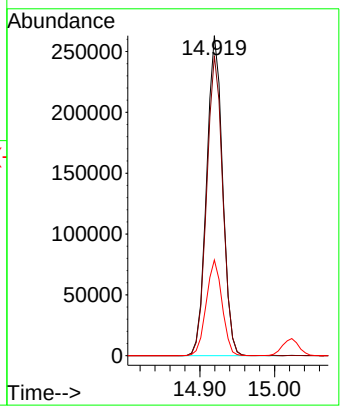


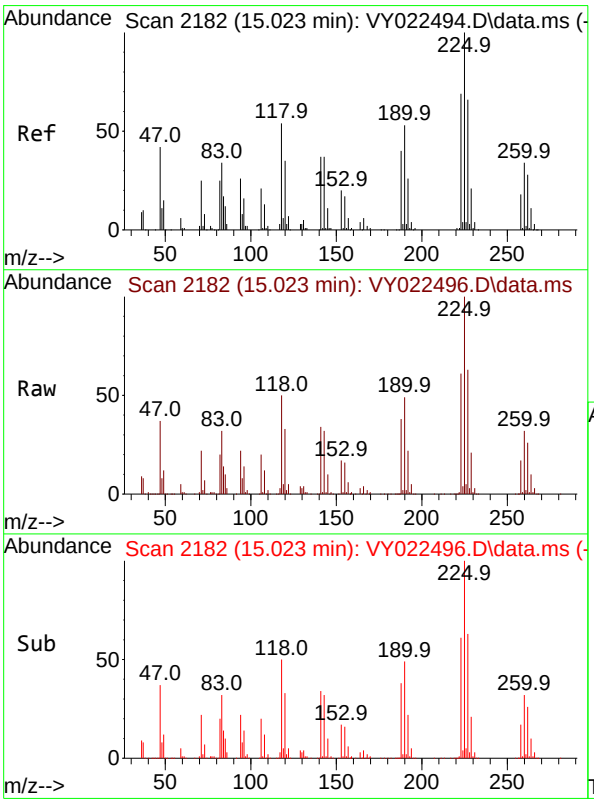
#93
1,2,4-Trichlorobenzene
Concen: 161.773 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 390170

Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	29.7	15.5	46.5

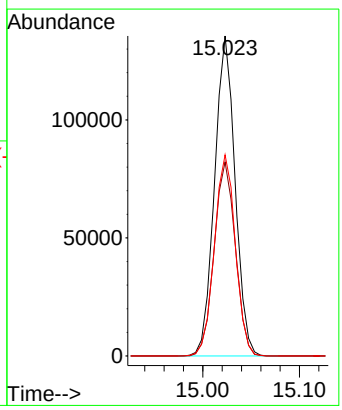


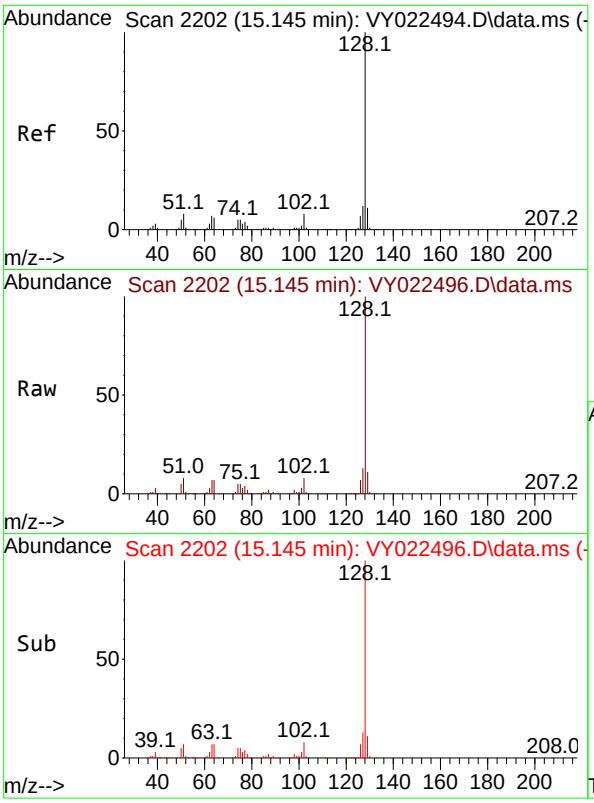


#94
Hexachlorobutadiene
Concen: 151.389 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:225 Resp: 199423

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.4
227	64.2	32.3	96.9



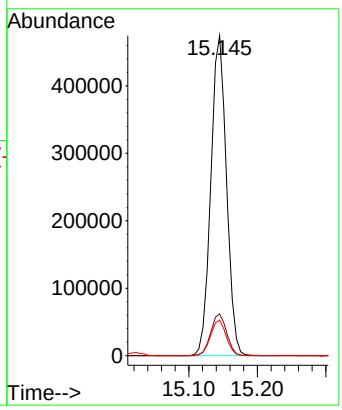


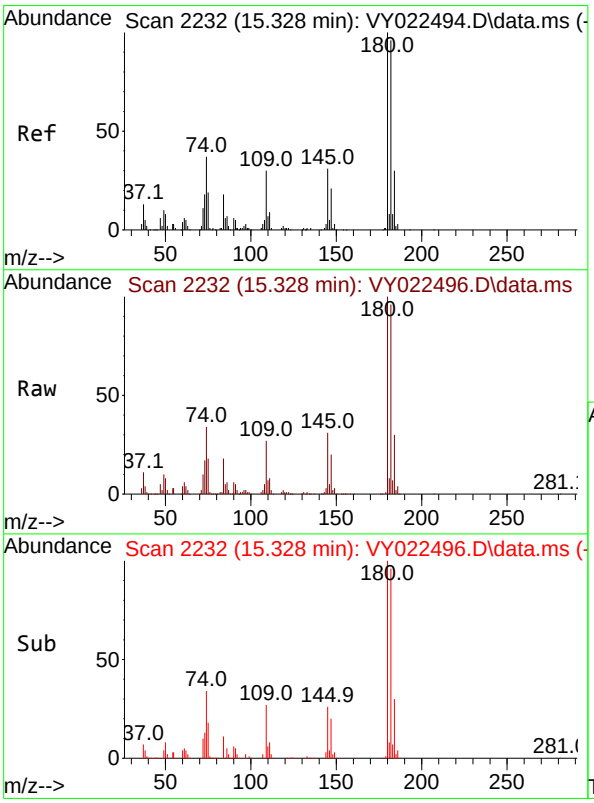
#95
Naphthalene
Concen: 162.970 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 753279

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.9	13.3

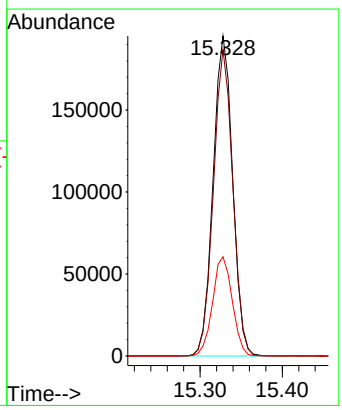




#96
1,2,3-Trichlorobenzene
Concen: 157.072 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022496.D
Acq: 02 Jun 2025 13:39

Tgt Ion:180 Resp: 321960

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	31.3	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	219240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	365013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106759	43.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 87.080%			
35) Dibromofluoromethane	7.634	113	101692	46.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.360%			
50) Toluene-d8	10.109	98	411640	46.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.520%			
62) 4-Bromofluorobenzene	12.408	95	120253	45.847	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	84059	42.825	ug/l	99
3) Chloromethane	2.068	50	276116	47.616	ug/l	100
4) Vinyl Chloride	2.202	62	323338	48.066	ug/l	97
5) Bromomethane	2.599	94	274123	42.515	ug/l	99
6) Chloroethane	2.733	64	205816	44.575	ug/l	96
7) Trichlorofluoromethane	3.050	101	271122	47.475	ug/l	96
8) Diethyl Ether	3.458	74	56906	44.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108788	45.230	ug/l	99
10) Methyl Iodide	4.007	142	116830	44.885	ug/l	100
11) Tert butyl alcohol	4.879	59	36036	205.761	ug/l	97
12) 1,1-Dichloroethene	3.787	96	106297	46.234	ug/l	98
13) Acrolein	3.653	56	48776	223.473	ug/l	98
14) Allyl chloride	4.385	41	165428	45.834	ug/l	99
15) Acrylonitrile	5.061	53	118175	216.963	ug/l	100
16) Acetone	3.873	43	110479	221.854	ug/l	99
17) Carbon Disulfide	4.104	76	341772	46.432	ug/l	100
18) Methyl Acetate	4.391	43	57416	38.935	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	284761	43.974	ug/l	99
20) Methylene Chloride	4.616	84	115624	40.875	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	118427	46.024	ug/l	95
22) Diisopropyl ether	6.019	45	354328	44.104	ug/l	96
23) Vinyl Acetate	5.964	43	1064896	223.951	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217965	46.053	ug/l	98
25) 2-Butanone	6.897	43	158557	220.736	ug/l	98
26) 2,2-Dichloropropane	6.890	77	195035	46.639	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136882	46.024	ug/l	99
28) Bromochloromethane	7.244	49	96031	46.547	ug/l	100
29) Tetrahydrofuran	7.262	42	98109	211.767	ug/l	100
30) Chloroform	7.427	83	215264	45.919	ug/l	94
31) Cyclohexane	7.701	56	206176	43.757	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	194039	46.627	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166116	46.978	ug/l	99
37) Ethyl Acetate	6.988	43	68761	43.605	ug/l	98
38) Carbon Tetrachloride	7.823	117	173199	47.747	ug/l	97
39) Methylcyclohexane	9.110	83	222971	46.923	ug/l	99
40) Benzene	8.085	78	491078	47.020	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	39730	43.134	ug/l		99
42) 1,2-Dichloroethane	8.158	62	130161	45.644	ug/l		98
43) Isopropyl Acetate	8.201	43	150263	44.122	ug/l	#	88
44) Trichloroethene	8.866	130	118971	46.609	ug/l		97
45) 1,2-Dichloropropane	9.140	63	114988	46.587	ug/l		96
46) Dibromomethane	9.231	93	64473	46.430	ug/l		98
47) Bromodichloromethane	9.427	83	164872	46.825	ug/l		100
48) Methyl methacrylate	9.219	41	70644	44.198	ug/l		98
49) 1,4-Dioxane	9.231	88	13433	816.553	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.000	43	372276	219.250	ug/l		98
52) Toluene	10.170	92	309375	47.137	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	152066	46.094	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	177445	46.206	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	79596	44.953	ug/l		96
56) Ethyl methacrylate	10.439	69	115237	45.029	ug/l		99
57) 1,3-Dichloropropane	10.719	76	143407	45.696	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	283213	243.746	ug/l		99
59) 2-Hexanone	10.762	43	249926	220.088	ug/l		99
60) Dibromochloromethane	10.914	129	101515	45.114	ug/l		100
61) 1,2-Dibromoethane	11.018	107	74173	45.960	ug/l		97
64) Tetrachloroethene	10.646	164	121944	45.398	ug/l		98
65) Chlorobenzene	11.444	112	317533	45.953	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105830	45.464	ug/l		98
67) Ethyl Benzene	11.518	91	605560	47.248	ug/l		99
68) m/p-Xylenes	11.633	106	454148	93.473	ug/l		100
69) o-Xylene	11.957	106	209354	45.959	ug/l		98
70) Styrene	11.969	104	352505	46.815	ug/l		98
71) Bromoform	12.133	173	55559	44.852	ug/l	#	98
73) Isopropylbenzene	12.255	105	559690	46.933	ug/l		100
74) N-amyl acetate	12.072	43	136915	45.502	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87402	44.656	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	122591	73.772	ug/l	#	100
77) Bromobenzene	12.536	156	114771	45.607	ug/l		100
78) n-propylbenzene	12.597	91	680155	46.696	ug/l		99
79) 2-Chlorotoluene	12.682	91	358756	46.472	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	438873	46.876	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	29567	42.968	ug/l		100
82) 4-Chlorotoluene	12.780	91	368631	46.289	ug/l		100
83) tert-Butylbenzene	12.999	119	400440	47.655	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	437631	46.735	ug/l		99
85) sec-Butylbenzene	13.176	105	607968	47.241	ug/l		100
86) p-Isopropyltoluene	13.292	119	501979	47.321	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	234193	45.932	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	223096	45.113	ug/l		98
89) n-Butylbenzene	13.621	91	482774	47.968	ug/l		100
90) Hexachloroethane	13.883	117	97273	47.101	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	195728	45.213	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12728	44.665	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	109742	46.481	ug/l		97
94) Hexachlorobutadiene	15.023	225	59236	45.457	ug/l		98
95) Naphthalene	15.145	128	203925	45.009	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	89699	44.331	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

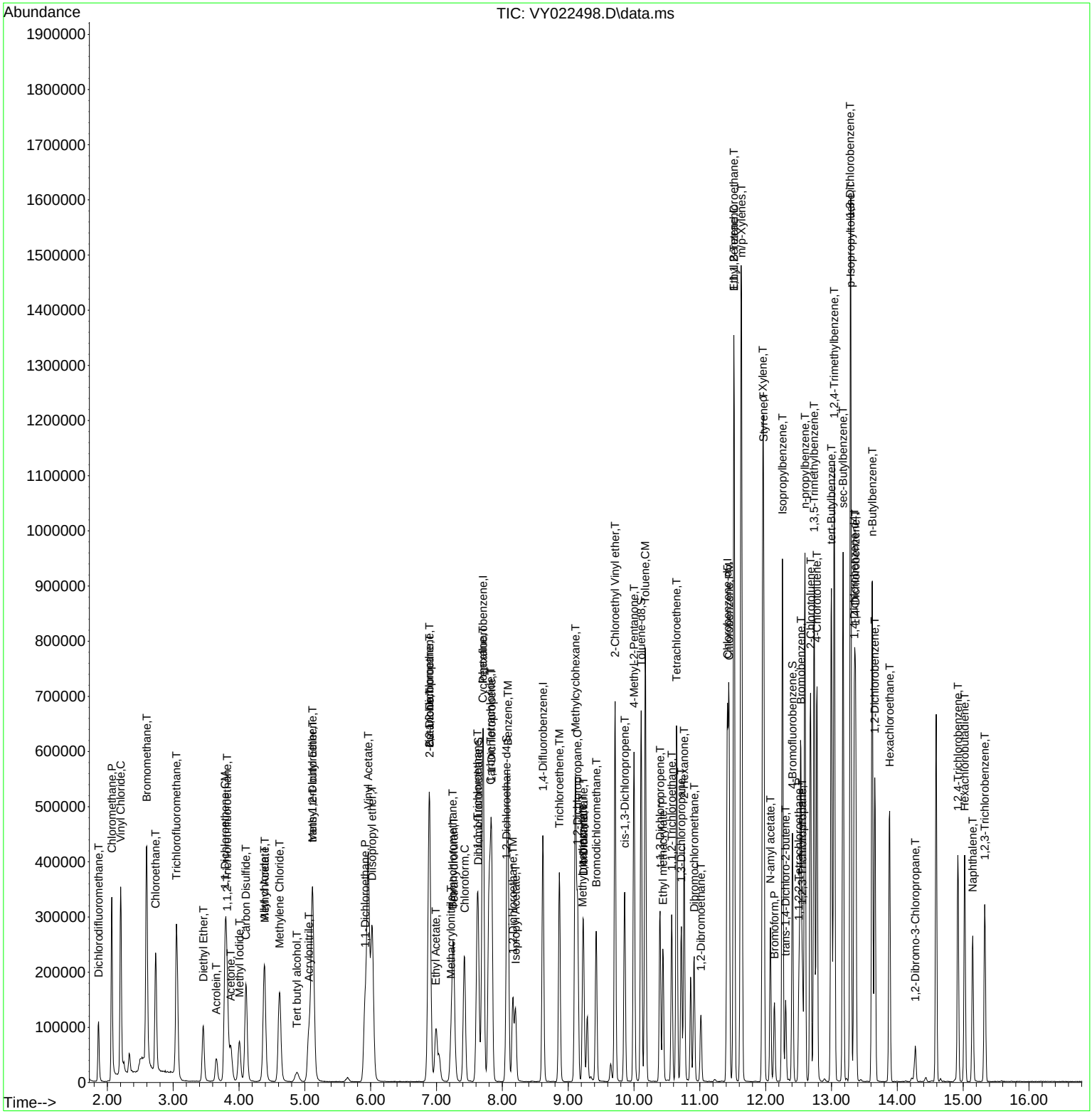
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

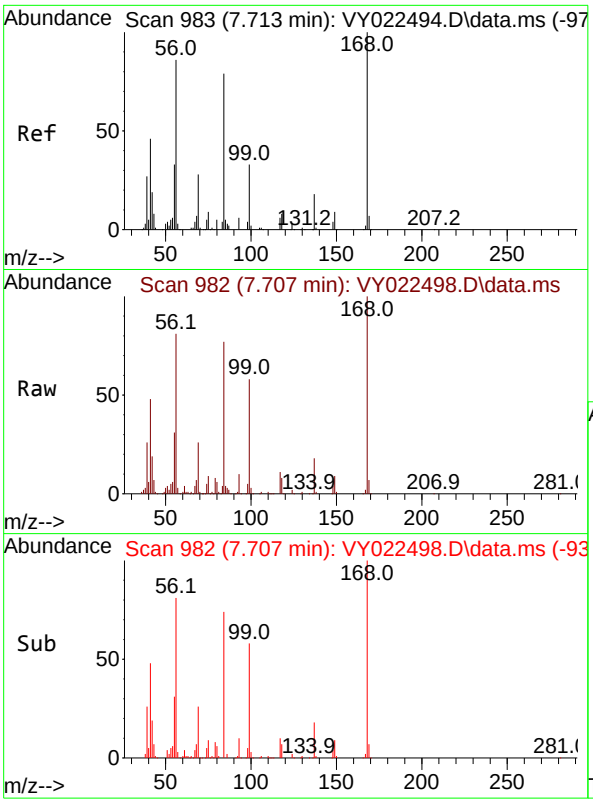
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022498.D
Acq On : 02 Jun 2025 14:59
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Quant Time: Jun 03 03:24:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



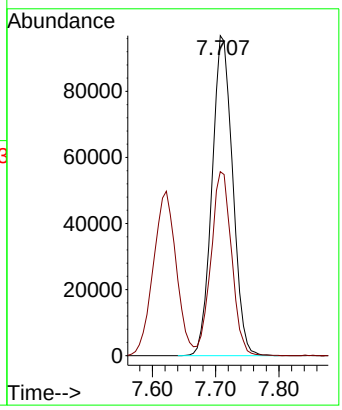


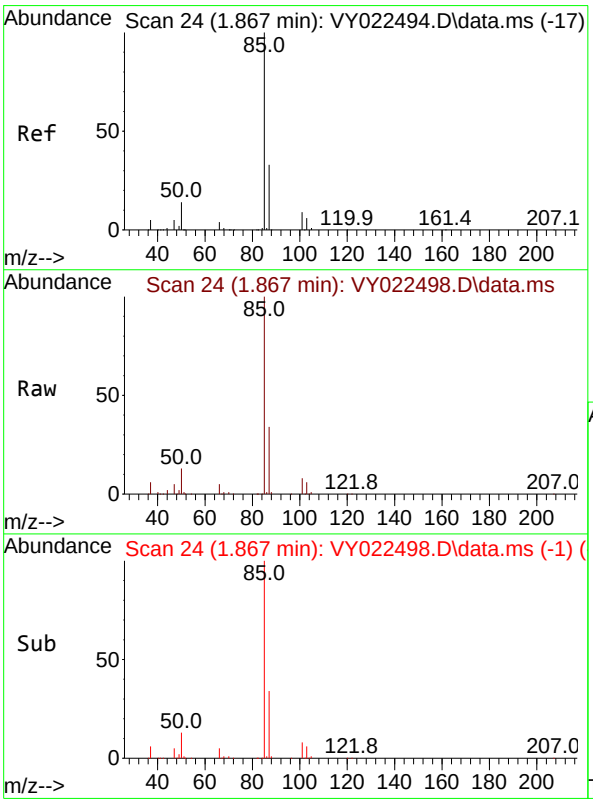
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:168 Resp: 219240

Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.3	66.5

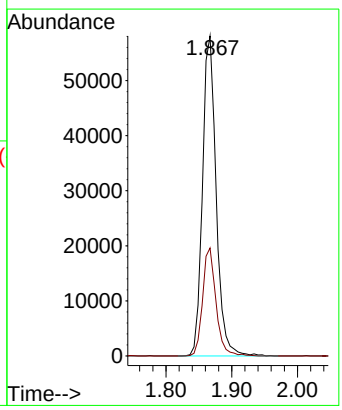


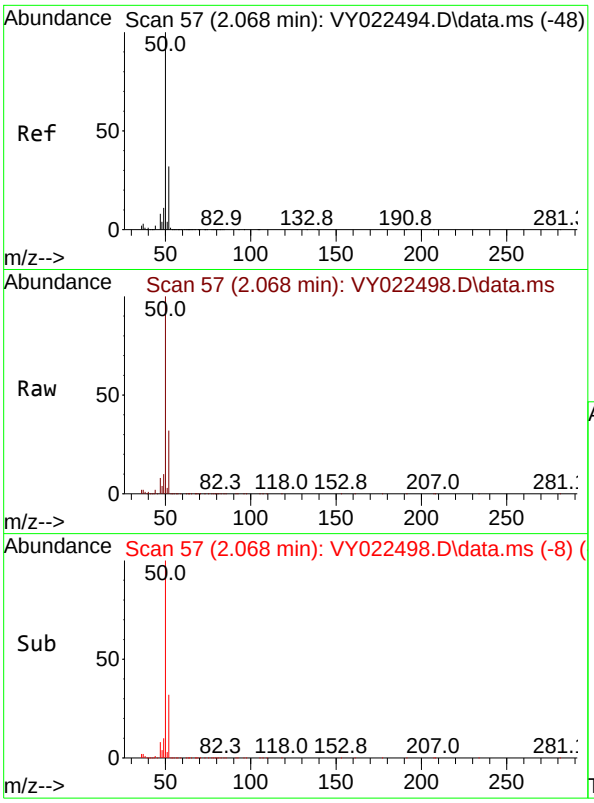


#2
Dichlorodifluoromethane
Concen: 42.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 85 Resp: 84059

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.7	50.0



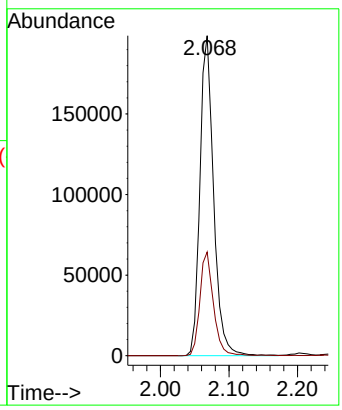


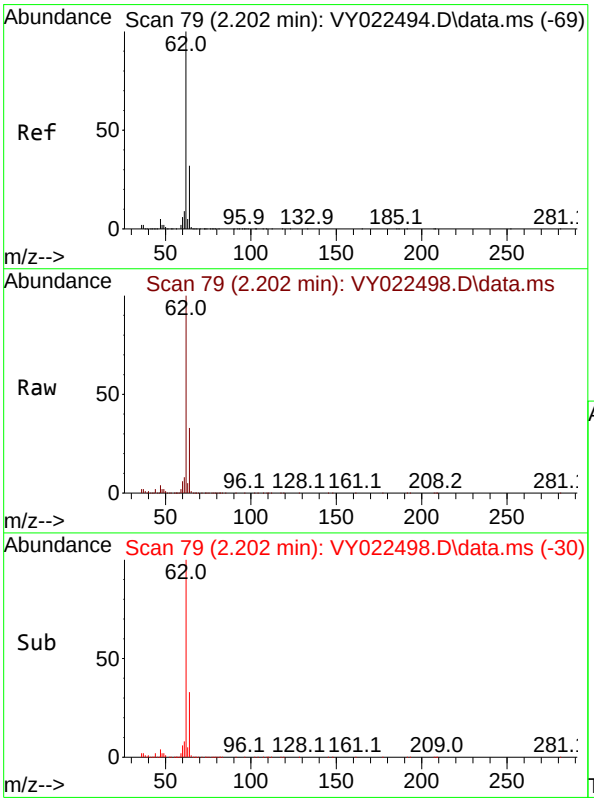
#3
Chloromethane
Concen: 47.616 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 50 Resp: 276116

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

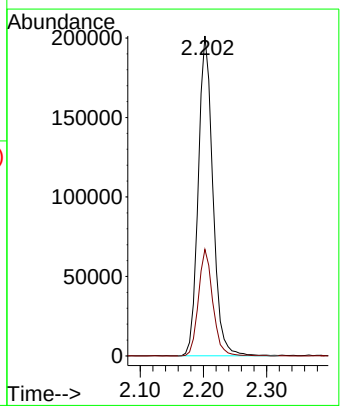


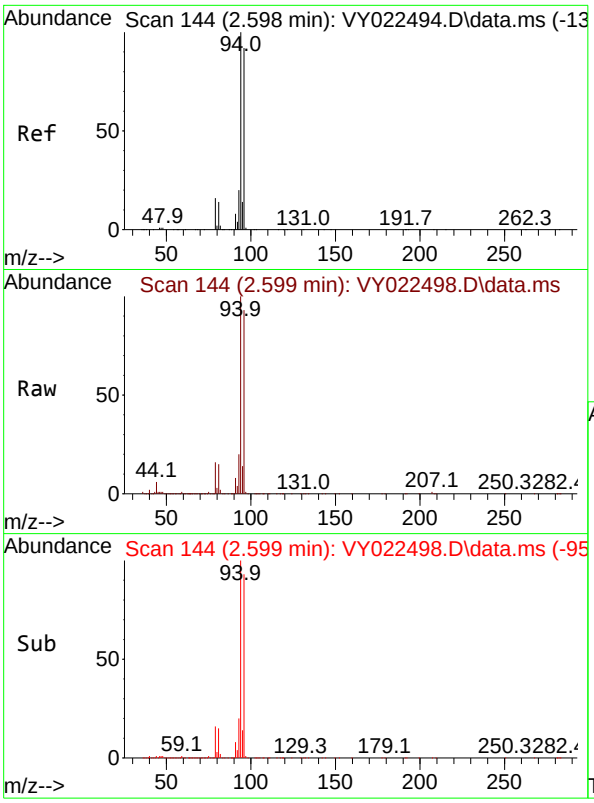


#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 323338

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9



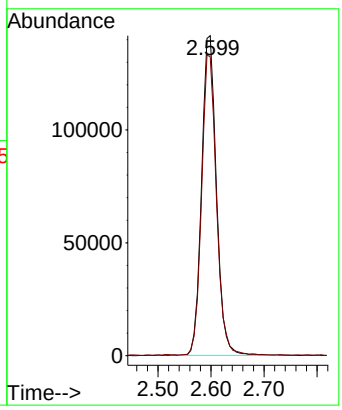


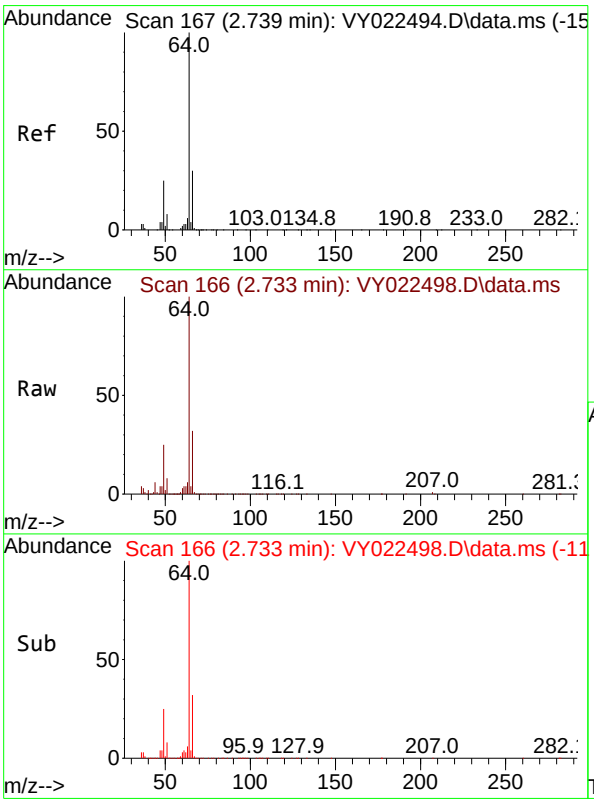
#5
Bromomethane
Concen: 42.515 ug/l
RT: 2.599 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 94 Resp: 274123

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.0	111.0

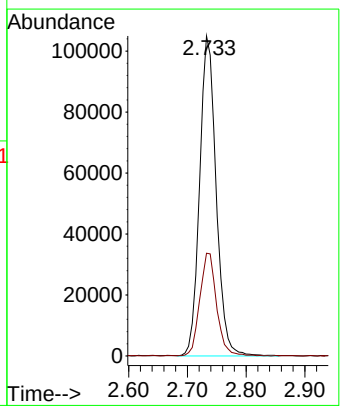


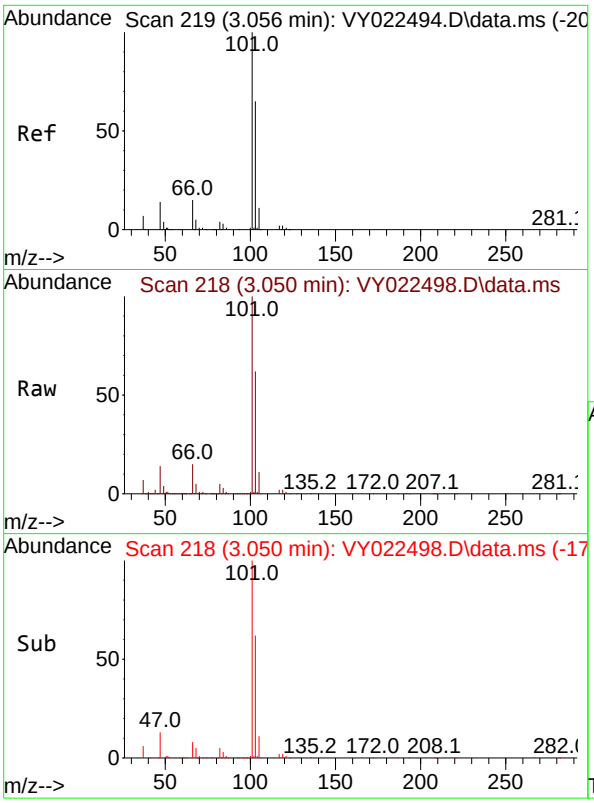


#6
Chloroethane
Concen: 44.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 64 Resp: 205816

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.8	35.6



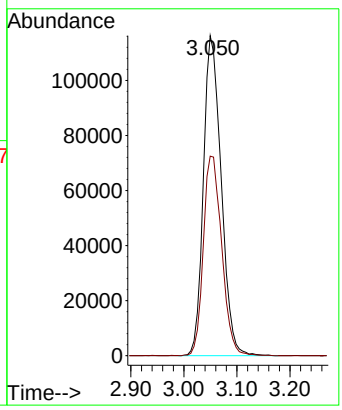


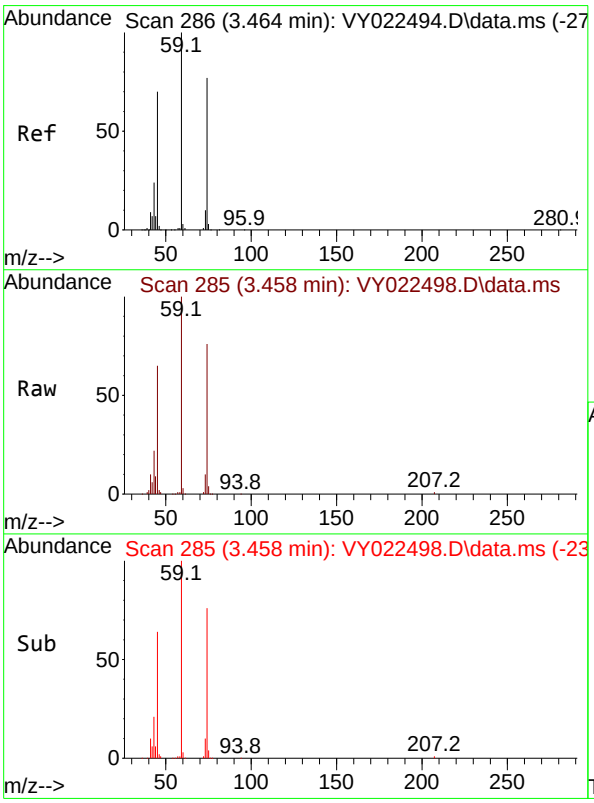
#7
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:101 Resp: 271122

Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.2

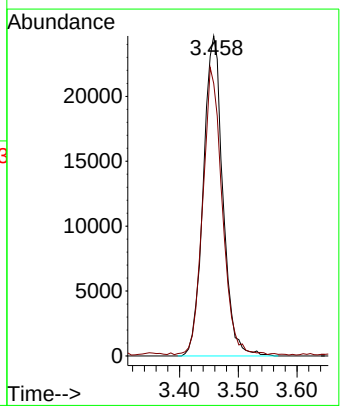


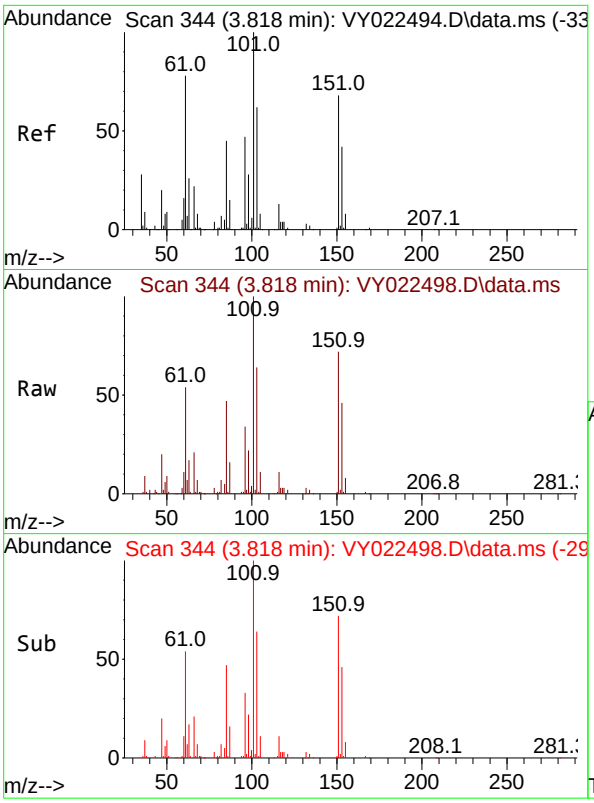


#8
Diethyl Ether
Concen: 44.247 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 74 Resp: 56906

Ion	Ratio	Lower	Upper
74	100		
45	89.1	45.9	137.6



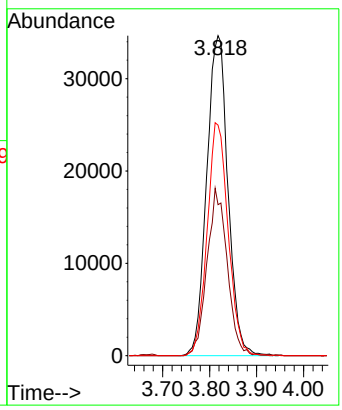


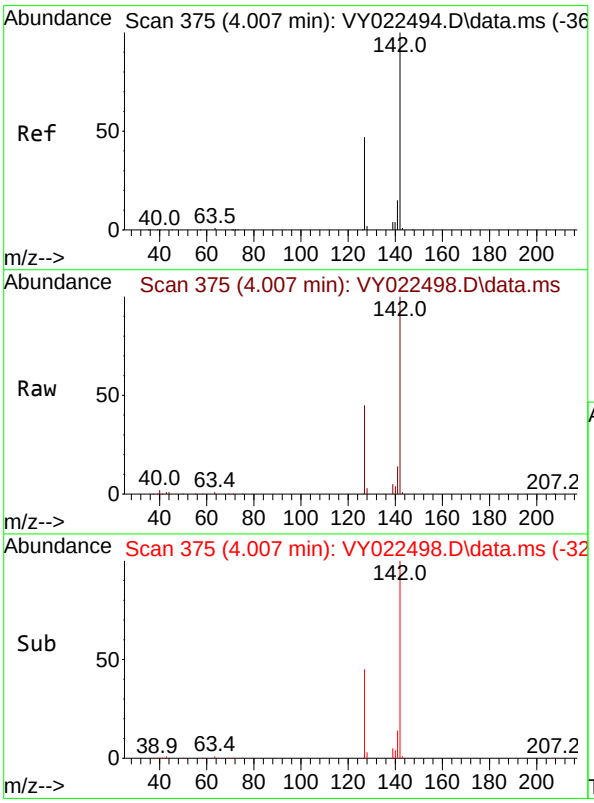
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.230 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:101 Resp: 108788

Ion	Ratio	Lower	Upper
101	100		
85	49.7	39.3	58.9
151	71.8	57.8	86.8

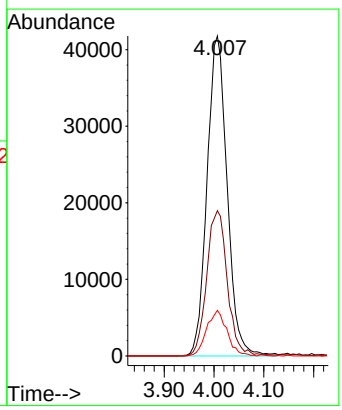


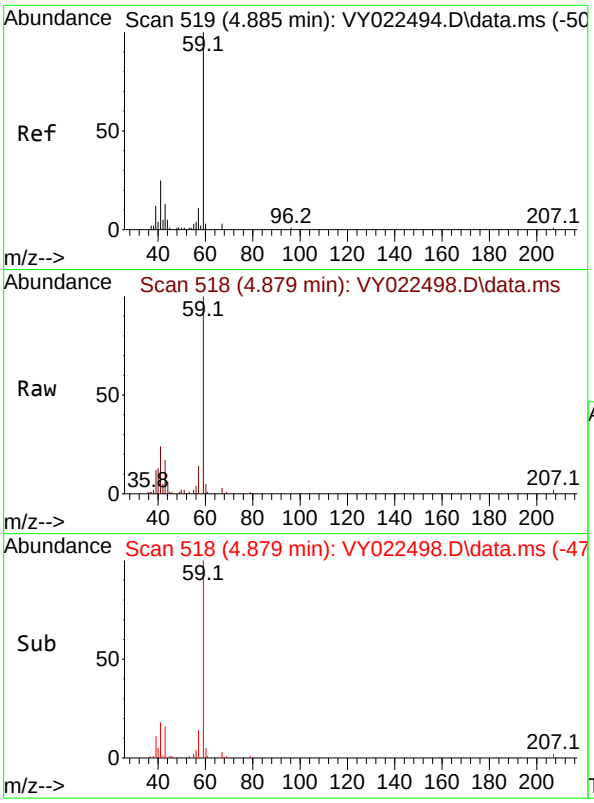


#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:142 Resp: 116830

Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.1	55.7
141	14.5	11.4	17.2



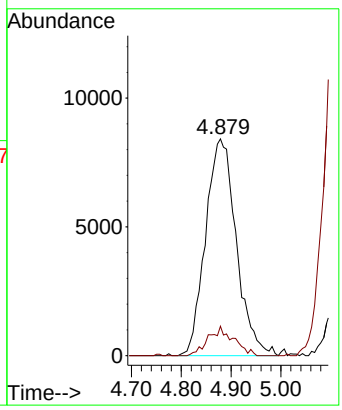


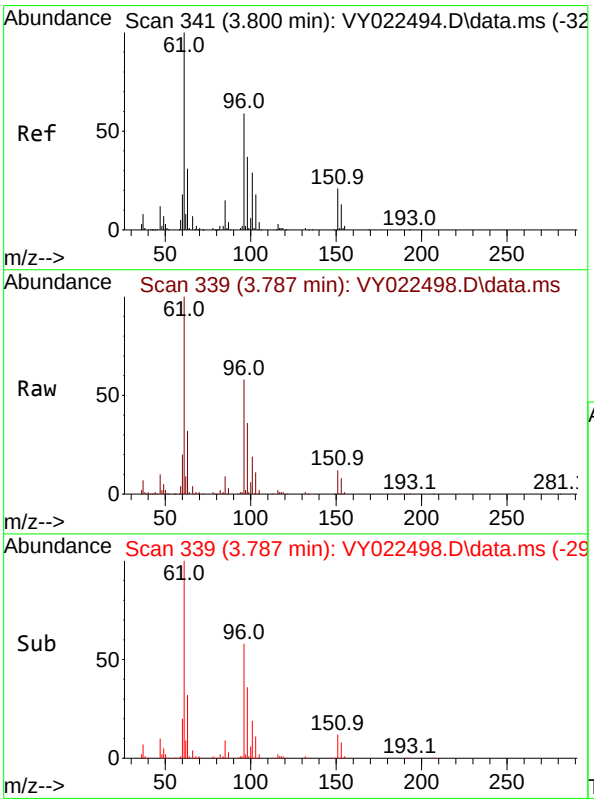
#11
Tert butyl alcohol
Concen: 205.761 ug/l
RT: 4.879 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 59 Resp: 36036

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.0	12.0

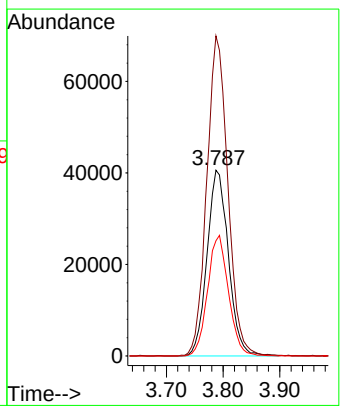


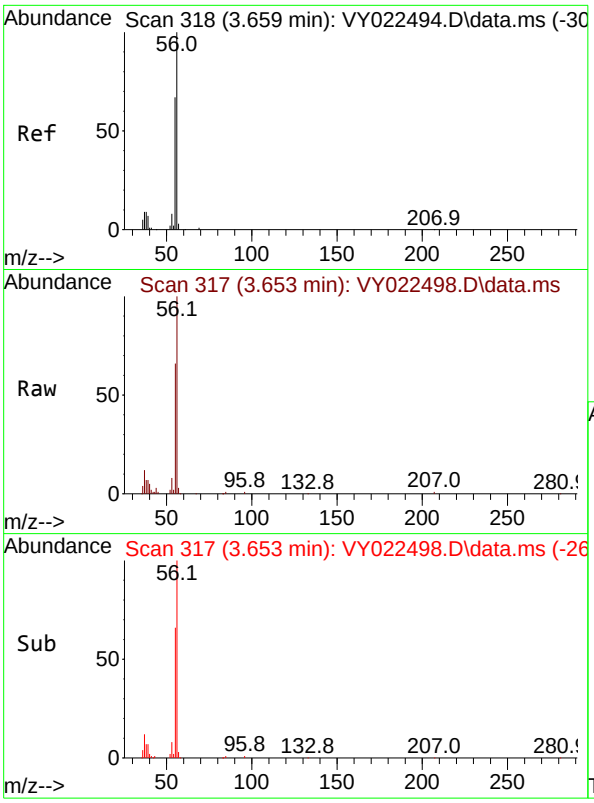


#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 106297

Ion	Ratio	Lower	Upper
96	100		
61	172.2	134.6	201.8
98	62.0	50.2	75.4



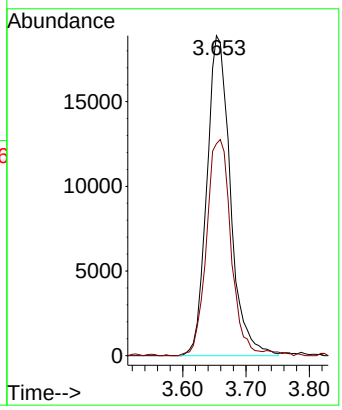


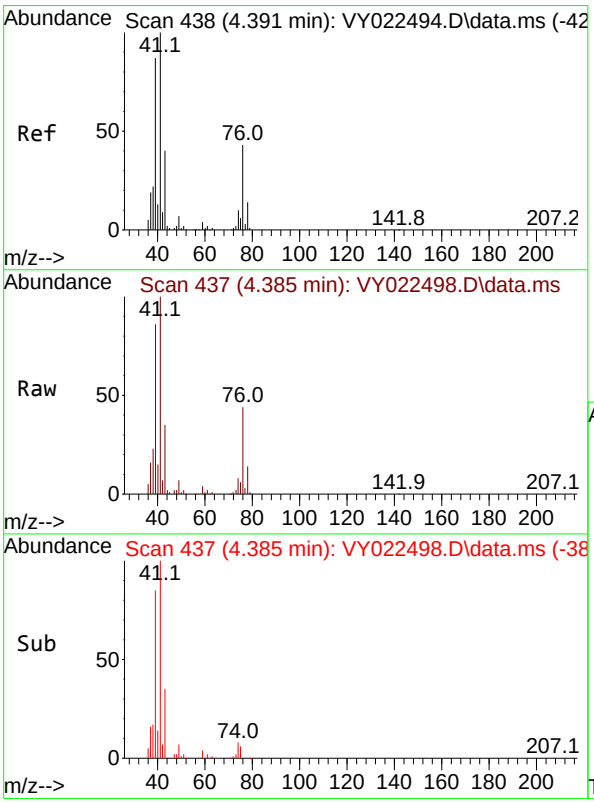
#13
Acrolein
Concen: 223.473 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 56 Resp: 48776

Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.0	85.6

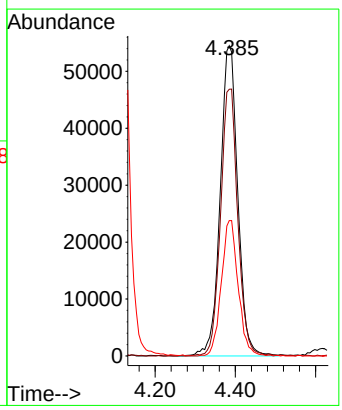


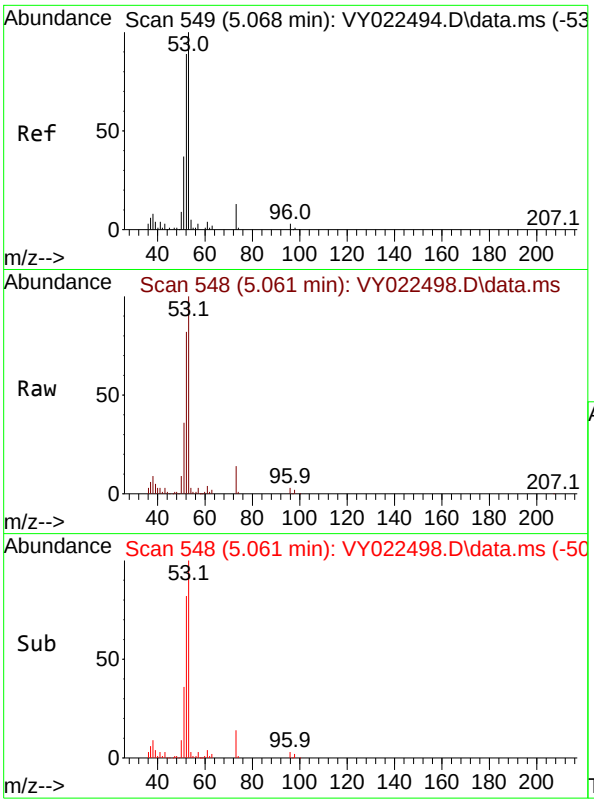


#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 165428

Ion	Ratio	Lower	Upper
41	100		
39	84.5	69.1	103.7
76	41.9	33.5	50.3



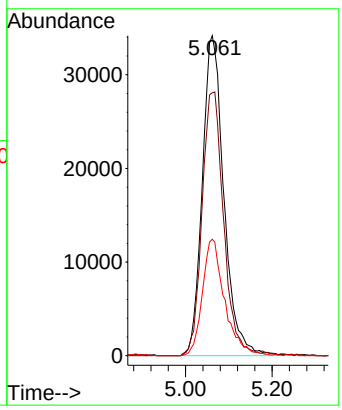


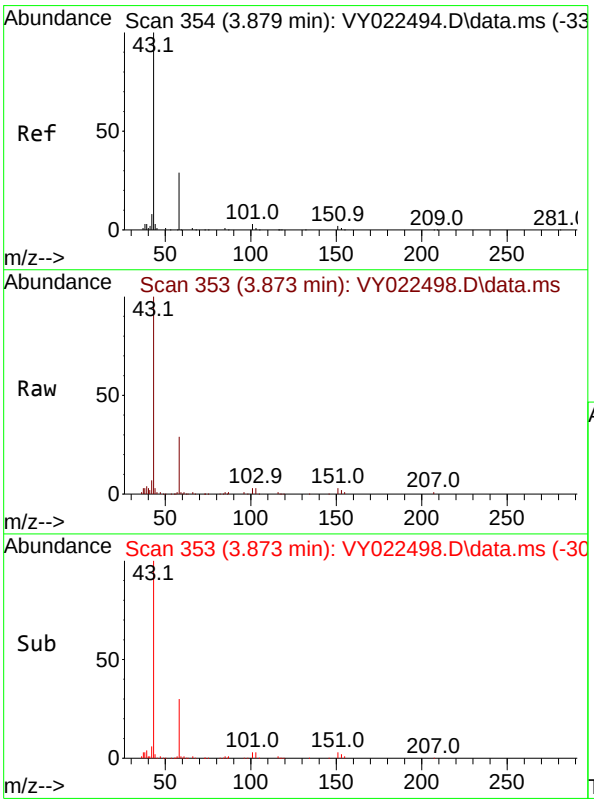
#15
Acrylonitrile
Concen: 216.963 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 53 Resp: 118175

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.5	30.1	45.1

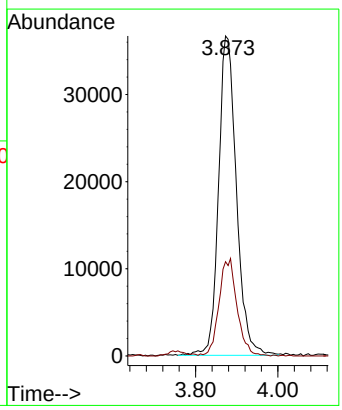


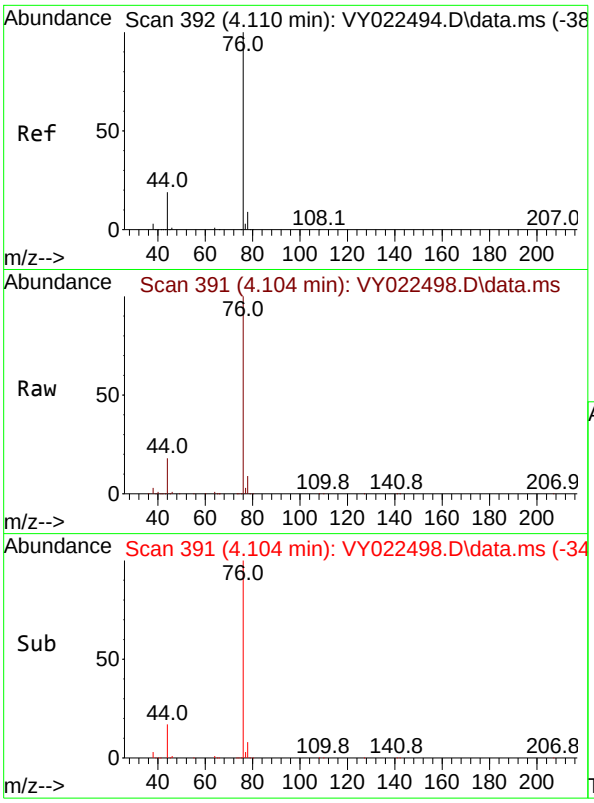


#16
Acetone
Concen: 221.854 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 110479

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0



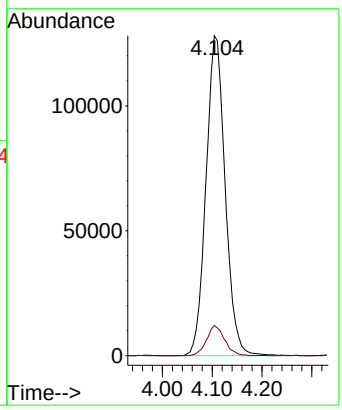


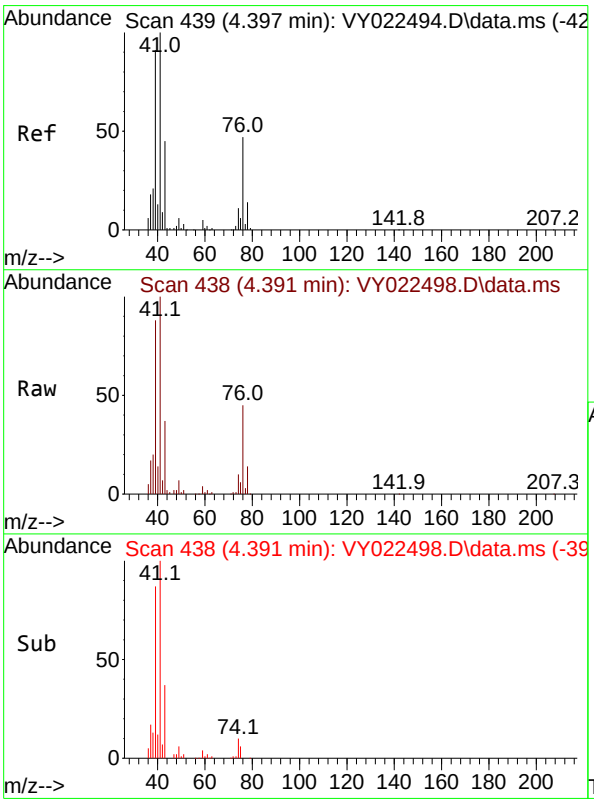
#17
Carbon Disulfide
Concen: 46.432 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 76 Resp: 341772

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

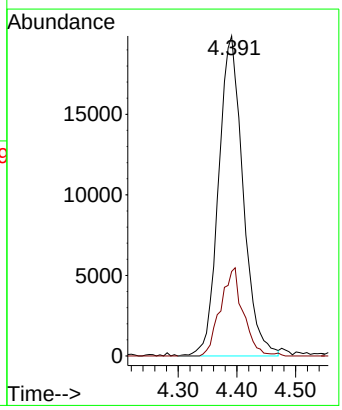


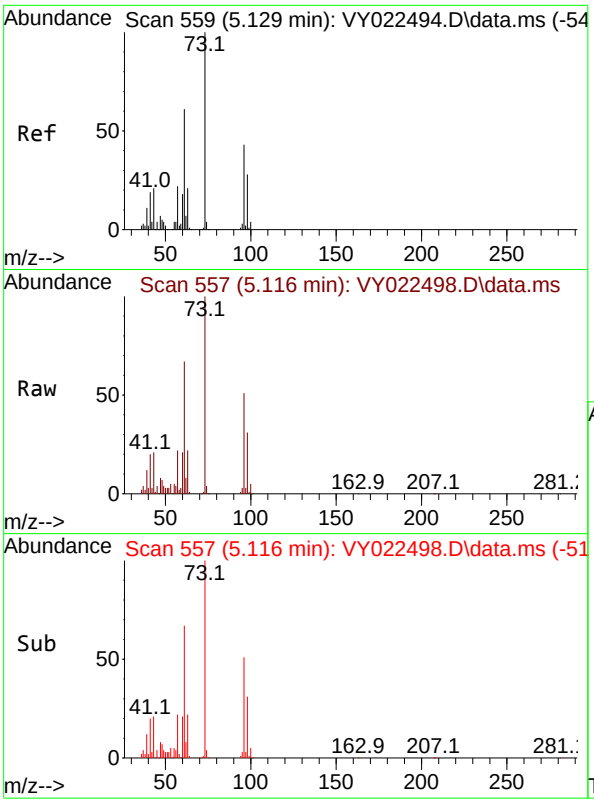


#18
Methyl Acetate
Concen: 38.935 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 57416

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6



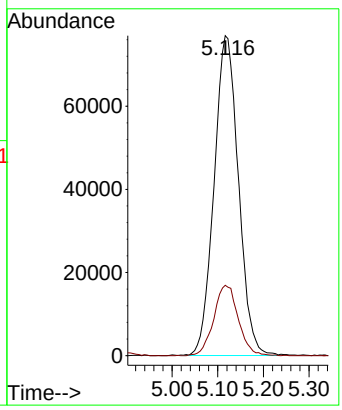


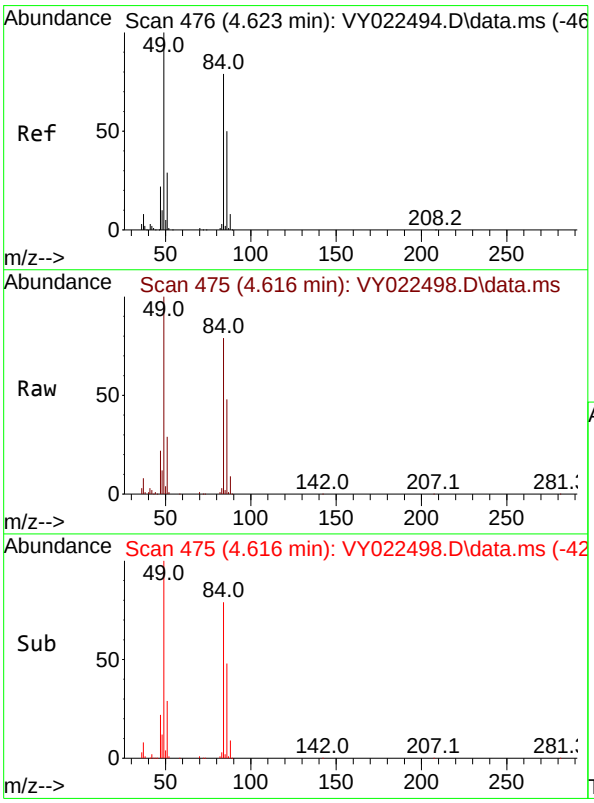
#19
Methyl tert-butyl Ether
Concen: 43.974 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 73 Resp: 284761

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.4	26.0

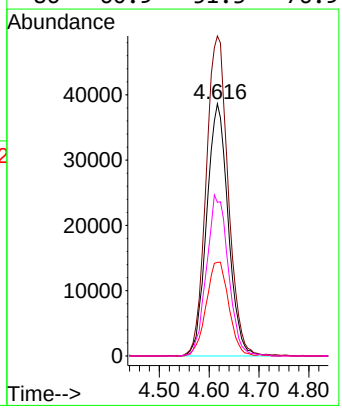


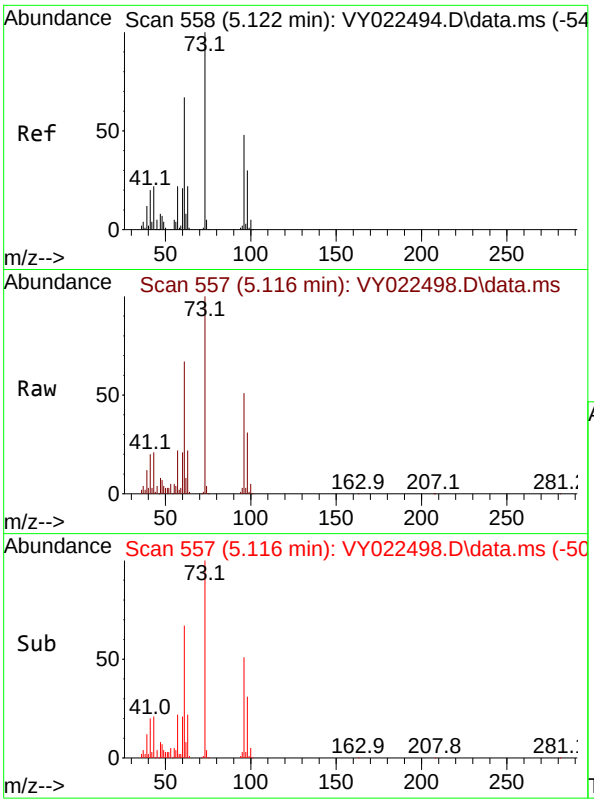


#20
Methylene Chloride
Concen: 40.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 84 Resp: 115624

Ion	Ratio	Lower	Upper
84	100		
49	126.9	101.9	152.9
51	37.1	29.8	44.8
86	60.9	51.3	76.9



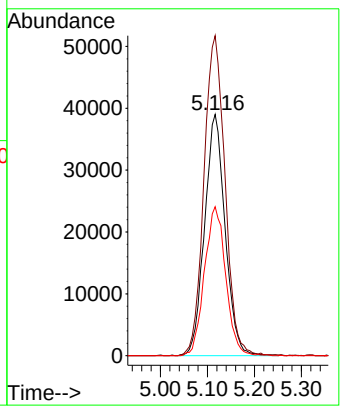


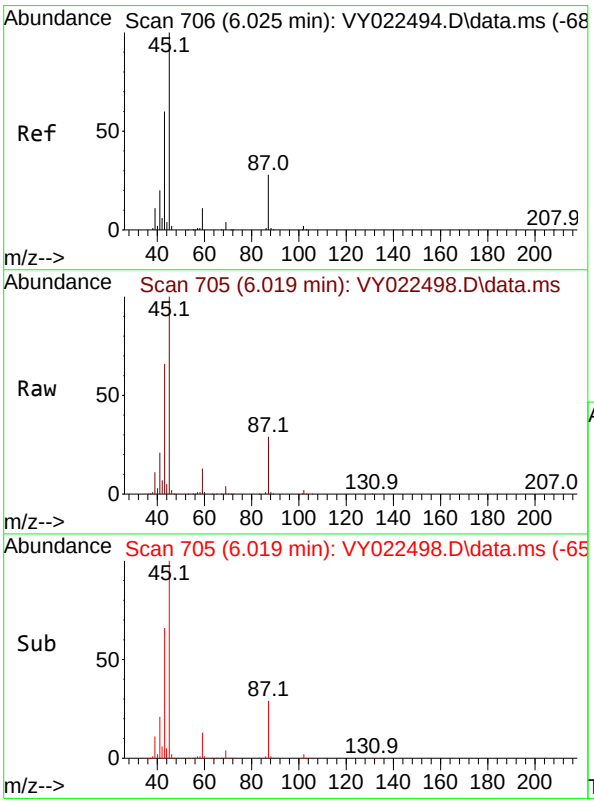
#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 96 Resp: 118427

Ion	Ratio	Lower	Upper
96	100		
61	132.6	112.6	169.0
98	61.8	50.6	75.8

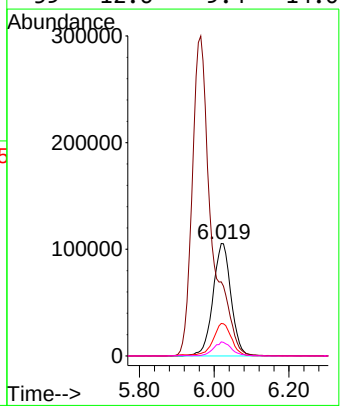


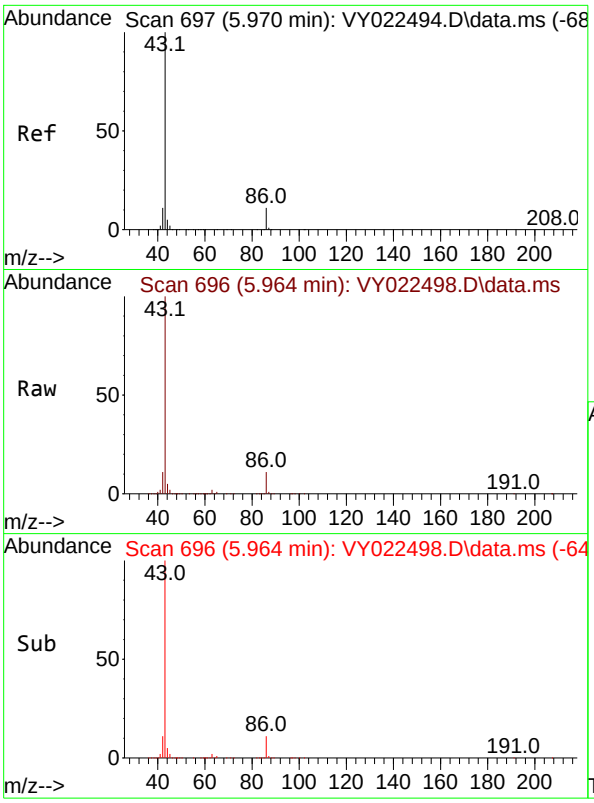


#22
Diisopropyl ether
Concen: 44.104 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 45 Resp: 354328

Ion	Ratio	Lower	Upper
45	100		
43	65.4	48.3	72.5
87	28.8	23.0	34.6
59	12.6	9.4	14.0



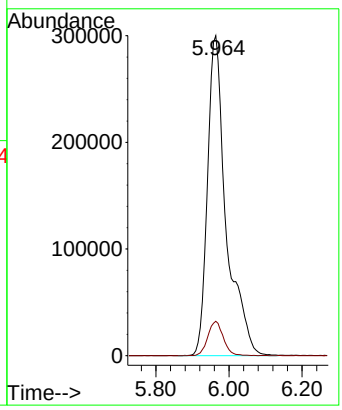


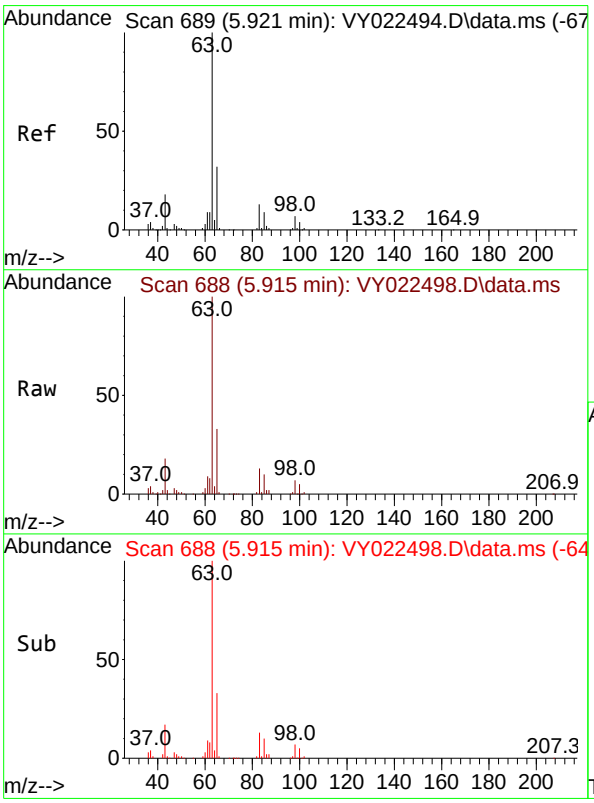
#23
Vinyl Acetate
Concen: 223.951 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 1064896

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

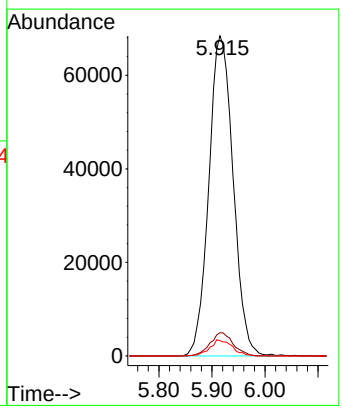


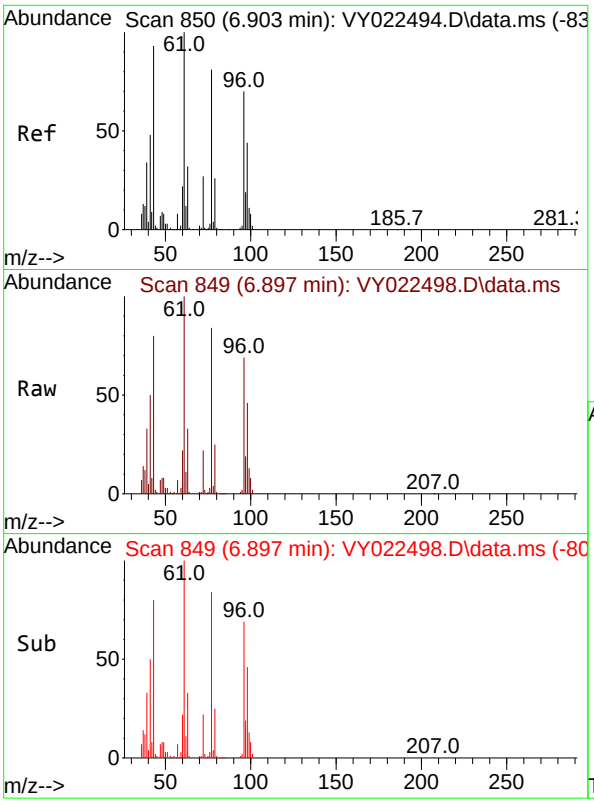


#24
1,1-Dichloroethane
Concen: 46.053 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 217965

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.8	2.1	6.3



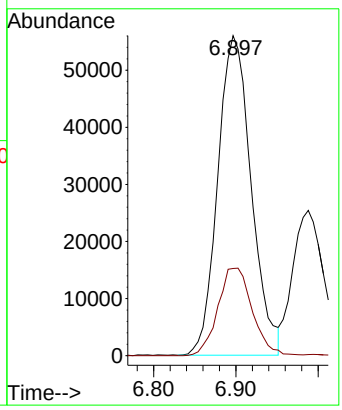


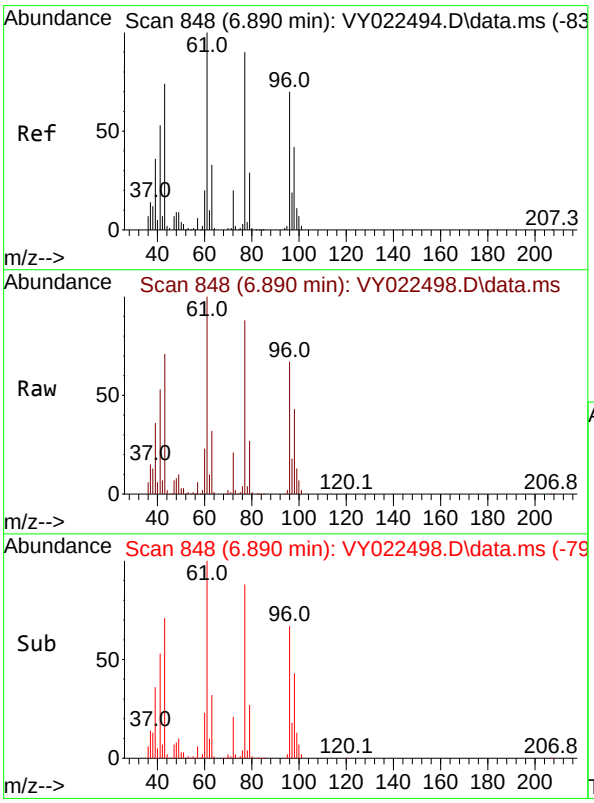
#25
2-Butanone
Concen: 220.736 ug/l
RT: 6.897 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 158557

Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.9	34.3

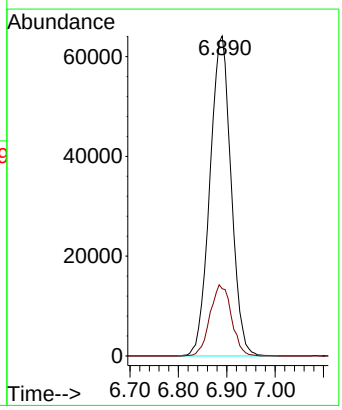


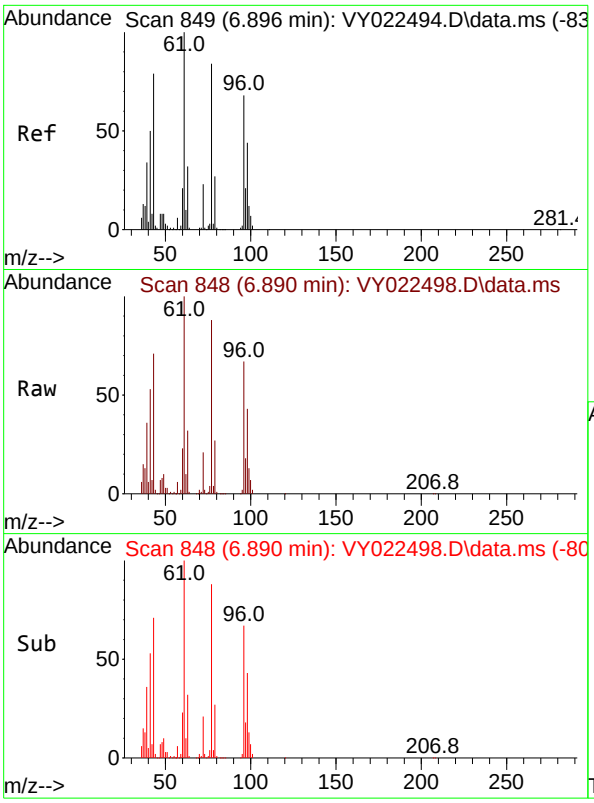


#26
2,2-Dichloropropane
Concen: 46.639 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 77 Resp: 195035

Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.2



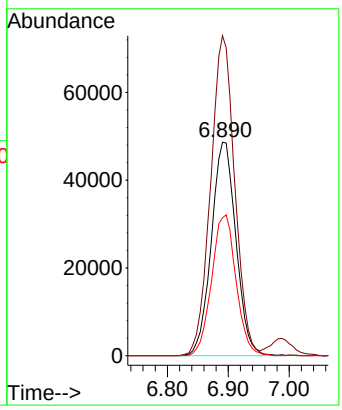


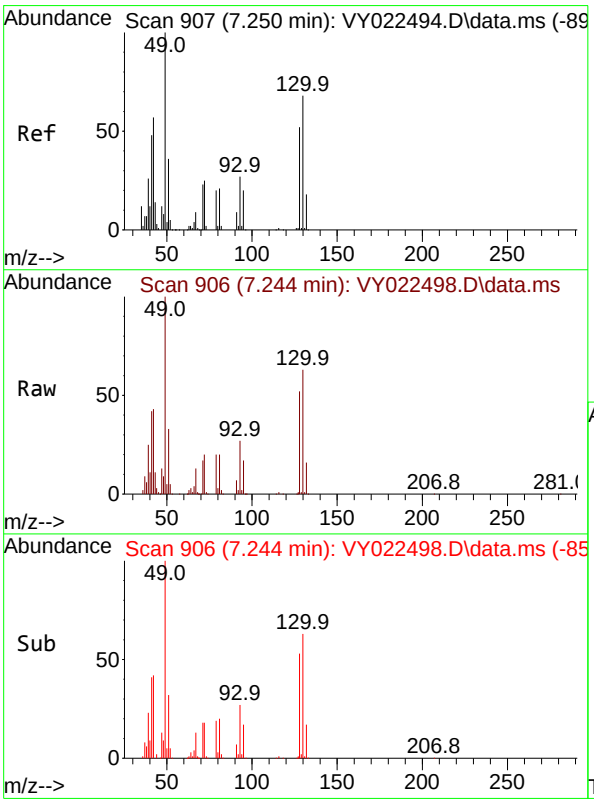
#27
cis-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 96 Resp: 136882

Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	290.0
98	65.3	0.0	128.4

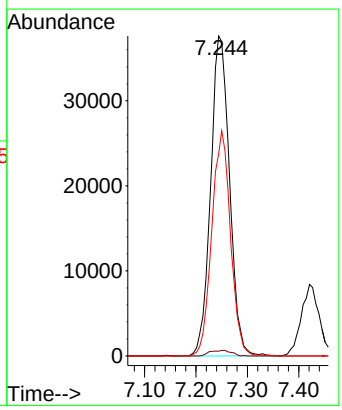


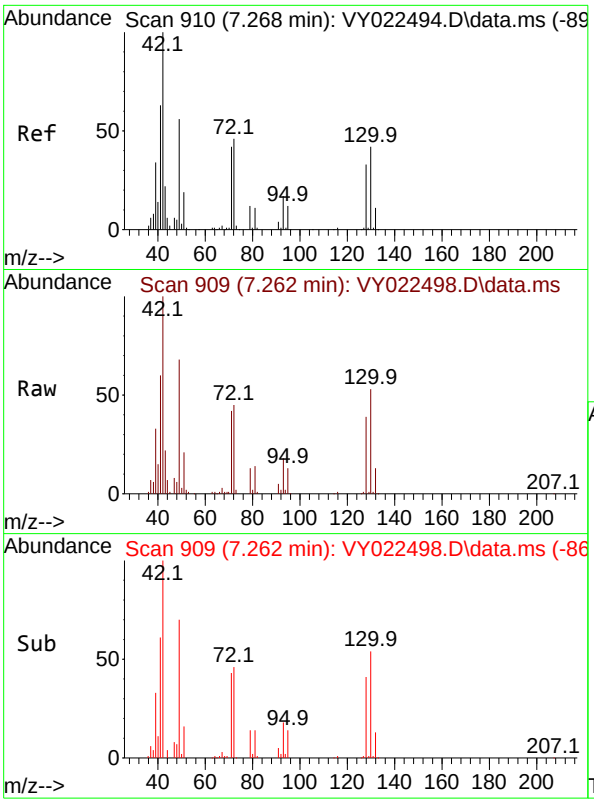


#28
Bromochloromethane
Concen: 46.547 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 49 Resp: 96031

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	69.6	55.7	83.5



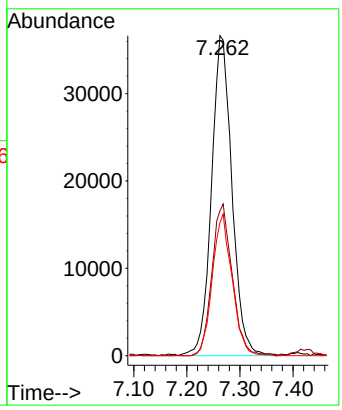


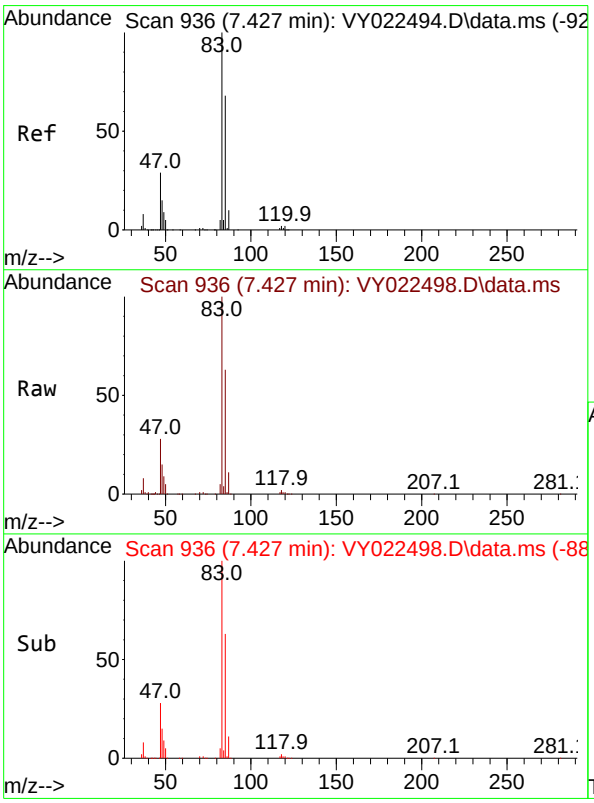
#29
Tetrahydrofuran
Concen: 211.767 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 42 Resp: 98109

Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.4	56.2
71	42.7	34.2	51.2

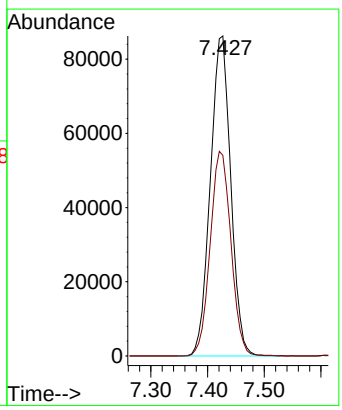


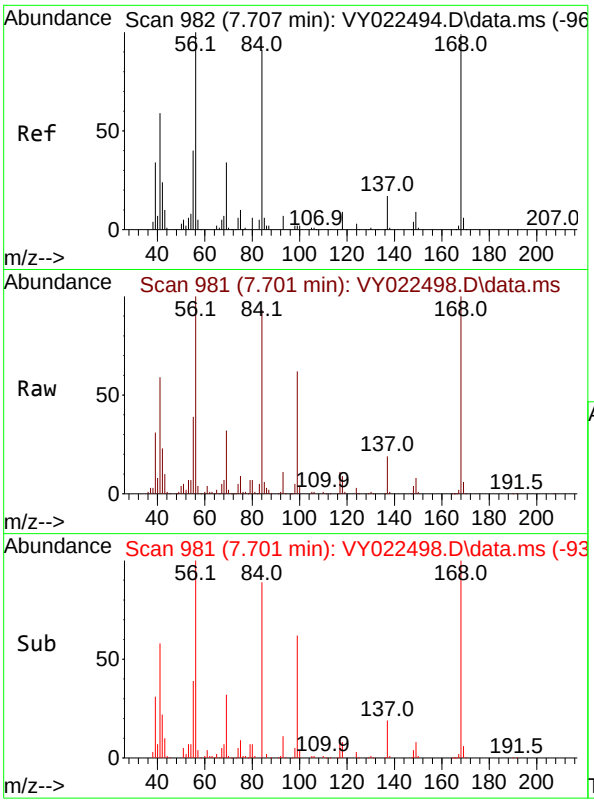


#30
Chloroform
Concen: 45.919 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 83 Resp: 215264

Ion	Ratio	Lower	Upper
83	100		
85	62.7	54.2	81.4



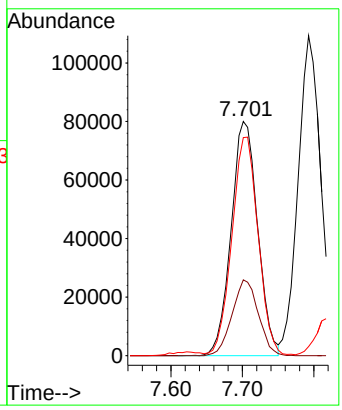


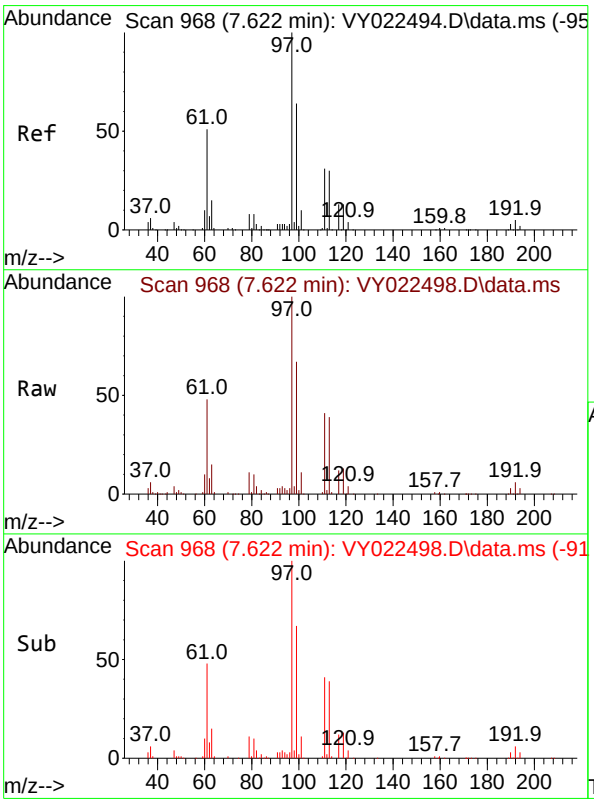
#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 56 Resp: 206176

Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.0	40.6
84	91.7	72.6	109.0

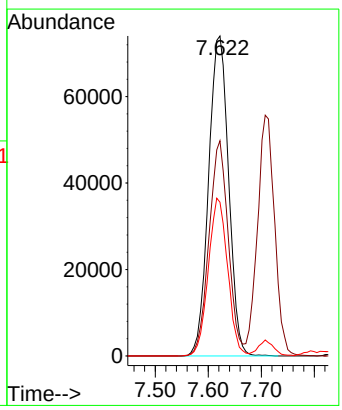


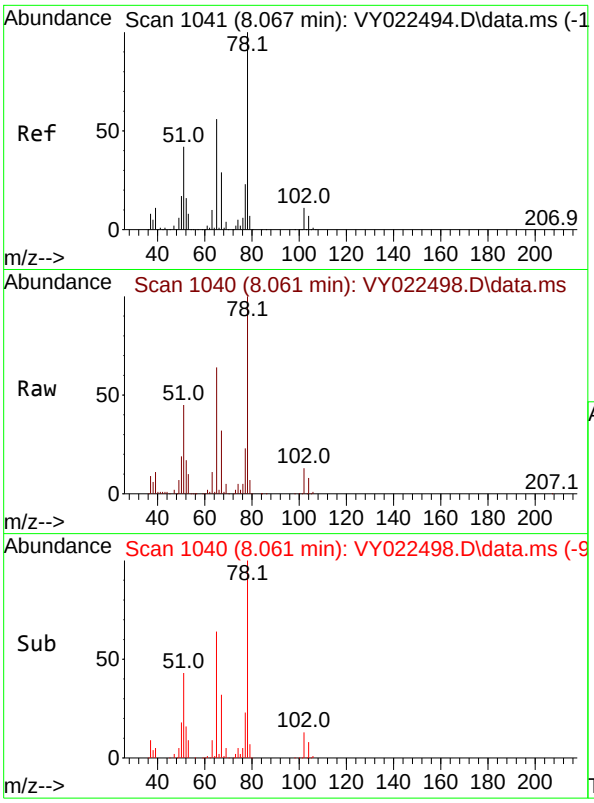


#32
1,1,1-Trichloroethane
Concen: 46.627 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 194039

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	47.8	38.5	57.7



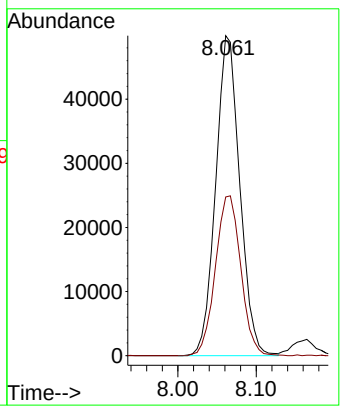


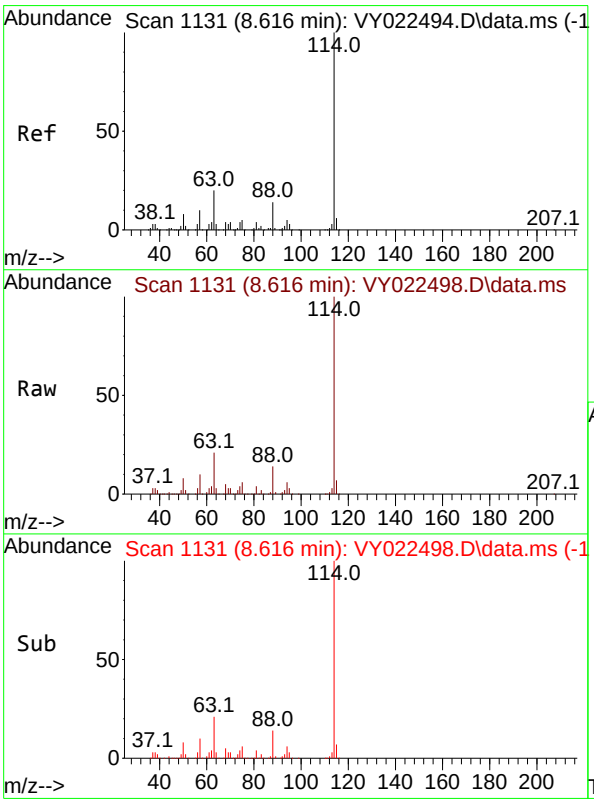
#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 65 Resp: 106759

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.4

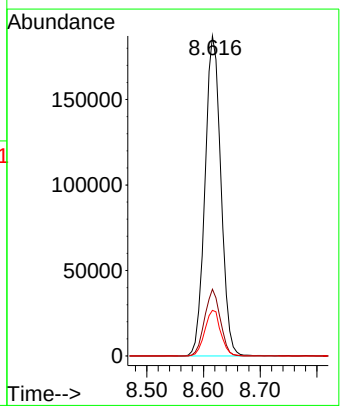


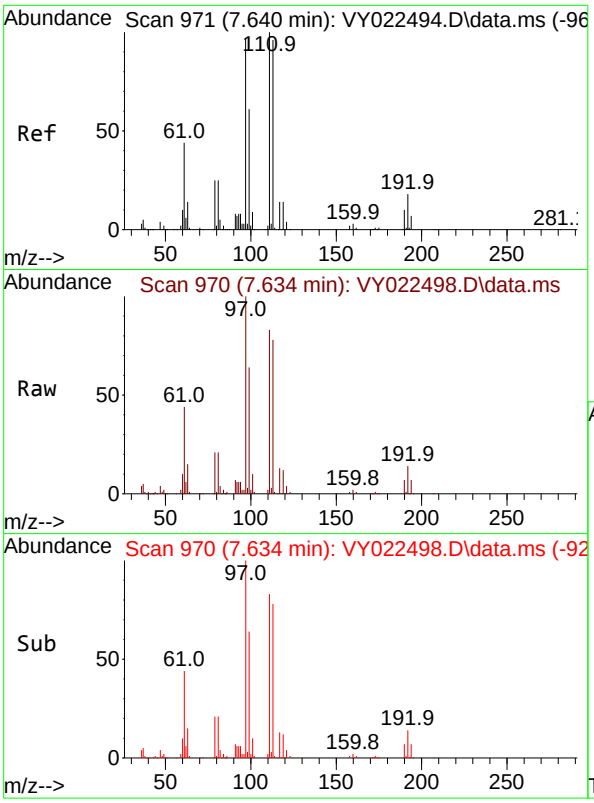


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:114 Resp: 365013

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	14.3	0.0	27.8



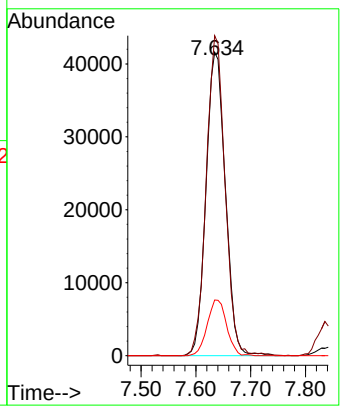


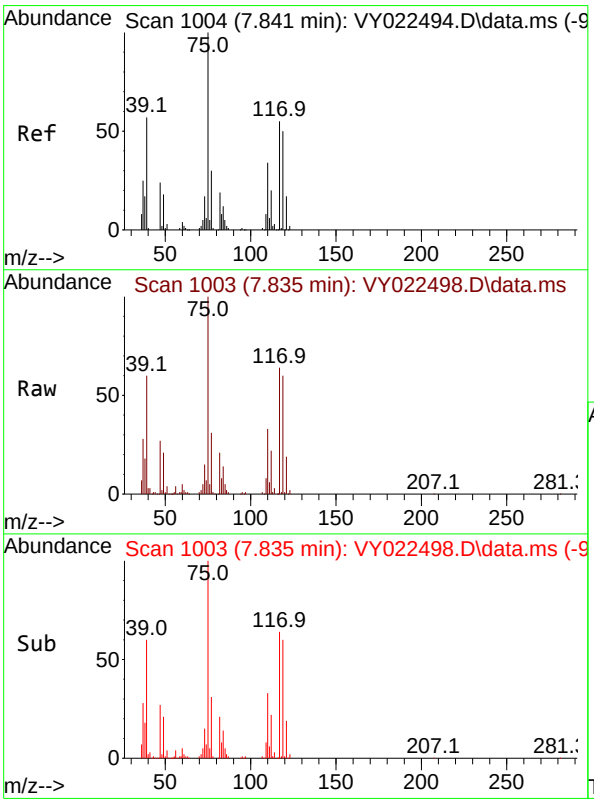
#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:113 Resp: 101692

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.4	14.2	21.2

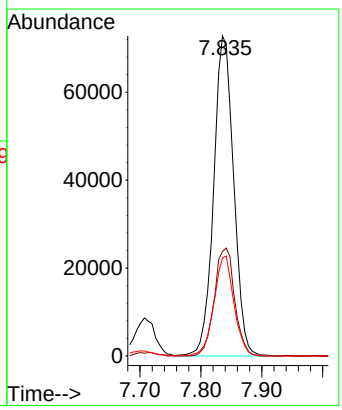


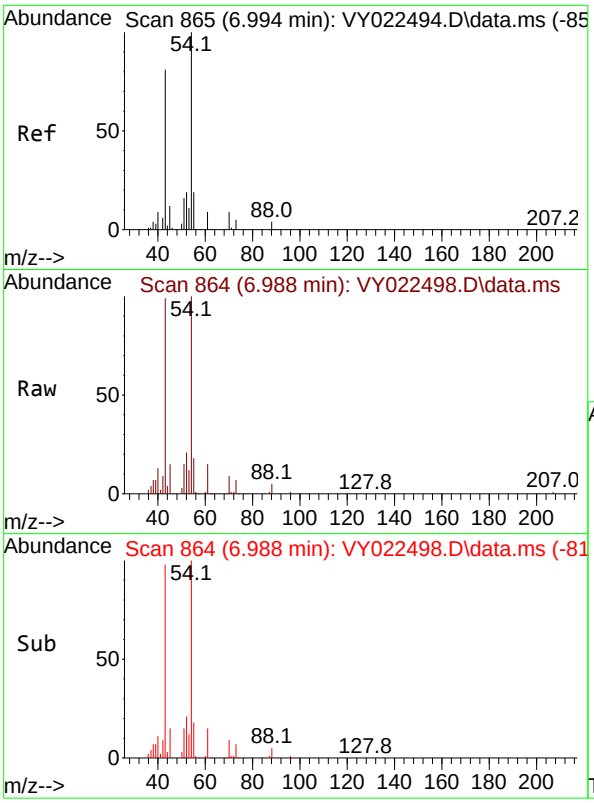


#36
1,1-Dichloropropene
Concen: 46.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 166116

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.2	24.8	37.2



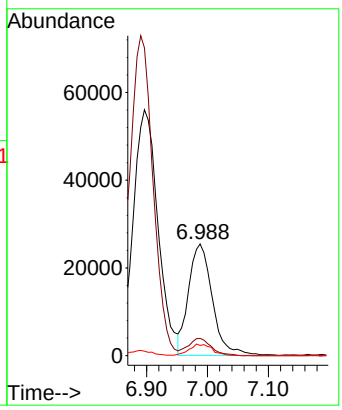


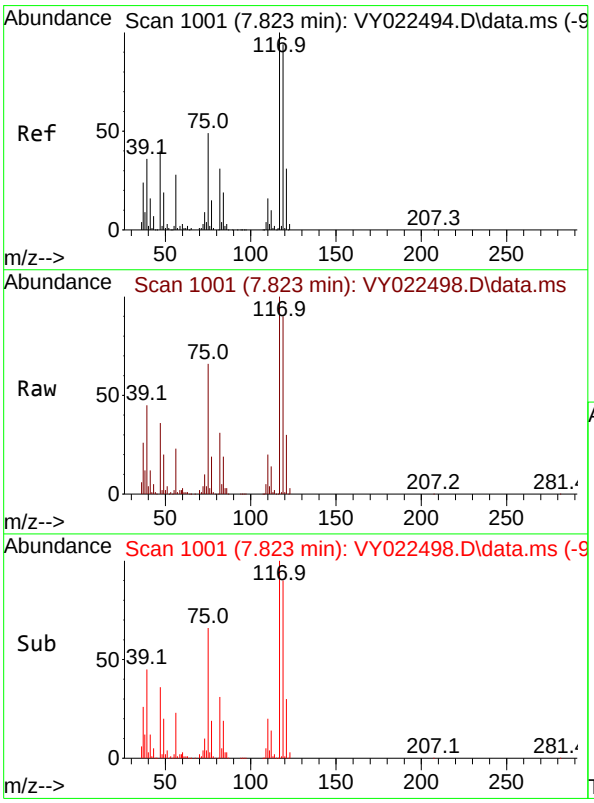
#37
Ethyl Acetate
Concen: 43.605 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 68761

Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	10.1	7.2	10.8

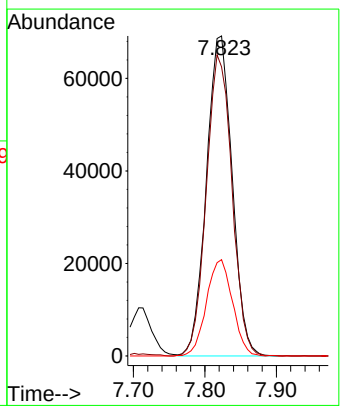


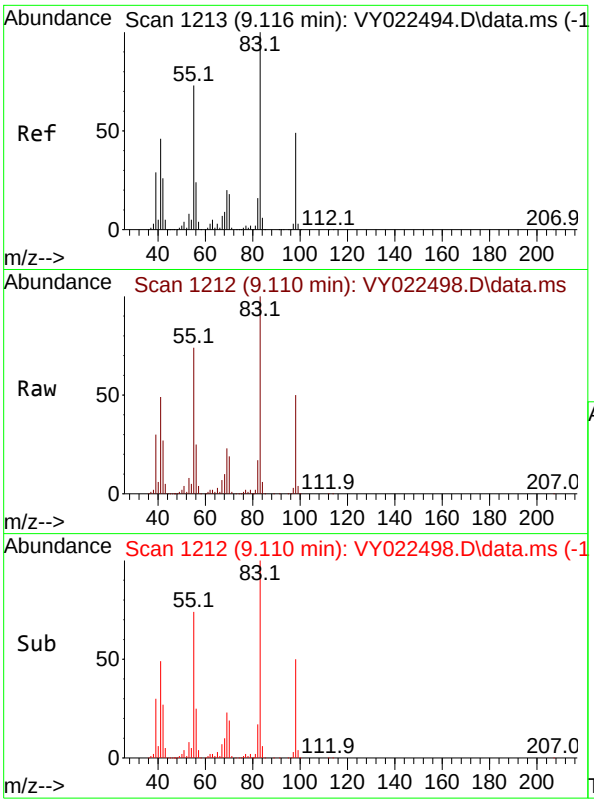


#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 173199

Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.0	112.6
121	30.1	25.0	37.4



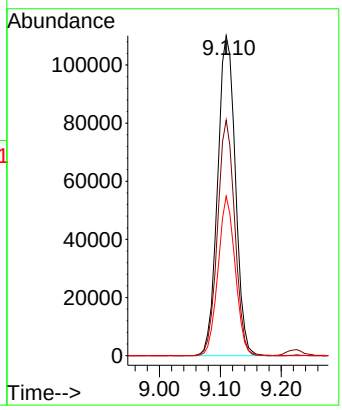


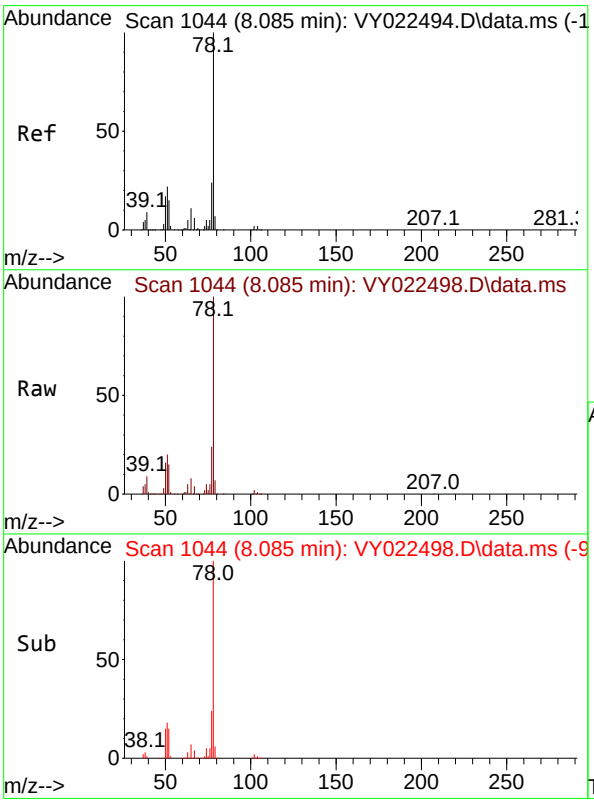
#39
Methylcyclohexane
Concen: 46.923 ug/l
RT: 9.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 222971

Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.1	87.1
98	49.9	39.0	58.6

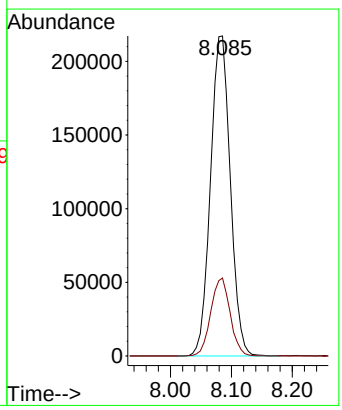


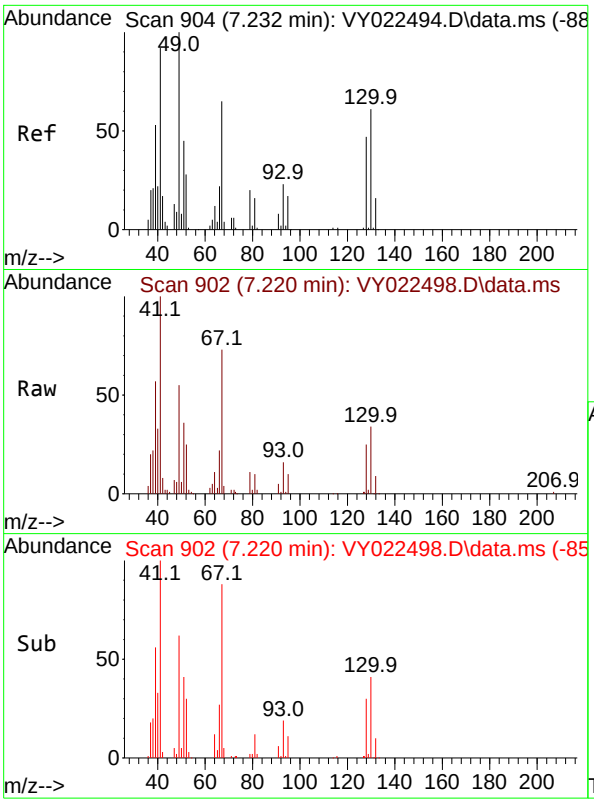


#40
Benzene
Concen: 47.020 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 78 Resp: 491078

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9



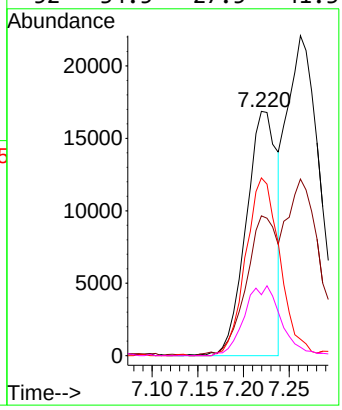


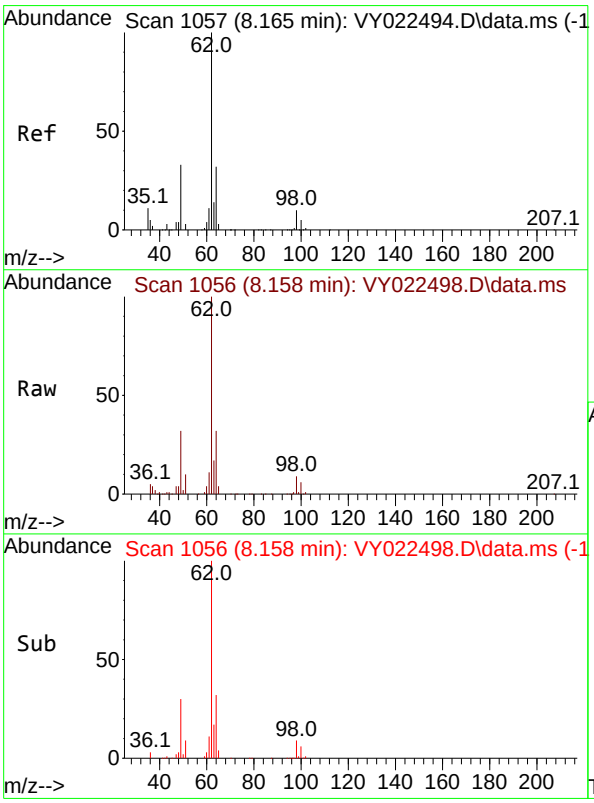
#41
Methacrylonitrile
Concen: 43.134 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 41 Resp: 39730

Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.6	69.8
67	80.2	63.3	94.9
52	34.5	27.5	41.3

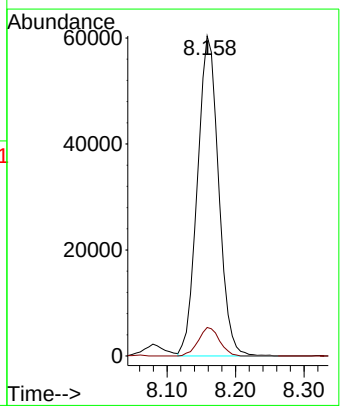


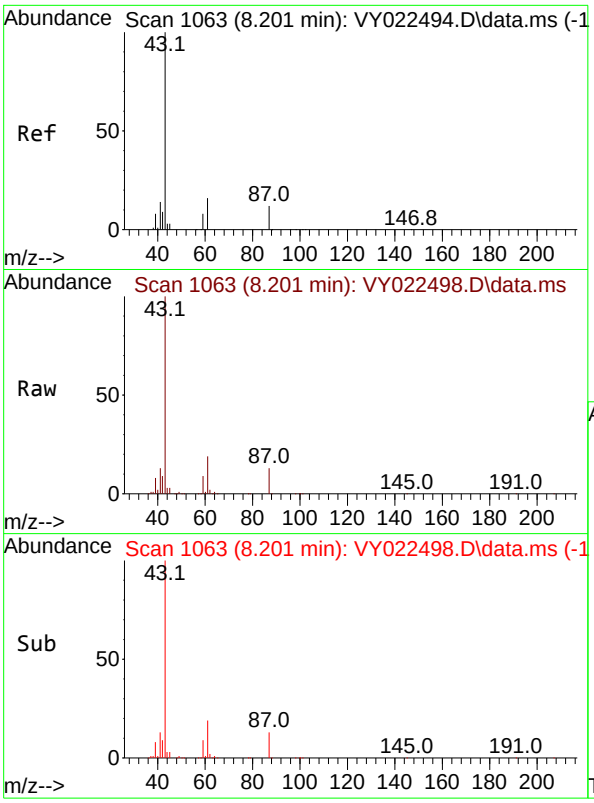


#42
1,2-Dichloroethane
Concen: 45.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 130161

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2



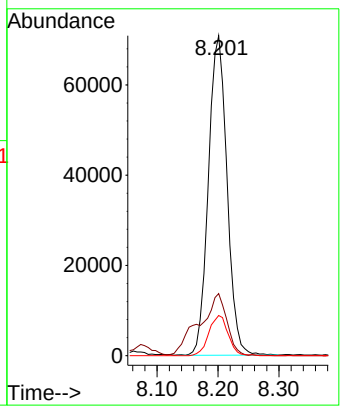


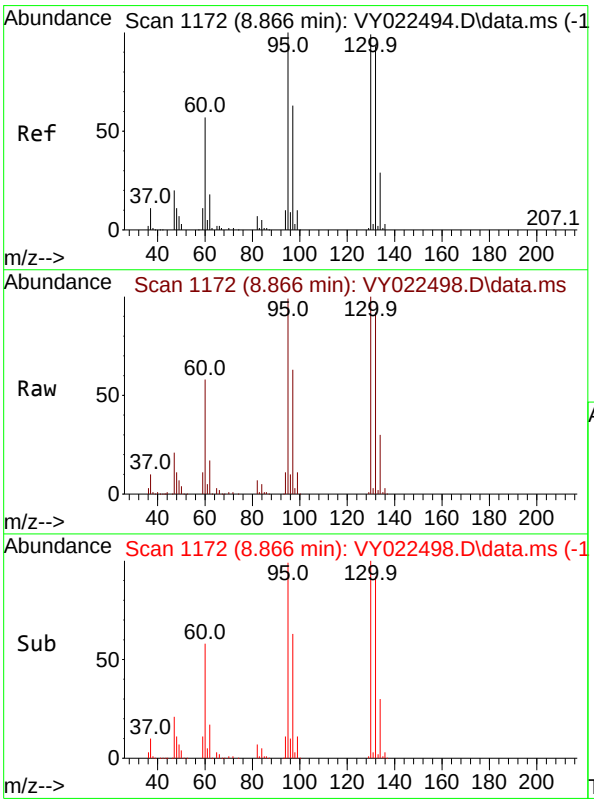
#43
Isopropyl Acetate
Concen: 44.122 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 150263

Ion	Ratio	Lower	Upper
43	100		
61	28.6	15.6	23.4#
87	13.0	10.2	15.4

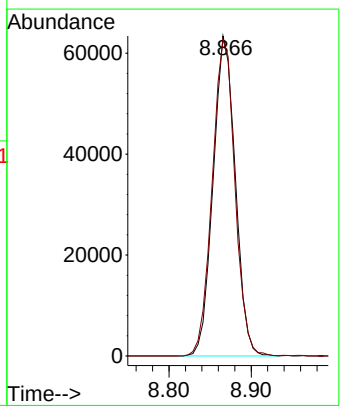


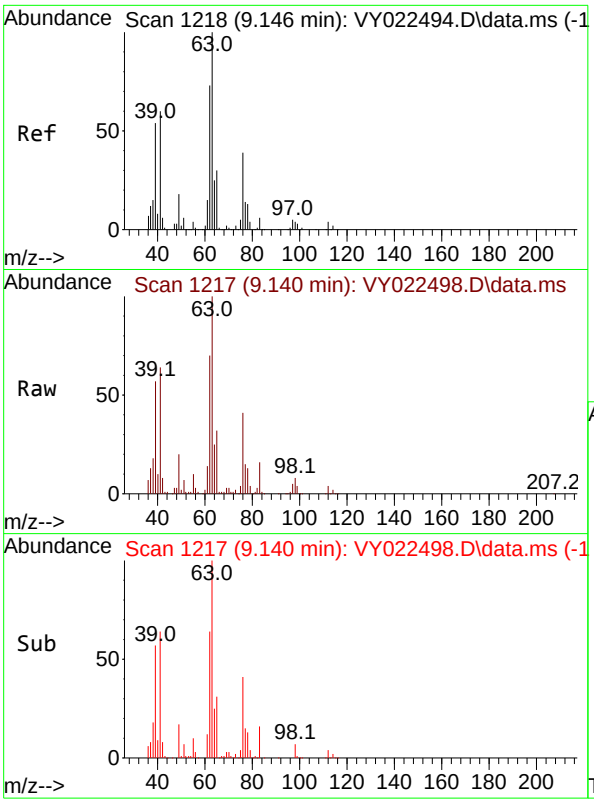


#44
Trichloroethene
Concen: 46.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:130 Resp: 118971

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	203.0



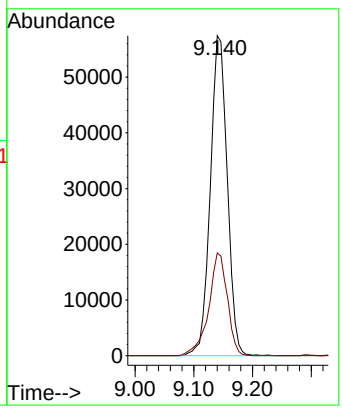


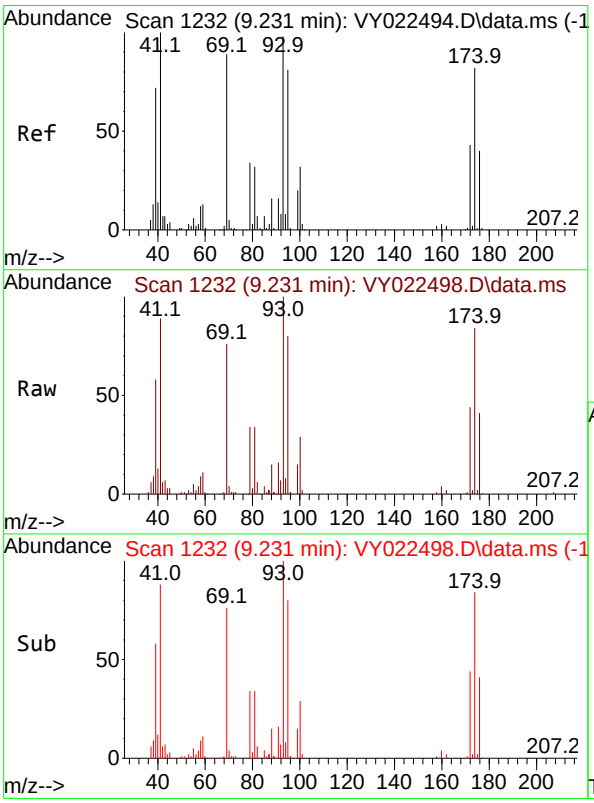
#45
1,2-Dichloropropane
Concen: 46.587 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 63 Resp: 114988

Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.0	36.0

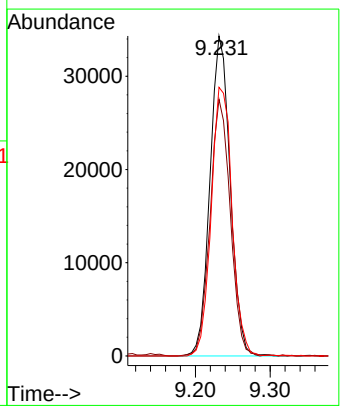


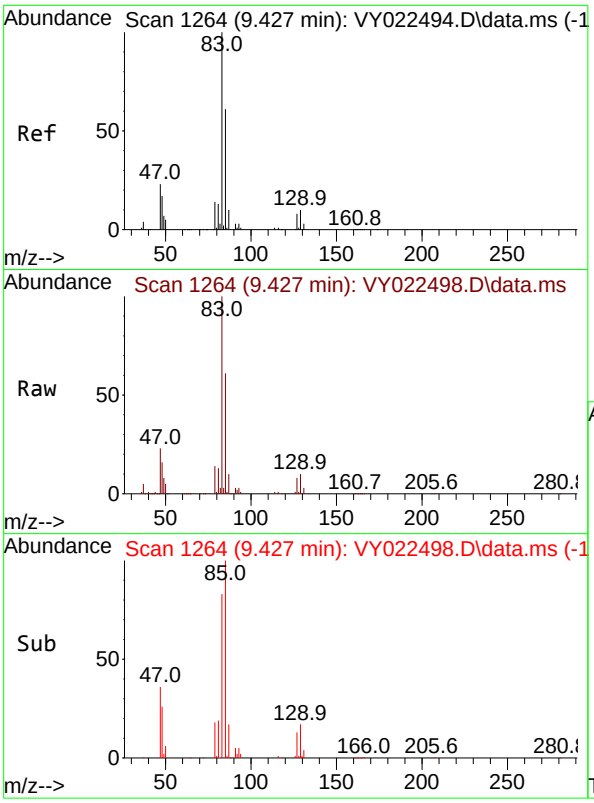


#46
Dibromomethane
Concen: 46.430 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 93 Resp: 64473

Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.6	98.4
174	86.4	70.4	105.6



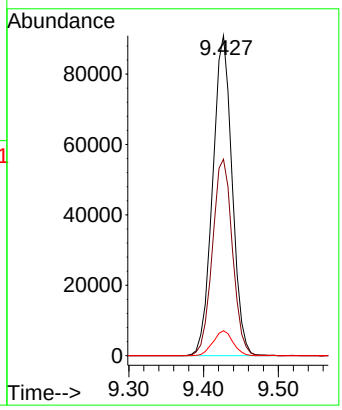


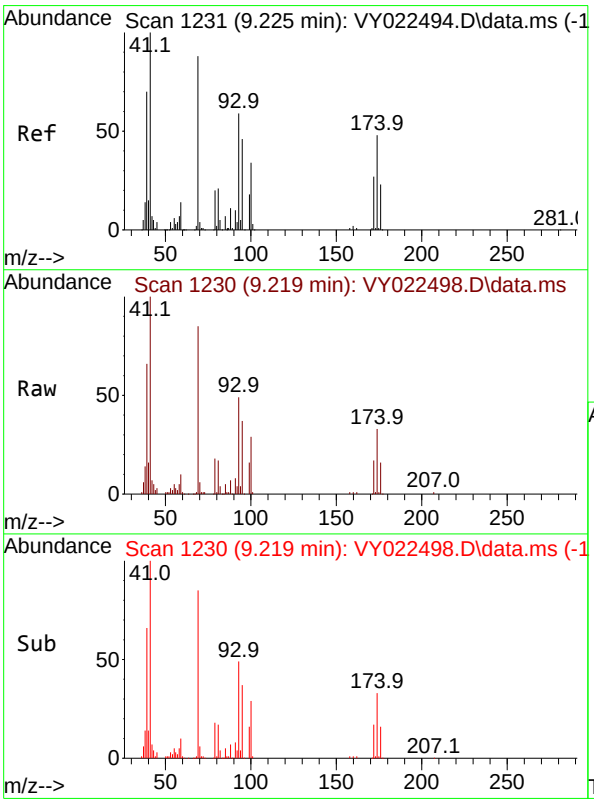
#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 164872

Ion	Ratio	Lower	Upper
83	100		
85	61.4	49.1	73.7
127	7.8	6.2	9.4

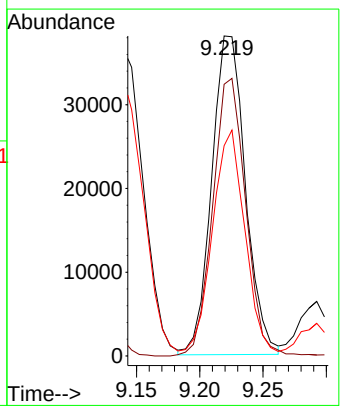


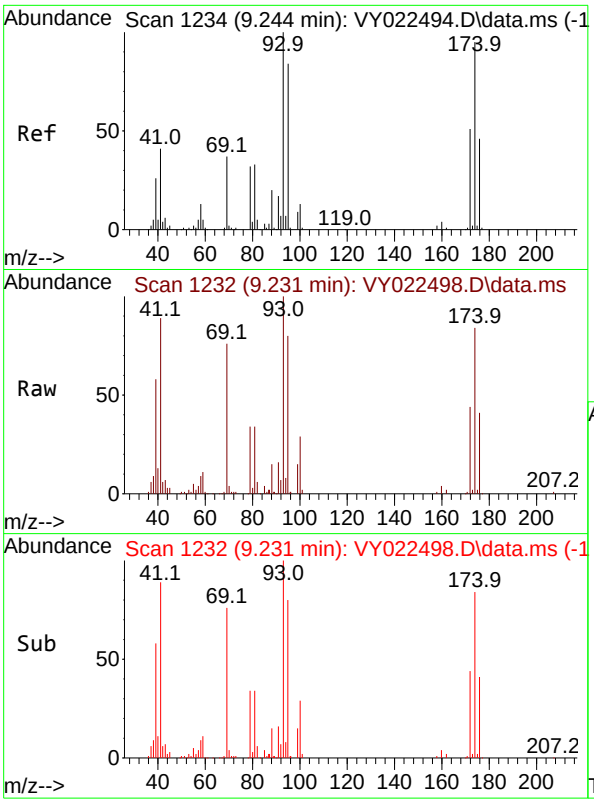


#48
Methyl methacrylate
Concen: 44.198 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 70644

Ion	Ratio	Lower	Upper
41	100		
69	85.1	67.8	101.8
39	65.9	55.0	82.4



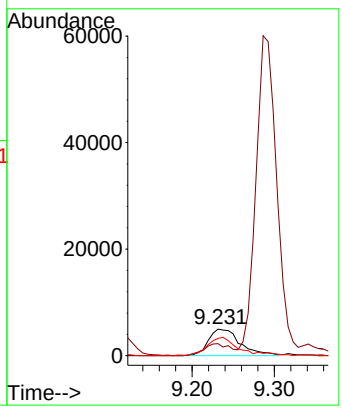


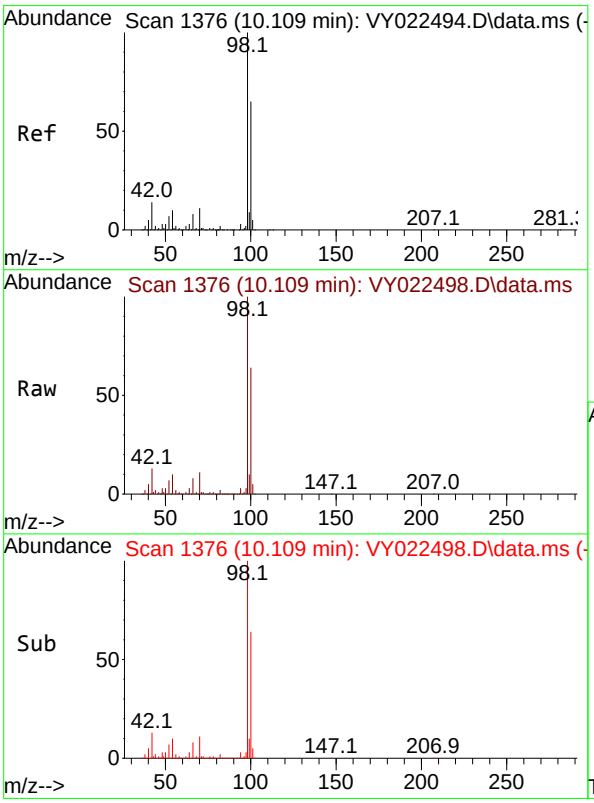
#49
1,4-Dioxane
Concen: 816.553 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 88 Resp: 13433

Ion	Ratio	Lower	Upper
88	100		
43	39.1	25.4	38.2#
58	67.7	54.9	82.3

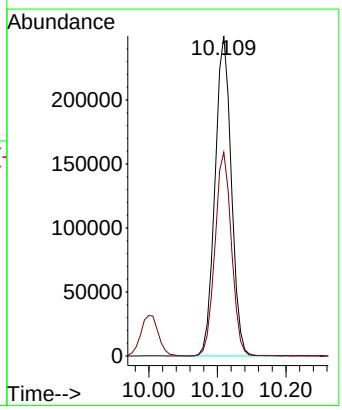


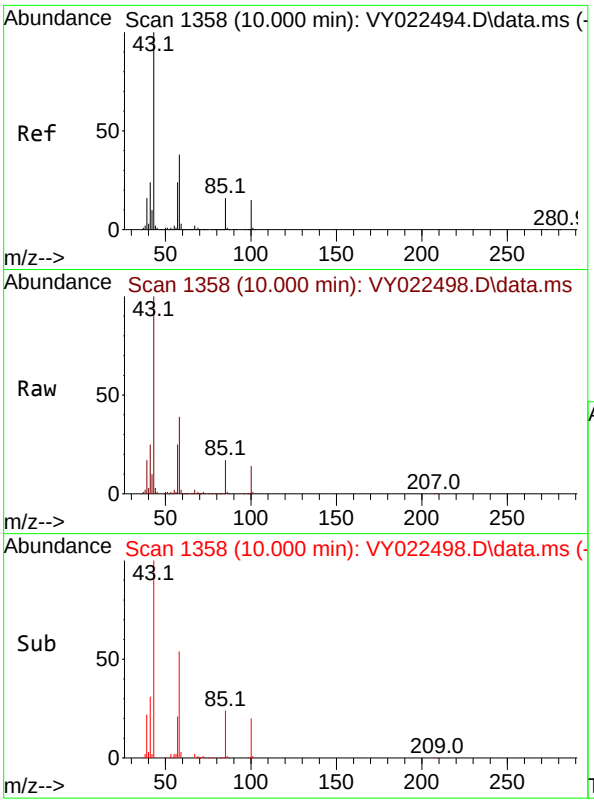


#50
Toluene-d8
Concen: 46.760 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 98 Resp: 411640

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



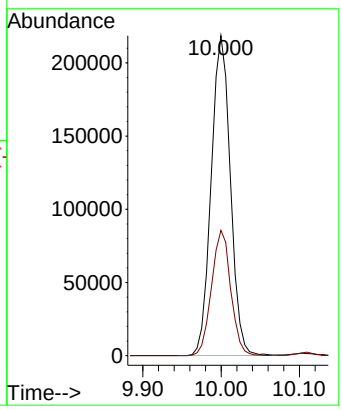


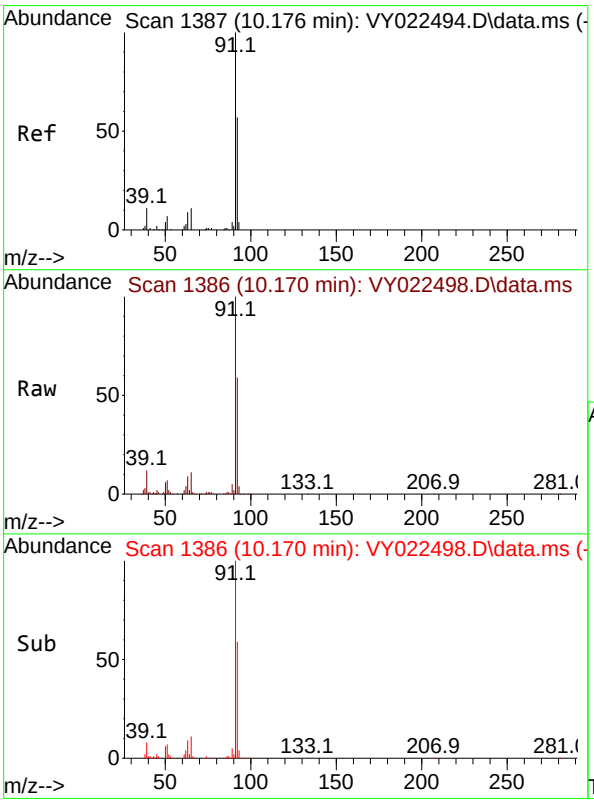
#51
4-Methyl-2-Pentanone
Concen: 219.250 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 372276

Ion	Ratio	Lower	Upper
43	100		
58	39.2	30.4	45.6

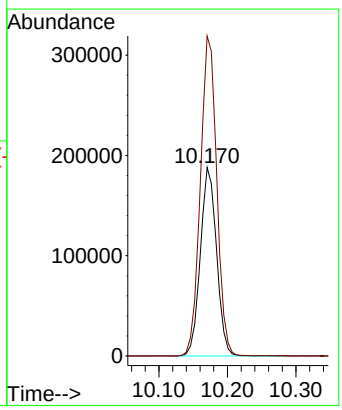


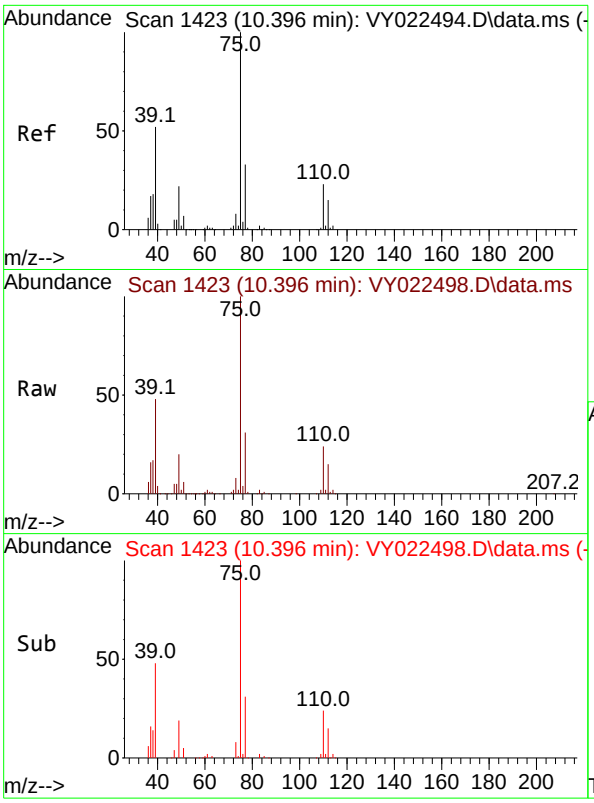


#52
Toluene
Concen: 47.137 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 92 Resp: 309375

Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.0	208.4



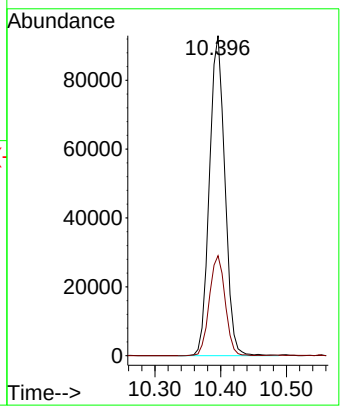


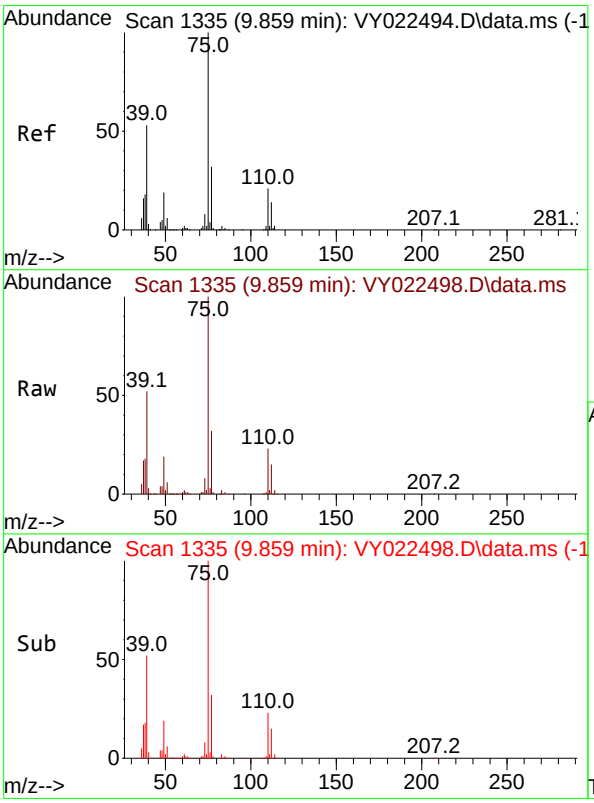
#53
t-1,3-Dichloropropene
Concen: 46.094 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 75 Resp: 152066

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7

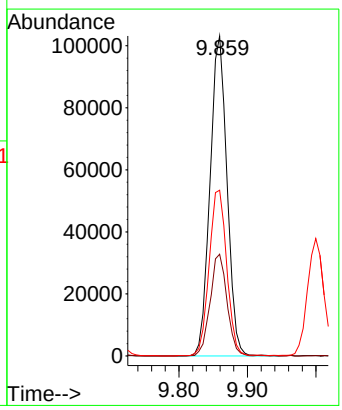


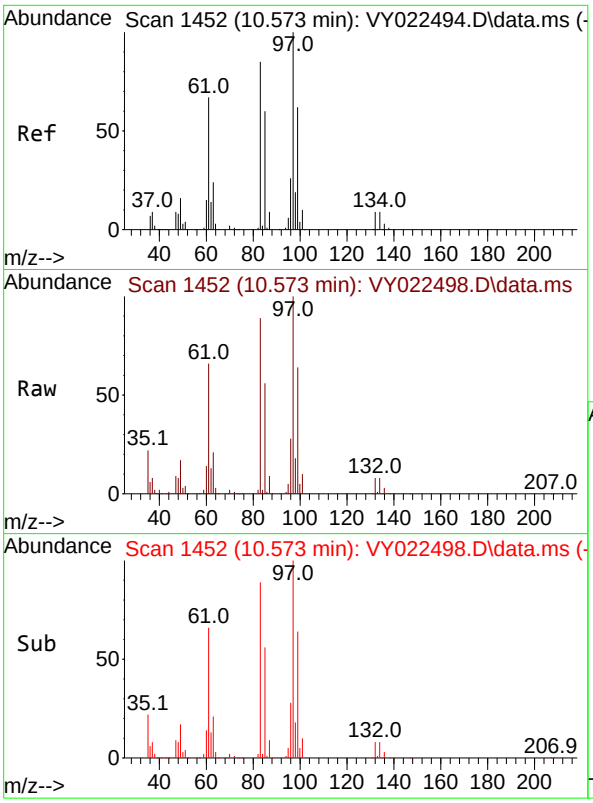


#54
cis-1,3-Dichloropropene
Concen: 46.206 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 177445

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	51.6	42.7	64.1



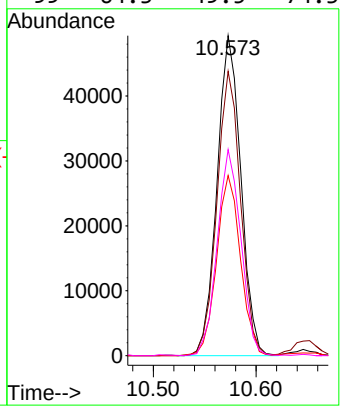


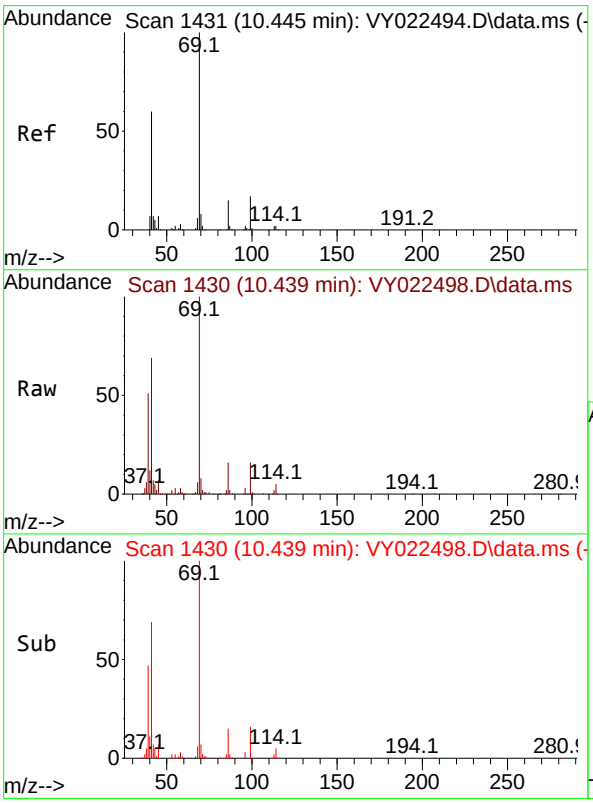
#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 97 Resp: 79596

Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.3	48.2	72.2
99	64.3	49.5	74.3

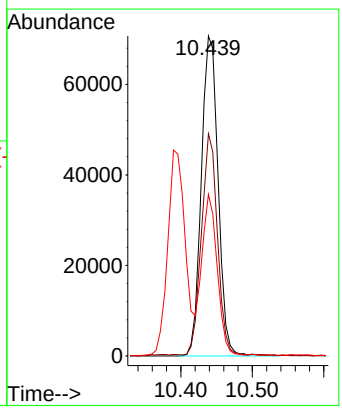


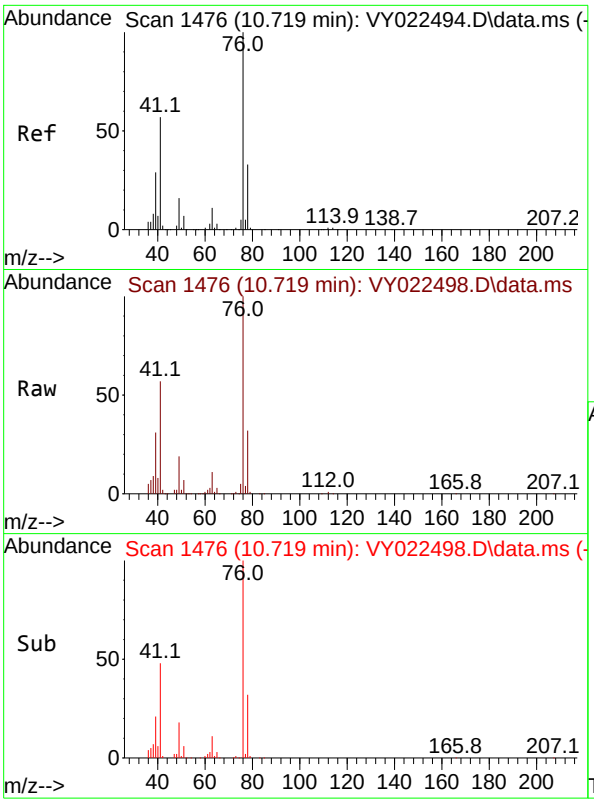


#56
Ethyl methacrylate
Concen: 45.029 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 69 Resp: 115237

Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	45.6	36.7	55.1



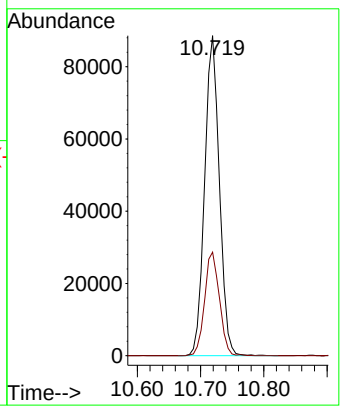


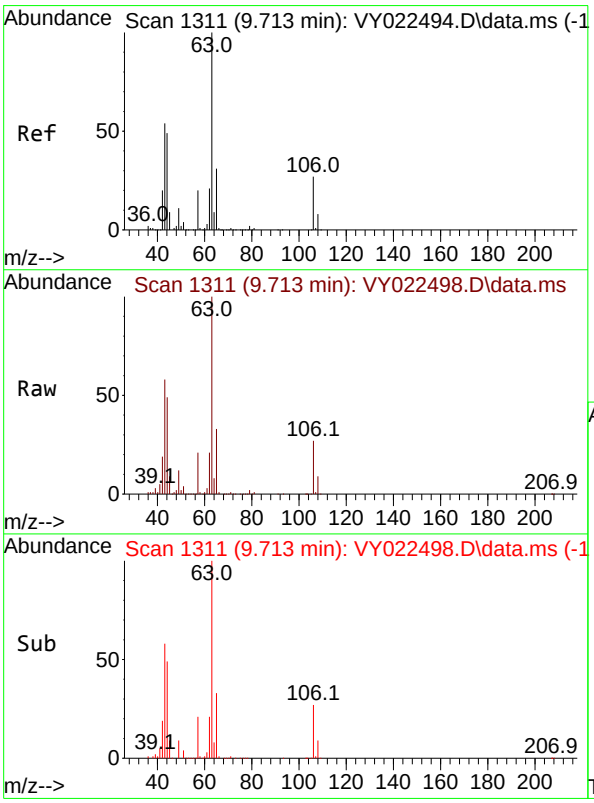
#57
1,3-Dichloropropane
Concen: 45.696 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 76 Resp: 143407

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

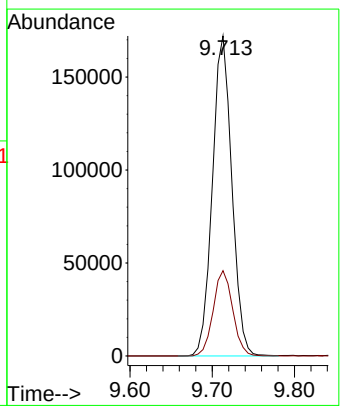


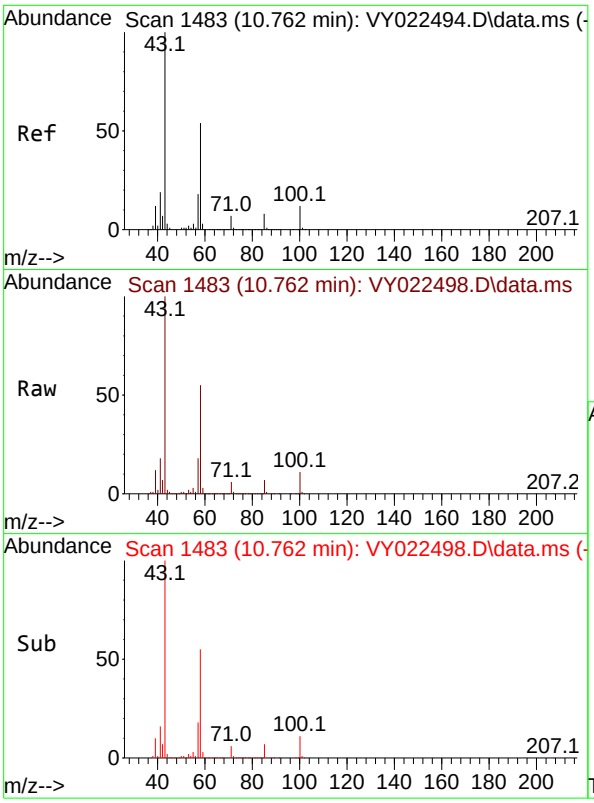


#58
2-Chloroethyl Vinyl ether
Concen: 243.746 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 283213

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



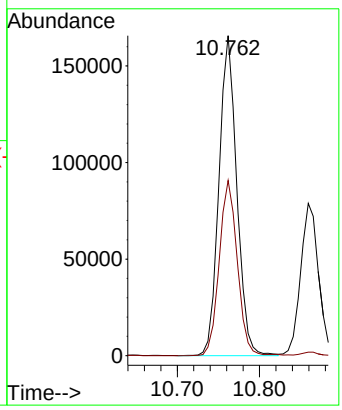


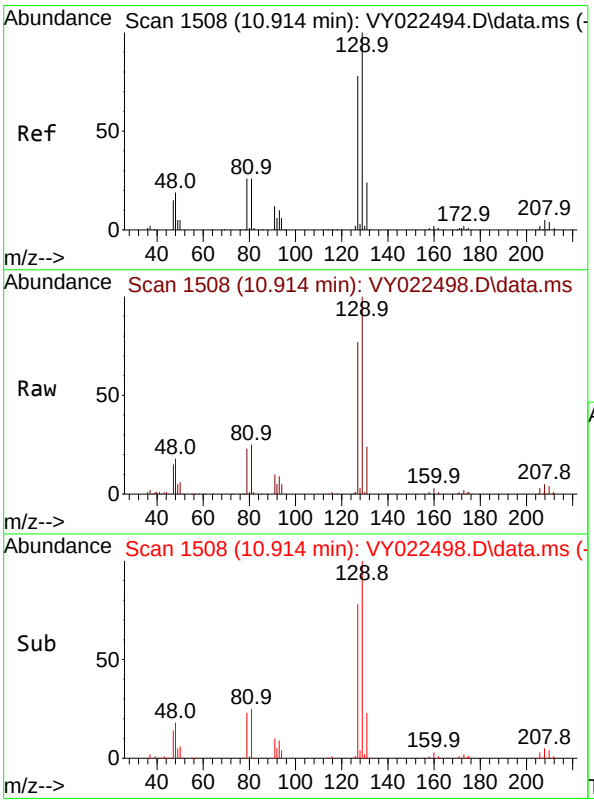
#59
2-Hexanone
Concen: 220.088 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 43 Resp: 249926

Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.3	81.8

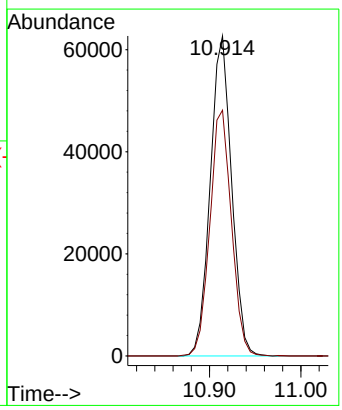


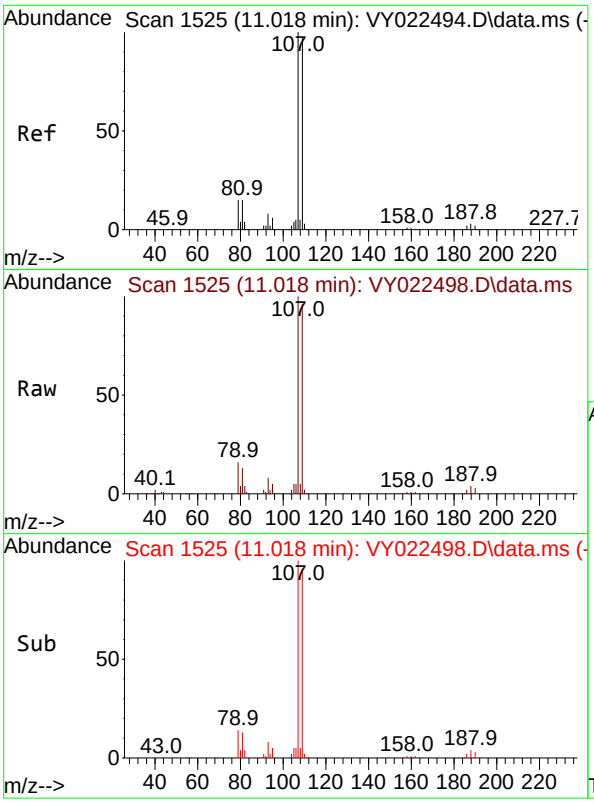


#60
Dibromochloromethane
Concen: 45.114 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:129 Resp: 101515

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2



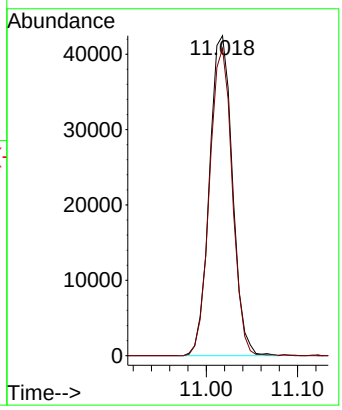


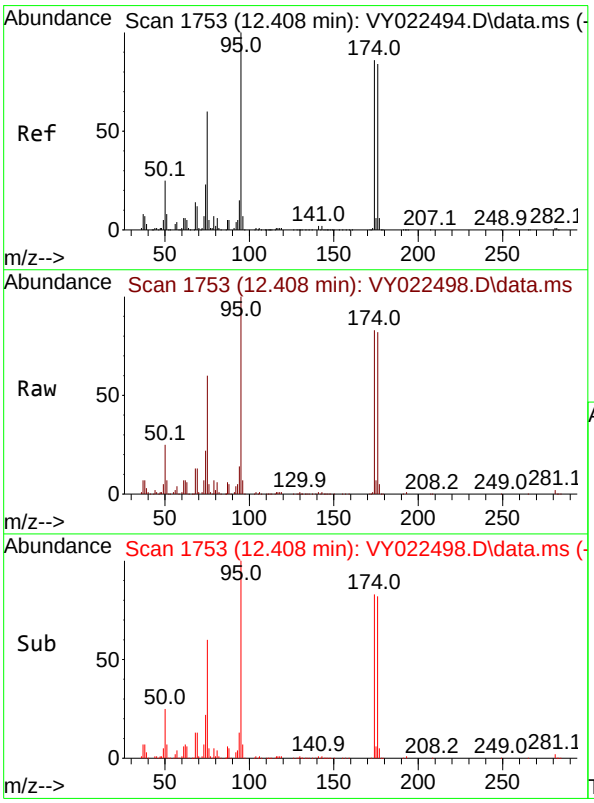
#61
1,2-Dibromoethane
Concen: 45.960 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:107 Resp: 74173

Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5

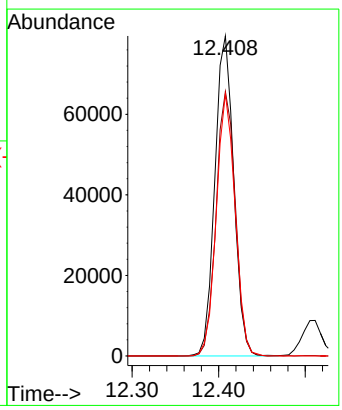


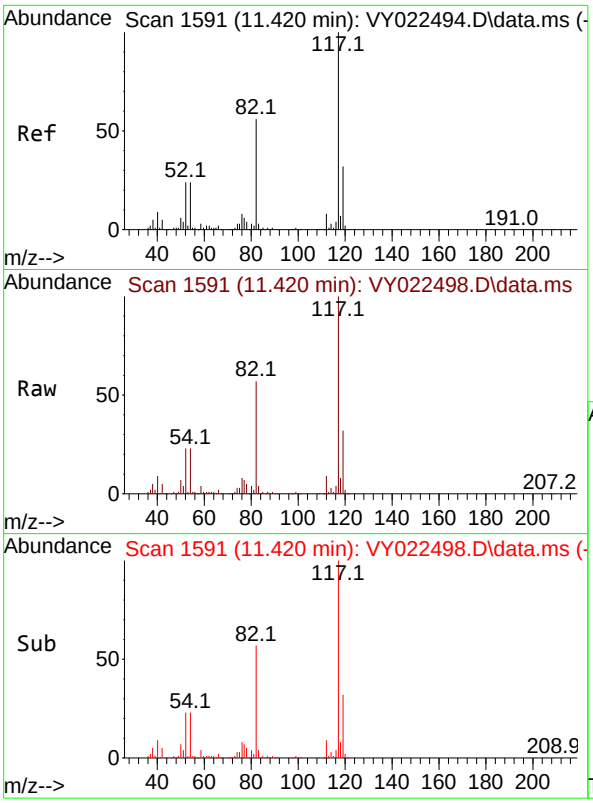


#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 95 Resp: 120253

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	170.0
176	81.5	0.0	166.2



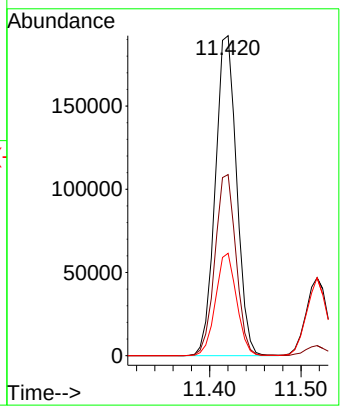


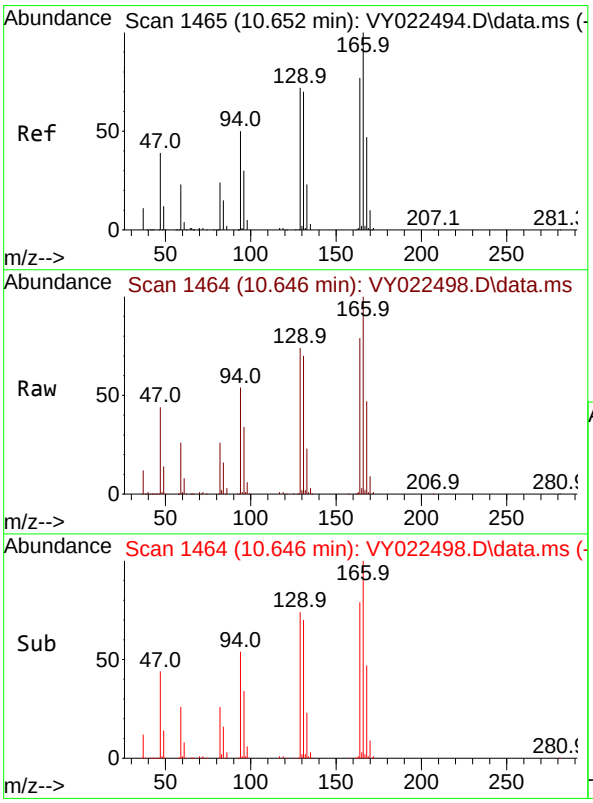
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:117 Resp: 312263

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.0	25.4	38.0

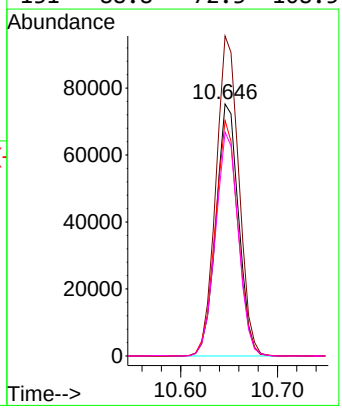


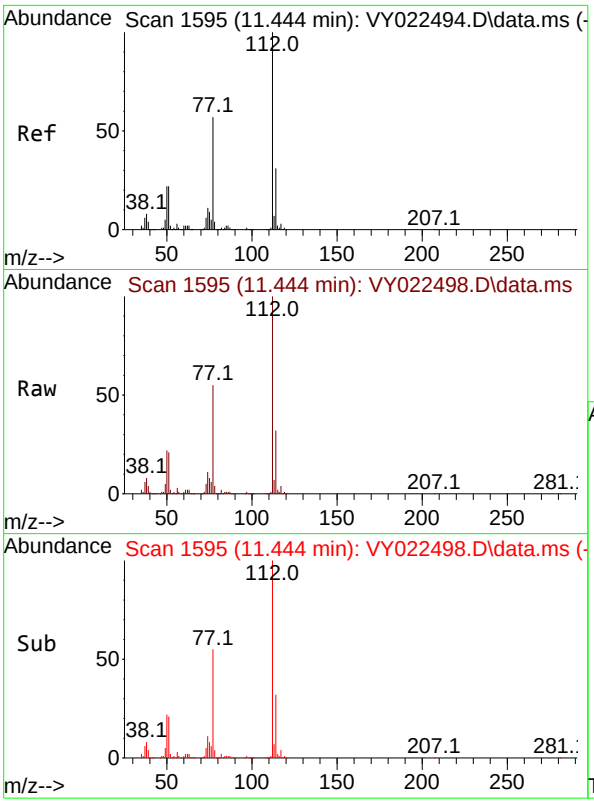


#64
Tetrachloroethene
Concen: 45.398 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:164 Resp: 121944

Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.0	156.0
129	93.4	74.5	111.7
131	88.8	72.3	108.5



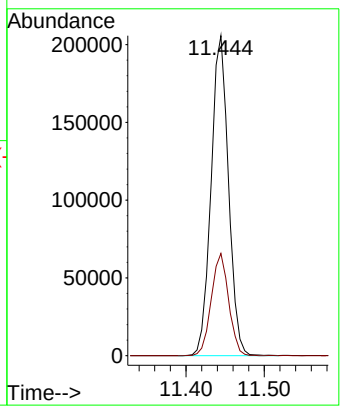


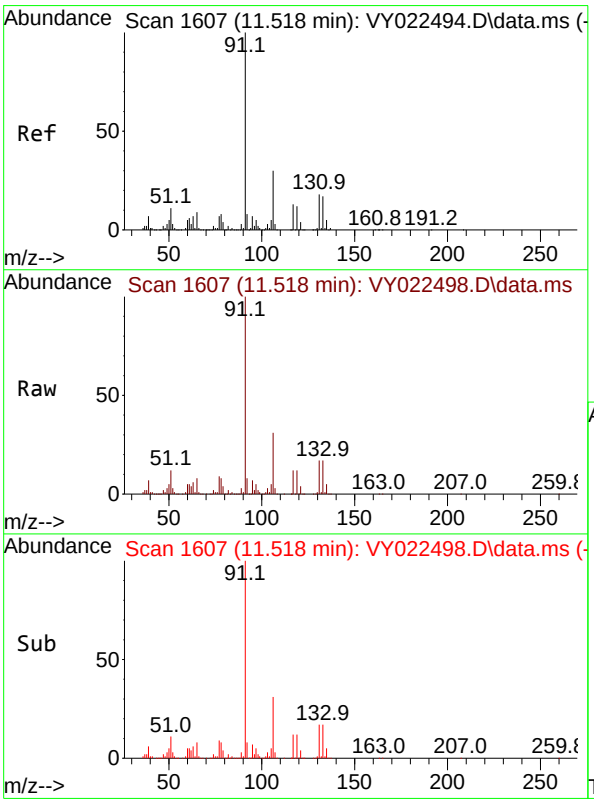
#65
Chlorobenzene
Concen: 45.953 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:112 Resp: 317533

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.6

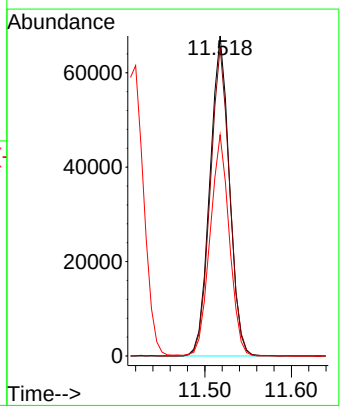


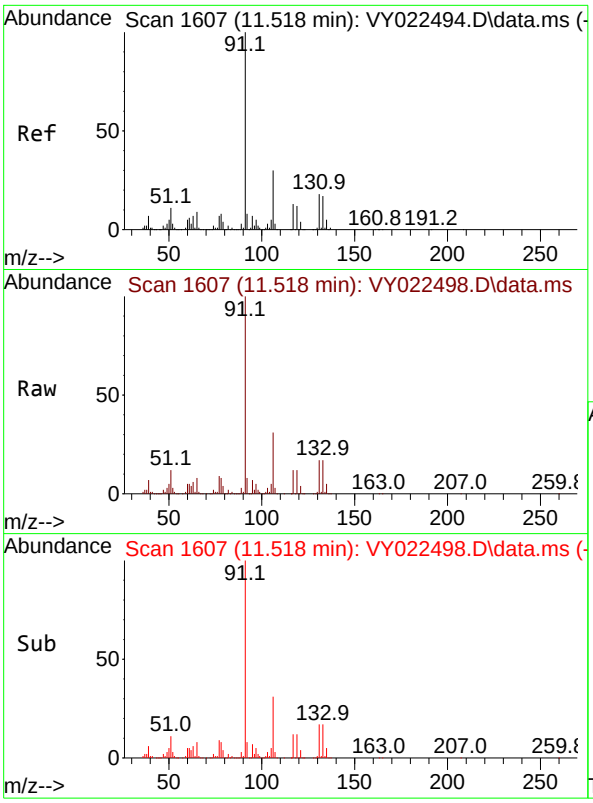


#66
1,1,1,2-Tetrachloroethane
Concen: 45.464 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:131 Resp: 105830

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	68.3	33.1	99.3



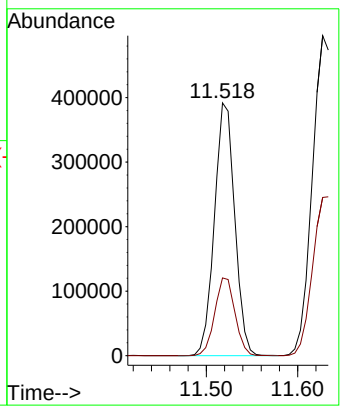


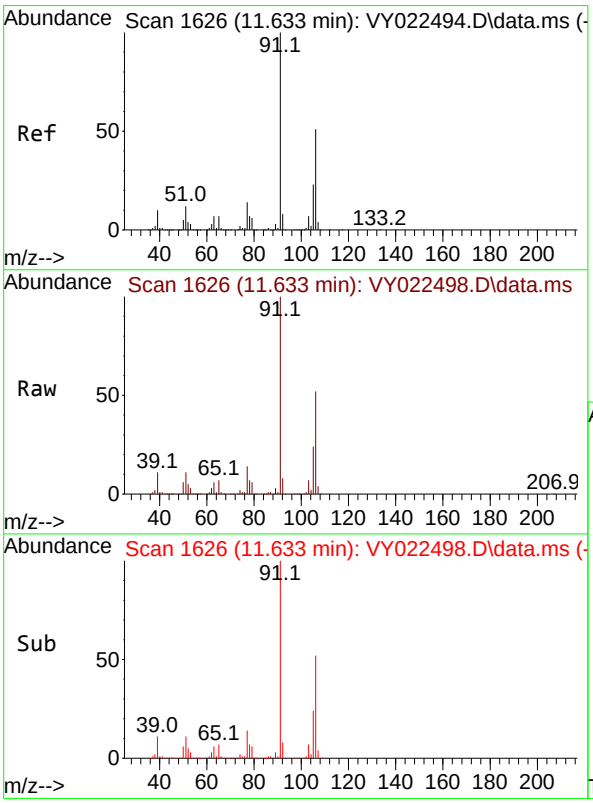
#67
Ethyl Benzene
Concen: 47.248 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 605560

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.4

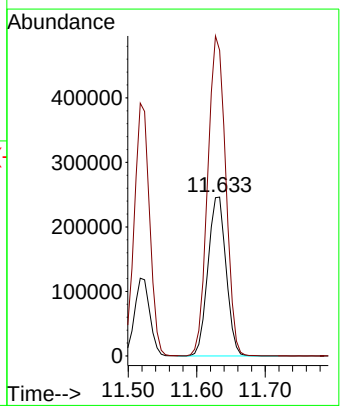


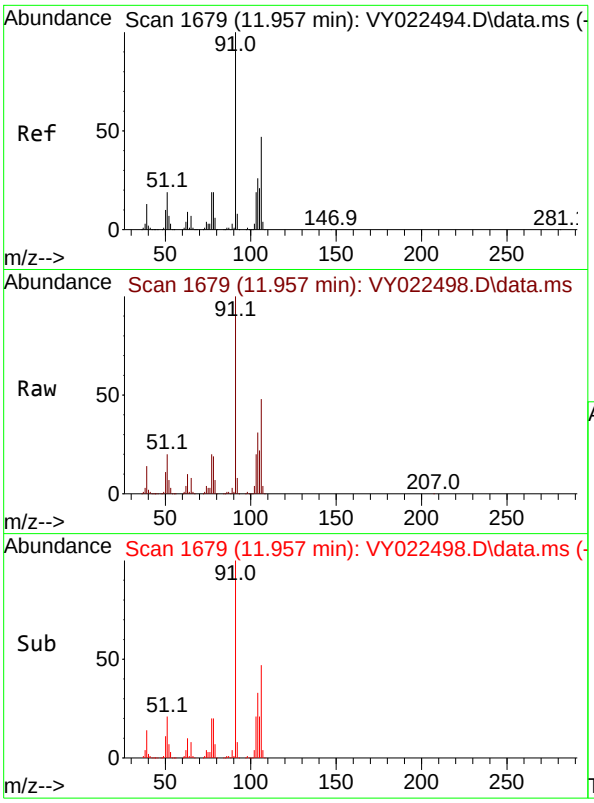


#68
m/p-Xylenes
Concen: 93.473 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:106 Resp: 454148

Ion	Ratio	Lower	Upper
106	100		
91	199.5	159.4	239.0



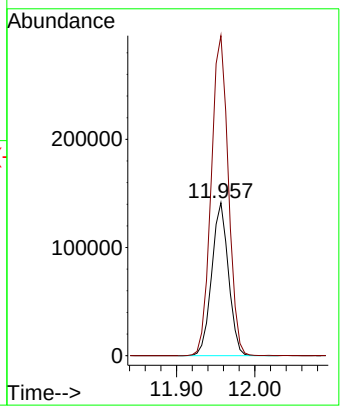


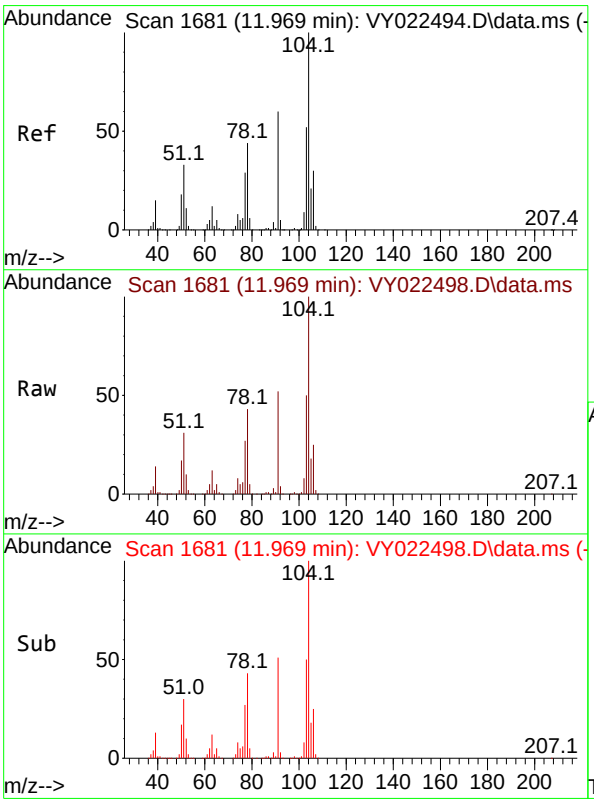
#69
o-Xylene
Concen: 45.959 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:106 Resp: 209354

Ion	Ratio	Lower	Upper
106	100		
91	214.9	105.8	317.3

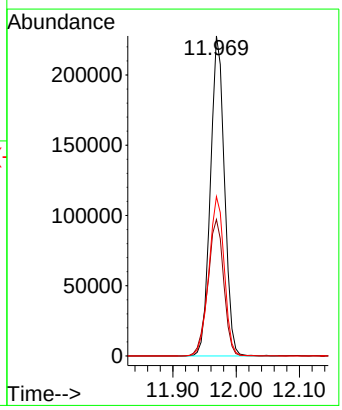


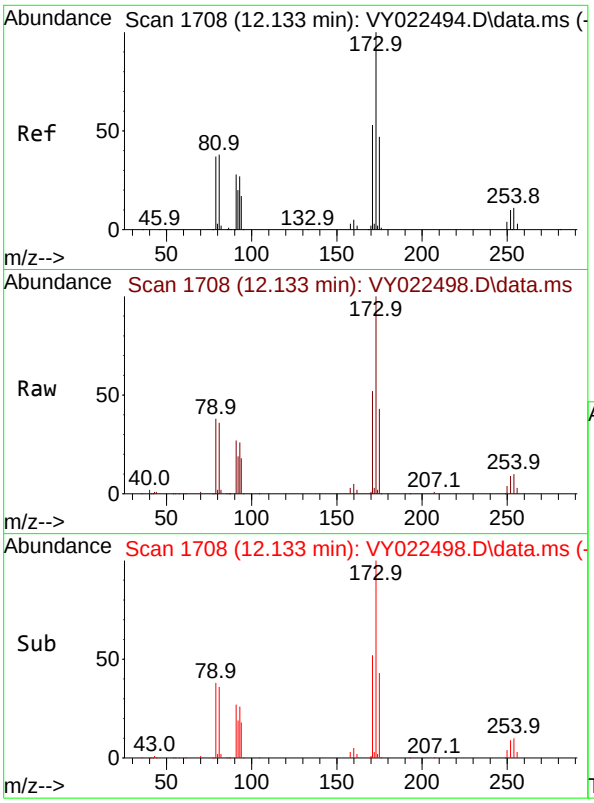


#70
Styrene
Concen: 46.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:104 Resp: 352505

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.5	59.3
103	54.4	44.1	66.1



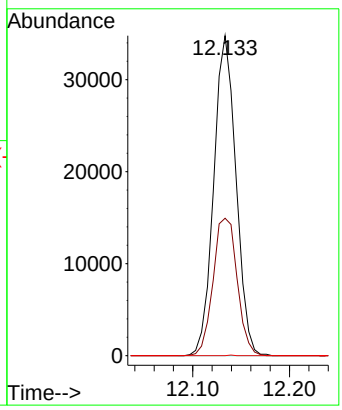


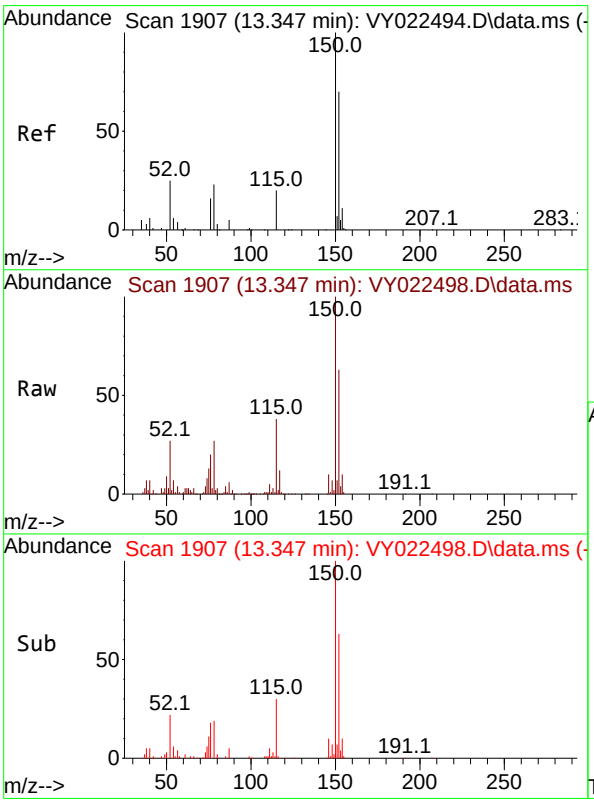
#71
Bromoform
Concen: 44.852 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:173 Resp: 55559

Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.8	71.5
254	0.0	0.0	0.0#

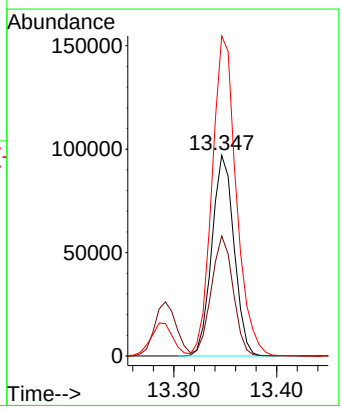


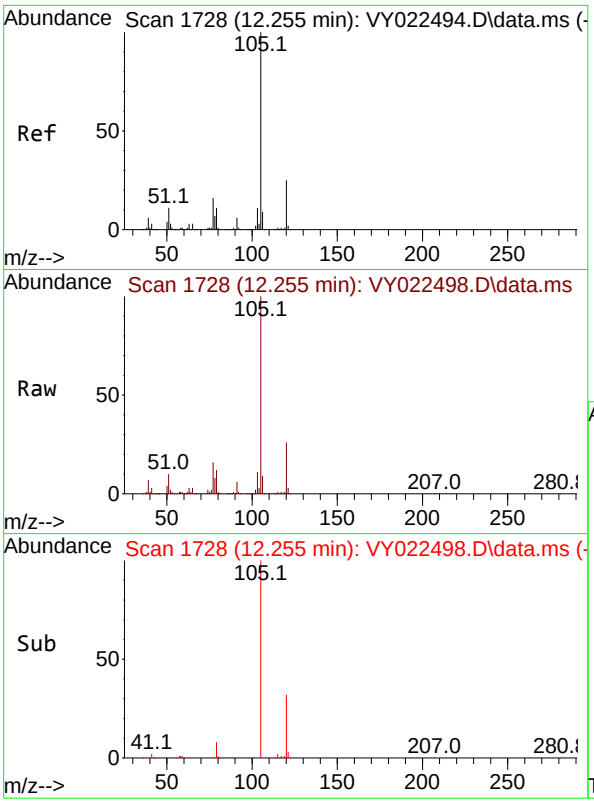


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:152 Resp: 145254

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	174.0	0.0	349.6



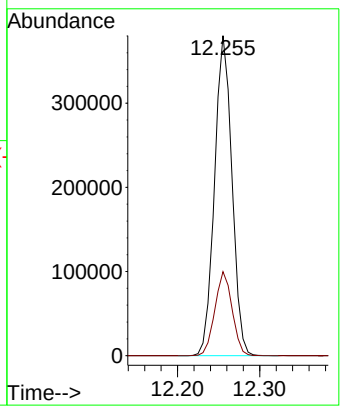


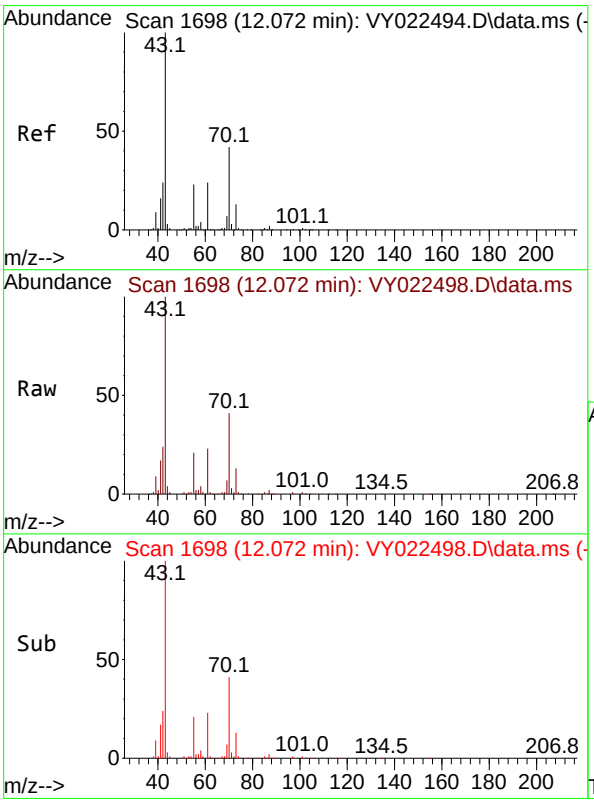
#73
Isopropylbenzene
Concen: 46.933 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:105 Resp: 559690

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9

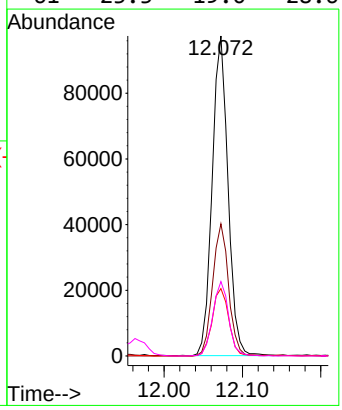


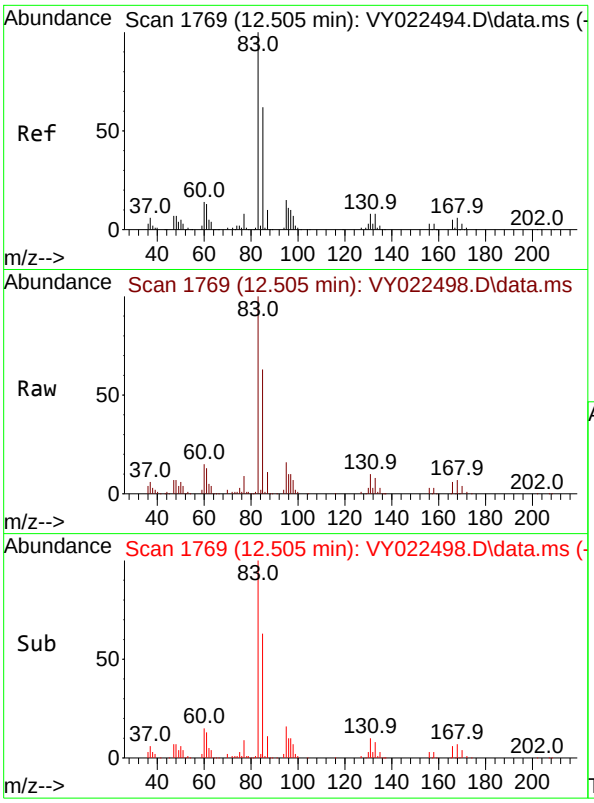


#74
N-amyl acetate
Concen: 45.502 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 136915

Ion	Ratio	Lower	Upper
43	100		
70	41.8	34.2	51.2
55	22.1	18.2	27.4
61	23.3	19.0	28.6



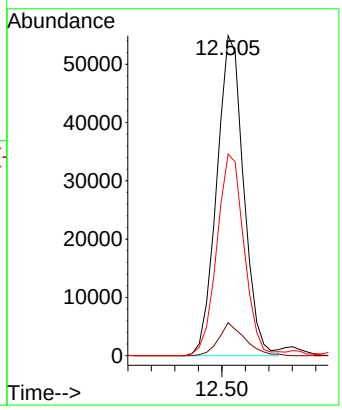


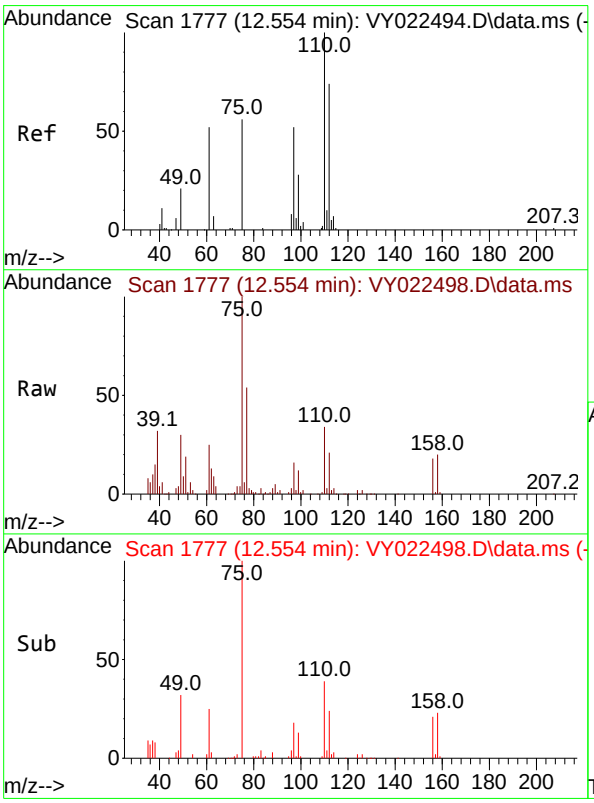
#75
1,1,2,2-Tetrachloroethane
Concen: 44.656 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 83 Resp: 87402

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	32.6	97.8

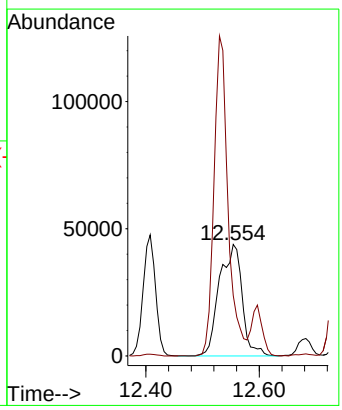


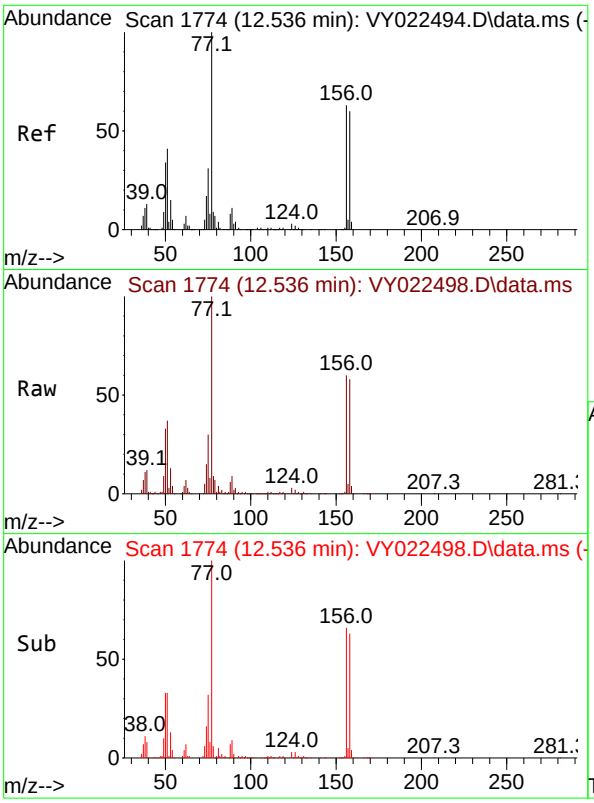


#76
1,2,3-Trichloropropane
Concen: 73.772 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 122591

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



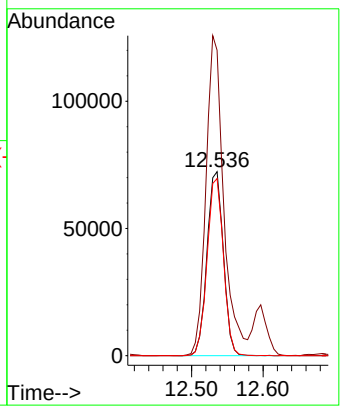


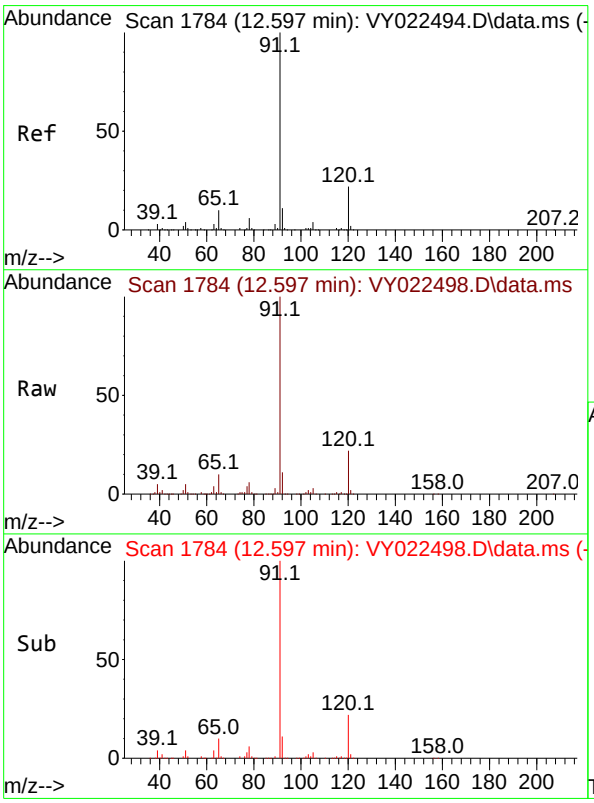
#77
Bromobenzene
Concen: 45.607 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:156 Resp: 114771

Ion	Ratio	Lower	Upper
156	100		
77	189.1	94.0	282.1
158	96.4	48.2	144.6

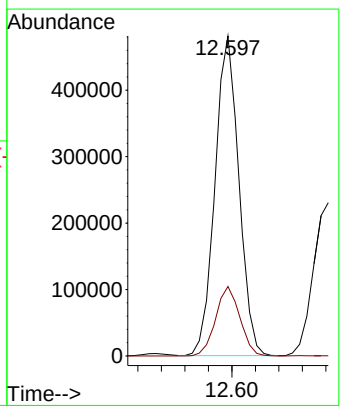


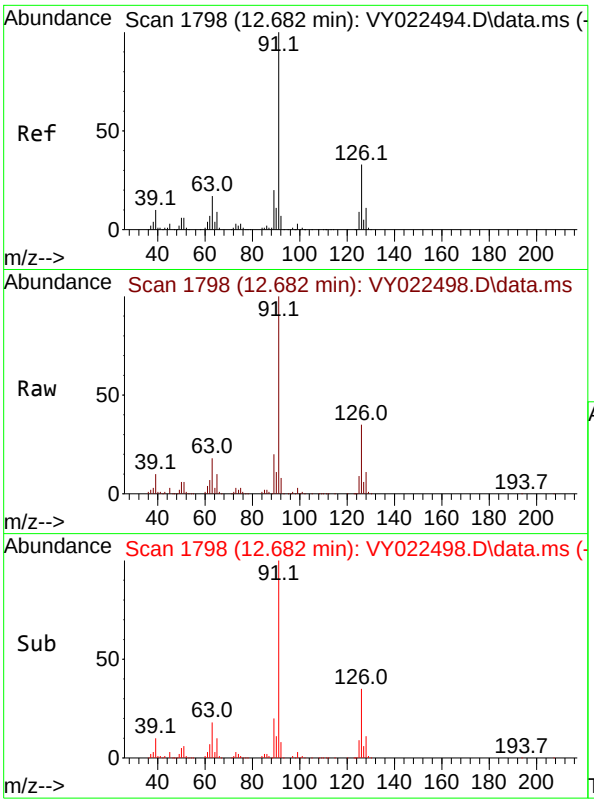


#78
n-propylbenzene
Concen: 46.696 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 680155

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4



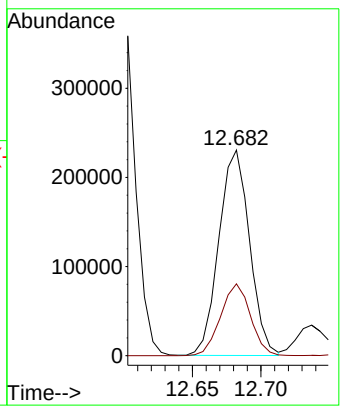


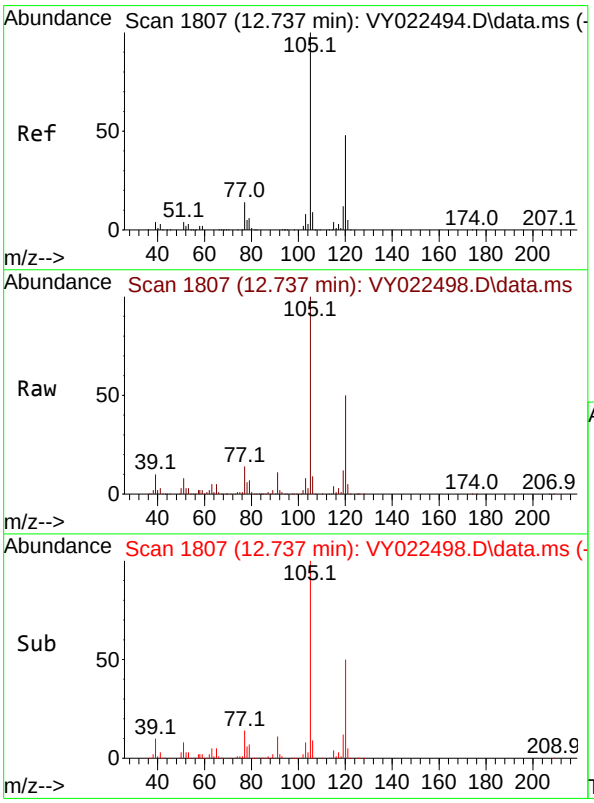
#79
2-Chlorotoluene
Concen: 46.472 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 358756

Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0

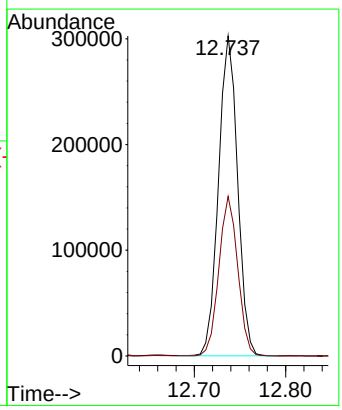


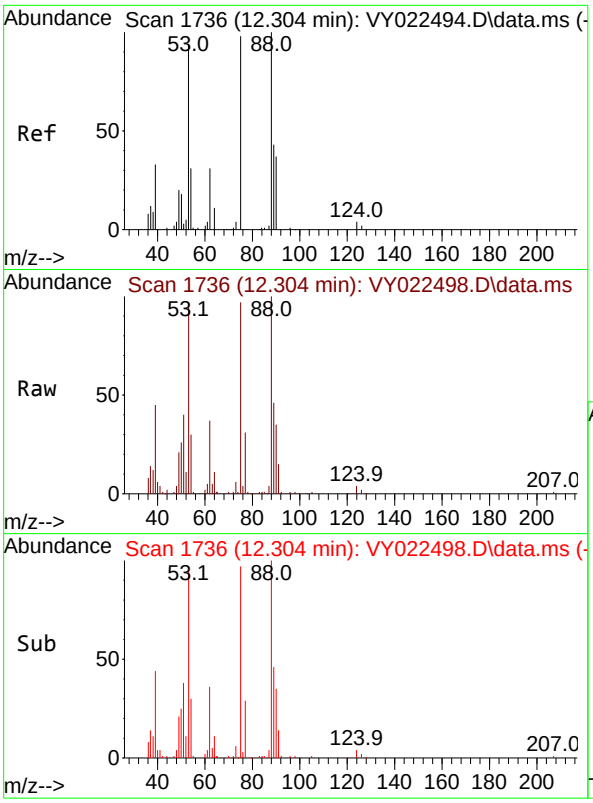


#80
1,3,5-Trimethylbenzene
Concen: 46.876 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 438873

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.4



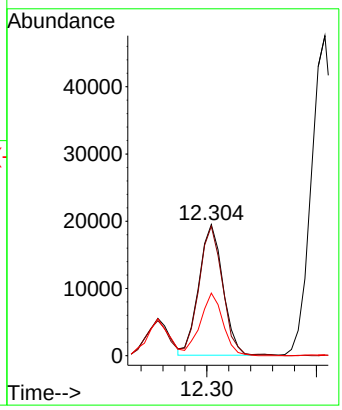


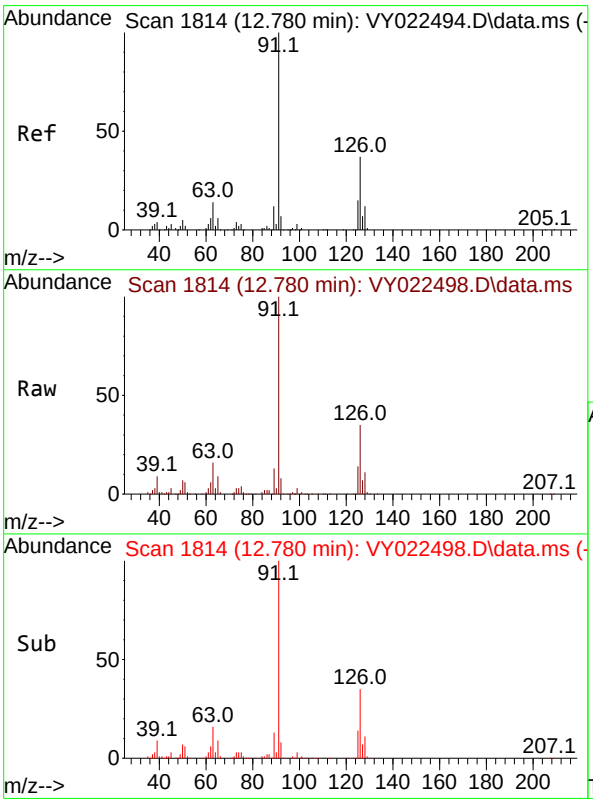
#81
trans-1,4-Dichloro-2-butene
Concen: 42.968 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 75 Resp: 29567

Ion	Ratio	Lower	Upper
75	100		
53	97.8	78.5	117.7
89	44.9	35.7	53.5

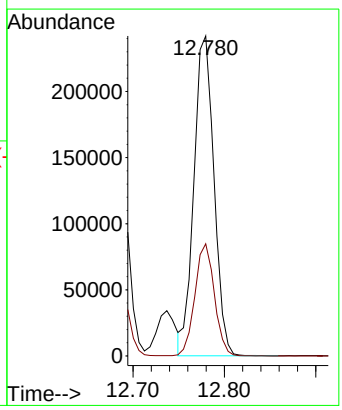


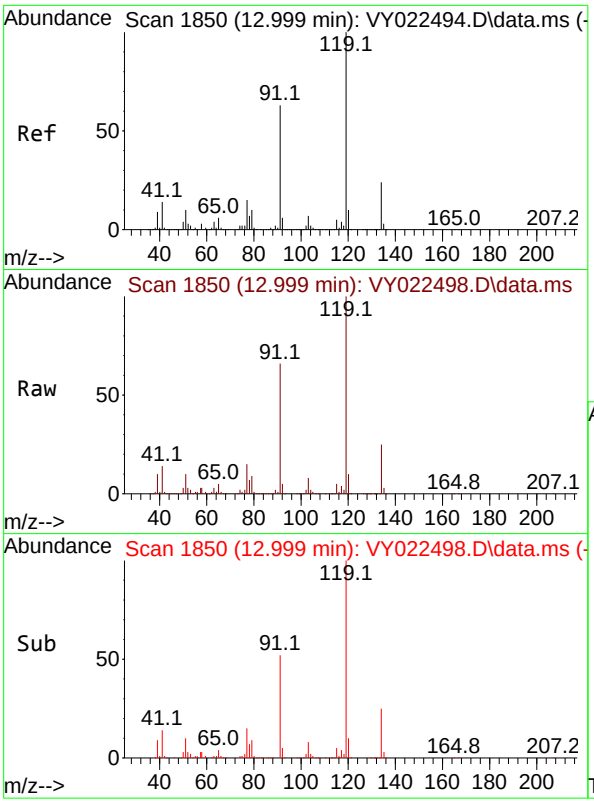


#82
4-Chlorotoluene
Concen: 46.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 368631

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.0	50.9



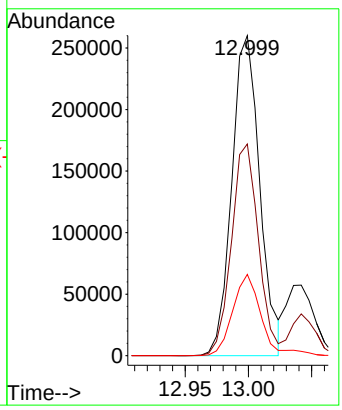


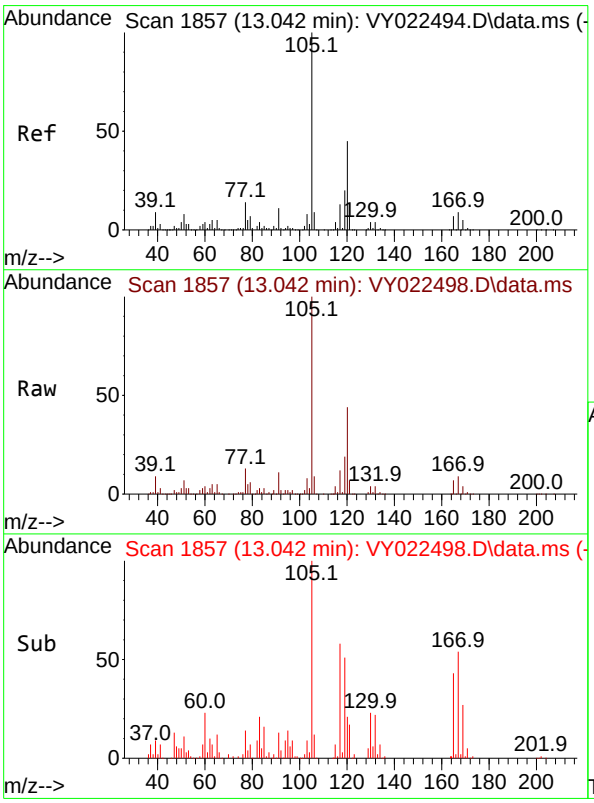
#83
tert-Butylbenzene
Concen: 47.655 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:119 Resp: 400440

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.1	96.3
134	25.9	13.0	38.9

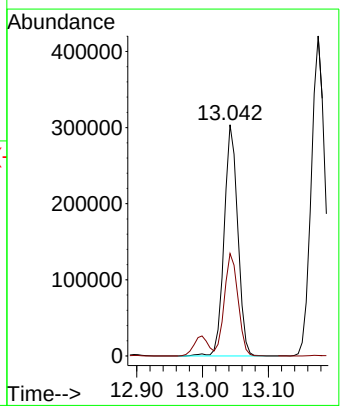


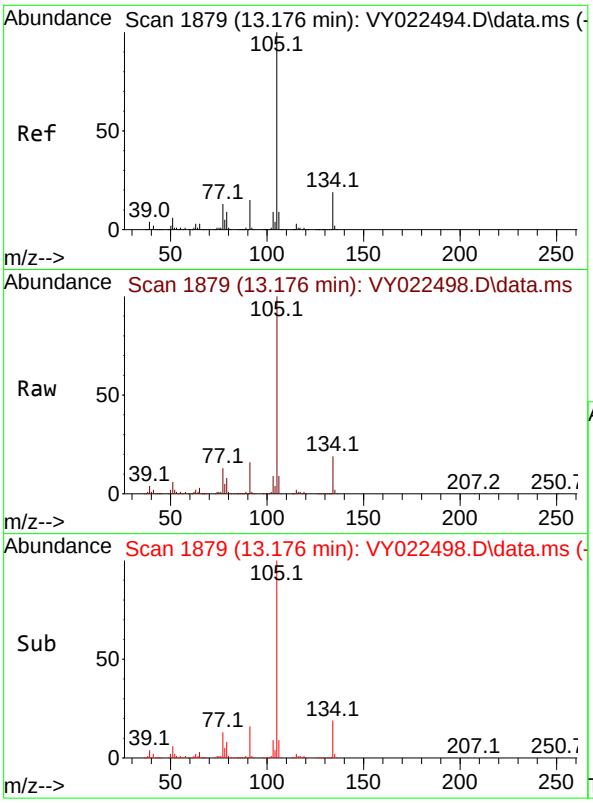


#84
1,2,4-Trimethylbenzene
Concen: 46.735 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 437631

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.1



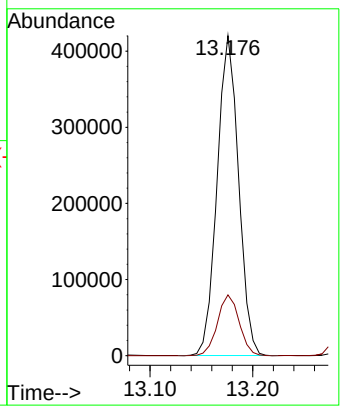


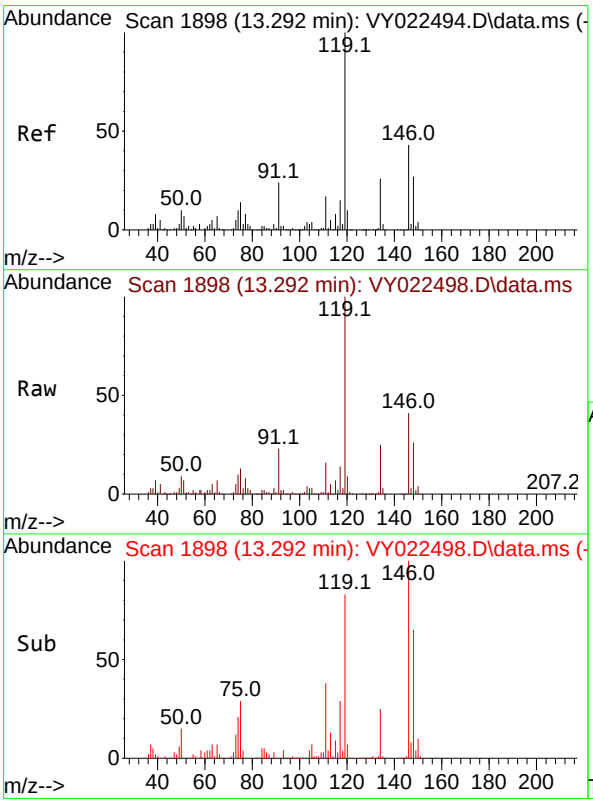
#85
sec-Butylbenzene
Concen: 47.241 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:105 Resp: 607968

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

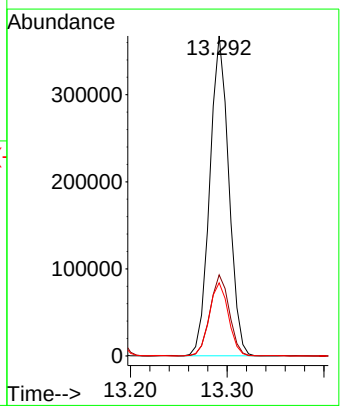


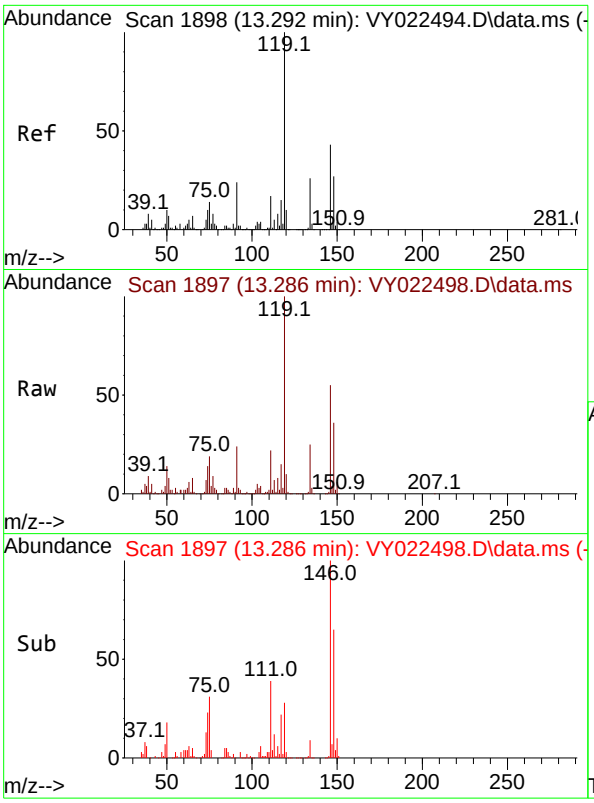


#86
p-Isopropyltoluene
Concen: 47.321 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:119 Resp: 501979

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.0	11.6	34.8



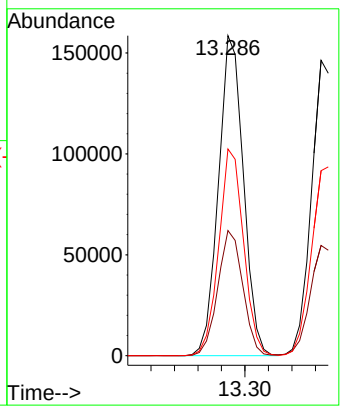


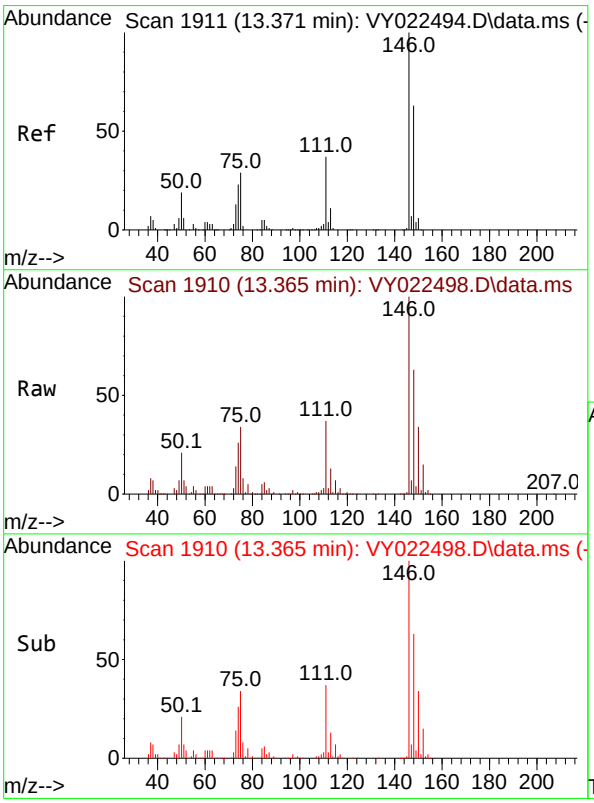
#87
1,3-Dichlorobenzene
Concen: 45.932 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:146 Resp: 234193

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.1	32.1	96.3

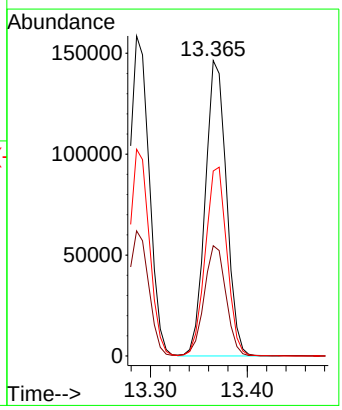


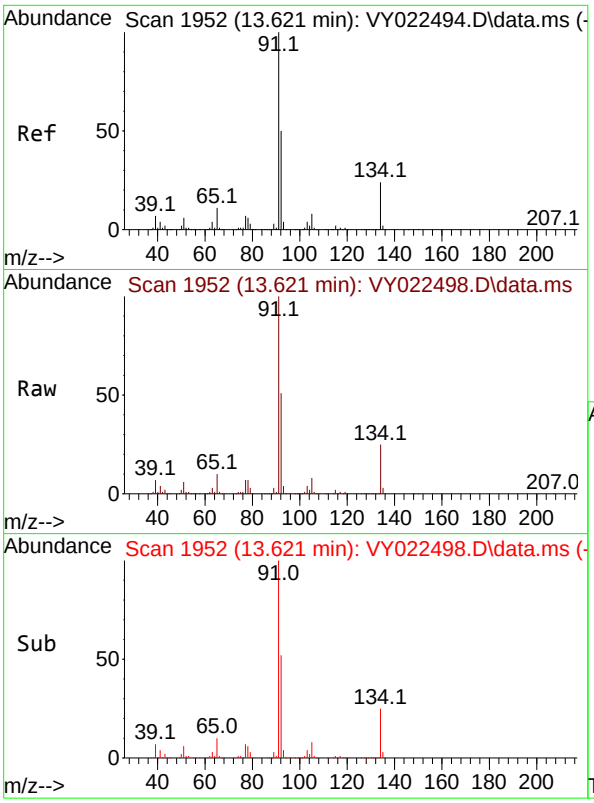


#88
1,4-Dichlorobenzene
Concen: 45.113 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:146 Resp: 223096

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	65.3	31.6	94.8



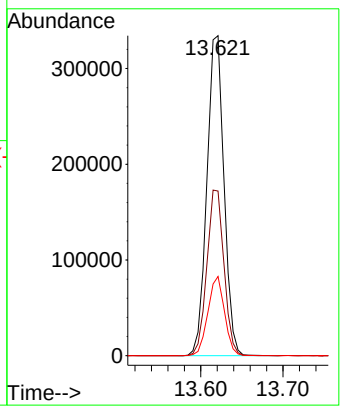


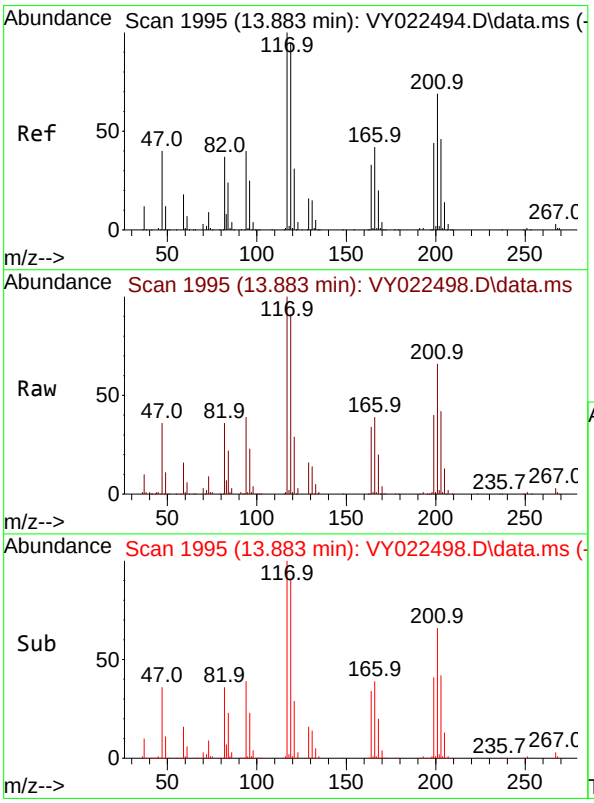
#89
n-Butylbenzene
Concen: 47.968 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion: 91 Resp: 482774

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	24.1	12.0	36.1

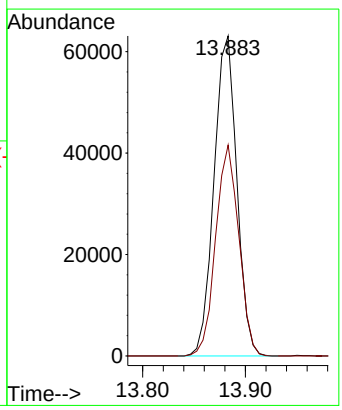


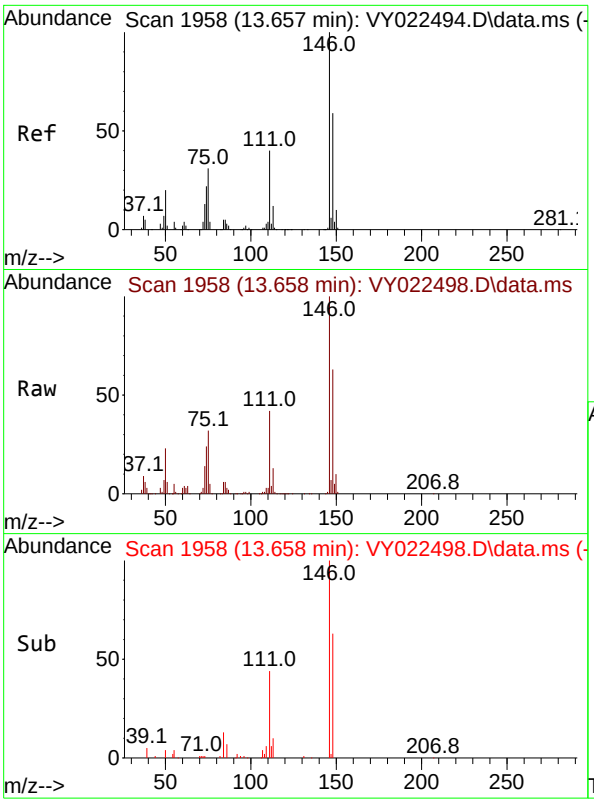


#90
Hexachloroethane
Concen: 47.101 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:117 Resp: 97273

Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.0	102.0



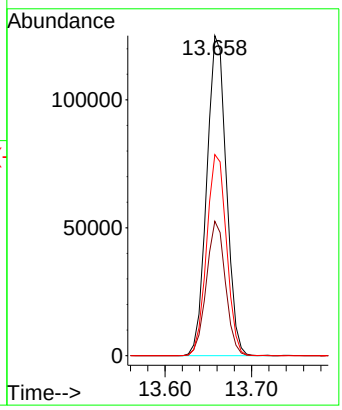


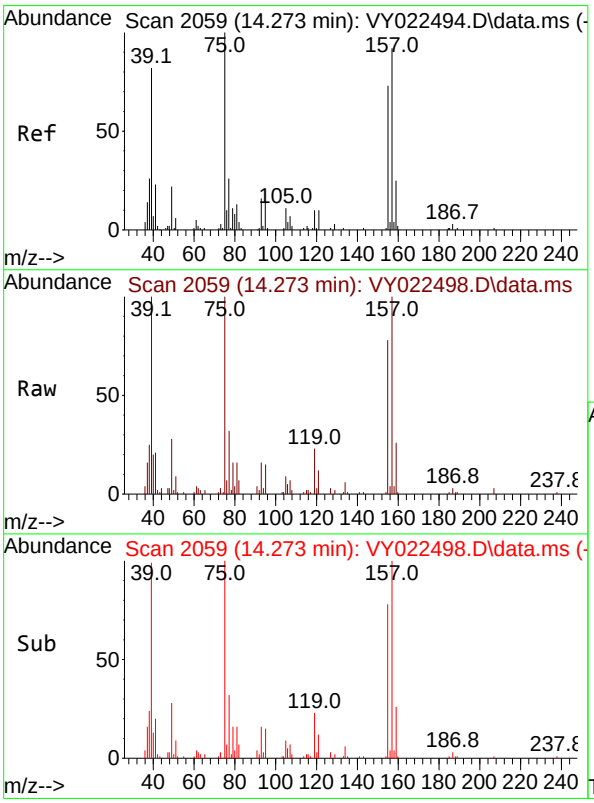
#91
1,2-Dichlorobenzene
Concen: 45.213 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:146 Resp: 195728

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	63.8	31.4	94.0

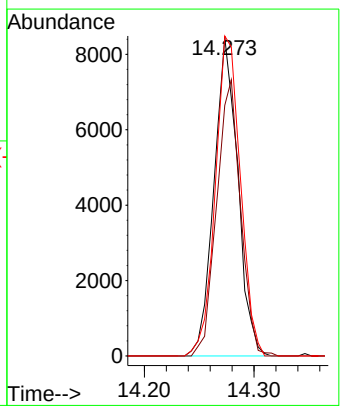


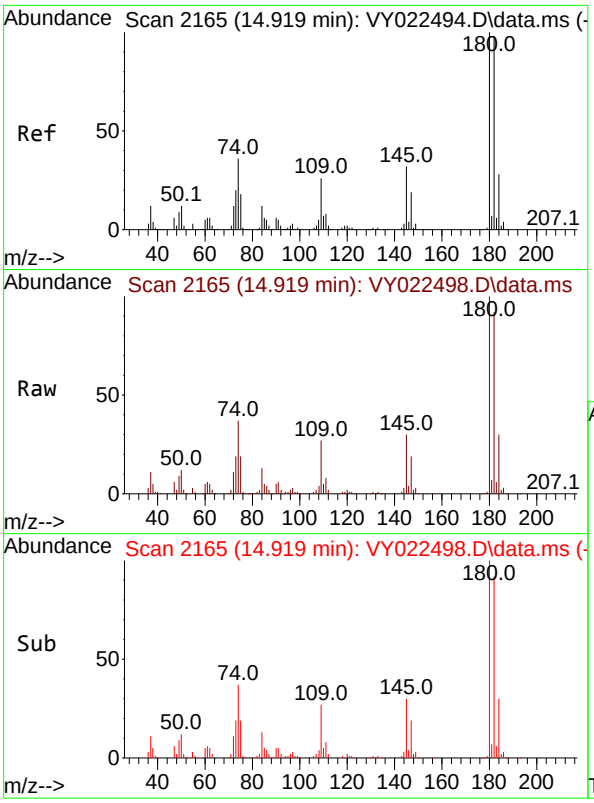


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.665 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 12728

Ion	Ratio	Lower	Upper
75	100		
155	87.1	39.9	119.6
157	105.8	54.0	162.0



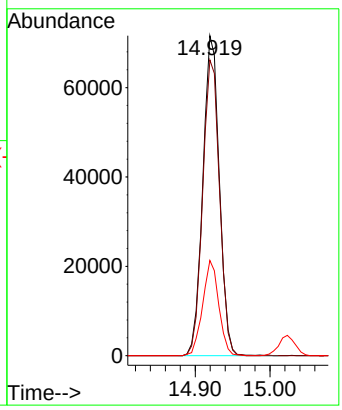


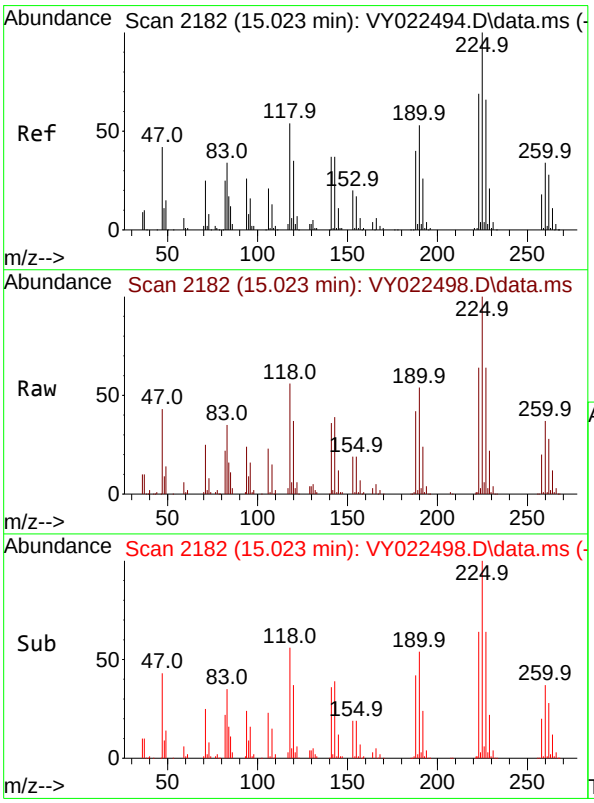
#93
1,2,4-Trichlorobenzene
Concen: 46.481 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:180 Resp: 109742

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.3
145	29.1	15.5	46.5

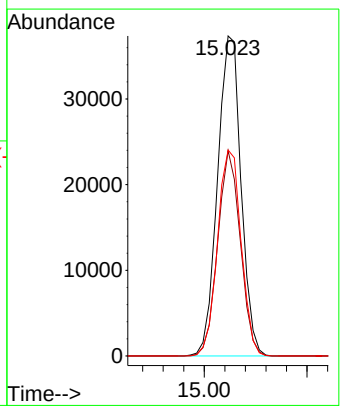


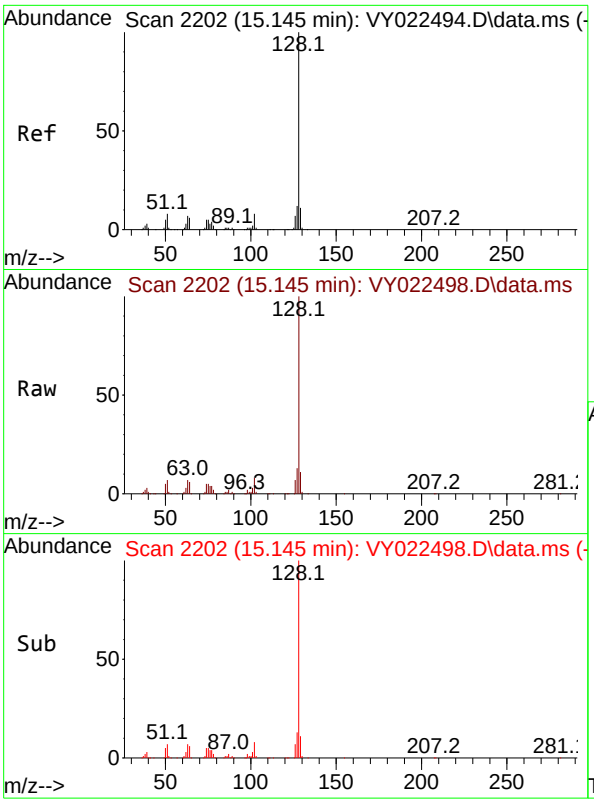


#94
Hexachlorobutadiene
Concen: 45.457 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:225 Resp: 59236

Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.5	97.4
227	64.6	32.3	96.9



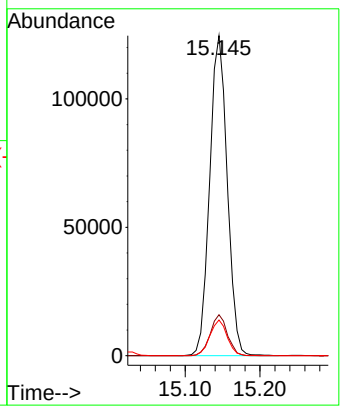


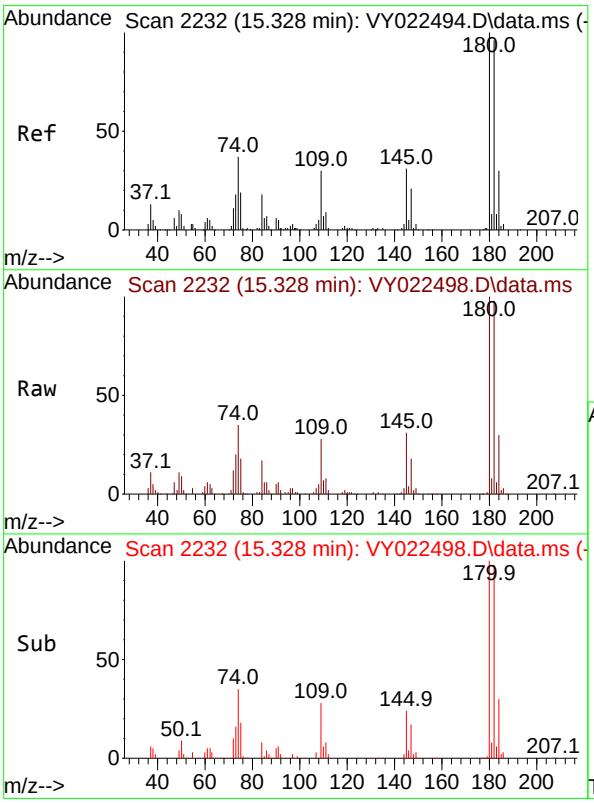
#95
Naphthalene
Concen: 45.009 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

Tgt Ion:128 Resp: 203925

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.0	8.9	13.3

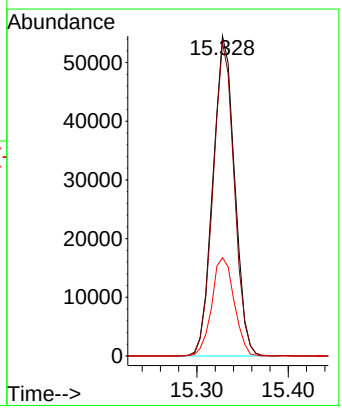




#96
1,2,3-Trichlorobenzene
Concen: 44.331 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 89699

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.3
145	31.8	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	187797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	325302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	108238	51.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.060%			
35) Dibromofluoromethane	7.640	113	97475	50.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.109	98	398159	50.750	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.407	95	115160	49.265	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	75927	45.159	ug/l	99
3) Chloromethane	2.068	50	247189	49.765	ug/l	98
4) Vinyl Chloride	2.208	62	292986	50.846	ug/l	99
5) Bromomethane	2.598	94	261600	47.366	ug/l	99
6) Chloroethane	2.738	64	206973	52.331	ug/l	98
7) Trichlorofluoromethane	3.055	101	238847	48.826	ug/l	99
8) Diethyl Ether	3.458	74	55565	50.439	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.823	101	98243	47.685	ug/l	99
10) Methyl Iodide	4.006	142	116238	52.134	ug/l	99
11) Tert butyl alcohol	4.890	59	37588	250.557	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96260	48.879	ug/l	95
13) Acrolein	3.659	56	44427	237.627	ug/l	98
14) Allyl chloride	4.390	41	154530	49.983	ug/l	99
15) Acrylonitrile	5.067	53	118258	253.468	ug/l	99
16) Acetone	3.884	43	91451	214.391	ug/l	97
17) Carbon Disulfide	4.110	76	315520	50.043	ug/l	97
18) Methyl Acetate	4.390	43	69944	55.372	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	280632	50.593	ug/l	99
20) Methylene Chloride	4.622	84	108749	44.882	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	112230	50.918	ug/l	100
22) Diisopropyl ether	6.024	45	347494	50.496	ug/l	98
23) Vinyl Acetate	5.969	43	1020040	250.435	ug/l	100
24) 1,1-Dichloroethane	5.921	63	207429	51.165	ug/l	99
25) 2-Butanone	6.902	43	150087	243.928	ug/l	96
26) 2,2-Dichloropropane	6.890	77	179492	50.109	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	131693	51.693	ug/l	98
28) Bromochloromethane	7.250	49	104897	59.357	ug/l	99
29) Tetrahydrofuran	7.268	42	100100	252.240	ug/l	98
30) Chloroform	7.426	83	207435	51.658	ug/l	92
31) Cyclohexane	7.707	56	185038	45.846	ug/l	98
32) 1,1,1-Trichloroethane	7.621	97	181822	51.007	ug/l	100
36) 1,1-Dichloropropene	7.841	75	153258	48.633	ug/l	99
37) Ethyl Acetate	6.994	43	69356	49.352	ug/l	98
38) Carbon Tetrachloride	7.823	117	158278	48.960	ug/l	98
39) Methylcyclohexane	9.115	83	200361	47.312	ug/l	95
40) Benzene	8.085	78	467282	50.204	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	35860	43.686	ug/l		91
42) 1,2-Dichloroethane	8.164	62	128548	50.581	ug/l		98
43) Isopropyl Acetate	8.201	43	150269	49.510	ug/l		99
44) Trichloroethene	8.871	130	111488	49.009	ug/l		95
45) 1,2-Dichloropropane	9.146	63	111633	50.749	ug/l		95
46) Dibromomethane	9.231	93	62344	50.378	ug/l		99
47) Bromodichloromethane	9.426	83	160659	51.199	ug/l		97
48) Methyl methacrylate	9.225	41	72544	50.927	ug/l		99
49) 1,4-Dioxane	9.243	88	13838	943.857	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	383731	253.585	ug/l		99
52) Toluene	10.176	92	292952	50.084	ug/l		100
53) t-1,3-Dichloropropene	10.395	75	149694	50.914	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	172592	50.428	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	79092	50.121	ug/l		96
56) Ethyl methacrylate	10.444	69	114501	50.203	ug/l		99
57) 1,3-Dichloropropane	10.718	76	139564	49.900	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	279007	269.440	ug/l		100
59) 2-Hexanone	10.761	43	251489	248.499	ug/l		99
60) Dibromochloromethane	10.914	129	101429	50.578	ug/l		98
61) 1,2-Dibromoethane	11.017	107	73106	50.829	ug/l		97
64) Tetrachloroethene	10.651	164	116688	49.032	ug/l		98
65) Chlorobenzene	11.444	112	309162	50.500	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	102149	49.530	ug/l		99
67) Ethyl Benzene	11.523	91	569736	50.175	ug/l		97
68) m/p-Xylenes	11.633	106	423248	98.325	ug/l		99
69) o-Xylene	11.956	106	197139	48.847	ug/l		95
70) Styrene	11.968	104	337617	50.608	ug/l		99
71) Bromoform	12.133	173	54008	49.211	ug/l	#	97
73) Isopropylbenzene	12.255	105	523520	48.906	ug/l		99
74) N-amyl acetate	12.072	43	134344	49.739	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.511	83	87261	49.668	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	121644	81.550	ug/l	#	100
77) Bromobenzene	12.535	156	112367	49.743	ug/l		99
78) n-propylbenzene	12.596	91	641434	49.060	ug/l		99
79) 2-Chlorotoluene	12.682	91	340867	49.190	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	416181	49.521	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	30494	49.369	ug/l		96
82) 4-Chlorotoluene	12.779	91	343404	48.038	ug/l		99
83) tert-Butylbenzene	12.999	119	371831	49.296	ug/l		100
84) 1,2,4-Trimethylbenzene	13.047	105	417788	49.704	ug/l		100
85) sec-Butylbenzene	13.175	105	567452	49.121	ug/l		100
86) p-Isopropyltoluene	13.291	119	464860	48.819	ug/l		100
87) 1,3-Dichlorobenzene	13.291	146	225894	49.356	ug/l		100
88) 1,4-Dichlorobenzene	13.370	146	216249	48.715	ug/l		99
89) n-Butylbenzene	13.620	91	452386	50.075	ug/l		99
90) Hexachloroethane	13.883	117	91854	49.550	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	191317	49.234	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13456	52.605	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	108808	51.341	ug/l		96
94) Hexachlorobutadiene	15.023	225	56388	48.206	ug/l		98
95) Naphthalene	15.145	128	209808	51.588	ug/l		99
96) 1,2,3-Trichlorobenzene	15.327	180	91404	50.325	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

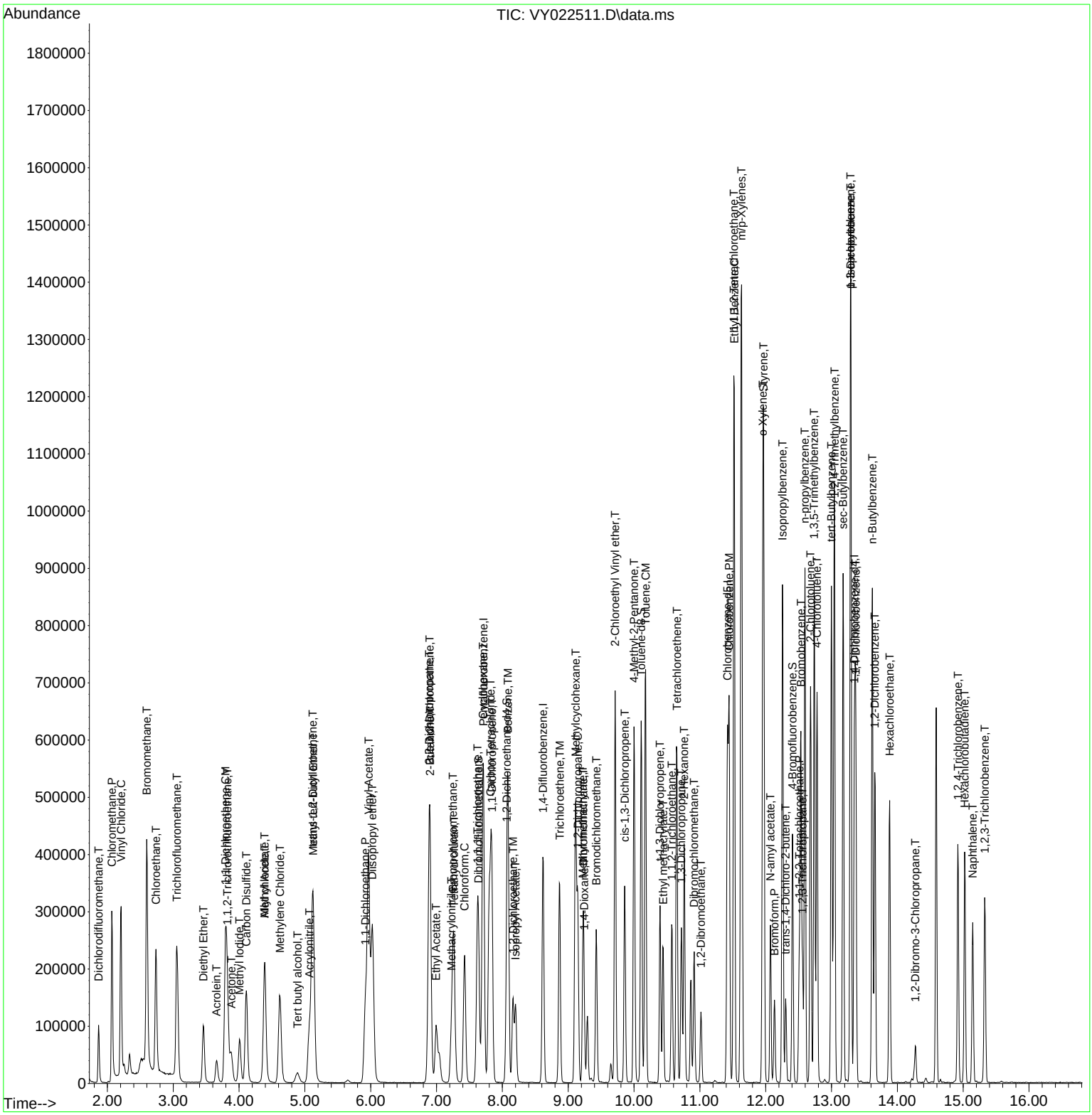
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

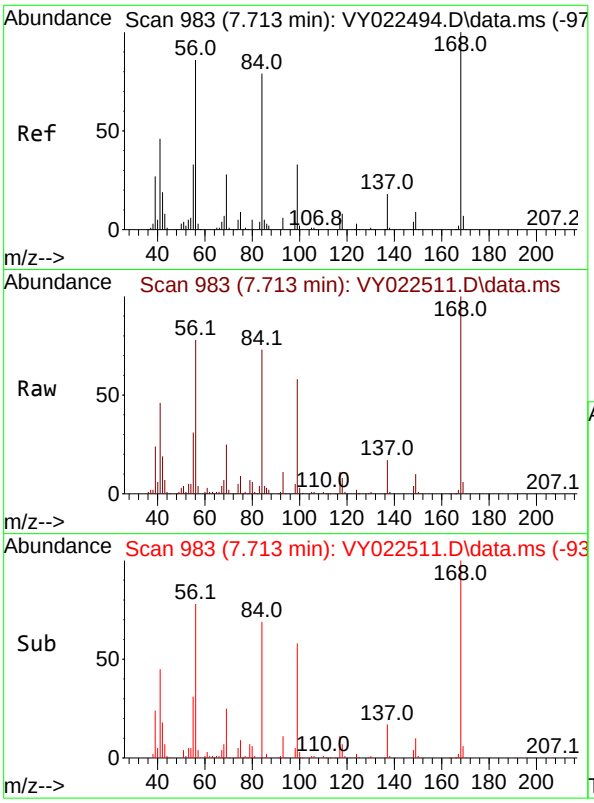
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022511.D
Acq On : 03 Jun 2025 10:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 04:08:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



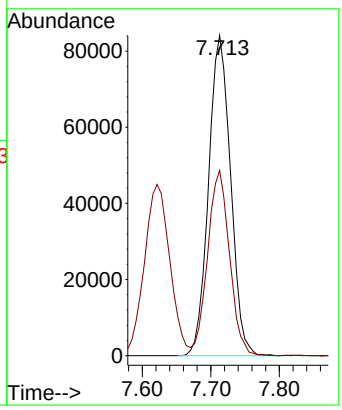


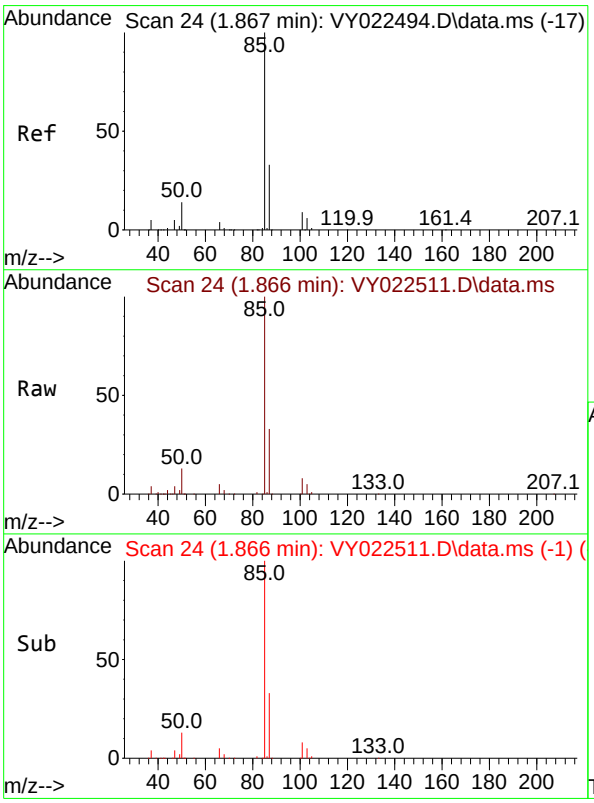
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 187797

Ion	Ratio	Lower	Upper
168	100		
99	57.9	44.3	66.5

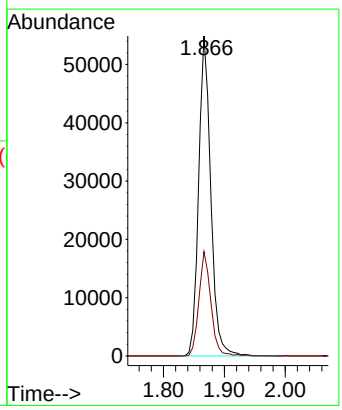


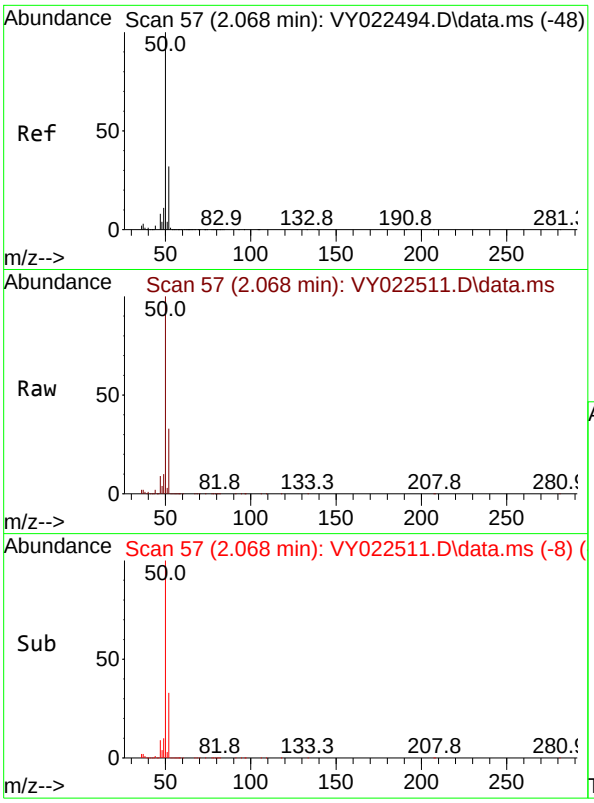


#2
Dichlorodifluoromethane
Concen: 45.159 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 85 Resp: 75927

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.7	50.0



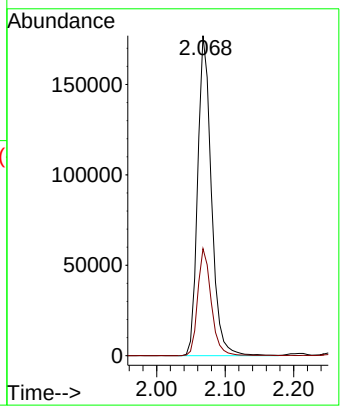


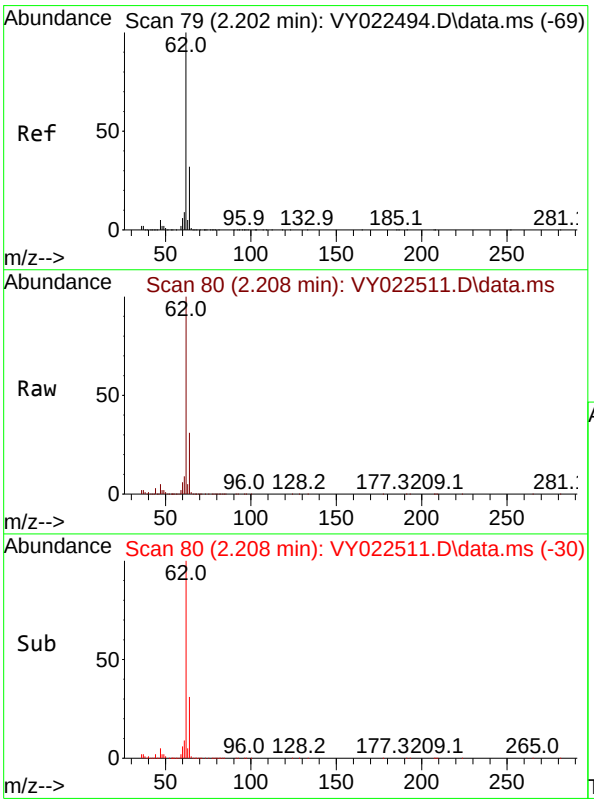
#3
Chloromethane
Concen: 49.765 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 247189

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.0	39.0

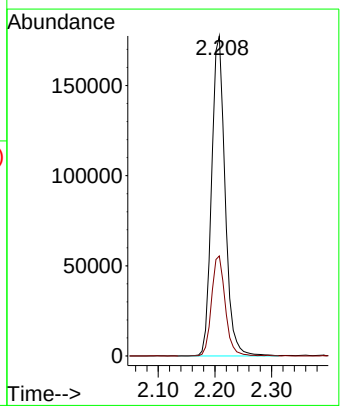


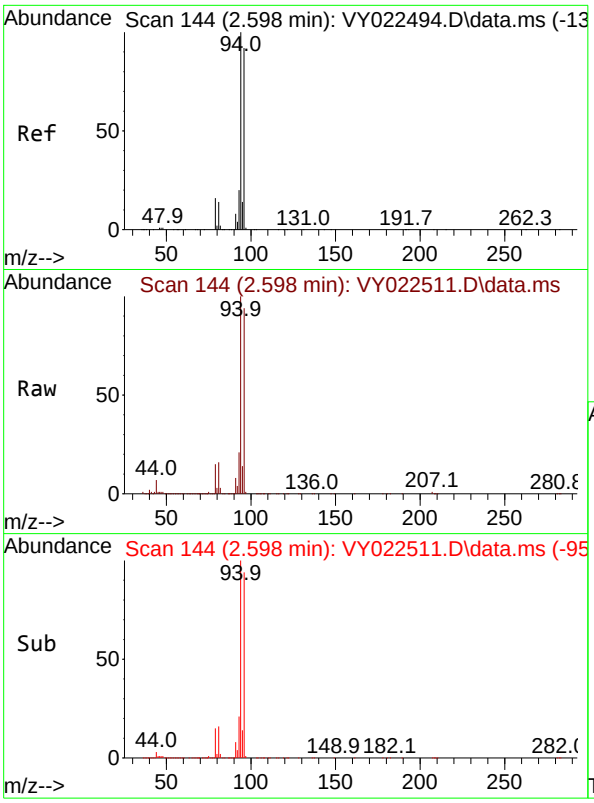


#4
Vinyl Chloride
Concen: 50.846 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 292986

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.3	37.9



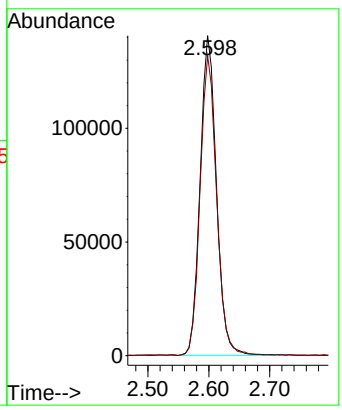


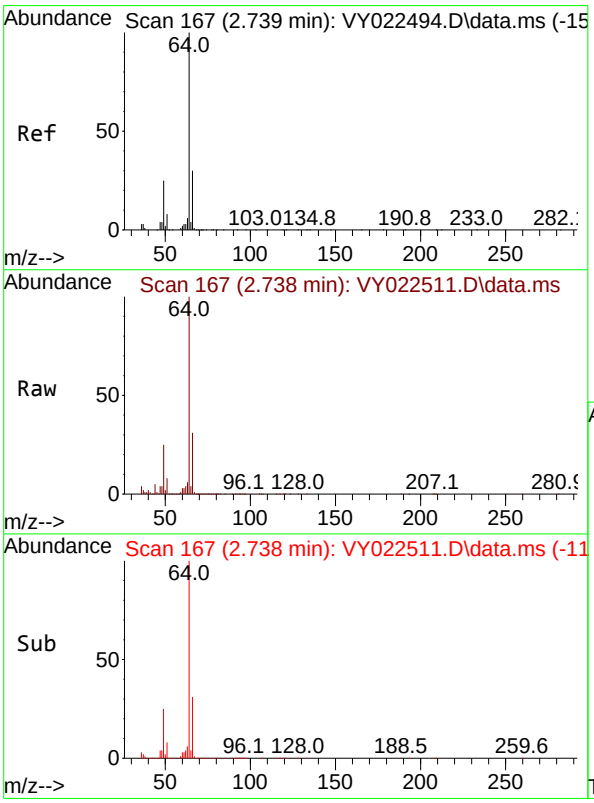
#5
Bromomethane
Concen: 47.366 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 261600

Ion	Ratio	Lower	Upper
94	100		
96	93.8	74.0	111.0

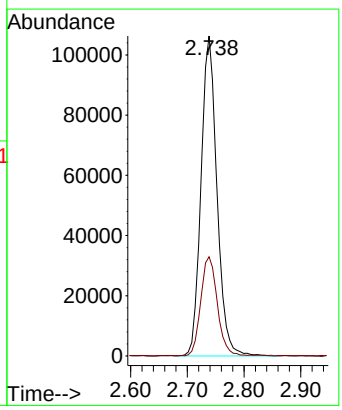


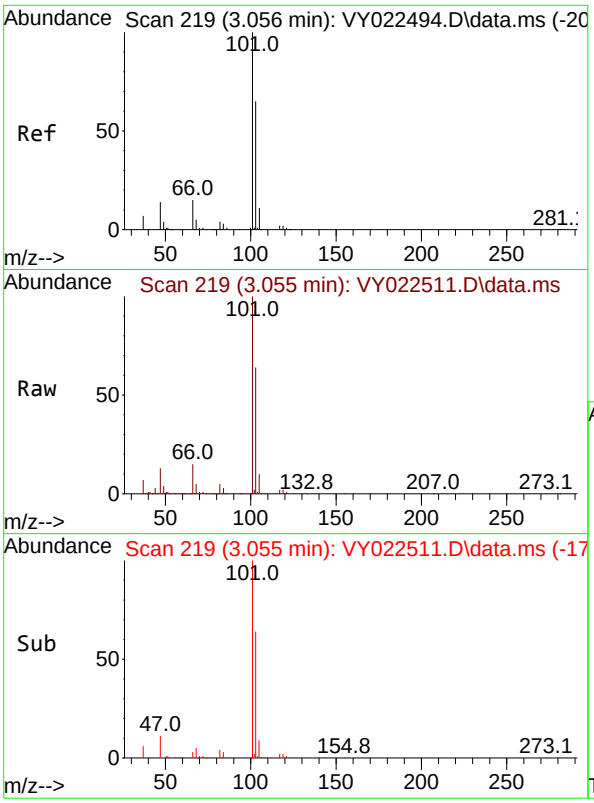


#6
Chloroethane
Concen: 52.331 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 64 Resp: 206973

Ion	Ratio	Lower	Upper
64	100		
66	30.9	23.8	35.6



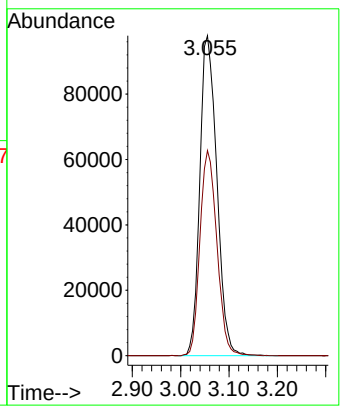


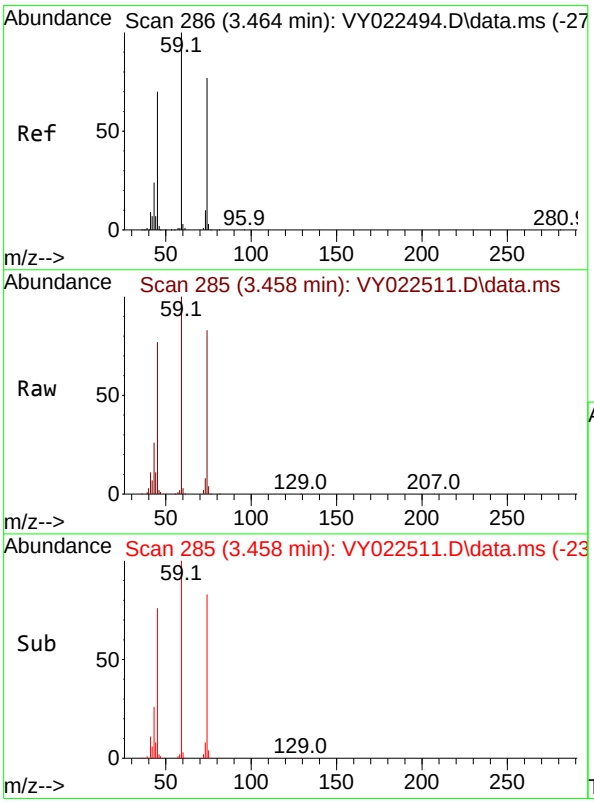
#7
Trichlorofluoromethane
Concen: 48.826 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 238847

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.2

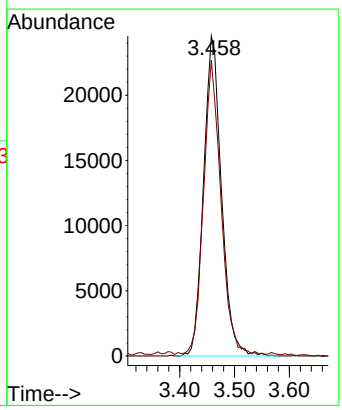


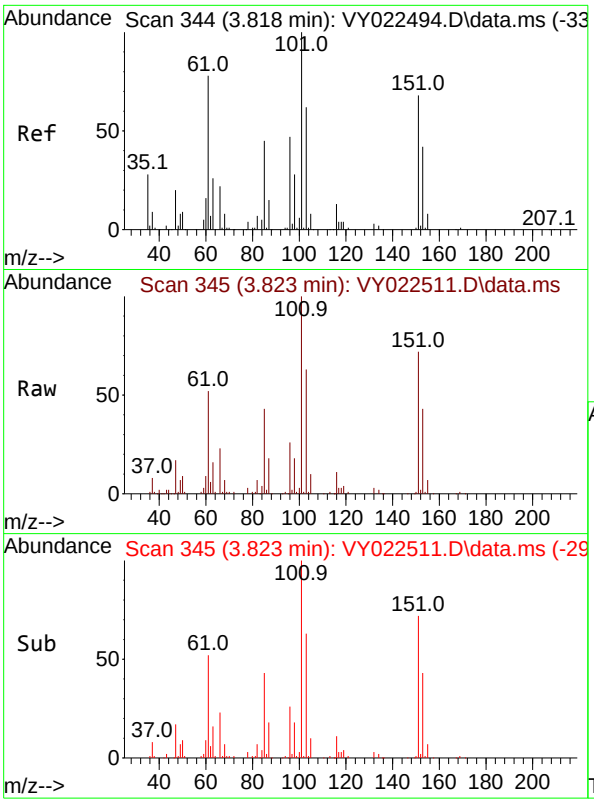


#8
Diethyl Ether
Concen: 50.439 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 74 Resp: 55565

Ion	Ratio	Lower	Upper
74	100		
45	88.8	45.9	137.6



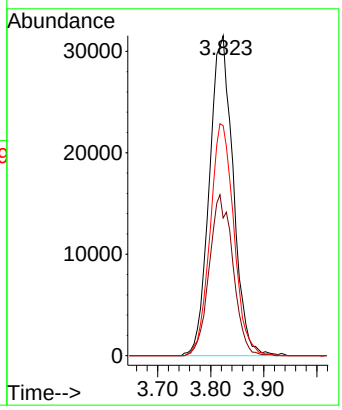


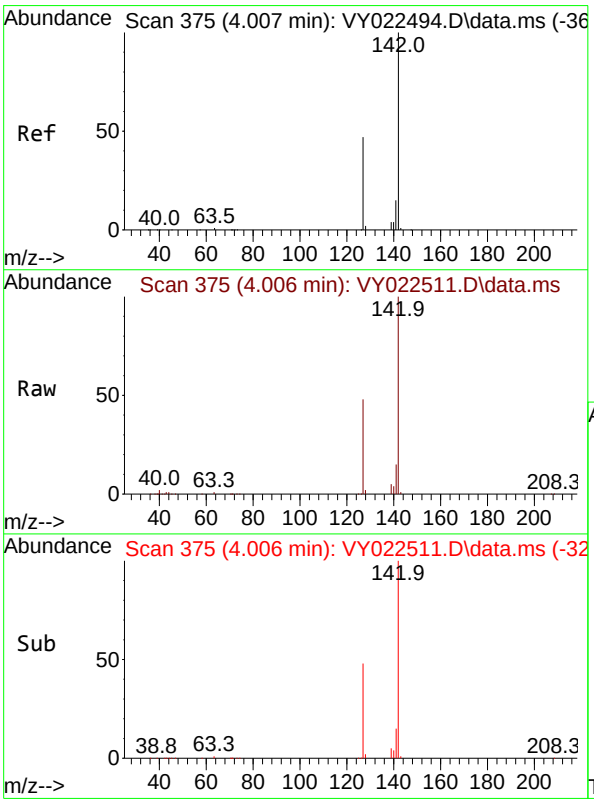
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.685 ug/l
RT: 3.823 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 98243

Ion	Ratio	Lower	Upper
101	100		
85	50.1	39.3	58.9
151	72.5	57.8	86.8

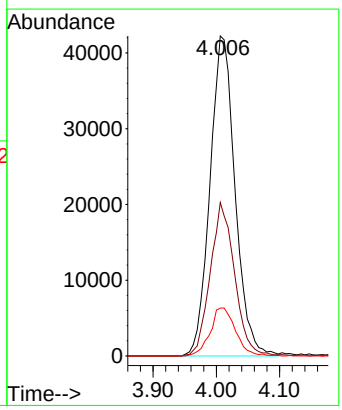


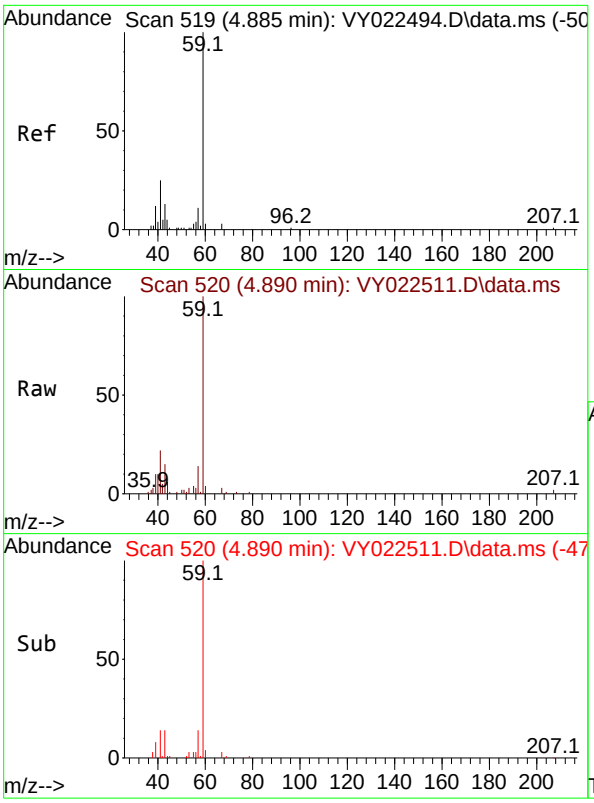


#10
Methyl Iodide
Concen: 52.134 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:142 Resp: 116238

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.1	55.7
141	15.2	11.4	17.2



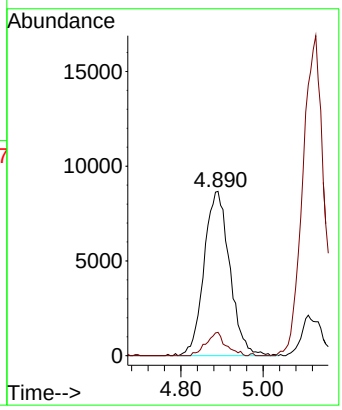


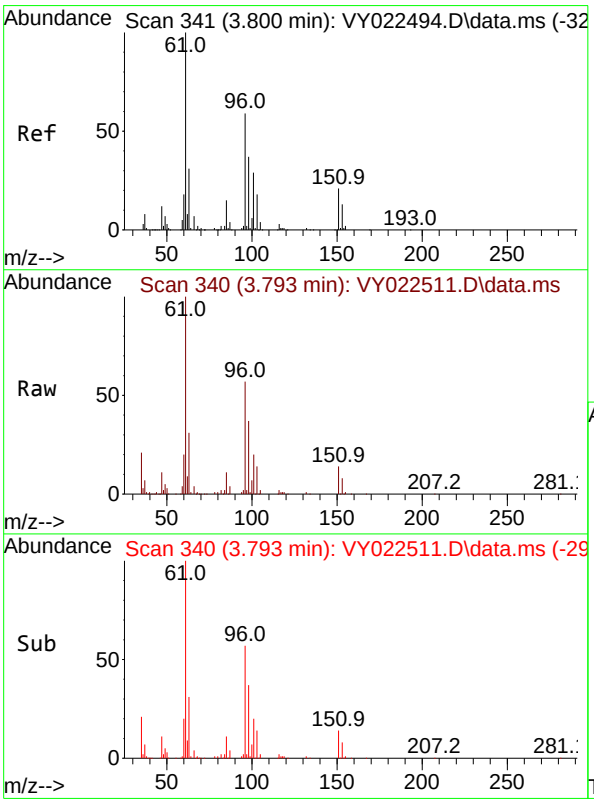
#11
Tert butyl alcohol
Concen: 250.557 ug/l
RT: 4.890 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 37588

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.0	12.0

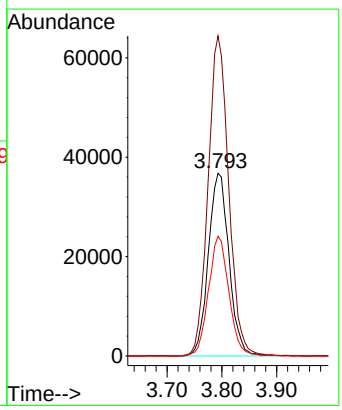


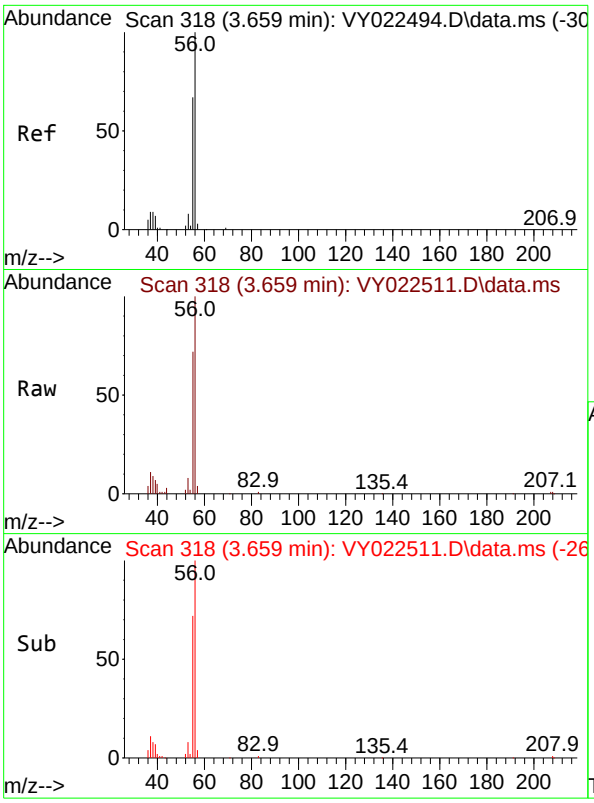


#12
1,1-Dichloroethene
Concen: 48.879 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 96 Resp: 96260

Ion	Ratio	Lower	Upper
96	100		
61	175.2	134.6	201.8
98	65.5	50.2	75.4



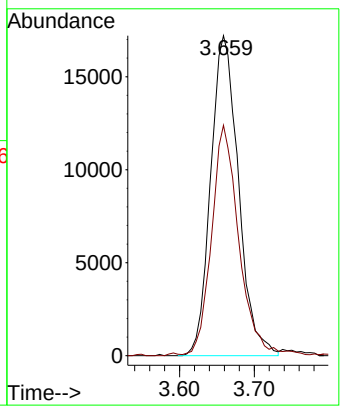


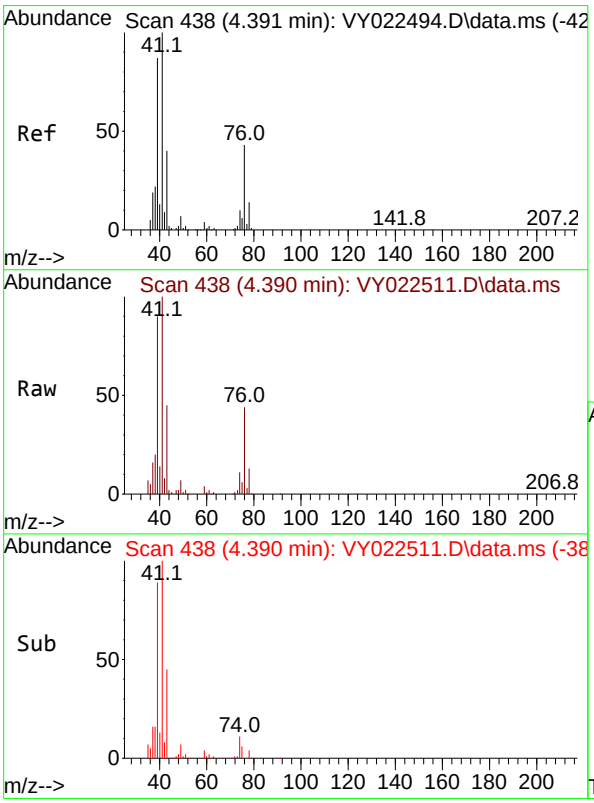
#13
Acrolein
Concen: 237.627 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 44427

Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.0	85.6

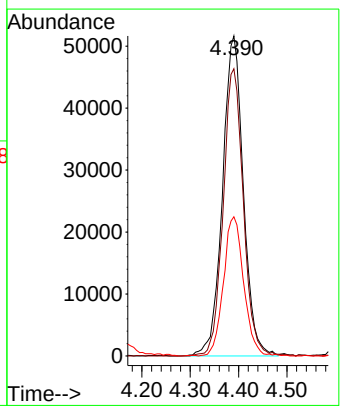


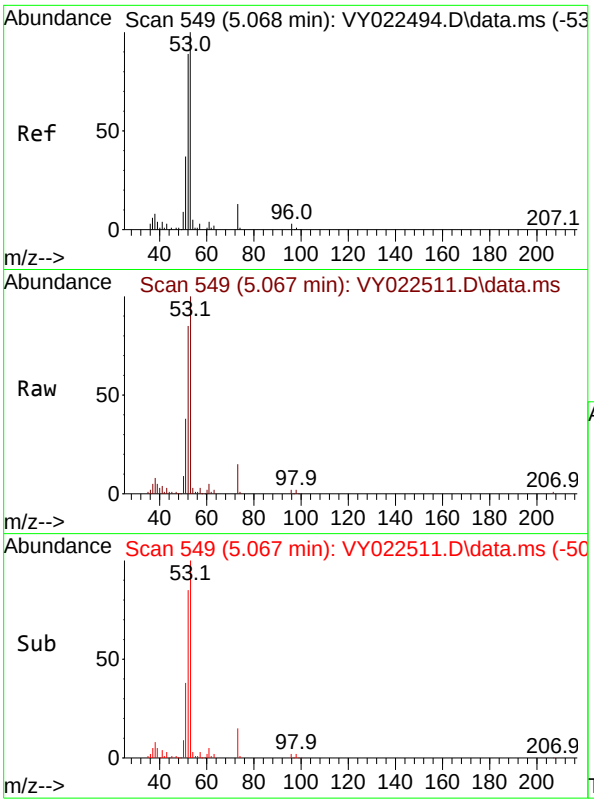


#14
Allyl chloride
Concen: 49.983 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 154530

Ion	Ratio	Lower	Upper
41	100		
39	87.1	69.1	103.7
76	42.3	33.5	50.3



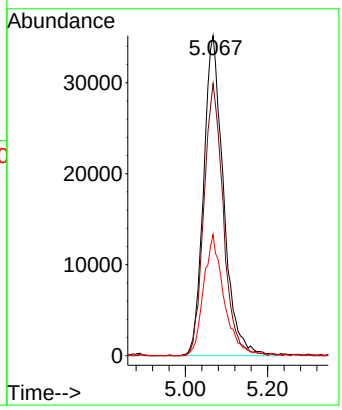


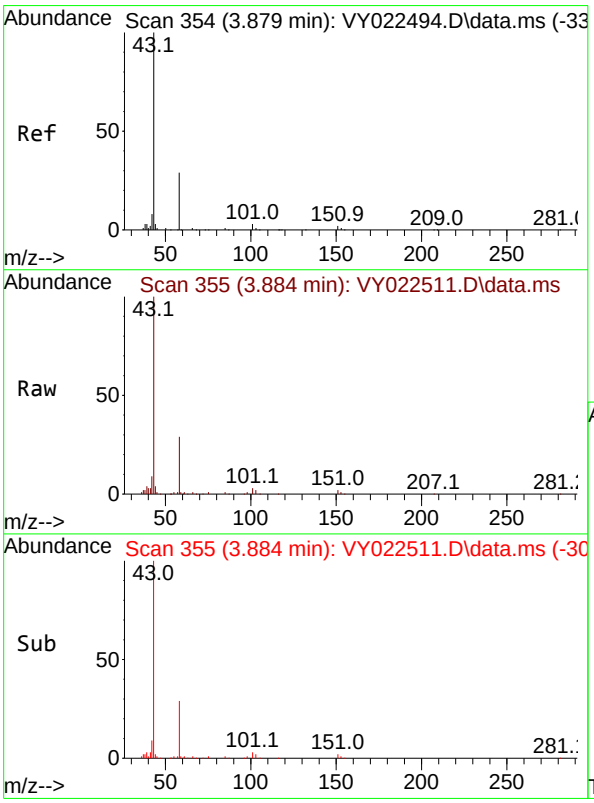
#15
Acrylonitrile
Concen: 253.468 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 118258

Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.7	98.5
51	38.7	30.1	45.1

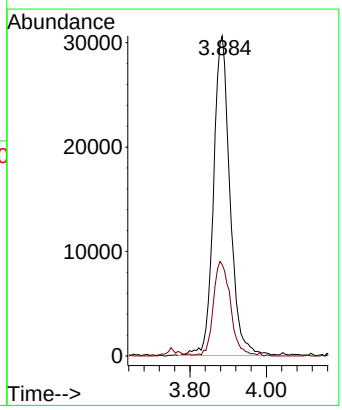


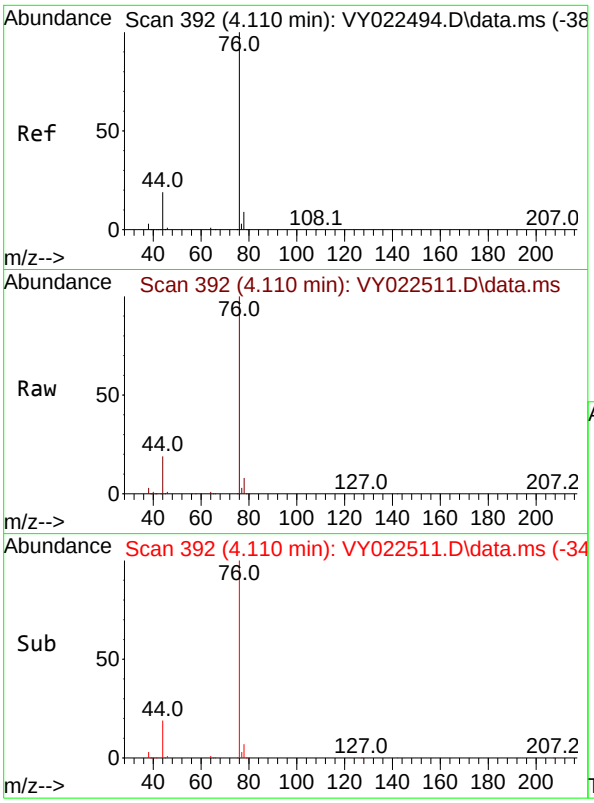


#16
Acetone
Concen: 214.391 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 91451

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.0	36.0



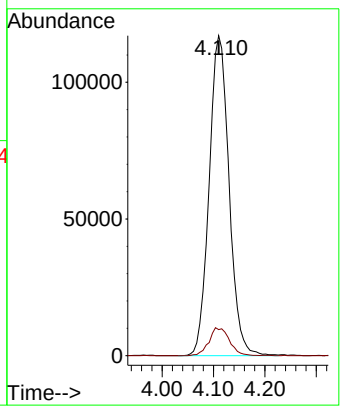


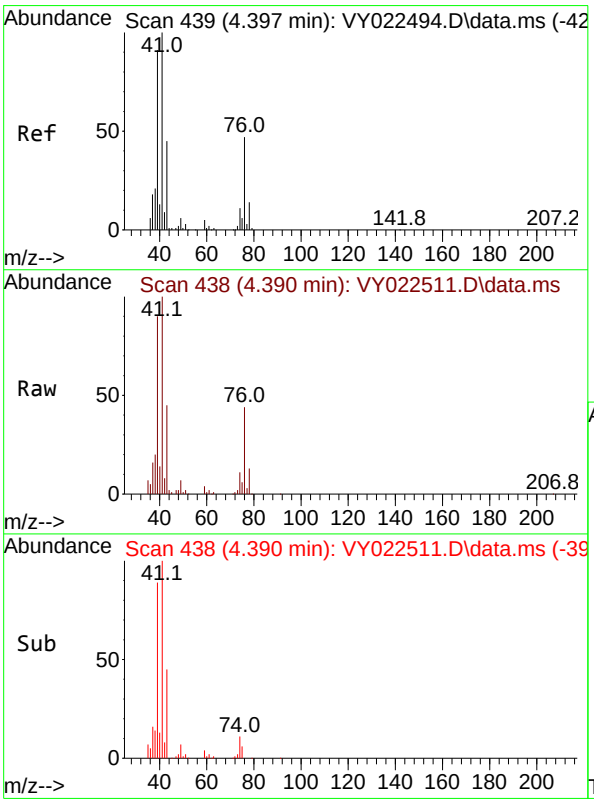
#17
Carbon Disulfide
Concen: 50.043 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 315520

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.2

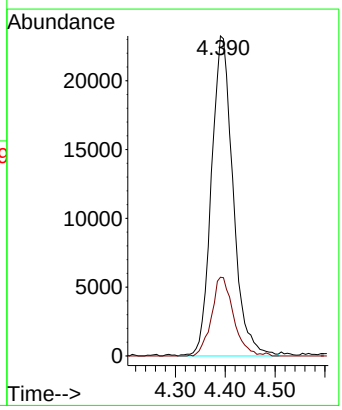


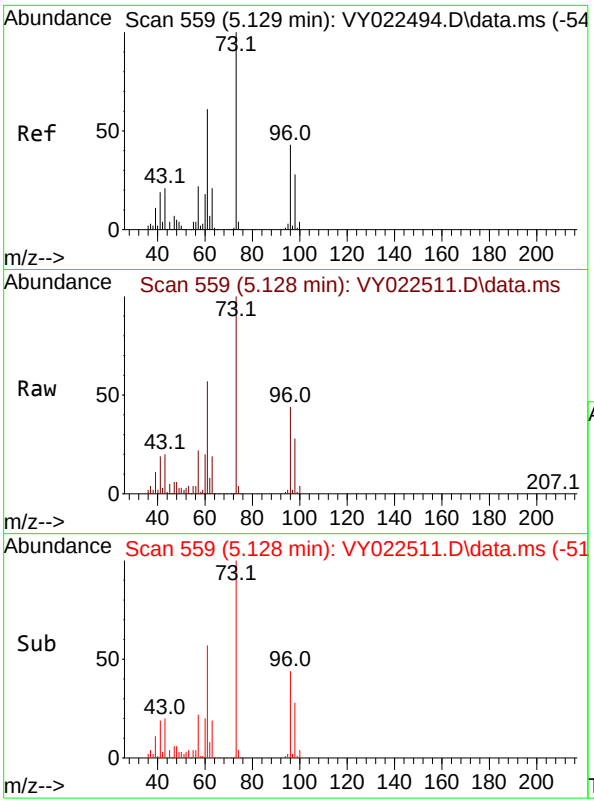


#18
Methyl Acetate
Concen: 55.372 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 69944

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6



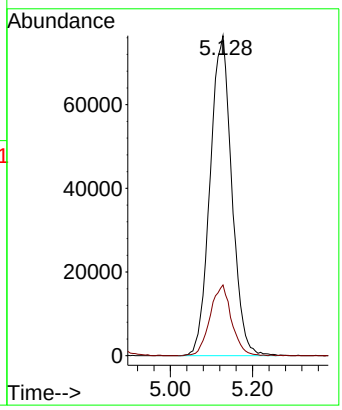


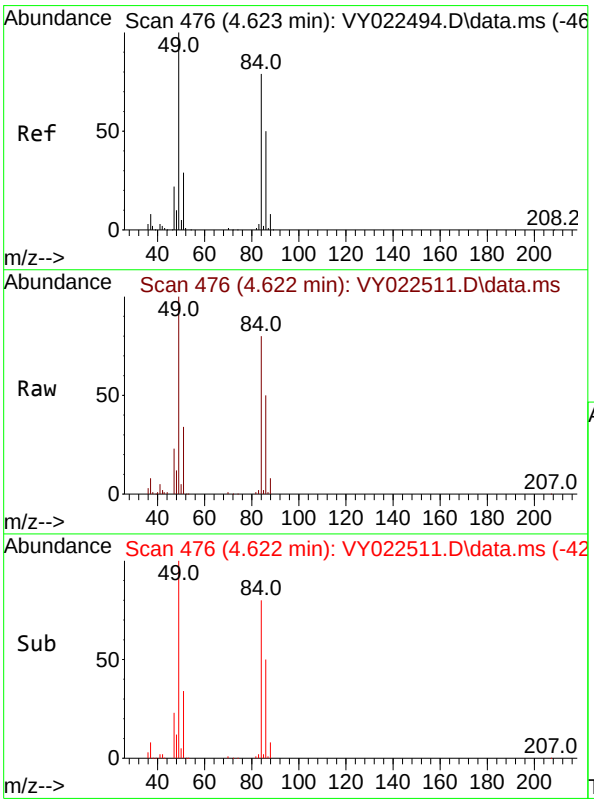
#19
Methyl tert-butyl Ether
Concen: 50.593 ug/l
RT: 5.128 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 280632

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.0

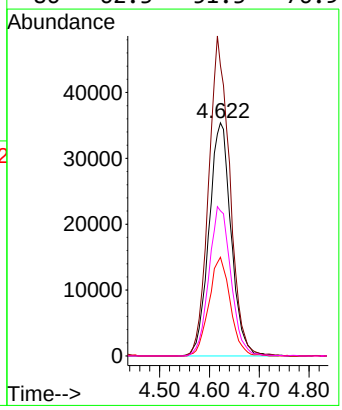


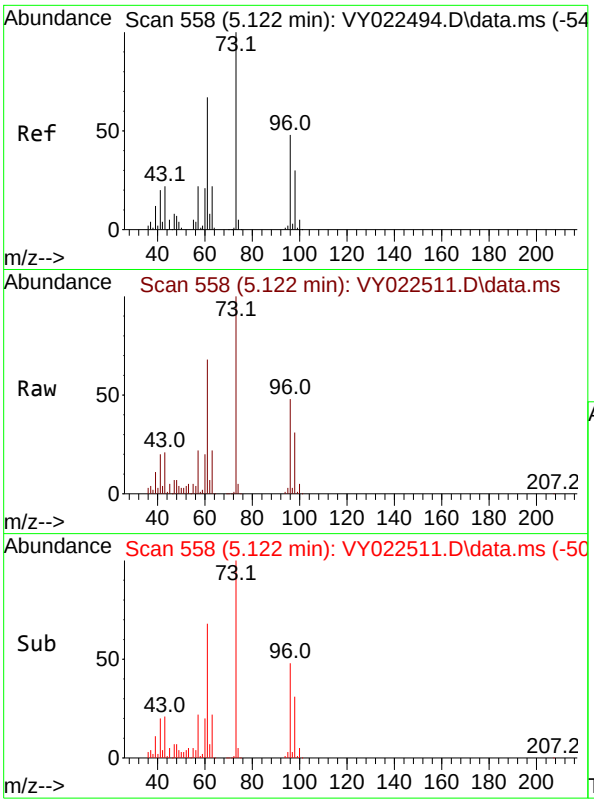


#20
Methylene Chloride
Concen: 44.882 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 84 Resp: 108749

Ion	Ratio	Lower	Upper
84	100		
49	124.6	101.9	152.9
51	42.4	29.8	44.8
86	62.3	51.3	76.9



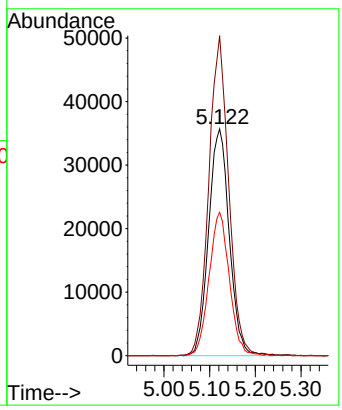


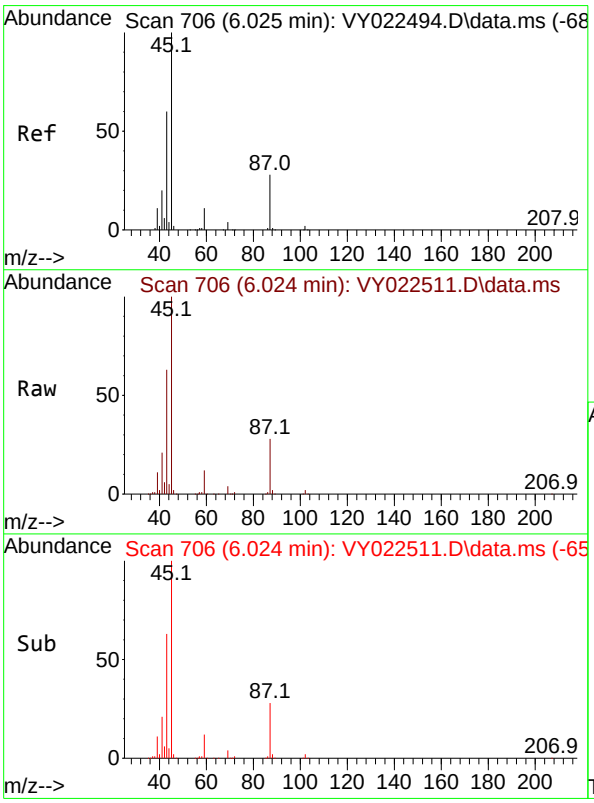
#21
trans-1,2-Dichloroethene
Concen: 50.918 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 112230

Ion	Ratio	Lower	Upper
96	100		
61	141.1	112.6	169.0
98	63.1	50.6	75.8

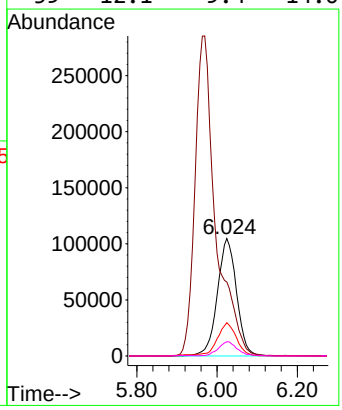


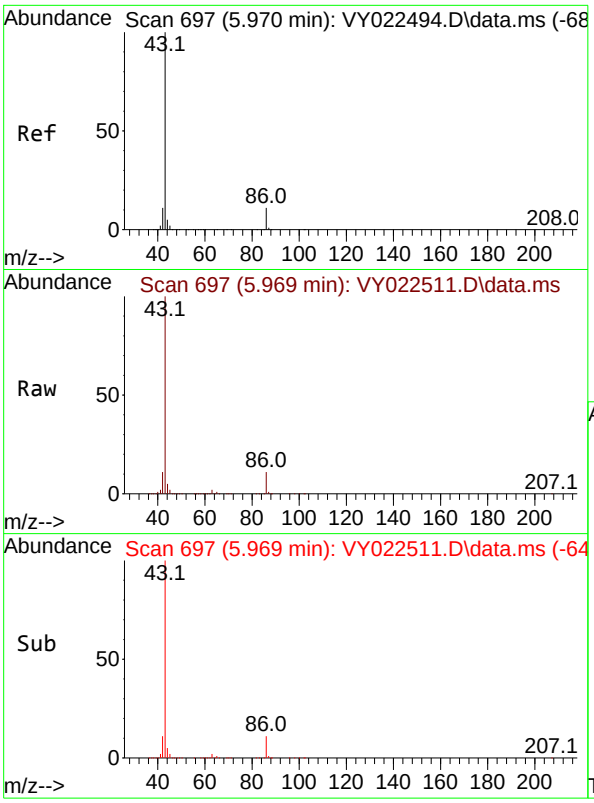


#22
Diisopropyl ether
Concen: 50.496 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 45 Resp: 347494

Ion	Ratio	Lower	Upper
45	100		
43	62.6	48.3	72.5
87	28.3	23.0	34.6
59	12.1	9.4	14.0



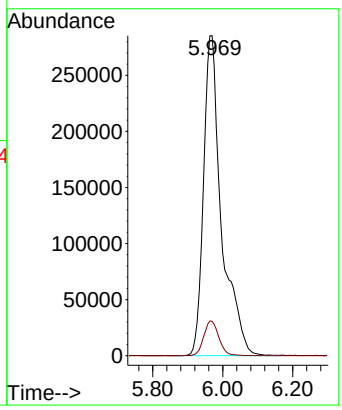


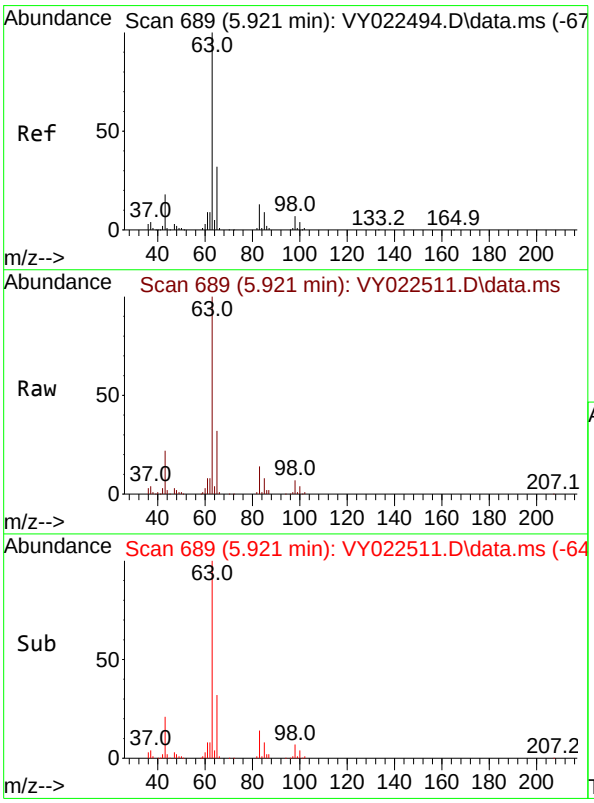
#23
Vinyl Acetate
Concen: 250.435 ug/l
RT: 5.969 min Scan# 6
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1020040

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.6	12.8

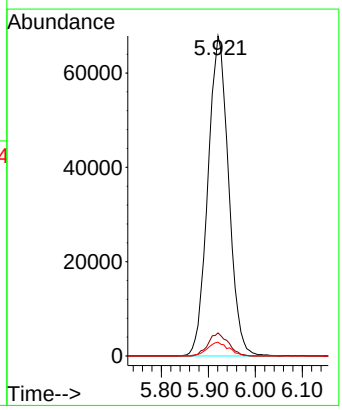


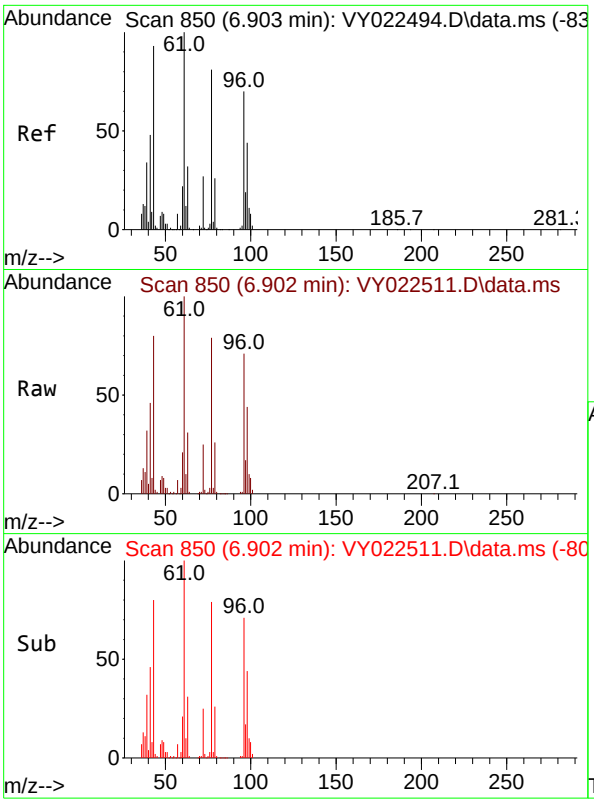


#24
1,1-Dichloroethane
Concen: 51.165 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 207429

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.3	2.1	6.3



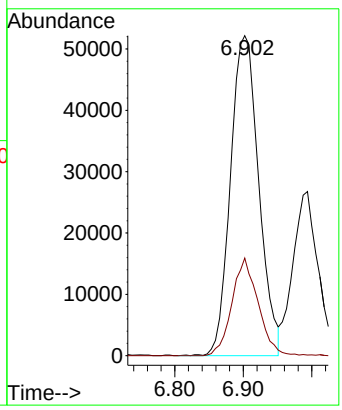


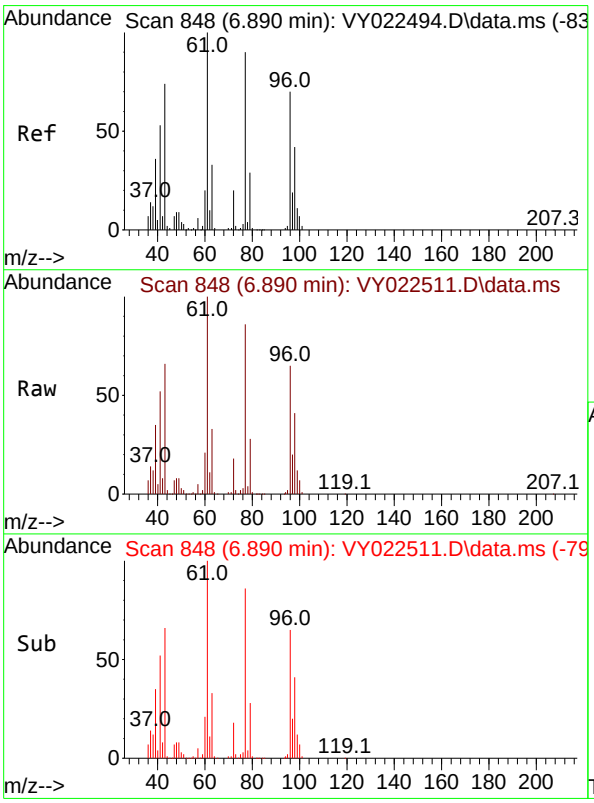
#25
2-Butanone
Concen: 243.928 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 150087

Ion	Ratio	Lower	Upper
43	100		
72	30.5	22.9	34.3

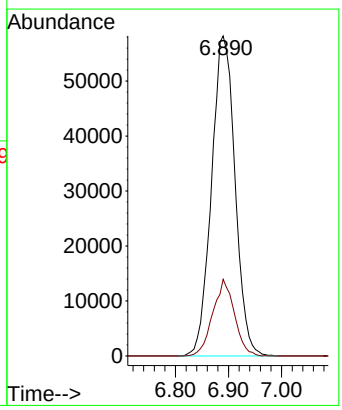


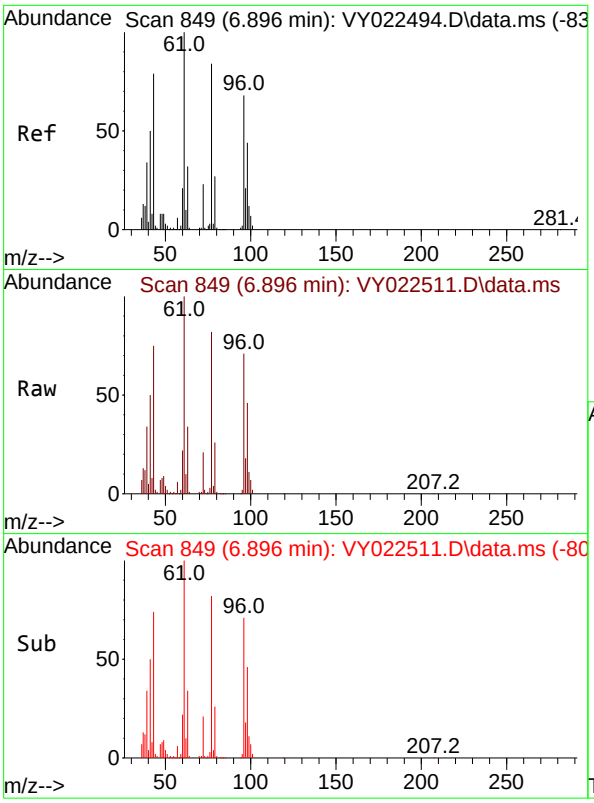


#26
2,2-Dichloropropane
Concen: 50.109 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 77 Resp: 179492

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.4	34.2



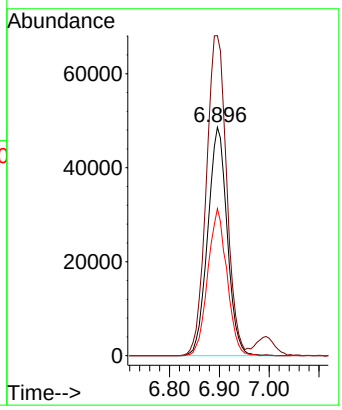


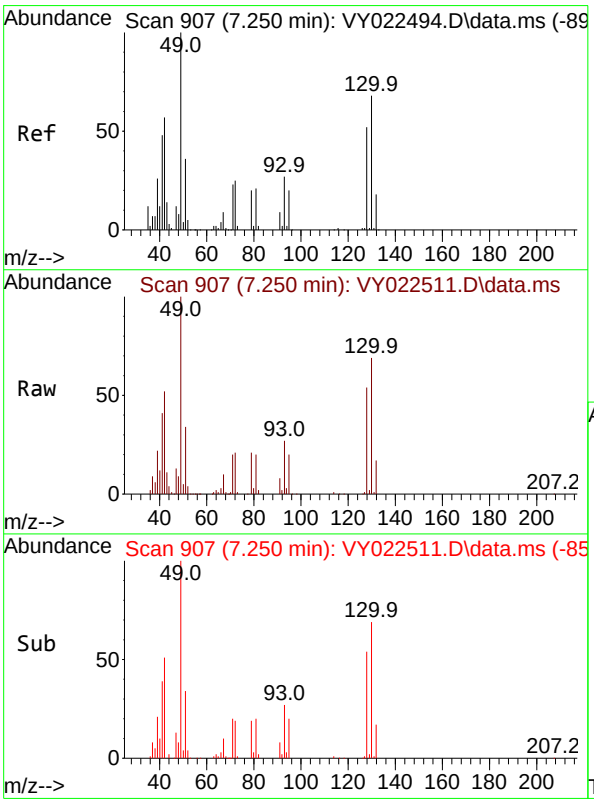
#27
cis-1,2-Dichloroethene
Concen: 51.693 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 131693

Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.0
98	63.4	0.0	128.4

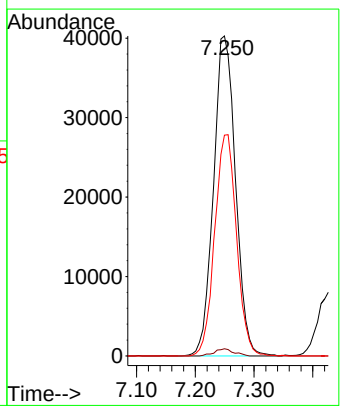


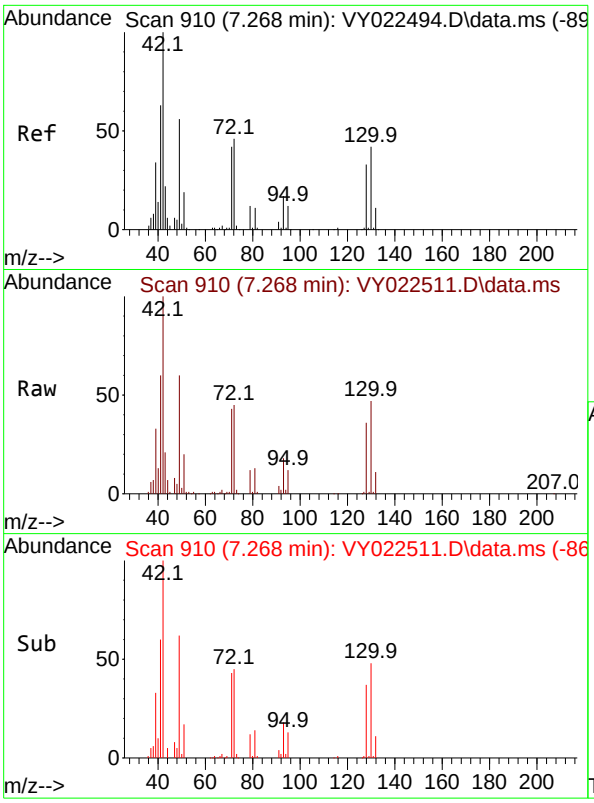


#28
Bromochloromethane
Concen: 59.357 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 49 Resp: 104897

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	68.6	55.7	83.5



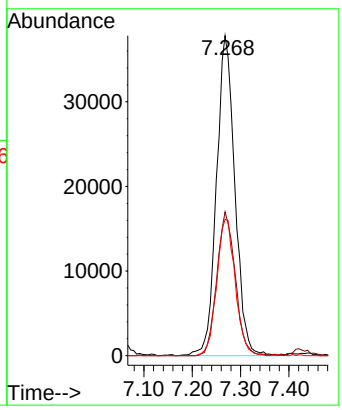


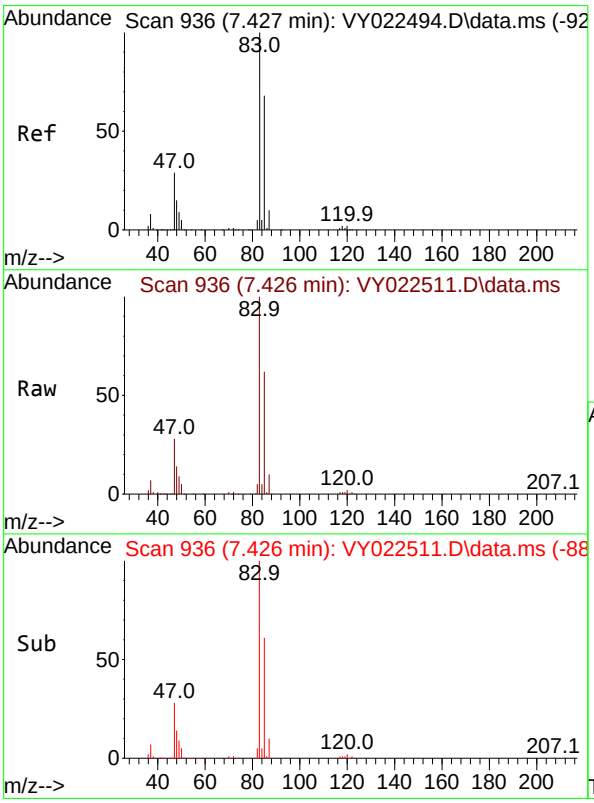
#29
Tetrahydrofuran
Concen: 252.240 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 100100

Ion	Ratio	Lower	Upper
42	100		
72	45.0	37.4	56.2
71	42.9	34.2	51.2

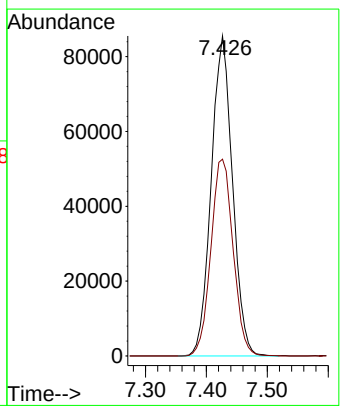


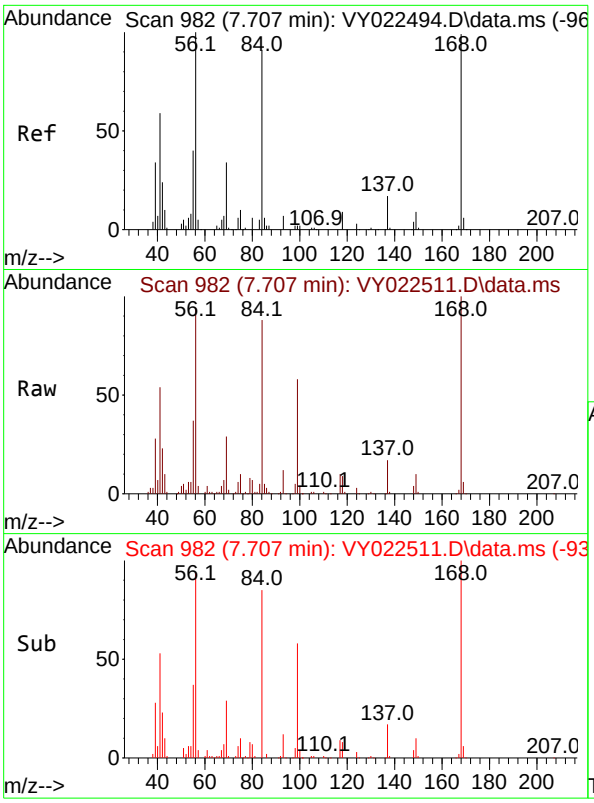


#30
Chloroform
Concen: 51.658 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 83 Resp: 207435

Ion	Ratio	Lower	Upper
83	100		
85	61.5	54.2	81.4



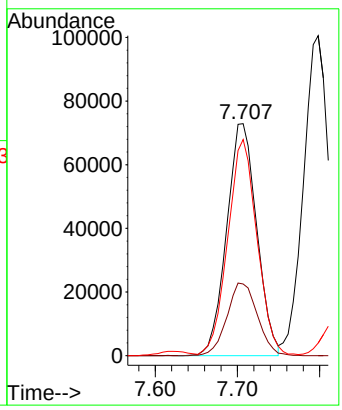


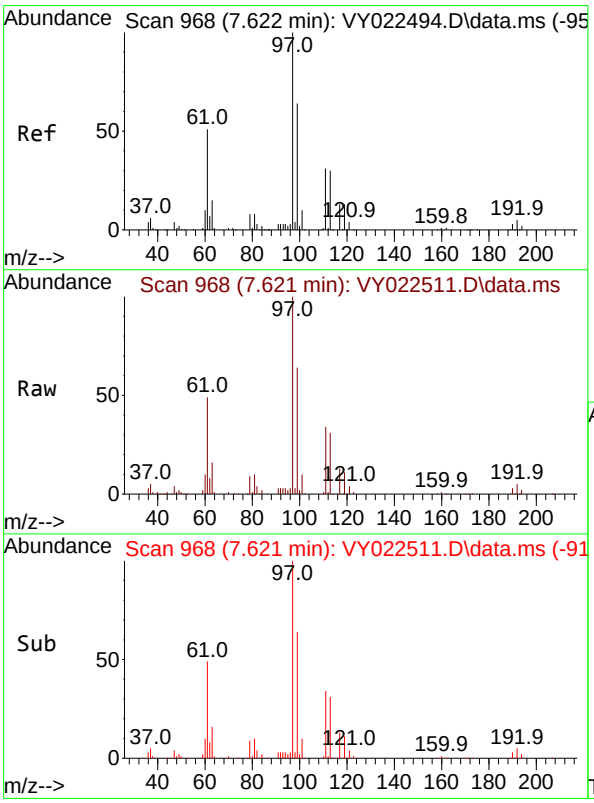
#31
Cyclohexane
Concen: 45.846 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 185038

Ion	Ratio	Lower	Upper
56	100		
69	30.9	27.0	40.6
84	91.4	72.6	109.0

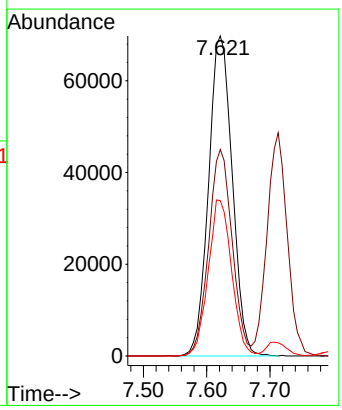


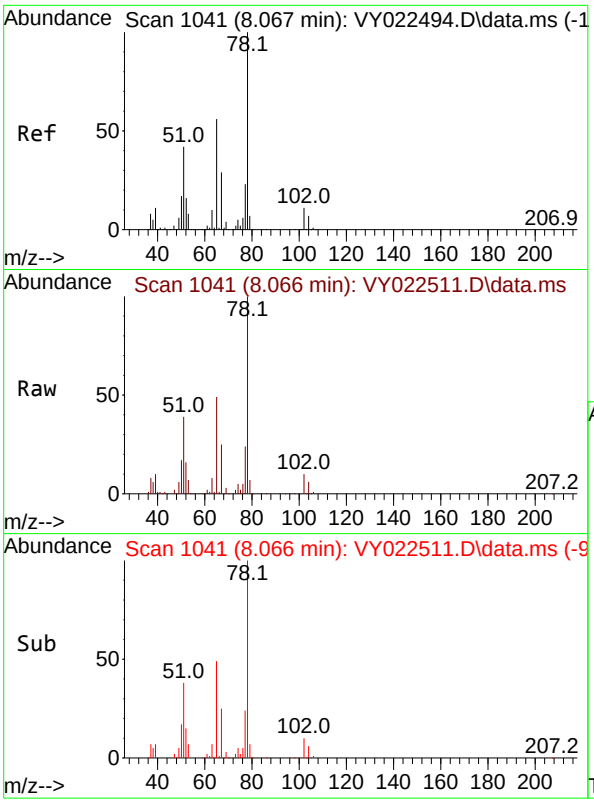


#32
1,1,1-Trichloroethane
Concen: 51.007 ug/l
RT: 7.621 min Scan# 968
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 97 Resp: 181822

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	48.1	38.5	57.7



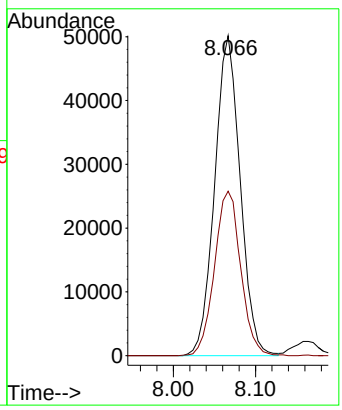


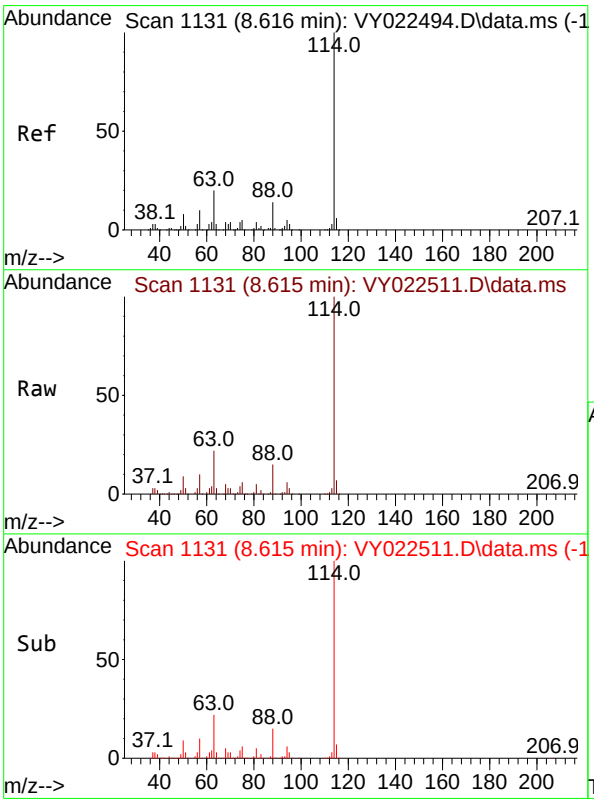
#33
1,2-Dichloroethane-d4
Concen: 51.532 ug/l
RT: 8.066 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 108238

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.4

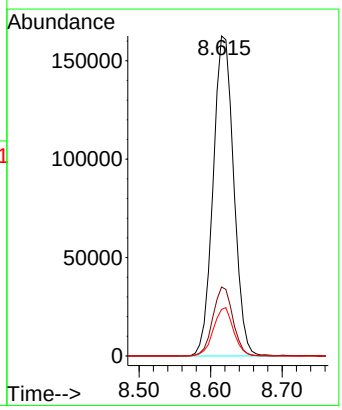


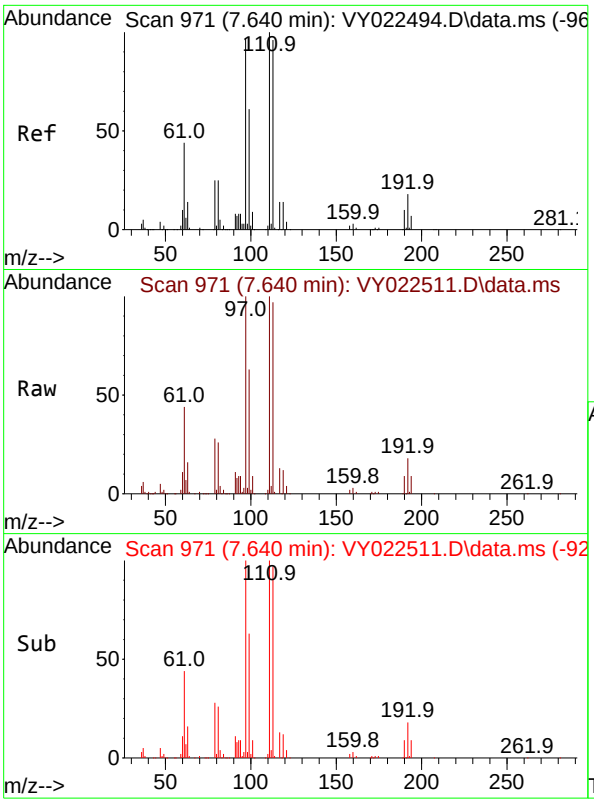


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:114 Resp: 325302

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.8
88	14.5	0.0	27.8



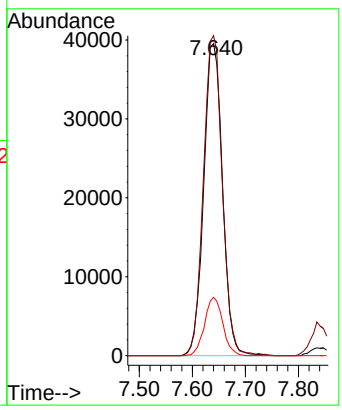


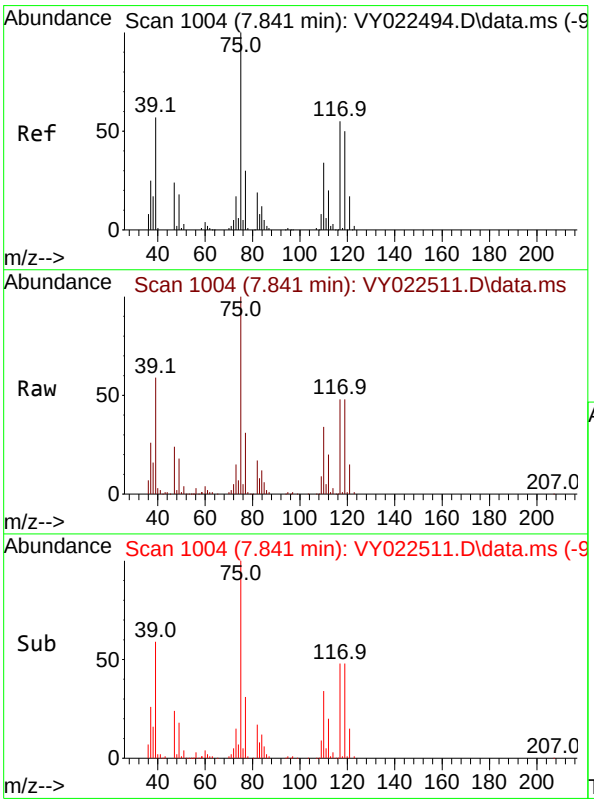
#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 97475

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	18.2	14.2	21.2

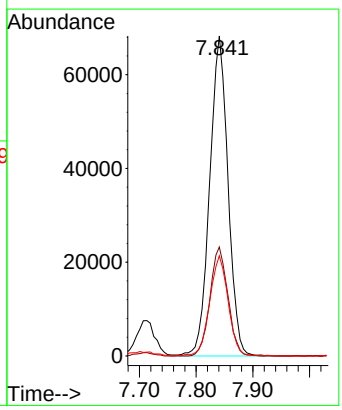


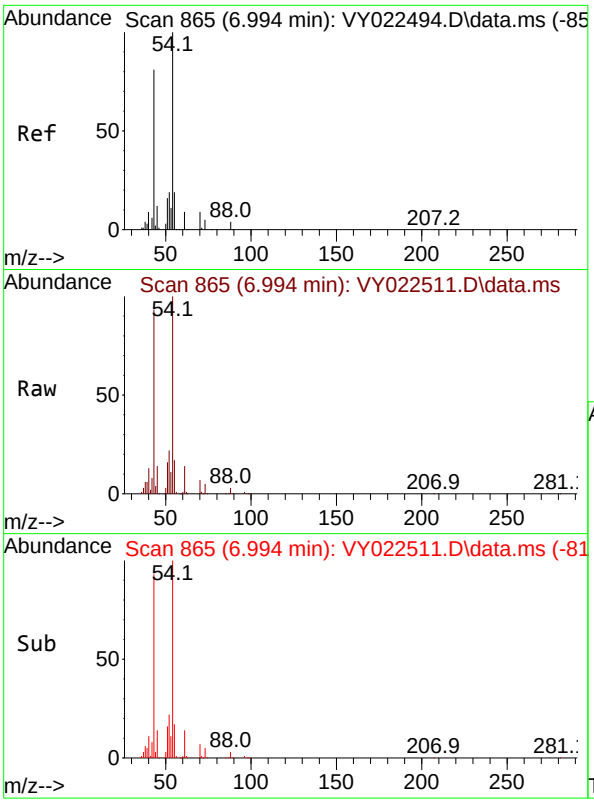


#36
1,1-Dichloropropene
Concen: 48.633 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 153258

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.7
77	31.4	24.8	37.2



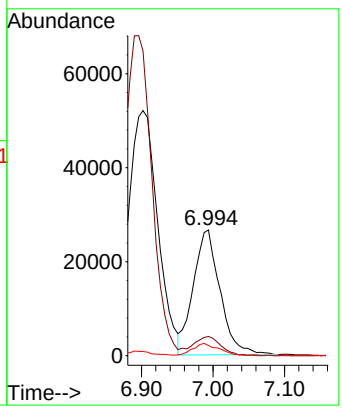


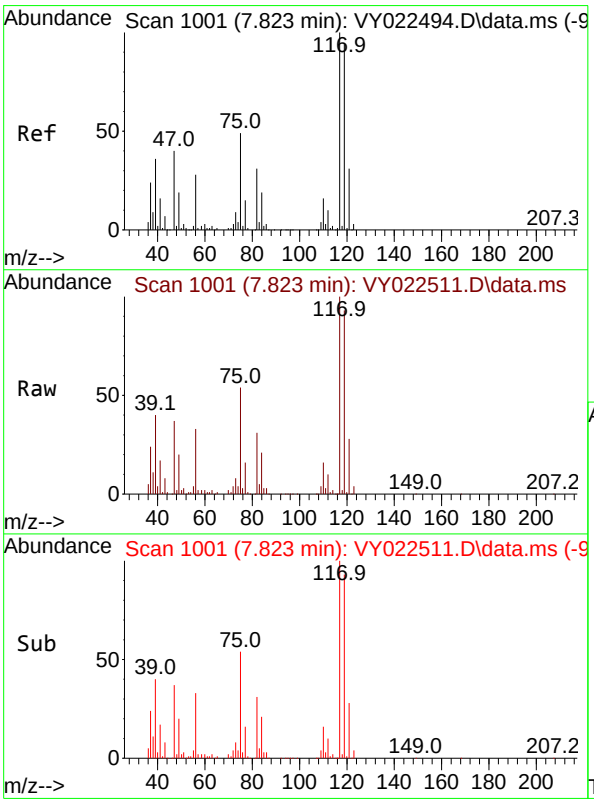
#37
Ethyl Acetate
Concen: 49.352 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 69356

Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	9.7	7.2	10.8

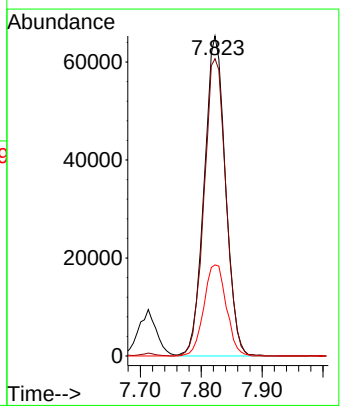


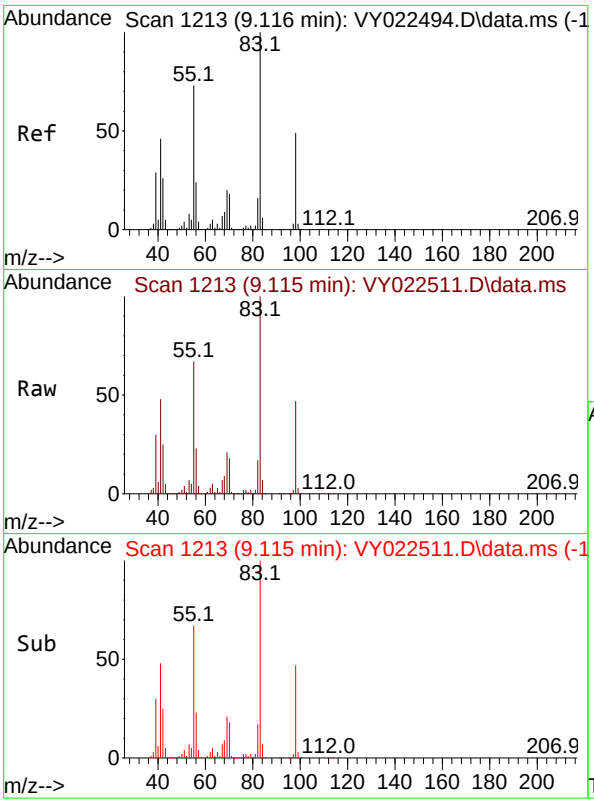


#38
Carbon Tetrachloride
Concen: 48.960 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:117 Resp: 158278

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.0	112.6
121	28.4	25.0	37.4



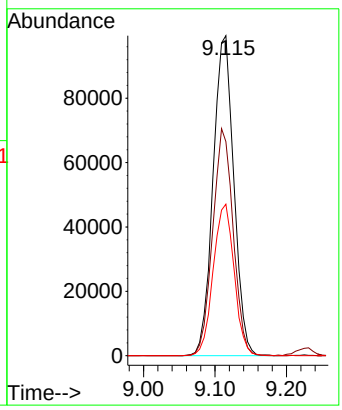


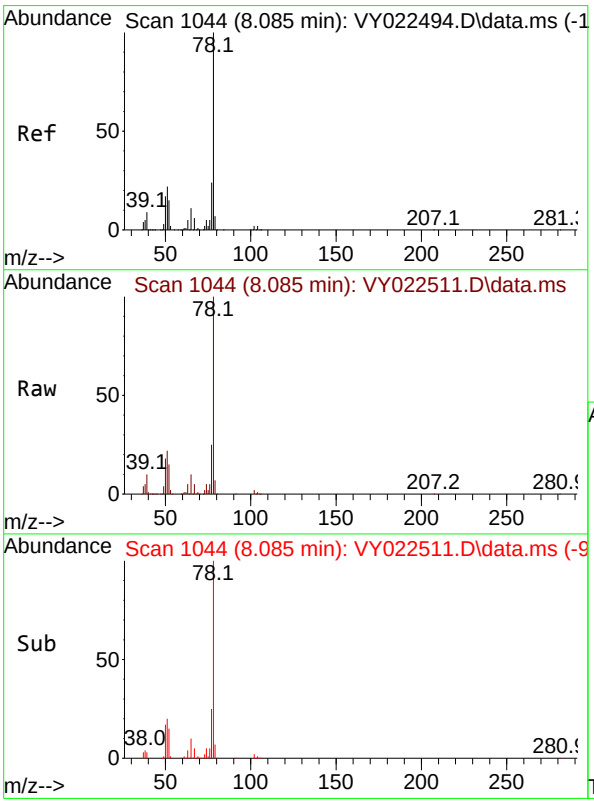
#39
Methylcyclohexane
Concen: 47.312 ug/l
RT: 9.115 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 200361

Ion	Ratio	Lower	Upper
83	100		
55	66.9	58.1	87.1
98	47.3	39.0	58.6

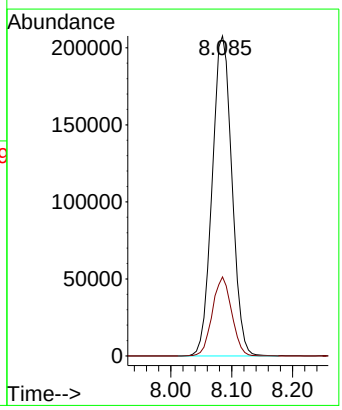


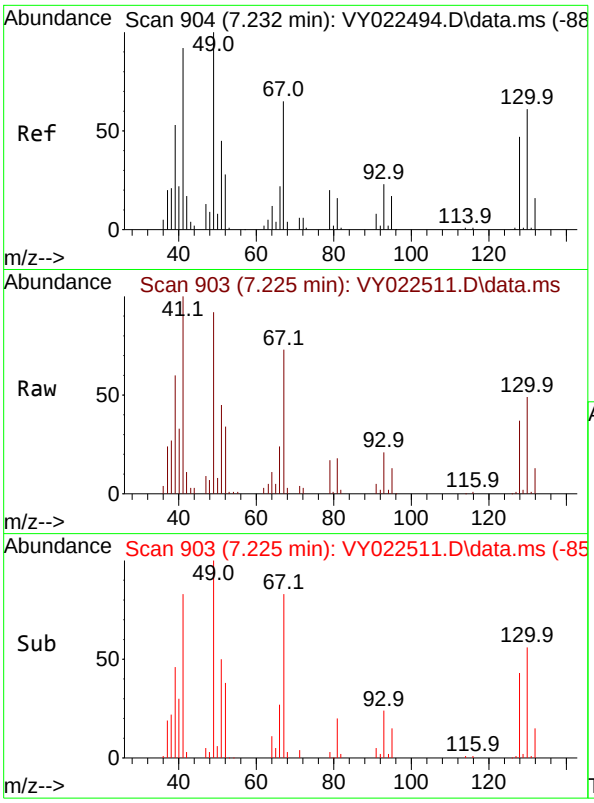


#40
Benzene
Concen: 50.204 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 78 Resp: 467282

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9



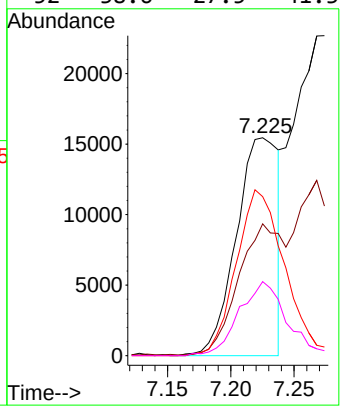


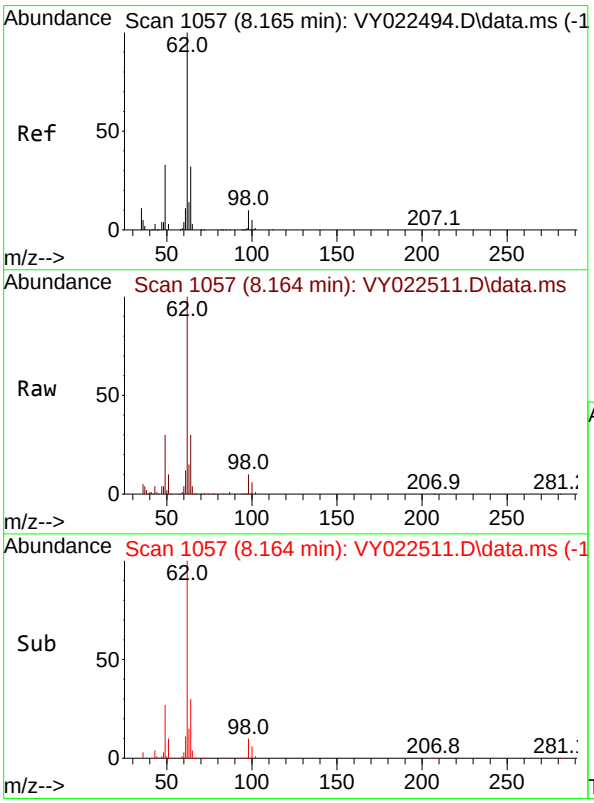
#41
Methacrylonitrile
Concen: 43.686 ug/l
RT: 7.225 min Scan# 9
Delta R.T. -0.007 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 35860

Ion	Ratio	Lower	Upper
41	100		
39	64.7	46.6	69.8
67	87.6	63.3	94.9
52	38.6	27.5	41.3

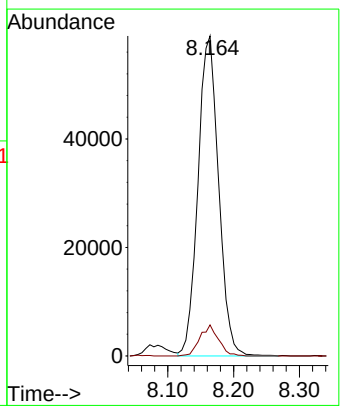


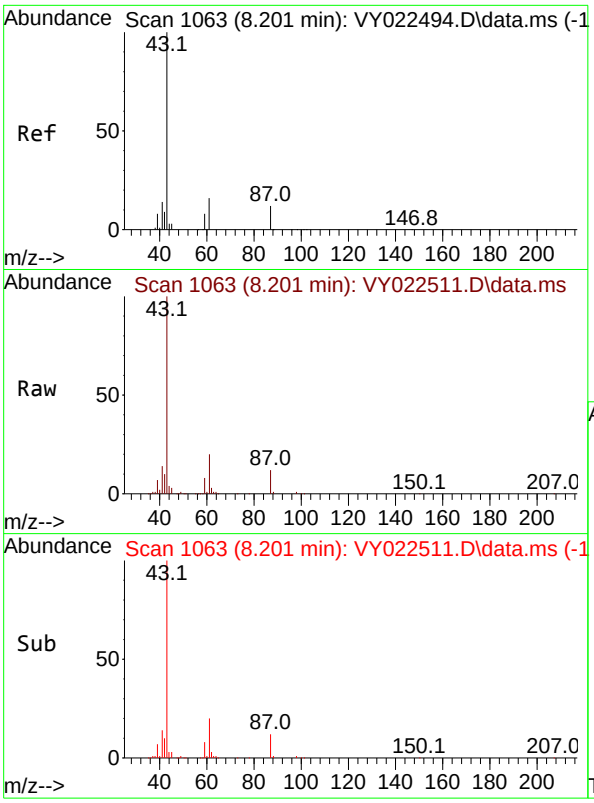


#42
1,2-Dichloroethane
Concen: 50.581 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 62 Resp: 128548

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2



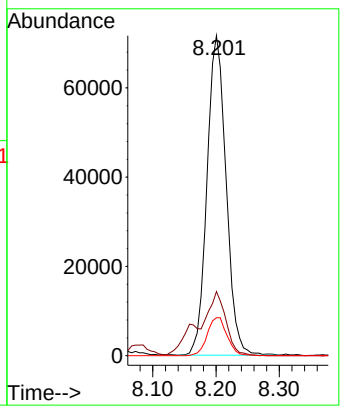


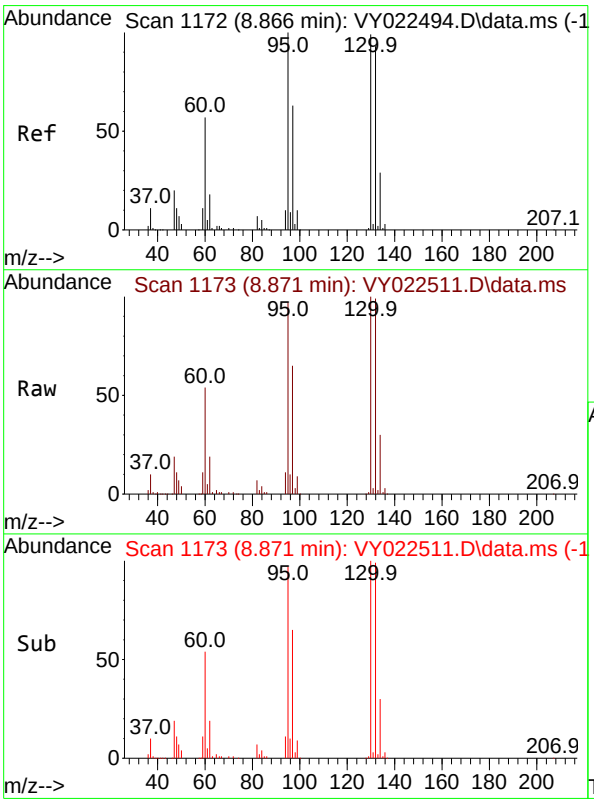
#43
Isopropyl Acetate
Concen: 49.510 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 150269

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.6	23.4
87	12.4	10.2	15.4

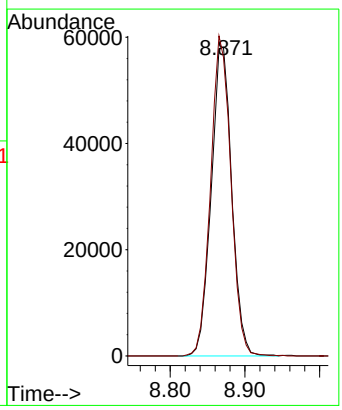


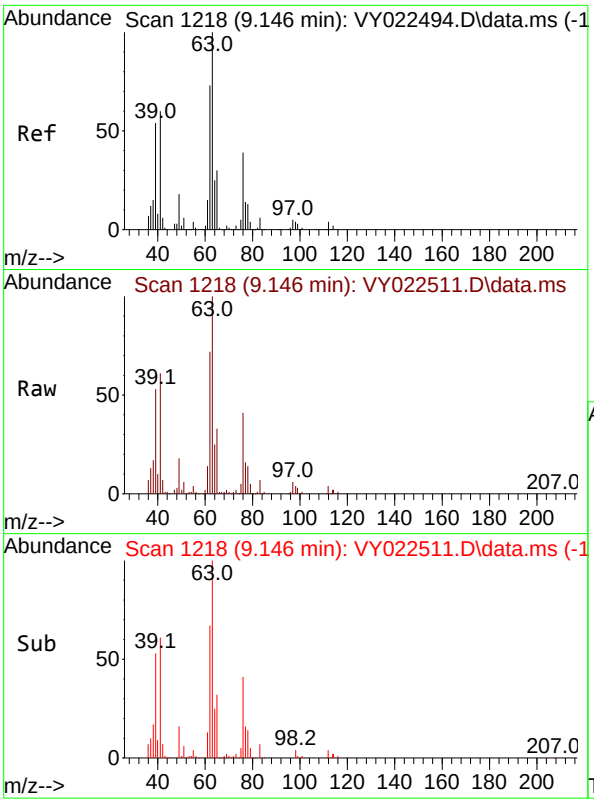


#44
Trichloroethene
Concen: 49.009 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:130 Resp: 111488

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	203.0



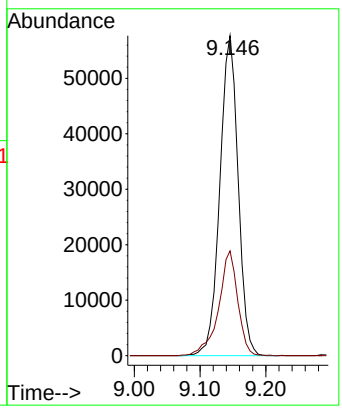


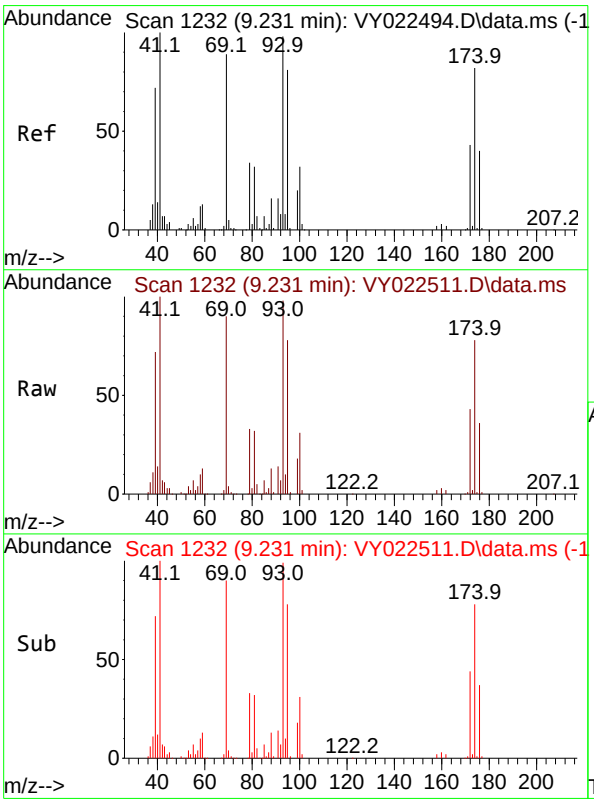
#45
1,2-Dichloropropane
Concen: 50.749 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 111633

Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.0	36.0

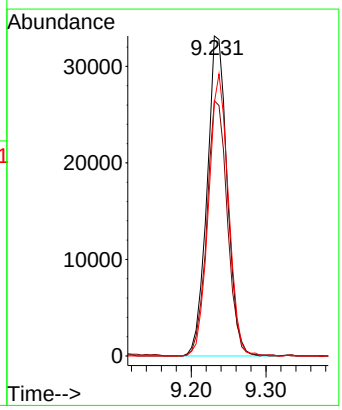


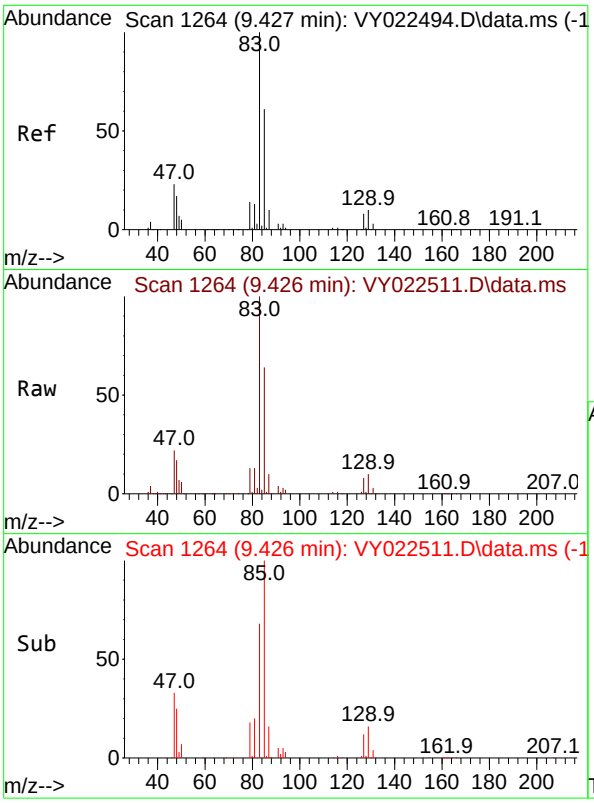


#46
Dibromomethane
Concen: 50.378 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 93 Resp: 62344

Ion	Ratio	Lower	Upper
93	100		
95	81.0	65.6	98.4
174	86.7	70.4	105.6



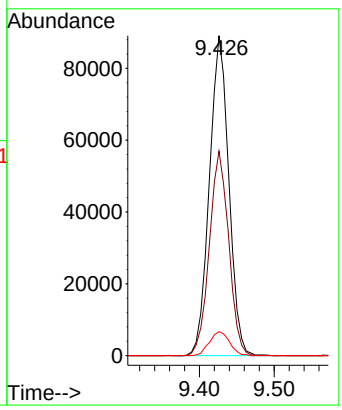


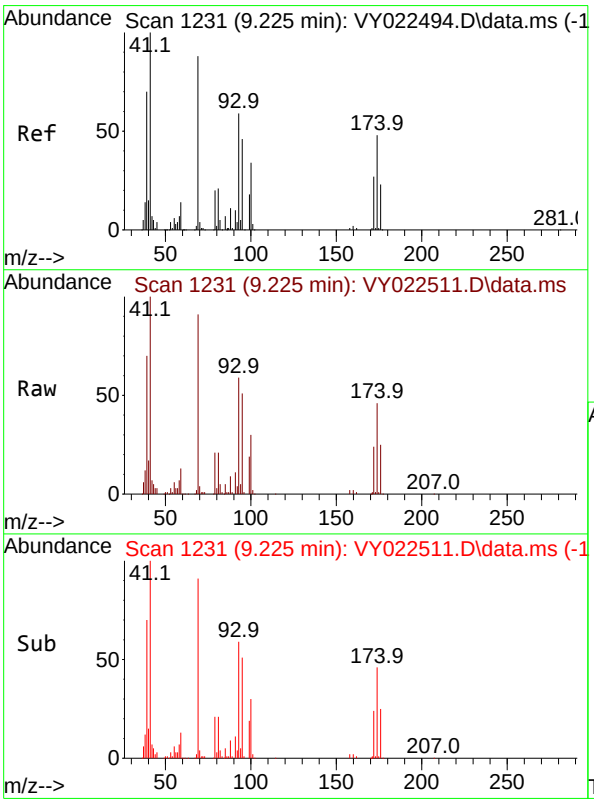
#47
Bromodichloromethane
Concen: 51.199 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 160659

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.1	73.7
127	7.5	6.2	9.4

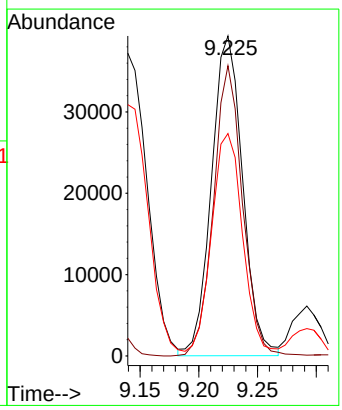


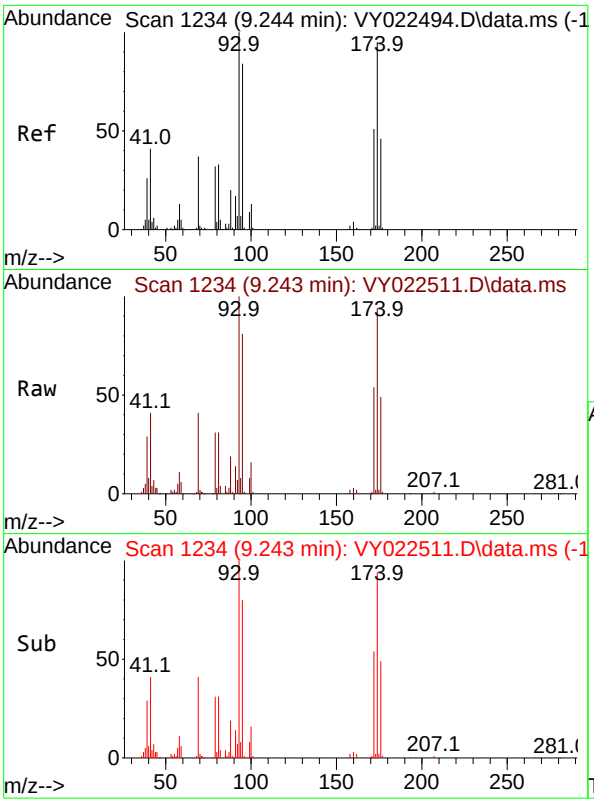


#48
Methyl methacrylate
Concen: 50.927 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 41 Resp: 72544

Ion	Ratio	Lower	Upper
41	100		
69	84.7	67.8	101.8
39	67.1	55.0	82.4



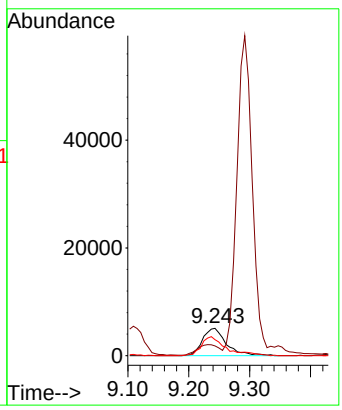


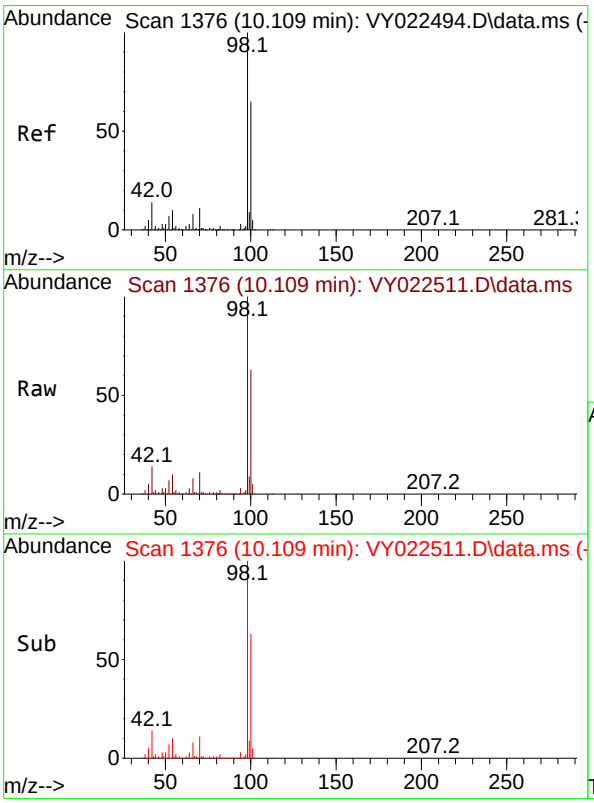
#49
1,4-Dioxane
Concen: 943.857 ug/l
RT: 9.243 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 13838

Ion	Ratio	Lower	Upper
88	100		
43	35.1	25.4	38.2
58	71.1	54.9	82.3

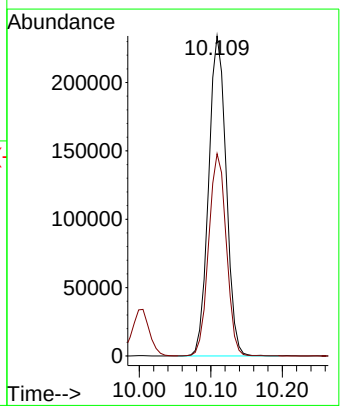


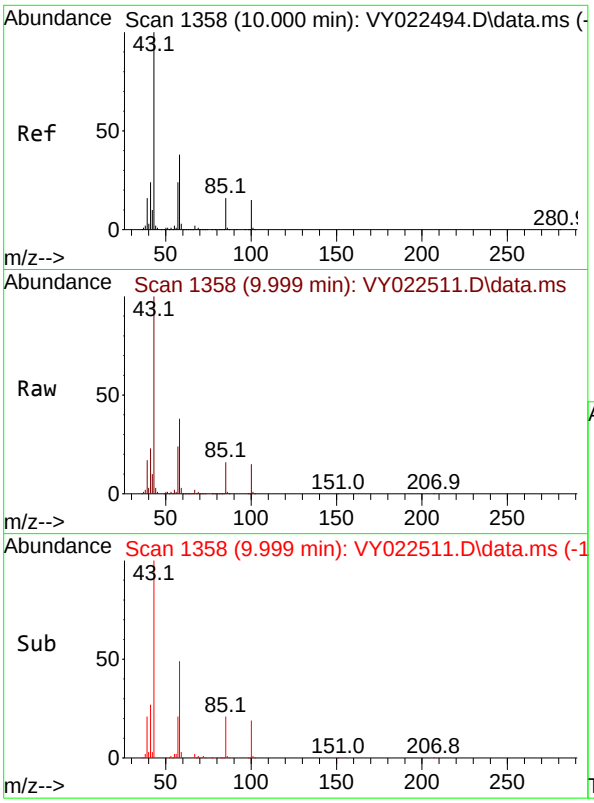


#50
Toluene-d8
Concen: 50.750 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 98 Resp: 398159

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.0



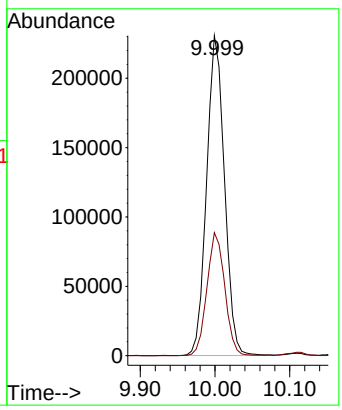


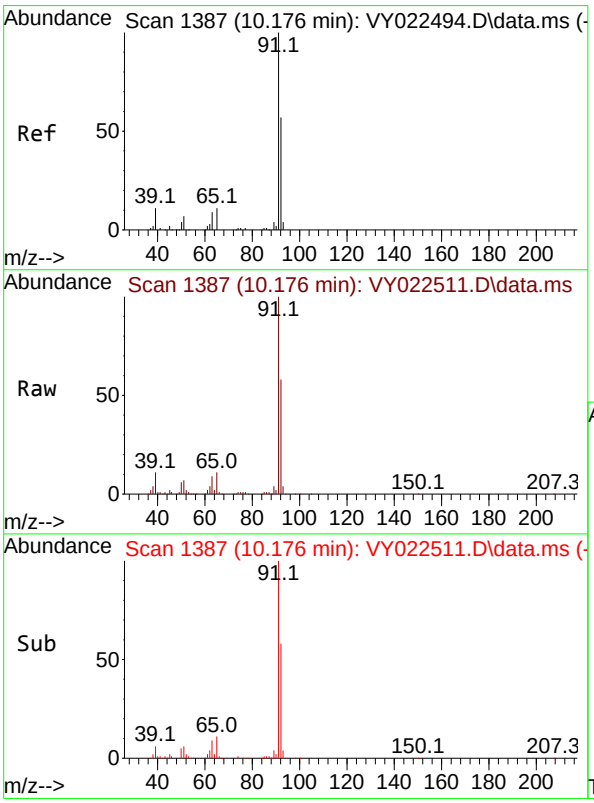
#51
4-Methyl-2-Pentanone
Concen: 253.585 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 383731

Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.4	45.6

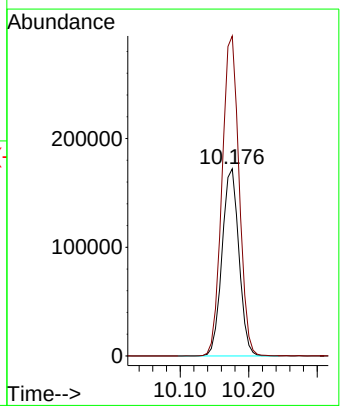


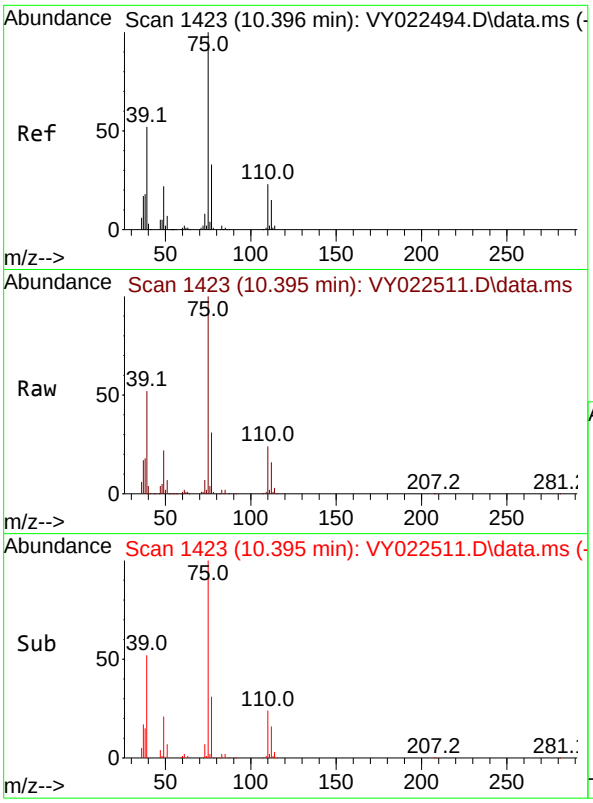


#52
Toluene
Concen: 50.084 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 92 Resp: 292952

Ion	Ratio	Lower	Upper
92	100		
91	173.2	139.0	208.4



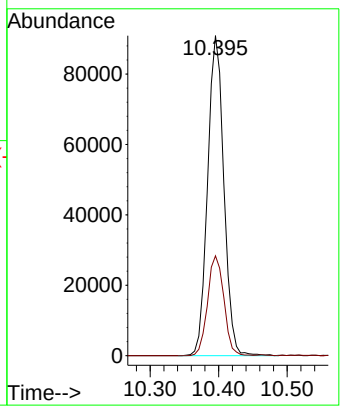


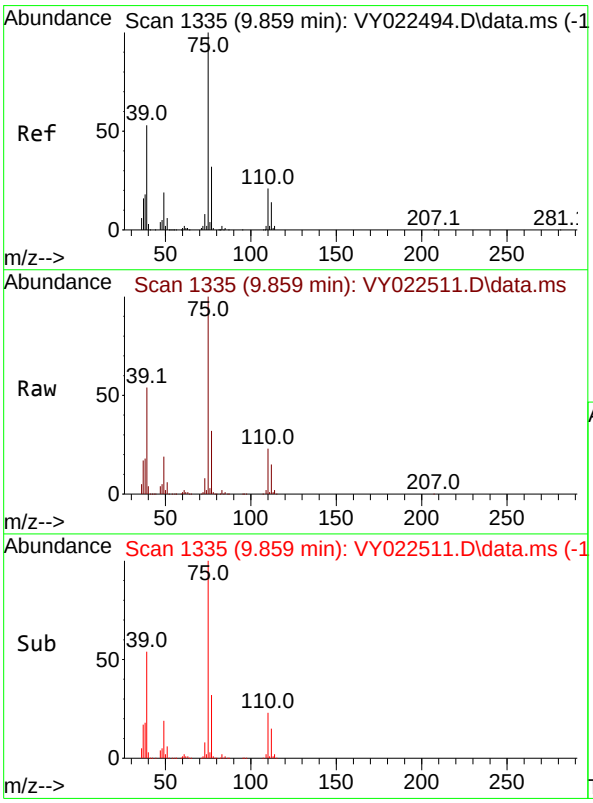
#53
t-1,3-Dichloropropene
Concen: 50.914 ug/l
RT: 10.395 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 149694

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.5	39.7

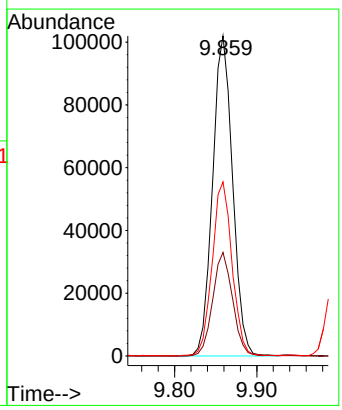


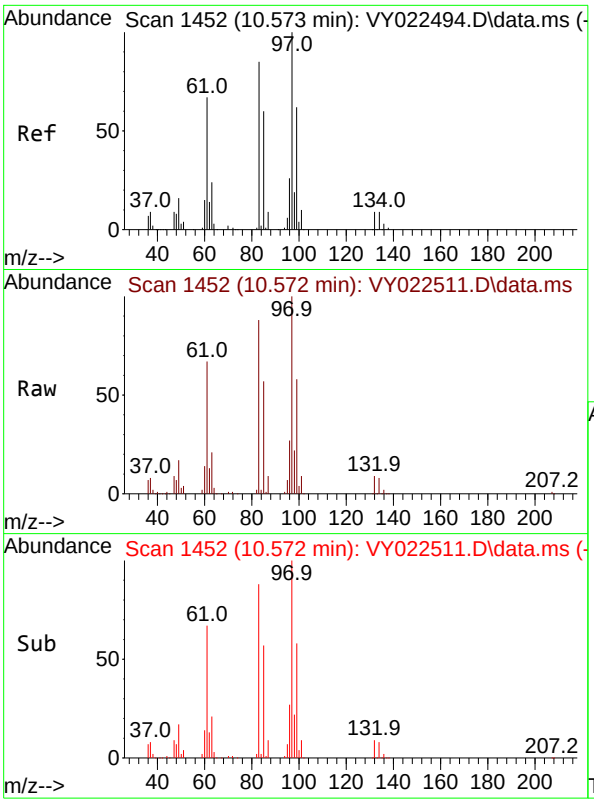


#54
cis-1,3-Dichloropropene
Concen: 50.428 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 172592

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9
39	54.4	42.7	64.1



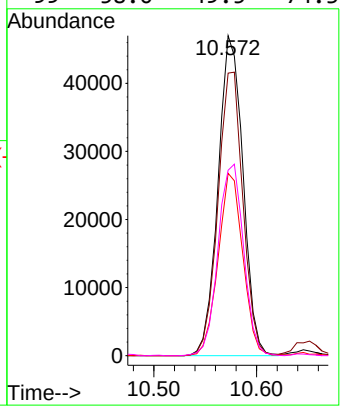


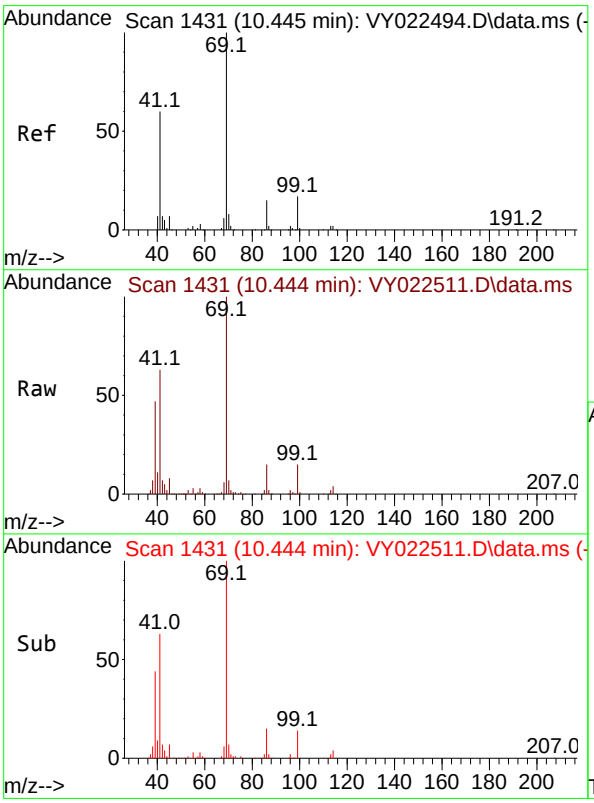
#55
1,1,2-Trichloroethane
Concen: 50.121 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 79092

Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.1	102.1
85	57.0	48.2	72.2
99	58.0	49.5	74.3

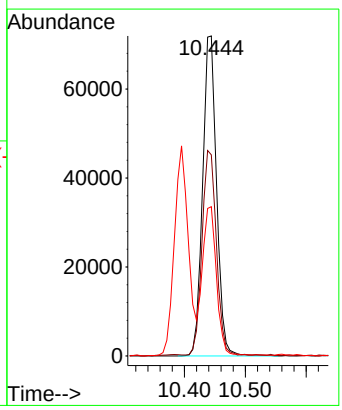


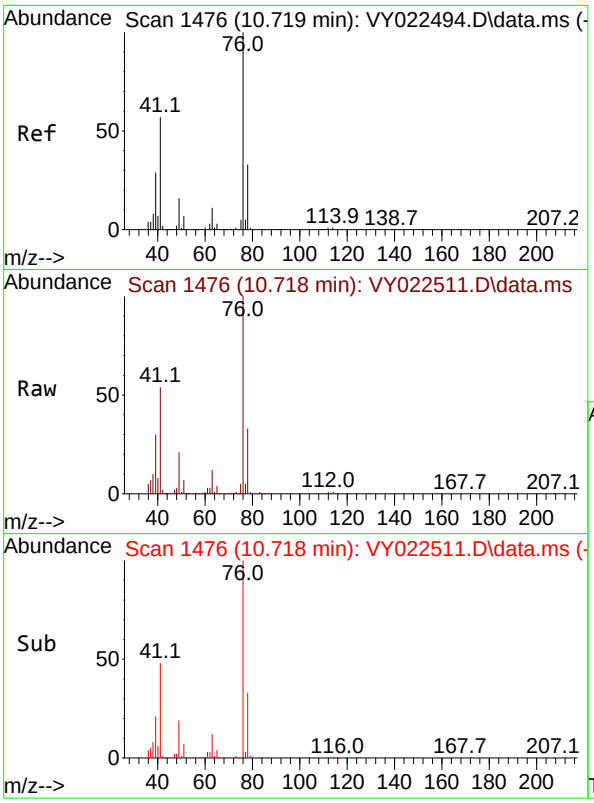


#56
Ethyl methacrylate
Concen: 50.203 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 69 Resp: 114501

Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.2	78.2
39	46.7	36.7	55.1



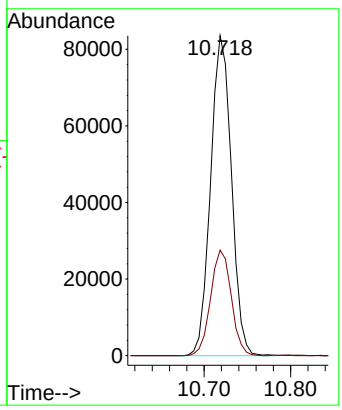


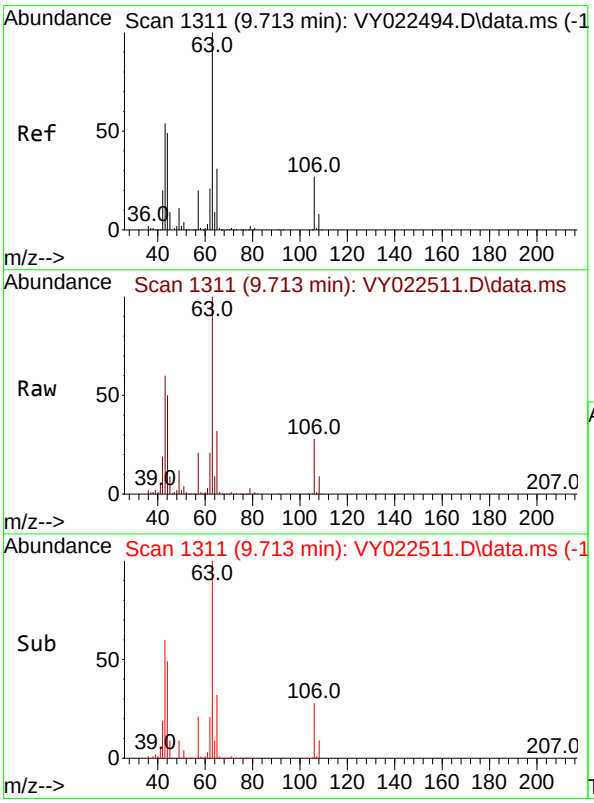
#57
1,3-Dichloropropane
Concen: 49.900 ug/l
RT: 10.718 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 139564

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

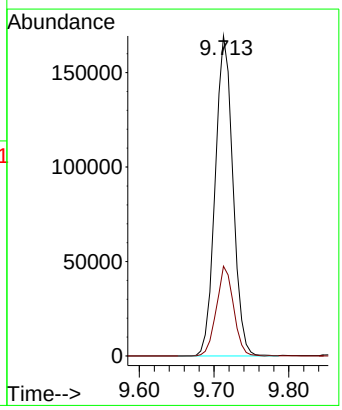


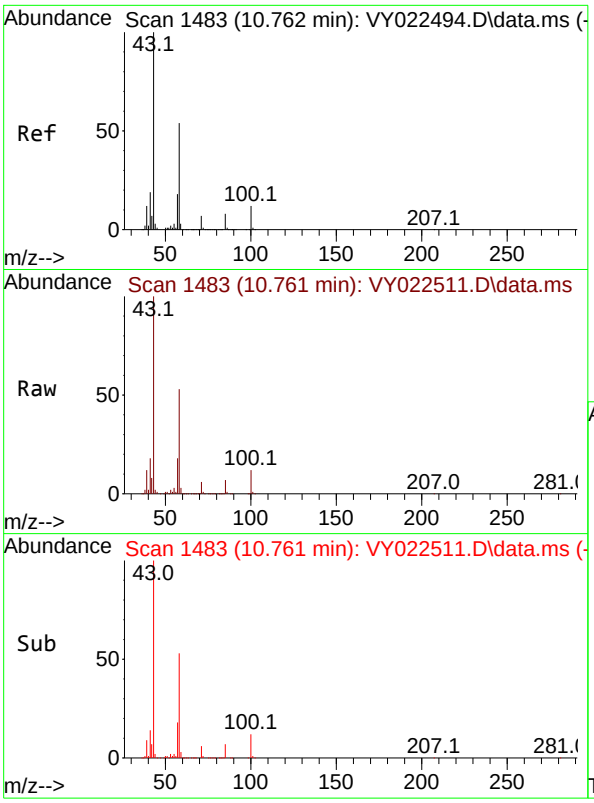


#58
2-Chloroethyl Vinyl ether
Concen: 269.440 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 63 Resp: 279007

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.6	32.4



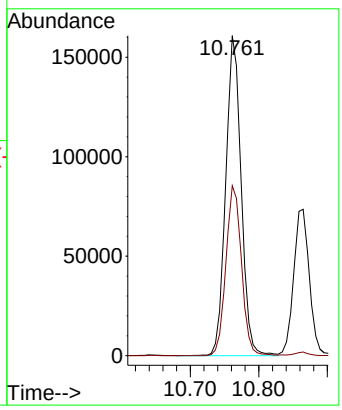


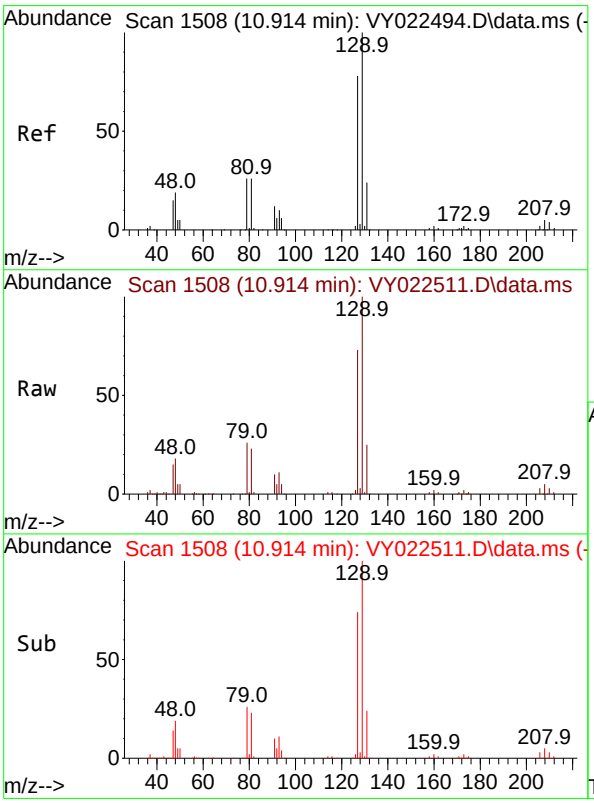
#59
2-Hexanone
Concen: 248.499 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 251489

Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.3	81.8

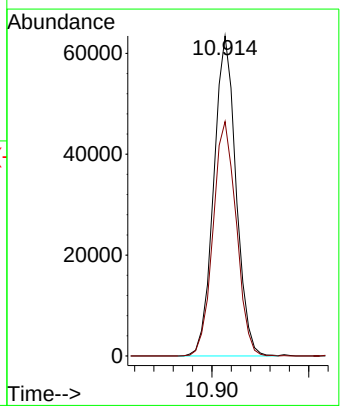


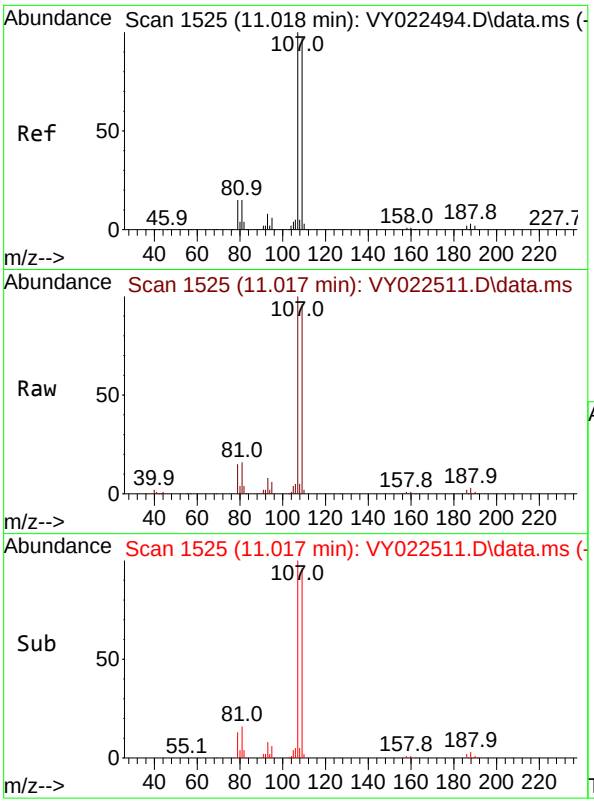


#60
Dibromochloromethane
Concen: 50.578 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:129 Resp: 101429

Ion	Ratio	Lower	Upper
129	100		
127	76.3	39.1	117.2



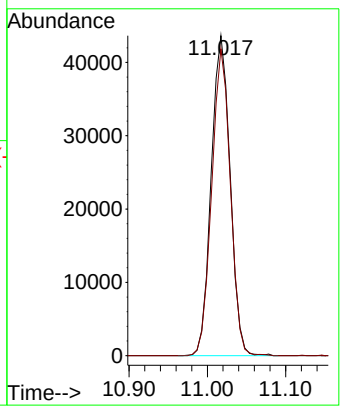


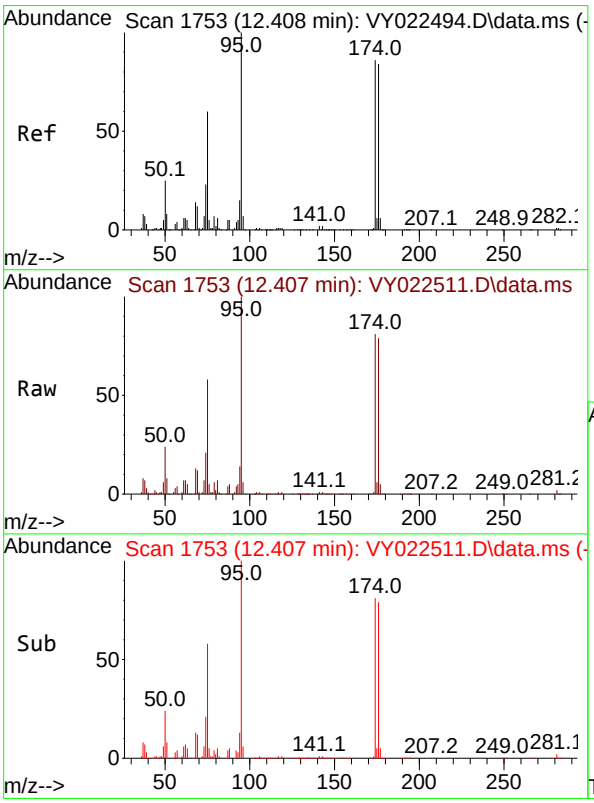
#61
1,2-Dibromoethane
Concen: 50.829 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 73106

Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.7	116.5

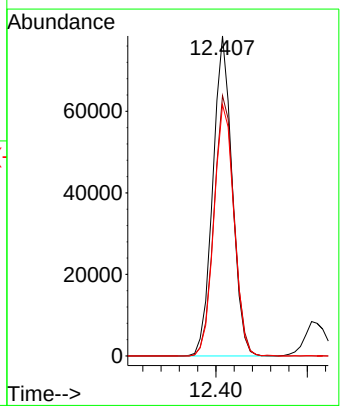


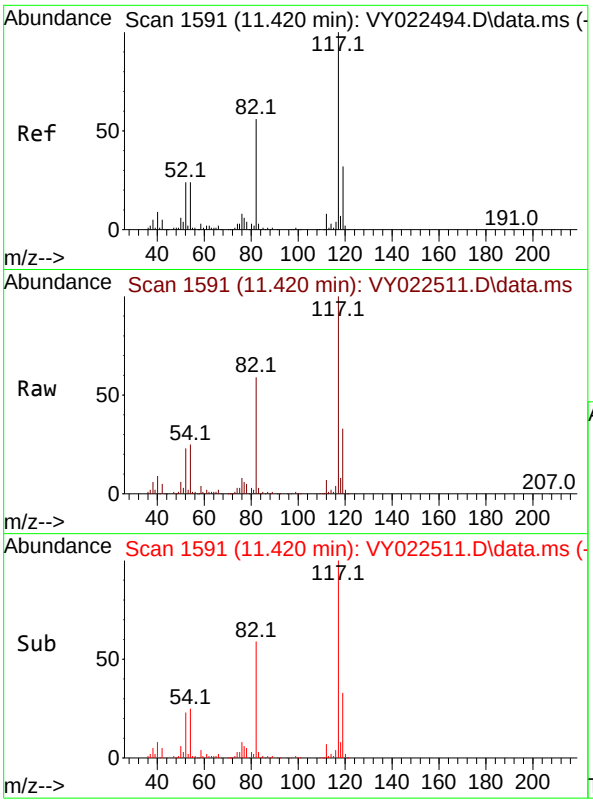


#62
4-Bromofluorobenzene
Concen: 49.265 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 95 Resp: 115160

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.0
176	81.5	0.0	166.2



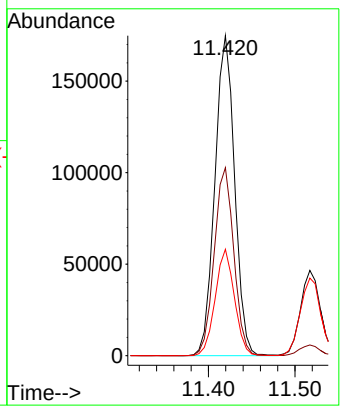


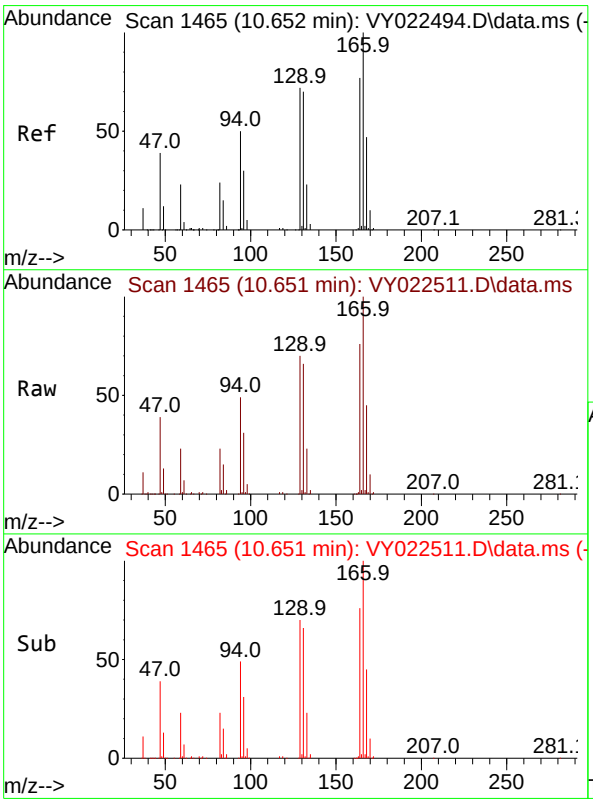
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 276655

Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.6	66.8
119	33.2	25.4	38.0

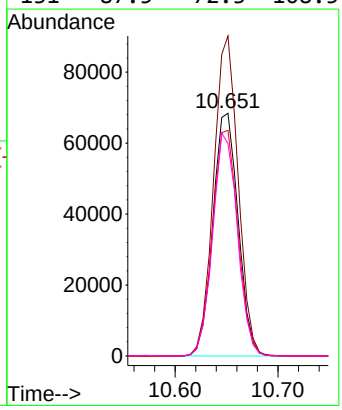


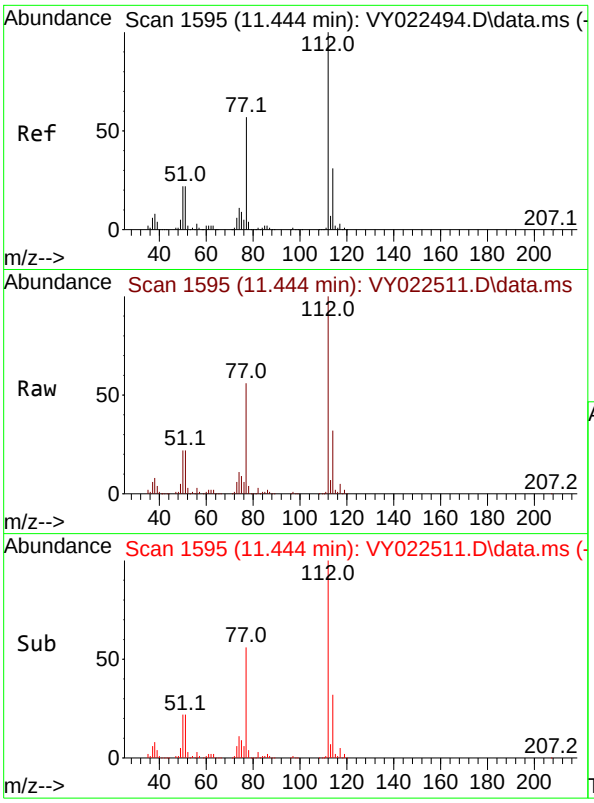


#64
Tetrachloroethene
Concen: 49.032 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:164 Resp: 116688

Ion	Ratio	Lower	Upper
164	100		
166	131.9	104.0	156.0
129	92.9	74.5	111.7
131	87.5	72.3	108.5



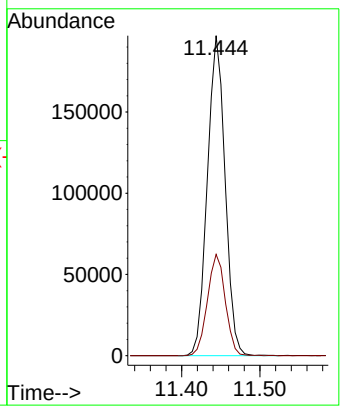


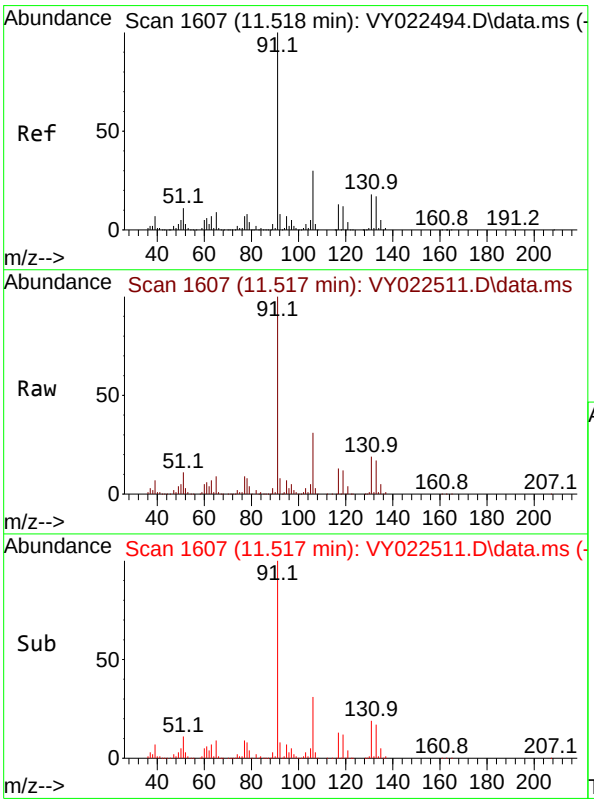
#65
Chlorobenzene
Concen: 50.500 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 309162

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.6

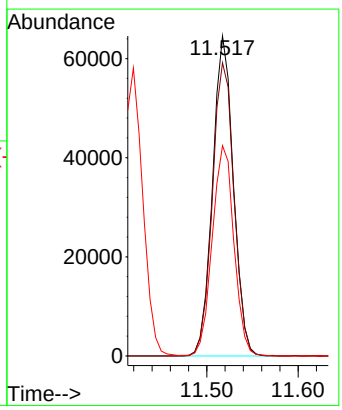


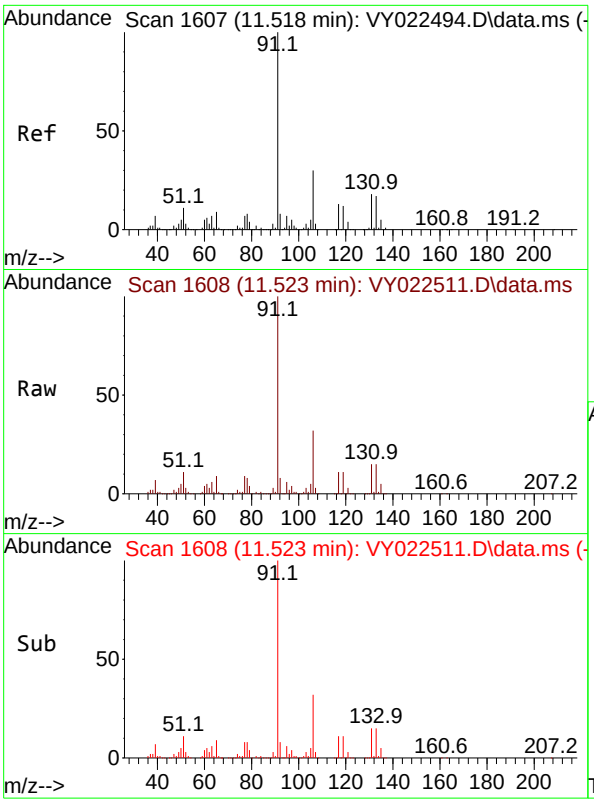


#66
1,1,1,2-Tetrachloroethane
Concen: 49.530 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:131 Resp: 102149

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.8
119	68.4	33.1	99.3



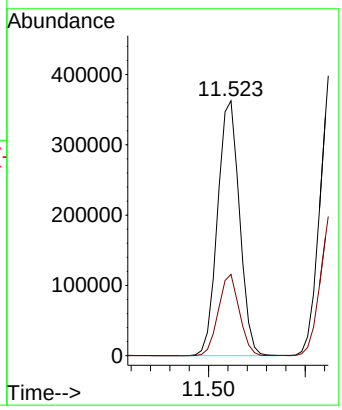


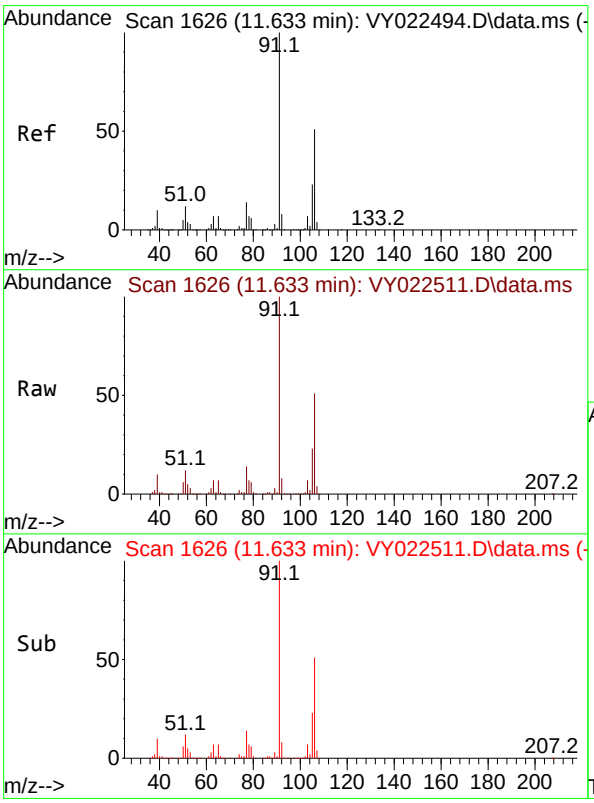
#67
Ethyl Benzene
Concen: 50.175 ug/l
RT: 11.523 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 569736

Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.2	36.4

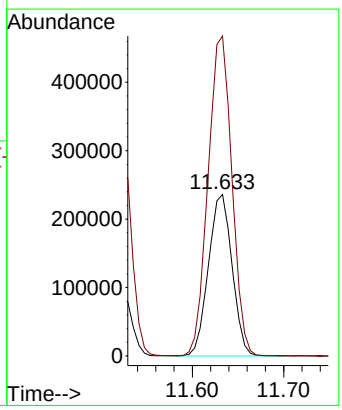


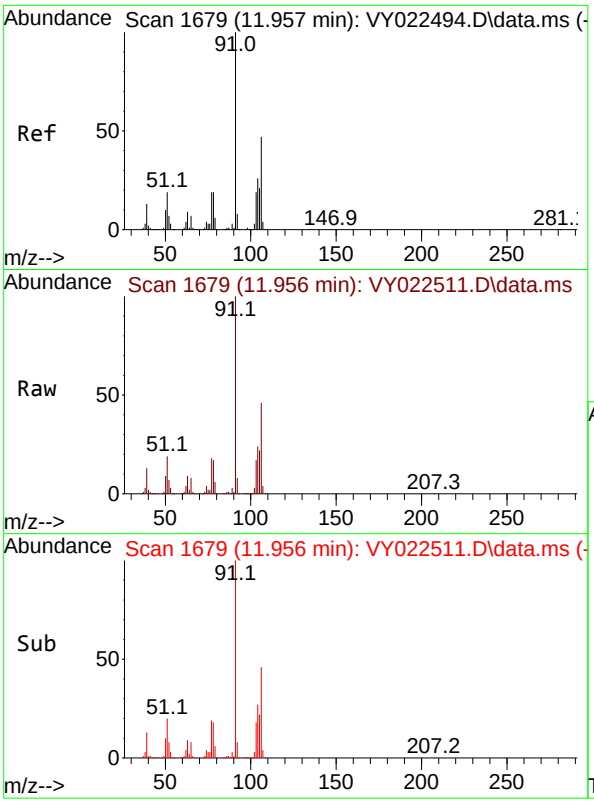


#68
m/p-Xylenes
Concen: 98.325 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:106 Resp: 423248

Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.0



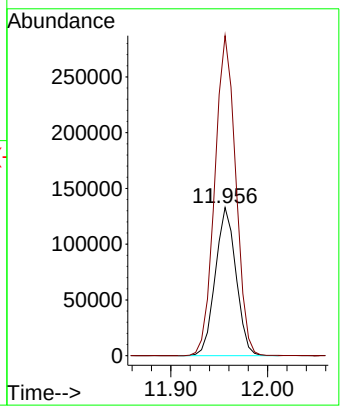


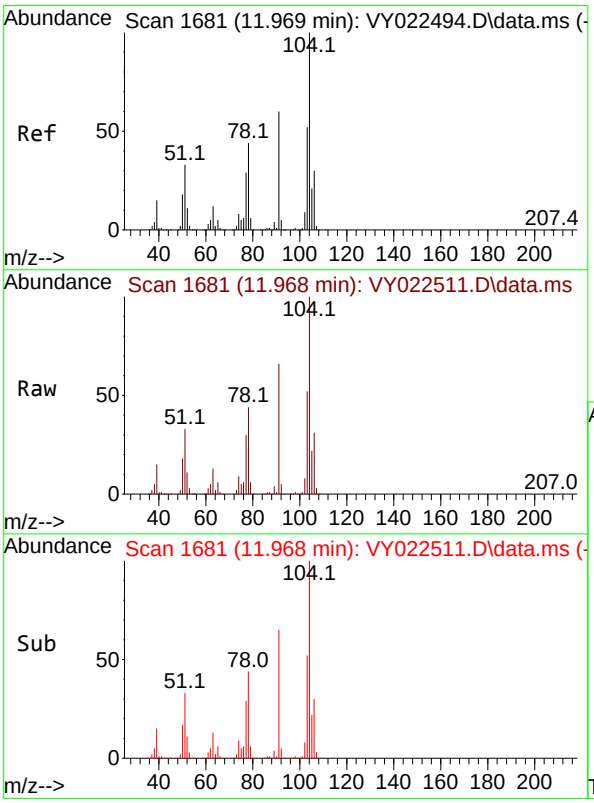
#69
o-Xylene
Concen: 48.847 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 197139

Ion	Ratio	Lower	Upper
106	100		
91	219.0	105.8	317.3

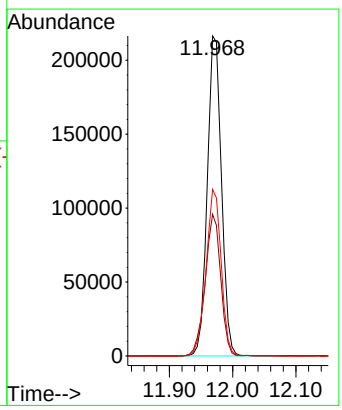


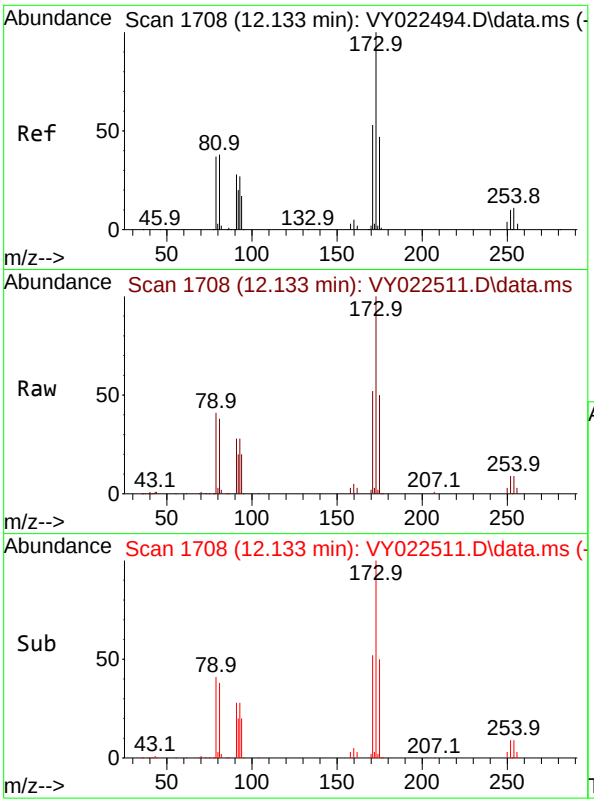


#70
Styrene
Concen: 50.608 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:104 Resp: 337617

Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.5	59.3
103	55.8	44.1	66.1



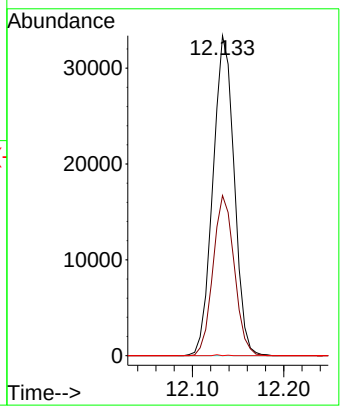


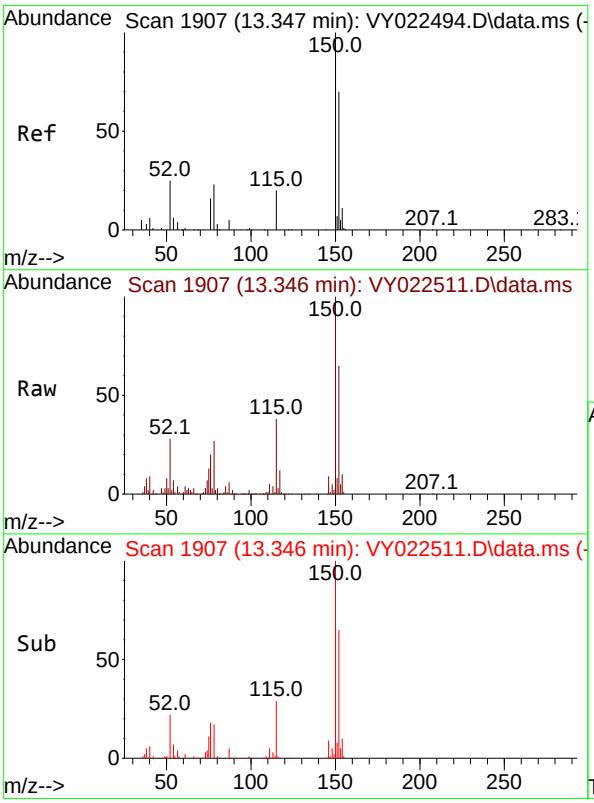
#71
Bromoform
Concen: 49.211 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 54008

Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.8	71.5
254	0.1	0.0	0.0#

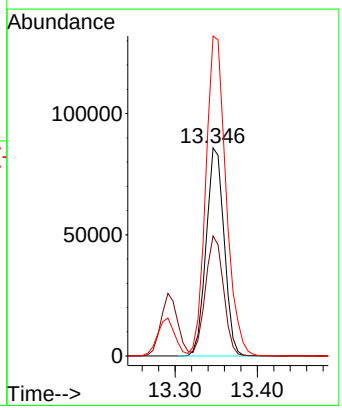


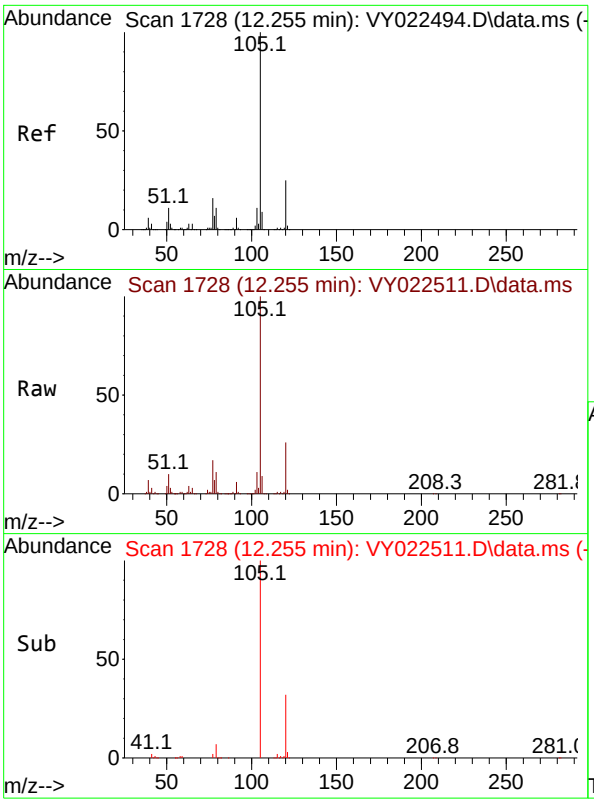


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:152 Resp: 130385

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.7
150	172.9	0.0	349.6



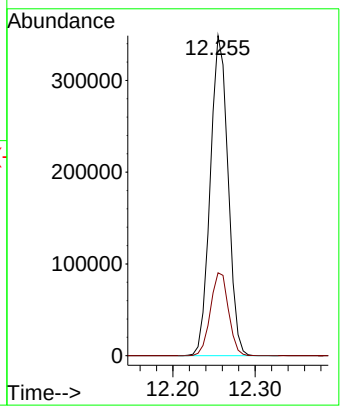


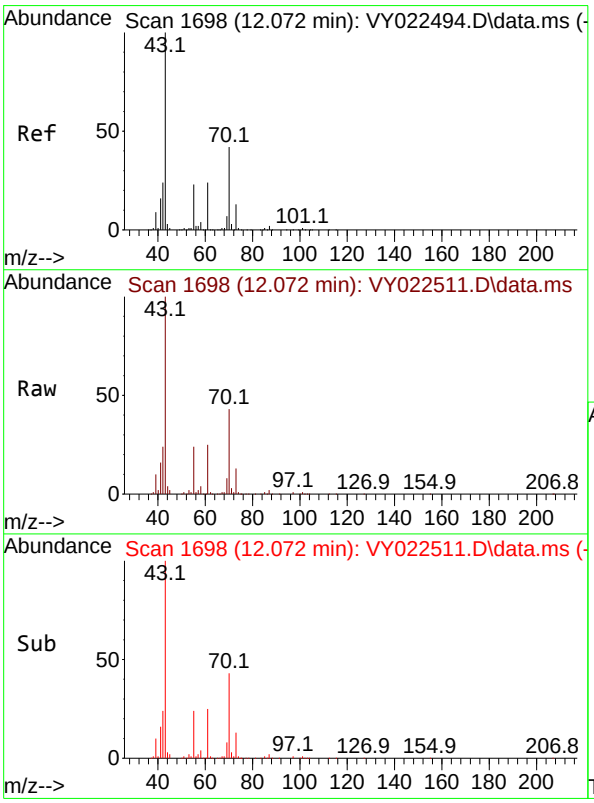
#73
Isopropylbenzene
Concen: 48.906 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 523520

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

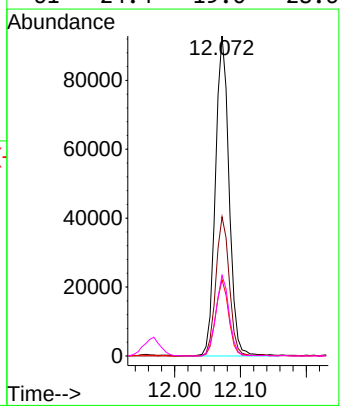


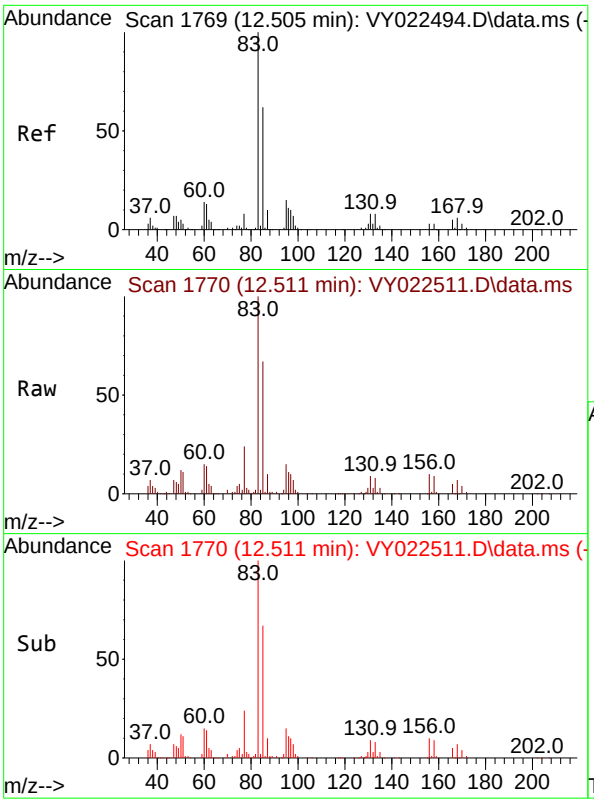


#74
N-amyl acetate
Concen: 49.739 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 43 Resp: 134344

Ion	Ratio	Lower	Upper
43	100		
70	42.6	34.2	51.2
55	22.7	18.2	27.4
61	24.4	19.0	28.6



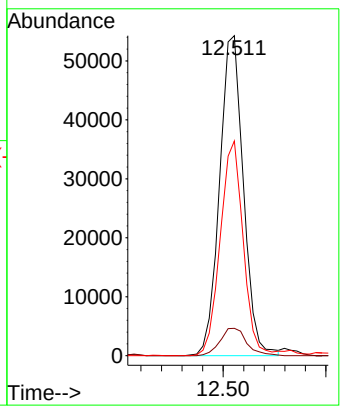


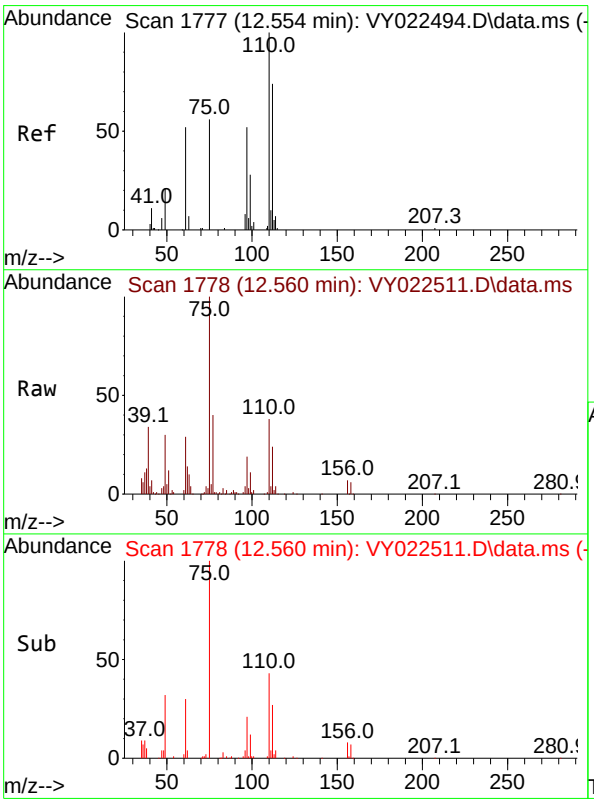
#75
1,1,2,2-Tetrachloroethane
Concen: 49.668 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 87261

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.5	32.6	97.8

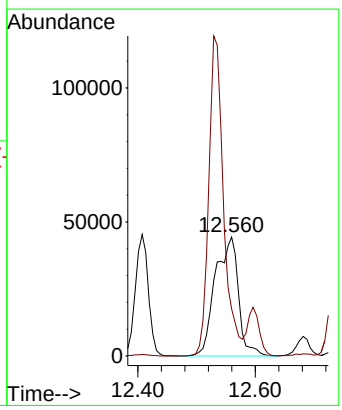


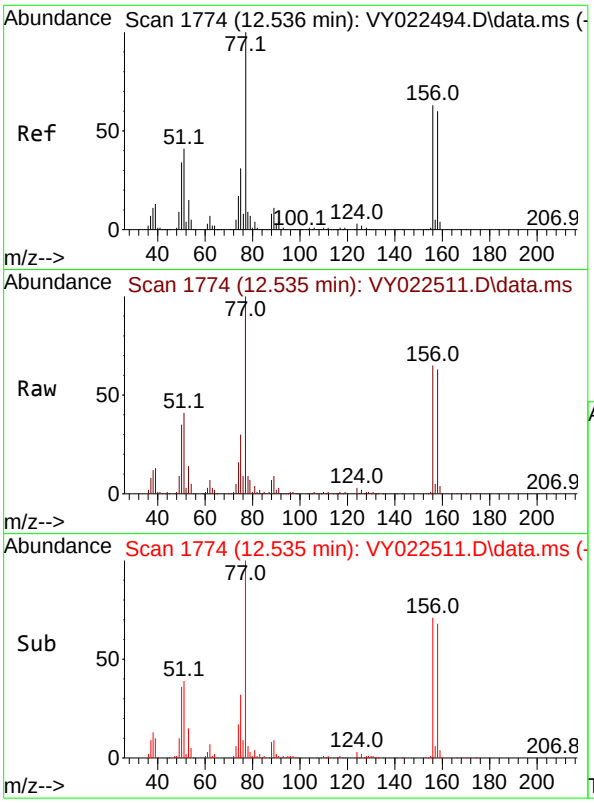


#76
1,2,3-Trichloropropane
Concen: 81.550 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 121644

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



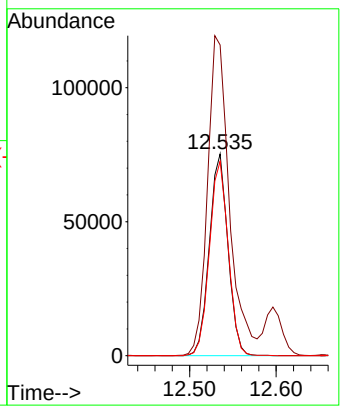


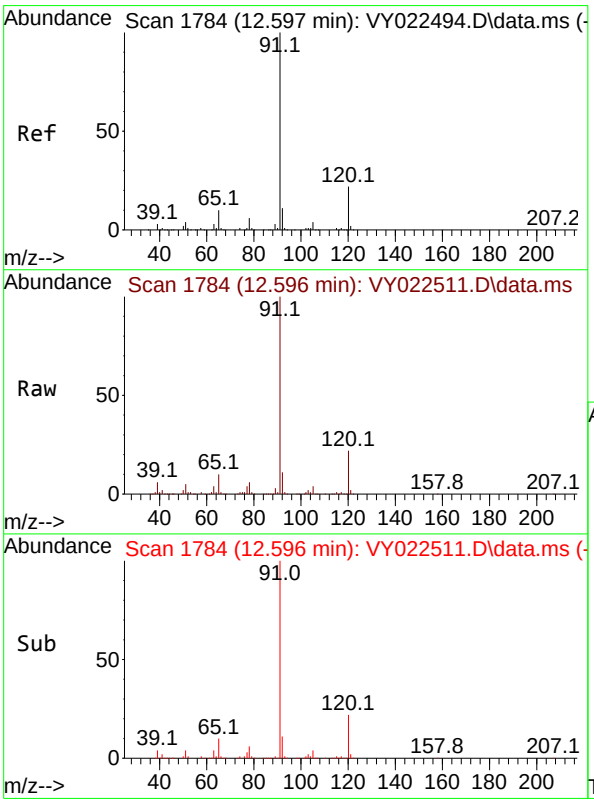
#77
Bromobenzene
Concen: 49.743 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 112367

Ion	Ratio	Lower	Upper
156	100		
77	186.2	94.0	282.1
158	97.6	48.2	144.6

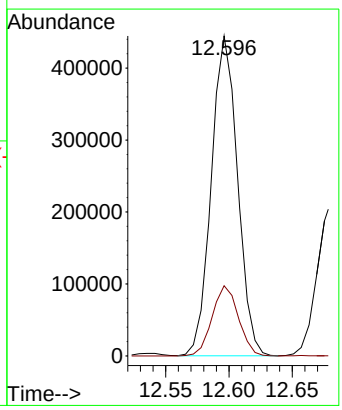


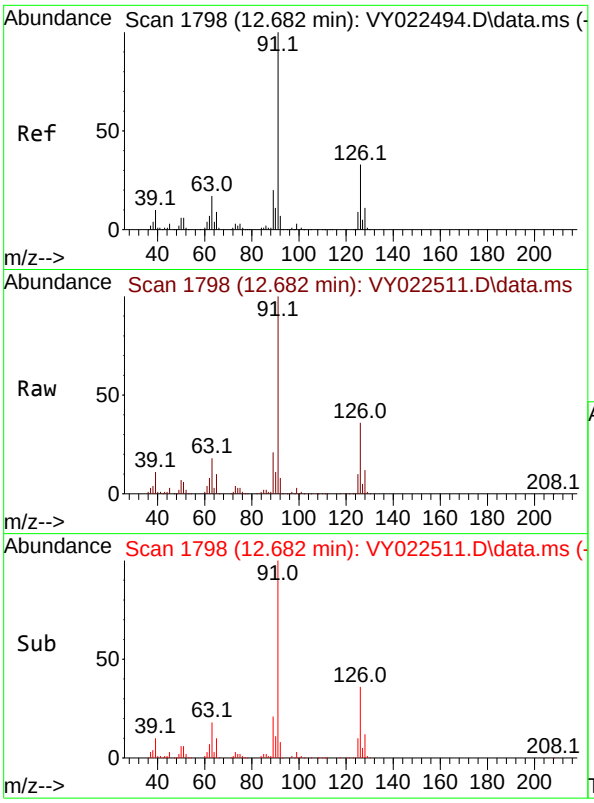


#78
n-propylbenzene
Concen: 49.060 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 641434

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4



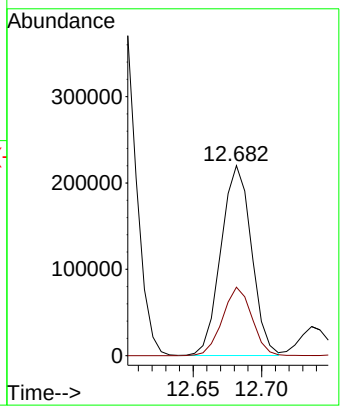


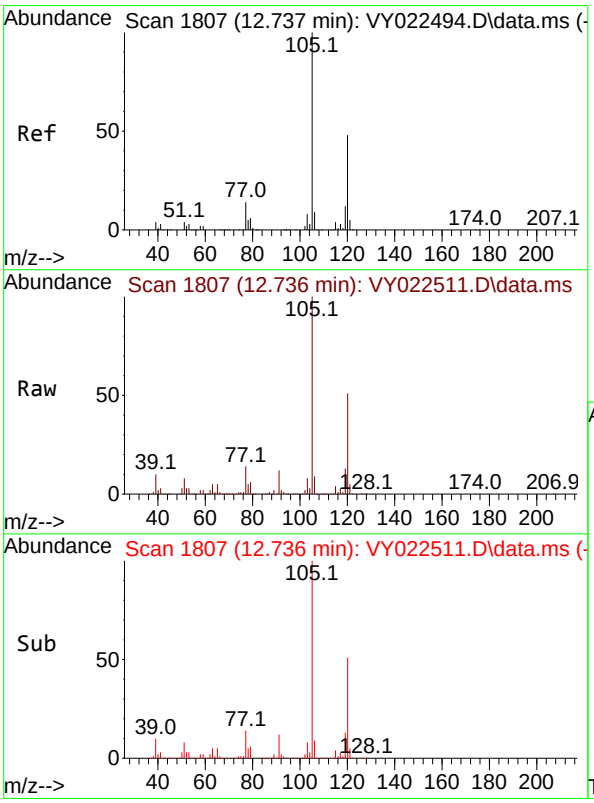
#79
2-Chlorotoluene
Concen: 49.190 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 340867

Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.0	51.0

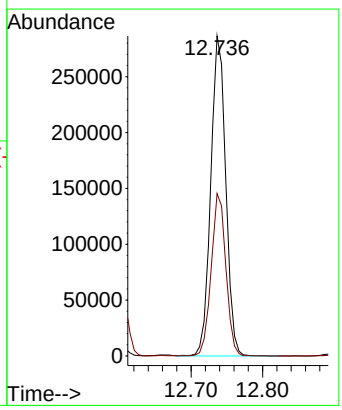


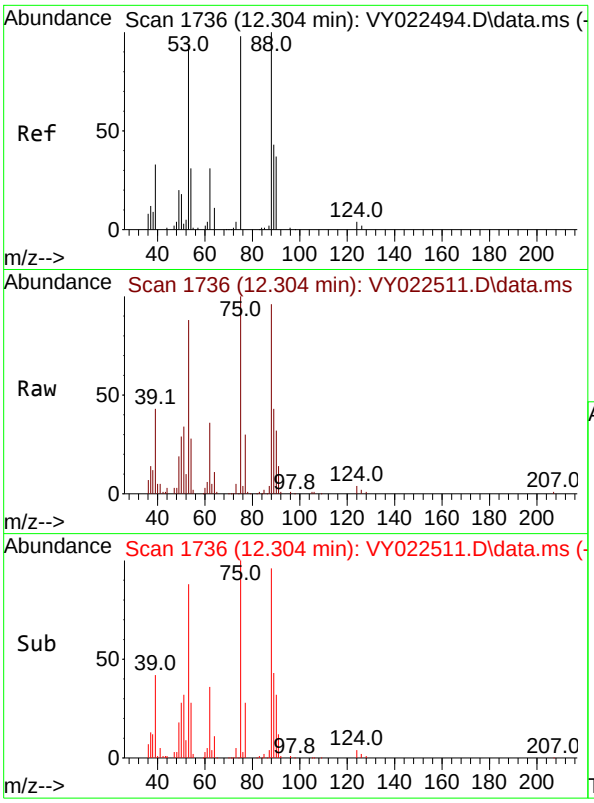


#80
1,3,5-Trimethylbenzene
Concen: 49.521 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 416181

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.1	72.4



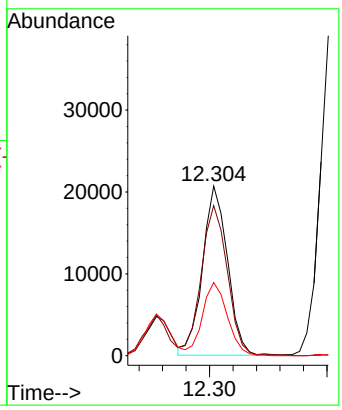


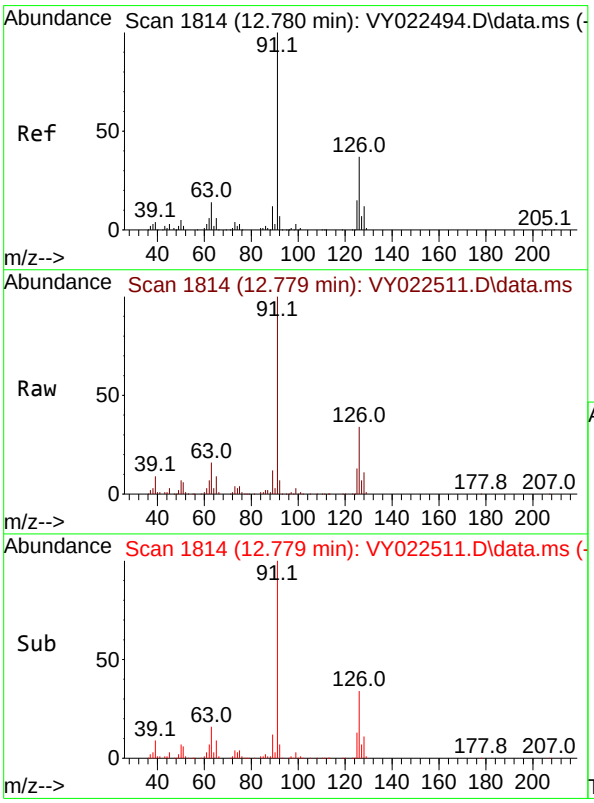
#81
trans-1,4-Dichloro-2-butene
Concen: 49.369 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 30494

Ion	Ratio	Lower	Upper
75	100		
53	93.4	78.5	117.7
89	42.9	35.7	53.5

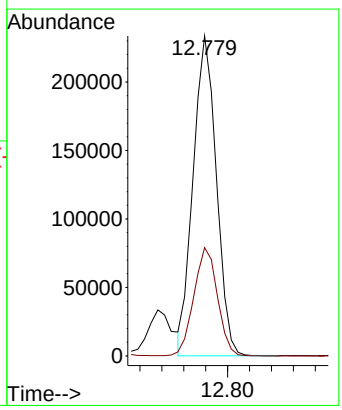


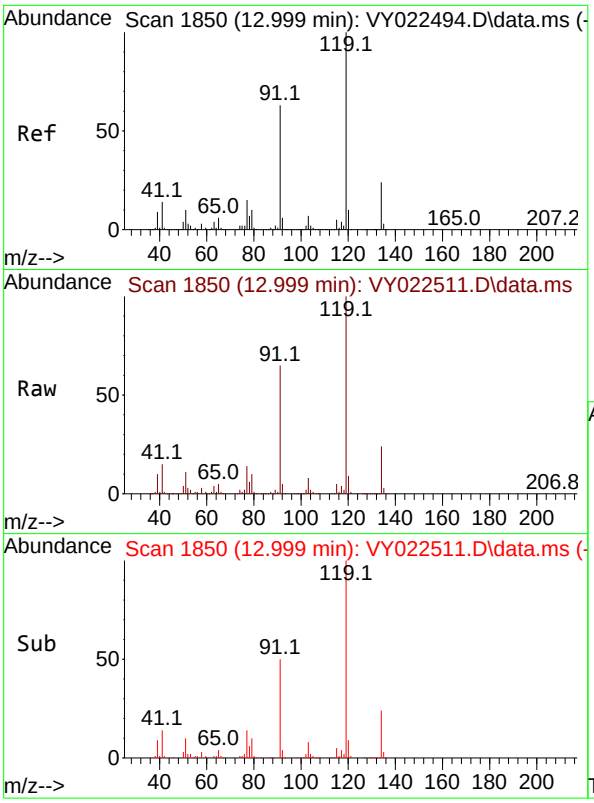


#82
4-Chlorotoluene
Concen: 48.038 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 91 Resp: 343404

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	50.9



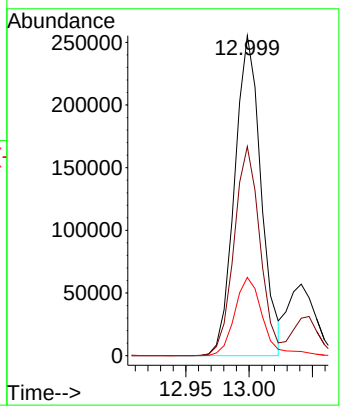


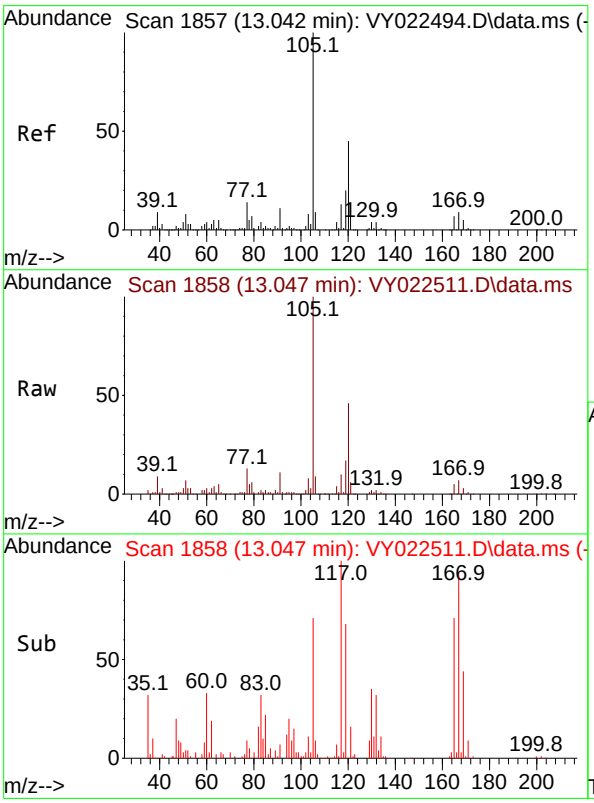
#83
tert-Butylbenzene
Concen: 49.296 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 371831

Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.1	96.3
134	26.0	13.0	38.9

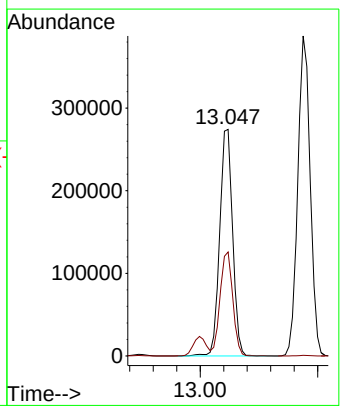


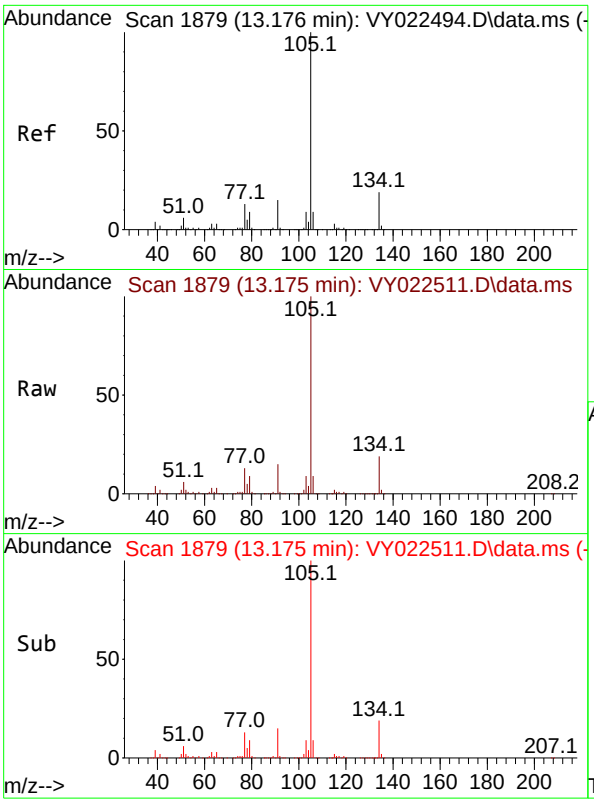


#84
1,2,4-Trimethylbenzene
Concen: 49.704 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:105 Resp: 417788

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1



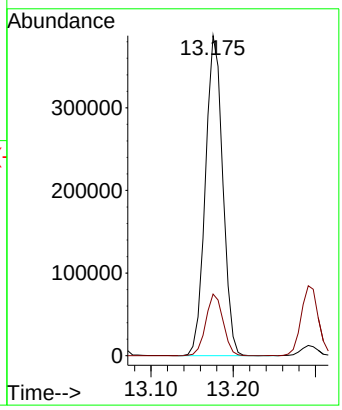


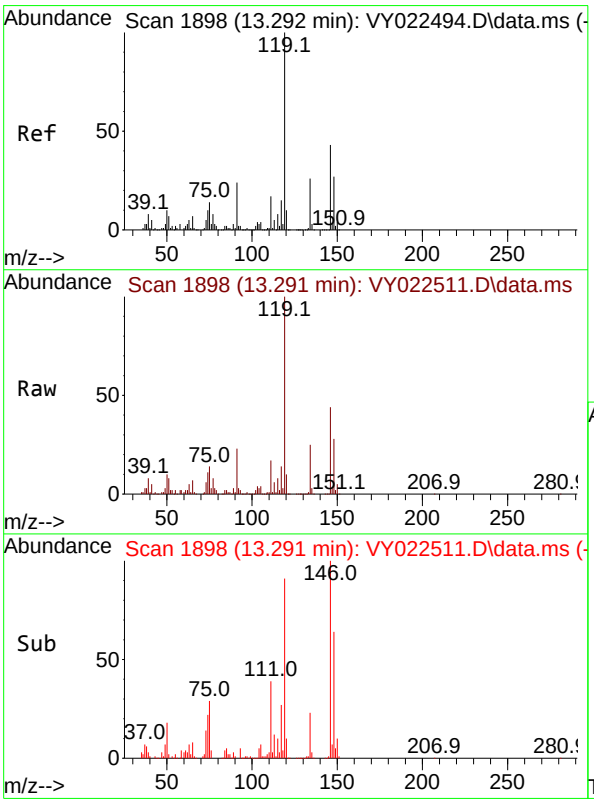
#85
sec-Butylbenzene
Concen: 49.121 ug/l
RT: 13.175 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 567452

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

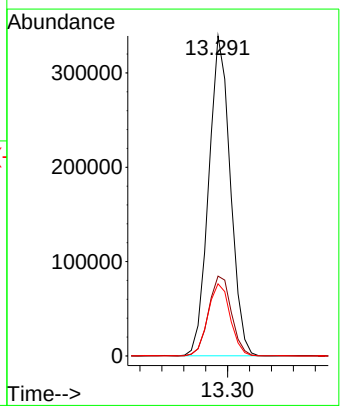


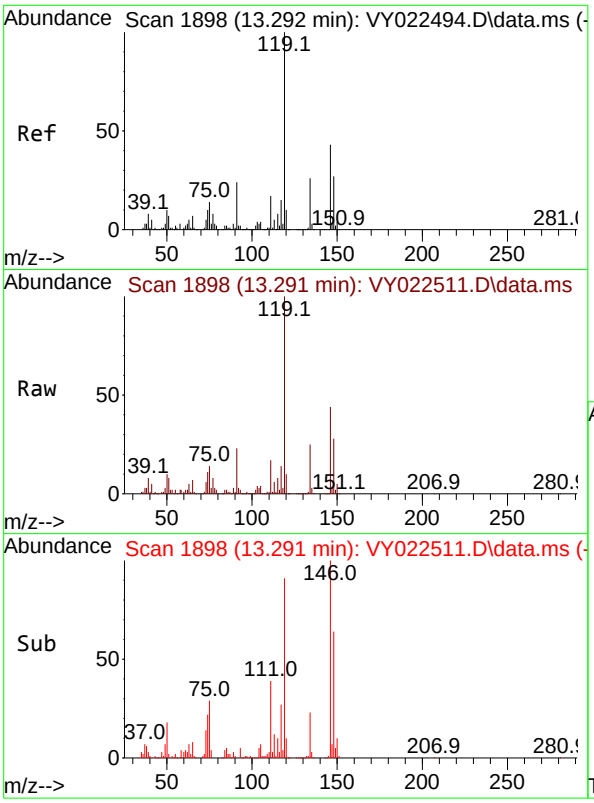


#86
p-Isopropyltoluene
Concen: 48.819 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:119 Resp: 464860

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.1
91	23.2	11.6	34.8



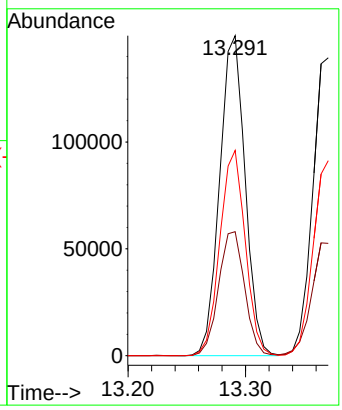


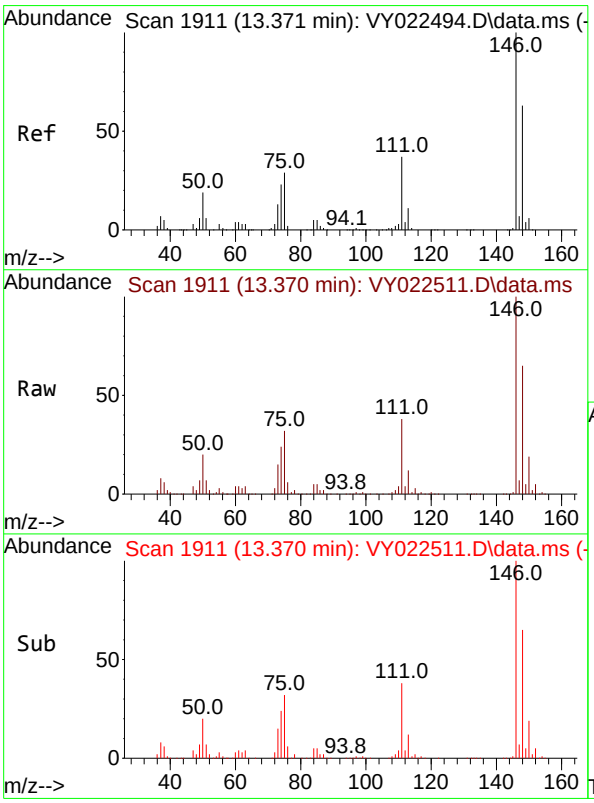
#87
1,3-Dichlorobenzene
Concen: 49.356 ug/l
RT: 13.291 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 225894

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	64.0	32.1	96.3

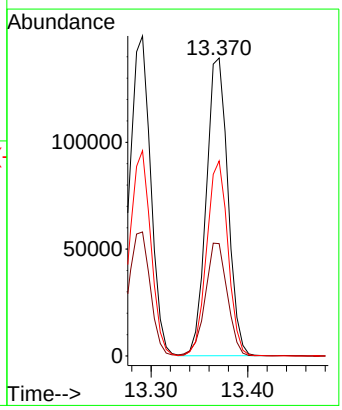


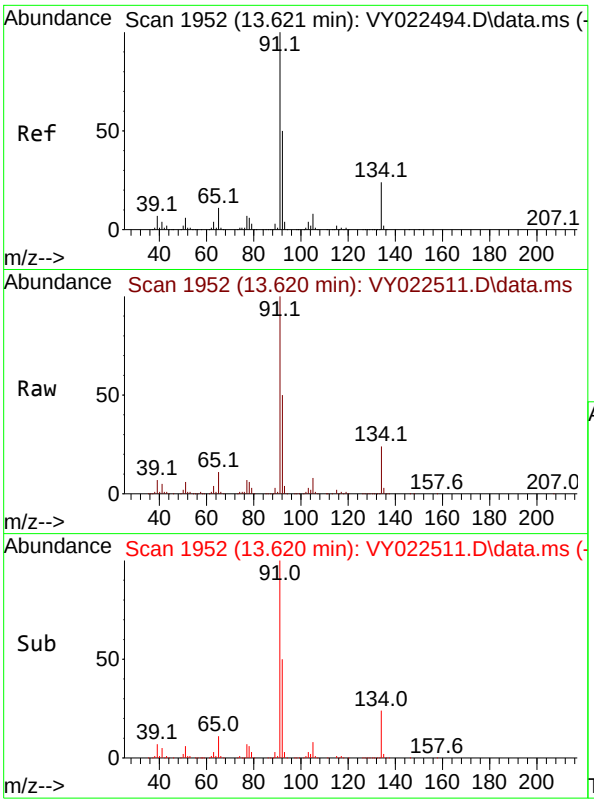


#88
1,4-Dichlorobenzene
Concen: 48.715 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:146 Resp: 216249

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.2
148	64.6	31.6	94.8



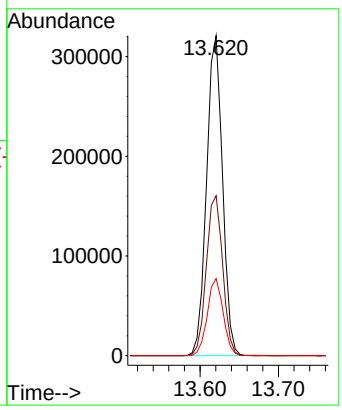


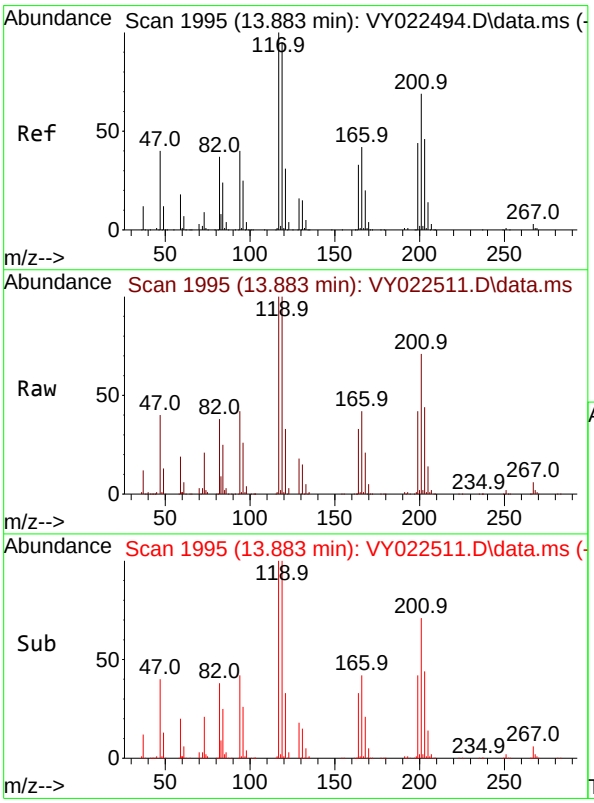
#89
n-Butylbenzene
Concen: 50.075 ug/l
RT: 13.620 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 452386

Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.8
134	24.0	12.0	36.1

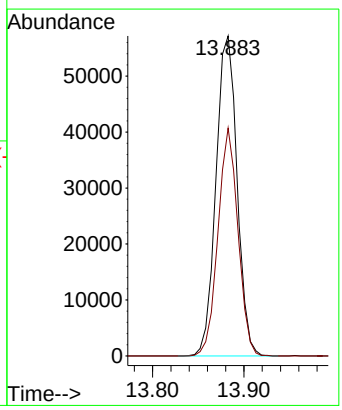


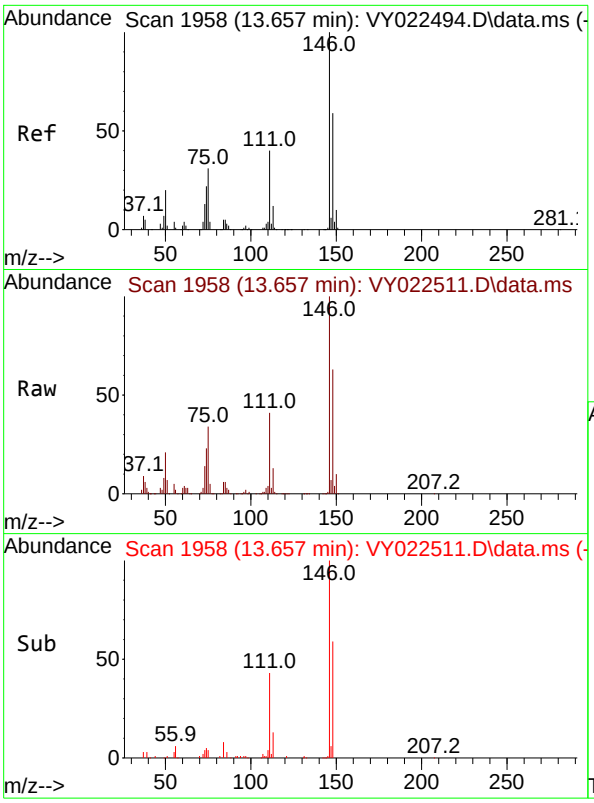


#90
Hexachloroethane
Concen: 49.550 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:117 Resp: 91854

Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.0	102.0



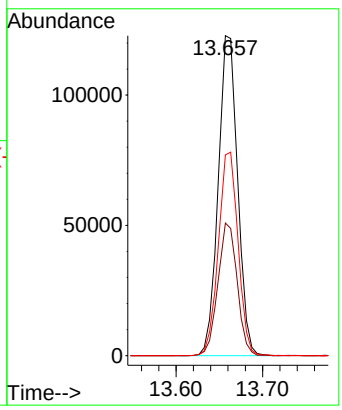


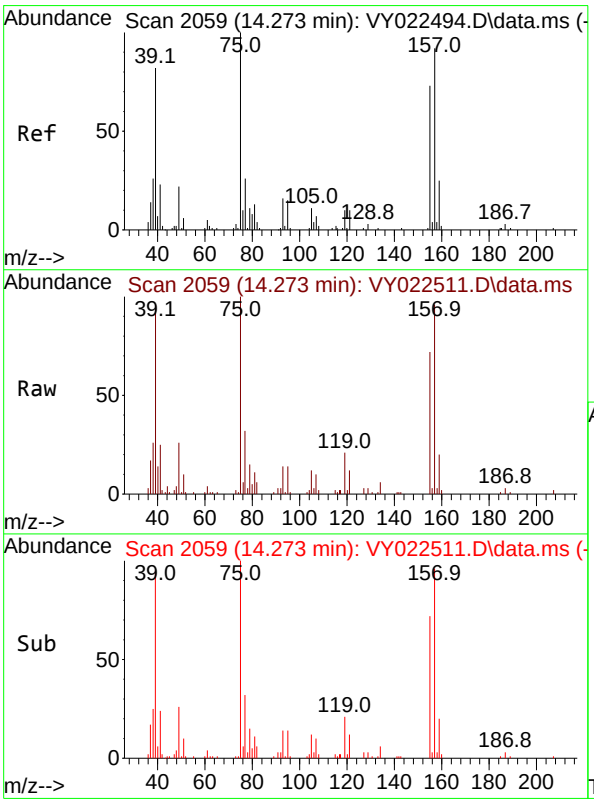
#91
1,2-Dichlorobenzene
Concen: 49.234 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 191317

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.2	60.6
148	64.5	31.4	94.0

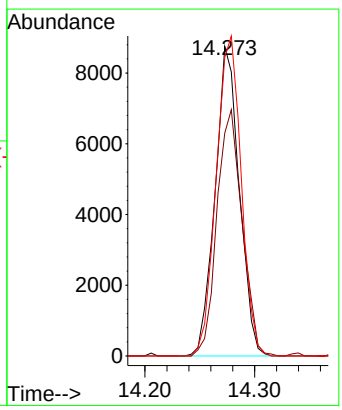


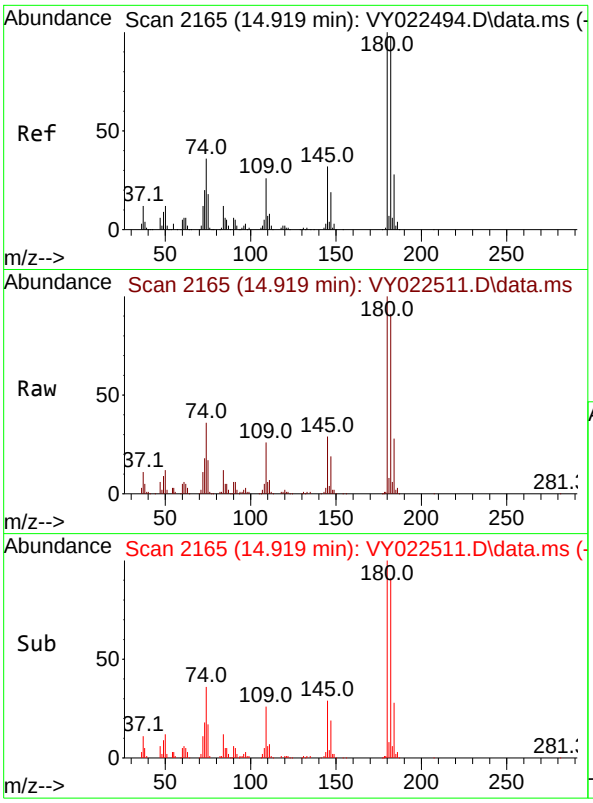


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.605 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion: 75 Resp: 13456

Ion	Ratio	Lower	Upper
75	100		
155	82.4	39.9	119.6
157	106.5	54.0	162.0



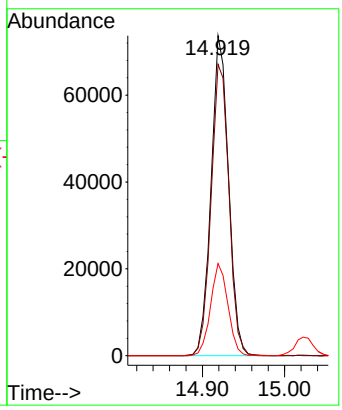


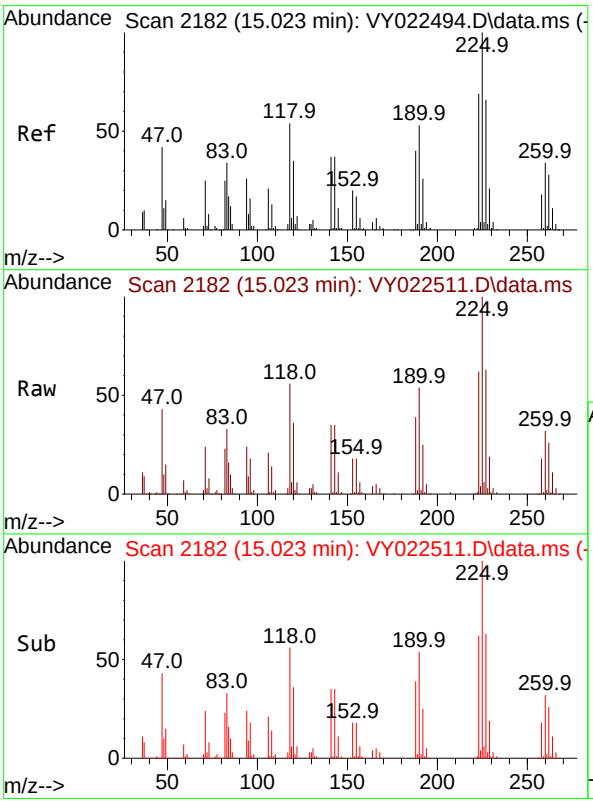
#93
1,2,4-Trichlorobenzene
Concen: 51.341 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 108808

Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.4	145.3
145	28.5	15.5	46.5

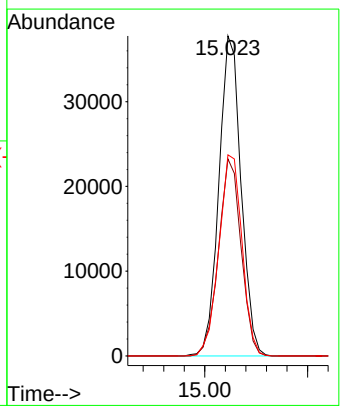


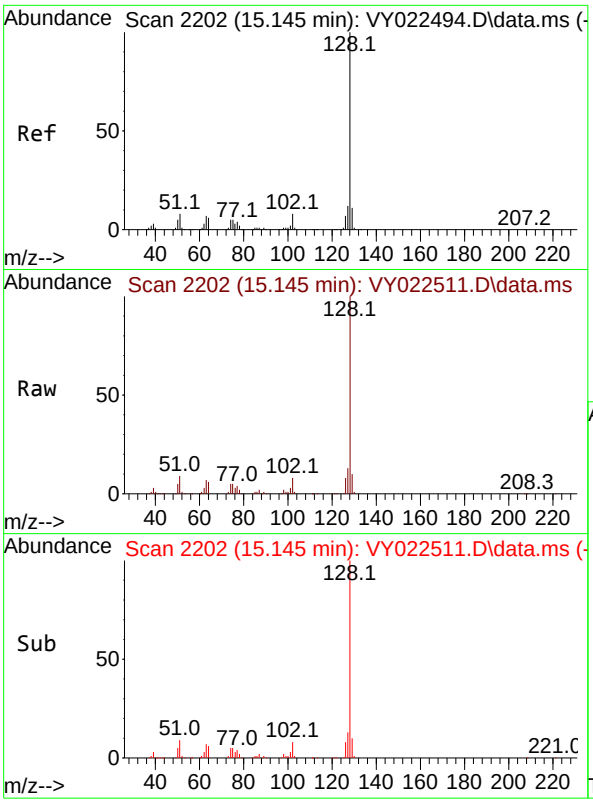


#94
Hexachlorobutadiene
Concen: 48.206 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:225 Resp: 56388

Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.5	97.4
227	65.6	32.3	96.9



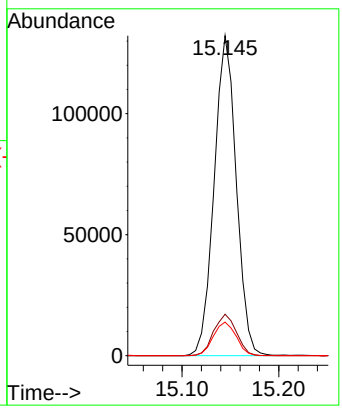


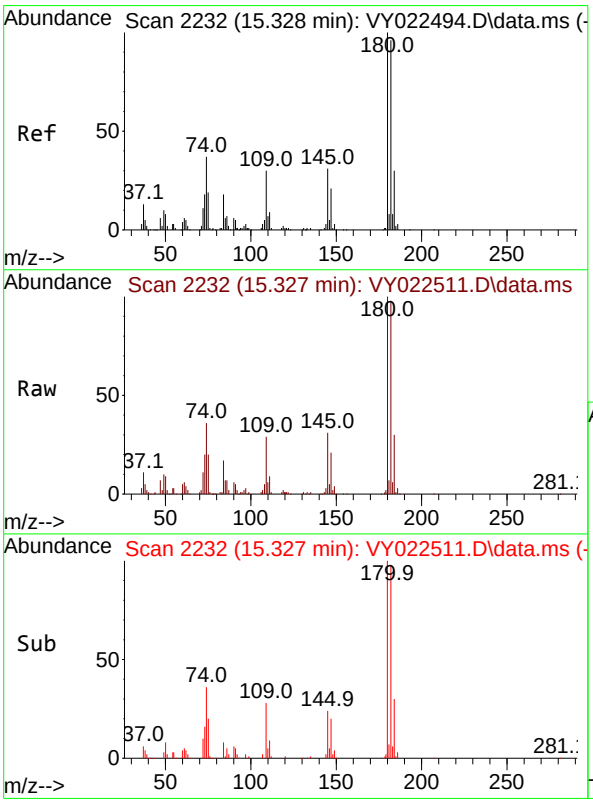
#95
Naphthalene
Concen: 51.588 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 209808

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.9	13.3

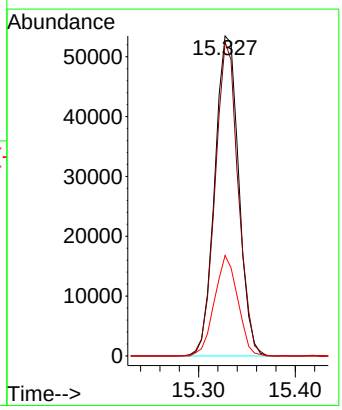




#96
1,2,3-Trichlorobenzene
Concen: 50.325 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.001 min
Lab File: VY022511.D
Acq: 03 Jun 2025 10:03

Tgt Ion:180 Resp: 91404

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.3
145	30.6	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	197612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	337632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110445	49.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.940%			
35) Dibromofluoromethane	7.634	113	102818	51.020	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.040%			
50) Toluene-d8	10.109	98	418973	51.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.407	95	118916	49.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39051	22.073	ug/l	95
3) Chloromethane	2.074	50	96334	18.431	ug/l	98
4) Vinyl Chloride	2.208	62	126140	20.803	ug/l	96
5) Bromomethane	2.592	94	117107	20.151	ug/l	98
6) Chloroethane	2.732	64	88804	21.338	ug/l	96
7) Trichlorofluoromethane	3.049	101	114182	22.182	ug/l	99
8) Diethyl Ether	3.458	74	24346	21.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	46051	21.242	ug/l	99
10) Methyl Iodide	4.007	142	43818	18.677	ug/l	100
11) Tert butyl alcohol	4.872	59	15349	97.233	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	43949	21.208	ug/l	95
13) Acrolein	3.653	56	20560	104.508	ug/l	97
14) Allyl chloride	4.391	41	67413	20.722	ug/l	98
15) Acrylonitrile	5.067	53	48448	98.683	ug/l	98
16) Acetone	3.872	43	64637	144.004	ug/l	97
17) Carbon Disulfide	4.110	76	138205	20.831	ug/l	100
18) Methyl Acetate	4.391	43	27356	20.581	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	118612	20.321	ug/l	96
20) Methylene Chloride	4.616	84	47160	18.497	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	47664	20.551	ug/l	98
22) Diisopropyl ether	6.018	45	150165	20.737	ug/l	95
23) Vinyl Acetate	5.963	43	425369	99.247	ug/l	100
24) 1,1-Dichloroethane	5.921	63	90453	21.203	ug/l	98
25) 2-Butanone	6.902	43	76024	117.421	ug/l	90
26) 2,2-Dichloropropane	6.884	77	81323	21.575	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55057	20.538	ug/l	97
28) Bromochloromethane	7.244	49	39559	21.273	ug/l	96
29) Tetrahydrofuran	7.262	42	40474	96.924	ug/l	100
30) Chloroform	7.427	83	88966	21.055	ug/l	94
31) Cyclohexane	7.701	56	85871	20.219	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	79604	21.222	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66890	20.451	ug/l	99
37) Ethyl Acetate	6.994	43	28280	19.388	ug/l	97
38) Carbon Tetrachloride	7.817	117	67799	20.206	ug/l	95
39) Methylcyclohexane	9.109	83	87053	19.805	ug/l	98
40) Benzene	8.085	78	200164	20.720	ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.219	41	15933	18.701 ug/l	96
42) 1,2-Dichloroethane	8.158	62	53923	20.443 ug/l	99
43) Isopropyl Acetate	8.201	43	60985	19.359 ug/l #	87
44) Trichloroethene	8.865	130	50394	21.344 ug/l	95
45) 1,2-Dichloropropane	9.146	63	47626	20.860 ug/l	99
46) Dibromomethane	9.231	93	24877	19.368 ug/l	97
47) Bromodichloromethane	9.426	83	67673	20.778 ug/l	95
48) Methyl methacrylate	9.225	41	27658	18.707 ug/l	96
49) 1,4-Dioxane	9.237	88	5752	378.003 ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	150751	95.984 ug/l	100
52) Toluene	10.170	92	122301	20.145 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	60125	19.703 ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	73109	20.581 ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	33009	20.154 ug/l	95
56) Ethyl methacrylate	10.438	69	44052	18.609 ug/l	99
57) 1,3-Dichloropropane	10.719	76	57905	19.947 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	104791	97.502 ug/l	99
59) 2-Hexanone	10.761	43	113080	107.655 ug/l	99
60) Dibromochloromethane	10.908	129	41162	19.776 ug/l	99
61) 1,2-Dibromoethane	11.017	107	30056	20.134 ug/l	95
64) Tetrachloroethene	10.646	164	51847	21.203 ug/l	99
65) Chlorobenzene	11.444	112	127590	20.283 ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.517	131	42827	20.210 ug/l	99
67) Ethyl Benzene	11.517	91	236274	20.251 ug/l	99
68) m/p-Xylenes	11.627	106	177595	40.152 ug/l	99
69) o-Xylene	11.956	106	83043	20.025 ug/l	99
70) Styrene	11.969	104	136395	19.898 ug/l	99
71) Bromoform	12.133	173	21024	18.644 ug/l #	99
73) Isopropylbenzene	12.255	105	218088	20.130 ug/l	100
74) N-amyl acetate	12.072	43	51955	19.006 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33056	18.590 ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	48123	31.876 ug/l #	100
77) Bromobenzene	12.529	156	44250	19.355 ug/l	95
78) n-propylbenzene	12.596	91	268379	20.282 ug/l	100
79) 2-Chlorotoluene	12.682	91	140839	20.082 ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	169137	19.885 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12442	19.903 ug/l	92
82) 4-Chlorotoluene	12.779	91	144089	19.916 ug/l	100
83) tert-Butylbenzene	12.999	119	155396	20.356 ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	167992	19.747 ug/l	100
85) sec-Butylbenzene	13.176	105	234207	20.032 ug/l	100
86) p-Isopropyltoluene	13.291	119	188849	19.596 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	89632	19.350 ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	89737	19.974 ug/l	100
89) n-Butylbenzene	13.615	91	183570	20.077 ug/l	100
90) Hexachloroethane	13.883	117	38158	20.338 ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	77708	19.759 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4880	18.850 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	40402	18.836 ug/l	97
94) Hexachlorobutadiene	15.023	225	23265	19.652 ug/l	99
95) Naphthalene	15.145	128	74961	18.211 ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	35695	19.418 ug/l	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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

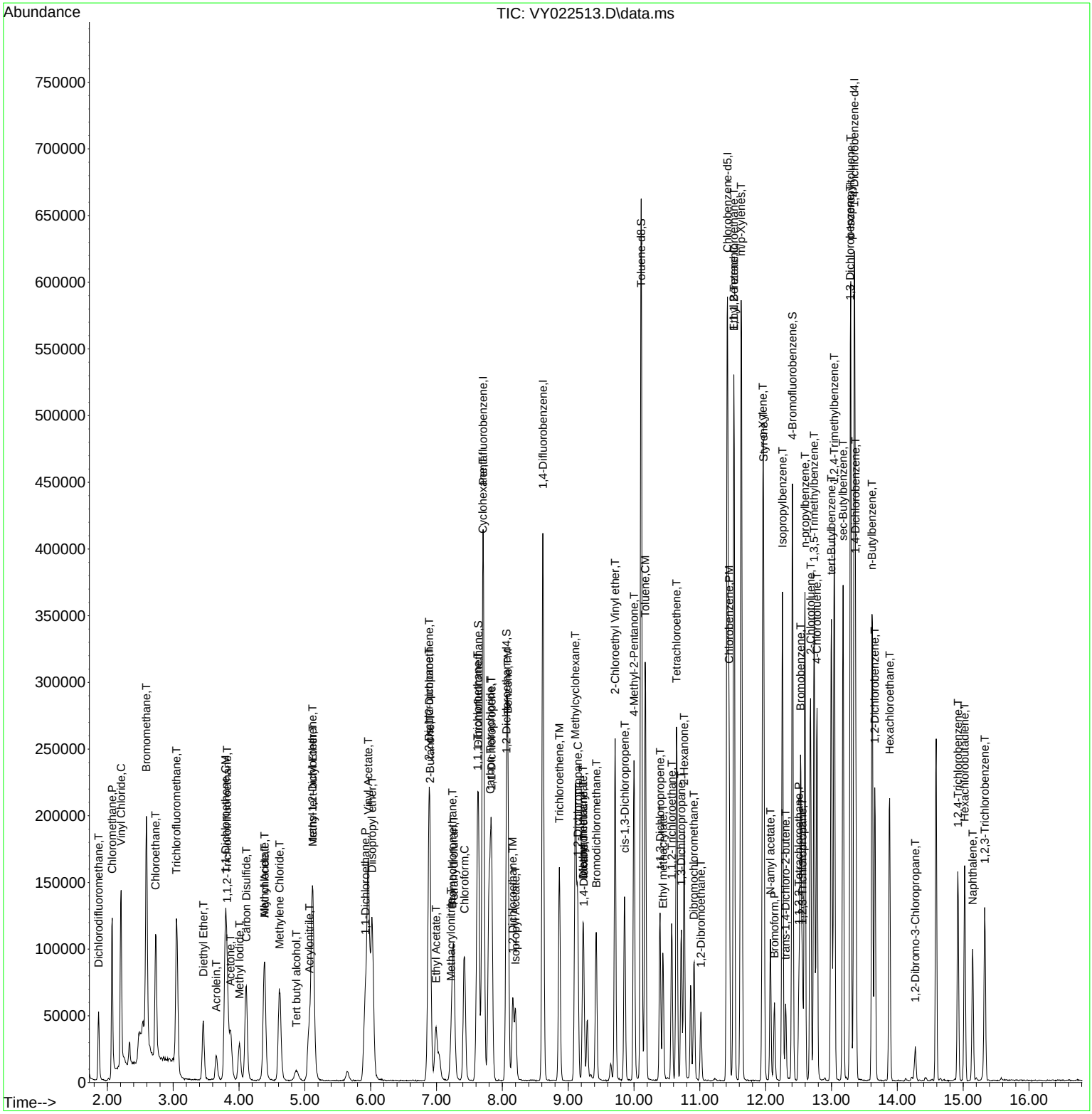
(#) = qualifier out of range (m) = manual integration (+) = signals summed

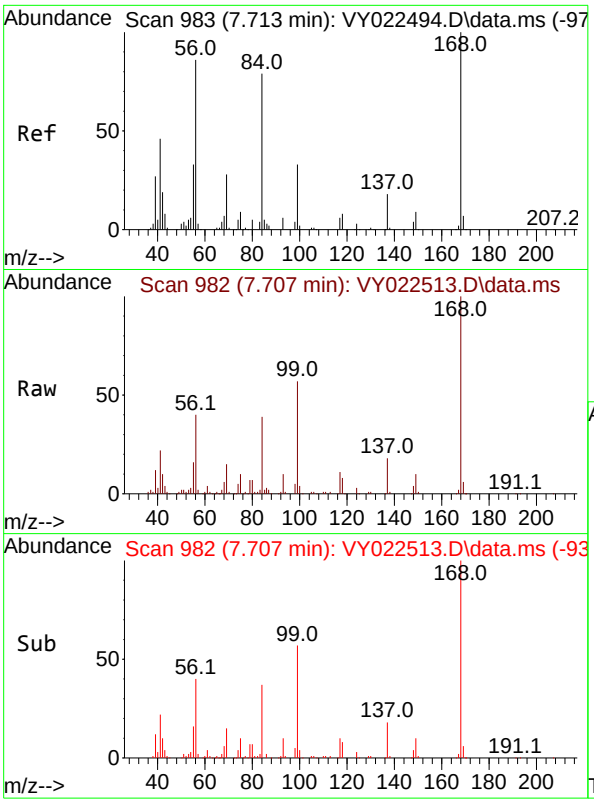
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022513.D
Acq On : 03 Jun 2025 11:15
Operator : SY/MD
Sample : VY0603SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Quant Time: Jun 04 04:09:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



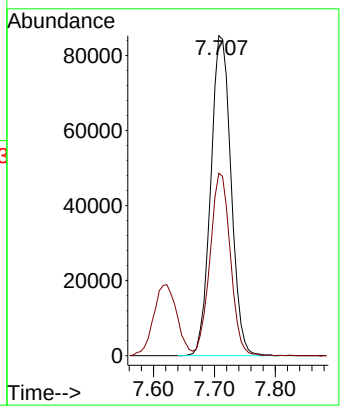


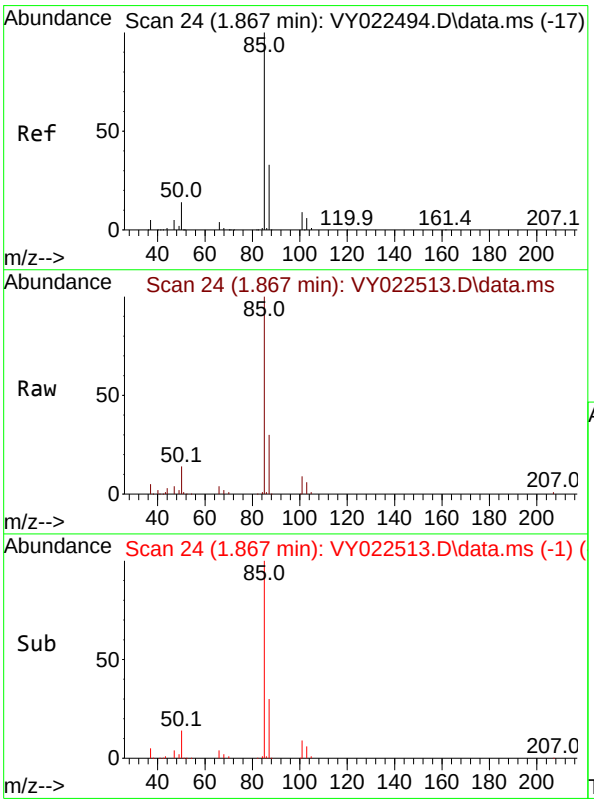
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:168 Resp: 197612

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.3	66.5

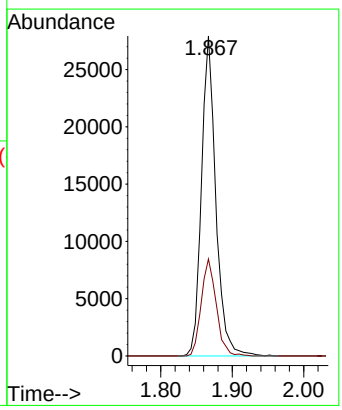


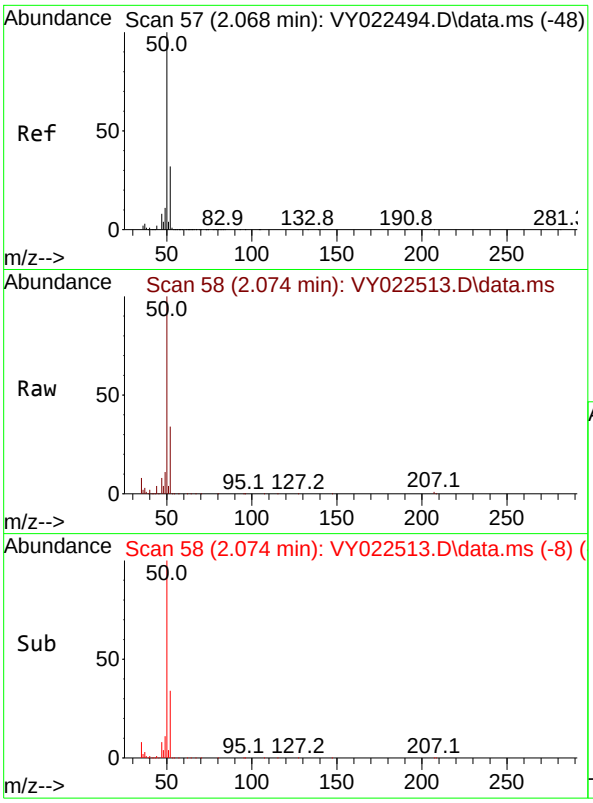


#2
Dichlorodifluoromethane
Concen: 22.073 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 85 Resp: 39051

Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.7	50.0



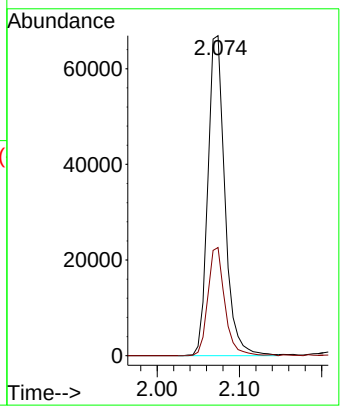


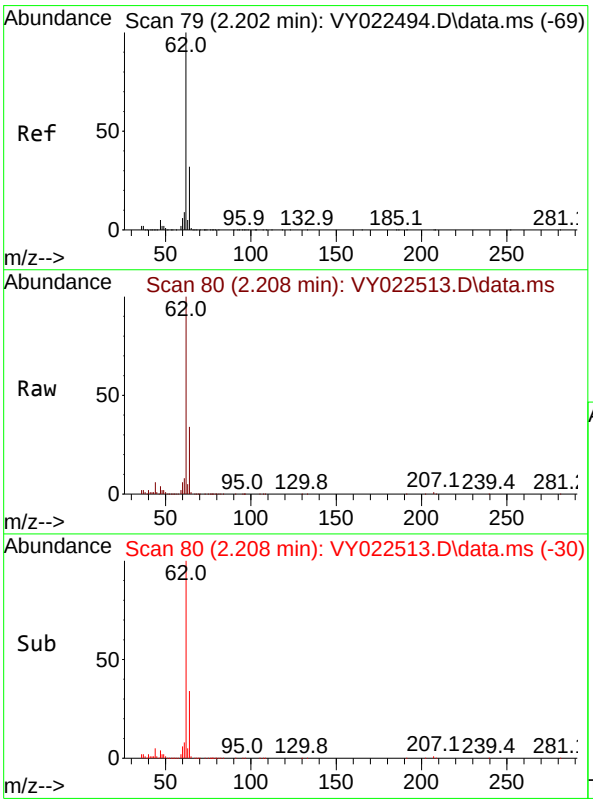
#3
Chloromethane
Concen: 18.431 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 50 Resp: 96334

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.0	39.0

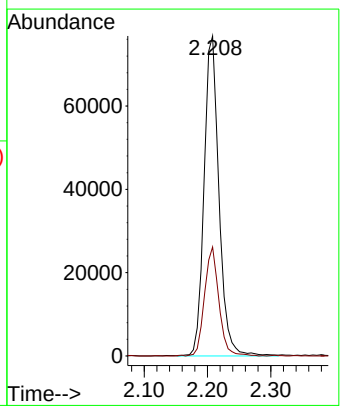


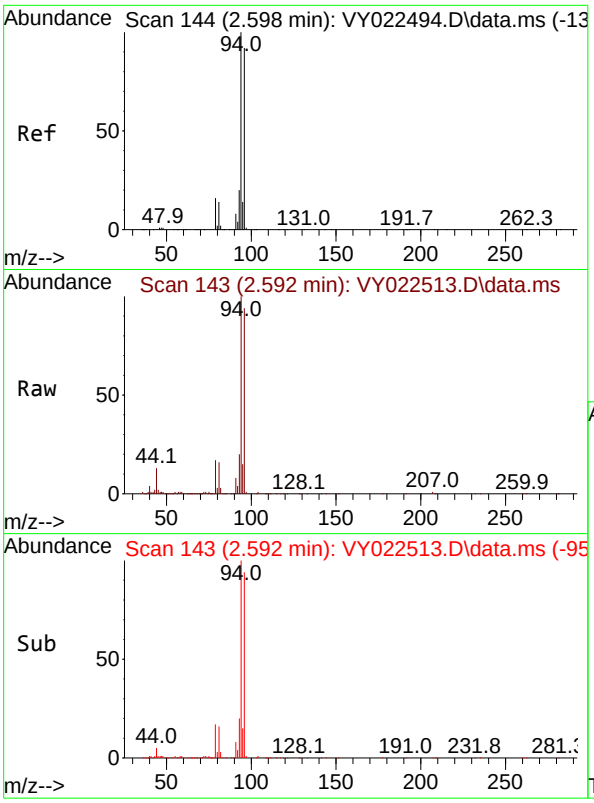


#4
Vinyl Chloride
Concen: 20.803 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 62 Resp: 126140

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.3	37.9



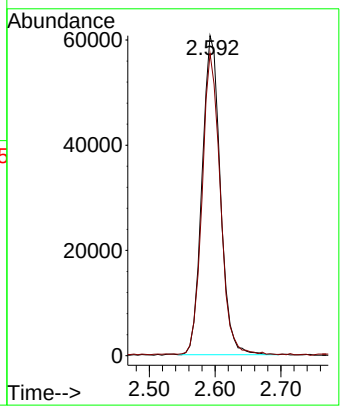


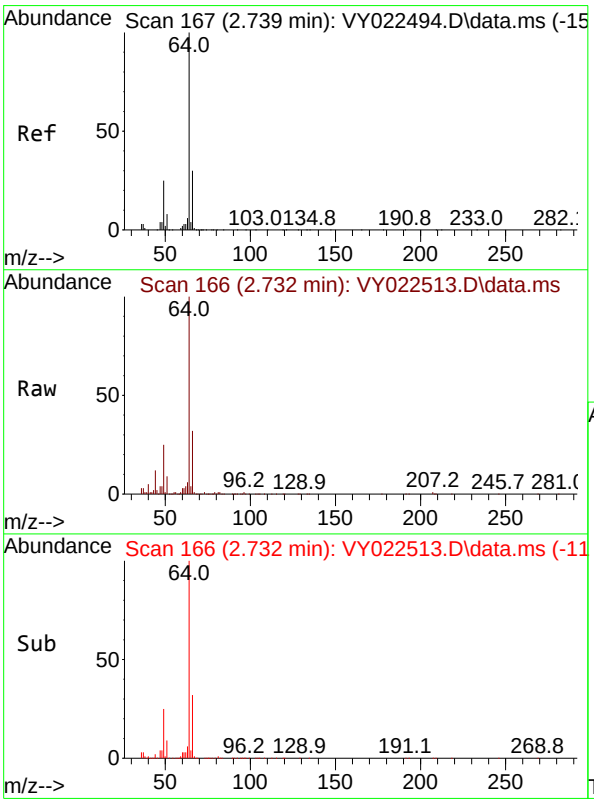
#5
Bromomethane
Concen: 20.151 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 94 Resp: 117107

Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.0	111.0

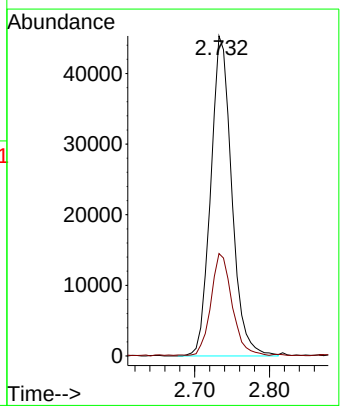


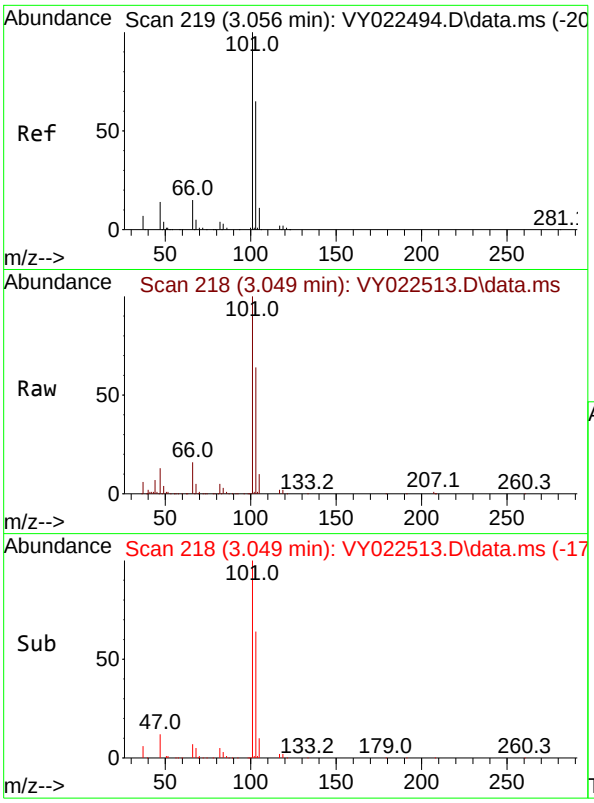


#6
Chloroethane
Concen: 21.338 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 64 Resp: 88804

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.8	35.6



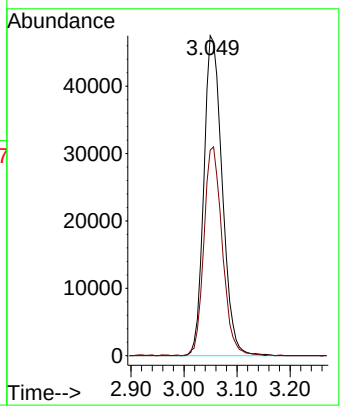


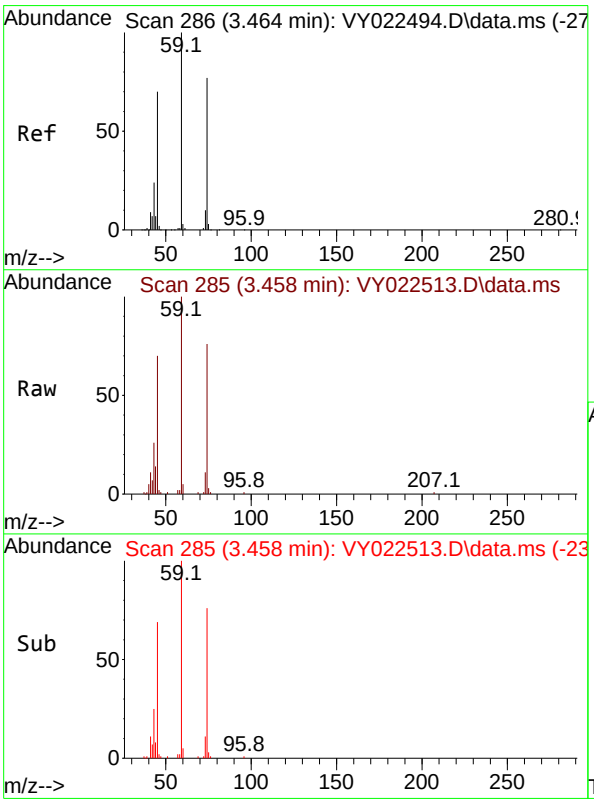
#7
Trichlorofluoromethane
Concen: 22.182 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:101 Resp: 114182

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.2

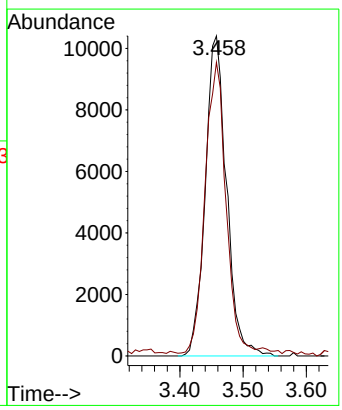


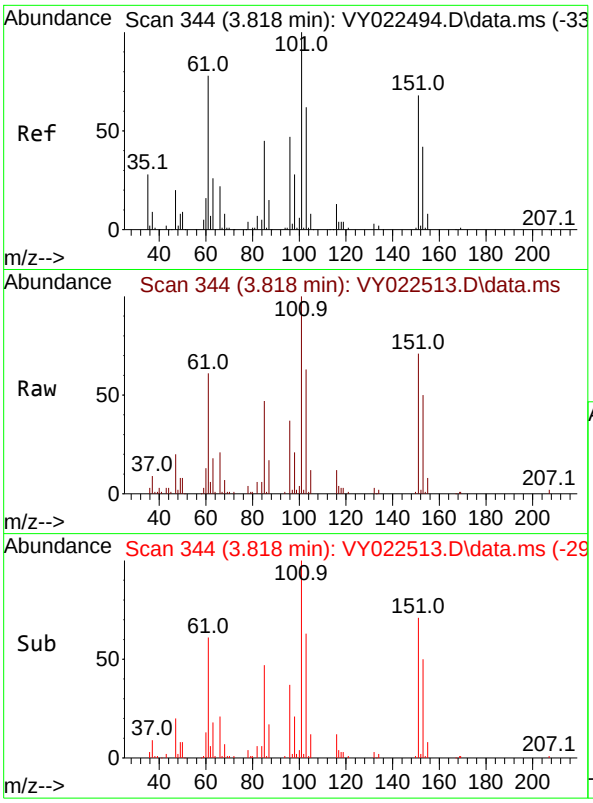


#8
Diethyl Ether
Concen: 21.002 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 74 Resp: 24346

Ion	Ratio	Lower	Upper
74	100		
45	88.7	45.9	137.6



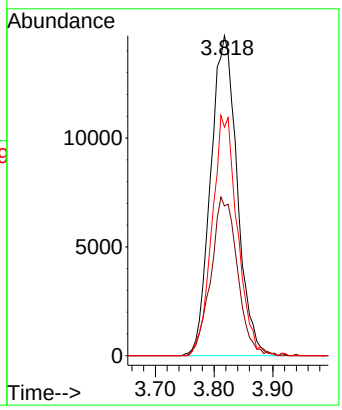


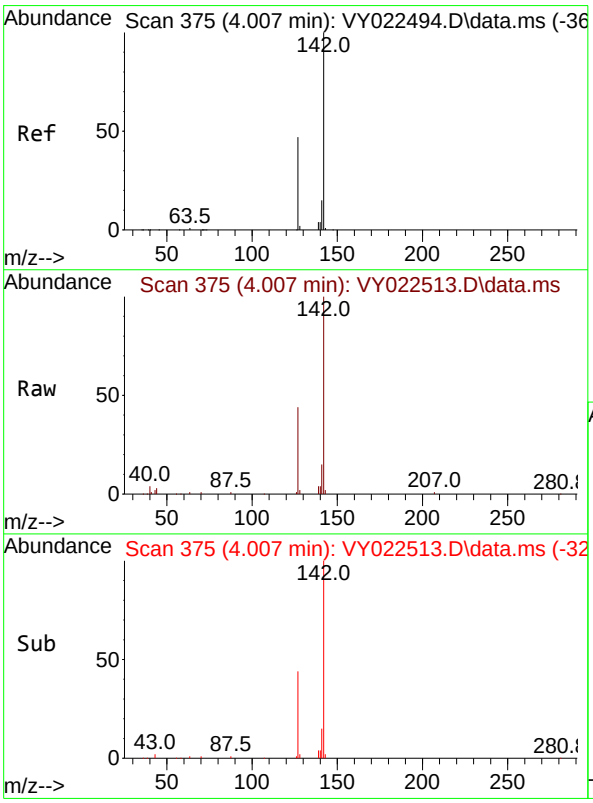
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.242 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:101 Resp: 46051

Ion	Ratio	Lower	Upper
101	100		
85	49.3	39.3	58.9
151	71.8	57.8	86.8

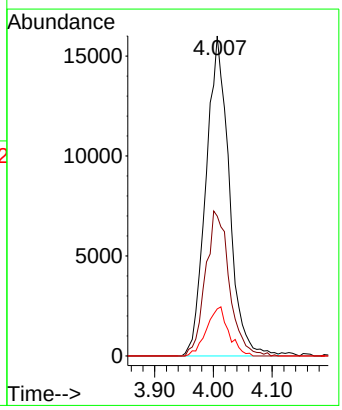


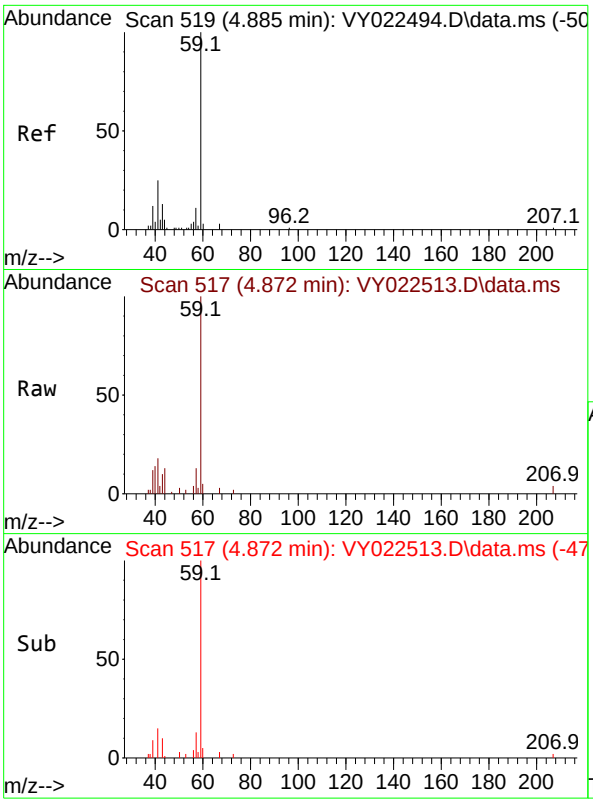


#10
Methyl Iodide
Concen: 18.677 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:142 Resp: 43818

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.1	55.7
141	14.7	11.4	17.2



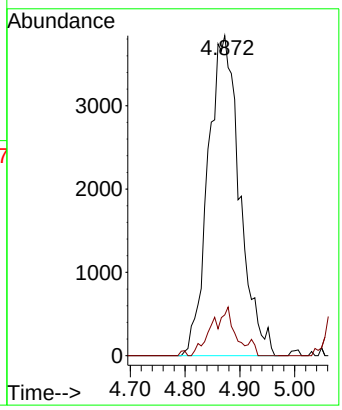


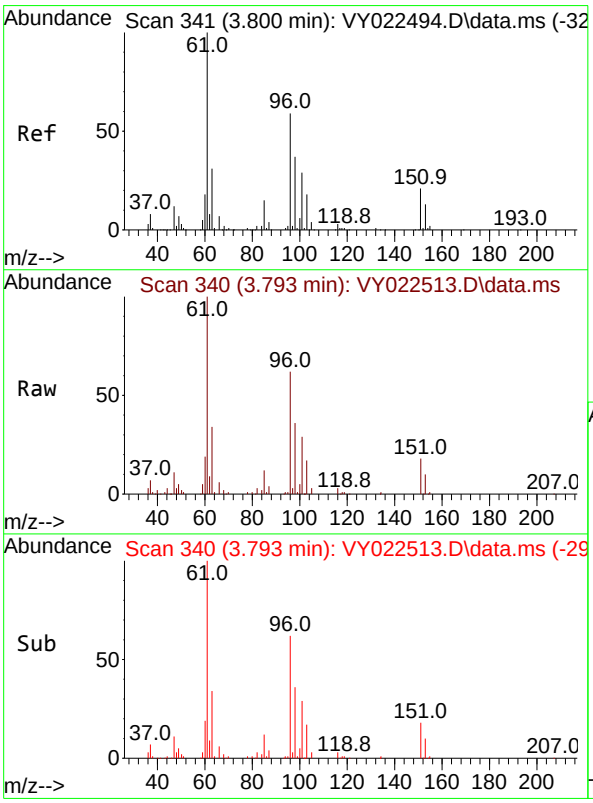
#11
Tert butyl alcohol
Concen: 97.233 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 59 Resp: 15349

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

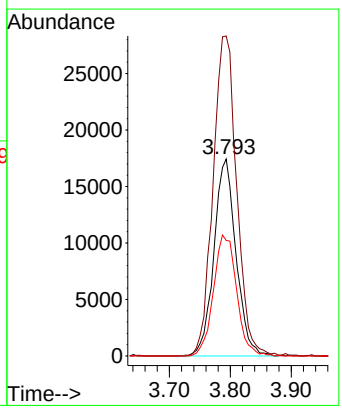


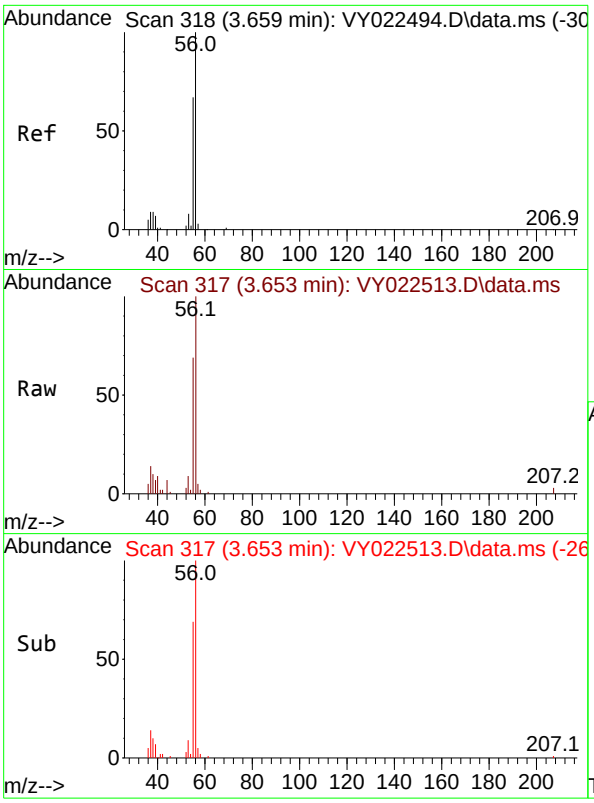


#12
1,1-Dichloroethene
Concen: 21.208 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 96 Resp: 43949

Ion	Ratio	Lower	Upper
96	100		
61	162.5	134.6	201.8
98	58.7	50.2	75.4



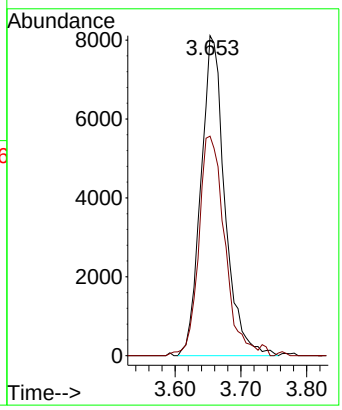


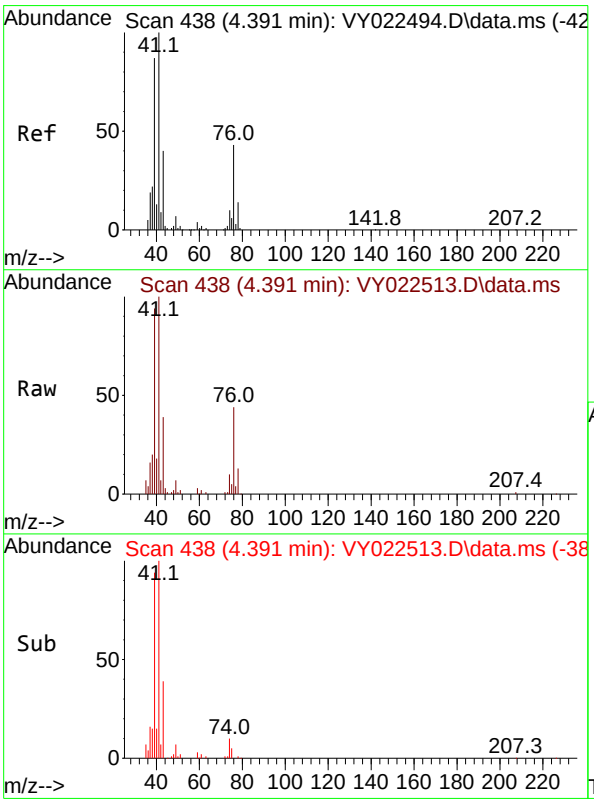
#13
Acrolein
Concen: 104.508 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 56 Resp: 20560

Ion	Ratio	Lower	Upper
56	100		
55	73.7	57.0	85.6

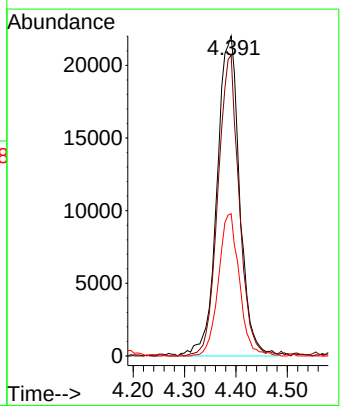


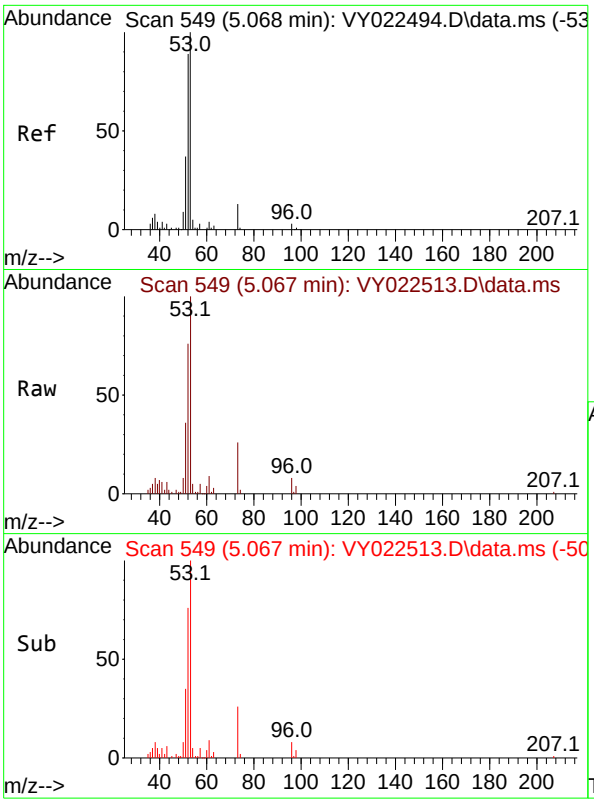


#14
Allyl chloride
Concen: 20.722 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 67413

Ion	Ratio	Lower	Upper
41	100		
39	88.1	69.1	103.7
76	41.0	33.5	50.3



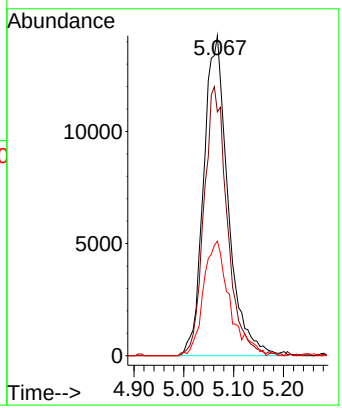


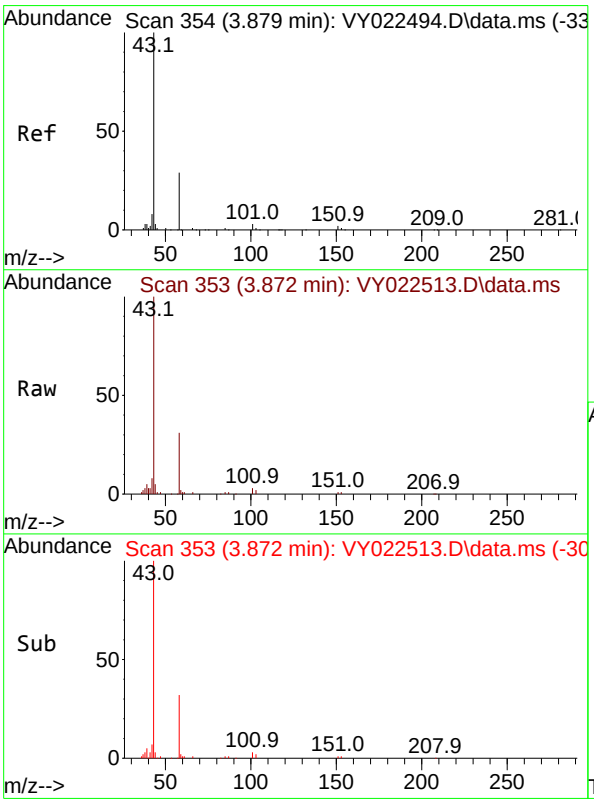
#15
Acrylonitrile
Concen: 98.683 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 53 Resp: 48448

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.7	98.5
51	38.5	30.1	45.1

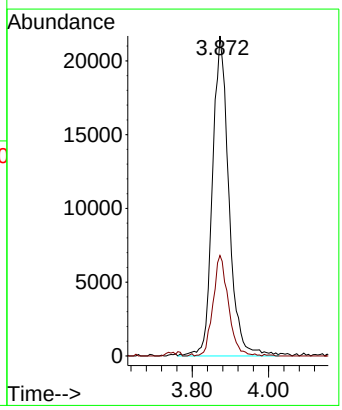


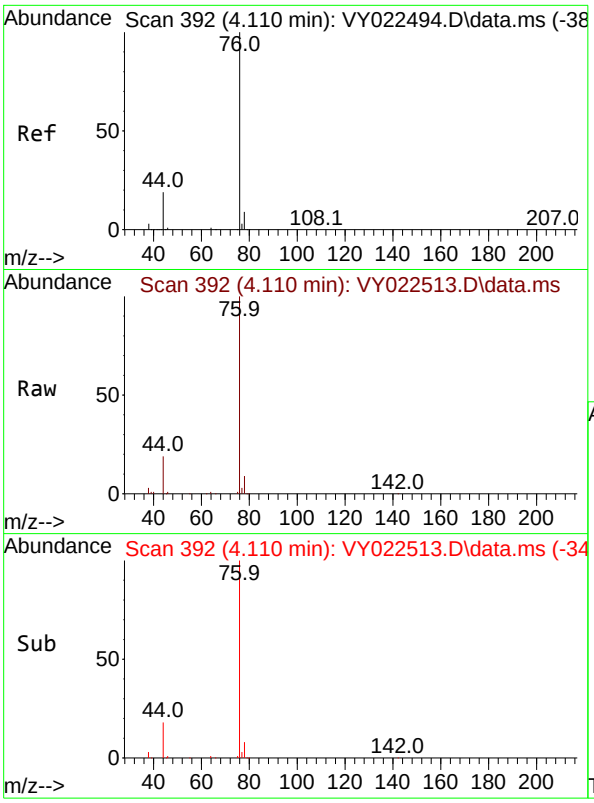


#16
Acetone
Concen: 144.004 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 64637

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0



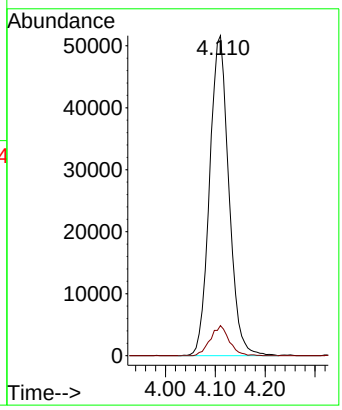


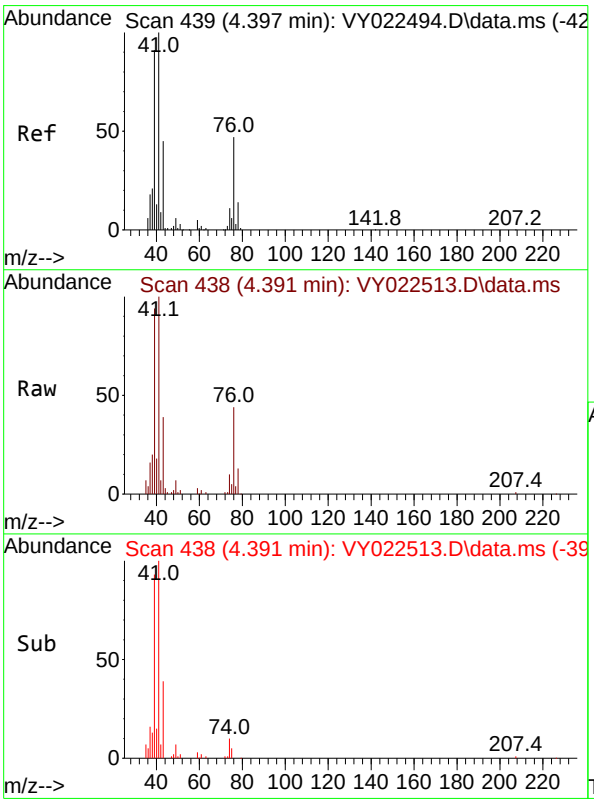
#17
Carbon Disulfide
Concen: 20.831 ug/l
RT: 4.110 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 76 Resp: 138205

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

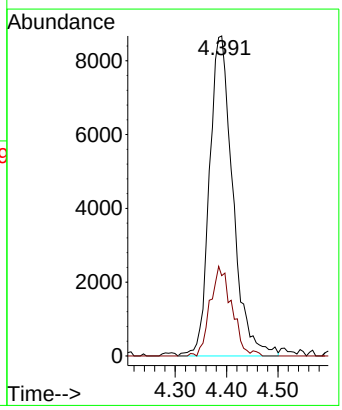


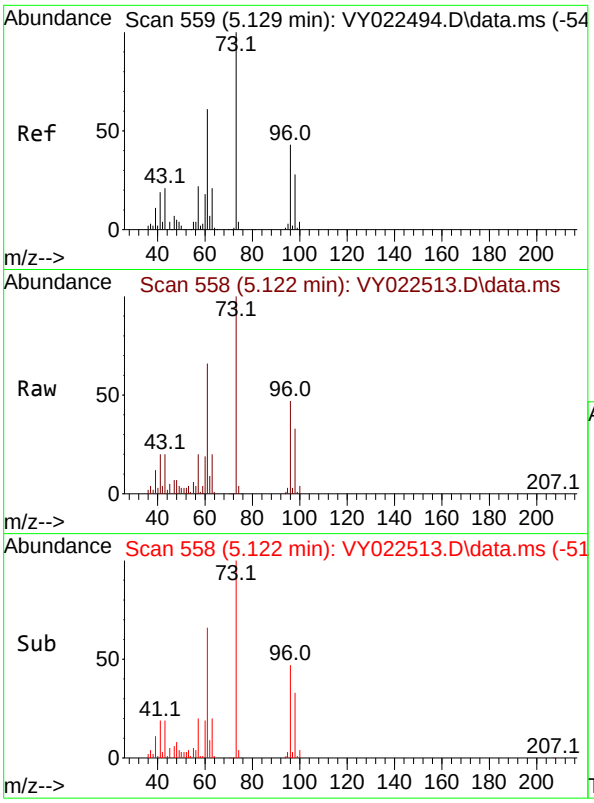


#18
Methyl Acetate
Concen: 20.581 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 27356

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6



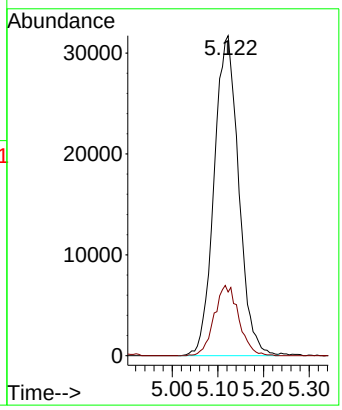


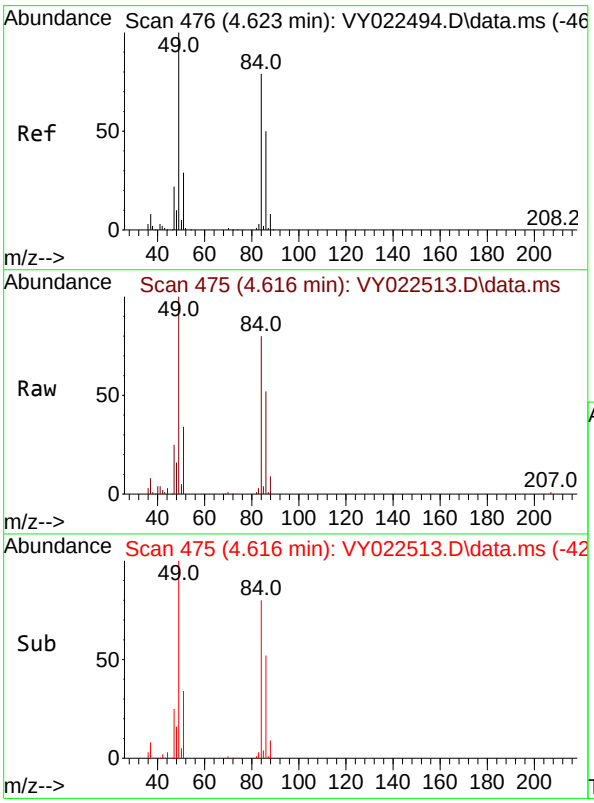
#19
Methyl tert-butyl Ether
Concen: 20.321 ug/l
RT: 5.122 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 73 Resp: 118612

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.4	26.0

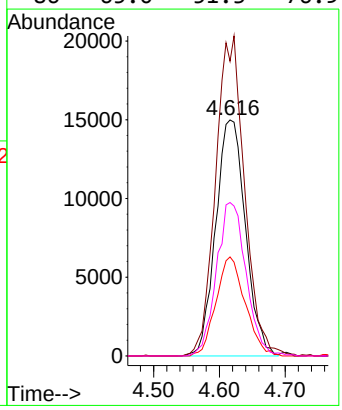


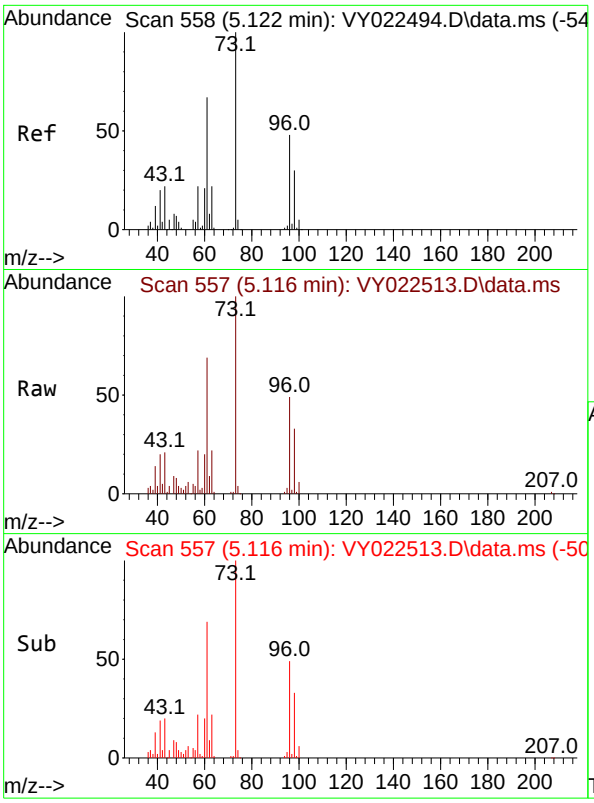


#20
Methylene Chloride
Concen: 18.497 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 84 Resp: 47160

Ion	Ratio	Lower	Upper
84	100		
49	124.9	101.9	152.9
51	42.0	29.8	44.8
86	65.0	51.3	76.9



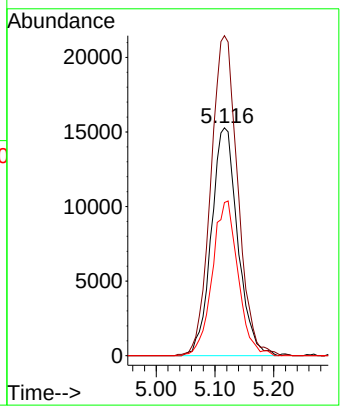


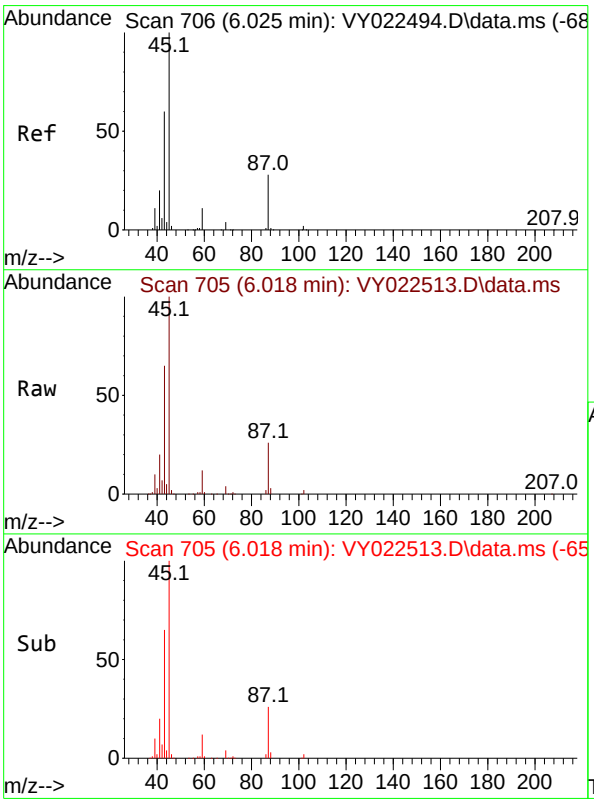
#21
trans-1,2-Dichloroethene
Concen: 20.551 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 96 Resp: 47664

Ion	Ratio	Lower	Upper
96	100		
61	139.9	112.6	169.0
98	67.2	50.6	75.8

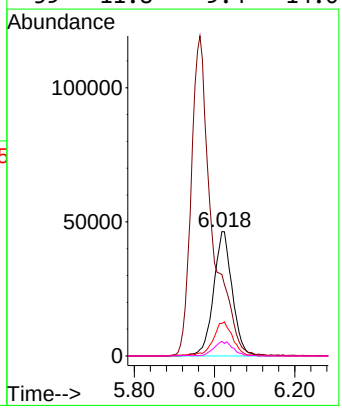


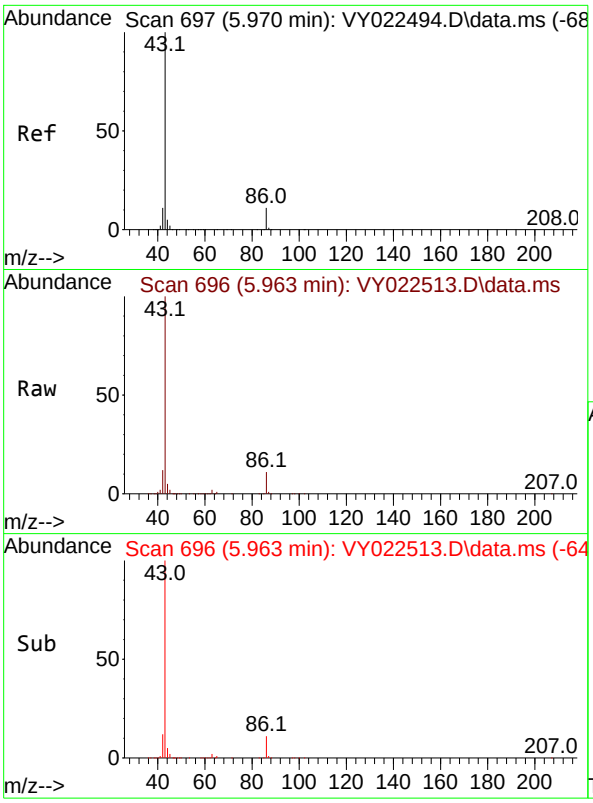


#22
Diisopropyl ether
Concen: 20.737 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 45 Resp: 150165

Ion	Ratio	Lower	Upper
45	100		
43	64.6	48.3	72.5
87	26.1	23.0	34.6
59	11.8	9.4	14.0



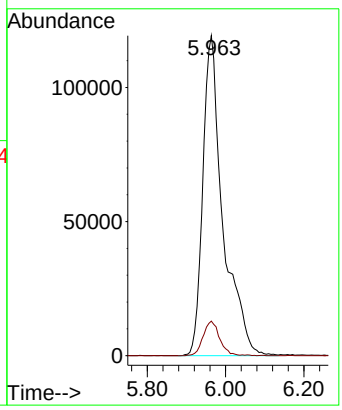


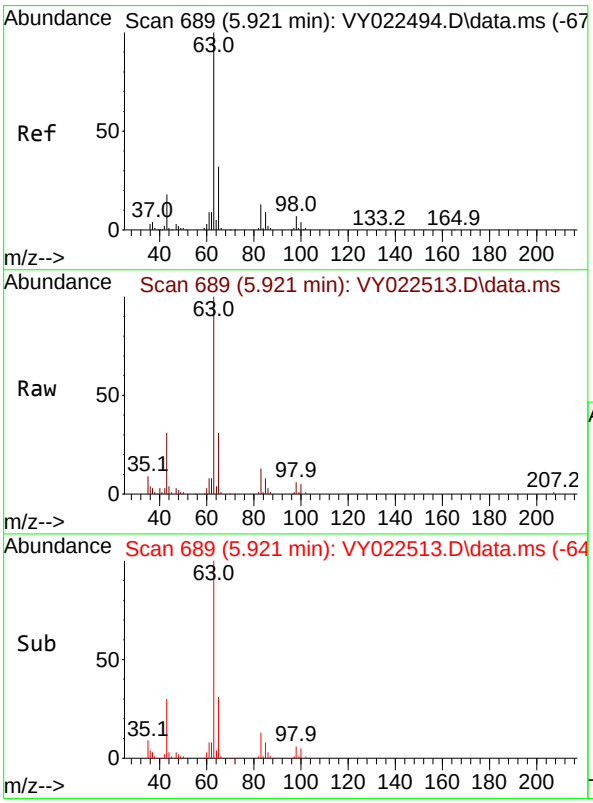
#23
Vinyl Acetate
Concen: 99.247 ug/l
RT: 5.963 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 425369

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	12.8

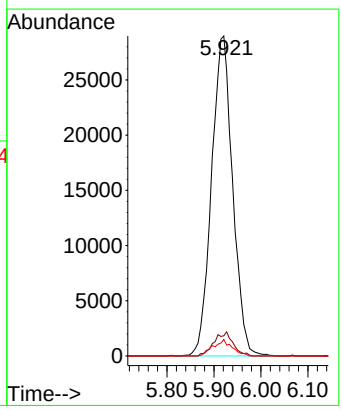


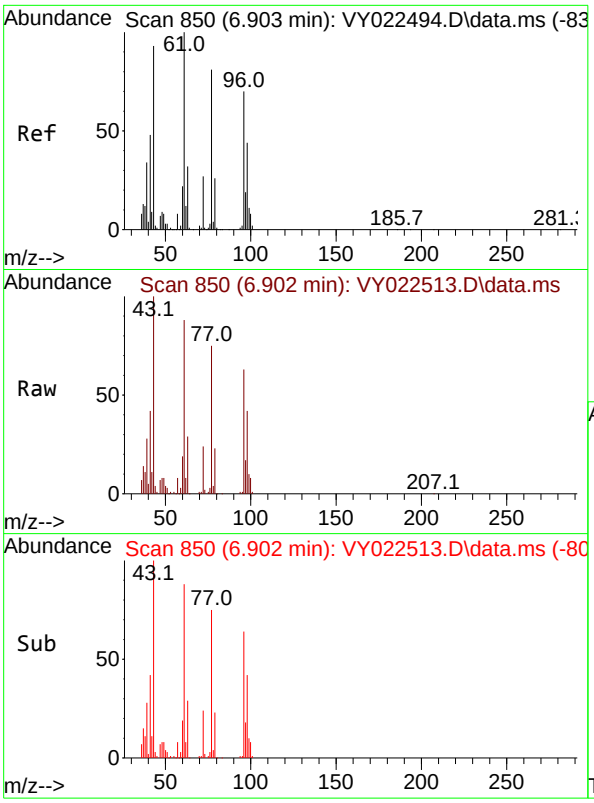


#24
1,1-Dichloroethane
Concen: 21.203 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 90453

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	5.2	2.1	6.3



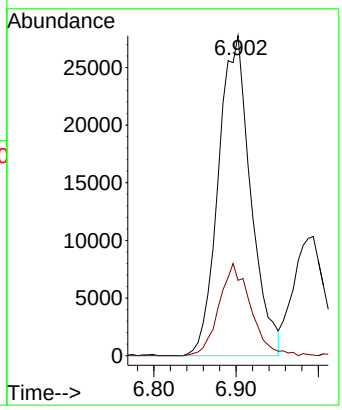


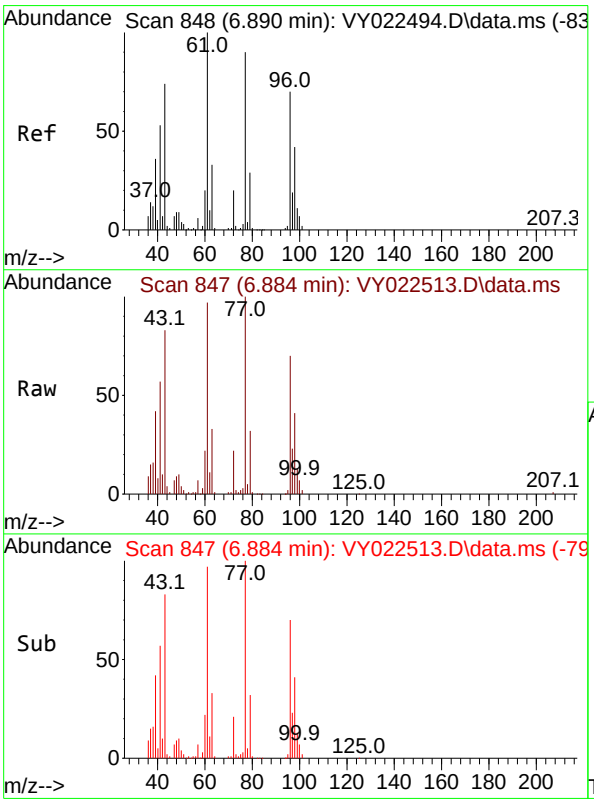
#25
2-Butanone
Concen: 117.421 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 76024

Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.9	34.3

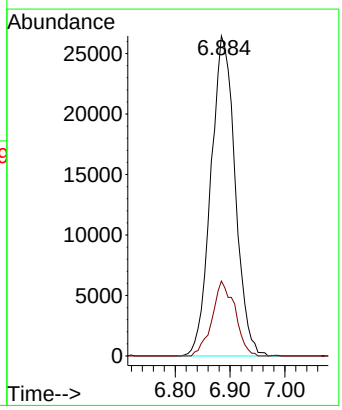


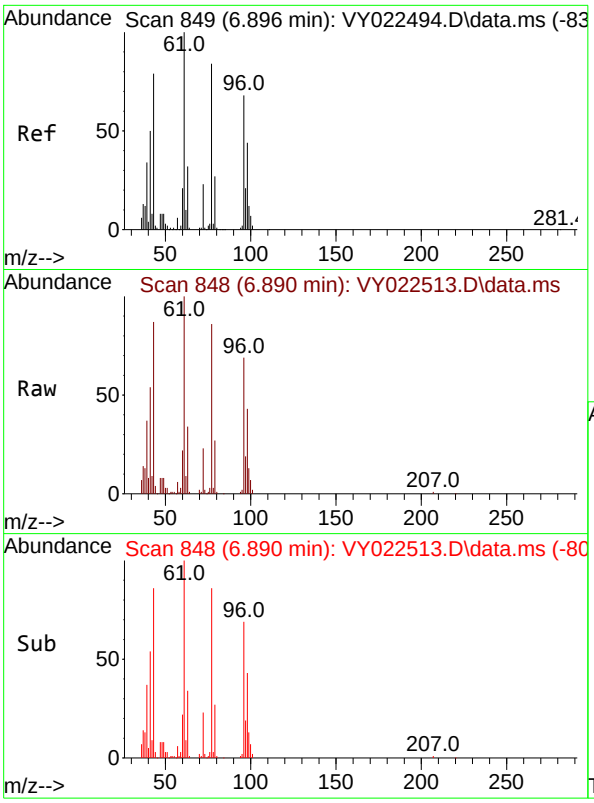


#26
2,2-Dichloropropane
Concen: 21.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 77 Resp: 81323

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



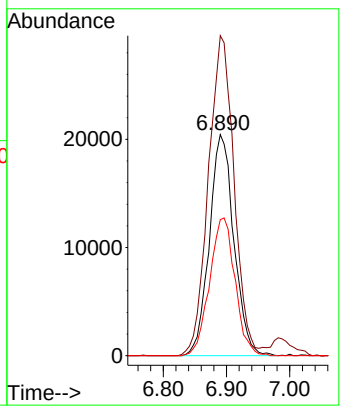


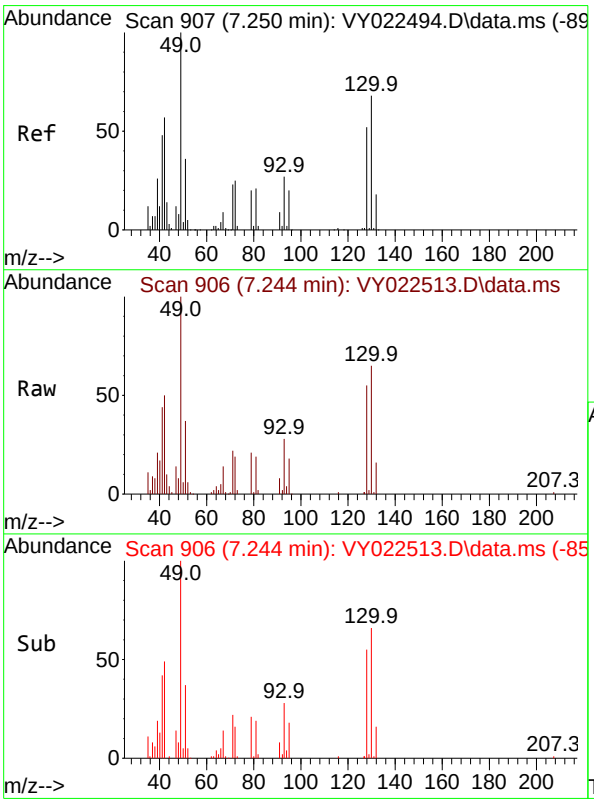
#27
cis-1,2-Dichloroethene
Concen: 20.538 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 96 Resp: 55057

Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	290.0
98	64.5	0.0	128.4

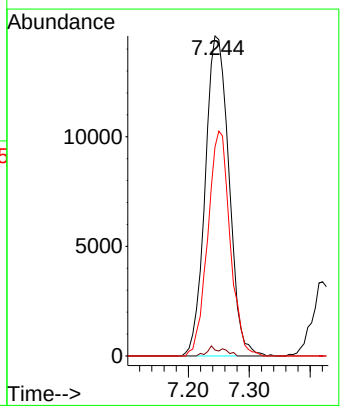


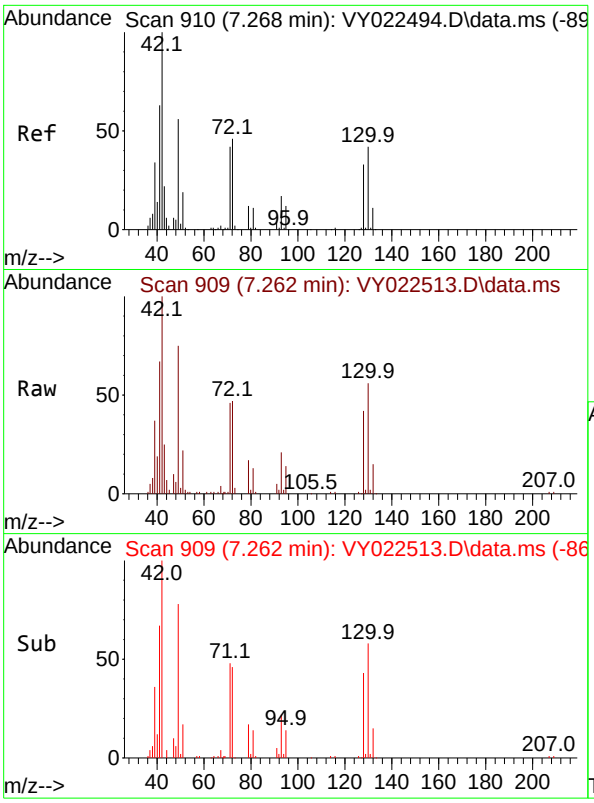


#28
Bromochloromethane
Concen: 21.273 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 49 Resp: 39559

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	66.0	55.7	83.5



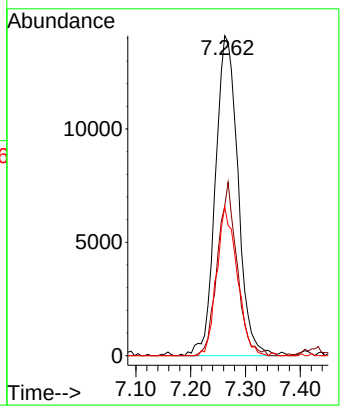


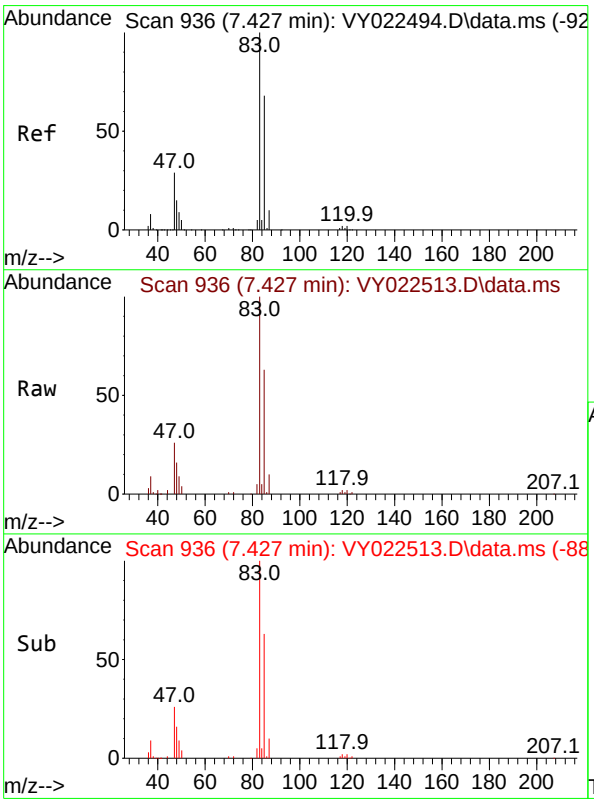
#29
Tetrahydrofuran
Concen: 96.924 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 42 Resp: 40474

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	42.2	34.2	51.2

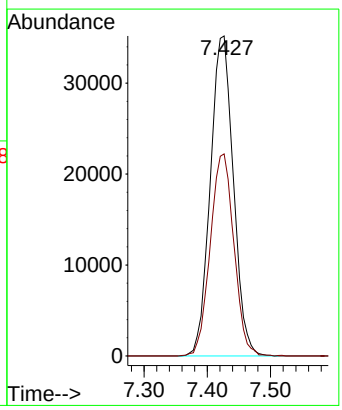


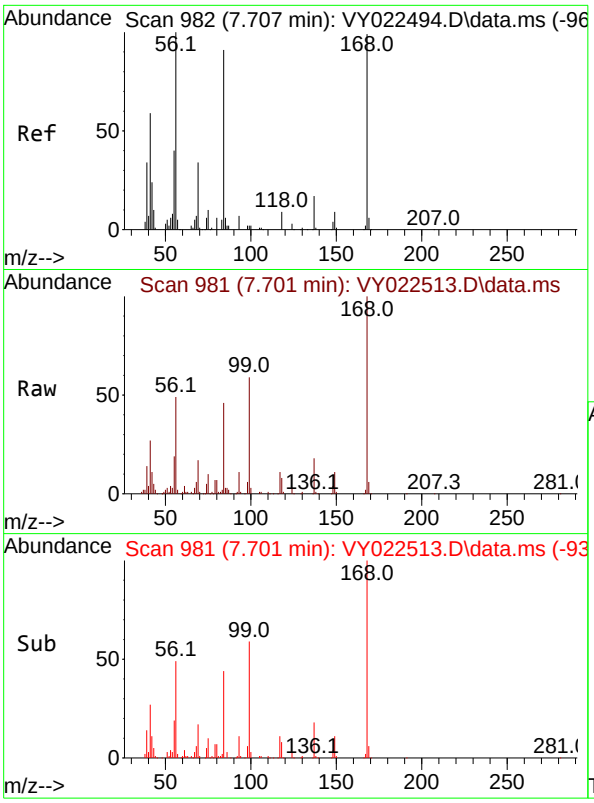


#30
Chloroform
Concen: 21.055 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 83 Resp: 88966

Ion	Ratio	Lower	Upper
83	100		
85	63.1	54.2	81.4



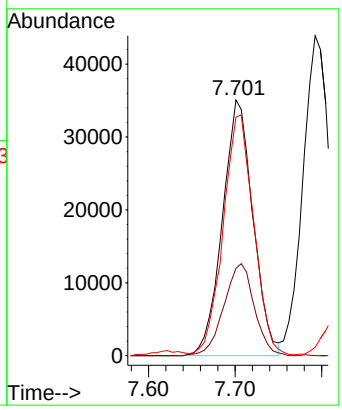


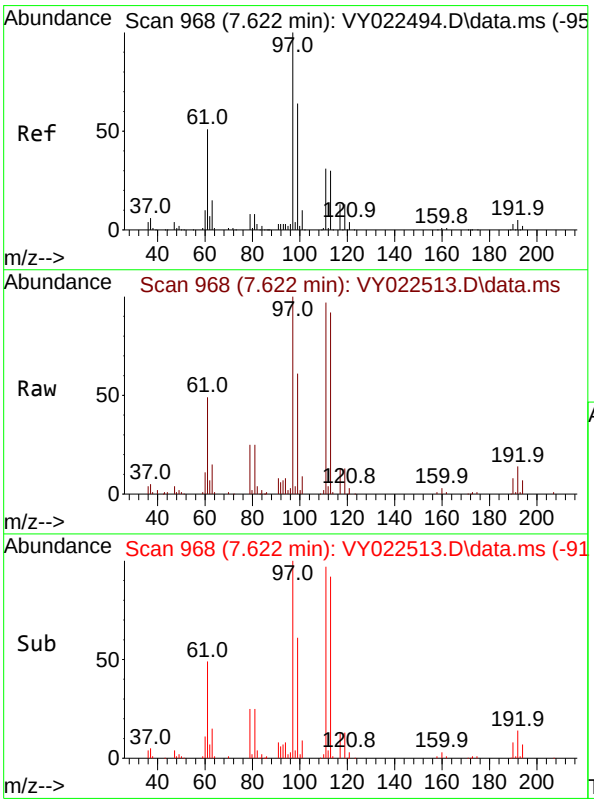
#31
Cyclohexane
Concen: 20.219 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 56 Resp: 85871

Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.0	40.6
84	91.7	72.6	109.0

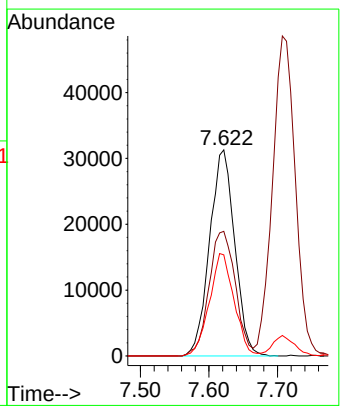


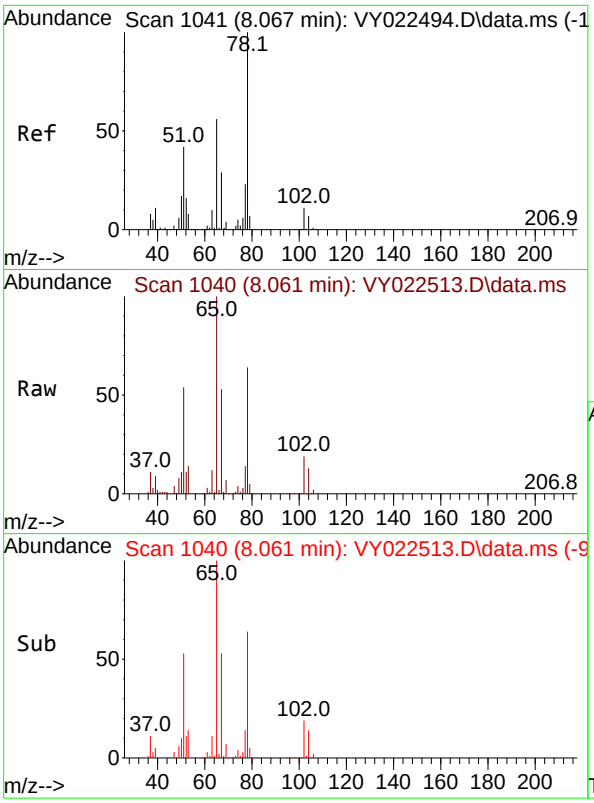


#32
1,1,1-Trichloroethane
Concen: 21.222 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 97 Resp: 79604

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	48.9	38.5	57.7



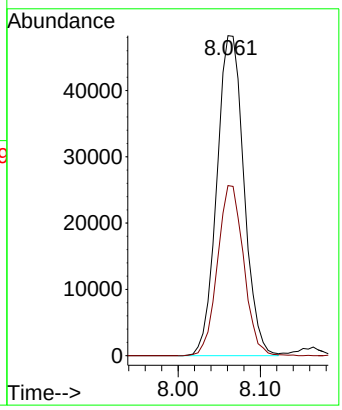


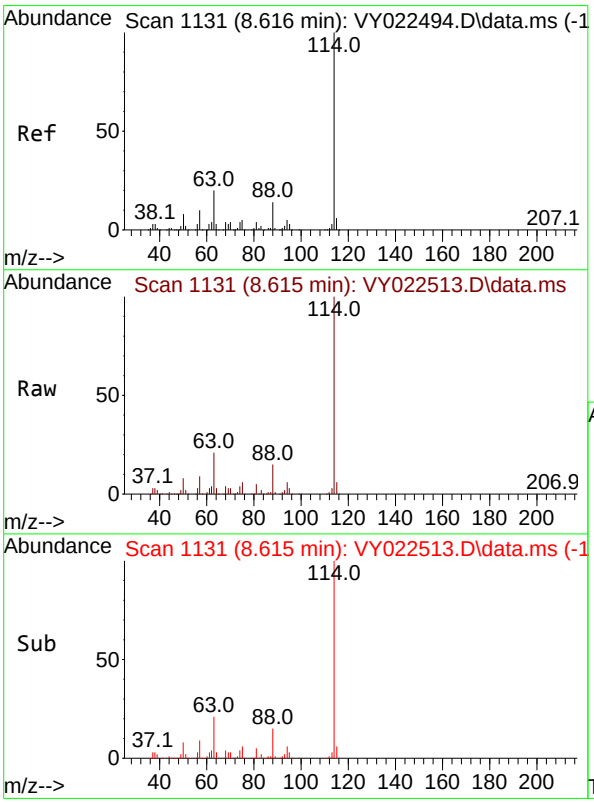
#33
1,2-Dichloroethane-d4
Concen: 49.971 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 65 Resp: 110445

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4

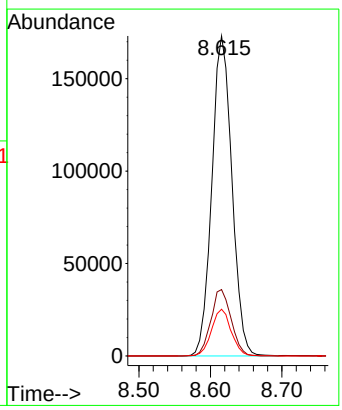


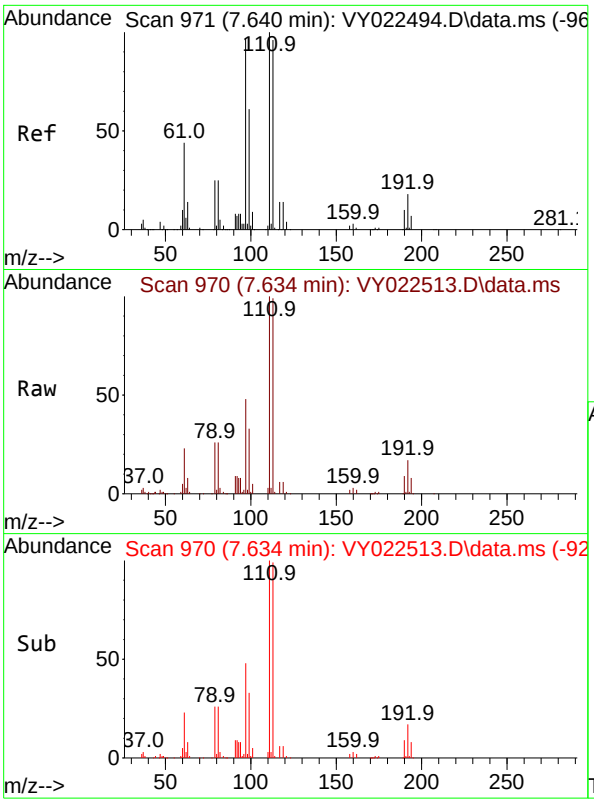


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:114 Resp: 337632

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	14.6	0.0	27.8



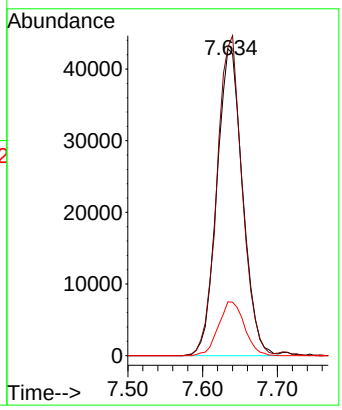


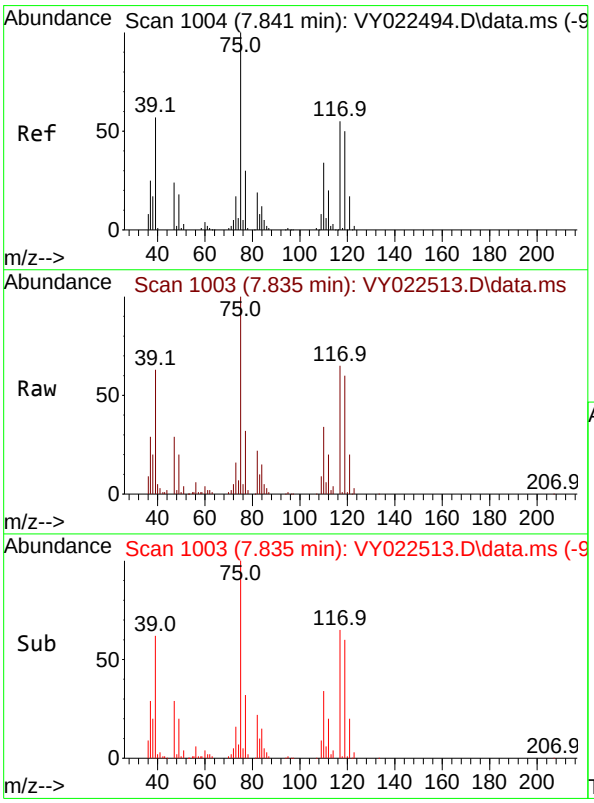
#35
Dibromofluoromethane
Concen: 51.020 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:113 Resp: 102818

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	17.7	14.2	21.2

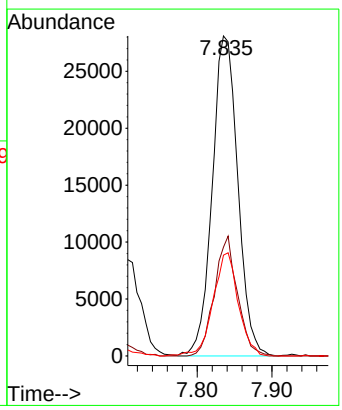


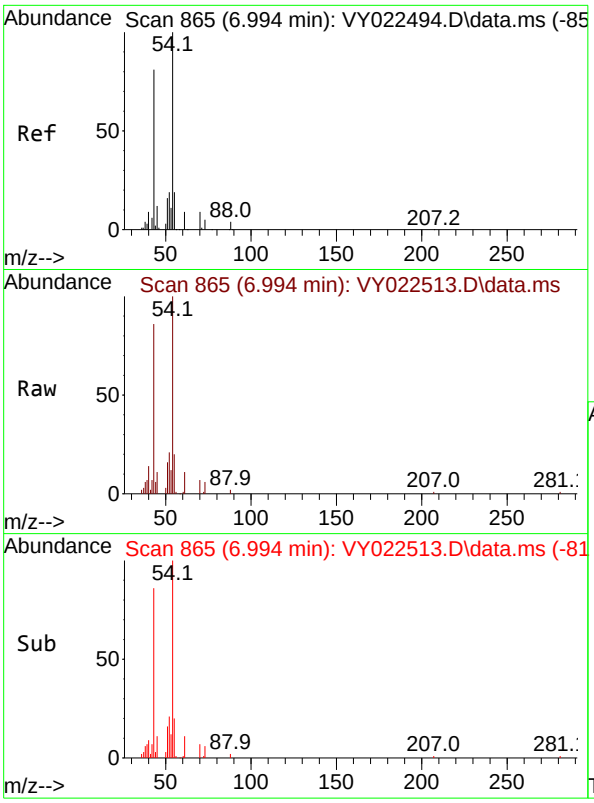


#36
1,1-Dichloropropene
Concen: 20.451 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 66890

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.7	24.8	37.2



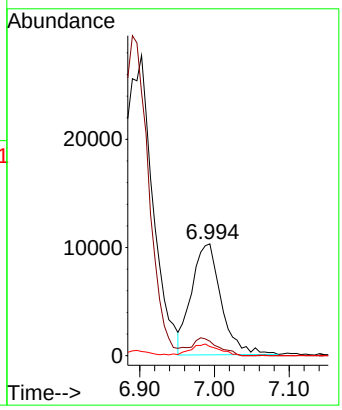


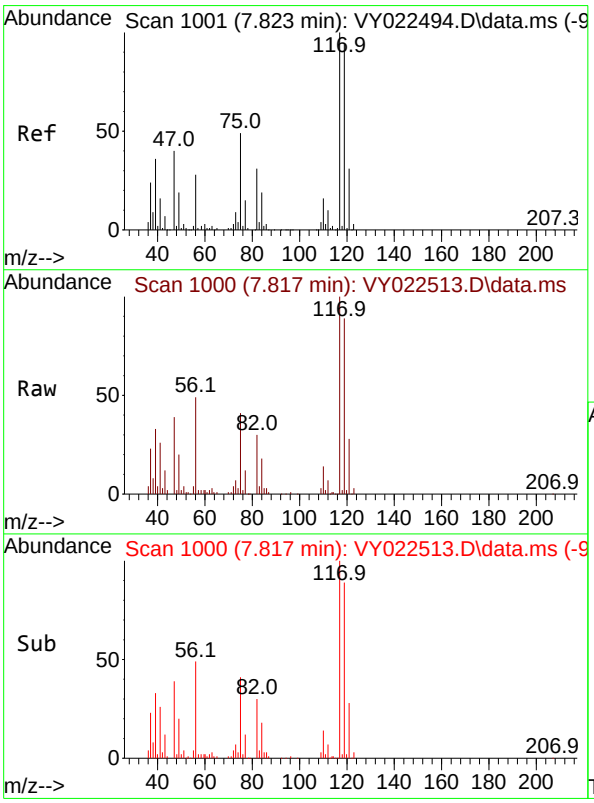
#37
Ethyl Acetate
Concen: 19.388 ug/l
RT: 6.994 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 28280

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	10.0	7.2	10.8

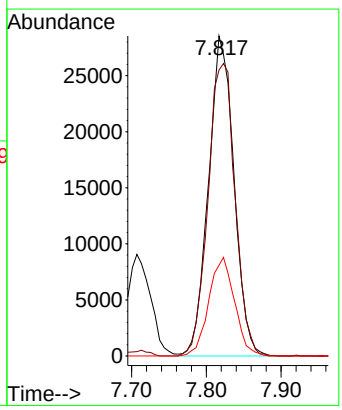


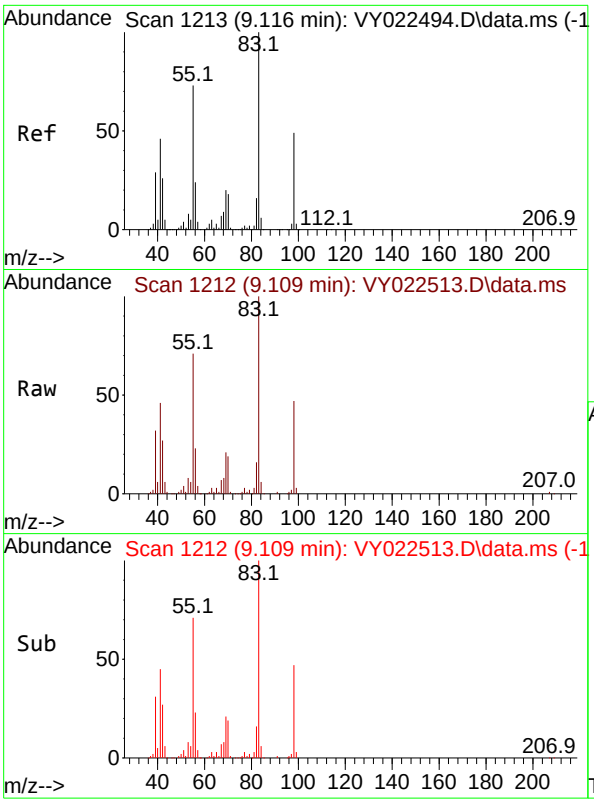


#38
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:117 Resp: 67799

Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.0	112.6
121	28.3	25.0	37.4



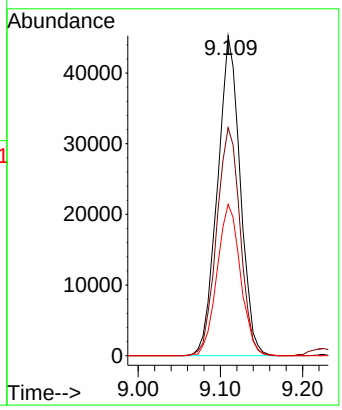


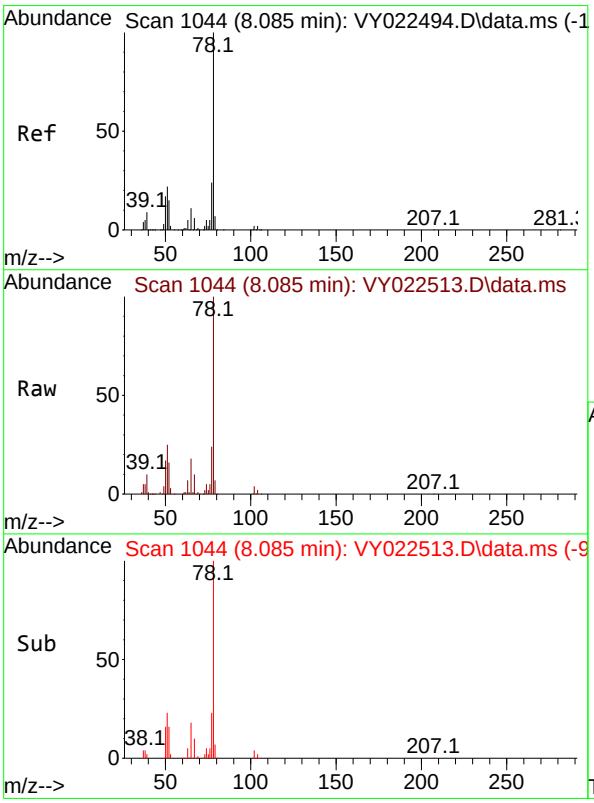
#39
Methylcyclohexane
Concen: 19.805 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 83 Resp: 87053

Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.1	87.1
98	47.3	39.0	58.6

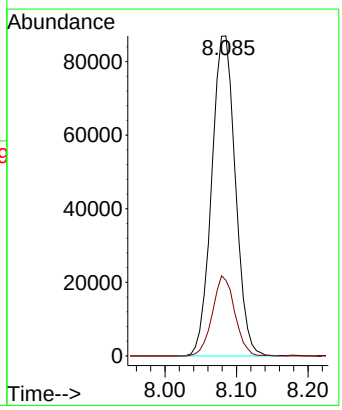


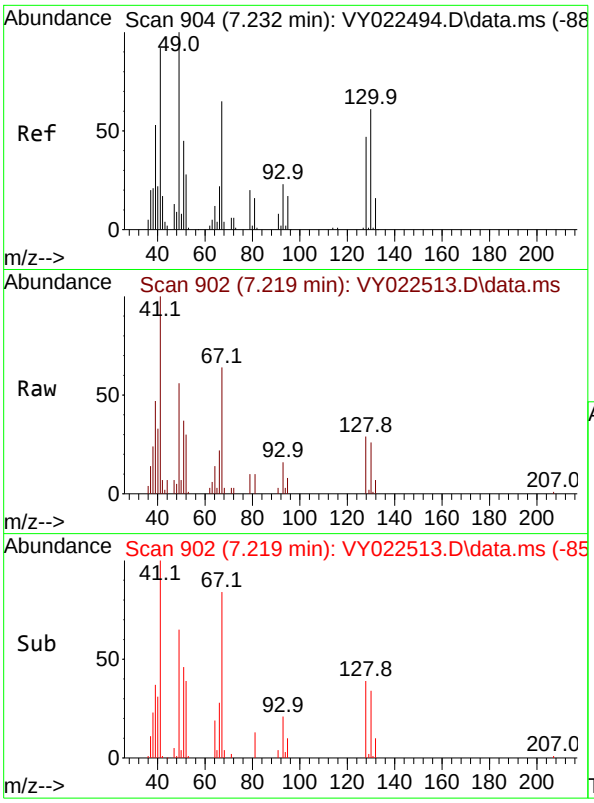


#40
Benzene
Concen: 20.720 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 78 Resp: 200164

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9



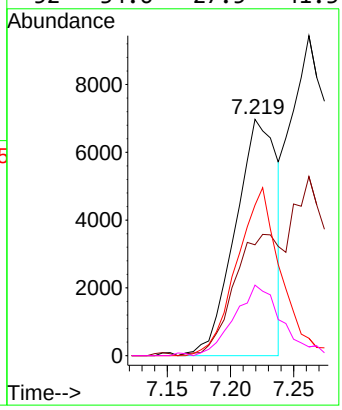


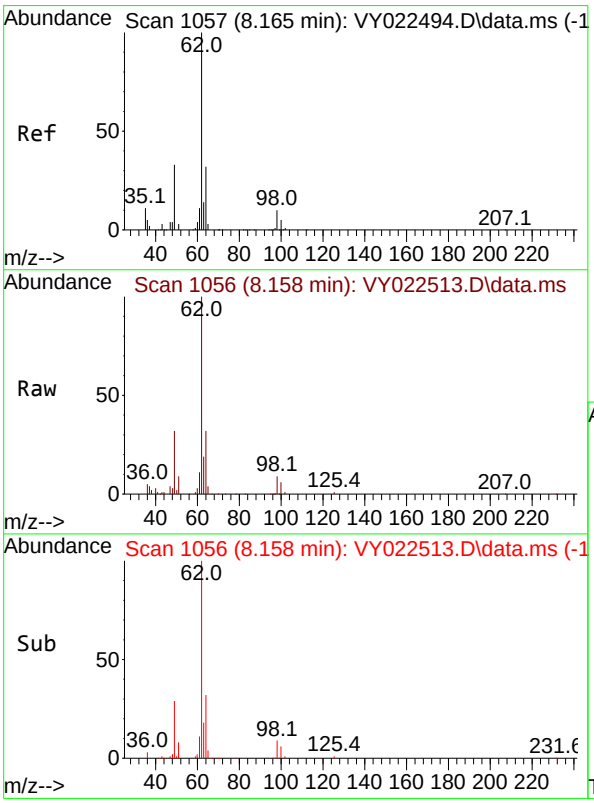
#41
Methacrylonitrile
Concen: 18.701 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 41 Resp: 15933

Ion	Ratio	Lower	Upper
41	100		
39	61.7	46.6	69.8
67	74.4	63.3	94.9
52	34.6	27.5	41.3

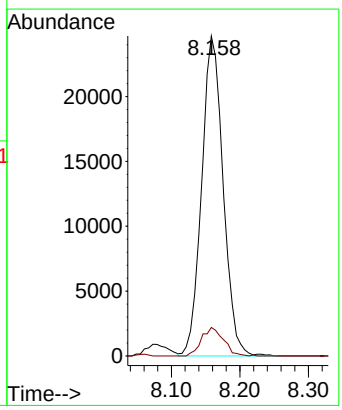


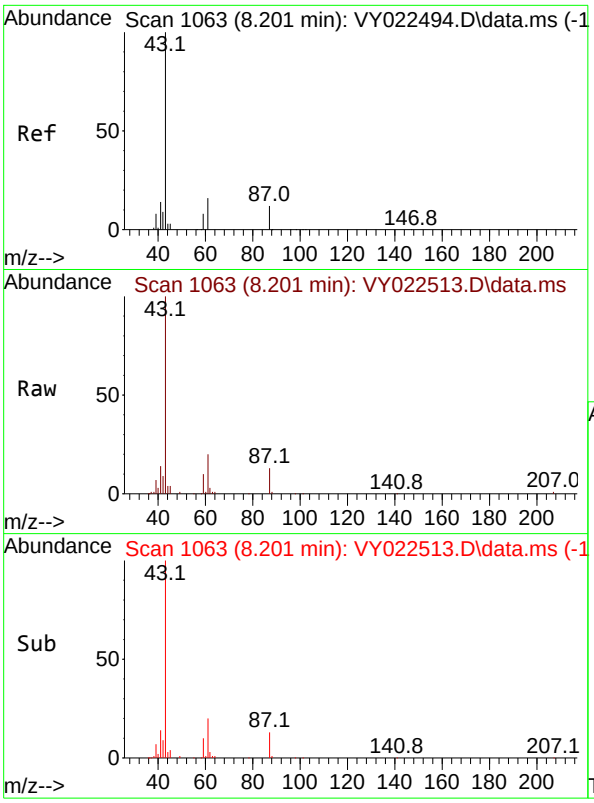


#42
1,2-Dichloroethane
Concen: 20.443 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 62 Resp: 53923

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2



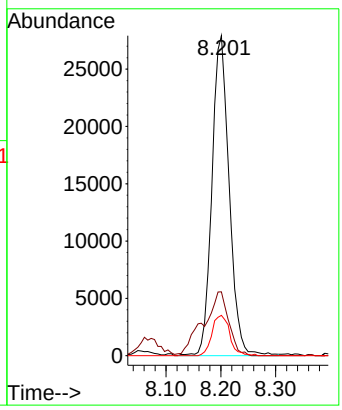


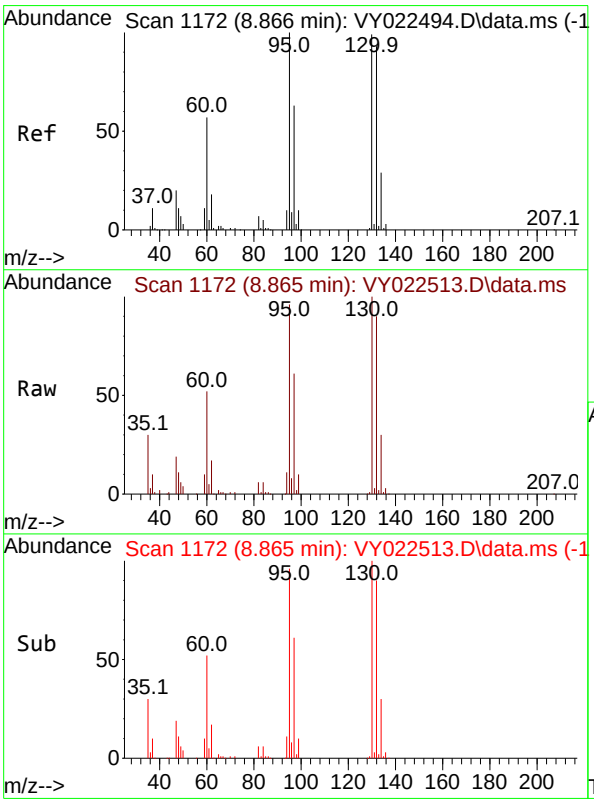
#43
Isopropyl Acetate
Concen: 19.359 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 60985

Ion	Ratio	Lower	Upper
43	100		
61	29.4	15.6	23.4#
87	13.0	10.2	15.4

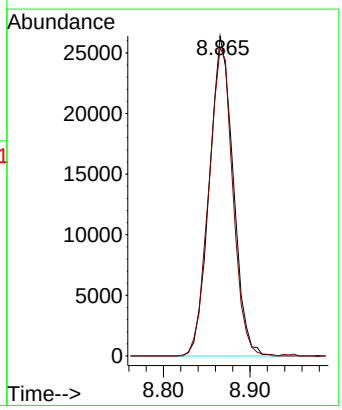


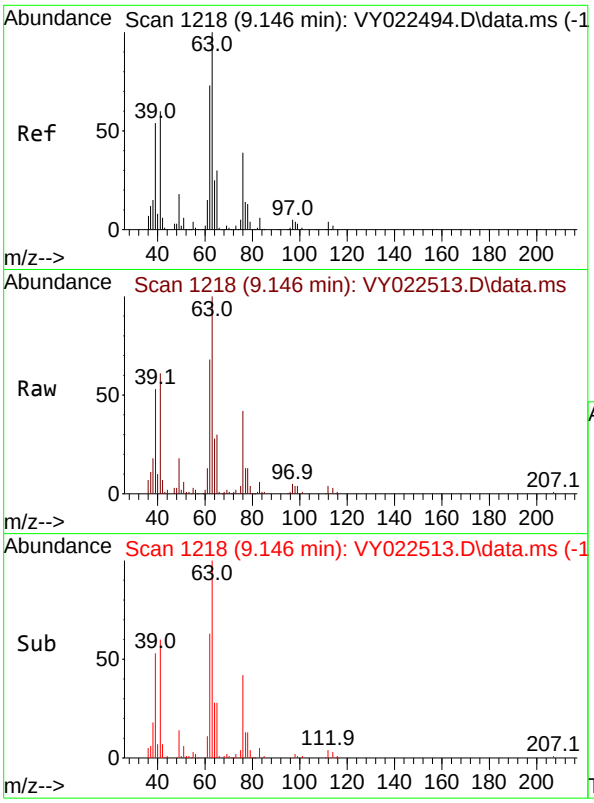


#44
Trichloroethene
Concen: 21.344 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:130 Resp: 50394

Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	203.0



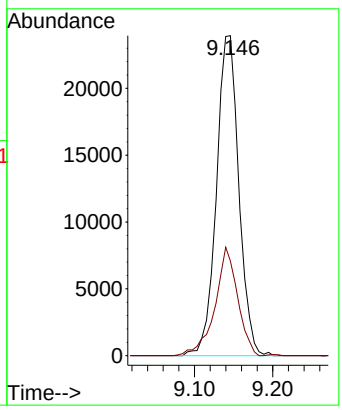


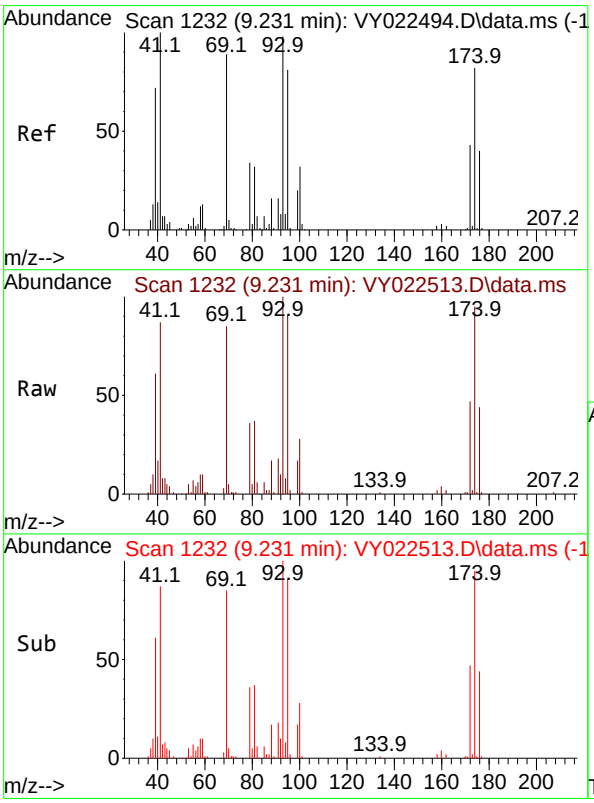
#45
1,2-Dichloropropane
Concen: 20.860 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 63 Resp: 47626

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.0	36.0

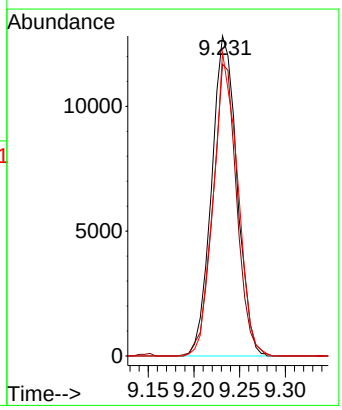


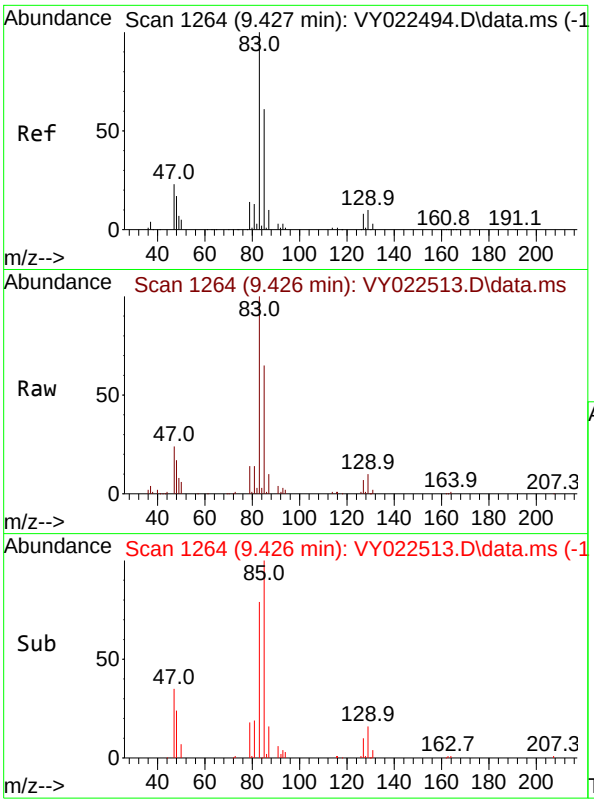


#46
Dibromomethane
Concen: 19.368 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 93 Resp: 24877

Ion	Ratio	Lower	Upper
93	100		
95	85.7	65.6	98.4
174	90.3	70.4	105.6



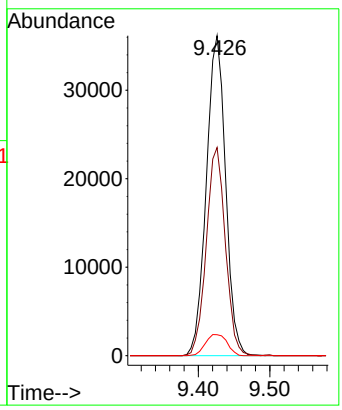


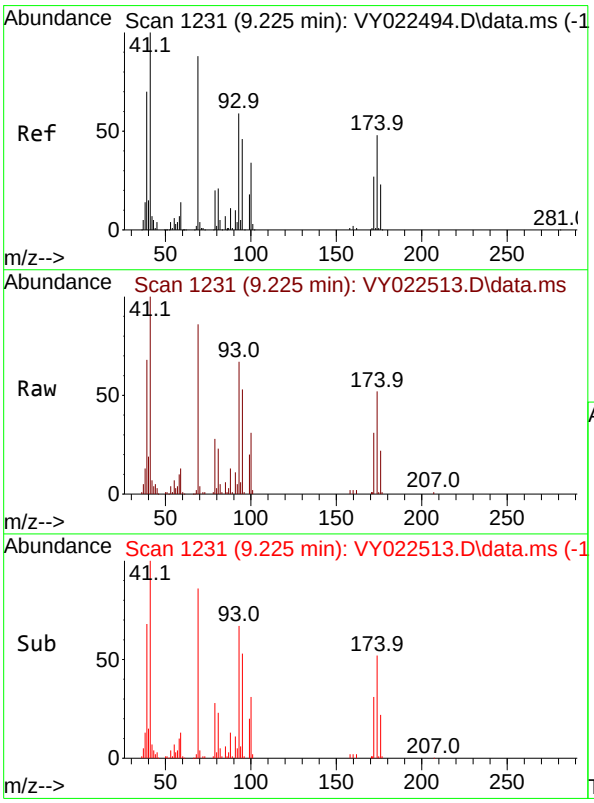
#47
Bromodichloromethane
Concen: 20.778 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 83 Resp: 67673

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.1	73.7
127	6.6	6.2	9.4

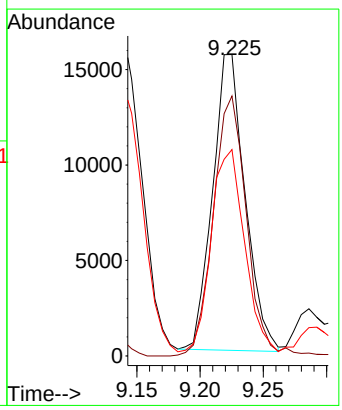


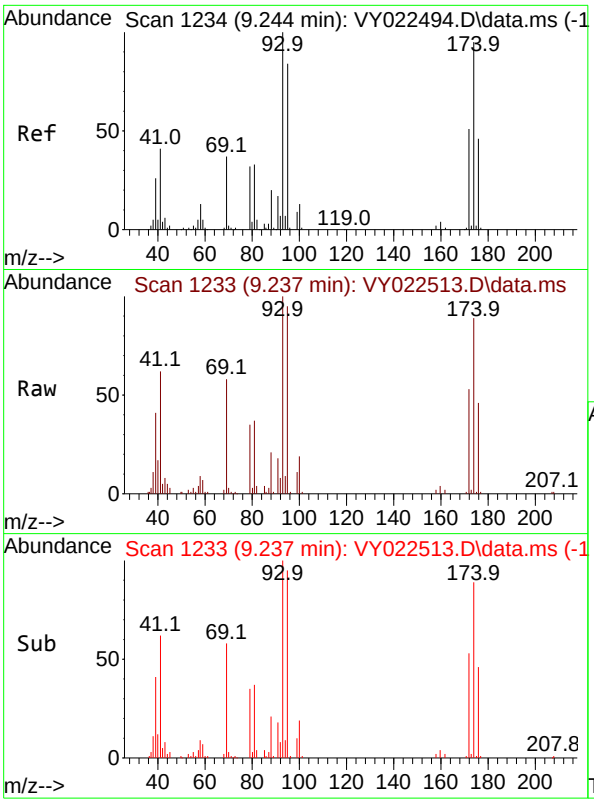


#48
Methyl methacrylate
Concen: 18.707 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 27658

Ion	Ratio	Lower	Upper
41	100		
69	90.0	67.8	101.8
39	70.2	55.0	82.4



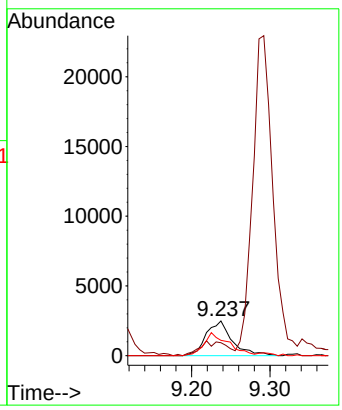


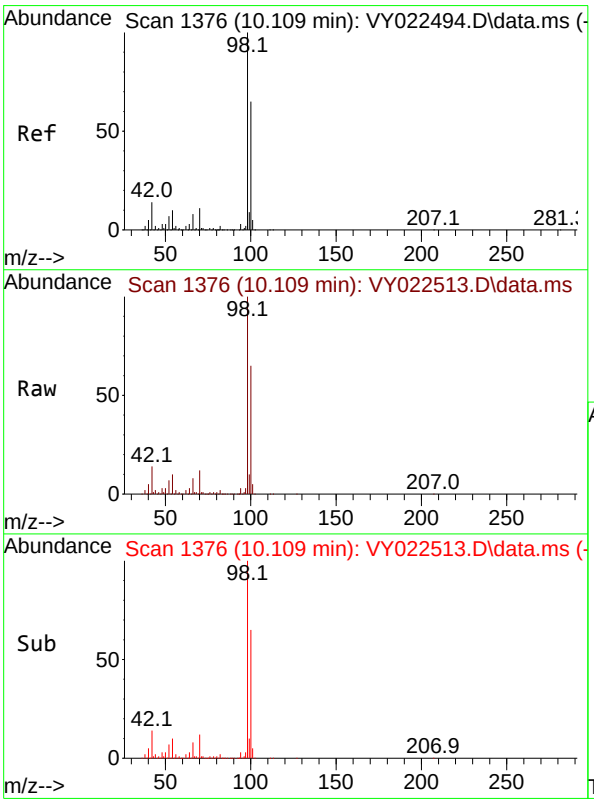
#49
1,4-Dioxane
Concen: 378.003 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 88 Resp: 5752

Ion	Ratio	Lower	Upper
88	100		
43	21.3	25.4	38.2#
58	62.2	54.9	82.3

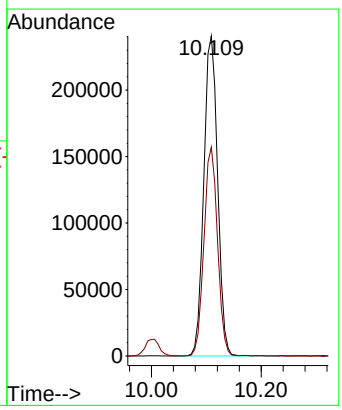


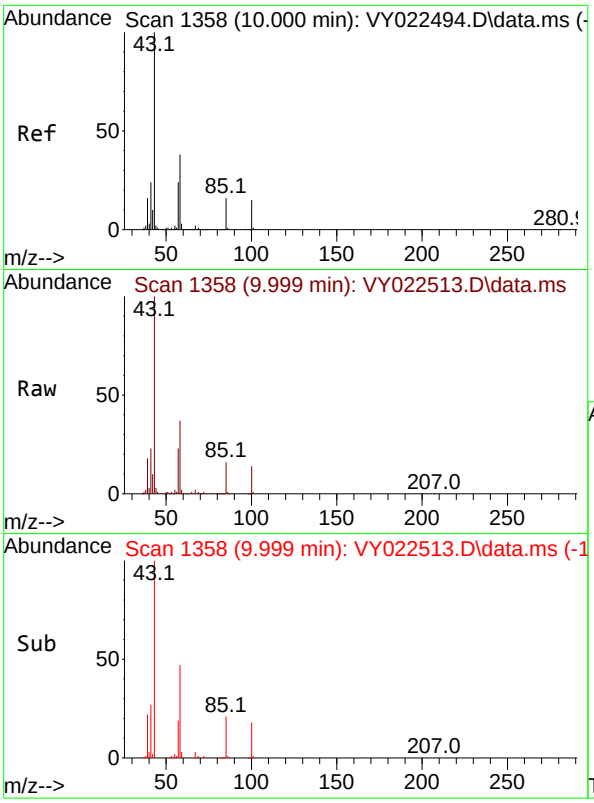


#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 98 Resp: 418973

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



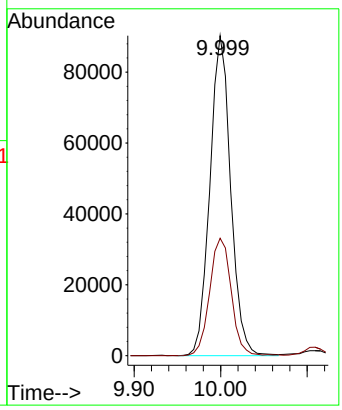


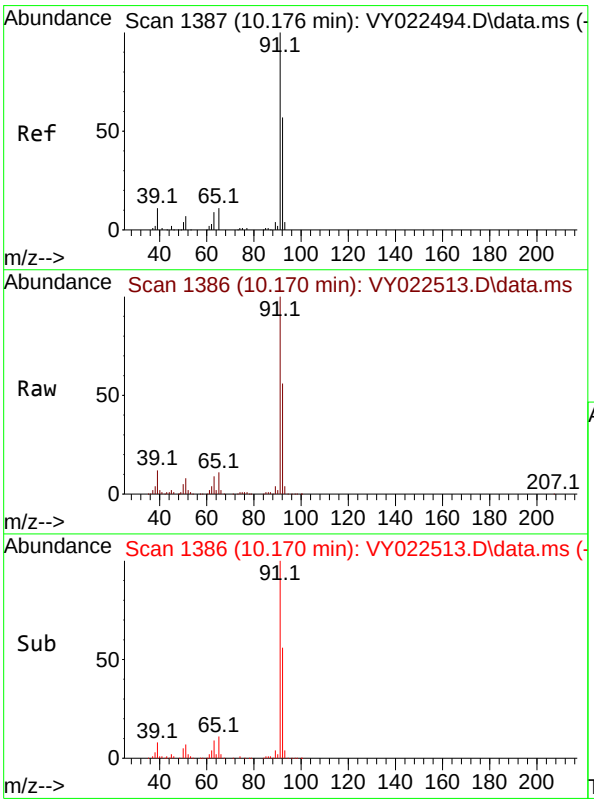
#51
4-Methyl-2-Pentanone
Concen: 95.984 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 150751

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6

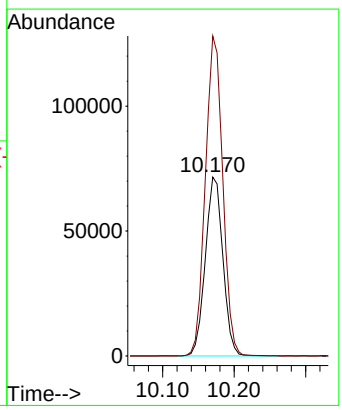


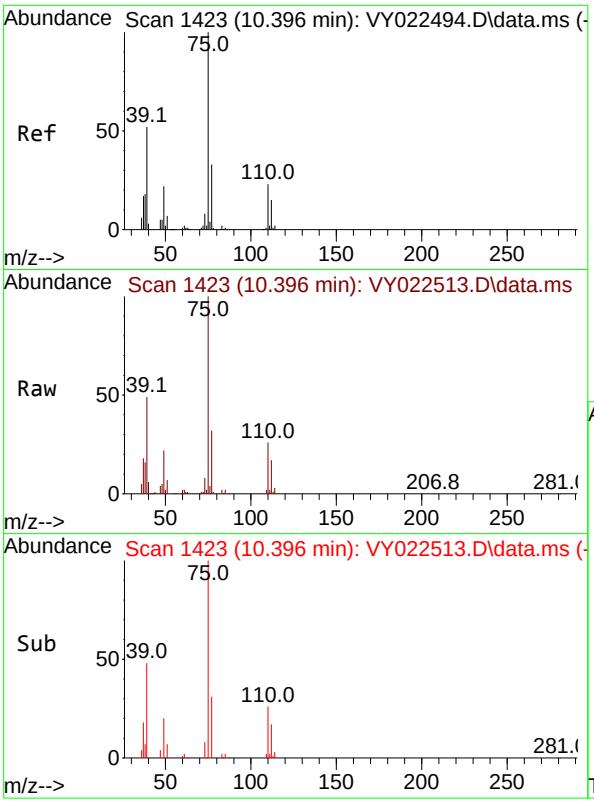


#52
Toluene
Concen: 20.145 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 92 Resp: 122301

Ion	Ratio	Lower	Upper
92	100		
91	177.1	139.0	208.4



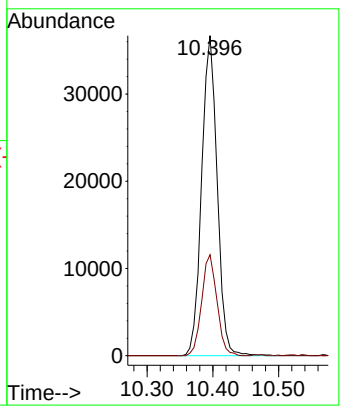


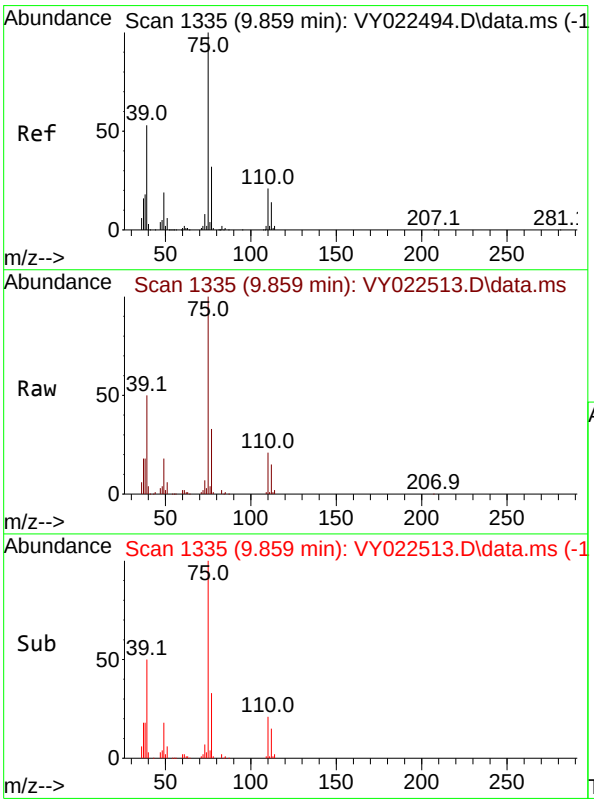
#53
t-1,3-Dichloropropene
Concen: 19.703 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 75 Resp: 60125

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.5	39.7

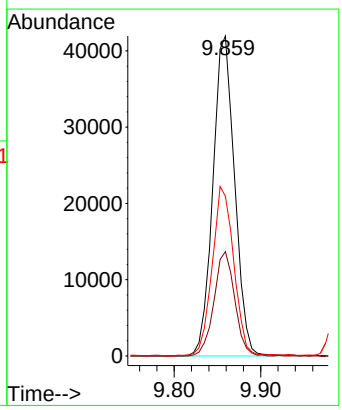


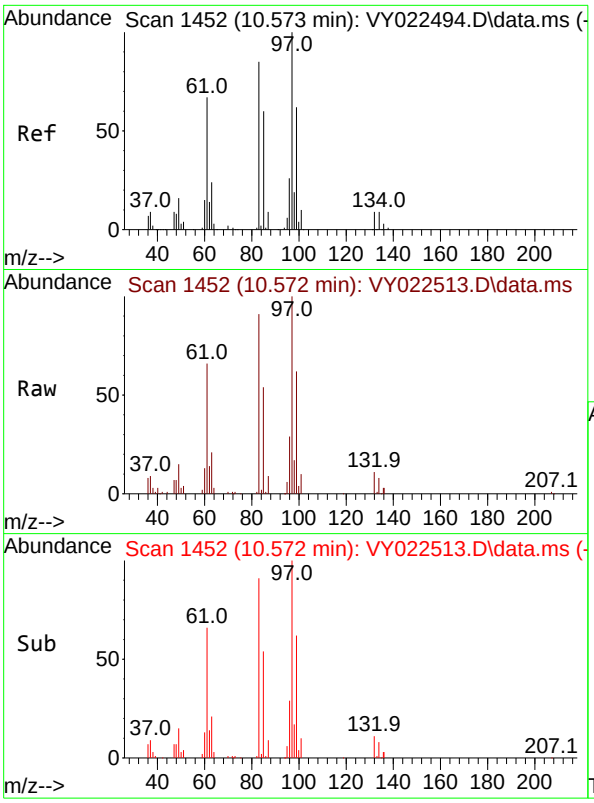


#54
cis-1,3-Dichloropropene
Concen: 20.581 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 73109

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
39	49.7	42.7	64.1



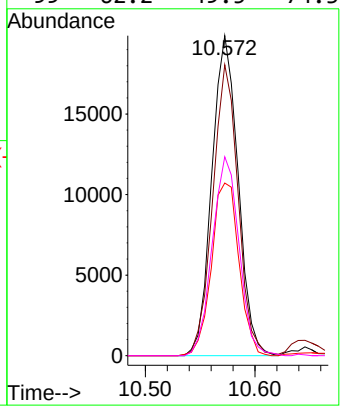


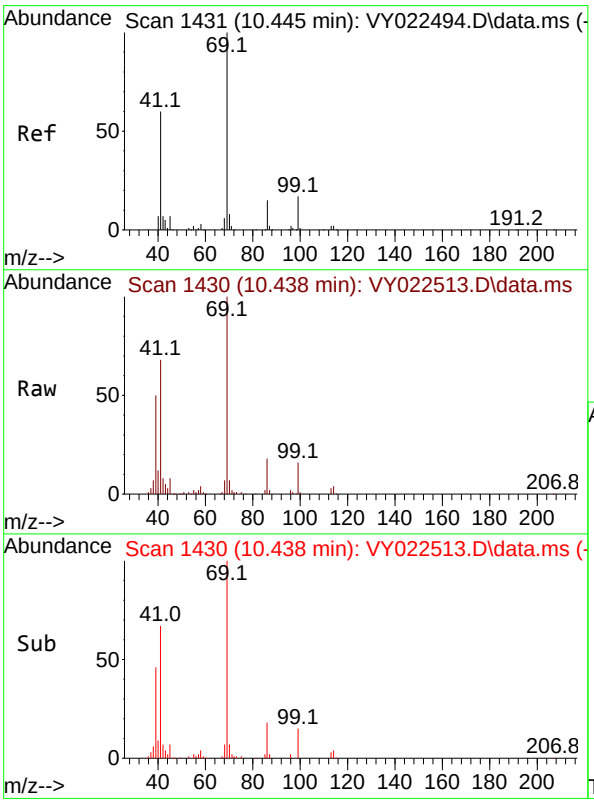
#55
1,1,2-Trichloroethane
Concen: 20.154 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 97 Resp: 33009

Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.1	102.1
85	53.9	48.2	72.2
99	62.2	49.5	74.3

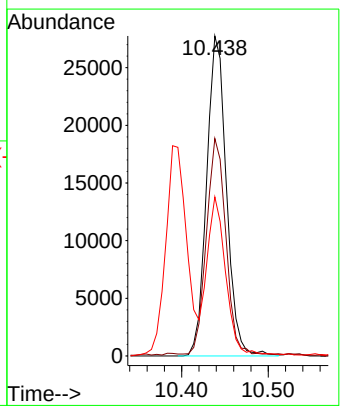


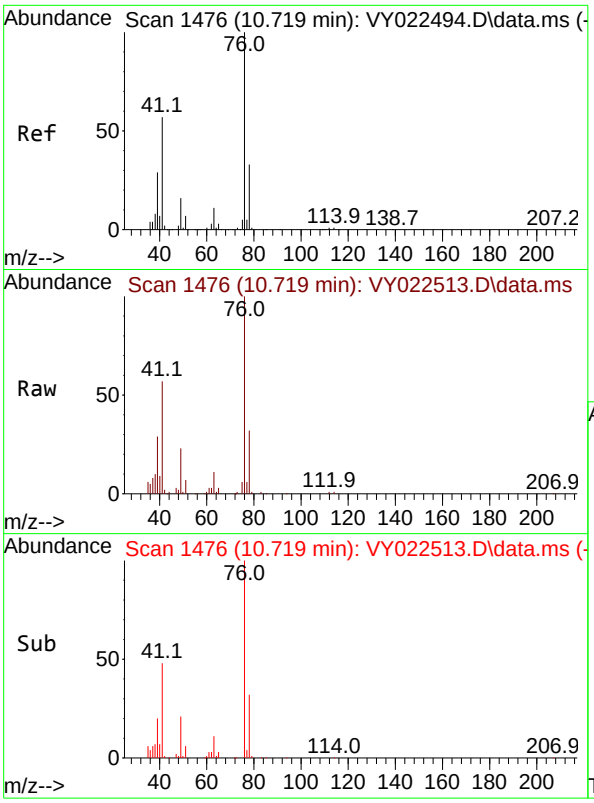


#56
Ethyl methacrylate
Concen: 18.609 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 69 Resp: 44052

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	46.7	36.7	55.1



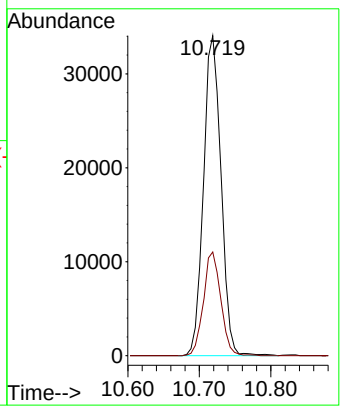


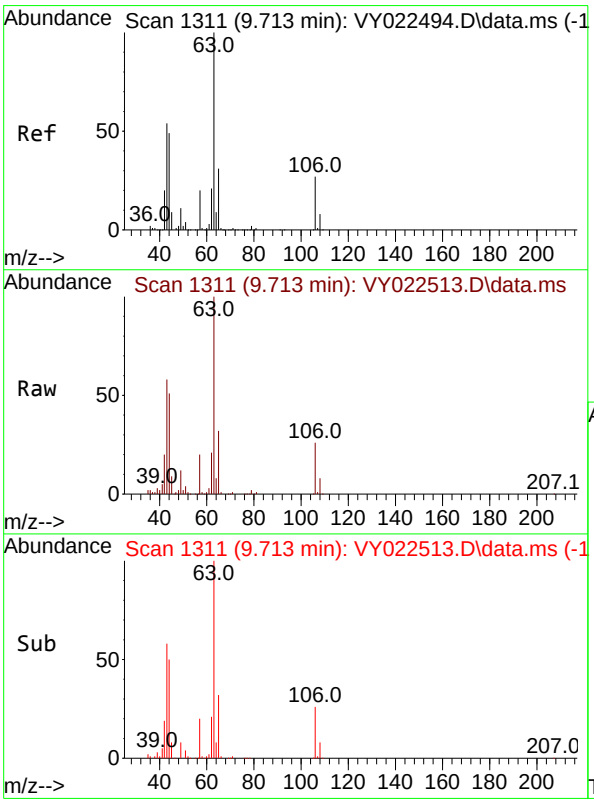
#57
1,3-Dichloropropane
Concen: 19.947 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 76 Resp: 57905

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

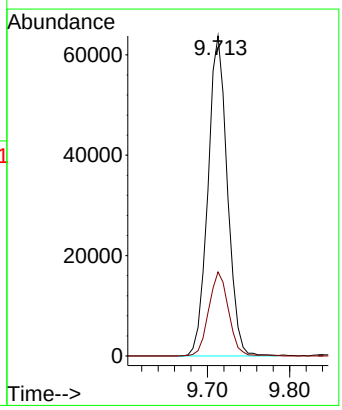


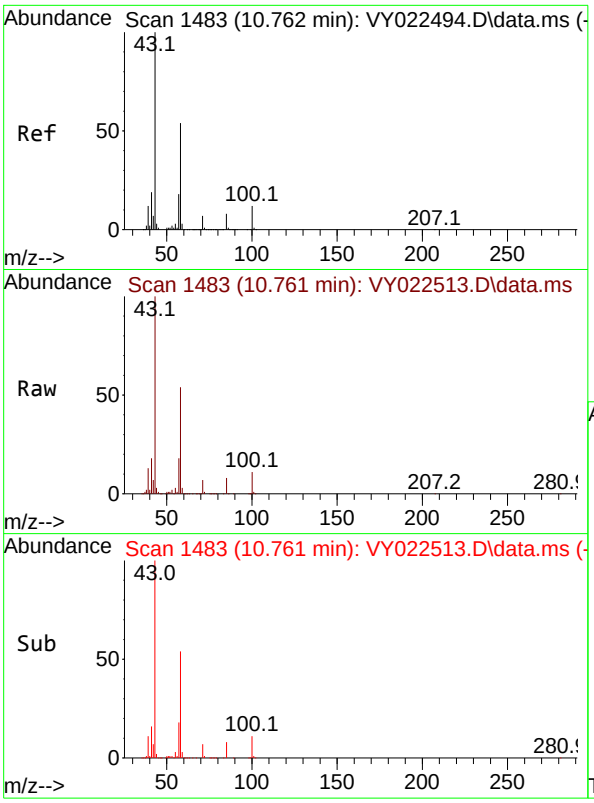


#58
2-Chloroethyl Vinyl ether
Concen: 97.502 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 104791

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



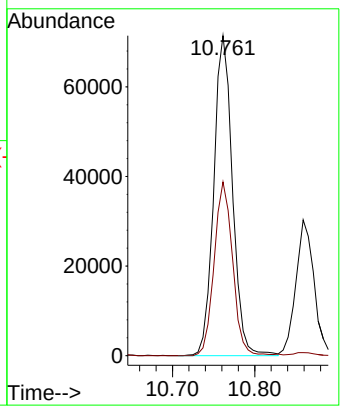


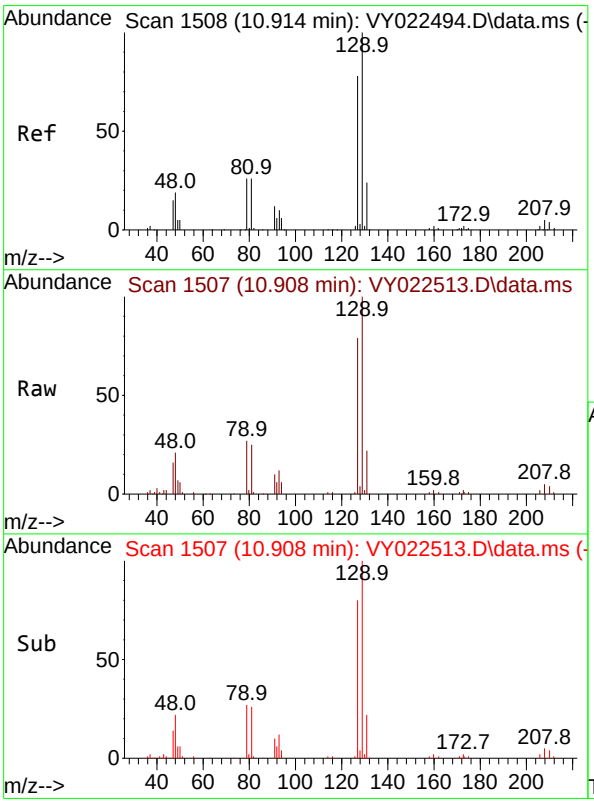
#59
2-Hexanone
Concen: 107.655 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 43 Resp: 113080

Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.3	81.8

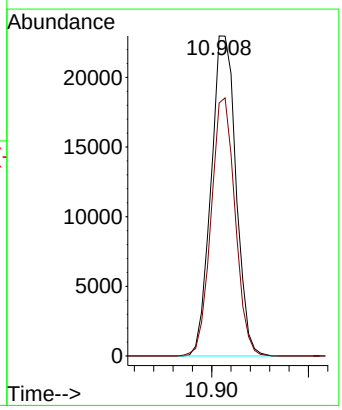


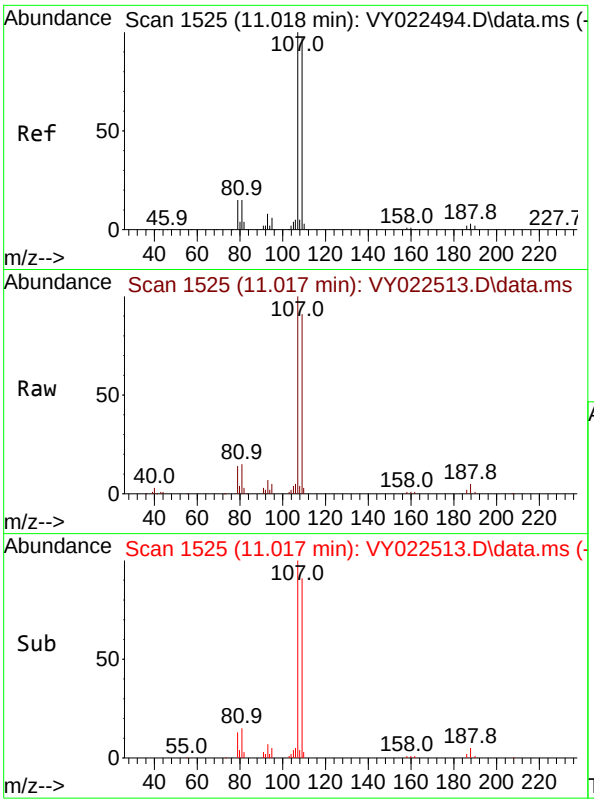


#60
Dibromochloromethane
Concen: 19.776 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:129 Resp: 41162

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.2



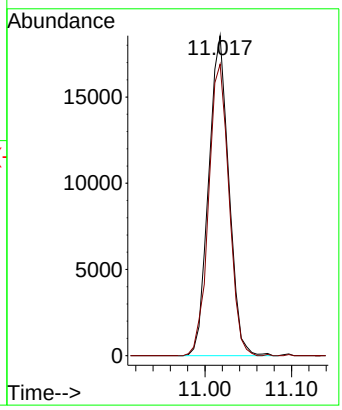


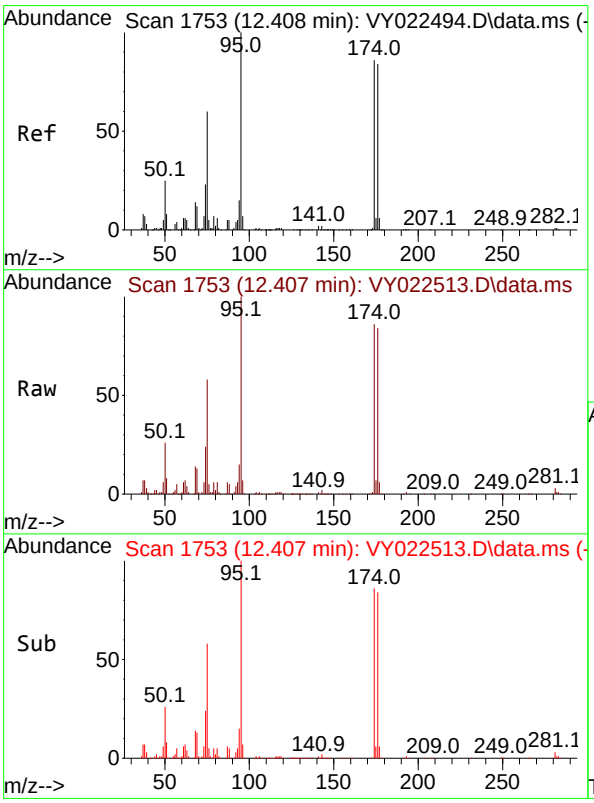
#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 11.017 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:107 Resp: 30056

Ion	Ratio	Lower	Upper
107	100		
109	91.8	77.7	116.5

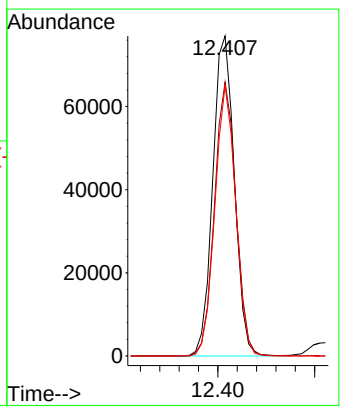


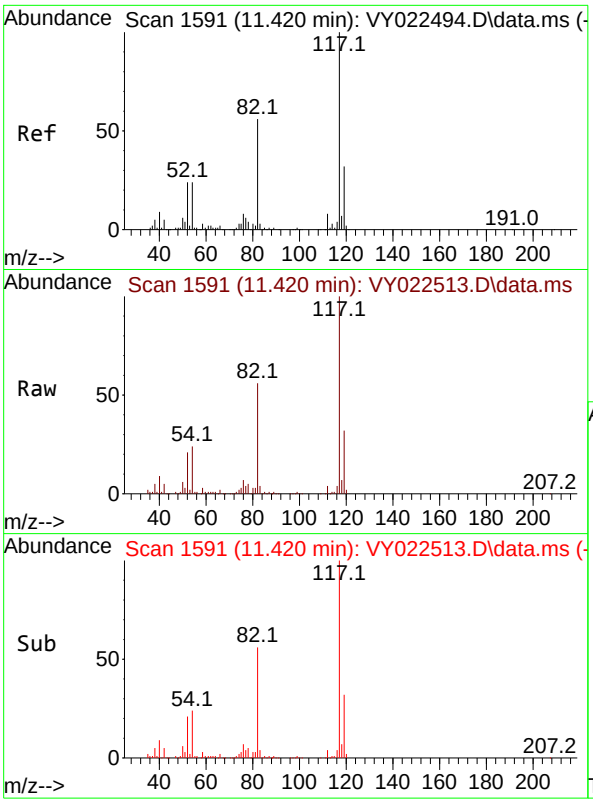


#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 95 Resp: 118916

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	170.0
176	81.7	0.0	166.2



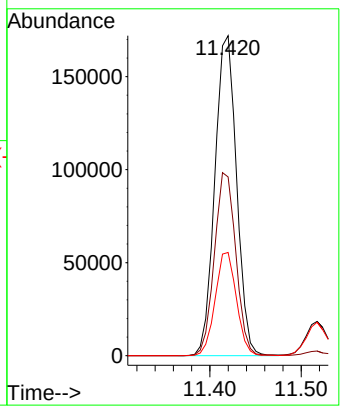


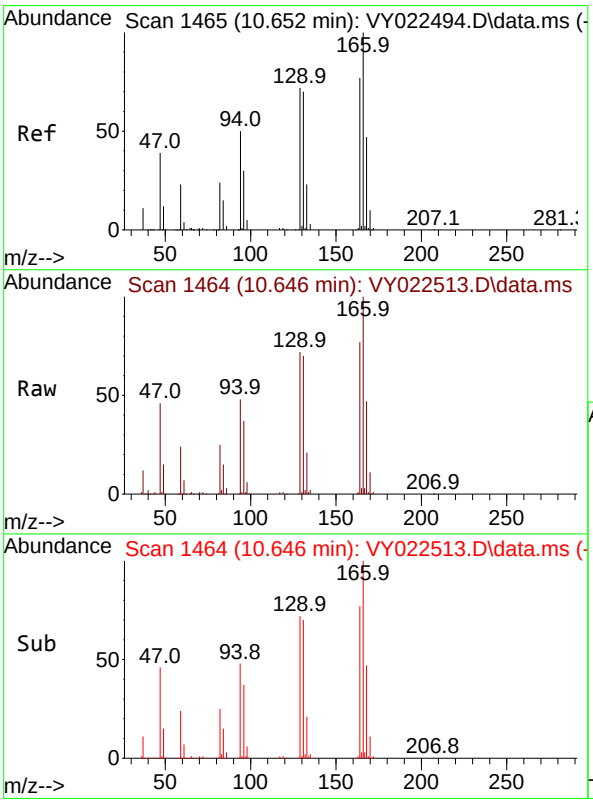
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:117 Resp: 284268

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.3	25.4	38.0

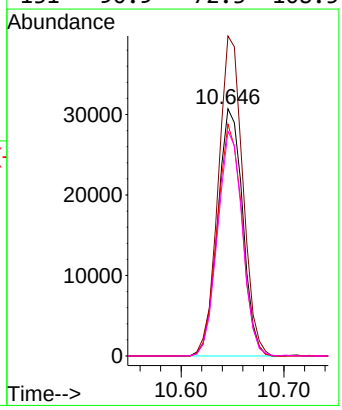


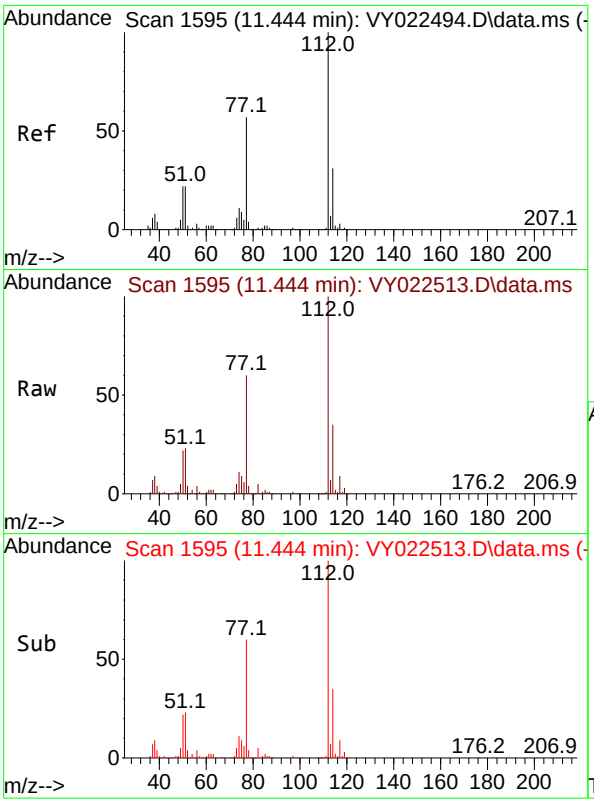


#64
Tetrachloroethene
Concen: 21.203 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:164 Resp: 51847

Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.0	156.0
129	93.8	74.5	111.7
131	90.9	72.3	108.5



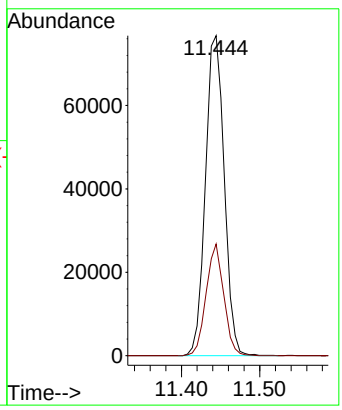


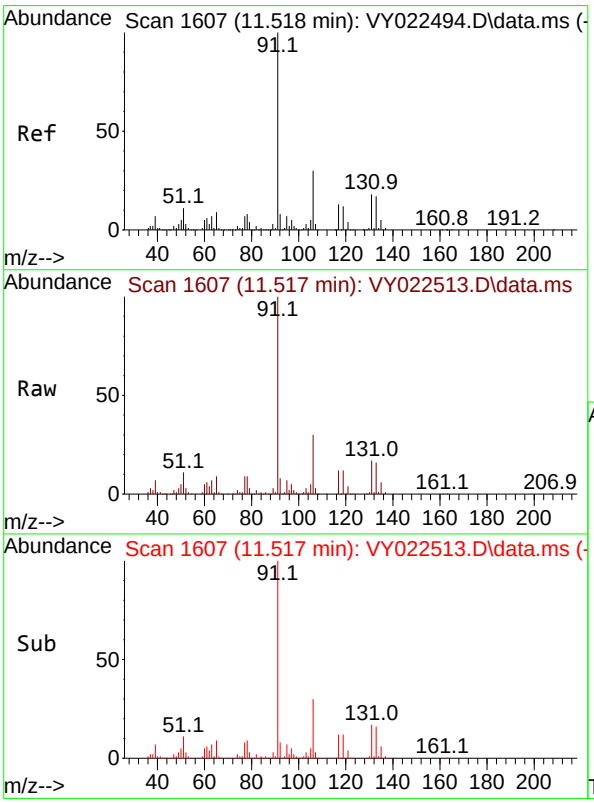
#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.444 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:112 Resp: 127590

Ion	Ratio	Lower	Upper
112	100		
114	34.9	25.0	37.6

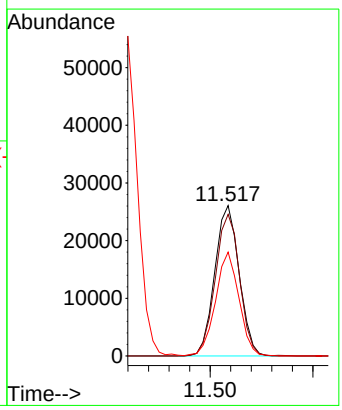


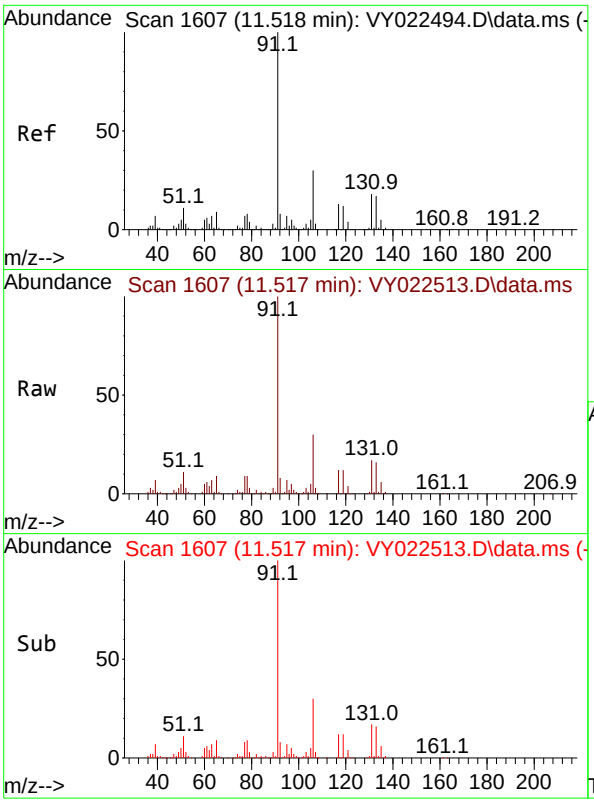


#66
1,1,1,2-Tetrachloroethane
Concen: 20.210 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:131 Resp: 42827

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	141.8
119	66.7	33.1	99.3



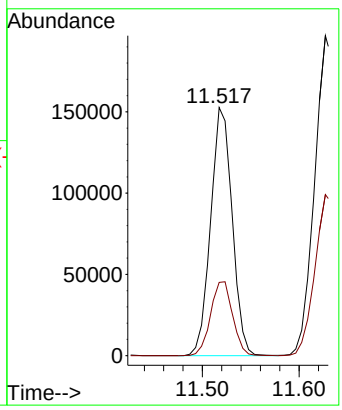


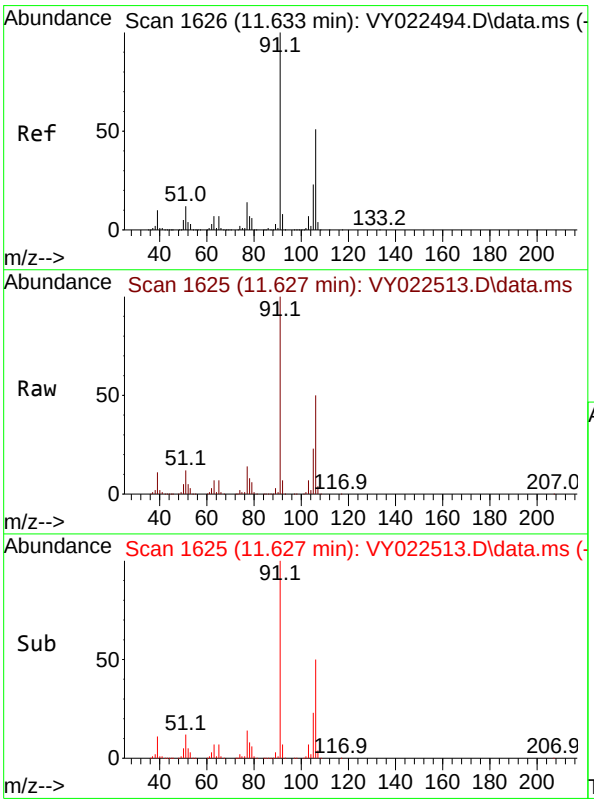
#67
Ethyl Benzene
Concen: 20.251 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 91 Resp: 236274

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4

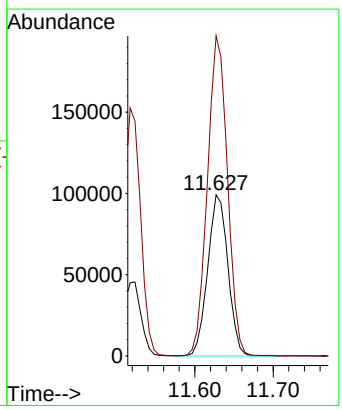


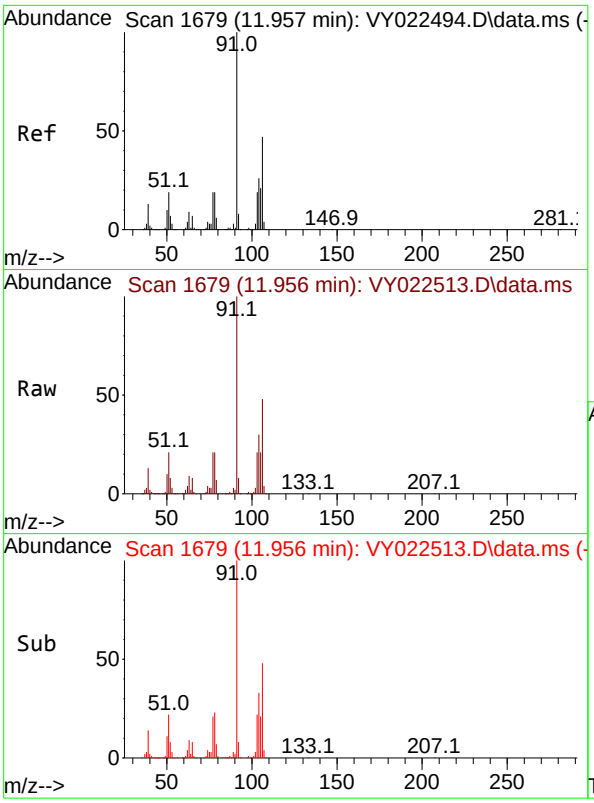


#68
m/p-Xylenes
Concen: 40.152 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:106 Resp: 177595

Ion	Ratio	Lower	Upper
106	100		
91	197.5	159.4	239.0



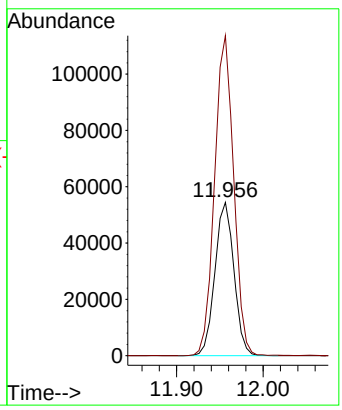


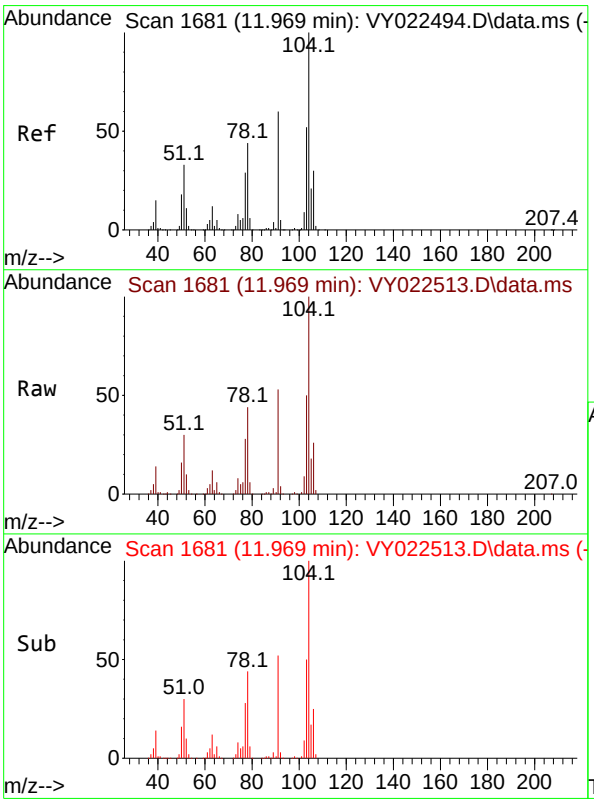
#69
o-Xylene
Concen: 20.025 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:106 Resp: 83043

Ion	Ratio	Lower	Upper
106	100		
91	210.0	105.8	317.3

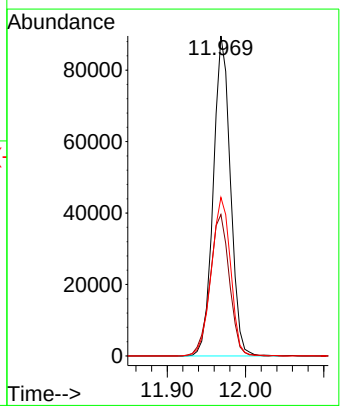


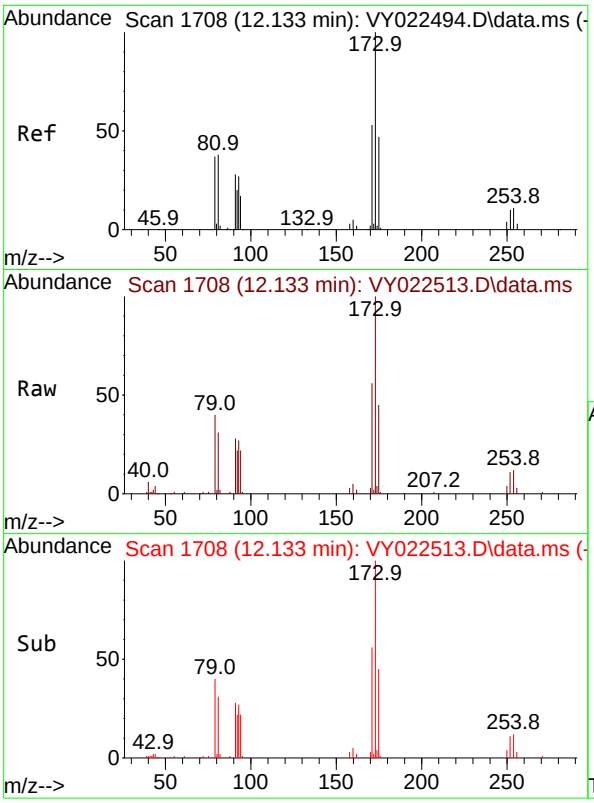


#70
Styrene
Concen: 19.898 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:104 Resp: 136395

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.5	59.3
103	55.5	44.1	66.1



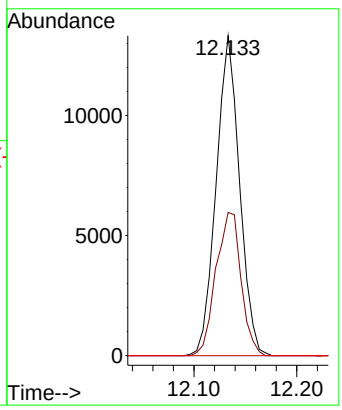


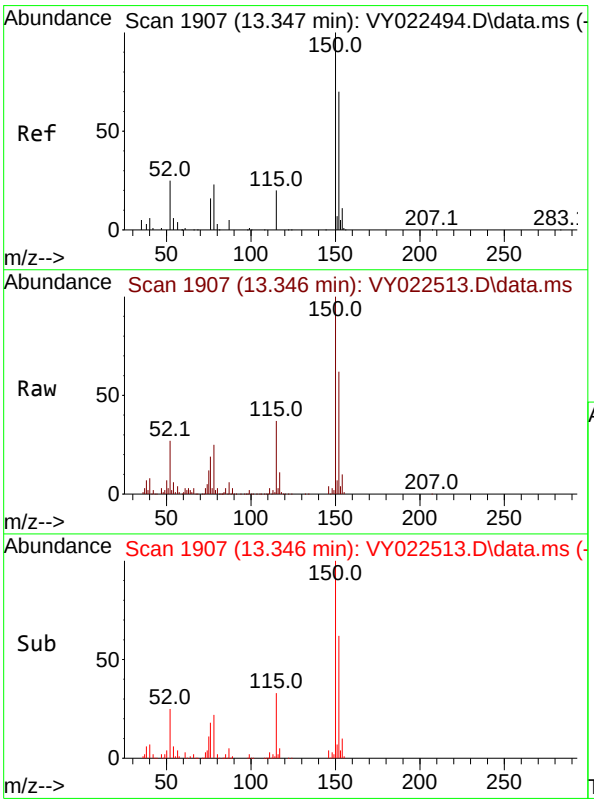
#71
Bromoform
Concen: 18.644 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:173 Resp: 21024

Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.5
254	0.0	0.0	0.0

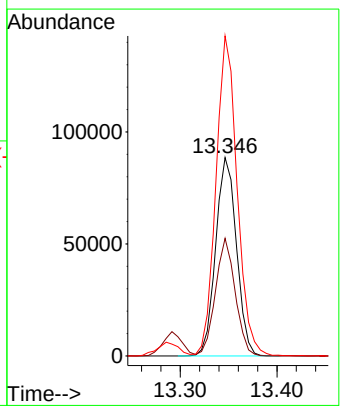


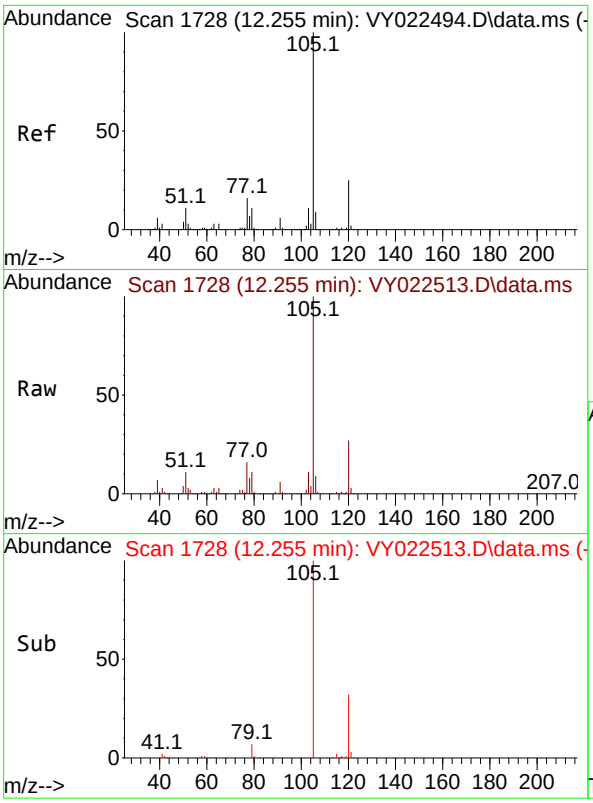


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:152 Resp: 131961

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.7
150	164.9	0.0	349.6



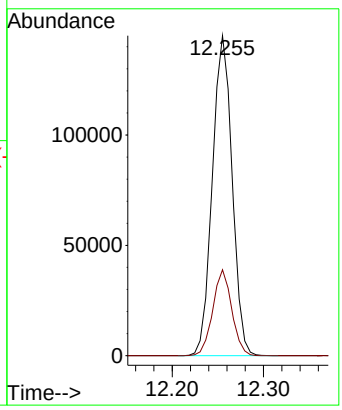


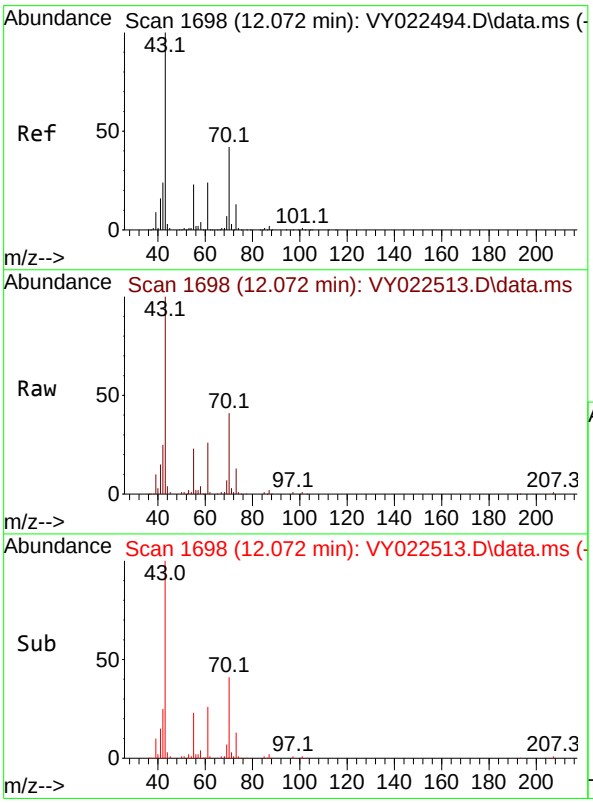
#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:105 Resp: 218088

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9

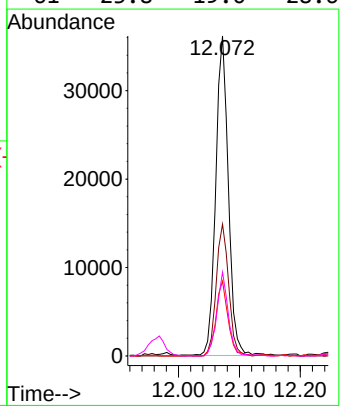


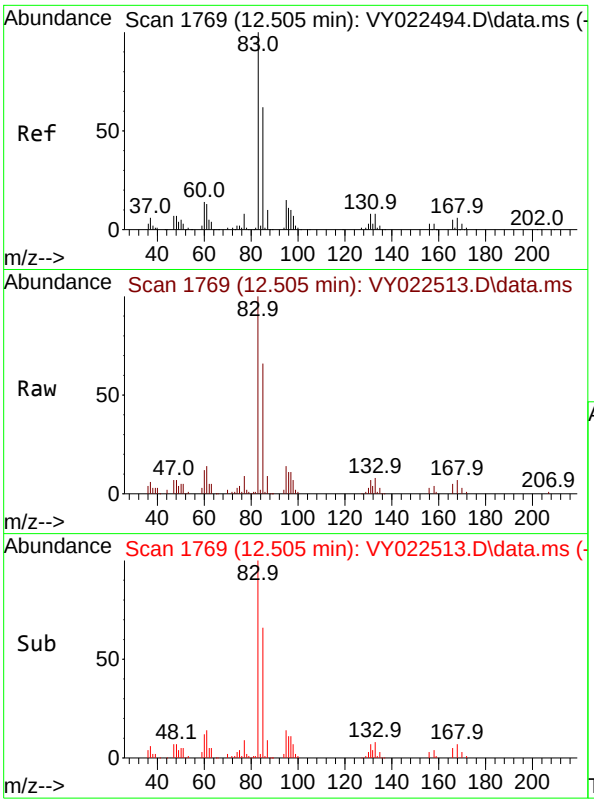


#74
N-amyl acetate
Concen: 19.006 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 51955

Ion	Ratio	Lower	Upper
43	100		
70	40.7	34.2	51.2
55	22.5	18.2	27.4
61	23.8	19.0	28.6



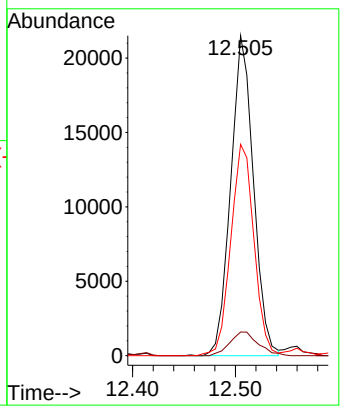


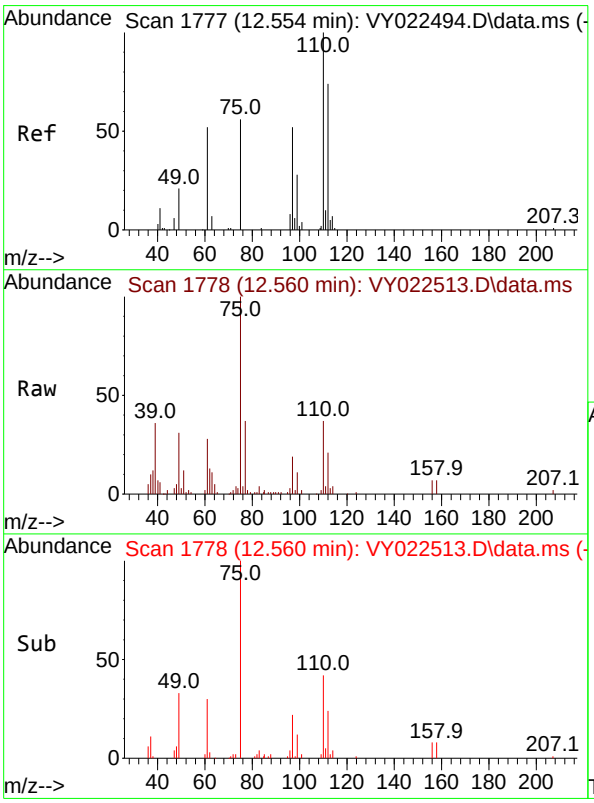
#75
1,1,2,2-Tetrachloroethane
Concen: 18.590 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 83 Resp: 33056

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	67.2	32.6	97.8

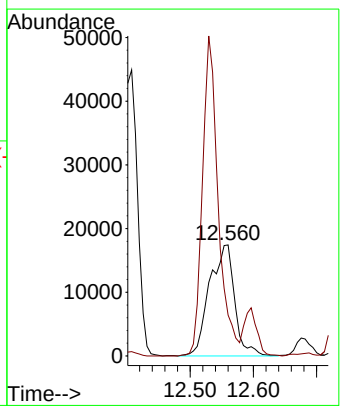


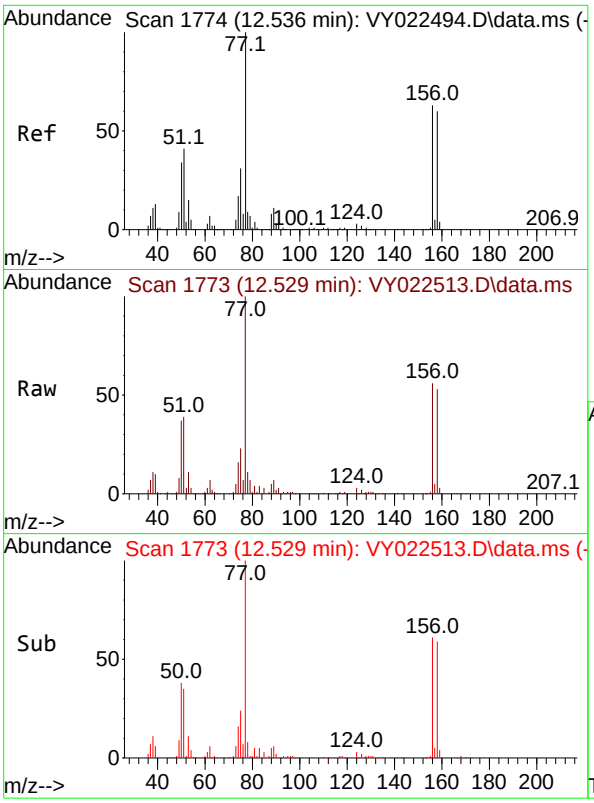


#76
1,2,3-Trichloropropane
Concen: 31.876 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 48123

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



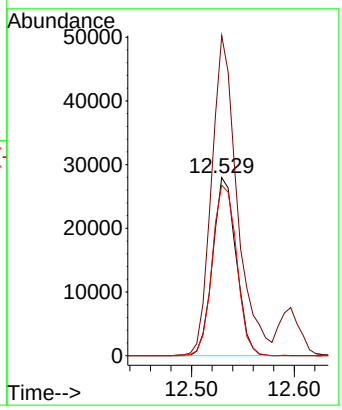


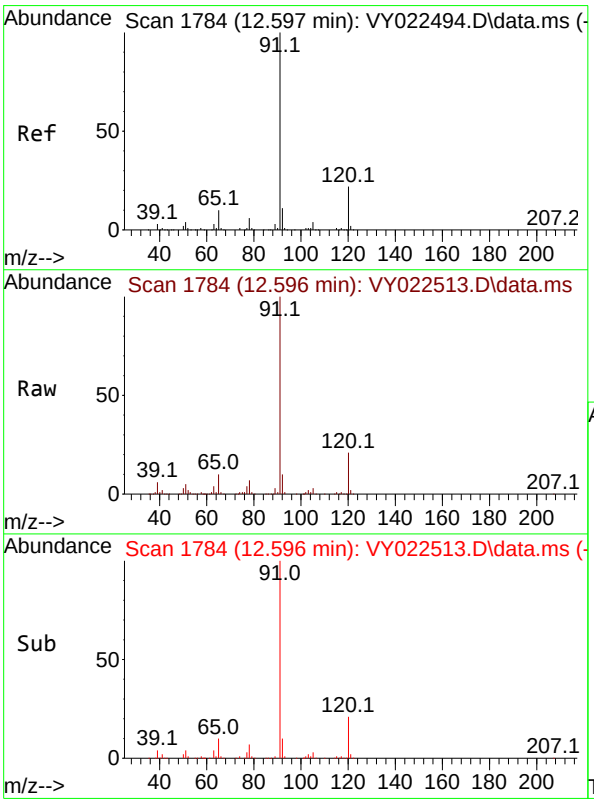
#77
Bromobenzene
Concen: 19.355 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:156 Resp: 44250

Ion	Ratio	Lower	Upper
156	100		
77	197.3	94.0	282.1
158	99.8	48.2	144.6

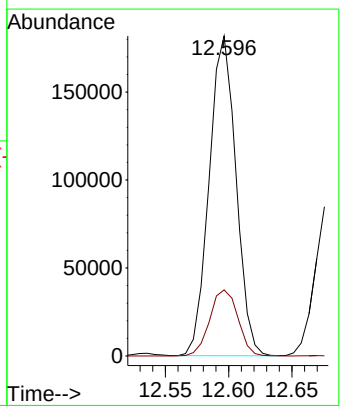


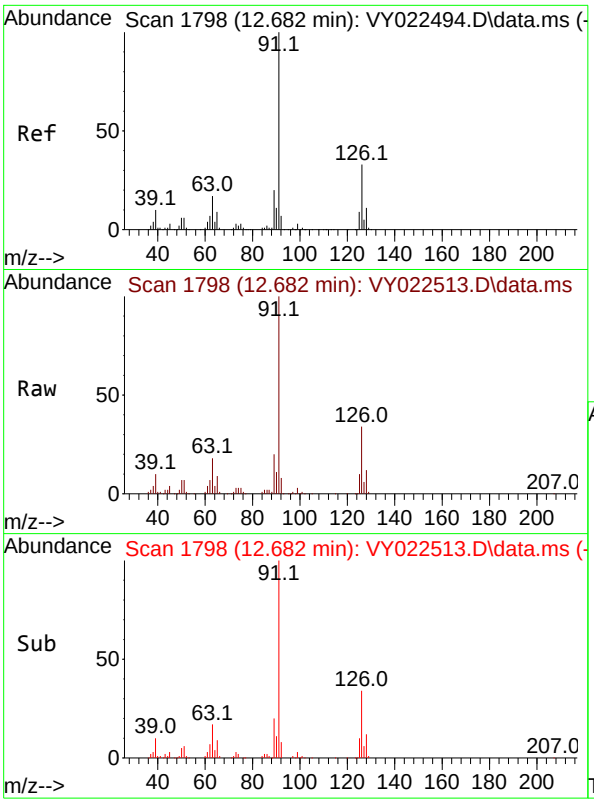


#78
n-propylbenzene
Concen: 20.282 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 268379

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4



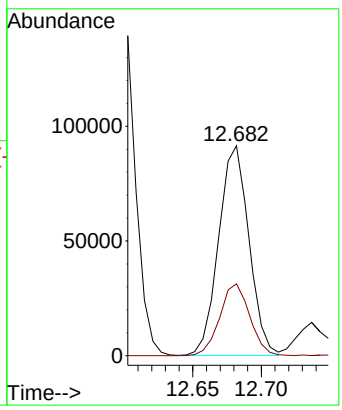


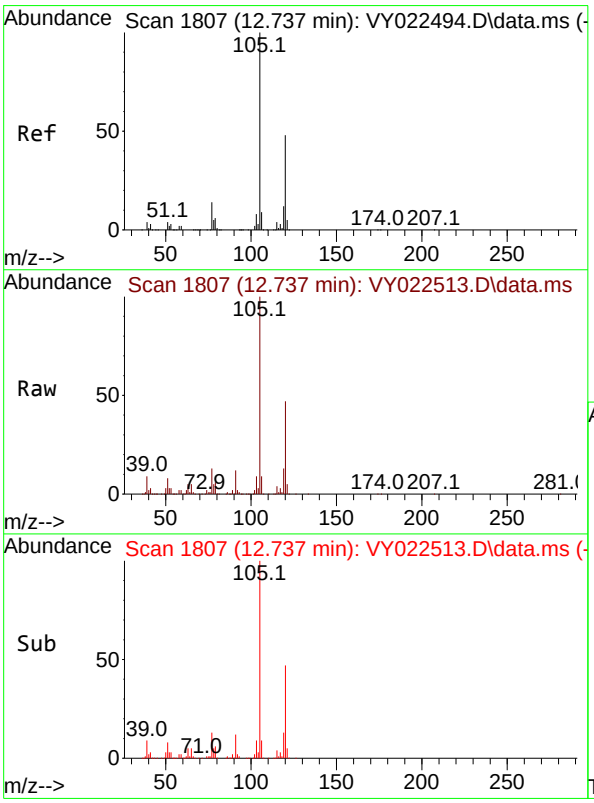
#79
2-Chlorotoluene
Concen: 20.082 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 91 Resp: 140839

Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.0	51.0

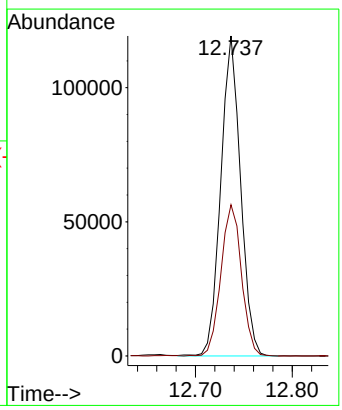


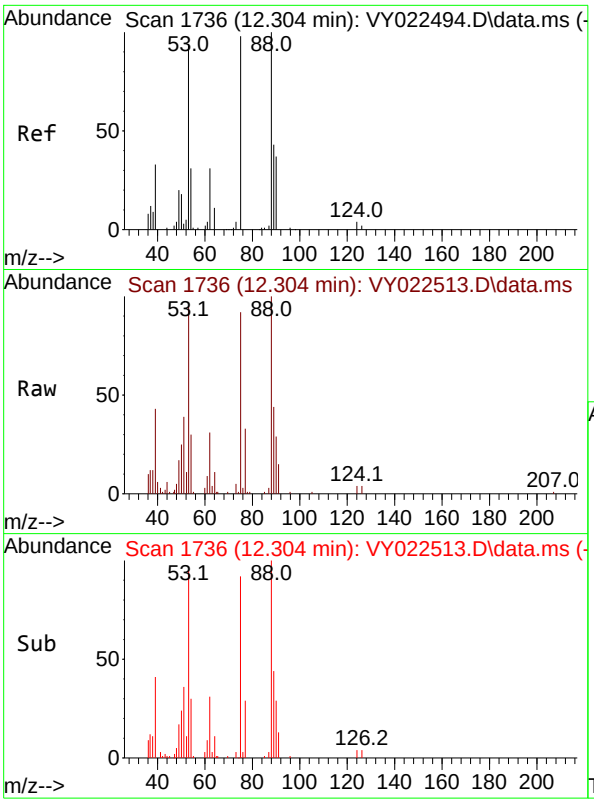


#80
1,3,5-Trimethylbenzene
Concen: 19.885 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:105 Resp: 169137

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.1	72.4



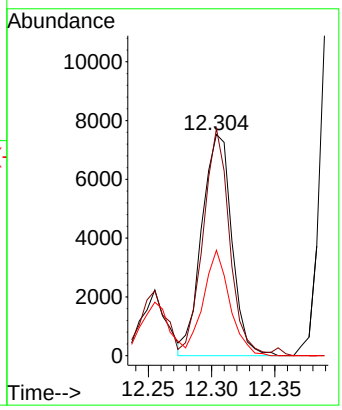


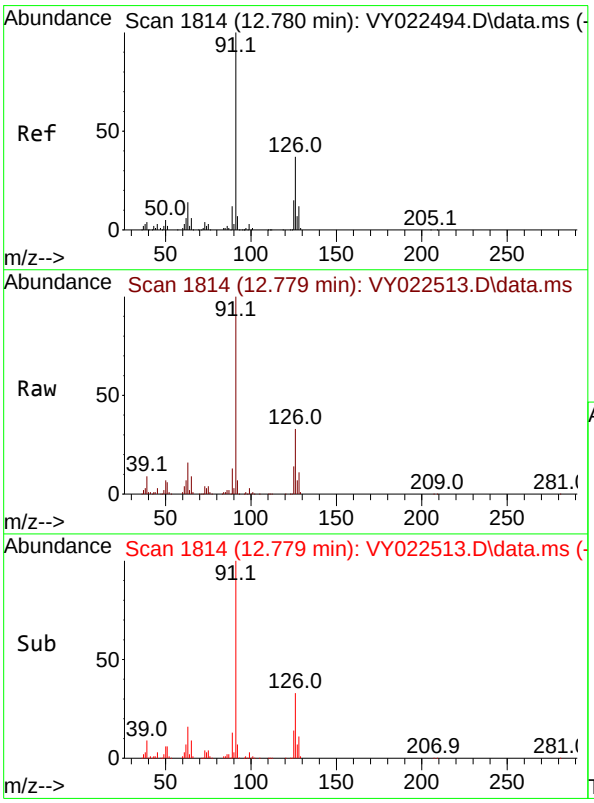
#81
trans-1,4-Dichloro-2-butene
Concen: 19.903 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 75 Resp: 12442

Ion	Ratio	Lower	Upper
75	100		
53	88.0	78.5	117.7
89	41.7	35.7	53.5

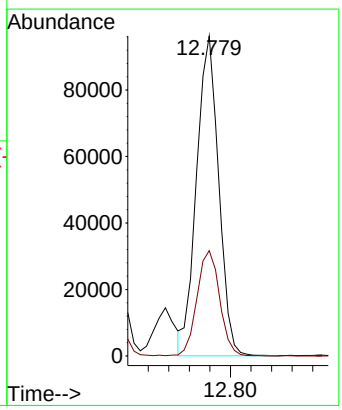


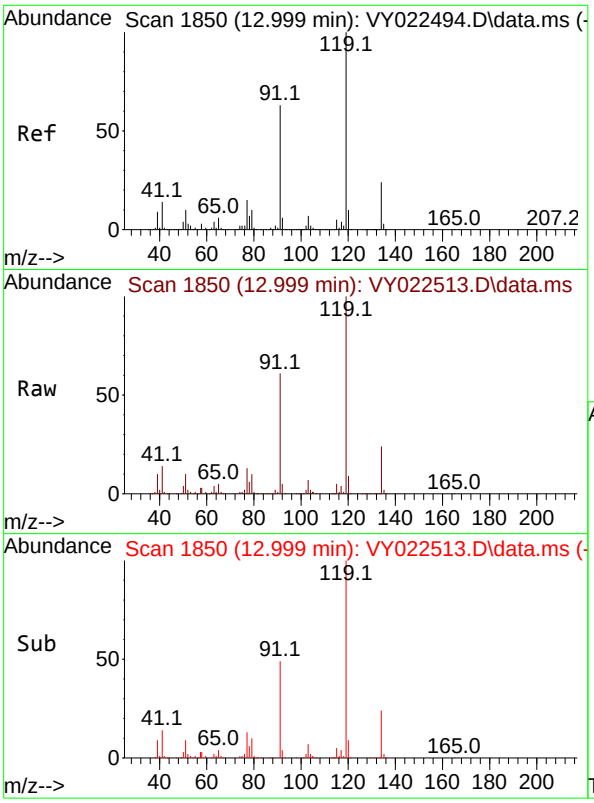


#82
4-Chlorotoluene
Concen: 19.916 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 144089

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	50.9



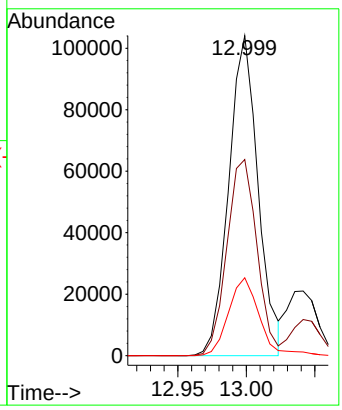


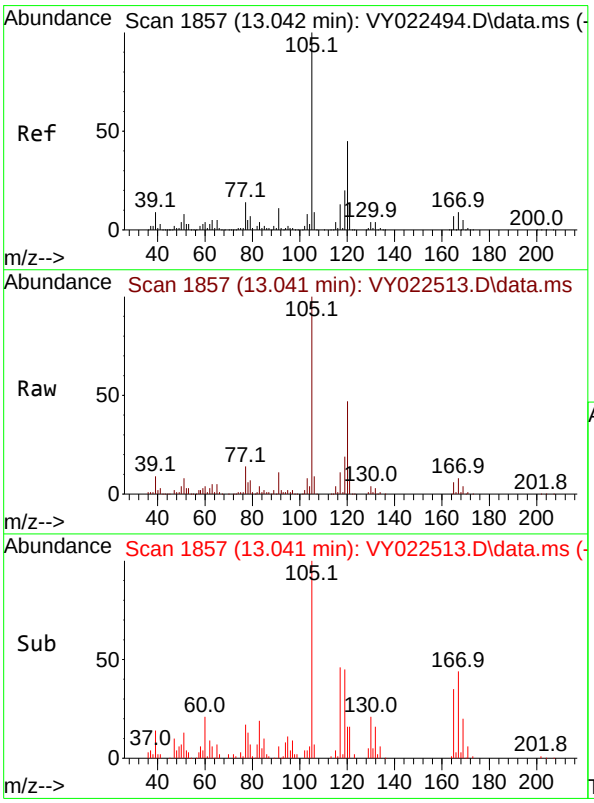
#83
tert-Butylbenzene
Concen: 20.356 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:119 Resp: 155396

Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.1	96.3
134	25.6	13.0	38.9

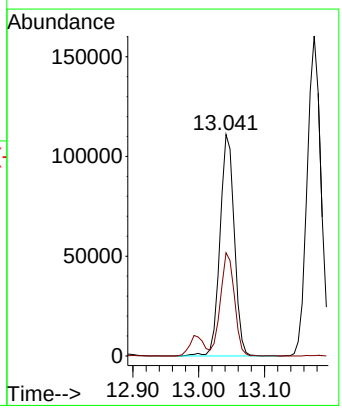


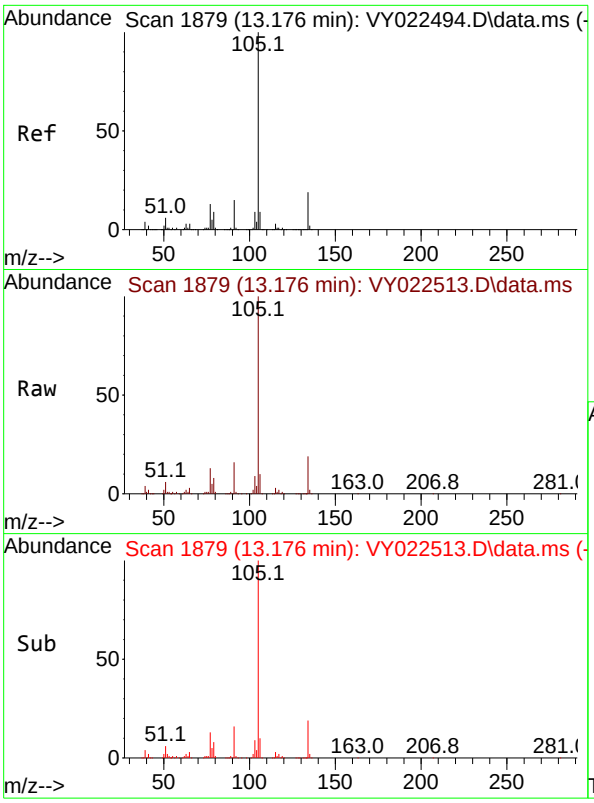


#84
1,2,4-Trimethylbenzene
Concen: 19.747 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:105 Resp: 167992

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1



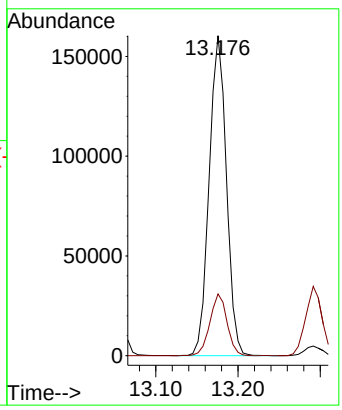


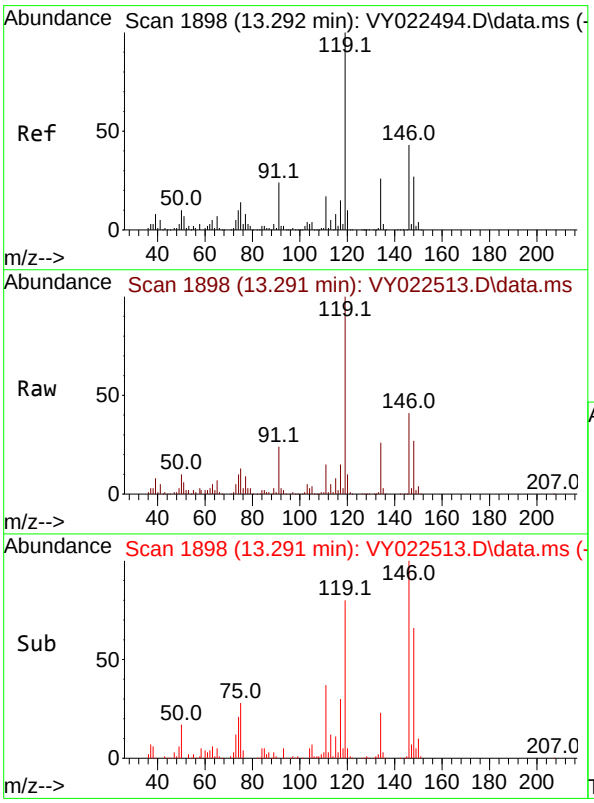
#85
sec-Butylbenzene
Concen: 20.032 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:105 Resp: 234207

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.7	28.9

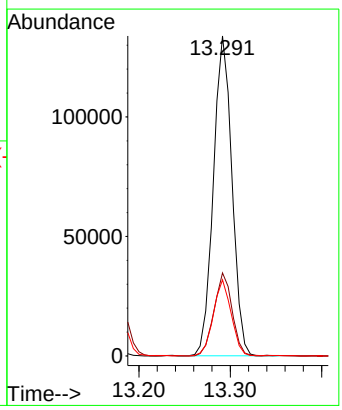


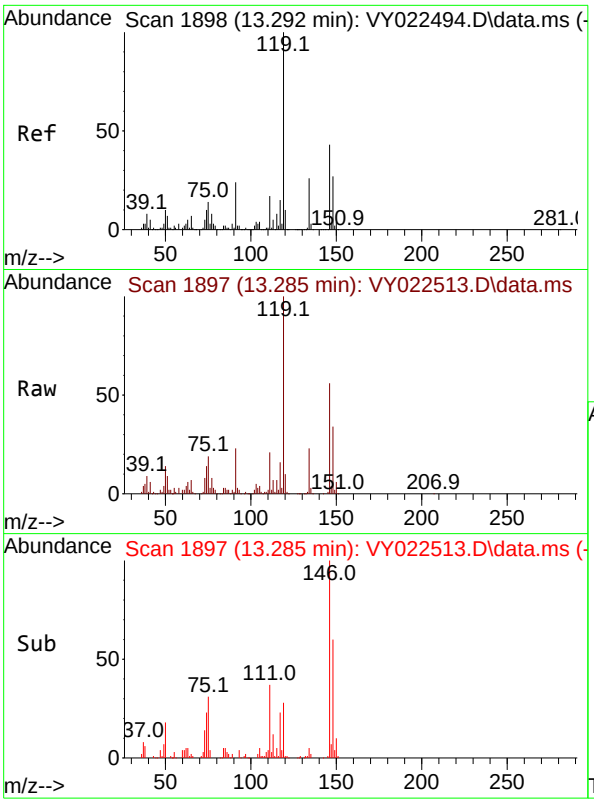


#86
p-Isopropyltoluene
Concen: 19.596 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:119 Resp: 188849

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.1
91	23.0	11.6	34.8



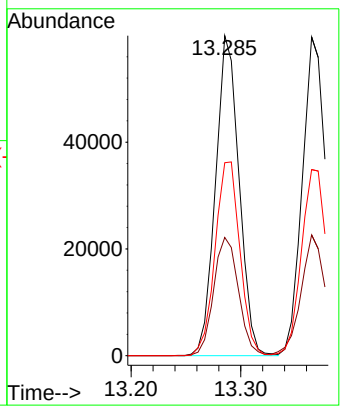


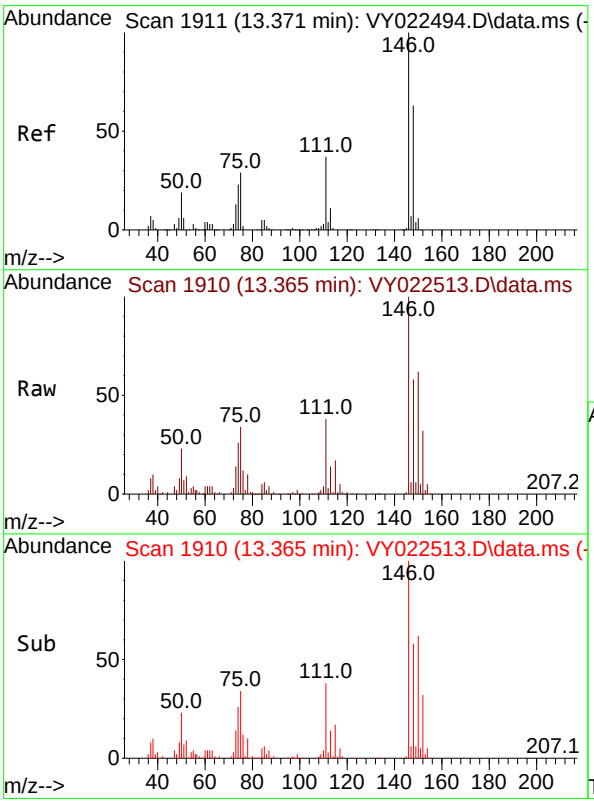
#87
1,3-Dichlorobenzene
Concen: 19.350 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:146 Resp: 89632

Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.8	32.1	96.3

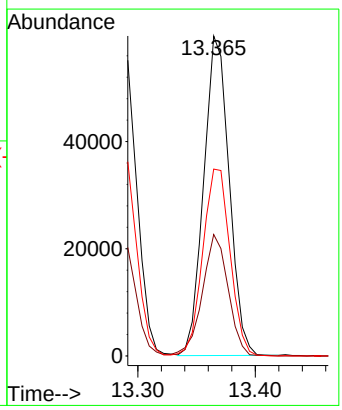


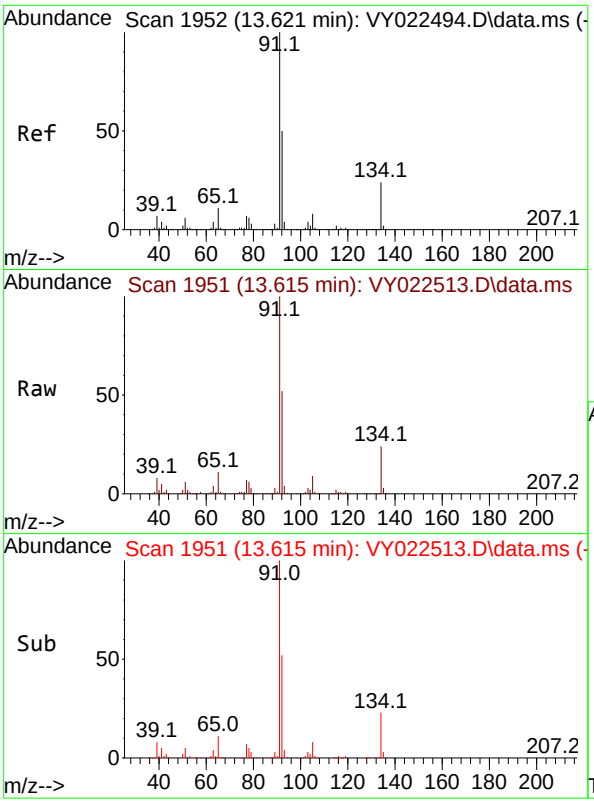


#88
1,4-Dichlorobenzene
Concen: 19.974 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:146 Resp: 89737

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	62.8	31.6	94.8



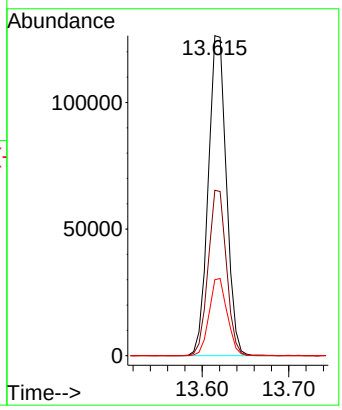


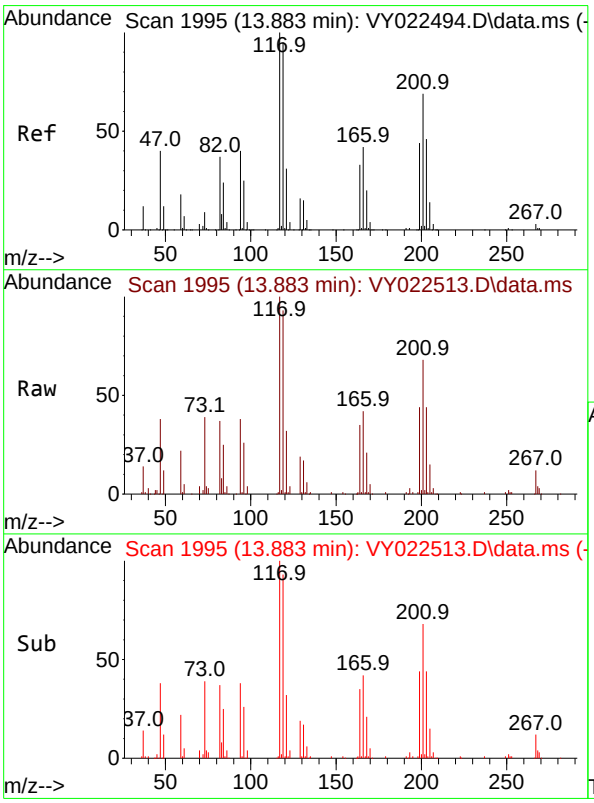
#89
n-Butylbenzene
Concen: 20.077 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 91 Resp: 183570

Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	24.0	12.0	36.1

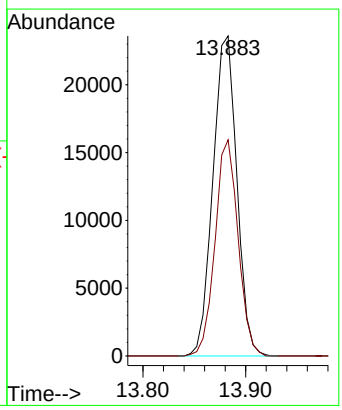


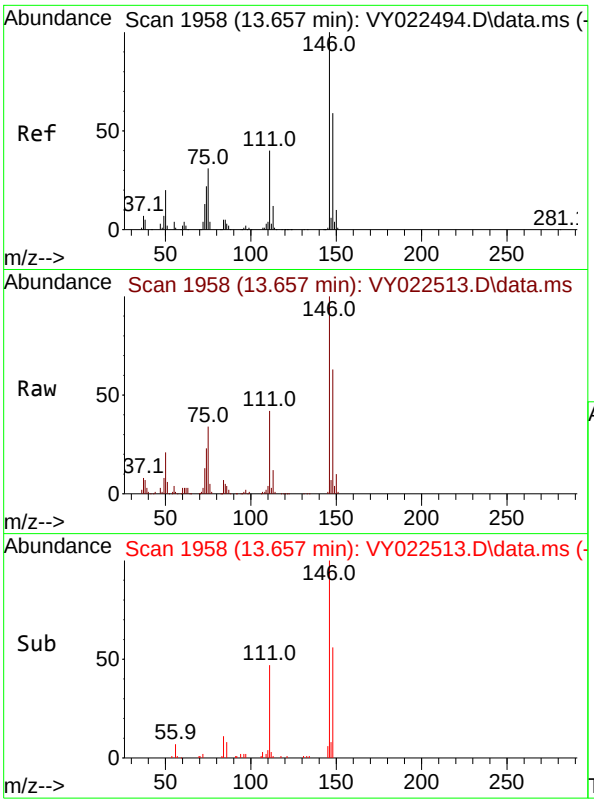


#90
Hexachloroethane
Concen: 20.338 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:117 Resp: 38158

Ion	Ratio	Lower	Upper
117	100		
201	64.9	34.0	102.0



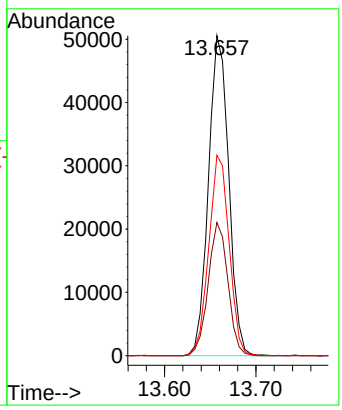


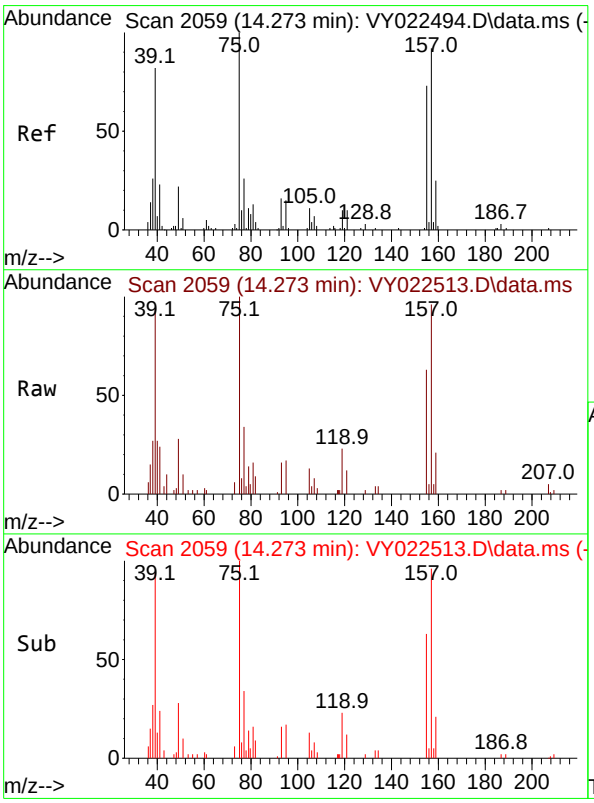
#91
1,2-Dichlorobenzene
Concen: 19.759 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:146 Resp: 77708

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.6
148	62.9	31.4	94.0

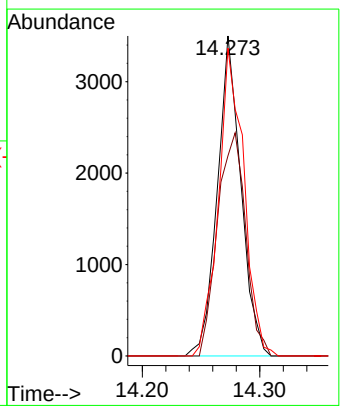


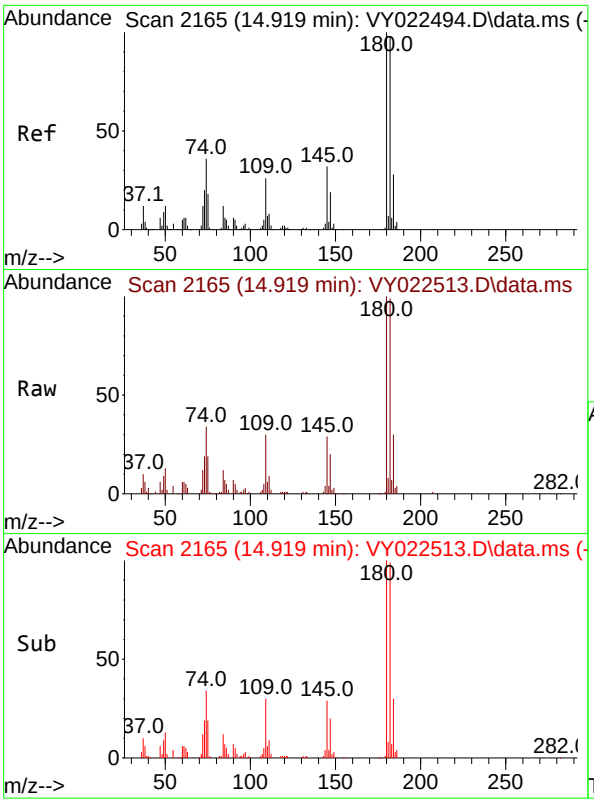


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.850 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 4880

Ion	Ratio	Lower	Upper
75	100		
155	83.4	39.9	119.6
157	103.7	54.0	162.0



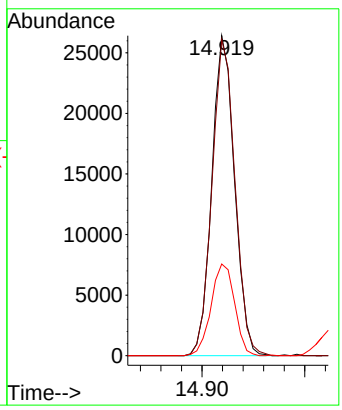


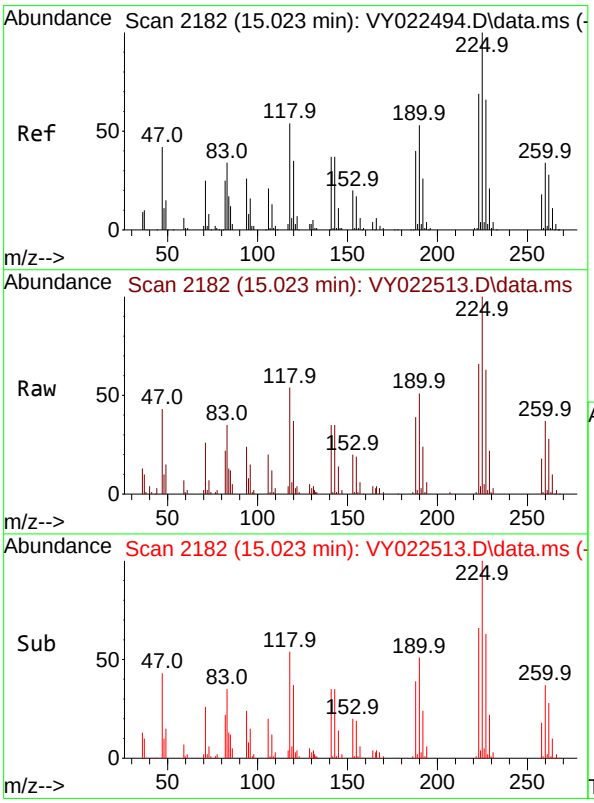
#93
1,2,4-Trichlorobenzene
Concen: 18.836 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:180 Resp: 40402

Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.4	145.3
145	29.8	15.5	46.5

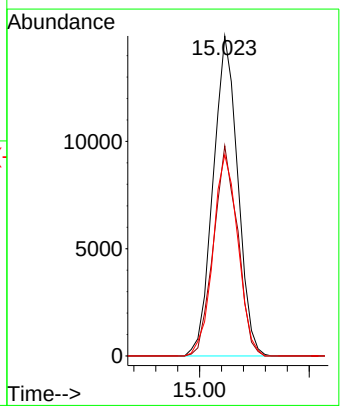


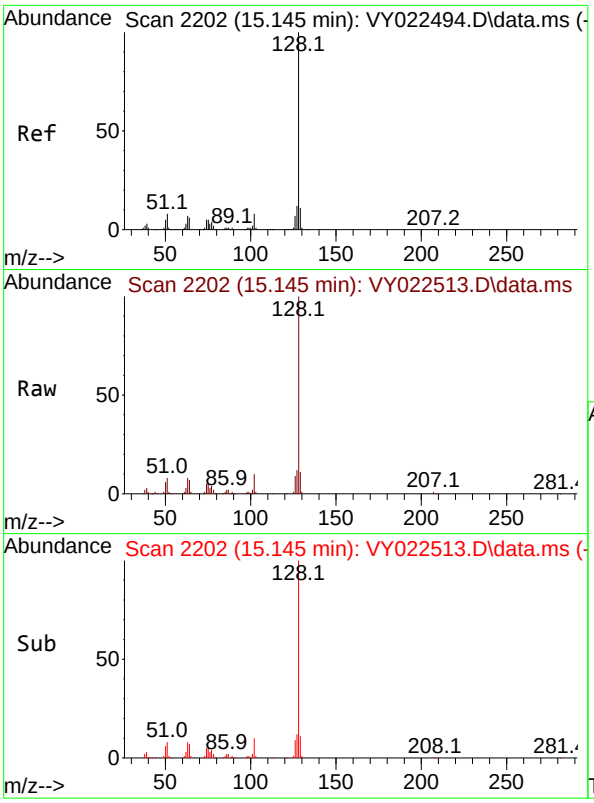


#94
Hexachlorobutadiene
Concen: 19.652 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:225 Resp: 23265

Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.5	97.4
227	63.6	32.3	96.9



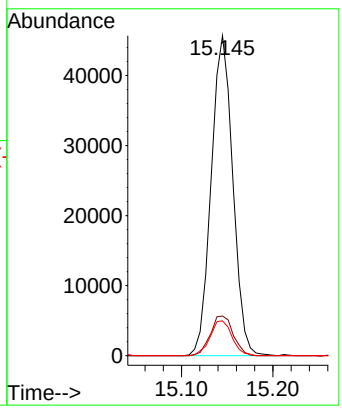


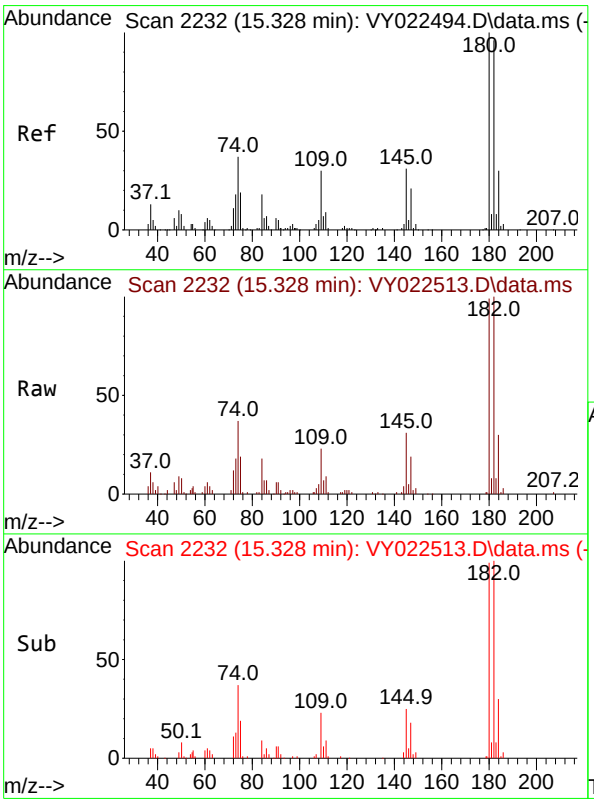
#95
Naphthalene
Concen: 18.211 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:128 Resp: 74961

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.9	13.3

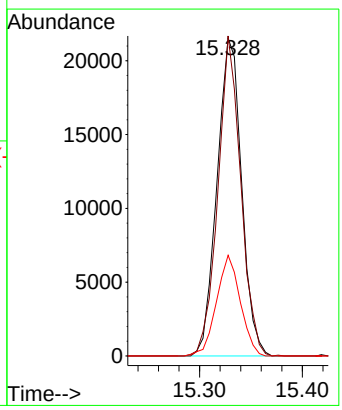




#96
1,2,3-Trichlorobenzene
Concen: 19.418 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:180 Resp: 35695

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.1	141.3
145	30.7	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	196295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111211	50.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.634	113	102540	51.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.940%			
50) Toluene-d8	10.109	98	423577	52.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.408	95	120123	50.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39450	22.448	ug/l	92
3) Chloromethane	2.068	50	115283	22.204	ug/l	98
4) Vinyl Chloride	2.202	62	133679	22.195	ug/l	98
5) Bromomethane	2.592	94	122385	21.200	ug/l	99
6) Chloroethane	2.732	64	89448	21.637	ug/l	96
7) Trichlorofluoromethane	3.049	101	108350	21.191	ug/l	98
8) Diethyl Ether	3.458	74	24283	21.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	43506	20.203	ug/l	97
10) Methyl Iodide	4.007	142	46266	19.853	ug/l	100
11) Tert butyl alcohol	4.872	59	16220	103.440	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	44732	21.731	ug/l	97
13) Acrolein	3.659	56	20248	103.612	ug/l	95
14) Allyl chloride	4.385	41	66730	20.650	ug/l	98
15) Acrylonitrile	5.055	53	47639	97.686	ug/l	96
16) Acetone	3.879	43	51428	115.345	ug/l	98
17) Carbon Disulfide	4.104	76	140692	21.348	ug/l	99
18) Methyl Acetate	4.391	43	25743	19.498	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	118588	20.454	ug/l	97
20) Methylene Chloride	4.616	84	48900	19.308	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	48144	20.897	ug/l	98
22) Diisopropyl ether	6.018	45	152316	21.175	ug/l	99
23) Vinyl Acetate	5.964	43	430636	101.150	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89303	21.074	ug/l	98
25) 2-Butanone	6.896	43	69185	107.575	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80364	21.464	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	57093	21.440	ug/l	99
28) Bromochloromethane	7.250	49	38497	20.841	ug/l	99
29) Tetrahydrofuran	7.262	42	39069	94.187	ug/l	97
30) Chloroform	7.421	83	90558	21.576	ug/l	98
31) Cyclohexane	7.707	56	83149	19.710	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78839	21.159	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67396	20.845	ug/l	100
37) Ethyl Acetate	6.988	43	29632	20.551	ug/l	99
38) Carbon Tetrachloride	7.817	117	69195	20.862	ug/l	97
39) Methylcyclohexane	9.109	83	88301	20.323	ug/l	98
40) Benzene	8.079	78	200930	21.041	ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	13338	15.837	ug/l	#	85
42) 1,2-Dichloroethane	8.164	62	54776	21.007	ug/l		98
43) Isopropyl Acetate	8.201	43	61432	19.728	ug/l		98
44) Trichloroethene	8.866	130	50293	21.548	ug/l		90
45) 1,2-Dichloropropane	9.140	63	46638	20.665	ug/l		99
46) Dibromomethane	9.231	93	25459	20.051	ug/l		98
47) Bromodichloromethane	9.420	83	67575	20.989	ug/l		100
48) Methyl methacrylate	9.225	41	28959	19.815	ug/l		98
49) 1,4-Dioxane	9.237	88	5727	380.729	ug/l		95
51) 4-Methyl-2-Pentanone	9.999	43	150410	96.879	ug/l		100
52) Toluene	10.170	92	123263	20.539	ug/l		96
53) t-1,3-Dichloropropene	10.396	75	60064	19.911	ug/l		94
54) cis-1,3-Dichloropropene	9.859	75	71904	20.477	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	33397	20.628	ug/l		92
56) Ethyl methacrylate	10.438	69	45653	19.510	ug/l		98
57) 1,3-Dichloropropane	10.719	76	58164	20.269	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	110692	104.188	ug/l		99
59) 2-Hexanone	10.762	43	102187	98.414	ug/l		99
60) Dibromochloromethane	10.908	129	41567	20.203	ug/l		100
61) 1,2-Dibromoethane	11.018	107	29473	19.973	ug/l		98
64) Tetrachloroethene	10.646	164	50817	21.307	ug/l		96
65) Chlorobenzene	11.438	112	129702	21.140	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.517	131	43105	20.856	ug/l		99
67) Ethyl Benzene	11.517	91	236352	20.770	ug/l		99
68) m/p-Xylenes	11.627	106	178031	41.269	ug/l		99
69) o-Xylene	11.956	106	83649	20.682	ug/l		100
70) Styrene	11.969	104	137611	20.583	ug/l		99
71) Bromoform	12.133	173	21869	19.883	ug/l	#	99
73) Isopropylbenzene	12.255	105	220201	21.105	ug/l		100
74) N-amyl acetate	12.072	43	52673	20.008	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34208	19.977	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	48665	33.473	ug/l	#	100
77) Bromobenzene	12.529	156	46055	20.918	ug/l		100
78) n-propylbenzene	12.597	91	269951	21.184	ug/l		99
79) 2-Chlorotoluene	12.682	91	142085	21.037	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	170919	20.866	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	11460	19.036	ug/l		95
82) 4-Chlorotoluene	12.779	91	141886	20.364	ug/l		96
83) tert-Butylbenzene	12.999	119	156660	21.309	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	170782	20.846	ug/l		99
85) sec-Butylbenzene	13.176	105	235402	20.907	ug/l		99
86) p-Isopropyltoluene	13.292	119	190486	20.525	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	91645	20.544	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	89601	20.709	ug/l		99
89) n-Butylbenzene	13.615	91	189125	21.478	ug/l		99
90) Hexachloroethane	13.877	117	38174	21.128	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	79301	20.938	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4844	19.429	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	43264	20.945	ug/l		99
94) Hexachlorobutadiene	15.023	225	23654	20.747	ug/l		99
95) Naphthalene	15.145	128	76972	19.418	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	35926	20.294	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

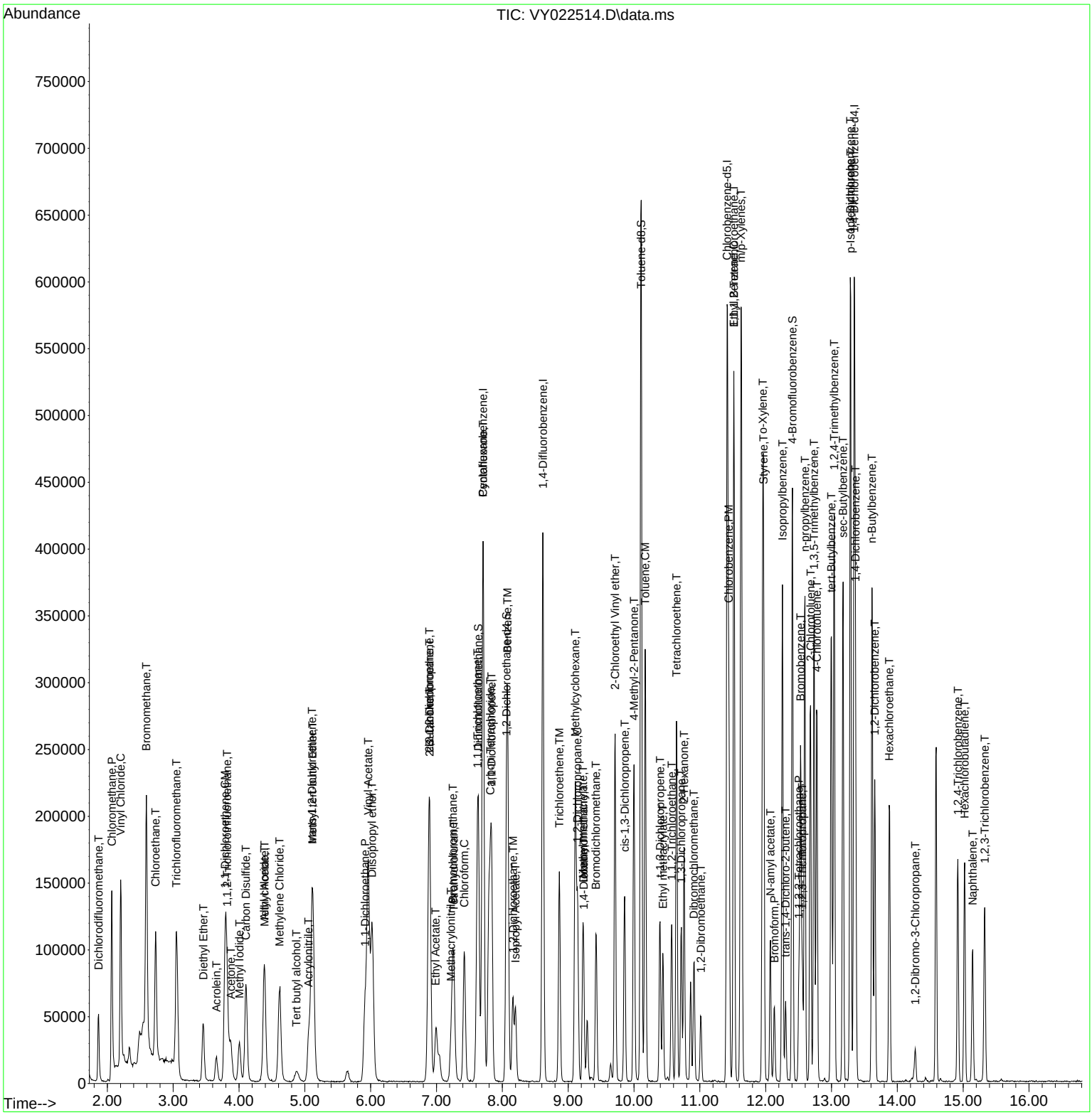
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

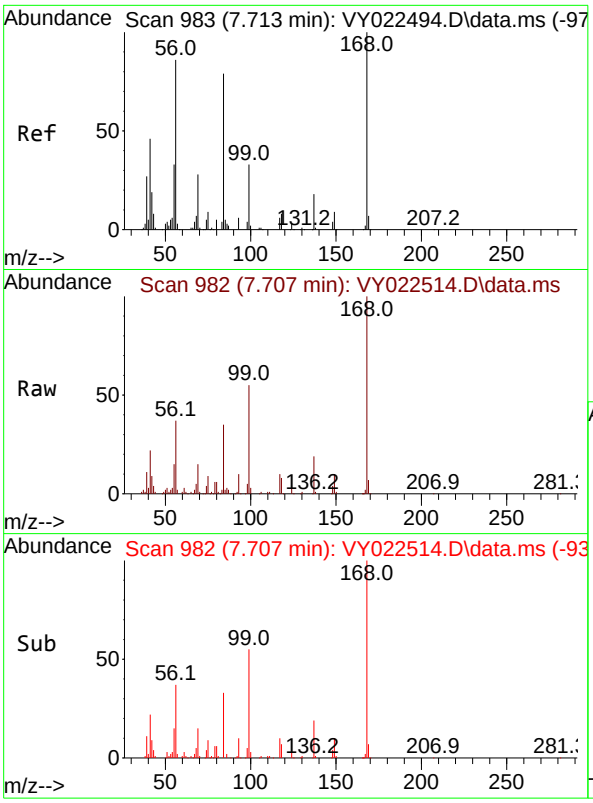
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022514.D
Acq On : 03 Jun 2025 11:38
Operator : SY/MD
Sample : VY0603SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Quant Time: Jun 04 04:10:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



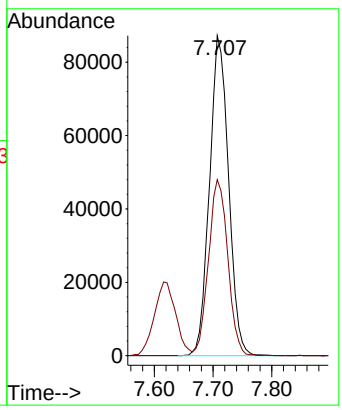


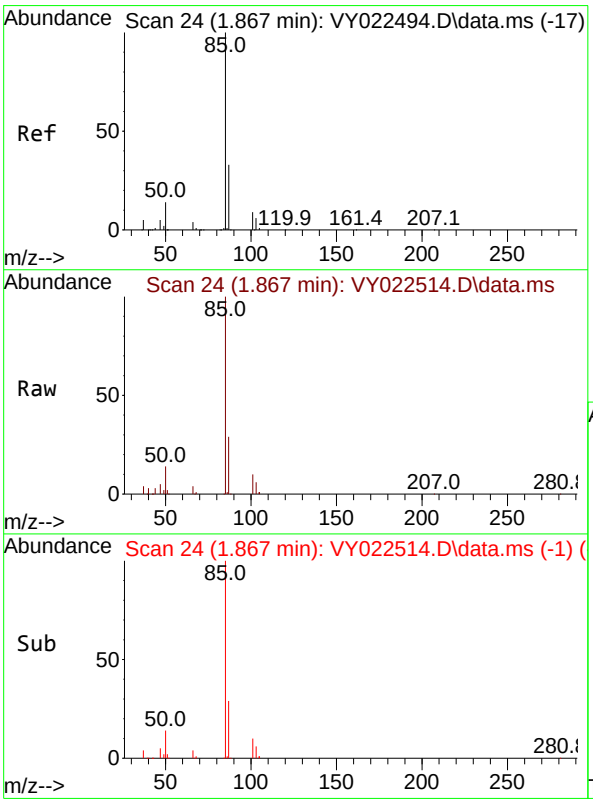
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:168 Resp: 196295

Ion	Ratio	Lower	Upper
168	100		
99	55.0	44.3	66.5

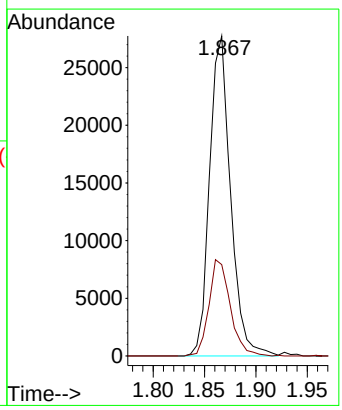


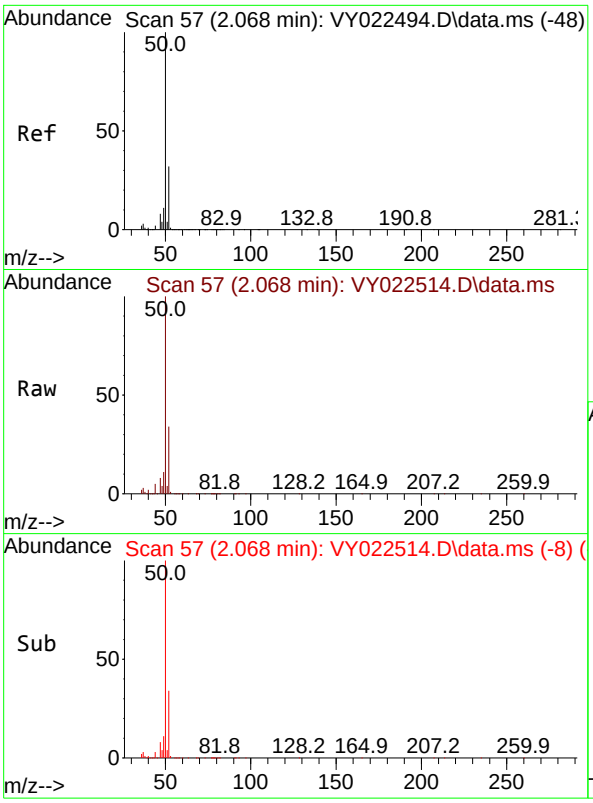


#2
Dichlorodifluoromethane
Concen: 22.448 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 85 Resp: 39450

Ion	Ratio	Lower	Upper
85	100		
87	28.5	16.7	50.0



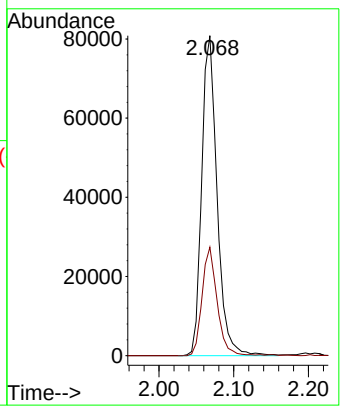


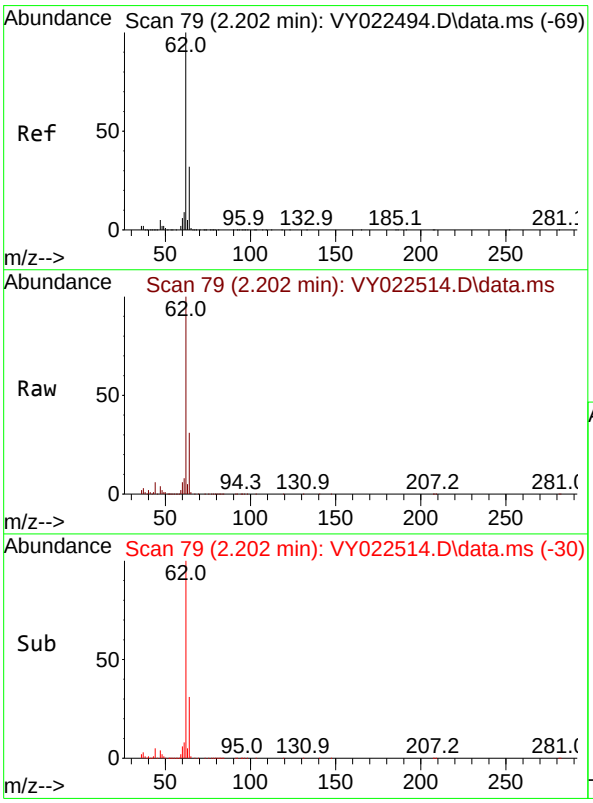
#3
Chloromethane
Concen: 22.204 ug/l
RT: 2.068 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 50 Resp: 115283

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.0	39.0

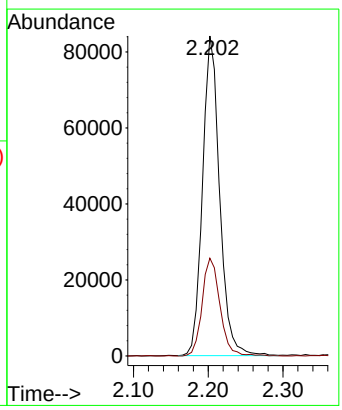


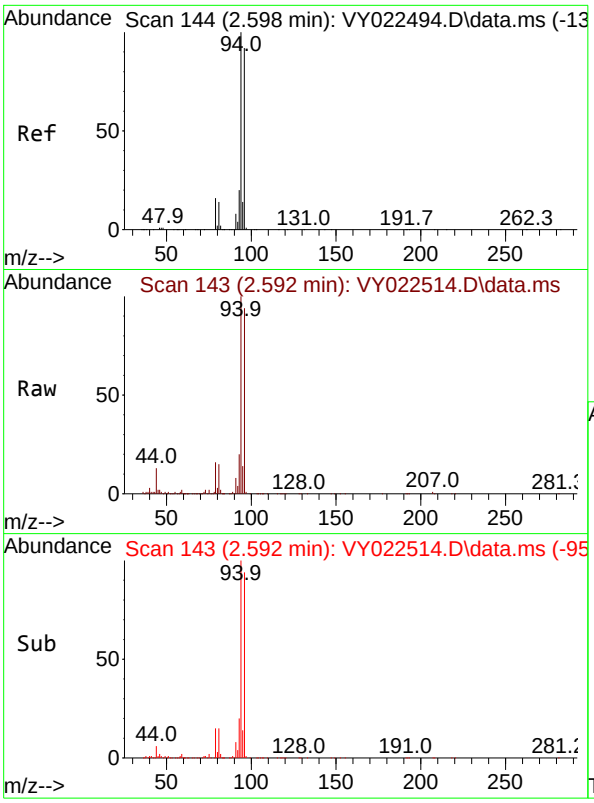


#4
Vinyl Chloride
Concen: 22.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 62 Resp: 133679

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.3	37.9



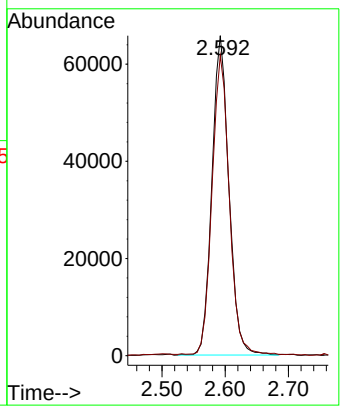


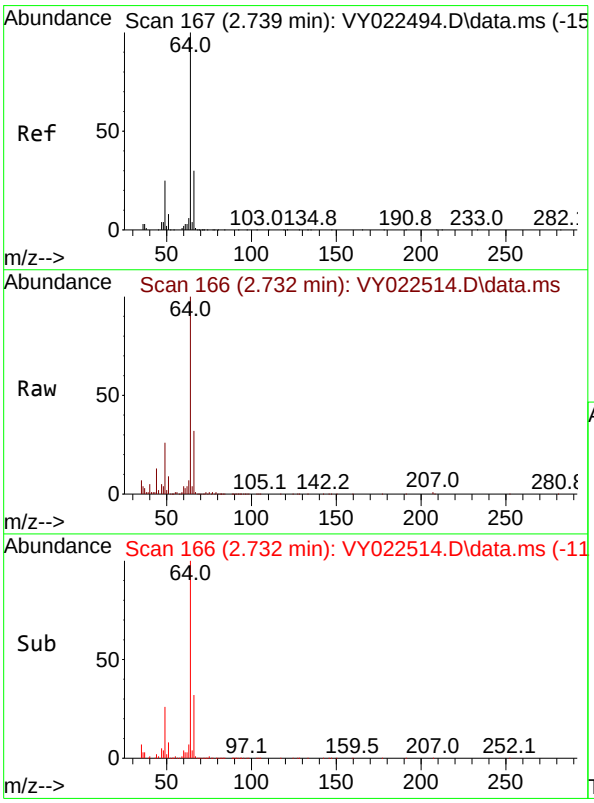
#5
Bromomethane
Concen: 21.200 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 94 Resp: 122385

Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.0	111.0

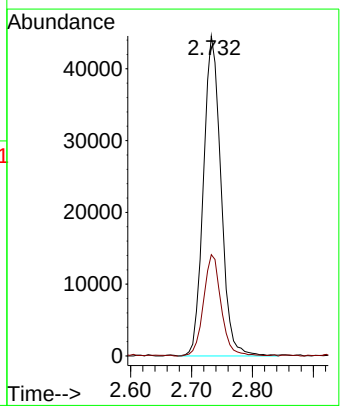


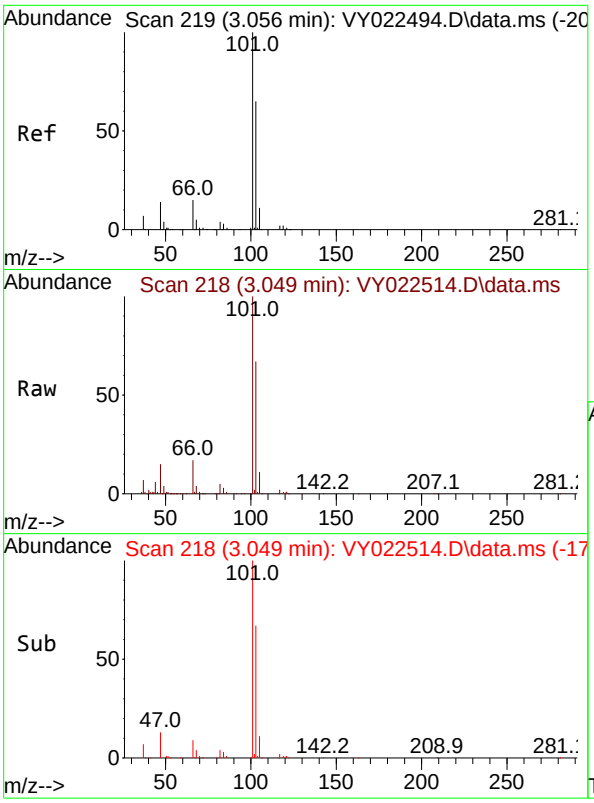


#6
Chloroethane
Concen: 21.637 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 64 Resp: 89448

Ion	Ratio	Lower	Upper
64	100		
66	31.6	23.8	35.6



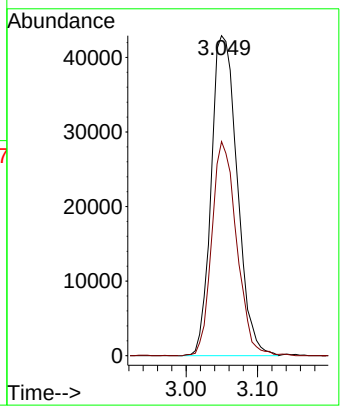


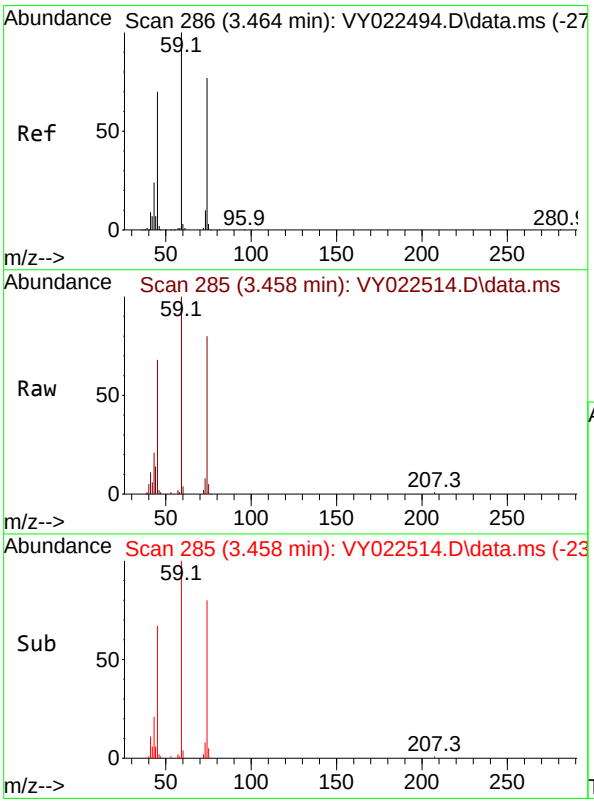
#7
Trichlorofluoromethane
Concen: 21.191 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:101 Resp: 108350

Ion	Ratio	Lower	Upper
101	100		
103	66.9	52.2	78.2

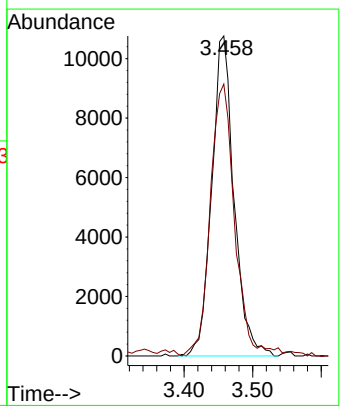


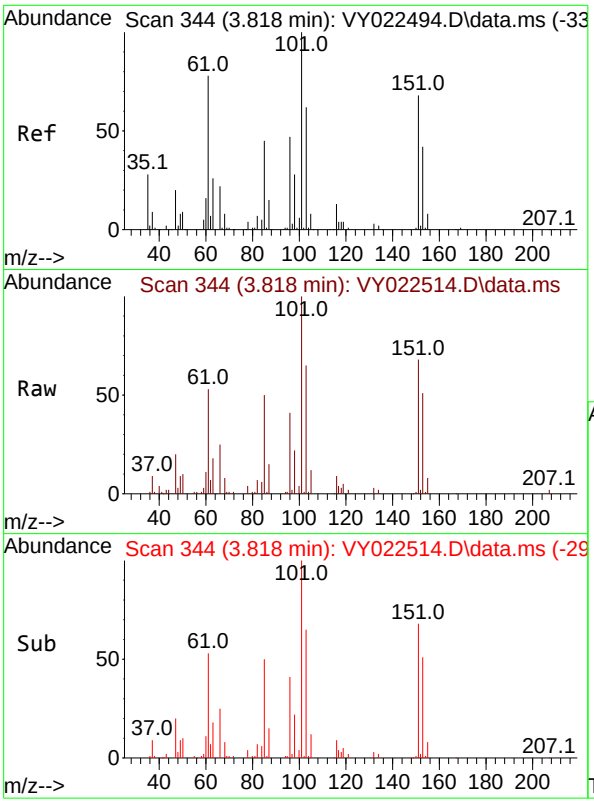


#8
Diethyl Ether
Concen: 21.088 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 74 Resp: 24283

Ion	Ratio	Lower	Upper
74	100		
45	93.5	45.9	137.6



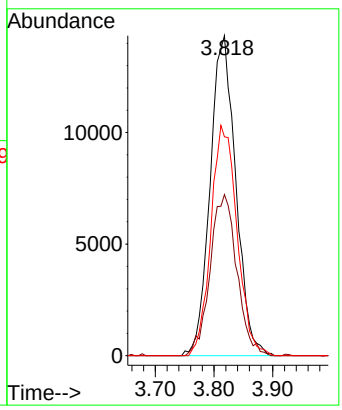


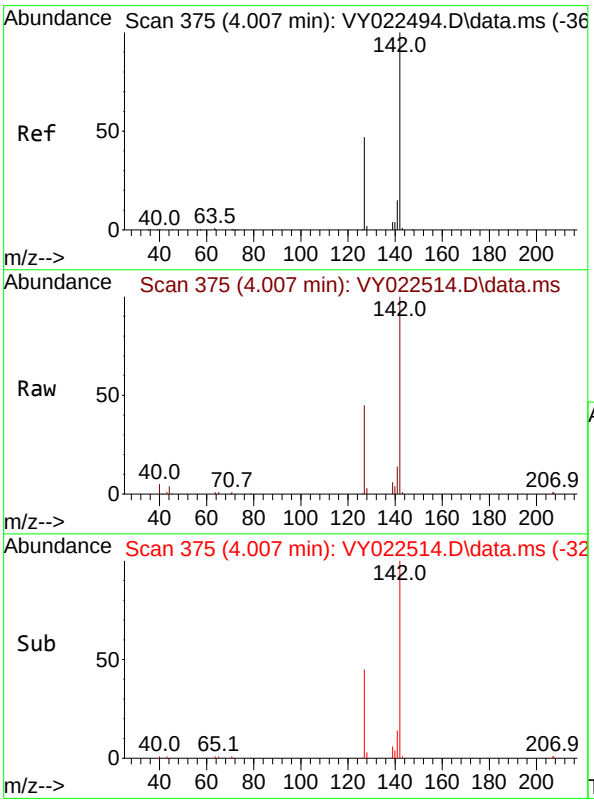
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.203 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:101 Resp: 43506

Ion	Ratio	Lower	Upper
101	100		
85	52.4	39.3	58.9
151	73.4	57.8	86.8

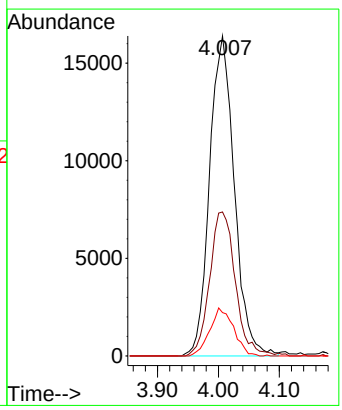


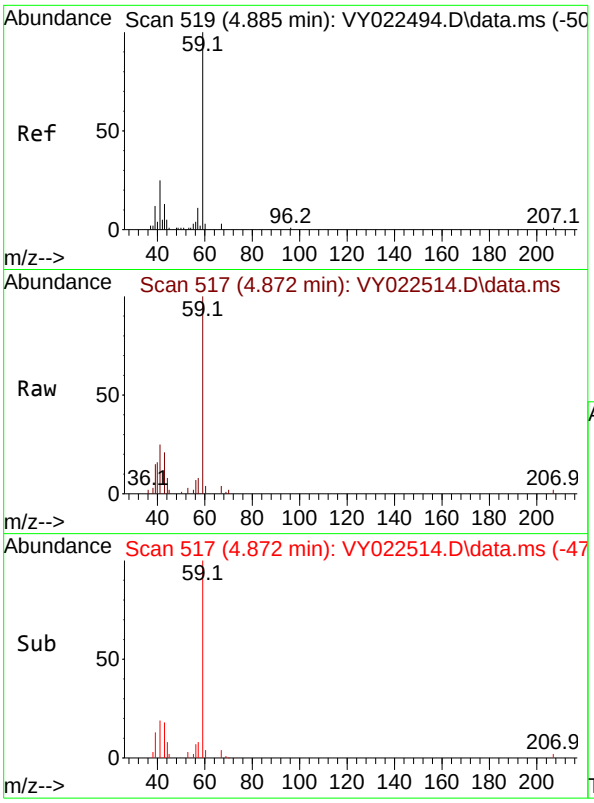


#10
Methyl Iodide
Concen: 19.853 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:142 Resp: 46266

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.1	55.7
141	14.5	11.4	17.2



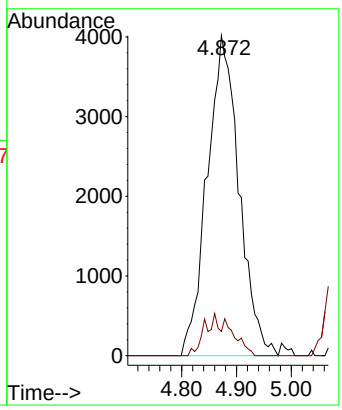


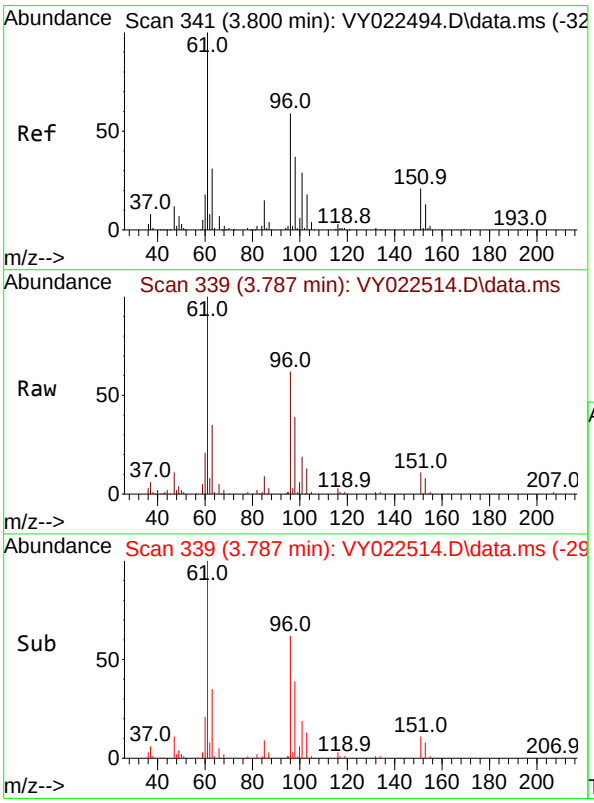
#11
Tert butyl alcohol
Concen: 103.440 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 59 Resp: 16220

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

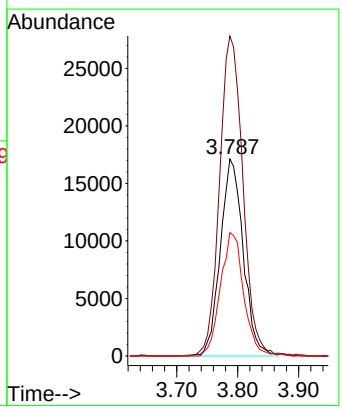


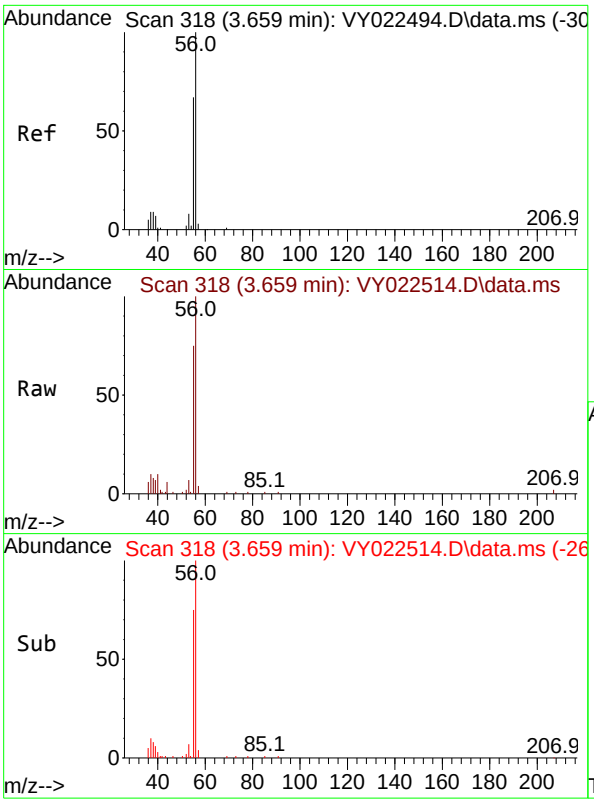


#12
1,1-Dichloroethene
Concen: 21.731 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 96 Resp: 44732

Ion	Ratio	Lower	Upper
96	100		
61	162.4	134.6	201.8
98	62.7	50.2	75.4



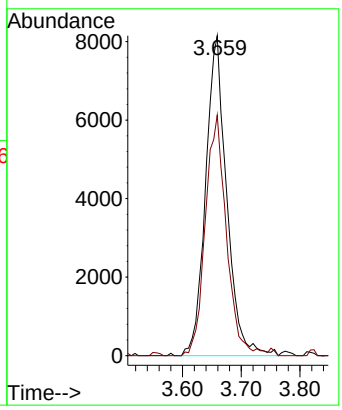


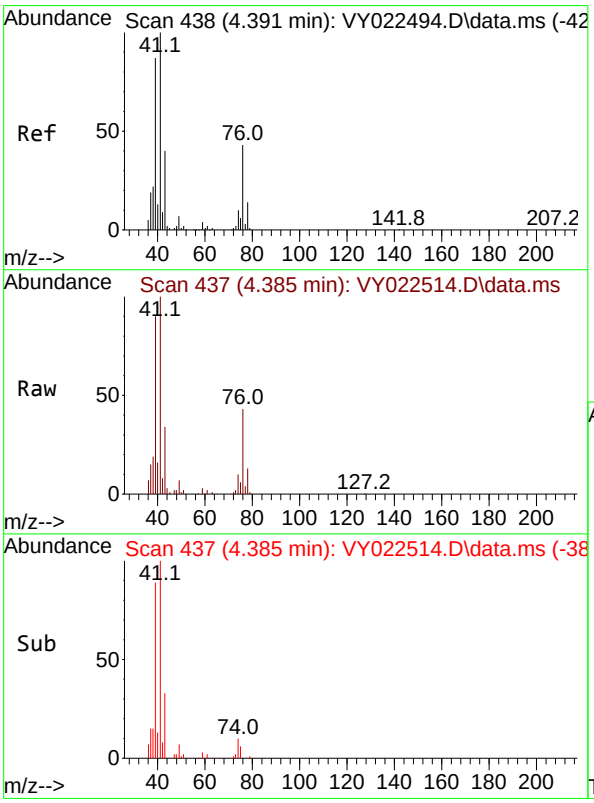
#13
Acrolein
Concen: 103.612 ug/l
RT: 3.659 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 56 Resp: 20248

Ion	Ratio	Lower	Upper
56	100		
55	75.4	57.0	85.6

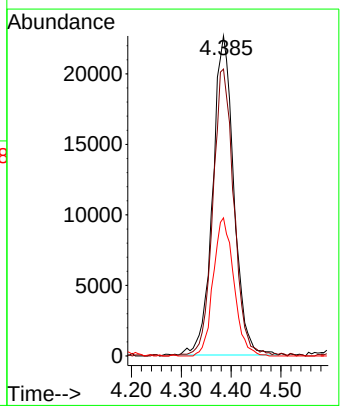


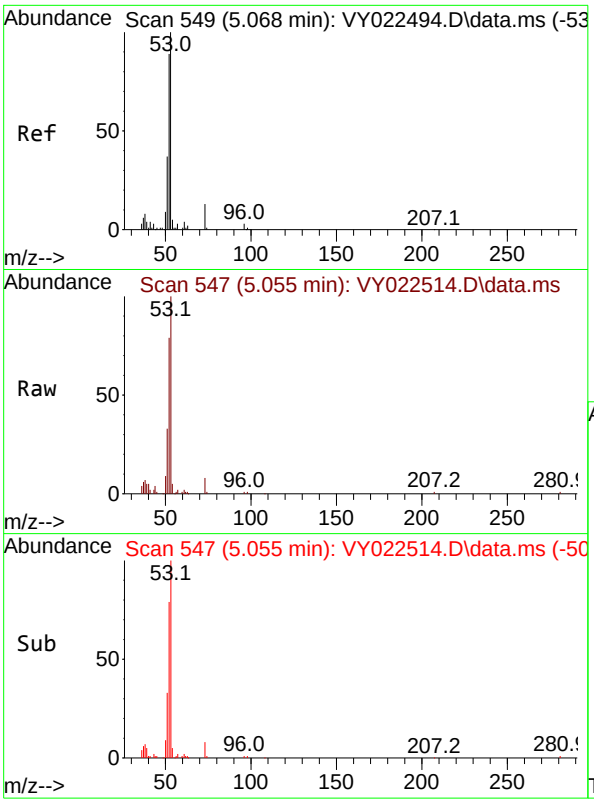


#14
Allyl chloride
Concen: 20.650 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 66730

Ion	Ratio	Lower	Upper
41	100		
39	89.3	69.1	103.7
76	42.2	33.5	50.3



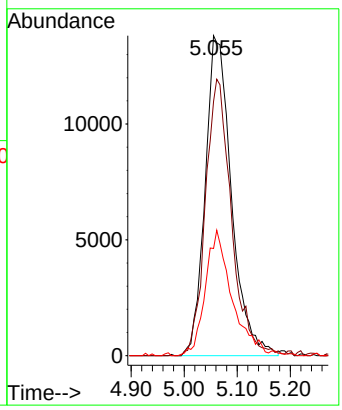


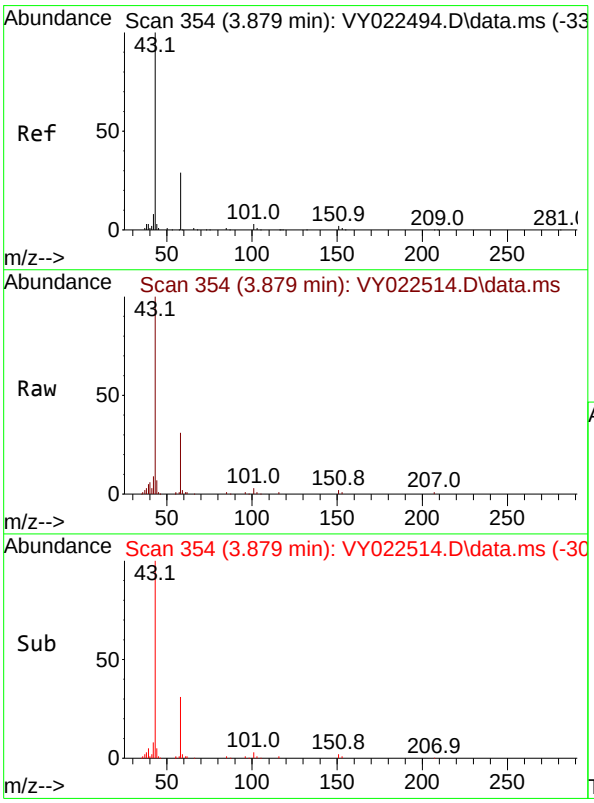
#15
Acrylonitrile
Concen: 97.686 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 53 Resp: 47639

Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.7	98.5
51	39.7	30.1	45.1

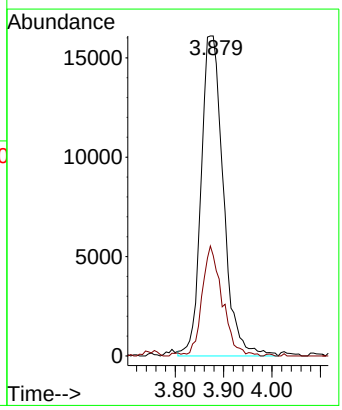


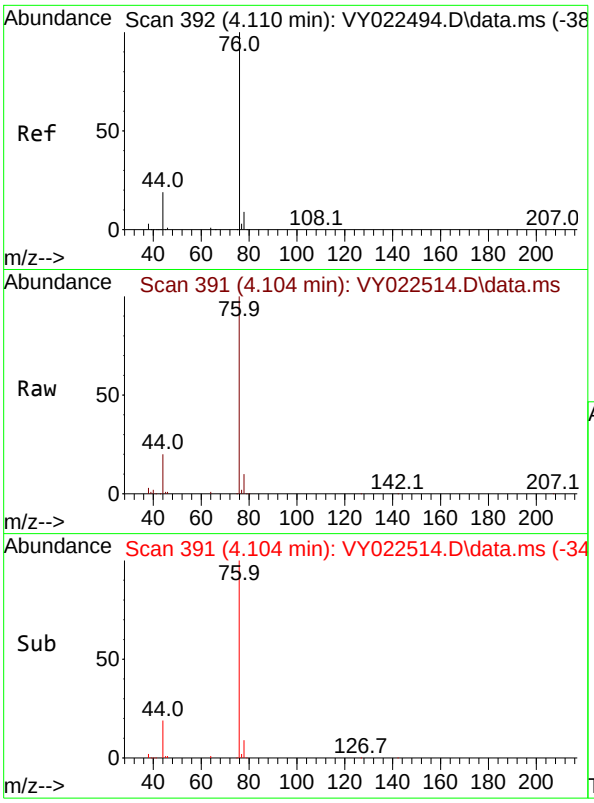


#16
Acetone
Concen: 115.345 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 51428

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.0	36.0



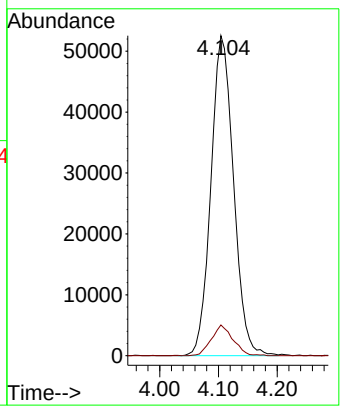


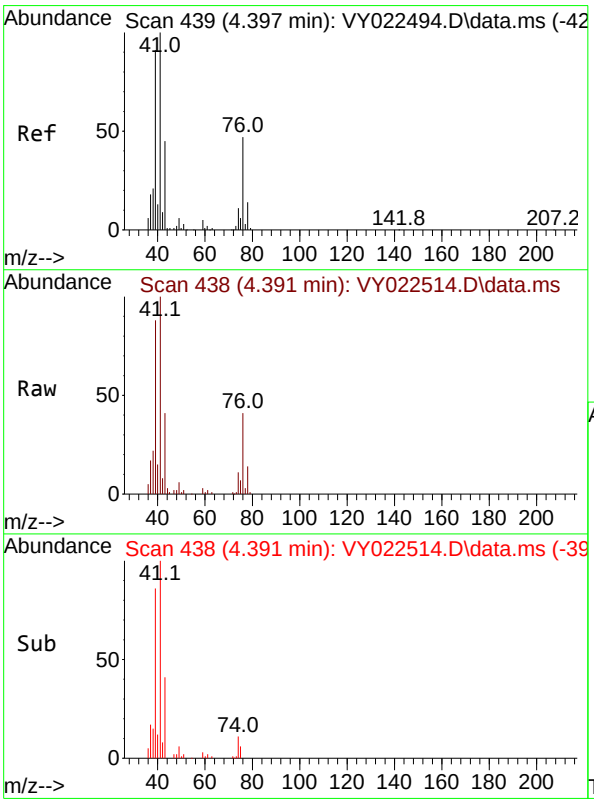
#17
Carbon Disulfide
Concen: 21.348 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 76 Resp: 140692

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

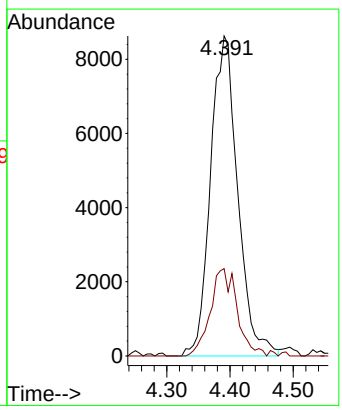


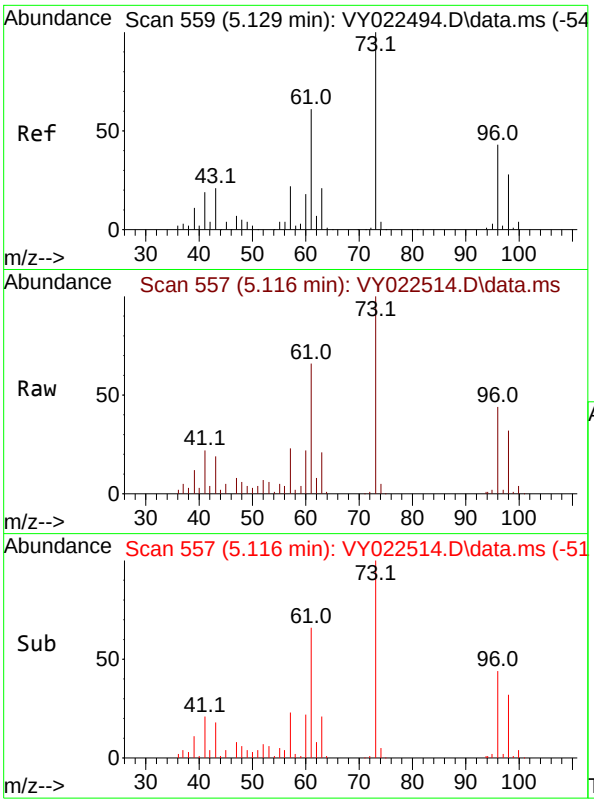


#18
Methyl Acetate
Concen: 19.498 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 25743

Ion	Ratio	Lower	Upper
43	100		
74	26.8	19.8	29.6



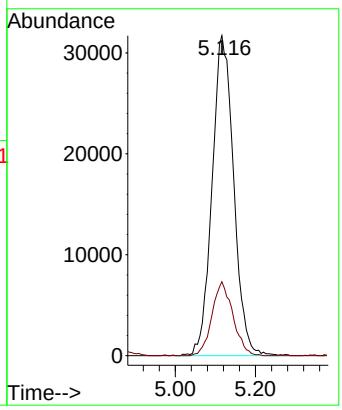


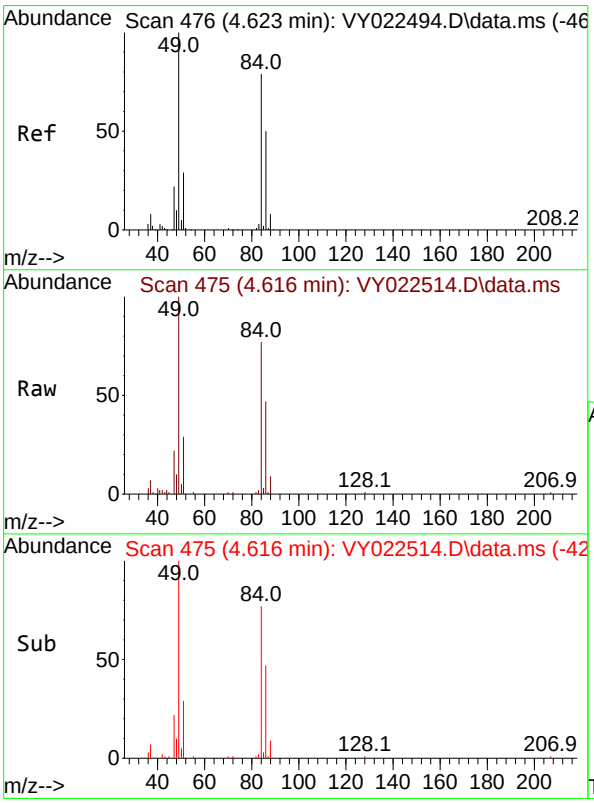
#19
Methyl tert-butyl Ether
Concen: 20.454 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 73 Resp: 118588

Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.4	26.0

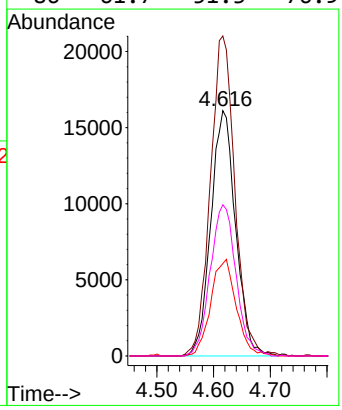


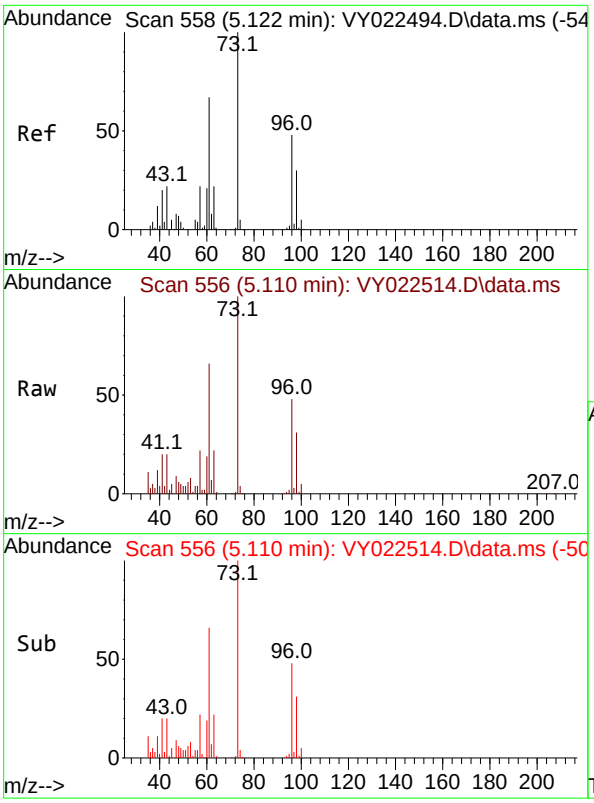


#20
Methylene Chloride
Concen: 19.308 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 84 Resp: 48900

Ion	Ratio	Lower	Upper
84	100		
49	130.5	101.9	152.9
51	37.6	29.8	44.8
86	61.7	51.3	76.9



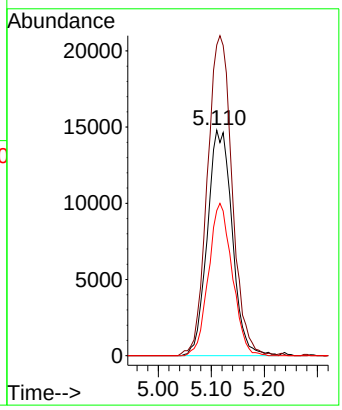


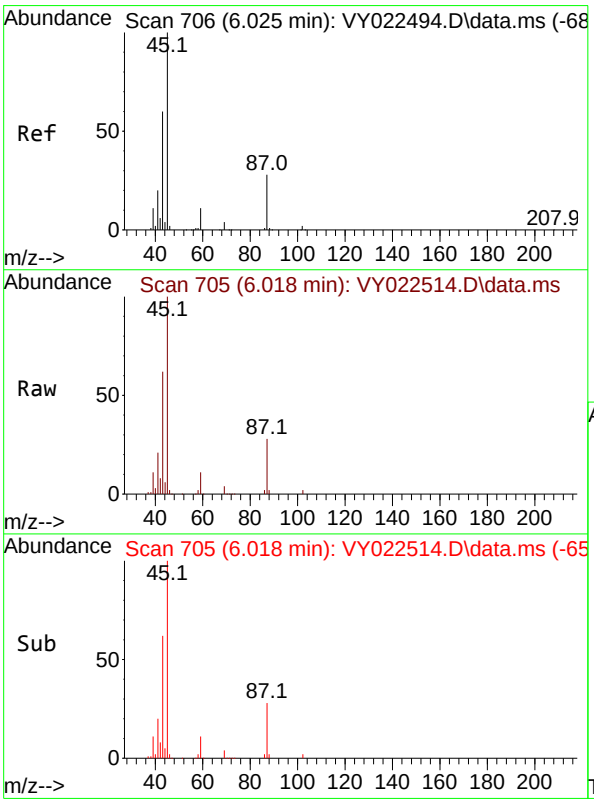
#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 96 Resp: 48144

Ion	Ratio	Lower	Upper
96	100		
61	137.9	112.6	169.0
98	64.4	50.6	75.8

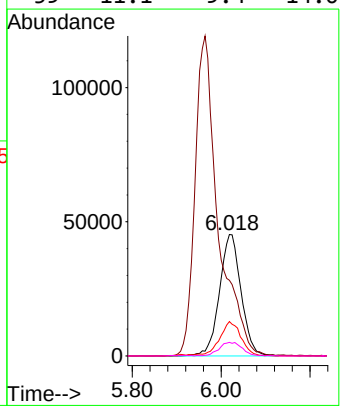


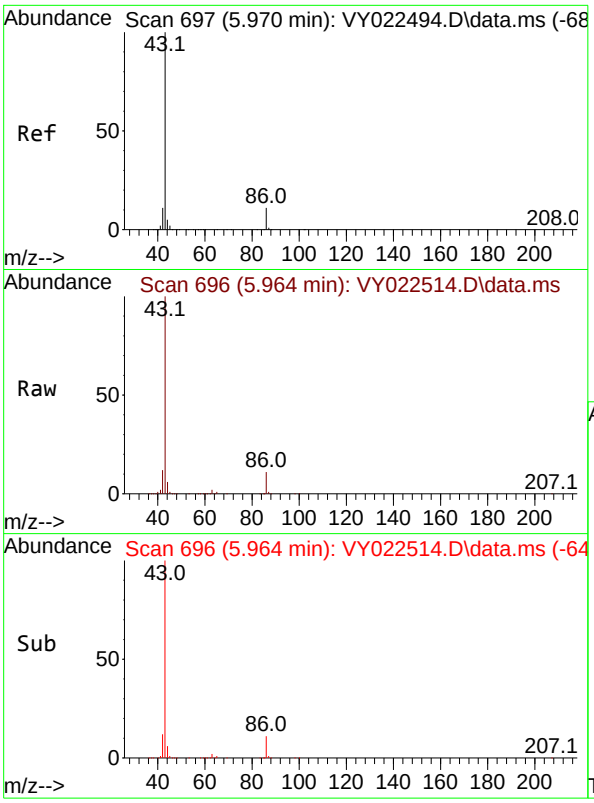


#22
Diisopropyl ether
Concen: 21.175 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 45 Resp: 152316

Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.3	72.5
87	28.3	23.0	34.6
59	11.1	9.4	14.0



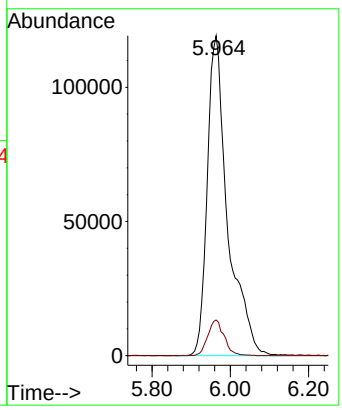


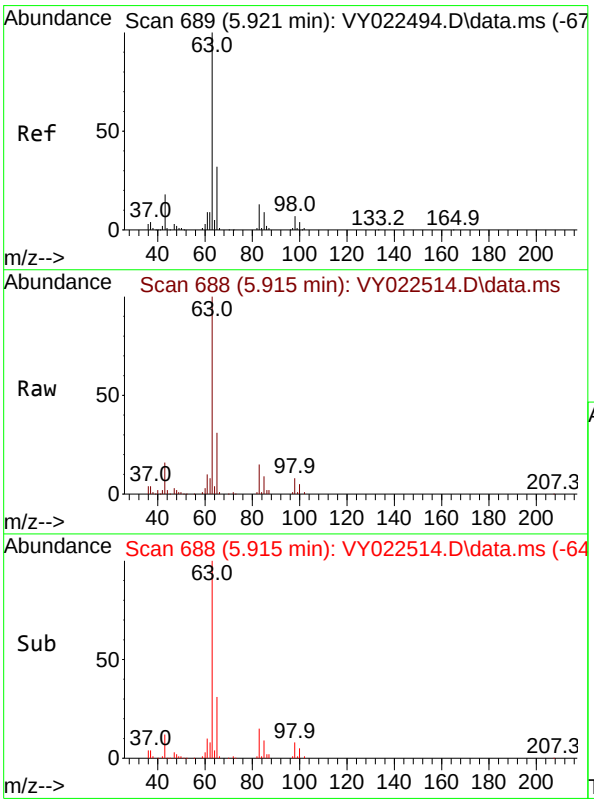
#23
Vinyl Acetate
Concen: 101.150 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 430636

Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.6	12.8

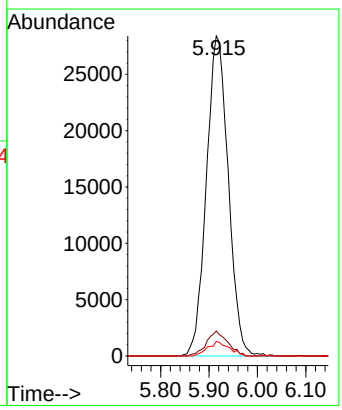


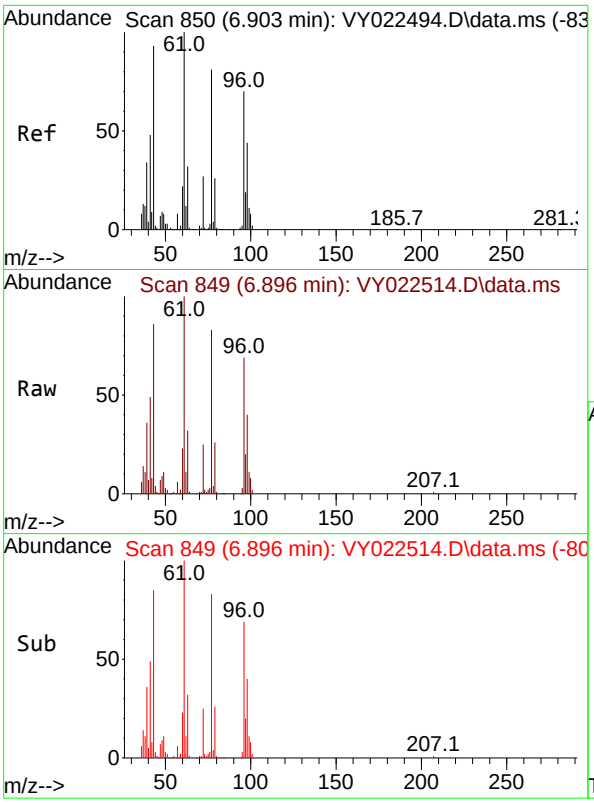


#24
1,1-Dichloroethane
Concen: 21.074 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 89303

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.4	10.1
100	4.6	2.1	6.3



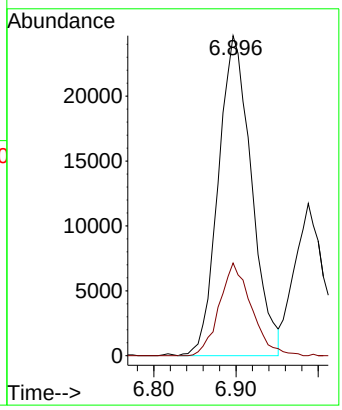


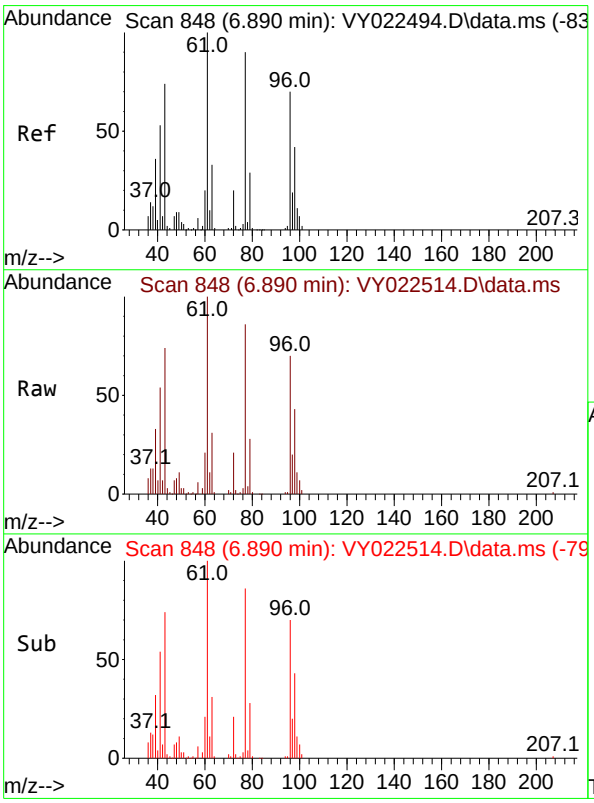
#25
2-Butanone
Concen: 107.575 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 69185

Ion	Ratio	Lower	Upper
43	100		
72	28.9	22.9	34.3

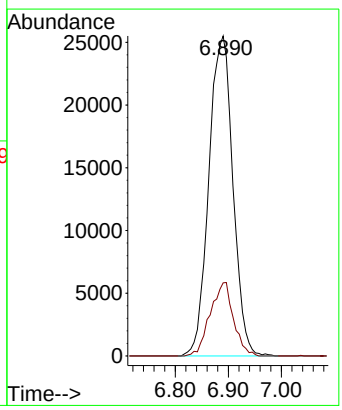


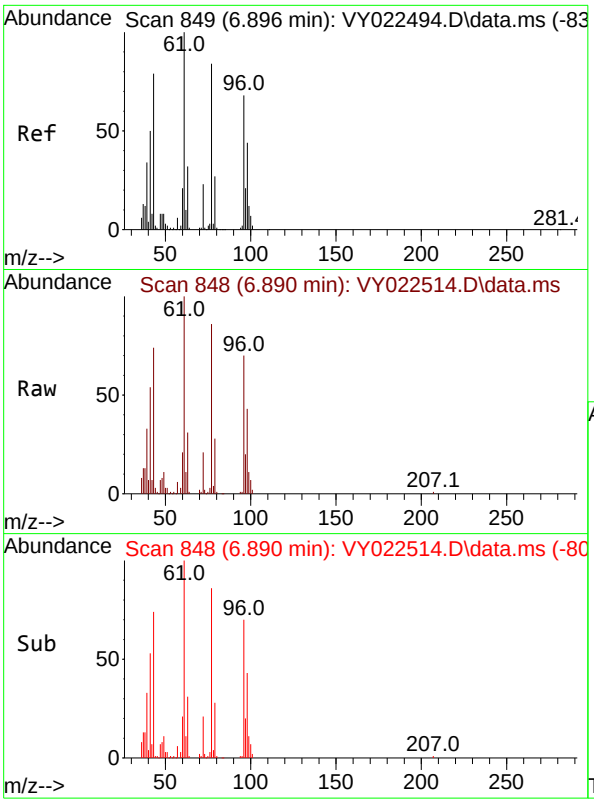


#26
2,2-Dichloropropane
Concen: 21.464 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 77 Resp: 80364

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.4	34.2



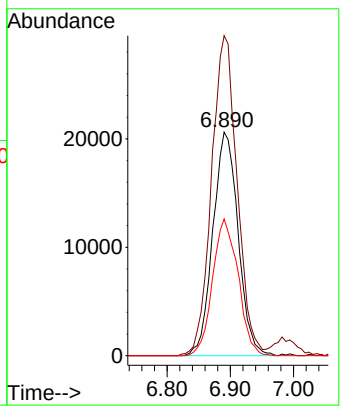


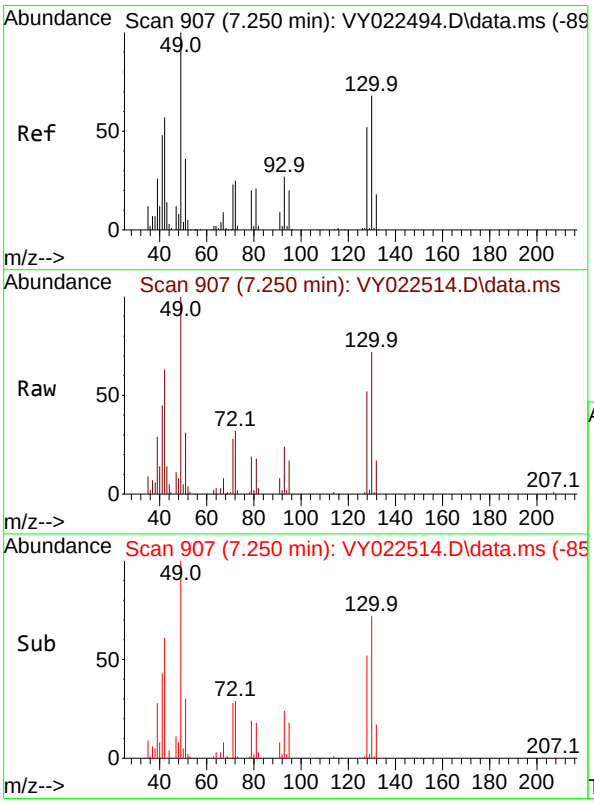
#27
cis-1,2-Dichloroethene
Concen: 21.440 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 96 Resp: 57093

Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	290.0
98	61.8	0.0	128.4

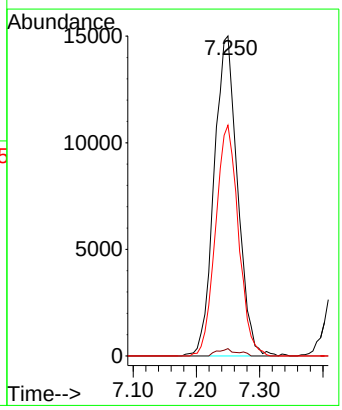


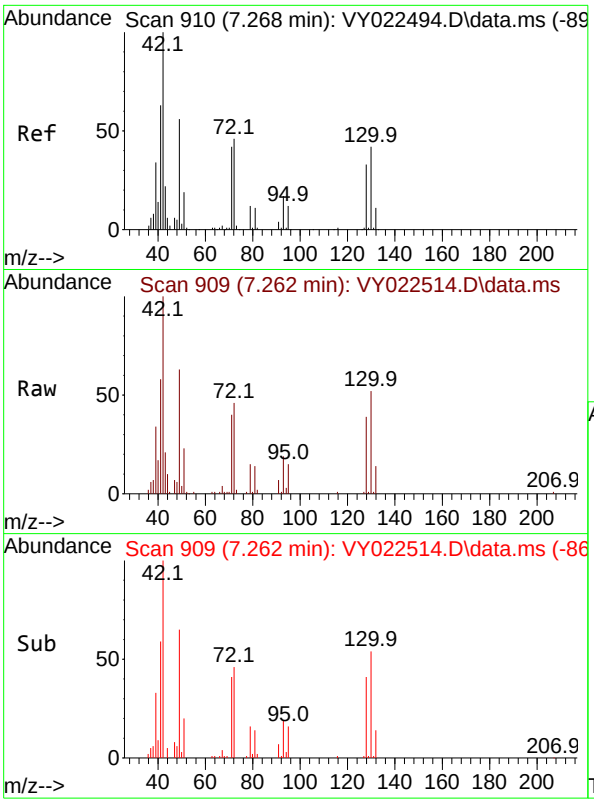


#28
Bromochloromethane
Concen: 20.841 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 49 Resp: 38497

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	70.6	55.7	83.5



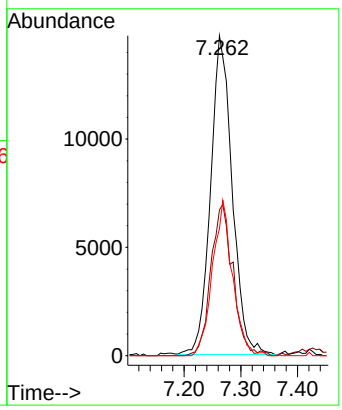


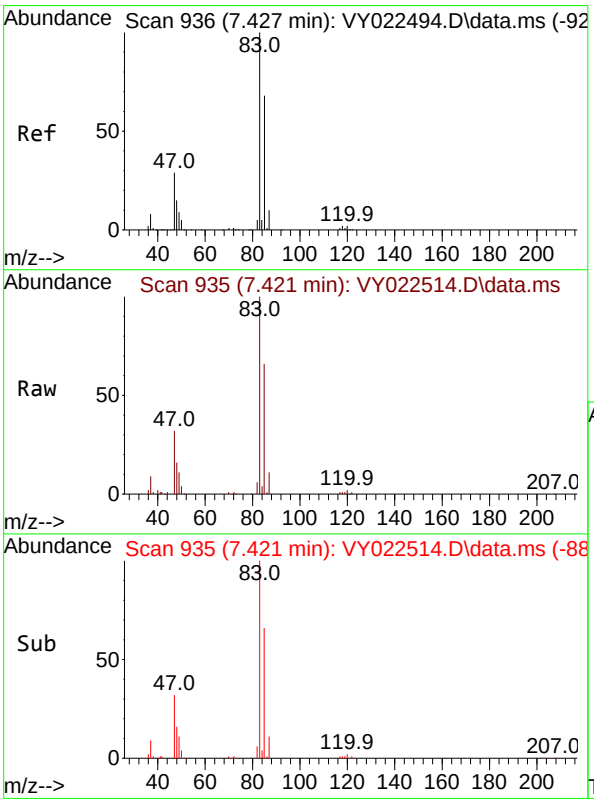
#29
Tetrahydrofuran
Concen: 94.187 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 42 Resp: 39069

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	45.3	34.2	51.2

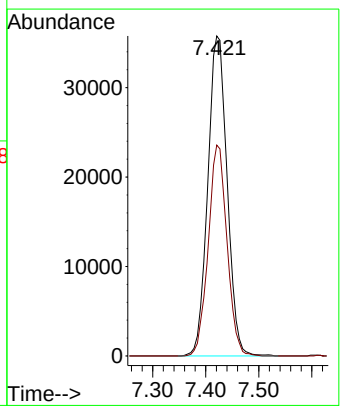


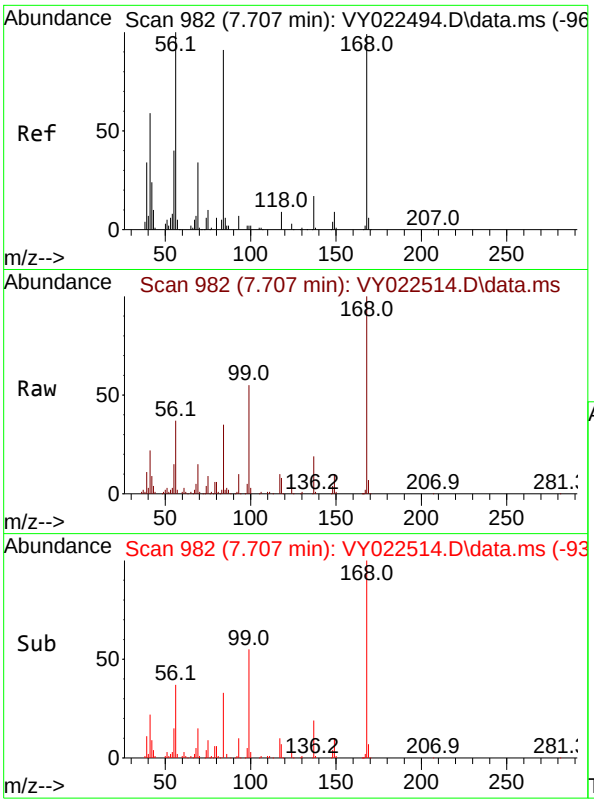


#30
Chloroform
Concen: 21.576 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 83 Resp: 90558

Ion	Ratio	Lower	Upper
83	100		
85	65.9	54.2	81.4



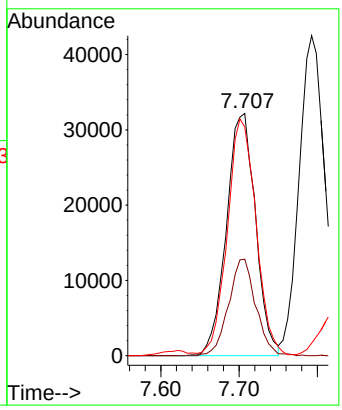


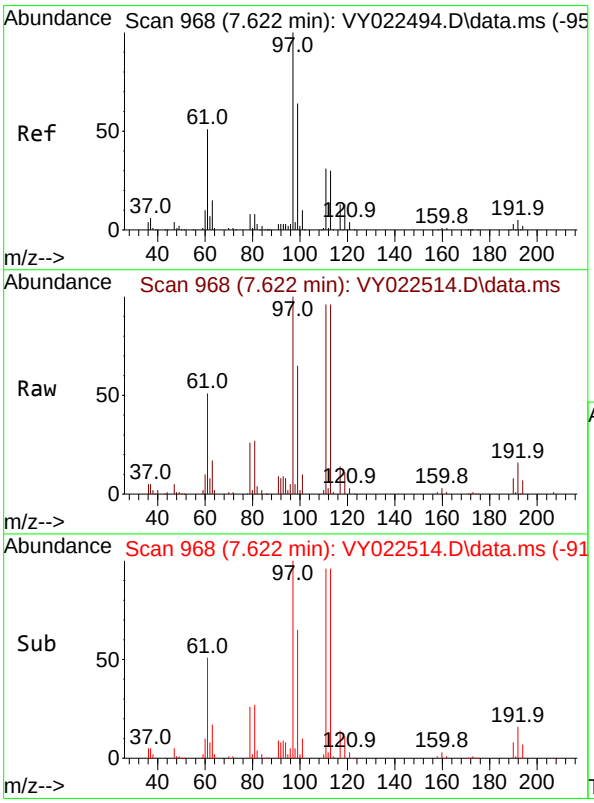
#31
Cyclohexane
Concen: 19.710 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 56 Resp: 83149

Ion	Ratio	Lower	Upper
56	100		
69	39.9	27.0	40.6
84	92.2	72.6	109.0

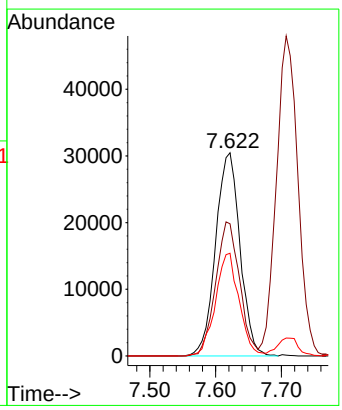


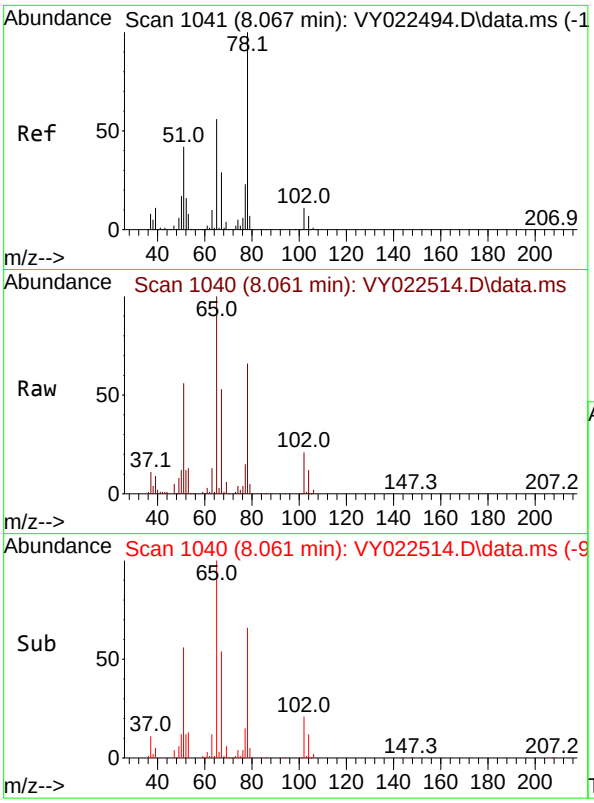


#32
1,1,1-Trichloroethane
Concen: 21.159 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 97 Resp: 78839

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	49.1	38.5	57.7



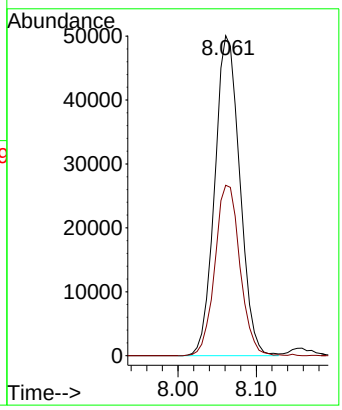


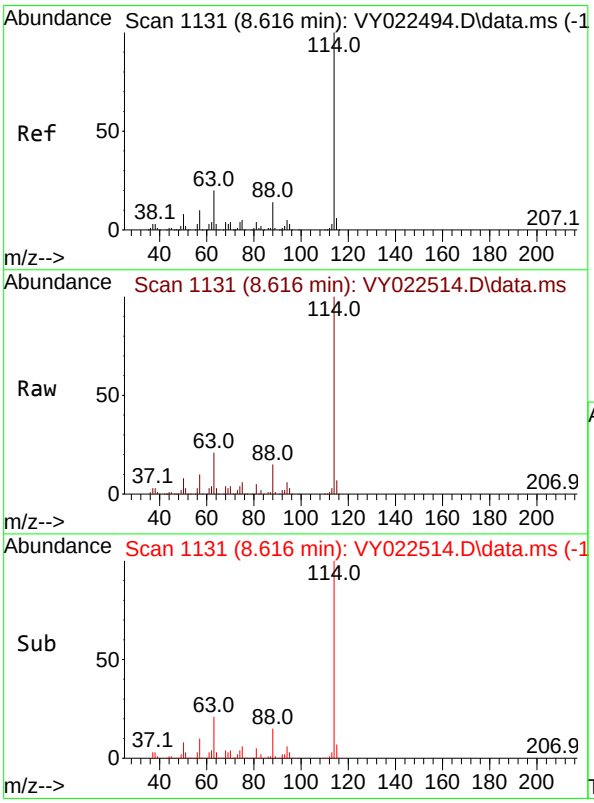
#33
1,2-Dichloroethane-d4
Concen: 50.655 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 65 Resp: 111211

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4

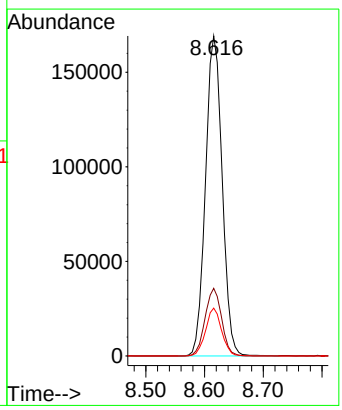


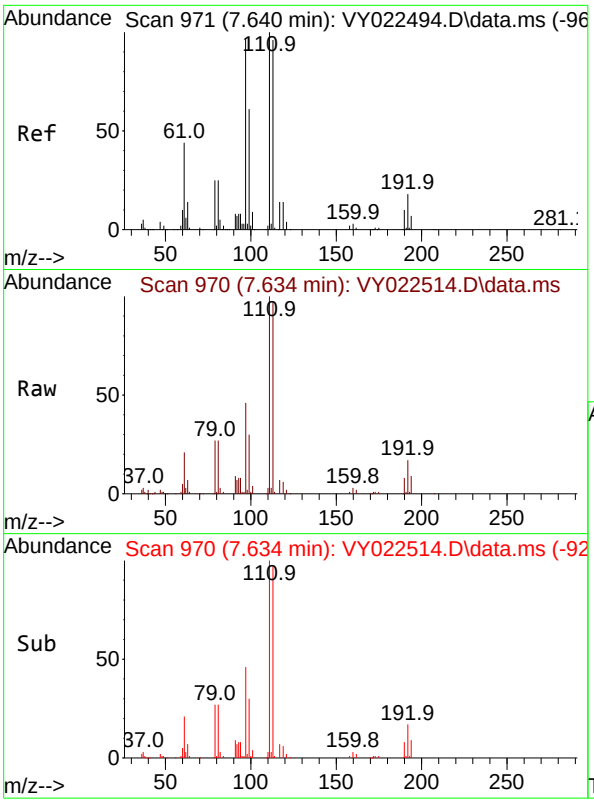


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:114 Resp: 333757

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	14.9	0.0	27.8



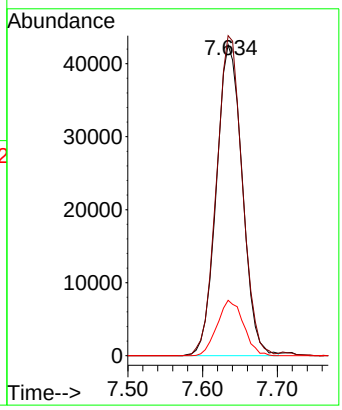


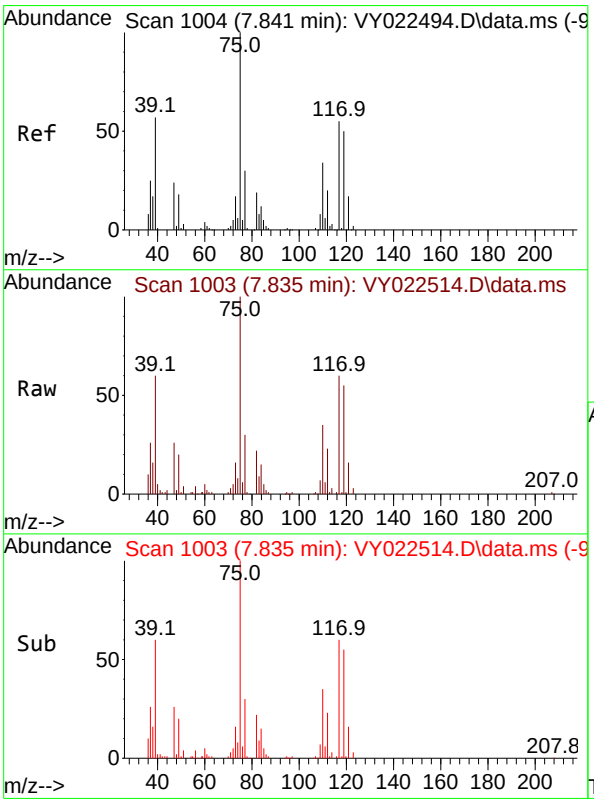
#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:113 Resp: 102540

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.1	14.2	21.2

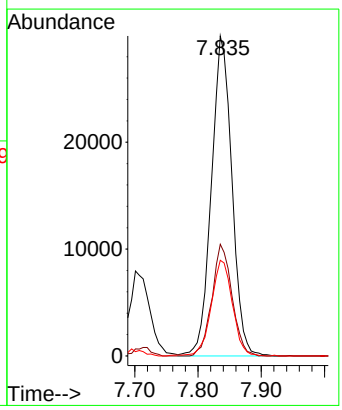


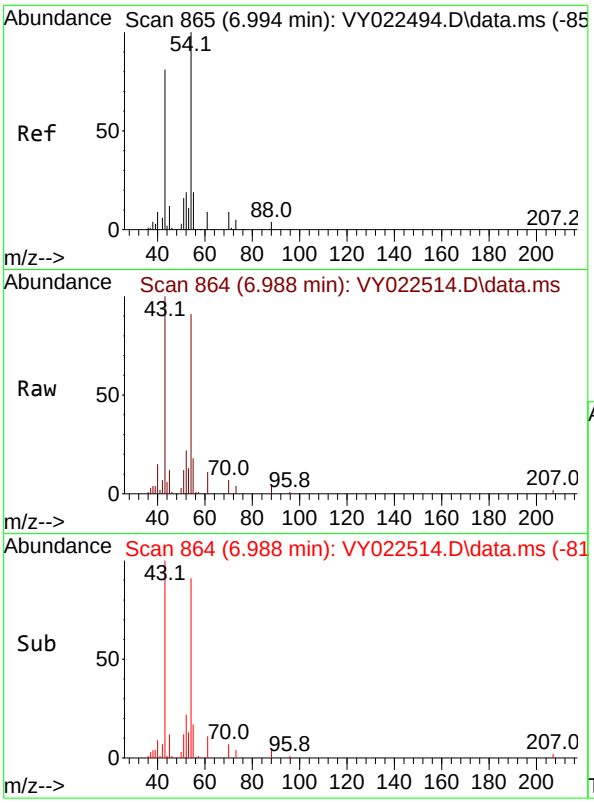


#36
1,1-Dichloropropene
Concen: 20.845 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 67396

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.9	24.8	37.2



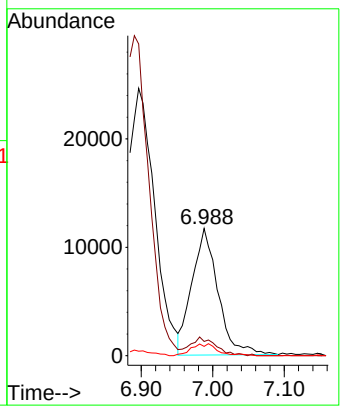


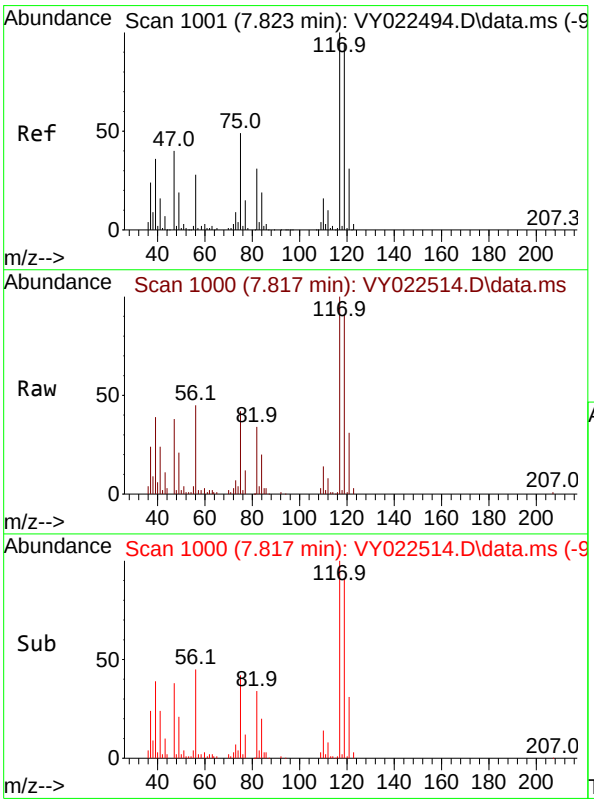
#37
Ethyl Acetate
Concen: 20.551 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 29632

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	9.0	7.2	10.8

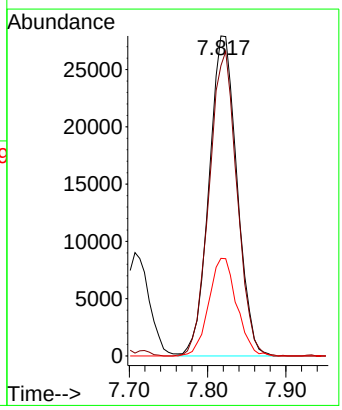


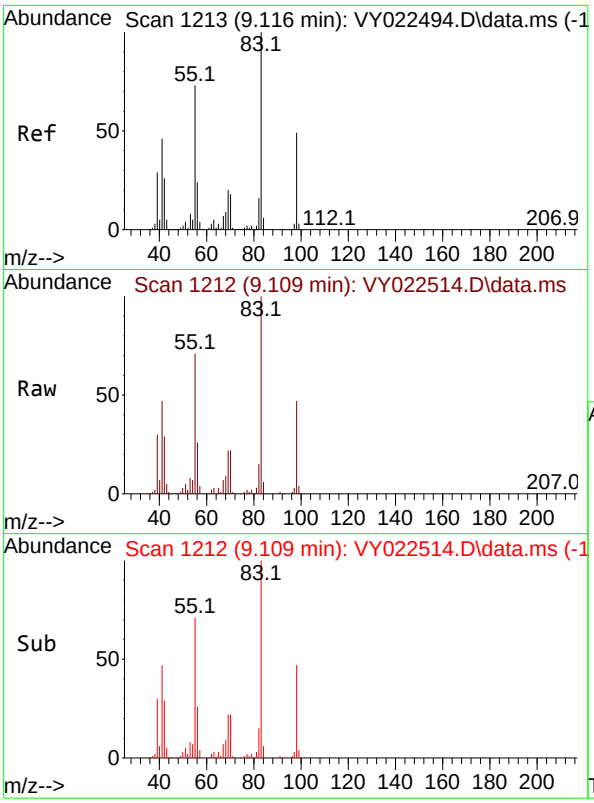


#38
Carbon Tetrachloride
Concen: 20.862 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:117 Resp: 69195

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.0	112.6
121	30.5	25.0	37.4



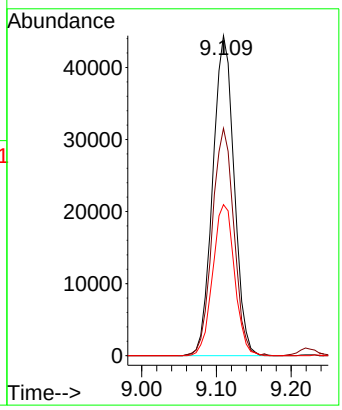


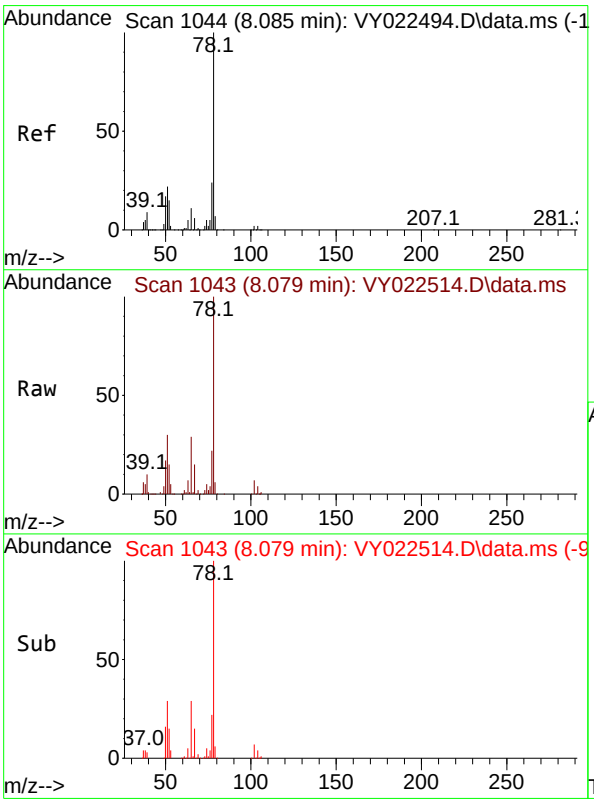
#39
Methylcyclohexane
Concen: 20.323 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 83 Resp: 88301

Ion	Ratio	Lower	Upper
83	100		
55	71.1	58.1	87.1
98	47.2	39.0	58.6

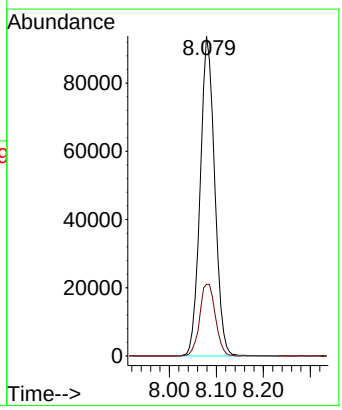


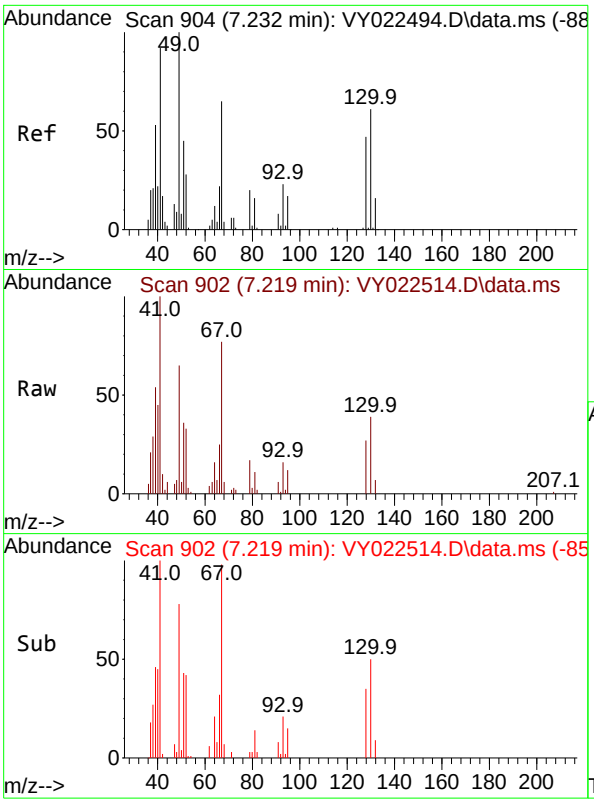


#40
Benzene
Concen: 21.041 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 78 Resp: 200930

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.3	28.9



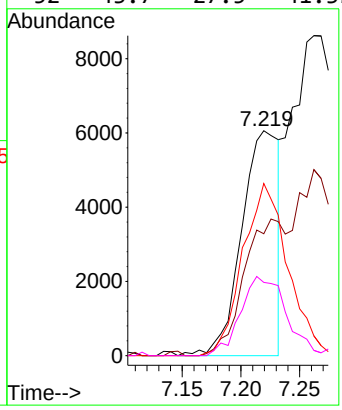


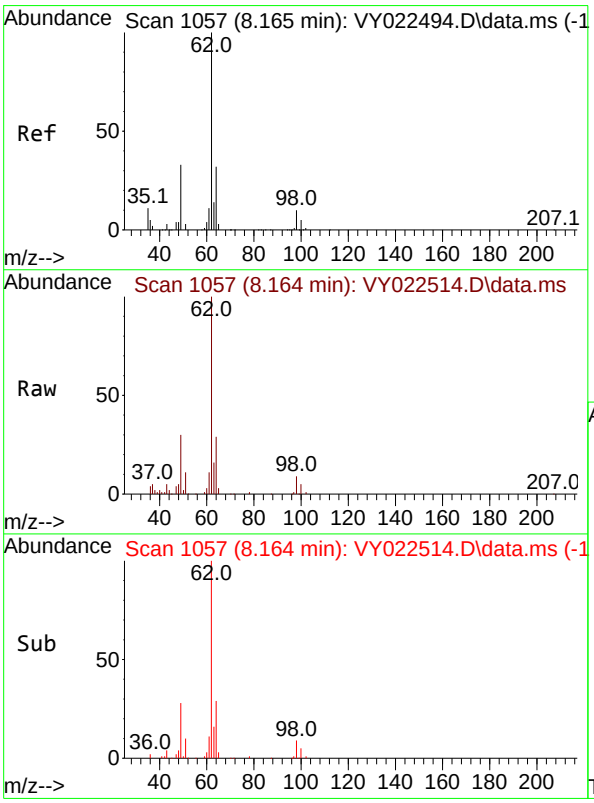
#41
Methacrylonitrile
Concen: 15.837 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 41 Resp: 13338

Ion	Ratio	Lower	Upper
41	100		
39	67.2	46.6	69.8
67	93.5	63.3	94.9
52	43.7	27.5	41.3#

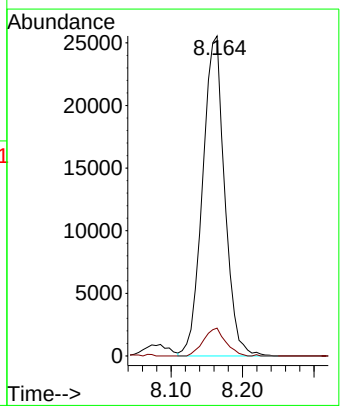


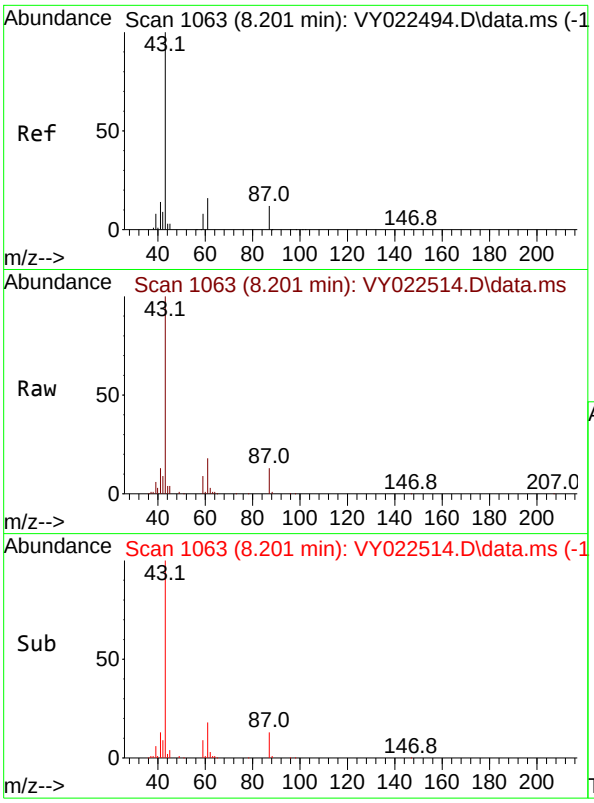


#42
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 62 Resp: 54776

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2



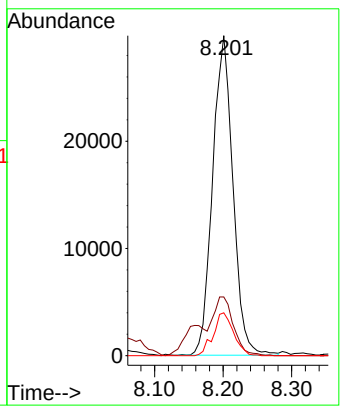


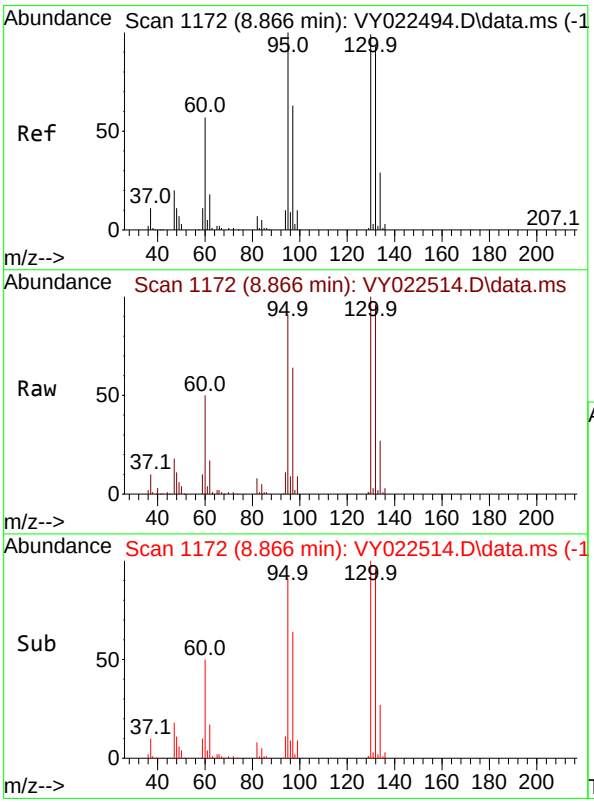
#43
Isopropyl Acetate
Concen: 19.728 ug/l
RT: 8.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 61432

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.6	23.4
87	13.4	10.2	15.4

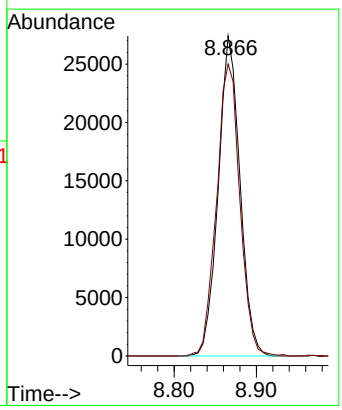


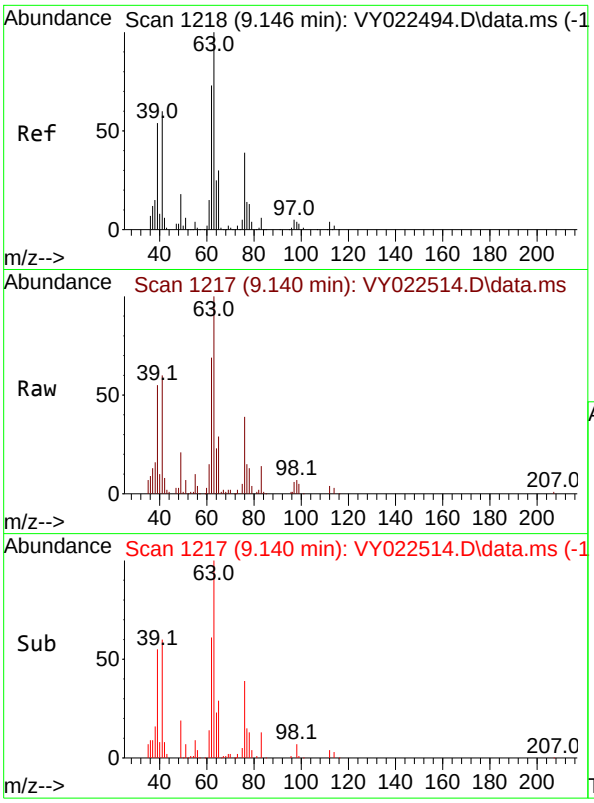


#44
Trichloroethene
Concen: 21.548 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:130 Resp: 50293

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	203.0



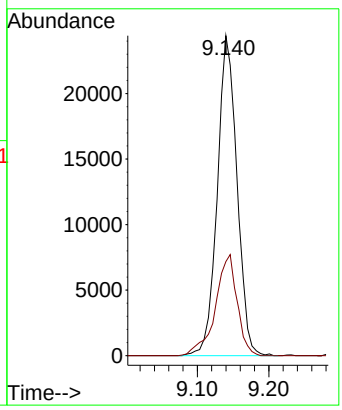


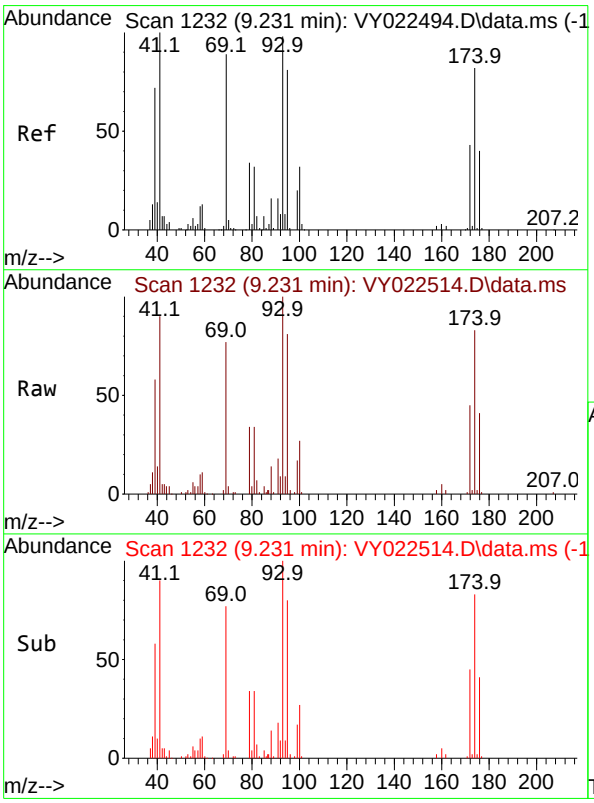
#45
1,2-Dichloropropane
Concen: 20.665 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 63 Resp: 46638

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.0	36.0

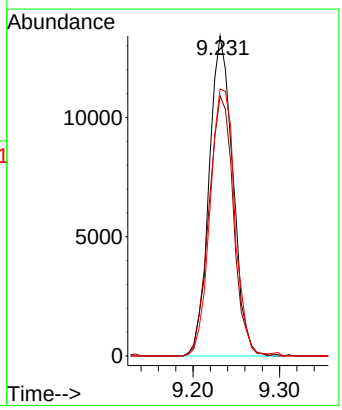


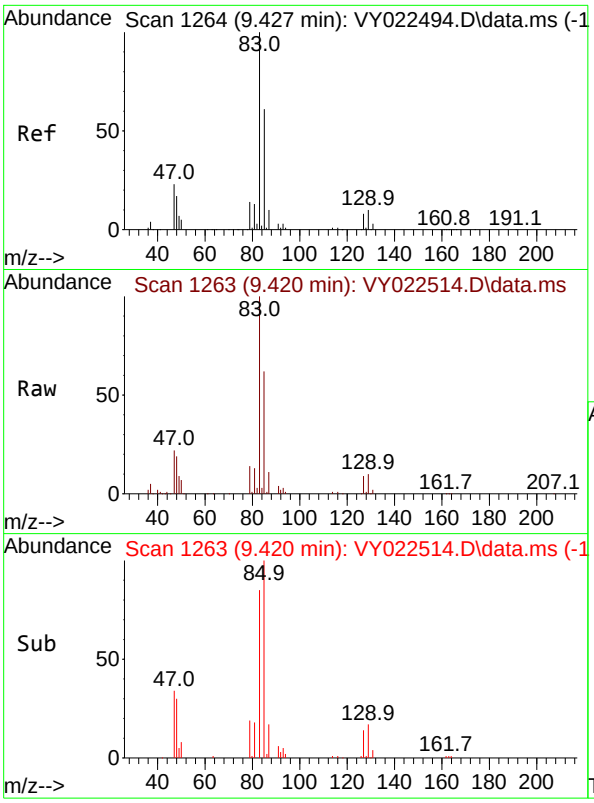


#46
Dibromomethane
Concen: 20.051 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 93 Resp: 25459

Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.6	98.4
174	87.0	70.4	105.6



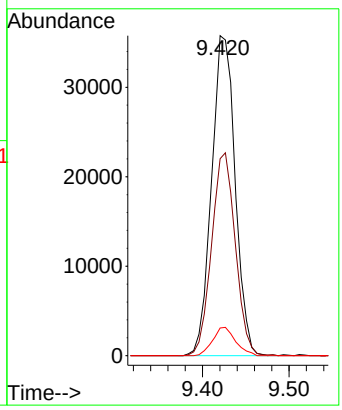


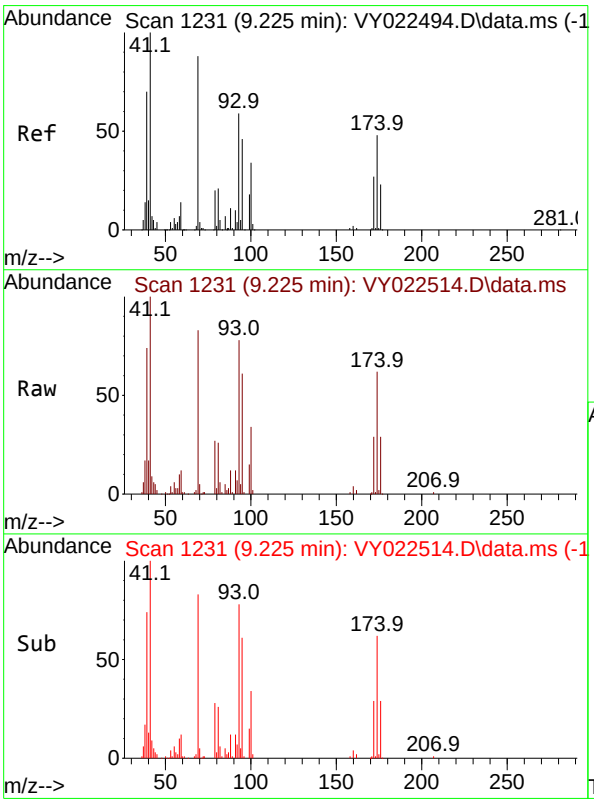
#47
Bromodichloromethane
Concen: 20.989 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 83 Resp: 67575

Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.1	73.7
127	8.7	6.2	9.4

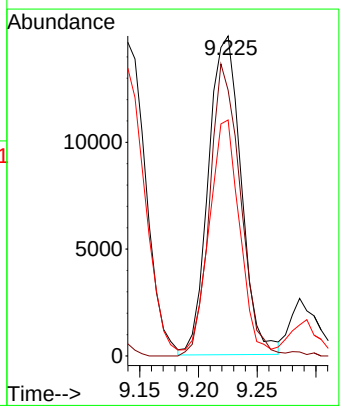


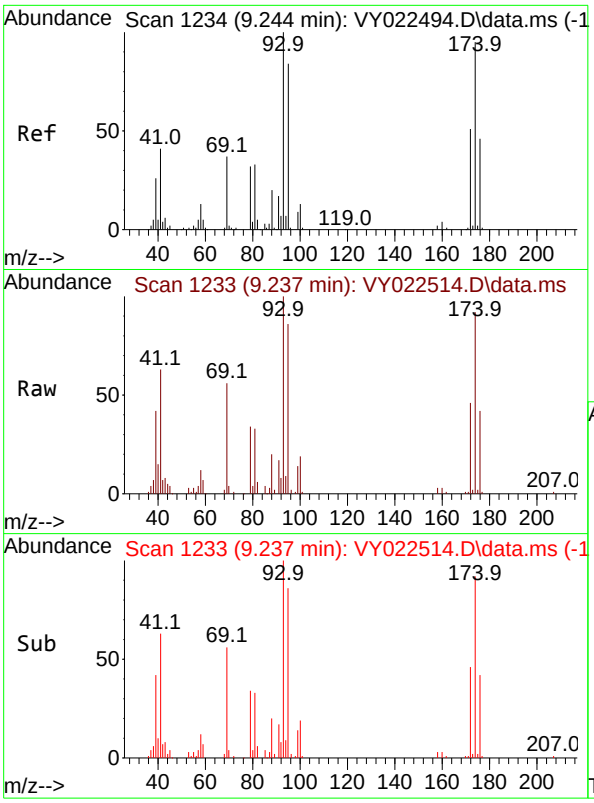


#48
Methyl methacrylate
Concen: 19.815 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 28959

Ion	Ratio	Lower	Upper
41	100		
69	85.3	67.8	101.8
39	65.7	55.0	82.4



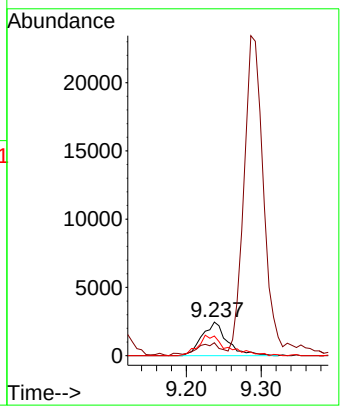


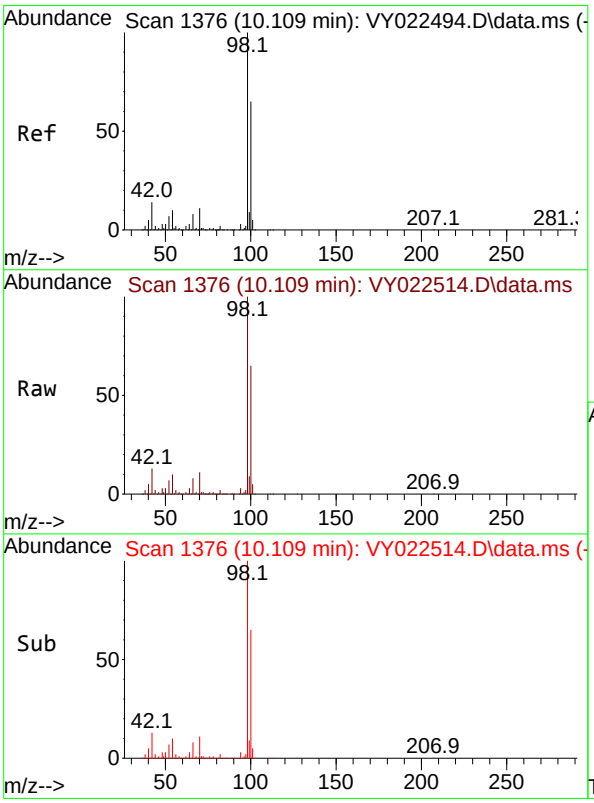
#49
1,4-Dioxane
Concen: 380.729 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 88 Resp: 5727

Ion	Ratio	Lower	Upper
88	100		
43	38.0	25.4	38.2
58	70.1	54.9	82.3

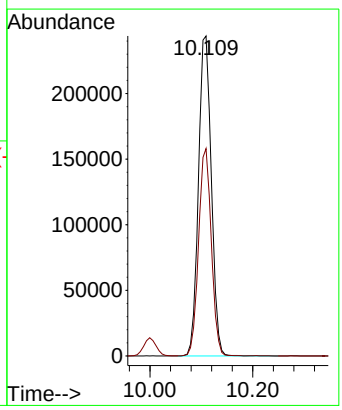


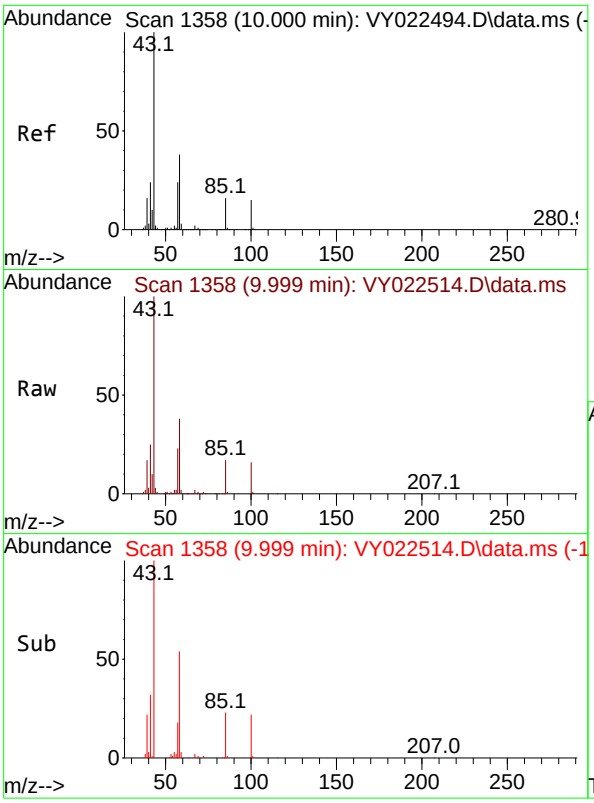


#50
Toluene-d8
Concen: 52.622 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 98 Resp: 423577

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0



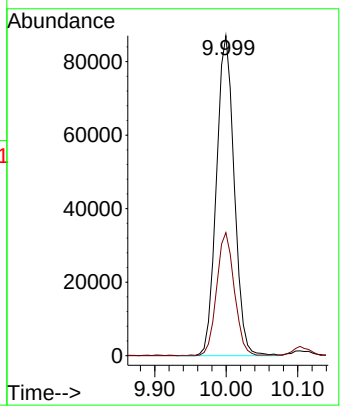


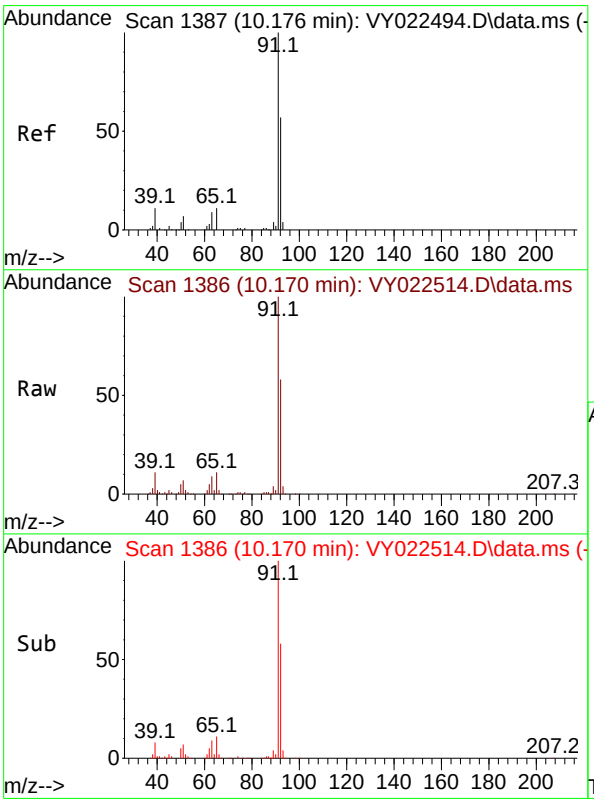
#51
4-Methyl-2-Pentanone
Concen: 96.879 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 150410

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6

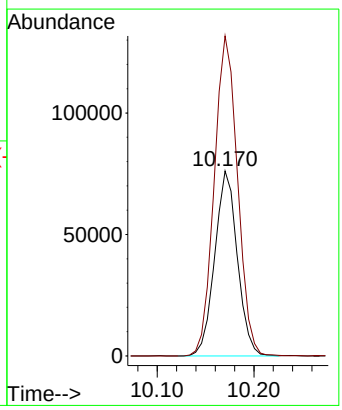


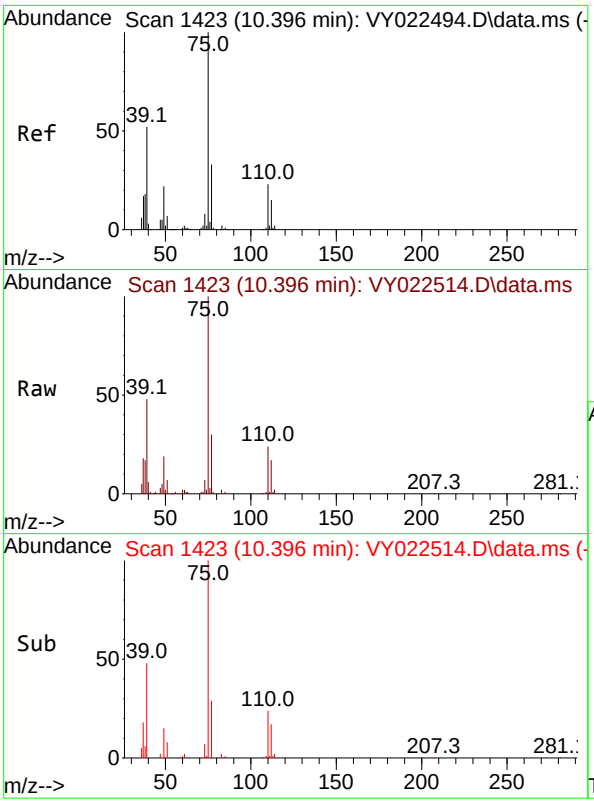


#52
Toluene
Concen: 20.539 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 92 Resp: 123263

Ion	Ratio	Lower	Upper
92	100		
91	178.8	139.0	208.4



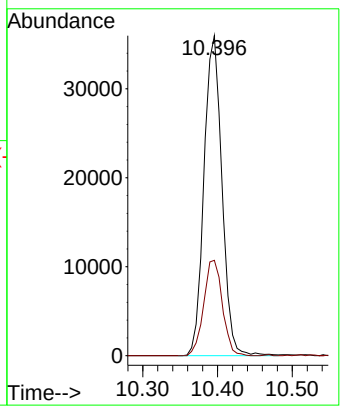


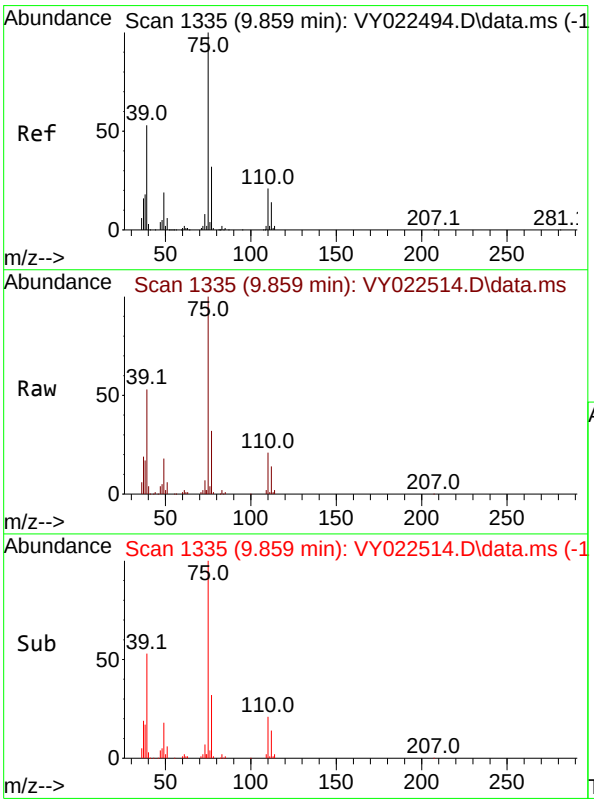
#53
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 10.396 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 75 Resp: 60064

Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.5	39.7

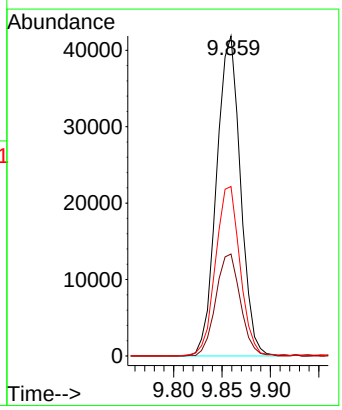


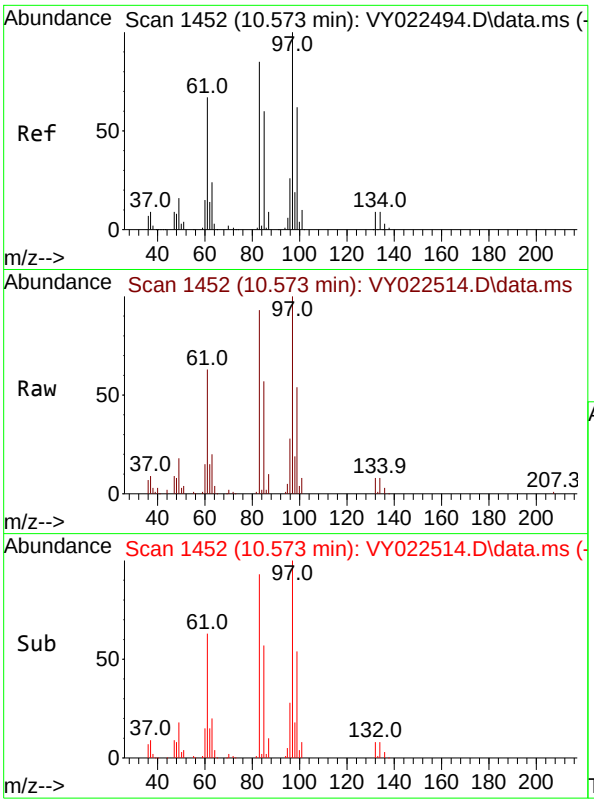


#54
cis-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 71904

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	53.0	42.7	64.1



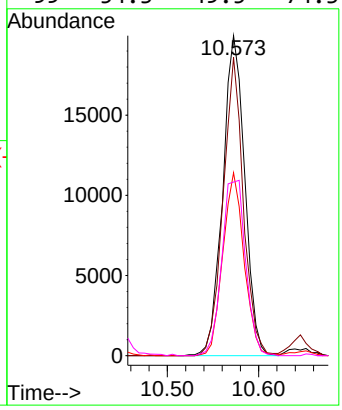


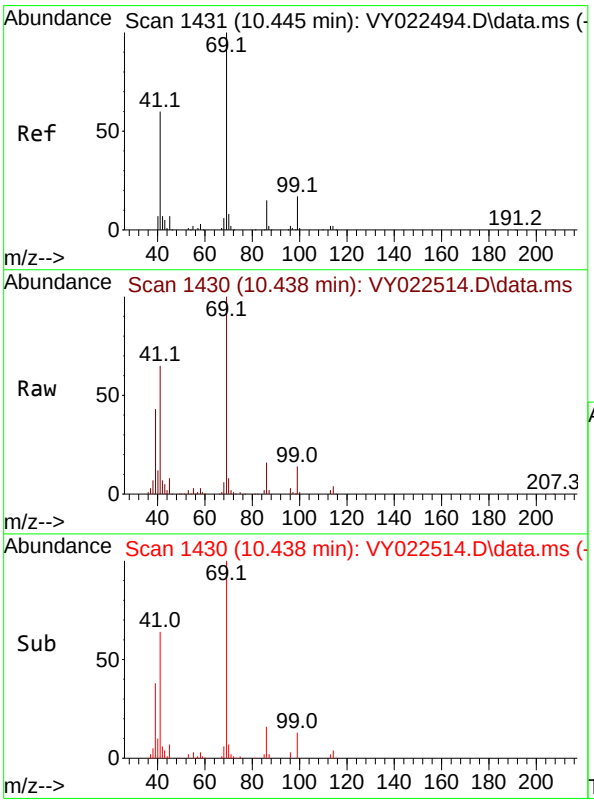
#55
1,1,2-Trichloroethane
Concen: 20.628 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 97 Resp: 33397

Ion	Ratio	Lower	Upper
97	100		
83	93.2	68.1	102.1
85	57.2	48.2	72.2
99	54.3	49.5	74.3

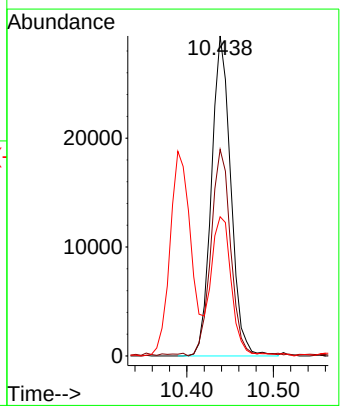


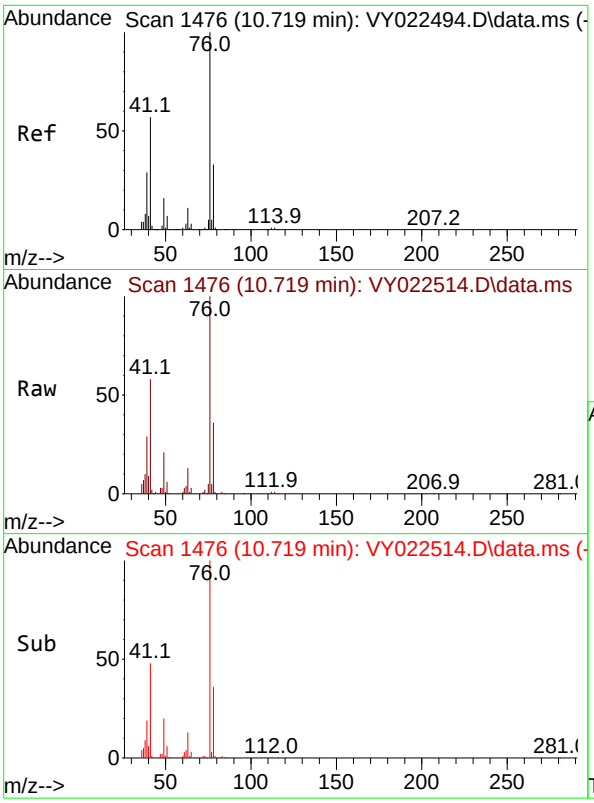


#56
Ethyl methacrylate
Concen: 19.510 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 69 Resp: 45653

Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.2	78.2
39	44.8	36.7	55.1



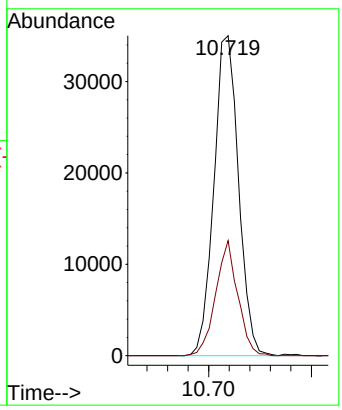


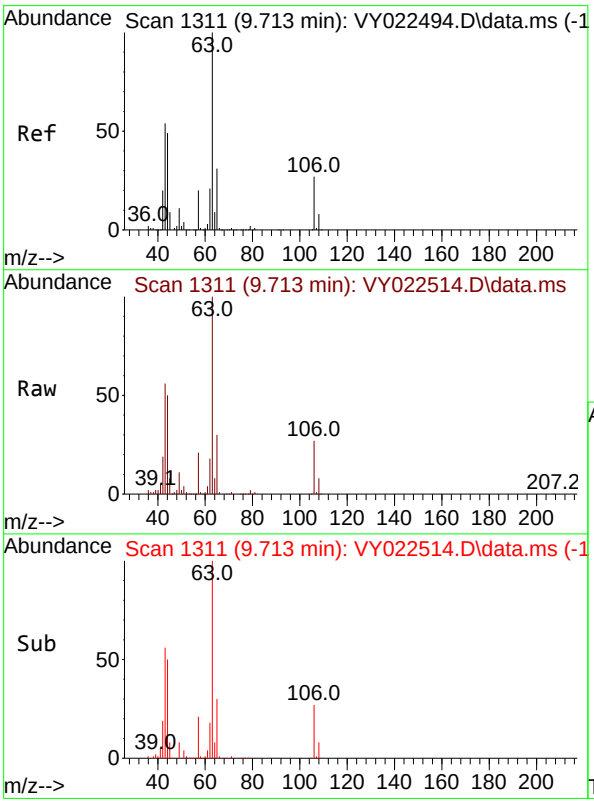
#57
1,3-Dichloropropane
Concen: 20.269 ug/l
RT: 10.719 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 76 Resp: 58164

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

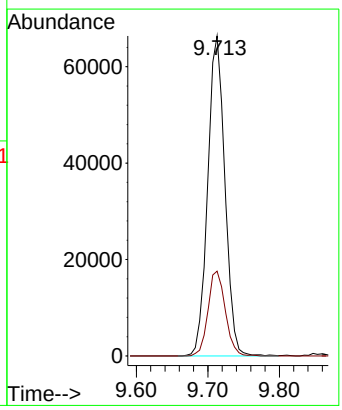


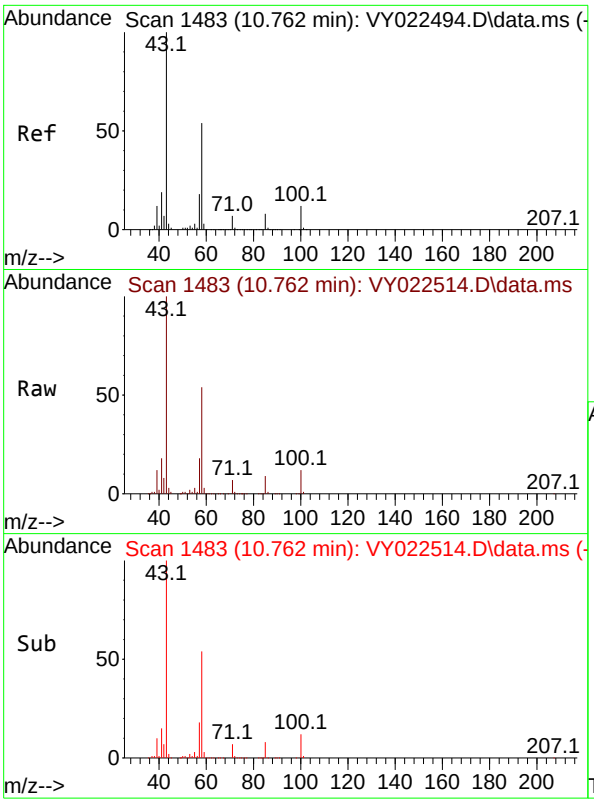


#58
2-Chloroethyl Vinyl ether
Concen: 104.188 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 110692

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.6	32.4



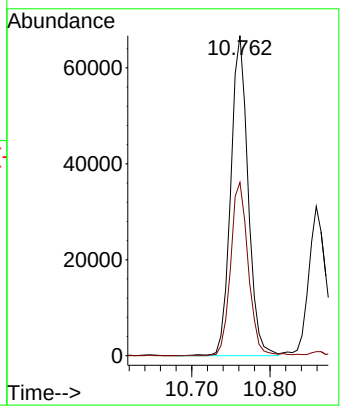


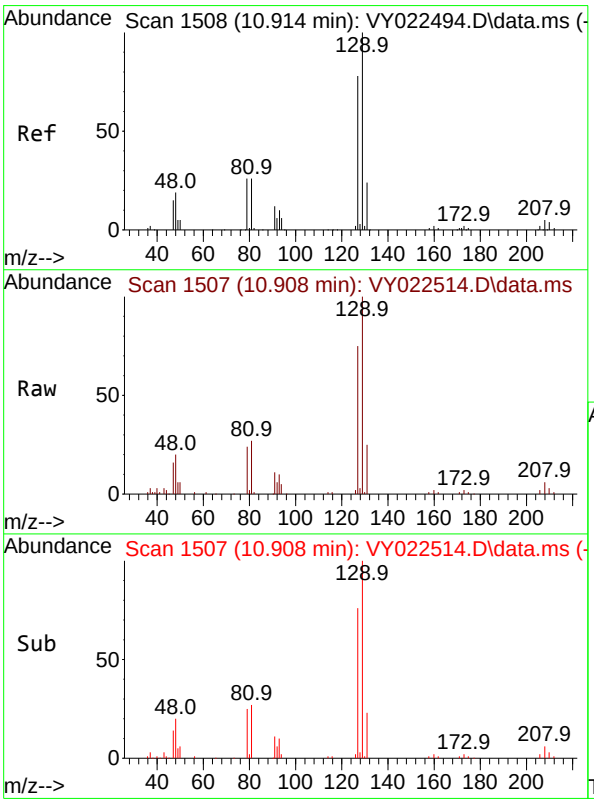
#59
2-Hexanone
Concen: 98.414 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 43 Resp: 102187

Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.3	81.8

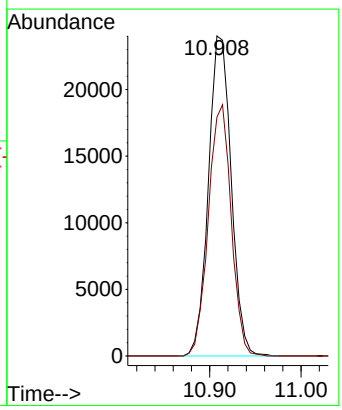


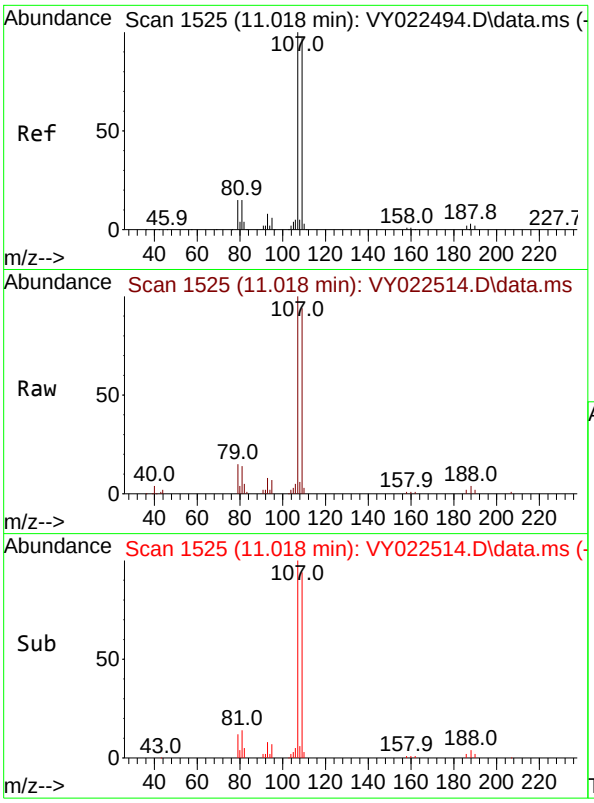


#60
Dibromochloromethane
Concen: 20.203 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:129 Resp: 41567

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2



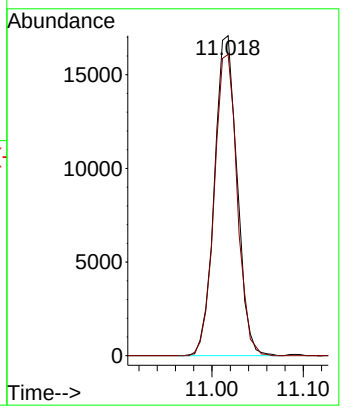


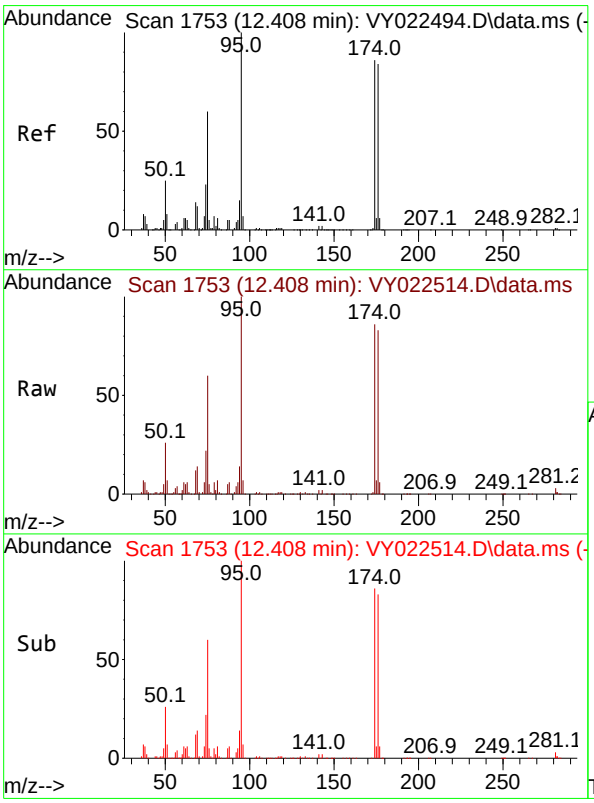
#61
1,2-Dibromoethane
Concen: 19.973 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:107 Resp: 29473

Ion	Ratio	Lower	Upper
107	100		
109	94.9	77.7	116.5

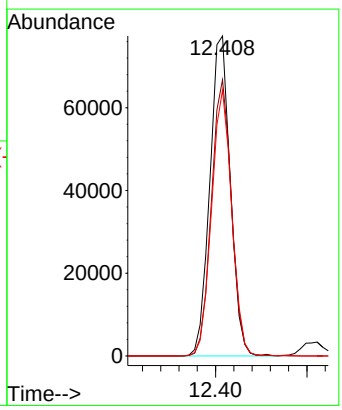


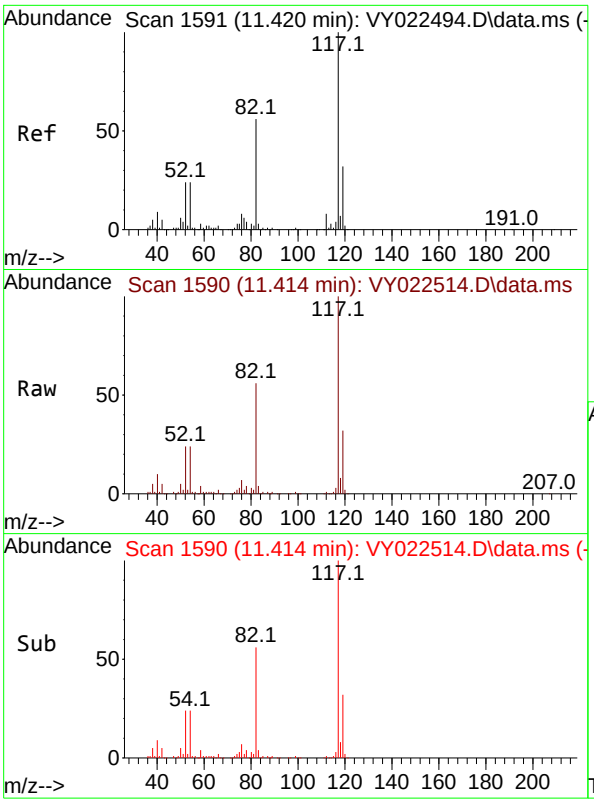


#62
4-Bromofluorobenzene
Concen: 50.086 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 95 Resp: 120123

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	170.0
176	81.8	0.0	166.2



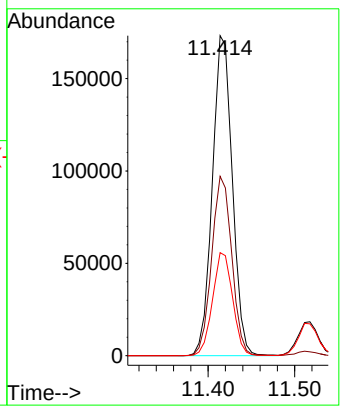


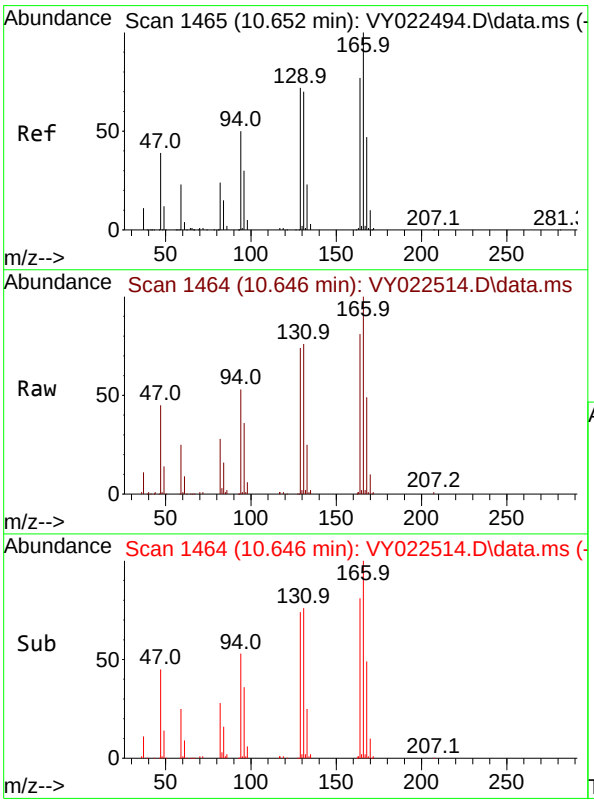
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:117 Resp: 277257

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	32.2	25.4	38.0

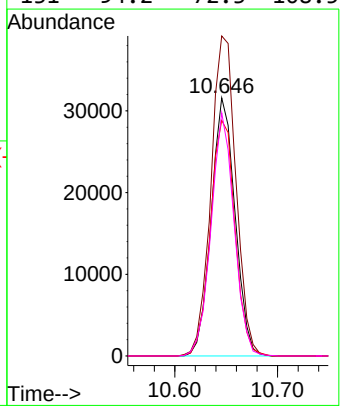


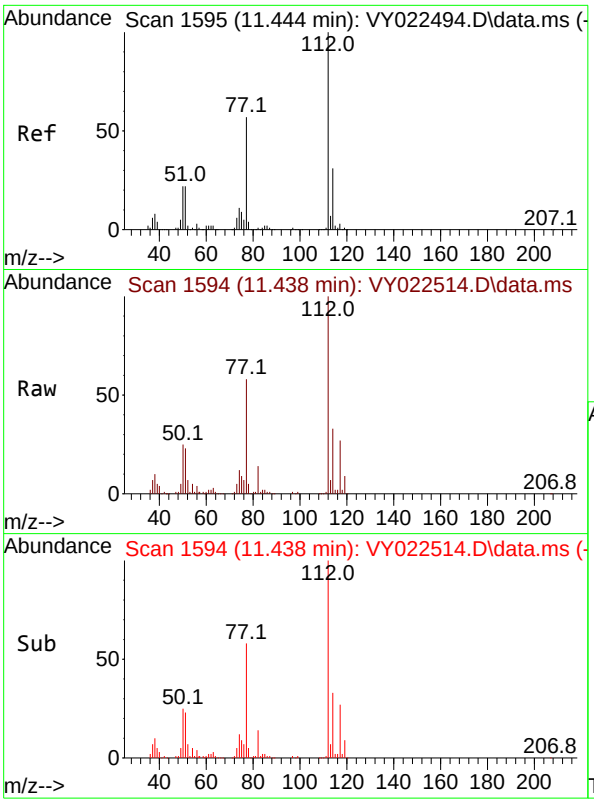


#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:164 Resp: 50817

Ion	Ratio	Lower	Upper
164	100		
166	124.0	104.0	156.0
129	91.3	74.5	111.7
131	94.2	72.3	108.5



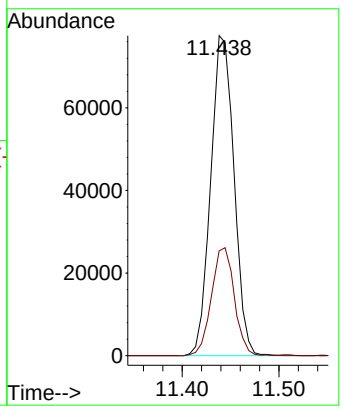


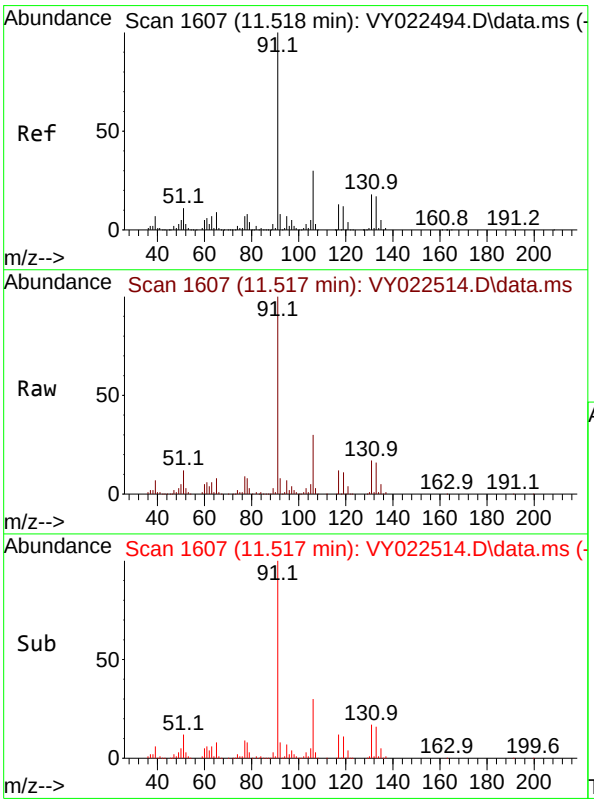
#65
Chlorobenzene
Concen: 21.140 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:112 Resp: 129702

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.0	37.6

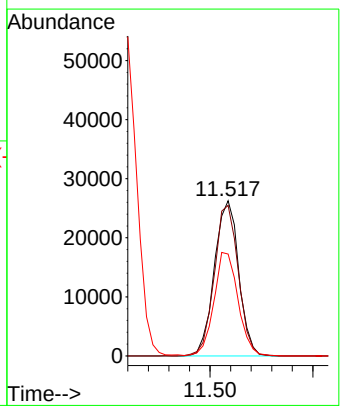


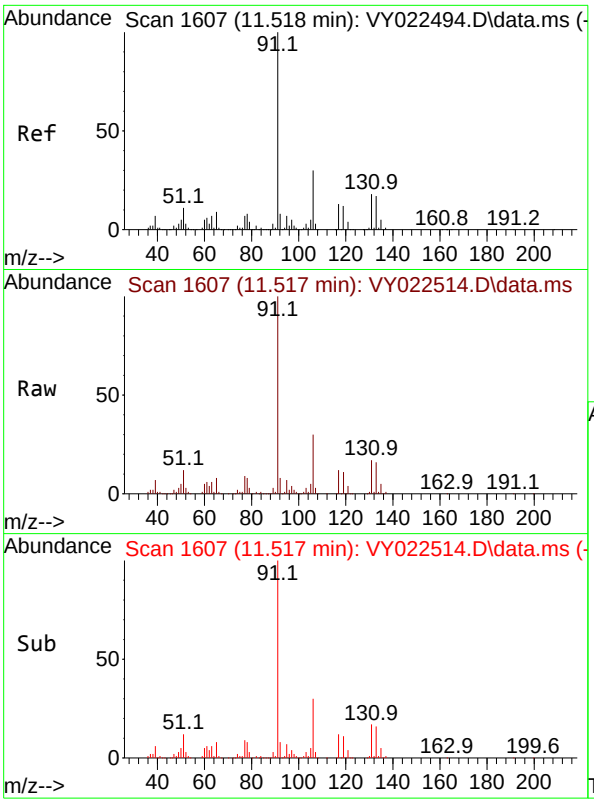


#66
1,1,1,2-Tetrachloroethane
Concen: 20.856 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:131 Resp: 43105

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	141.8
119	66.3	33.1	99.3



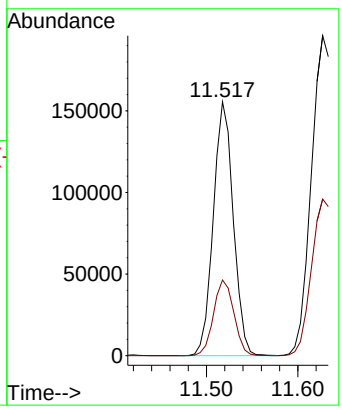


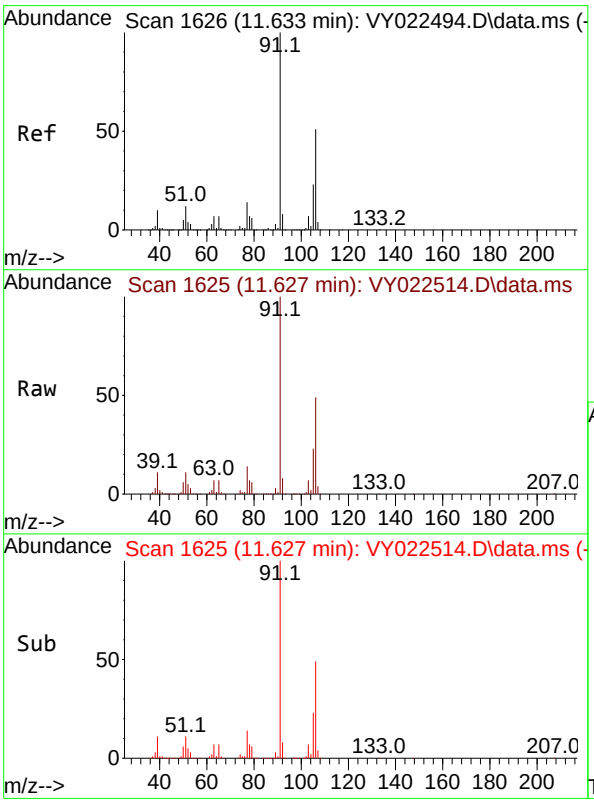
#67
Ethyl Benzene
Concen: 20.770 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 91 Resp: 236352

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.2	36.4

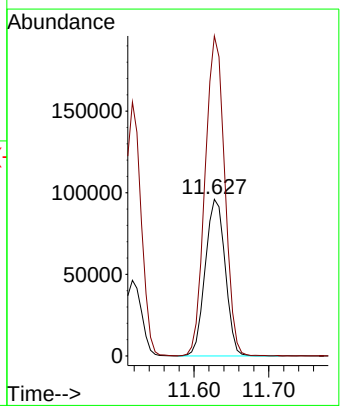


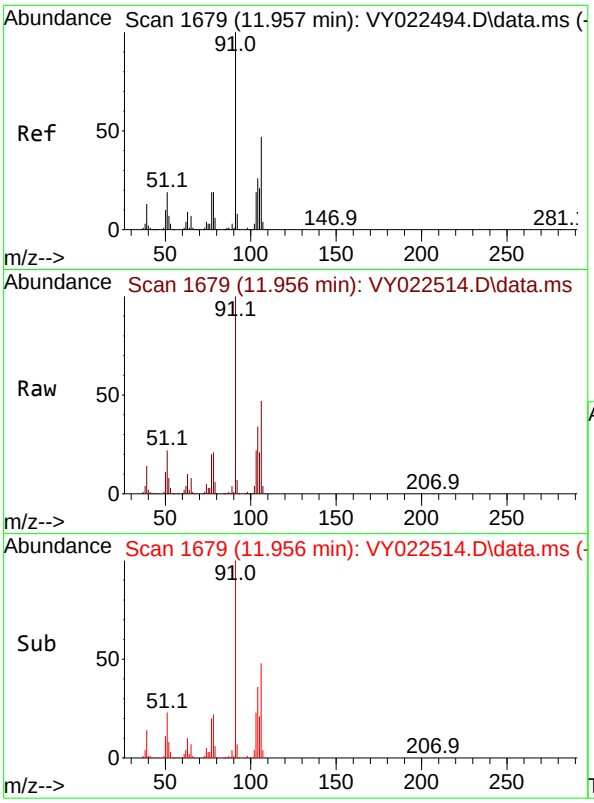


#68
m/p-Xylenes
Concen: 41.269 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:106 Resp: 178031

Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.4	239.0



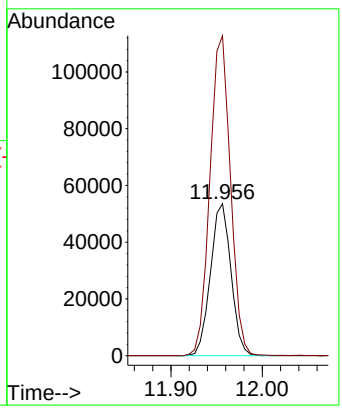


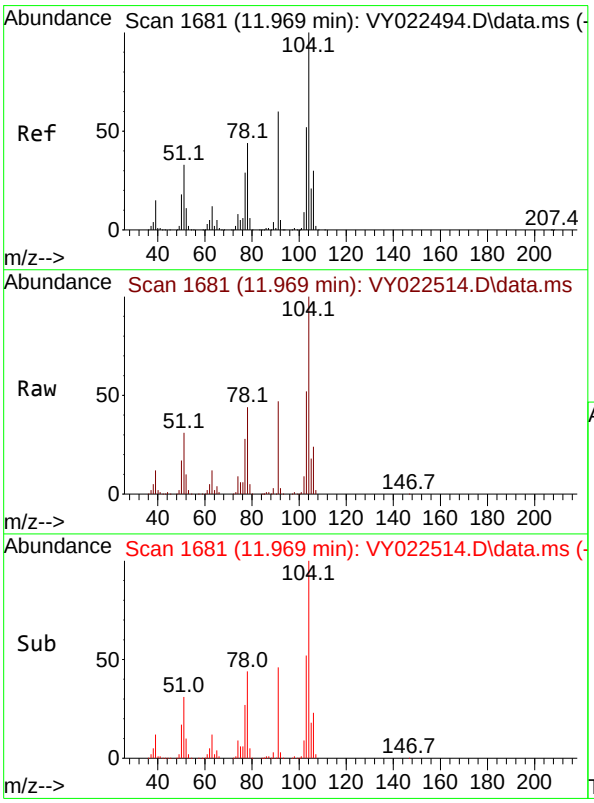
#69
o-Xylene
Concen: 20.682 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:106 Resp: 83649

Ion	Ratio	Lower	Upper
106	100		
91	210.8	105.8	317.3

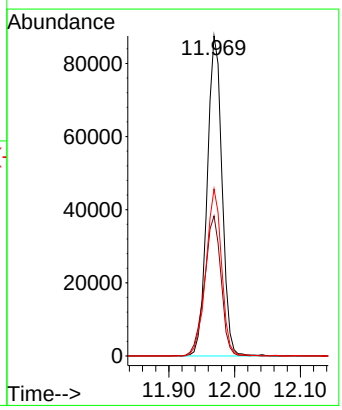


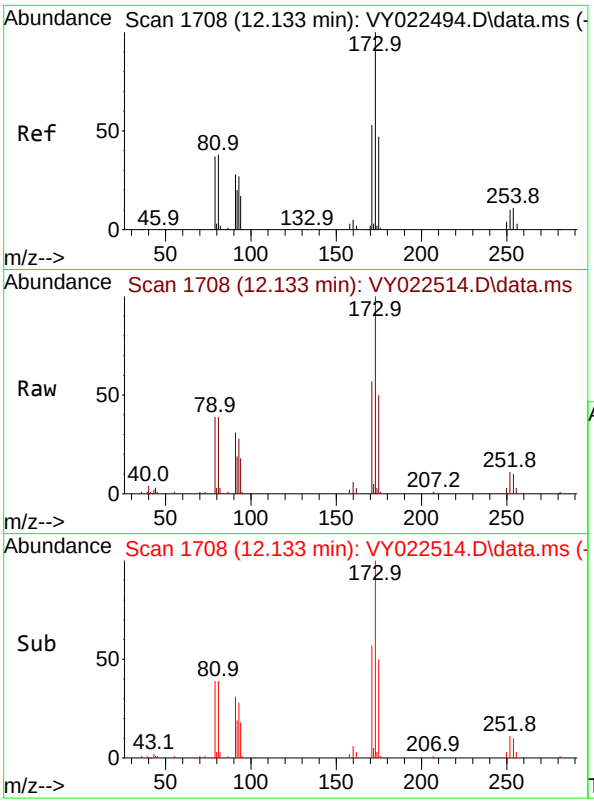


#70
Styrene
Concen: 20.583 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:104 Resp: 137611

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.5	59.3
103	55.0	44.1	66.1



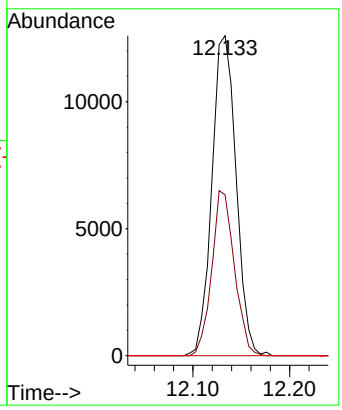


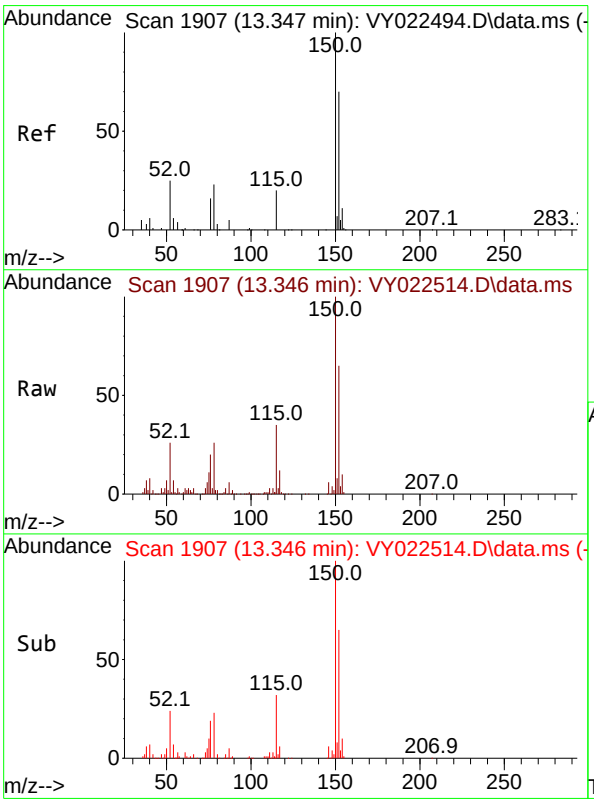
#71
Bromoform
Concen: 19.883 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:173 Resp: 21869

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.5
254	0.0	0.0	0.0

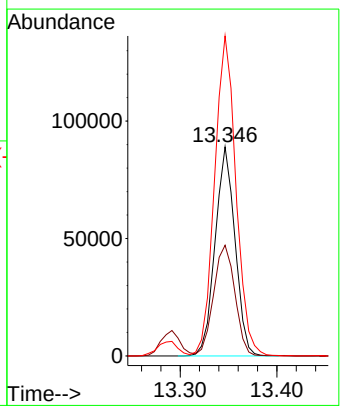


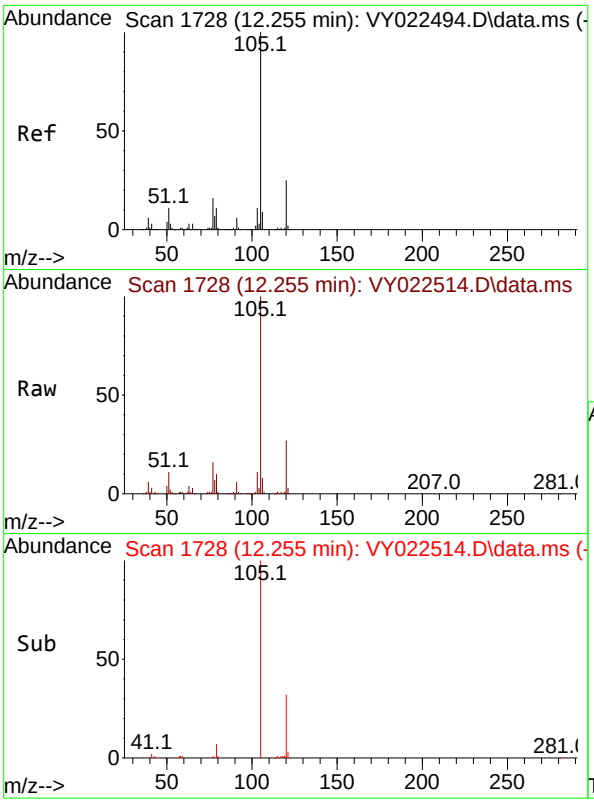


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:152 Resp: 127082

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.7
150	164.5	0.0	349.6



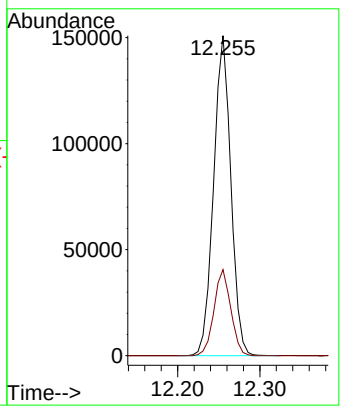


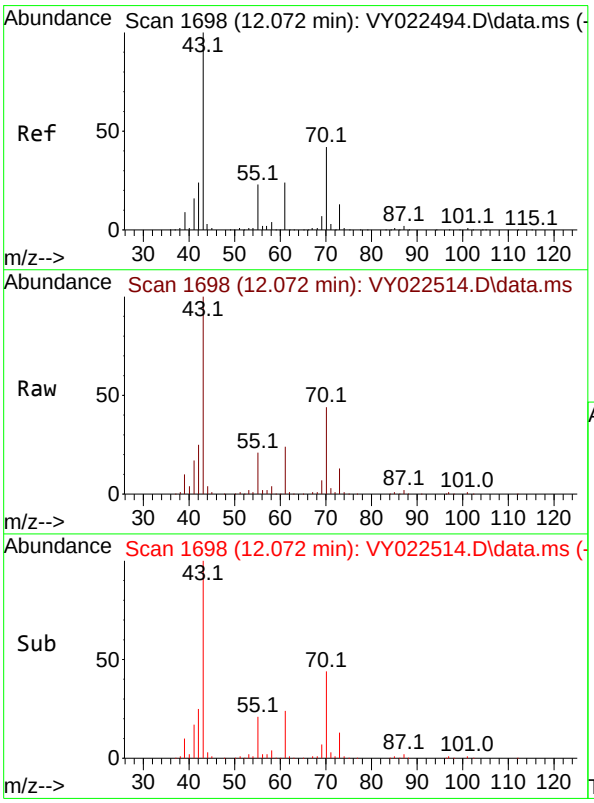
#73
Isopropylbenzene
Concen: 21.105 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:105 Resp: 220201

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.0	38.9

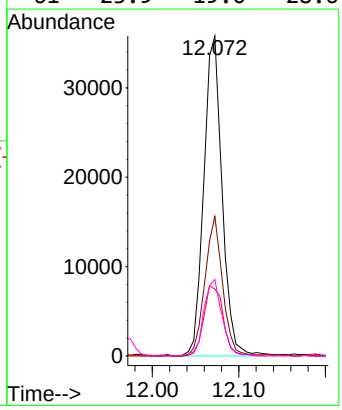


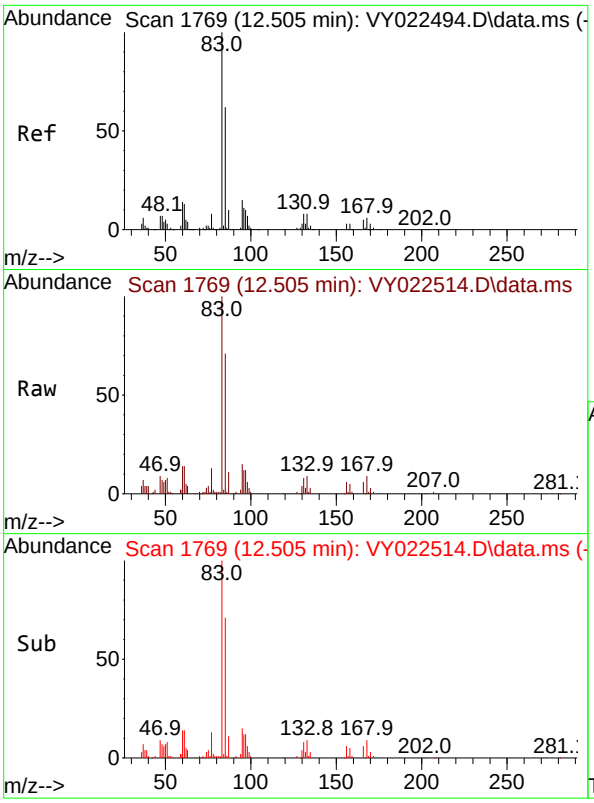


#74
N-amyl acetate
Concen: 20.008 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 52673

Ion	Ratio	Lower	Upper
43	100		
70	42.1	34.2	51.2
55	23.4	18.2	27.4
61	23.9	19.0	28.6



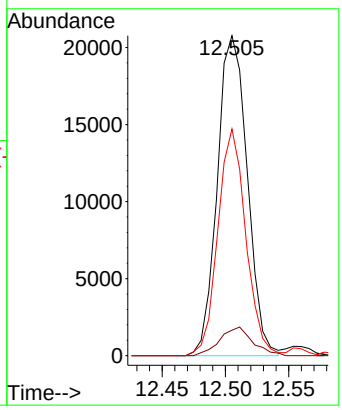


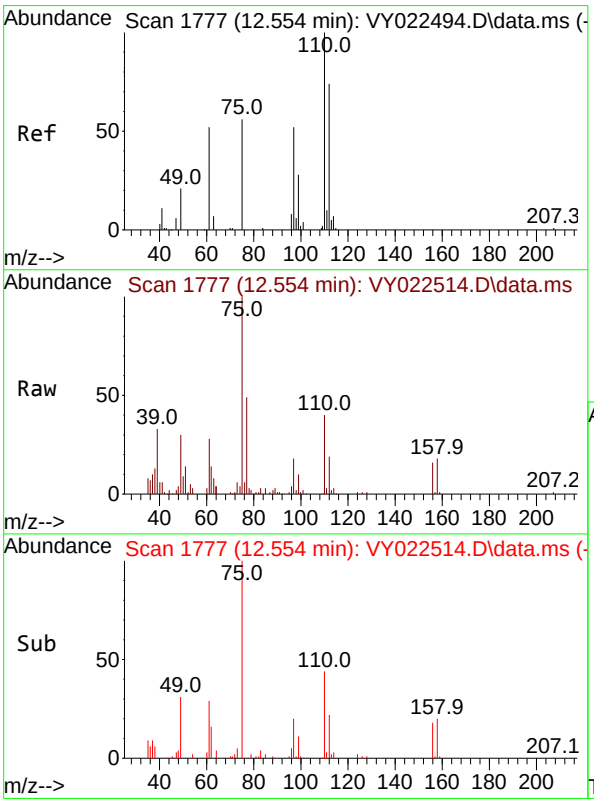
#75
1,1,2,2-Tetrachloroethane
Concen: 19.977 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 83 Resp: 34208

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	65.9	32.6	97.8

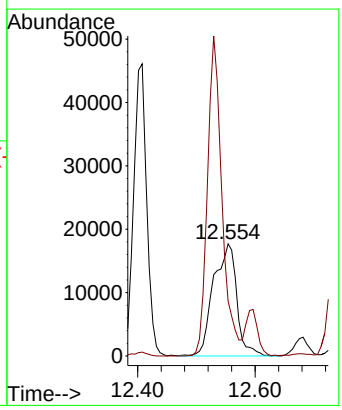


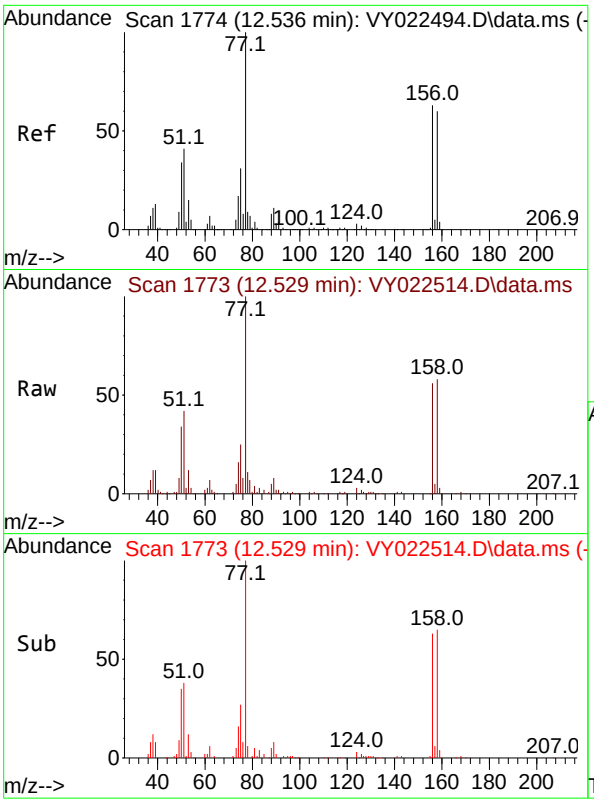


#76
1,2,3-Trichloropropane
Concen: 33.473 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 48665

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



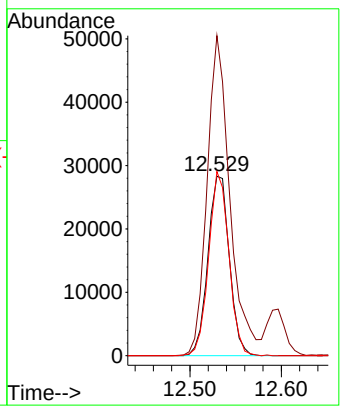


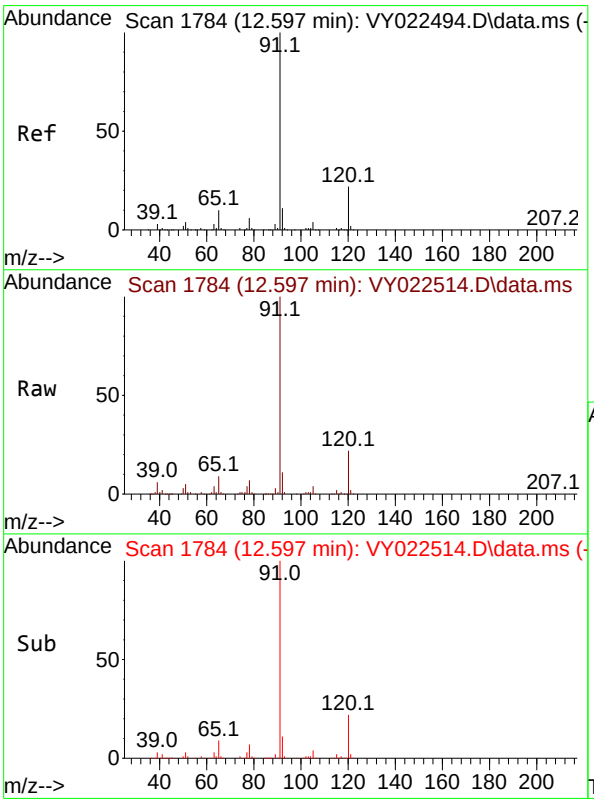
#77
Bromobenzene
Concen: 20.918 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:156 Resp: 46055

Ion	Ratio	Lower	Upper
156	100		
77	188.2	94.0	282.1
158	96.5	48.2	144.6

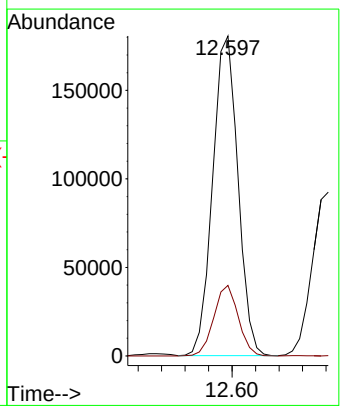


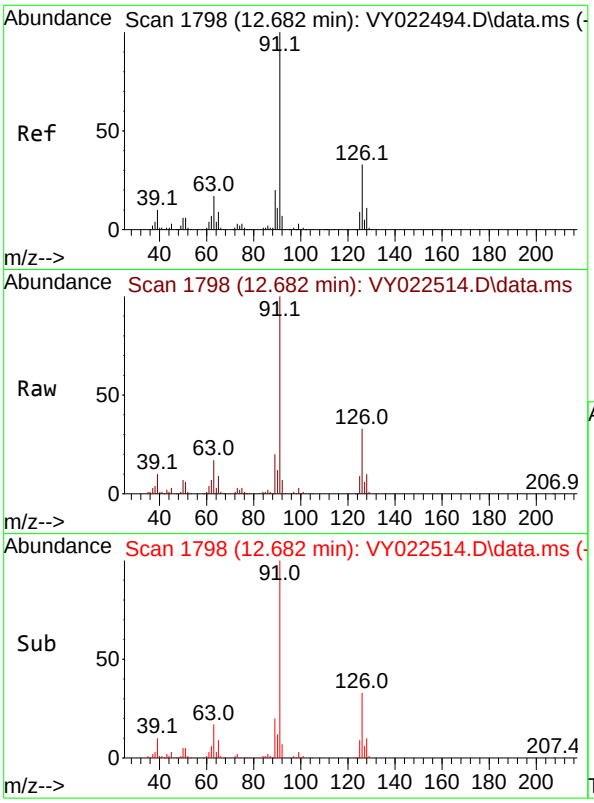


#78
n-propylbenzene
Concen: 21.184 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 269951

Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.8	32.4



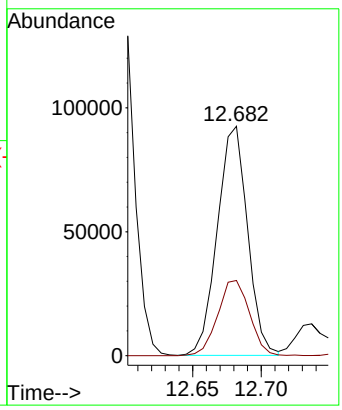


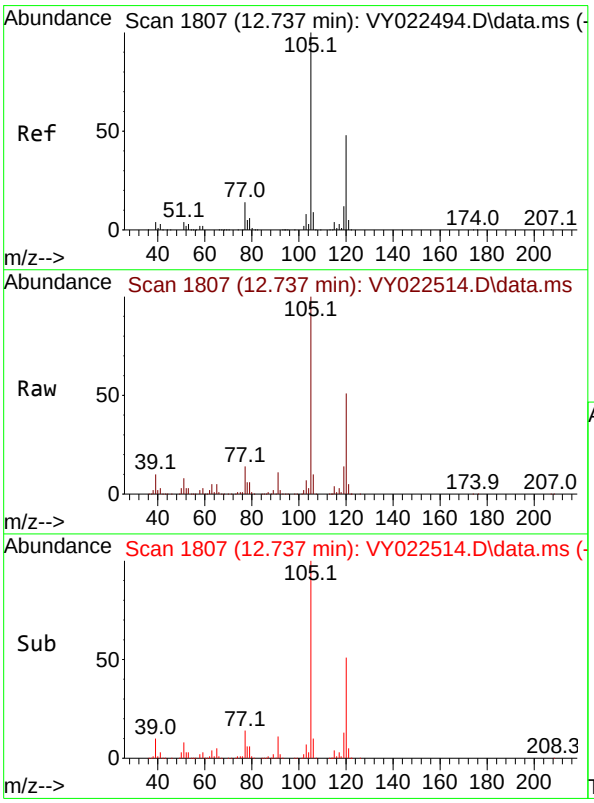
#79
2-Chlorotoluene
Concen: 21.037 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 91 Resp: 142085

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

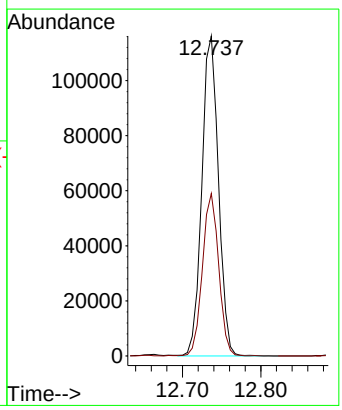


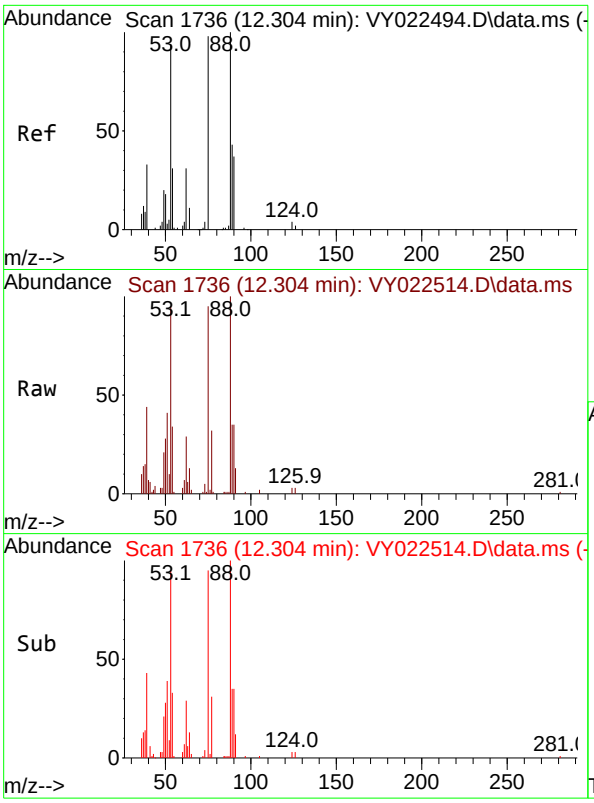


#80
1,3,5-Trimethylbenzene
Concen: 20.866 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 170919

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.1	72.4



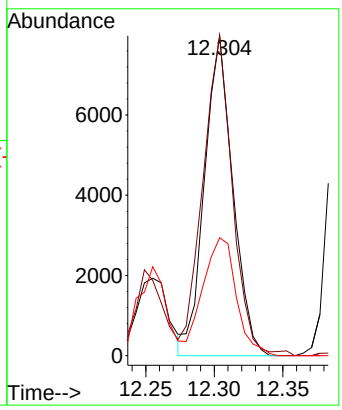


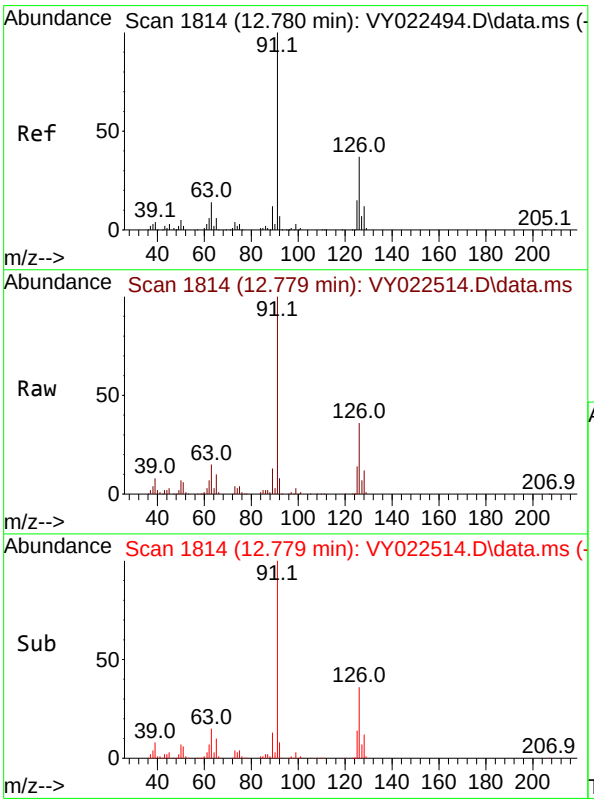
#81
trans-1,4-Dichloro-2-butene
Concen: 19.036 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 75 Resp: 11460

Ion	Ratio	Lower	Upper
75	100		
53	104.7	78.5	117.7
89	42.9	35.7	53.5

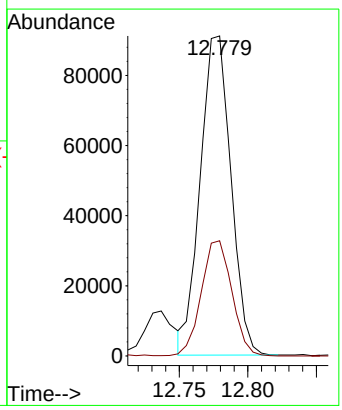


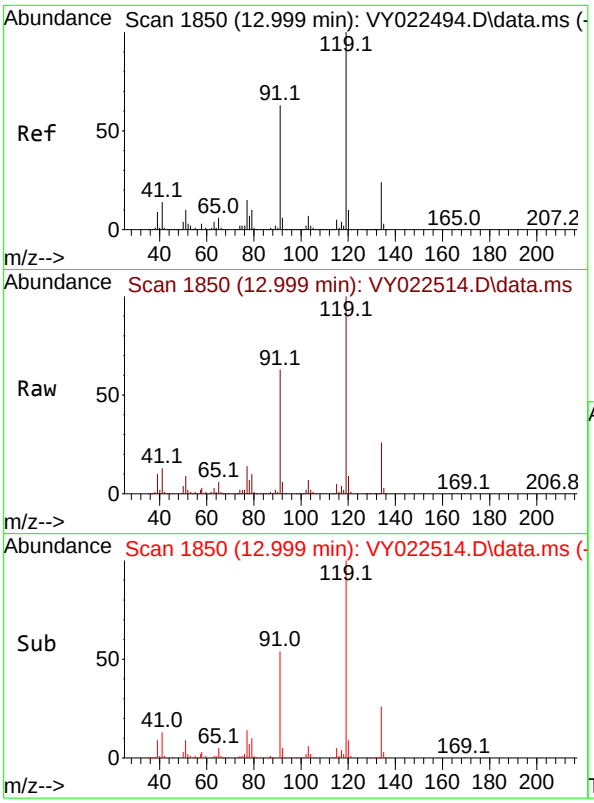


#82
4-Chlorotoluene
Concen: 20.364 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 141886

Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.0	50.9



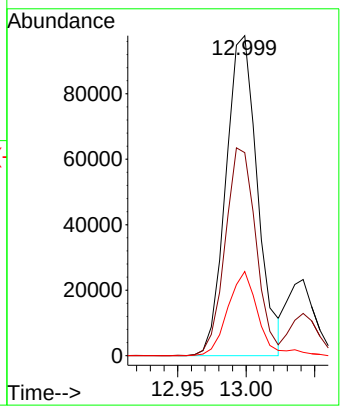


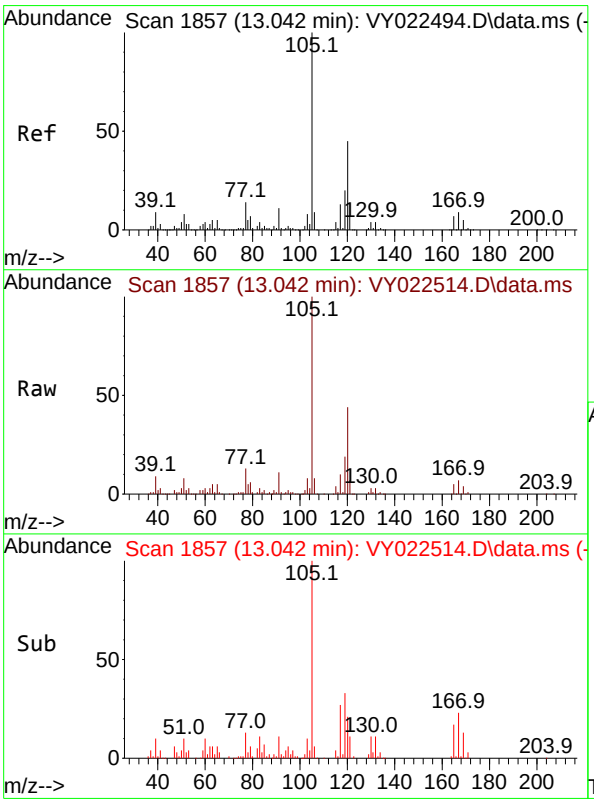
#83
tert-Butylbenzene
Concen: 21.309 ug/l
RT: 12.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:119 Resp: 156660

Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.1	96.3
134	25.5	13.0	38.9

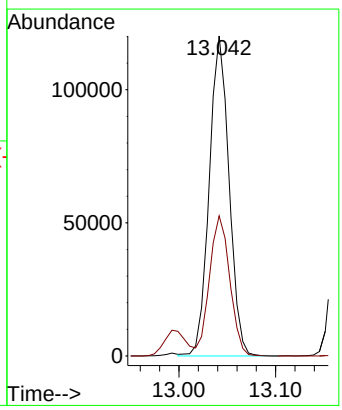


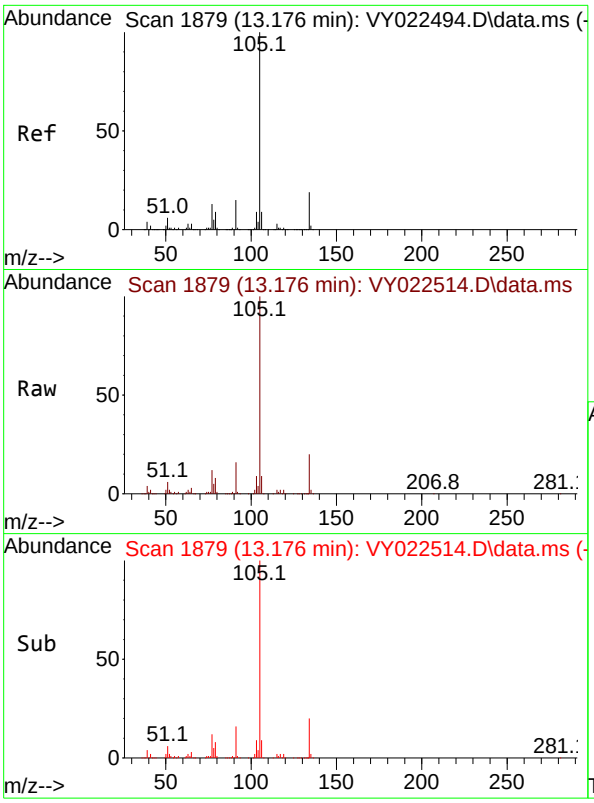


#84
1,2,4-Trimethylbenzene
Concen: 20.846 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:105 Resp: 170782

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1



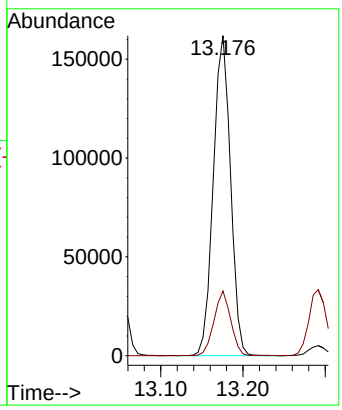


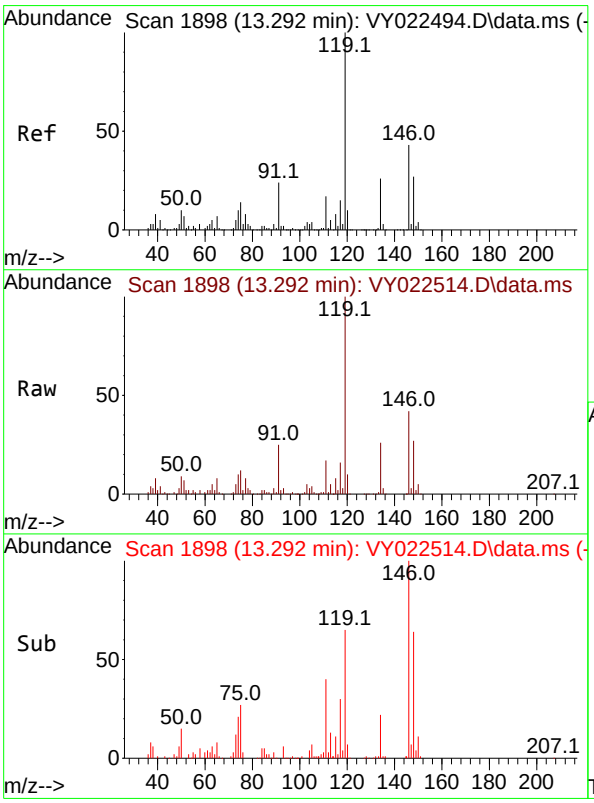
#85
sec-Butylbenzene
Concen: 20.907 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:105 Resp: 235402

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9

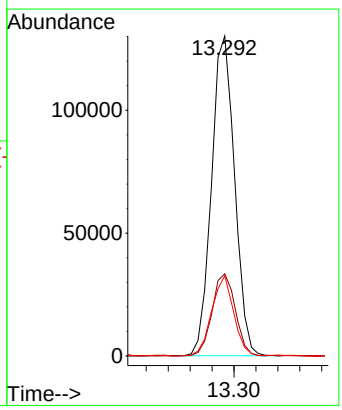


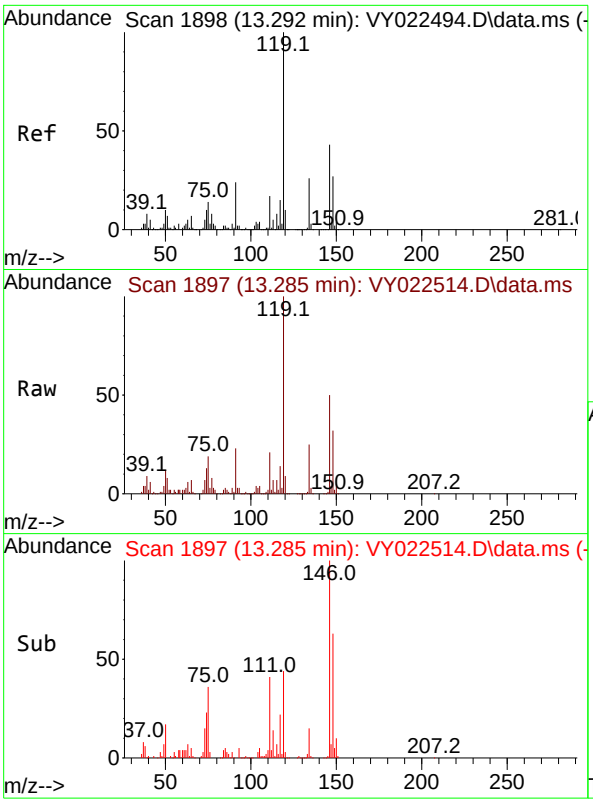


#86
p-Isopropyltoluene
Concen: 20.525 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:119 Resp: 190486

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.9	11.6	34.8



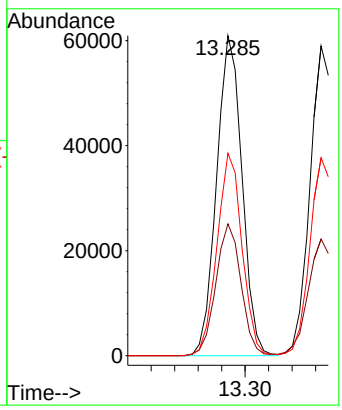


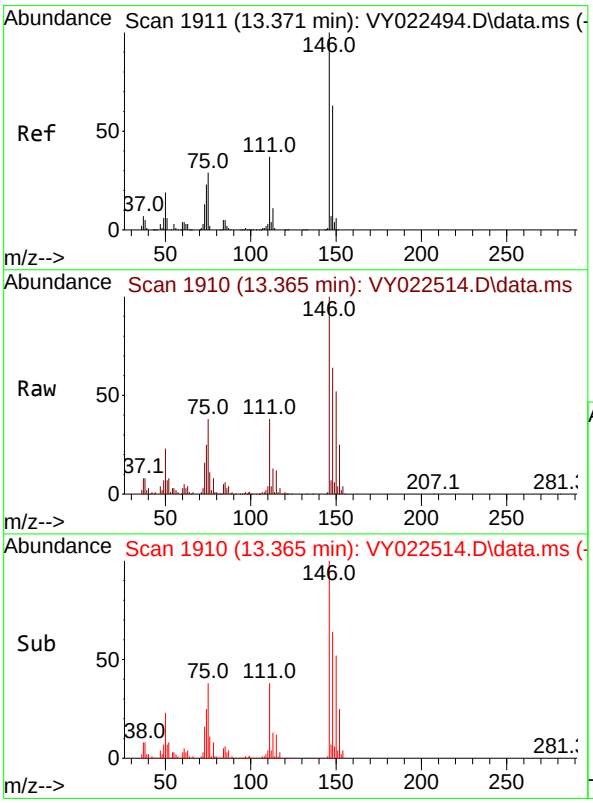
#87
1,3-Dichlorobenzene
Concen: 20.544 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:146 Resp: 91645

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	62.4	32.1	96.3

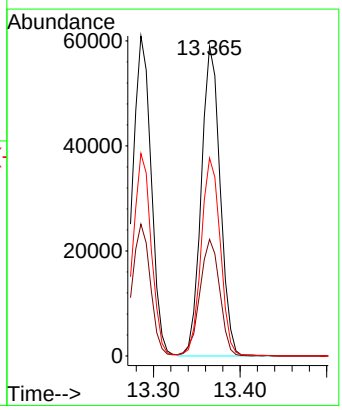


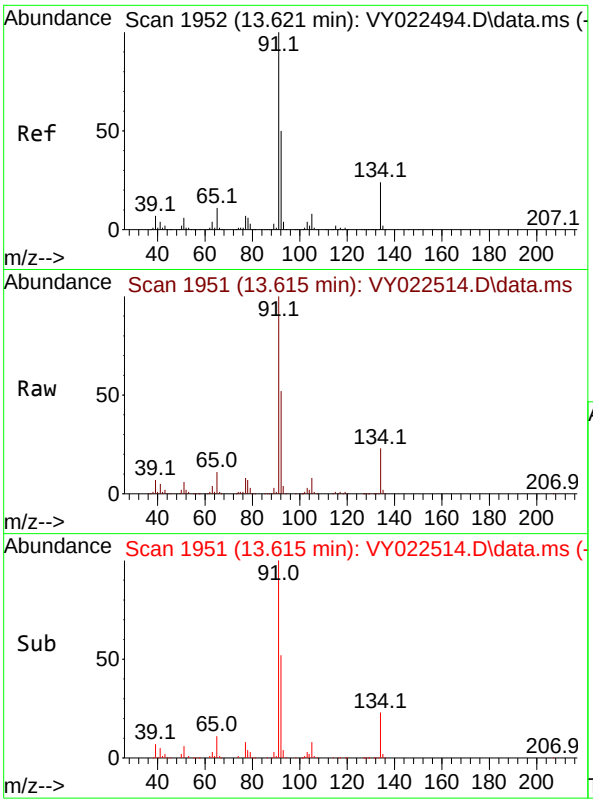


#88
1,4-Dichlorobenzene
Concen: 20.709 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:146 Resp: 89601

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.6	31.6	94.8



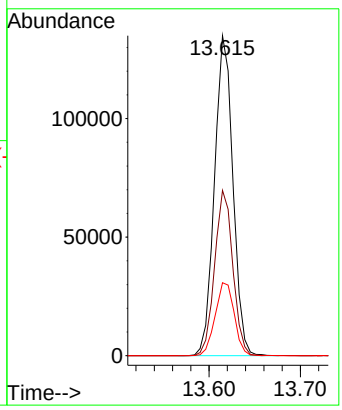


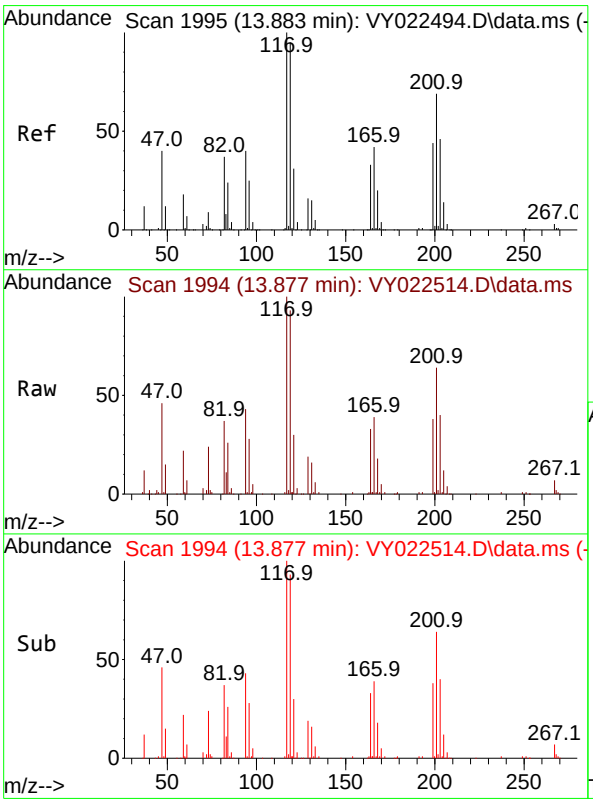
#89
n-Butylbenzene
Concen: 21.478 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 91 Resp: 189125

Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	23.7	12.0	36.1

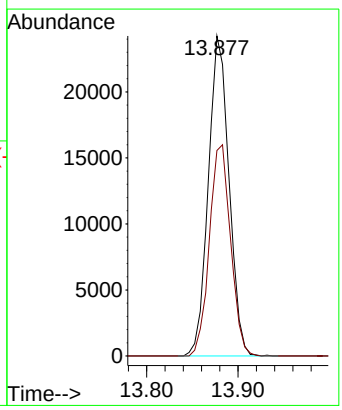


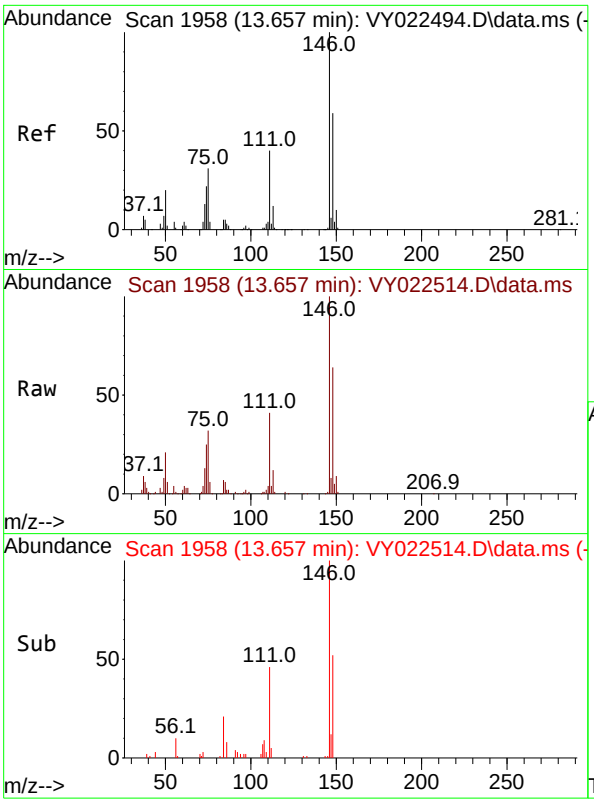


#90
Hexachloroethane
Concen: 21.128 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:117 Resp: 38174

Ion	Ratio	Lower	Upper
117	100		
201	67.6	34.0	102.0



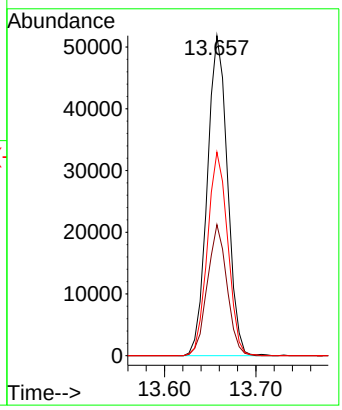


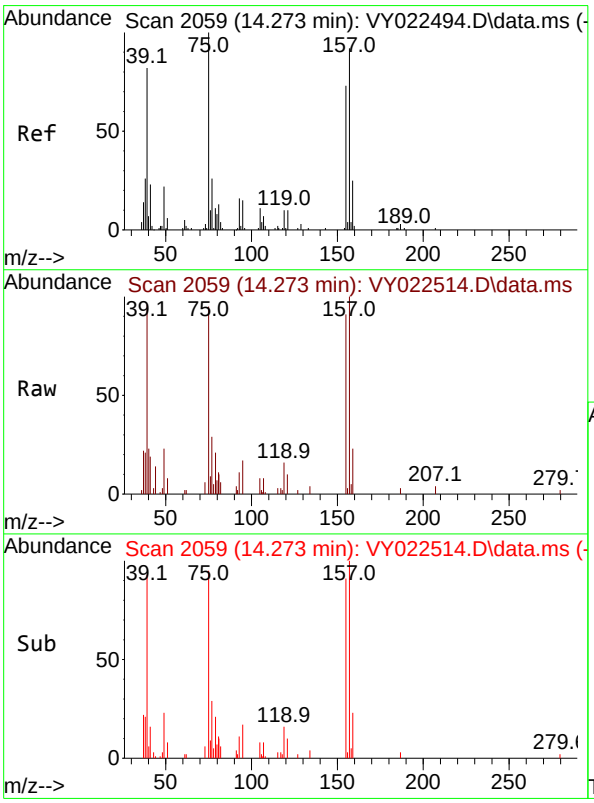
#91
1,2-Dichlorobenzene
Concen: 20.938 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:146 Resp: 79301

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.9	31.4	94.0

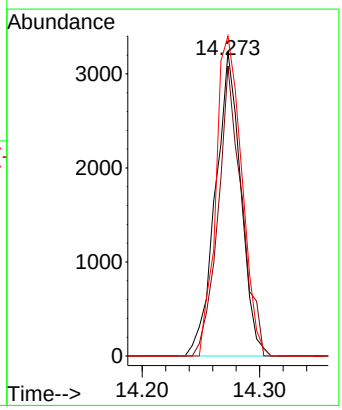


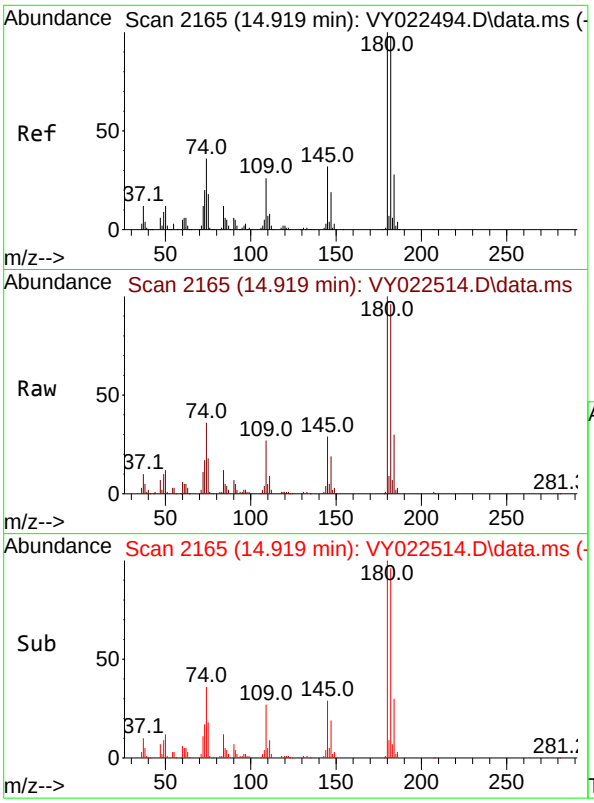


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.429 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 4844

Ion	Ratio	Lower	Upper
75	100		
155	88.8	39.9	119.6
157	107.4	54.0	162.0



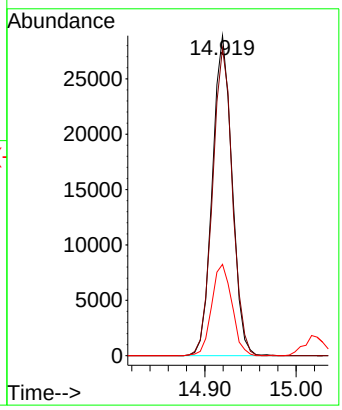


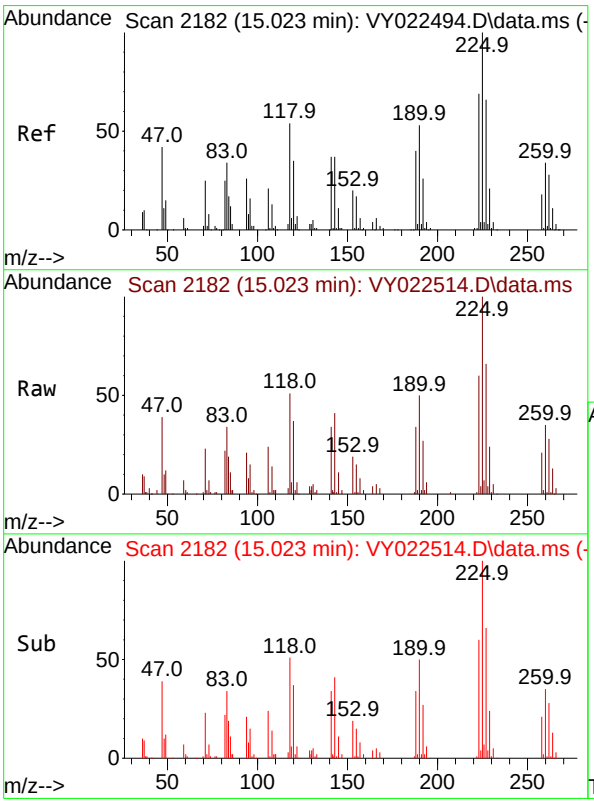
#93
1,2,4-Trichlorobenzene
Concen: 20.945 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:180 Resp: 43264

Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.4	145.3
145	29.4	15.5	46.5

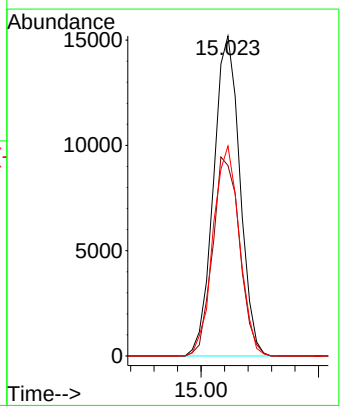


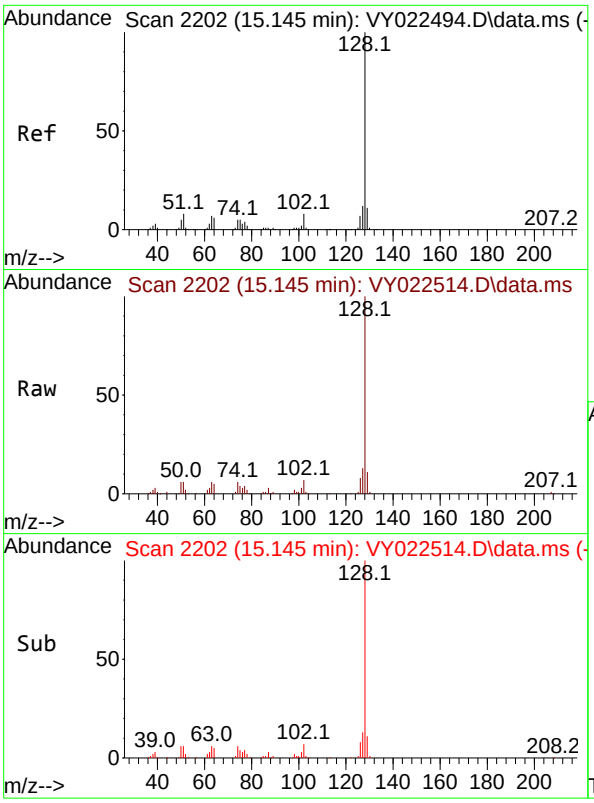


#94
Hexachlorobutadiene
Concen: 20.747 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:225 Resp: 23654

Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.5	97.4
227	65.7	32.3	96.9



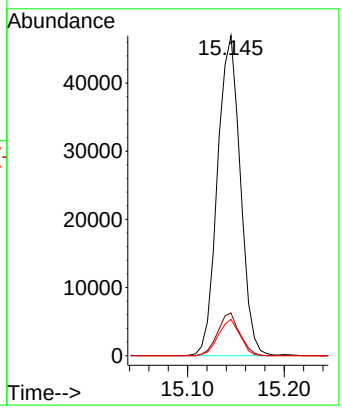


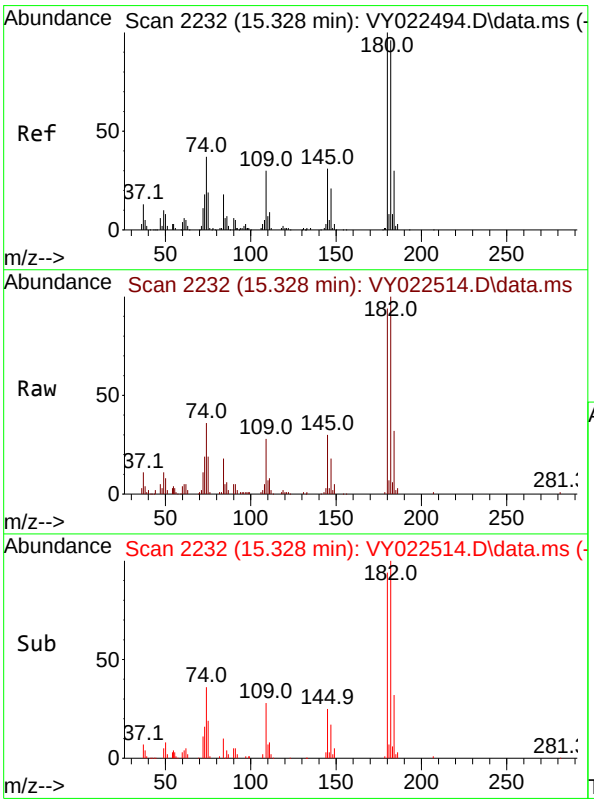
#95
Naphthalene
Concen: 19.418 ug/l
RT: 15.145 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:128 Resp: 76972

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

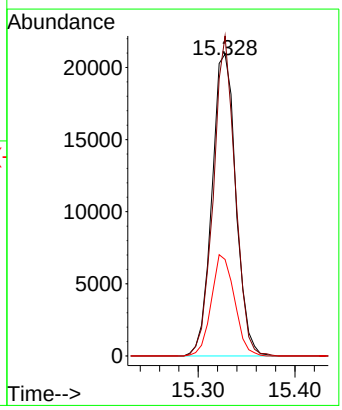




#96
1,2,3-Trichlorobenzene
Concen: 20.294 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:180 Resp: 35926

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.3
145	32.4	15.2	45.6



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	166062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	247870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100440	54.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.160%			
35) Dibromofluoromethane	7.634	113	93036	53.645	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.300%			
50) Toluene-d8	10.103	98	370610	52.887	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.402	95	107560	51.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	64538	43.409	ug/l	95
3) Chloromethane	2.062	50	249960	56.910	ug/l	99
4) Vinyl Chloride	2.202	62	304232	59.708	ug/l	98
5) Bromomethane	2.592	94	230941	47.288	ug/l	99
6) Chloroethane	2.732	64	197595	56.499	ug/l	91
7) Trichlorofluoromethane	3.043	101	239701	55.414	ug/l	99
8) Diethyl Ether	3.452	74	50449	51.788	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	87472	48.014	ug/l	99
10) Methyl Iodide	4.001	142	97700	49.555	ug/l	98
11) Tert butyl alcohol	4.878	59	32054	241.634	ug/l	100
12) 1,1-Dichloroethene	3.787	96	85972	49.369	ug/l	97
13) Acrolein	3.653	56	34492	208.635	ug/l	99
14) Allyl chloride	4.379	41	134044	49.032	ug/l	99
15) Acrylonitrile	5.061	53	106566	258.303	ug/l	100
16) Acetone	3.879	43	76951	204.010	ug/l	98
17) Carbon Disulfide	4.104	76	272880	48.945	ug/l	100
18) Methyl Acetate	4.385	43	64722	57.944	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	252752	51.530	ug/l	95
20) Methylene Chloride	4.610	84	103775	48.434	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	99855	51.234	ug/l	98
22) Diisopropyl ether	6.019	45	309614	50.880	ug/l	98
23) Vinyl Acetate	5.964	43	872923	242.366	ug/l	100
24) 1,1-Dichloroethane	5.909	63	186627	52.059	ug/l	100
25) 2-Butanone	6.896	43	130543	239.934	ug/l	99
26) 2,2-Dichloropropane	6.884	77	141764	44.756	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118957	52.805	ug/l	99
28) Bromochloromethane	7.244	49	81360	52.064	ug/l	98
29) Tetrahydrofuran	7.262	42	88912	253.372	ug/l	98
30) Chloroform	7.421	83	191144	53.831	ug/l	96
31) Cyclohexane	7.701	56	159421	44.669	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	163575	51.894	ug/l	100
36) 1,1-Dichloropropene	7.835	75	135585	48.169	ug/l	100
37) Ethyl Acetate	6.988	43	62043	49.427	ug/l	99
38) Carbon Tetrachloride	7.817	117	138842	48.083	ug/l	97
39) Methylcyclohexane	9.109	83	172541	45.614	ug/l	98
40) Benzene	8.079	78	425567	51.189	ug/l	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	31589	43.084	ug/l		90
42) 1,2-Dichloroethane	8.158	62	115630	50.939	ug/l		100
43) Isopropyl Acetate	8.195	43	131831	48.629	ug/l		99
44) Trichloroethene	8.866	130	102849	50.618	ug/l		96
45) 1,2-Dichloropropane	9.140	63	98157	49.958	ug/l		97
46) Dibromomethane	9.231	93	56522	51.134	ug/l		98
47) Bromodichloromethane	9.420	83	146284	52.192	ug/l		99
48) Methyl methacrylate	9.219	41	61711	48.502	ug/l		96
49) 1,4-Dioxane	9.231	88	13528	1033.044	ug/l		95
51) 4-Methyl-2-Pentanone	9.993	43	337478	249.686	ug/l		98
52) Toluene	10.170	92	264244	50.578	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	128425	48.903	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	151178	49.453	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	71912	51.020	ug/l		97
56) Ethyl methacrylate	10.438	69	100924	49.541	ug/l		98
57) 1,3-Dichloropropane	10.713	76	128157	51.300	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	140012	151.378	ug/l		99
59) 2-Hexanone	10.755	43	224037	247.844	ug/l		99
60) Dibromochloromethane	10.908	129	90388	50.462	ug/l		99
61) 1,2-Dibromoethane	11.012	107	66866	52.050	ug/l		96
64) Tetrachloroethene	10.646	164	113736	53.342	ug/l		94
65) Chlorobenzene	11.438	112	280496	51.138	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93891	50.813	ug/l		99
67) Ethyl Benzene	11.518	91	509853	50.115	ug/l		99
68) m/p-Xylenes	11.627	106	387428	100.456	ug/l		99
69) o-Xylene	11.950	106	183057	50.625	ug/l		99
70) Styrene	11.969	104	306334	51.252	ug/l		99
71) Bromoform	12.127	173	50026	50.877	ug/l	#	100
73) Isopropylbenzene	12.249	105	472687	49.502	ug/l		99
74) N-amyl acetate	12.066	43	121215	50.310	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	75257	48.020	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	107768	80.992	ug/l	#	100
77) Bromobenzene	12.530	156	100763	50.006	ug/l		99
78) n-propylbenzene	12.590	91	577009	49.474	ug/l		99
79) 2-Chlorotoluene	12.676	91	310881	50.294	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	373572	49.832	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	23497	42.645	ug/l		97
82) 4-Chlorotoluene	12.773	91	310489	48.691	ug/l		98
83) tert-Butylbenzene	12.993	119	341012	50.683	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	376096	50.160	ug/l		100
85) sec-Butylbenzene	13.170	105	505174	49.023	ug/l		100
86) p-Isopropyltoluene	13.292	119	415739	48.945	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	204862	50.179	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	197352	49.839	ug/l		99
89) n-Butylbenzene	13.615	91	393731	48.858	ug/l		100
90) Hexachloroethane	13.877	117	82732	50.031	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	176409	50.893	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11440	50.137	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	94854	50.174	ug/l		96
94) Hexachlorobutadiene	15.023	225	50011	47.930	ug/l		99
95) Naphthalene	15.139	128	186479	51.402	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	81365	50.220	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

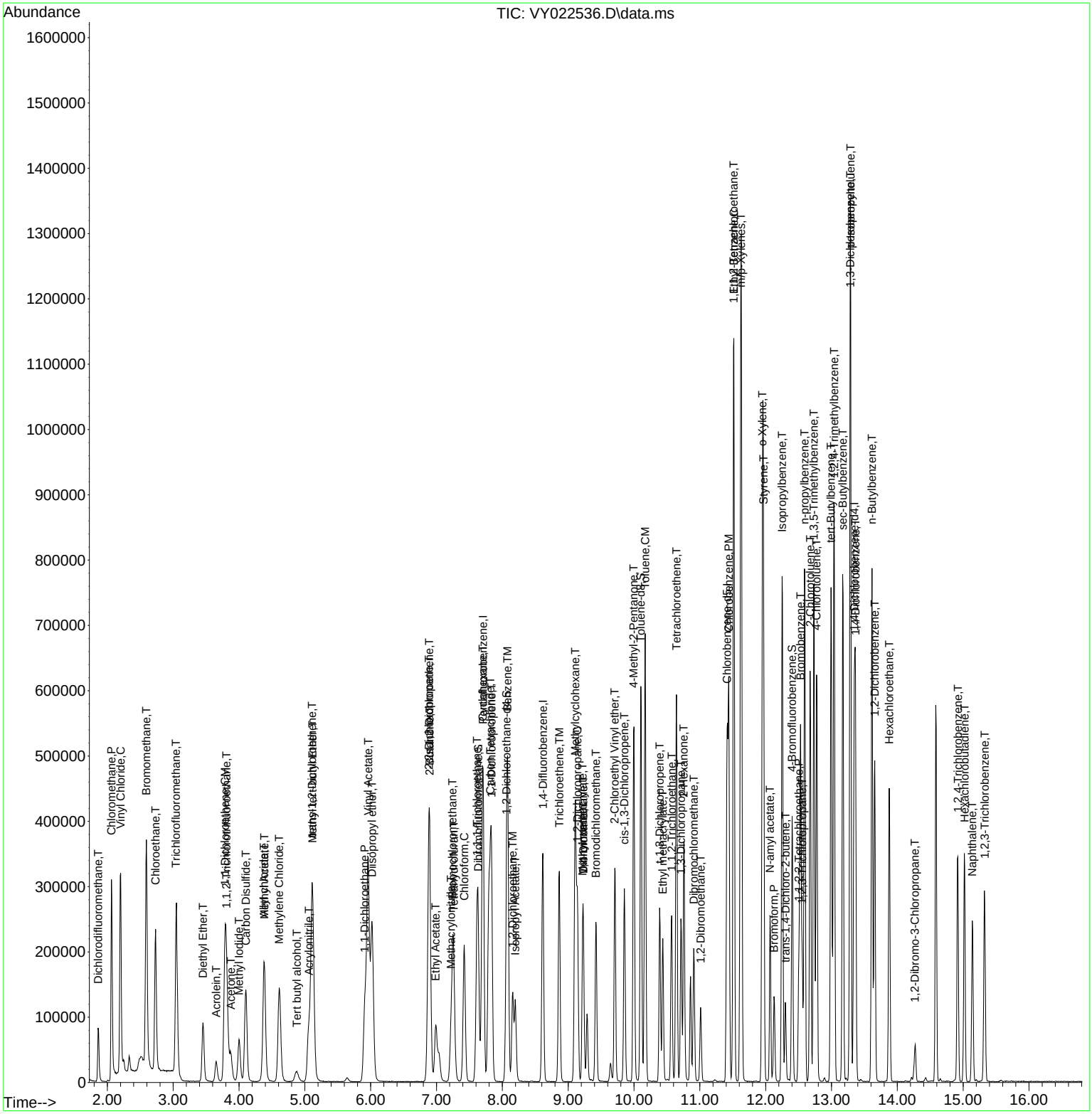
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

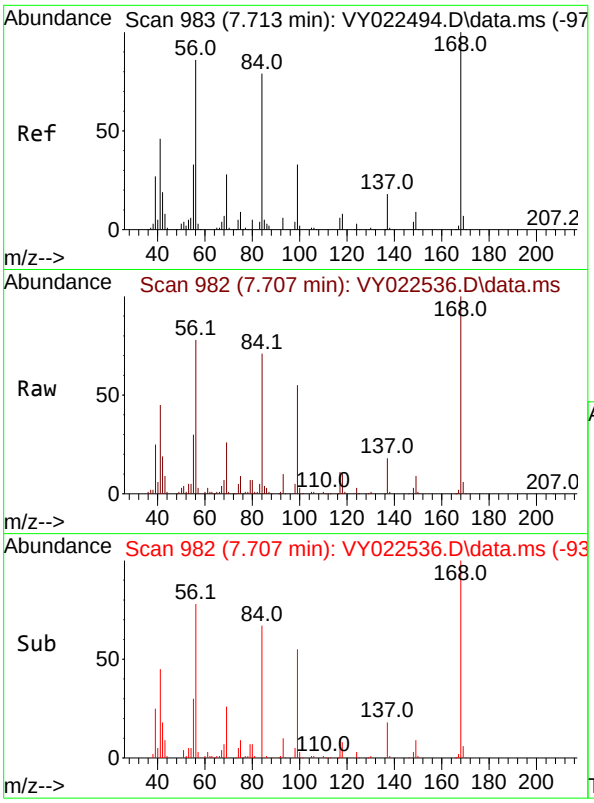
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022536.D
Acq On : 03 Jun 2025 20:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 04:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration



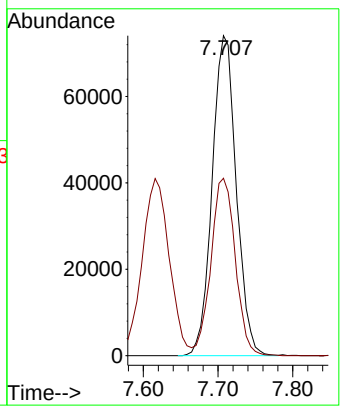


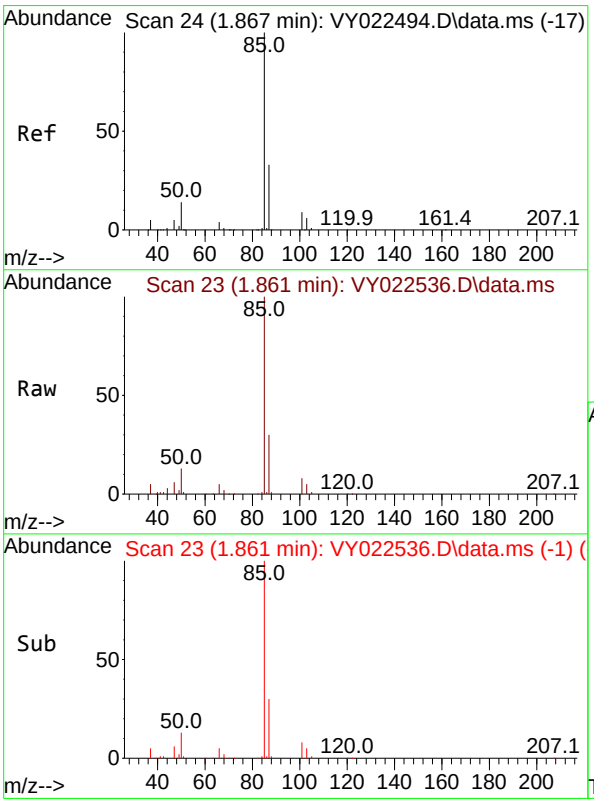
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 166062

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.3	66.5

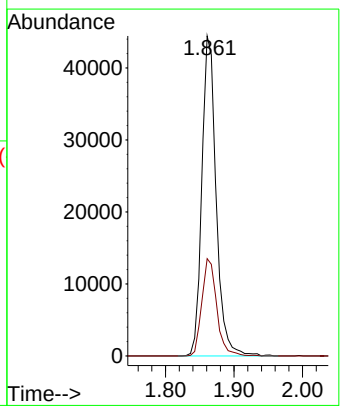


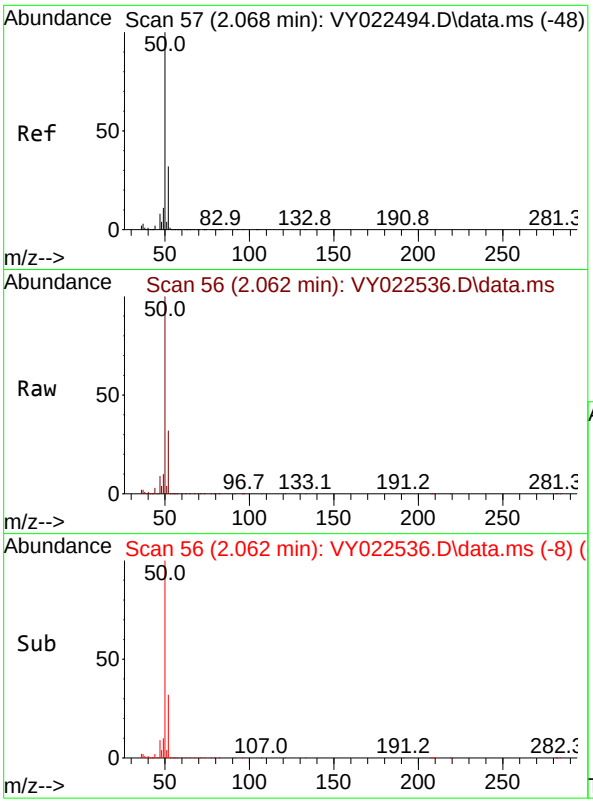


#2
Dichlorodifluoromethane
Concen: 43.409 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 85 Resp: 64538

Ion	Ratio	Lower	Upper
85	100		
87	30.4	16.7	50.0



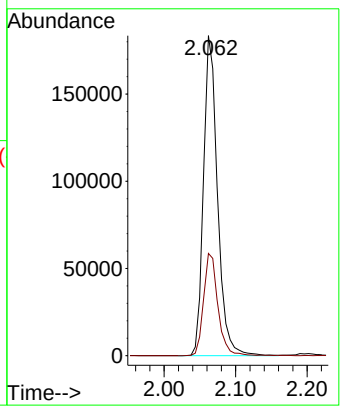


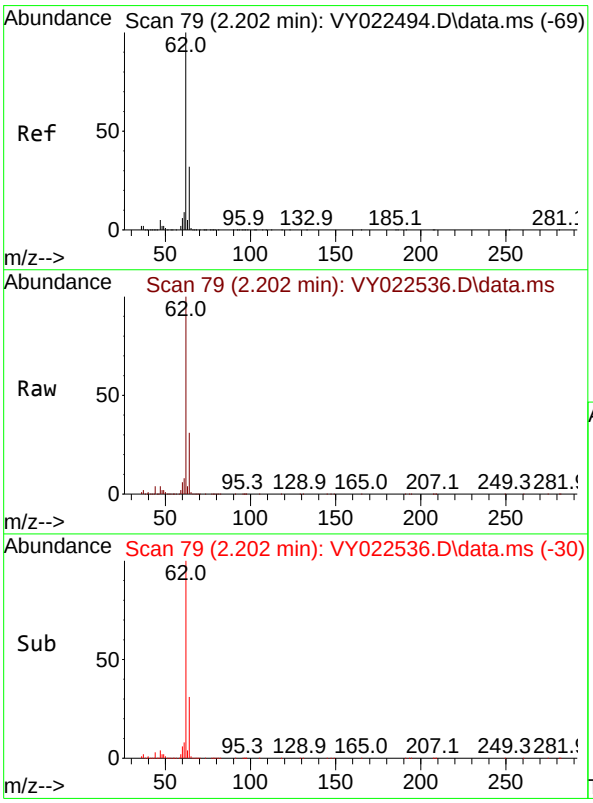
#3
Chloromethane
Concen: 56.910 ug/l
RT: 2.062 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 249960

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.0	39.0

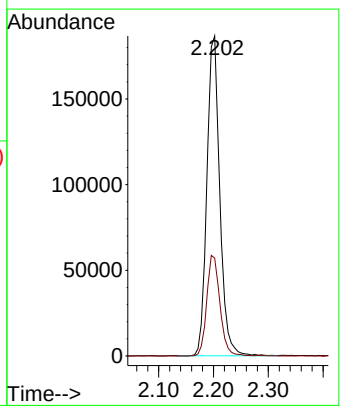


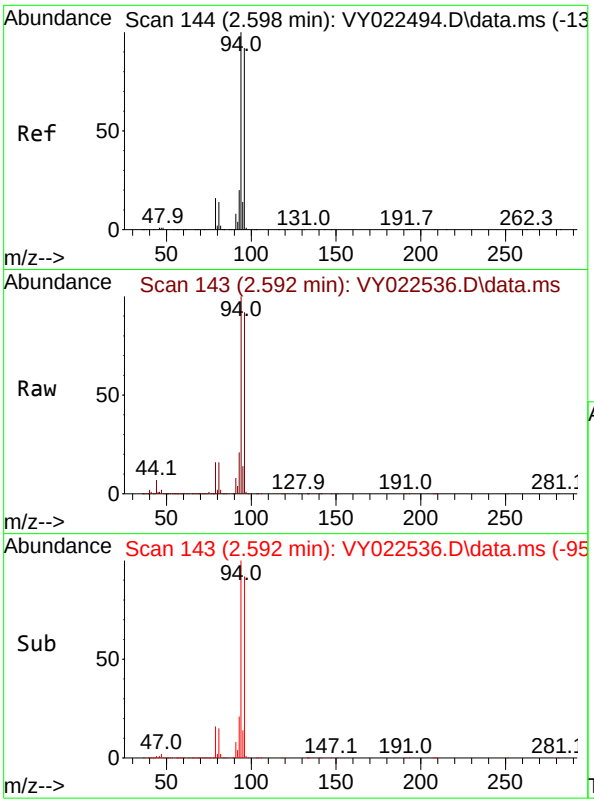


#4
Vinyl Chloride
Concen: 59.708 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 62 Resp: 304232

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.3	37.9



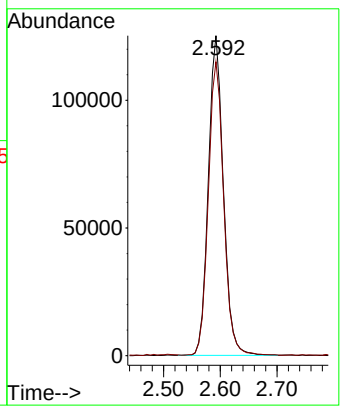


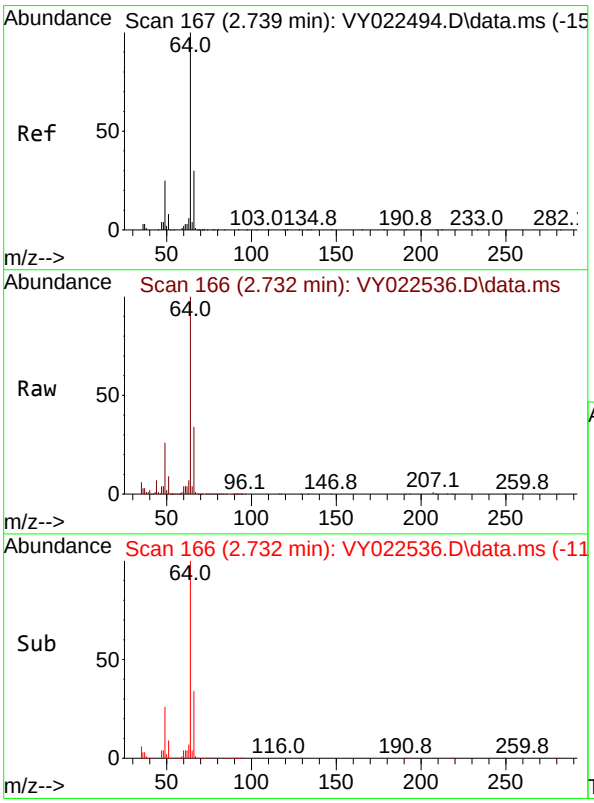
#5
Bromomethane
Concen: 47.288 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 230941

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.0	111.0

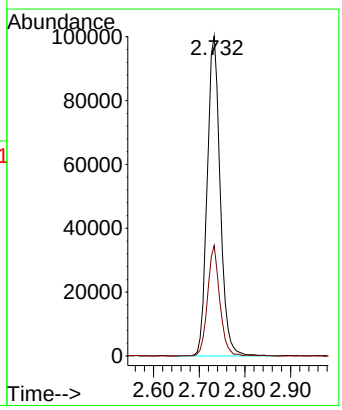


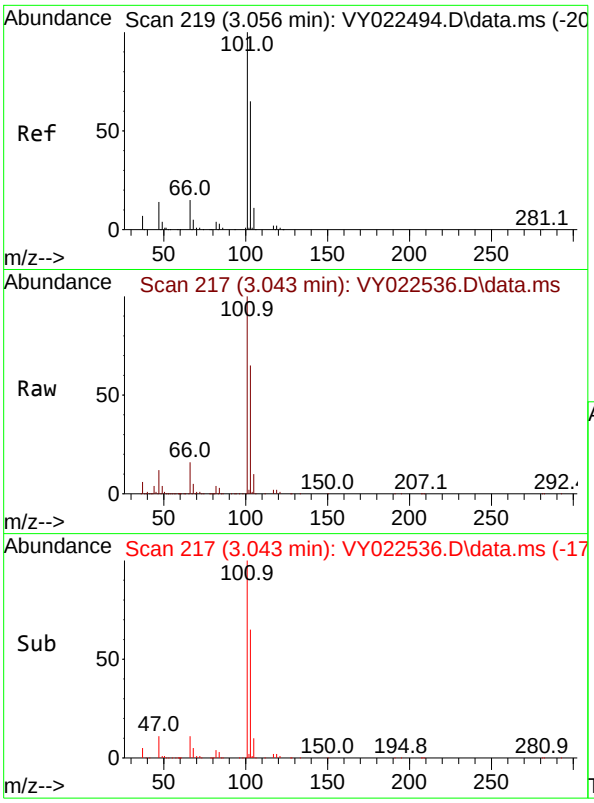


#6
Chloroethane
Concen: 56.499 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 64 Resp: 197595

Ion	Ratio	Lower	Upper
64	100		
66	34.5	23.8	35.6



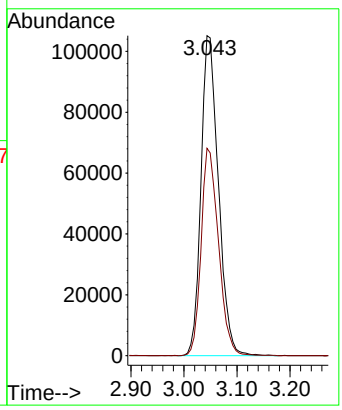


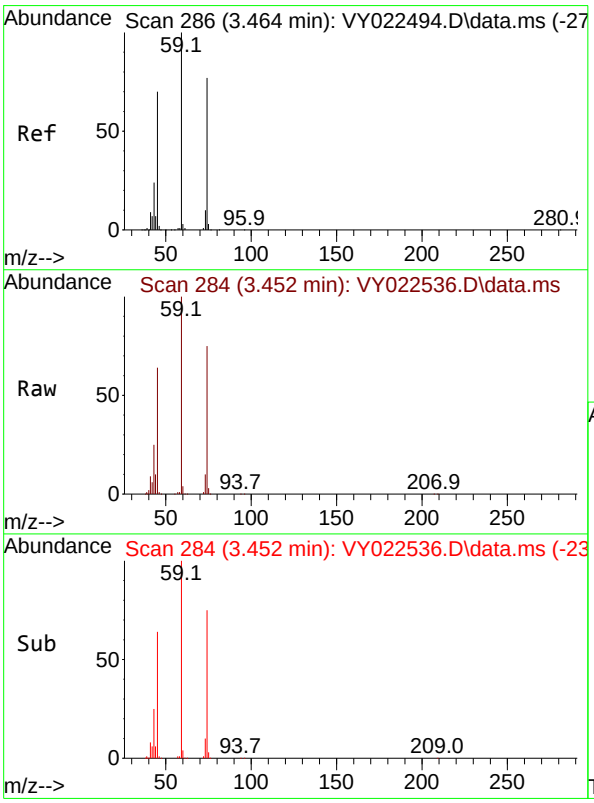
#7
Trichlorofluoromethane
Concen: 55.414 ug/l
RT: 3.043 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 239701

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.2

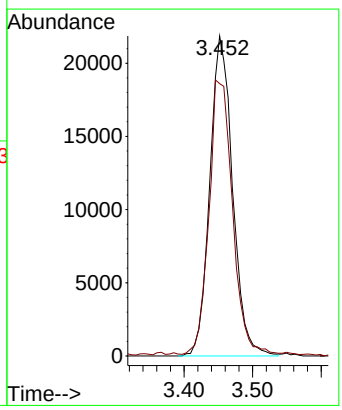


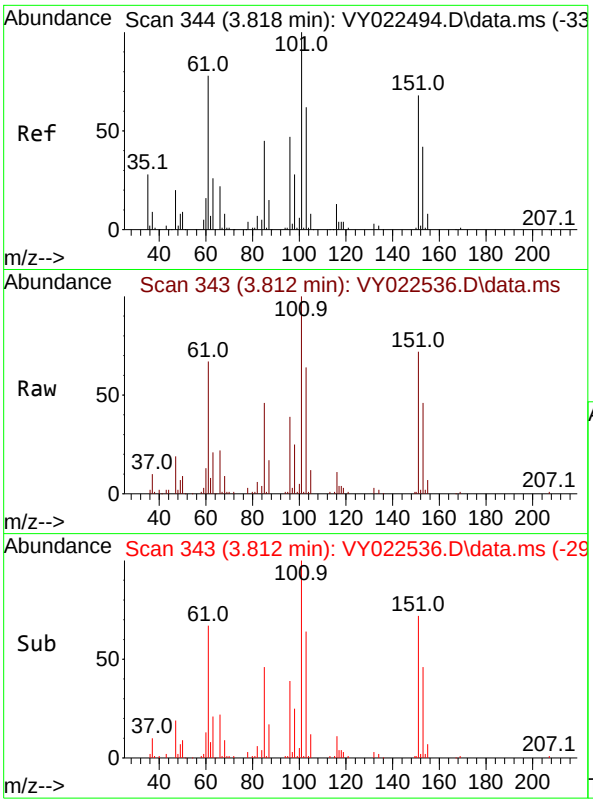


#8
Diethyl Ether
Concen: 51.788 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 74 Resp: 50449

Ion	Ratio	Lower	Upper
74	100		
45	88.6	45.9	137.6



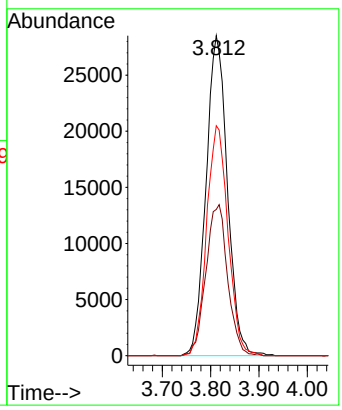


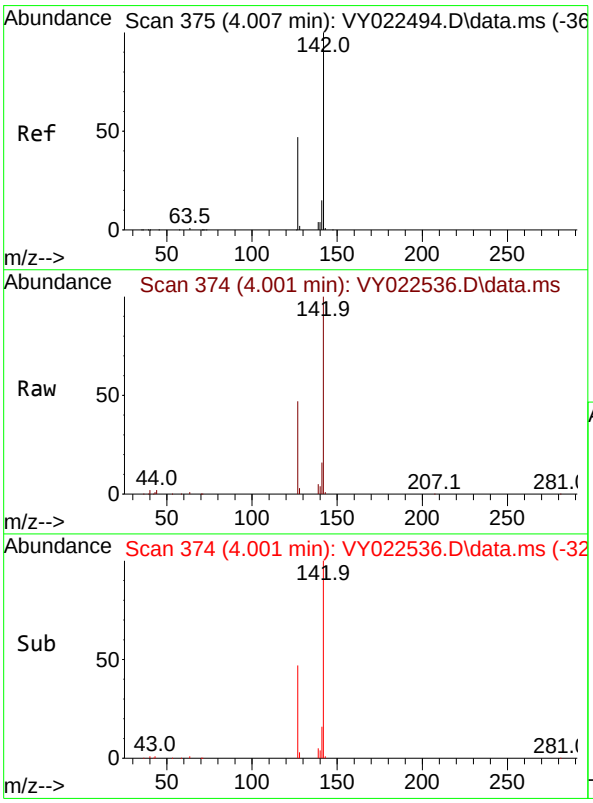
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.014 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87472

Ion	Ratio	Lower	Upper
101	100		
85	48.2	39.3	58.9
151	71.8	57.8	86.8

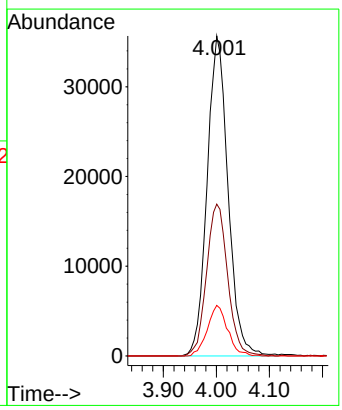


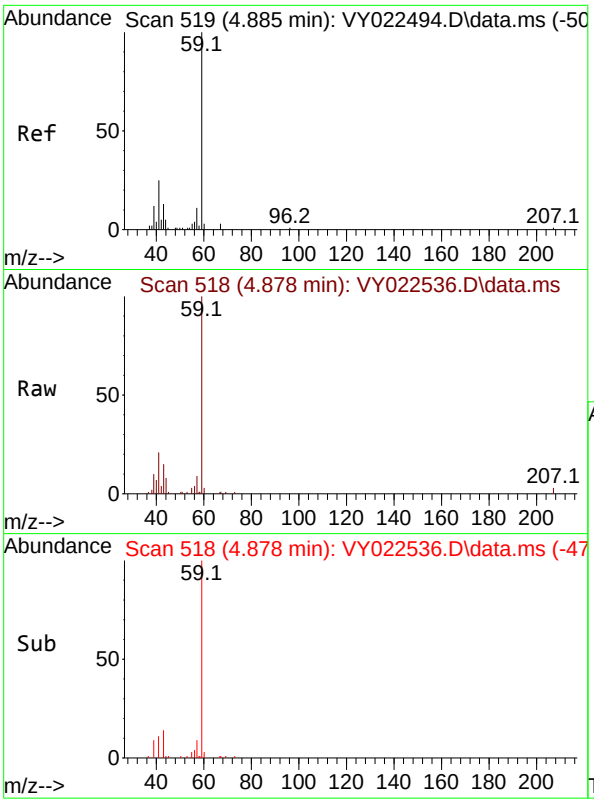


#10
Methyl Iodide
Concen: 49.555 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:142 Resp: 97700

Ion	Ratio	Lower	Upper
142	100		
127	47.9	37.1	55.7
141	15.3	11.4	17.2



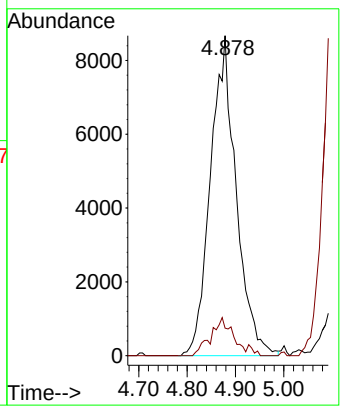


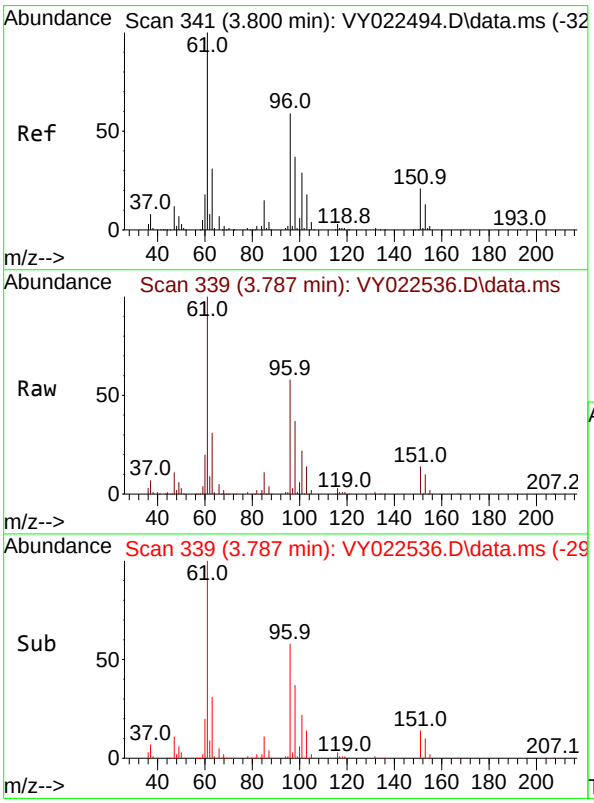
#11
Tert butyl alcohol
Concen: 241.634 ug/l
RT: 4.878 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 32054

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

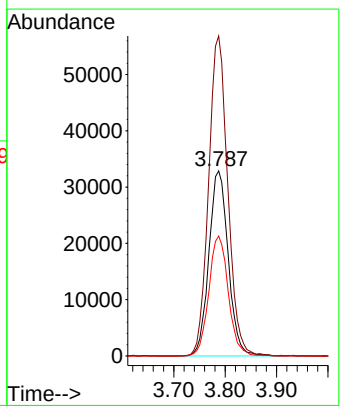


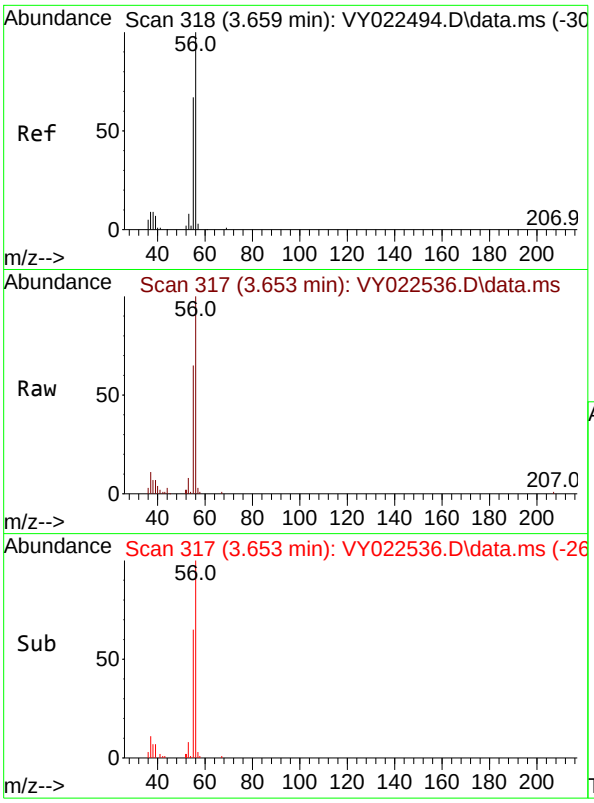


#12
1,1-Dichloroethene
Concen: 49.369 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 96 Resp: 85972

Ion	Ratio	Lower	Upper
96	100		
61	172.9	134.6	201.8
98	64.8	50.2	75.4



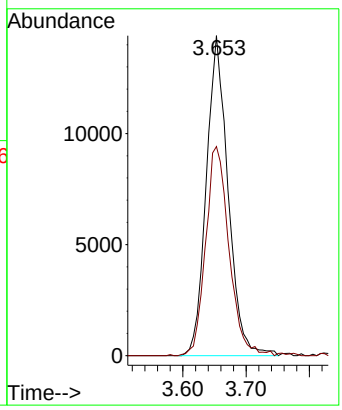


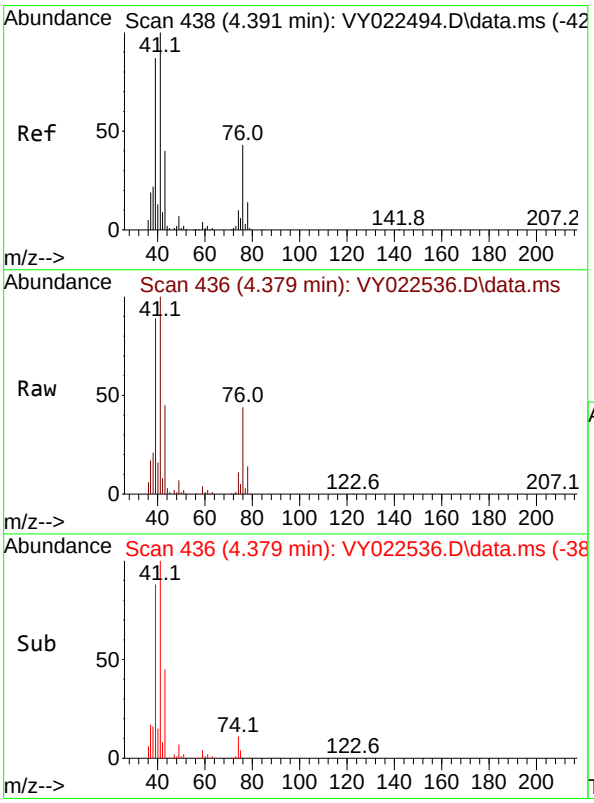
#13
Acrolein
Concen: 208.635 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 34492

Ion	Ratio	Lower	Upper
56	100		
55	70.2	57.0	85.6

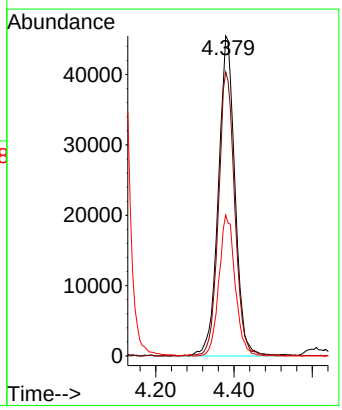


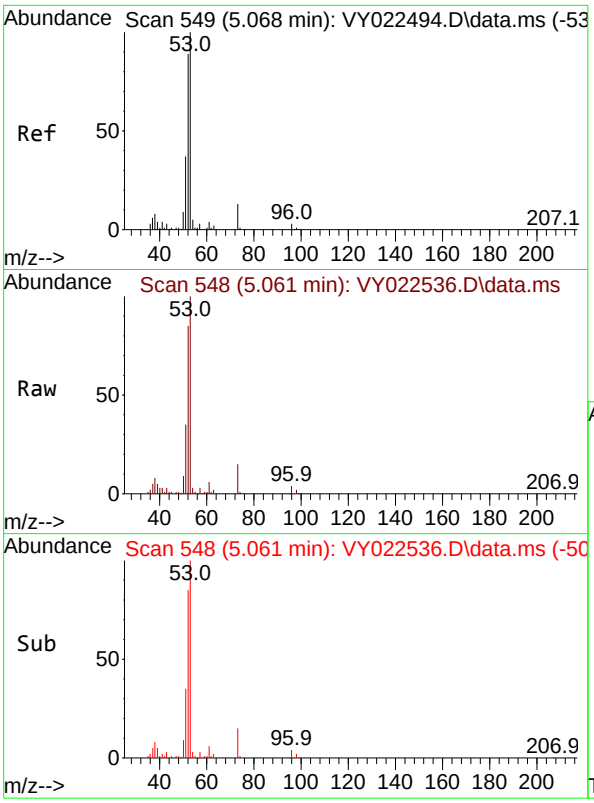


#14
Allyl chloride
Concen: 49.032 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 134044

Ion	Ratio	Lower	Upper
41	100		
39	87.2	69.1	103.7
76	42.8	33.5	50.3



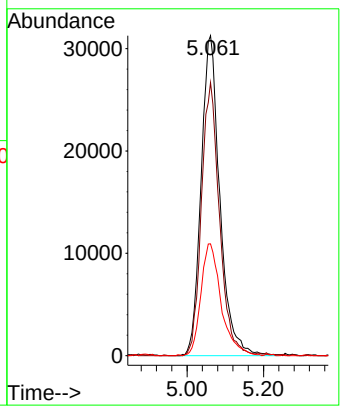


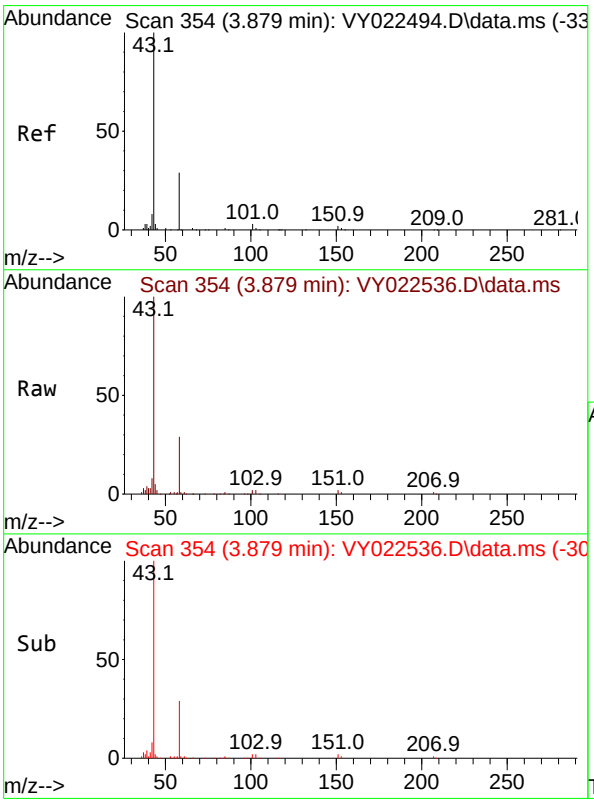
#15
Acrylonitrile
Concen: 258.303 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 106566

Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	37.7	30.1	45.1

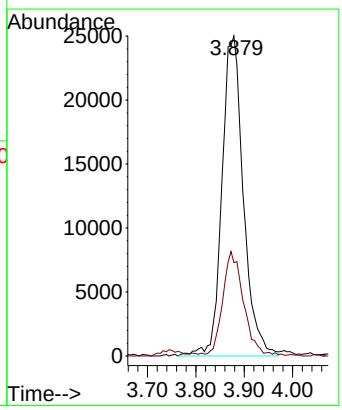


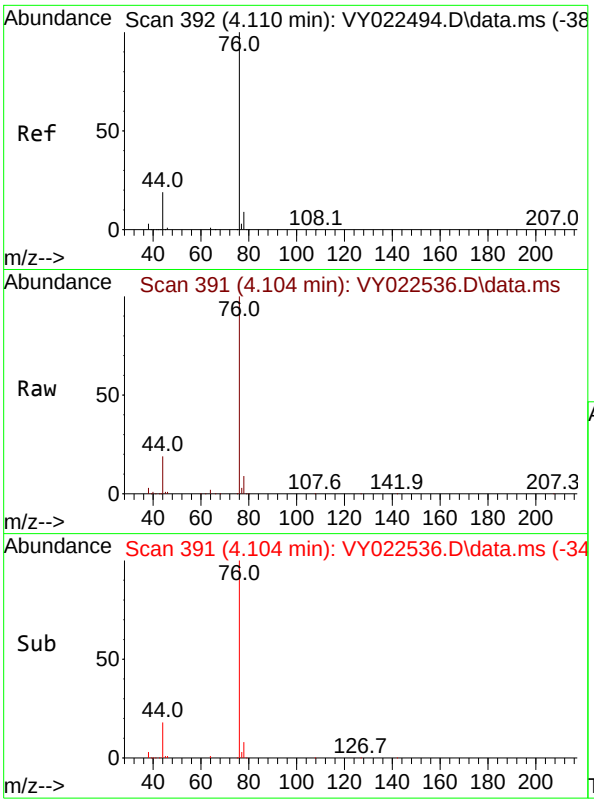


#16
Acetone
Concen: 204.010 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 76951

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.0	36.0



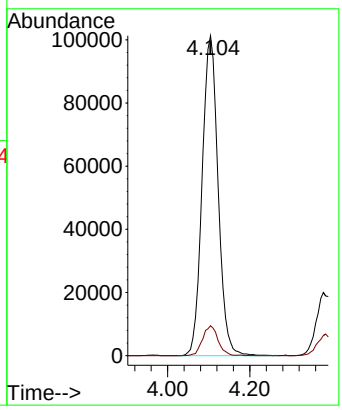


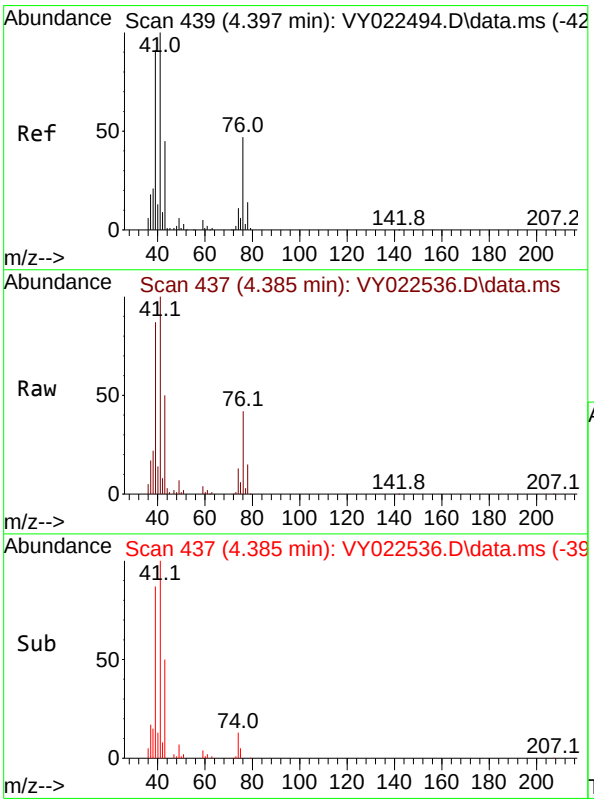
#17
Carbon Disulfide
Concen: 48.945 ug/l
RT: 4.104 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 272880

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

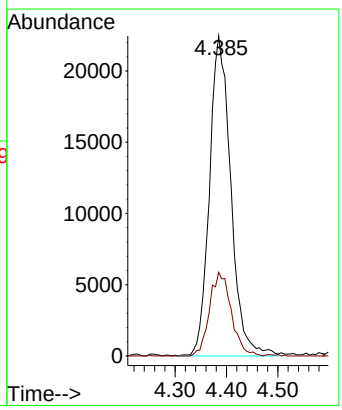


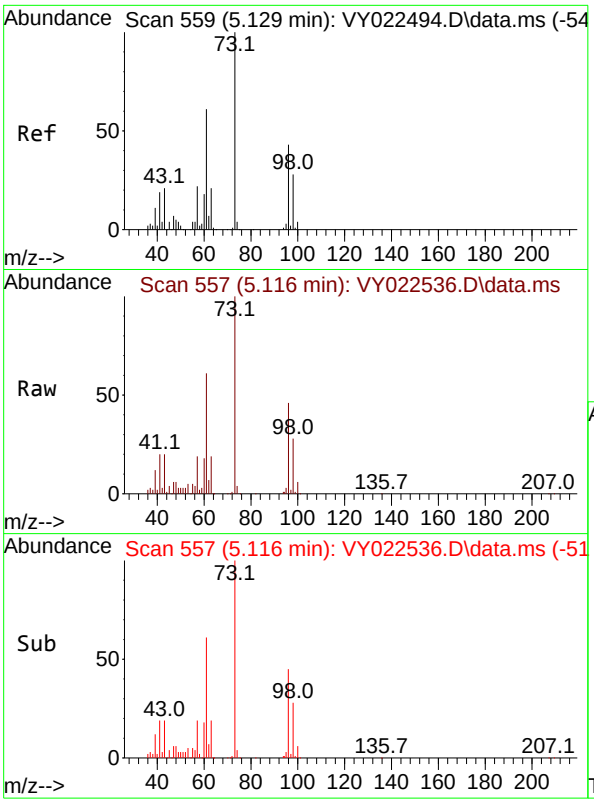


#18
Methyl Acetate
Concen: 57.944 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 64722

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.8	29.6



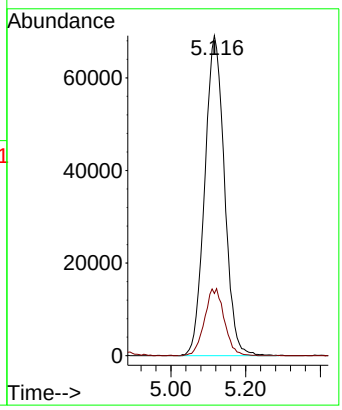


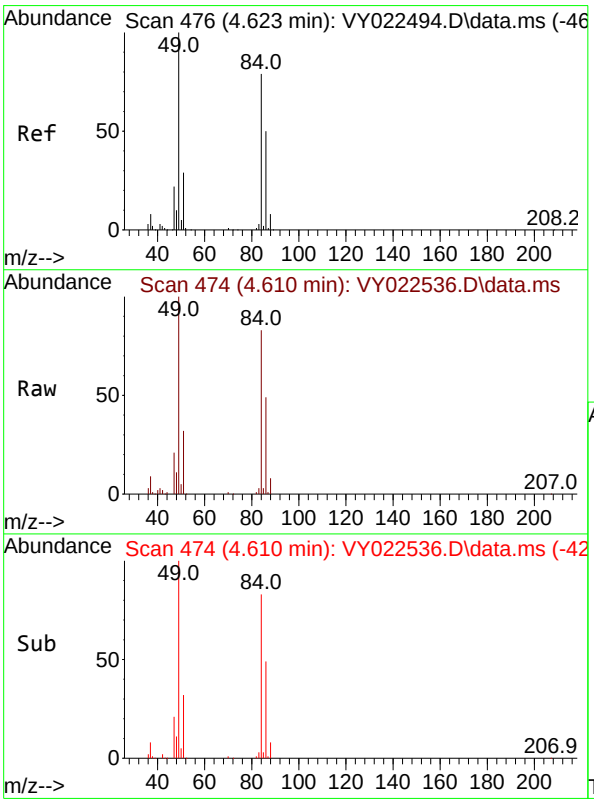
#19
Methyl tert-butyl Ether
Concen: 51.530 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 252752

Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.4	26.0

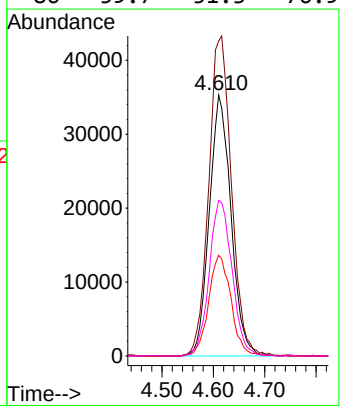


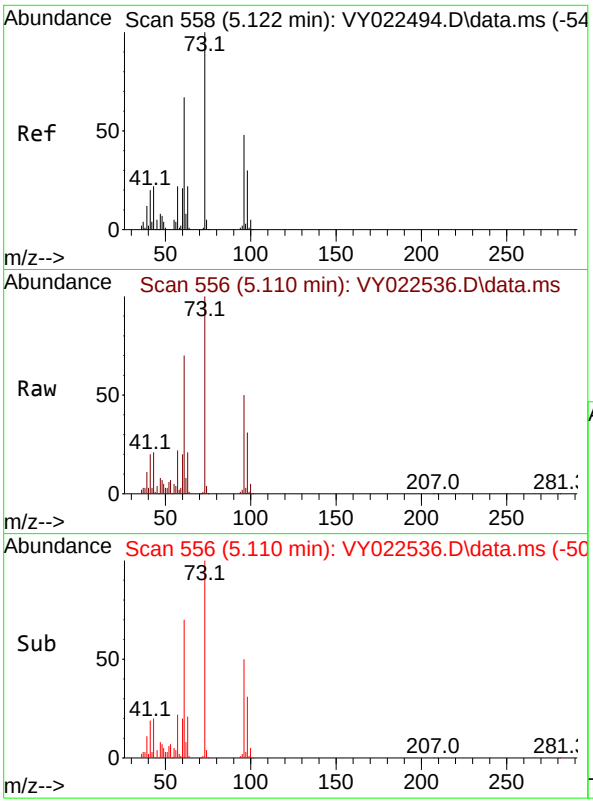


#20
Methylene Chloride
Concen: 48.434 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 84 Resp: 103775

Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.9	152.9
51	38.6	29.8	44.8
86	59.7	51.3	76.9



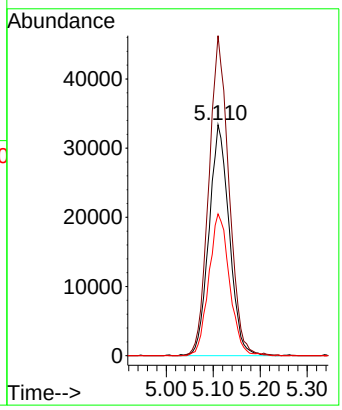


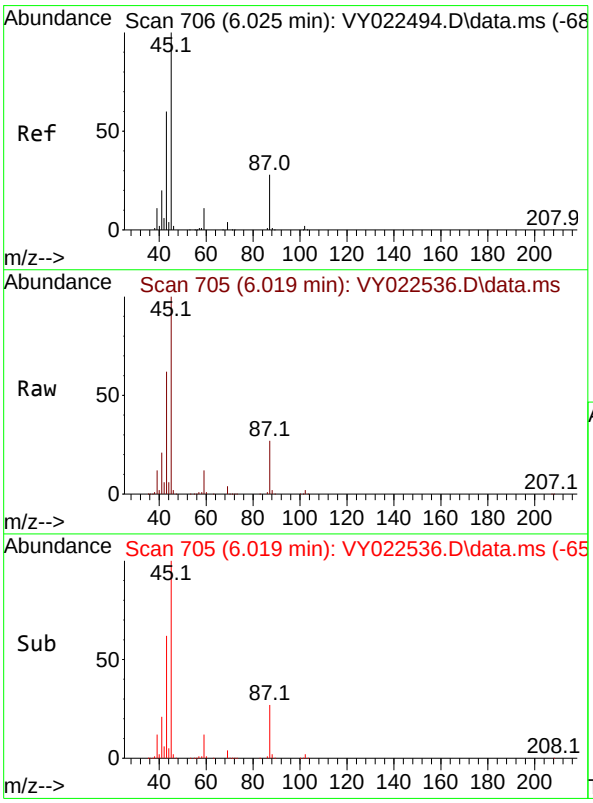
#21
trans-1,2-Dichloroethene
Concen: 51.234 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 99855

Ion	Ratio	Lower	Upper
96	100		
61	138.6	112.6	169.0
98	61.4	50.6	75.8

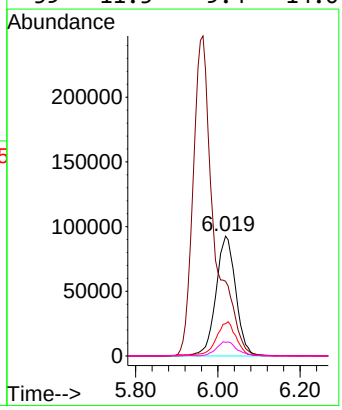


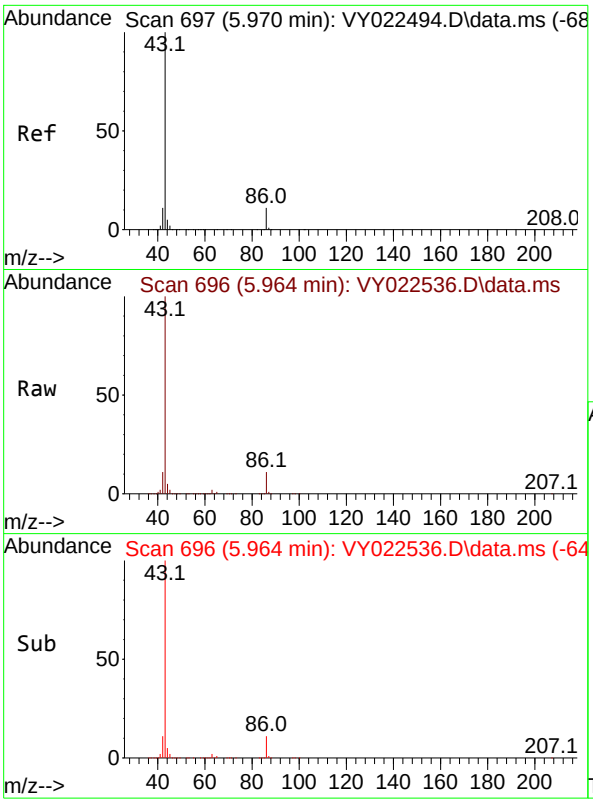


#22
Diisopropyl ether
Concen: 50.880 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 45 Resp: 309614

Ion	Ratio	Lower	Upper
45	100		
43	61.9	48.3	72.5
87	26.9	23.0	34.6
59	11.5	9.4	14.0



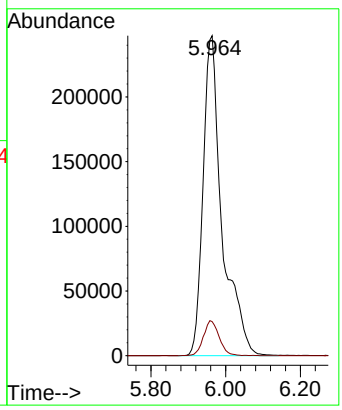


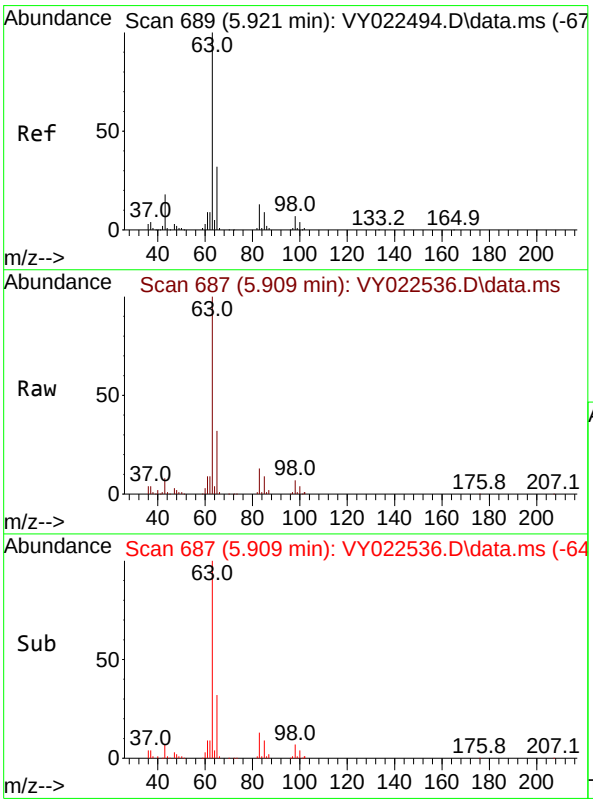
#23
Vinyl Acetate
Concen: 242.366 ug/l
RT: 5.964 min Scan# 6
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 872923

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.6	12.8

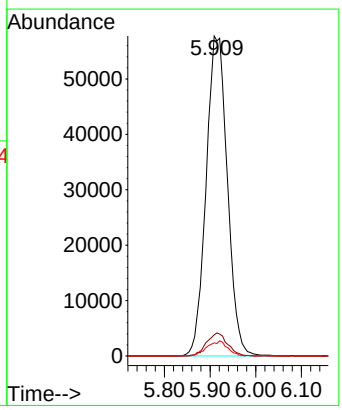


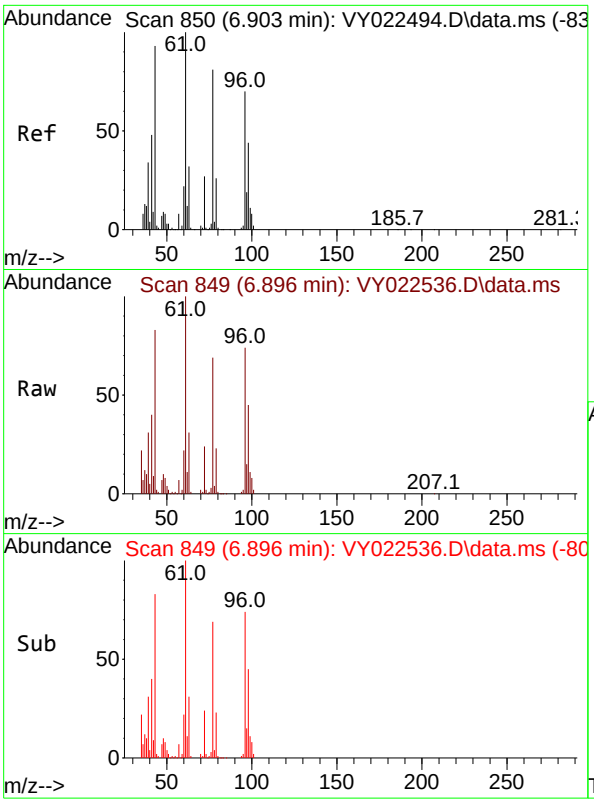


#24
1,1-Dichloroethane
Concen: 52.059 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 186627

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.1	2.1	6.3



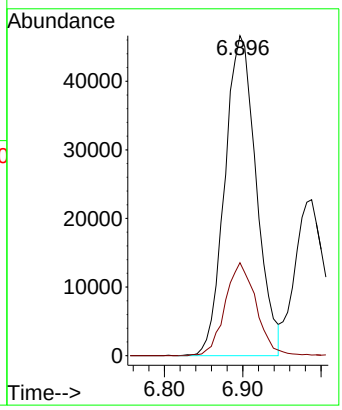


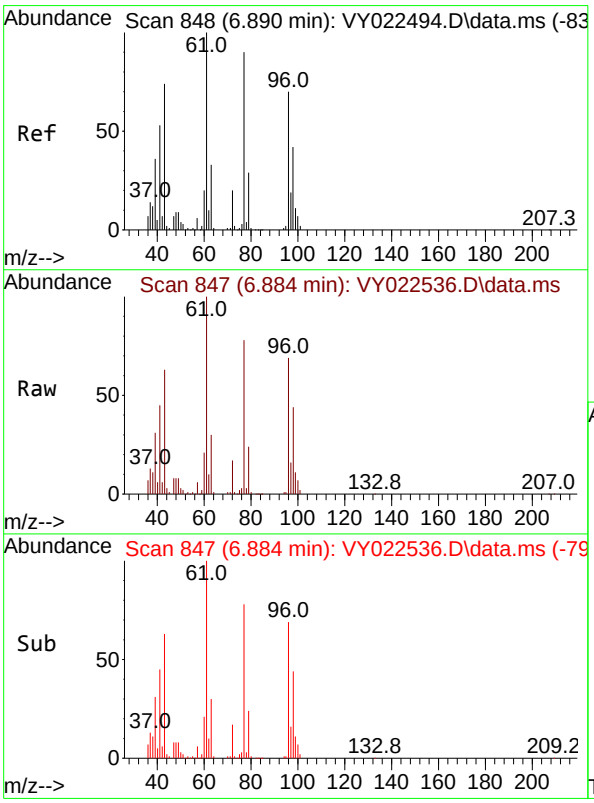
#25
2-Butanone
Concen: 239.934 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130543

Ion	Ratio	Lower	Upper
43	100		
72	29.0	22.9	34.3

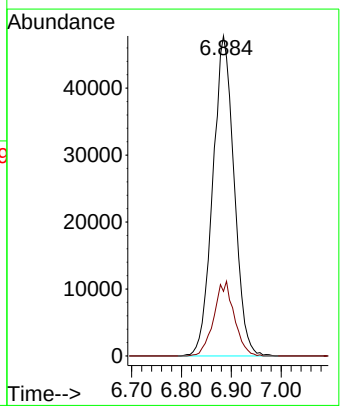


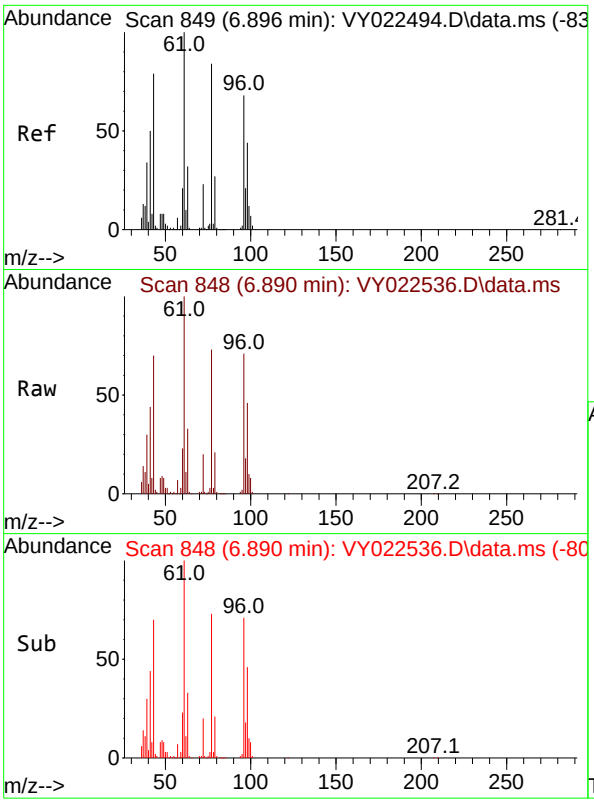


#26
2,2-Dichloropropane
Concen: 44.756 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 77 Resp: 141764

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.4	34.2



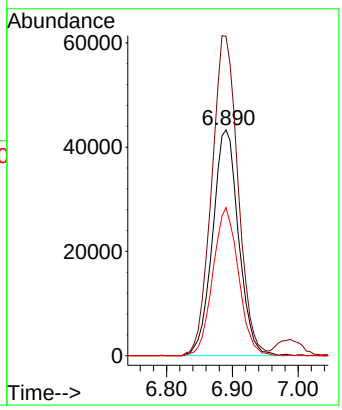


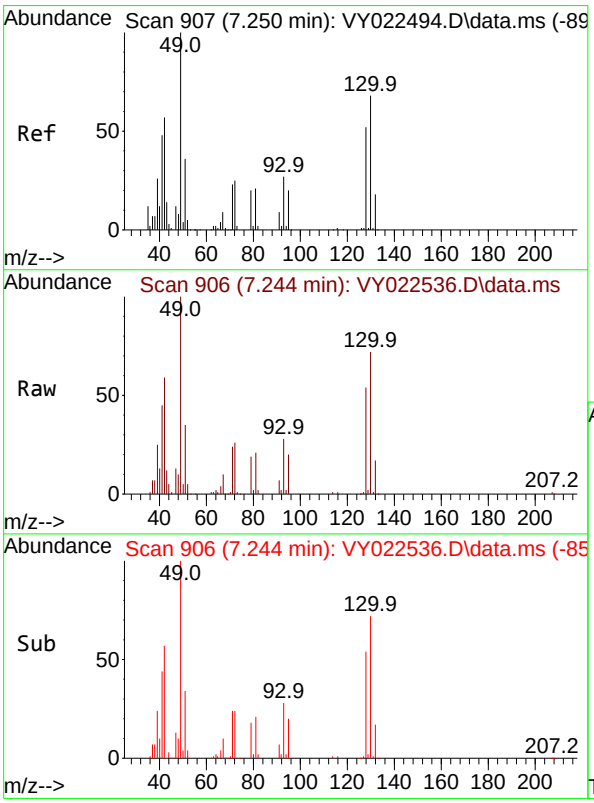
#27
cis-1,2-Dichloroethene
Concen: 52.805 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 118957

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	290.0
98	64.8	0.0	128.4

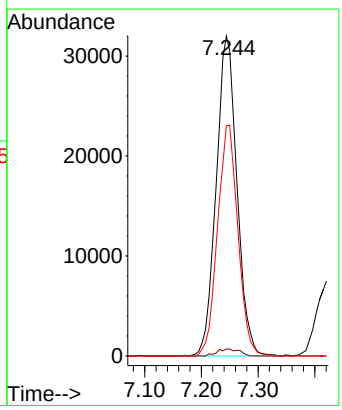


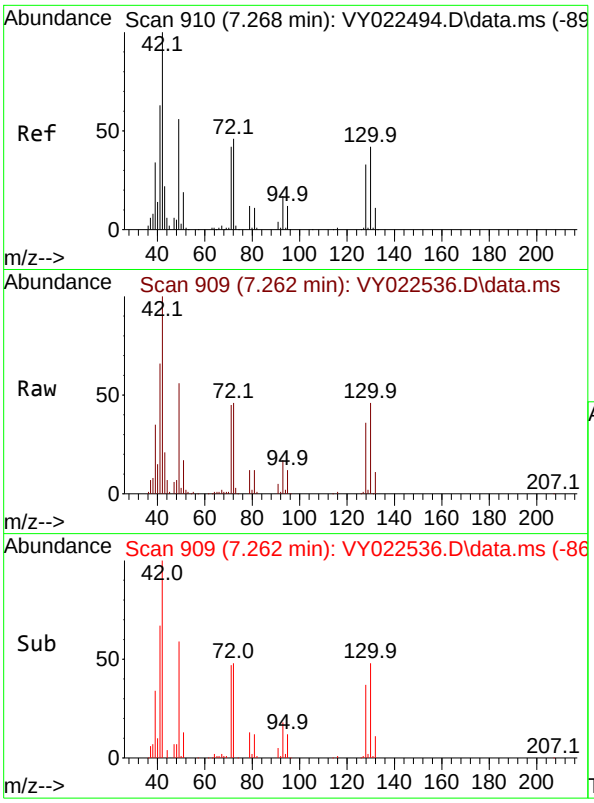


#28
Bromochloromethane
Concen: 52.064 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 49 Resp: 81360

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	70.9	55.7	83.5



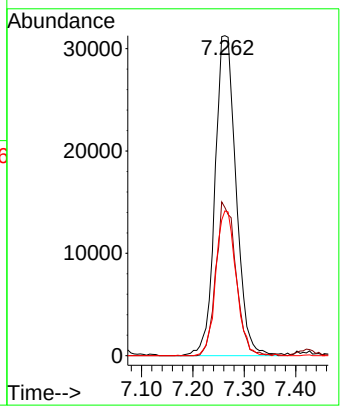


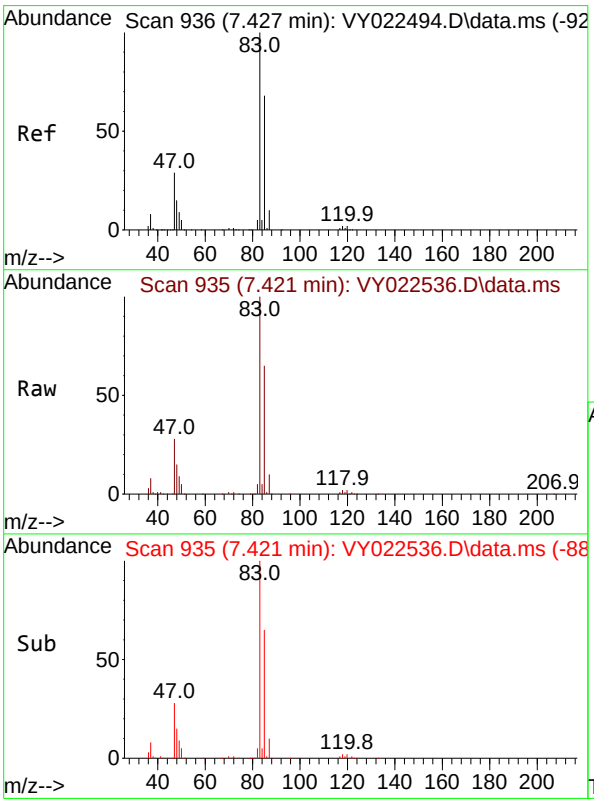
#29
Tetrahydrofuran
Concen: 253.372 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 88912

Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.4	56.2
71	43.9	34.2	51.2

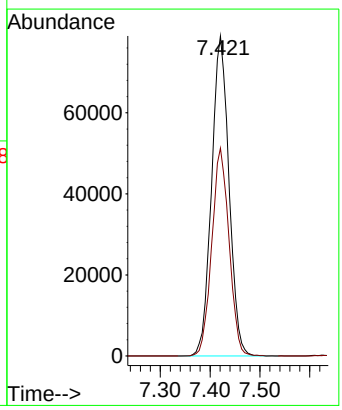


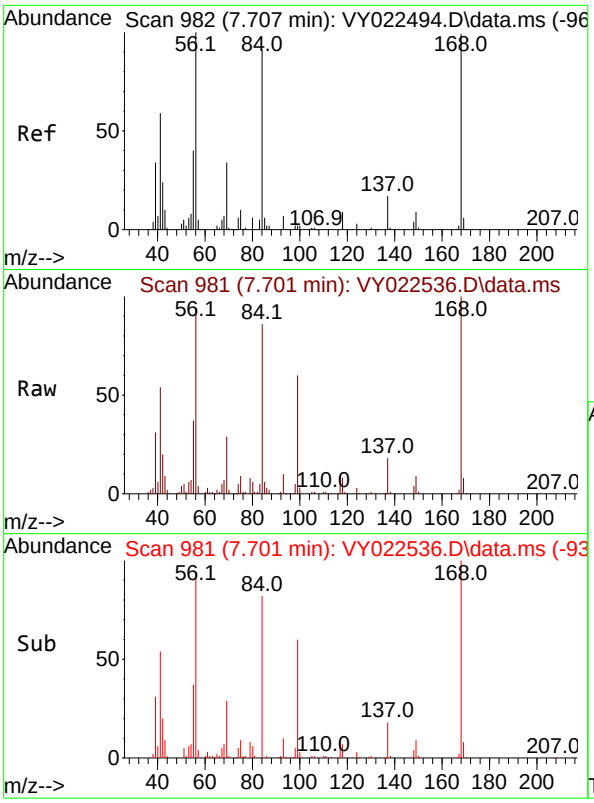


#30
Chloroform
Concen: 53.831 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 83 Resp: 191144

Ion	Ratio	Lower	Upper
83	100		
85	64.9	54.2	81.4



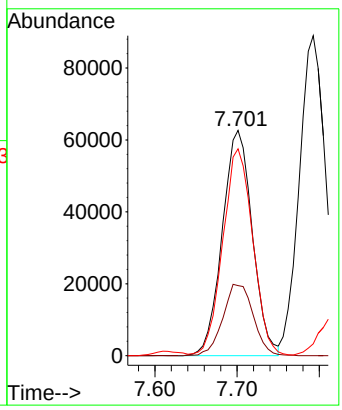


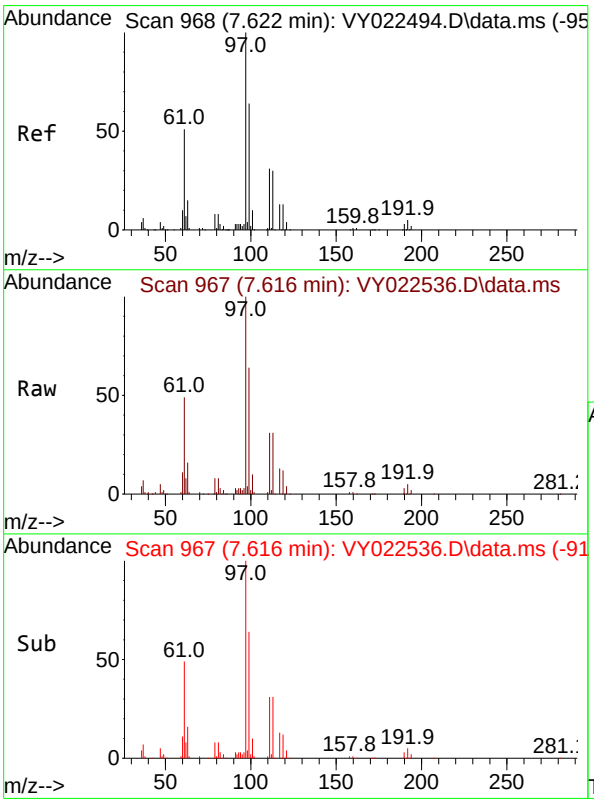
#31
Cyclohexane
Concen: 44.669 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 159421

Ion	Ratio	Lower	Upper
56	100		
69	31.1	27.0	40.6
84	90.4	72.6	109.0

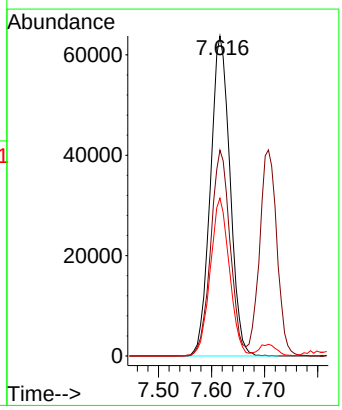


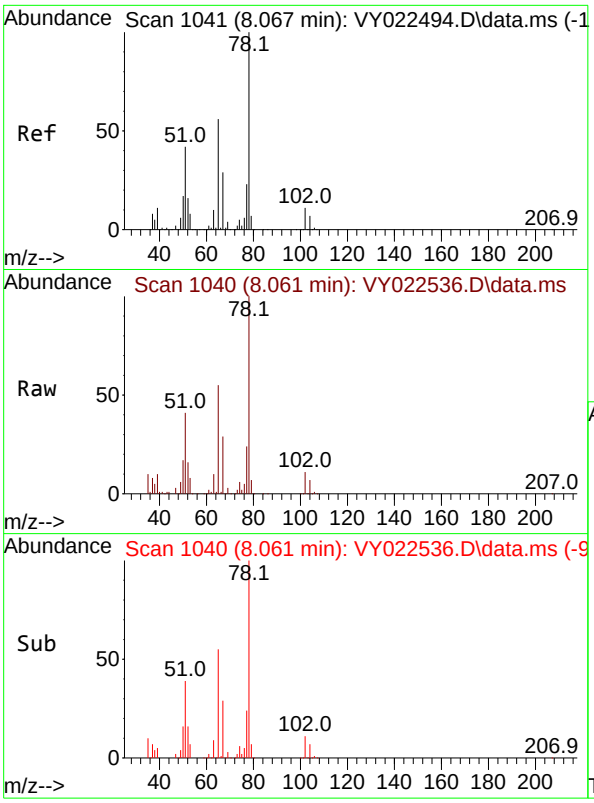


#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 97 Resp: 163575

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.9	76.3
61	48.4	38.5	57.7



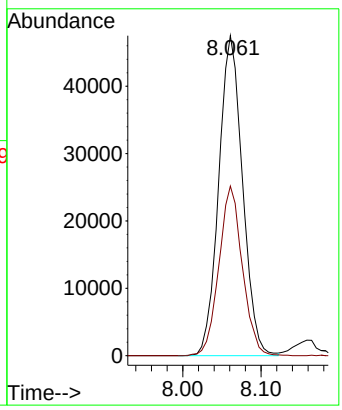


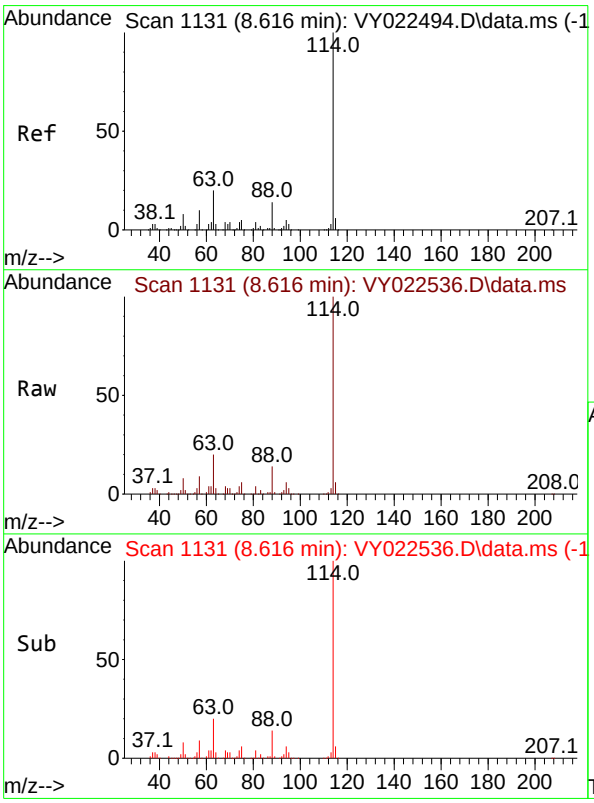
#33
1,2-Dichloroethane-d4
Concen: 54.078 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 100440

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4

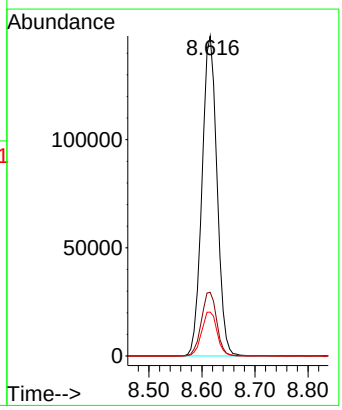


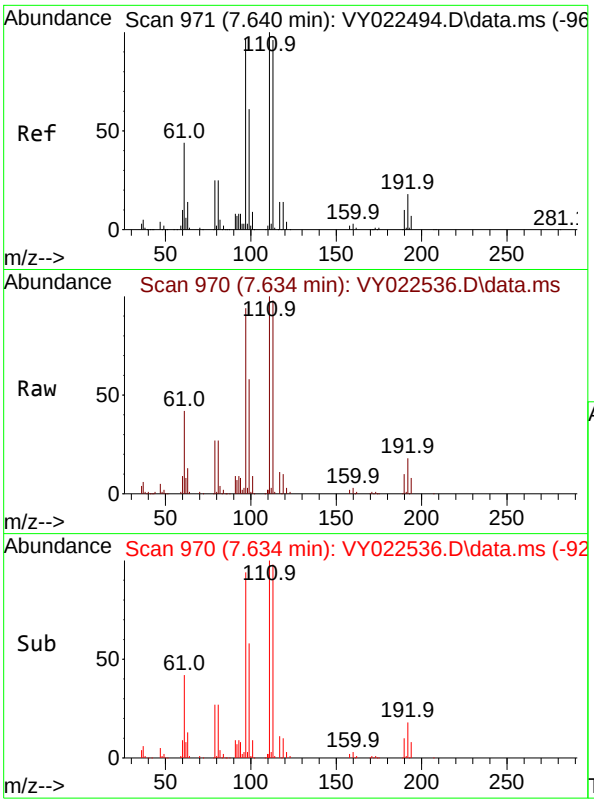


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:114 Resp: 290559

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	13.7	0.0	27.8



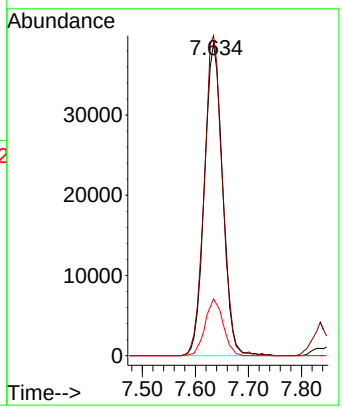


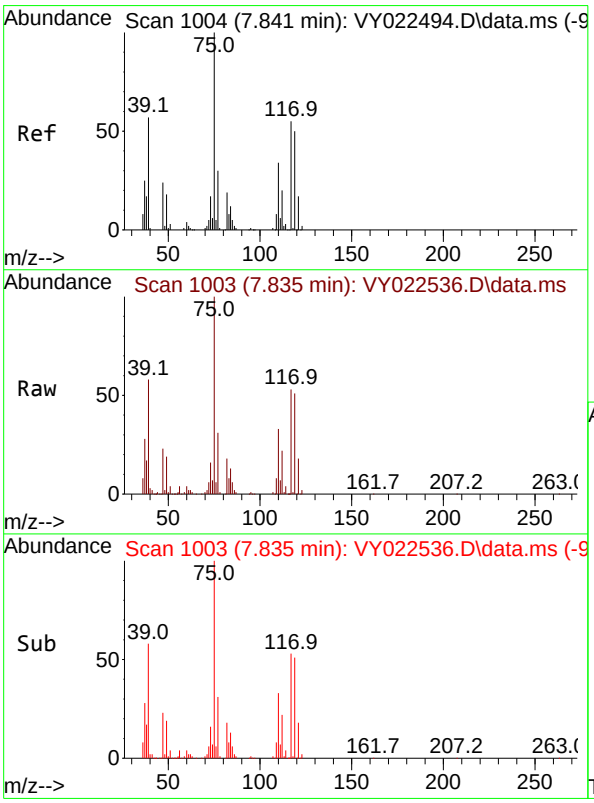
#35
Dibromofluoromethane
Concen: 53.645 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 93036

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	18.0	14.2	21.2

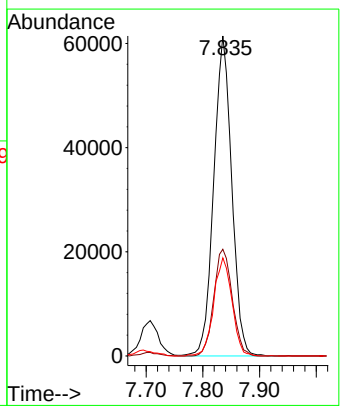


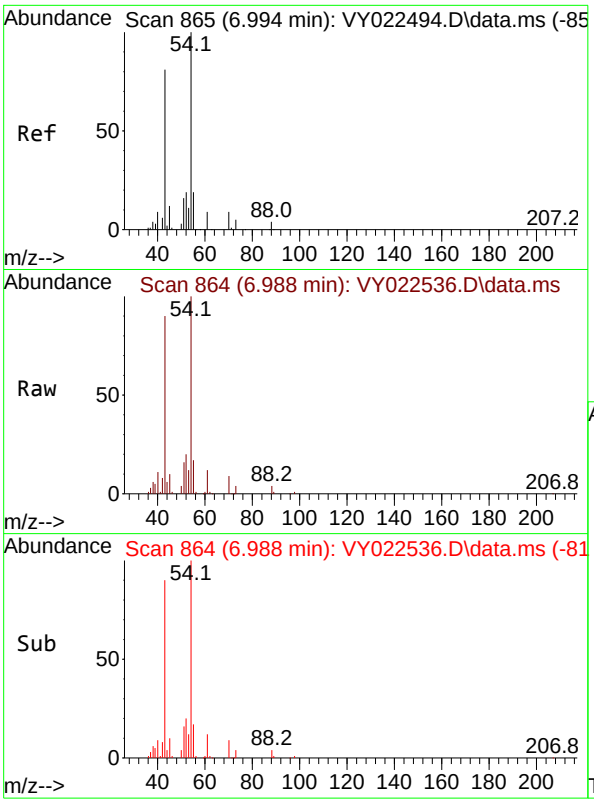


#36
1,1-Dichloropropene
Concen: 48.169 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 135585

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	31.0	24.8	37.2



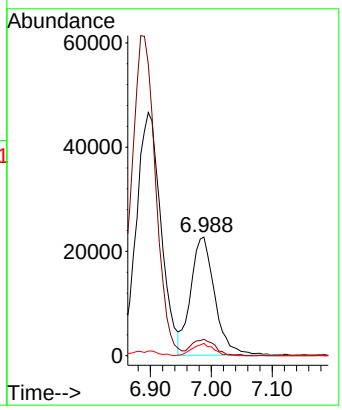


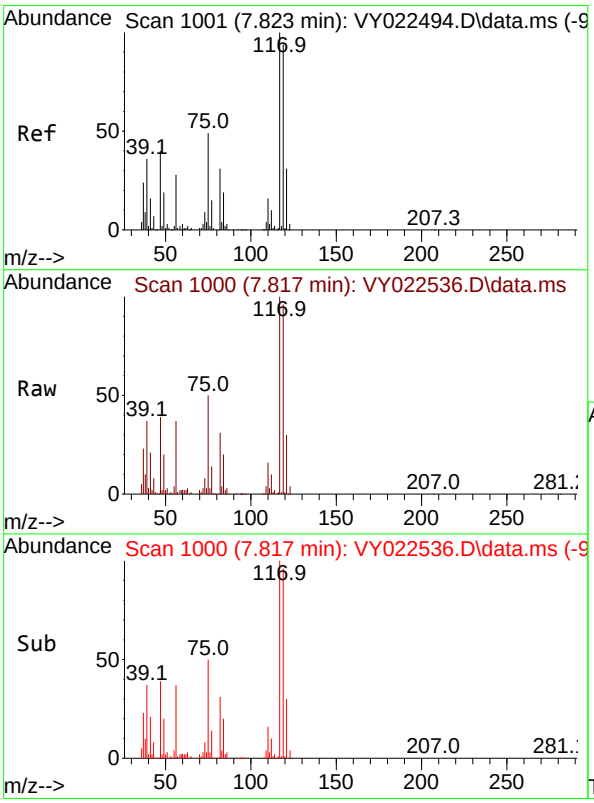
#37
Ethyl Acetate
Concen: 49.427 ug/l
RT: 6.988 min Scan# 8
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 62043

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	9.1	7.2	10.8

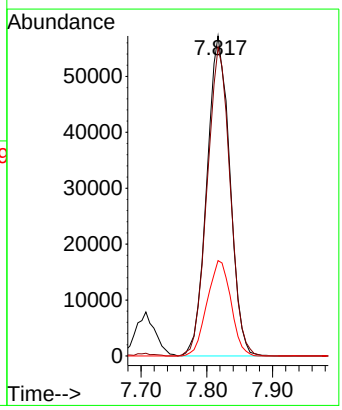


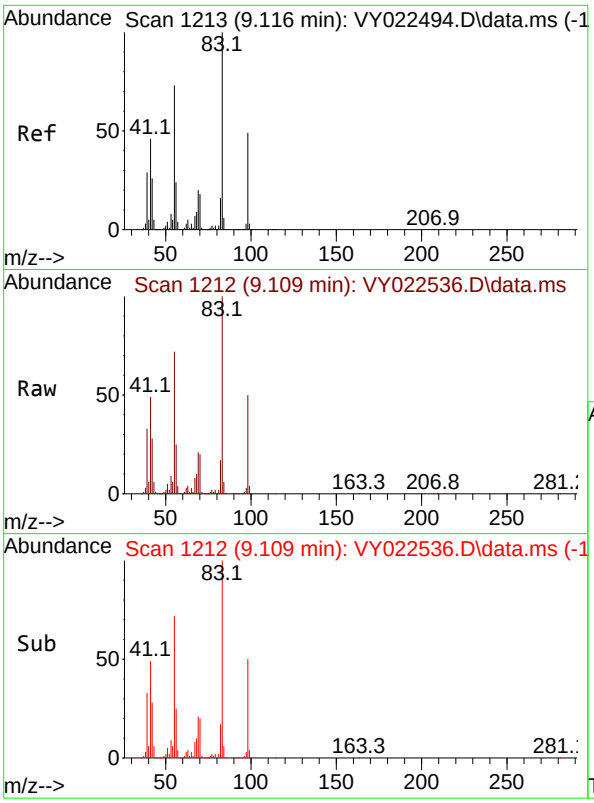


#38
Carbon Tetrachloride
Concen: 48.083 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:117 Resp: 138842

Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
121	29.8	25.0	37.4



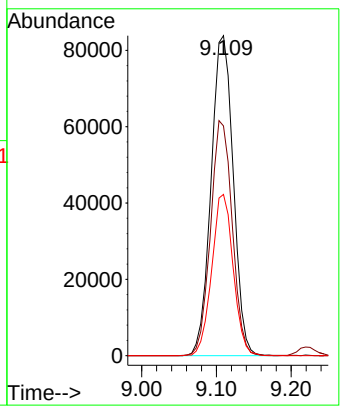


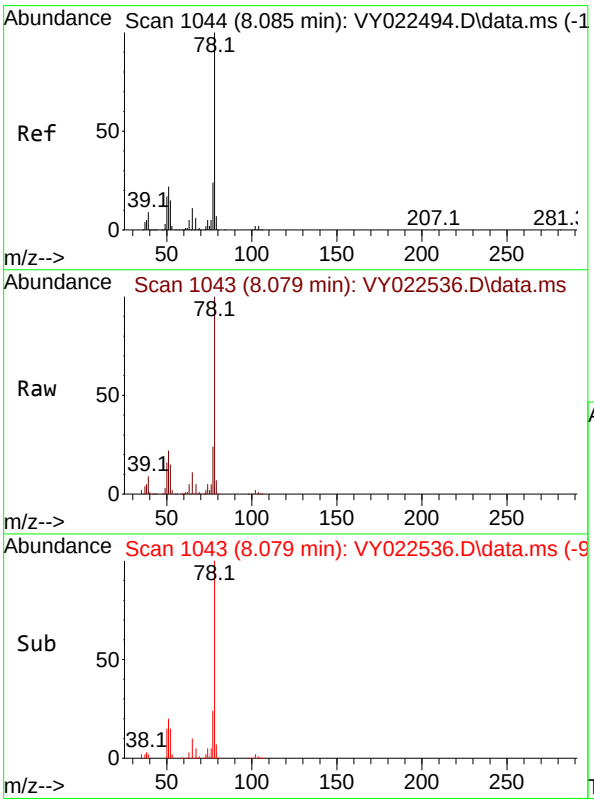
#39
Methylcyclohexane
Concen: 45.614 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 172541

Ion	Ratio	Lower	Upper
83	100		
55	71.8	58.1	87.1
98	50.4	39.0	58.6

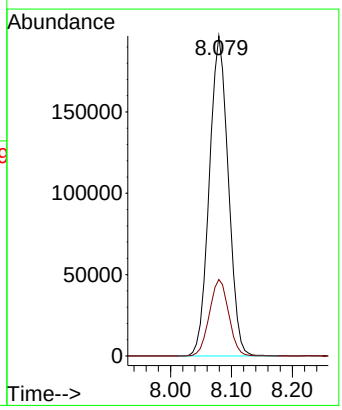


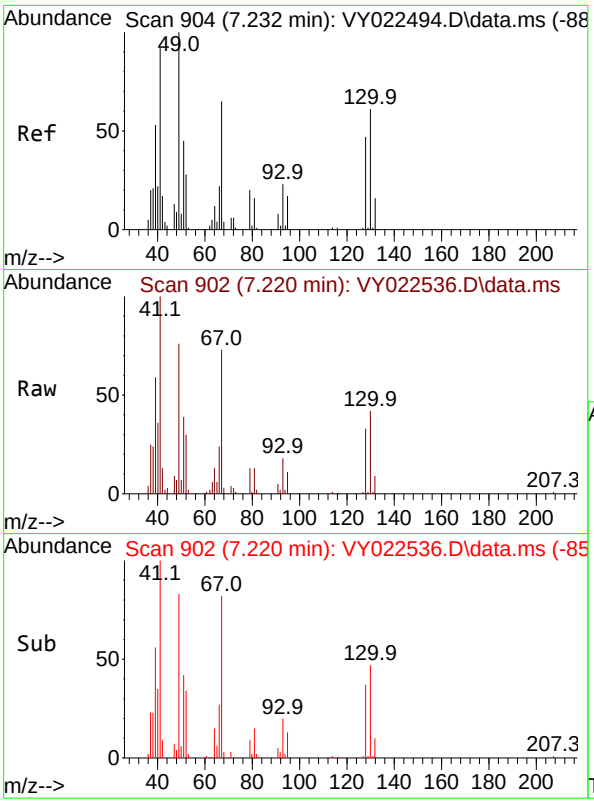


#40
Benzene
Concen: 51.189 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 78 Resp: 425567

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



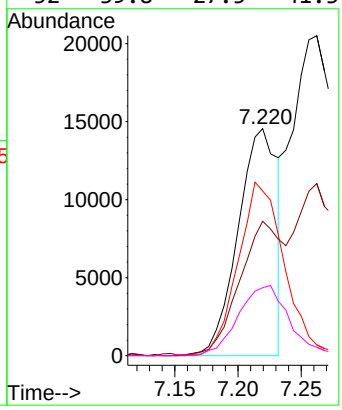


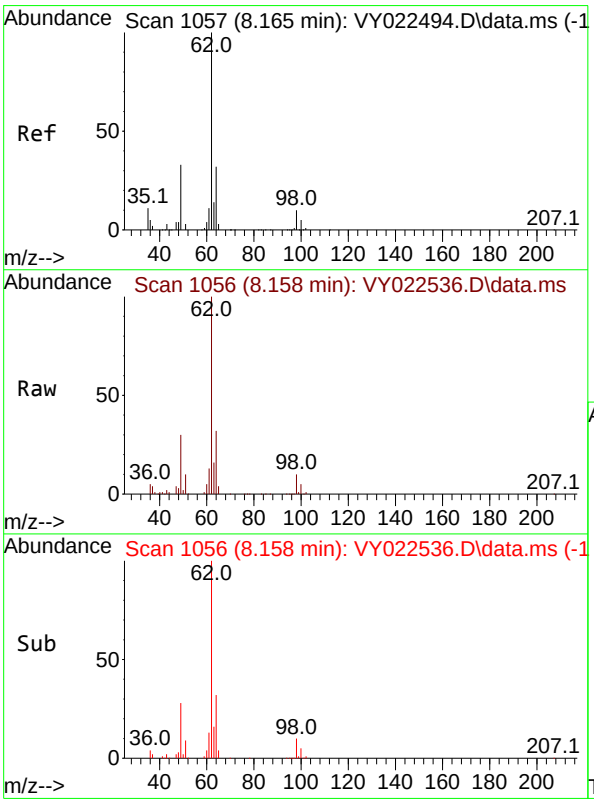
#41
Methacrylonitrile
Concen: 43.084 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 31589

Ion	Ratio	Lower	Upper
41	100		
39	65.2	46.6	69.8
67	89.3	63.3	94.9
52	39.8	27.5	41.3

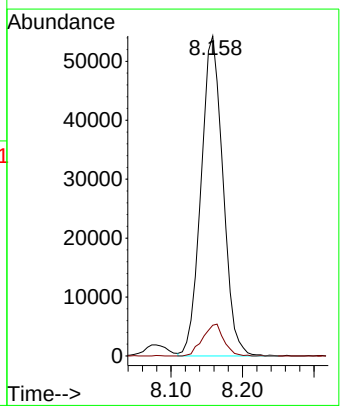


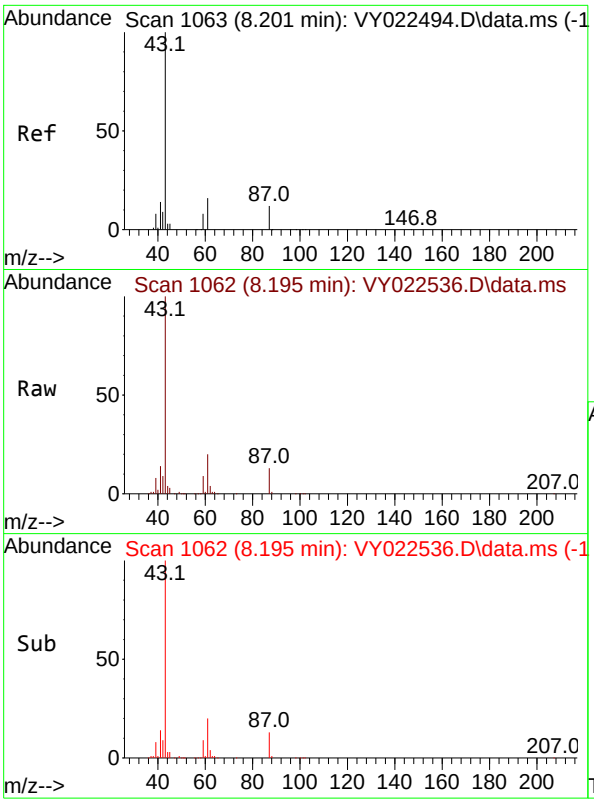


#42
1,2-Dichloroethane
Concen: 50.939 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 62 Resp: 115630

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



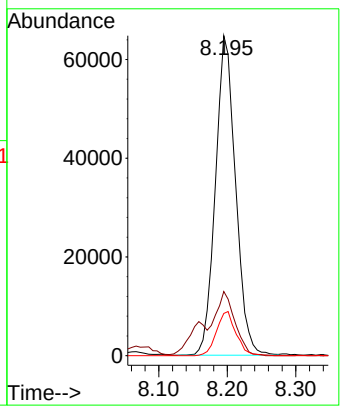


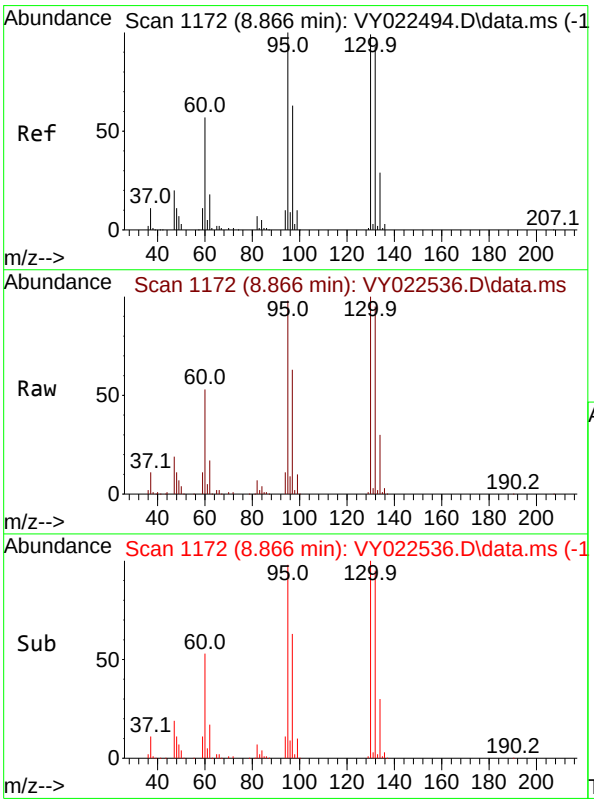
#43
Isopropyl Acetate
Concen: 48.629 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 131831

Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.6	23.4
87	13.4	10.2	15.4

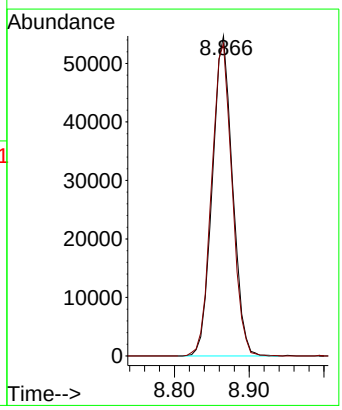


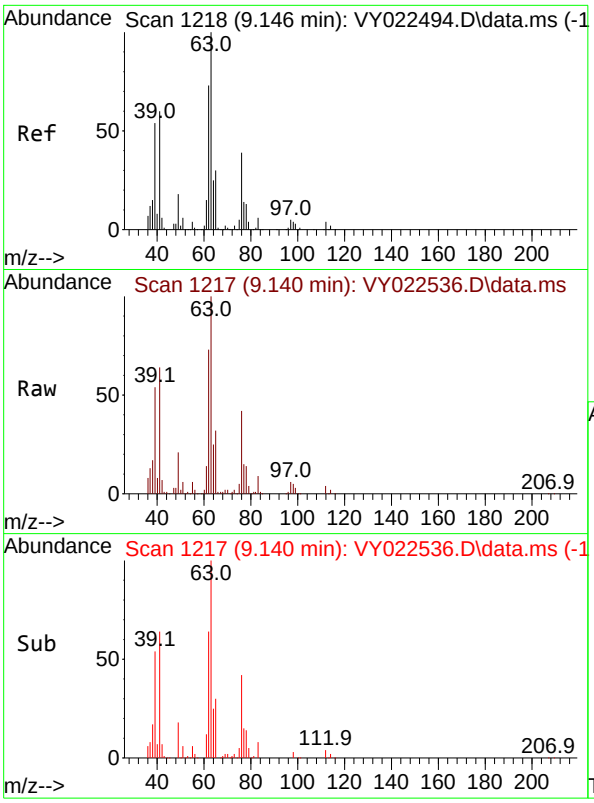


#44
Trichloroethene
Concen: 50.618 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:130 Resp: 102849

Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	203.0



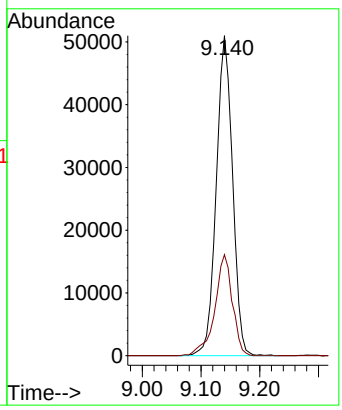


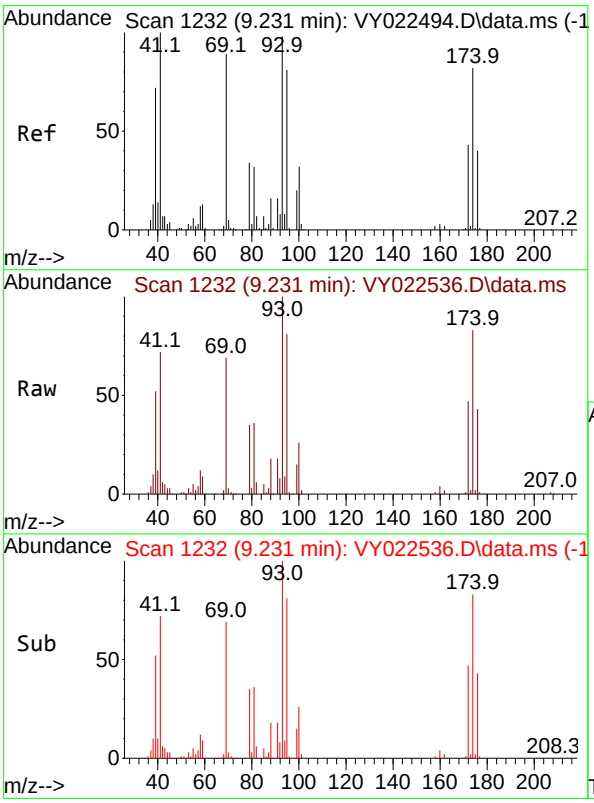
#45
1,2-Dichloropropane
Concen: 49.958 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 98157

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.0	36.0

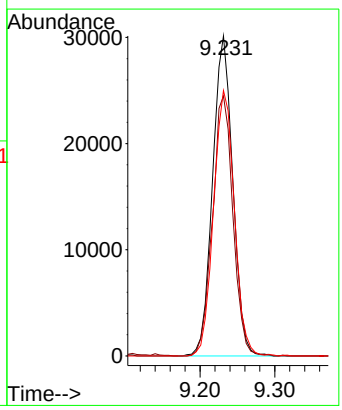


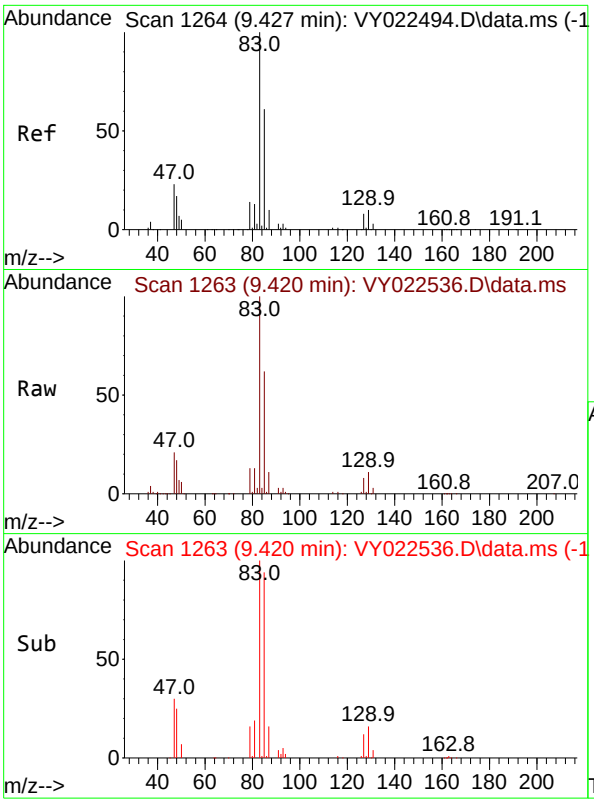


#46
Dibromomethane
Concen: 51.134 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 93 Resp: 56522

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.6	98.4
174	85.6	70.4	105.6



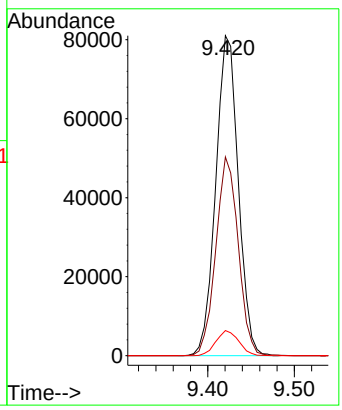


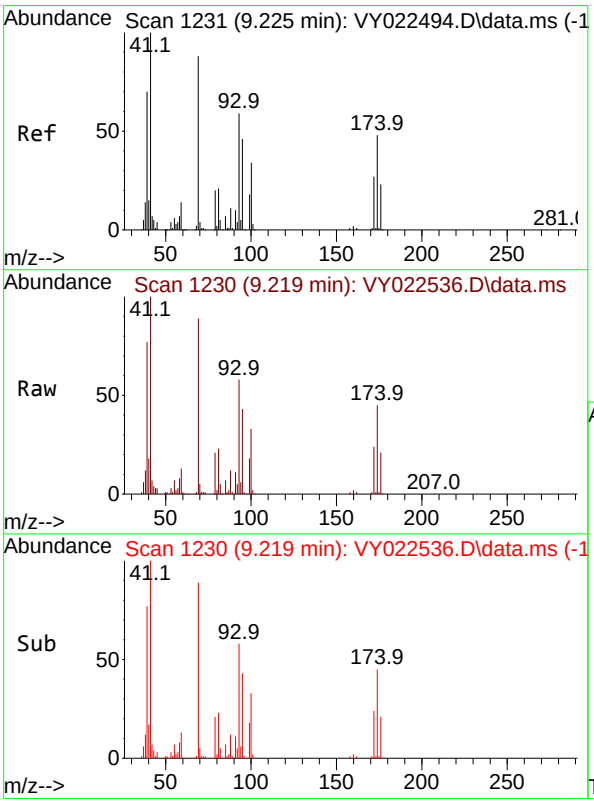
#47
Bromodichloromethane
Concen: 52.192 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 146284

Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.1	73.7
127	7.9	6.2	9.4

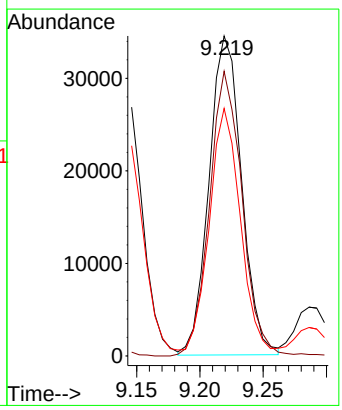


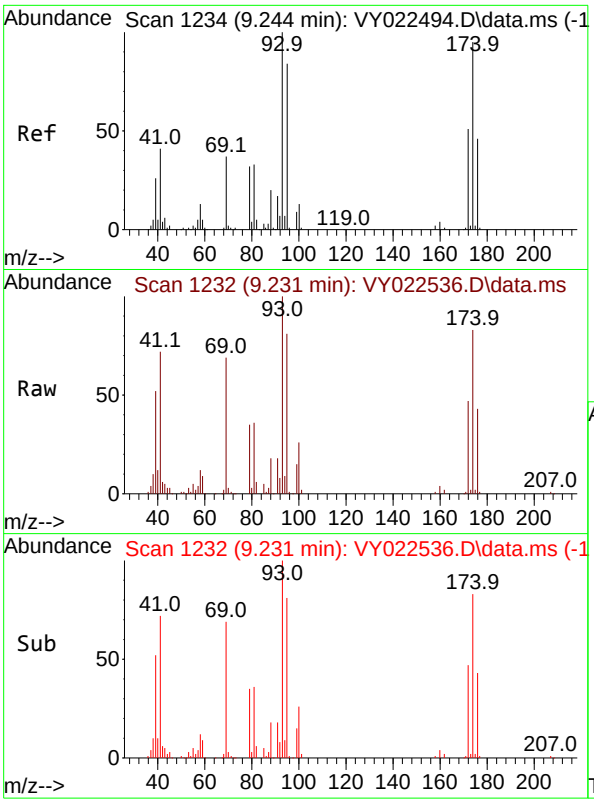


#48
Methyl methacrylate
Concen: 48.502 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 41 Resp: 61711

Ion	Ratio	Lower	Upper
41	100		
69	89.6	67.8	101.8
39	71.6	55.0	82.4



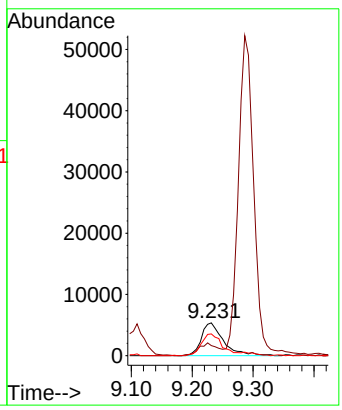


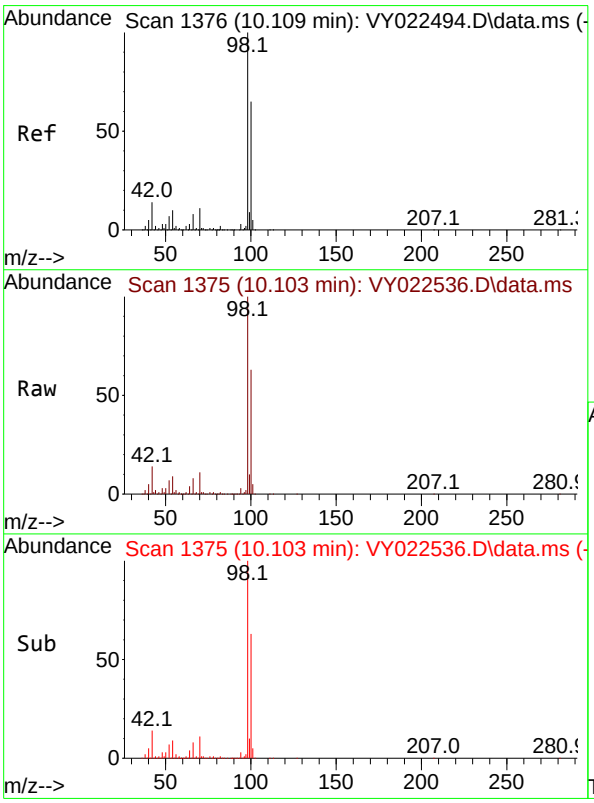
#49
1,4-Dioxane
Concen: 1033.044 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 13528

Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	63.0	54.9	82.3

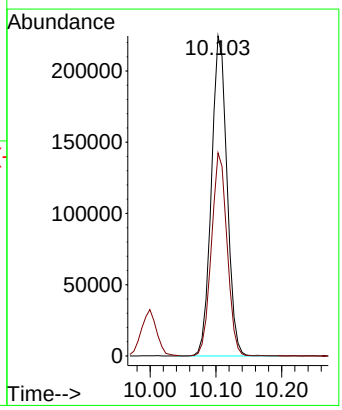


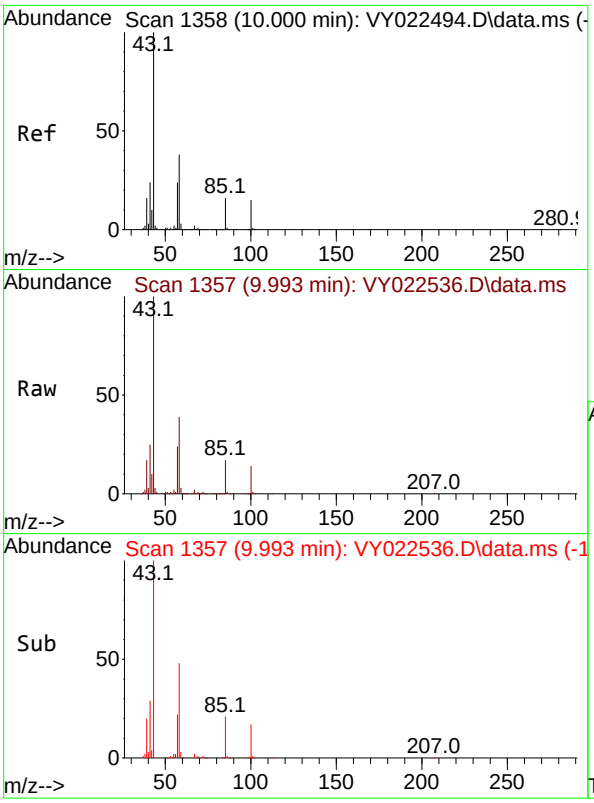


#50
Toluene-d8
Concen: 52.887 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 98 Resp: 370610

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0



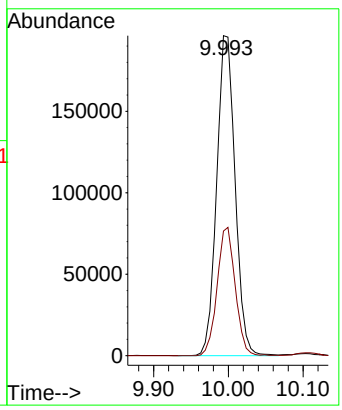


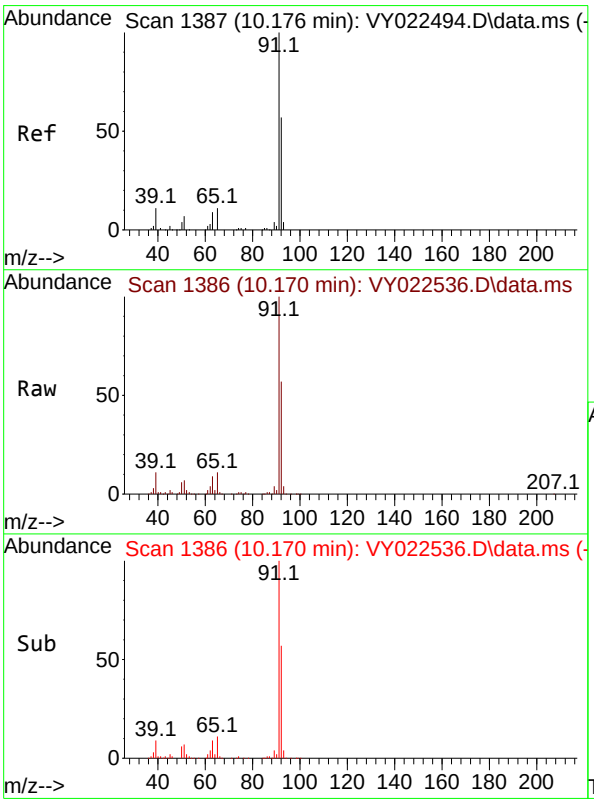
#51
4-Methyl-2-Pentanone
Concen: 249.686 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 337478

Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6

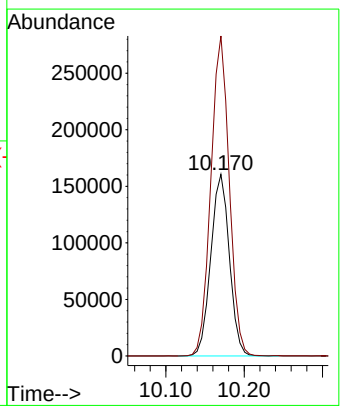


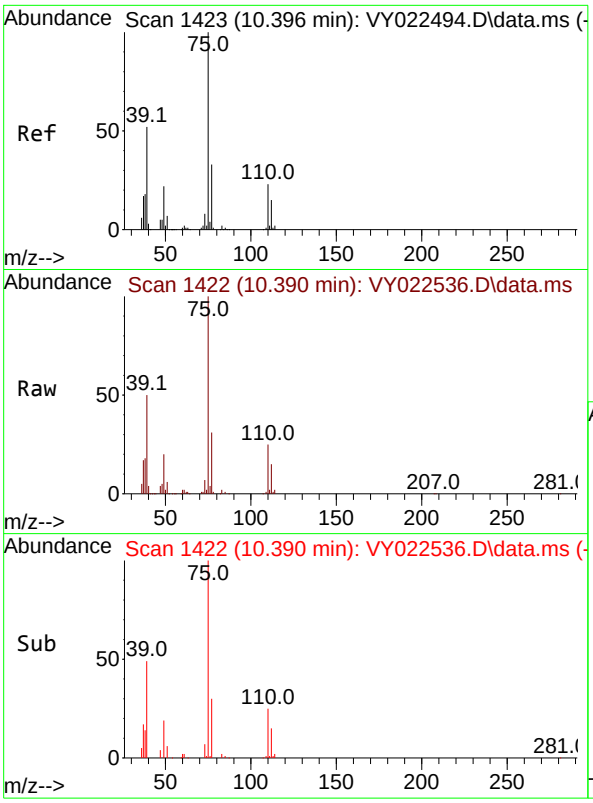


#52
Toluene
Concen: 50.578 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 92 Resp: 264244

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.0	208.4



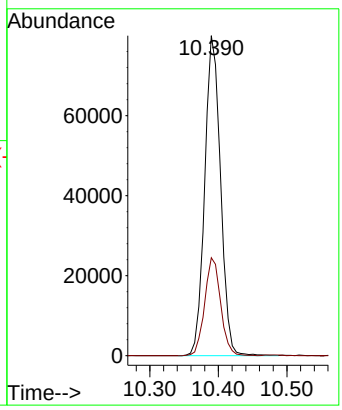


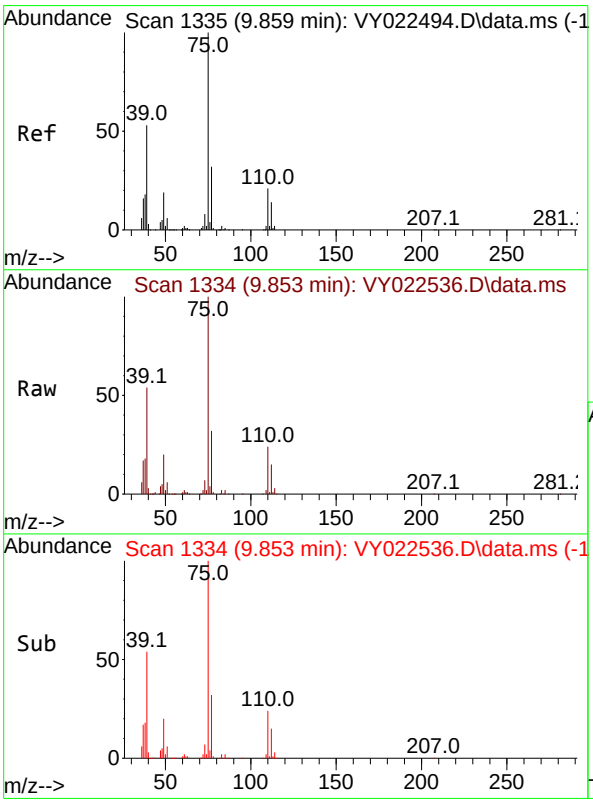
#53
t-1,3-Dichloropropene
Concen: 48.903 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 128425

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.5	39.7

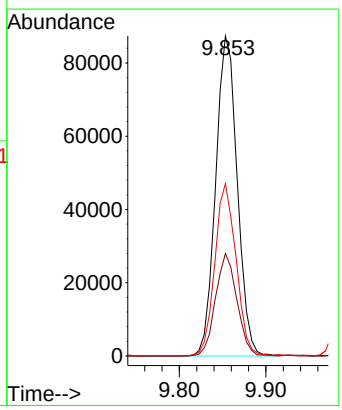


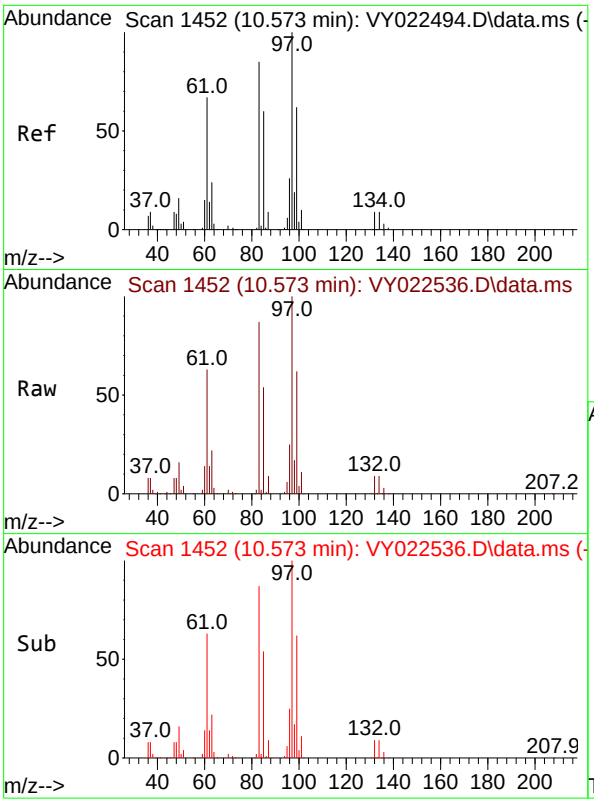


#54
cis-1,3-Dichloropropene
Concen: 49.453 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 151178

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	53.8	42.7	64.1



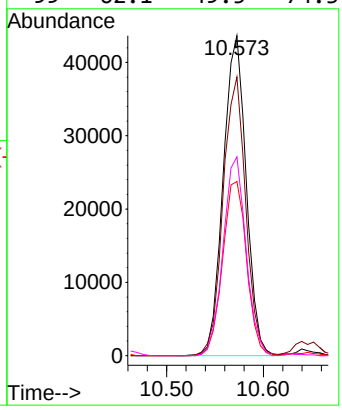


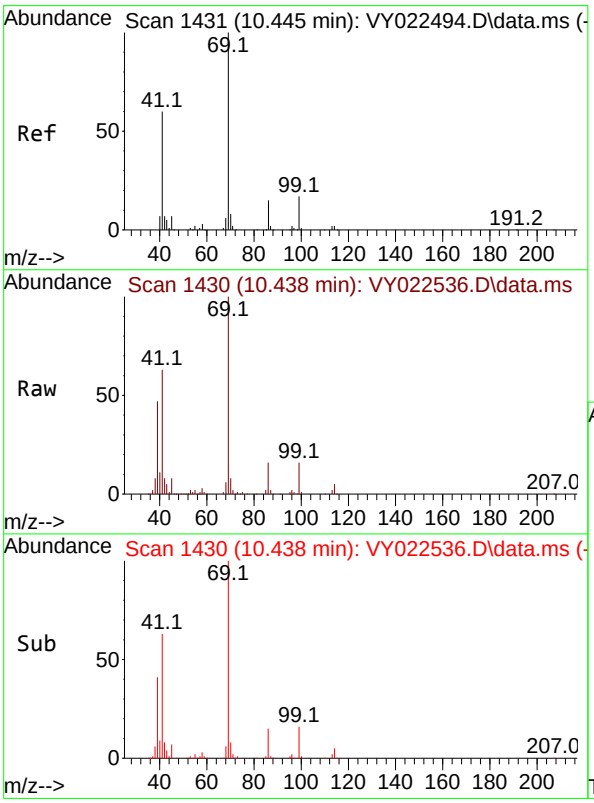
#55
1,1,2-Trichloroethane
Concen: 51.020 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 71912

Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.1	102.1
85	54.4	48.2	72.2
99	62.1	49.5	74.3

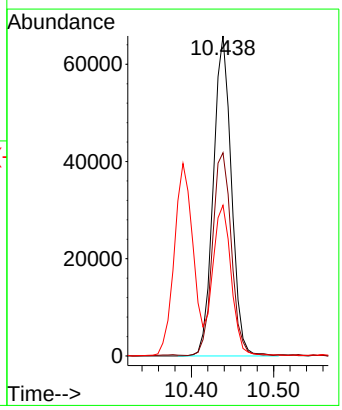


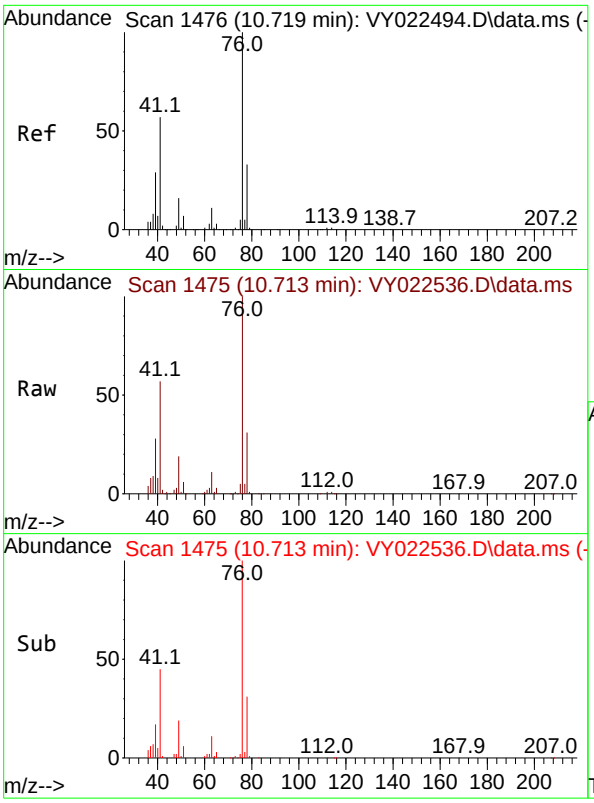


#56
Ethyl methacrylate
Concen: 49.541 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 69 Resp: 100924

Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.2	78.2
39	48.0	36.7	55.1



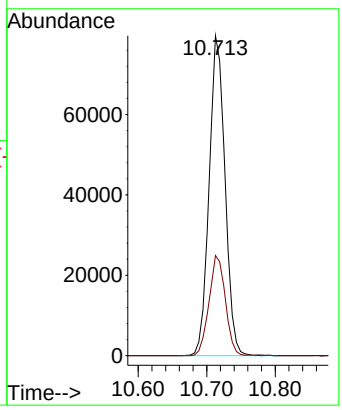


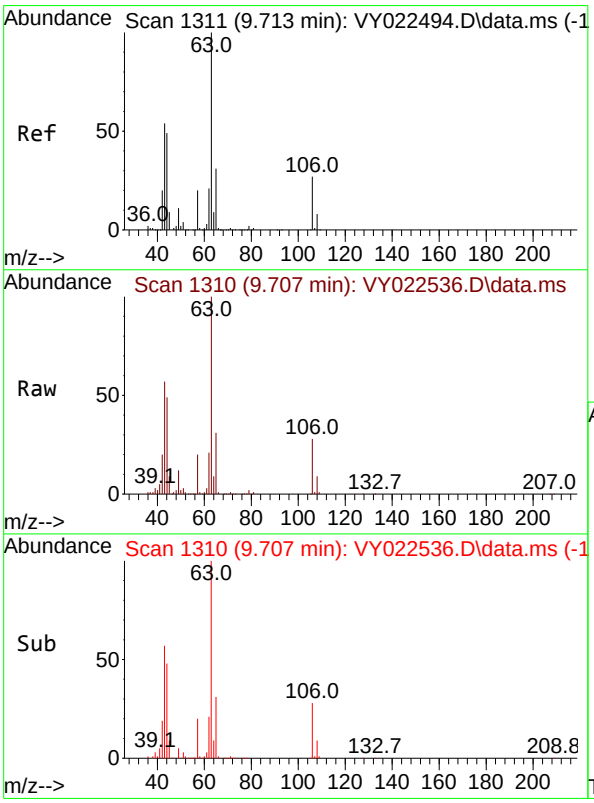
#57
1,3-Dichloropropane
Concen: 51.300 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 128157

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

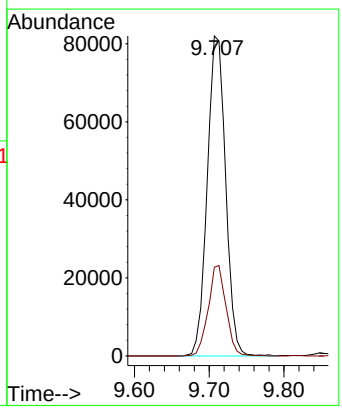


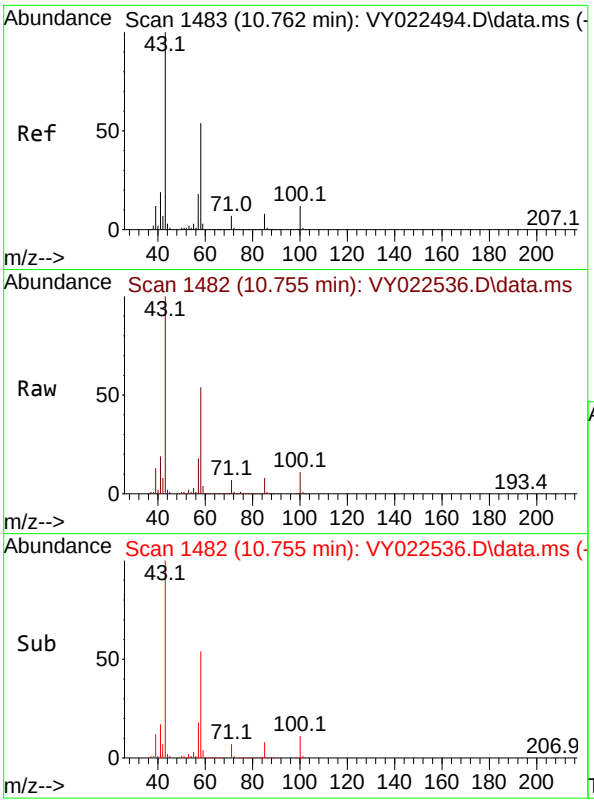


#58
2-Chloroethyl Vinyl ether
Concen: 151.378 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 63 Resp: 140012

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.6	32.4



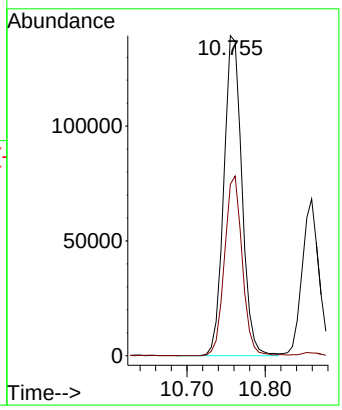


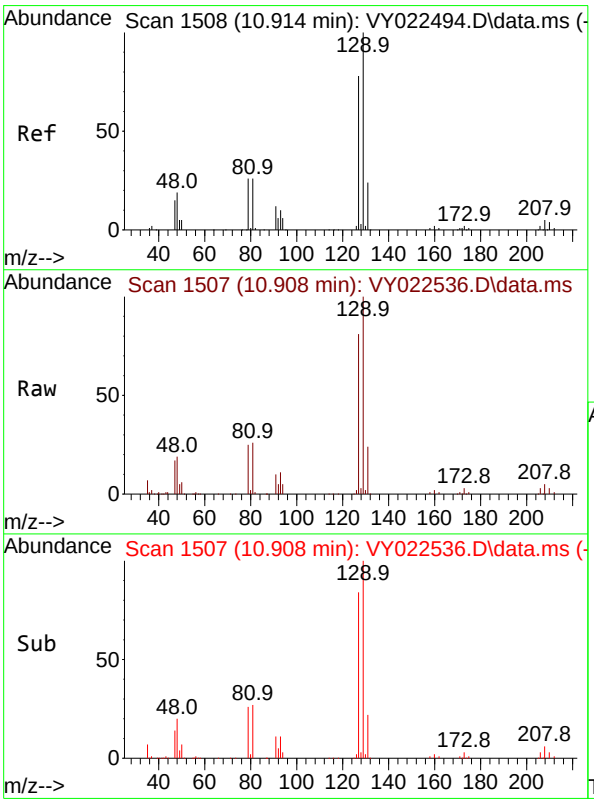
#59
2-Hexanone
Concen: 247.844 ug/l
RT: 10.755 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 224037

Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.3	81.8

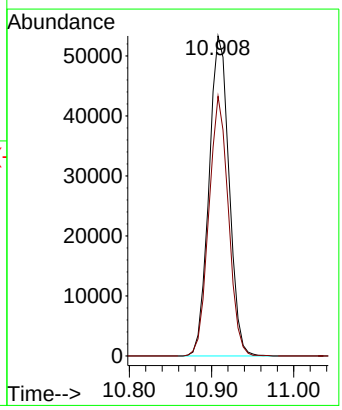


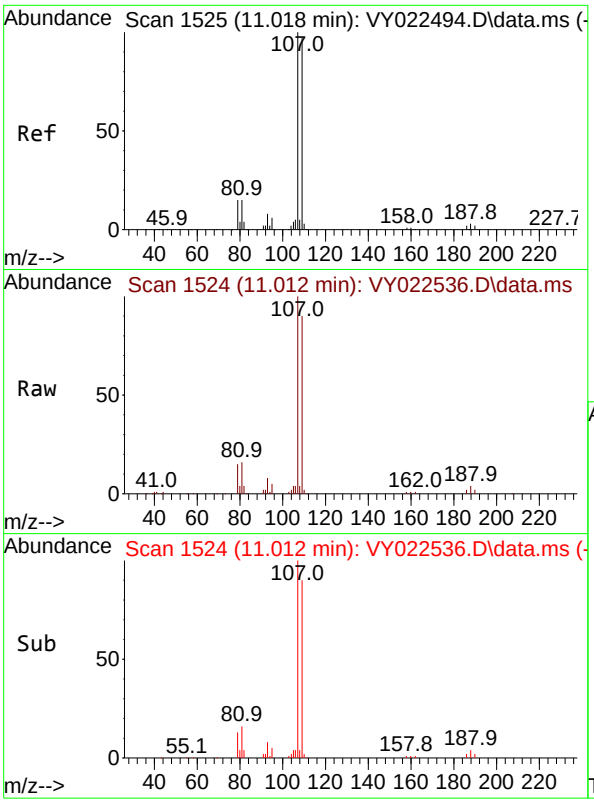


#60
Dibromochloromethane
Concen: 50.462 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:129 Resp: 90388

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.2



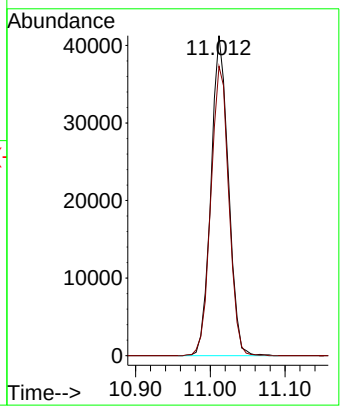


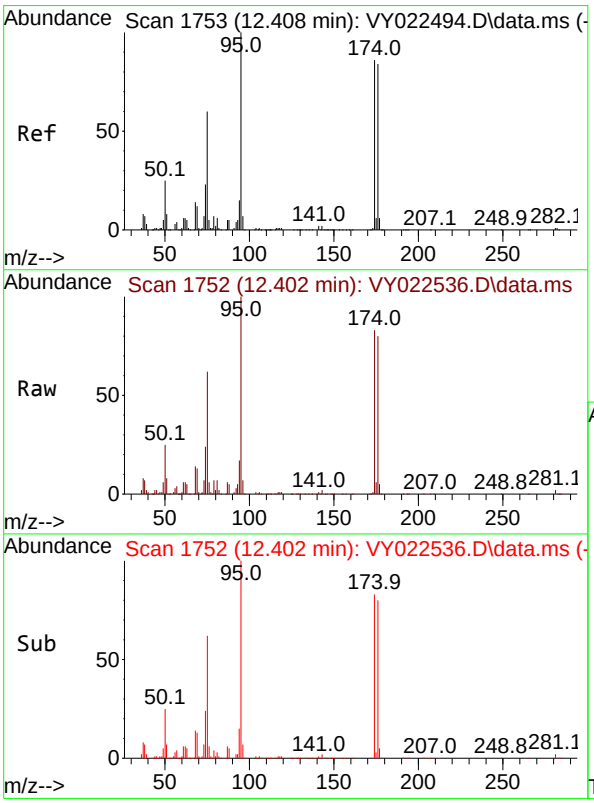
#61
1,2-Dibromoethane
Concen: 52.050 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 66866

Ion	Ratio	Lower	Upper
107	100		
109	93.0	77.7	116.5

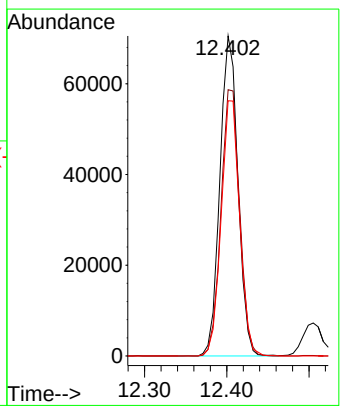


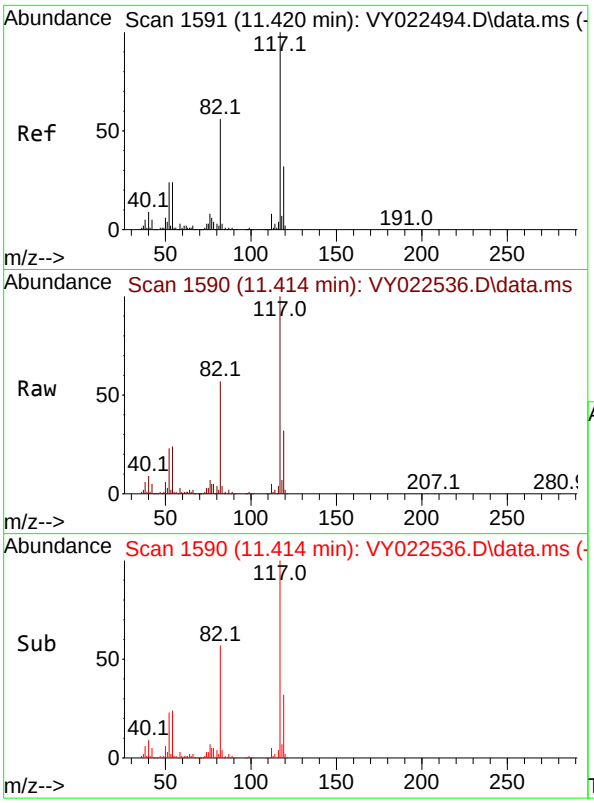


#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 95 Resp: 107560

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	170.0
176	82.0	0.0	166.2



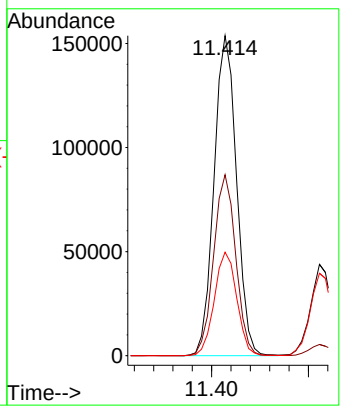


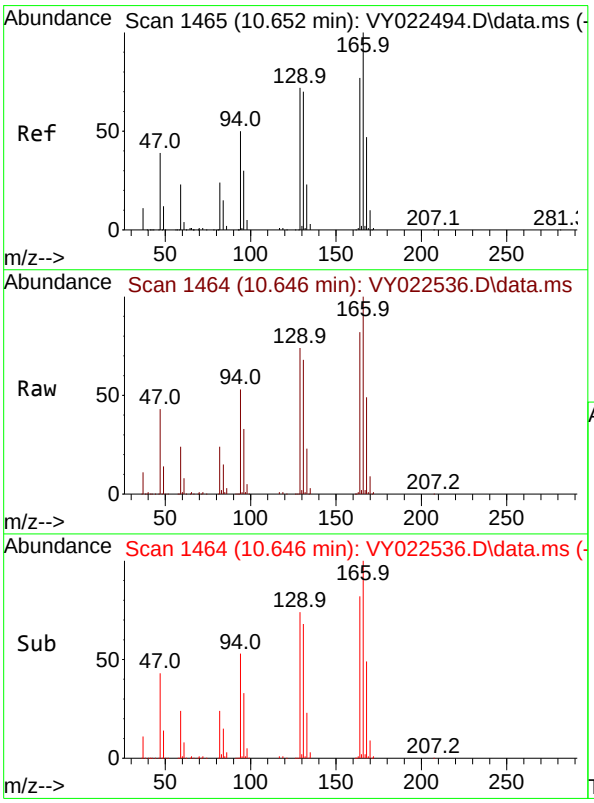
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 247870

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	66.8
119	32.3	25.4	38.0

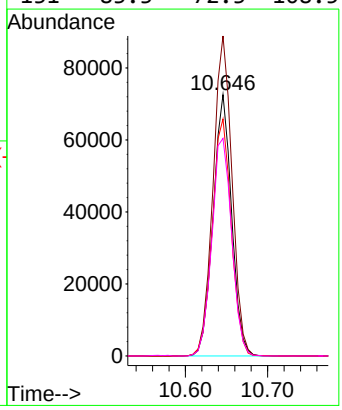


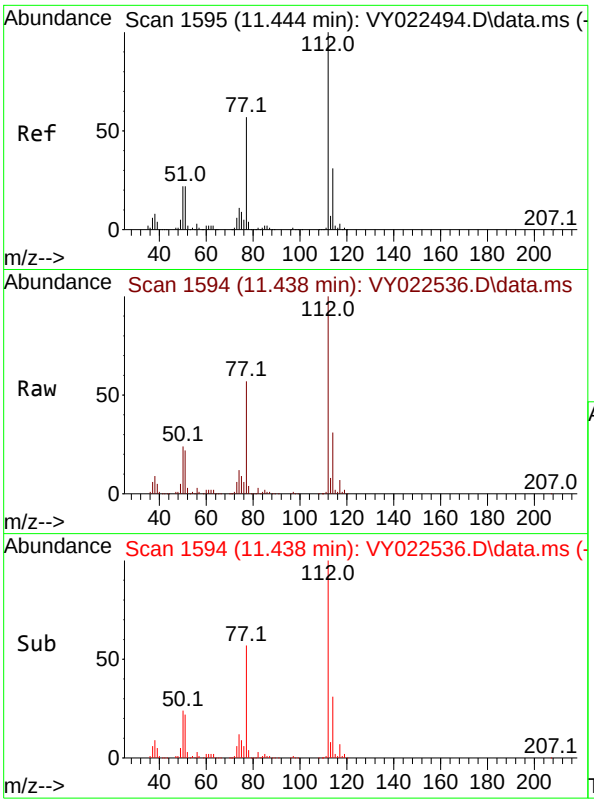


#64
Tetrachloroethene
Concen: 53.342 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:164 Resp: 113736

Ion	Ratio	Lower	Upper
164	100		
166	122.5	104.0	156.0
129	90.7	74.5	111.7
131	83.3	72.3	108.5



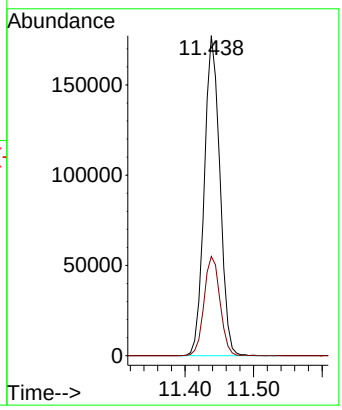


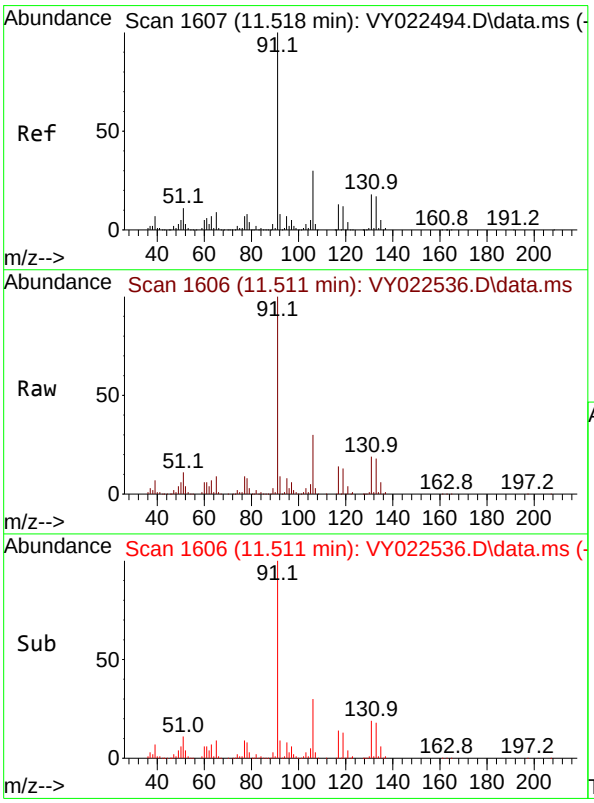
#65
Chlorobenzene
Concen: 51.138 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 280496

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.0	37.6

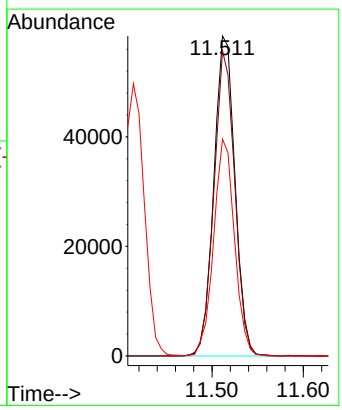


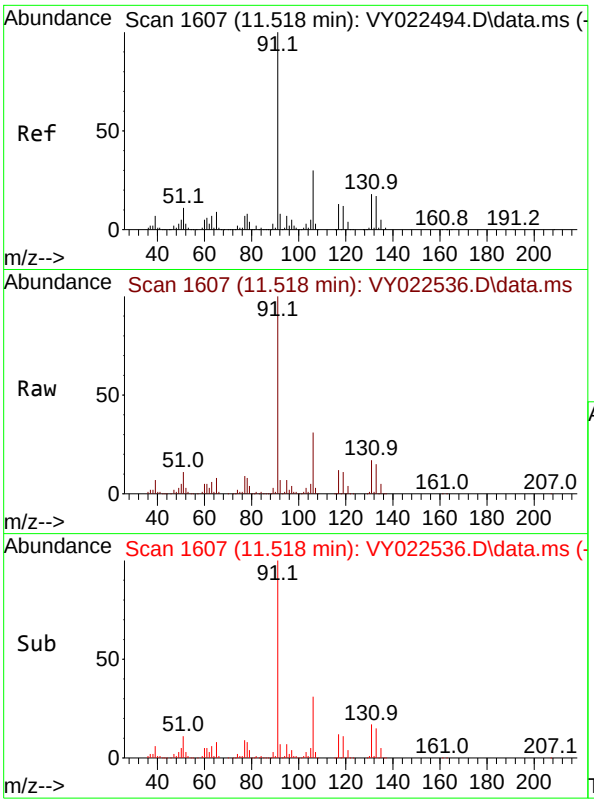


#66
1,1,1,2-Tetrachloroethane
Concen: 50.813 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:131 Resp: 93891

Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.3	141.8
119	67.0	33.1	99.3



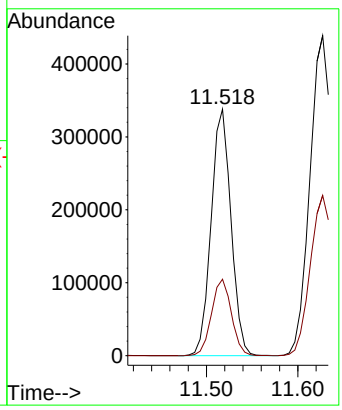


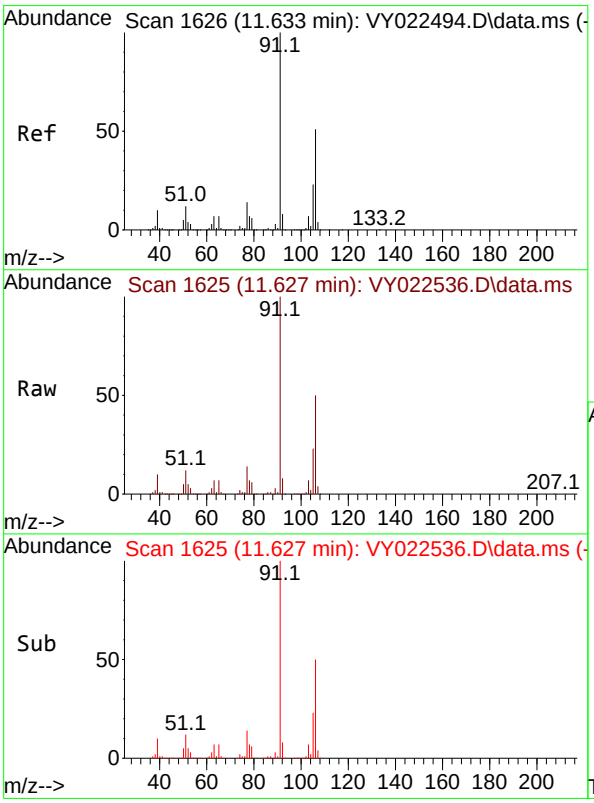
#67
Ethyl Benzene
Concen: 50.115 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 509853

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.2	36.4

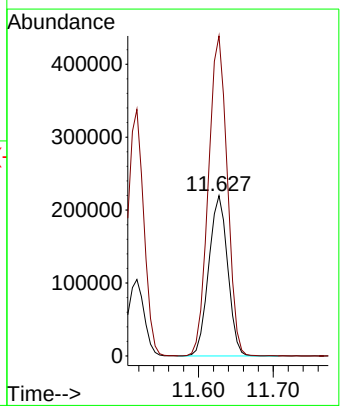


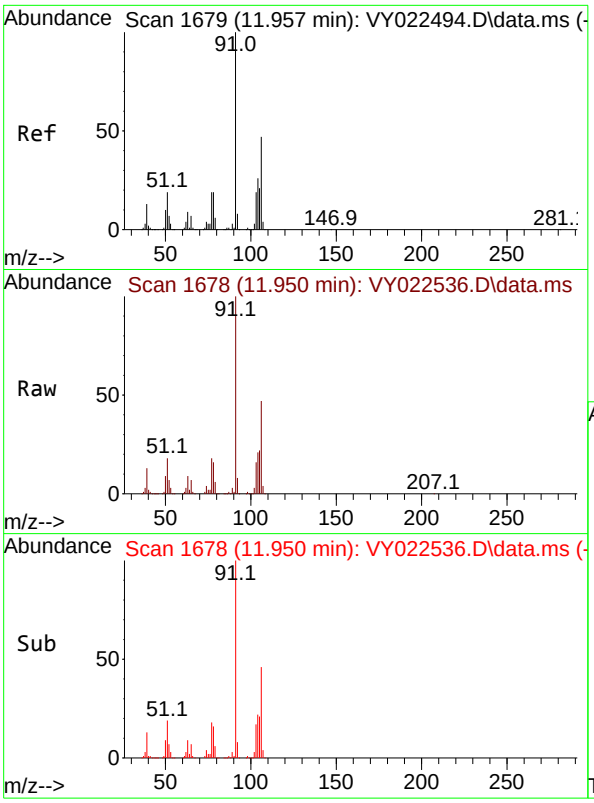


#68
m/p-Xylenes
Concen: 100.456 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:106 Resp: 387428

Ion	Ratio	Lower	Upper
106	100		
91	198.4	159.4	239.0



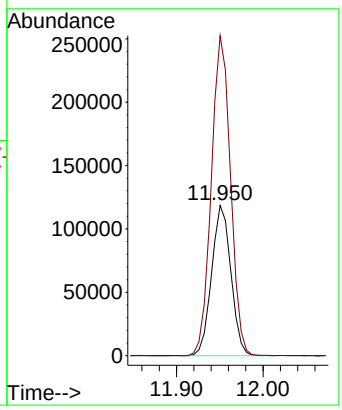


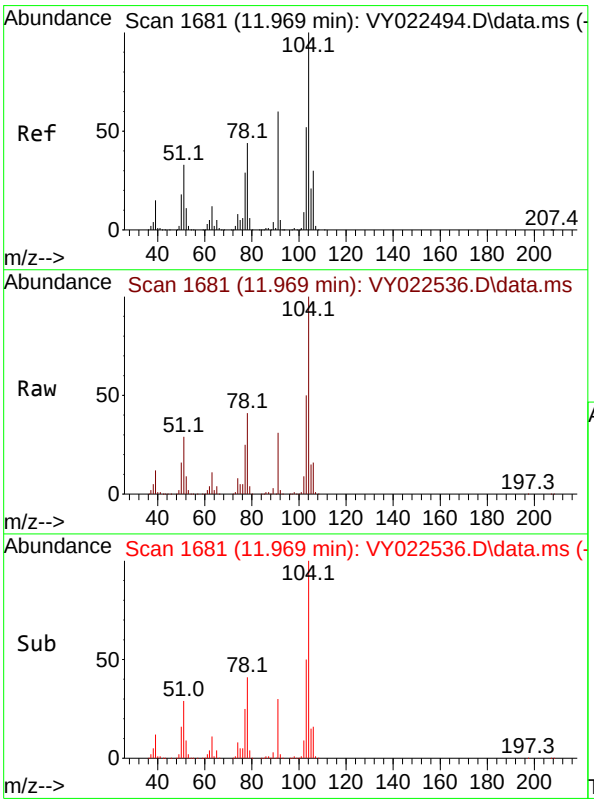
#69
o-Xylene
Concen: 50.625 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 183057

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.8	317.3

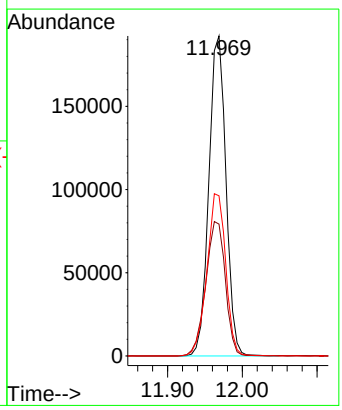


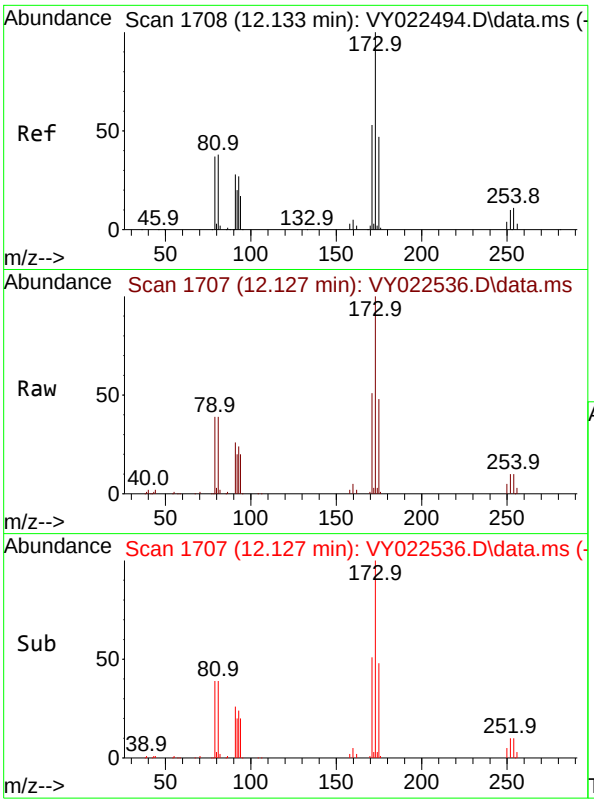


#70
Styrene
Concen: 51.252 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:104 Resp: 306334

Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.5	59.3
103	55.9	44.1	66.1



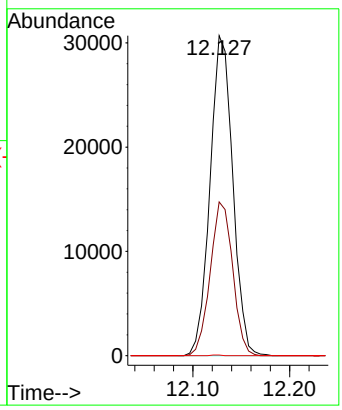


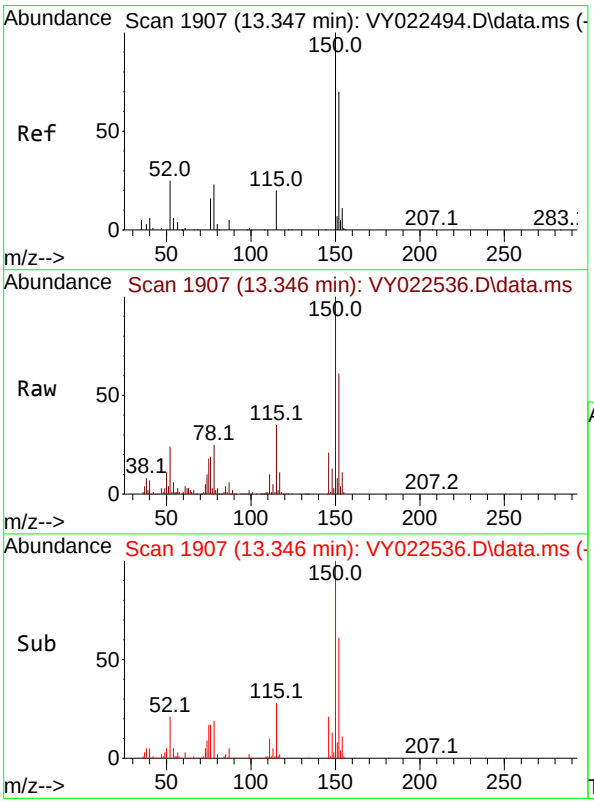
#71
Bromoform
Concen: 50.877 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 50026

Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.8	71.5
254	0.1	0.0	0.0#

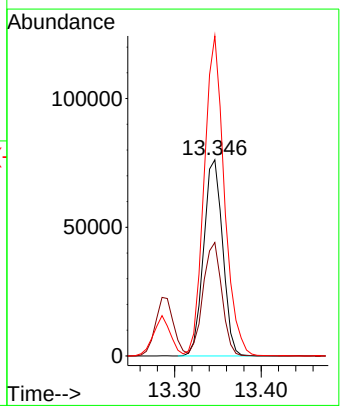


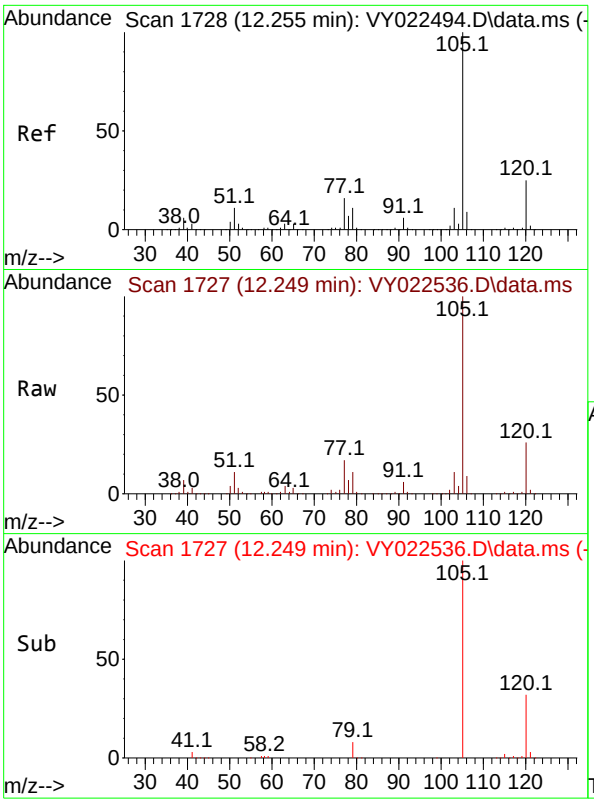


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:152 Resp: 116307

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.9	86.7
150	173.2	0.0	349.6



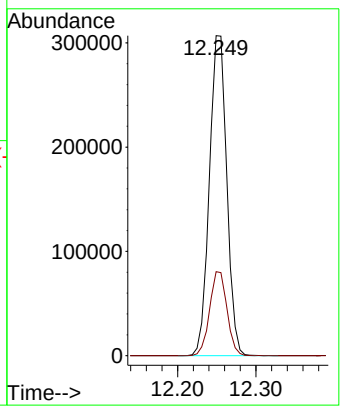


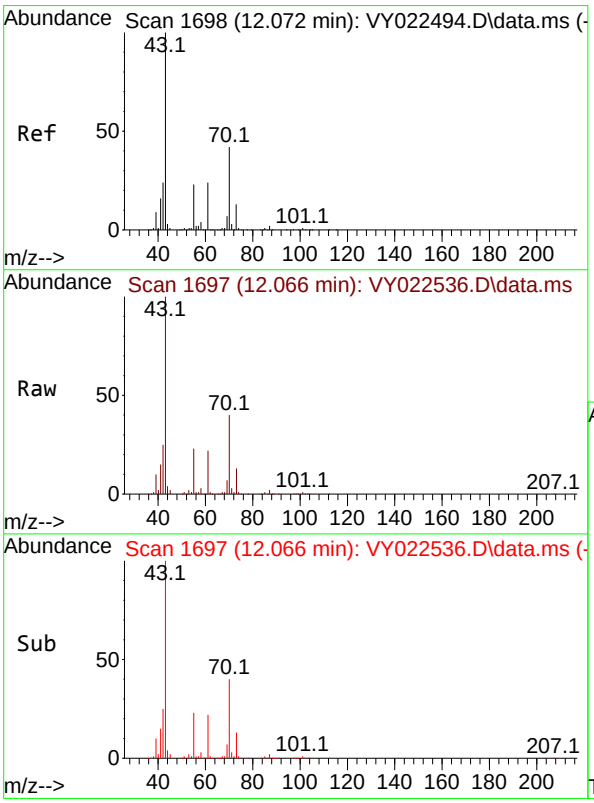
#73
Isopropylbenzene
Concen: 49.502 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 472687

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

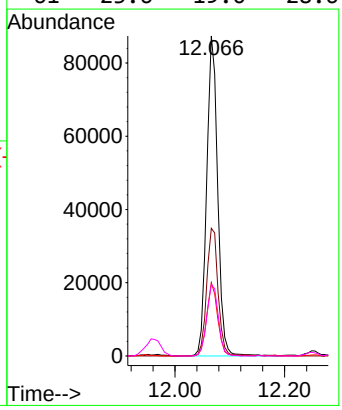


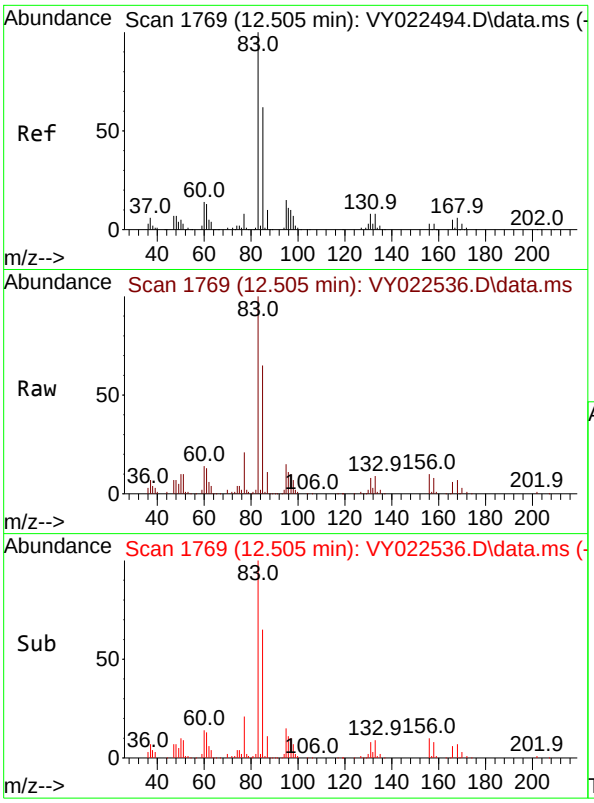


#74
N-amyl acetate
Concen: 50.310 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 43 Resp: 121215

Ion	Ratio	Lower	Upper
43	100		
70	41.3	34.2	51.2
55	22.7	18.2	27.4
61	23.6	19.0	28.6



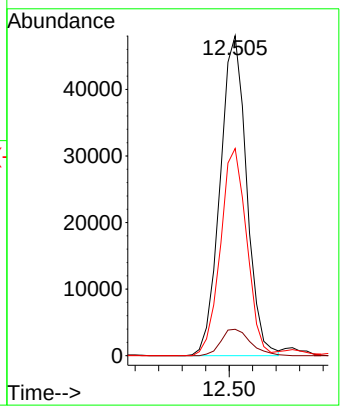


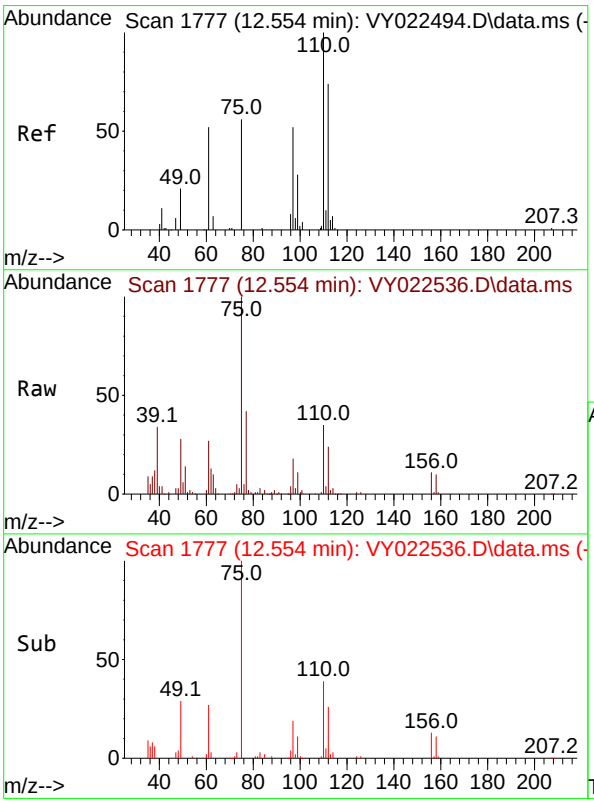
#75
1,1,2,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 75257

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	64.4	32.6	97.8

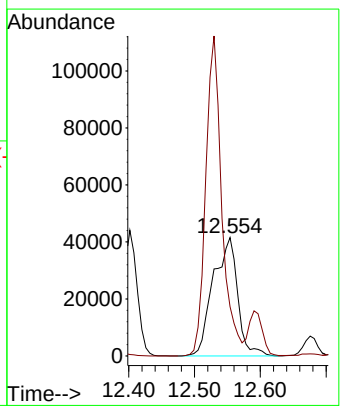


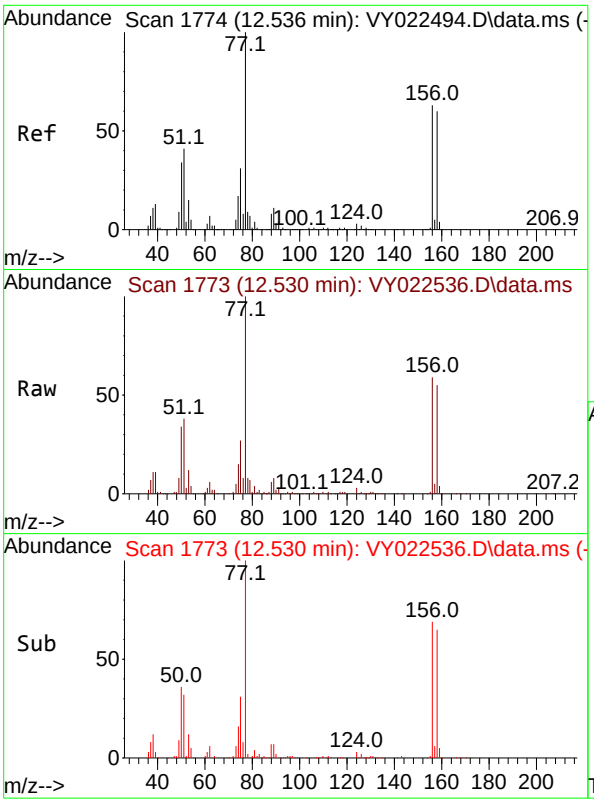


#76
1,2,3-Trichloropropane
Concen: 80.992 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 107768

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



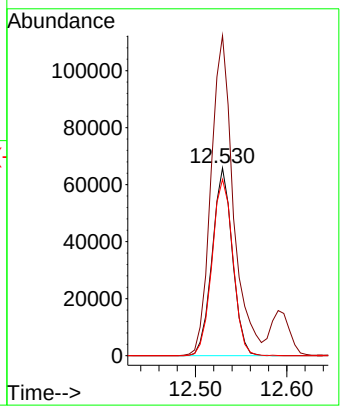


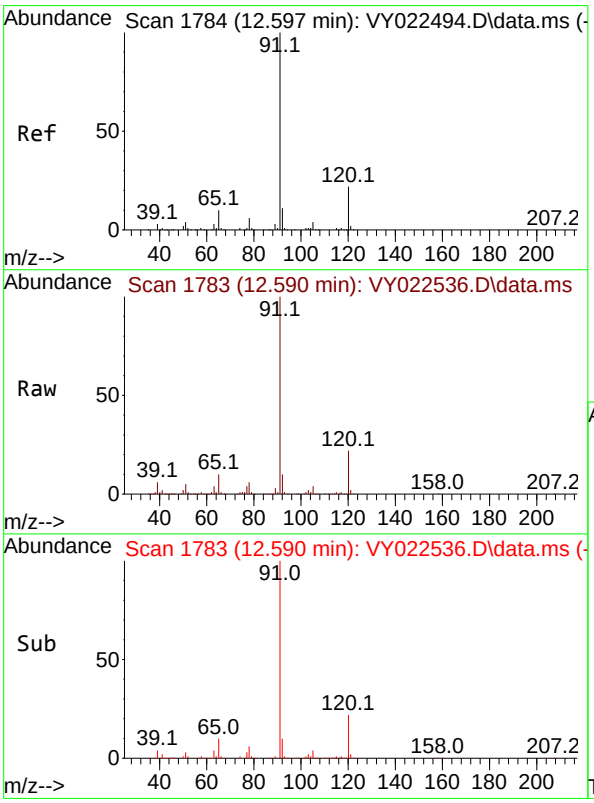
#77
Bromobenzene
Concen: 50.006 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 100763

Ion	Ratio	Lower	Upper
156	100		
77	189.2	94.0	282.1
158	97.3	48.2	144.6

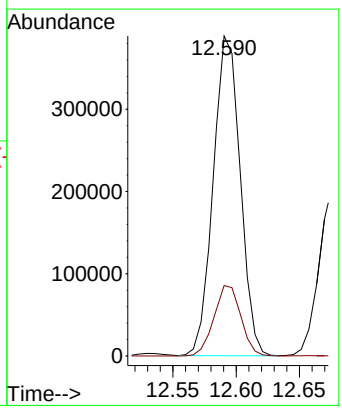


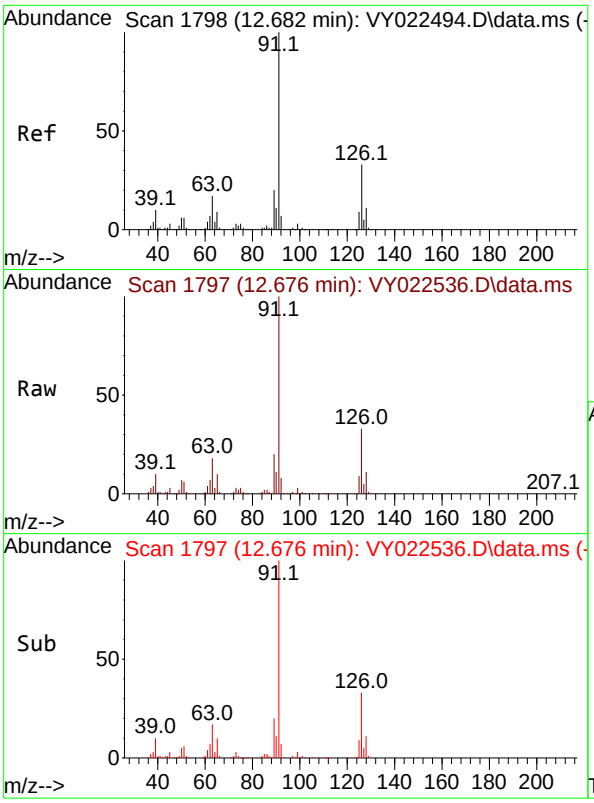


#78
n-propylbenzene
Concen: 49.474 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 577009

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.8	32.4



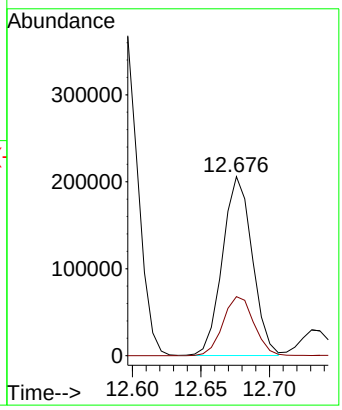


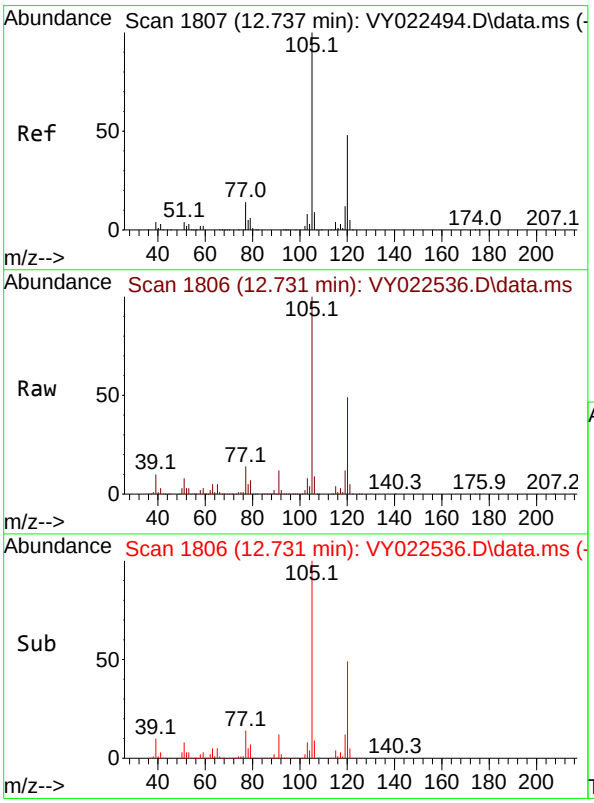
#79
2-Chlorotoluene
Concen: 50.294 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 310881

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0

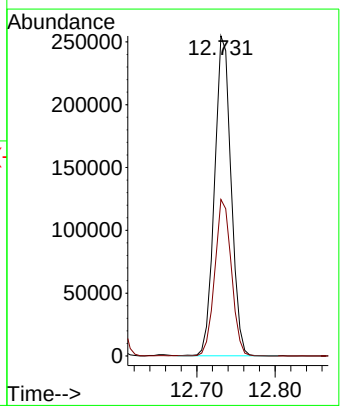


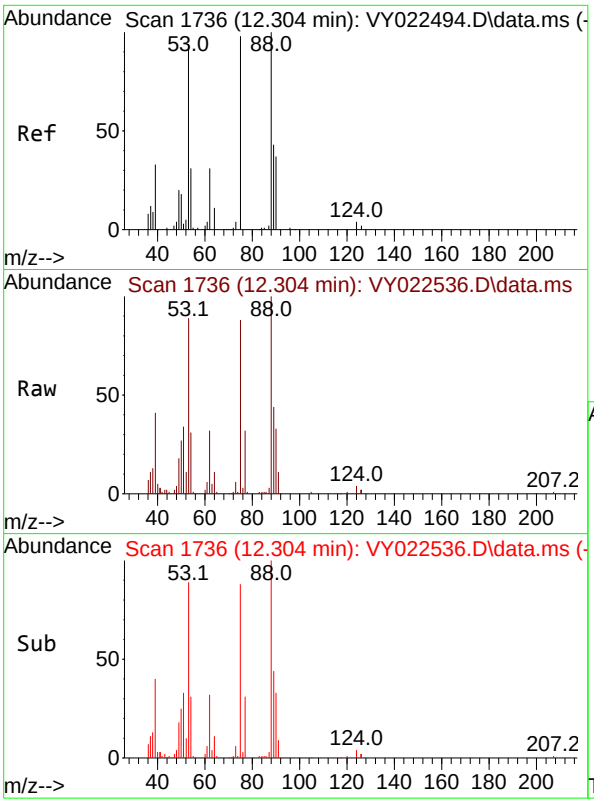


#80
1,3,5-Trimethylbenzene
Concen: 49.832 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 373572

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.4



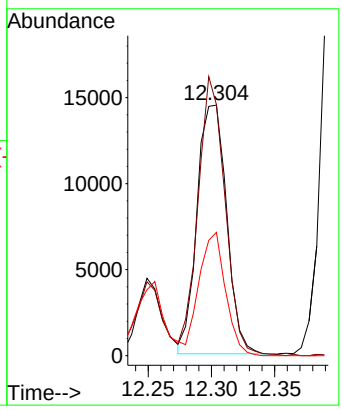


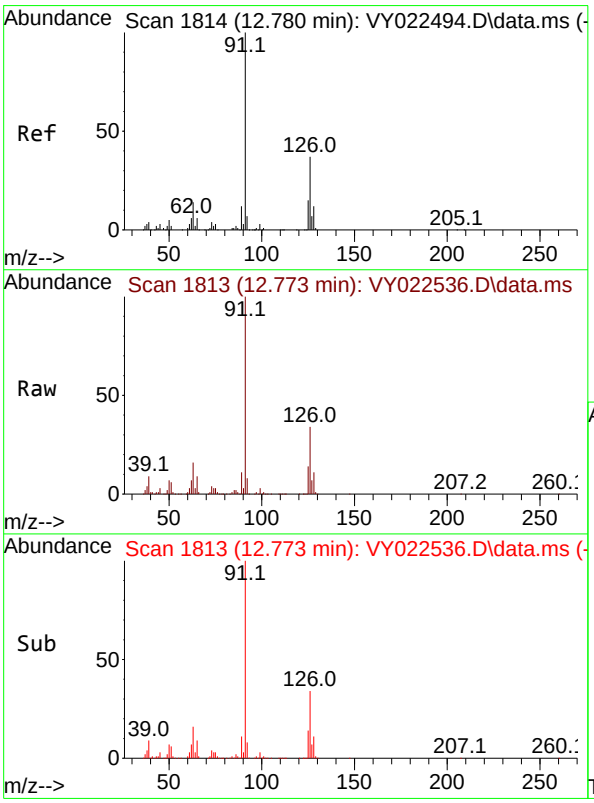
#81
trans-1,4-Dichloro-2-butene
Concen: 42.645 ug/l
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23497

Ion	Ratio	Lower	Upper
75	100		
53	102.8	78.5	117.7
89	44.2	35.7	53.5

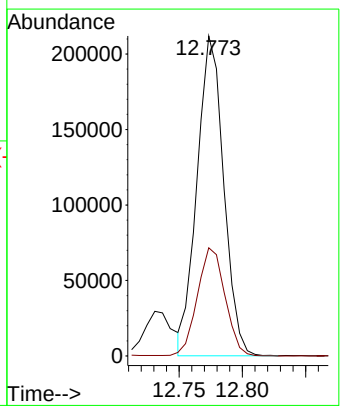


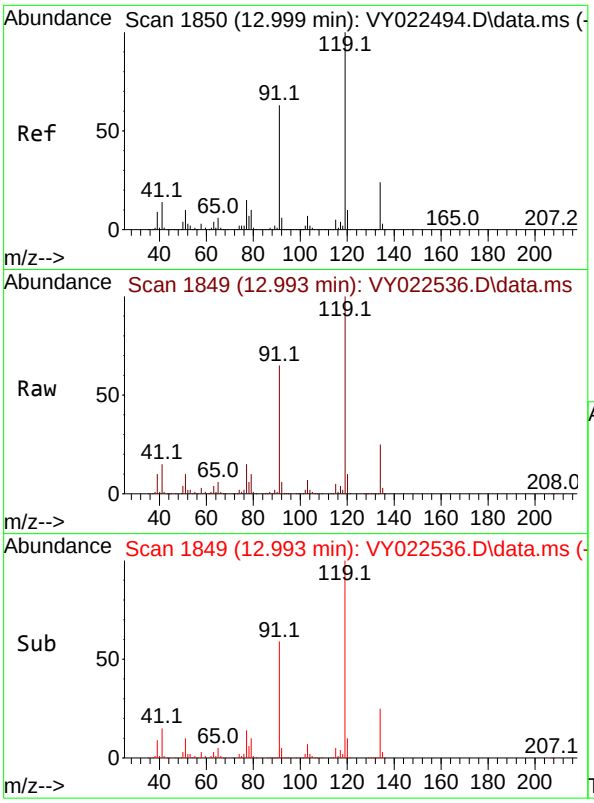


#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 91 Resp: 310489

Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.0	50.9



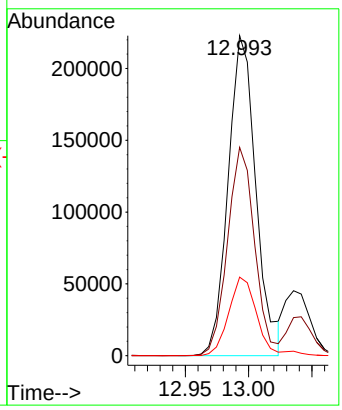


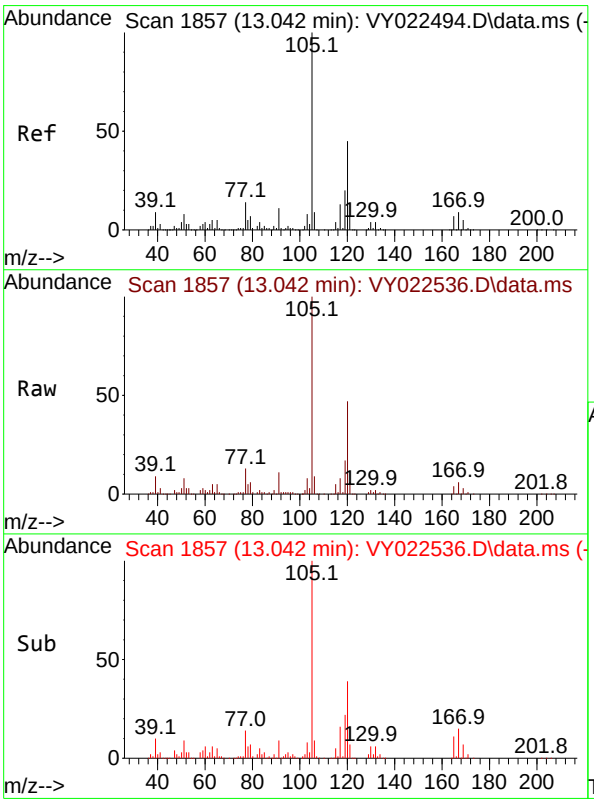
#83
tert-Butylbenzene
Concen: 50.683 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 341012

Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.1	96.3
134	25.1	13.0	38.9

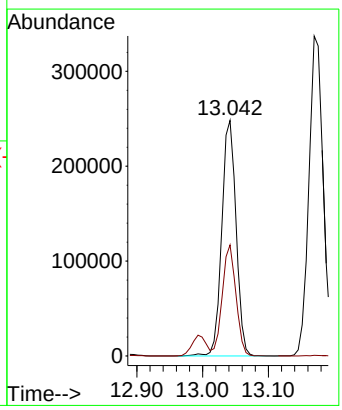


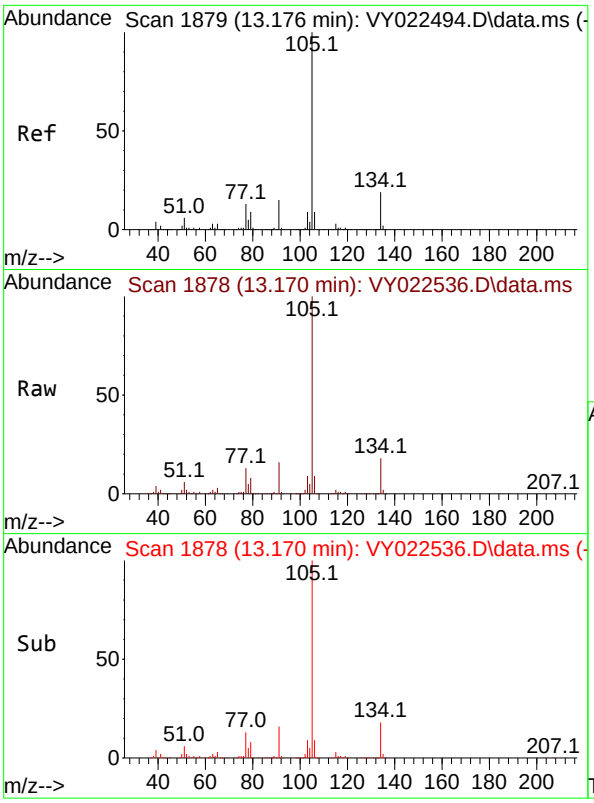


#84
1,2,4-Trimethylbenzene
Concen: 50.160 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:105 Resp: 376096

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.7	68.1



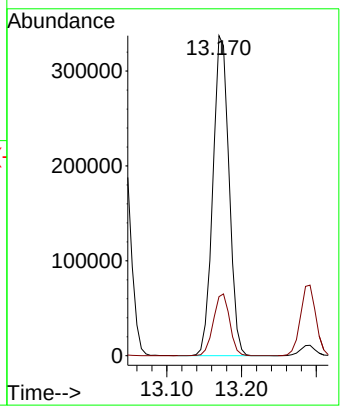


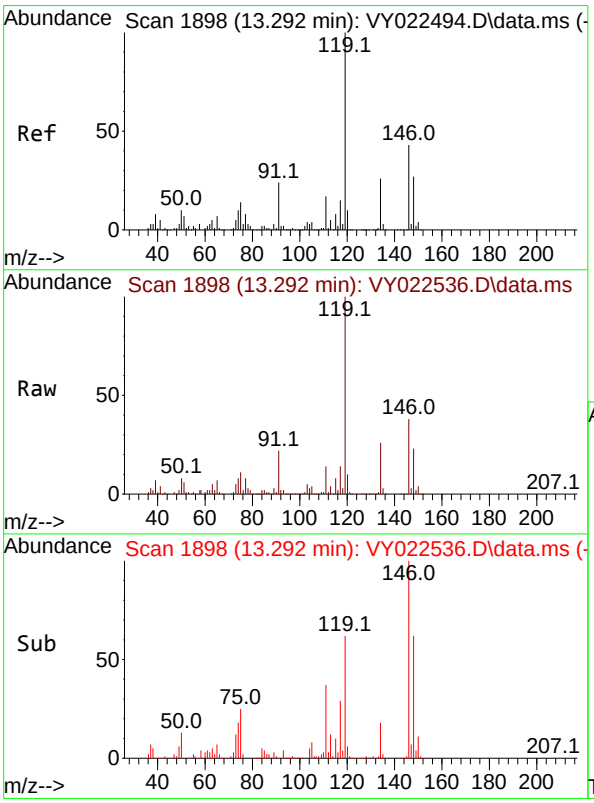
#85
sec-Butylbenzene
Concen: 49.023 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 505174

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

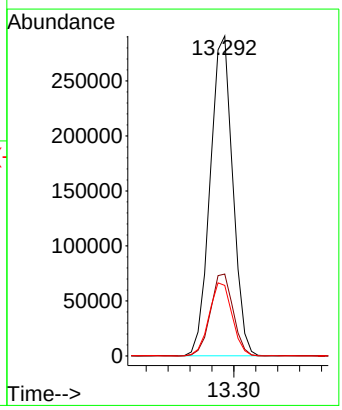


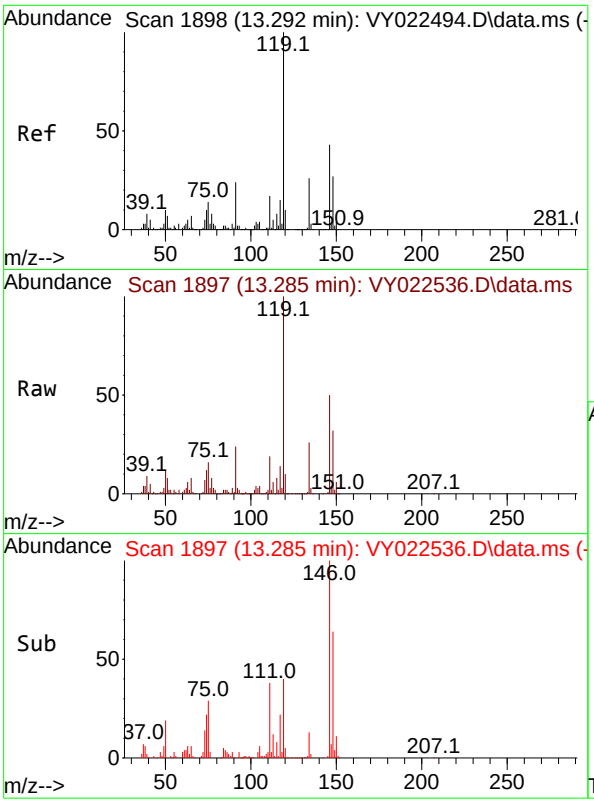


#86
p-Isopropyltoluene
Concen: 48.945 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:119 Resp: 415739

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	23.3	11.6	34.8



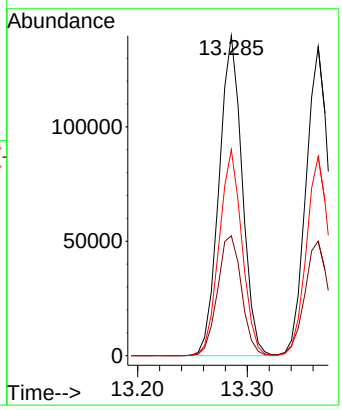


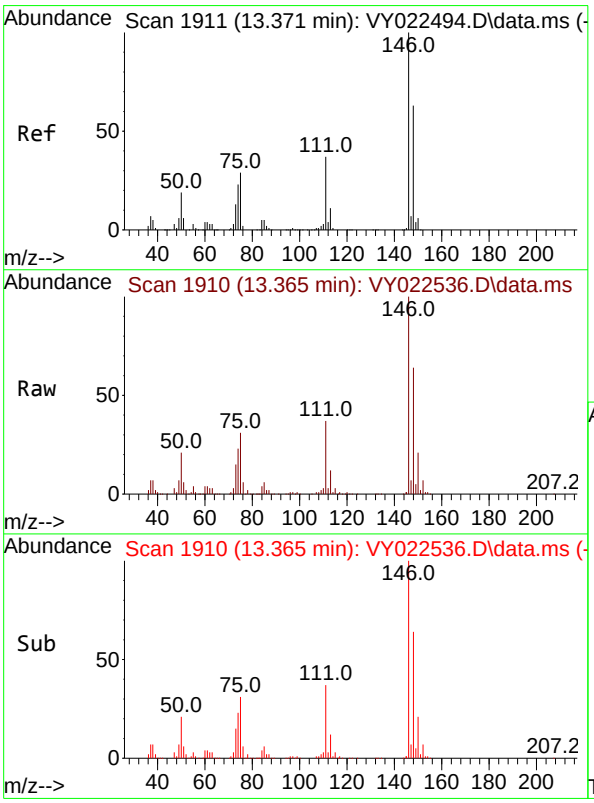
#87
1,3-Dichlorobenzene
Concen: 50.179 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 204862

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	63.6	32.1	96.3

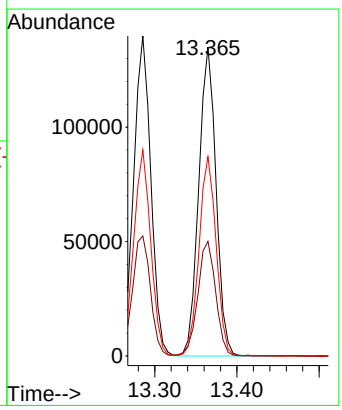


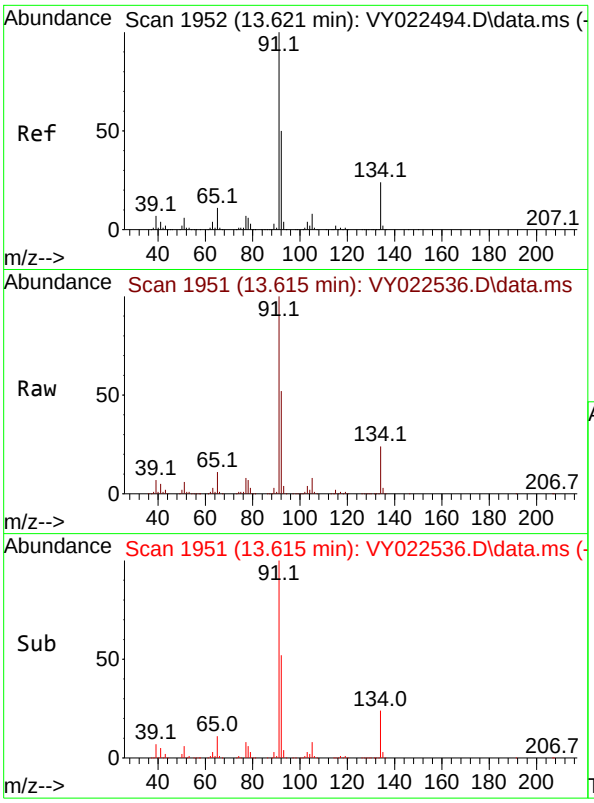


#88
1,4-Dichlorobenzene
Concen: 49.839 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:146 Resp: 197352

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.0	31.6	94.8



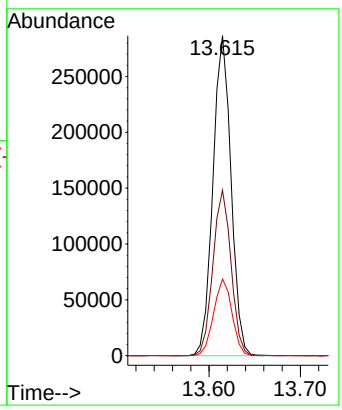


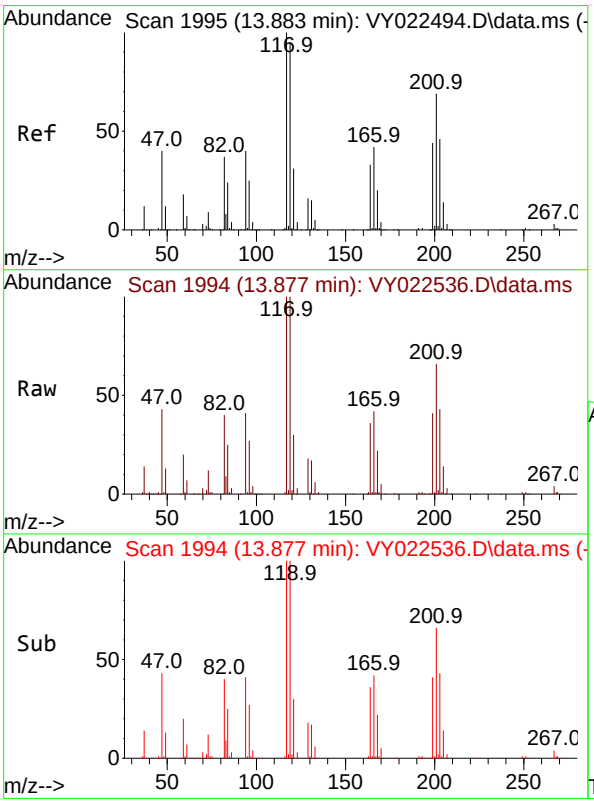
#89
n-Butylbenzene
Concen: 48.858 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 393731

Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.8
134	24.3	12.0	36.1

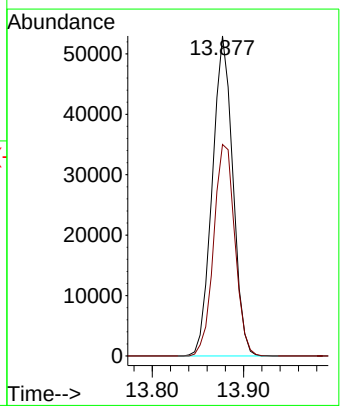


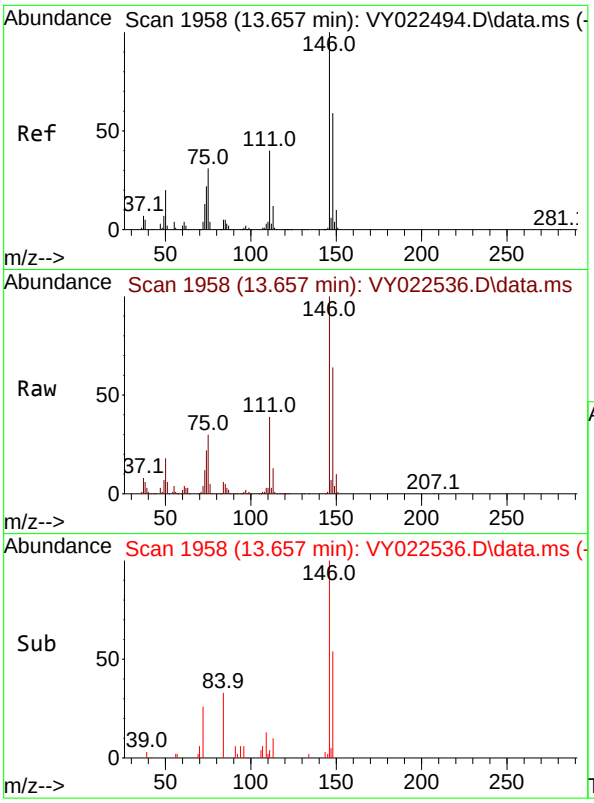


#90
Hexachloroethane
Concen: 50.031 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:117 Resp: 82732

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.0	102.0



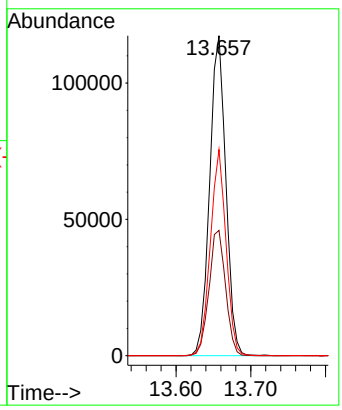


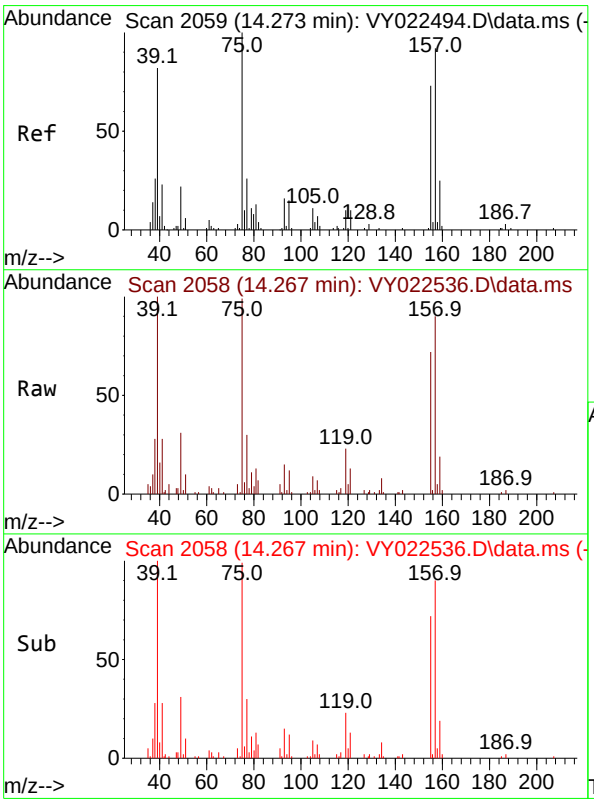
#91
1,2-Dichlorobenzene
Concen: 50.893 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 176409

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	62.5	31.4	94.0

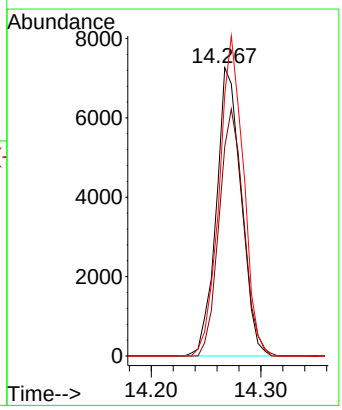


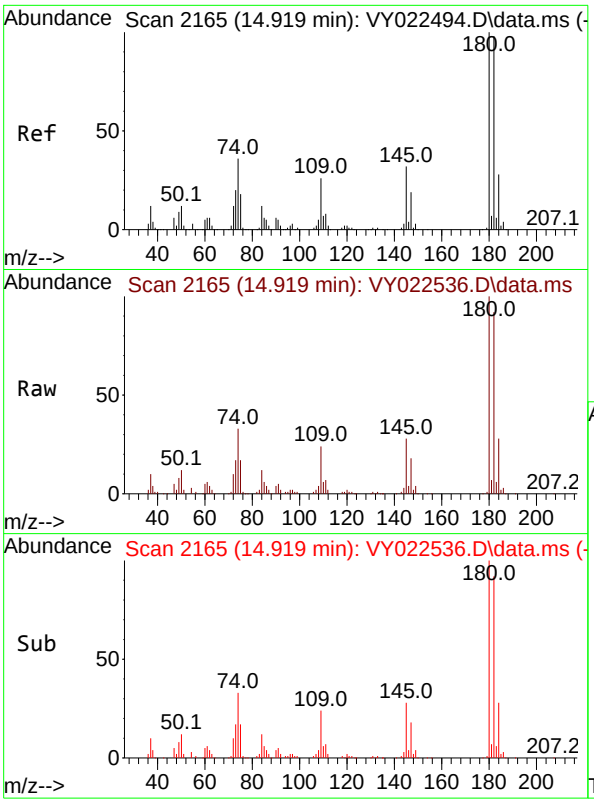


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.137 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion: 75 Resp: 11440

Ion	Ratio	Lower	Upper
75	100		
155	84.5	39.9	119.6
157	108.2	54.0	162.0



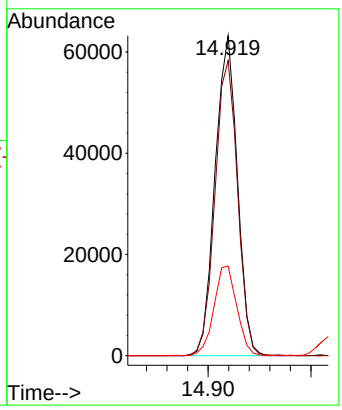


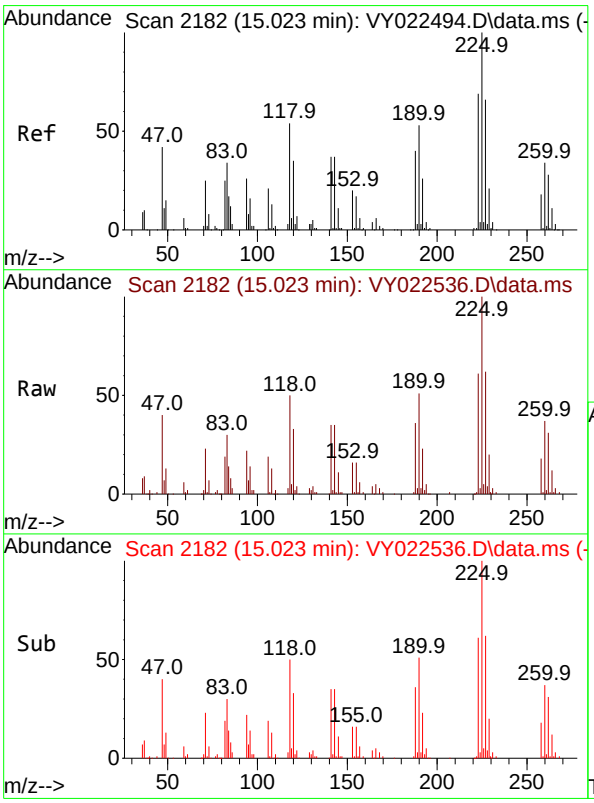
#93
1,2,4-Trichlorobenzene
Concen: 50.174 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 94854

Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.4	145.3
145	28.8	15.5	46.5

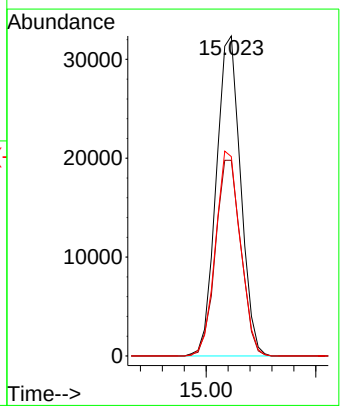


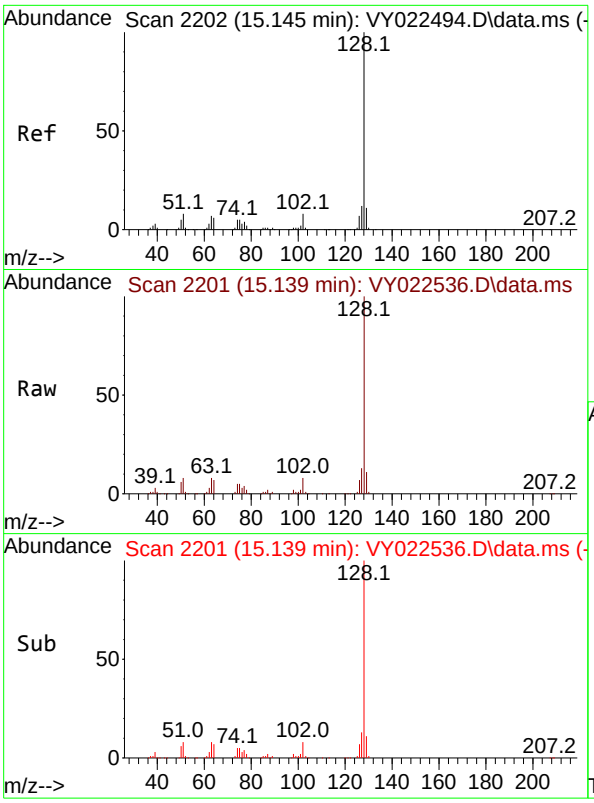


#94
Hexachlorobutadiene
Concen: 47.930 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:225 Resp: 50011

Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.4
227	65.1	32.3	96.9



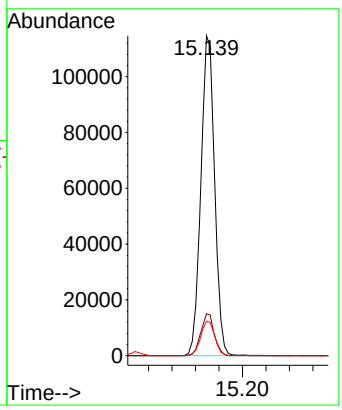


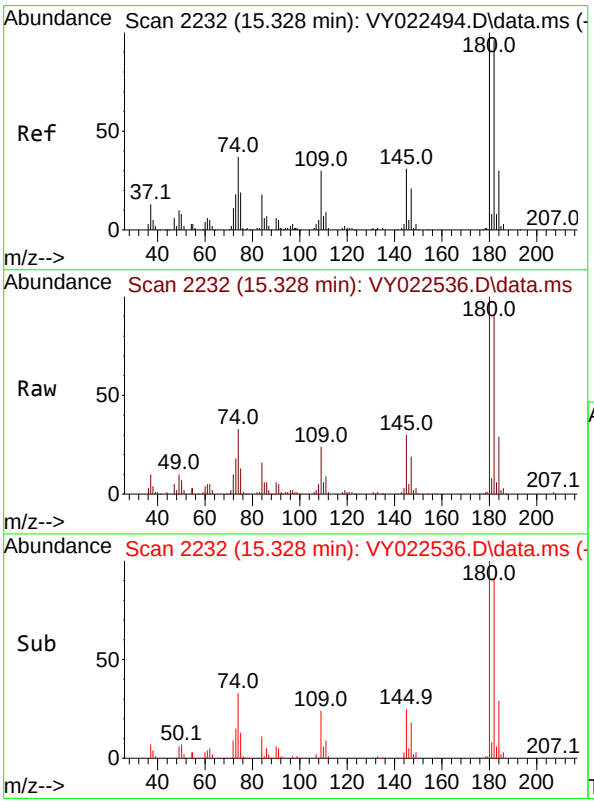
#95
Naphthalene
Concen: 51.402 ug/l
RT: 15.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 186479

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: 50.220 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022536.D
Acq: 03 Jun 2025 20:51

Tgt Ion:180 Resp: 81365

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	31.3	15.2	45.6

